



FCC Radio Test Report

FCC ID : Z8H89FT0066
Equipment : XV2-2T Outdoor Wi-Fi 6 Access point
Brand Name : Cambium Networks
Model Name : XV2-2T, XV2-2T1
Applicant : Cambium Networks Inc.
3800 Golf Road Suite 360 Rolling Meadows IL
United States 60008
Manufacturer : Lite-On Network Communication (Dongguan)
Limited
No.30 QingXi-Keji Road, QingXi Town, DongGuan
City, Guangdong Province, P.R. China
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 27, 2021, and testing was started from Jan. 10, 2022 and completed on Jan. 20, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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PHOTOGRAPHS OF EUT V01



History of this test report

Report No.	Version	Description	Issued Date
FR142329-04AC	01	Initial issue of report	Mar. 24 , 2022



Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Debby Hung



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 modulation.
- BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Model:XV2-2T <Group 1>

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	LYNwave	Snow Leopard	PIFA antenna	I-PEX	2.4G
2	LYNwave	Snow Leopard	PIFA antenna	I-PEX	2.4G
3	LYNwave	Snow Leopard	PIFA antenna	I-PEX	5G
4	LYNwave	Snow Leopard	PIFA antenna	I-PEX	5G
5	LYNwave	Snow Leopard	PIFA antenna	I-PEX	BT

Ant.	Port	Gain (dBi)					BT
		2.4G	5G				
			U-NII-1	U-NII-2A	U-NII-2C		
1	1	5.2	-	-	-	-	-
2	2	5.3	-	-	-	-	-
3	1	-	8.1	8.1	9.3	9.0	-
4	2	-	8.6	8.6	8.9	8.6	-
5	1	-	-	-	-	-	5.6

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

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

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



Model:XV2-2T1 <Group 2>

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	M-gear	Snow leopard_120deg	Array patch	I-PEX	2.4G
2	M-gear	Snow leopard_120deg	Array patch	I-PEX	2.4G
3	M-gear	Snow leopard_120deg	Array patch	I-PEX	5G
4	M-gear	Snow leopard_120deg	Array patch	I-PEX	5G
5	LYNwave	Snow Leopard	PIFA antenna	I-PEX	BT

Ant.	Port	Gain (dBi)					BT
		2.4G	5G				
			U-NII-1	U-NII-2A	U-NII-2C		
1	1	11.9	-	-	-	-	-
2	2	11.7	-	-	-	-	-
3	1	-	14.31	13.37	14.00	13.05	-
4	2	-	14.57	14.38	13.03	12	-
5	1	-	-	-	-	-	5.6

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For BT function:

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

Ant. 5 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 Table for Multiple Listing

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

Model Name	Antenna	Description
XV2-2T	Group 1	All the models are identical, the only difference is that the Wi-Fi antennas for each model are different.
XV2-2T1	Group 2	

1.1.4 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR142329AC

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Model:XV2-2T1 was added. 2. Group 2 Antenna was added for XV2-2T1 used.	Conducted and Radiated Emissions were evaluated



1.1.5 EUT Information

Operational Condition				
EUT Power Type	From PoE			
EUT Function	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
Resource Unit(802.11ax)	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Type of EUT				
<input type="checkbox"/>	Stand-alone			
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.: ...			
<input checked="" type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name: Cambium Networks / Model No.: XV2-2T1			
<input type="checkbox"/>	Other:			

1.1.6 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.618	2.09	648.75u	3k
802.11g_Nss1,(6Mbps)_2TX	0.93	0.32	1.433m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.958	0.19	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.941	0.26	5.446m	300

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.938	0.28	2.897m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.895	0.48	2.897m	1k

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



1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<input checked="" type="checkbox"/> 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
RF Conducted <Non-Beamforming>	TH07-HY	Yuna Lin	20.1~25.3°C / 50.4~58.7%	17/Jan/2022~20/Jan/2022
RF Conducted <Beamforming>	TH07-HY	Yuna Lin	20.1~25.4°C / 51.0~58.6%	17/Jan/2022~20/Jan/2022
<input checked="" type="checkbox"/> Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated <Non-Beamforming>	03CH09-HY	Ryan Hsiao	21.3~23.3°C / 41~62%	10/Jan/2022~19/Jan/2022
Radiated <Beamforming>	03CH09-HY	Ryan Hsiao	21.0~23.0°C / 43~60%	10/Jan/2022~19/Jan/2022



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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	QDART-Connectivity 1.0-00077 WPX9924_TX_EVM-3_231113.cxtt
------------------------------	--

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	20
2417MHz	20
2437MHz	20
2462MHz	20.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16
2417MHz	19.5
2437MHz	20.5
2457MHz	20.5
2462MHz	19.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	14.5
2417MHz	19
2437MHz	21
2457MHz	21
2462MHz	18.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	12.5
2427MHz	13.5
2437MHz	17.5
2447MHz	17.5
2452MHz	17






<Beamforming>

Test Software Version	Dos6.1
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Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	12
2417MHz	13
2437MHz	20
2457MHz	16
2462MHz	13
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	12
2427MHz	12
2437MHz	15
2447MHz	13
2452MHz	12

2.2 The Worst Case Measurement Configuration

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

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



2.3 Accessories

Accessories				
Mount kit	Brand Name	-	Model Name	-

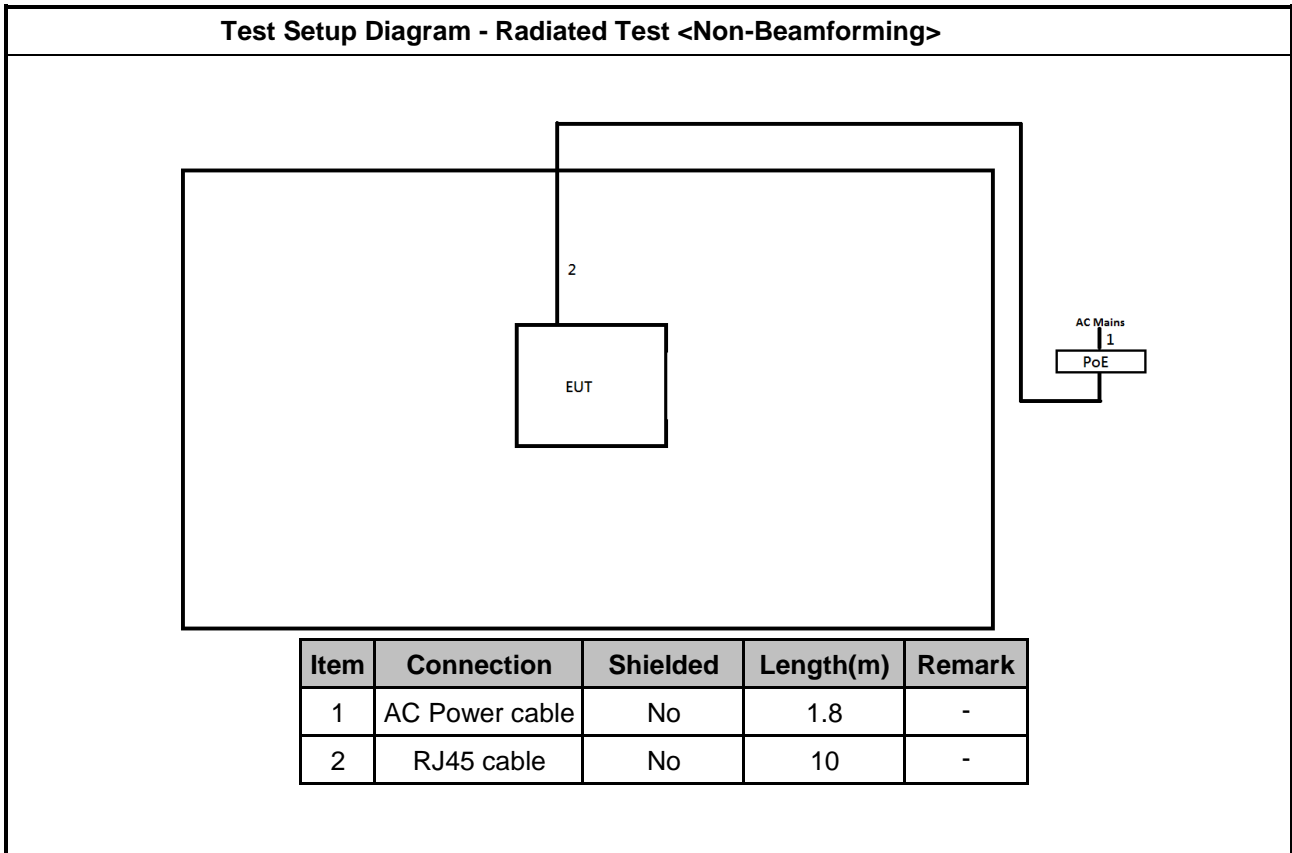
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

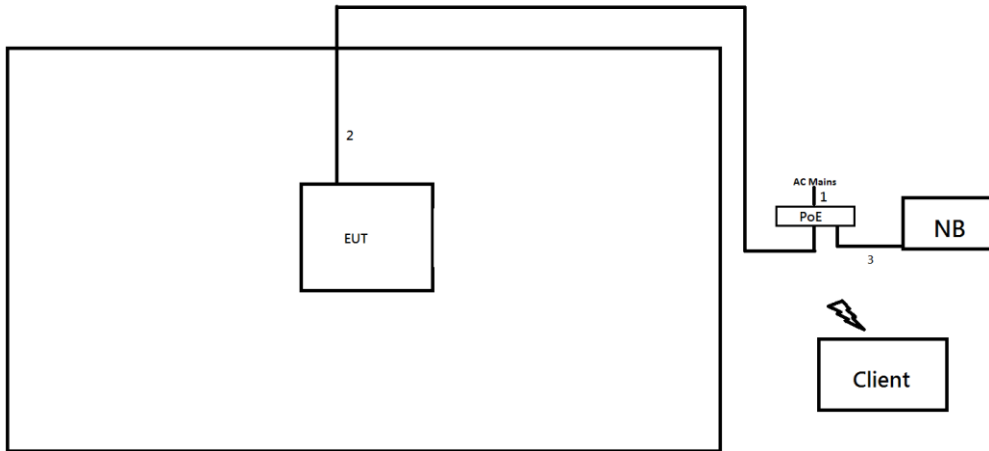
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Cambium Networks	NET-P60-56IN	-	-
4	Client	-	-	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client	-	-	-	Provided by Customer / remote
2	Notebook	HP	E5520	-	remote
3	PoE	UBIQUITI	UBI-POE-48-5G	-	remote

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test <Beamforming>



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10	-
3	RJ45 cable	No	1.0	-

3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
<ul style="list-style-type: none"> ▪ 6 dB bandwidth \geq 500 kHz.

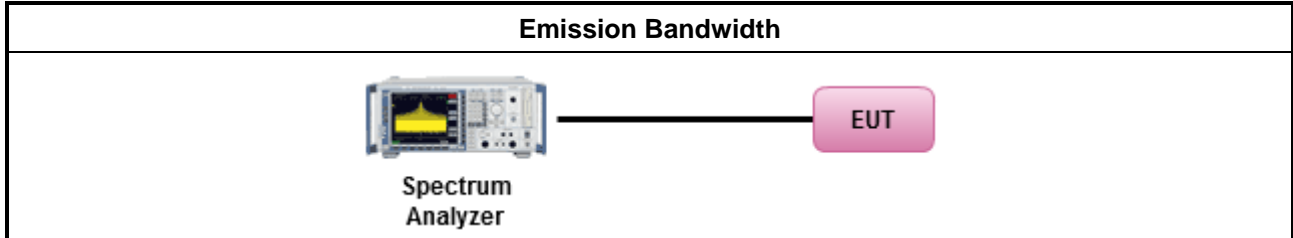
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below:
<input checked="" type="checkbox"/> Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
<input type="checkbox"/> Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
<input type="checkbox"/> Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	<ul style="list-style-type: none"> ▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS):
	<ul style="list-style-type: none"> - Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	<ul style="list-style-type: none"> ▪ 2400-2483.5 MHz Band
	<ul style="list-style-type: none"> ▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	<ul style="list-style-type: none"> ▪ Smart antenna system (SAS)
	<ul style="list-style-type: none"> - Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	<ul style="list-style-type: none"> - Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
<p>P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.</p>	

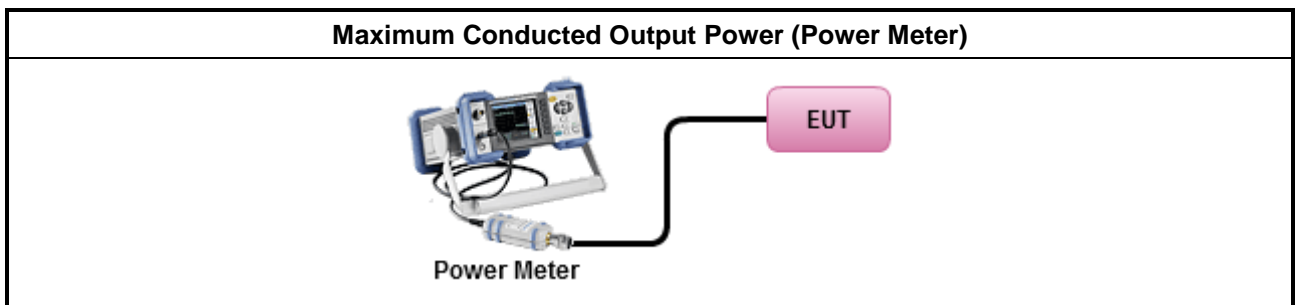
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ Maximum Peak Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
<ul style="list-style-type: none"> ▪ Maximum Average Conducted Output Power 	
<input type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
<input checked="" type="checkbox"/>	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
<ul style="list-style-type: none"> ▪ For conducted measurement. 	
<ul style="list-style-type: none"> ▪ 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. 	
<ul style="list-style-type: none"> ▪ 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]) $EIRP_{total} = P_{total} + DG$ 	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

Power Spectral Density Limit
<ul style="list-style-type: none"> Power Spectral Density (PSD) \leq 8 dBm/3kHz

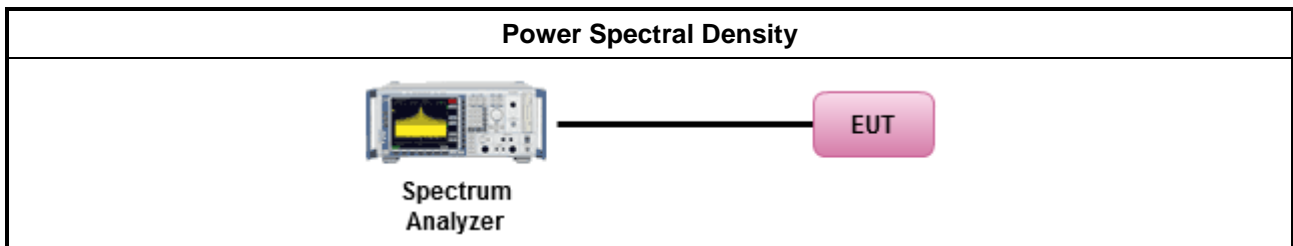
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
<ul style="list-style-type: none"> 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).
<input checked="" type="checkbox"/> Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
<ul style="list-style-type: none"> For conducted measurement. <ul style="list-style-type: none"> If The EUT supports multiple transmit chains using options given below: <ul style="list-style-type: none"> 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.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 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
<p>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.</p> <p>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.</p>	

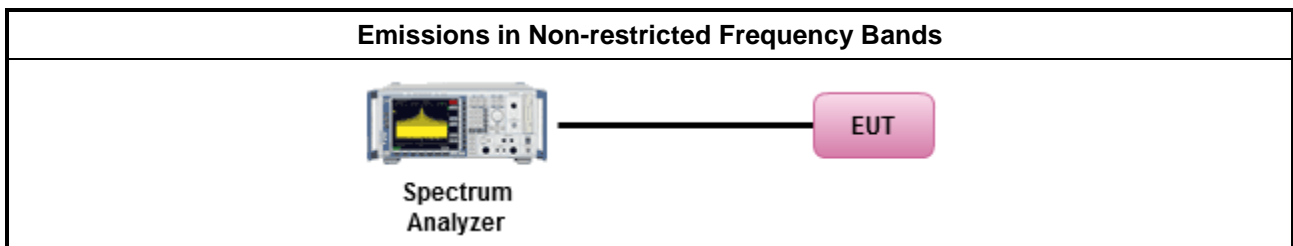
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.4.4 Test Setup



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D



3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

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



3.5.3 Test Procedures

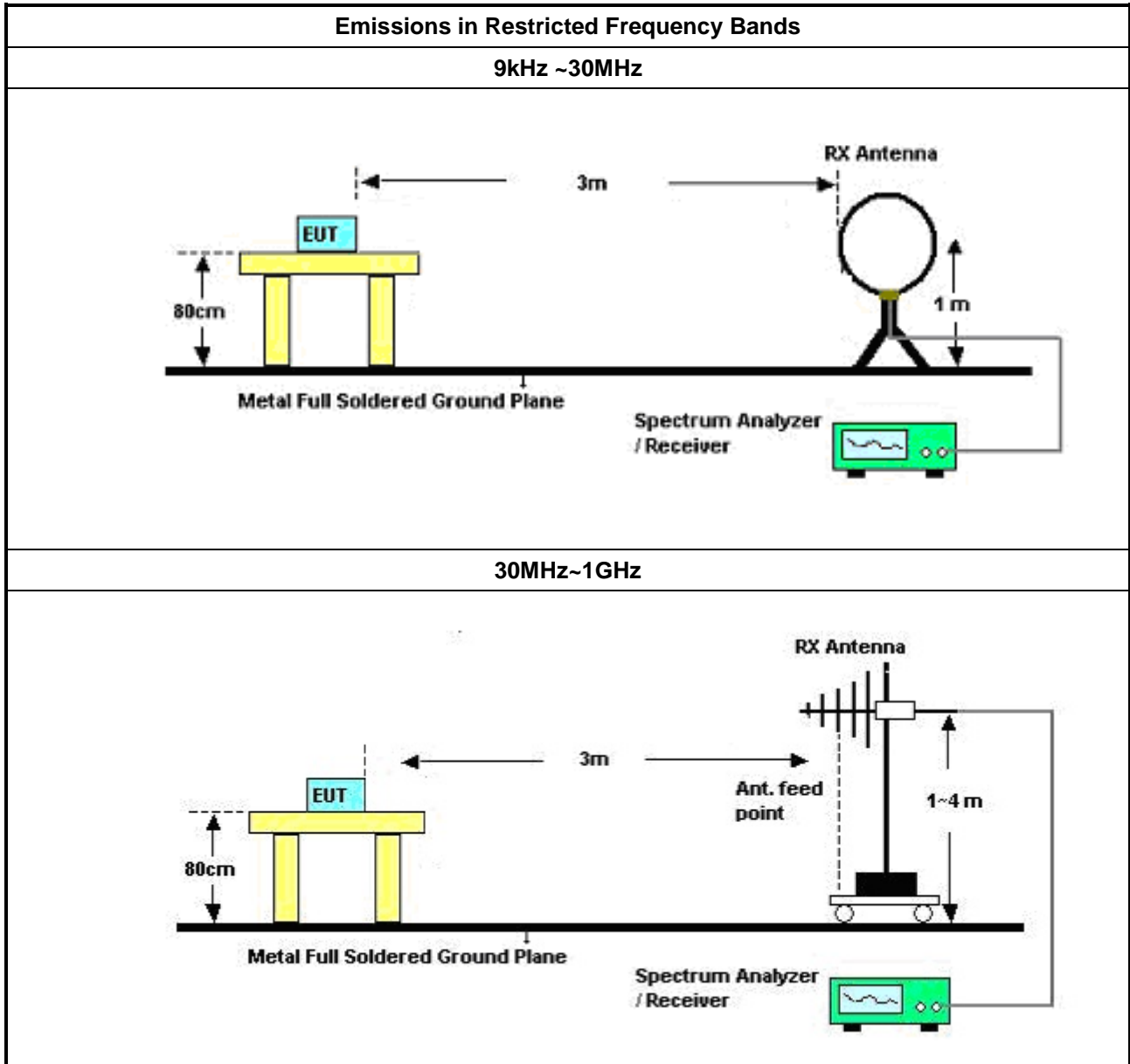
Test Method	
	<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
	<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below:
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
	<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below:
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
	<ul style="list-style-type: none"> Use the following spectrum analyzer settings:
	<ul style="list-style-type: none"> Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	<ul style="list-style-type: none"> Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
	<ul style="list-style-type: none"> KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

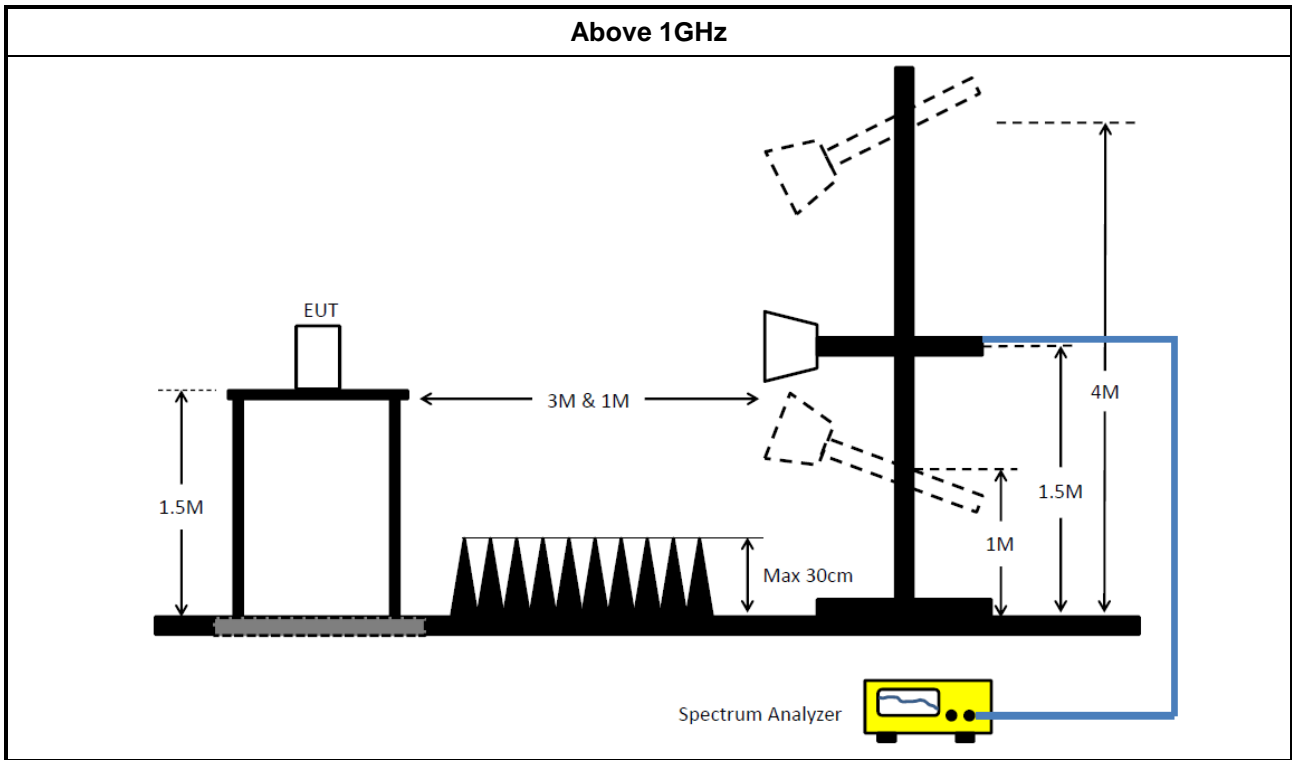
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 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.

