

FCC Radio Test Report

FCC ID : HDC-17600030F1
Contains FCC ID : HDC-649B
Equipment : WiFi 6 Mesh AP
Brand Name : 
Model Name : 841-t6YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant : Adtran
901 Explorer Blvd., Huntsville, AL 35806, USA
Manufacturer : XAVi Technologies Corporation
22F., No.69, Sec. 2, Guangfu Rd., Sanchong
Dist., New Taipei City 241, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 20, 2021, and testing was started from Sep. 10, 2021 and completed on Oct. 05, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Channel Mode	9
2.2 The Worst Case Measurement Configuration.....	11
2.3 Accessories	12
2.4 Support Equipment.....	12
2.5 Test Setup Diagram	13
3 TRANSMITTER TEST RESULT	15
3.1 AC Power-line Conducted Emissions	15
3.2 DTS Bandwidth.....	17
3.3 Maximum Conducted Output Power	18
3.4 Power Spectral Density	20
3.5 Emissions in Non-restricted Frequency Bands	21
3.6 Emissions in Restricted Frequency Bands.....	22
4 TEST EQUIPMENT AND CALIBRATION DATA	26
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF DTS BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX F. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX H. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

Report No.	Version	Description	Issued Date
FR182051AC	01	Initial issue of report	Oct. 25, 2021

Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: 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	Support
1	Galtronics	02036142-07357-1	PIFA	N/A	5G DFS RX
2	Galtronics	02036073-07357-3	PIFA	N/A	BT
3	Galtronics	60-2962-03-4	PCB	U.FL	2.4G+5G
4	Galtronics	60-2962-03-3	PCB	U.FL	2.4G+5G
5	Galtronics	60-2888-03-1	PCB	U.FL	5G
6	Galtronics	60-2791-03	PCB	U.FL	5G
7	Galtronics	60-2791-03	PCB	U.FL	5G
8	Galtronics	60-2888-03-1	PCB	U.FL	5G

**Non-Beamforming**

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	-	4.7	-
2	1	-	-	5.3
3	1	2.7	3.7	-
4	2	2.7	3.7	-
5	1	-	3.9	-
6	2	-	2.1	-
7	3	-	2.1	-
8	4	-	3.9	-

Note 1: The EUT has eight 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 BT function:

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

Only Ant. 2 (port 1) can be used as transmitting/receiving.

For 5GHz function (Low Band):

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

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

For 5GHz function (High Band):

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 5 (port 1), Ant. 6 (port 2), Ant. 7 (port 3) and Ant. 8 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit(802.11ax)	☒ Full RU	☐ Partial RU	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.98	0.09	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss1,(6Mbps)_2TX	0.778	1.09	713.125u	3k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.61	2.15	313.125u	10k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.61	2.15	313.125u	10k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.977	0.1	3.785m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.945	0.25	1.922m	1k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
841-t6YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")	All the models are identical, the difference model served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	23.0~23.5℃ / 60~61%	23/Sep/2021
RF Conducted	TH01-HY	Johnny Yu	20.1~26.9℃ / 50~60%	16/Sep/2021~24/Sep/2021
Radiated	03CH02-HY	Lego Lin	21.5~23.5℃ / 57~61%	10/Sep/2021~16/Sep/2021
Radiated (Co-location)	03CH03-HY	Edward Wang	24.2~25.2℃ / 50~60%	18/Sep/2021~05/Oct/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	QATool_Dbg
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Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	12.5
2437MHz	10.5
2457MHz	9.5
2462MHz	10
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2417MHz	18
2437MHz	19
2457MHz	18
2462MHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2417MHz	17
2437MHz	19
2457MHz	17.5
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	15.5
2452MHz	15.5

**Beamforming**

Test Software Version	CMD
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Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	33
2417MHz	36
2437MHz	39
2457MHz	38
2462MHz	34
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	34
2427MHz	35
2437MHz	35
2447MHz	34
2452MHz	33

2.2 The Worst Case Measurement Configuration

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

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

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

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 (Low Band)
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	Bluetooth+WLAN 2.4GHz+WLAN 5GHz (Low Band)+WLAN 5GHz (High Band)
Refer to Sporton Test Report No.: FA182051 for Co-location RF Exposure Evaluation.	

2.3 Accessories**Accessories**

AC Adapter	Brand Name	MASS POWER	Model Name	S030-1A120250VU
	Power Rating	I/P: 100 - 240 Vac, 0.8 A, O/P: 12.0 Vdc, 2.5 A		
	Power Cord	1.45 meter, non-shielded cable, w/o ferrite core		

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

2.4 Support Equipment**Support Equipment – AC Conduction**

No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client (Remote)	ADTRAN	841-T6	-	Note 1
2	Adapter for Client (Remote)	MASS POWER	S030-1A120250VU	-	Note 1

Note 1: Provided by Customer.

Support Equipment – Conducted

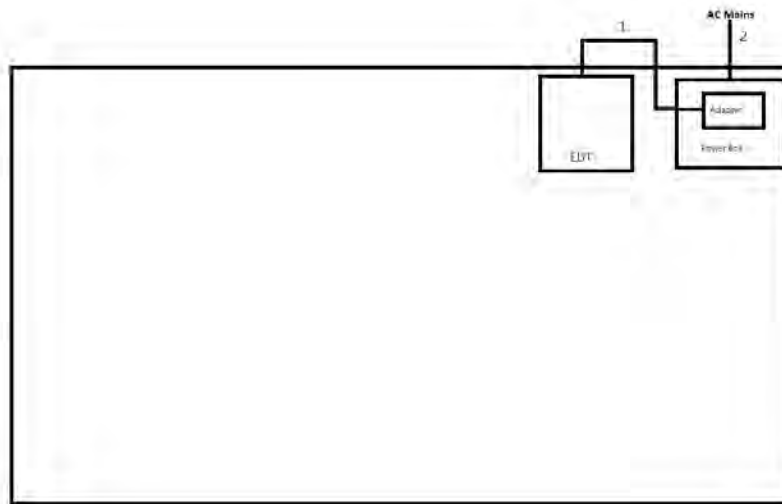
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	BF Client	841-T6	HA65NM130	-	-
4	Adapter for BF Client	MASS POWER	S050-1A120400B3	-	-

Support Equipment – Radiated

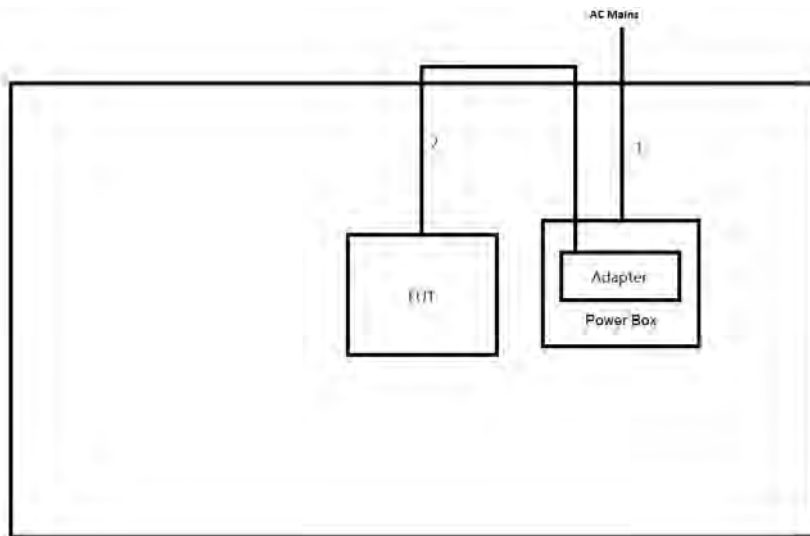
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook*2 (Remote)	HP	5220M	-	-
2	RJ45 Cable (Remote)	Power Sync	CAT-6E-01	-	-
3	RJ45 Cable (Remote)	Power Sync	CAT-6E-10	-	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power cable	No	1.45	-
2	AC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.5	-
2	DC Power cable	No	1.45	-

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

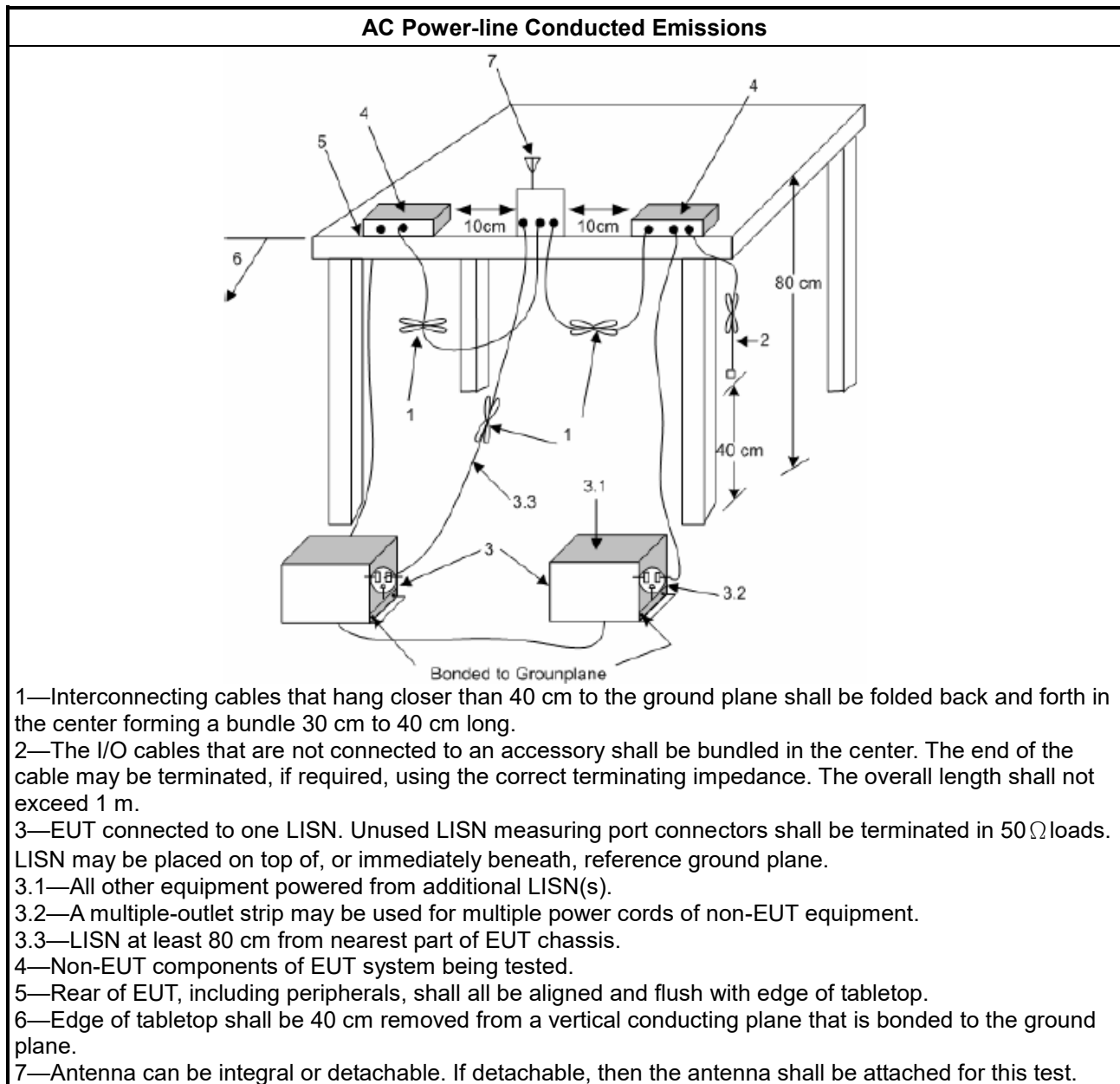
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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



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 $\geq$ 500 kHz.

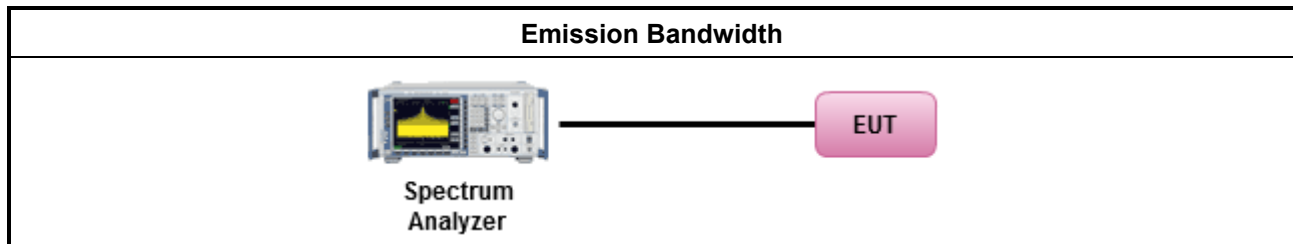
3.2.2 Measuring Instruments

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



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

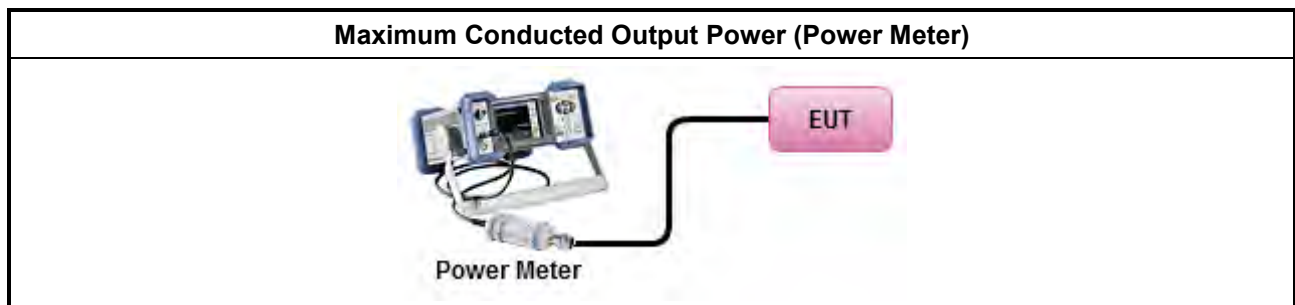
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



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) $\leq$ 8 dBm/3kHz

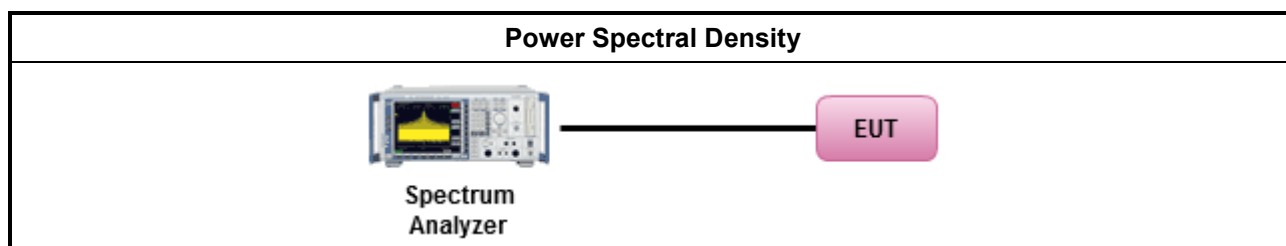
3.4.2 Measuring Instruments

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



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.	

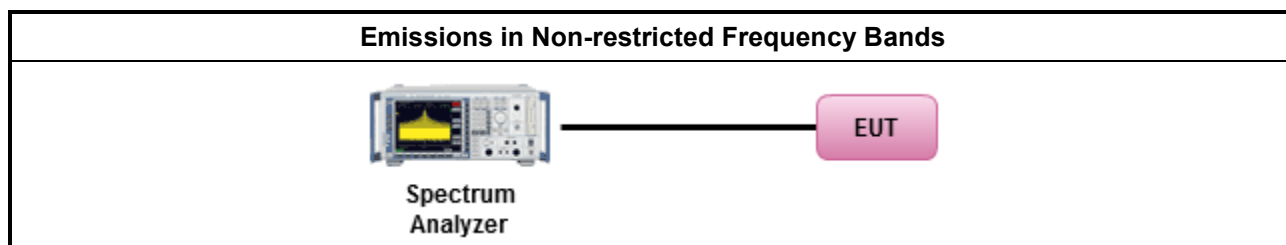
3.5.2 Measuring Instruments

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



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

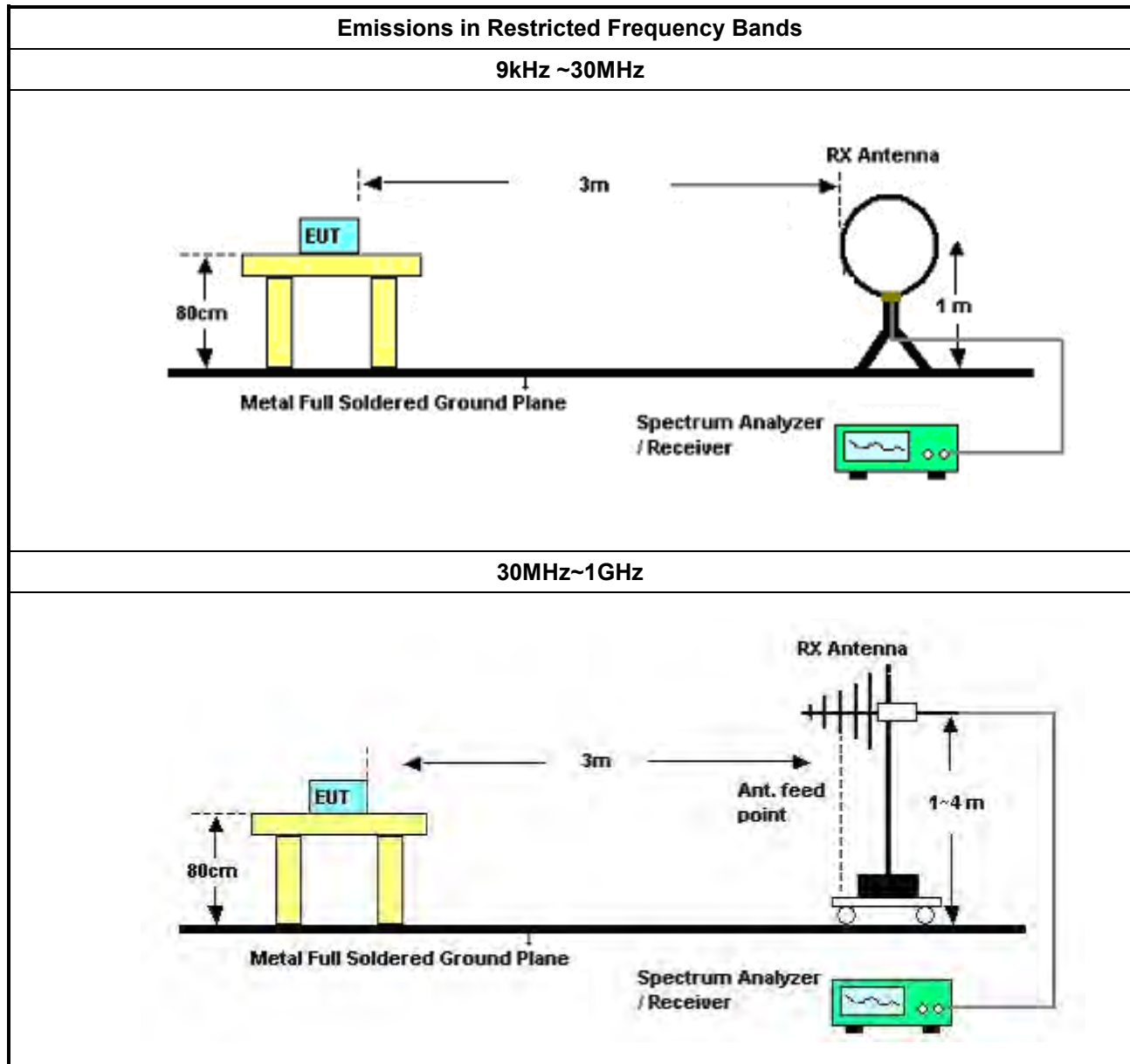
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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 $f \geq 1$ 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.

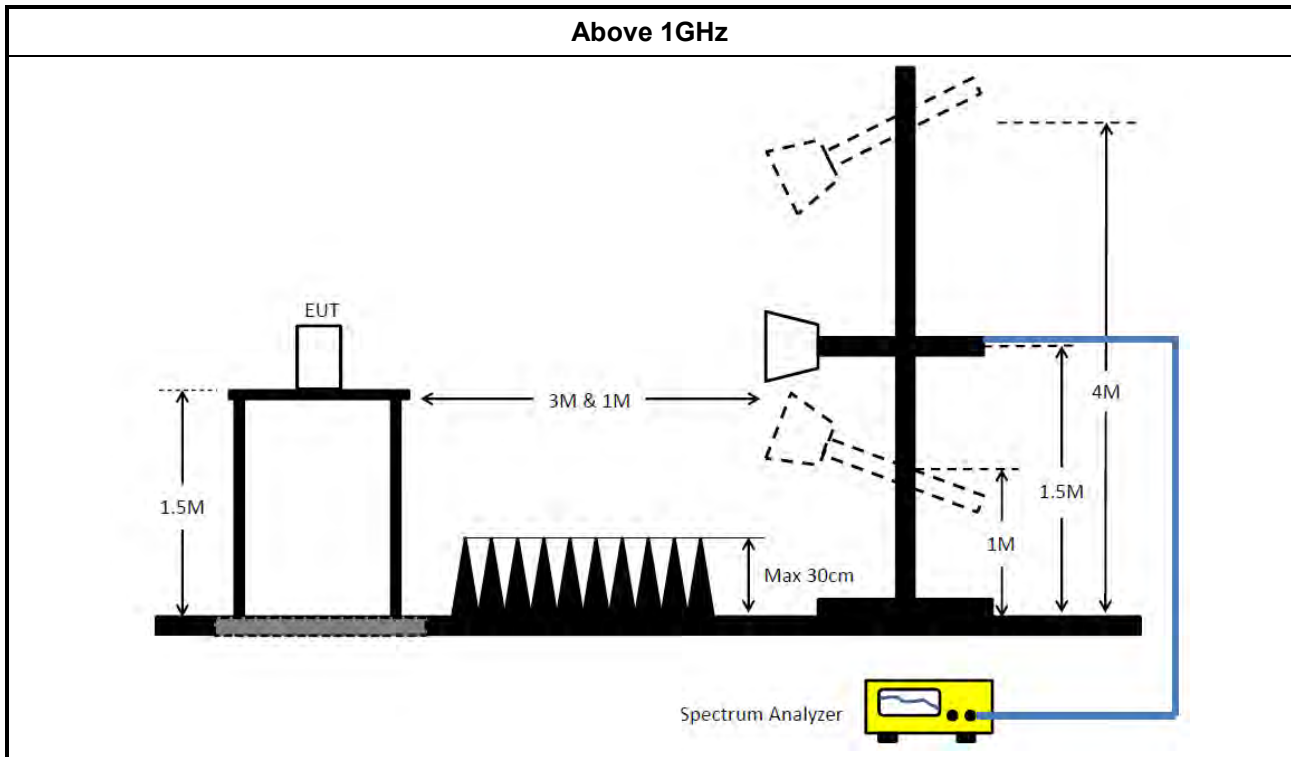
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	23/Feb/2021	22/Feb/2022
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	23/Feb/2021	22/Feb/2022

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	05/Sep/2021	04/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022

**Instrument for Radiated Emission Co-location**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101515	9kHz~40GHz	26/Mar/2021	25/Mar/2022
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	24/Mar/2021	23/Mar/2022
RF CABLE 5+6m	HUBER+ SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022



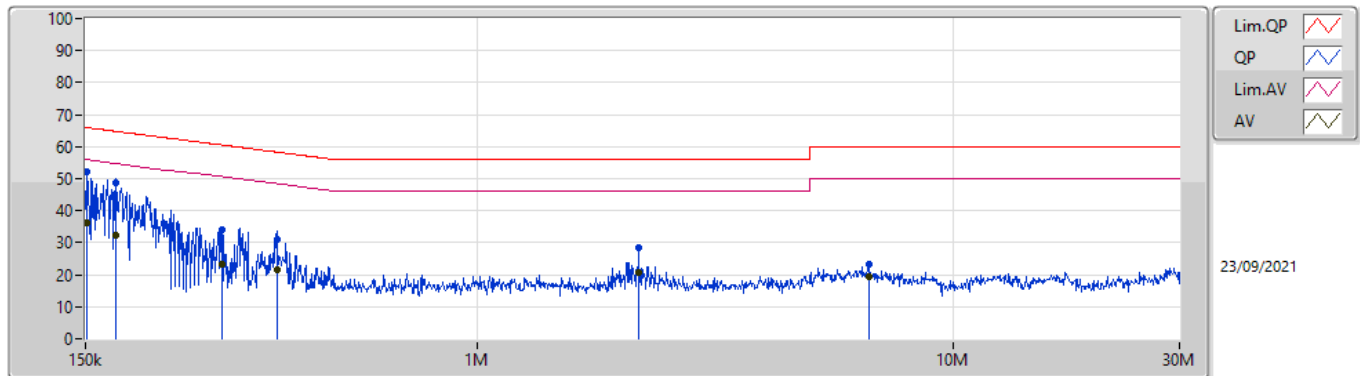
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	51.99	65.96	-13.97	Line

Mode Configure

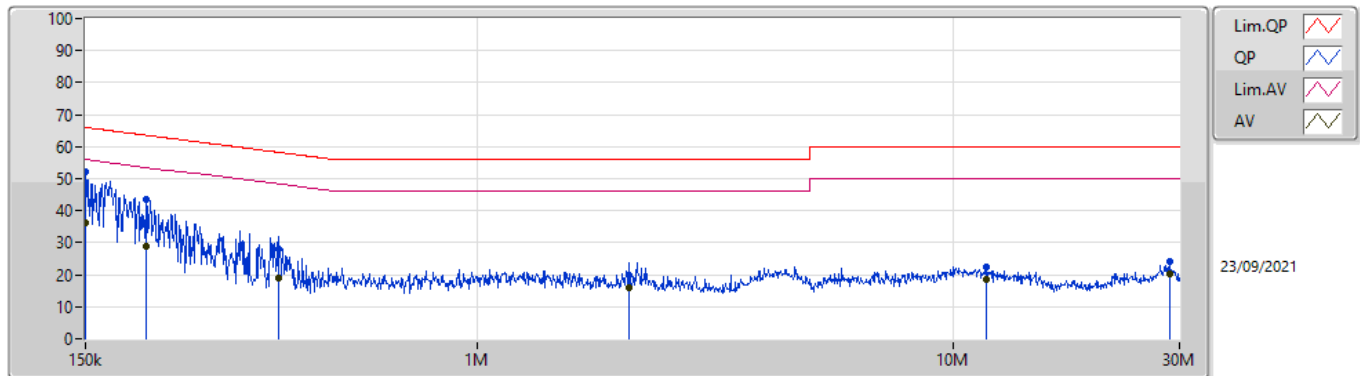
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	51.99	65.96	-13.97	Line	-
Mode 1	Pass	AV	150.6k	36.27	55.96	-19.69	Line	-
Mode 1	Pass	QP	173.876k	48.69	64.78	-16.09	Line	-
Mode 1	Pass	AV	173.876k	32.31	54.78	-22.47	Line	-
Mode 1	Pass	QP	289.837k	34.02	60.53	-26.51	Line	-
Mode 1	Pass	AV	289.837k	23.47	50.53	-27.06	Line	-
Mode 1	Pass	QP	378.715k	31.02	58.31	-27.29	Line	-
Mode 1	Pass	AV	378.715k	21.41	48.31	-26.90	Line	-
Mode 1	Pass	QP	2.185M	28.52	56.00	-27.48	Line	-
Mode 1	Pass	AV	2.185M	20.71	46.00	-25.29	Line	-
Mode 1	Pass	QP	6.655M	23.21	60.00	-36.79	Line	-
Mode 1	Pass	AV	6.655M	19.22	50.00	-30.78	Line	-
Mode 1	Pass	QP	150k	52.01	66.00	-13.99	Neutral	-
Mode 1	Pass	AV	150k	36.30	56.00	-19.70	Neutral	-
Mode 1	Pass	QP	201.551k	43.48	63.55	-20.07	Neutral	-
Mode 1	Pass	AV	201.551k	28.91	53.55	-24.64	Neutral	-
Mode 1	Pass	QP	381.751k	28.09	58.24	-30.15	Neutral	-
Mode 1	Pass	AV	381.751k	18.82	48.24	-29.42	Neutral	-
Mode 1	Pass	QP	2.091M	19.88	56.00	-36.12	Neutral	-
Mode 1	Pass	AV	2.091M	16.08	46.00	-29.92	Neutral	-
Mode 1	Pass	QP	11.777M	22.41	60.00	-37.59	Neutral	-
Mode 1	Pass	AV	11.777M	18.74	50.00	-31.26	Neutral	-
Mode 1	Pass	QP	28.571M	23.94	60.00	-36.06	Neutral	-
Mode 1	Pass	AV	28.571M	20.45	50.00	-29.55	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	51.99	65.96	-13.97	19.62	Line	-	32.37	9.69	0.04	9.89			
AV	150.6k	36.27	55.96	-19.69	19.62	Line	-	16.65	9.69	0.04	9.89			
QP	173.876k	48.69	64.78	-16.09	19.61	Line	-	29.08	9.68	0.04	9.89			
AV	173.876k	32.31	54.78	-22.47	19.61	Line	-	12.70	9.68	0.04	9.89			
QP	289.837k	34.02	60.53	-26.51	19.61	Line	-	14.41	9.67	0.05	9.89			
AV	289.837k	23.47	50.53	-27.06	19.61	Line	-	3.86	9.67	0.05	9.89			
QP	378.715k	31.02	58.31	-27.29	19.62	Line	-	11.40	9.67	0.06	9.89			
AV	378.715k	21.41	48.31	-26.90	19.62	Line	-	1.79	9.67	0.06	9.89			
QP	2.185M	28.52	56.00	-27.48	19.67	Line	-	8.85	9.68	0.11	9.88			
AV	2.185M	20.71	46.00	-25.29	19.67	Line	-	1.04	9.68	0.11	9.88			
QP	6.655M	23.21	60.00	-36.79	19.77	Line	-	3.44	9.71	0.17	9.89			
AV	6.655M	19.22	50.00	-30.78	19.77	Line	-	-0.55	9.71	0.17	9.89			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	52.01	66.00	-13.99	19.62	Neutral	-	32.39	9.69	0.04	9.89			
AV	150k	36.30	56.00	-19.70	19.62	Neutral	-	16.68	9.69	0.04	9.89			
QP	201.551k	43.48	63.55	-20.07	19.61	Neutral	-	23.87	9.68	0.04	9.89			
AV	201.551k	28.91	53.55	-24.64	19.61	Neutral	-	9.30	9.68	0.04	9.89			
QP	381.751k	28.09	58.24	-30.15	19.62	Neutral	-	8.47	9.67	0.06	9.89			
AV	381.751k	18.82	48.24	-29.42	19.62	Neutral	-	-0.80	9.67	0.06	9.89			
QP	2.091M	19.88	56.00	-36.12	19.66	Neutral	-	0.22	9.68	0.10	9.88			
AV	2.091M	16.08	46.00	-29.92	19.66	Neutral	-	-3.58	9.68	0.10	9.88			
QP	11.777M	22.41	60.00	-37.59	19.84	Neutral	-	2.57	9.73	0.22	9.89			
AV	11.777M	18.74	50.00	-31.26	19.84	Neutral	-	-1.10	9.73	0.22	9.89			
QP	28.571M	23.94	60.00	-36.06	19.94	Neutral	-	4.00	9.71	0.33	9.90			
AV	28.571M	20.45	50.00	-29.55	19.94	Neutral	-	0.51	9.71	0.33	9.90			



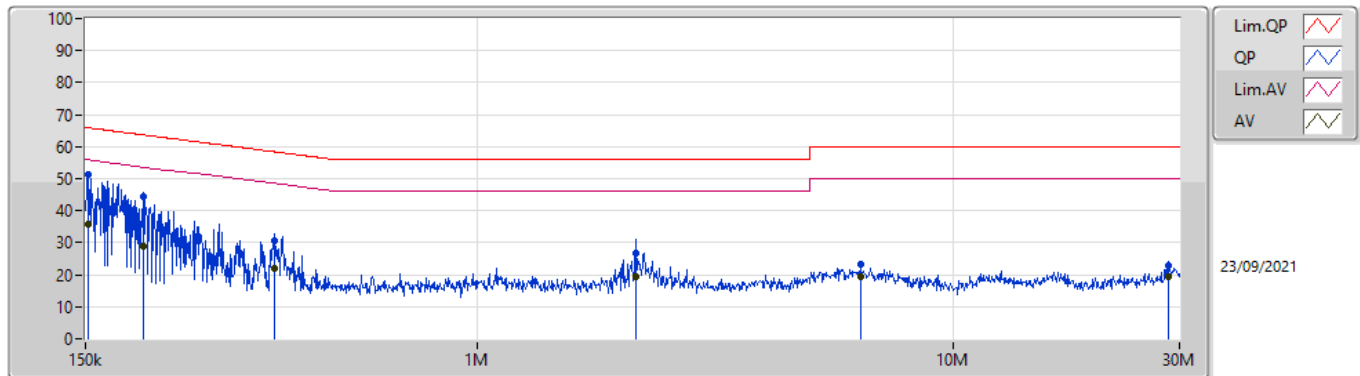
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	51.66	65.96	-14.30	Neutral

Mode Configure

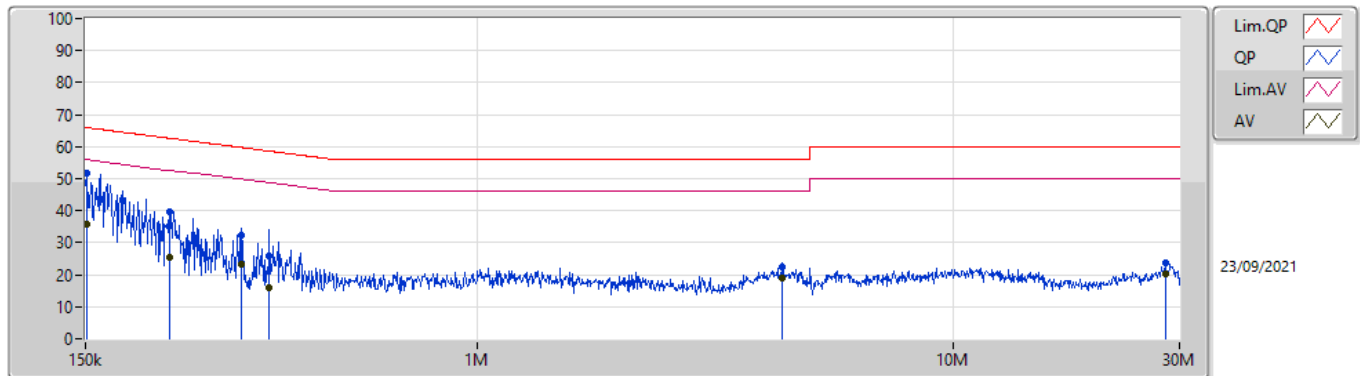
Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	51.18	65.87	-14.69	Line	-
Mode 1	Pass	AV	152.414k	35.74	55.87	-20.13	Line	-
Mode 1	Pass	QP	198.359k	44.24	63.69	-19.45	Line	-
Mode 1	Pass	AV	198.359k	28.85	53.69	-24.84	Line	-
Mode 1	Pass	QP	375.703k	30.50	58.37	-27.87	Line	-
Mode 1	Pass	AV	375.703k	22.05	48.37	-26.32	Line	-
Mode 1	Pass	QP	2.15M	26.89	56.00	-29.11	Line	-
Mode 1	Pass	AV	2.15M	19.37	46.00	-26.63	Line	-
Mode 1	Pass	QP	6.394M	23.13	60.00	-36.87	Line	-
Mode 1	Pass	AV	6.394M	19.19	50.00	-30.81	Line	-
Mode 1	Pass	QP	28.457M	22.69	60.00	-37.31	Line	-
Mode 1	Pass	AV	28.457M	19.26	50.00	-30.74	Line	-
Mode 1	Pass	QP	150.6k	51.66	65.96	-14.30	Neutral	-
Mode 1	Pass	AV	150.6k	35.91	55.96	-20.05	Neutral	-
Mode 1	Pass	QP	225.388k	39.44	62.62	-23.18	Neutral	-
Mode 1	Pass	AV	225.388k	25.64	52.62	-26.98	Neutral	-
Mode 1	Pass	QP	318.98k	32.21	59.73	-27.52	Neutral	-
Mode 1	Pass	AV	318.98k	23.32	49.73	-26.41	Neutral	-
Mode 1	Pass	QP	365.35k	25.71	58.60	-32.89	Neutral	-
Mode 1	Pass	AV	365.35k	15.83	48.60	-32.77	Neutral	-
Mode 1	Pass	QP	4.394M	22.50	56.00	-33.50	Neutral	-
Mode 1	Pass	AV	4.394M	18.91	46.00	-27.09	Neutral	-
Mode 1	Pass	QP	28.006M	23.87	60.00	-36.13	Neutral	-
Mode 1	Pass	AV	28.006M	20.45	50.00	-29.55	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	51.18	65.87	-14.69	19.62	Line	-	31.56	9.69	0.04	9.89			
AV	152.414k	35.74	55.87	-20.13	19.62	Line	-	16.12	9.69	0.04	9.89			
QP	198.359k	44.24	63.69	-19.45	19.61	Line	-	24.63	9.68	0.04	9.89			
AV	198.359k	28.85	53.69	-24.84	19.61	Line	-	9.24	9.68	0.04	9.89			
QP	375.703k	30.50	58.37	-27.87	19.62	Line	-	10.88	9.67	0.06	9.89			
AV	375.703k	22.05	48.37	-26.32	19.62	Line	-	2.43	9.67	0.06	9.89			
QP	2.15M	26.89	56.00	-29.11	19.66	Line	-	7.23	9.68	0.10	9.88			
AV	2.15M	19.37	46.00	-26.63	19.66	Line	-	-0.29	9.68	0.10	9.88			
QP	6.394M	23.13	60.00	-36.87	19.77	Line	-	3.36	9.71	0.17	9.89			
AV	6.394M	19.19	50.00	-30.81	19.77	Line	-	-0.58	9.71	0.17	9.89			
QP	28.457M	22.69	60.00	-37.31	19.78	Line	-	2.91	9.55	0.33	9.90			
AV	28.457M	19.26	50.00	-30.74	19.78	Line	-	-0.52	9.55	0.33	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	51.66	65.96	-14.30	19.62	Neutral	-	32.04	9.69	0.04	9.89			
AV	150.6k	35.91	55.96	-20.05	19.62	Neutral	-	16.29	9.69	0.04	9.89			
QP	225.388k	39.44	62.62	-23.18	19.61	Neutral	-	19.83	9.68	0.04	9.89			
AV	225.388k	25.64	52.62	-26.98	19.61	Neutral	-	6.03	9.68	0.04	9.89			
QP	318.98k	32.21	59.73	-27.52	19.61	Neutral	-	12.60	9.67	0.05	9.89			
AV	318.98k	23.32	49.73	-26.41	19.61	Neutral	-	3.71	9.67	0.05	9.89			
QP	365.35k	25.71	58.60	-32.89	19.62	Neutral	-	6.09	9.67	0.06	9.89			
AV	365.35k	15.83	48.60	-32.77	19.62	Neutral	-	-3.79	9.67	0.06	9.89			
QP	4.394M	22.50	56.00	-33.50	19.73	Neutral	-	2.77	9.69	0.15	9.89			
AV	4.394M	18.91	46.00	-27.09	19.73	Neutral	-	-0.82	9.69	0.15	9.89			
QP	28.006M	23.87	60.00	-36.13	19.94	Neutral	-	3.93	9.71	0.33	9.90			
AV	28.006M	20.45	50.00	-29.55	19.94	Neutral	-	0.51	9.71	0.33	9.90			

**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	8.525M	12.894M	12M9G1D	8.025M	12.819M
802.11g_Nss1,(6Mbps)_2TX	15.125M	16.542M	16M5D1D	15M	16.417M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.375M	18.941M	18M9D1D	17.9M	18.791M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.6M	37.831M	37M8D1D	35.1M	37.731M

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

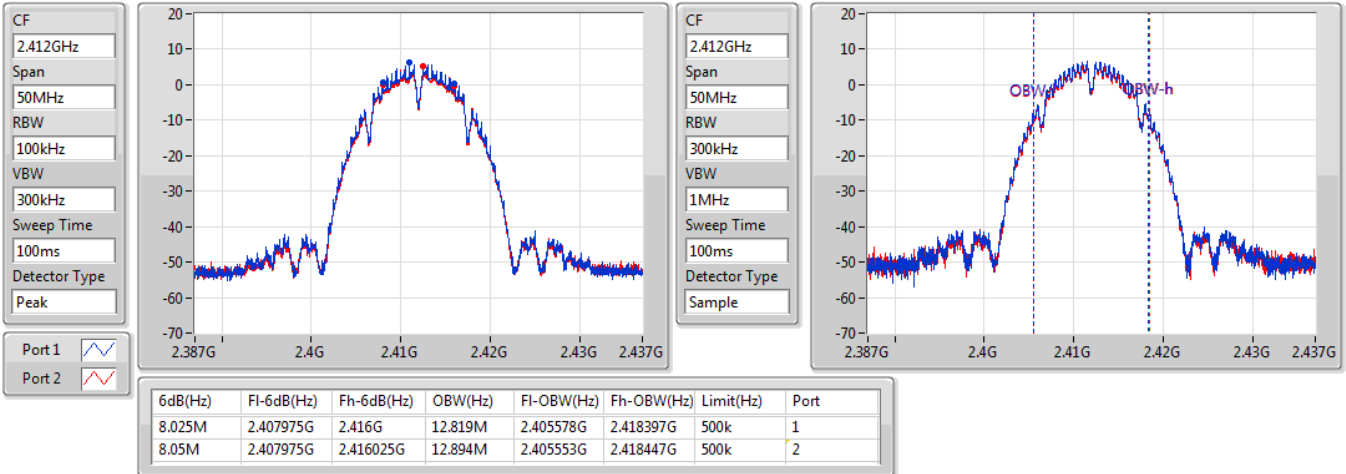
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	12.819M	8.05M	12.894M
2437MHz	Pass	500k	8.025M	12.844M	8.525M	12.869M
2462MHz	Pass	500k	8.025M	12.844M	8.025M	12.844M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.125M	16.417M	15.025M	16.417M
2437MHz	Pass	500k	15.075M	16.542M	15.05M	16.467M
2462MHz	Pass	500k	15M	16.442M	15.075M	16.517M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.05M	18.866M	18.175M	18.791M
2437MHz	Pass	500k	18.375M	18.941M	18.025M	18.916M
2462MHz	Pass	500k	17.975M	18.916M	17.9M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	37.731M	37.6M	37.731M
2437MHz	Pass	500k	35.75M	37.831M	37.1M	37.831M
2452MHz	Pass	500k	36.4M	37.731M	37.6M	37.831M

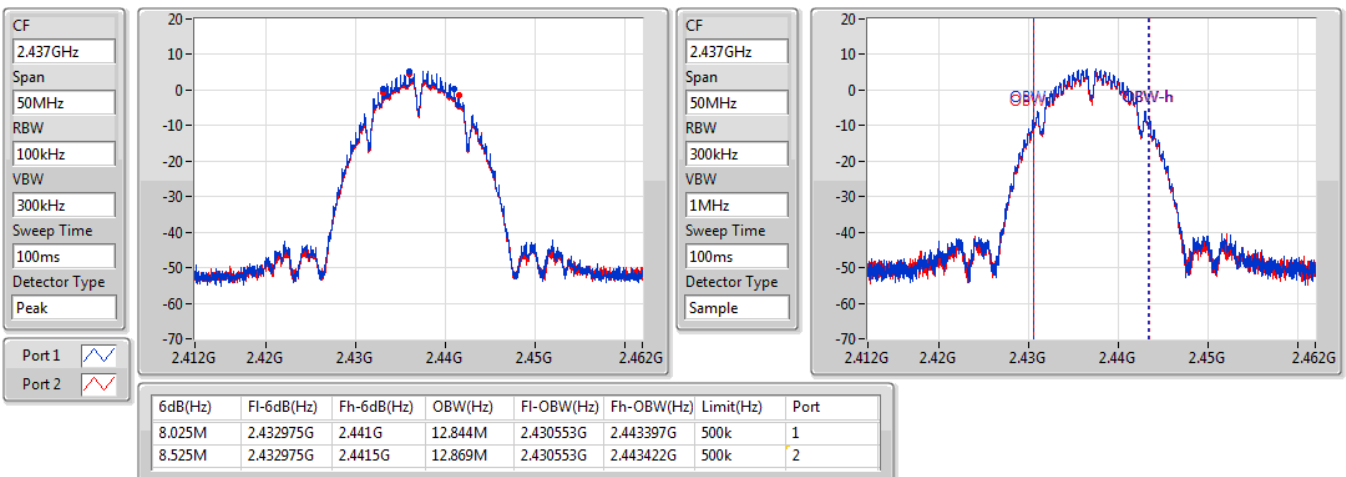
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