3.5.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	26/Mar/2021	25/Mar/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247_DTS	Sporton	V5.10.7.14	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	18/May/2021	17/May/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE-15247_DTS	Sporton	V5.10.7.14	N/A	N/A	N/A	N/A



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	12.969M	13M0G1D	7.075M	12.919M
802.11g_Nss1,(6Mbps)_2TX	16.025M	16.442M	16M4D1D	15.6M	16.417M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.375M	18.991M	19M0D1D	17.5M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	38M	37.931M	37M9D1D	36.95M	37.881M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.525M	12.944M	8.025M	12.919M
2437MHz	Pass	500k	8M	12.969M	7.075M	12.944M
2462MHz	Pass	500k	8.05M	12.969M	8M	12.969M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.8M	16.442M	15.6M	16.417M
2437MHz	Pass	500k	16.025M	16.442M	15.625M	16.417M
2462MHz	Pass	500k	16.025M	16.442M	15.625M	16.442M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.275M	18.966M	17.65M	18.916M
2437MHz	Pass	500k	18.125M	18.941M	17.5M	18.966M
2462MHz	Pass	500k	18.325M	18.966M	18.375M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.85M	37.881M	36.95M	37.881M
2437MHz	Pass	500k	37.8M	37.931M	37.75M	37.931M
2452MHz	Pass	500k	37.75M	37.931M	38M	37.931M

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

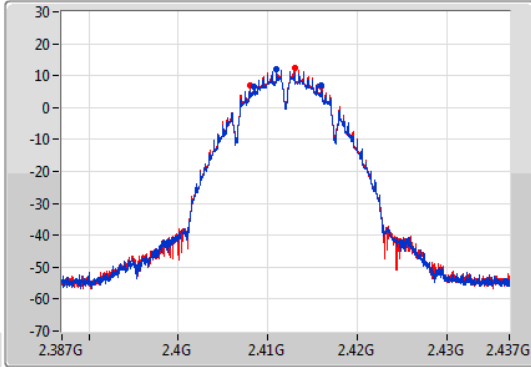
802.11b_Nss1,(1Mbps)_2TX

EBW

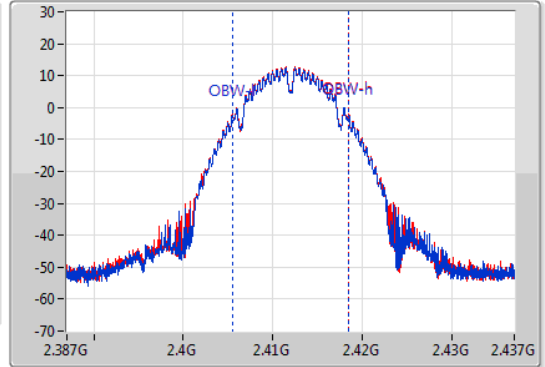
2412MHz

18/01/2022

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.408475G	2.416G	12.944M	2.405528G	2.418472G	500k	1
8.025M	2.408G	2.416025G	12.919M	2.405553G	2.418472G	500k	2

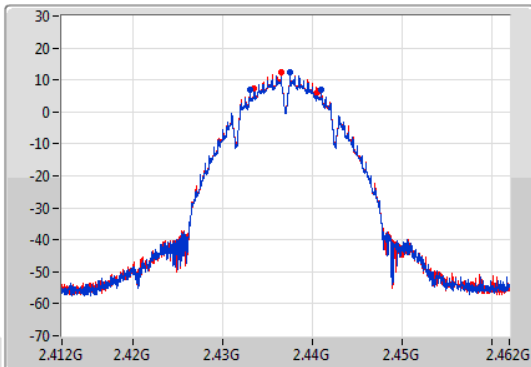
802.11b_Nss1,(1Mbps)_2TX

EBW

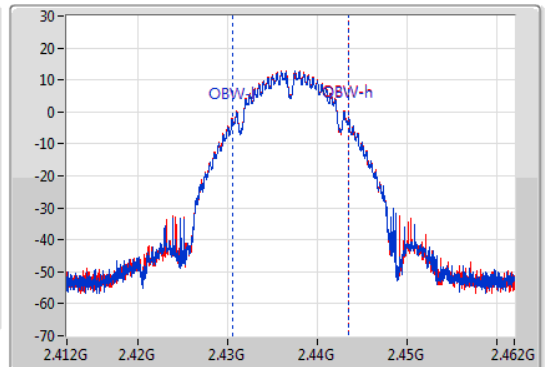
2437MHz

18/01/2022

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.433G	2.441G	12.969M	2.430528G	2.443497G	500k	1
7.075M	2.433475G	2.44055G	12.944M	2.430528G	2.443472G	500k	2

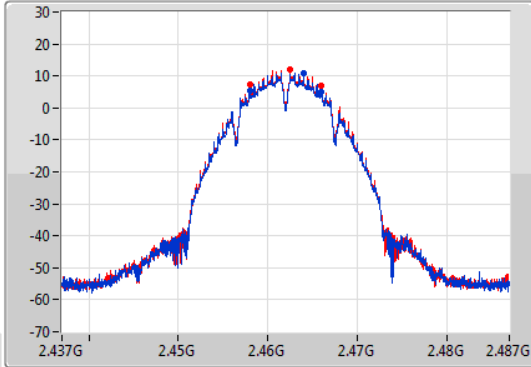
802.11b_Nss1,(1Mbps)_2TX

EBW

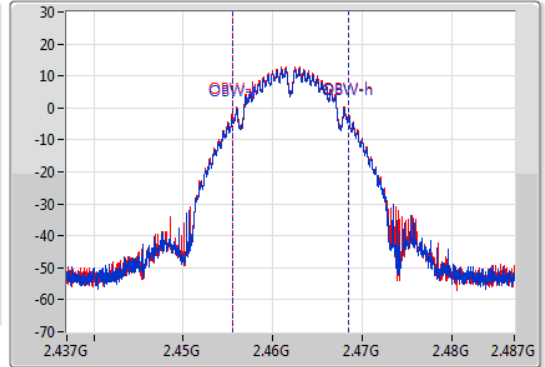
2462MHz

18/01/2022

CF
2.462GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.462GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.457975G	2.466025G	12.969M	2.455528G	2.468497G	500k	1
8M	2.458G	2.466G	12.969M	2.455528G	2.468497G	500k	2

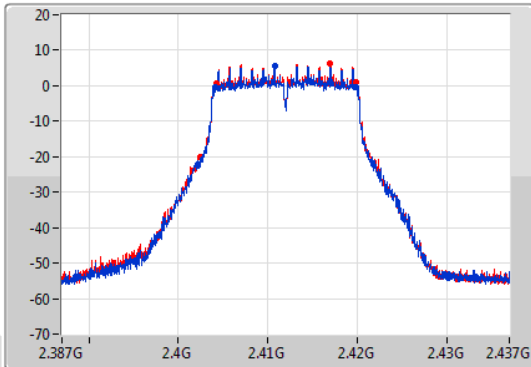
802.11g_Nss1,(6Mbps)_2TX

EBW

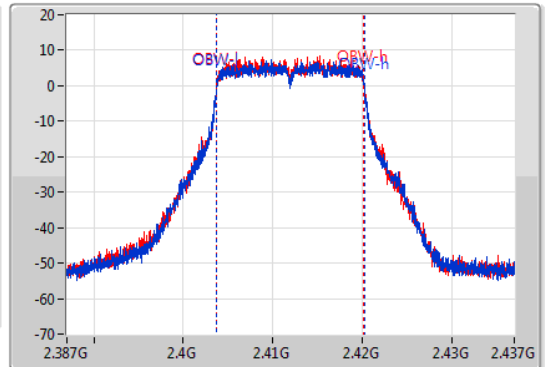
2412MHz

18/01/2022

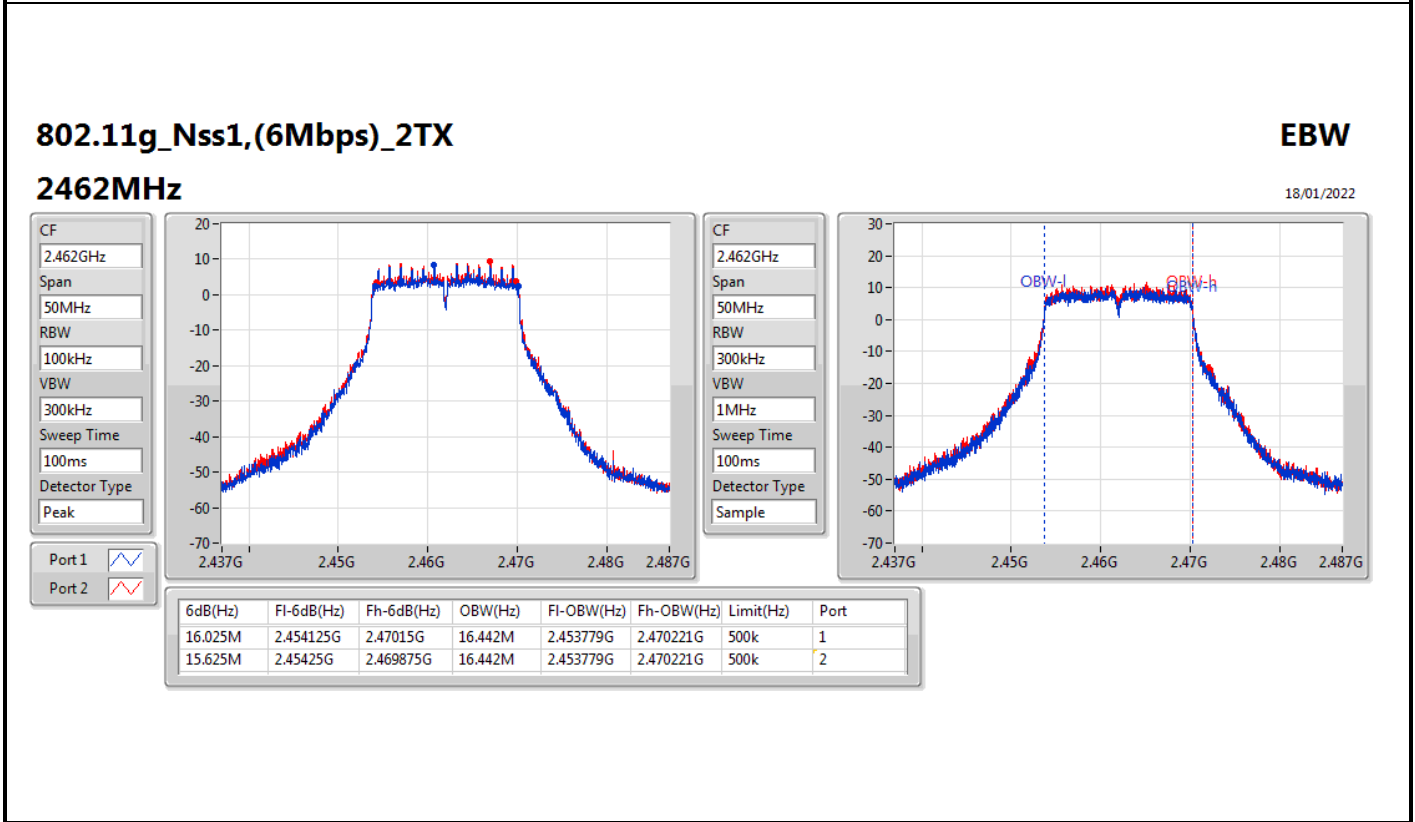
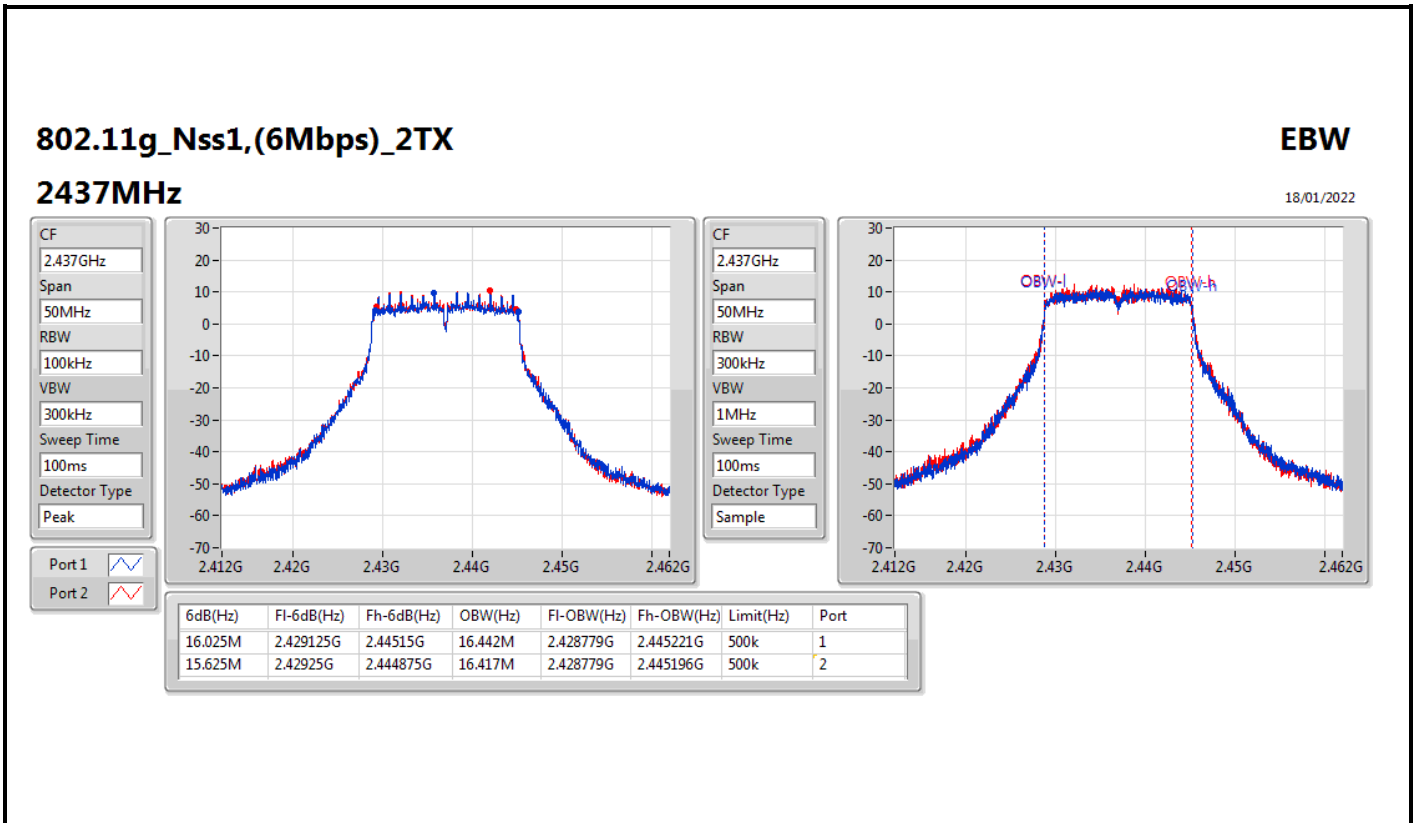
CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.8M	2.4041G	2.4199G	16.442M	2.403779G	2.420221G	500k	1
15.6M	2.40425G	2.41985G	16.417M	2.403779G	2.420196G	500k	2

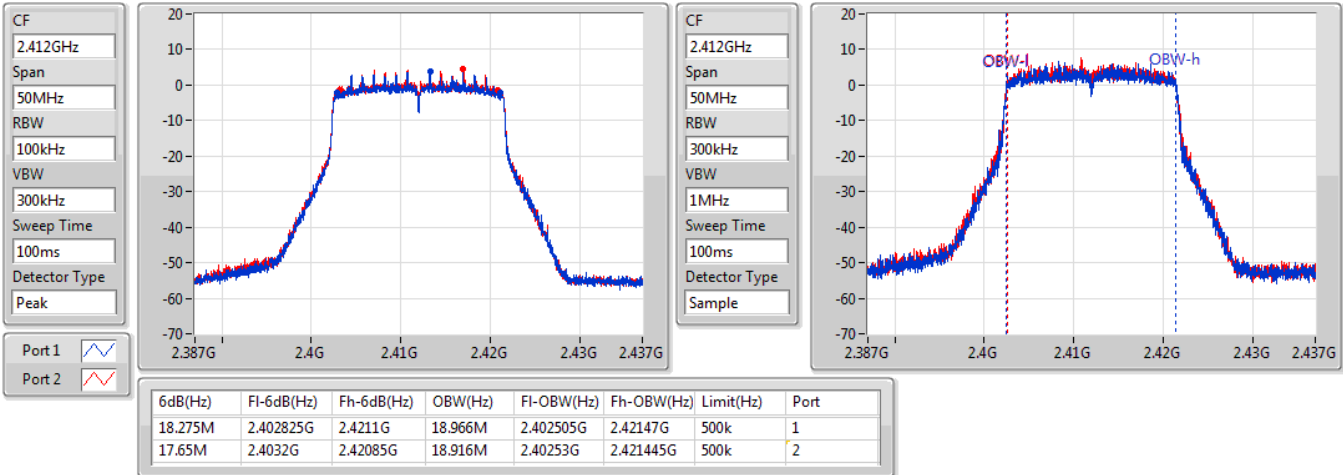


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

18/01/2022

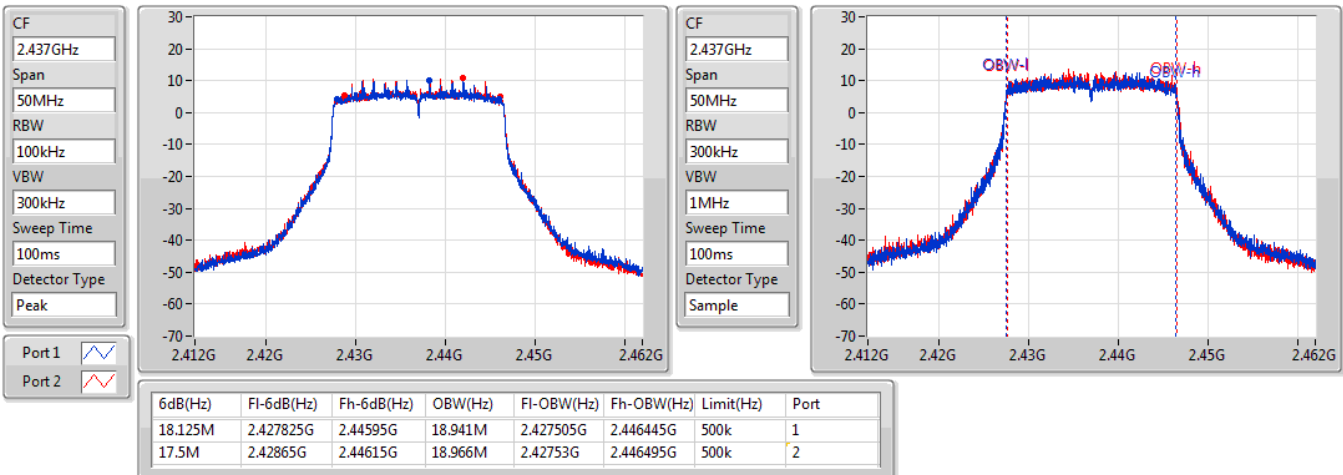


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

18/01/2022

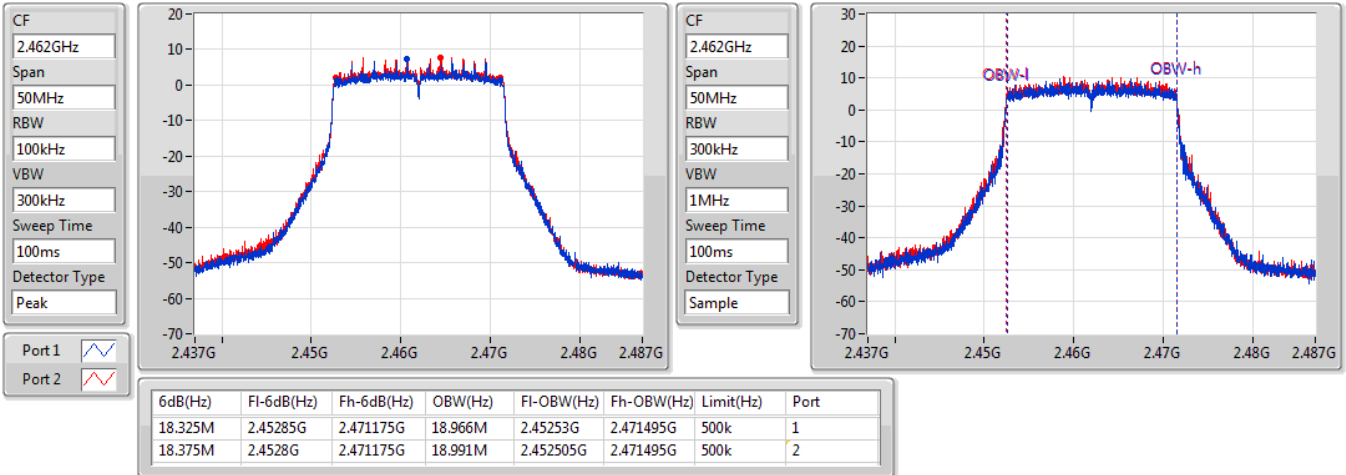


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

18/01/2022

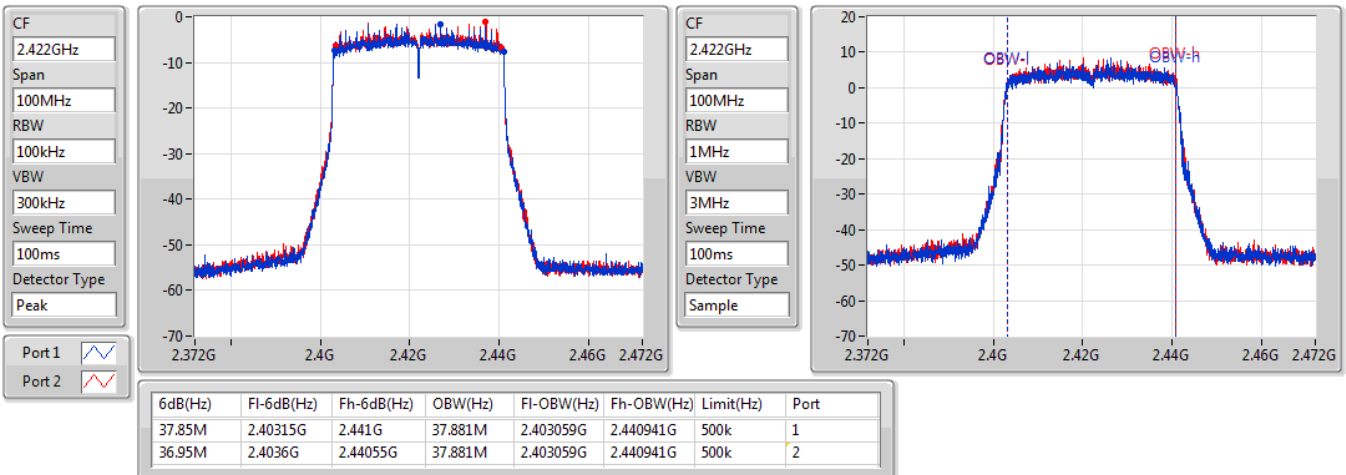


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

18/01/2022

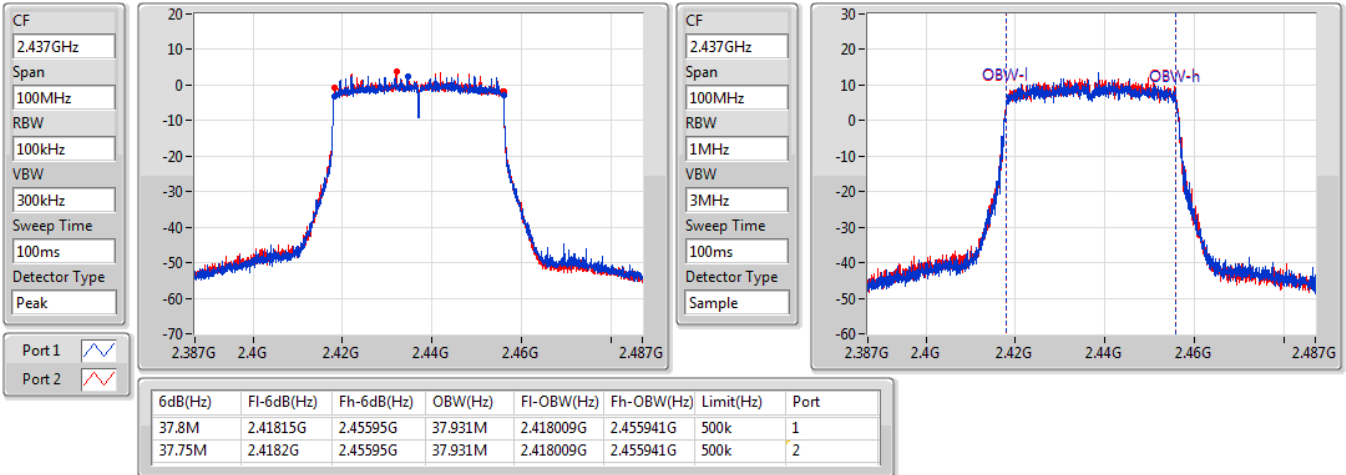


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

18/01/2022

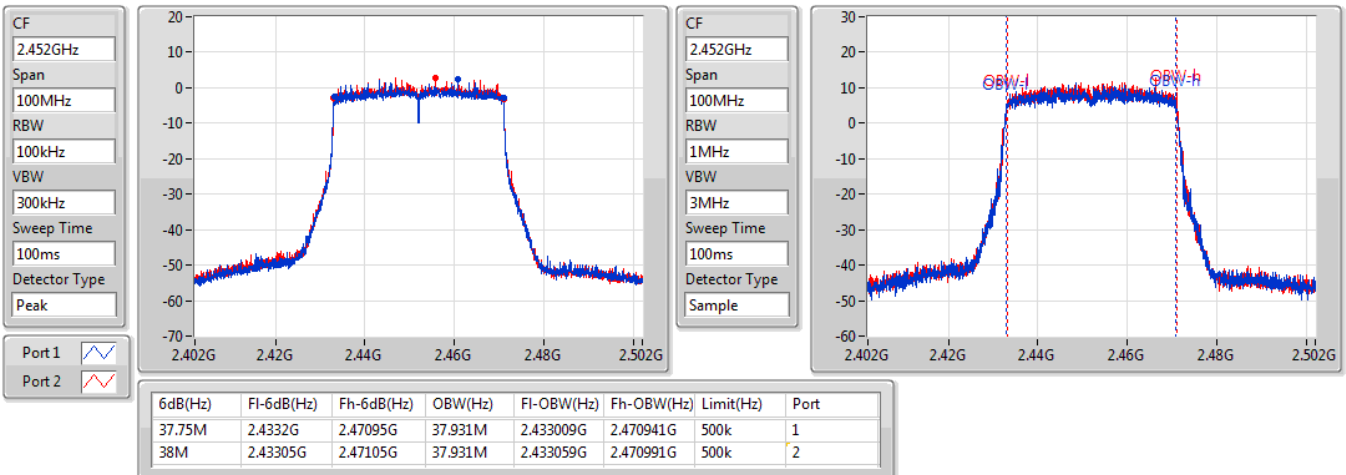


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

18/01/2022





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	18.95M	19.065M	19M1D1D	5.125M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.05M	38.231M	38M2D1D	35M	38.181M

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	18.9M	19.065M	18.675M	19.065M
2437MHz	Pass	500k	18.95M	19.065M	18.4M	19.04M
2462MHz	Pass	500k	5.125M	18.916M	7.475M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.05M	38.181M	35.65M	38.231M
2437MHz	Pass	500k	35M	38.181M	35.05M	38.231M
2452MHz	Pass	500k	35M	38.231M	36.55M	38.181M

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

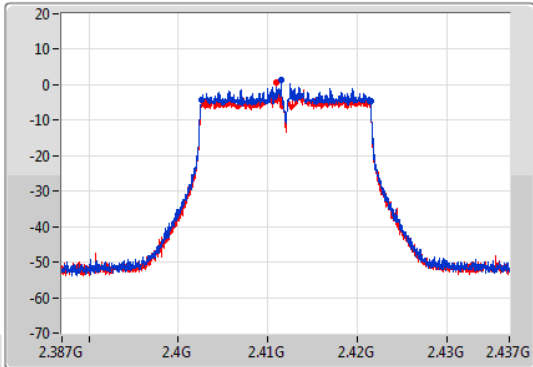
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

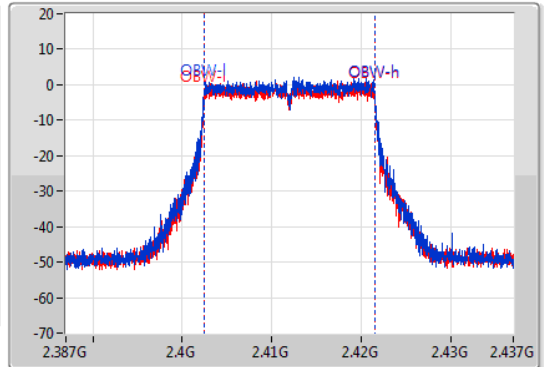
2412MHz

20/01/2022

CF
2.412GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.412GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.402625G	2.421525G	19.065M	2.402455G	2.42152G	500k	1
18.675M	2.402825G	2.4215G	19.065M	2.402455G	2.42152G	500k	2

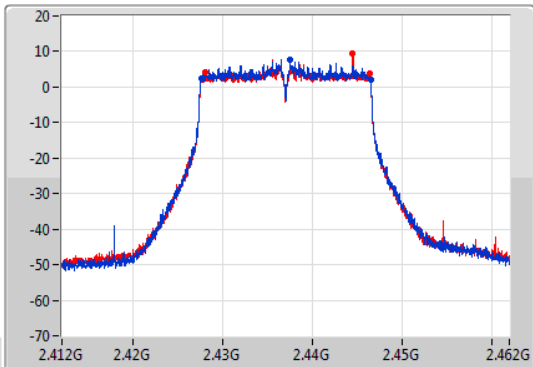
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

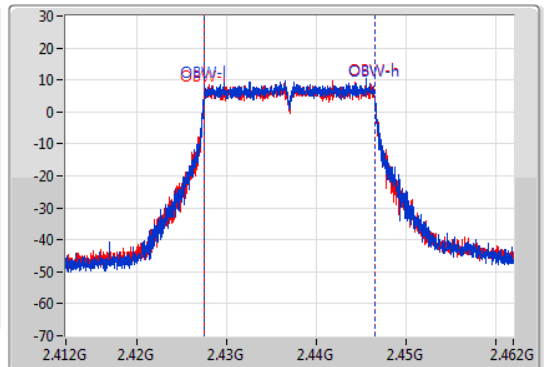
2437MHz

20/01/2022

CF
2.437GHz
Span
50MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



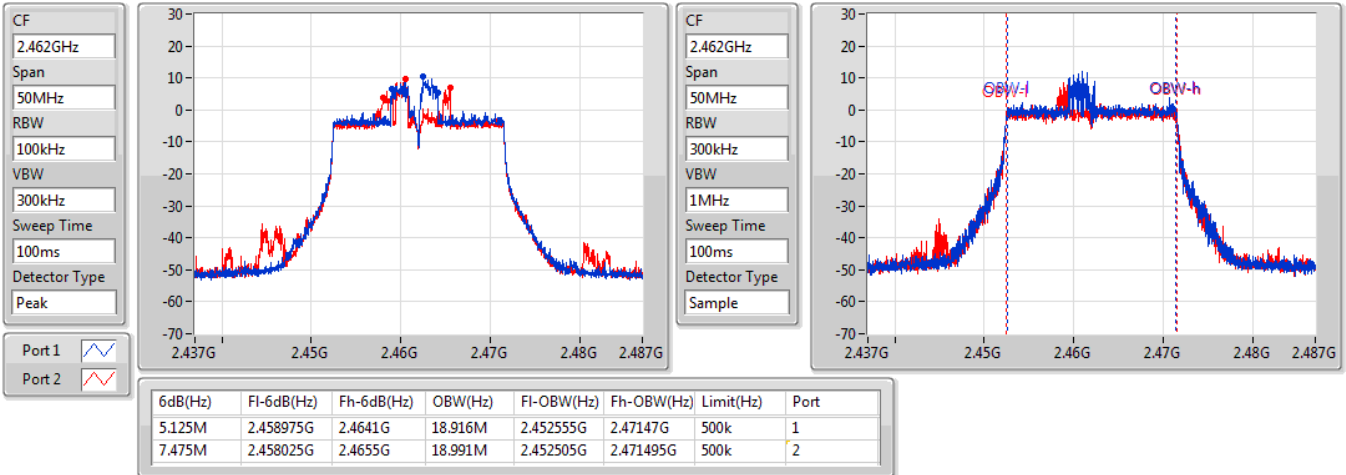
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.42755G	2.4465G	19.065M	2.427455G	2.44652G	500k	1
18.4M	2.428025G	2.446425G	19.04M	2.427455G	2.446495G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

20/01/2022

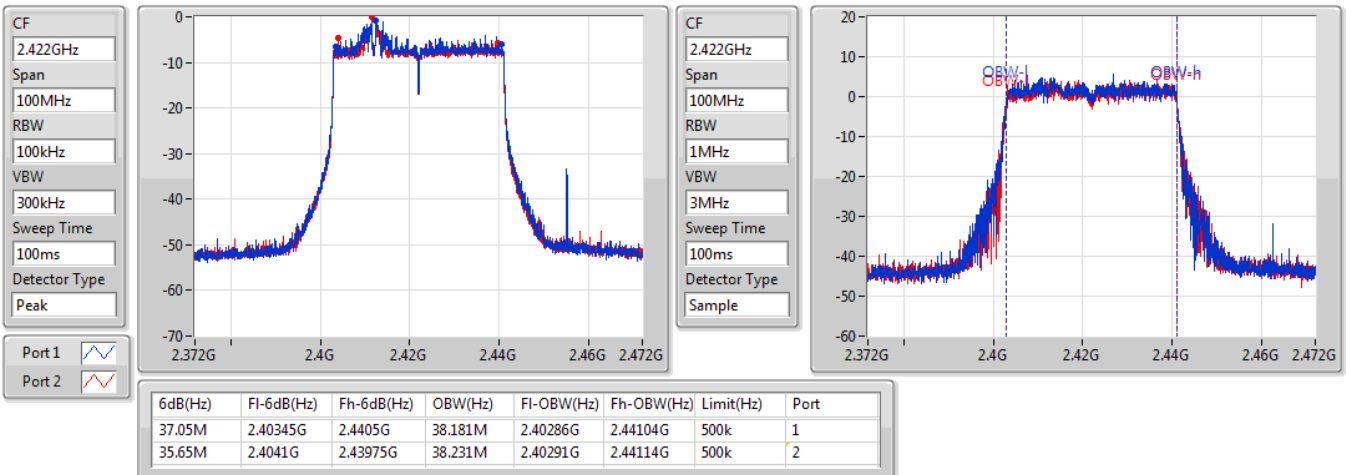


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

20/01/2022



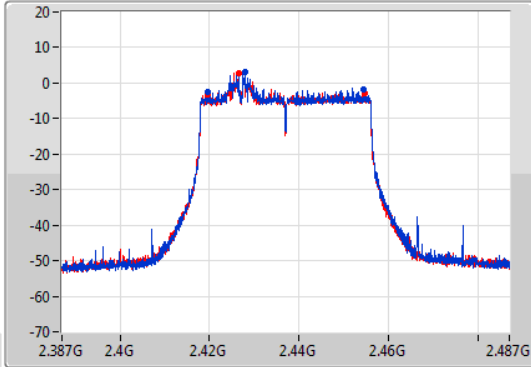
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

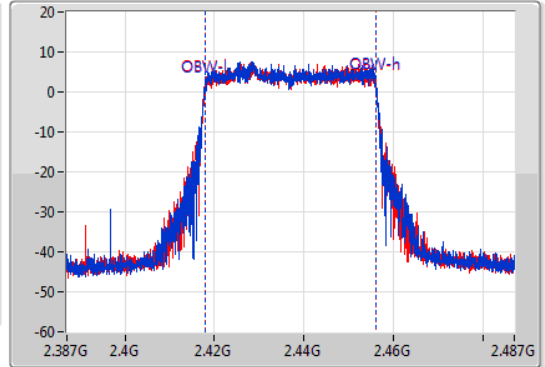
2437MHz

20/01/2022

CF
2.437GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.437GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	38.181M	2.41791G	2.45609G	500k	1
35.05M	2.4195G	2.45455G	38.231M	2.41786G	2.45609G	500k	2

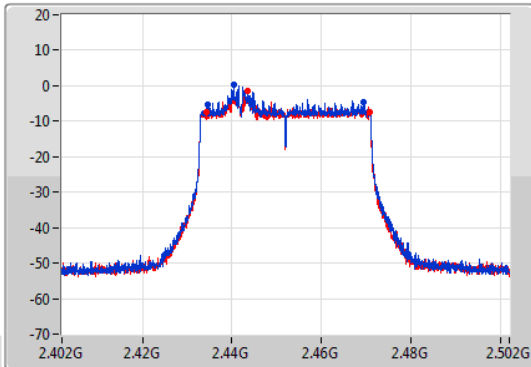
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

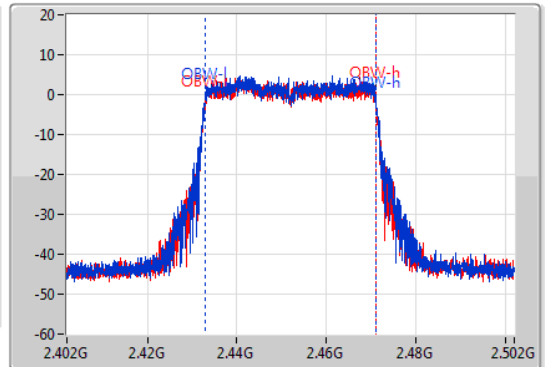
2452MHz

20/01/2022

CF
2.452GHz
Span
100MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak



CF
2.452GHz
Span
100MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	38.231M	2.43286G	2.47109G	500k	1
36.55M	2.4343G	2.47085G	38.181M	2.43291G	2.47109G	500k	2



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.41	0.21928
802.11g_Nss1,(6Mbps)_2TX	23.49	0.22336
802.11ax HEW20_Nss1,(MCS0)_2TX	23.48	0.22284
802.11ax HEW40_Nss1,(MCS0)_2TX	20.37	0.10889



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.90	19.95	20.38	23.18	24.10
2417MHz	Pass	11.90	19.90	20.34	23.14	24.10
2437MHz	Pass	11.90	20.30	20.50	23.41	24.10
2462MHz	Pass	11.90	19.75	20.62	23.22	24.10
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.90	15.87	16.42	19.16	24.10
2417MHz	Pass	11.90	19.29	19.85	22.59	24.10
2437MHz	Pass	11.90	20.24	20.70	23.49	24.10
2457MHz	Pass	11.90	19.92	20.73	23.35	24.10
2462MHz	Pass	11.90	18.76	19.60	22.21	24.10
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.90	14.00	14.46	17.25	24.10
2417MHz	Pass	11.90	18.36	19.02	21.71	24.10
2437MHz	Pass	11.90	20.29	20.64	23.48	24.10
2457MHz	Pass	11.90	19.94	20.67	23.33	24.10
2462MHz	Pass	11.90	17.30	18.05	20.70	24.10
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.90	12.43	12.80	15.63	24.10
2427MHz	Pass	11.90	13.39	13.76	16.59	24.10
2437MHz	Pass	11.90	17.20	17.51	20.37	24.10
2447MHz	Pass	11.90	16.81	17.10	19.97	24.10
2452MHz	Pass	11.90	16.29	16.99	19.66	24.10

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	20.67	0.11668
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.15	0.04121



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	14.81	10.24	9.61	12.95	21.19
2417MHz	Pass	14.81	11.52	10.59	14.09	21.19
2437MHz	Pass	14.81	18.02	17.27	20.67	21.19
2457MHz	Pass	14.81	14.20	13.88	17.05	21.19
2462MHz	Pass	14.81	11.23	10.43	13.86	21.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.81	10.54	10.22	13.39	21.19
2427MHz	Pass	14.81	10.70	10.14	13.44	21.19
2437MHz	Pass	14.81	13.19	13.09	16.15	21.19
2447MHz	Pass	14.81	11.04	10.91	13.99	21.19
2452MHz	Pass	14.81	10.58	9.96	13.29	21.19

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.09
802.11g_Nss1,(6Mbps)_2TX	-5.16
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.20
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.94

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	14.81	-7.88	-7.05	-4.44	-0.81
2437MHz	Pass	14.81	-3.83	-4.30	-1.09	-0.81
2462MHz	Pass	14.81	-3.86	-3.66	-1.90	-0.81
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.81	-12.32	-10.95	-9.43	-0.81
2437MHz	Pass	14.81	-7.60	-6.96	-5.16	-0.81
2462MHz	Pass	14.81	-8.70	-8.43	-6.22	-0.81
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.81	-13.01	-10.56	-9.83	-0.81
2437MHz	Pass	14.81	-4.87	-5.93	-4.20	-0.81
2462MHz	Pass	14.81	-9.51	-9.31	-7.84	-0.81
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.81	-16.93	-17.34	-15.00	-0.81
2437MHz	Pass	14.81	-12.42	-11.27	-10.36	-0.81
2452MHz	Pass	14.81	-12.46	-11.88	-9.94	-0.81

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

18/01/2022

CF
2.412GHz

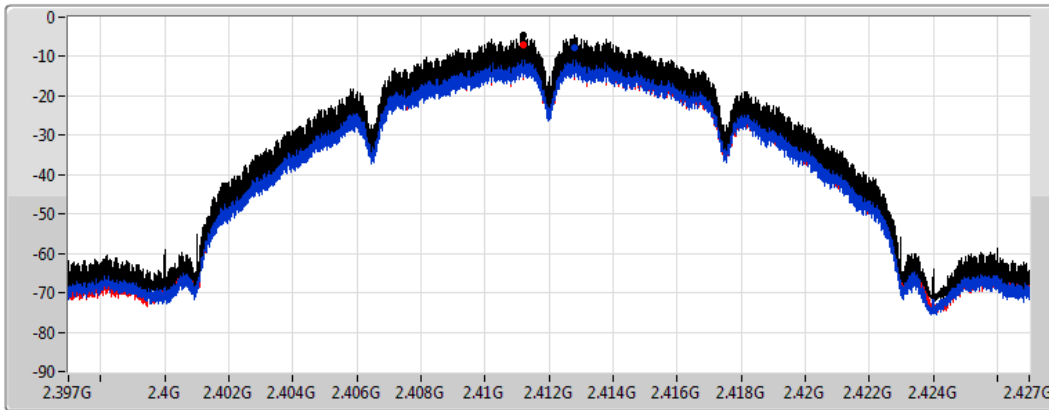
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.44	-4.44	-7.88	-7.05

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

18/01/2022

CF
2.437GHz

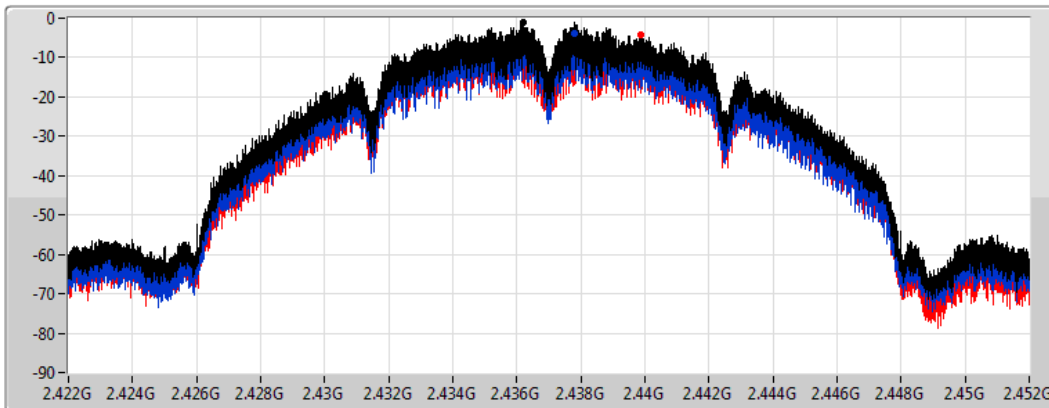
Span
30MHz


RBW
3kHz


VBW
10kHz


Sweep Time
4.424357ms

Detector Type
Peak



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-3.83	-4.30

802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

18/01/2022

CF
2.462GHz

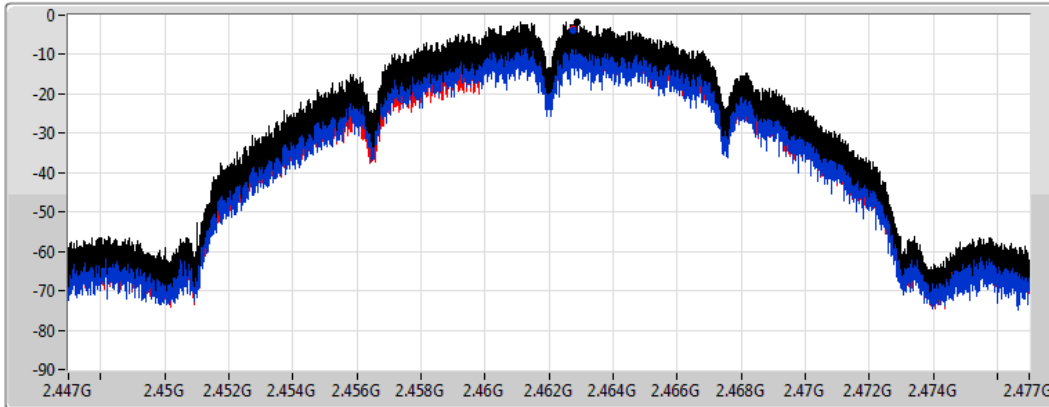
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.90	-1.90	-3.86	-3.66

802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

18/01/2022

CF
2.412GHz

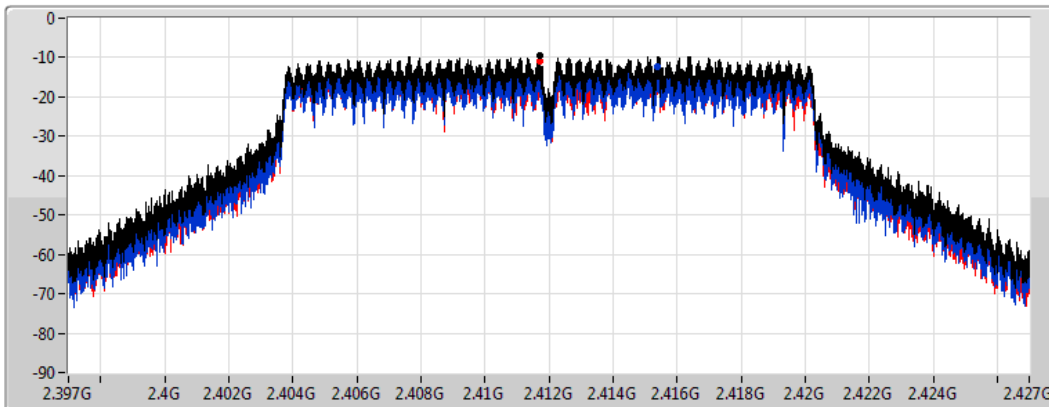
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.43	-9.43	-12.32	-10.95

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

18/01/2022

CF
2.437GHz

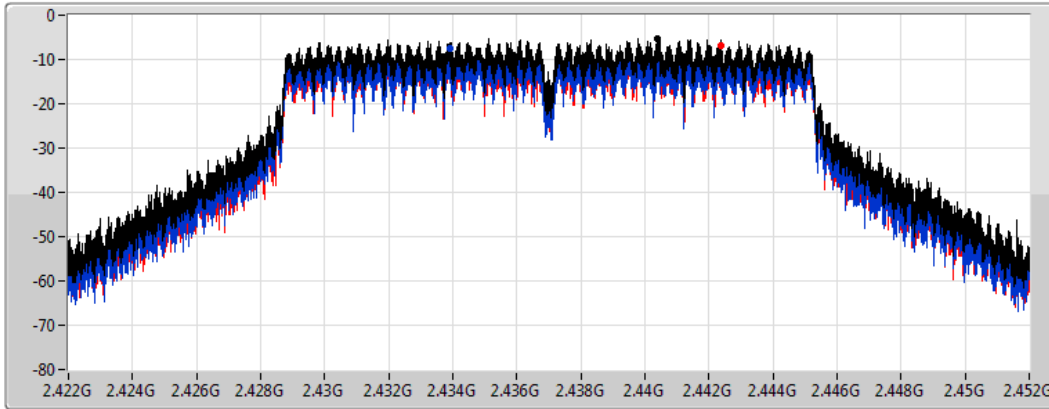
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.16	-5.16	-7.60	-6.96

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

18/01/2022

CF
2.462GHz

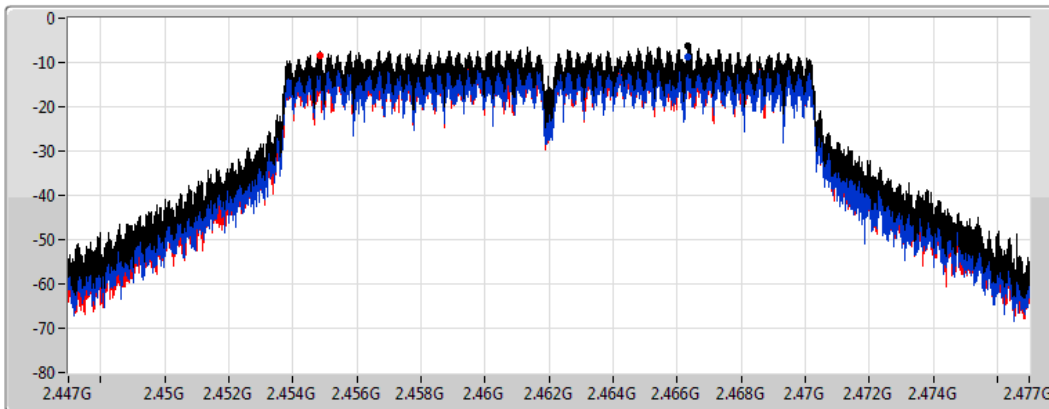
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.22	-6.22	-8.70	-8.43

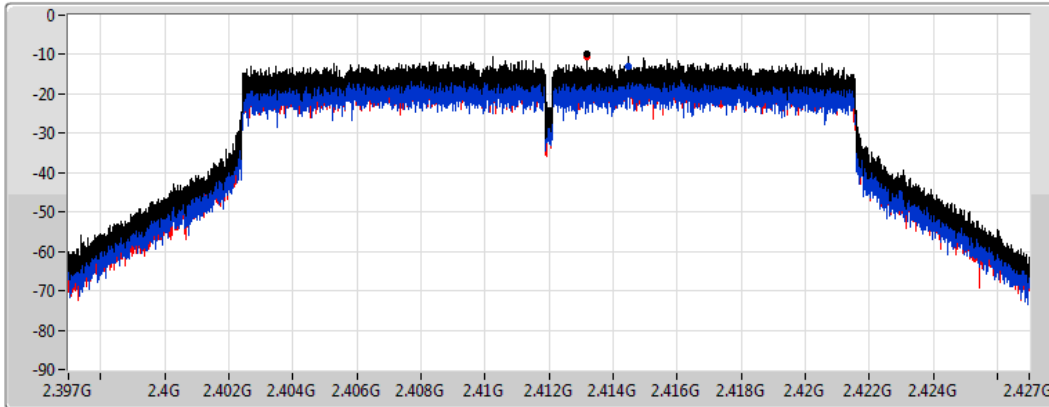
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

18/01/2022

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.83	-9.83	-13.01	-10.56

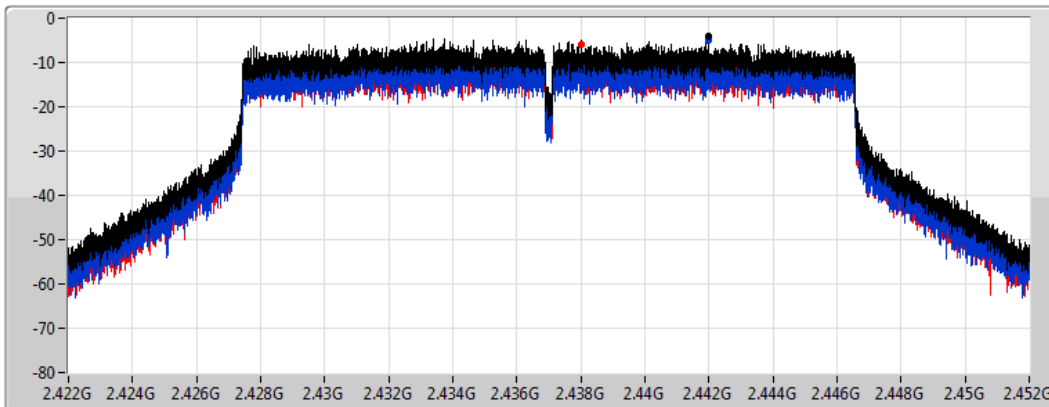
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

18/01/2022

CF
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-4.87	-5.93

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

18/01/2022

CF
2.462GHz

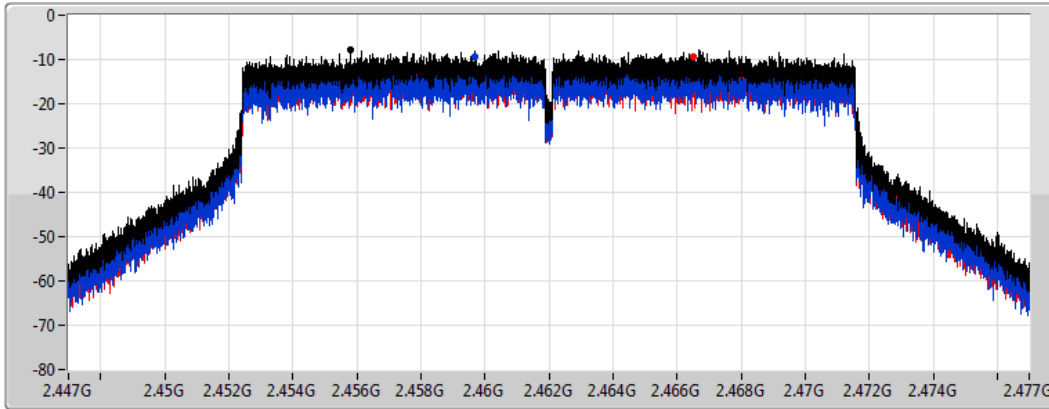
Span
30MHz

RBW
3kHz

VBW
10kHz

Sweep Time
4.424357ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.84	-7.84	-9.51	-9.31

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

18/01/2022

CF
2.422GHz

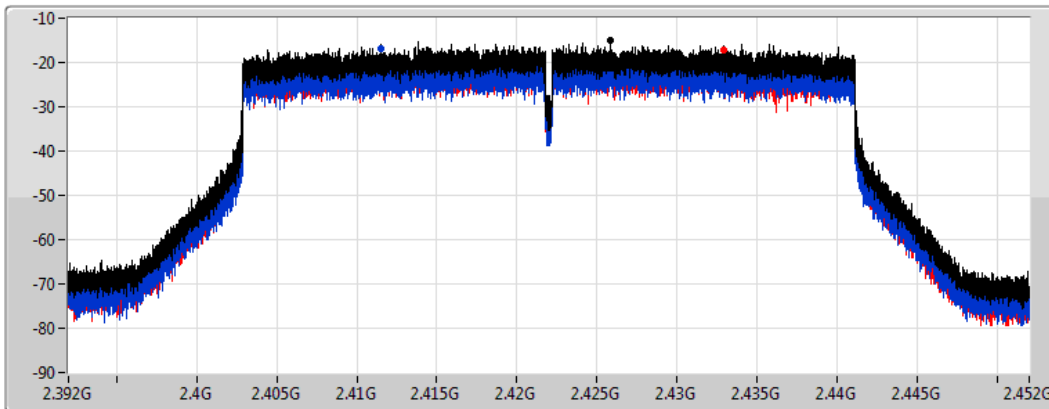
Span
60MHz

RBW
3kHz

VBW
10kHz

Sweep Time
8.848933ms

Detector Type
Peak



Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.00	-15.00	-16.93	-17.34

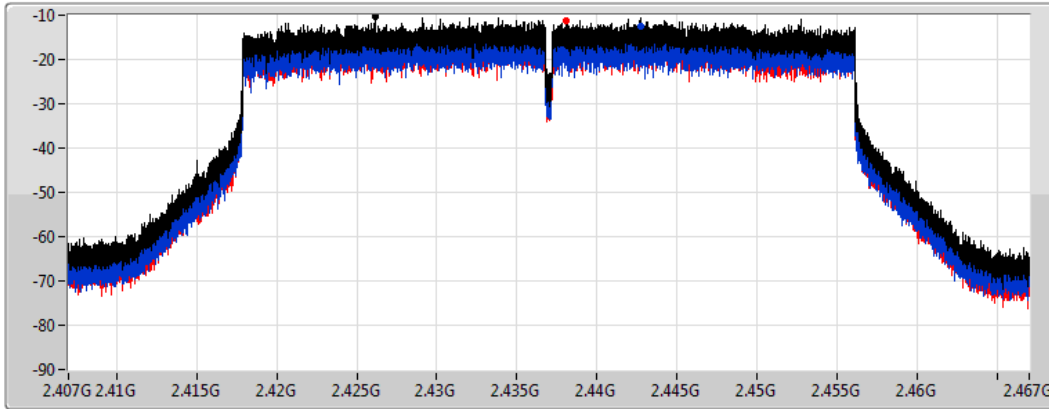
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

18/01/2022

CF
2.437GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.36	-10.36	-12.42	-11.27