16/09/2021


802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

16/09/2021

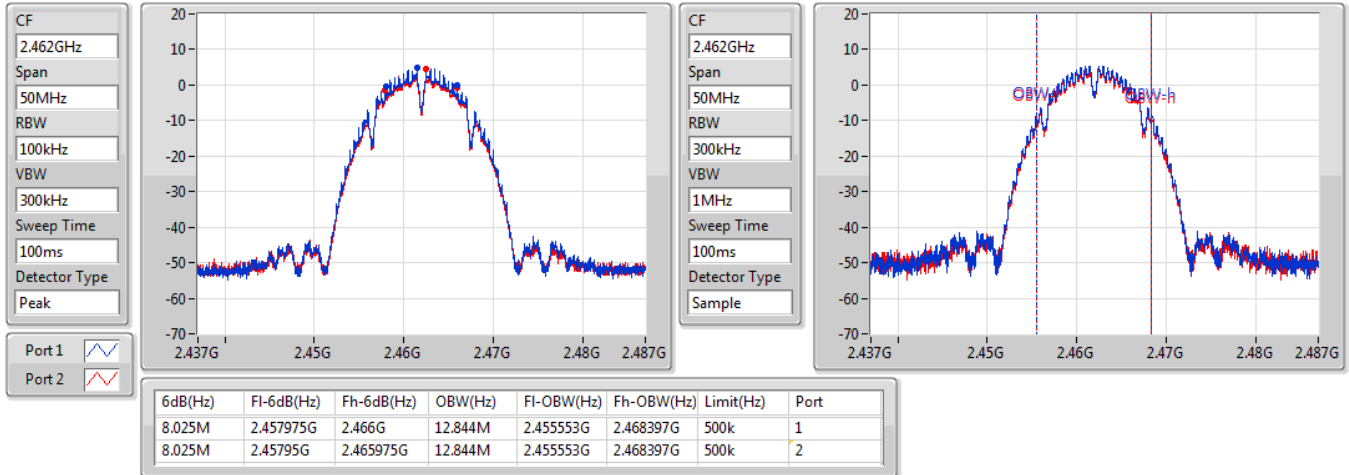


802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

16/09/2021

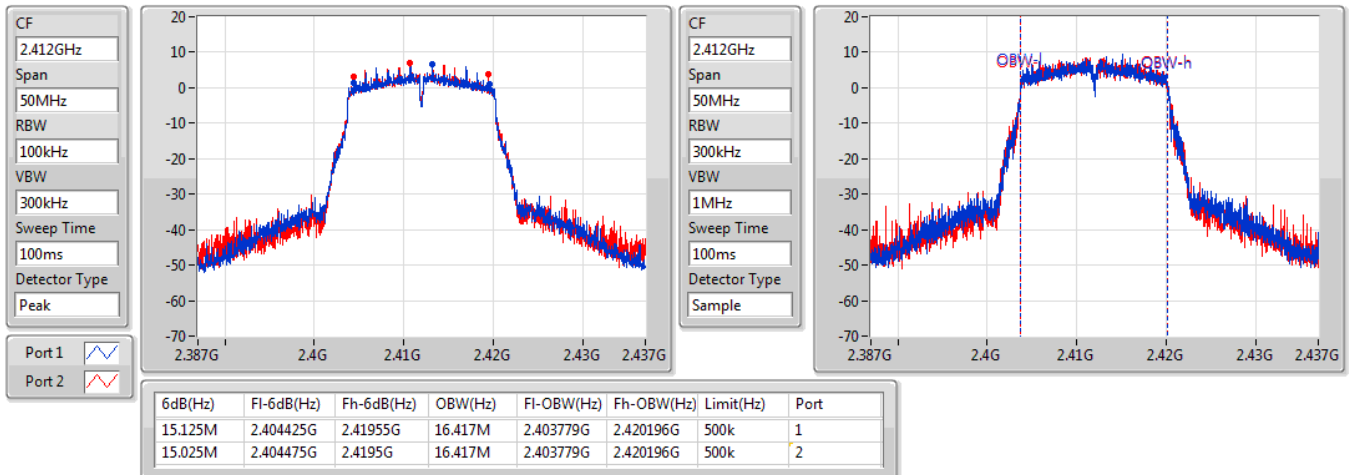


802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

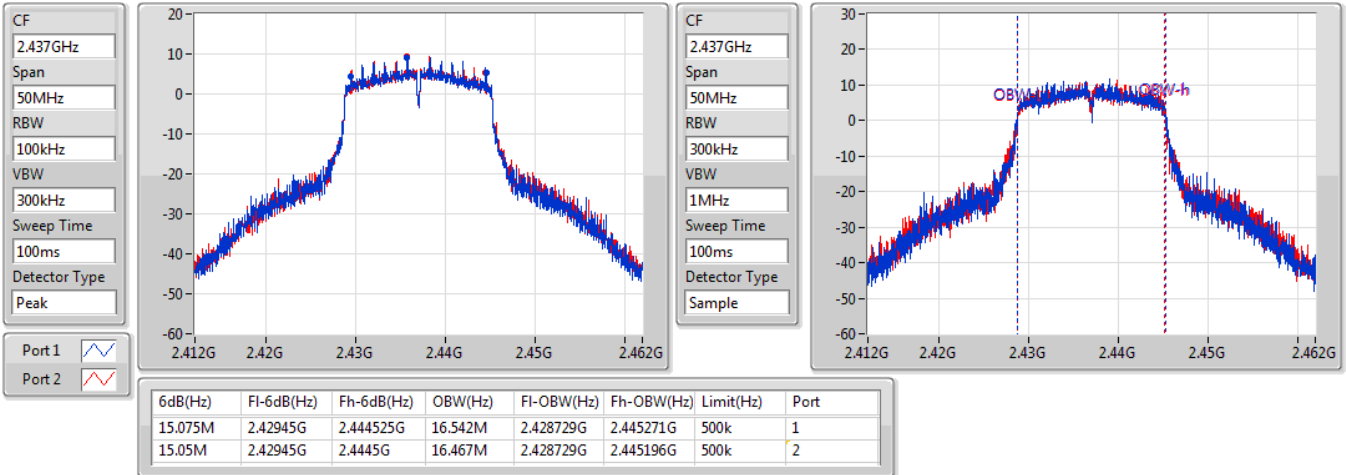
16/09/2021



802.11g_Nss1,(6Mbps)_2TX

2437MHz

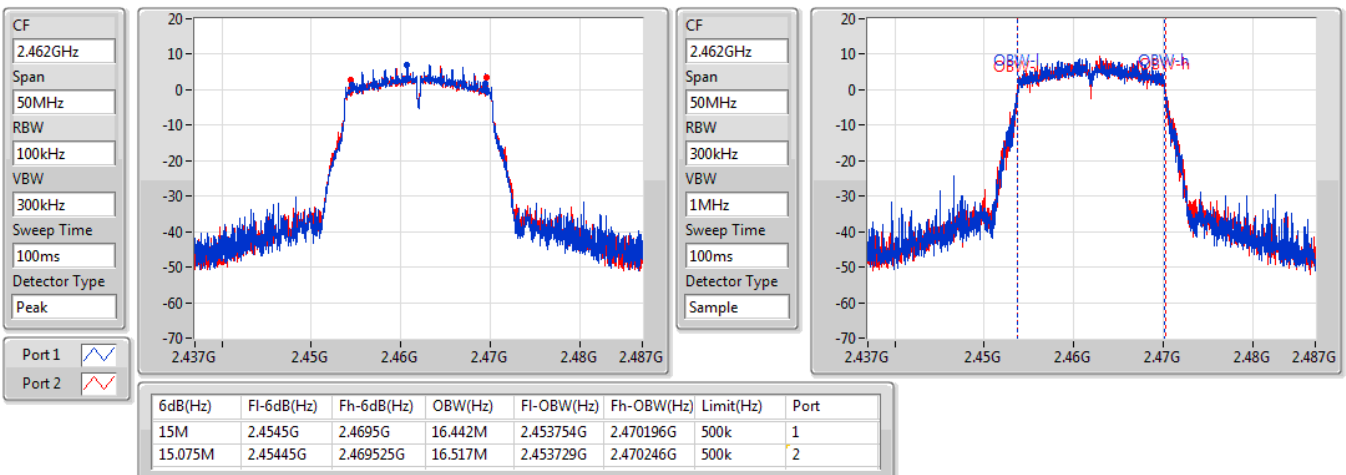
16/09/2021



802.11g_Nss1,(6Mbps)_2TX

2462MHz

16/09/2021

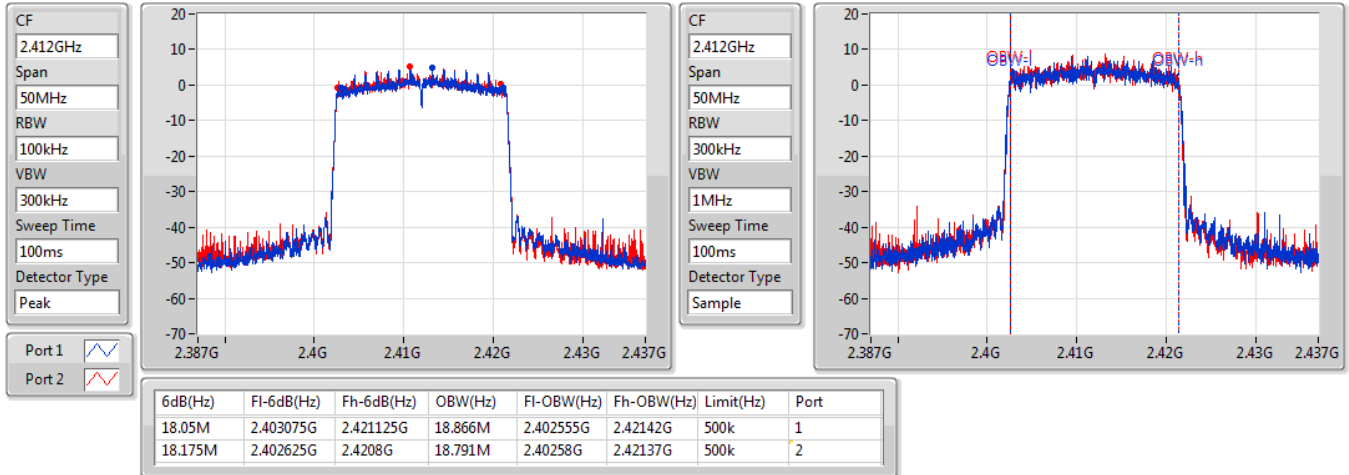


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

16/09/2021

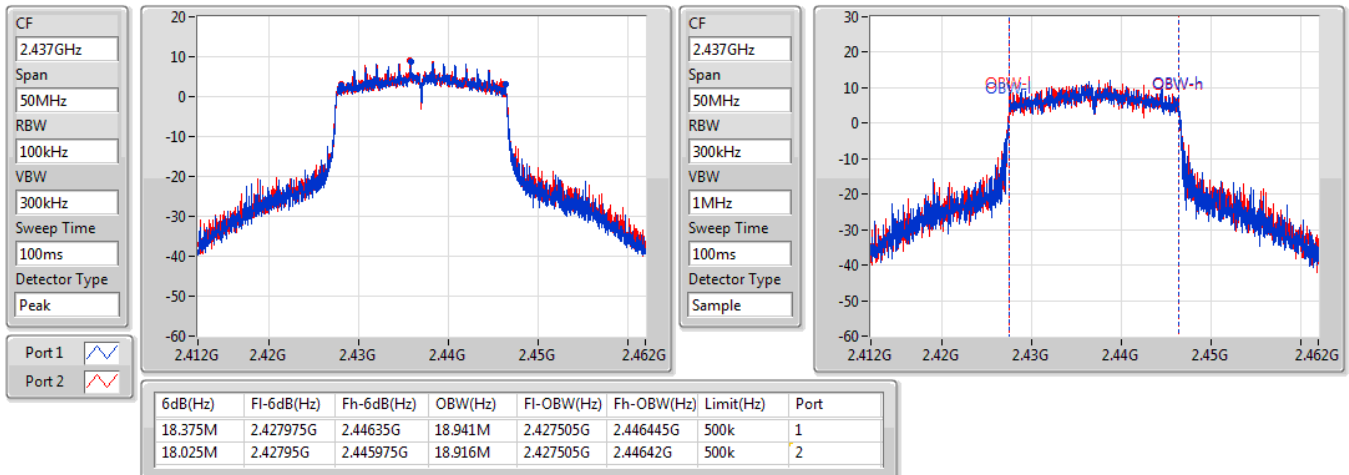


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

16/09/2021

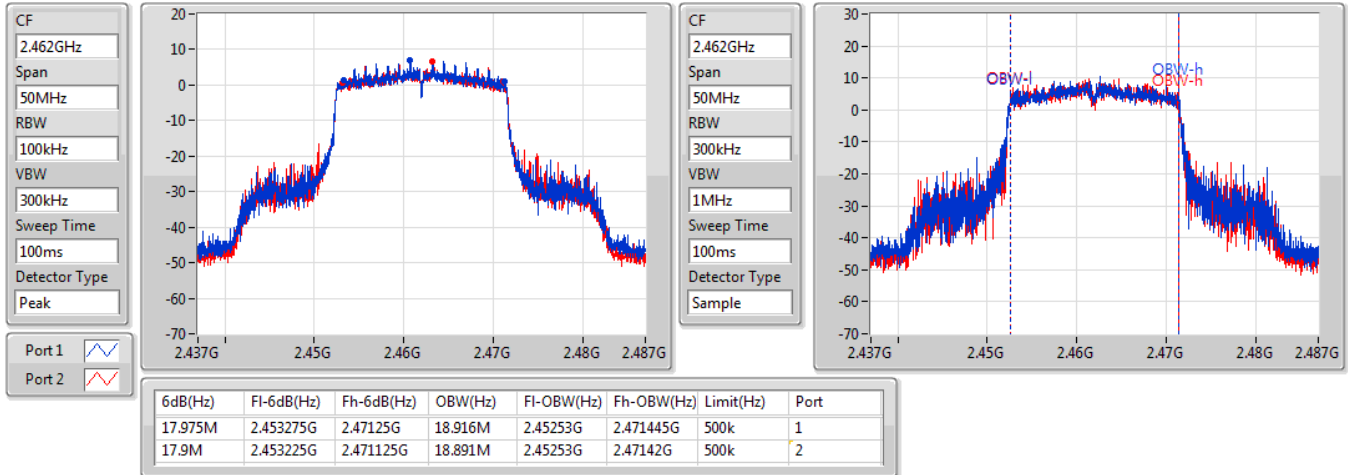


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

16/09/2021

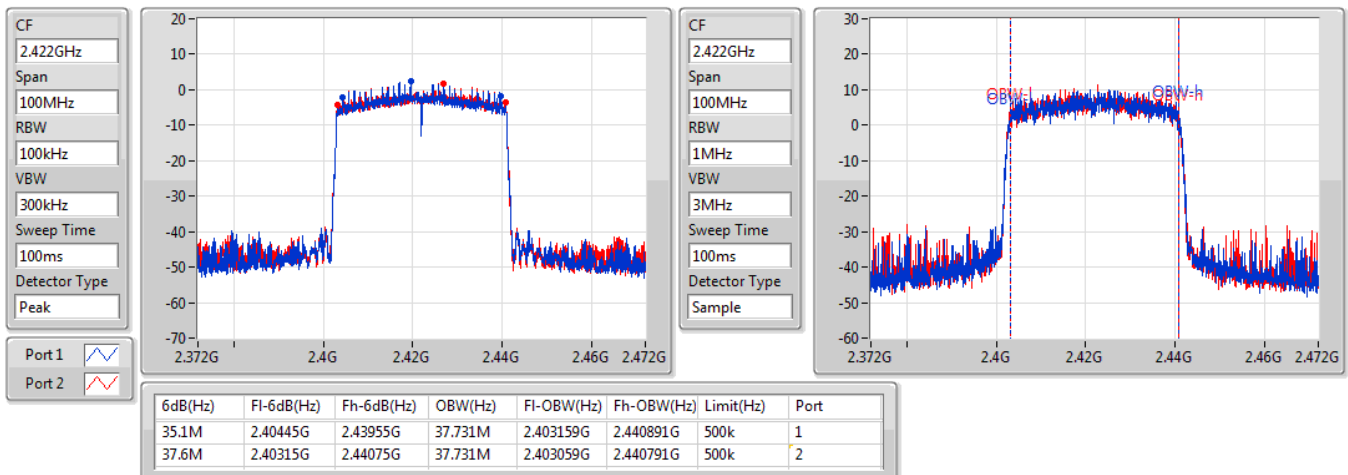


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

16/09/2021

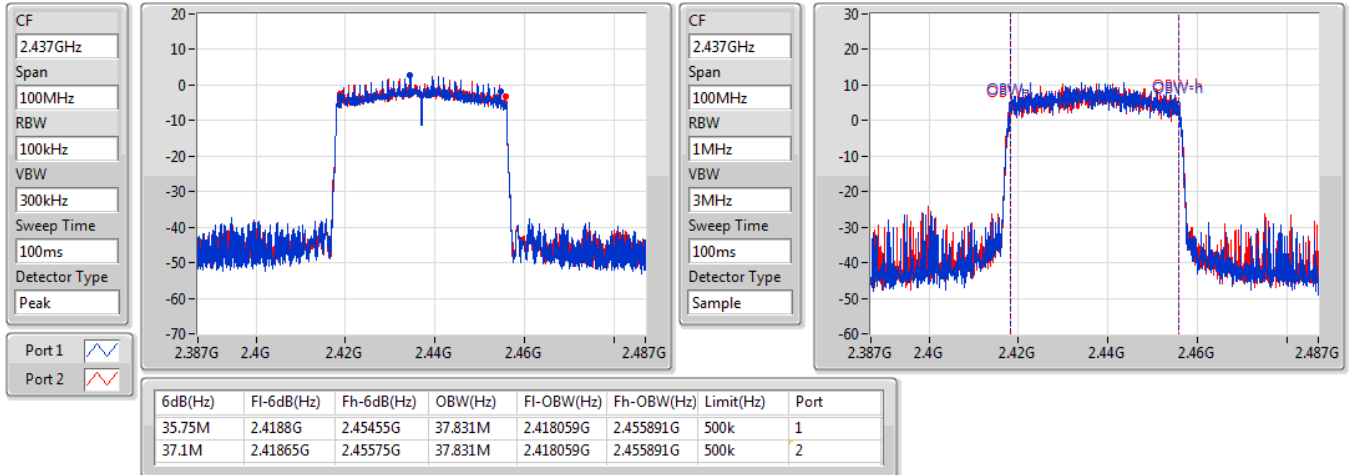


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

16/09/2021

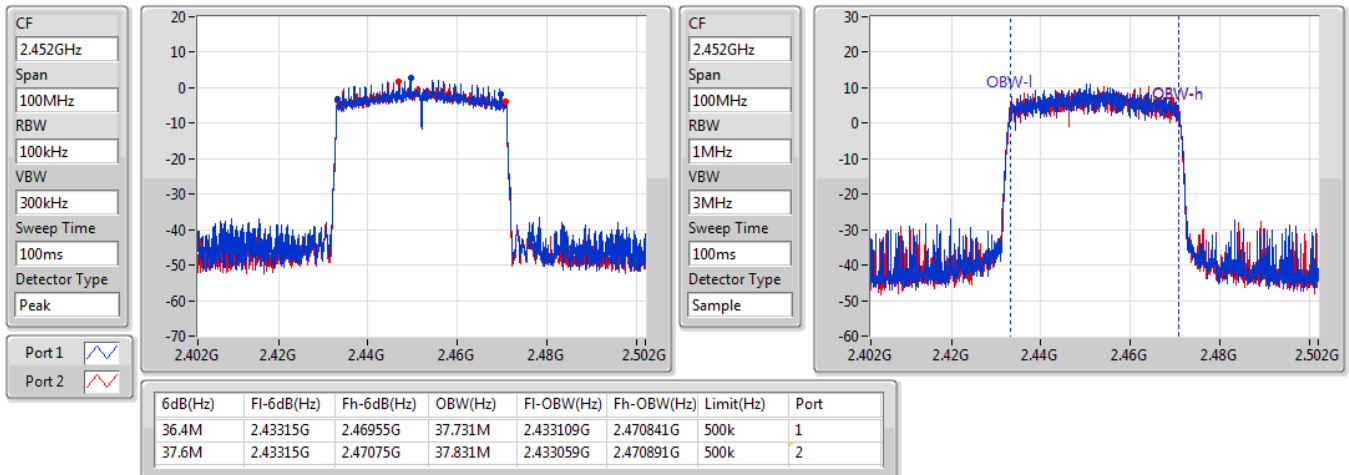


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

16/09/2021





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.85M	19.065M	19M1D1D	18.075M	18.816M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.75M	37.931M	37M9D1D	37.4M	37.781M

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

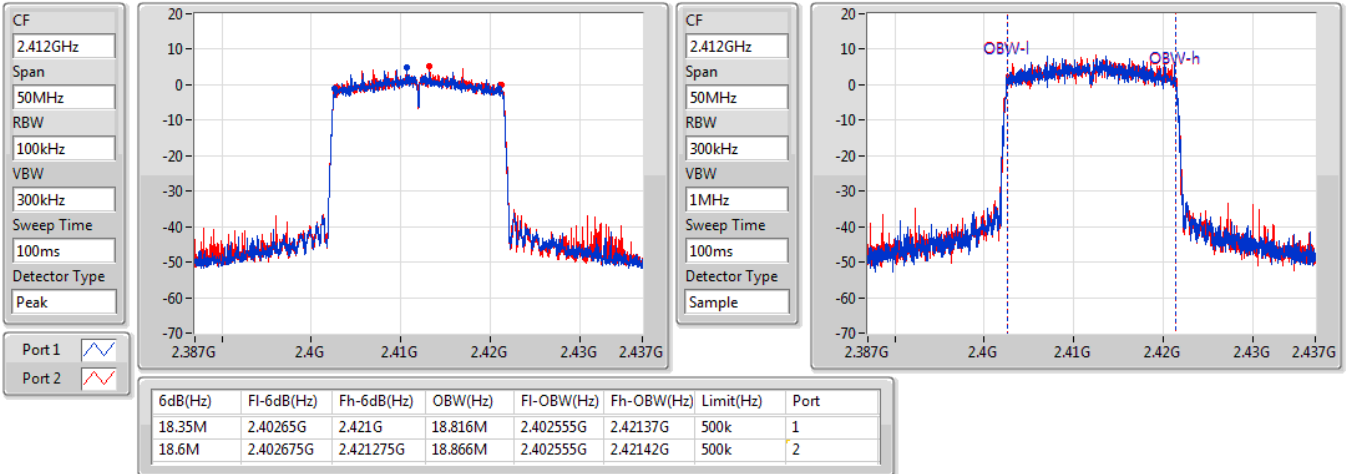
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.35M	18.816M	18.6M	18.866M
2437MHz	Pass	500k	18.675M	18.991M	18.075M	19.065M
2462MHz	Pass	500k	18.7M	18.991M	18.85M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.75M	37.881M	37.4M	37.881M
2437MHz	Pass	500k	37.4M	37.781M	37.65M	37.931M
2452MHz	Pass	500k	37.55M	37.881M	37.75M	37.831M

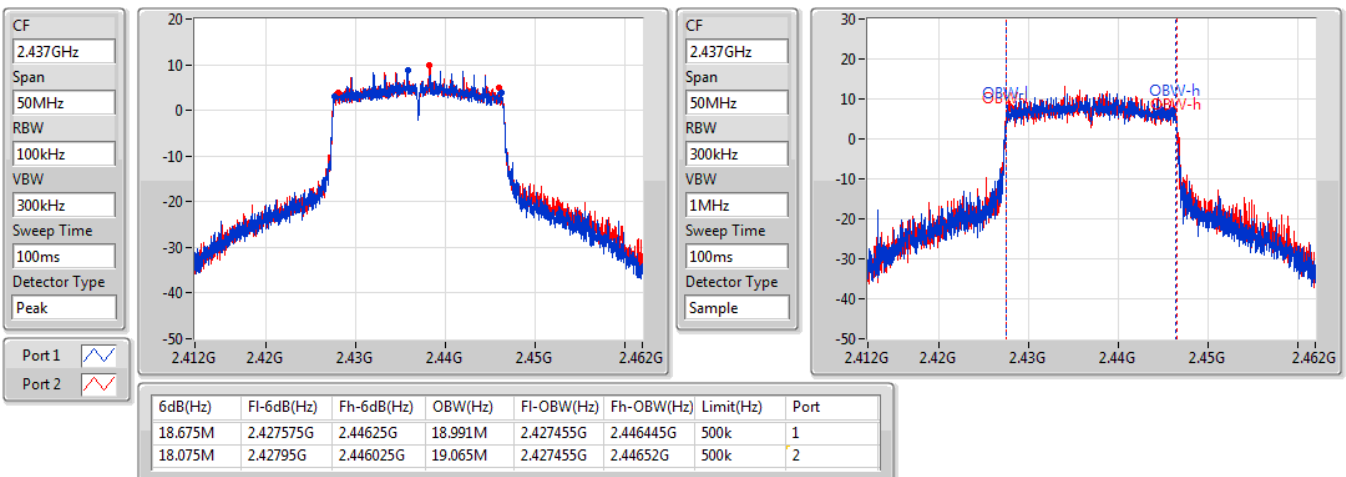
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2412MHz

16/09/2021


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

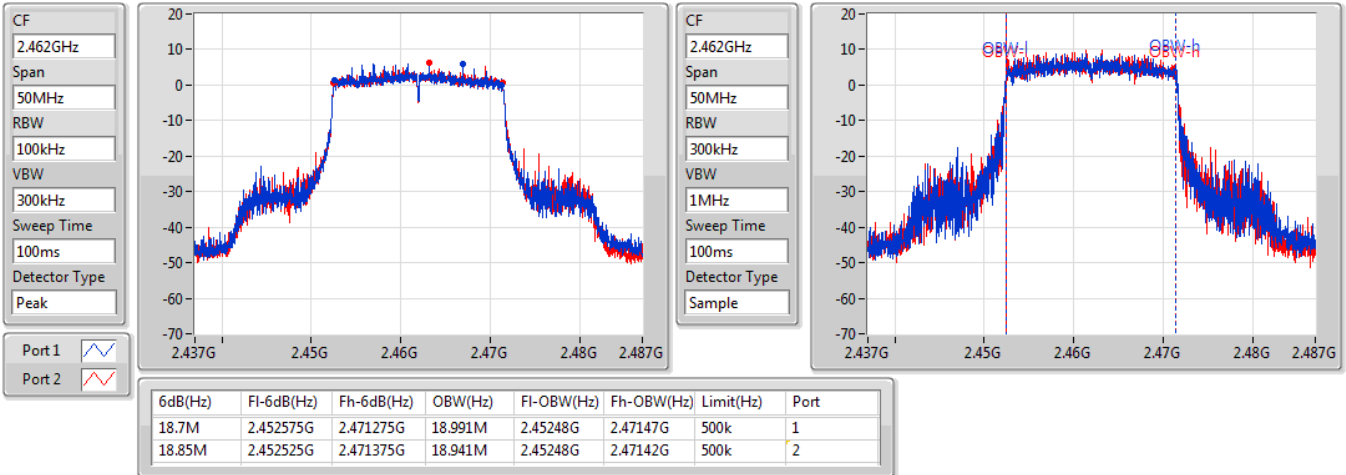
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802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz

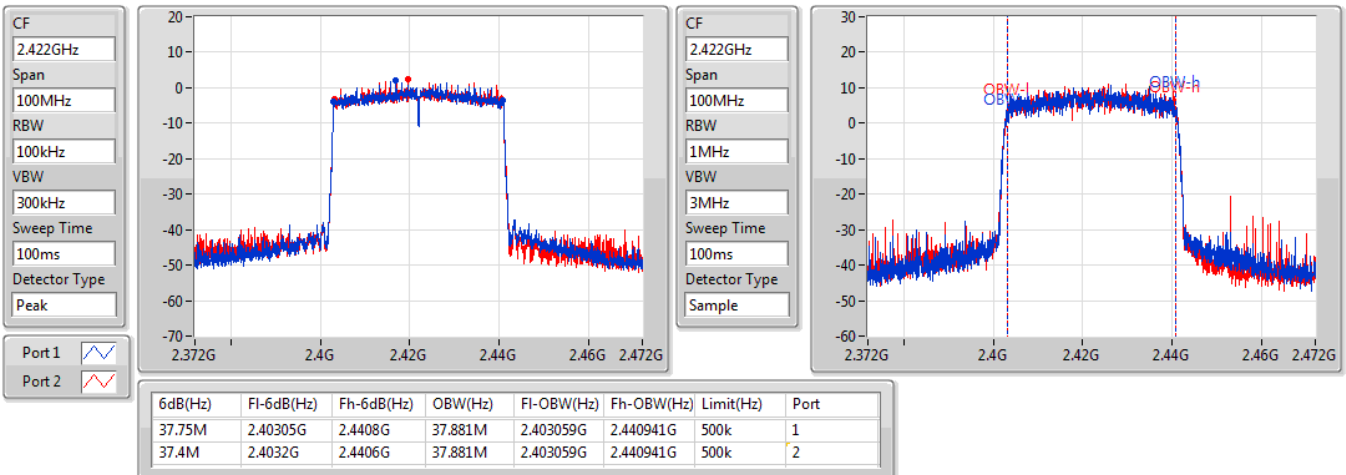
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802.11ax HEW40-BF_Nss1,(MCS0)_2TX

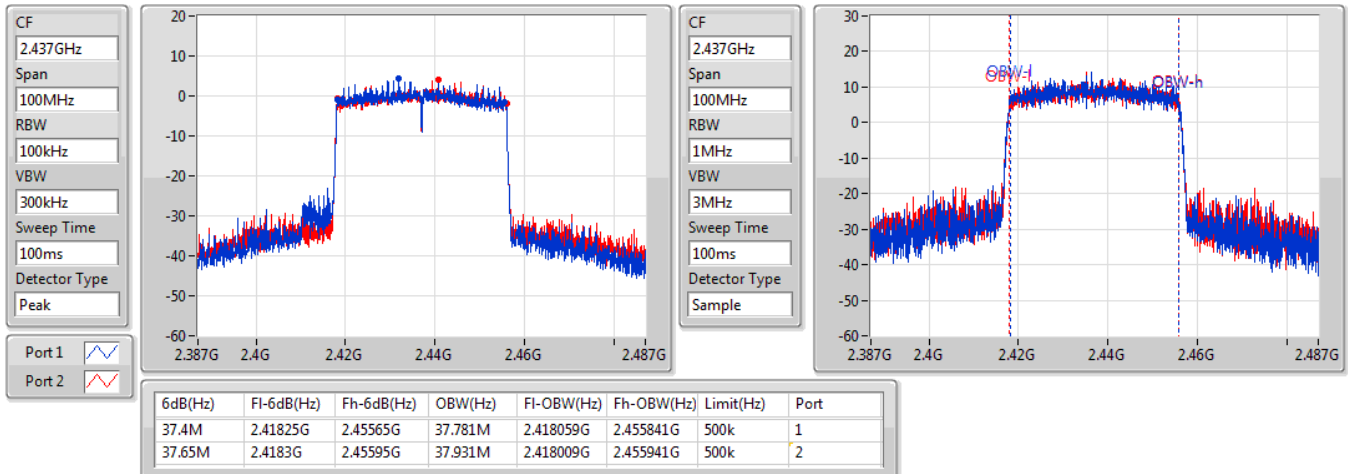
2422MHz

16/09/2021

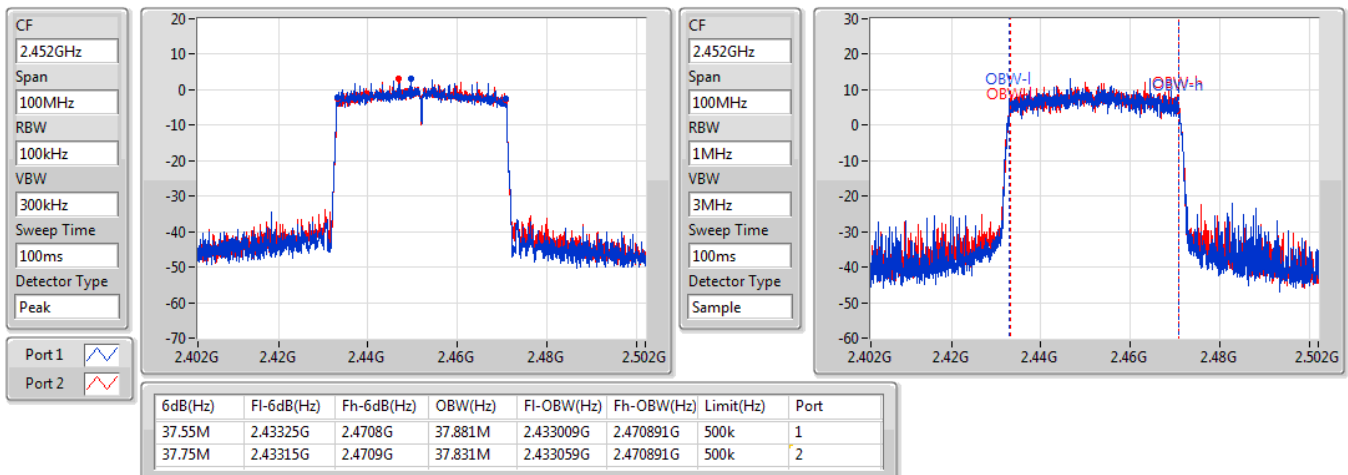


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

16/09/2021


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
2452MHz

16/09/2021





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	17.21	0.05260
802.11g_Nss1,(6Mbps)_2TX	22.47	0.17660
802.11ax HEW20_Nss1,(MCS0)_2TX	22.46	0.17620
802.11ax HEW40_Nss1,(MCS0)_2TX	19.15	0.08222

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	14.56	13.80	17.21	30.00
2437MHz	Pass	2.70	13.15	13.21	16.19	30.00
2457MHz	Pass	2.70	12.77	12.14	15.48	30.00
2462MHz	Pass	2.70	13.28	12.61	15.97	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	17.30	17.50	20.41	30.00
2417MHz	Pass	2.70	17.25	17.40	20.34	30.00
2437MHz	Pass	2.70	19.40	19.51	22.47	30.00
2457MHz	Pass	2.70	18.58	18.26	21.43	30.00
2462MHz	Pass	2.70	17.62	17.47	20.56	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.70	15.88	16.07	18.99	30.00
2417MHz	Pass	2.70	16.38	16.44	19.42	30.00
2437MHz	Pass	2.70	19.43	19.47	22.46	30.00
2457MHz	Pass	2.70	18.19	18.16	21.19	30.00
2462MHz	Pass	2.70	17.69	17.55	20.63	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.70	15.77	15.93	18.86	30.00
2437MHz	Pass	2.70	16.03	16.24	19.15	30.00
2452MHz	Pass	2.70	16.00	15.96	18.99	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.89	0.19454
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.04	0.12706

**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	16.12	16.16	19.15	30.00
2417MHz	Pass	5.71	17.49	17.62	20.57	30.00
2437MHz	Pass	5.71	19.82	19.94	22.89	30.00
2457MHz	Pass	5.71	19.31	19.49	22.41	30.00
2462MHz	Pass	5.71	17.58	17.70	20.65	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	16.34	16.42	19.39	30.00
2427MHz	Pass	5.71	16.80	16.94	19.88	30.00
2437MHz	Pass	5.71	17.79	18.26	21.04	30.00
2447MHz	Pass	5.71	17.59	17.71	20.66	30.00
2452MHz	Pass	5.71	17.01	17.24	20.14	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	-7.37
802.11g_Nss1,(6Mbps)_2TX	-3.82
802.11ax HEW20_Nss1,(MCS0)_2TX	-5.42
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.72

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	-9.12	-9.60	-7.59	8.00
2437MHz	Pass	5.71	-9.53	-9.34	-7.37	8.00
2462MHz	Pass	5.71	-10.46	-9.96	-7.78	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-7.93	-7.09	-6.12	8.00
2437MHz	Pass	5.71	-4.92	-5.51	-3.82	8.00
2462MHz	Pass	5.71	-7.26	-7.58	-5.62	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-8.88	-9.68	-6.93	8.00
2437MHz	Pass	5.71	-7.14	-6.05	-5.42	8.00
2462MHz	Pass	5.71	-8.47	-7.90	-5.51	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	-11.91	-11.97	-10.72	8.00
2437MHz	Pass	5.71	-11.92	-13.51	-11.28	8.00
2452MHz	Pass	5.71	-12.19	-12.52	-11.20	8.00

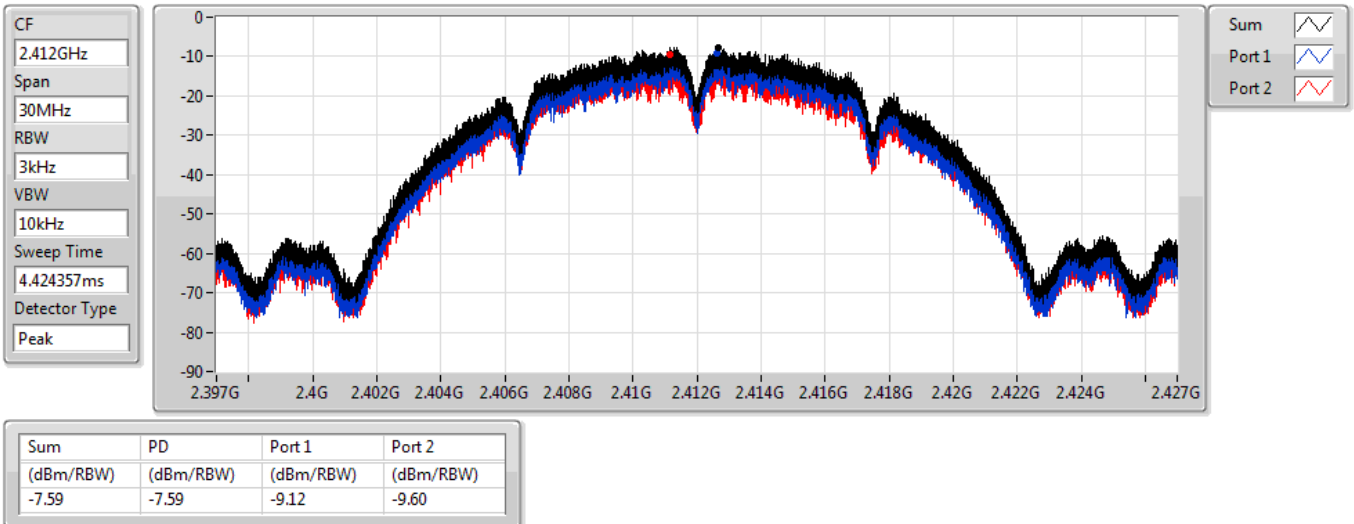
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

16/09/2021

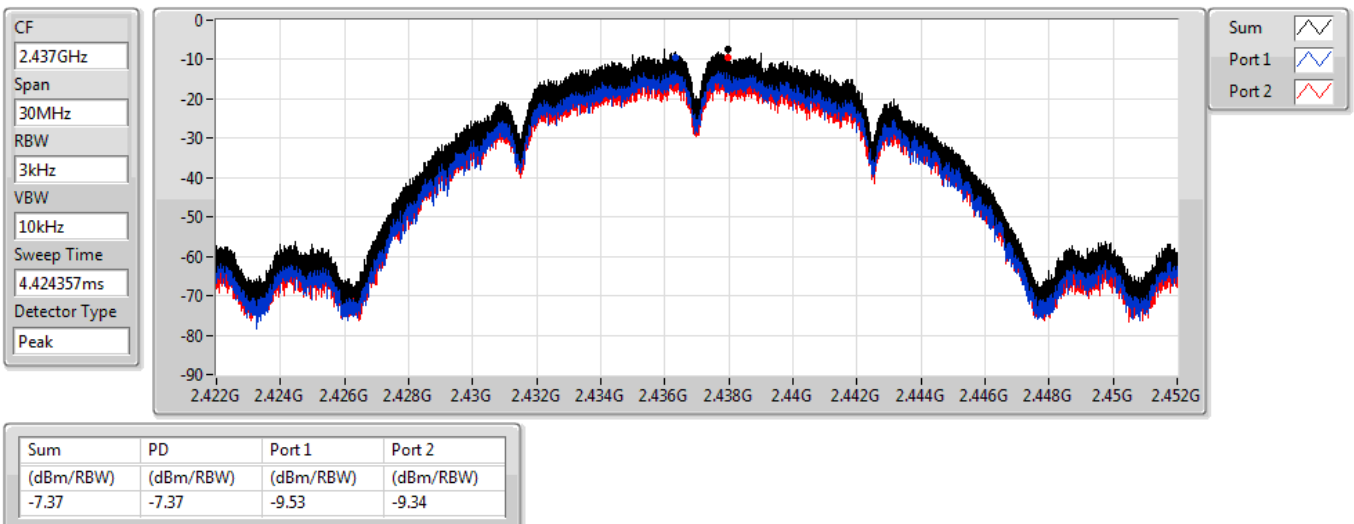


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

16/09/2021

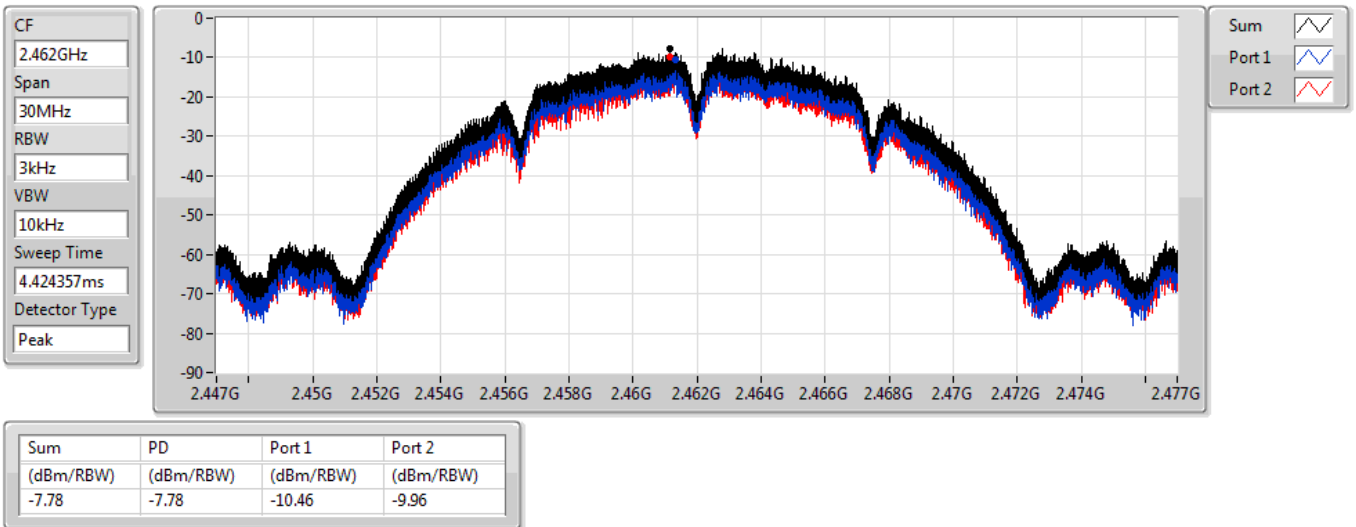


802.11b_Nss1,(1Mbps)_2TX

2462MHz

PSD

16/09/2021

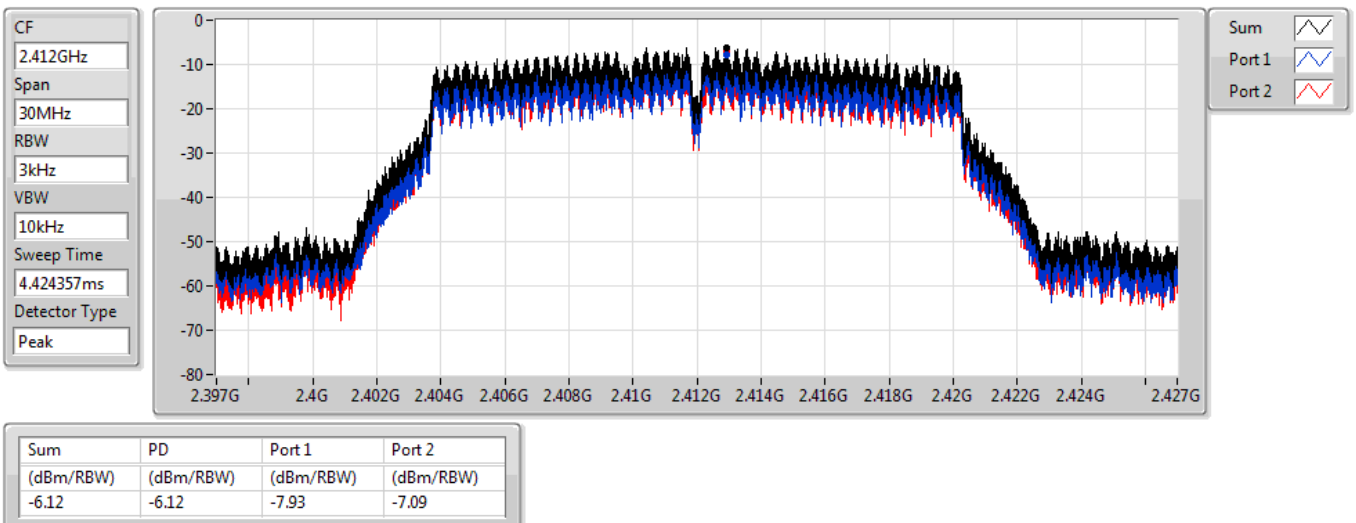


802.11g_Nss1,(6Mbps)_2TX

2412MHz

PSD

16/09/2021

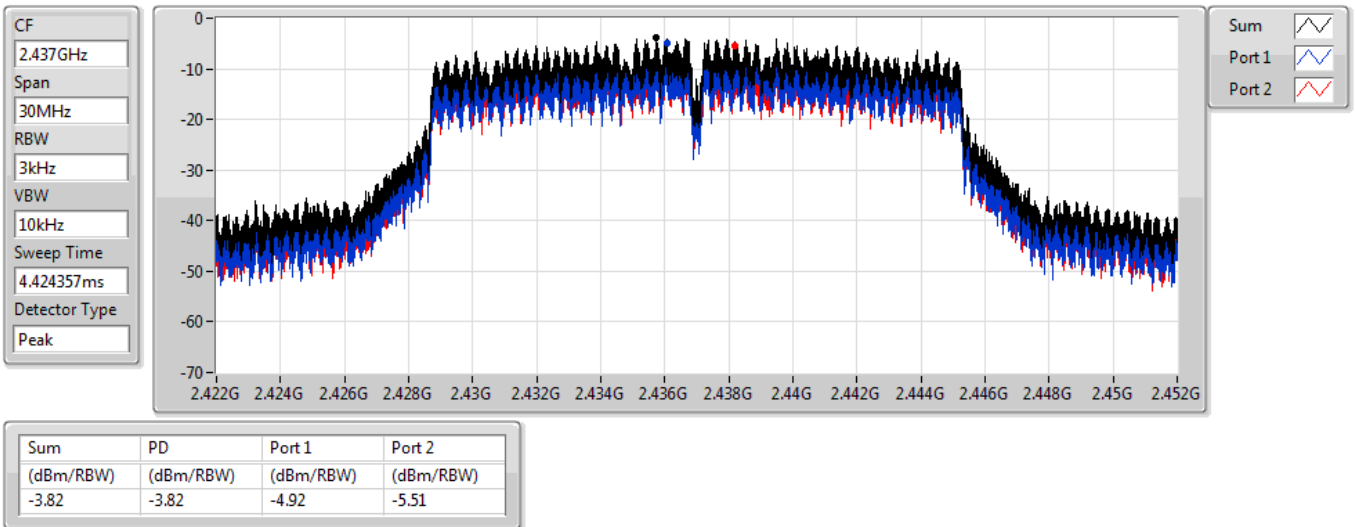


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

16/09/2021

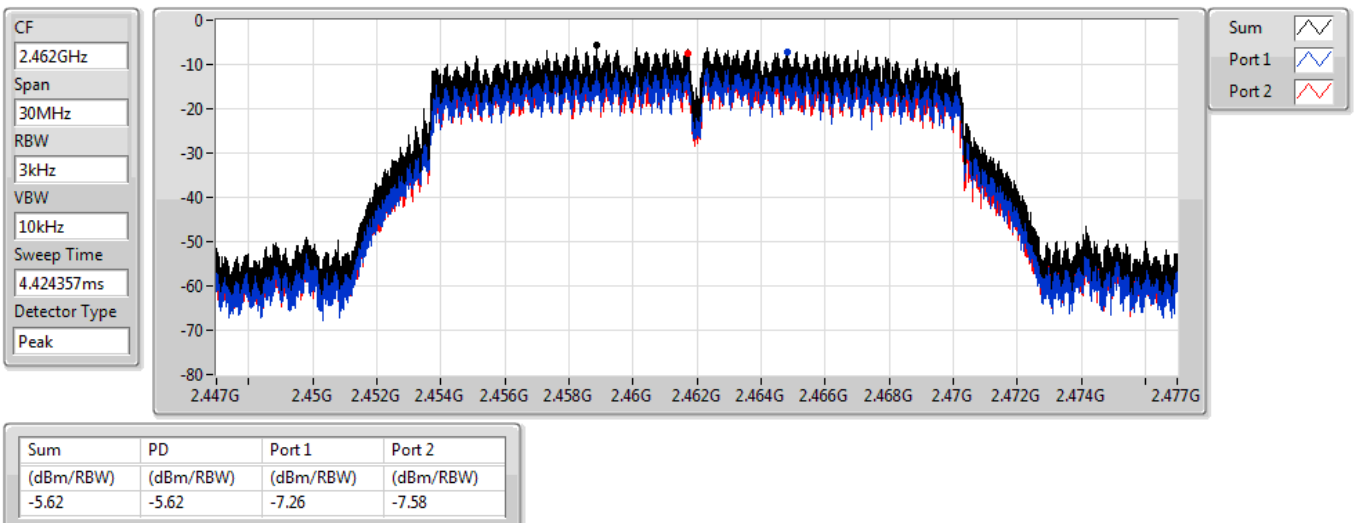


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

16/09/2021

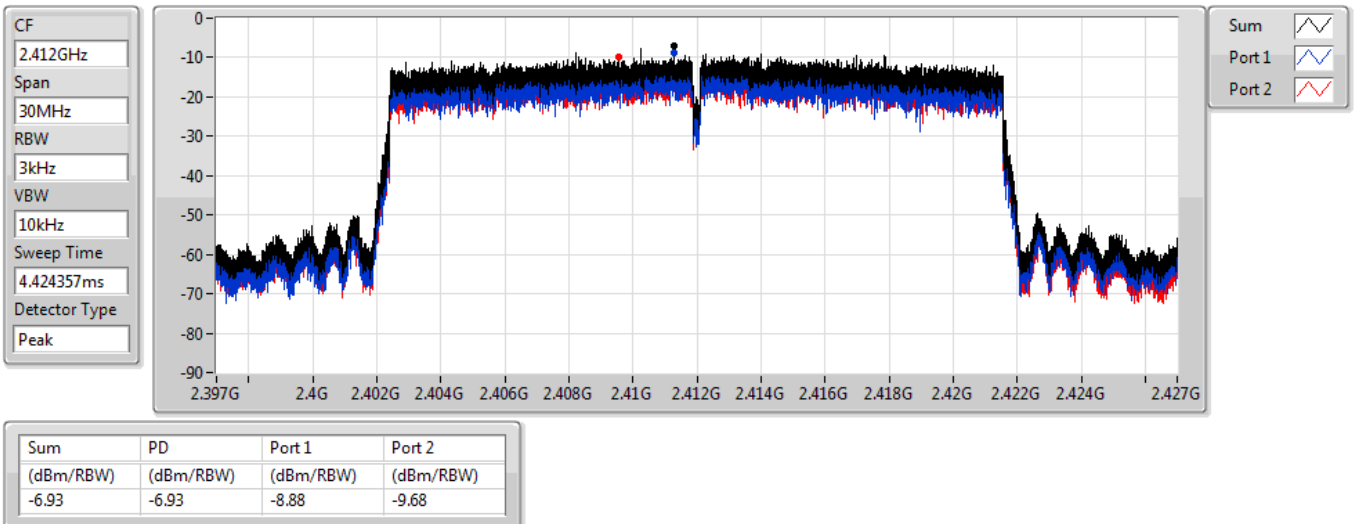


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

16/09/2021

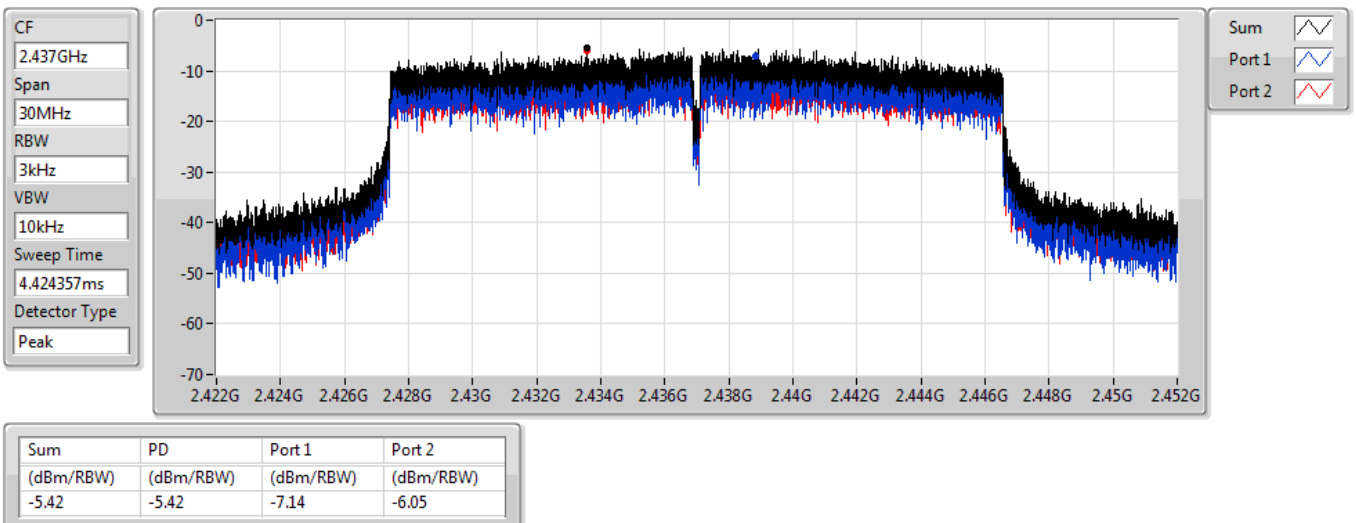


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

16/09/2021

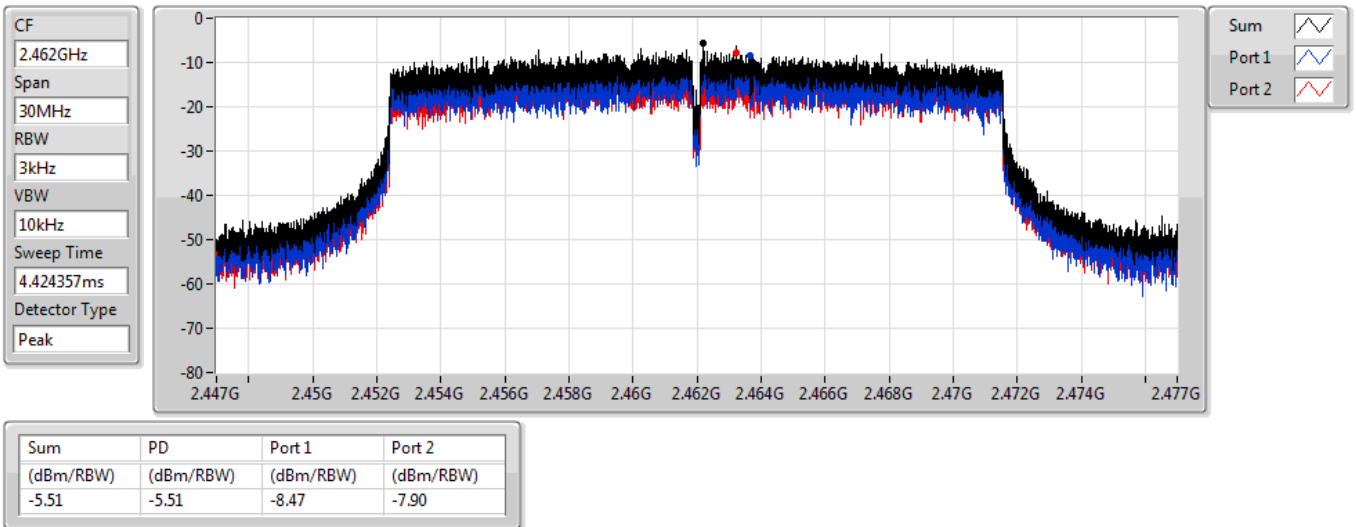


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

16/09/2021

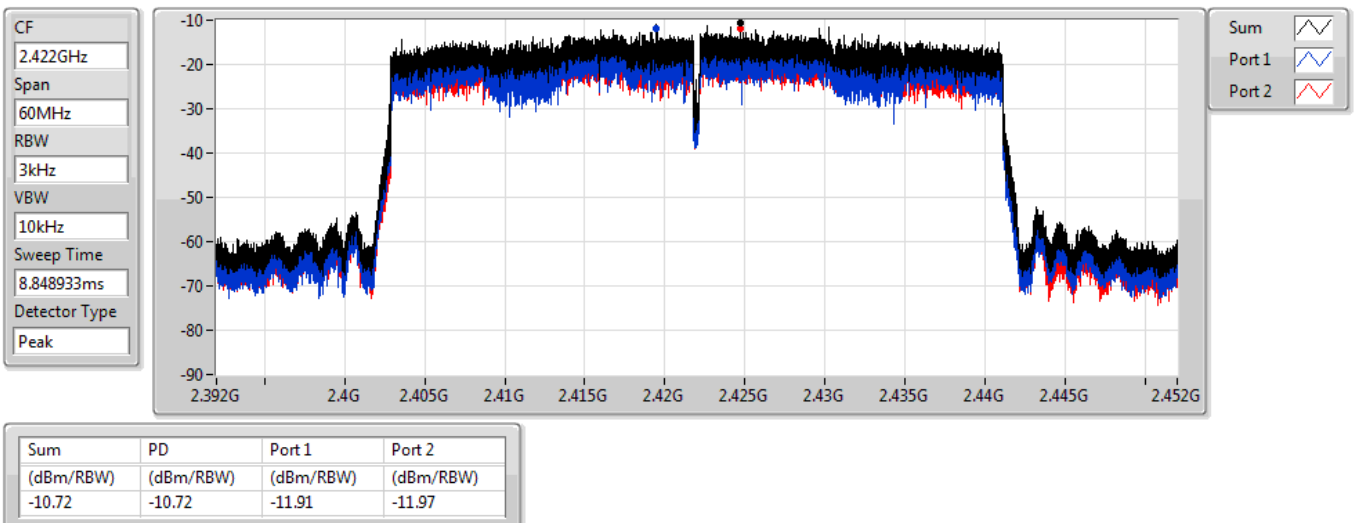


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

16/09/2021

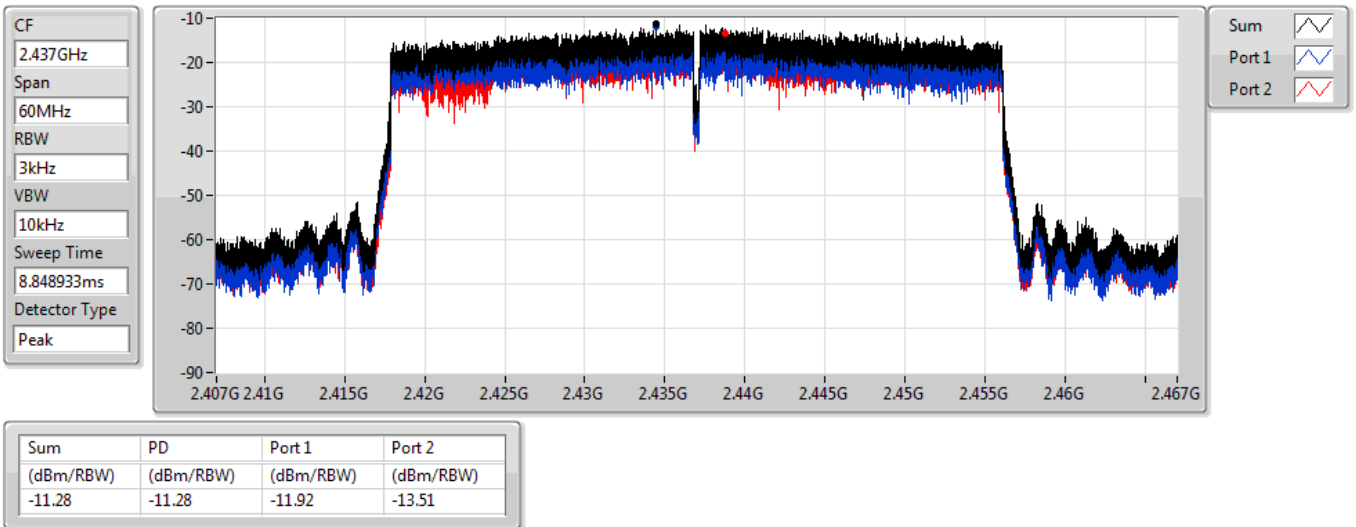


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

16/09/2021

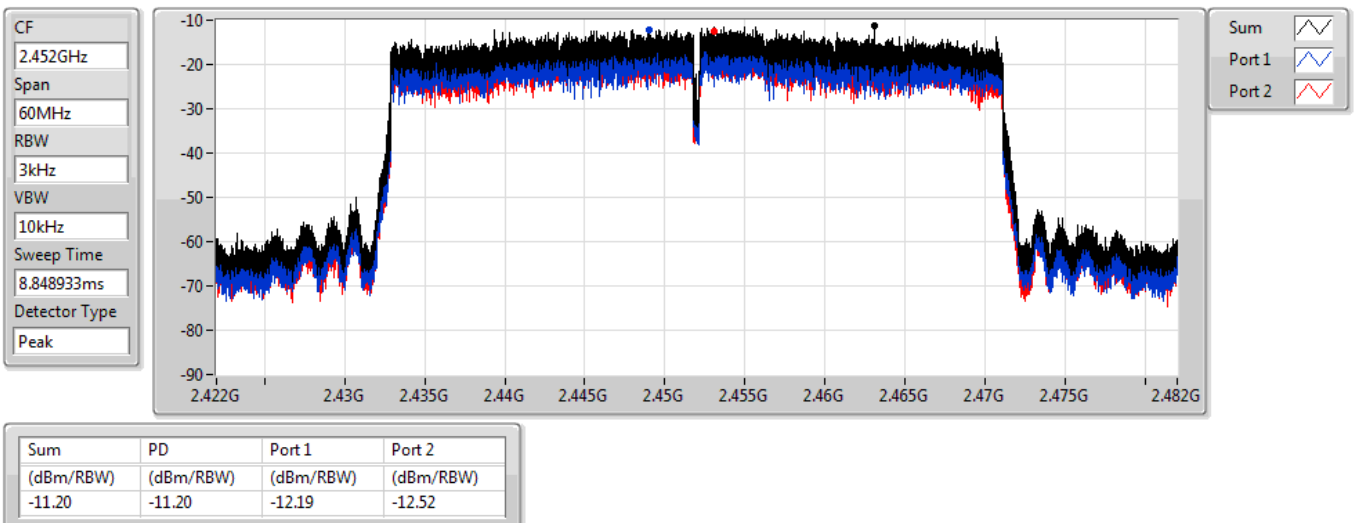


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

16/09/2021





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-4.62
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-9.15

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.71	-9.31	-10.18	-7.28	8.00
2437MHz	Pass	5.71	-6.41	-6.79	-4.62	8.00
2462MHz	Pass	5.71	-8.10	-8.64	-6.48	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.71	-13.57	-12.56	-11.03	8.00
2437MHz	Pass	5.71	-11.51	-11.22	-9.15	8.00
2452MHz	Pass	5.71	-11.65	-11.70	-10.31	8.00

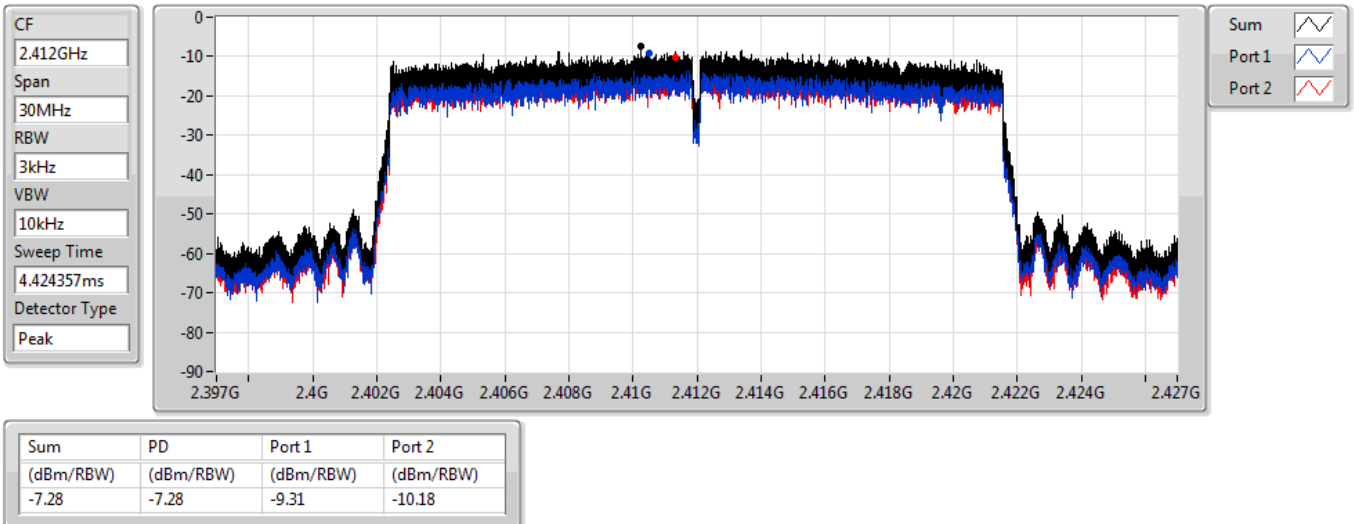
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

16/09/2021

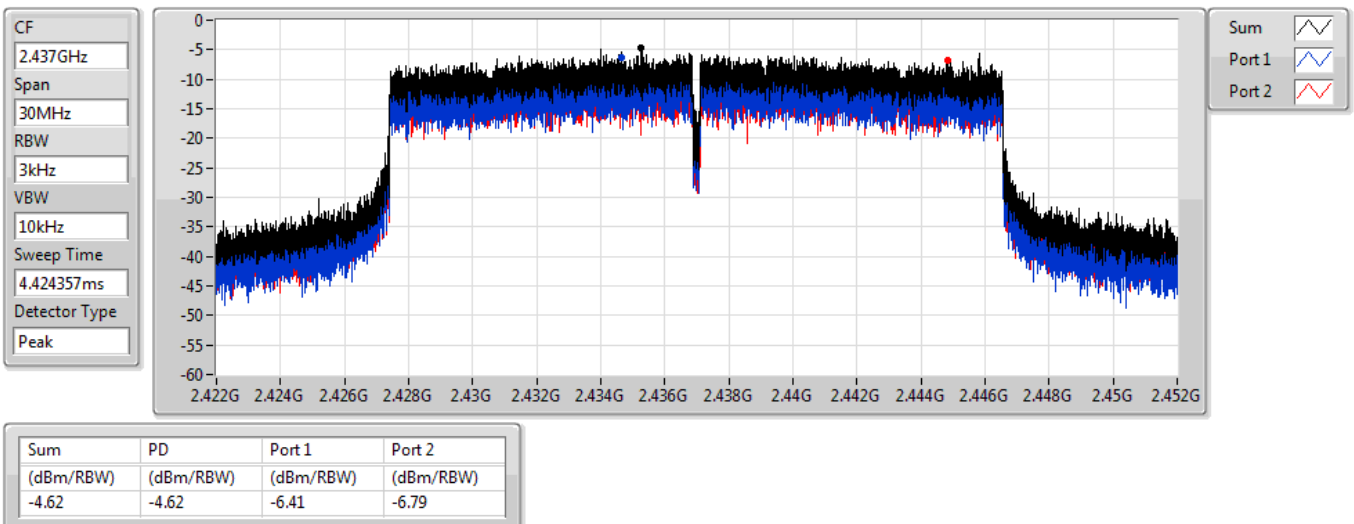


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

16/09/2021

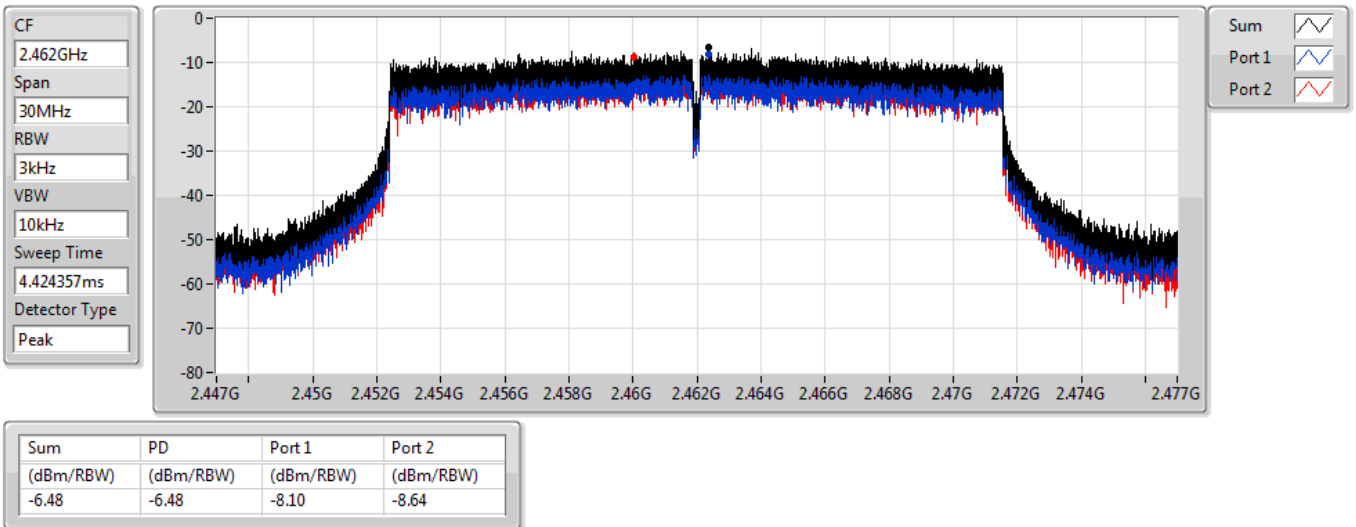


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

16/09/2021

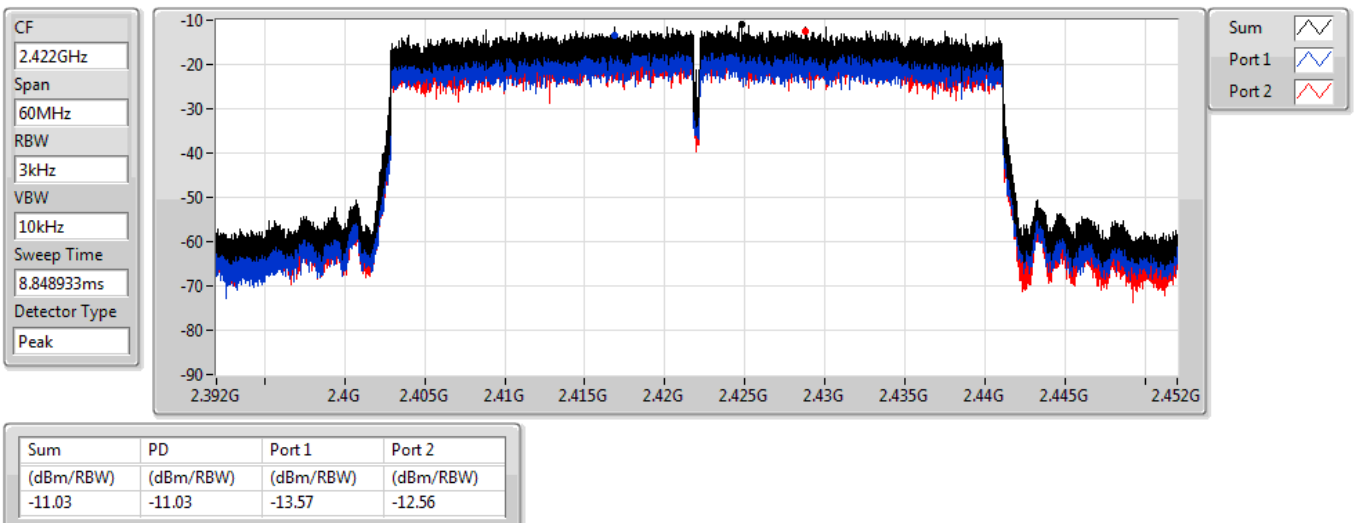


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

16/09/2021

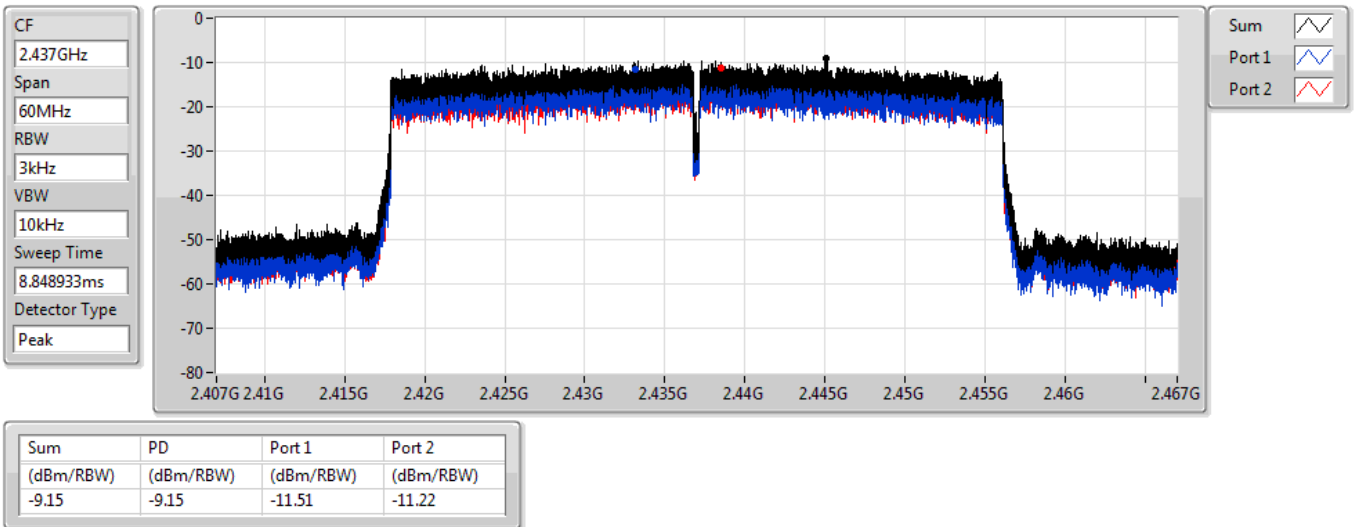


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

16/09/2021

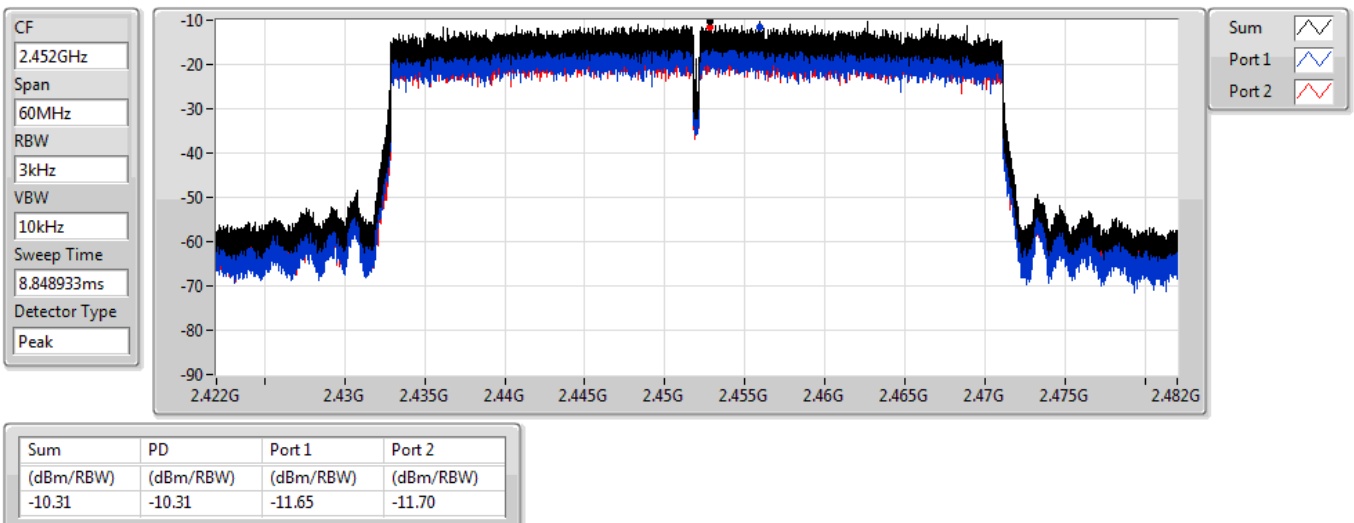


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

16/09/2021



**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	2.41144G	6.14	-23.86	1.98837G	-51.85	2.39952G	-42.48	2.4G	-43.71	2.50252G	-49.00	15.26487G	-40.29	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43828G	9.18	-20.82	818.41M	-51.78	2.39944G	-32.43	2.4G	-36.18	2.50296G	-48.57	21.9741G	-39.83	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43574G	9.21	-20.79	673.66M	-51.47	2.39596G	-37.55	2.4G	-39.62	2.4891G	-48.55	14.79286G	-40.03	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.41946G	2.57	-27.43	2.11991G	-51.10	2.39456G	-37.49	2.4835G	-43.23	2.48474G	-40.80	15.23451G	-39.99	1

Result

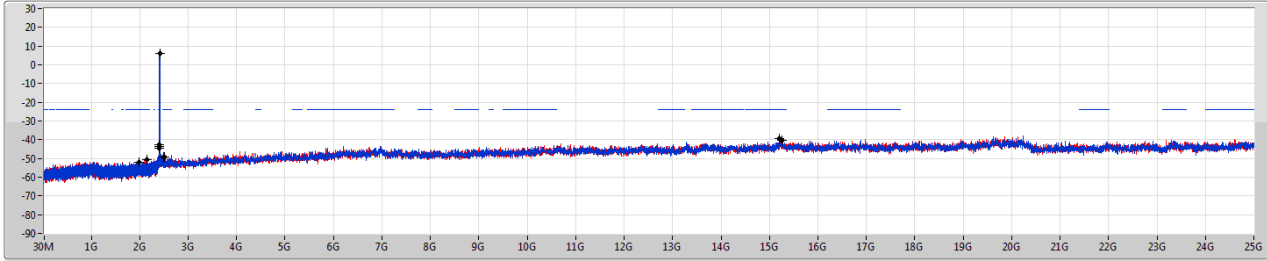
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41144G	6.14	-23.86	1.98837G	-51.85	2.39952G	-42.48	2.4G	-43.71	2.50252G	-49.00	15.26487G	-40.29	1
2412MHz	Pass	2.41144G	6.14	-23.86	2.14651G	-50.77	2.39948G	-43.69	2.4G	-44.53	2.4964G	-49.26	15.20587G	-39.56	2
2437MHz	Pass	2.41144G	6.14	-23.86	628.52M	-51.28	2.39354G	-50.02	2.4835G	-51.83	2.49474G	-48.92	24.71062G	-39.03	1
2437MHz	Pass	2.41144G	6.14	-23.86	2.12554G	-50.94	2.39506G	-49.71	2.4835G	-51.31	2.5179G	-48.83	21.89824G	-37.81	2
2462MHz	Pass	2.41144G	6.14	-23.86	900.55M	-51.46	2.39754G	-49.85	2.4G	-52.57	2.48966G	-48.44	15.23396G	-39.87	1
2462MHz	Pass	2.41144G	6.14	-23.86	2.11506G	-51.66	2.39038G	-50.17	2.4G	-52.93	2.48506G	-49.06	15.23115G	-39.11	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43828G	9.18	-20.82	818.41M	-51.78	2.39944G	-32.43	2.4G	-36.18	2.50296G	-48.57	21.9741G	-39.83	1
2412MHz	Pass	2.43828G	9.18	-20.82	2.0571G	-51.79	2.39746G	-33.41	2.4G	-37.09	2.49324G	-48.75	15.22272G	-39.90	2
2437MHz	Pass	2.43828G	9.18	-20.82	2.15525G	-51.16	2.39542G	-43.00	2.4G	-48.20	2.48598G	-47.05	15.20025G	-39.76	1
2437MHz	Pass	2.43828G	9.18	-20.82	1.88555G	-50.74	2.39726G	-43.99	2.4G	-48.42	2.48424G	-46.80	24.87919G	-39.57	2
2462MHz	Pass	2.43828G	9.18	-20.82	2.12292G	-51.14	2.39512G	-48.82	2.4835G	-40.43	2.48638G	-36.69	15.20306G	-39.67	1
2462MHz	Pass	2.43828G	9.18	-20.82	924.14M	-52.02	2.39564G	-48.70	2.4835G	-48.80	2.4848G	-37.64	24.85109G	-40.01	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	9.21	-20.79	2.097G	-51.05	2.3998G	-40.37	2.4G	-44.22	2.4916G	-48.49	15.21991G	-39.75	1
2412MHz	Pass	2.43574G	9.21	-20.79	673.66M	-51.47	2.39596G	-37.55	2.4G	-39.62	2.4891G	-48.55	14.79286G	-40.03	2
2437MHz	Pass	2.43574G	9.21	-20.79	2.09758G	-51.51	2.39576G	-42.03	2.4G	-44.88	2.48988G	-45.12	16.24259G	-39.96	1
2437MHz	Pass	2.43574G	9.21	-20.79	2.17418G	-51.24	2.39574G	-40.52	2.4G	-46.19	2.49074G	-42.48	23.36483G	-39.89	2
2462MHz	Pass	2.43574G	9.21	-20.79	1.93827G	-51.03	2.39438G	-48.35	2.4835G	-45.92	2.4862G	-41.87	15.2171G	-39.89	1
2462MHz	Pass	2.43574G	9.21	-20.79	2.11273G	-51.48	2.39384G	-49.31	2.4835G	-46.83	2.48632G	-44.49	24.75838G	-39.45	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41946G	2.57	-27.43	895.33M	-51.75	2.39956G	-38.72	2.4G	-45.06	2.48974G	-46.34	15.20086G	-39.56	1
2422MHz	Pass	2.41946G	2.57	-27.43	2.30798G	-51.33	2.39952G	-39.69	2.4G	-48.27	2.48578G	-47.24	24.83453G	-39.61	2
2437MHz	Pass	2.41946G	2.57	-27.43	2.11991G	-51.10	2.39456G	-37.49	2.4835G	-43.23	2.48474G	-40.80	15.23451G	-39.99	1
2437MHz	Pass	2.41946G	2.57	-27.43	842.66M	-51.71	2.3948G	-39.24	2.4835G	-44.85	2.48642G	-42.14	16.77983G	-39.39	2
2452MHz	Pass	2.41946G	2.57	-27.43	2.09501G	-50.31	2.3958G	-38.97	2.4835G	-39.54	2.4957G	-38.12	15.2261G	-38.91	1
2452MHz	Pass	2.41946G	2.57	-27.43	854.97M	-51.07	2.39572G	-42.13	2.4835G	-40.98	2.4837G	-41.48	24.72235G	-39.54	2

802.11b_Nss1,(1Mbps)_2TX

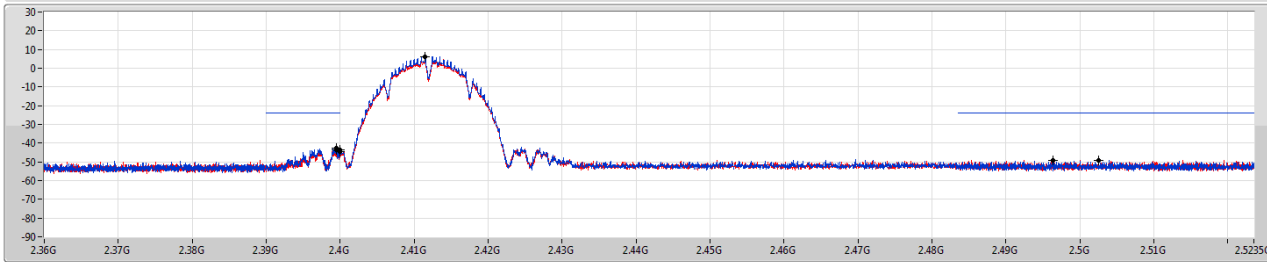
2412MHz

CSENdB

16/09/2021



Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

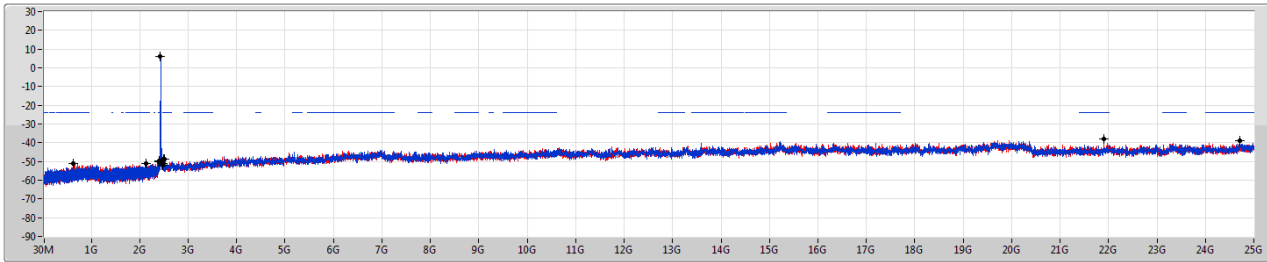
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41144G	6.14	-23.86	1.98837G	-51.85	2.39952G	-42.48	2.4G	-43.71	2.50252G	-49.00	15.26487G	-40.29	1
2.41144G	6.14	-23.86	2.14651G	-50.77	2.39948G	-43.69	2.4G	-44.53	2.4964G	-49.26	15.20587G	-39.56	2

802.11b_Nss1,(1Mbps)_2TX

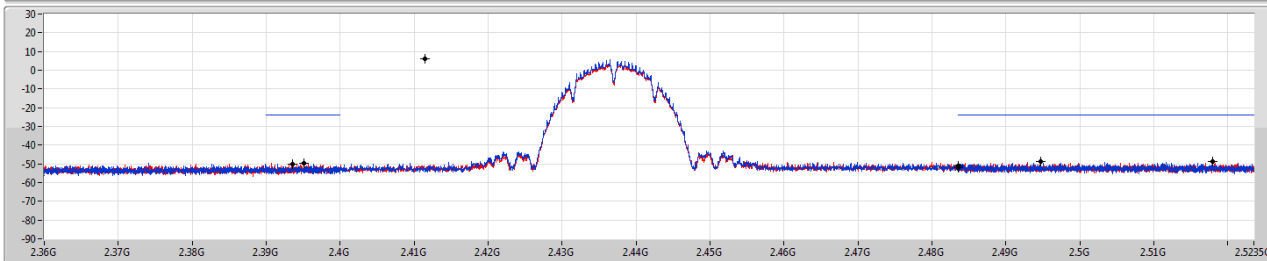
2437MHz

CSENdB

16/09/2021



Port 1
Port 2



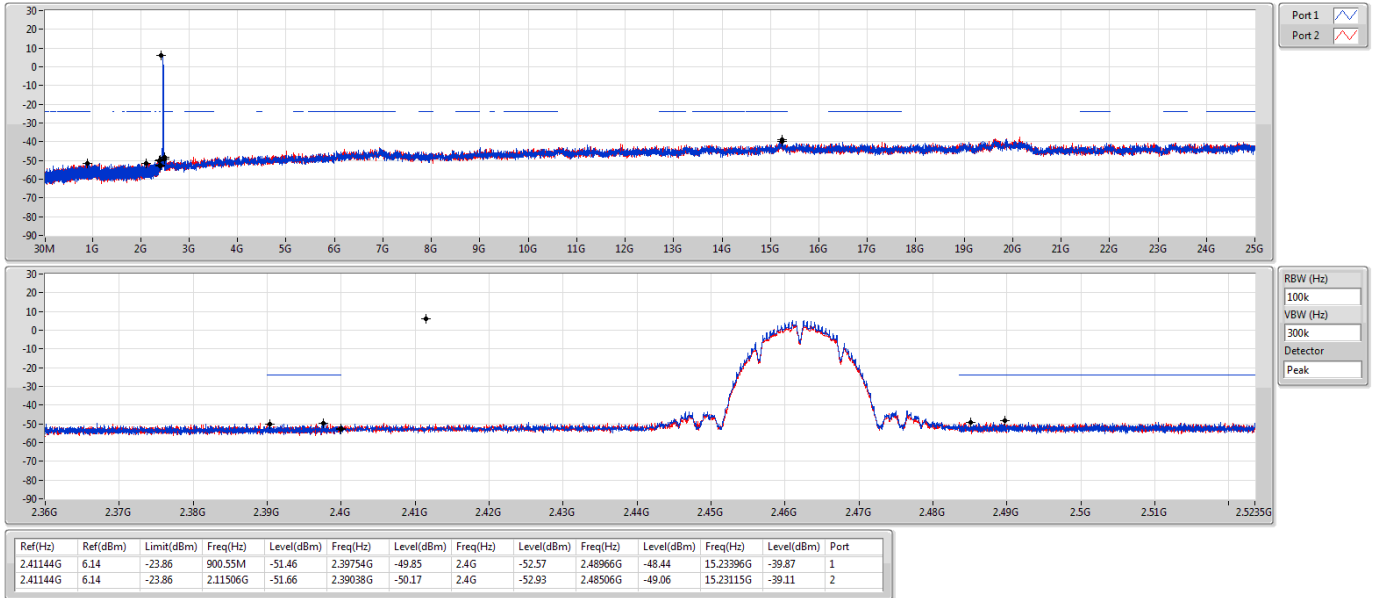
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

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
2.41144G	6.14	-23.86	628.52M	-51.28	2.39354G	-50.02	2.4835G	-51.83	2.49474G	-48.92	24.71062G	-39.03	1
2.41144G	6.14	-23.86	2.12554G	-50.94	2.39506G	-49.71	2.4835G	-51.31	2.5179G	-48.83	21.89824G	-37.81	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

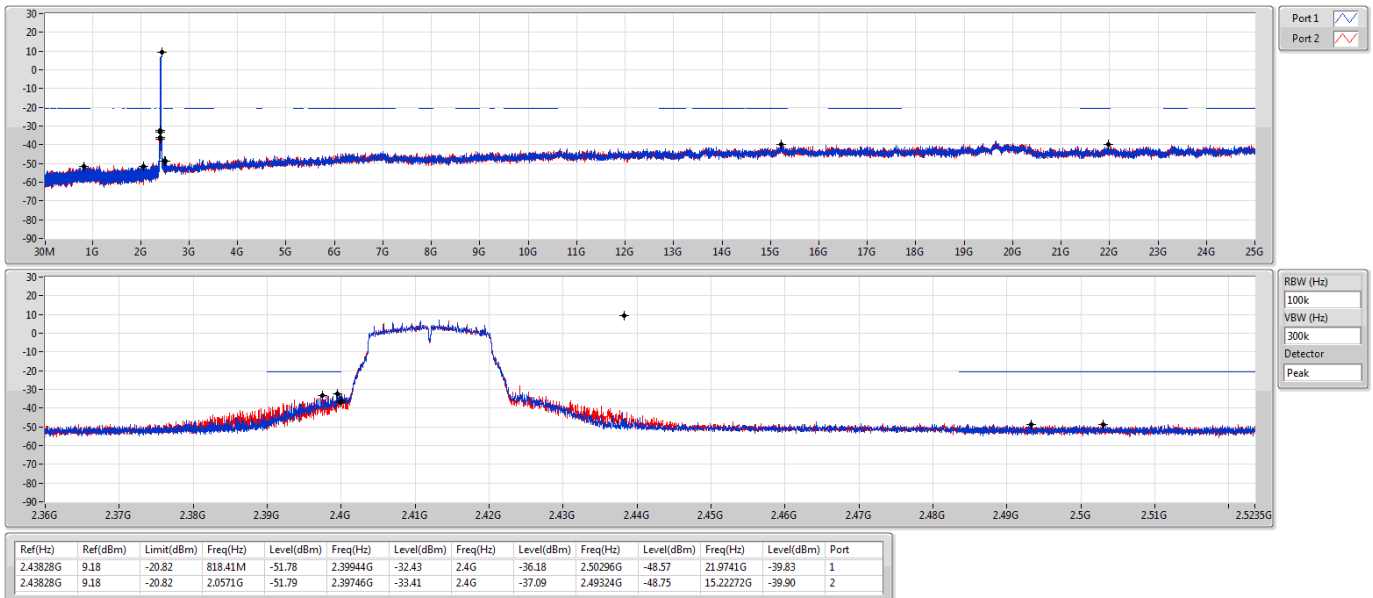
CSENdB



802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB



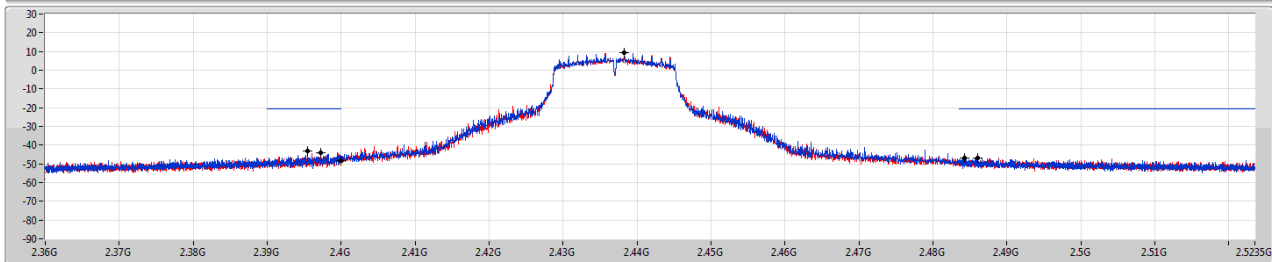
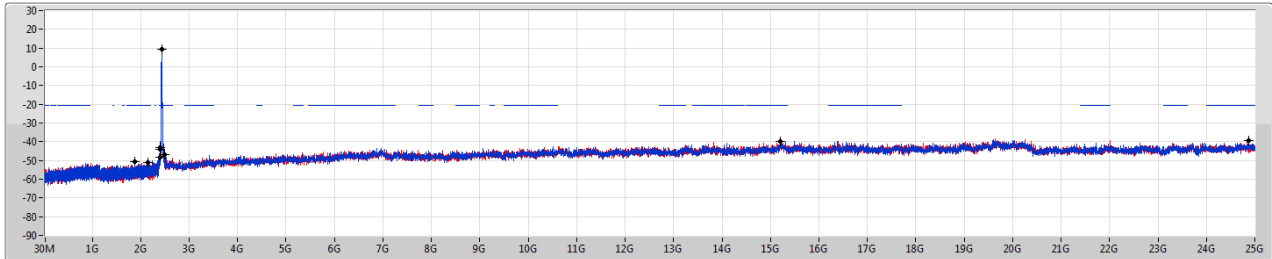
802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

16/09/2021

Port 1
Port 2



RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

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
2.43828G	9.18	-20.82	2.15525G	-51.16	2.39542G	-43.00	2.4G	-48.20	2.48598G	-47.05	15.20025G	-39.76	1
2.43828G	9.18	-20.82	1.88555G	-50.74	2.39726G	-43.99	2.4G	-48.42	2.48424G	-46.80	24.87919G	-39.57	2

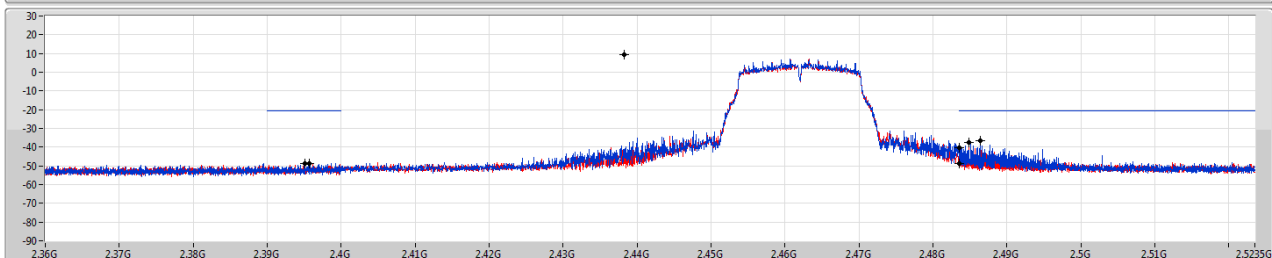
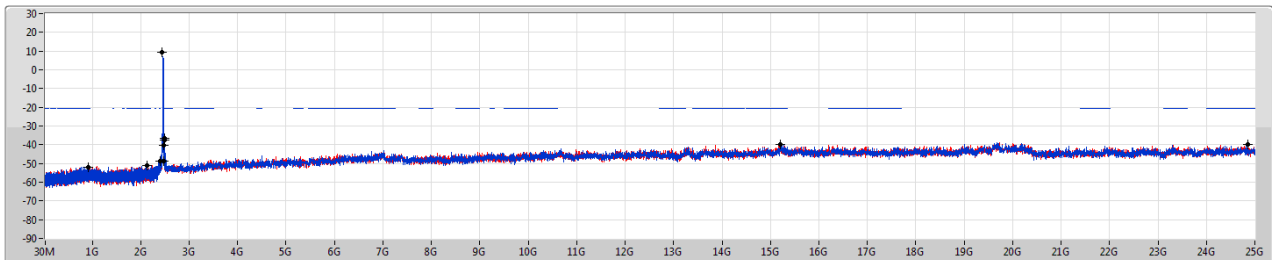
802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

16/09/2021

Port 1
Port 2



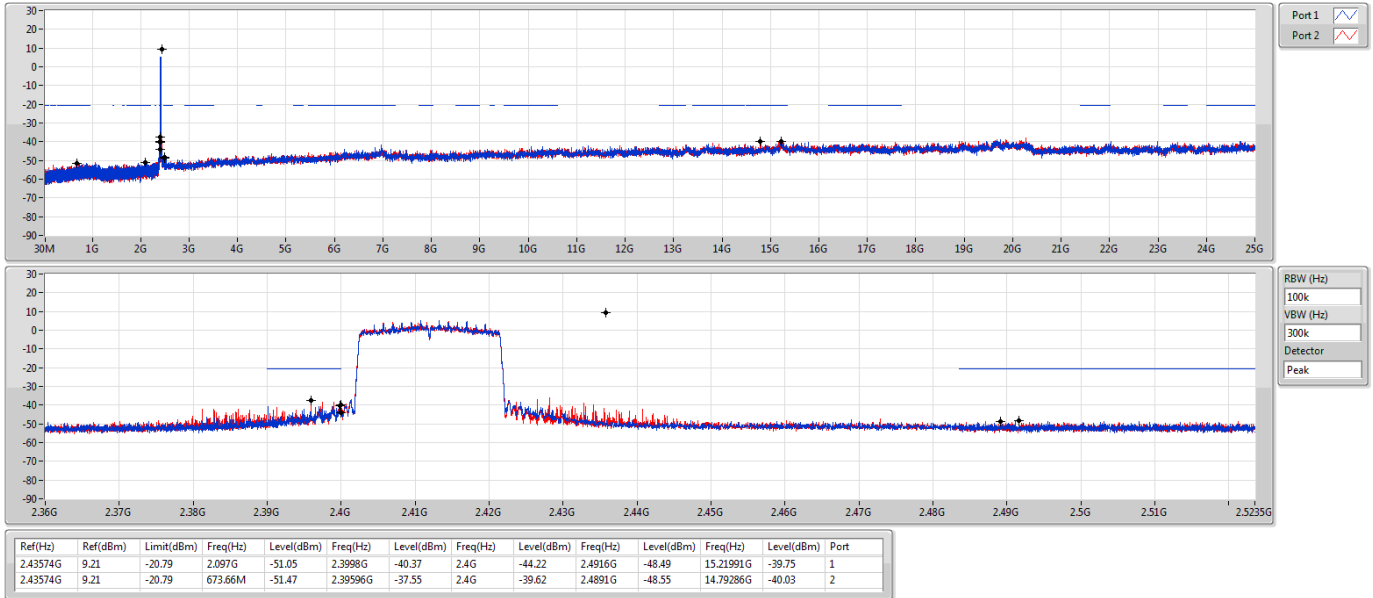
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

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
2.43828G	9.18	-20.82	2.12292G	-51.14	2.39512G	-48.82	2.4835G	-40.43	2.48638G	-36.69	15.20306G	-39.67	1
2.43828G	9.18	-20.82	924.14M	-52.02	2.39564G	-48.70	2.4835G	-48.80	2.4848G	-37.64	24.85109G	-40.01	2

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz

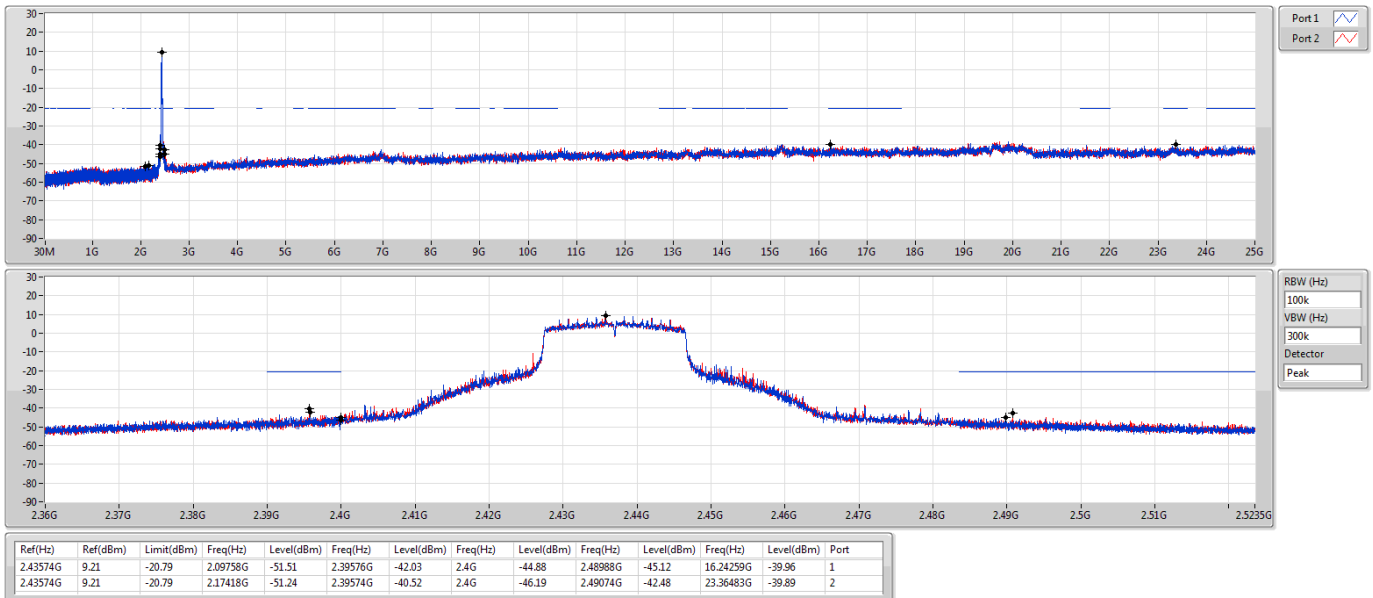
CSENdB



802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz

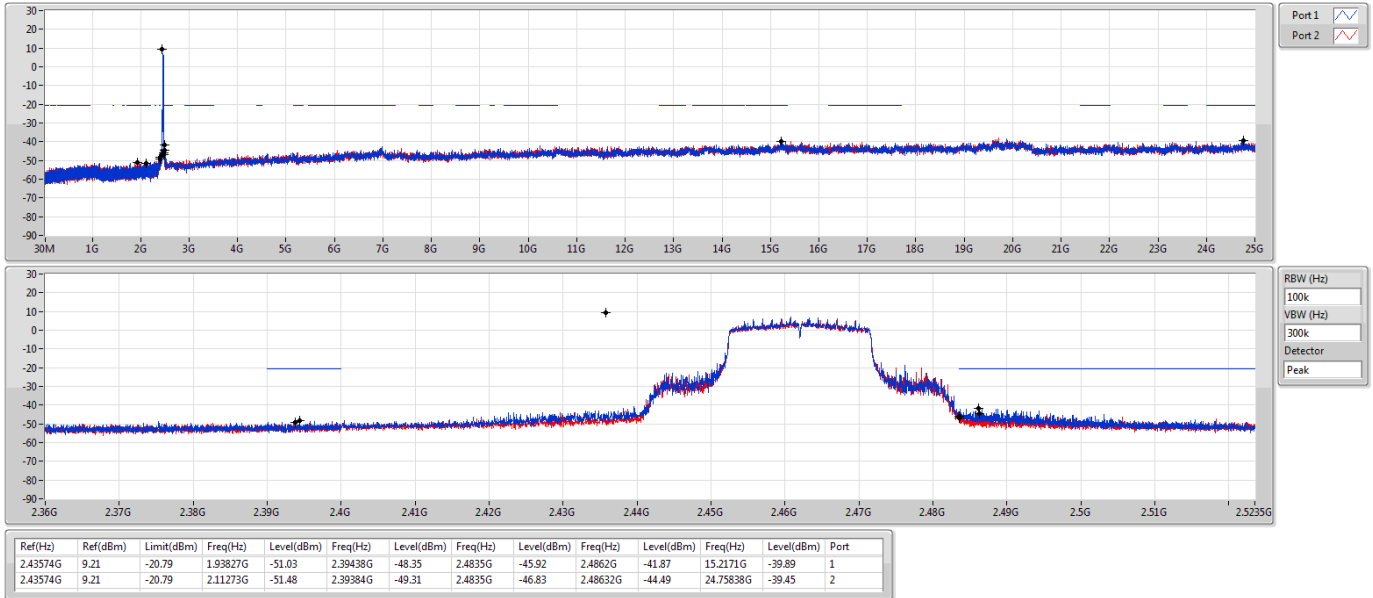
CSENdB



802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSENdB



802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz

CSENdB



802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz

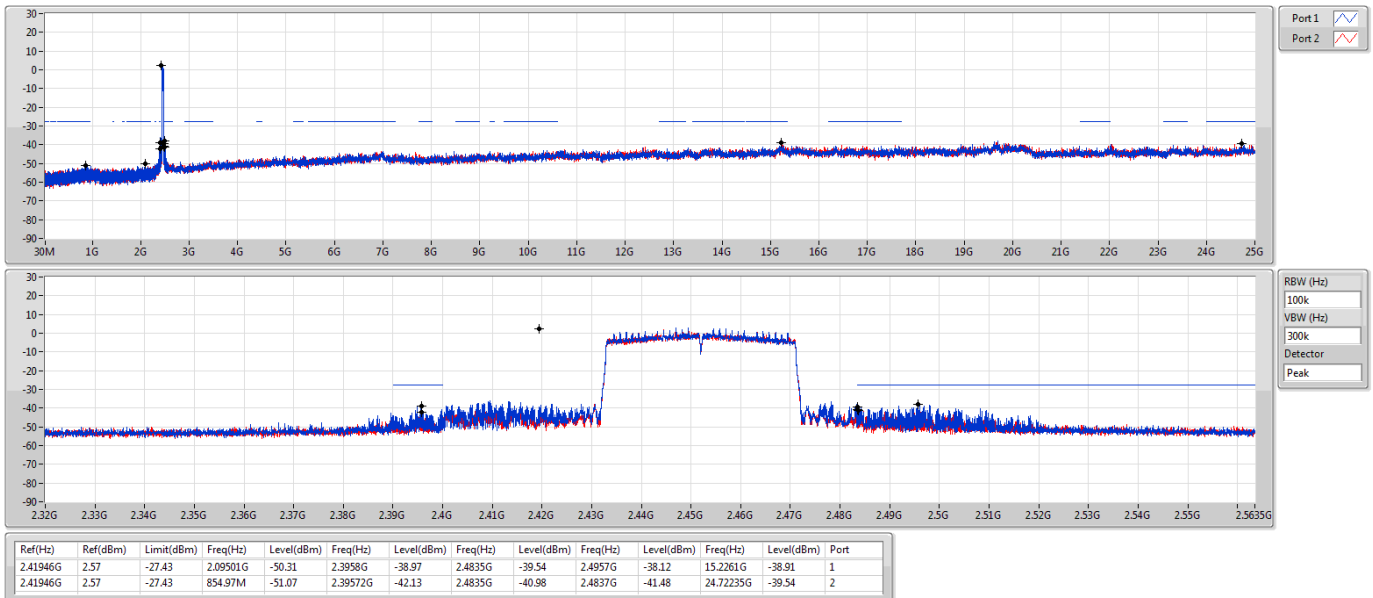
CSEndB



802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

CSEndB



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.44196G	8.66	-21.34	2.11011G	-51.56	2.39826G	-38.94	2.4G	-43.13	2.49874G	-48.41	15.20306G	-40.14	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.43444G	4.50	-25.50	2.08842G	-50.90	2.396G	-30.43	2.4G	-35.31	2.48502G	-37.99	23.3397G	-39.36	1

Result

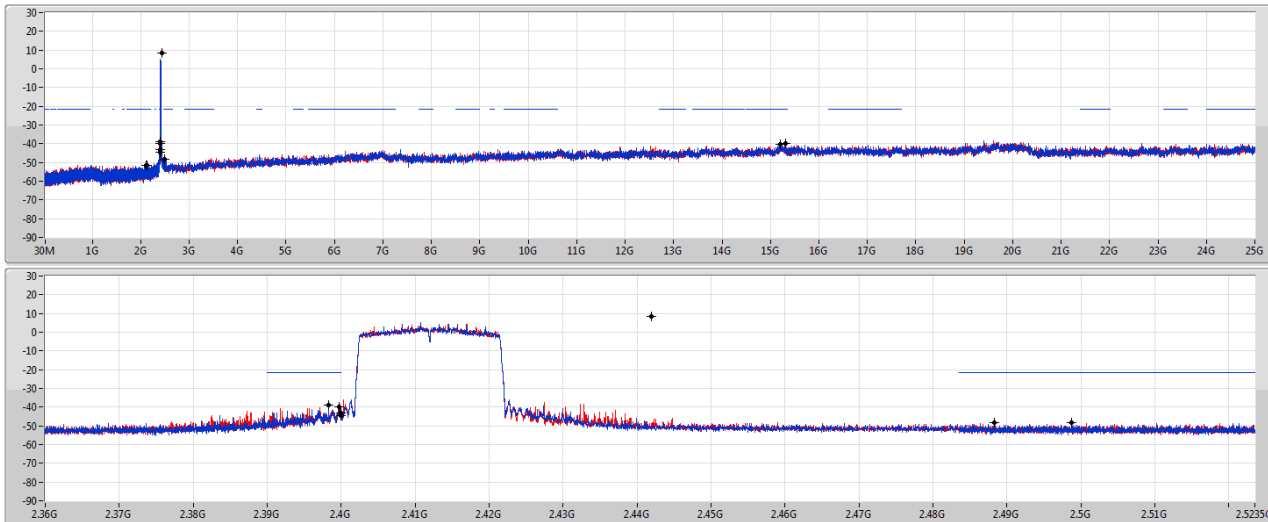
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	8.66	-21.34	2.11011G	-51.56	2.39826G	-38.94	2.4G	-43.13	2.49874G	-48.41	15.20306G	-40.14	1
2412MHz	Pass	2.44196G	8.66	-21.34	2.13574G	-51.35	2.39976G	-39.85	2.4G	-44.43	2.48826G	-48.30	15.30701G	-40.05	2
2437MHz	Pass	2.44196G	8.66	-21.34	2.3G	-50.08	2.3957G	-40.60	2.4G	-45.91	2.48554G	-43.61	24.78928G	-39.96	1
2437MHz	Pass	2.44196G	8.66	-21.34	2.30699G	-51.13	2.39878G	-43.25	2.4G	-47.22	2.48854G	-44.06	23.35922G	-39.81	2
2462MHz	Pass	2.44196G	8.66	-21.34	2.13574G	-50.76	2.39926G	-48.68	2.4835G	-48.58	2.48536G	-44.10	23.3845G	-39.07	1
2462MHz	Pass	2.44196G	8.66	-21.34	2.00497G	-51.62	2.3972G	-48.80	2.4835G	-46.83	2.49292G	-43.89	15.2171G	-40.02	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43444G	4.50	-25.50	2.30912G	-50.81	2.39948G	-38.61	2.4G	-44.07	2.50058G	-48.37	15.25134G	-39.77	1
2422MHz	Pass	2.43444G	4.50	-25.50	932.55M	-51.69	2.39028G	-38.60	2.4G	-45.88	2.48662G	-47.37	15.20927G	-39.91	2
2437MHz	Pass	2.43444G	4.50	-25.50	2.08842G	-50.90	2.396G	-30.43	2.4G	-35.31	2.48502G	-37.99	23.3397G	-39.36	1
2437MHz	Pass	2.43444G	4.50	-25.50	2.17516G	-51.37	2.39728G	-32.22	2.4G	-37.11	2.48442G	-35.48	16.48254G	-40.09	2
2452MHz	Pass	2.43444G	4.50	-25.50	1.98938G	-51.10	2.39324G	-40.88	2.4835G	-44.24	2.48614G	-39.97	16.65362G	-39.67	1
2452MHz	Pass	2.43444G	4.50	-25.50	732.74M	-51.88	2.39724G	-40.97	2.4835G	-43.10	2.48422G	-39.42	24.80649G	-39.71	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz

CSENdB

16/09/2021



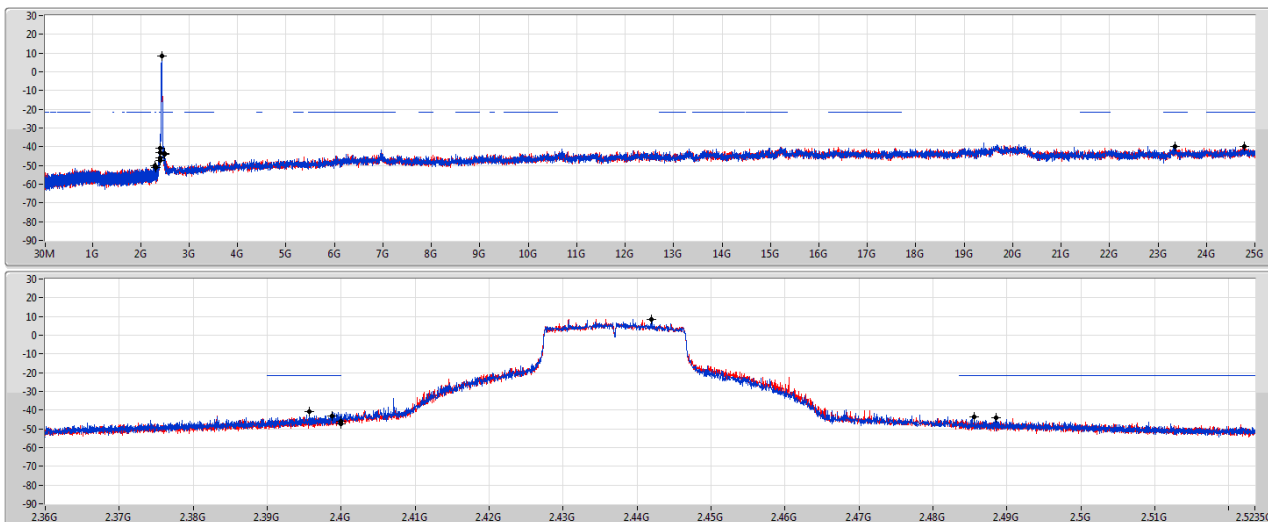
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	8.66	-21.34	2.11011G	-51.56	2.39826G	-38.94	2.4G	-43.13	2.49874G	-48.41	15.20306G	-40.14	1
2.44196G	8.66	-21.34	2.13574G	-51.35	2.39976G	-39.85	2.4G	-44.43	2.48826G	-48.30	15.30701G	-40.05	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz

CSENdB

16/09/2021

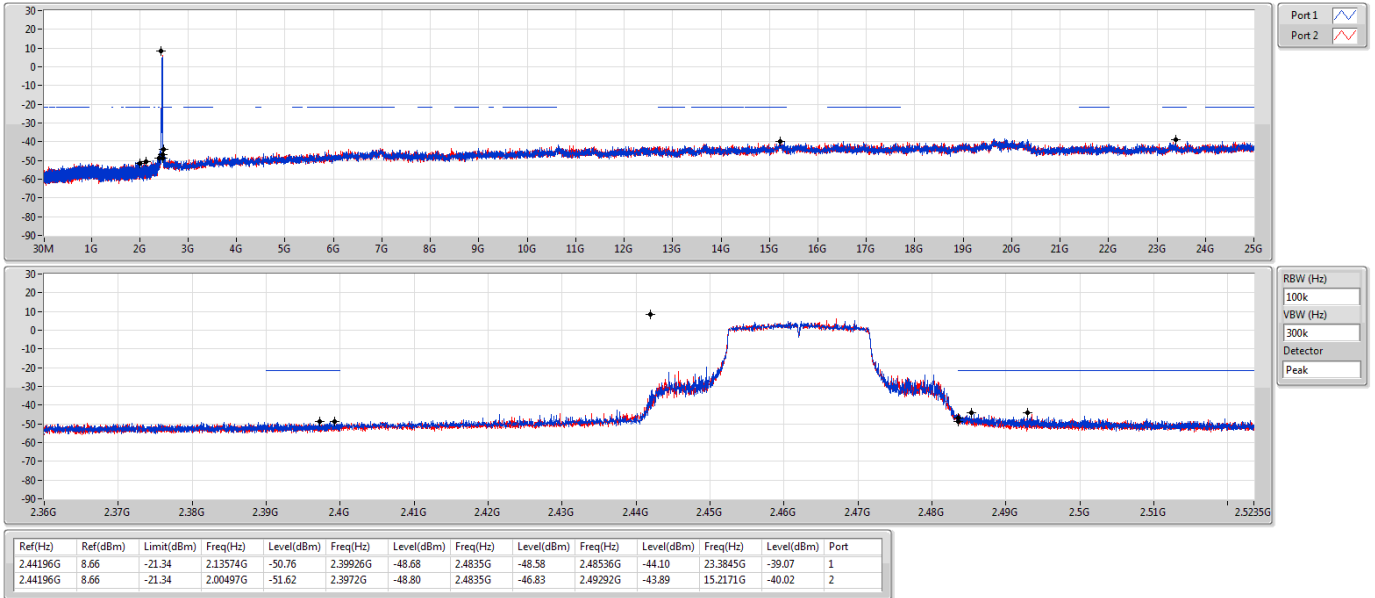


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	8.66	-21.34	2.3G	-50.08	2.3957G	-40.60	2.4G	-45.91	2.48554G	-43.61	24.78928G	-39.96	1
2.44196G	8.66	-21.34	2.30699G	-51.13	2.39878G	-43.25	2.4G	-47.22	2.48854G	-44.06	23.35922G	-39.81	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz