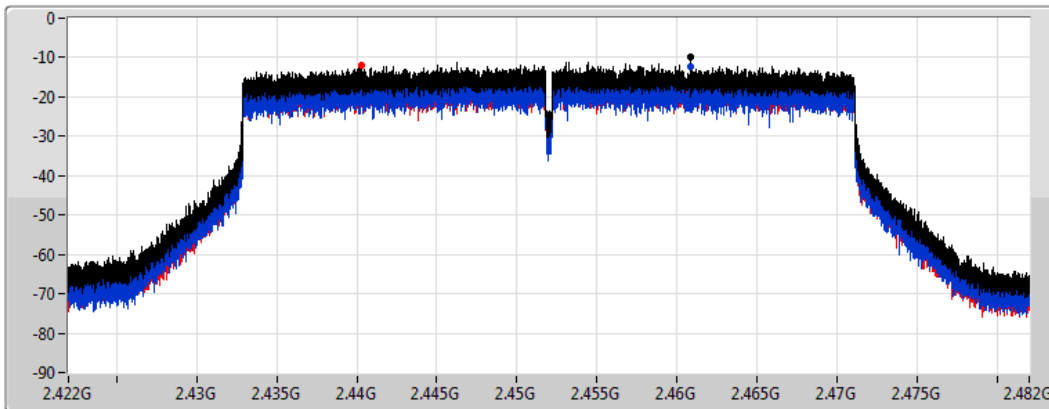
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

18/01/2022

CF
2.452GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.94	-9.94	-12.46	-11.88



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-7.55
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-15.16

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	14.81	-14.24	-17.62	-13.94	-0.81
2437MHz	Pass	14.81	-9.28	-8.95	-7.55	-0.81
2462MHz	Pass	14.81	-16.51	-17.34	-14.58	-0.81
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.81	-19.80	-20.25	-17.99	-0.81
2437MHz	Pass	14.81	-16.92	-16.63	-15.16	-0.81
2452MHz	Pass	14.81	-19.88	-20.21	-17.96	-0.81

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;

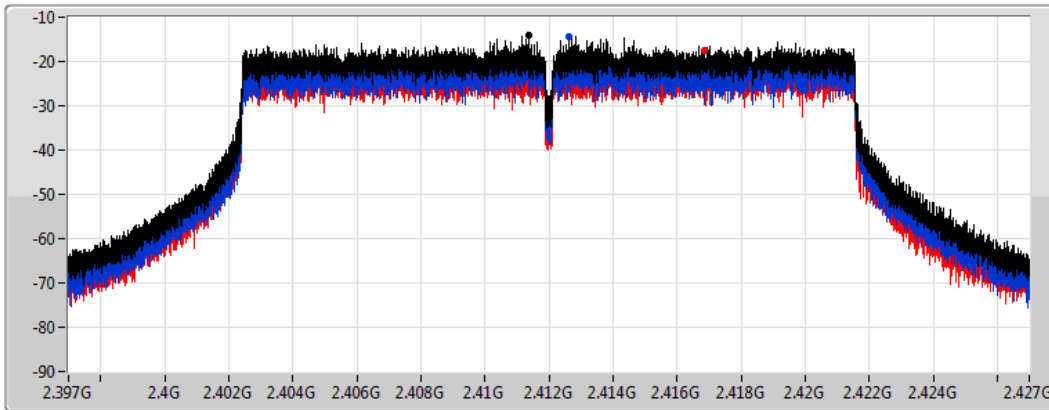
802.11ax HEW20-BF_Nss1,(MCS0)_2TX




PSD

2412MHz

20/01/2022

CF
2.412GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.94	-13.94	-14.24	-17.62

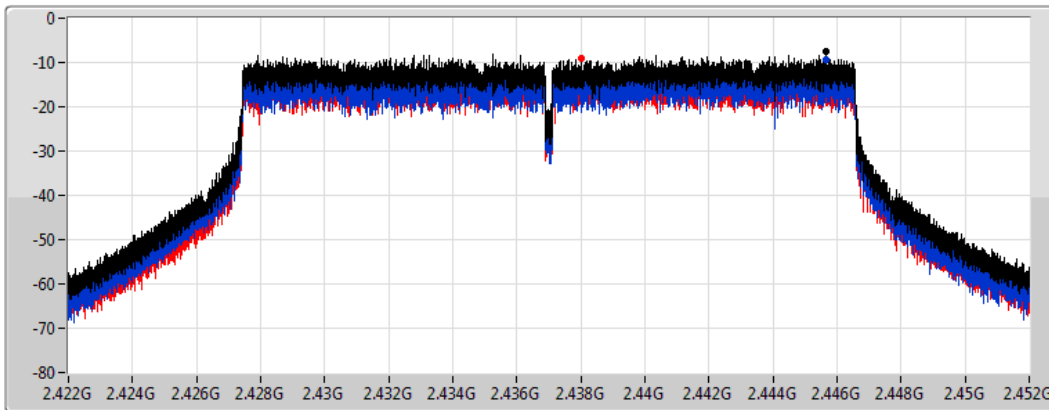
802.11ax HEW20-BF_Nss1,(MCS0)_2TX




PSD

2437MHz

20/01/2022

CF
2.437GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum 
Port 1 
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.55	-7.55	-9.28	-8.95

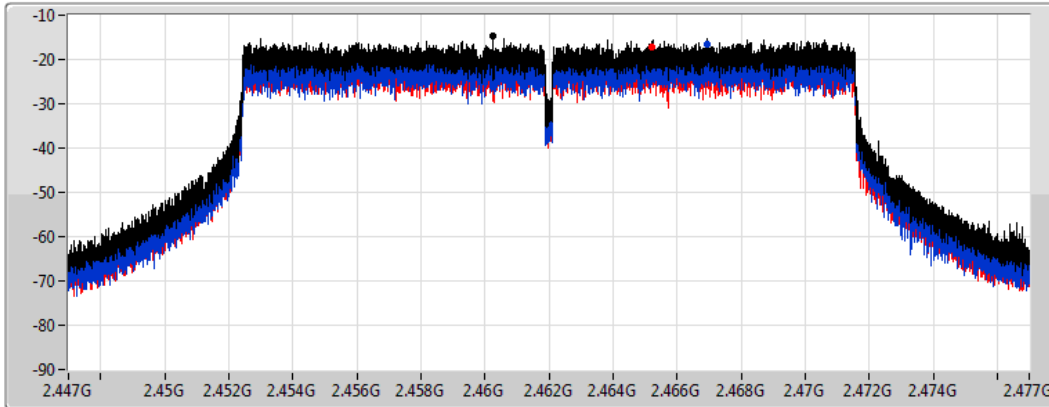
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

20/01/2022

CF
2.462GHz
Span
30MHz
RBW
3kHz
VBW
10kHz
Sweep Time
4.424357ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.58	-14.58	-16.51	-17.34

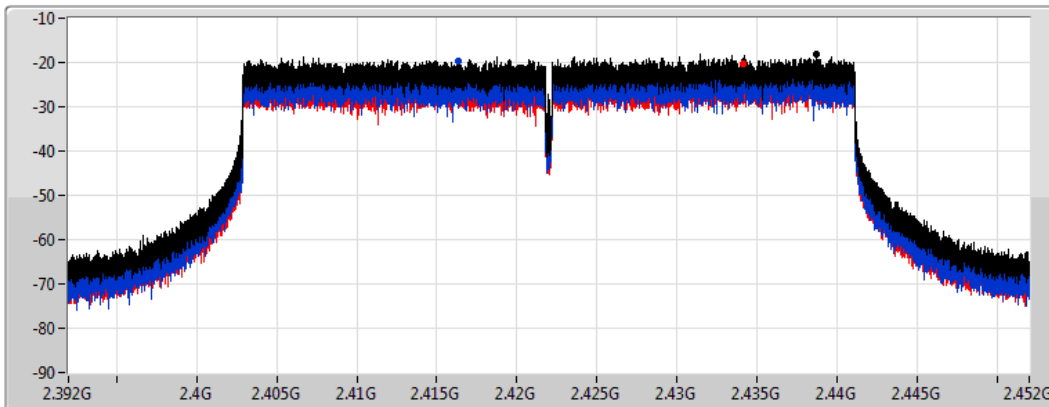
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

20/01/2022

CF
2.422GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.99	-17.99	-19.80	-20.25

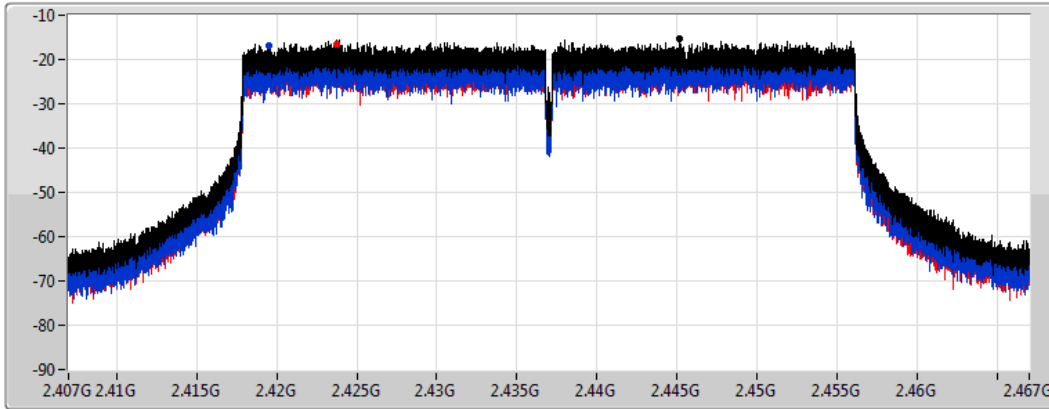
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

20/01/2022

CF
2.437GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.16	-15.16	-16.92	-16.63

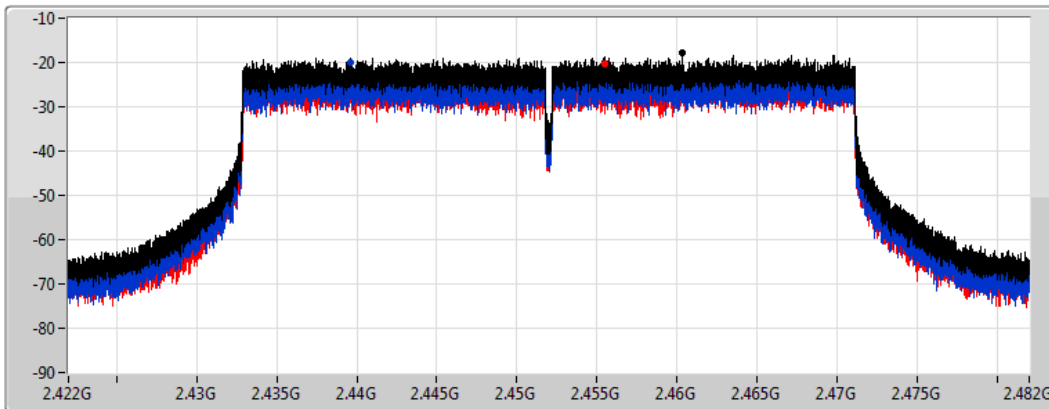
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

20/01/2022

CF
2.452GHz
Span
60MHz
RBW
3kHz
VBW
10kHz
Sweep Time
8.848933ms
Detector Type
Peak



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.96	-17.96	-19.88	-20.21



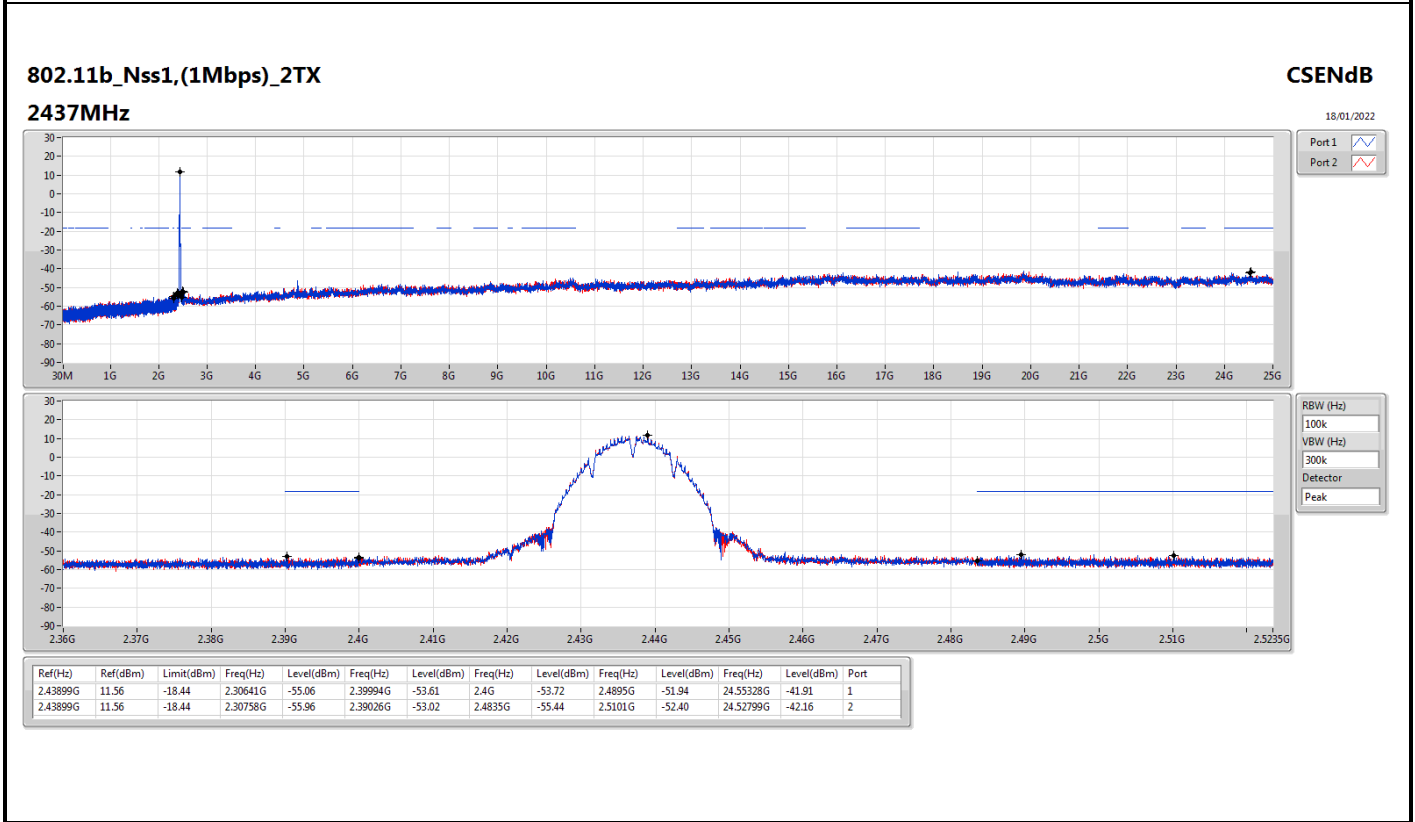
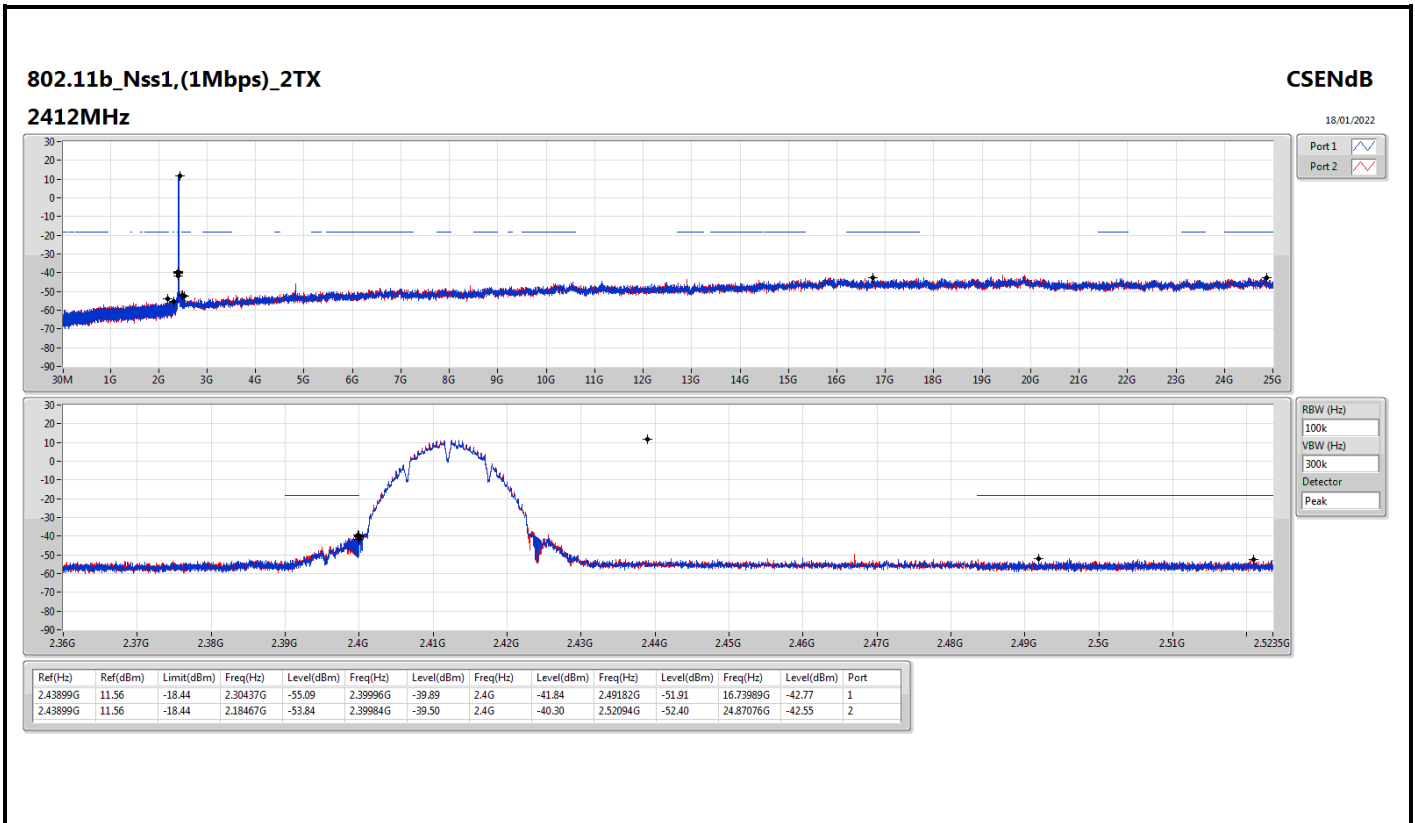
Summary

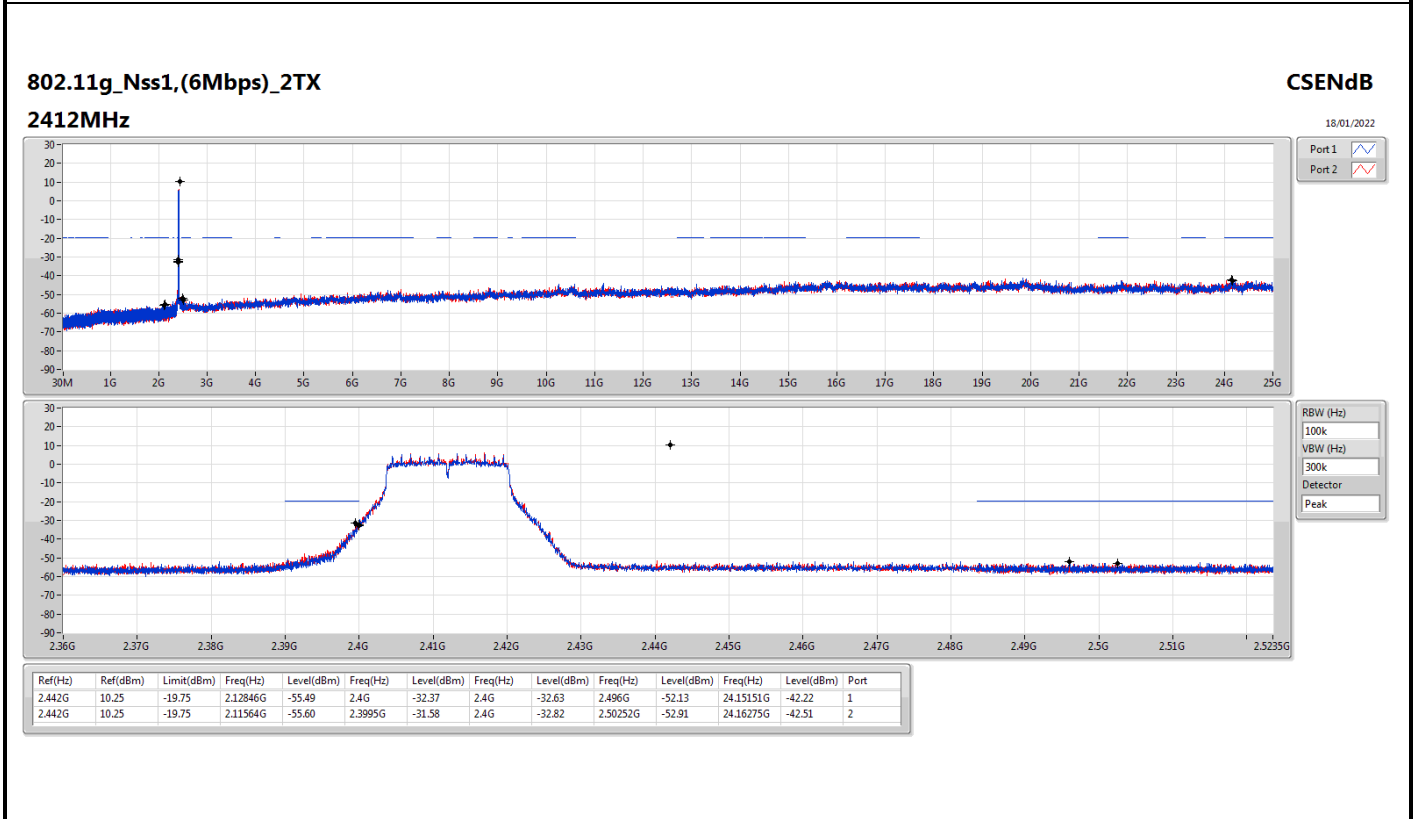
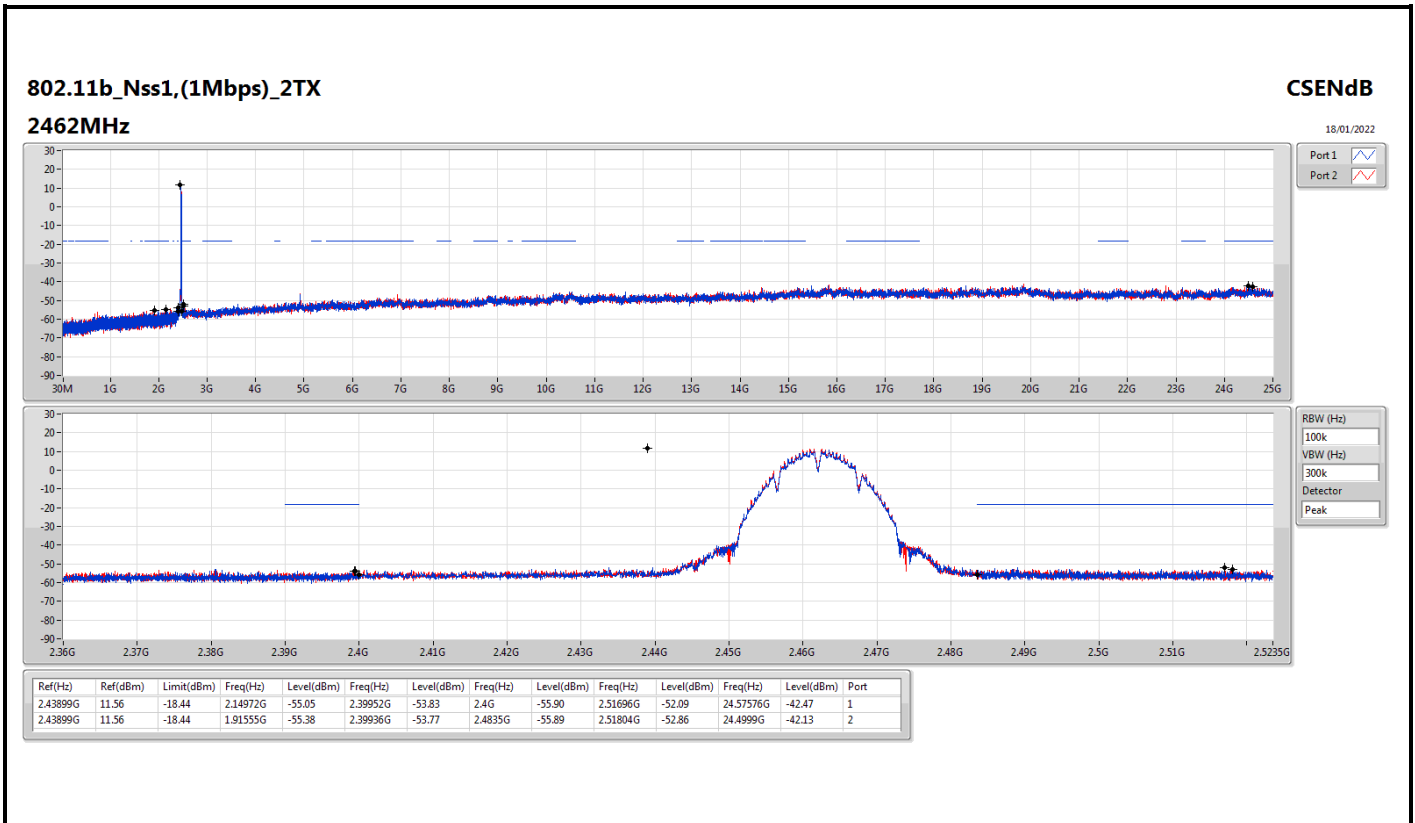
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43899G	11.56	-18.44	2.18467G	-53.84	2.39984G	-39.50	2.4G	-40.30	2.52094G	-52.40	24.87076G	-42.55	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	10.25	-19.75	2.11564G	-55.60	2.3995G	-31.58	2.4G	-32.82	2.50252G	-52.91	24.16275G	-42.51	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43828G	9.98	-20.02	1.98749G	-55.80	2.39998G	-31.85	2.4G	-31.59	2.50896G	-52.71	24.16837G	-42.24	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.442G	3.39	-26.61	2.10045G	-54.94	2.39984G	-36.85	2.4G	-36.59	2.51874G	-53.42	24.5681G	-42.83	2

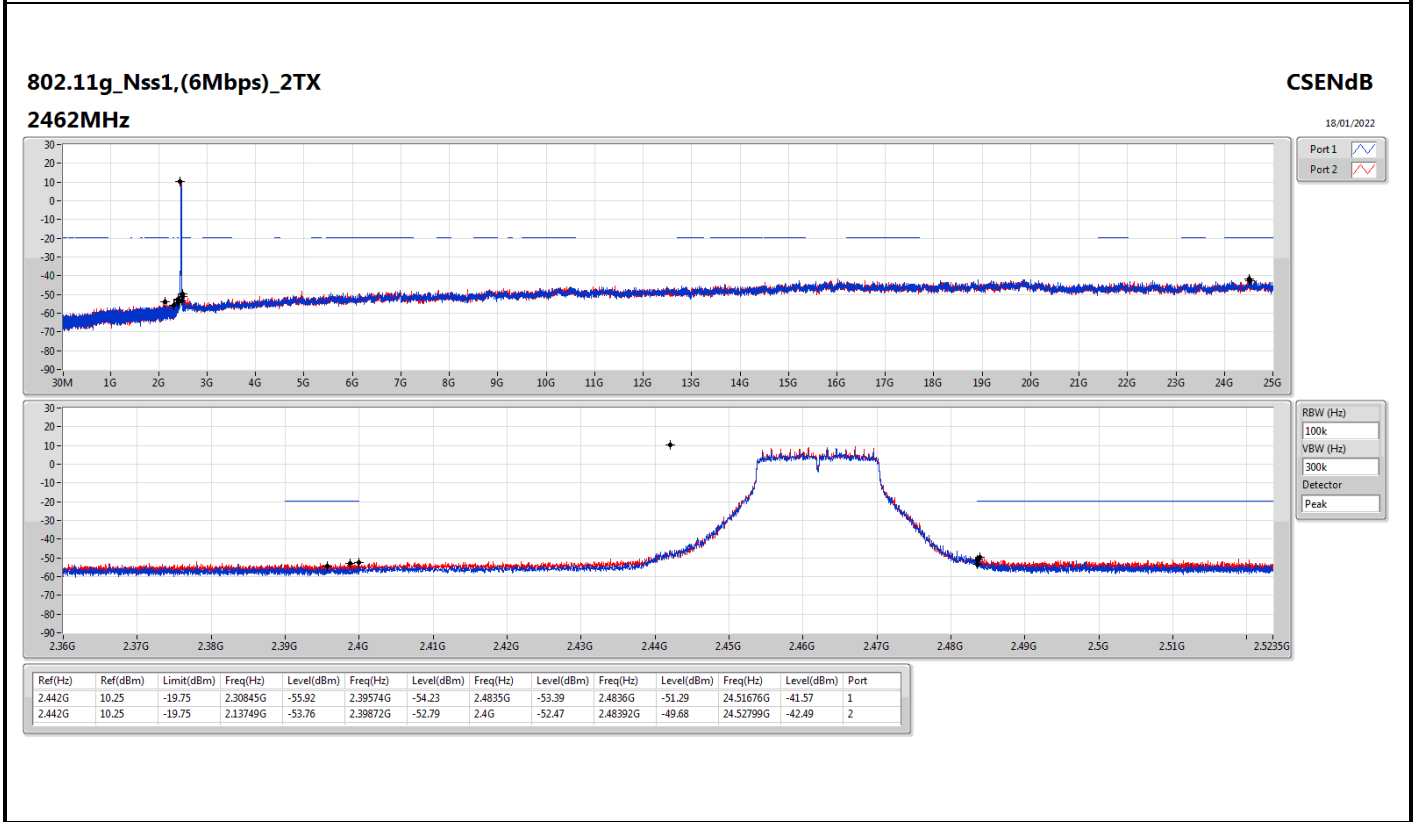
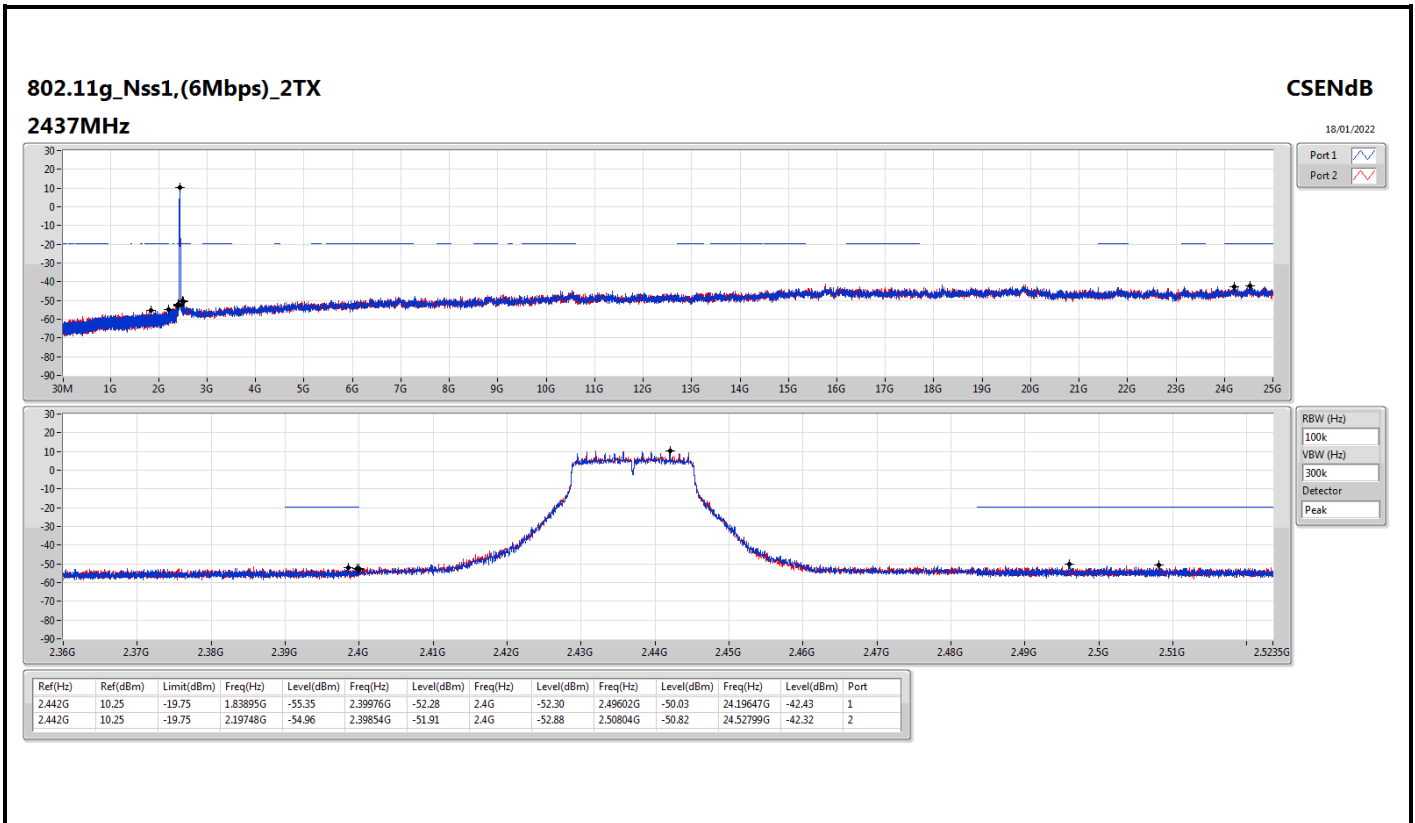


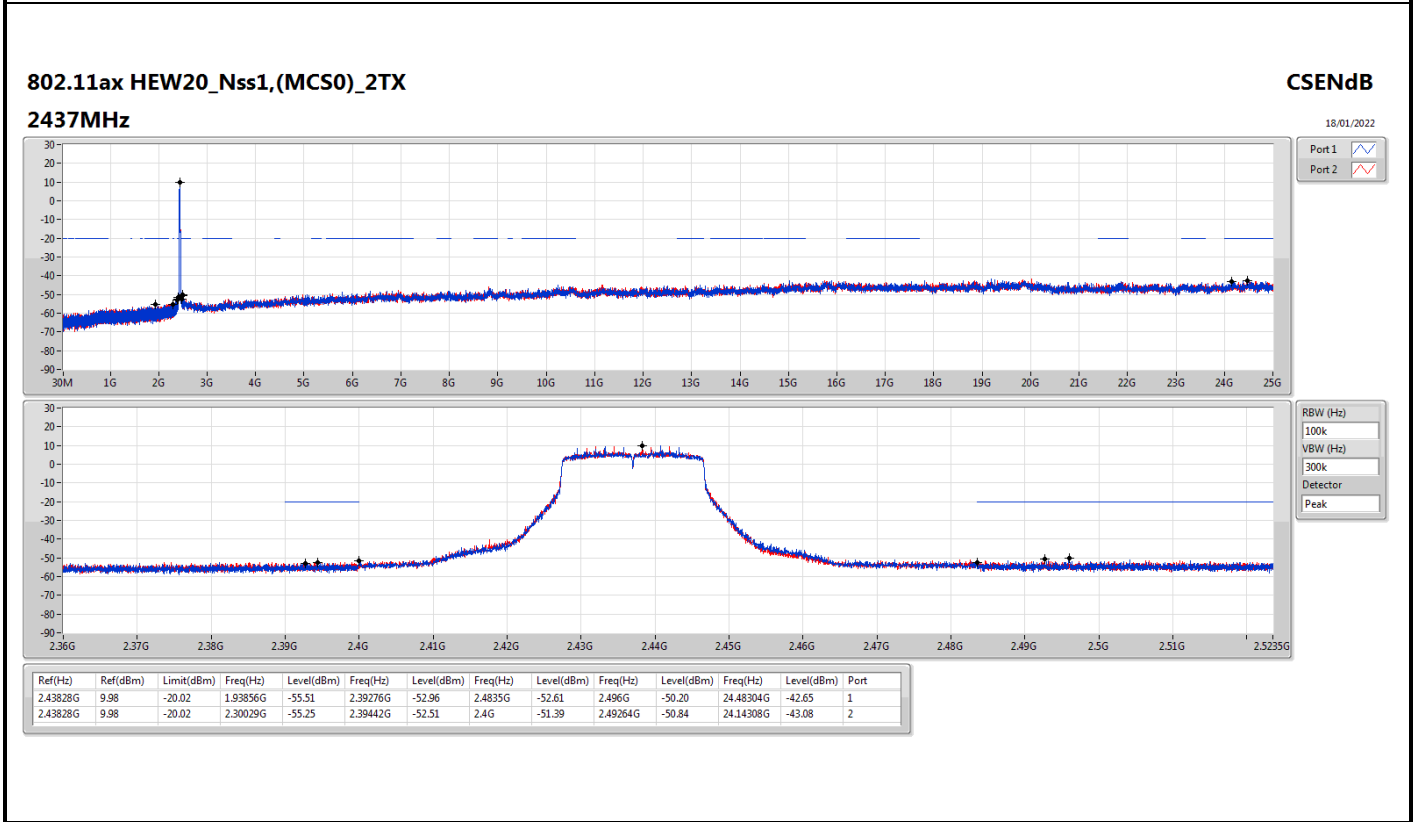
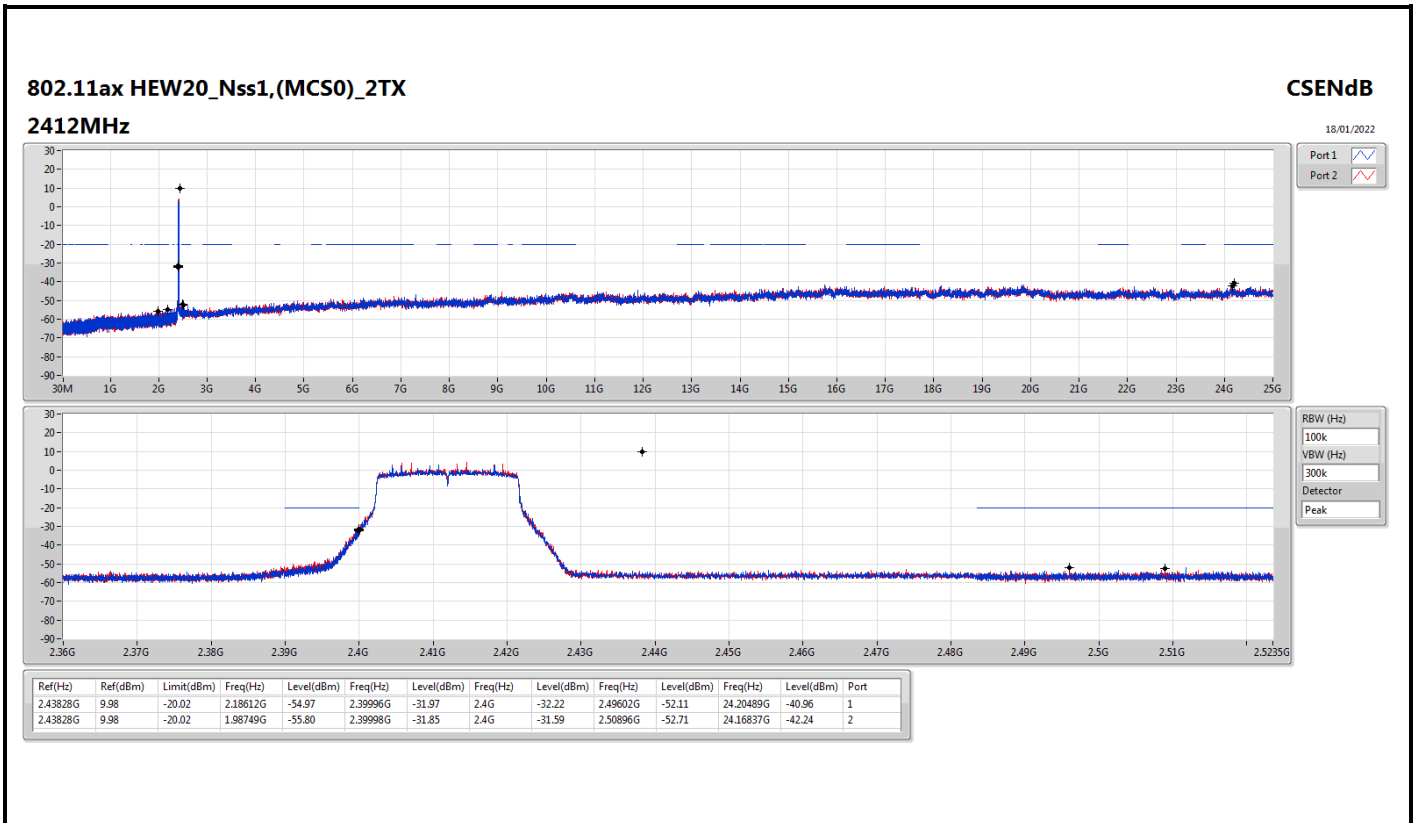
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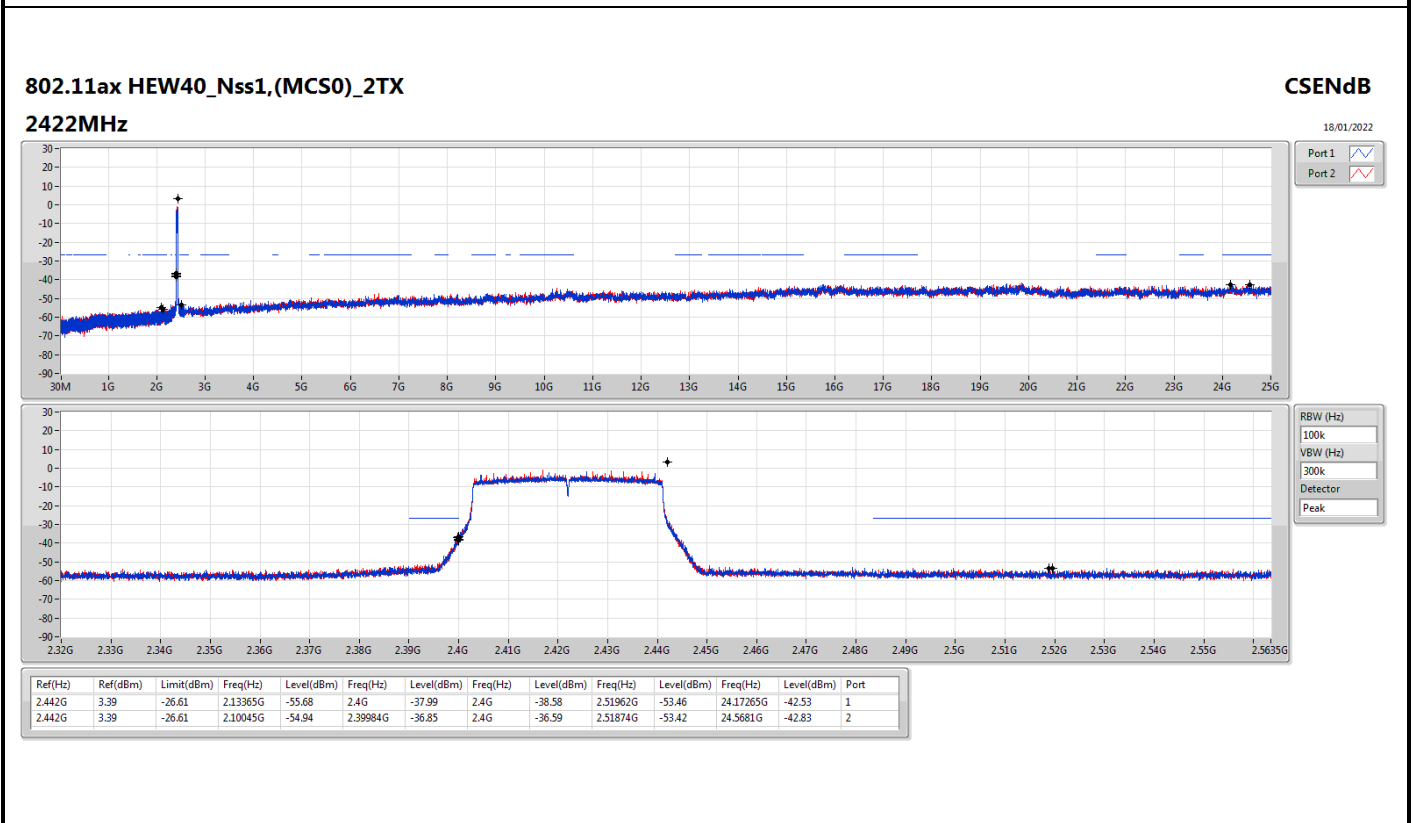
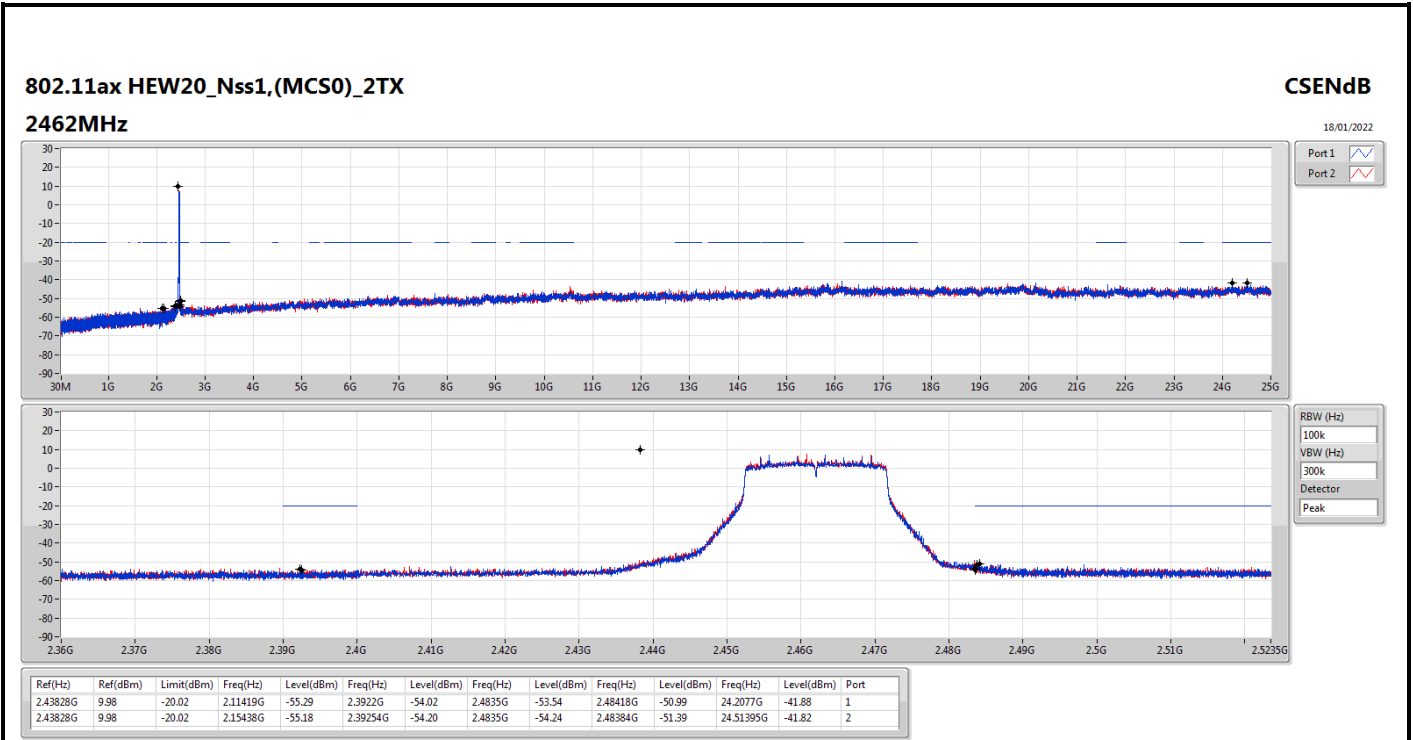
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43899G	11.56	-18.44	2.30437G	-55.09	2.39996G	-39.89	2.4G	-41.84	2.49182G	-51.91	16.73989G	-42.77	1
2412MHz	Pass	2.43899G	11.56	-18.44	2.18467G	-53.84	2.39984G	-39.50	2.4G	-40.30	2.52094G	-52.40	24.87076G	-42.55	2
2437MHz	Pass	2.43899G	11.56	-18.44	2.30641G	-55.06	2.39994G	-53.61	2.4G	-53.72	2.4895G	-51.94	24.55328G	-41.91	1
2437MHz	Pass	2.43899G	11.56	-18.44	2.30758G	-55.96	2.39026G	-53.02	2.4835G	-55.44	2.5101G	-52.40	24.52799G	-42.16	2
2462MHz	Pass	2.43899G	11.56	-18.44	2.14972G	-55.05	2.39952G	-53.83	2.4G	-55.90	2.51696G	-52.09	24.57576G	-42.47	1
2462MHz	Pass	2.43899G	11.56	-18.44	1.91555G	-55.38	2.39936G	-53.77	2.4835G	-55.89	2.51804G	-52.86	24.4999G	-42.13	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	10.25	-19.75	2.12846G	-55.49	2.4G	-32.37	2.4G	-32.63	2.496G	-52.13	24.15151G	-42.22	1
2412MHz	Pass	2.442G	10.25	-19.75	2.11564G	-55.60	2.3995G	-31.58	2.4G	-32.82	2.50252G	-52.91	24.16275G	-42.51	2
2437MHz	Pass	2.442G	10.25	-19.75	1.83895G	-55.35	2.39976G	-52.28	2.4G	-52.30	2.49602G	-50.03	24.19647G	-42.43	1
2437MHz	Pass	2.442G	10.25	-19.75	2.19748G	-54.96	2.39854G	-51.91	2.4G	-52.88	2.50804G	-50.82	24.52799G	-42.32	2
2462MHz	Pass	2.442G	10.25	-19.75	2.30845G	-55.92	2.39574G	-54.23	2.4835G	-53.39	2.4836G	-51.29	24.51676G	-41.57	1
2462MHz	Pass	2.442G	10.25	-19.75	2.13749G	-53.76	2.39872G	-52.79	2.4G	-52.47	2.48392G	-49.68	24.52799G	-42.49	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43828G	9.98	-20.02	2.18612G	-54.97	2.39996G	-31.97	2.4G	-32.22	2.49602G	-52.11	24.20489G	-40.96	1
2412MHz	Pass	2.43828G	9.98	-20.02	1.98749G	-55.80	2.39998G	-31.85	2.4G	-31.59	2.50896G	-52.71	24.16837G	-42.24	2
2437MHz	Pass	2.43828G	9.98	-20.02	1.93856G	-55.51	2.39276G	-52.96	2.4835G	-52.61	2.496G	-50.20	24.48304G	-42.65	1
2437MHz	Pass	2.43828G	9.98	-20.02	2.30029G	-55.25	2.39442G	-52.51	2.4G	-51.39	2.49264G	-50.84	24.14308G	-43.08	2
2462MHz	Pass	2.43828G	9.98	-20.02	2.11419G	-55.29	2.3922G	-54.02	2.4835G	-53.54	2.48418G	-50.99	24.2077G	-41.88	1
2462MHz	Pass	2.43828G	9.98	-20.02	2.15438G	-55.18	2.39254G	-54.20	2.4835G	-54.24	2.48384G	-51.39	24.51395G	-41.82	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	3.39	-26.61	2.13365G	-55.68	2.4G	-37.99	2.4G	-38.58	2.51962G	-53.46	24.17265G	-42.53	1
2422MHz	Pass	2.442G	3.39	-26.61	2.10045G	-54.94	2.39984G	-36.85	2.4G	-36.59	2.51874G	-53.42	24.5681G	-42.83	2
2437MHz	Pass	2.442G	3.39	-26.61	2.19548G	-55.49	2.39836G	-48.95	2.4G	-48.44	2.48578G	-52.11	24.52883G	-41.83	1
2437MHz	Pass	2.442G	3.39	-26.61	2.30283G	-54.59	2.39952G	-46.04	2.4G	-49.24	2.5103G	-51.73	24.51762G	-42.77	2
2452MHz	Pass	2.442G	3.39	-26.61	2.09701G	-55.24	2.39936G	-54.24	2.4835G	-53.16	2.48442G	-49.96	24.83453G	-42.50	1
2452MHz	Pass	2.442G	3.39	-26.61	2.30741G	-55.59	2.39672G	-52.37	2.4835G	-53.50	2.49222G	-49.93	15.16159G	-43.06	2