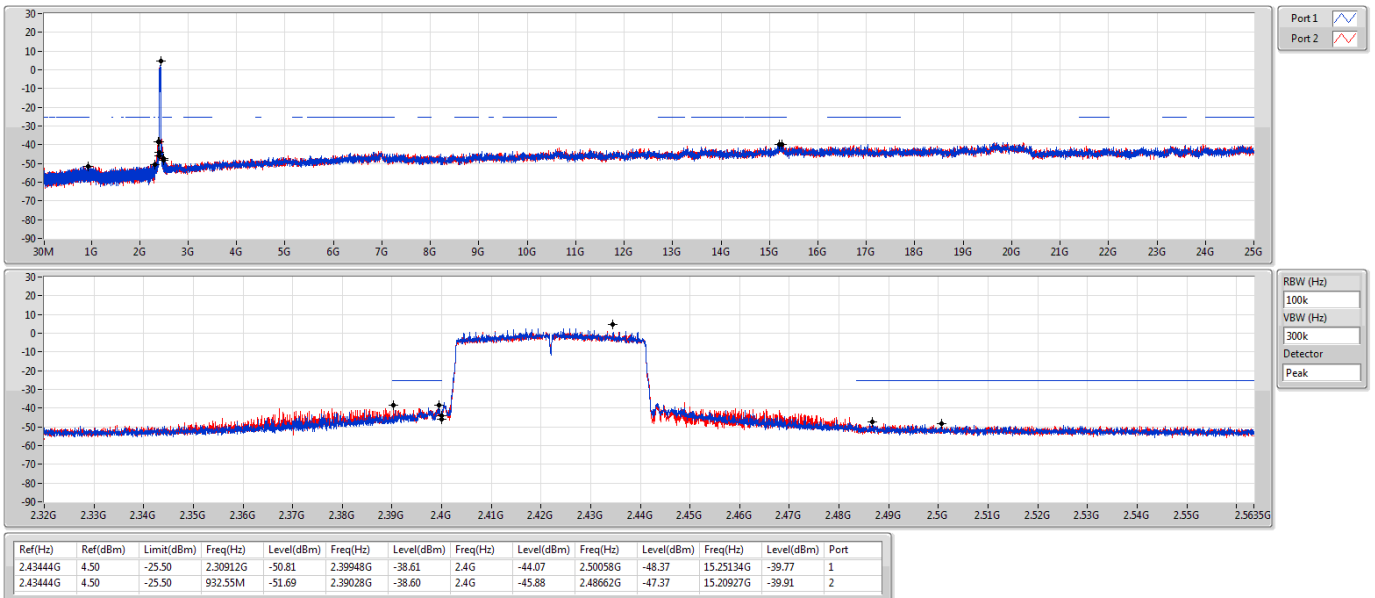
CSENdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz

CSENdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz

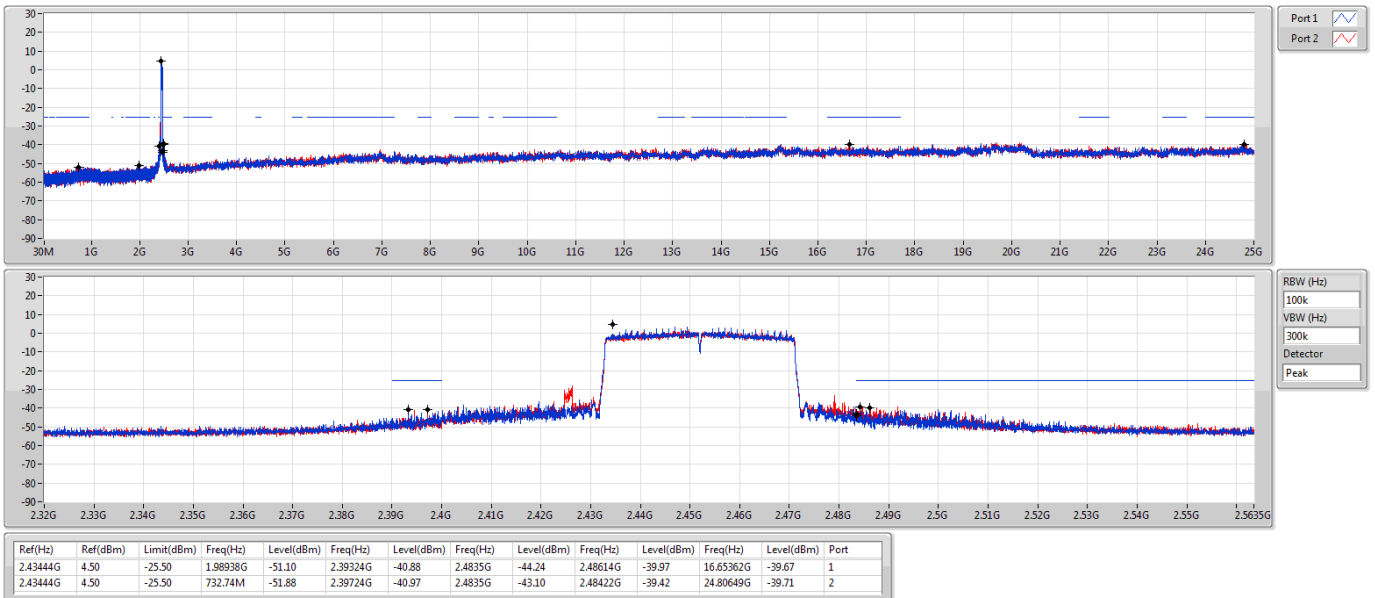
CSENdB



802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz

CSENdB





Summary

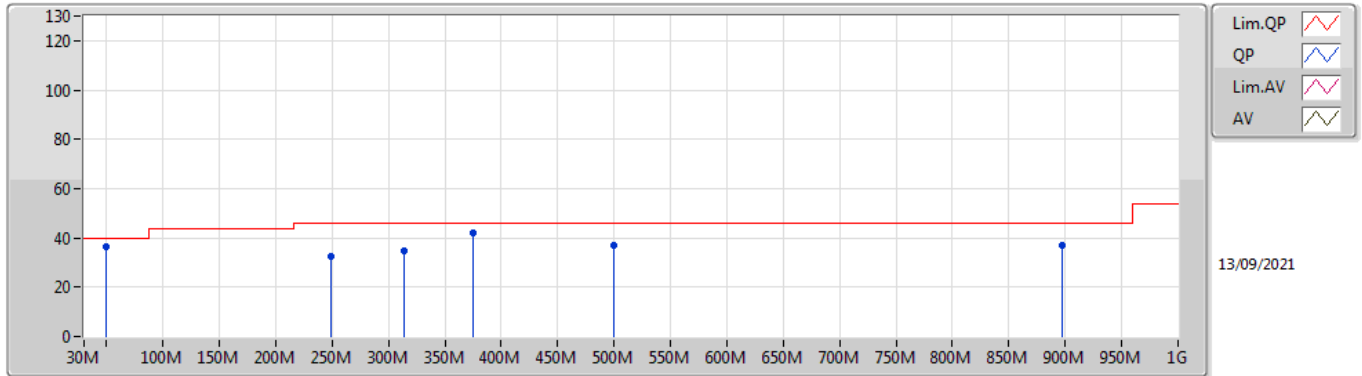
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	49.4M	36.62	40.00	-3.38	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	49.4M	36.62	40.00	-3.38	3	Vertical	360	1.00	-
2437MHz	Pass	PK	249.22M	32.65	46.00	-13.35	3	Vertical	360	1.00	-
2437MHz	Pass	PK	313.24M	34.50	46.00	-11.50	3	Vertical	360	1.00	-
2437MHz	Pass	PK	375.32M	41.95	46.00	-4.05	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	36.99	46.00	-9.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	897.18M	36.84	46.00	-9.16	3	Vertical	360	1.00	-
2437MHz	Pass	PK	249.22M	33.65	46.00	-12.35	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	313.24M	33.85	46.00	-12.15	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	375.32M	40.96	46.00	-5.04	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	35.44	46.00	-10.56	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	625.58M	39.34	46.00	-6.66	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	897.18M	39.10	46.00	-6.90	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

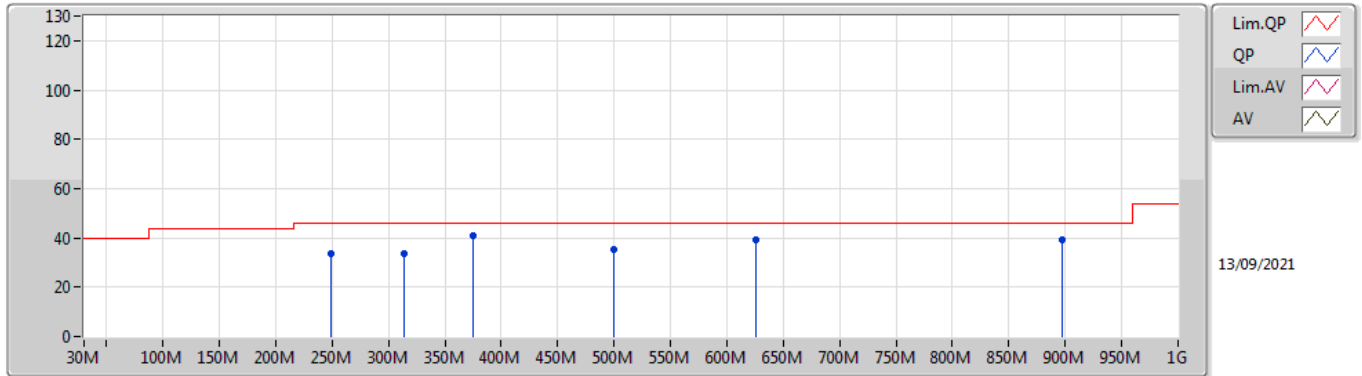
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	49.4M	36.62	40.00	-3.38	-13.19	3	Vertical	360	1.00	-	49.81	13.45	1.06	27.70
PK	249.22M	32.65	46.00	-13.35	-7.40	3	Vertical	360	1.00	-	40.05	17.47	2.15	27.02
PK	313.24M	34.50	46.00	-11.50	-5.99	3	Vertical	360	1.00	-	40.49	18.73	2.41	27.13
PK	375.32M	41.95	46.00	-4.05	-4.84	3	Vertical	360	1.00	-	46.79	20.07	2.65	27.56
PK	499.48M	36.99	46.00	-9.01	-2.52	3	Vertical	360	1.00	-	39.51	22.75	3.08	28.35
PK	897.18M	36.84	46.00	-9.16	2.23	3	Vertical	360	1.00	-	34.61	25.64	4.10	27.51

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	249.22M	33.65	46.00	-12.35	-7.40	3	Horizontal	0	1.00	-	41.05	17.47	2.15	27.02
PK	313.24M	33.85	46.00	-12.15	-5.99	3	Horizontal	0	1.00	-	39.84	18.73	2.41	27.13
PK	375.32M	40.96	46.00	-5.04	-4.84	3	Horizontal	0	1.00	-	45.80	20.07	2.65	27.56
PK	499.48M	35.44	46.00	-10.56	-2.52	3	Horizontal	0	1.00	-	37.96	22.75	3.08	28.35
PK	625.58M	39.34	46.00	-6.66	-0.60	3	Horizontal	0	1.00	-	39.94	24.30	3.41	28.31
PK	897.18M	39.10	46.00	-6.90	2.23	3	Horizontal	0	1.00	-	36.87	25.64	4.10	27.51



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	4.92392G	52.86	54.00	-1.14	3	Horizontal	276	1.77	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.4858G	72.83	74.00	-1.17	3	Vertical	50	1.03	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.3878G	52.55	54.00	-1.45	3	Vertical	49	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	2.3802G	72.83	74.00	-1.17	3	Vertical	50	1.50	-

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	2.3706G	47.27	54.00	-6.73	3	Vertical	75	1.18	-
2412MHz	Pass	AV	2.4112G	106.52	Inf	-Inf	3	Vertical	75	1.18	-
2412MHz	Pass	PK	2.3886G	59.33	74.00	-14.67	3	Vertical	75	1.18	-
2412MHz	Pass	PK	2.411G	110.26	Inf	-Inf	3	Vertical	75	1.18	-
2412MHz	Pass	AV	2.3728G	47.10	54.00	-6.90	3	Horizontal	326	1.74	-
2412MHz	Pass	AV	2.4126G	100.38	Inf	-Inf	3	Horizontal	326	1.74	-
2412MHz	Pass	PK	2.3758G	59.74	74.00	-14.26	3	Horizontal	326	1.74	-
2412MHz	Pass	PK	2.413G	104.34	Inf	-Inf	3	Horizontal	326	1.74	-
2412MHz	Pass	AV	4.82396G	44.76	54.00	-9.24	3	Vertical	124	1.18	-
2412MHz	Pass	PK	4.82392G	49.57	74.00	-24.43	3	Vertical	124	1.18	-
2412MHz	Pass	AV	4.82396G	52.81	54.00	-1.19	3	Horizontal	231	1.94	-
2412MHz	Pass	PK	4.82396G	55.15	74.00	-18.85	3	Horizontal	231	1.94	-
2437MHz	Pass	AV	2.341G	47.30	54.00	-6.70	3	Vertical	48	1.53	-
2437MHz	Pass	AV	2.4382G	102.99	Inf	-Inf	3	Vertical	48	1.53	-
2437MHz	Pass	AV	2.495G	46.82	54.00	-7.18	3	Vertical	48	1.53	-
2437MHz	Pass	PK	2.3442G	59.19	74.00	-14.81	3	Vertical	48	1.53	-
2437MHz	Pass	PK	2.4378G	107.11	Inf	-Inf	3	Vertical	48	1.53	-
2437MHz	Pass	PK	2.4906G	59.03	74.00	-14.97	3	Vertical	48	1.53	-
2437MHz	Pass	AV	2.3438G	47.26	54.00	-6.74	3	Horizontal	287	2.13	-
2437MHz	Pass	AV	2.4378G	96.86	Inf	-Inf	3	Horizontal	287	2.13	-
2437MHz	Pass	AV	2.4986G	46.72	54.00	-7.28	3	Horizontal	287	2.13	-
2437MHz	Pass	PK	2.3414G	58.81	74.00	-15.19	3	Horizontal	287	2.13	-
2437MHz	Pass	PK	2.4378G	100.86	Inf	-Inf	3	Horizontal	287	2.13	-
2437MHz	Pass	PK	2.4878G	58.90	74.00	-15.10	3	Horizontal	287	2.13	-
2437MHz	Pass	AV	4.87396G	43.22	54.00	-10.78	3	Vertical	182	1.69	-
2437MHz	Pass	AV	7.3128G	39.45	54.00	-14.55	3	Vertical	145	1.79	-
2437MHz	Pass	PK	4.87396G	48.28	74.00	-25.72	3	Vertical	182	1.69	-
2437MHz	Pass	PK	7.31272G	51.05	74.00	-22.95	3	Vertical	145	1.79	-
2437MHz	Pass	AV	4.87396G	52.46	54.00	-1.54	3	Horizontal	277	1.76	-
2437MHz	Pass	AV	7.31264G	40.00	54.00	-14.00	3	Horizontal	104	1.83	-
2437MHz	Pass	PK	4.87396G	54.95	74.00	-19.05	3	Horizontal	277	1.76	-
2437MHz	Pass	PK	7.30972G	51.53	74.00	-22.47	3	Horizontal	104	1.83	-
2457MHz	Pass	AV	2.4562G	104.54	Inf	-Inf	3	Vertical	292	1.96	-
2457MHz	Pass	AV	2.498G	46.78	54.00	-7.22	3	Vertical	292	1.96	-
2457MHz	Pass	PK	2.456G	108.27	Inf	-Inf	3	Vertical	292	1.96	-
2457MHz	Pass	PK	2.4848G	59.06	74.00	-14.94	3	Vertical	292	1.96	-
2457MHz	Pass	AV	2.4578G	99.95	Inf	-Inf	3	Horizontal	323	1.60	-
2457MHz	Pass	AV	2.4862G	46.77	54.00	-7.23	3	Horizontal	323	1.60	-
2457MHz	Pass	PK	2.458G	103.97	Inf	-Inf	3	Horizontal	323	1.60	-
2457MHz	Pass	PK	2.4992G	58.44	74.00	-15.56	3	Horizontal	323	1.60	-
2457MHz	Pass	AV	4.91396G	44.38	54.00	-9.62	3	Vertical	0	1.33	-
2457MHz	Pass	AV	7.37G	37.94	54.00	-16.06	3	Vertical	132	2.90	-
2457MHz	Pass	PK	4.91392G	48.95	74.00	-25.05	3	Vertical	0	1.33	-
2457MHz	Pass	PK	7.36152G	50.09	74.00	-23.91	3	Vertical	132	2.90	-
2457MHz	Pass	AV	4.91396G	52.38	54.00	-1.62	3	Horizontal	274	1.78	-
2457MHz	Pass	AV	7.36944G	36.73	54.00	-17.27	3	Horizontal	65	1.50	-
2457MHz	Pass	PK	4.91392G	54.90	74.00	-19.10	3	Horizontal	274	1.78	-
2457MHz	Pass	PK	7.36664G	49.83	74.00	-24.17	3	Horizontal	65	1.50	-
2462MHz	Pass	AV	2.4612G	105.67	Inf	-Inf	3	Vertical	157	1.86	-
2462MHz	Pass	AV	2.5G	46.94	54.00	-7.06	3	Vertical	157	1.86	-
2462MHz	Pass	PK	2.463G	109.61	Inf	-Inf	3	Vertical	157	1.86	-
2462MHz	Pass	PK	2.4836G	59.51	74.00	-14.49	3	Vertical	157	1.86	-
2462MHz	Pass	AV	2.4612G	99.17	Inf	-Inf	3	Horizontal	296	2.09	-
2462MHz	Pass	AV	2.4898G	46.74	54.00	-7.26	3	Horizontal	296	2.09	-
2462MHz	Pass	PK	2.461G	103.06	Inf	-Inf	3	Horizontal	296	2.09	-
2462MHz	Pass	PK	2.4942G	58.16	74.00	-15.84	3	Horizontal	296	2.09	-
2462MHz	Pass	AV	4.92396G	45.02	54.00	-8.98	3	Vertical	357	1.64	-
2462MHz	Pass	AV	7.38672G	37.22	54.00	-16.78	3	Vertical	145	1.80	-
2462MHz	Pass	PK	4.924G	49.37	74.00	-24.63	3	Vertical	357	1.64	-
2462MHz	Pass	PK	7.3772G	50.22	74.00	-23.78	3	Vertical	145	1.80	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92392G	52.86	54.00	-1.14	3	Horizontal	276	1.77	-
2462MHz	Pass	AV	7.3948G	37.08	54.00	-16.92	3	Horizontal	320	1.50	-
2462MHz	Pass	PK	4.924G	55.49	74.00	-18.51	3	Horizontal	276	1.77	-
2462MHz	Pass	PK	7.3934G	50.38	74.00	-23.62	3	Horizontal	320	1.50	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.43	54.00	-1.57	3	Vertical	50	1.45	-
2412MHz	Pass	AV	2.4112G	105.81	Inf	-Inf	3	Vertical	50	1.45	-
2412MHz	Pass	PK	2.39G	68.81	74.00	-5.19	3	Vertical	50	1.45	-
2412MHz	Pass	PK	2.411G	115.23	Inf	-Inf	3	Vertical	50	1.45	-
2412MHz	Pass	AV	2.39G	49.20	54.00	-4.80	3	Horizontal	333	1.52	-
2412MHz	Pass	AV	2.41G	100.38	Inf	-Inf	3	Horizontal	333	1.52	-
2412MHz	Pass	PK	2.3896G	61.75	74.00	-12.25	3	Horizontal	333	1.52	-
2412MHz	Pass	PK	2.4096G	110.12	Inf	-Inf	3	Horizontal	333	1.52	-
2412MHz	Pass	AV	4.82552G	39.82	54.00	-14.18	3	Vertical	182	1.45	-
2412MHz	Pass	PK	4.82588G	54.40	74.00	-19.60	3	Vertical	182	1.45	-
2412MHz	Pass	AV	4.82232G	44.76	54.00	-9.24	3	Horizontal	272	1.85	-
2412MHz	Pass	PK	4.82636G	59.19	74.00	-14.81	3	Horizontal	272	1.85	-
2417MHz	Pass	AV	2.3894G	49.92	54.00	-4.08	3	Vertical	52	1.62	-
2417MHz	Pass	AV	2.416G	107.06	Inf	-Inf	3	Vertical	52	1.62	-
2417MHz	Pass	PK	2.3866G	68.19	74.00	-5.81	3	Vertical	52	1.62	-
2417MHz	Pass	PK	2.4164G	116.54	Inf	-Inf	3	Vertical	52	1.62	-
2417MHz	Pass	AV	2.3856G	48.02	54.00	-5.98	3	Horizontal	332	1.50	-
2417MHz	Pass	AV	2.415G	99.98	Inf	-Inf	3	Horizontal	332	1.50	-
2417MHz	Pass	PK	2.3886G	63.37	74.00	-10.63	3	Horizontal	332	1.50	-
2417MHz	Pass	PK	2.4142G	109.58	Inf	-Inf	3	Horizontal	332	1.50	-
2437MHz	Pass	AV	2.3878G	49.08	54.00	-4.92	3	Vertical	52	1.51	-
2437MHz	Pass	AV	2.4362G	106.27	Inf	-Inf	3	Vertical	52	1.51	-
2437MHz	Pass	AV	2.4854G	48.79	54.00	-5.21	3	Vertical	52	1.51	-
2437MHz	Pass	PK	2.3858G	61.73	74.00	-12.27	3	Vertical	52	1.51	-
2437MHz	Pass	PK	2.4366G	115.50	Inf	-Inf	3	Vertical	52	1.51	-
2437MHz	Pass	PK	2.4858G	60.63	74.00	-13.37	3	Vertical	52	1.51	-
2437MHz	Pass	AV	2.389G	47.94	54.00	-6.06	3	Horizontal	326	1.55	-
2437MHz	Pass	AV	2.4394G	98.69	Inf	-Inf	3	Horizontal	326	1.55	-
2437MHz	Pass	AV	2.4842G	47.67	54.00	-6.33	3	Horizontal	326	1.55	-
2437MHz	Pass	PK	2.3758G	59.85	74.00	-14.15	3	Horizontal	326	1.55	-
2437MHz	Pass	PK	2.4394G	107.86	Inf	-Inf	3	Horizontal	326	1.55	-
2437MHz	Pass	PK	2.493G	58.70	74.00	-15.30	3	Horizontal	326	1.55	-
2437MHz	Pass	AV	4.87556G	41.81	54.00	-12.19	3	Vertical	181	1.27	-
2437MHz	Pass	AV	7.31208G	50.35	54.00	-3.65	3	Vertical	132	1.01	-
2437MHz	Pass	PK	4.87562G	56.30	74.00	-17.70	3	Vertical	181	1.27	-
2437MHz	Pass	PK	7.31166G	64.81	74.00	-9.19	3	Vertical	132	1.01	-
2437MHz	Pass	AV	4.874G	48.24	54.00	-5.76	3	Horizontal	228	1.50	-
2437MHz	Pass	AV	7.31178G	52.55	54.00	-1.45	3	Horizontal	134	2.27	-
2437MHz	Pass	PK	4.87418G	61.95	74.00	-12.05	3	Horizontal	228	1.50	-
2437MHz	Pass	PK	7.31202G	68.44	74.00	-5.56	3	Horizontal	134	2.27	-
2457MHz	Pass	AV	2.456G	108.06	Inf	-Inf	3	Vertical	50	1.03	-
2457MHz	Pass	AV	2.485G	50.12	54.00	-3.88	3	Vertical	50	1.03	-
2457MHz	Pass	PK	2.4558G	117.38	Inf	-Inf	3	Vertical	50	1.03	-
2457MHz	Pass	PK	2.4858G	72.83	74.00	-1.17	3	Vertical	50	1.03	-
2457MHz	Pass	AV	2.4546G	102.36	Inf	-Inf	3	Horizontal	325	1.56	-
2457MHz	Pass	AV	2.4838G	50.13	54.00	-3.87	3	Horizontal	325	1.56	-
2457MHz	Pass	PK	2.4546G	111.72	Inf	-Inf	3	Horizontal	325	1.56	-
2457MHz	Pass	PK	2.4896G	64.77	74.00	-9.23	3	Horizontal	325	1.56	-
2462MHz	Pass	AV	2.4612G	104.89	Inf	-Inf	3	Vertical	174	1.62	-
2462MHz	Pass	AV	2.4852G	49.27	54.00	-4.73	3	Vertical	174	1.62	-
2462MHz	Pass	PK	2.461G	114.80	Inf	-Inf	3	Vertical	174	1.62	-
2462MHz	Pass	PK	2.486G	71.84	74.00	-2.16	3	Vertical	174	1.62	-
2462MHz	Pass	AV	2.4644G	99.72	Inf	-Inf	3	Horizontal	325	1.49	-
2462MHz	Pass	AV	2.4836G	49.54	54.00	-4.46	3	Horizontal	325	1.49	-
2462MHz	Pass	PK	2.4642G	110.24	Inf	-Inf	3	Horizontal	325	1.49	-
2462MHz	Pass	PK	2.4844G	69.82	74.00	-4.18	3	Horizontal	325	1.49	-
2462MHz	Pass	AV	4.92484G	42.24	54.00	-11.76	3	Vertical	135	1.86	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	7.38486G	43.34	54.00	-10.66	3	Vertical	132	1.00	-
2462MHz	Pass	PK	4.92412G	55.40	74.00	-18.60	3	Vertical	135	1.86	-
2462MHz	Pass	PK	7.3845G	58.76	74.00	-15.24	3	Vertical	132	1.00	-
2462MHz	Pass	AV	4.92352G	47.35	54.00	-6.65	3	Horizontal	272	1.84	-
2462MHz	Pass	AV	7.3845G	44.65	54.00	-9.35	3	Horizontal	62	1.96	-
2462MHz	Pass	PK	4.92808G	60.97	74.00	-13.03	3	Horizontal	272	1.84	-
2462MHz	Pass	PK	7.37988G	60.02	74.00	-13.98	3	Horizontal	62	1.96	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.44	54.00	-3.56	3	Vertical	50	1.58	-
2412MHz	Pass	AV	2.4132G	103.05	Inf	-Inf	3	Vertical	50	1.58	-
2412MHz	Pass	PK	2.388G	71.65	74.00	-2.35	3	Vertical	50	1.58	-
2412MHz	Pass	PK	2.4156G	115.55	Inf	-Inf	3	Vertical	50	1.58	-
2412MHz	Pass	AV	2.3896G	48.06	54.00	-5.94	3	Horizontal	331	1.50	-
2412MHz	Pass	AV	2.4096G	96.93	Inf	-Inf	3	Horizontal	331	1.50	-
2412MHz	Pass	PK	2.3896G	62.40	74.00	-11.60	3	Horizontal	331	1.50	-
2412MHz	Pass	PK	2.4148G	109.17	Inf	-Inf	3	Horizontal	331	1.50	-
2412MHz	Pass	AV	4.82244G	37.20	54.00	-16.80	3	Vertical	196	1.01	-
2412MHz	Pass	PK	4.8268G	50.87	74.00	-23.13	3	Vertical	196	1.01	-
2412MHz	Pass	AV	4.82552G	42.05	54.00	-11.95	3	Horizontal	216	1.69	-
2412MHz	Pass	PK	4.82624G	56.25	74.00	-17.75	3	Horizontal	216	1.69	-
2417MHz	Pass	AV	2.3892G	50.62	54.00	-3.38	3	Vertical	50	1.62	-
2417MHz	Pass	AV	2.4166G	104.90	Inf	-Inf	3	Vertical	50	1.62	-
2417MHz	Pass	PK	2.3888G	71.25	74.00	-2.75	3	Vertical	50	1.62	-
2417MHz	Pass	PK	2.4144G	116.62	Inf	-Inf	3	Vertical	50	1.62	-
2417MHz	Pass	AV	2.3888G	48.11	54.00	-5.89	3	Horizontal	330	1.79	-
2417MHz	Pass	AV	2.416G	98.90	Inf	-Inf	3	Horizontal	330	1.79	-
2417MHz	Pass	PK	2.3886G	61.91	74.00	-12.09	3	Horizontal	330	1.79	-
2417MHz	Pass	PK	2.4156G	110.29	Inf	-Inf	3	Horizontal	330	1.79	-
2437MHz	Pass	AV	2.3878G	52.55	54.00	-1.45	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.4382G	108.56	Inf	-Inf	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.4858G	51.15	54.00	-2.85	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.381G	65.36	74.00	-8.64	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.4382G	120.91	Inf	-Inf	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.4835G	64.50	74.00	-9.50	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.389G	49.35	54.00	-4.65	3	Horizontal	324	1.55	-
2437MHz	Pass	AV	2.4394G	101.59	Inf	-Inf	3	Horizontal	324	1.55	-
2437MHz	Pass	AV	2.4846G	48.78	54.00	-5.22	3	Horizontal	324	1.55	-
2437MHz	Pass	PK	2.3842G	61.21	74.00	-12.79	3	Horizontal	324	1.55	-
2437MHz	Pass	PK	2.4422G	113.41	Inf	-Inf	3	Horizontal	324	1.55	-
2437MHz	Pass	PK	2.4842G	60.01	74.00	-13.99	3	Horizontal	324	1.55	-
2437MHz	Pass	AV	4.87508G	41.21	54.00	-12.79	3	Vertical	181	1.50	-
2437MHz	Pass	AV	7.3104G	49.43	54.00	-4.57	3	Vertical	132	1.00	-
2437MHz	Pass	PK	4.87256G	54.47	74.00	-19.53	3	Vertical	181	1.50	-
2437MHz	Pass	PK	7.31016G	63.59	74.00	-10.41	3	Vertical	132	1.00	-
2437MHz	Pass	AV	4.87424G	48.36	54.00	-5.64	3	Horizontal	227	1.50	-
2437MHz	Pass	AV	7.3104G	52.06	54.00	-1.94	3	Horizontal	137	1.99	-
2437MHz	Pass	PK	4.87406G	62.67	74.00	-11.33	3	Horizontal	227	1.50	-
2437MHz	Pass	PK	7.31292G	66.27	74.00	-7.73	3	Horizontal	137	1.99	-
2457MHz	Pass	AV	2.4566G	106.32	Inf	-Inf	3	Vertical	48	1.00	-
2457MHz	Pass	AV	2.484G	50.52	54.00	-3.48	3	Vertical	48	1.00	-
2457MHz	Pass	PK	2.4564G	118.33	Inf	-Inf	3	Vertical	48	1.00	-
2457MHz	Pass	PK	2.4866G	71.66	74.00	-2.34	3	Vertical	48	1.00	-
2457MHz	Pass	AV	2.4558G	100.82	Inf	-Inf	3	Horizontal	322	1.55	-
2457MHz	Pass	AV	2.4852G	48.64	54.00	-5.36	3	Horizontal	322	1.55	-
2457MHz	Pass	PK	2.4532G	112.70	Inf	-Inf	3	Horizontal	322	1.55	-
2457MHz	Pass	PK	2.488G	65.94	74.00	-8.06	3	Horizontal	322	1.55	-
2462MHz	Pass	AV	2.4628G	105.25	Inf	-Inf	3	Vertical	51	1.00	-
2462MHz	Pass	AV	2.4835G	50.72	54.00	-3.28	3	Vertical	51	1.00	-
2462MHz	Pass	PK	2.46G	117.58	Inf	-Inf	3	Vertical	51	1.00	-
2462MHz	Pass	PK	2.4835G	66.88	74.00	-7.12	3	Vertical	51	1.00	-
2462MHz	Pass	AV	2.4642G	98.85	Inf	-Inf	3	Horizontal	324	1.50	-
2462MHz	Pass	AV	2.4835G	49.50	54.00	-4.50	3	Horizontal	324	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	2.4644G	112.01	Inf	-Inf	3	Horizontal	324	1.50	-
2462MHz	Pass	PK	2.4835G	63.64	74.00	-10.36	3	Horizontal	324	1.50	-
2462MHz	Pass	AV	4.9267G	41.96	54.00	-12.04	3	Vertical	134	1.85	-
2462MHz	Pass	AV	7.38018G	43.22	54.00	-10.78	3	Vertical	131	3.00	-
2462MHz	Pass	PK	4.9291G	57.15	74.00	-16.85	3	Vertical	134	1.85	-
2462MHz	Pass	PK	7.37778G	59.25	74.00	-14.75	3	Vertical	131	3.00	-
2462MHz	Pass	AV	4.92568G	47.77	54.00	-6.23	3	Horizontal	265	1.76	-
2462MHz	Pass	AV	7.38276G	44.29	54.00	-9.71	3	Horizontal	64	2.08	-
2462MHz	Pass	PK	4.92316G	62.30	74.00	-11.70	3	Horizontal	265	1.76	-
2462MHz	Pass	PK	7.38522G	60.67	74.00	-13.33	3	Horizontal	64	2.08	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.386G	51.13	54.00	-2.87	3	Vertical	49	1.57	-
2422MHz	Pass	AV	2.4228G	99.72	Inf	-Inf	3	Vertical	49	1.57	-
2422MHz	Pass	AV	2.488G	48.26	54.00	-5.74	3	Vertical	49	1.57	-
2422MHz	Pass	PK	2.3844G	72.10	74.00	-1.90	3	Vertical	49	1.57	-
2422MHz	Pass	PK	2.4256G	111.86	Inf	-Inf	3	Vertical	49	1.57	-
2422MHz	Pass	PK	2.4844G	61.83	74.00	-12.17	3	Vertical	49	1.57	-
2422MHz	Pass	AV	2.3892G	49.26	54.00	-4.74	3	Horizontal	321	1.48	-
2422MHz	Pass	AV	2.4244G	93.77	Inf	-Inf	3	Horizontal	321	1.48	-
2422MHz	Pass	AV	2.4848G	48.14	54.00	-5.86	3	Horizontal	321	1.48	-
2422MHz	Pass	PK	2.3708G	63.69	74.00	-10.31	3	Horizontal	321	1.48	-
2422MHz	Pass	PK	2.4292G	106.73	Inf	-Inf	3	Horizontal	321	1.48	-
2422MHz	Pass	PK	2.488G	59.71	74.00	-14.29	3	Horizontal	321	1.48	-
2422MHz	Pass	AV	4.84464G	35.45	54.00	-18.55	3	Vertical	173	1.09	-
2422MHz	Pass	AV	7.26936G	40.98	54.00	-13.02	3	Vertical	131	1.01	-
2422MHz	Pass	PK	4.84224G	48.18	74.00	-25.82	3	Vertical	173	1.09	-
2422MHz	Pass	PK	7.26912G	54.73	74.00	-19.27	3	Vertical	131	1.01	-
2422MHz	Pass	AV	4.84552G	40.90	54.00	-13.10	3	Horizontal	272	1.68	-
2422MHz	Pass	AV	7.26392G	41.19	54.00	-12.81	3	Horizontal	67	2.30	-
2422MHz	Pass	PK	4.85136G	52.58	74.00	-21.42	3	Horizontal	272	1.68	-
2422MHz	Pass	PK	7.2728G	55.22	74.00	-18.78	3	Horizontal	67	2.30	-
2437MHz	Pass	AV	2.381G	50.40	54.00	-3.60	3	Vertical	50	1.50	-
2437MHz	Pass	AV	2.439G	102.30	Inf	-Inf	3	Vertical	50	1.50	-
2437MHz	Pass	AV	2.4838G	49.65	54.00	-4.35	3	Vertical	50	1.50	-
2437MHz	Pass	PK	2.3802G	72.83	74.00	-1.17	3	Vertical	50	1.50	-
2437MHz	Pass	PK	2.4414G	113.69	Inf	-Inf	3	Vertical	50	1.50	-
2437MHz	Pass	PK	2.4862G	69.68	74.00	-4.32	3	Vertical	50	1.50	-
2437MHz	Pass	AV	2.3794G	48.57	54.00	-5.43	3	Horizontal	323	1.54	-
2437MHz	Pass	AV	2.4358G	95.63	Inf	-Inf	3	Horizontal	323	1.54	-
2437MHz	Pass	AV	2.4835G	48.73	54.00	-5.27	3	Horizontal	323	1.54	-
2437MHz	Pass	PK	2.3798G	65.77	74.00	-8.23	3	Horizontal	323	1.54	-
2437MHz	Pass	PK	2.4386G	106.58	Inf	-Inf	3	Horizontal	323	1.54	-
2437MHz	Pass	PK	2.4846G	64.24	74.00	-9.76	3	Horizontal	323	1.54	-
2437MHz	Pass	AV	4.87512G	35.50	54.00	-18.50	3	Vertical	180	1.27	-
2437MHz	Pass	AV	7.3102G	41.55	54.00	-12.45	3	Vertical	128	1.02	-
2437MHz	Pass	PK	4.87512G	48.27	74.00	-25.73	3	Vertical	180	1.27	-
2437MHz	Pass	PK	7.30964G	56.80	74.00	-17.20	3	Vertical	128	1.02	-
2437MHz	Pass	AV	4.87352G	41.89	54.00	-12.11	3	Horizontal	219	1.50	-
2437MHz	Pass	AV	7.3102G	42.62	54.00	-11.38	3	Horizontal	138	2.84	-
2437MHz	Pass	PK	4.87912G	54.01	74.00	-19.99	3	Horizontal	219	1.50	-
2437MHz	Pass	PK	7.30956G	59.13	74.00	-14.87	3	Horizontal	138	2.84	-
2452MHz	Pass	AV	2.39G	49.40	54.00	-4.60	3	Vertical	52	1.18	-
2452MHz	Pass	AV	2.454G	101.30	Inf	-Inf	3	Vertical	52	1.18	-
2452MHz	Pass	AV	2.4844G	51.89	54.00	-2.11	3	Vertical	52	1.18	-
2452MHz	Pass	PK	2.3896G	67.34	74.00	-6.66	3	Vertical	52	1.18	-
2452MHz	Pass	PK	2.454G	112.31	Inf	-Inf	3	Vertical	52	1.18	-
2452MHz	Pass	PK	2.496G	71.09	74.00	-2.91	3	Vertical	52	1.18	-
2452MHz	Pass	AV	2.388G	48.41	54.00	-5.59	3	Horizontal	320	1.55	-
2452MHz	Pass	AV	2.4532G	96.28	Inf	-Inf	3	Horizontal	320	1.55	-
2452MHz	Pass	AV	2.4884G	49.22	54.00	-4.78	3	Horizontal	320	1.55	-
2452MHz	Pass	PK	2.3896G	61.50	74.00	-12.50	3	Horizontal	320	1.55	-
2452MHz	Pass	PK	2.4504G	108.02	Inf	-Inf	3	Horizontal	320	1.55	-



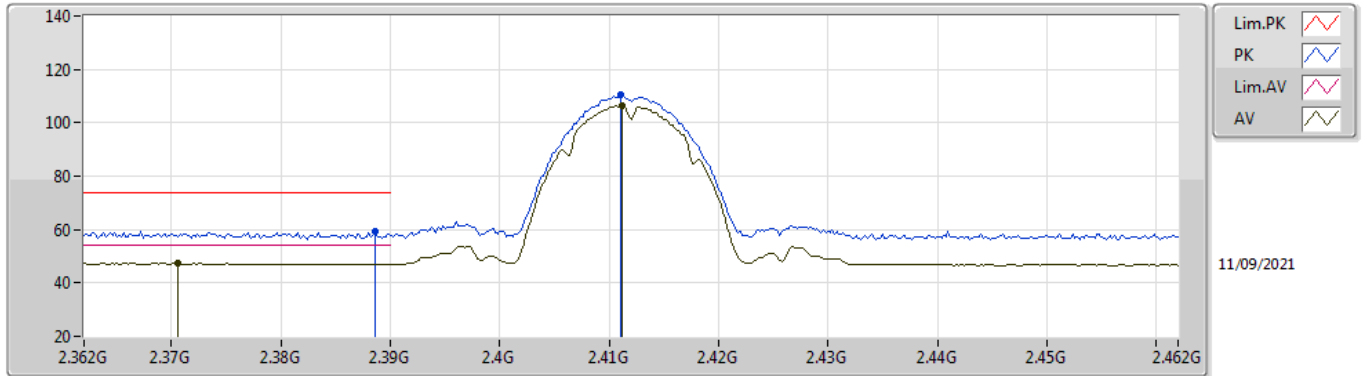
RSE TX above 1GHz _Non-Beamforming

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.4884G	67.90	74.00	-6.10	3	Horizontal	320	1.55	-
2452MHz	Pass	AV	4.90584G	35.74	54.00	-18.26	3	Vertical	358	1.50	-
2452MHz	Pass	AV	7.36016G	40.65	54.00	-13.35	3	Vertical	138	3.00	-
2452MHz	Pass	PK	4.90152G	48.39	74.00	-25.61	3	Vertical	358	1.50	-
2452MHz	Pass	PK	7.35456G	56.39	74.00	-17.61	3	Vertical	138	3.00	-
2452MHz	Pass	AV	4.90984G	42.66	54.00	-11.34	3	Horizontal	267	1.79	-
2452MHz	Pass	AV	7.35536G	41.17	54.00	-12.83	3	Horizontal	100	2.21	-
2452MHz	Pass	PK	4.90128G	55.88	74.00	-18.12	3	Horizontal	267	1.79	-
2452MHz	Pass	PK	7.35432G	55.97	74.00	-18.03	3	Horizontal	100	2.21	-

802.11b_Nss1,(1Mbps)_2TX

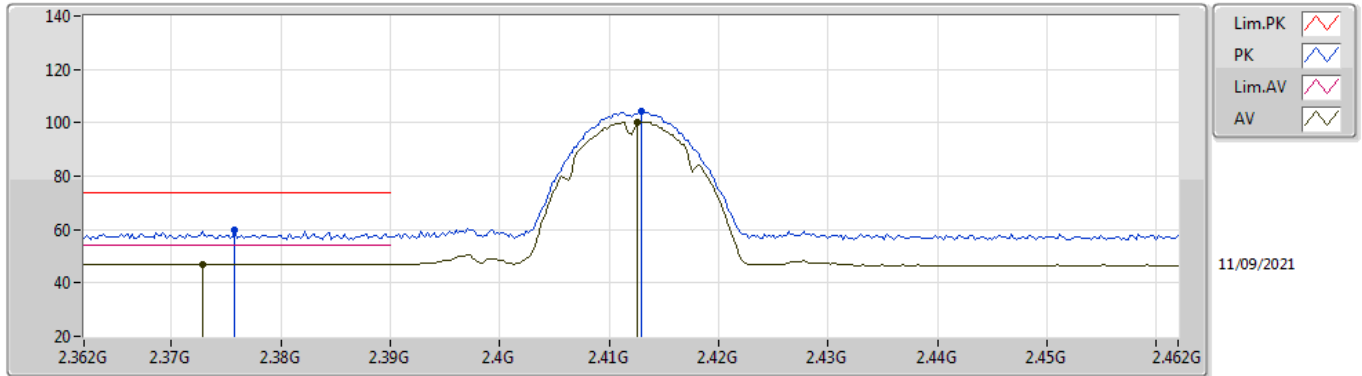
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3706G	47.27	54.00	-6.73	35.01	3	Vertical	75	1.18	-	12.26	27.76	7.25	-
AV	2.4112G	106.52	Inf	-Inf	34.90	3	Vertical	75	1.18	-	71.62	27.63	7.27	-
PK	2.3886G	59.33	74.00	-14.67	34.97	3	Vertical	75	1.18	-	24.36	27.72	7.25	-
PK	2.411G	110.26	Inf	-Inf	34.90	3	Vertical	75	1.18	-	75.36	27.63	7.27	-

802.11b_Nss1,(1Mbps)_2TX

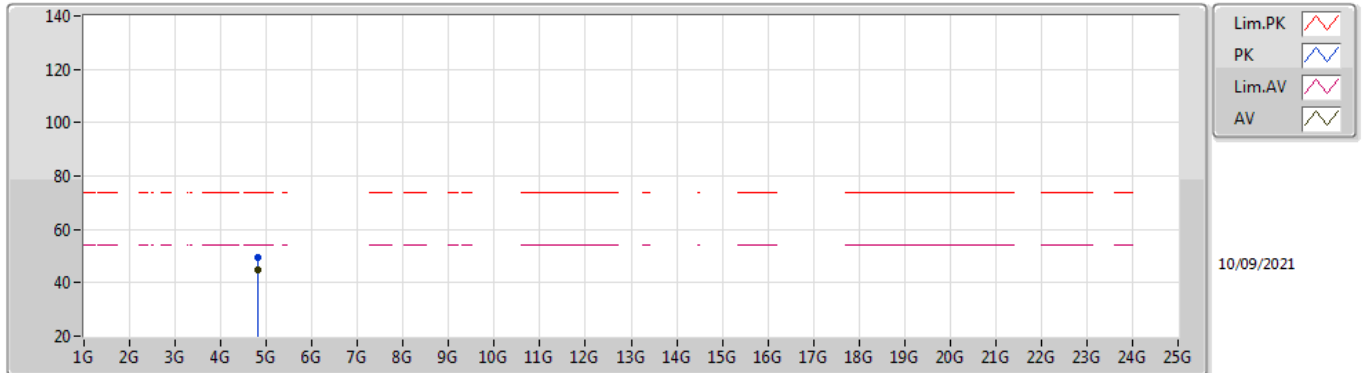
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3728G	47.10	54.00	-6.90	35.00	3	Horizontal	326	1.74	-	12.10	27.75	7.25	-
AV	2.4126G	100.38	Inf	-Inf	34.89	3	Horizontal	326	1.74	-	65.49	27.62	7.27	-
PK	2.3758G	59.74	74.00	-14.26	35.00	3	Horizontal	326	1.74	-	24.74	27.75	7.25	-
PK	2.413G	104.34	Inf	-Inf	34.89	3	Horizontal	326	1.74	-	69.45	27.62	7.27	-

802.11b_Nss1,(1Mbps)_2TX

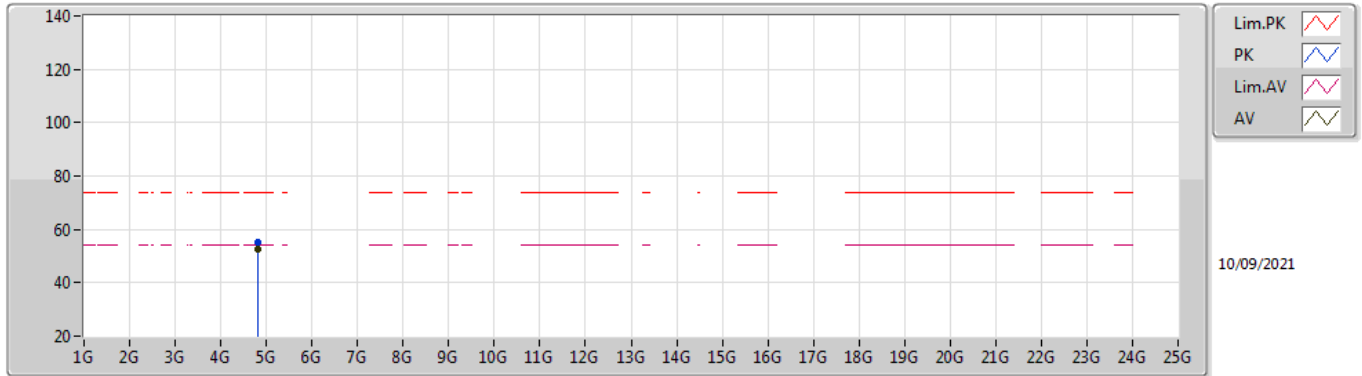
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	44.76	54.00	-9.24	5.79	3	Vertical	124	1.18	-	38.97	31.15	8.92	34.28
PK	4.82392G	49.57	74.00	-24.43	5.79	3	Vertical	124	1.18	-	43.78	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

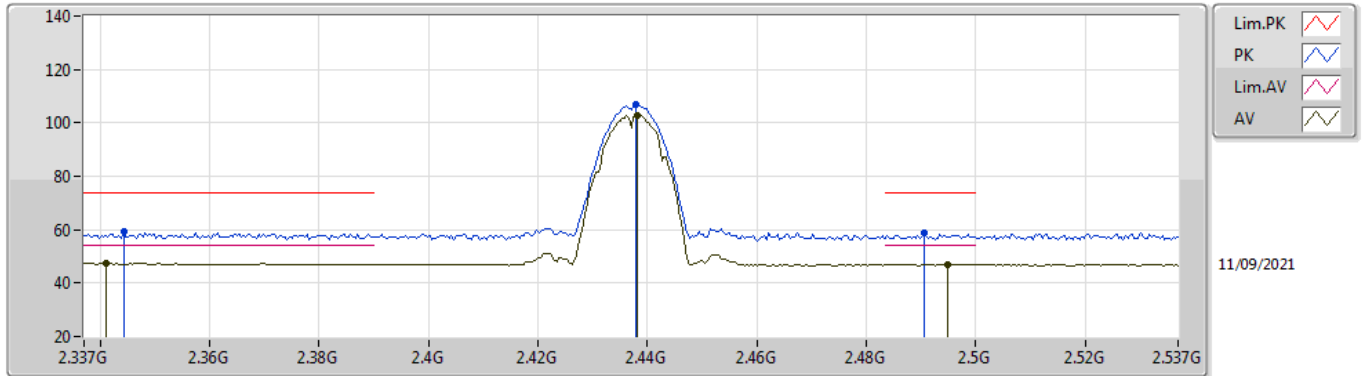
2412MHz_TX



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	4.82396G	52.81	54.00	-1.19	5.79	3	Horizontal	231	1.94	-	47.02	31.15	8.92	34.28
PK	4.82396G	55.15	74.00	-18.85	5.79	3	Horizontal	231	1.94	-	49.36	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_2TX

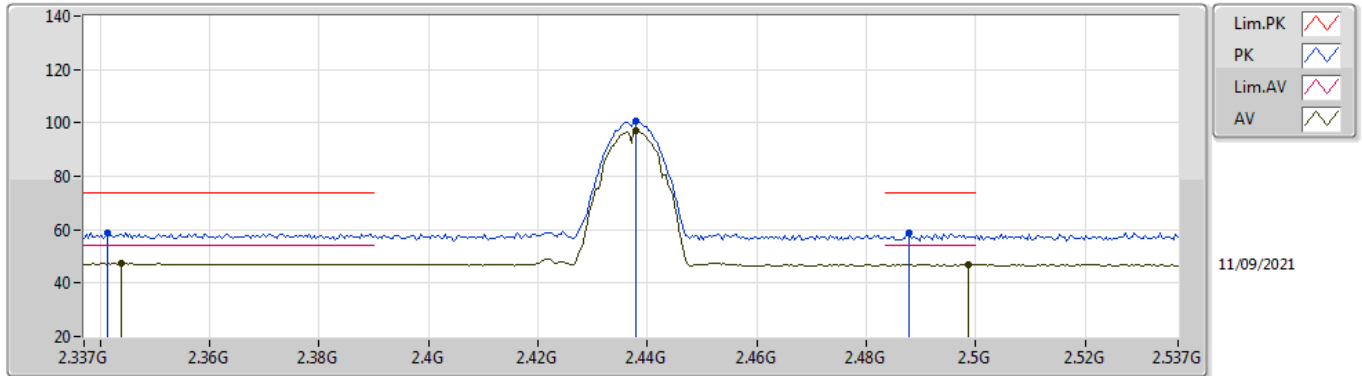
2437MHz_TX



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	2.341G	47.30	54.00	-6.70	35.05	3	Vertical	48	1.53	-	12.25	27.82	7.23	-
AV	2.4382G	102.99	Inf	-Inf	34.76	3	Vertical	48	1.53	-	68.23	27.47	7.29	-
AV	2.495G	46.82	54.00	-7.18	34.74	3	Vertical	48	1.53	-	12.08	27.40	7.34	-
PK	2.3442G	59.19	74.00	-14.81	35.04	3	Vertical	48	1.53	-	24.15	27.81	7.23	-
PK	2.4378G	107.11	Inf	-Inf	34.76	3	Vertical	48	1.53	-	72.35	27.47	7.29	-
PK	2.4906G	59.03	74.00	-14.97	34.73	3	Vertical	48	1.53	-	24.30	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

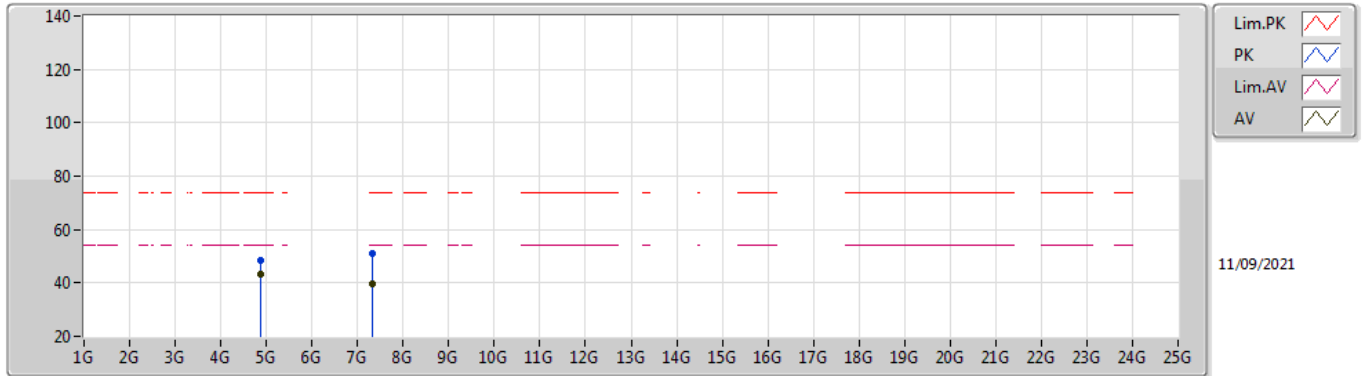
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3438G	47.26	54.00	-6.74	35.04	3	Horizontal	287	2.13	-	12.22	27.81	7.23	-
AV	2.4378G	96.86	Inf	-Inf	34.76	3	Horizontal	287	2.13	-	62.10	27.47	7.29	-
AV	2.4986G	46.72	54.00	-7.28	34.74	3	Horizontal	287	2.13	-	11.98	27.40	7.34	-
PK	2.3414G	58.81	74.00	-15.19	35.05	3	Horizontal	287	2.13	-	23.76	27.82	7.23	-
PK	2.4378G	100.86	Inf	-Inf	34.76	3	Horizontal	287	2.13	-	66.10	27.47	7.29	-
PK	2.4878G	58.90	74.00	-15.10	34.73	3	Horizontal	287	2.13	-	24.17	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

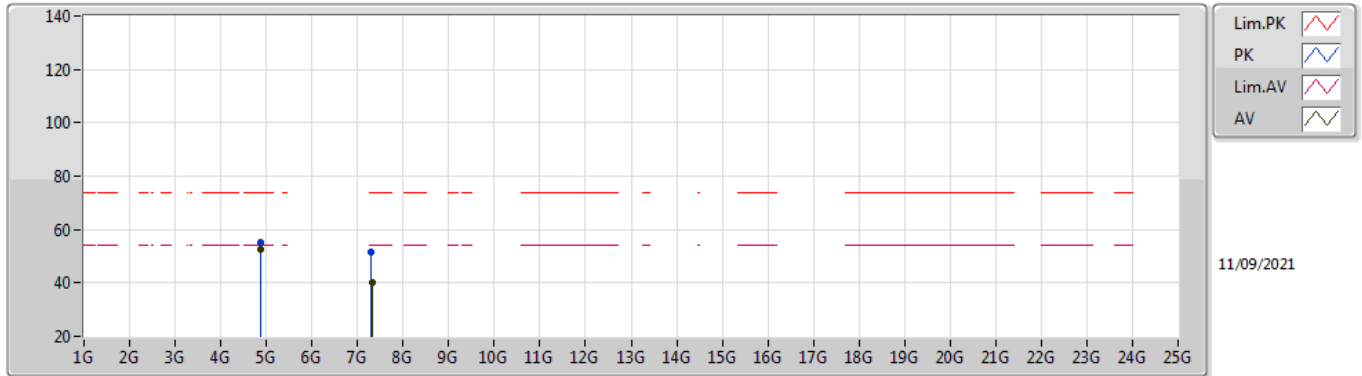
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	43.22	54.00	-10.78	5.90	3	Vertical	182	1.69	-	37.32	31.20	8.96	34.26
AV	7.3128G	39.45	54.00	-14.55	12.42	3	Vertical	145	1.79	-	27.03	36.37	10.62	34.57
PK	4.87396G	48.28	74.00	-25.72	5.90	3	Vertical	182	1.69	-	42.38	31.20	8.96	34.26
PK	7.31272G	51.05	74.00	-22.95	12.42	3	Vertical	145	1.79	-	38.63	36.37	10.62	34.57

802.11b_Nss1,(1Mbps)_2TX

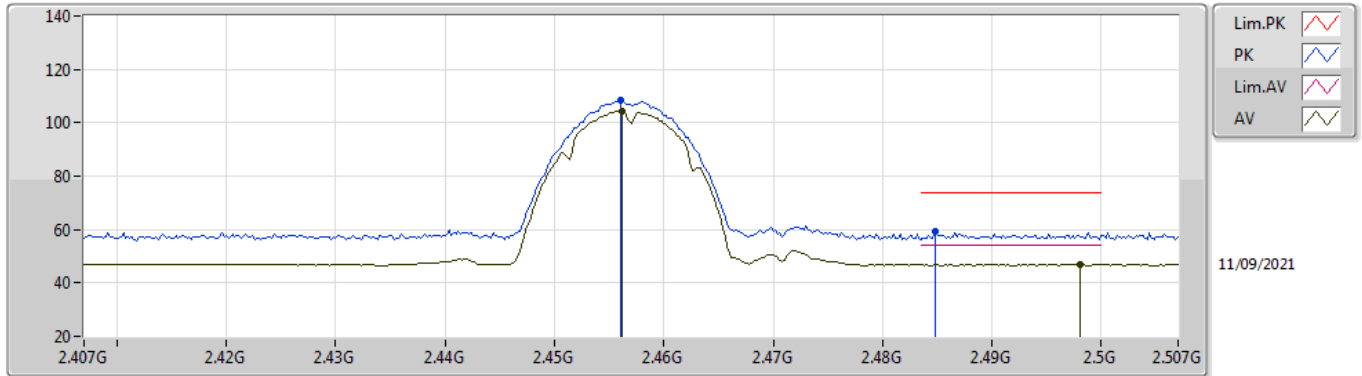
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87396G	52.46	54.00	-1.54	5.90	3	Horizontal	277	1.76	-	46.56	31.20	8.96	34.26
AV	7.31264G	40.00	54.00	-14.00	12.42	3	Horizontal	104	1.83	-	27.58	36.37	10.62	34.57
PK	4.87396G	54.95	74.00	-19.05	5.90	3	Horizontal	277	1.76	-	49.05	31.20	8.96	34.26
PK	7.30972G	51.53	74.00	-22.47	12.43	3	Horizontal	104	1.83	-	39.10	36.38	10.62	34.57

802.11b_Nss1,(1Mbps)_2TX

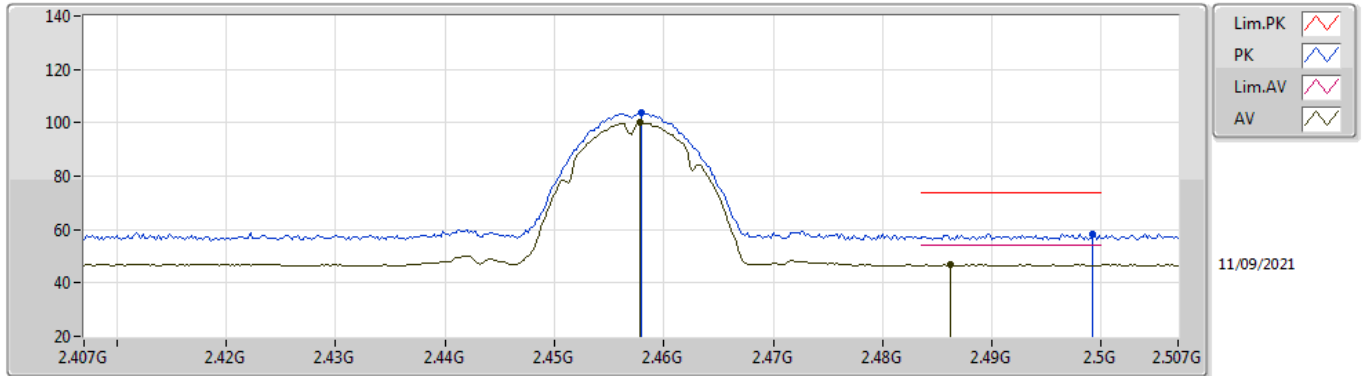
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	104.54	Inf	-Inf	34.70	3	Vertical	292	1.96	-	69.84	27.40	7.30	-
AV	2.498G	46.78	54.00	-7.22	34.74	3	Vertical	292	1.96	-	12.04	27.40	7.34	-
PK	2.456G	108.27	Inf	-Inf	34.70	3	Vertical	292	1.96	-	73.57	27.40	7.30	-
PK	2.4848G	59.06	74.00	-14.94	34.73	3	Vertical	292	1.96	-	24.33	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

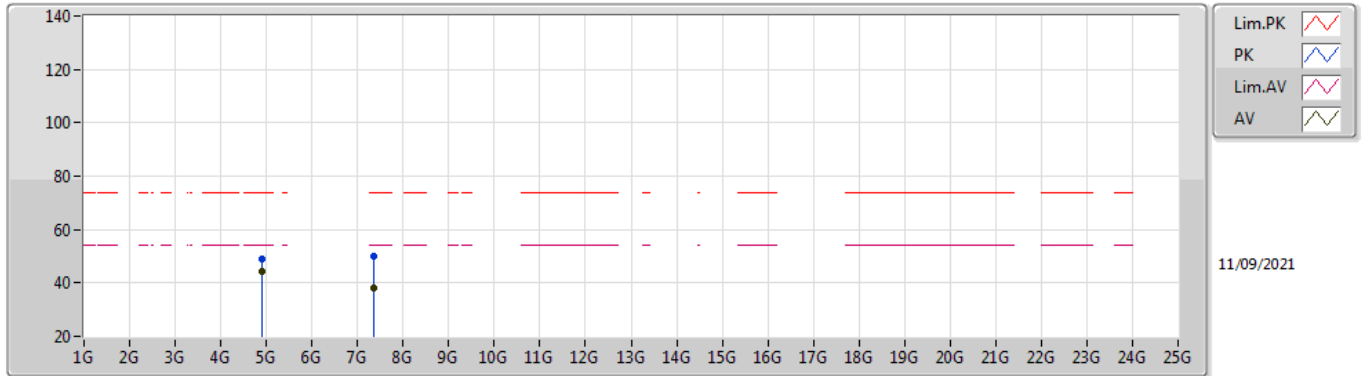
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4578G	99.95	Inf	-Inf	34.71	3	Horizontal	323	1.60	-	65.24	27.40	7.31	-
AV	2.4862G	46.77	54.00	-7.23	34.73	3	Horizontal	323	1.60	-	12.04	27.40	7.33	-
PK	2.458G	103.97	Inf	-Inf	34.71	3	Horizontal	323	1.60	-	69.26	27.40	7.31	-
PK	2.4992G	58.44	74.00	-15.56	34.74	3	Horizontal	323	1.60	-	23.70	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

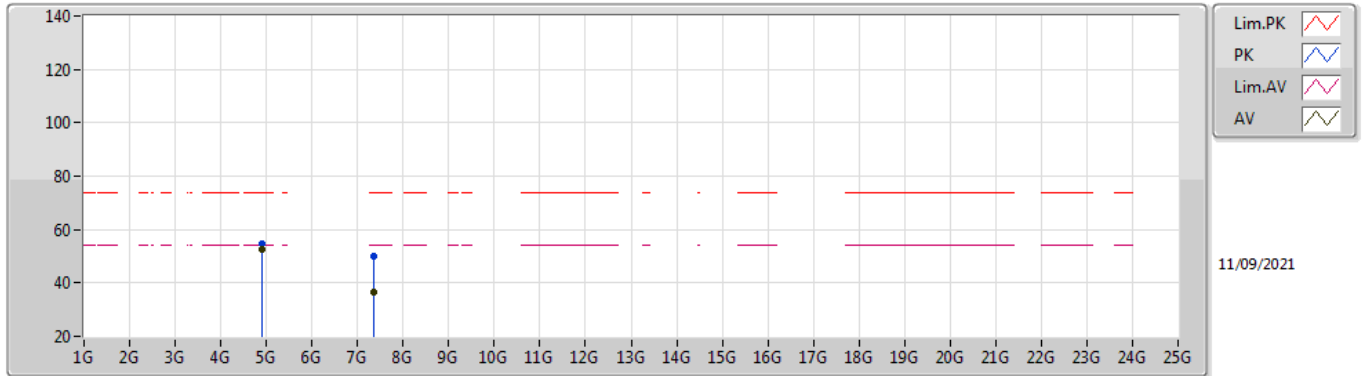
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91396G	44.38	54.00	-9.62	6.00	3	Vertical	0	1.33	-	38.38	31.26	8.99	34.25
AV	7.37G	37.94	54.00	-16.06	12.36	3	Vertical	132	2.90	-	25.58	36.26	10.68	34.58
PK	4.91392G	48.95	74.00	-25.05	6.00	3	Vertical	0	1.33	-	42.95	31.26	8.99	34.25
PK	7.36152G	50.09	74.00	-23.91	12.37	3	Vertical	132	2.90	-	37.72	36.28	10.67	34.58

802.11b_Nss1,(1Mbps)_2TX

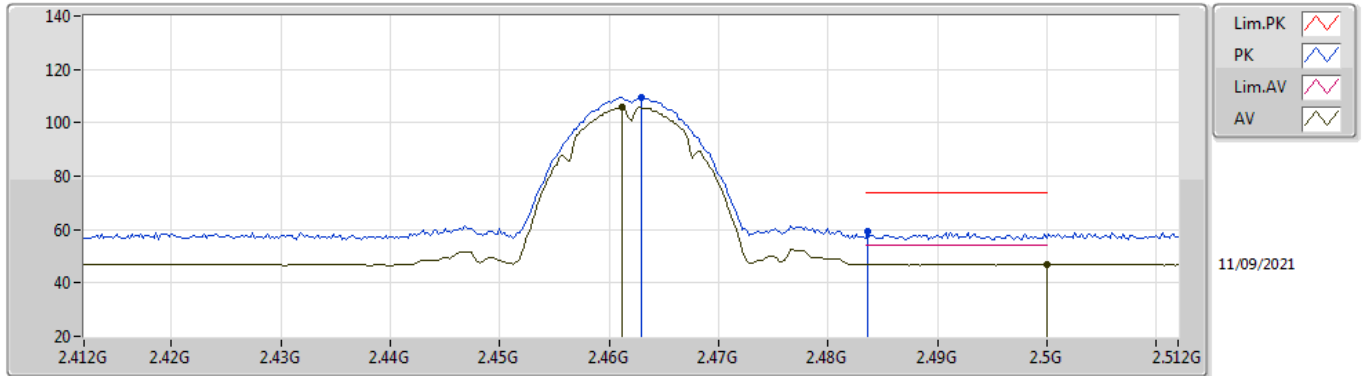
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91396G	52.38	54.00	-1.62	6.00	3	Horizontal	274	1.78	-	46.38	31.26	8.99	34.25
AV	7.36944G	36.73	54.00	-17.27	12.36	3	Horizontal	65	1.50	-	24.37	36.26	10.68	34.58
PK	4.91392G	54.90	74.00	-19.10	6.00	3	Horizontal	274	1.78	-	48.90	31.26	8.99	34.25
PK	7.36664G	49.83	74.00	-24.17	12.37	3	Horizontal	65	1.50	-	37.46	36.27	10.68	34.58

802.11b_Nss1,(1Mbps)_2TX

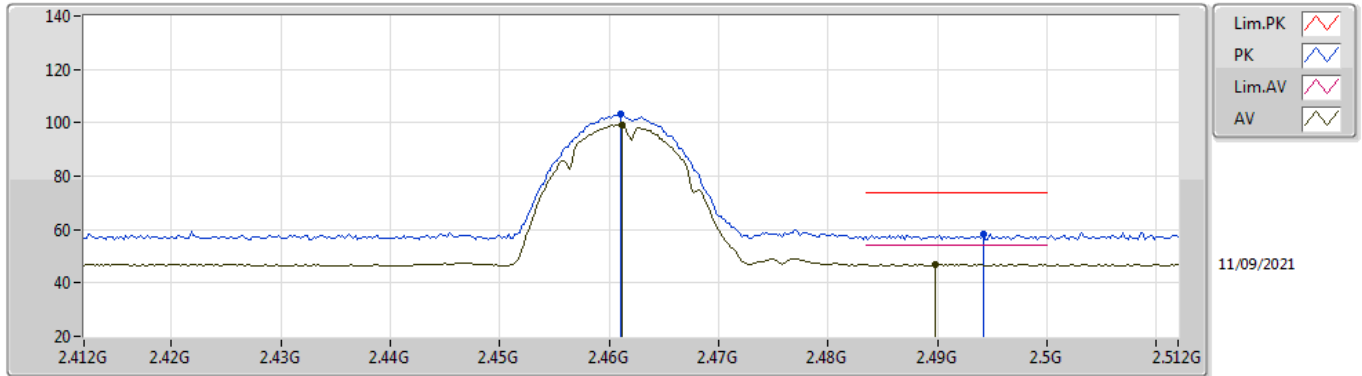
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	105.67	Inf	-Inf	34.71	3	Vertical	157	1.86	-	70.96	27.40	7.31	-
AV	2.5G	46.94	54.00	-7.06	34.74	3	Vertical	157	1.86	-	12.20	27.40	7.34	-
PK	2.463G	109.61	Inf	-Inf	34.71	3	Vertical	157	1.86	-	74.90	27.40	7.31	-
PK	2.4836G	59.51	74.00	-14.49	34.73	3	Vertical	157	1.86	-	24.78	27.40	7.33	-

802.11b_Nss1,(1Mbps)_2TX

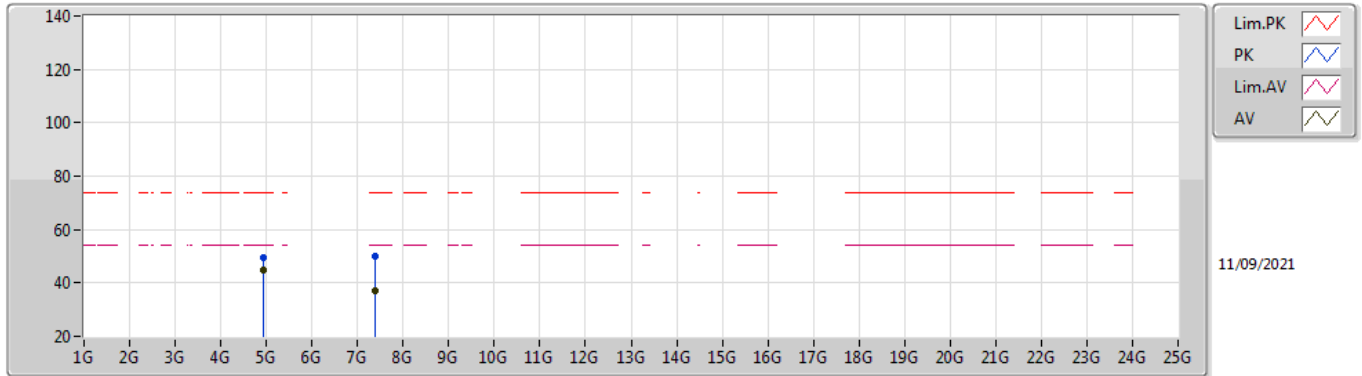
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	99.17	Inf	-Inf	34.71	3	Horizontal	296	2.09	-	64.46	27.40	7.31	-
AV	2.4898G	46.74	54.00	-7.26	34.73	3	Horizontal	296	2.09	-	12.01	27.40	7.33	-
PK	2.461G	103.06	Inf	-Inf	34.71	3	Horizontal	296	2.09	-	68.35	27.40	7.31	-
PK	2.4942G	58.16	74.00	-15.84	34.74	3	Horizontal	296	2.09	-	23.42	27.40	7.34	-

802.11b_Nss1,(1Mbps)_2TX

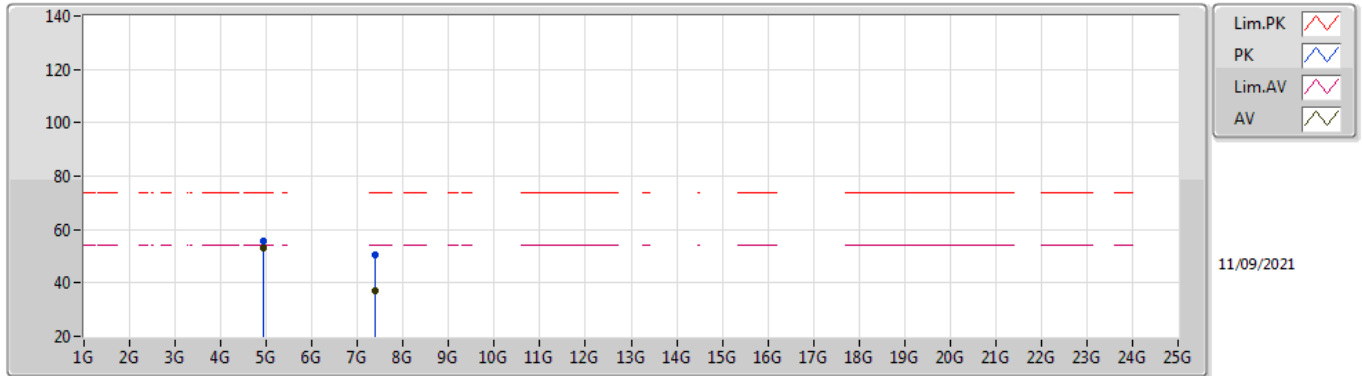
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92396G	45.02	54.00	-8.98	6.04	3	Vertical	357	1.64	-	38.98	31.30	8.99	34.25
AV	7.38672G	37.22	54.00	-16.78	12.35	3	Vertical	145	1.80	-	24.87	36.23	10.70	34.58
PK	4.924G	49.37	74.00	-24.63	6.04	3	Vertical	357	1.64	-	43.33	31.30	8.99	34.25
PK	7.3772G	50.22	74.00	-23.78	12.36	3	Vertical	145	1.80	-	37.86	36.25	10.69	34.58

802.11b_Nss1,(1Mbps)_2TX

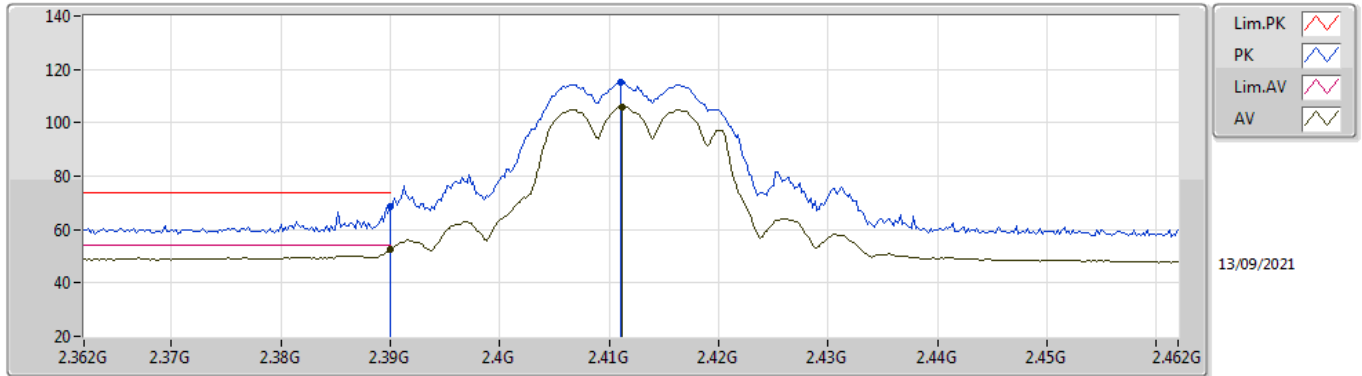
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92392G	52.86	54.00	-1.14	6.04	3	Horizontal	276	1.77	-	46.82	31.30	8.99	34.25
AV	7.3948G	37.08	54.00	-16.92	12.32	3	Horizontal	320	1.50	-	24.76	36.21	10.70	34.59
PK	4.924G	55.49	74.00	-18.51	6.04	3	Horizontal	276	1.77	-	49.45	31.30	8.99	34.25
PK	7.3934G	50.38	74.00	-23.62	12.32	3	Horizontal	320	1.50	-	38.06	36.21	10.70	34.59

802.11g_Nss1,(6Mbps)_2TX

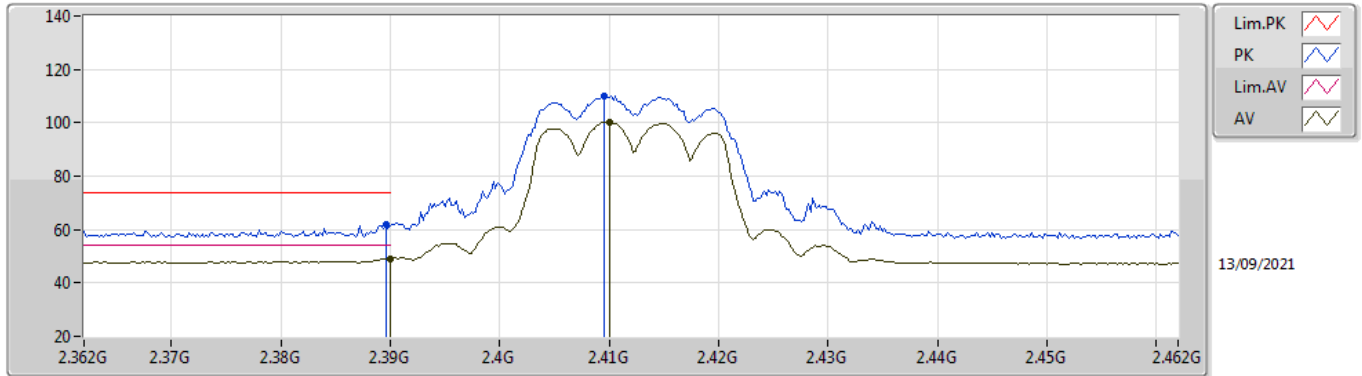
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.43	54.00	-1.57	34.98	3	Vertical	50	1.45	-	17.45	27.72	7.26	-
AV	2.4112G	105.81	Inf	-Inf	34.90	3	Vertical	50	1.45	-	70.91	27.63	7.27	-
PK	2.39G	68.81	74.00	-5.19	34.98	3	Vertical	50	1.45	-	33.83	27.72	7.26	-
PK	2.411G	115.23	Inf	-Inf	34.90	3	Vertical	50	1.45	-	80.33	27.63	7.27	-

802.11g_Nss1,(6Mbps)_2TX

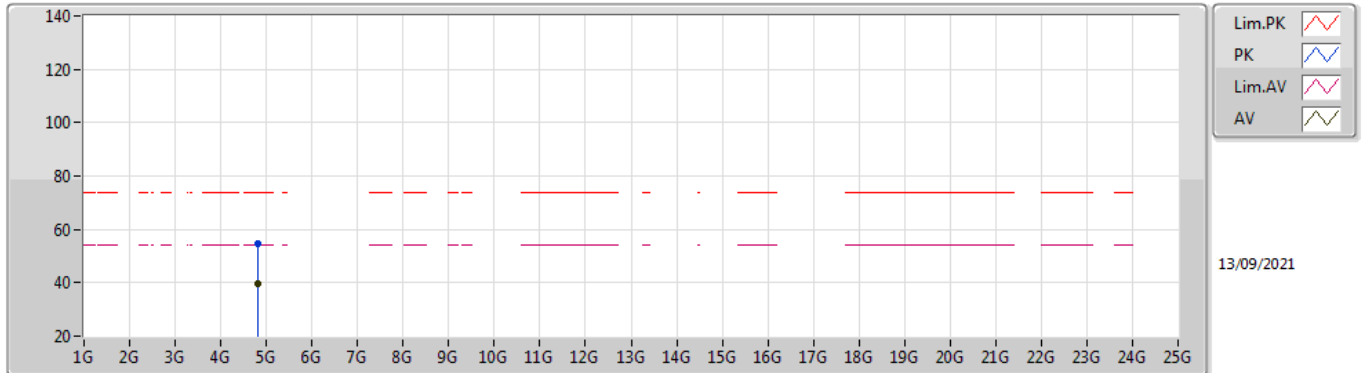
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	49.20	54.00	-4.80	34.98	3	Horizontal	333	1.52	-	14.22	27.72	7.26	-
AV	2.41G	100.38	Inf	-Inf	34.91	3	Horizontal	333	1.52	-	65.47	27.64	7.27	-
PK	2.3896G	61.75	74.00	-12.25	34.98	3	Horizontal	333	1.52	-	26.77	27.72	7.26	-
PK	2.4096G	110.12	Inf	-Inf	34.91	3	Horizontal	333	1.52	-	75.21	27.64	7.27	-

802.11g_Nss1,(6Mbps)_2TX

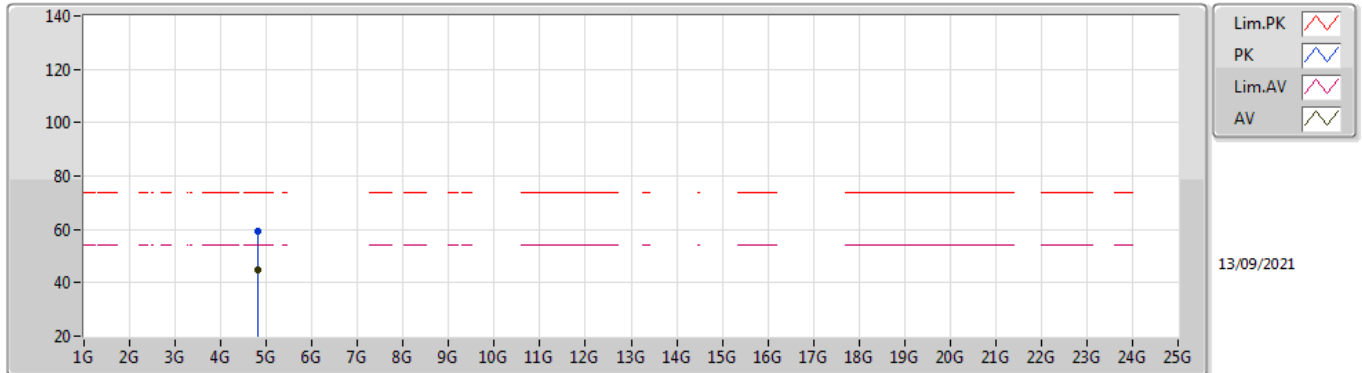
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82552G	39.82	54.00	-14.18	5.79	3	Vertical	182	1.45	-	34.03	31.15	8.92	34.28
PK	4.82588G	54.40	74.00	-19.60	5.79	3	Vertical	182	1.45	-	48.61	31.15	8.92	34.28

802.11g_Nss1,(6Mbps)_2TX

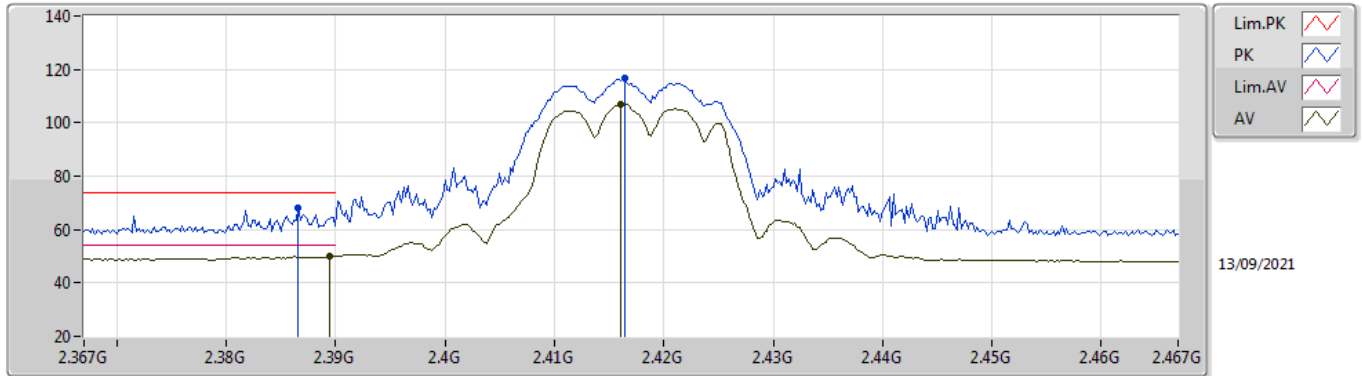
2412MHz_TX



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	4.82232G	44.76	54.00	-9.24	5.78	3	Horizontal	272	1.85	-	38.98	31.14	8.92	34.28
PK	4.82636G	59.19	74.00	-14.81	5.79	3	Horizontal	272	1.85	-	53.40	31.15	8.92	34.28

802.11g_Nss1,(6Mbps)_2TX

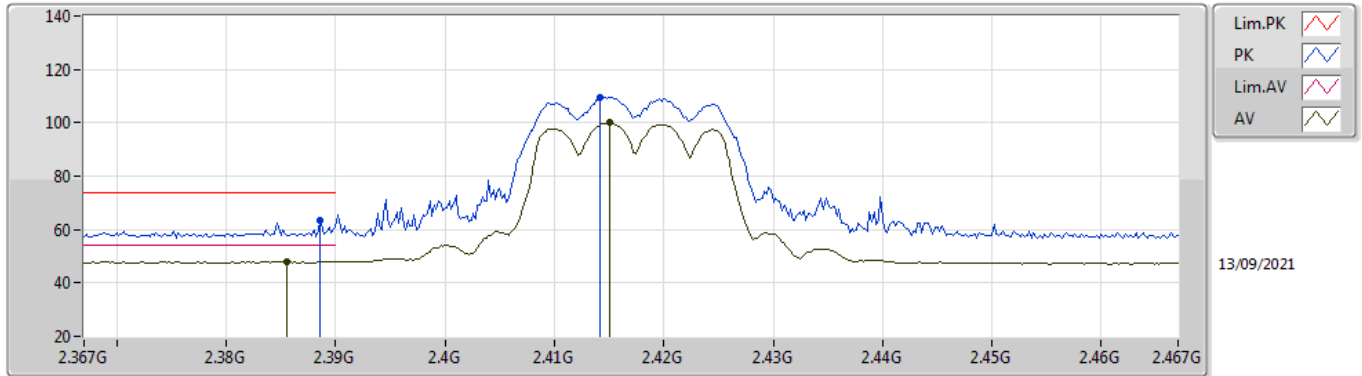
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	49.92	54.00	-4.08	34.98	3	Vertical	52	1.62	-	14.94	27.72	7.26	-
AV	2.416G	107.06	Inf	-Inf	34.87	3	Vertical	52	1.62	-	72.19	27.60	7.27	-
PK	2.3866G	68.19	74.00	-5.81	34.98	3	Vertical	52	1.62	-	33.21	27.73	7.25	-
PK	2.4164G	116.54	Inf	-Inf	34.87	3	Vertical	52	1.62	-	81.67	27.60	7.27	-

802.11g_Nss1,(6Mbps)_2TX

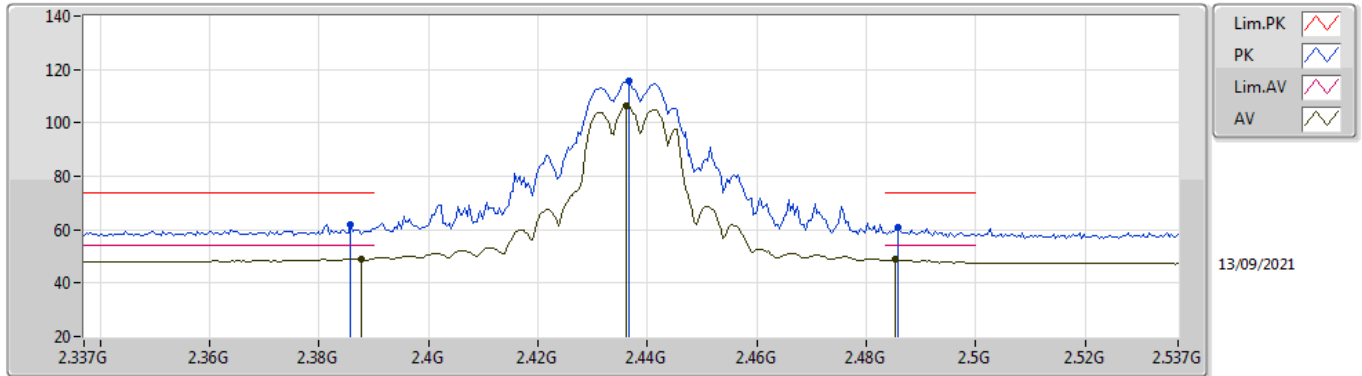
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3856G	48.02	54.00	-5.98	34.98	3	Horizontal	332	1.50	-	13.04	27.73	7.25	-
AV	2.415G	99.98	Inf	-Inf	34.88	3	Horizontal	332	1.50	-	65.10	27.61	7.27	-
PK	2.3886G	63.37	74.00	-10.63	34.97	3	Horizontal	332	1.50	-	28.40	27.72	7.25	-
PK	2.4142G	109.58	Inf	-Inf	34.88	3	Horizontal	332	1.50	-	74.70	27.61	7.27	-

802.11g_Nss1,(6Mbps)_2TX

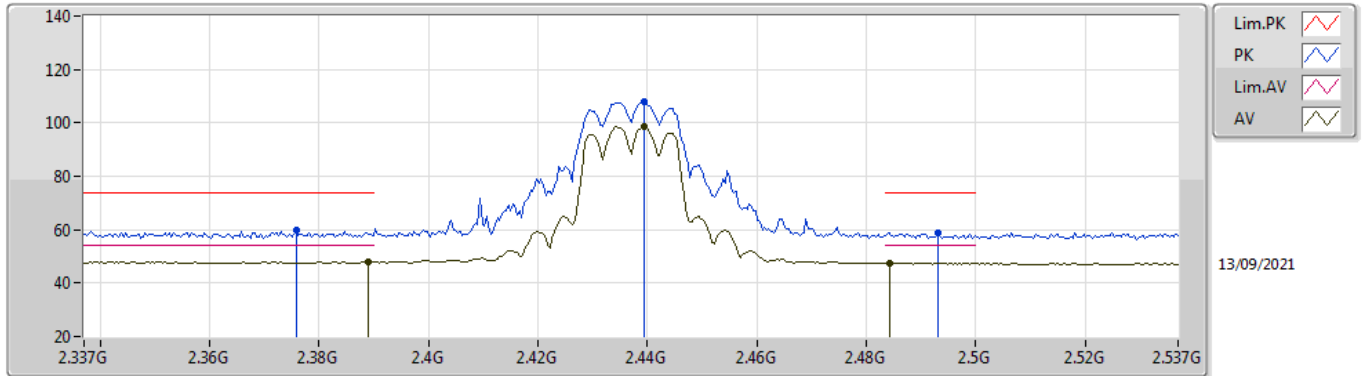
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	49.08	54.00	-4.92	34.97	3	Vertical	52	1.51	-	14.11	27.72	7.25	-
AV	2.4362G	106.27	Inf	-Inf	34.77	3	Vertical	52	1.51	-	71.50	27.48	7.29	-
AV	2.4854G	48.79	54.00	-5.21	34.73	3	Vertical	52	1.51	-	14.06	27.40	7.33	-
PK	2.3858G	61.73	74.00	-12.27	34.98	3	Vertical	52	1.51	-	26.75	27.73	7.25	-
PK	2.4366G	115.50	Inf	-Inf	34.77	3	Vertical	52	1.51	-	80.73	27.48	7.29	-
PK	2.4858G	60.63	74.00	-13.37	34.73	3	Vertical	52	1.51	-	25.90	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

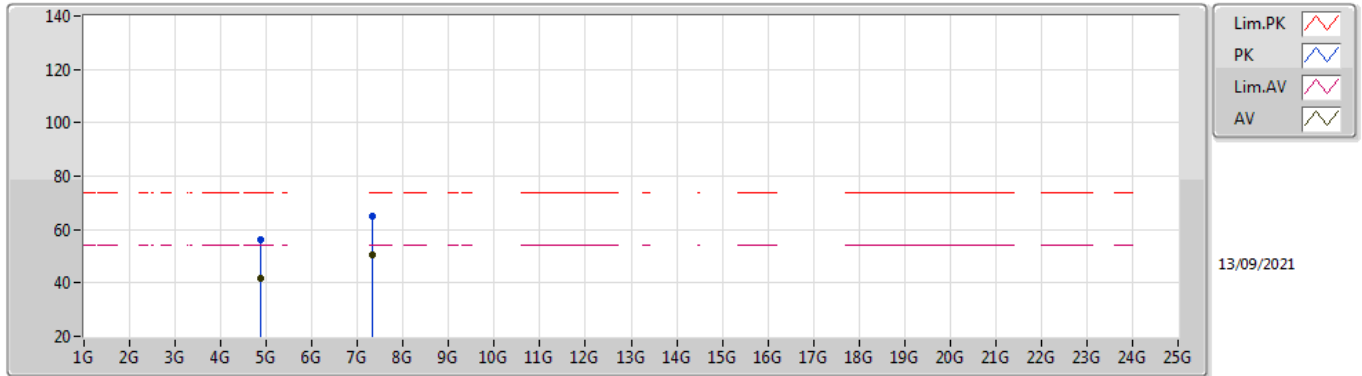
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	47.94	54.00	-6.06	34.98	3	Horizontal	326	1.55	-	12.96	27.72	7.26	-
AV	2.4394G	98.69	Inf	-Inf	34.75	3	Horizontal	326	1.55	-	63.94	27.46	7.29	-
AV	2.4842G	47.67	54.00	-6.33	34.73	3	Horizontal	326	1.55	-	12.94	27.40	7.33	-
PK	2.3758G	59.85	74.00	-14.15	35.00	3	Horizontal	326	1.55	-	24.85	27.75	7.25	-
PK	2.4394G	107.86	Inf	-Inf	34.75	3	Horizontal	326	1.55	-	73.11	27.46	7.29	-
PK	2.493G	58.70	74.00	-15.30	34.73	3	Horizontal	326	1.55	-	23.97	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

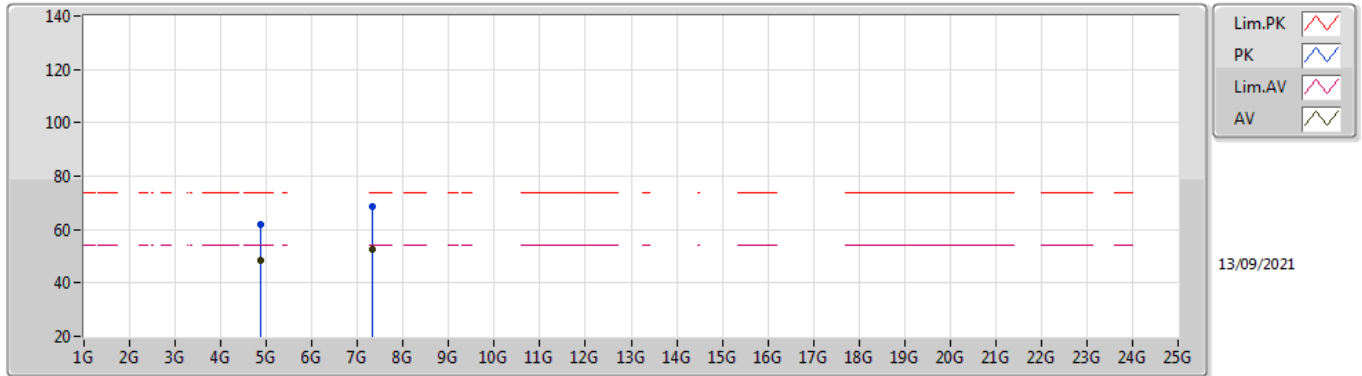
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87556G	41.81	54.00	-12.19	5.90	3	Vertical	181	1.27	-	35.91	31.20	8.96	34.26
AV	7.31208G	50.35	54.00	-3.65	12.43	3	Vertical	132	1.01	-	37.92	36.38	10.62	34.57
PK	4.87562G	56.30	74.00	-17.70	5.90	3	Vertical	181	1.27	-	50.40	31.20	8.96	34.26
PK	7.31166G	64.81	74.00	-9.19	12.43	3	Vertical	132	1.01	-	52.38	36.38	10.62	34.57

802.11g_Nss1,(6Mbps)_2TX

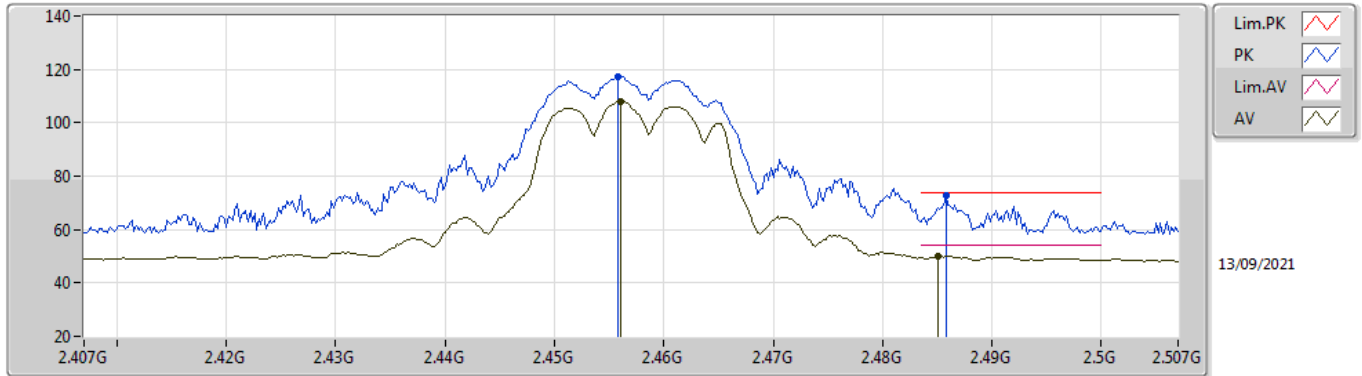
2437MHz_TX



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	4.874G	48.24	54.00	-5.76	5.90	3	Horizontal	228	1.50	-	42.34	31.20	8.96	34.26
AV	7.31178G	52.55	54.00	-1.45	12.43	3	Horizontal	134	2.27	-	40.12	36.38	10.62	34.57
PK	4.87418G	61.95	74.00	-12.05	5.90	3	Horizontal	228	1.50	-	56.05	31.20	8.96	34.26
PK	7.31202G	68.44	74.00	-5.56	12.43	3	Horizontal	134	2.27	-	56.01	36.38	10.62	34.57

802.11g_Nss1,(6Mbps)_2TX

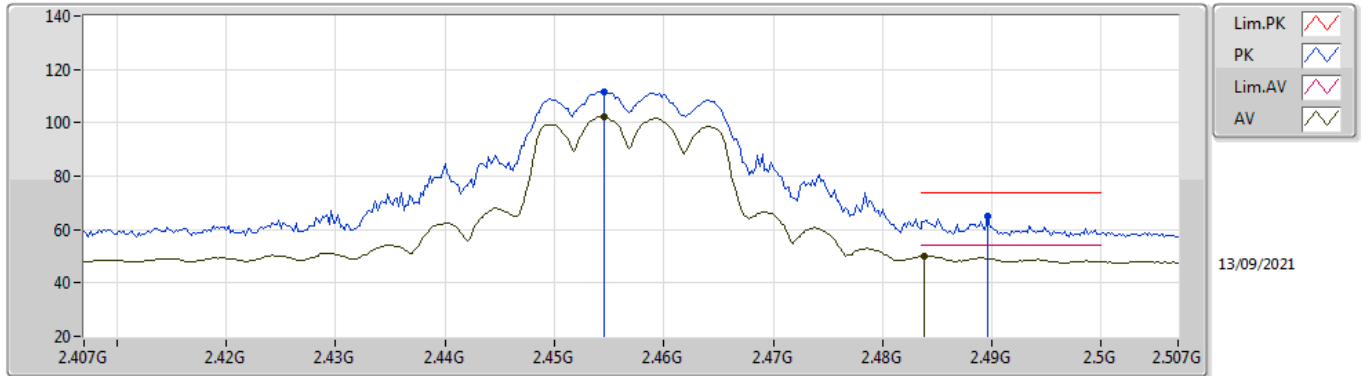
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.456G	108.06	Inf	-Inf	34.70	3	Vertical	50	1.03	-	73.36	27.40	7.30	-
AV	2.485G	50.12	54.00	-3.88	34.73	3	Vertical	50	1.03	-	15.39	27.40	7.33	-
PK	2.4558G	117.38	Inf	-Inf	34.70	3	Vertical	50	1.03	-	82.68	27.40	7.30	-
PK	2.4858G	72.83	74.00	-1.17	34.73	3	Vertical	50	1.03	-	38.10	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

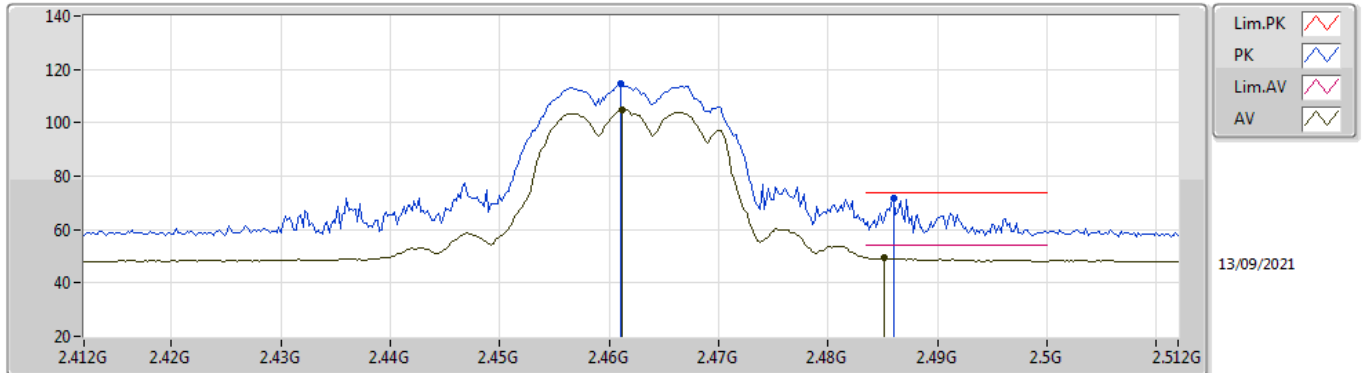
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4546G	102.36	Inf	-Inf	34.70	3	Horizontal	325	1.56	-	67.66	27.40	7.30	-
AV	2.4838G	50.13	54.00	-3.87	34.73	3	Horizontal	325	1.56	-	15.40	27.40	7.33	-
PK	2.4546G	111.72	Inf	-Inf	34.70	3	Horizontal	325	1.56	-	77.02	27.40	7.30	-
PK	2.4896G	64.77	74.00	-9.23	34.73	3	Horizontal	325	1.56	-	30.04	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

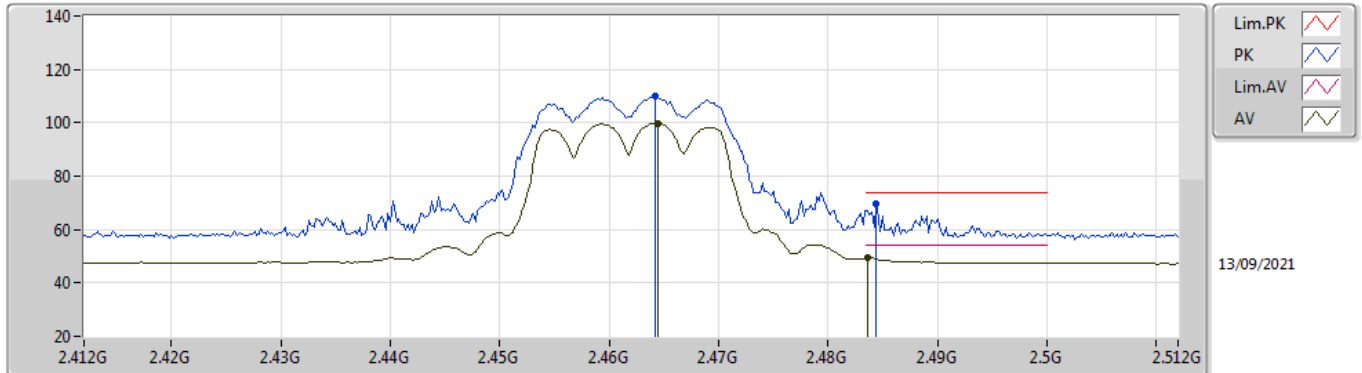
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	104.89	Inf	-Inf	34.71	3	Vertical	174	1.62	-	70.18	27.40	7.31	-
AV	2.4852G	49.27	54.00	-4.73	34.73	3	Vertical	174	1.62	-	14.54	27.40	7.33	-
PK	2.461G	114.80	Inf	-Inf	34.71	3	Vertical	174	1.62	-	80.09	27.40	7.31	-
PK	2.486G	71.84	74.00	-2.16	34.73	3	Vertical	174	1.62	-	37.11	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

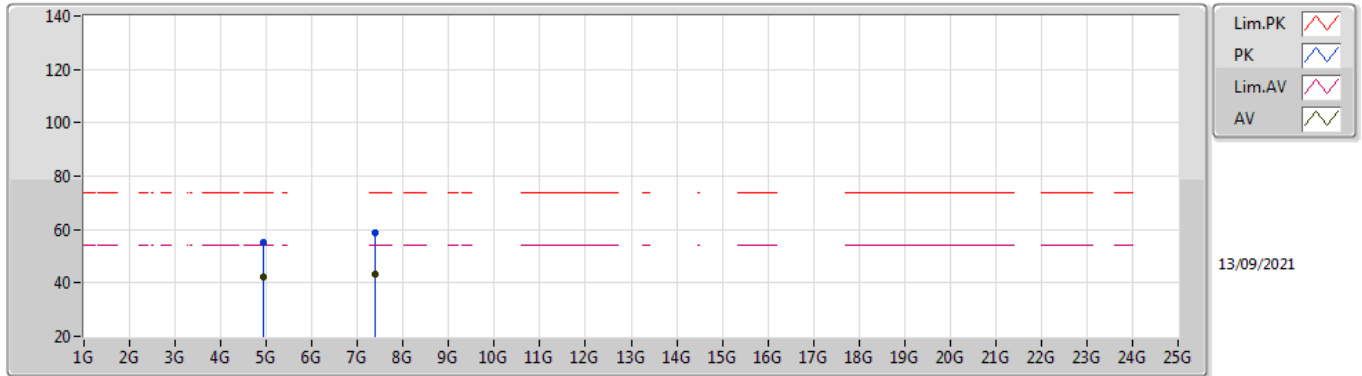
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4644G	99.72	Inf	-Inf	34.71	3	Horizontal	325	1.49	-	65.01	27.40	7.31	-
AV	2.4836G	49.54	54.00	-4.46	34.73	3	Horizontal	325	1.49	-	14.81	27.40	7.33	-
PK	2.4642G	110.24	Inf	-Inf	34.71	3	Horizontal	325	1.49	-	75.53	27.40	7.31	-
PK	2.4844G	69.82	74.00	-4.18	34.73	3	Horizontal	325	1.49	-	35.09	27.40	7.33	-

802.11g_Nss1,(6Mbps)_2TX

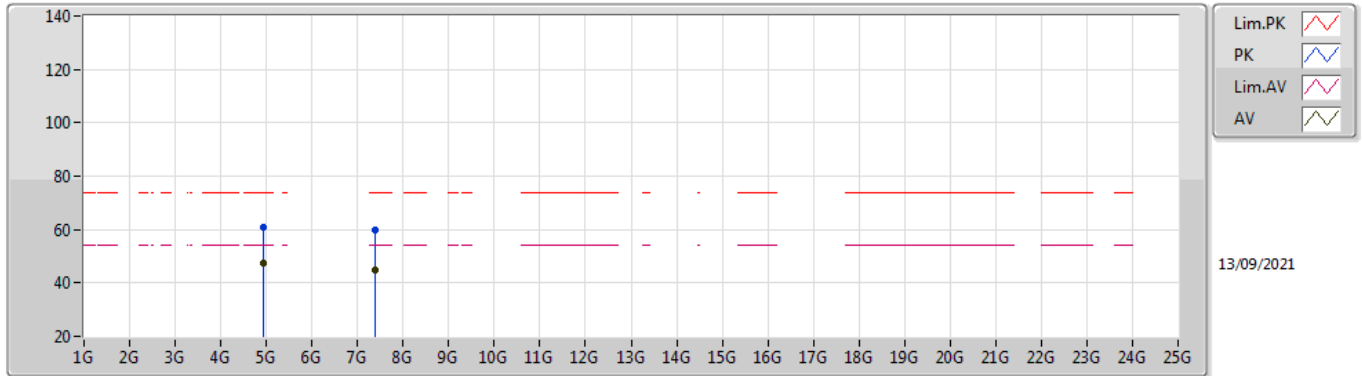
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92484G	42.24	54.00	-11.76	6.04	3	Vertical	135	1.86	-	36.20	31.30	8.99	34.25
AV	7.38486G	43.34	54.00	-10.66	12.34	3	Vertical	132	1.00	-	31.00	36.23	10.69	34.58
PK	4.92412G	55.40	74.00	-18.60	6.04	3	Vertical	135	1.86	-	49.36	31.30	8.99	34.25
PK	7.3845G	58.76	74.00	-15.24	12.34	3	Vertical	132	1.00	-	46.42	36.23	10.69	34.58