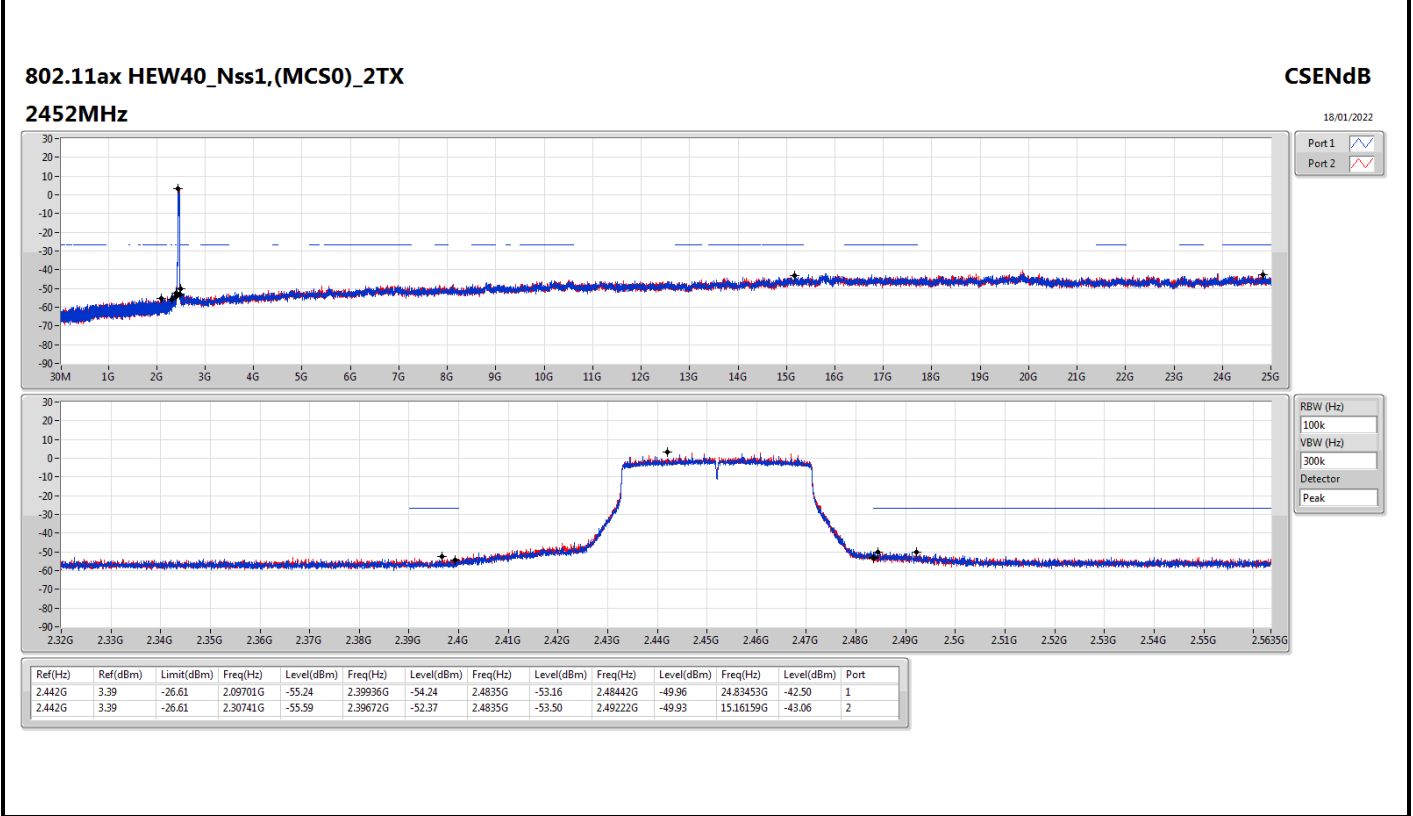
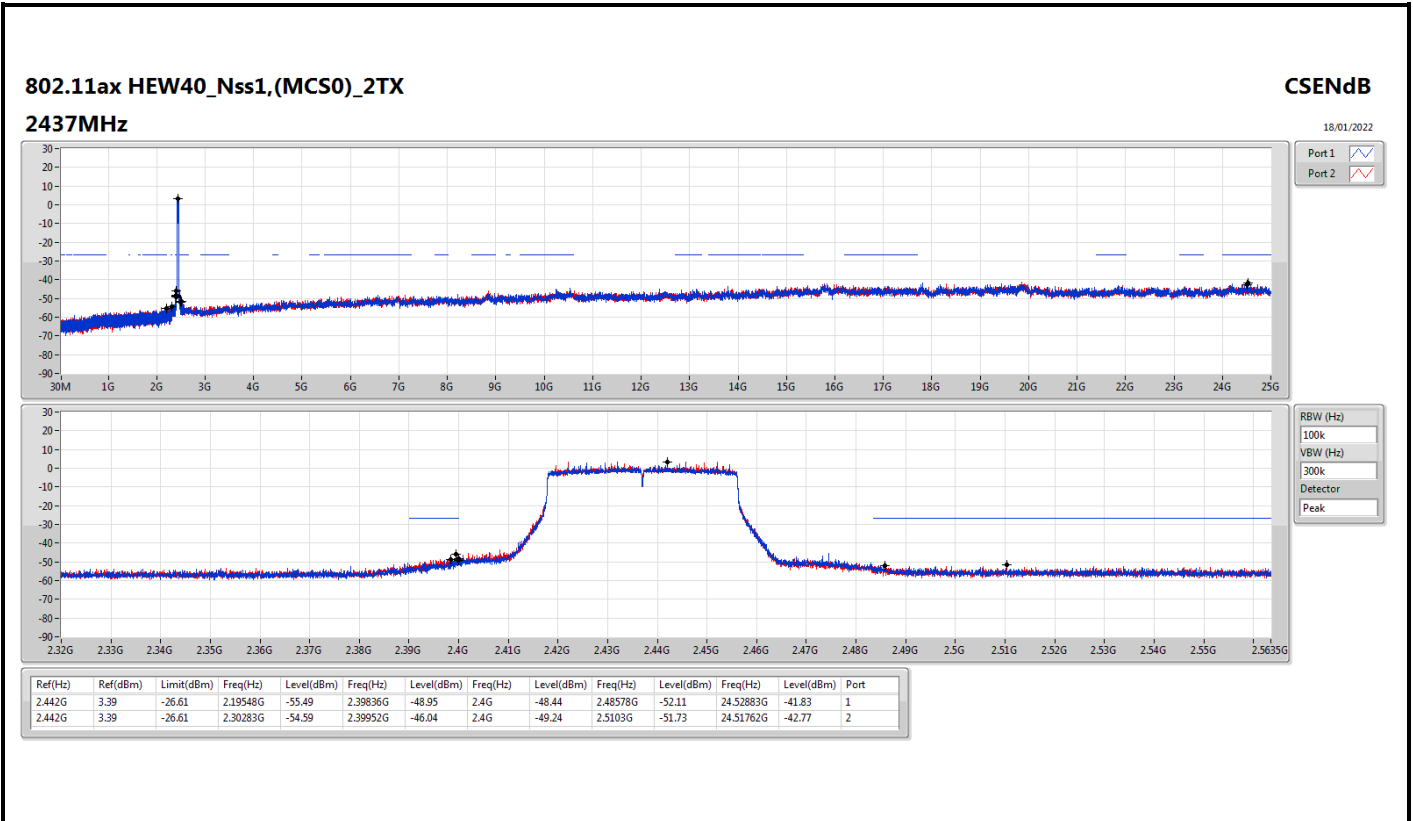














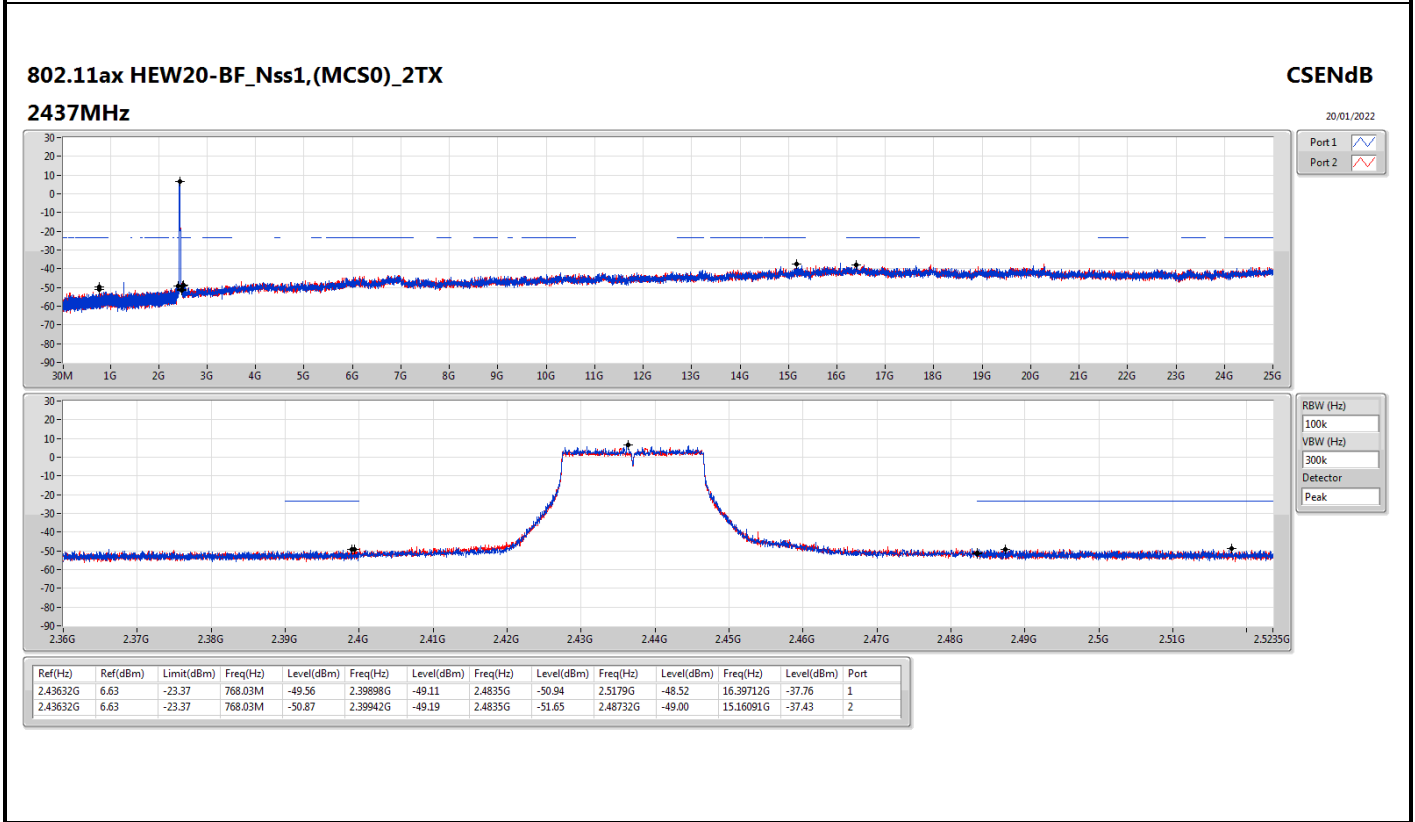
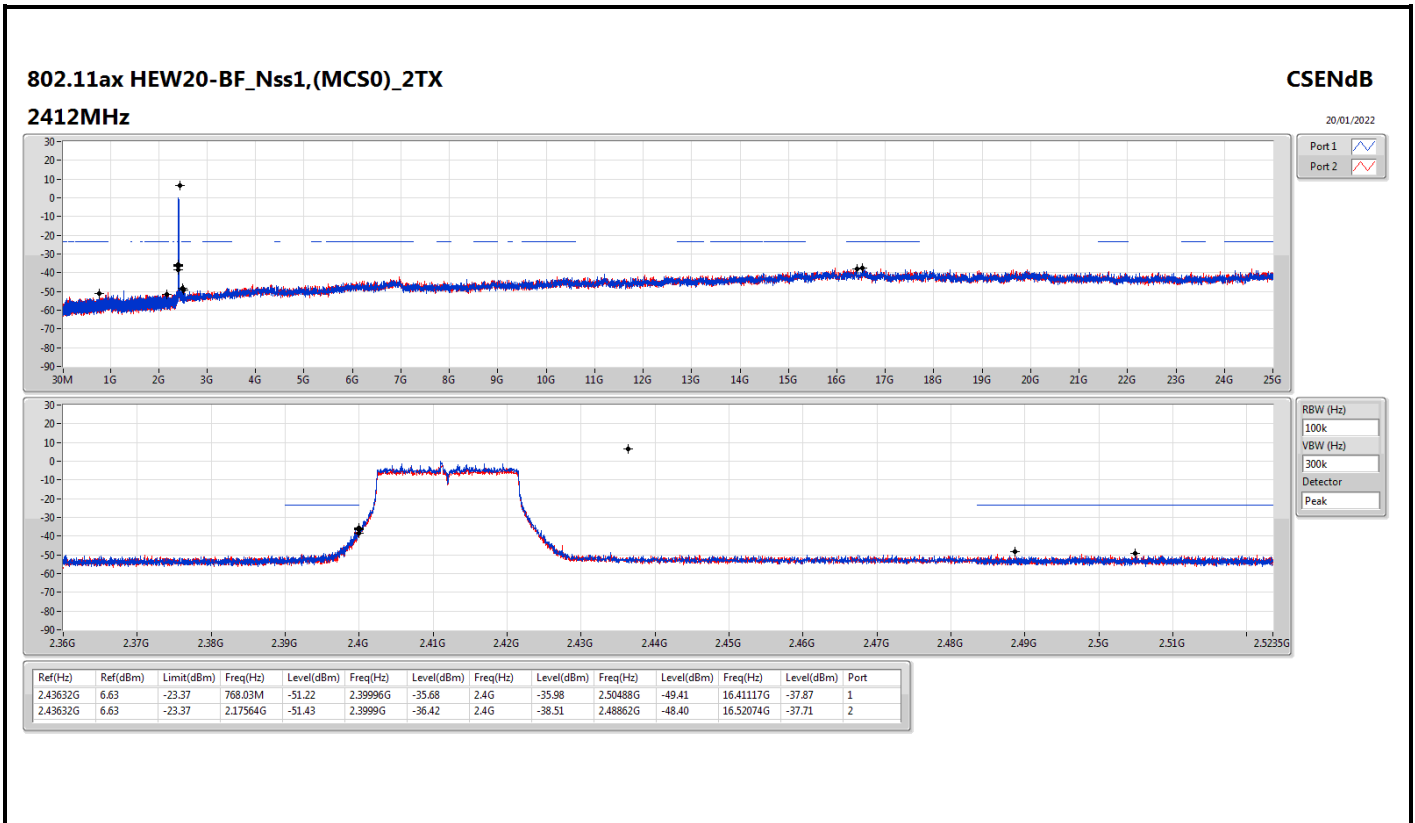
Summary

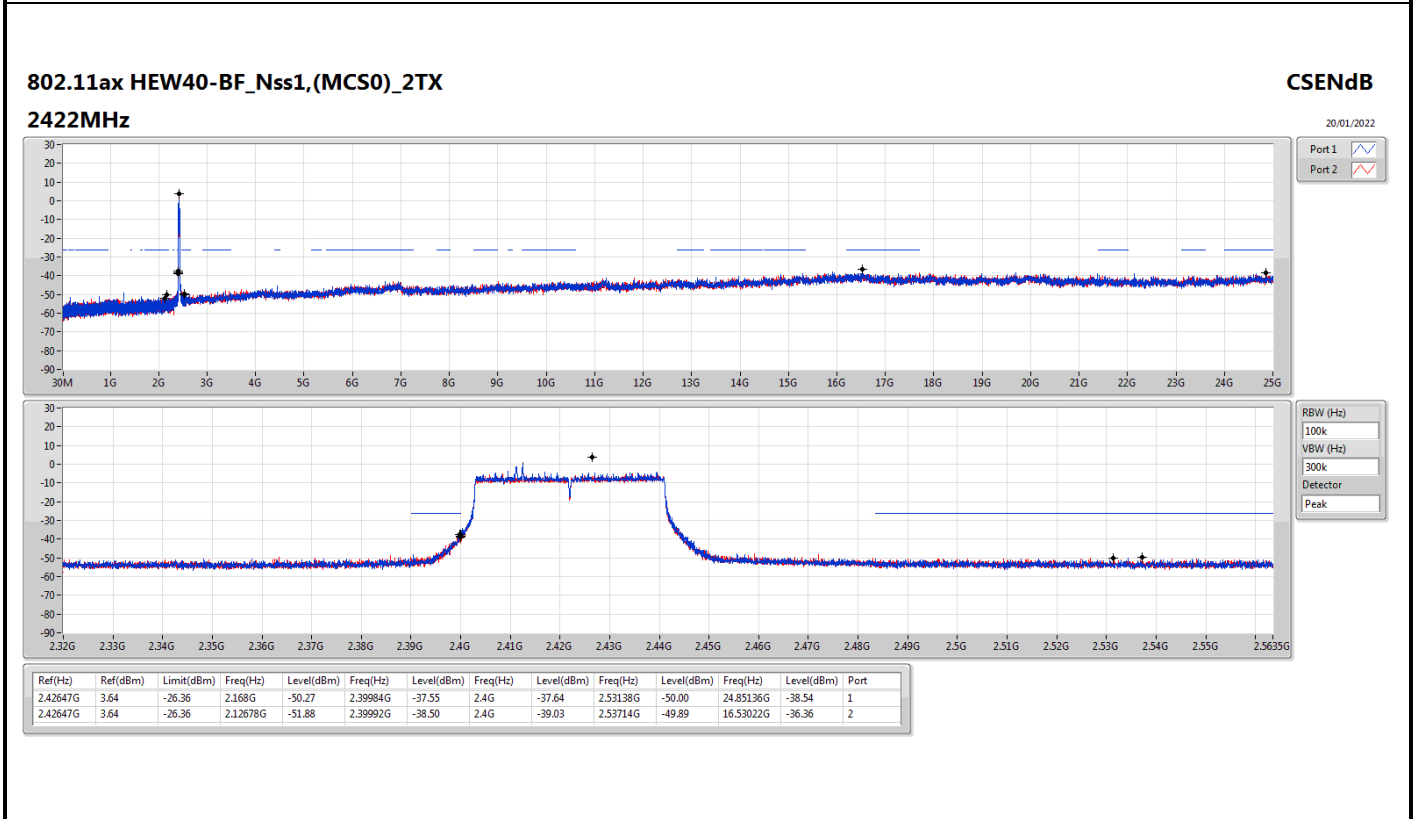
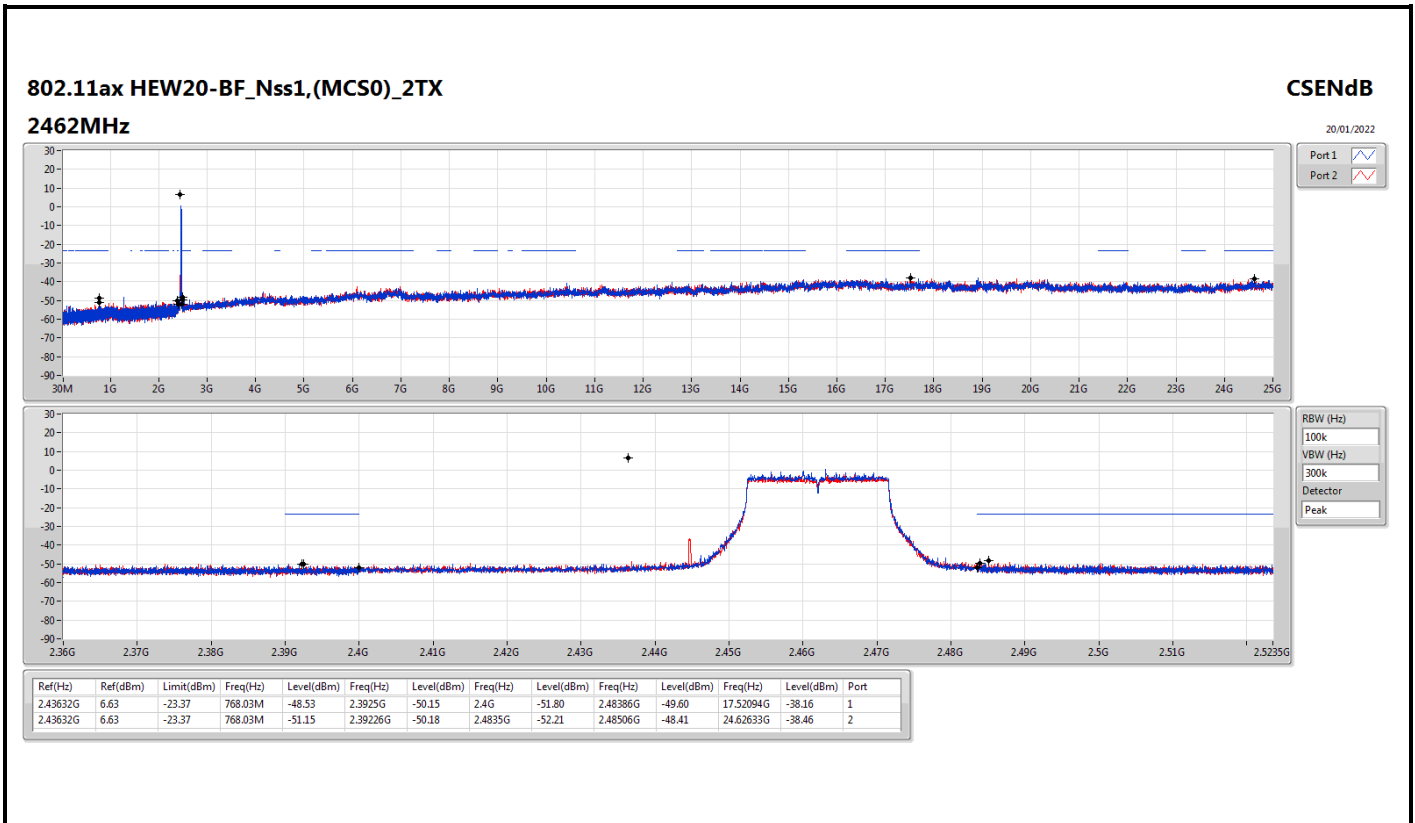
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43632G	6.63	-23.37	768.03M	-51.22	2.39996G	-35.68	2.4G	-35.98	2.50488G	-49.41	16.41117G	-37.87	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42647G	3.64	-26.36	2.168G	-50.27	2.39984G	-37.55	2.4G	-37.64	2.53138G	-50.00	24.85136G	-38.54	1

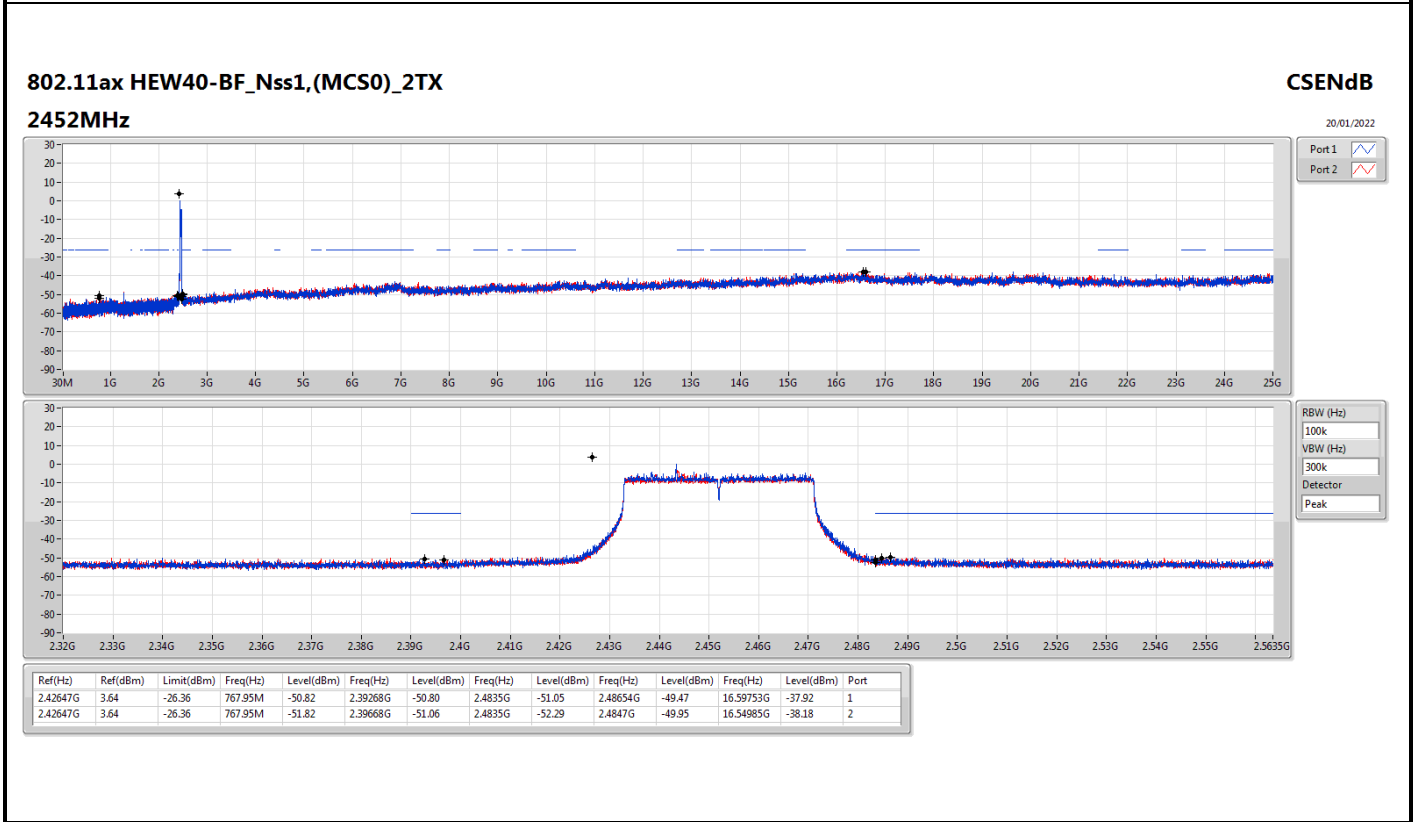
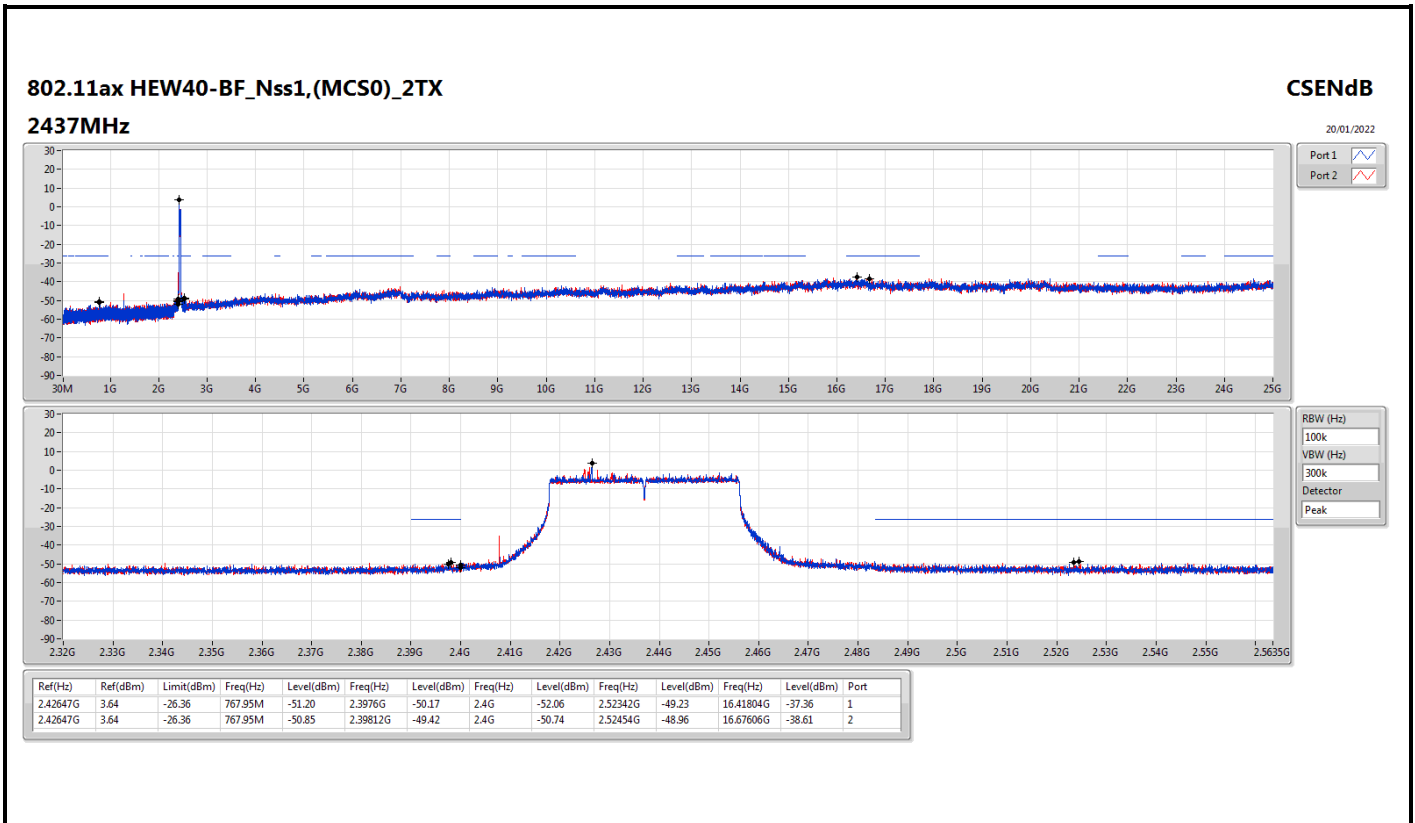