802.11g_Nss1,(6Mbps)_2TX

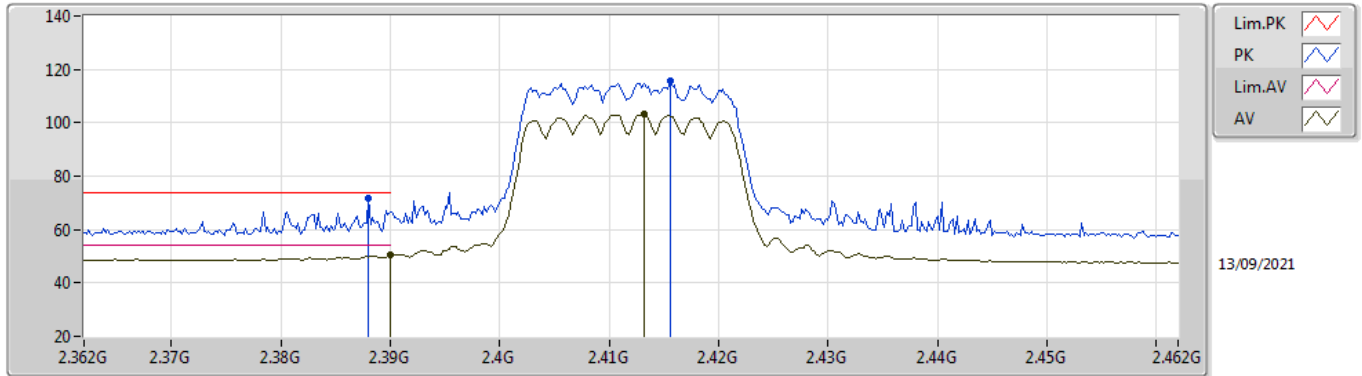
2462MHz_TX



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	4.92352G	47.35	54.00	-6.65	6.03	3	Horizontal	272	1.84	-	41.32	31.29	8.99	34.25
AV	7.3845G	44.65	54.00	-9.35	12.34	3	Horizontal	62	1.96	-	32.31	36.23	10.69	34.58
PK	4.92808G	60.97	74.00	-13.03	6.07	3	Horizontal	272	1.84	-	54.90	31.31	9.00	34.24
PK	7.37988G	60.02	74.00	-13.98	12.35	3	Horizontal	62	1.96	-	47.67	36.24	10.69	34.58

802.11ax HEW20_Nss1,(MCS0)_2TX

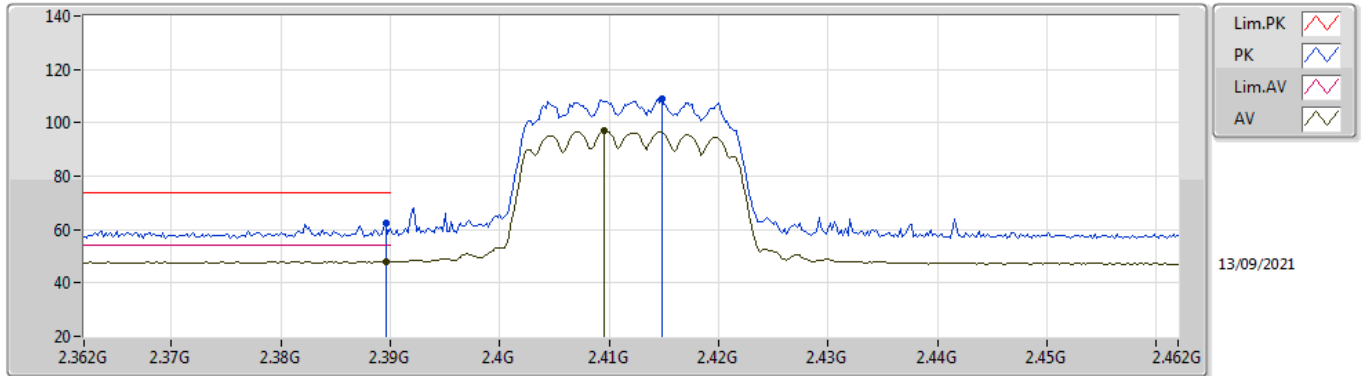
2412MHz_TX



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	50.44	54.00	-3.56	34.98	3	Vertical	50	1.58	-	15.46	27.72	7.26	-
AV	2.4132G	103.05	Inf	-Inf	34.89	3	Vertical	50	1.58	-	68.16	27.62	7.27	-
PK	2.388G	71.65	74.00	-2.35	34.97	3	Vertical	50	1.58	-	36.68	27.72	7.25	-
PK	2.4156G	115.55	Inf	-Inf	34.88	3	Vertical	50	1.58	-	80.67	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

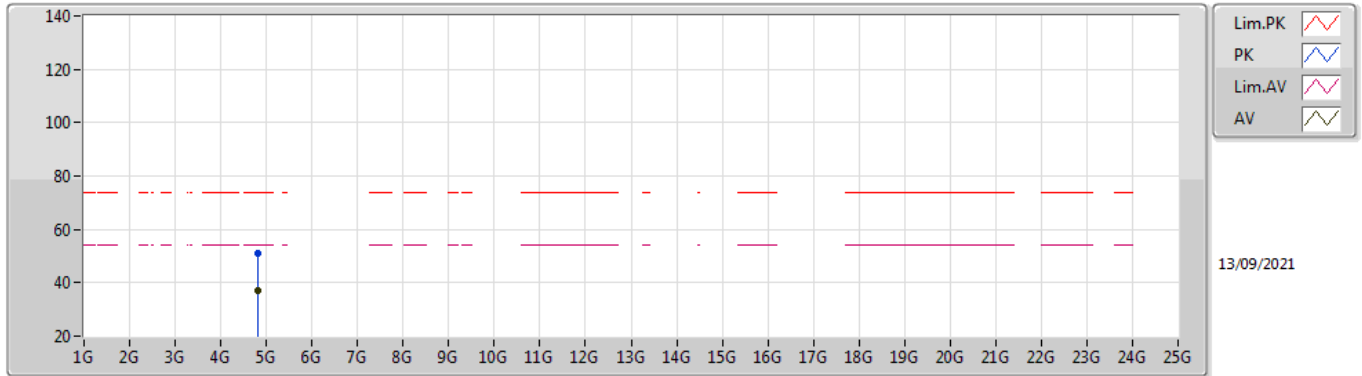
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	48.06	54.00	-5.94	34.98	3	Horizontal	331	1.50	-	13.08	27.72	7.26	-
AV	2.4096G	96.93	Inf	-Inf	34.91	3	Horizontal	331	1.50	-	62.02	27.64	7.27	-
PK	2.3896G	62.40	74.00	-11.60	34.98	3	Horizontal	331	1.50	-	27.42	27.72	7.26	-
PK	2.4148G	109.17	Inf	-Inf	34.88	3	Horizontal	331	1.50	-	74.29	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

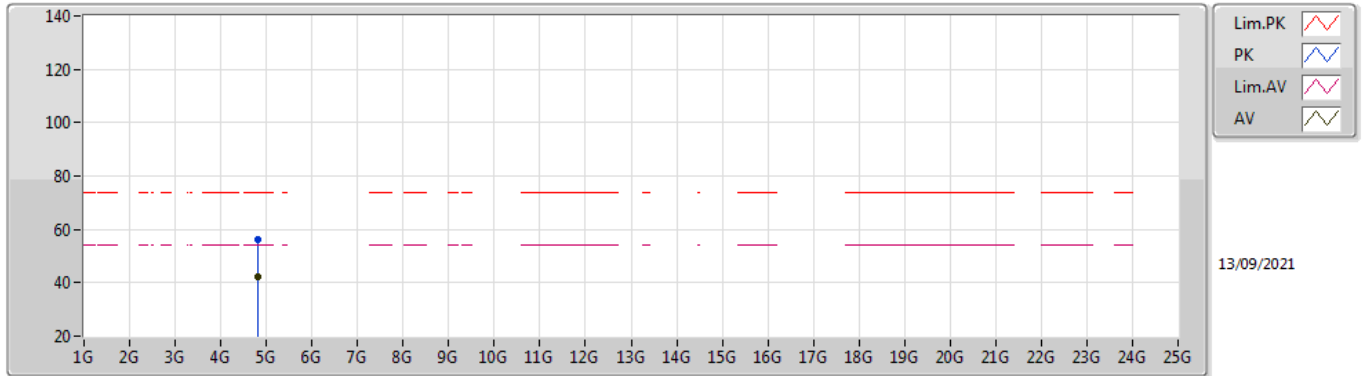
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82244G	37.20	54.00	-16.80	5.78	3	Vertical	196	1.01	-	31.42	31.14	8.92	34.28
PK	4.8268G	50.87	74.00	-23.13	5.79	3	Vertical	196	1.01	-	45.08	31.15	8.92	34.28

802.11ax HEW20_Nss1,(MCS0)_2TX

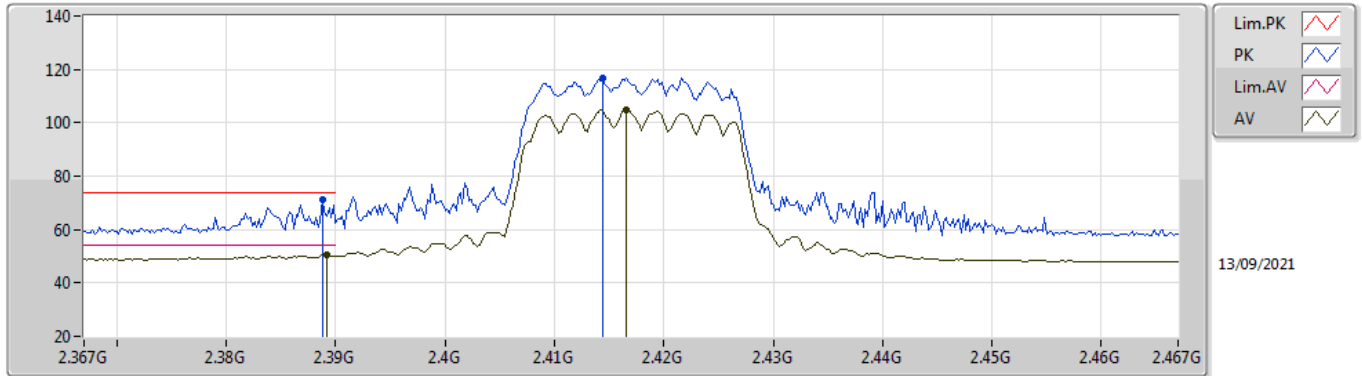
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82552G	42.05	54.00	-11.95	5.79	3	Horizontal	216	1.69	-	36.26	31.15	8.92	34.28
PK	4.82624G	56.25	74.00	-17.75	5.79	3	Horizontal	216	1.69	-	50.46	31.15	8.92	34.28

802.11ax HEW20_Nss1,(MCS0)_2TX

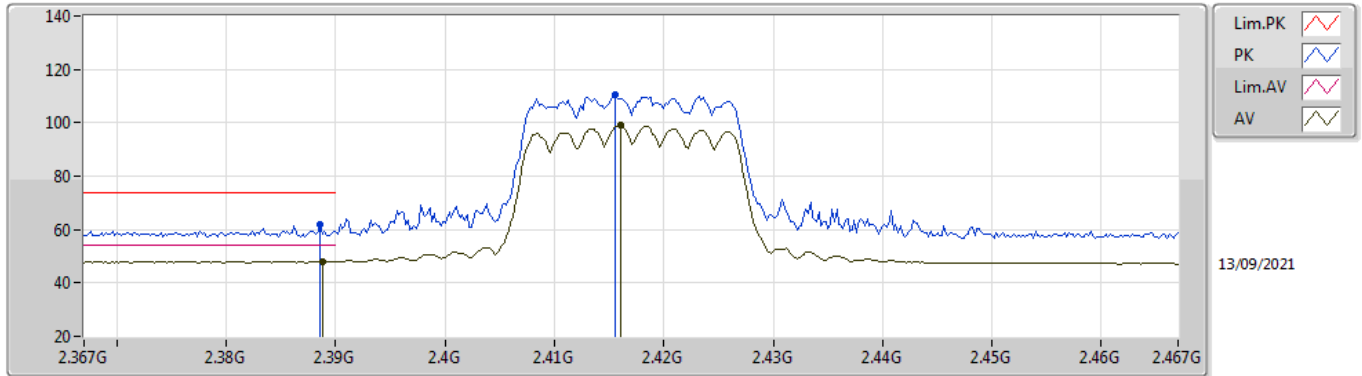
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	50.62	54.00	-3.38	34.98	3	Vertical	50	1.62	-	15.64	27.72	7.26	-
AV	2.4166G	104.90	Inf	-Inf	34.87	3	Vertical	50	1.62	-	70.03	27.60	7.27	-
PK	2.3888G	71.25	74.00	-2.75	34.97	3	Vertical	50	1.62	-	36.28	27.72	7.25	-
PK	2.4144G	116.62	Inf	-Inf	34.88	3	Vertical	50	1.62	-	81.74	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

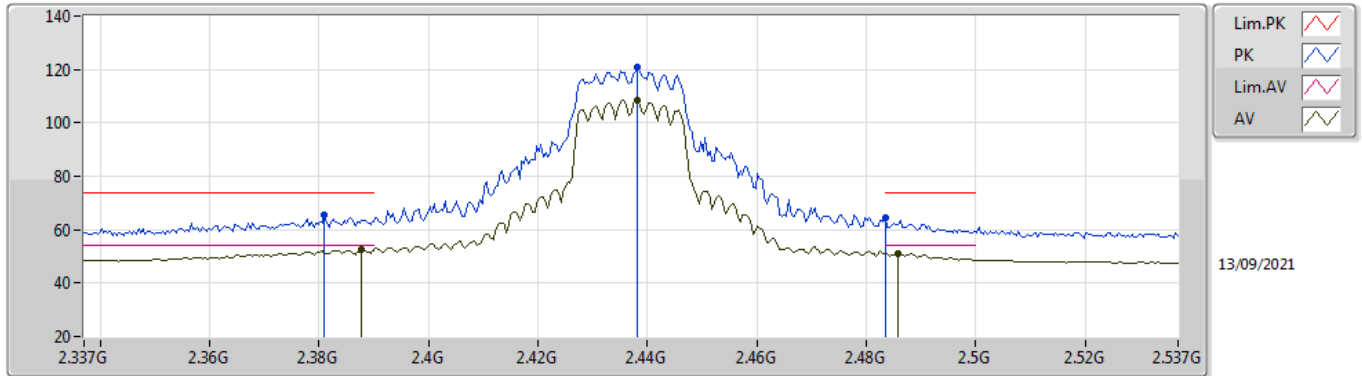
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	48.11	54.00	-5.89	34.97	3	Horizontal	330	1.79	-	13.14	27.72	7.25	-
AV	2.416G	98.90	Inf	-Inf	34.87	3	Horizontal	330	1.79	-	64.03	27.60	7.27	-
PK	2.3886G	61.91	74.00	-12.09	34.97	3	Horizontal	330	1.79	-	26.94	27.72	7.25	-
PK	2.4156G	110.29	Inf	-Inf	34.88	3	Horizontal	330	1.79	-	75.41	27.61	7.27	-

802.11ax HEW20_Nss1,(MCS0)_2TX

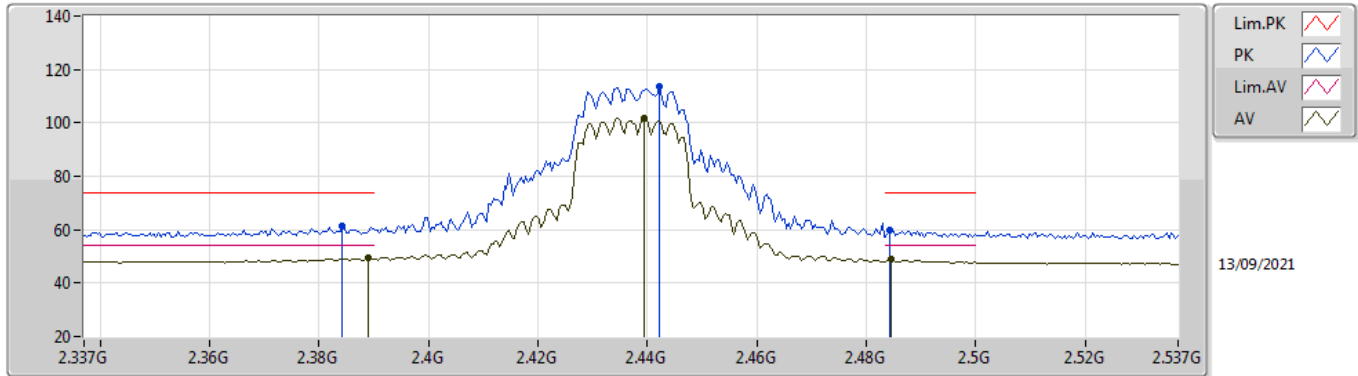
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	52.55	54.00	-1.45	34.97	3	Vertical	49	1.50	-	17.58	27.72	7.25	-
AV	2.4382G	108.56	Inf	-Inf	34.76	3	Vertical	49	1.50	-	73.80	27.47	7.29	-
AV	2.4858G	51.15	54.00	-2.85	34.73	3	Vertical	49	1.50	-	16.42	27.40	7.33	-
PK	2.381G	65.36	74.00	-8.64	34.99	3	Vertical	49	1.50	-	30.37	27.74	7.25	-
PK	2.4382G	120.91	Inf	-Inf	34.76	3	Vertical	49	1.50	-	86.15	27.47	7.29	-
PK	2.4835G	64.50	74.00	-9.50	34.73	3	Vertical	49	1.50	-	29.77	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

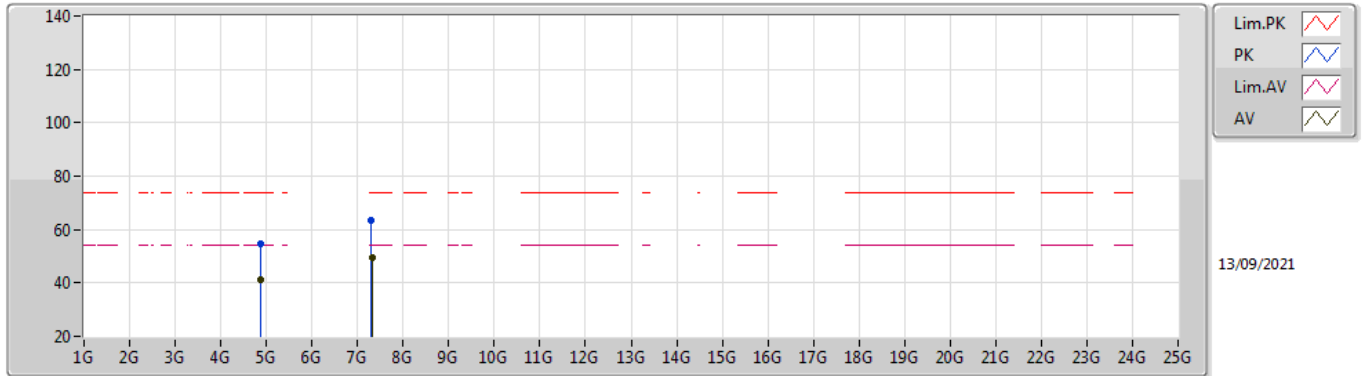
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	49.35	54.00	-4.65	34.98	3	Horizontal	324	1.55	-	14.37	27.72	7.26	-
AV	2.4394G	101.59	Inf	-Inf	34.75	3	Horizontal	324	1.55	-	66.84	27.46	7.29	-
AV	2.4846G	48.78	54.00	-5.22	34.73	3	Horizontal	324	1.55	-	14.05	27.40	7.33	-
PK	2.3842G	61.21	74.00	-12.79	34.98	3	Horizontal	324	1.55	-	26.23	27.73	7.25	-
PK	2.4422G	113.41	Inf	-Inf	34.74	3	Horizontal	324	1.55	-	78.67	27.45	7.29	-
PK	2.4842G	60.01	74.00	-13.99	34.73	3	Horizontal	324	1.55	-	25.28	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

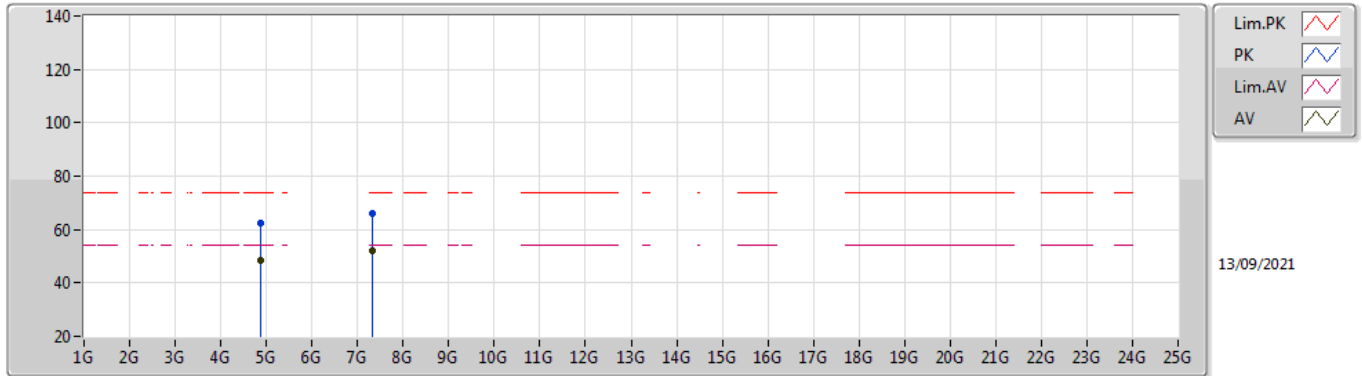
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87508G	41.21	54.00	-12.79	5.90	3	Vertical	181	1.50	-	35.31	31.20	8.96	34.26
AV	7.3104G	49.43	54.00	-4.57	12.43	3	Vertical	132	1.00	-	37.00	36.38	10.62	34.57
PK	4.87256G	54.47	74.00	-19.53	5.89	3	Vertical	181	1.50	-	48.58	31.20	8.95	34.26
PK	7.31016G	63.59	74.00	-10.41	12.43	3	Vertical	132	1.00	-	51.16	36.38	10.62	34.57

802.11ax HEW20_Nss1,(MCS0)_2TX

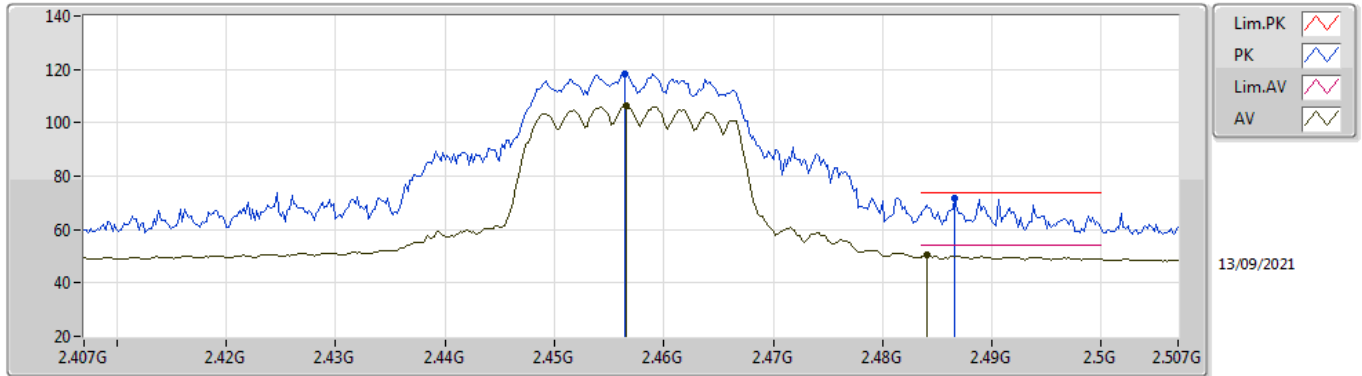
2437MHz_TX



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	4.87424G	48.36	54.00	-5.64	5.90	3	Horizontal	227	1.50	-	42.46	31.20	8.96	34.26
AV	7.3104G	52.06	54.00	-1.94	12.43	3	Horizontal	137	1.99	-	39.63	36.38	10.62	34.57
PK	4.87406G	62.67	74.00	-11.33	5.90	3	Horizontal	227	1.50	-	56.77	31.20	8.96	34.26
PK	7.31292G	66.27	74.00	-7.73	12.42	3	Horizontal	137	1.99	-	53.85	36.37	10.62	34.57

802.11ax HEW20_Nss1,(MCS0)_2TX

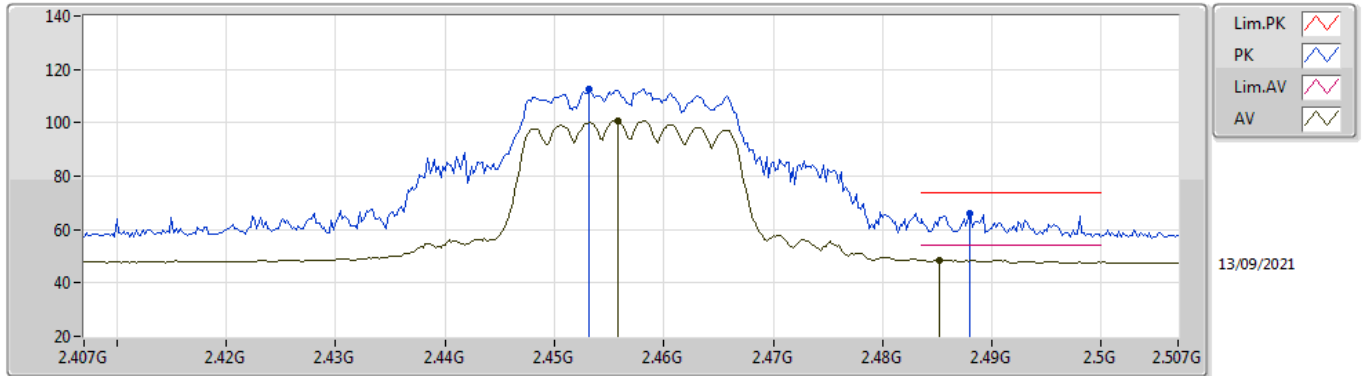
2457MHz_TX



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	2.4566G	106.32	Inf	-Inf	34.71	3	Vertical	48	1.00	-	71.61	27.40	7.31	-
AV	2.484G	50.52	54.00	-3.48	34.73	3	Vertical	48	1.00	-	15.79	27.40	7.33	-
PK	2.4564G	118.33	Inf	-Inf	34.71	3	Vertical	48	1.00	-	83.62	27.40	7.31	-
PK	2.4866G	71.66	74.00	-2.34	34.73	3	Vertical	48	1.00	-	36.93	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

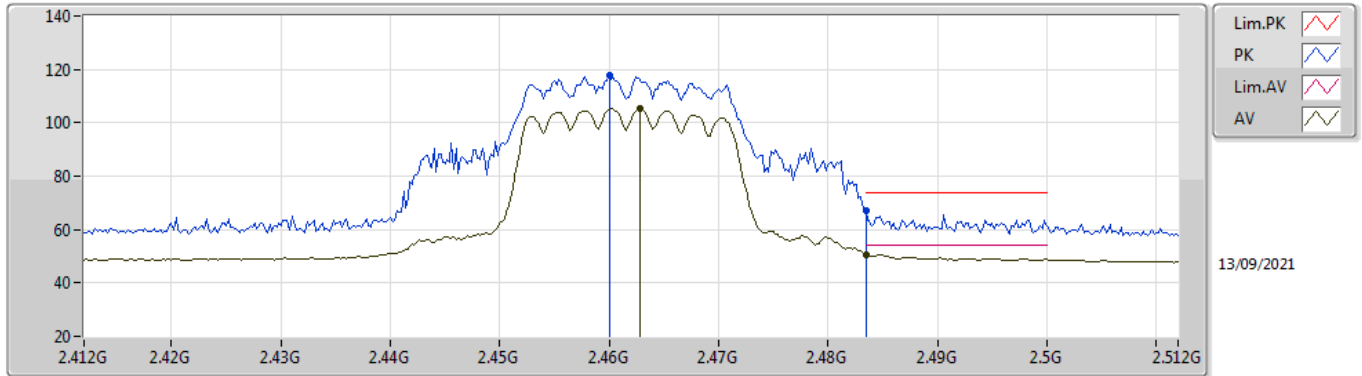
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4558G	100.82	Inf	-Inf	34.70	3	Horizontal	322	1.55	-	66.12	27.40	7.30	-
AV	2.4852G	48.64	54.00	-5.36	34.73	3	Horizontal	322	1.55	-	13.91	27.40	7.33	-
PK	2.4532G	112.70	Inf	-Inf	34.70	3	Horizontal	322	1.55	-	78.00	27.40	7.30	-
PK	2.488G	65.94	74.00	-8.06	34.73	3	Horizontal	322	1.55	-	31.21	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

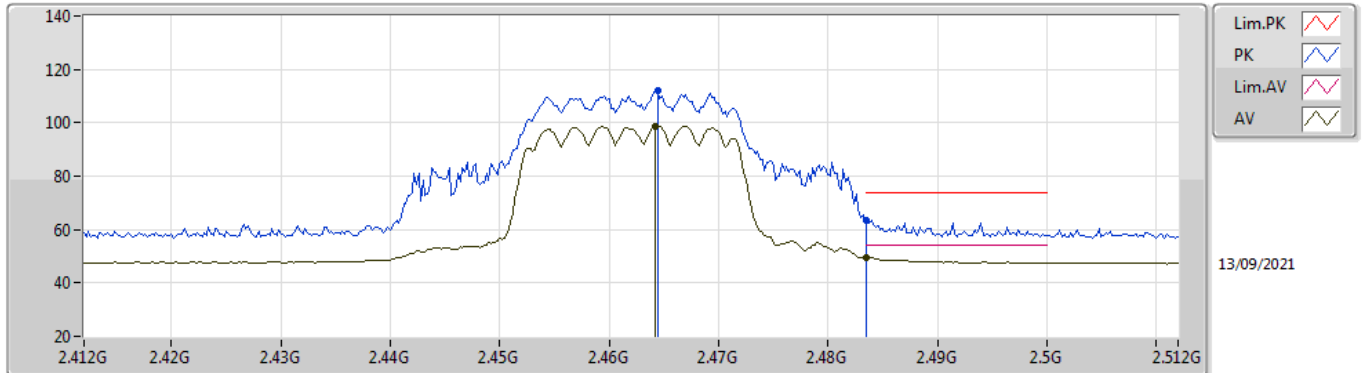
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4628G	105.25	Inf	-Inf	34.71	3	Vertical	51	1.00	-	70.54	27.40	7.31	-
AV	2.4835G	50.72	54.00	-3.28	34.73	3	Vertical	51	1.00	-	15.99	27.40	7.33	-
PK	2.46G	117.58	Inf	-Inf	34.71	3	Vertical	51	1.00	-	82.87	27.40	7.31	-
PK	2.4835G	66.88	74.00	-7.12	34.73	3	Vertical	51	1.00	-	32.15	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

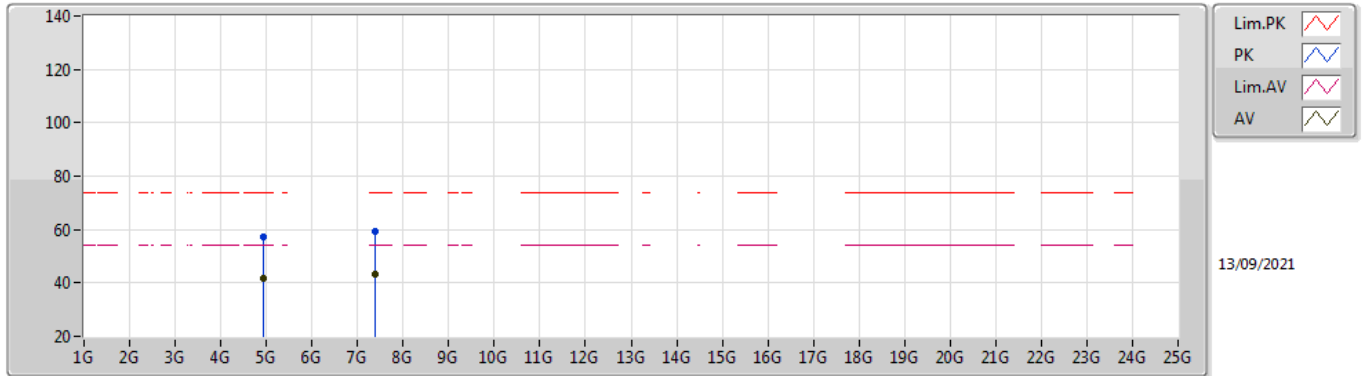
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4642G	98.85	Inf	-Inf	34.71	3	Horizontal	324	1.50	-	64.14	27.40	7.31	-
AV	2.4835G	49.50	54.00	-4.50	34.73	3	Horizontal	324	1.50	-	14.77	27.40	7.33	-
PK	2.4644G	112.01	Inf	-Inf	34.71	3	Horizontal	324	1.50	-	77.30	27.40	7.31	-
PK	2.4835G	63.64	74.00	-10.36	34.73	3	Horizontal	324	1.50	-	28.91	27.40	7.33	-

802.11ax HEW20_Nss1,(MCS0)_2TX

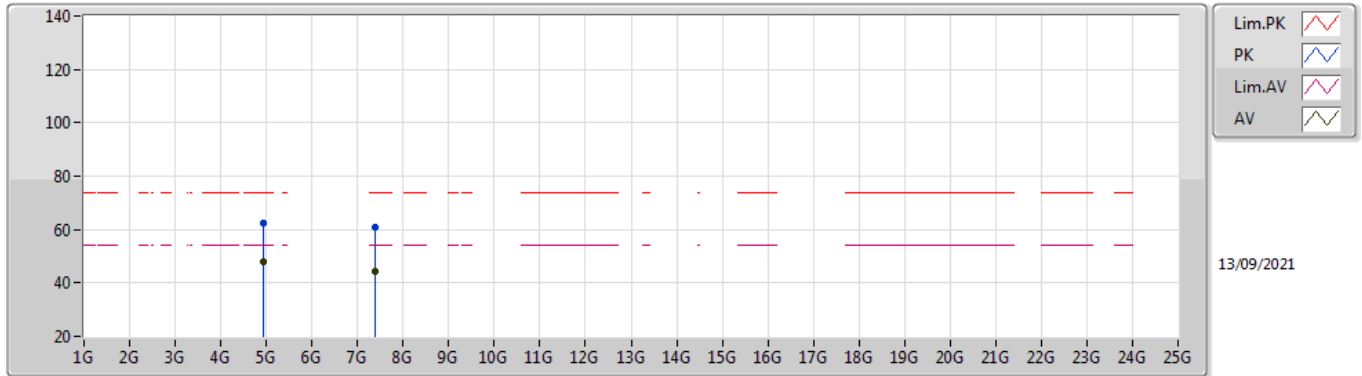
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9267G	41.96	54.00	-12.04	6.07	3	Vertical	134	1.85	-	35.89	31.31	9.00	34.24
AV	7.38018G	43.22	54.00	-10.78	12.35	3	Vertical	131	3.00	-	30.87	36.24	10.69	34.58
PK	4.9291G	57.15	74.00	-16.85	6.08	3	Vertical	134	1.85	-	51.07	31.32	9.00	34.24
PK	7.37778G	59.25	74.00	-14.75	12.35	3	Vertical	131	3.00	-	46.90	36.24	10.69	34.58

802.11ax HEW20_Nss1,(MCS0)_2TX

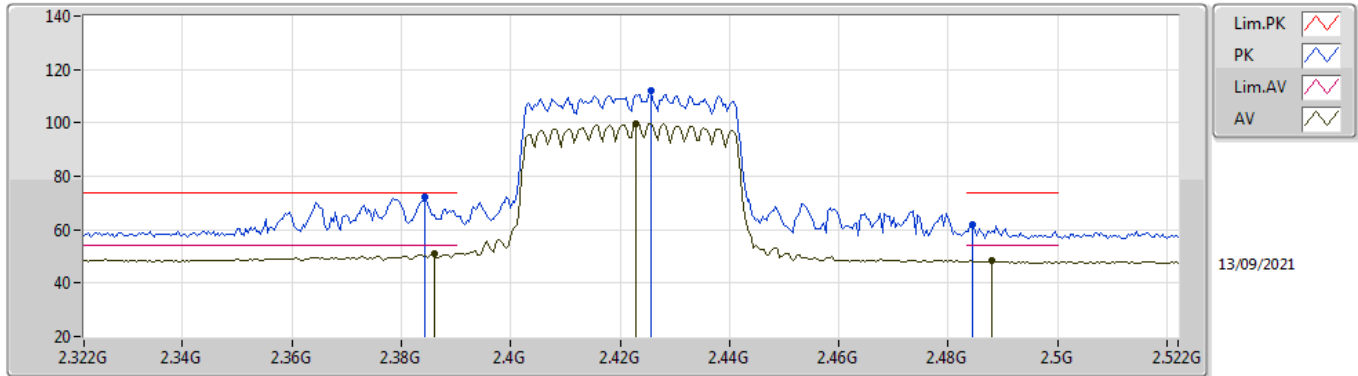
2462MHz_TX



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	4.92568G	47.77	54.00	-6.23	6.04	3	Horizontal	265	1.76	-	41.73	31.30	8.99	34.25
AV	7.38276G	44.29	54.00	-9.71	12.34	3	Horizontal	64	2.08	-	31.95	36.23	10.69	34.58
PK	4.92316G	62.30	74.00	-11.70	6.03	3	Horizontal	265	1.76	-	56.27	31.29	8.99	34.25
PK	7.38522G	60.67	74.00	-13.33	12.35	3	Horizontal	64	2.08	-	48.32	36.23	10.70	34.58

802.11ax HEW40_Nss1,(MCS0)_2TX

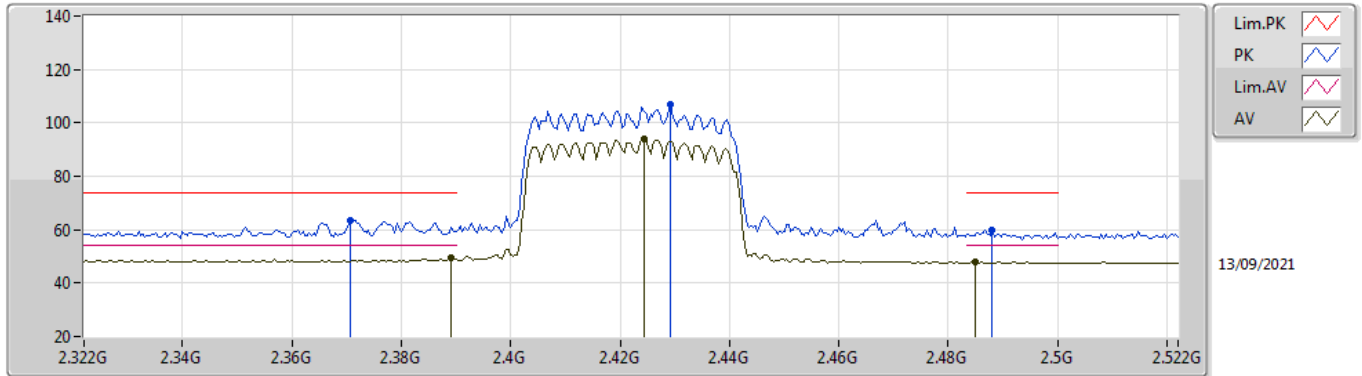
2422MHz_TX



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	2.386G	51.13	54.00	-2.87	34.98	3	Vertical	49	1.57	-	16.15	27.73	7.25	-
AV	2.4228G	99.72	Inf	-Inf	34.84	3	Vertical	49	1.57	-	64.88	27.56	7.28	-
AV	2.488G	48.26	54.00	-5.74	34.73	3	Vertical	49	1.57	-	13.53	27.40	7.33	-
PK	2.3844G	72.10	74.00	-1.90	34.98	3	Vertical	49	1.57	-	37.12	27.73	7.25	-
PK	2.4256G	111.86	Inf	-Inf	34.83	3	Vertical	49	1.57	-	77.03	27.55	7.28	-
PK	2.4844G	61.83	74.00	-12.17	34.73	3	Vertical	49	1.57	-	27.10	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

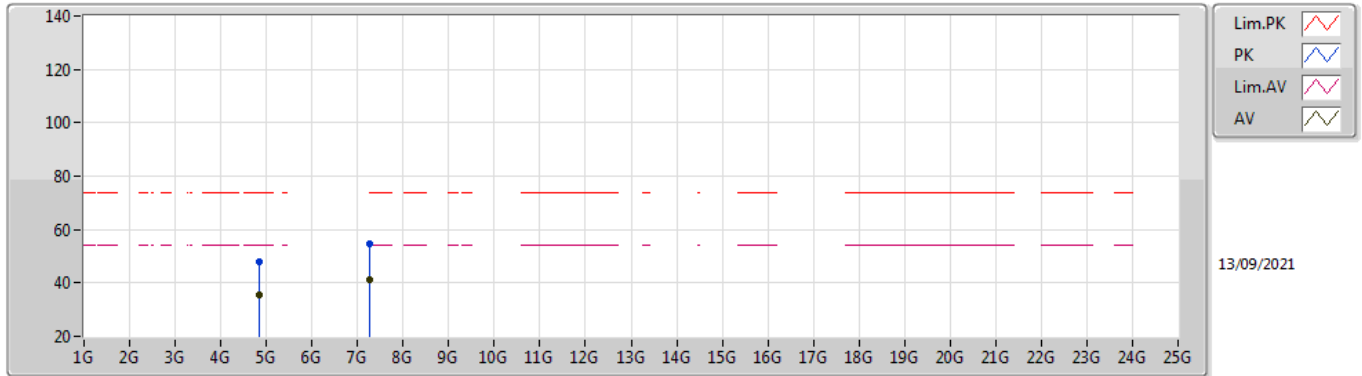
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	49.26	54.00	-4.74	34.98	3	Horizontal	321	1.48	-	14.28	27.72	7.26	-
AV	2.4244G	93.77	Inf	-Inf	34.83	3	Horizontal	321	1.48	-	58.94	27.55	7.28	-
AV	2.4848G	48.14	54.00	-5.86	34.73	3	Horizontal	321	1.48	-	13.41	27.40	7.33	-
PK	2.3708G	63.69	74.00	-10.31	35.01	3	Horizontal	321	1.48	-	28.68	27.76	7.25	-
PK	2.4292G	106.73	Inf	-Inf	34.80	3	Horizontal	321	1.48	-	71.93	27.52	7.28	-
PK	2.488G	59.71	74.00	-14.29	34.73	3	Horizontal	321	1.48	-	24.98	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

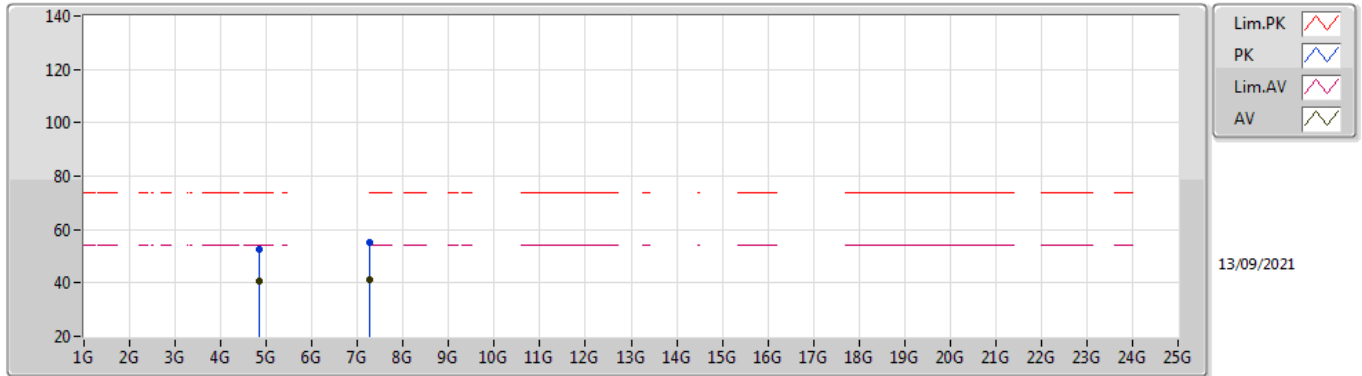
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.84464G	35.45	54.00	-18.55	5.85	3	Vertical	173	1.09	-	29.60	31.19	8.93	34.27
AV	7.26936G	40.98	54.00	-13.02	12.35	3	Vertical	131	1.01	-	28.63	36.34	10.58	34.57
PK	4.84224G	48.18	74.00	-25.82	5.84	3	Vertical	173	1.09	-	42.34	31.18	8.93	34.27
PK	7.26912G	54.73	74.00	-19.27	12.35	3	Vertical	131	1.01	-	42.38	36.34	10.58	34.57

802.11ax HEW40_Nss1,(MCS0)_2TX

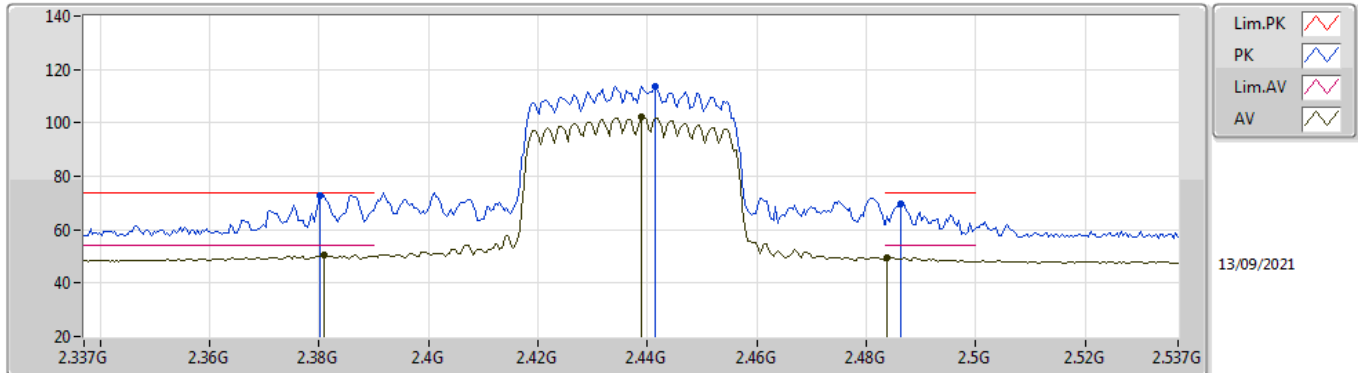
2422MHz_TX



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	4.84552G	40.90	54.00	-13.10	5.85	3	Horizontal	272	1.68	-	35.05	31.19	8.93	34.27
AV	7.26392G	41.19	54.00	-12.81	12.33	3	Horizontal	67	2.30	-	28.86	36.33	10.57	34.57
PK	4.85136G	52.58	74.00	-21.42	5.87	3	Horizontal	272	1.68	-	46.71	31.20	8.94	34.27
PK	7.2728G	55.22	74.00	-18.78	12.36	3	Horizontal	67	2.30	-	42.86	36.35	10.58	34.57

802.11ax HEW40_Nss1,(MCS0)_2TX

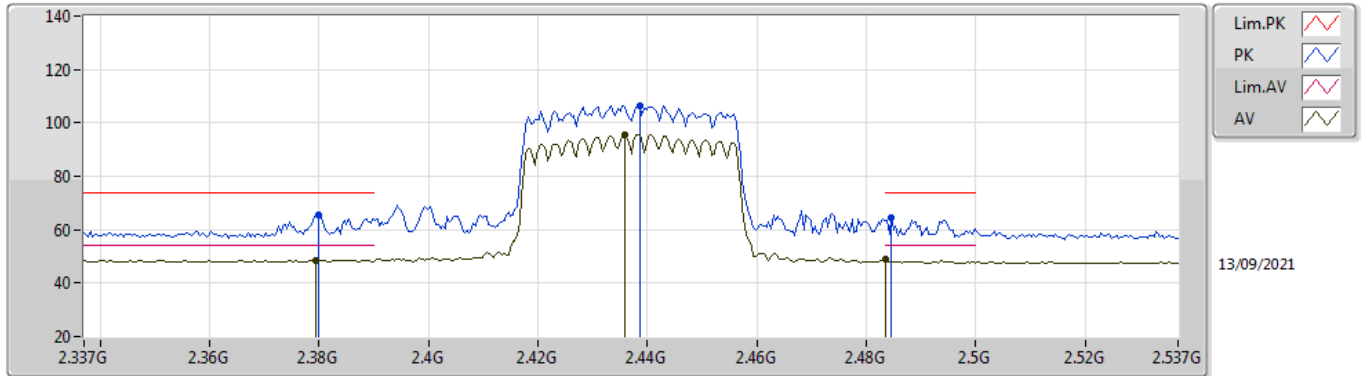
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.381G	50.40	54.00	-3.60	34.99	3	Vertical	50	1.50	-	15.41	27.74	7.25	-
AV	2.439G	102.30	Inf	-Inf	34.76	3	Vertical	50	1.50	-	67.54	27.47	7.29	-
AV	2.4838G	49.65	54.00	-4.35	34.73	3	Vertical	50	1.50	-	14.92	27.40	7.33	-
PK	2.3802G	72.83	74.00	-1.17	34.99	3	Vertical	50	1.50	-	37.84	27.74	7.25	-
PK	2.4414G	113.69	Inf	-Inf	34.74	3	Vertical	50	1.50	-	78.95	27.45	7.29	-
PK	2.4862G	69.68	74.00	-4.32	34.73	3	Vertical	50	1.50	-	34.95	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

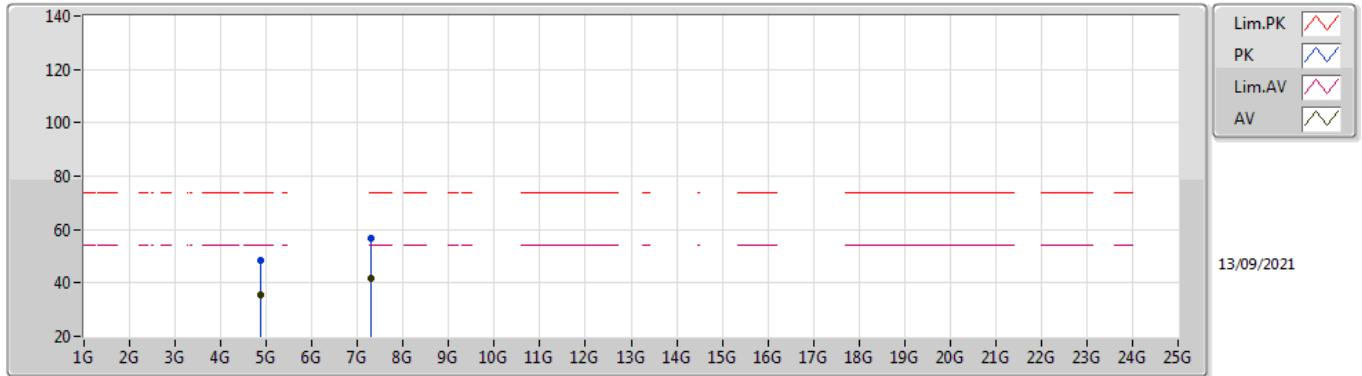
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3794G	48.57	54.00	-5.43	34.99	3	Horizontal	323	1.54	-	13.58	27.74	7.25	-
AV	2.4358G	95.63	Inf	-Inf	34.78	3	Horizontal	323	1.54	-	60.85	27.49	7.29	-
AV	2.4835G	48.73	54.00	-5.27	34.73	3	Horizontal	323	1.54	-	14.00	27.40	7.33	-
PK	2.3798G	65.77	74.00	-8.23	34.99	3	Horizontal	323	1.54	-	30.78	27.74	7.25	-
PK	2.4386G	106.58	Inf	-Inf	34.76	3	Horizontal	323	1.54	-	71.82	27.47	7.29	-
PK	2.4846G	64.24	74.00	-9.76	34.73	3	Horizontal	323	1.54	-	29.51	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

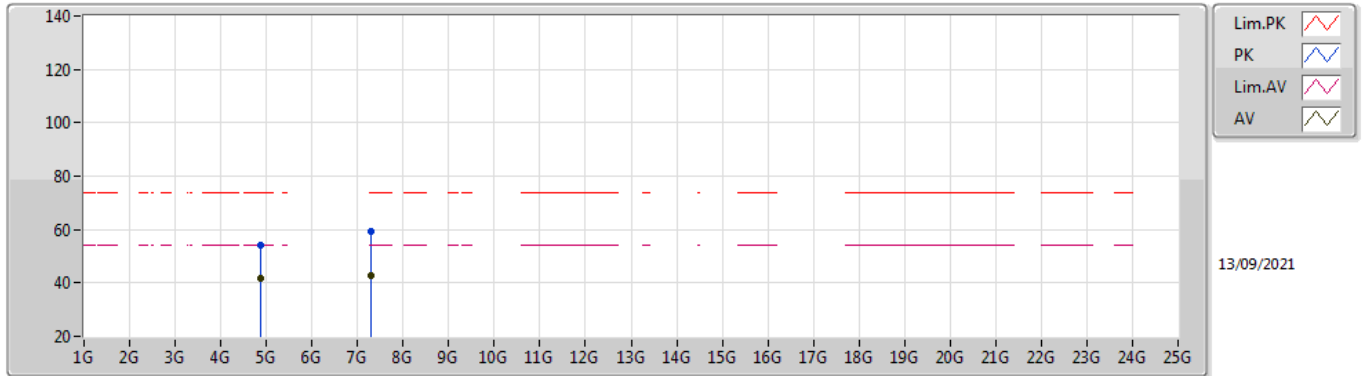
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87512G	35.50	54.00	-18.50	5.90	3	Vertical	180	1.27	-	29.60	31.20	8.96	34.26
AV	7.3102G	41.55	54.00	-12.45	12.43	3	Vertical	128	1.02	-	29.12	36.38	10.62	34.57
PK	4.87512G	48.27	74.00	-25.73	5.90	3	Vertical	180	1.27	-	42.37	31.20	8.96	34.26
PK	7.30964G	56.80	74.00	-17.20	12.43	3	Vertical	128	1.02	-	44.37	36.38	10.62	34.57

802.11ax HEW40_Nss1,(MCS0)_2TX

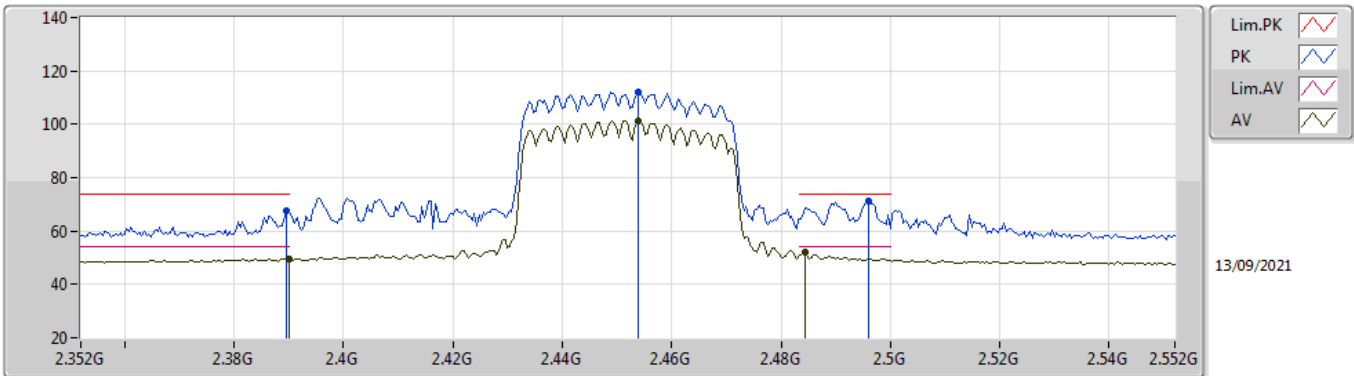
2437MHz_TX



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	4.87352G	41.89	54.00	-12.11	5.90	3	Horizontal	219	1.50	-	35.99	31.20	8.96	34.26
AV	7.3102G	42.62	54.00	-11.38	12.43	3	Horizontal	138	2.84	-	30.19	36.38	10.62	34.57
PK	4.87912G	54.01	74.00	-19.99	5.90	3	Horizontal	219	1.50	-	48.11	31.20	8.96	34.26
PK	7.30956G	59.13	74.00	-14.87	12.43	3	Horizontal	138	2.84	-	46.70	36.38	10.62	34.57