Result

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	2.43632G	6.63	-23.37	768.03M	-51.22	2.39996G	-35.68	2.4G	-35.98	2.50488G	-49.41	16.41117G	-37.87	1
2412MHz	Pass	2.43632G	6.63	-23.37	2.17564G	-51.43	2.3999G	-36.42	2.4G	-38.51	2.48862G	-48.40	16.52074G	-37.71	2
2437MHz	Pass	2.43632G	6.63	-23.37	768.03M	-49.56	2.39898G	-49.11	2.4835G	-50.94	2.5179G	-48.52	16.39712G	-37.76	1
2437MHz	Pass	2.43632G	6.63	-23.37	768.03M	-50.87	2.39942G	-49.19	2.4835G	-51.65	2.48732G	-49.00	15.16091G	-37.43	2
2462MHz	Pass	2.43632G	6.63	-23.37	768.03M	-48.53	2.3925G	-50.15	2.4G	-51.80	2.48386G	-49.60	17.52094G	-38.16	1
2462MHz	Pass	2.43632G	6.63	-23.37	768.03M	-51.15	2.39226G	-50.18	2.4835G	-52.21	2.48506G	-48.41	24.62633G	-38.46	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42647G	3.64	-26.36	2.168G	-50.27	2.39984G	-37.55	2.4G	-37.64	2.53138G	-50.00	24.85136G	-38.54	1
2422MHz	Pass	2.42647G	3.64	-26.36	2.12678G	-51.88	2.39992G	-38.50	2.4G	-39.03	2.53714G	-49.89	16.53022G	-36.36	2
2437MHz	Pass	2.42647G	3.64	-26.36	767.95M	-51.20	2.3976G	-50.17	2.4G	-52.06	2.52342G	-49.23	16.41804G	-37.36	1
2437MHz	Pass	2.42647G	3.64	-26.36	767.95M	-50.85	2.39812G	-49.42	2.4G	-50.74	2.52454G	-48.96	16.67606G	-38.61	2
2452MHz	Pass	2.42647G	3.64	-26.36	767.95M	-50.82	2.39268G	-50.80	2.4835G	-51.05	2.48654G	-49.47	16.59753G	-37.92	1
2452MHz	Pass	2.42647G	3.64	-26.36	767.95M	-51.82	2.39668G	-51.06	2.4835G	-52.29	2.4847G	-49.95	16.54985G	-38.18	2









Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	QP	42.5M	35.02	40.00	-4.98	3	Vertical	358	1.00	-

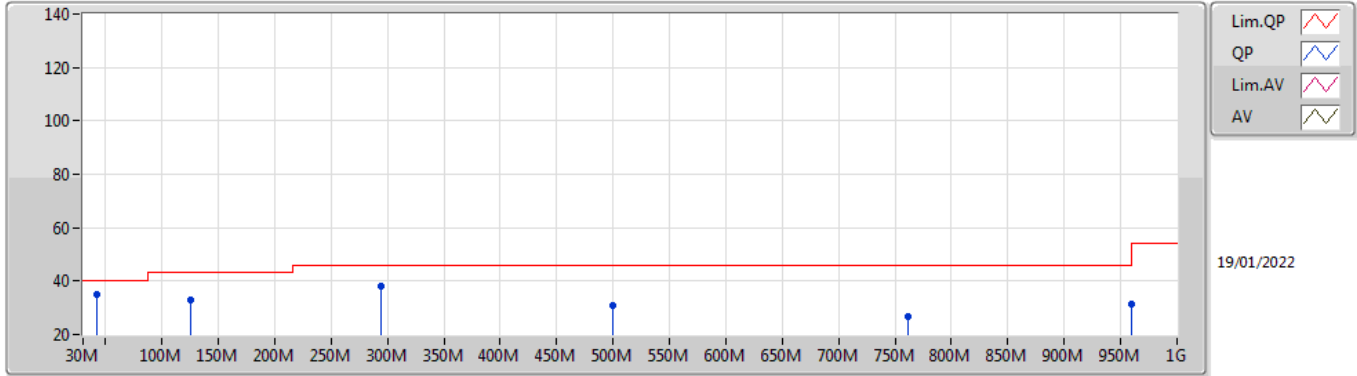


Result

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	125.06M	32.99	43.50	-10.51	3	Vertical	0	1.00	-
2437MHz	Pass	PK	293.84M	38.01	46.00	-7.99	3	Vertical	0	1.00	-
2437MHz	Pass	PK	499.48M	30.71	46.00	-15.29	3	Vertical	0	1.00	-
2437MHz	Pass	PK	761.38M	26.79	46.00	-19.21	3	Vertical	0	1.00	-
2437MHz	Pass	PK	960M	31.14	46.00	-14.86	3	Vertical	0	1.00	-
2437MHz	Pass	QP	42.5M	35.02	40.00	-4.98	3	Vertical	358	1.00	-
2437MHz	Pass	PK	76.56M	34.13	40.00	-5.87	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	109.54M	31.26	43.50	-12.24	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	295.78M	35.79	46.00	-10.21	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	482.02M	36.18	46.00	-9.82	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	699.3M	30.12	46.00	-15.88	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	941.8M	35.04	46.00	-10.96	3	Horizontal	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

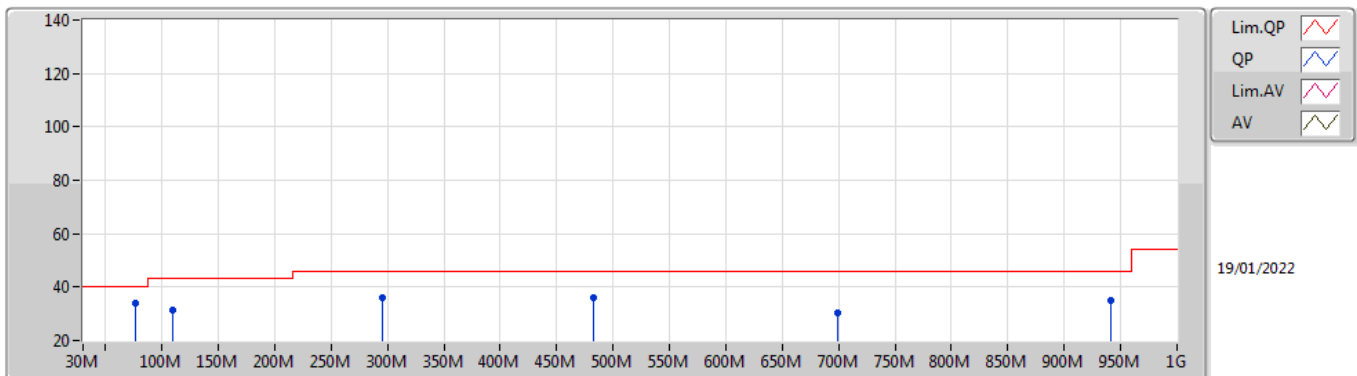
2437MHz_PoE



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	125.06M	32.99	43.50	-10.51	-18.75	3	Vertical	0	1.00	-	51.74	16.76	1.10	36.61
PK	293.84M	38.01	46.00	-7.99	-16.42	3	Vertical	0	1.00	-	54.43	18.36	1.65	36.43
PK	499.48M	30.71	46.00	-15.29	-11.65	3	Vertical	0	1.00	-	42.36	23.11	2.23	36.99
PK	761.38M	26.79	46.00	-19.21	-7.53	3	Vertical	0	1.00	-	34.32	27.27	2.78	37.58
PK	960M	31.14	46.00	-14.86	-4.19	3	Vertical	0	1.00	-	35.33	30.17	3.11	37.47
QP	42.5M	35.02	40.00	-4.98	-19.02	3	Vertical	358	1.00	-	54.04	17.29	0.76	37.07

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_PoE



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	76.56M	34.13	40.00	-5.87	-23.90	3	Horizontal	360	1.00	-	58.03	12.14	0.87	36.91
PK	109.54M	31.26	43.50	-12.24	-19.52	3	Horizontal	360	1.00	-	50.78	16.11	1.02	36.65
PK	295.78M	35.79	46.00	-10.21	-16.39	3	Horizontal	360	1.00	-	52.18	18.39	1.66	36.44
PK	482.02M	36.18	46.00	-9.82	-11.82	3	Horizontal	360	1.00	-	48.00	22.86	2.18	36.86
PK	699.3M	30.12	46.00	-15.88	-8.82	3	Horizontal	360	1.00	-	38.94	25.79	2.68	37.29
PK	941.8M	35.04	46.00	-10.96	-4.84	3	Horizontal	360	1.00	-	39.88	29.65	3.08	37.57



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	QP	40.99M	38.42	40.00	-1.58	3	Vertical	216	1.00	-

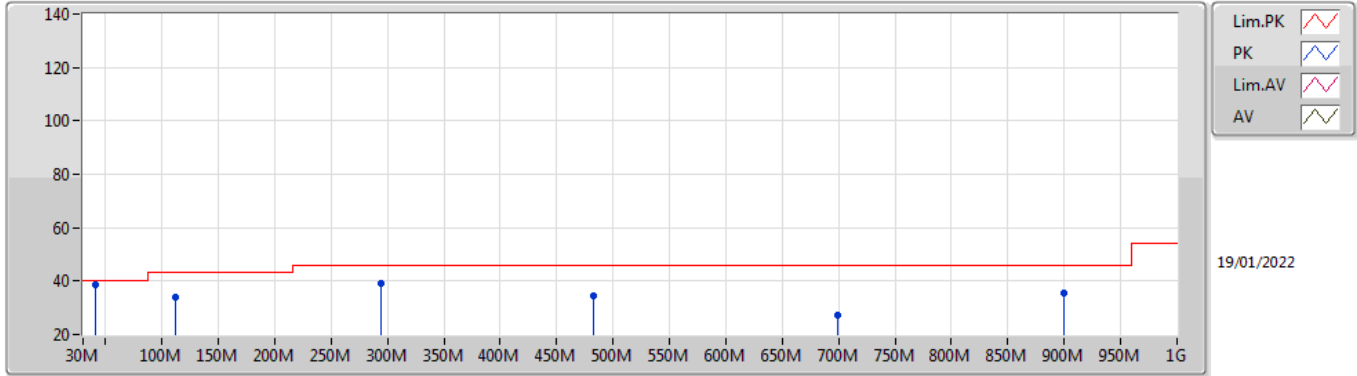


Result

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	111.48M	33.88	43.50	-9.62	3	Vertical	0	1.00	-
2437MHz	Pass	PK	293.84M	39.00	46.00	-7.00	3	Vertical	0	1.00	-
2437MHz	Pass	PK	482.02M	34.62	46.00	-11.38	3	Vertical	0	1.00	-
2437MHz	Pass	PK	699.3M	27.23	46.00	-18.77	3	Vertical	0	1.00	-
2437MHz	Pass	PK	899.12M	35.38	46.00	-10.62	3	Vertical	0	1.00	-
2437MHz	Pass	QP	40.99M	38.42	40.00	-1.58	3	Vertical	216	1.00	-
2437MHz	Pass	PK	45.52M	36.43	40.00	-3.57	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	125.06M	31.81	43.50	-11.69	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	355.92M	36.71	46.00	-9.29	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	480.08M	38.30	46.00	-7.70	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	600.36M	32.19	46.00	-13.81	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	934.04M	36.62	46.00	-9.38	3	Horizontal	360	1.00	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

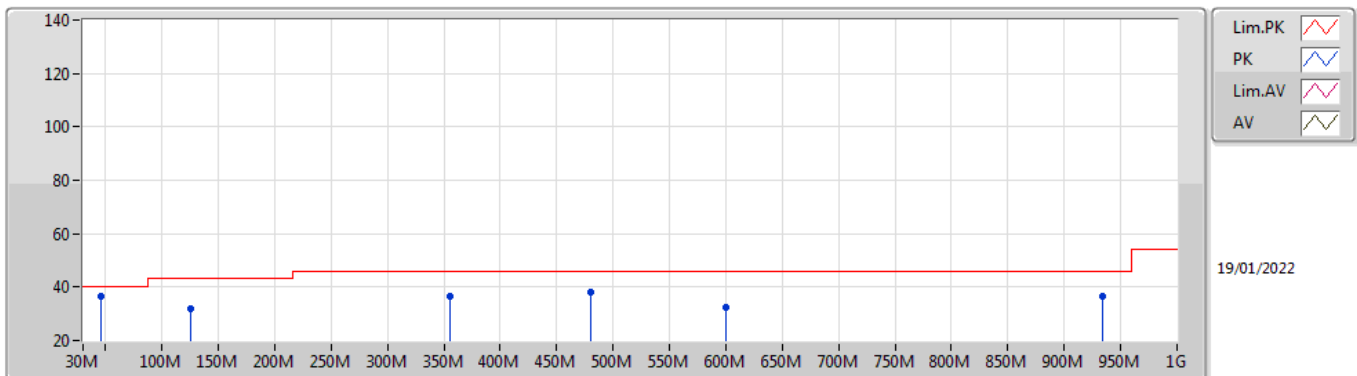
2437MHz_PoE



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	111.48M	33.88	43.50	-9.62	-19.41	3	Vertical	0	1.00	-	53.29	16.21	1.03	36.65
PK	293.84M	39.00	46.00	-7.00	-16.42	3	Vertical	0	1.00	-	55.42	18.36	1.65	36.43
PK	482.02M	34.62	46.00	-11.38	-11.82	3	Vertical	0	1.00	-	46.44	22.86	2.18	36.86
PK	699.3M	27.23	46.00	-18.77	-8.82	3	Vertical	0	1.00	-	36.05	25.79	2.68	37.29
PK	899.12M	35.38	46.00	-10.62	-6.33	3	Vertical	0	1.00	-	41.71	28.21	3.00	37.54
QP	40.99M	38.42	40.00	-1.58	-18.21	3	Vertical	216	1.00	-	56.63	18.12	0.75	37.08

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_PoE



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	45.52M	36.43	40.00	-3.57	-20.61	3	Horizontal	360	1.00	-	57.04	15.68	0.78	37.07
PK	125.06M	31.81	43.50	-11.69	-18.75	3	Horizontal	360	1.00	-	50.56	16.76	1.10	36.61
PK	355.92M	36.71	46.00	-9.29	-14.93	3	Horizontal	360	1.00	-	51.64	19.81	1.79	36.53
PK	480.08M	38.30	46.00	-7.70	-11.84	3	Horizontal	360	1.00	-	50.14	22.82	2.18	36.84
PK	600.36M	32.19	46.00	-13.81	-9.89	3	Horizontal	360	1.00	-	42.08	24.76	2.47	37.12
PK	934.04M	36.62	46.00	-9.38	-5.21	3	Horizontal	360	1.00	-	41.83	29.29	3.07	37.57



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3858G	53.70	54.00	-0.30	3	Vertical	9	1.86	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	53.90	54.00	-0.10	3	Vertical	5	1.91	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.86	54.00	-0.14	3	Vertical	0	1.93	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.89	54.00	-0.11	3	Vertical	358	1.76	-



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	2.3858G	53.70	54.00	-0.30	3	Vertical	9	1.86	-
2412MHz	Pass	AV	2.411G	114.88	Inf	-Inf	3	Vertical	9	1.86	-
2412MHz	Pass	PK	2.3698G	61.43	74.00	-12.57	3	Vertical	9	1.86	-
2412MHz	Pass	PK	2.4124G	117.43	Inf	-Inf	3	Vertical	9	1.86	-
2412MHz	Pass	AV	2.386G	53.31	54.00	-0.69	3	Horizontal	4	2.03	-
2412MHz	Pass	AV	2.411G	114.77	Inf	-Inf	3	Horizontal	4	2.03	-
2412MHz	Pass	PK	2.384G	61.39	74.00	-12.61	3	Horizontal	4	2.03	-
2412MHz	Pass	PK	2.4124G	117.42	Inf	-Inf	3	Horizontal	4	2.03	-
2412MHz	Pass	AV	4.82629G	34.81	54.00	-19.19	3	Vertical	103	1.21	-
2412MHz	Pass	PK	4.82498G	44.56	74.00	-29.44	3	Vertical	103	1.21	-
2412MHz	Pass	AV	4.82447G	34.90	54.00	-19.10	3	Horizontal	105	1.50	-
2412MHz	Pass	PK	4.82615G	45.07	74.00	-28.93	3	Horizontal	105	1.50	-
2417MHz	Pass	AV	2.39G	53.31	54.00	-0.69	3	Vertical	4	1.94	-
2417MHz	Pass	AV	2.416G	114.33	Inf	-Inf	3	Vertical	4	1.94	-
2417MHz	Pass	PK	2.389G	62.15	74.00	-11.85	3	Vertical	4	1.94	-
2417MHz	Pass	PK	2.4174G	117.22	Inf	-Inf	3	Vertical	4	1.94	-
2417MHz	Pass	AV	2.39G	52.33	54.00	-1.67	3	Horizontal	17	1.98	-
2417MHz	Pass	AV	2.4162G	114.78	Inf	-Inf	3	Horizontal	17	1.98	-
2417MHz	Pass	PK	2.389G	61.13	74.00	-12.87	3	Horizontal	17	1.98	-
2417MHz	Pass	PK	2.4164G	117.23	Inf	-Inf	3	Horizontal	17	1.98	-
2437MHz	Pass	AV	2.3846G	50.52	54.00	-3.48	3	Vertical	0	1.81	-
2437MHz	Pass	AV	2.4358G	114.69	Inf	-Inf	3	Vertical	0	1.81	-
2437MHz	Pass	AV	2.4835G	51.29	54.00	-2.71	3	Vertical	0	1.81	-
2437MHz	Pass	PK	2.3834G	60.73	74.00	-13.27	3	Vertical	0	1.81	-
2437MHz	Pass	PK	2.4374G	117.33	Inf	-Inf	3	Vertical	0	1.81	-
2437MHz	Pass	PK	2.487G	60.02	74.00	-13.98	3	Vertical	0	1.81	-
2437MHz	Pass	AV	2.375G	50.64	54.00	-3.36	3	Horizontal	13	1.88	-
2437MHz	Pass	AV	2.4358G	114.79	Inf	-Inf	3	Horizontal	13	1.88	-
2437MHz	Pass	AV	2.4958G	51.96	54.00	-2.04	3	Horizontal	13	1.88	-
2437MHz	Pass	PK	2.3726G	59.85	74.00	-14.15	3	Horizontal	13	1.88	-
2437MHz	Pass	PK	2.4406G	117.74	Inf	-Inf	3	Horizontal	13	1.88	-
2437MHz	Pass	PK	2.4918G	60.08	74.00	-13.92	3	Horizontal	13	1.88	-
2437MHz	Pass	AV	4.87588G	35.17	54.00	-18.83	3	Vertical	358	1.50	-
2437MHz	Pass	PK	4.8745G	44.93	74.00	-29.07	3	Vertical	358	1.50	-
2437MHz	Pass	AV	4.86946G	35.33	54.00	-18.67	3	Horizontal	174	1.13	-
2437MHz	Pass	PK	4.87756G	44.61	74.00	-29.39	3	Horizontal	174	1.13	-
2462MHz	Pass	AV	2.461G	114.63	Inf	-Inf	3	Vertical	3	1.96	-
2462MHz	Pass	AV	2.4886G	52.15	54.00	-1.85	3	Vertical	3	1.96	-
2462MHz	Pass	PK	2.4656G	117.78	Inf	-Inf	3	Vertical	3	1.96	-
2462MHz	Pass	PK	2.4835G	61.86	74.00	-12.14	3	Vertical	3	1.96	-
2462MHz	Pass	AV	2.4612G	114.73	Inf	-Inf	3	Horizontal	12	1.83	-
2462MHz	Pass	AV	2.4864G	52.73	54.00	-1.27	3	Horizontal	12	1.83	-
2462MHz	Pass	PK	2.4592G	117.39	Inf	-Inf	3	Horizontal	12	1.83	-
2462MHz	Pass	PK	2.4904G	61.32	74.00	-12.68	3	Horizontal	12	1.83	-
2462MHz	Pass	AV	4.92231G	35.17	54.00	-18.83	3	Vertical	351	1.50	-
2462MHz	Pass	PK	4.9232G	45.18	74.00	-28.82	3	Vertical	351	1.50	-
2462MHz	Pass	AV	4.92196G	35.49	54.00	-18.51	3	Horizontal	86	1.50	-
2462MHz	Pass	PK	4.92242G	45.29	74.00	-28.71	3	Horizontal	86	1.50	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.90	54.00	-0.10	3	Vertical	5	1.91	-
2412MHz	Pass	AV	2.407G	110.38	Inf	-Inf	3	Vertical	5	1.91	-
2412MHz	Pass	PK	2.3896G	64.44	74.00	-9.56	3	Vertical	5	1.91	-
2412MHz	Pass	PK	2.4058G	118.92	Inf	-Inf	3	Vertical	5	1.91	-
2412MHz	Pass	AV	2.39G	51.33	54.00	-2.67	3	Horizontal	3	1.96	-
2412MHz	Pass	AV	2.4168G	110.27	Inf	-Inf	3	Horizontal	3	1.96	-
2412MHz	Pass	PK	2.39G	61.40	74.00	-12.60	3	Horizontal	3	1.96	-
2412MHz	Pass	PK	2.4166G	117.40	Inf	-Inf	3	Horizontal	3	1.96	-
2412MHz	Pass	AV	4.82199G	34.43	54.00	-19.57	3	Vertical	356	1.50	-
2412MHz	Pass	PK	4.82385G	45.32	74.00	-28.68	3	Vertical	356	1.50	-
2412MHz	Pass	AV	4.82309G	34.54	54.00	-19.46	3	Horizontal	19	2.99	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	4.82321G	44.71	74.00	-29.29	3	Horizontal	19	2.99	-
2417MHz	Pass	AV	2.3896G	53.45	54.00	-0.55	3	Vertical	5	1.98	-
2417MHz	Pass	AV	2.4102G	112.22	Inf	-Inf	3	Vertical	5	1.98	-
2417MHz	Pass	PK	2.3892G	64.62	74.00	-9.38	3	Vertical	5	1.98	-
2417MHz	Pass	PK	2.4108G	120.89	Inf	-Inf	3	Vertical	5	1.98	-
2417MHz	Pass	AV	2.3898G	51.41	54.00	-2.59	3	Horizontal	16	1.98	-
2417MHz	Pass	AV	2.4118G	112.49	Inf	-Inf	3	Horizontal	16	1.98	-
2417MHz	Pass	PK	2.3894G	61.63	74.00	-12.37	3	Horizontal	16	1.98	-
2417MHz	Pass	PK	2.4112G	119.79	Inf	-Inf	3	Horizontal	16	1.98	-
2437MHz	Pass	AV	2.383G	51.37	54.00	-2.63	3	Vertical	358	1.87	-
2437MHz	Pass	AV	2.4422G	113.18	Inf	-Inf	3	Vertical	358	1.87	-
2437MHz	Pass	AV	2.4922G	52.56	54.00	-1.44	3	Vertical	358	1.87	-
2437MHz	Pass	PK	2.3838G	61.38	74.00	-12.62	3	Vertical	358	1.87	-
2437MHz	Pass	PK	2.4422G	121.32	Inf	-Inf	3	Vertical	358	1.87	-
2437MHz	Pass	PK	2.4858G	61.78	74.00	-12.22	3	Vertical	358	1.87	-
2437MHz	Pass	AV	2.3742G	51.00	54.00	-3.00	3	Horizontal	10	1.85	-
2437MHz	Pass	AV	2.4314G	112.96	Inf	-Inf	3	Horizontal	10	1.85	-
2437MHz	Pass	AV	2.4962G	53.34	54.00	-0.66	3	Horizontal	10	1.85	-
2437MHz	Pass	PK	2.389G	61.01	74.00	-12.99	3	Horizontal	10	1.85	-
2437MHz	Pass	PK	2.4314G	120.55	Inf	-Inf	3	Horizontal	10	1.85	-
2437MHz	Pass	PK	2.493G	62.62	74.00	-11.38	3	Horizontal	10	1.85	-
2437MHz	Pass	AV	4.87406G	34.71	54.00	-19.29	3	Vertical	355	1.50	-
2437MHz	Pass	PK	4.87494G	44.63	74.00	-29.37	3	Vertical	355	1.50	-
2437MHz	Pass	AV	4.87435G	35.16	54.00	-18.84	3	Horizontal	24	1.50	-
2437MHz	Pass	PK	4.87615G	45.44	74.00	-28.56	3	Horizontal	24	1.50	-
2457MHz	Pass	AV	2.4518G	113.25	Inf	-Inf	3	Vertical	358	1.92	-
2457MHz	Pass	AV	2.485G	53.24	54.00	-0.76	3	Vertical	358	1.92	-
2457MHz	Pass	PK	2.4514G	121.76	Inf	-Inf	3	Vertical	358	1.92	-
2457MHz	Pass	PK	2.4934G	63.07	74.00	-10.93	3	Vertical	358	1.92	-
2457MHz	Pass	AV	2.4518G	112.86	Inf	-Inf	3	Horizontal	14	1.83	-
2457MHz	Pass	AV	2.4958G	53.81	54.00	-0.19	3	Horizontal	14	1.83	-
2457MHz	Pass	PK	2.4522G	120.30	Inf	-Inf	3	Horizontal	14	1.83	-
2457MHz	Pass	PK	2.4838G	62.86	74.00	-11.14	3	Horizontal	14	1.83	-
2462MHz	Pass	AV	2.4676G	112.53	Inf	-Inf	3	Vertical	0	1.97	-
2462MHz	Pass	AV	2.4835G	53.78	54.00	-0.22	3	Vertical	0	1.97	-
2462MHz	Pass	PK	2.4558G	120.74	Inf	-Inf	3	Vertical	0	1.97	-
2462MHz	Pass	PK	2.4836G	63.44	74.00	-10.56	3	Vertical	0	1.97	-
2462MHz	Pass	AV	2.4566G	111.98	Inf	-Inf	3	Horizontal	15	1.78	-
2462MHz	Pass	AV	2.496G	53.84	54.00	-0.16	3	Horizontal	15	1.78	-
2462MHz	Pass	PK	2.4556G	119.37	Inf	-Inf	3	Horizontal	15	1.78	-
2462MHz	Pass	PK	2.4854G	63.56	74.00	-10.44	3	Horizontal	15	1.78	-
2462MHz	Pass	AV	4.92158G	34.68	54.00	-19.32	3	Vertical	114	2.60	-
2462MHz	Pass	PK	4.92372G	45.38	74.00	-28.62	3	Vertical	114	2.60	-
2462MHz	Pass	AV	4.92293G	34.59	54.00	-19.41	3	Horizontal	52	1.50	-
2462MHz	Pass	PK	4.92215G	45.75	74.00	-28.25	3	Horizontal	52	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.86	54.00	-0.14	3	Vertical	0	1.93	-
2412MHz	Pass	AV	2.4154G	107.97	Inf	-Inf	3	Vertical	0	1.93	-
2412MHz	Pass	PK	2.3898G	63.83	74.00	-10.17	3	Vertical	0	1.93	-
2412MHz	Pass	PK	2.4176G	118.83	Inf	-Inf	3	Vertical	0	1.93	-
2412MHz	Pass	AV	2.39G	51.64	54.00	-2.36	3	Horizontal	12	2.05	-
2412MHz	Pass	AV	2.411G	108.15	Inf	-Inf	3	Horizontal	12	2.05	-
2412MHz	Pass	PK	2.387G	61.09	74.00	-12.91	3	Horizontal	12	2.05	-
2412MHz	Pass	PK	2.4112G	118.18	Inf	-Inf	3	Horizontal	12	2.05	-
2412MHz	Pass	AV	4.82249G	34.04	54.00	-19.96	3	Vertical	37	1.50	-
2412MHz	Pass	PK	4.82318G	44.72	74.00	-29.28	3	Vertical	37	1.50	-
2412MHz	Pass	AV	4.82198G	34.21	54.00	-19.79	3	Horizontal	331	1.50	-
2412MHz	Pass	PK	4.82286G	44.95	74.00	-29.05	3	Horizontal	331	1.50	-
2417MHz	Pass	AV	2.39G	53.65	54.00	-0.35	3	Vertical	0	1.94	-
2417MHz	Pass	AV	2.42G	111.05	Inf	-Inf	3	Vertical	0	1.94	-
2417MHz	Pass	PK	2.3898G	64.60	74.00	-9.40	3	Vertical	0	1.94	-
2417MHz	Pass	PK	2.4226G	121.08	Inf	-Inf	3	Vertical	0	1.94	-