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

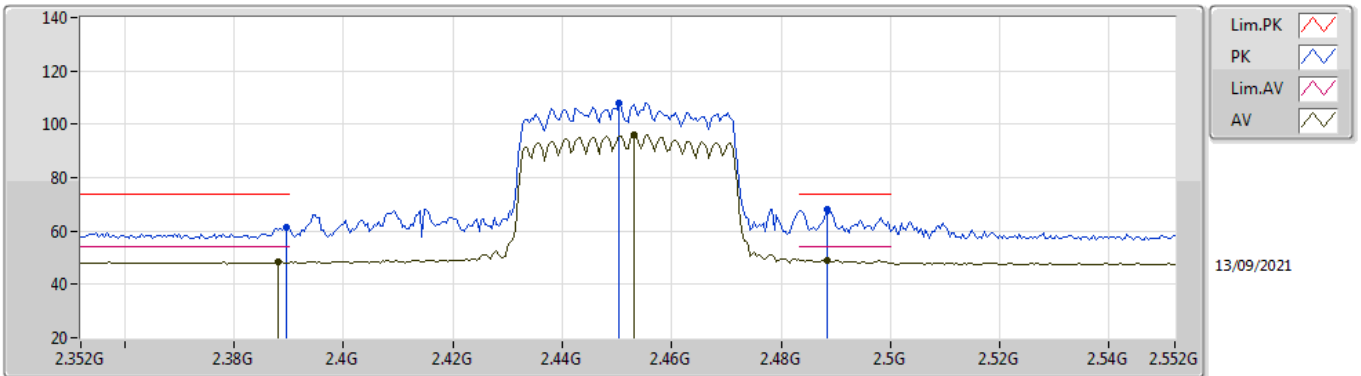


EUT V
Setting 15.5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.40	54.00	-4.60	34.98	3	Vertical	52	1.18	-	14.42	27.72	7.26	-
AV	2.454G	101.30	Inf	-Inf	34.70	3	Vertical	52	1.18	-	66.60	27.40	7.30	-
AV	2.4844G	51.89	54.00	-2.11	34.73	3	Vertical	52	1.18	-	17.16	27.40	7.33	-
PK	2.3896G	67.34	74.00	-6.66	34.98	3	Vertical	52	1.18	-	32.36	27.72	7.26	-
PK	2.454G	112.31	Inf	-Inf	34.70	3	Vertical	52	1.18	-	77.61	27.40	7.30	-
PK	2.496G	71.09	74.00	-2.91	34.74	3	Vertical	52	1.18	-	36.35	27.40	7.34	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

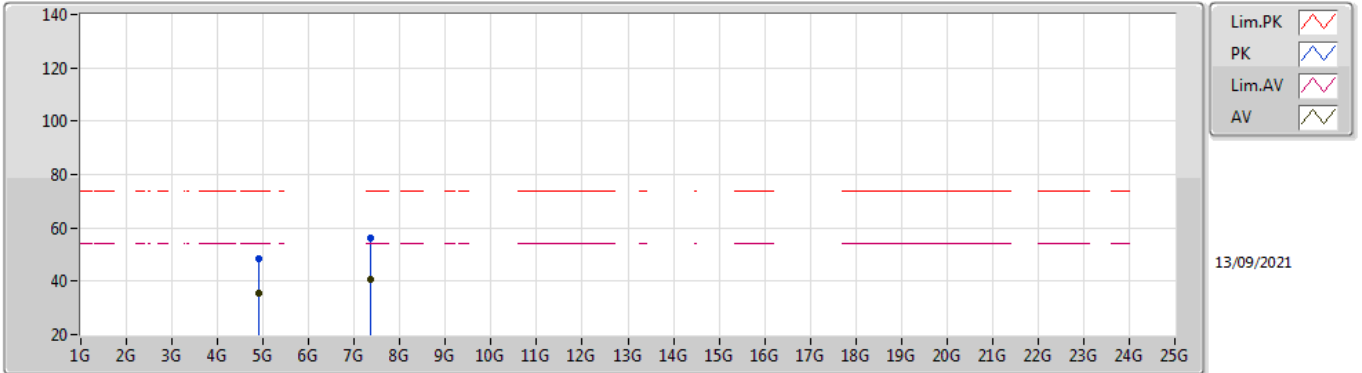


EUT V
Setting 15.5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.388G	48.41	54.00	-5.59	34.97	3	Horizontal	320	1.55	-	13.44	27.72	7.25	-
AV	2.4532G	96.28	Inf	-Inf	34.70	3	Horizontal	320	1.55	-	61.58	27.40	7.30	-
AV	2.4884G	49.22	54.00	-4.78	34.73	3	Horizontal	320	1.55	-	14.49	27.40	7.33	-
PK	2.3896G	61.50	74.00	-12.50	34.98	3	Horizontal	320	1.55	-	26.52	27.72	7.26	-
PK	2.4504G	108.02	Inf	-Inf	34.70	3	Horizontal	320	1.55	-	73.32	27.40	7.30	-
PK	2.4884G	67.90	74.00	-6.10	34.73	3	Horizontal	320	1.55	-	33.17	27.40	7.33	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

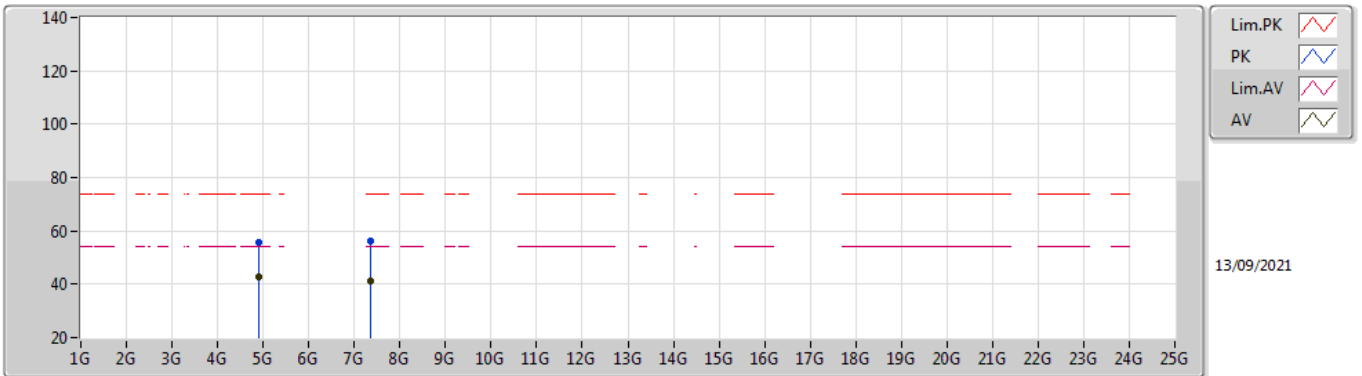


EUT Y
Setting 15.5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90584G	35.74	54.00	-18.26	5.95	3	Vertical	358	1.50	-	29.79	31.22	8.98	34.25
AV	7.36016G	40.65	54.00	-13.35	12.37	3	Vertical	138	3.00	-	28.28	36.28	10.67	34.58
PK	4.90152G	48.39	74.00	-25.61	5.94	3	Vertical	358	1.50	-	42.45	31.21	8.98	34.25
PK	7.35456G	56.39	74.00	-17.61	12.37	3	Vertical	138	3.00	-	44.02	36.29	10.66	34.58

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Y
Setting 15.5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90984G	42.66	54.00	-11.34	5.97	3	Horizontal	267	1.79	-	36.69	31.24	8.98	34.25
AV	7.35536G	41.17	54.00	-12.83	12.38	3	Horizontal	100	2.21	-	28.79	36.29	10.67	34.58
PK	4.90128G	55.88	74.00	-18.12	5.94	3	Horizontal	267	1.79	-	49.94	31.21	8.98	34.25
PK	7.35432G	55.97	74.00	-18.03	12.37	3	Horizontal	100	2.21	-	43.60	36.29	10.66	34.58



Summary

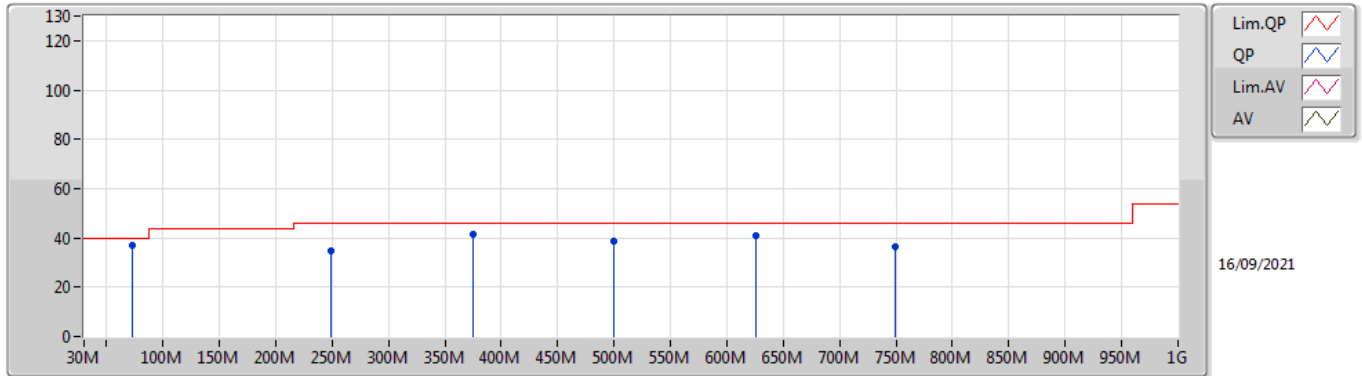
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	72.68M	36.95	40.00	-3.05	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	72.68M	36.95	40.00	-3.05	3	Vertical	360	1.00	-
2437MHz	Pass	PK	249.22M	34.60	46.00	-11.40	3	Vertical	360	1.00	-
2437MHz	Pass	PK	375.32M	41.24	46.00	-4.76	3	Vertical	360	1.00	-
2437MHz	Pass	PK	499.48M	38.44	46.00	-7.56	3	Vertical	360	1.00	-
2437MHz	Pass	PK	625.58M	41.14	46.00	-4.86	3	Vertical	360	1.00	-
2437MHz	Pass	PK	749.74M	36.36	46.00	-9.64	3	Vertical	360	1.00	-
2437MHz	Pass	PK	82.38M	35.90	40.00	-4.10	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	249.22M	36.91	46.00	-9.09	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	375.32M	39.97	46.00	-6.03	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	37.27	46.00	-8.73	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	625.58M	40.47	46.00	-5.53	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	747.8M	38.81	46.00	-7.19	3	Horizontal	0	1.00	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

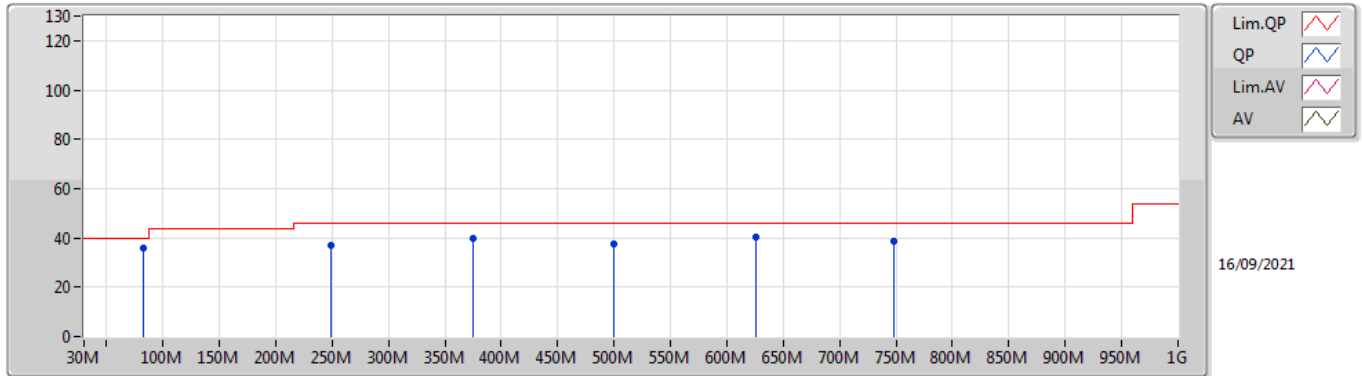
2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	72.68M	36.95	40.00	-3.05	-15.15	3	Vertical	360	1.00	-	52.10	11.46	1.25	27.86
PK	249.22M	34.60	46.00	-11.40	-7.40	3	Vertical	360	1.00	-	42.00	17.47	2.15	27.02
PK	375.32M	41.24	46.00	-4.76	-4.84	3	Vertical	360	1.00	-	46.08	20.07	2.65	27.56
PK	499.48M	38.44	46.00	-7.56	-2.52	3	Vertical	360	1.00	-	40.96	22.75	3.08	28.35
PK	625.58M	41.14	46.00	-4.86	-0.60	3	Vertical	360	1.00	-	41.74	24.30	3.41	28.31
PK	749.74M	36.36	46.00	-9.64	0.51	3	Vertical	360	1.00	-	35.85	24.88	3.70	28.07

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	82.38M	35.90	40.00	-4.10	-14.16	3	Horizontal	0	1.00	-	50.06	12.38	1.31	27.85
PK	249.22M	36.91	46.00	-9.09	-7.40	3	Horizontal	0	1.00	-	44.31	17.47	2.15	27.02
PK	375.32M	39.97	46.00	-6.03	-4.84	3	Horizontal	0	1.00	-	44.81	20.07	2.65	27.56
PK	499.48M	37.27	46.00	-8.73	-2.52	3	Horizontal	0	1.00	-	39.79	22.75	3.08	28.35
PK	625.58M	40.47	46.00	-5.53	-0.60	3	Horizontal	0	1.00	-	41.07	24.30	3.41	28.31
PK	747.8M	38.81	46.00	-7.19	0.49	3	Horizontal	0	1.00	-	38.32	24.87	3.70	28.08



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	7.31124G	52.62	54.00	-1.38	3	Horizontal	133	2.34	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	PK	2.4835G	72.87	74.00	-1.13	3	Vertical	153	2.27	-

Result

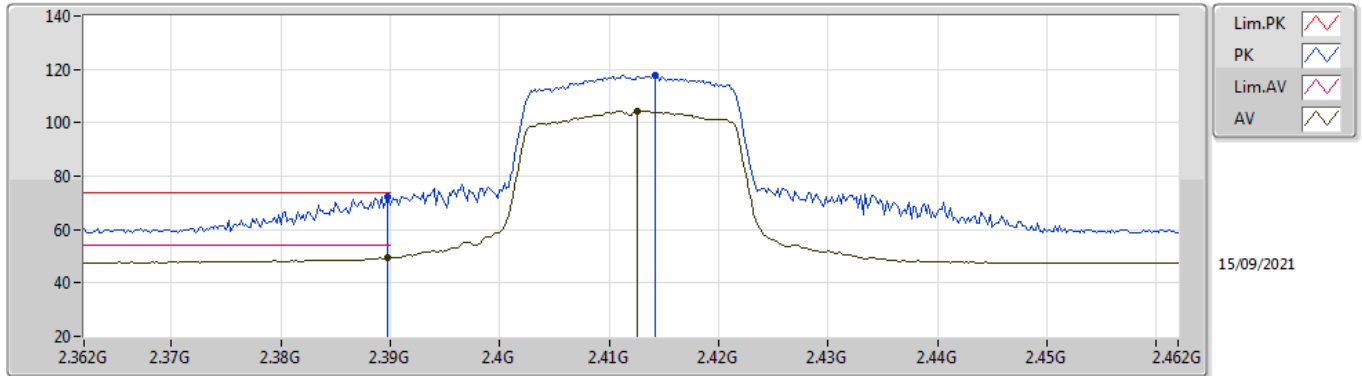
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.40	54.00	-4.60	3	Vertical	271	2.22	-
2412MHz	Pass	AV	2.4126G	104.23	Inf	-Inf	3	Vertical	271	2.22	-
2412MHz	Pass	PK	2.3898G	72.34	74.00	-1.66	3	Vertical	271	2.22	-
2412MHz	Pass	PK	2.4142G	117.77	Inf	-Inf	3	Vertical	271	2.22	-
2412MHz	Pass	AV	2.3884G	47.76	54.00	-6.24	3	Horizontal	321	2.18	-
2412MHz	Pass	AV	2.4072G	99.02	Inf	-Inf	3	Horizontal	321	2.18	-
2412MHz	Pass	PK	2.39G	69.25	74.00	-4.75	3	Horizontal	321	2.18	-
2412MHz	Pass	PK	2.4084G	113.04	Inf	-Inf	3	Horizontal	321	2.18	-
2412MHz	Pass	AV	4.81896G	35.42	54.00	-18.58	3	Vertical	186	1.39	-
2412MHz	Pass	PK	4.82334G	50.26	74.00	-23.74	3	Vertical	186	1.39	-
2412MHz	Pass	AV	4.8246G	41.19	54.00	-12.81	3	Horizontal	273	1.73	-
2412MHz	Pass	PK	4.82814G	55.72	74.00	-18.28	3	Horizontal	273	1.73	-
2417MHz	Pass	AV	2.3898G	52.19	54.00	-1.81	3	Vertical	47	1.21	-
2417MHz	Pass	AV	2.4158G	105.47	Inf	-Inf	3	Vertical	47	1.21	-
2417MHz	Pass	PK	2.389G	70.90	74.00	-3.10	3	Vertical	47	1.21	-
2417MHz	Pass	PK	2.4208G	116.27	Inf	-Inf	3	Vertical	47	1.21	-
2417MHz	Pass	AV	2.39G	48.50	54.00	-5.50	3	Horizontal	213	1.24	-
2417MHz	Pass	AV	2.4082G	96.73	Inf	-Inf	3	Horizontal	213	1.24	-
2417MHz	Pass	PK	2.3896G	64.88	74.00	-9.12	3	Horizontal	213	1.24	-
2417MHz	Pass	PK	2.4162G	109.90	Inf	-Inf	3	Horizontal	213	1.24	-
2437MHz	Pass	AV	2.3882G	48.13	54.00	-5.87	3	Vertical	185	1.50	-
2437MHz	Pass	AV	2.4362G	100.79	Inf	-Inf	3	Vertical	185	1.50	-
2437MHz	Pass	AV	2.4838G	47.83	54.00	-6.17	3	Vertical	185	1.50	-
2437MHz	Pass	PK	2.3898G	60.34	74.00	-13.66	3	Vertical	185	1.50	-
2437MHz	Pass	PK	2.4426G	109.62	Inf	-Inf	3	Vertical	185	1.50	-
2437MHz	Pass	PK	2.487G	59.86	74.00	-14.14	3	Vertical	185	1.50	-
2437MHz	Pass	AV	2.3474G	47.37	54.00	-6.63	3	Horizontal	316	1.48	-
2437MHz	Pass	AV	2.4358G	96.51	Inf	-Inf	3	Horizontal	316	1.48	-
2437MHz	Pass	AV	2.4838G	47.12	54.00	-6.88	3	Horizontal	316	1.48	-
2437MHz	Pass	PK	2.3786G	59.59	74.00	-14.41	3	Horizontal	316	1.48	-
2437MHz	Pass	PK	2.4346G	108.85	Inf	-Inf	3	Horizontal	316	1.48	-
2437MHz	Pass	PK	2.493G	58.71	74.00	-15.29	3	Horizontal	316	1.48	-
2437MHz	Pass	AV	4.8737G	39.38	54.00	-14.62	3	Vertical	174	1.50	-
2437MHz	Pass	AV	7.31796G	43.03	54.00	-10.97	3	Vertical	143	1.50	-
2437MHz	Pass	PK	4.87382G	53.74	74.00	-20.26	3	Vertical	174	1.50	-
2437MHz	Pass	PK	7.31334G	58.50	74.00	-15.50	3	Vertical	143	1.50	-
2437MHz	Pass	AV	4.87328G	46.28	54.00	-7.72	3	Horizontal	269	1.50	-
2437MHz	Pass	AV	7.31124G	52.62	54.00	-1.38	3	Horizontal	133	2.34	-
2437MHz	Pass	PK	4.8782G	60.01	74.00	-13.99	3	Horizontal	269	1.50	-
2437MHz	Pass	PK	7.30902G	68.53	74.00	-5.47	3	Horizontal	133	2.34	-
2457MHz	Pass	AV	2.4608G	105.56	Inf	-Inf	3	Vertical	163	1.50	-
2457MHz	Pass	AV	2.4835G	52.59	54.00	-1.41	3	Vertical	163	1.50	-
2457MHz	Pass	PK	2.4594G	117.21	Inf	-Inf	3	Vertical	163	1.50	-
2457MHz	Pass	PK	2.488G	68.18	74.00	-5.82	3	Vertical	163	1.50	-
2457MHz	Pass	AV	2.4582G	101.75	Inf	-Inf	3	Horizontal	315	1.57	-
2457MHz	Pass	AV	2.4838G	52.05	54.00	-1.95	3	Horizontal	315	1.57	-
2457MHz	Pass	PK	2.4598G	113.23	Inf	-Inf	3	Horizontal	315	1.57	-
2457MHz	Pass	PK	2.4884G	67.40	74.00	-6.60	3	Horizontal	315	1.57	-
2462MHz	Pass	AV	2.4632G	102.04	Inf	-Inf	3	Vertical	161	1.50	-
2462MHz	Pass	AV	2.4835G	50.35	54.00	-3.65	3	Vertical	161	1.50	-
2462MHz	Pass	PK	2.4632G	116.09	Inf	-Inf	3	Vertical	161	1.50	-
2462MHz	Pass	PK	2.4848G	72.29	74.00	-1.71	3	Vertical	161	1.50	-
2462MHz	Pass	AV	2.4634G	99.11	Inf	-Inf	3	Horizontal	316	2.26	-
2462MHz	Pass	AV	2.4835G	48.93	54.00	-5.07	3	Horizontal	316	2.26	-
2462MHz	Pass	PK	2.4642G	111.73	Inf	-Inf	3	Horizontal	316	2.26	-
2462MHz	Pass	PK	2.4835G	64.52	74.00	-9.48	3	Horizontal	316	2.26	-
2462MHz	Pass	AV	4.92406G	40.41	54.00	-13.59	3	Vertical	8	1.34	-
2462MHz	Pass	AV	7.3776G	38.07	54.00	-15.93	3	Vertical	138	2.98	-
2462MHz	Pass	PK	4.92178G	54.01	74.00	-19.99	3	Vertical	8	1.34	-
2462MHz	Pass	PK	7.38504G	55.30	74.00	-18.70	3	Vertical	138	2.98	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	AV	4.92736G	47.39	54.00	-6.61	3	Horizontal	267	1.92	-
2462MHz	Pass	AV	7.3809G	39.83	54.00	-14.17	3	Horizontal	135	2.25	-
2462MHz	Pass	PK	4.93264G	62.02	74.00	-11.98	3	Horizontal	267	1.92	-
2462MHz	Pass	PK	7.38504G	57.59	74.00	-16.41	3	Horizontal	135	2.25	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3896G	50.29	54.00	-3.71	3	Vertical	274	1.95	-
2422MHz	Pass	AV	2.4188G	101.57	Inf	-Inf	3	Vertical	274	1.95	-
2422MHz	Pass	AV	2.4844G	47.85	54.00	-6.15	3	Vertical	274	1.95	-
2422MHz	Pass	PK	2.3784G	71.63	74.00	-2.37	3	Vertical	274	1.95	-
2422MHz	Pass	PK	2.4188G	114.58	Inf	-Inf	3	Vertical	274	1.95	-
2422MHz	Pass	PK	2.4835G	60.95	74.00	-13.05	3	Vertical	274	1.95	-
2422MHz	Pass	AV	2.3864G	49.79	54.00	-4.21	3	Horizontal	318	1.50	-
2422MHz	Pass	AV	2.424G	94.59	Inf	-Inf	3	Horizontal	318	1.50	-
2422MHz	Pass	AV	2.4876G	47.61	54.00	-6.39	3	Horizontal	318	1.50	-
2422MHz	Pass	PK	2.3896G	62.14	74.00	-11.86	3	Horizontal	318	1.50	-
2422MHz	Pass	PK	2.4212G	105.60	Inf	-Inf	3	Horizontal	318	1.50	-
2422MHz	Pass	PK	2.4844G	60.01	74.00	-13.99	3	Horizontal	318	1.50	-
2422MHz	Pass	AV	4.8191G	31.83	54.00	-22.17	3	Vertical	69	1.50	-
2422MHz	Pass	AV	7.26012G	39.30	54.00	-14.70	3	Vertical	136	1.01	-
2422MHz	Pass	PK	4.8403G	45.92	74.00	-28.08	3	Vertical	69	1.50	-
2422MHz	Pass	PK	7.26306G	53.91	74.00	-20.09	3	Vertical	136	1.01	-
2422MHz	Pass	AV	4.8387G	39.50	54.00	-14.50	3	Horizontal	222	1.01	-
2422MHz	Pass	AV	7.25106G	40.43	54.00	-13.57	3	Horizontal	130	2.29	-
2422MHz	Pass	PK	4.8454G	52.46	74.00	-21.54	3	Horizontal	222	1.01	-
2422MHz	Pass	PK	7.28016G	55.91	74.00	-18.09	3	Horizontal	130	2.29	-
2427MHz	Pass	AV	2.389G	51.16	54.00	-2.84	3	Vertical	54	1.50	-
2427MHz	Pass	AV	2.4294G	100.32	Inf	-Inf	3	Vertical	54	1.50	-
2427MHz	Pass	AV	2.4854G	48.63	54.00	-5.37	3	Vertical	54	1.50	-
2427MHz	Pass	PK	2.3886G	71.84	74.00	-2.16	3	Vertical	54	1.50	-
2427MHz	Pass	PK	2.4294G	113.33	Inf	-Inf	3	Vertical	54	1.50	-
2427MHz	Pass	PK	2.4835G	65.17	74.00	-8.83	3	Vertical	54	1.50	-
2427MHz	Pass	AV	2.3886G	48.87	54.00	-5.13	3	Horizontal	316	1.49	-
2427MHz	Pass	AV	2.429G	96.75	Inf	-Inf	3	Horizontal	316	1.49	-
2427MHz	Pass	AV	2.4878G	47.40	54.00	-6.60	3	Horizontal	316	1.49	-
2427MHz	Pass	PK	2.3886G	63.74	74.00	-10.26	3	Horizontal	316	1.49	-
2427MHz	Pass	PK	2.4278G	108.16	Inf	-Inf	3	Horizontal	316	1.49	-
2427MHz	Pass	PK	2.4894G	58.42	74.00	-15.58	3	Horizontal	316	1.49	-
2437MHz	Pass	AV	2.383G	52.12	54.00	-1.88	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.4298G	100.20	Inf	-Inf	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.4835G	51.48	54.00	-2.52	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.3806G	72.51	74.00	-1.49	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.4286G	110.77	Inf	-Inf	3	Vertical	49	1.50	-
2437MHz	Pass	PK	2.4918G	69.45	74.00	-4.55	3	Vertical	49	1.50	-
2437MHz	Pass	AV	2.3898G	49.88	54.00	-4.12	3	Horizontal	303	2.32	-
2437MHz	Pass	AV	2.4402G	95.25	Inf	-Inf	3	Horizontal	303	2.32	-
2437MHz	Pass	AV	2.4838G	49.44	54.00	-4.56	3	Horizontal	303	2.32	-
2437MHz	Pass	PK	2.3878G	64.75	74.00	-9.25	3	Horizontal	303	2.32	-
2437MHz	Pass	PK	2.439G	106.64	Inf	-Inf	3	Horizontal	303	2.32	-
2437MHz	Pass	PK	2.485G	67.55	74.00	-6.45	3	Horizontal	303	2.32	-
2437MHz	Pass	AV	4.8746G	34.79	54.00	-19.21	3	Vertical	174	1.32	-
2437MHz	Pass	AV	7.3093G	42.83	54.00	-11.17	3	Vertical	133	1.00	-
2437MHz	Pass	PK	4.8705G	48.99	74.00	-25.01	3	Vertical	174	1.32	-
2437MHz	Pass	PK	7.3189G	58.37	74.00	-15.63	3	Vertical	133	1.00	-
2437MHz	Pass	AV	4.8681G	44.14	54.00	-9.86	3	Horizontal	266	1.84	-
2437MHz	Pass	AV	7.2981G	42.89	54.00	-11.11	3	Horizontal	130	2.19	-
2437MHz	Pass	PK	4.8651G	56.72	74.00	-17.28	3	Horizontal	266	1.84	-
2437MHz	Pass	PK	7.3045G	59.10	74.00	-14.90	3	Horizontal	130	2.19	-
2447MHz	Pass	AV	2.389G	48.60	54.00	-5.40	3	Vertical	153	2.27	-
2447MHz	Pass	AV	2.4614G	99.65	Inf	-Inf	3	Vertical	153	2.27	-
2447MHz	Pass	AV	2.4835G	51.10	54.00	-2.90	3	Vertical	153	2.27	-
2447MHz	Pass	PK	2.3886G	66.26	74.00	-7.74	3	Vertical	153	2.27	-
2447MHz	Pass	PK	2.4638G	111.65	Inf	-Inf	3	Vertical	153	2.27	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2447MHz	Pass	PK	2.4835G	72.87	74.00	-1.13	3	Vertical	153	2.27	-
2447MHz	Pass	AV	2.3794G	48.43	54.00	-5.57	3	Horizontal	315	1.71	-
2447MHz	Pass	AV	2.4482G	95.98	Inf	-Inf	3	Horizontal	315	1.71	-
2447MHz	Pass	AV	2.4835G	50.50	54.00	-3.50	3	Horizontal	315	1.71	-
2447MHz	Pass	PK	2.3874G	62.40	74.00	-11.60	3	Horizontal	315	1.71	-
2447MHz	Pass	PK	2.4494G	107.32	Inf	-Inf	3	Horizontal	315	1.71	-
2447MHz	Pass	PK	2.4918G	69.25	74.00	-4.75	3	Horizontal	315	1.71	-
2452MHz	Pass	AV	2.39G	48.07	54.00	-5.93	3	Vertical	153	1.26	-
2452MHz	Pass	AV	2.4624G	98.42	Inf	-Inf	3	Vertical	153	1.26	-
2452MHz	Pass	AV	2.4835G	52.04	54.00	-1.96	3	Vertical	153	1.26	-
2452MHz	Pass	PK	2.366G	59.15	74.00	-14.85	3	Vertical	153	1.26	-
2452MHz	Pass	PK	2.464G	109.76	Inf	-Inf	3	Vertical	153	1.26	-
2452MHz	Pass	PK	2.49G	67.63	74.00	-6.37	3	Vertical	153	1.26	-
2452MHz	Pass	AV	2.382G	47.61	54.00	-6.39	3	Horizontal	302	1.13	-
2452MHz	Pass	AV	2.4404G	93.35	Inf	-Inf	3	Horizontal	302	1.13	-
2452MHz	Pass	AV	2.4835G	49.03	54.00	-4.97	3	Horizontal	302	1.13	-
2452MHz	Pass	PK	2.3648G	58.54	74.00	-15.46	3	Horizontal	302	1.13	-
2452MHz	Pass	PK	2.466G	105.68	Inf	-Inf	3	Horizontal	302	1.13	-
2452MHz	Pass	PK	2.49G	64.21	74.00	-9.79	3	Horizontal	302	1.13	-
2452MHz	Pass	AV	4.91296G	35.30	54.00	-18.70	3	Vertical	358	1.40	-
2452MHz	Pass	AV	7.35888G	38.67	54.00	-15.33	3	Vertical	140	1.50	-
2452MHz	Pass	PK	4.91032G	48.30	74.00	-25.70	3	Vertical	358	1.40	-
2452MHz	Pass	PK	7.36712G	51.61	74.00	-22.39	3	Vertical	140	1.50	-
2452MHz	Pass	AV	4.90504G	43.05	54.00	-10.95	3	Horizontal	267	1.83	-
2452MHz	Pass	AV	7.35544G	41.44	54.00	-12.56	3	Horizontal	135	2.93	-
2452MHz	Pass	PK	4.90432G	54.87	74.00	-19.13	3	Horizontal	267	1.83	-
2452MHz	Pass	PK	7.35896G	54.57	74.00	-19.43	3	Horizontal	135	2.93	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

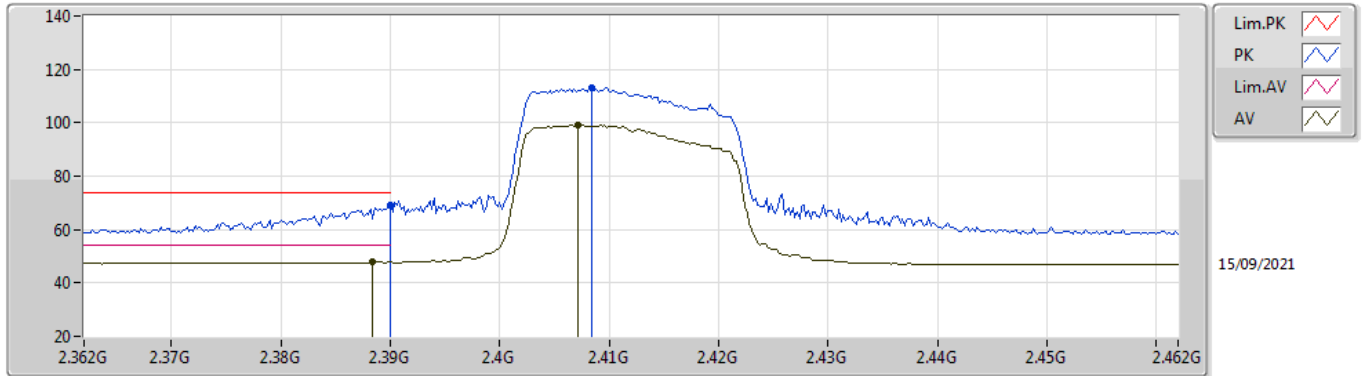
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.40	54.00	-4.60	34.98	3	Vertical	271	2.22	-	14.42	27.72	7.26	-
AV	2.4126G	104.23	Inf	-Inf	34.89	3	Vertical	271	2.22	-	69.34	27.62	7.27	-
PK	2.3898G	72.34	74.00	-1.66	34.98	3	Vertical	271	2.22	-	37.36	27.72	7.26	-
PK	2.4142G	117.77	Inf	-Inf	34.88	3	Vertical	271	2.22	-	82.89	27.61	7.27	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

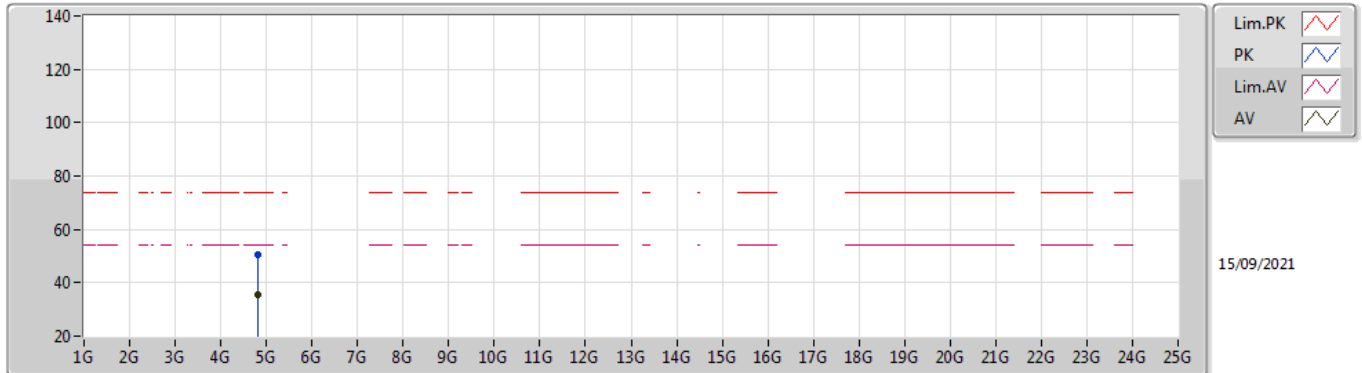
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	47.76	54.00	-6.24	34.97	3	Horizontal	321	2.18	-	12.79	27.72	7.25	-
AV	2.4072G	99.02	Inf	-Inf	34.93	3	Horizontal	321	2.18	-	64.09	27.66	7.27	-
PK	2.39G	69.25	74.00	-4.75	34.98	3	Horizontal	321	2.18	-	34.27	27.72	7.26	-
PK	2.4084G	113.04	Inf	-Inf	34.92	3	Horizontal	321	2.18	-	78.12	27.65	7.27	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

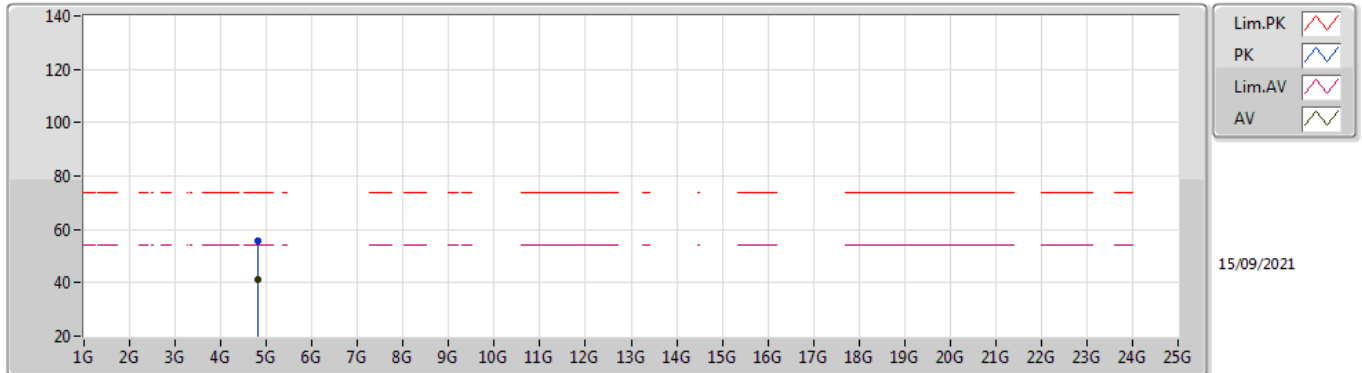
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.81896G	35.42	54.00	-18.58	5.77	3	Vertical	186	1.39	-	29.65	31.14	8.91	34.28
PK	4.82334G	50.26	74.00	-23.74	5.79	3	Vertical	186	1.39	-	44.47	31.15	8.92	34.28

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

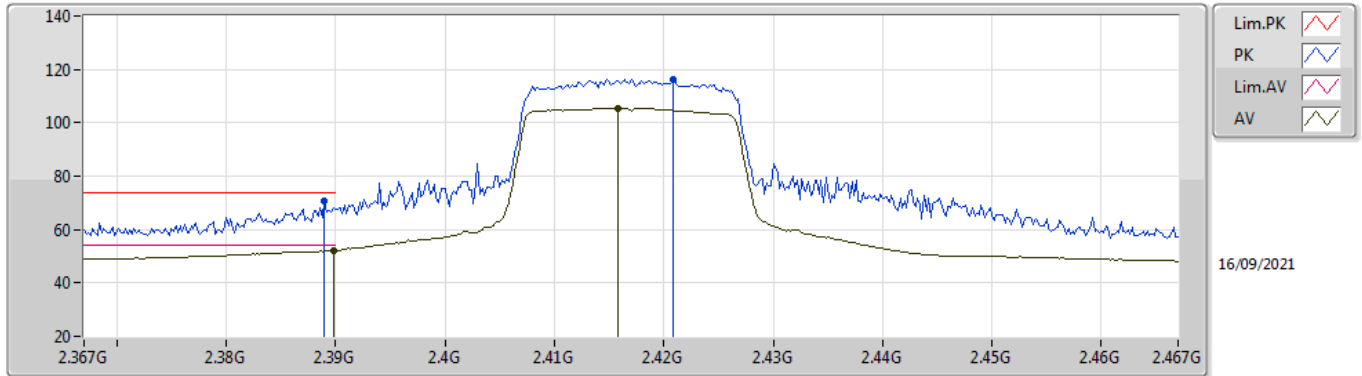
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8246G	41.19	54.00	-12.81	5.79	3	Horizontal	273	1.73	-	35.40	31.15	8.92	34.28
PK	4.82814G	55.72	74.00	-18.28	5.80	3	Horizontal	273	1.73	-	49.92	31.16	8.92	34.28

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

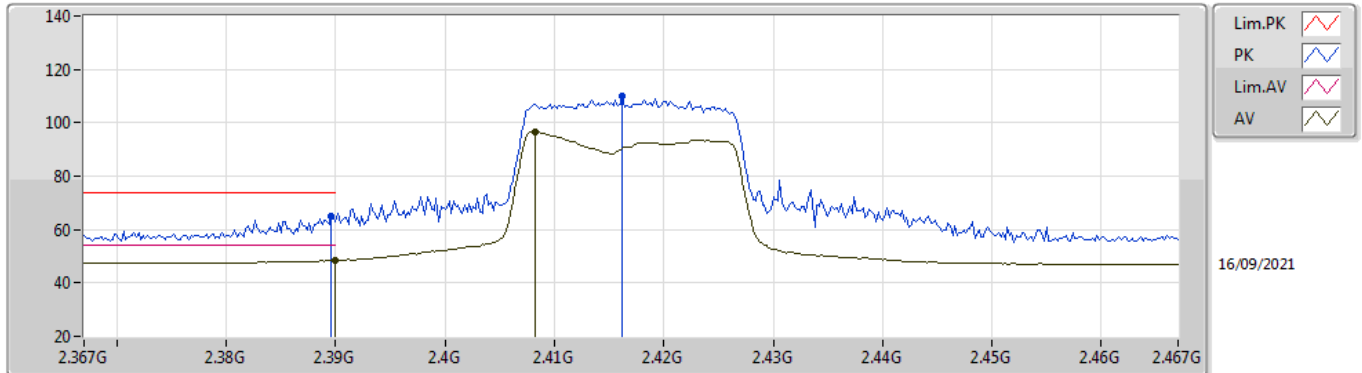
2417MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.19	54.00	-1.81	34.98	3	Vertical	47	1.21	-	17.21	27.72	7.26	-
AV	2.4158G	105.47	Inf	-Inf	34.88	3	Vertical	47	1.21	-	70.59	27.61	7.27	-
PK	2.389G	70.90	74.00	-3.10	34.98	3	Vertical	47	1.21	-	35.92	27.72	7.26	-
PK	2.4208G	116.27	Inf	-Inf	34.86	3	Vertical	47	1.21	-	81.41	27.58	7.28	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

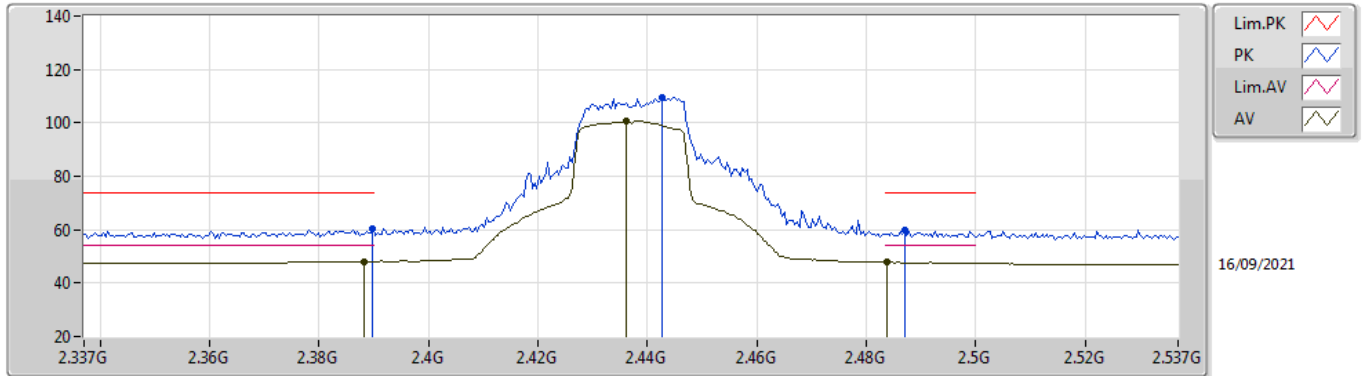
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.50	54.00	-5.50	34.98	3	Horizontal	213	1.24	-	13.52	27.72	7.26	-
AV	2.4082G	96.73	Inf	-Inf	34.92	3	Horizontal	213	1.24	-	61.81	27.65	7.27	-
PK	2.3896G	64.88	74.00	-9.12	34.98	3	Horizontal	213	1.24	-	29.90	27.72	7.26	-
PK	2.4162G	109.90	Inf	-Inf	34.87	3	Horizontal	213	1.24	-	75.03	27.60	7.27	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

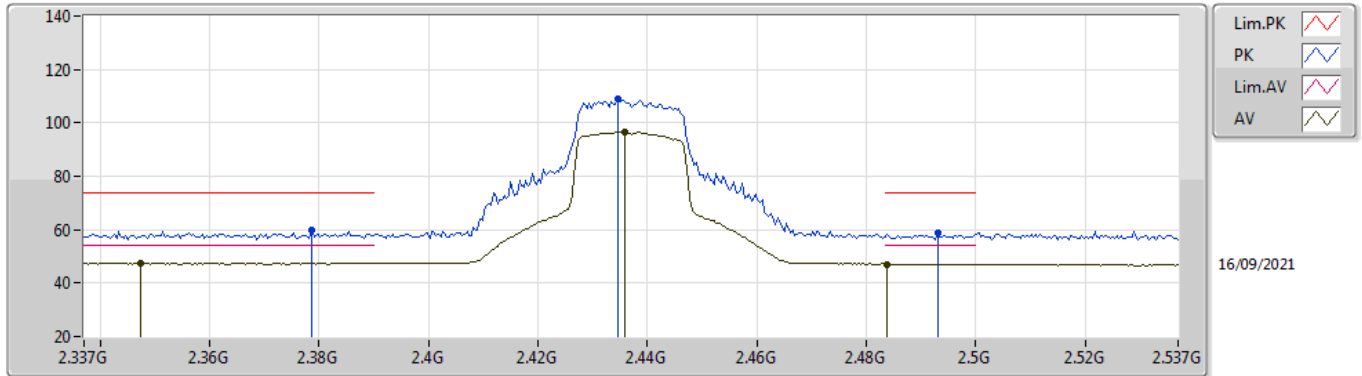
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3882G	48.13	54.00	-5.87	34.97	3	Vertical	185	1.50	-	13.16	27.72	7.25	-
AV	2.4362G	100.79	Inf	-Inf	34.77	3	Vertical	185	1.50	-	66.02	27.48	7.29	-
AV	2.4838G	47.83	54.00	-6.17	34.73	3	Vertical	185	1.50	-	13.10	27.40	7.33	-
PK	2.3898G	60.34	74.00	-13.66	34.98	3	Vertical	185	1.50	-	25.36	27.72	7.26	-
PK	2.4426G	109.62	Inf	-Inf	34.73	3	Vertical	185	1.50	-	74.89	27.44	7.29	-
PK	2.487G	59.86	74.00	-14.14	34.73	3	Vertical	185	1.50	-	25.13	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

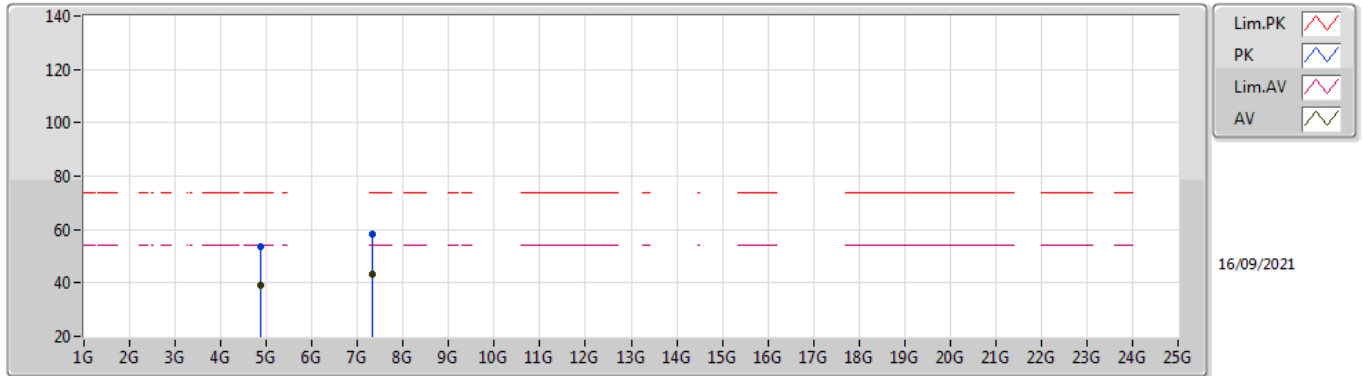
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3474G	47.37	54.00	-6.63	35.05	3	Horizontal	316	1.48	-	12.32	27.81	7.24	-
AV	2.4358G	96.51	Inf	-Inf	34.78	3	Horizontal	316	1.48	-	61.73	27.49	7.29	-
AV	2.4838G	47.12	54.00	-6.88	34.73	3	Horizontal	316	1.48	-	12.39	27.40	7.33	-
PK	2.3786G	59.59	74.00	-14.41	34.99	3	Horizontal	316	1.48	-	24.60	27.74	7.25	-
PK	2.4346G	108.85	Inf	-Inf	34.78	3	Horizontal	316	1.48	-	74.07	27.49	7.29	-
PK	2.493G	58.71	74.00	-15.29	34.73	3	Horizontal	316	1.48	-	23.98	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

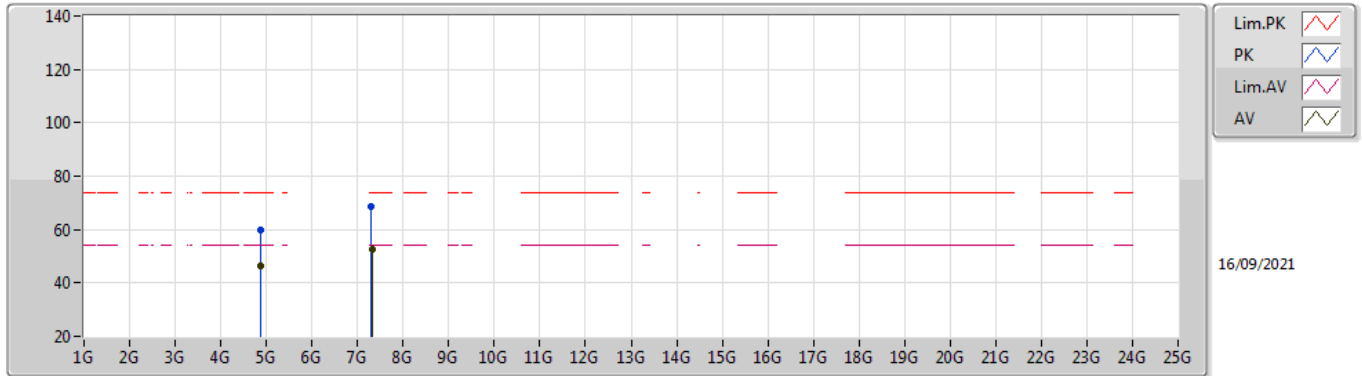
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8737G	39.38	54.00	-14.62	5.90	3	Vertical	174	1.50	-	33.48	31.20	8.96	34.26
AV	7.31796G	43.03	54.00	-10.97	12.42	3	Vertical	143	1.50	-	30.61	36.36	10.63	34.57
PK	4.87382G	53.74	74.00	-20.26	5.90	3	Vertical	174	1.50	-	47.84	31.20	8.96	34.26
PK	7.31334G	58.50	74.00	-15.50	12.42	3	Vertical	143	1.50	-	46.08	36.37	10.62	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

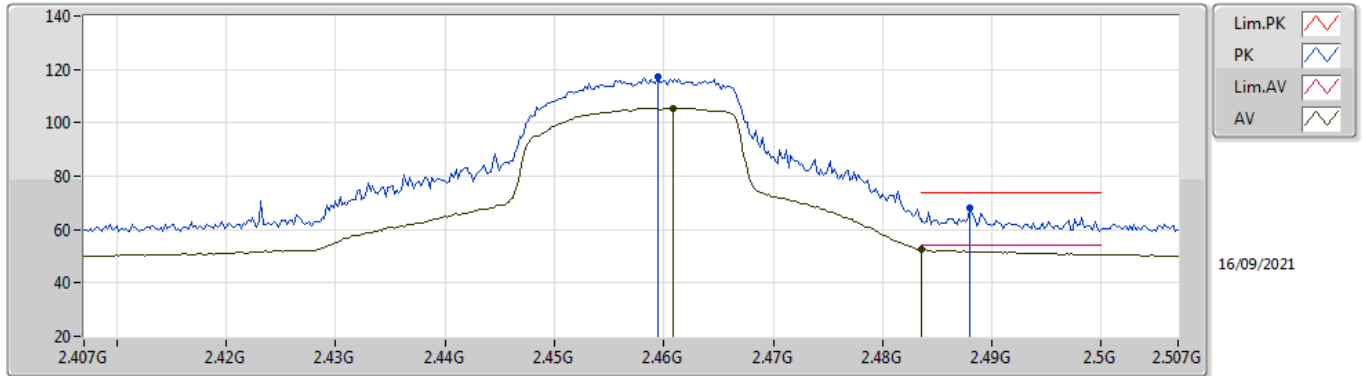
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87328G	46.28	54.00	-7.72	5.89	3	Horizontal	269	1.50	-	40.39	31.20	8.95	34.26
AV	7.31124G	52.62	54.00	-1.38	12.43	3	Horizontal	133	2.34	-	40.19	36.38	10.62	34.57
PK	4.8782G	60.01	74.00	-13.99	5.90	3	Horizontal	269	1.50	-	54.11	31.20	8.96	34.26
PK	7.30902G	68.53	74.00	-5.47	12.43	3	Horizontal	133	2.34	-	56.10	36.38	10.62	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

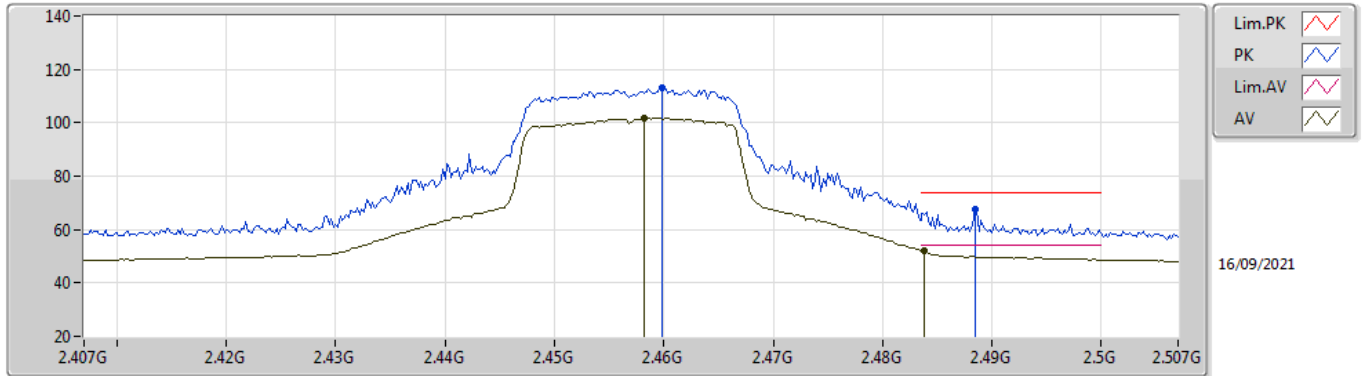
2457MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4608G	105.56	Inf	-Inf	34.71	3	Vertical	163	1.50	-	70.85	27.40	7.31	-
AV	2.4835G	52.59	54.00	-1.41	34.73	3	Vertical	163	1.50	-	17.86	27.40	7.33	-
PK	2.4594G	117.21	Inf	-Inf	34.71	3	Vertical	163	1.50	-	82.50	27.40	7.31	-
PK	2.488G	68.18	74.00	-5.82	34.73	3	Vertical	163	1.50	-	33.45	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

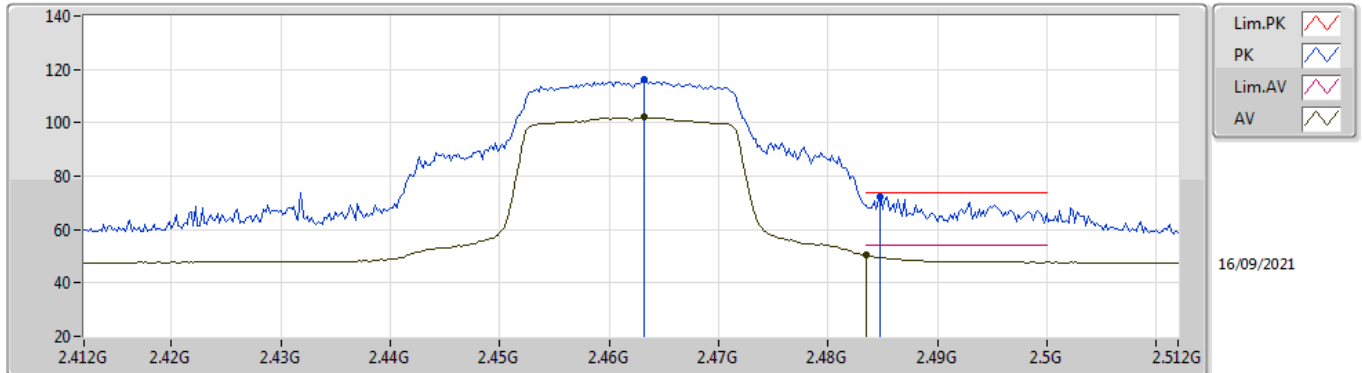
2457MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4582G	101.75	Inf	-Inf	34.71	3	Horizontal	315	1.57	-	67.04	27.40	7.31	-
AV	2.4838G	52.05	54.00	-1.95	34.73	3	Horizontal	315	1.57	-	17.32	27.40	7.33	-
PK	2.4598G	113.23	Inf	-Inf	34.71	3	Horizontal	315	1.57	-	78.52	27.40	7.31	-
PK	2.4884G	67.40	74.00	-6.60	34.73	3	Horizontal	315	1.57	-	32.67	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

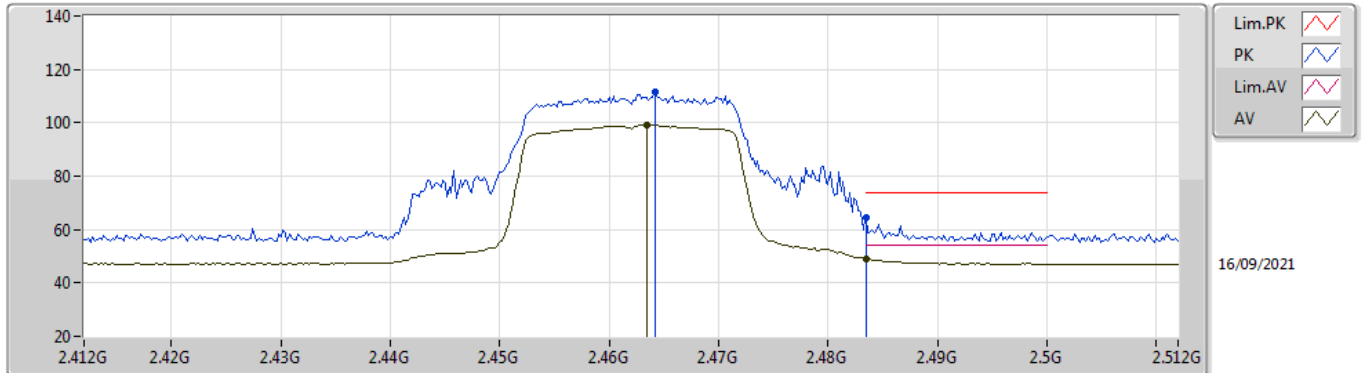
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4632G	102.04	Inf	-Inf	34.71	3	Vertical	161	1.50	-	67.33	27.40	7.31	-
AV	2.4835G	50.35	54.00	-3.65	34.73	3	Vertical	161	1.50	-	15.62	27.40	7.33	-
PK	2.4632G	116.09	Inf	-Inf	34.71	3	Vertical	161	1.50	-	81.38	27.40	7.31	-
PK	2.4848G	72.29	74.00	-1.71	34.73	3	Vertical	161	1.50	-	37.56	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

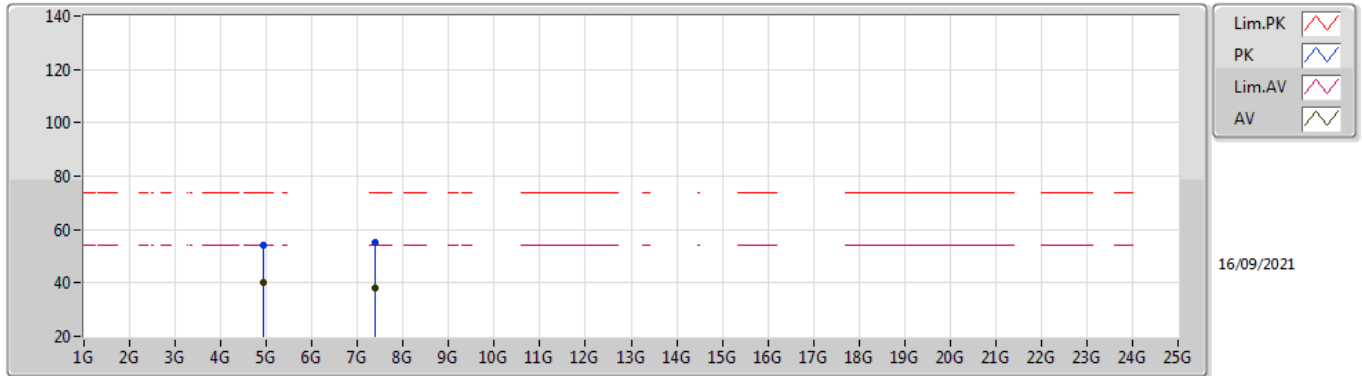
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4634G	99.11	Inf	-Inf	34.71	3	Horizontal	316	2.26	-	64.40	27.40	7.31	-
AV	2.4835G	48.93	54.00	-5.07	34.73	3	Horizontal	316	2.26	-	14.20	27.40	7.33	-
PK	2.4642G	111.73	Inf	-Inf	34.71	3	Horizontal	316	2.26	-	77.02	27.40	7.31	-
PK	2.4835G	64.52	74.00	-9.48	34.73	3	Horizontal	316	2.26	-	29.79	27.40	7.33	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

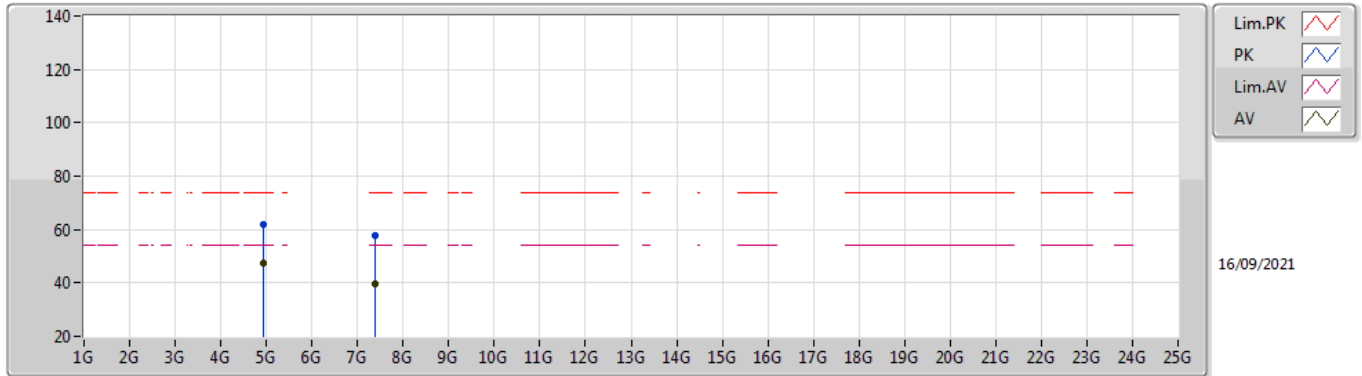
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92406G	40.41	54.00	-13.59	6.04	3	Vertical	8	1.34	-	34.37	31.30	8.99	34.25
AV	7.3776G	38.07	54.00	-15.93	12.35	3	Vertical	138	2.98	-	25.72	36.24	10.69	34.58
PK	4.92178G	54.01	74.00	-19.99	6.03	3	Vertical	8	1.34	-	47.98	31.29	8.99	34.25
PK	7.38504G	55.30	74.00	-18.70	12.35	3	Vertical	138	2.98	-	42.95	36.23	10.70	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

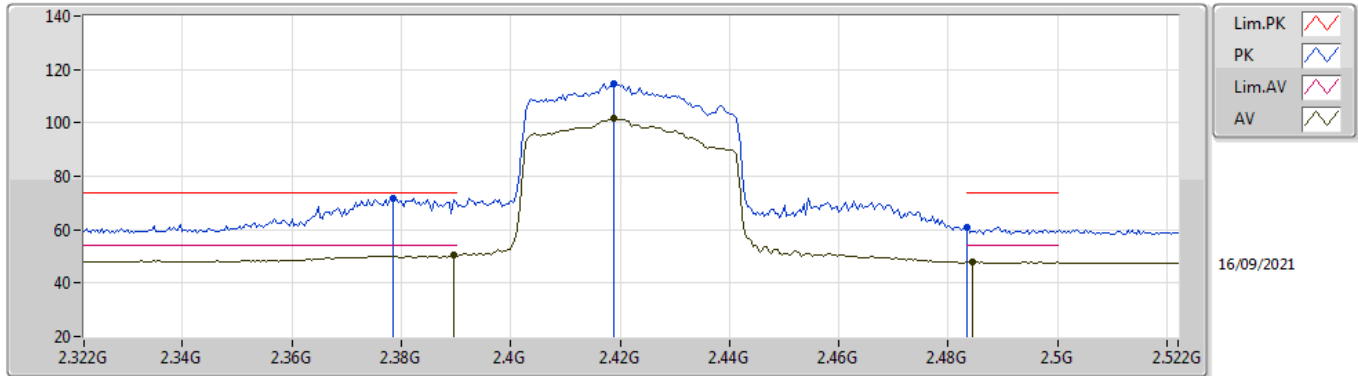
2462MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92736G	47.39	54.00	-6.61	6.07	3	Horizontal	267	1.92	-	41.32	31.31	9.00	34.24
AV	7.3809G	39.83	54.00	-14.17	12.35	3	Horizontal	135	2.25	-	27.48	36.24	10.69	34.58
PK	4.93264G	62.02	74.00	-11.98	6.09	3	Horizontal	267	1.92	-	55.93	31.33	9.00	34.24
PK	7.38504G	57.59	74.00	-16.41	12.35	3	Horizontal	135	2.25	-	45.24	36.23	10.70	34.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

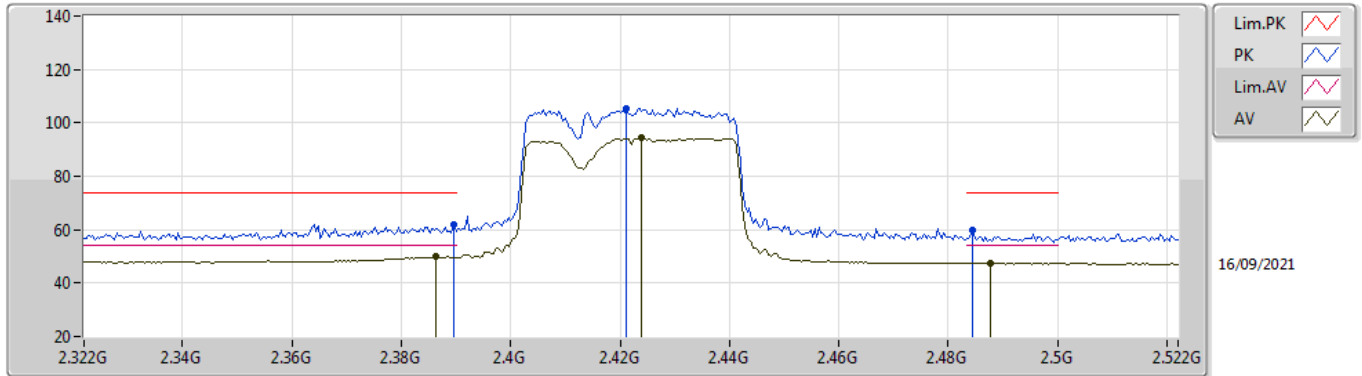
2422MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	50.29	54.00	-3.71	34.98	3	Vertical	274	1.95	-	15.31	27.72	7.26	-
AV	2.4188G	101.57	Inf	-Inf	34.87	3	Vertical	274	1.95	-	66.70	27.59	7.28	-
AV	2.4844G	47.85	54.00	-6.15	34.73	3	Vertical	274	1.95	-	13.12	27.40	7.33	-
PK	2.3784G	71.63	74.00	-2.37	34.99	3	Vertical	274	1.95	-	36.64	27.74	7.25	-
PK	2.4188G	114.58	Inf	-Inf	34.87	3	Vertical	274	1.95	-	79.71	27.59	7.28	-
PK	2.4835G	60.95	74.00	-13.05	34.73	3	Vertical	274	1.95	-	26.22	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

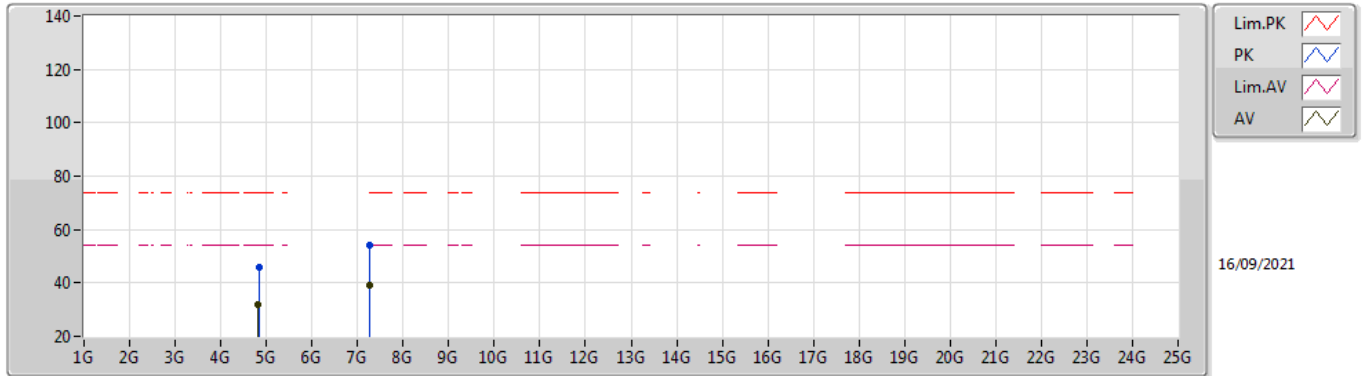
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	49.79	54.00	-4.21	34.98	3	Horizontal	318	1.50	-	14.81	27.73	7.25	-
AV	2.424G	94.59	Inf	-Inf	34.84	3	Horizontal	318	1.50	-	59.75	27.56	7.28	-
AV	2.4876G	47.61	54.00	-6.39	34.73	3	Horizontal	318	1.50	-	12.88	27.40	7.33	-
PK	2.3896G	62.14	74.00	-11.86	34.98	3	Horizontal	318	1.50	-	27.16	27.72	7.26	-
PK	2.4212G	105.60	Inf	-Inf	34.85	3	Horizontal	318	1.50	-	70.75	27.57	7.28	-
PK	2.4844G	60.01	74.00	-13.99	34.73	3	Horizontal	318	1.50	-	25.28	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

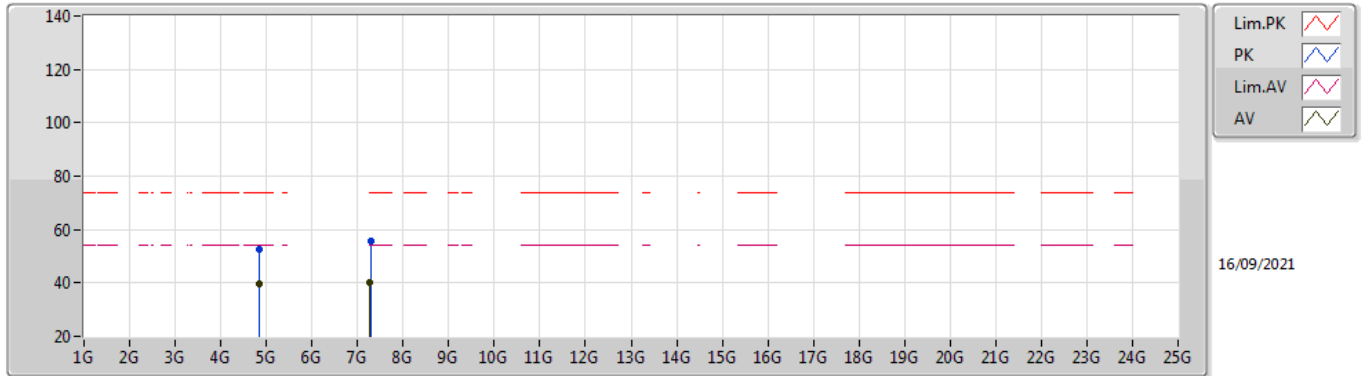
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8191G	31.83	54.00	-22.17	5.77	3	Vertical	69	1.50	-	26.06	31.14	8.91	34.28
AV	7.26012G	39.30	54.00	-14.70	12.32	3	Vertical	136	1.01	-	26.98	36.32	10.57	34.57
PK	4.8403G	45.92	74.00	-28.08	5.84	3	Vertical	69	1.50	-	40.08	31.18	8.93	34.27
PK	7.26306G	53.91	74.00	-20.09	12.33	3	Vertical	136	1.01	-	41.58	36.33	10.57	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

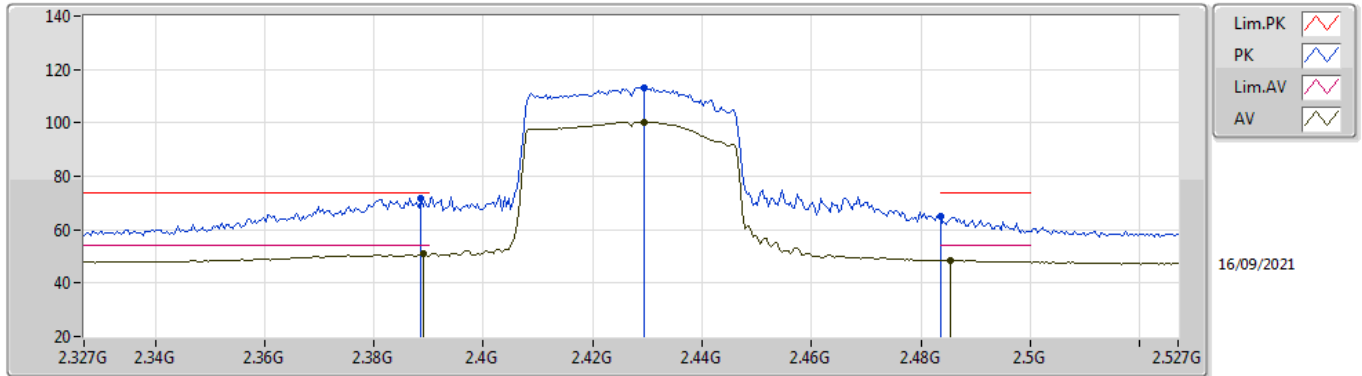
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8387G	39.50	54.00	-14.50	5.84	3	Horizontal	222	1.01	-	33.66	31.18	8.93	34.27
AV	7.25106G	40.43	54.00	-13.57	12.29	3	Horizontal	130	2.29	-	28.14	36.30	10.56	34.57
PK	4.8454G	52.46	74.00	-21.54	5.85	3	Horizontal	222	1.01	-	46.61	31.19	8.93	34.27
PK	7.28016G	55.91	74.00	-18.09	12.38	3	Horizontal	130	2.29	-	43.53	36.36	10.59	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

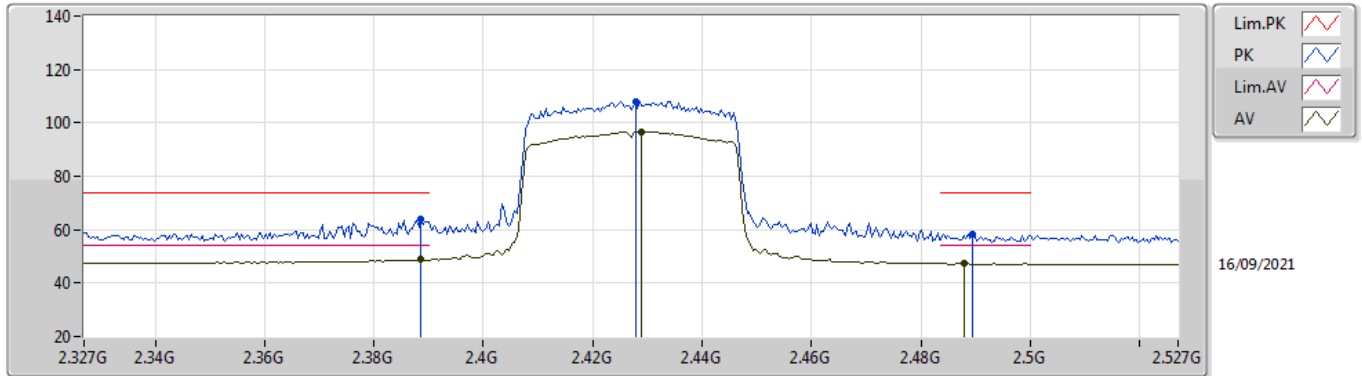
2427MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.389G	51.16	54.00	-2.84	34.98	3	Vertical	54	1.50	-	16.18	27.72	7.26	-
AV	2.4294G	100.32	Inf	-Inf	34.80	3	Vertical	54	1.50	-	65.52	27.52	7.28	-
AV	2.4854G	48.63	54.00	-5.37	34.73	3	Vertical	54	1.50	-	13.90	27.40	7.33	-
PK	2.3886G	71.84	74.00	-2.16	34.97	3	Vertical	54	1.50	-	36.87	27.72	7.25	-
PK	2.4294G	113.33	Inf	-Inf	34.80	3	Vertical	54	1.50	-	78.53	27.52	7.28	-
PK	2.4835G	65.17	74.00	-8.83	34.73	3	Vertical	54	1.50	-	30.44	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

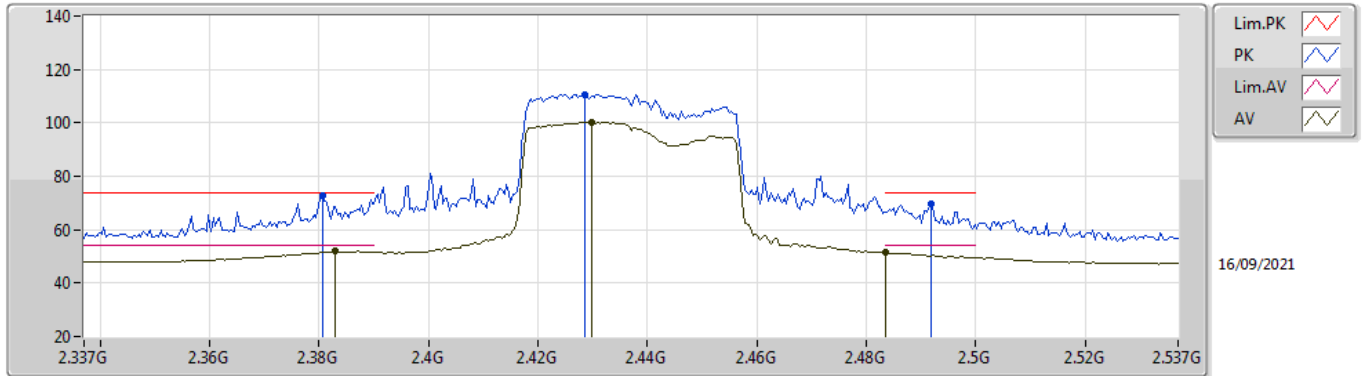
2427MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	48.87	54.00	-5.13	34.97	3	Horizontal	316	1.49	-	13.90	27.72	7.25	-
AV	2.429G	96.75	Inf	-Inf	34.81	3	Horizontal	316	1.49	-	61.94	27.53	7.28	-
AV	2.4878G	47.40	54.00	-6.60	34.73	3	Horizontal	316	1.49	-	12.67	27.40	7.33	-
PK	2.3886G	63.74	74.00	-10.26	34.97	3	Horizontal	316	1.49	-	28.77	27.72	7.25	-
PK	2.4278G	108.16	Inf	-Inf	34.81	3	Horizontal	316	1.49	-	73.35	27.53	7.28	-
PK	2.4894G	58.42	74.00	-15.58	34.73	3	Horizontal	316	1.49	-	23.69	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

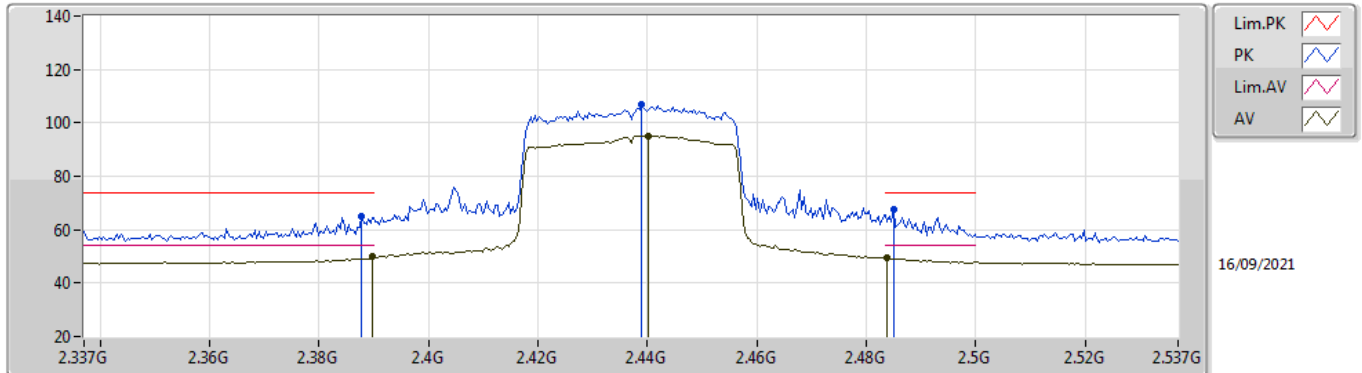
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.383G	52.12	54.00	-1.88	34.98	3	Vertical	49	1.50	-	17.14	27.73	7.25	-
AV	2.4298G	100.20	Inf	-Inf	34.80	3	Vertical	49	1.50	-	65.40	27.52	7.28	-
AV	2.4835G	51.48	54.00	-2.52	34.73	3	Vertical	49	1.50	-	16.75	27.40	7.33	-
PK	2.3806G	72.51	74.00	-1.49	34.99	3	Vertical	49	1.50	-	37.52	27.74	7.25	-
PK	2.4286G	110.77	Inf	-Inf	34.81	3	Vertical	49	1.50	-	75.96	27.53	7.28	-
PK	2.4918G	69.45	74.00	-4.55	34.73	3	Vertical	49	1.50	-	34.72	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

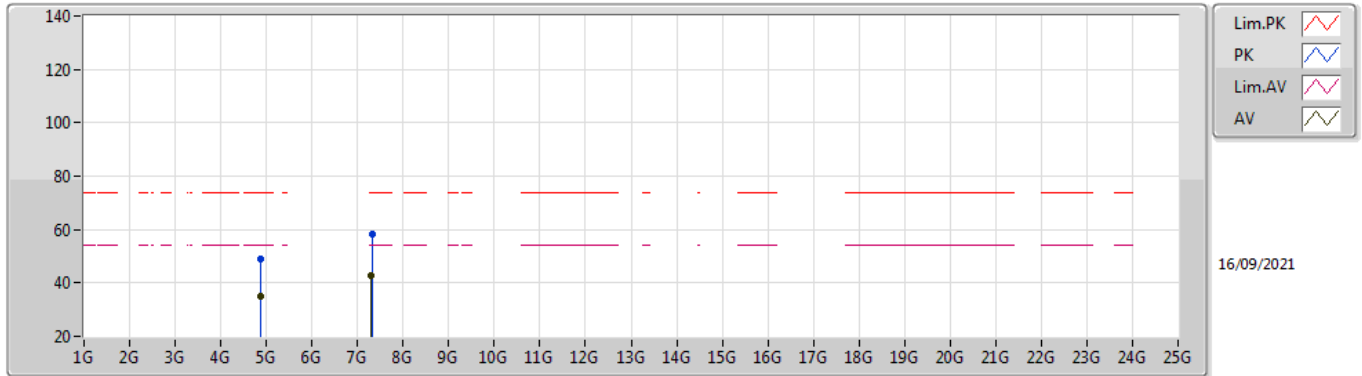
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.88	54.00	-4.12	34.98	3	Horizontal	303	2.32	-	14.90	27.72	7.26	-
AV	2.4402G	95.25	Inf	-Inf	34.75	3	Horizontal	303	2.32	-	60.50	27.46	7.29	-
AV	2.4838G	49.44	54.00	-4.56	34.73	3	Horizontal	303	2.32	-	14.71	27.40	7.33	-
PK	2.3878G	64.75	74.00	-9.25	34.97	3	Horizontal	303	2.32	-	29.78	27.72	7.25	-
PK	2.439G	106.64	Inf	-Inf	34.76	3	Horizontal	303	2.32	-	71.88	27.47	7.29	-
PK	2.485G	67.55	74.00	-6.45	34.73	3	Horizontal	303	2.32	-	32.82	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

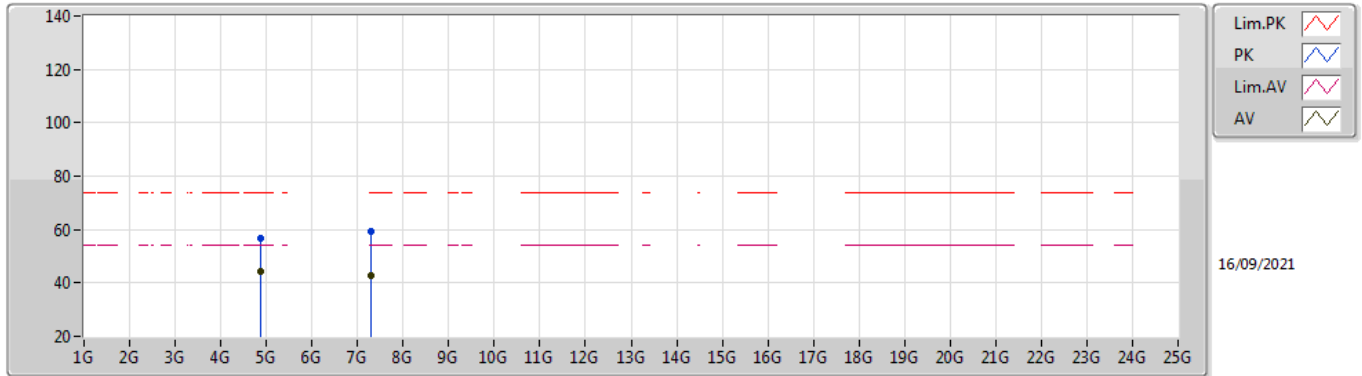
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8746G	34.79	54.00	-19.21	5.90	3	Vertical	174	1.32	-	28.89	31.20	8.96	34.26
AV	7.3093G	42.83	54.00	-11.17	12.43	3	Vertical	133	1.00	-	30.40	36.38	10.62	34.57
PK	4.8705G	48.99	74.00	-25.01	5.89	3	Vertical	174	1.32	-	43.10	31.20	8.95	34.26
PK	7.3189G	58.37	74.00	-15.63	12.42	3	Vertical	133	1.00	-	45.95	36.36	10.63	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

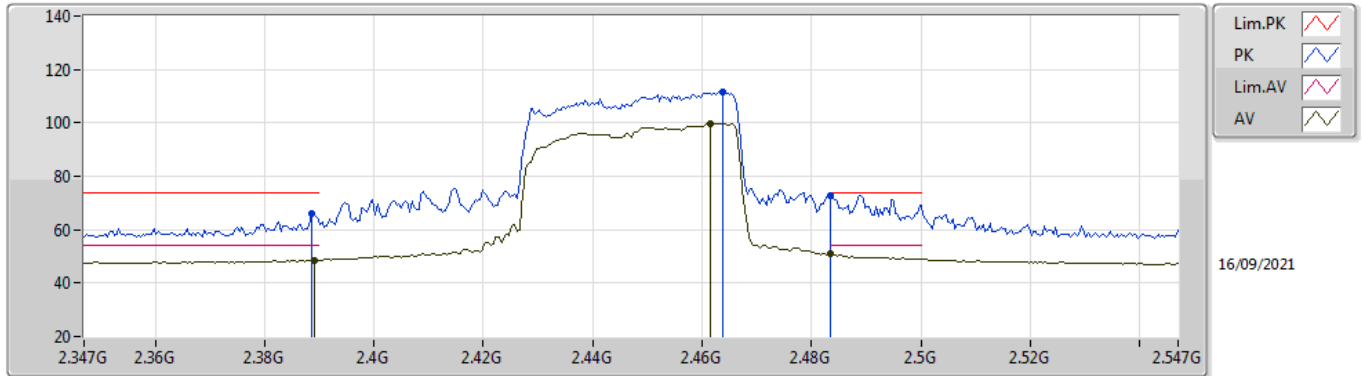
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8681G	44.14	54.00	-9.86	5.89	3	Horizontal	266	1.84	-	38.25	31.20	8.95	34.26
AV	7.2981G	42.89	54.00	-11.11	12.44	3	Horizontal	130	2.19	-	30.45	36.40	10.61	34.57
PK	4.8651G	56.72	74.00	-17.28	5.88	3	Horizontal	266	1.84	-	50.84	31.20	8.95	34.27
PK	7.3045G	59.10	74.00	-14.90	12.43	3	Horizontal	130	2.19	-	46.67	36.39	10.61	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

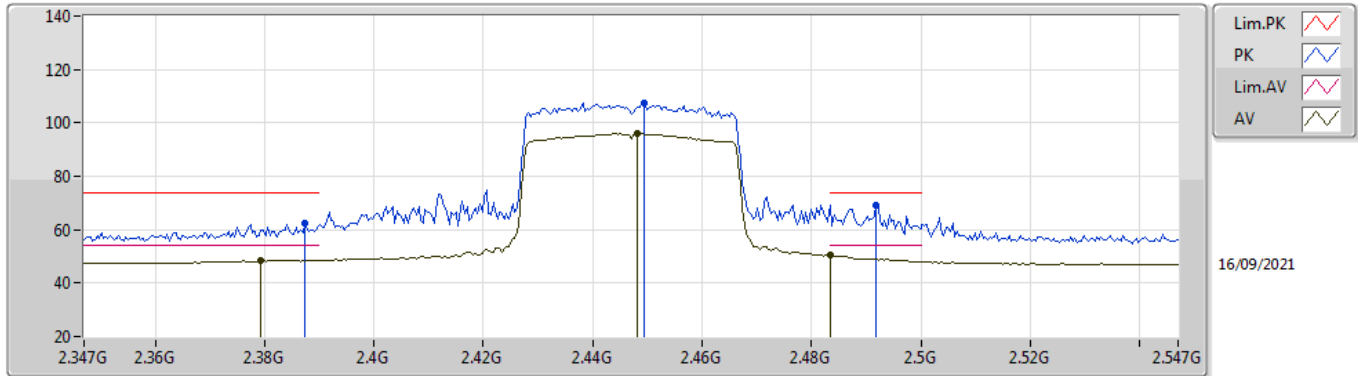
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	48.60	54.00	-5.40	34.98	3	Vertical	153	2.27	-	13.62	27.72	7.26	-
AV	2.4614G	99.65	Inf	-Inf	34.71	3	Vertical	153	2.27	-	64.94	27.40	7.31	-
AV	2.4835G	51.10	54.00	-2.90	34.73	3	Vertical	153	2.27	-	16.37	27.40	7.33	-
PK	2.3886G	66.26	74.00	-7.74	34.97	3	Vertical	153	2.27	-	31.29	27.72	7.25	-
PK	2.4638G	111.65	Inf	-Inf	34.71	3	Vertical	153	2.27	-	76.94	27.40	7.31	-
PK	2.4835G	72.87	74.00	-1.13	34.73	3	Vertical	153	2.27	-	38.14	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

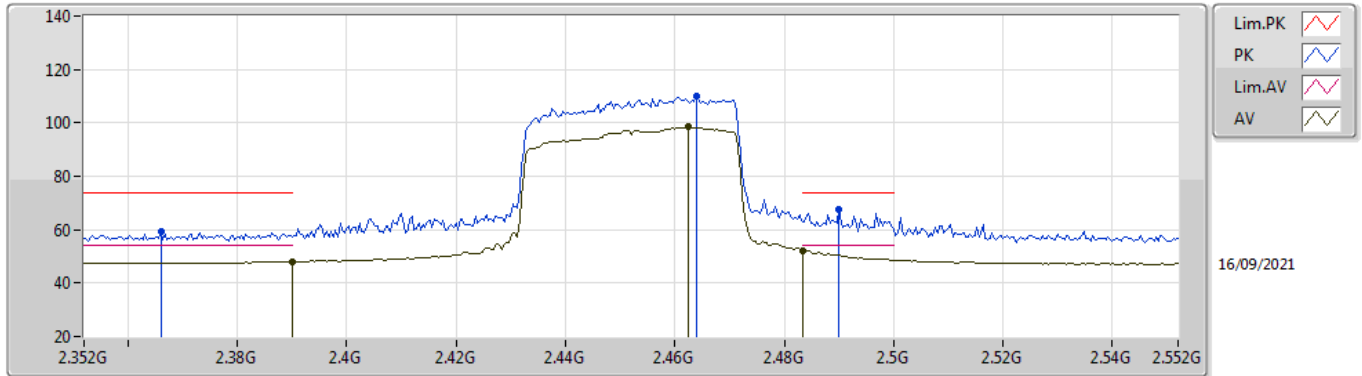
2447MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3794G	48.43	54.00	-5.57	34.99	3	Horizontal	315	1.71	-	13.44	27.74	7.25	-
AV	2.4482G	95.98	Inf	-Inf	34.71	3	Horizontal	315	1.71	-	61.27	27.41	7.30	-
AV	2.4835G	50.50	54.00	-3.50	34.73	3	Horizontal	315	1.71	-	15.77	27.40	7.33	-
PK	2.3874G	62.40	74.00	-11.60	34.98	3	Horizontal	315	1.71	-	27.42	27.73	7.25	-
PK	2.4494G	107.32	Inf	-Inf	34.70	3	Horizontal	315	1.71	-	72.62	27.40	7.30	-
PK	2.4918G	69.25	74.00	-4.75	34.73	3	Horizontal	315	1.71	-	34.52	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

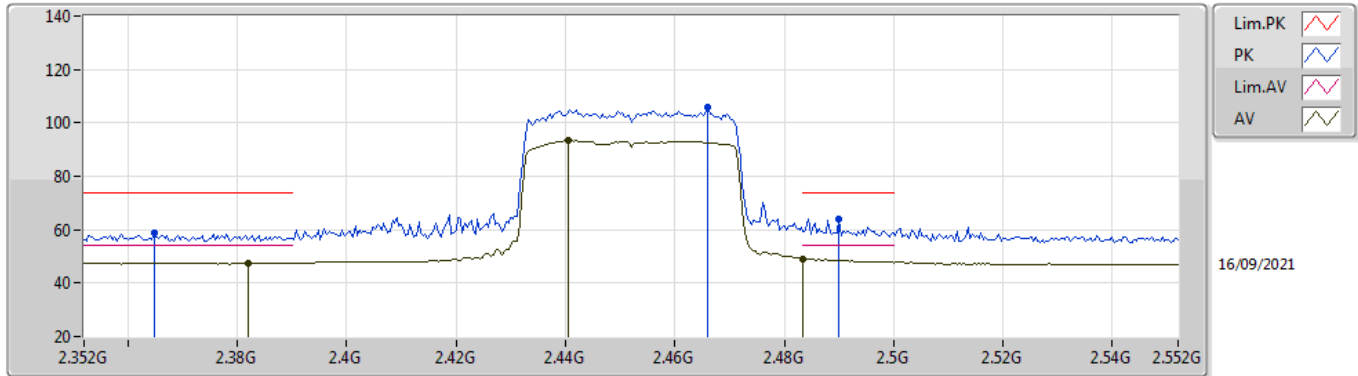
2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.07	54.00	-5.93	34.98	3	Vertical	153	1.26	-	13.09	27.72	7.26	-
AV	2.4624G	98.42	Inf	-Inf	34.71	3	Vertical	153	1.26	-	63.71	27.40	7.31	-
AV	2.4835G	52.04	54.00	-1.96	34.73	3	Vertical	153	1.26	-	17.31	27.40	7.33	-
PK	2.366G	59.15	74.00	-14.85	35.01	3	Vertical	153	1.26	-	24.14	27.77	7.24	-
PK	2.464G	109.76	Inf	-Inf	34.71	3	Vertical	153	1.26	-	75.05	27.40	7.31	-
PK	2.49G	67.63	74.00	-6.37	34.73	3	Vertical	153	1.26	-	32.90	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

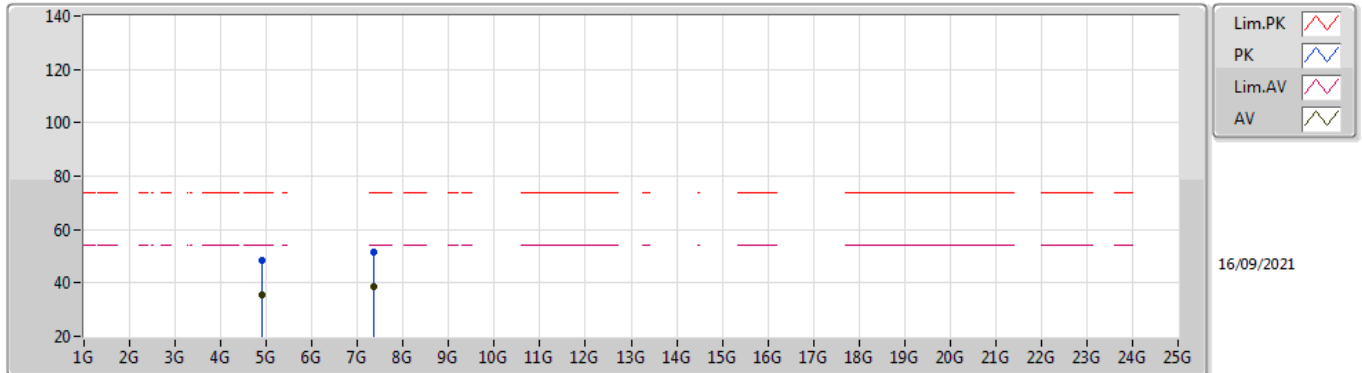
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.382G	47.61	54.00	-6.39	34.99	3	Horizontal	302	1.13	-	12.62	27.74	7.25	-
AV	2.4404G	93.35	Inf	-Inf	34.75	3	Horizontal	302	1.13	-	58.60	27.46	7.29	-
AV	2.4835G	49.03	54.00	-4.97	34.73	3	Horizontal	302	1.13	-	14.30	27.40	7.33	-
PK	2.3648G	58.54	74.00	-15.46	35.01	3	Horizontal	302	1.13	-	23.53	27.77	7.24	-
PK	2.466G	105.68	Inf	-Inf	34.71	3	Horizontal	302	1.13	-	70.97	27.40	7.31	-
PK	2.49G	64.21	74.00	-9.79	34.73	3	Horizontal	302	1.13	-	29.48	27.40	7.33	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

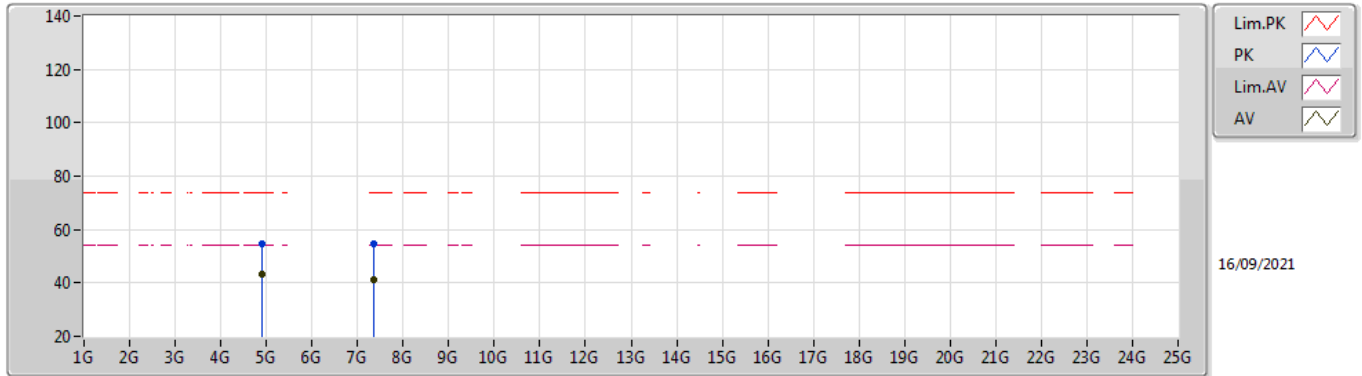
2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.91296G	35.30	54.00	-18.70	5.98	3	Vertical	358	1.40	-	29.32	31.25	8.98	34.25
AV	7.35888G	38.67	54.00	-15.33	12.37	3	Vertical	140	1.50	-	26.30	36.28	10.67	34.58
PK	4.91032G	48.30	74.00	-25.70	5.97	3	Vertical	358	1.40	-	42.33	31.24	8.98	34.25
PK	7.36712G	51.61	74.00	-22.39	12.37	3	Vertical	140	1.50	-	39.24	36.27	10.68	34.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.90504G	43.05	54.00	-10.95	5.95	3	Horizontal	267	1.83	-	37.10	31.22	8.98	34.25
AV	7.35544G	41.44	54.00	-12.56	12.38	3	Horizontal	135	2.93	-	29.06	36.29	10.67	34.58
PK	4.90432G	54.87	74.00	-19.13	5.95	3	Horizontal	267	1.83	-	48.92	31.22	8.98	34.25
PK	7.35896G	54.57	74.00	-19.43	12.37	3	Horizontal	135	2.93	-	42.20	36.28	10.67	34.58



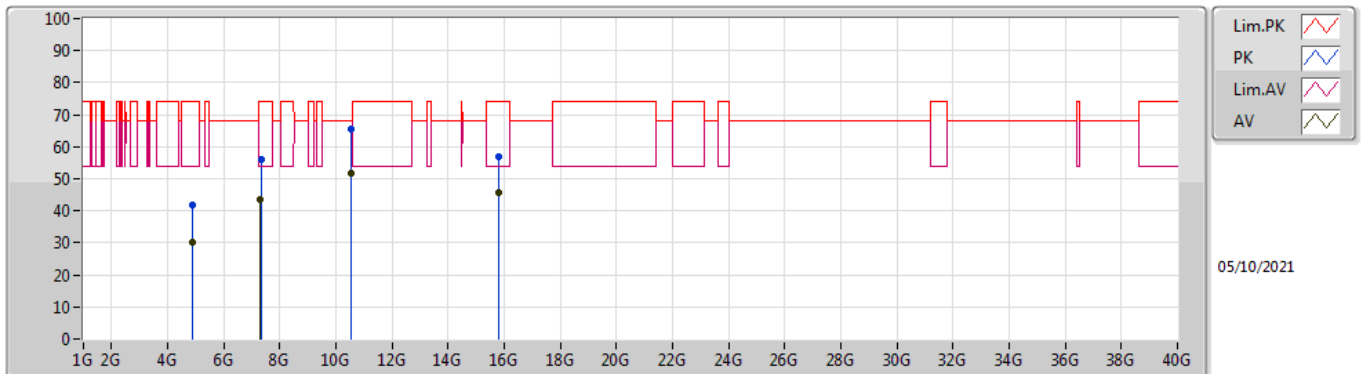
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	10.54443G	67.07	68.20	-1.13	Horizontal

Result

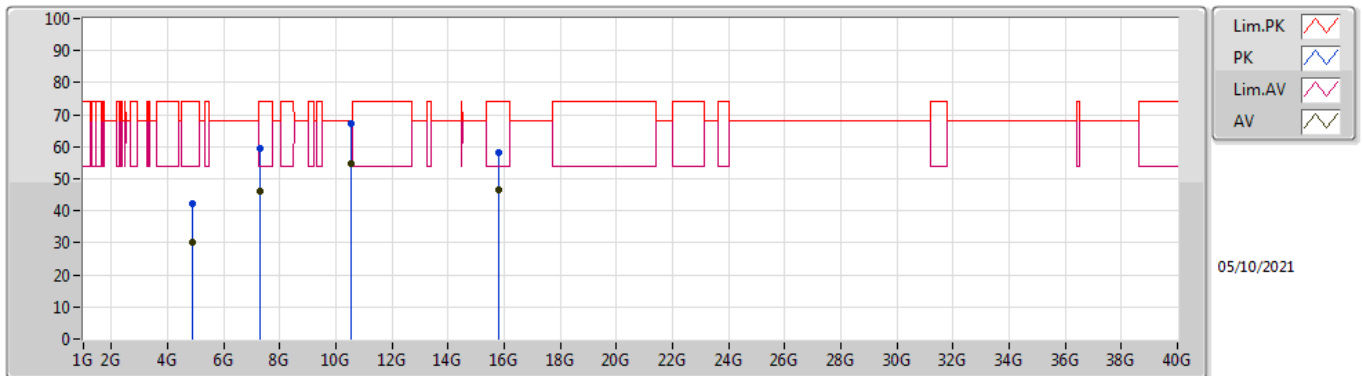
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.88894G	30.17	54.00	-23.83	3	Vertical	132	1.85	-
Mode 1	Pass	AV	7.31442G	43.32	54.00	-10.68	3	Vertical	44	1.54	-
Mode 1	Pass	AV	10.53848G	51.82	68.20	-16.38	3	Vertical	239	1.66	-
Mode 1	Pass	AV	15.80553G	45.68	54.00	-8.32	3	Vertical	142	1.63	-
Mode 1	Pass	PK	4.8809G	41.72	74.00	-32.28	3	Vertical	132	1.85	-
Mode 1	Pass	PK	7.3197G	55.86	74.00	-18.14	3	Vertical	44	1.54	-
Mode 1	Pass	PK	10.54124G	65.37	68.20	-2.83	3	Vertical	239	1.66	-
Mode 1	Pass	PK	15.80537G	57.09	74.00	-16.91	3	Vertical	142	1.63	-
Mode 1	Pass	AV	4.8788G	30.32	54.00	-23.68	3	Horizontal	210	1.50	-
Mode 1	Pass	AV	7.31442G	46.30	54.00	-7.70	3	Horizontal	132	1.85	-
Mode 1	Pass	AV	10.54196G	54.59	68.20	-13.61	3	Horizontal	22	1.31	-
Mode 1	Pass	AV	15.80569G	46.47	54.00	-7.53	3	Horizontal	153	1.52	-
Mode 1	Pass	PK	4.86362G	42.17	74.00	-31.83	3	Horizontal	210	1.50	-
Mode 1	Pass	PK	7.31418G	59.33	74.00	-14.67	3	Horizontal	132	1.85	-
Mode 1	Pass	PK	10.54443G	67.07	68.20	-1.13	3	Horizontal	22	1.31	-
Mode 1	Pass	PK	15.80274G	58.28	74.00	-15.72	3	Horizontal	153	1.52	-

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.88894G	30.17	54.00	-23.83	3.07	3	Vertical	132	1.85	-	27.10	31.20	6.31	34.44
AV	7.31442G	43.32	54.00	-10.68	9.60	3	Vertical	44	1.54	-	33.72	36.27	8.14	34.81
AV	10.53848G	51.82	68.20	-16.38	14.76	3	Vertical	239	1.66	-	37.06	39.66	9.57	34.47
AV	15.80553G	45.68	54.00	-8.32	14.38	3	Vertical	142	1.63	-	31.30	37.28	11.75	34.65
PK	4.8809G	41.72	74.00	-32.28	3.07	3	Vertical	132	1.85	-	38.65	31.20	6.31	34.44
PK	7.3197G	55.86	74.00	-18.14	9.59	3	Vertical	44	1.54	-	46.27	36.26	8.14	34.81
PK	10.54124G	65.37	68.20	-2.83	14.76	3	Vertical	239	1.66	-	50.61	39.66	9.57	34.47
PK	15.80537G	57.09	74.00	-16.91	14.38	3	Vertical	142	1.63	-	42.71	37.28	11.75	34.65

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.8788G	30.32	54.00	-23.68	3.07	3	Horizontal	210	1.50	-	27.25	31.20	6.31	34.44
AV	7.31442G	46.30	54.00	-7.70	9.60	3	Horizontal	132	1.85	-	36.70	36.27	8.14	34.81
AV	10.54196G	54.59	68.20	-13.61	14.77	3	Horizontal	22	1.31	-	39.82	39.66	9.57	34.46
AV	15.80569G	46.47	54.00	-7.53	14.38	3	Horizontal	153	1.52	-	32.09	37.28	11.75	34.65
PK	4.86362G	42.17	74.00	-31.83	3.06	3	Horizontal	210	1.50	-	39.11	31.20	6.30	34.44
PK	7.31418G	59.33	74.00	-14.67	9.60	3	Horizontal	132	1.85	-	49.73	36.27	8.14	34.81
PK	10.54443G	67.07	68.20	-1.13	14.77	3	Horizontal	22	1.31	-	52.30	39.66	9.57	34.46
PK	15.80274G	58.28	74.00	-15.72	14.40	3	Horizontal	153	1.52	-	43.88	37.29	11.75	34.64