RSE TX above 1GHz_Non-Beamforming

Appendix E.3

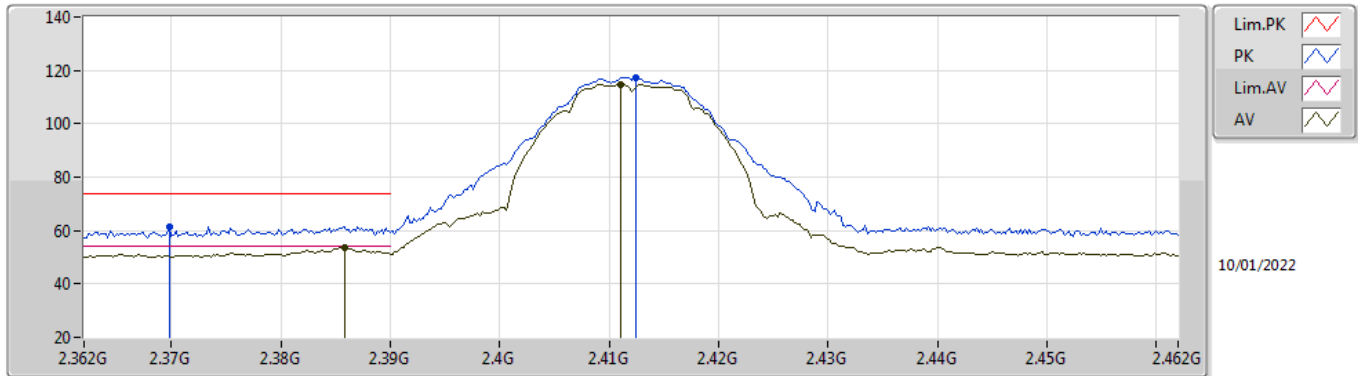
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	AV	2.39G	51.71	54.00	-2.29	3	Horizontal	16	1.91	-
2417MHz	Pass	AV	2.4156G	111.27	Inf	-Inf	3	Horizontal	16	1.91	-
2417MHz	Pass	PK	2.3898G	61.55	74.00	-12.45	3	Horizontal	16	1.91	-
2417MHz	Pass	PK	2.4154G	120.43	Inf	-Inf	3	Horizontal	16	1.91	-
2437MHz	Pass	AV	2.3858G	51.05	54.00	-2.95	3	Vertical	1	1.88	-
2437MHz	Pass	AV	2.4282G	112.25	Inf	-Inf	3	Vertical	1	1.88	-
2437MHz	Pass	AV	2.4878G	52.03	54.00	-1.97	3	Vertical	1	1.88	-
2437MHz	Pass	PK	2.3898G	61.55	74.00	-12.45	3	Vertical	1	1.88	-
2437MHz	Pass	PK	2.4402G	121.55	Inf	-Inf	3	Vertical	1	1.88	-
2437MHz	Pass	PK	2.4882G	62.50	74.00	-11.50	3	Vertical	1	1.88	-
2437MHz	Pass	AV	2.3758G	50.80	54.00	-3.20	3	Horizontal	15	1.88	-
2437MHz	Pass	AV	2.4454G	112.22	Inf	-Inf	3	Horizontal	15	1.88	-
2437MHz	Pass	AV	2.4958G	52.97	54.00	-1.03	3	Horizontal	15	1.88	-
2437MHz	Pass	PK	2.3714G	61.72	74.00	-12.28	3	Horizontal	15	1.88	-
2437MHz	Pass	PK	2.4366G	121.94	Inf	-Inf	3	Horizontal	15	1.88	-
2437MHz	Pass	PK	2.4866G	62.22	74.00	-11.78	3	Horizontal	15	1.88	-
2437MHz	Pass	AV	4.87544G	34.17	54.00	-19.83	3	Vertical	360	1.34	-
2437MHz	Pass	PK	4.87526G	45.60	74.00	-28.40	3	Vertical	360	1.34	-
2437MHz	Pass	AV	4.87563G	34.24	54.00	-19.76	3	Horizontal	63	1.50	-
2437MHz	Pass	PK	4.87508G	45.22	74.00	-28.78	3	Horizontal	63	1.50	-
2457MHz	Pass	AV	2.4484G	112.22	Inf	-Inf	3	Vertical	355	1.93	-
2457MHz	Pass	AV	2.4835G	53.65	54.00	-0.35	3	Vertical	355	1.93	-
2457MHz	Pass	PK	2.4564G	121.52	Inf	-Inf	3	Vertical	355	1.93	-
2457MHz	Pass	PK	2.485G	63.52	74.00	-10.48	3	Vertical	355	1.93	-
2457MHz	Pass	AV	2.4484G	111.87	Inf	-Inf	3	Horizontal	16	1.85	-
2457MHz	Pass	AV	2.496G	53.43	54.00	-0.57	3	Horizontal	16	1.85	-
2457MHz	Pass	PK	2.45G	121.78	Inf	-Inf	3	Horizontal	16	1.85	-
2457MHz	Pass	PK	2.4836G	63.16	74.00	-10.84	3	Horizontal	16	1.85	-
2462MHz	Pass	AV	2.4648G	110.50	Inf	-Inf	3	Vertical	360	1.90	-
2462MHz	Pass	AV	2.4835G	52.60	54.00	-1.40	3	Vertical	360	1.90	-
2462MHz	Pass	PK	2.4578G	121.24	Inf	-Inf	3	Vertical	360	1.90	-
2462MHz	Pass	PK	2.4836G	62.44	74.00	-11.56	3	Vertical	360	1.90	-
2462MHz	Pass	AV	2.4604G	110.27	Inf	-Inf	3	Horizontal	18	1.83	-
2462MHz	Pass	AV	2.4835G	51.62	54.00	-2.38	3	Horizontal	18	1.83	-
2462MHz	Pass	PK	2.4562G	120.28	Inf	-Inf	3	Horizontal	18	1.83	-
2462MHz	Pass	PK	2.4835G	62.01	74.00	-11.99	3	Horizontal	18	1.83	-
2462MHz	Pass	AV	4.92167G	34.13	54.00	-19.87	3	Vertical	220	1.50	-
2462MHz	Pass	PK	4.92194G	44.92	74.00	-29.08	3	Vertical	220	1.50	-
2462MHz	Pass	AV	4.92153G	34.23	54.00	-19.77	3	Horizontal	3	1.50	-
2462MHz	Pass	PK	4.92347G	44.95	74.00	-29.05	3	Horizontal	3	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	53.74	54.00	-0.26	3	Vertical	0	1.78	-
2422MHz	Pass	AV	2.4236G	103.88	Inf	-Inf	3	Vertical	0	1.78	-
2422MHz	Pass	AV	2.4848G	48.04	54.00	-5.96	3	Vertical	0	1.78	-
2422MHz	Pass	PK	2.3896G	64.33	74.00	-9.67	3	Vertical	0	1.78	-
2422MHz	Pass	PK	2.4248G	114.25	Inf	-Inf	3	Vertical	0	1.78	-
2422MHz	Pass	PK	2.486G	58.82	74.00	-15.18	3	Vertical	0	1.78	-
2422MHz	Pass	AV	2.39G	51.93	54.00	-2.07	3	Horizontal	13	1.84	-
2422MHz	Pass	AV	2.4204G	103.73	Inf	-Inf	3	Horizontal	13	1.84	-
2422MHz	Pass	AV	2.496G	48.68	54.00	-5.32	3	Horizontal	13	1.84	-
2422MHz	Pass	PK	2.3892G	63.04	74.00	-10.96	3	Horizontal	13	1.84	-
2422MHz	Pass	PK	2.4116G	114.34	Inf	-Inf	3	Horizontal	13	1.84	-
2422MHz	Pass	PK	2.4936G	58.26	74.00	-15.74	3	Horizontal	13	1.84	-
2422MHz	Pass	AV	4.84341G	34.29	54.00	-19.71	3	Vertical	162	1.50	-
2422MHz	Pass	PK	4.84199G	45.91	74.00	-28.09	3	Vertical	162	1.50	-
2422MHz	Pass	AV	4.84422G	34.23	54.00	-19.77	3	Horizontal	14	1.90	-
2422MHz	Pass	PK	4.84318G	45.20	74.00	-28.80	3	Horizontal	14	1.90	-
2427MHz	Pass	AV	2.3894G	53.41	54.00	-0.59	3	Vertical	0	1.80	-
2427MHz	Pass	AV	2.4282G	104.23	Inf	-Inf	3	Vertical	0	1.80	-
2427MHz	Pass	AV	2.493G	48.10	54.00	-5.90	3	Vertical	0	1.80	-
2427MHz	Pass	PK	2.3882G	63.85	74.00	-10.15	3	Vertical	0	1.80	-
2427MHz	Pass	PK	2.4374G	114.96	Inf	-Inf	3	Vertical	0	1.80	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2427MHz	Pass	PK	2.4918G	58.14	74.00	-15.86	3	Vertical	0	1.80	-
2427MHz	Pass	AV	2.3898G	51.79	54.00	-2.21	3	Horizontal	12	1.92	-
2427MHz	Pass	AV	2.4362G	104.78	Inf	-Inf	3	Horizontal	12	1.92	-
2427MHz	Pass	AV	2.4962G	48.77	54.00	-5.23	3	Horizontal	12	1.92	-
2427MHz	Pass	PK	2.3838G	61.44	74.00	-12.56	3	Horizontal	12	1.92	-
2427MHz	Pass	PK	2.4382G	114.90	Inf	-Inf	3	Horizontal	12	1.92	-
2427MHz	Pass	PK	2.495G	58.33	74.00	-15.67	3	Horizontal	12	1.92	-
2437MHz	Pass	AV	2.3898G	53.89	54.00	-0.11	3	Vertical	358	1.76	-
2437MHz	Pass	AV	2.4386G	108.20	Inf	-Inf	3	Vertical	358	1.76	-
2437MHz	Pass	AV	2.4835G	50.97	54.00	-3.03	3	Vertical	358	1.76	-
2437MHz	Pass	PK	2.389G	64.53	74.00	-9.47	3	Vertical	358	1.76	-
2437MHz	Pass	PK	2.4506G	118.12	Inf	-Inf	3	Vertical	358	1.76	-
2437MHz	Pass	PK	2.4882G	61.03	74.00	-12.97	3	Vertical	358	1.76	-
2437MHz	Pass	AV	2.3898G	52.26	54.00	-1.74	3	Horizontal	15	1.89	-
2437MHz	Pass	AV	2.4382G	108.56	Inf	-Inf	3	Horizontal	15	1.89	-
2437MHz	Pass	AV	2.4835G	51.60	54.00	-2.40	3	Horizontal	15	1.89	-
2437MHz	Pass	PK	2.3894G	63.26	74.00	-10.74	3	Horizontal	15	1.89	-
2437MHz	Pass	PK	2.4378G	118.44	Inf	-Inf	3	Horizontal	15	1.89	-
2437MHz	Pass	PK	2.4835G	62.78	74.00	-11.22	3	Horizontal	15	1.89	-
2437MHz	Pass	AV	4.87595G	34.25	54.00	-19.75	3	Vertical	154	2.52	-
2437MHz	Pass	PK	4.87532G	45.00	74.00	-29.00	3	Vertical	154	2.52	-
2437MHz	Pass	AV	4.87561G	34.26	54.00	-19.74	3	Horizontal	355	1.50	-
2437MHz	Pass	PK	4.87457G	45.44	74.00	-28.56	3	Horizontal	355	1.50	-
2447MHz	Pass	AV	2.389G	49.67	54.00	-4.33	3	Vertical	0	1.80	-
2447MHz	Pass	AV	2.4482G	108.06	Inf	-Inf	3	Vertical	0	1.80	-
2447MHz	Pass	AV	2.487G	53.13	54.00	-0.87	3	Vertical	0	1.80	-
2447MHz	Pass	PK	2.3566G	60.13	74.00	-13.87	3	Vertical	0	1.80	-
2447MHz	Pass	PK	2.4398G	117.79	Inf	-Inf	3	Vertical	0	1.80	-
2447MHz	Pass	PK	2.487G	63.94	74.00	-10.06	3	Vertical	0	1.80	-
2447MHz	Pass	AV	2.3722G	48.65	54.00	-5.35	3	Horizontal	12	1.97	-
2447MHz	Pass	AV	2.4478G	108.20	Inf	-Inf	3	Horizontal	12	1.97	-
2447MHz	Pass	AV	2.4838G	53.76	54.00	-0.24	3	Horizontal	12	1.97	-
2447MHz	Pass	PK	2.3838G	59.18	74.00	-14.82	3	Horizontal	12	1.97	-
2447MHz	Pass	PK	2.4562G	117.92	Inf	-Inf	3	Horizontal	12	1.97	-
2447MHz	Pass	PK	2.4842G	64.55	74.00	-9.45	3	Horizontal	12	1.97	-
2452MHz	Pass	AV	2.3836G	49.27	54.00	-4.73	3	Vertical	1	1.86	-
2452MHz	Pass	AV	2.4528G	107.75	Inf	-Inf	3	Vertical	1	1.86	-
2452MHz	Pass	AV	2.4835G	53.67	54.00	-0.33	3	Vertical	1	1.86	-
2452MHz	Pass	PK	2.3772G	59.19	74.00	-14.81	3	Vertical	1	1.86	-
2452MHz	Pass	PK	2.4408G	117.86	Inf	-Inf	3	Vertical	1	1.86	-
2452MHz	Pass	PK	2.4904G	63.85	74.00	-10.15	3	Vertical	1	1.86	-
2452MHz	Pass	AV	2.37G	48.70	54.00	-5.30	3	Horizontal	18	1.88	-
2452MHz	Pass	AV	2.4512G	107.56	Inf	-Inf	3	Horizontal	18	1.88	-
2452MHz	Pass	AV	2.4884G	53.38	54.00	-0.62	3	Horizontal	18	1.88	-
2452MHz	Pass	PK	2.37G	59.07	74.00	-14.93	3	Horizontal	18	1.88	-
2452MHz	Pass	PK	2.4556G	117.04	Inf	-Inf	3	Horizontal	18	1.88	-
2452MHz	Pass	PK	2.4856G	63.83	74.00	-10.17	3	Horizontal	18	1.88	-
2452MHz	Pass	AV	4.90642G	35.03	54.00	-18.97	3	Vertical	233	1.11	-
2452MHz	Pass	PK	4.90169G	45.60	74.00	-28.40	3	Vertical	233	1.11	-
2452MHz	Pass	AV	4.904G	34.65	54.00	-19.35	3	Horizontal	358	1.50	-
2452MHz	Pass	PK	4.9049G	45.71	74.00	-28.29	3	Horizontal	358	1.50	-

802.11b_Nss1,(1Mbps)_2TX

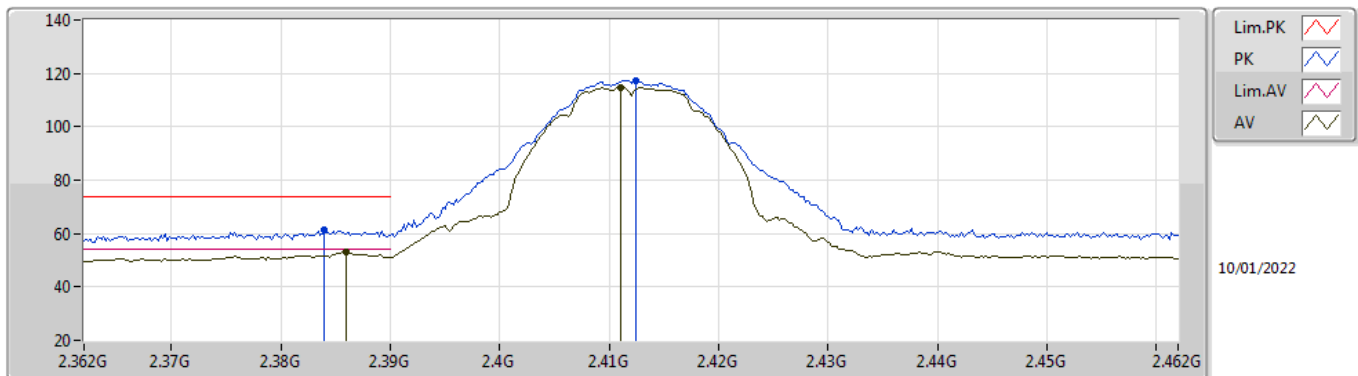
2412MHz_TX



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	2.3858G	53.70	54.00	-0.30	32.23	3	Vertical	9	1.86	-	21.47	27.66	4.57	-
AV	2.411G	114.88	Inf	-Inf	32.16	3	Vertical	9	1.86	-	82.72	27.58	4.58	-
PK	2.3698G	61.43	74.00	-12.57	32.27	3	Vertical	9	1.86	-	29.16	27.72	4.55	-
PK	2.4124G	117.43	Inf	-Inf	32.16	3	Vertical	9	1.86	-	85.27	27.58	4.58	-

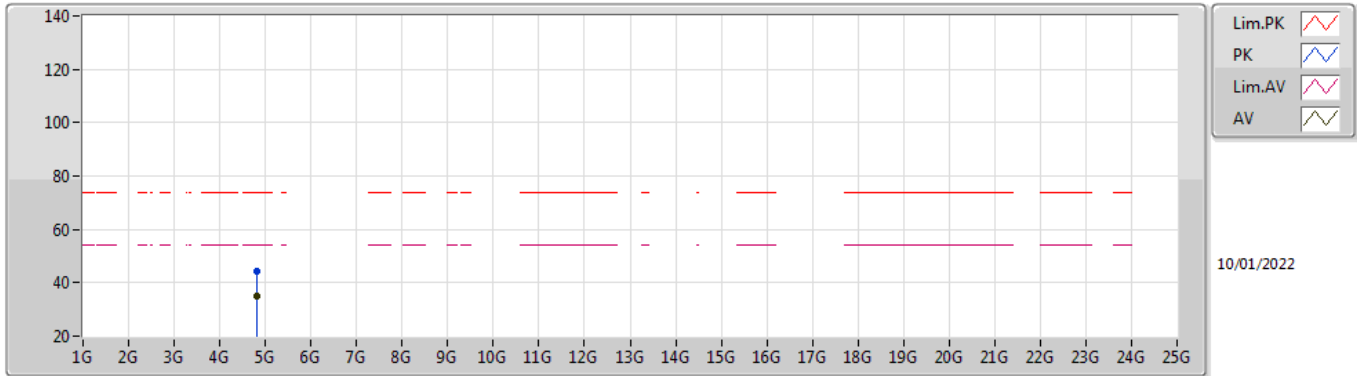
802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX



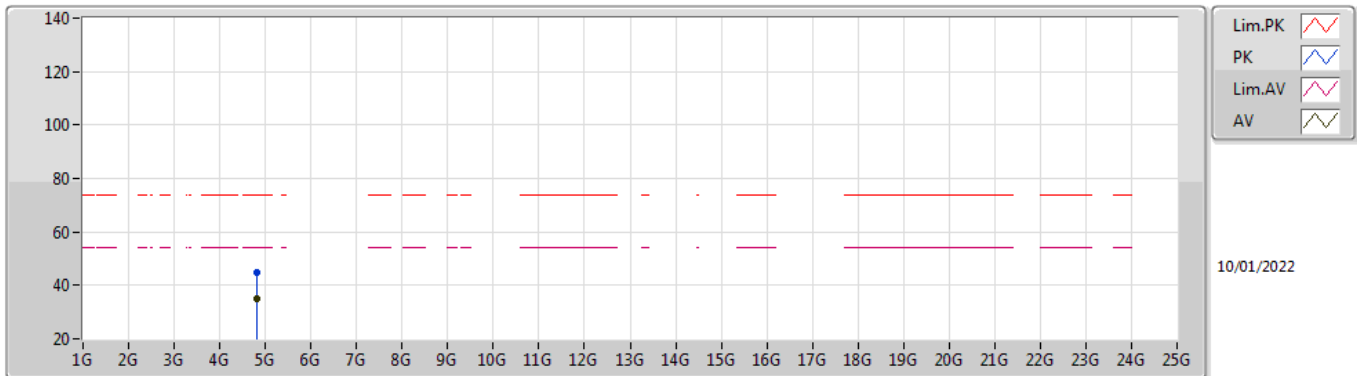
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	53.31	54.00	-0.69	32.23	3	Horizontal	4	2.03	-	21.08	27.66	4.57	-
AV	2.411G	114.77	Inf	-Inf	32.16	3	Horizontal	4	2.03	-	82.61	27.58	4.58	-
PK	2.384G	61.39	74.00	-12.61	32.22	3	Horizontal	4	2.03	-	29.17	27.66	4.56	-
PK	2.4124G	117.42	Inf	-Inf	32.16	3	Horizontal	4	2.03	-	85.26	27.58	4.58	-

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	4.82629G	34.81	54.00	-19.19	2.97	3	Vertical	103	1.21	-	31.84	31.10	6.68	34.81
PK	4.82498G	44.56	74.00	-29.44	2.97	3	Vertical	103	1.21	-	41.59	31.10	6.68	34.81

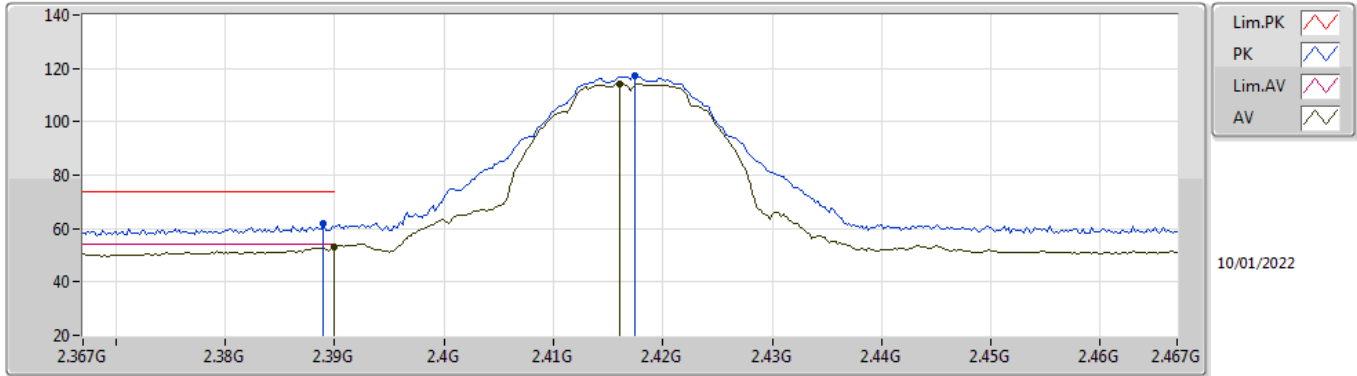
802.11b_Nss1,(1Mbps)_2TX
2412MHz_TX



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	4.82447G	34.90	54.00	-19.10	2.97	3	Horizontal	105	1.50	-	31.93	31.10	6.68	34.81
PK	4.82615G	45.07	74.00	-28.93	2.97	3	Horizontal	105	1.50	-	42.10	31.10	6.68	34.81

802.11b_Nss1,(1Mbps)_2TX

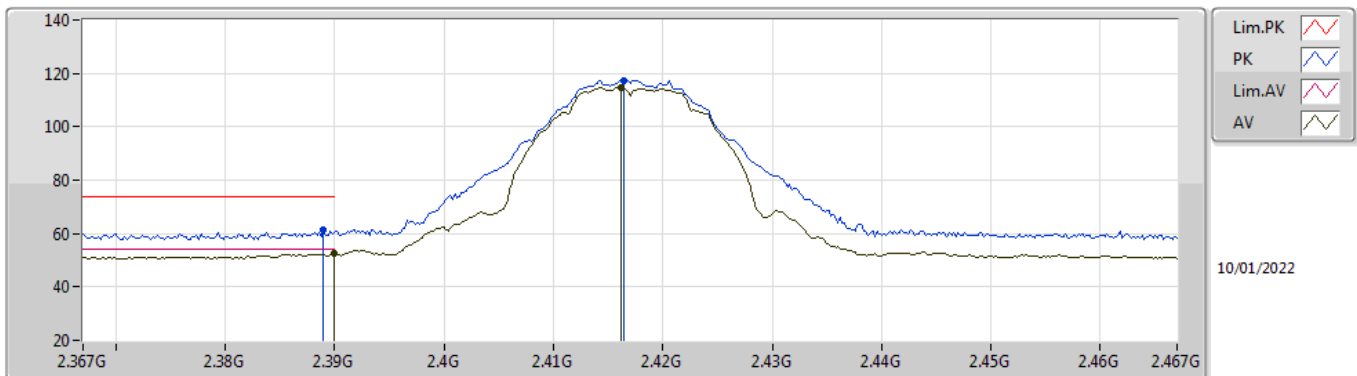
2417MHz_TX



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	2.39G	53.31	54.00	-0.69	32.21	3	Vertical	4	1.94	-	21.10	27.64	4.57	-
AV	2.416G	114.33	Inf	-Inf	32.16	3	Vertical	4	1.94	-	82.17	27.57	4.59	-
PK	2.389G	62.15	74.00	-11.85	32.21	3	Vertical	4	1.94	-	29.94	27.64	4.57	-
PK	2.4174G	117.22	Inf	-Inf	32.16	3	Vertical	4	1.94	-	85.06	27.57	4.59	-

802.11b_Nss1,(1Mbps)_2TX

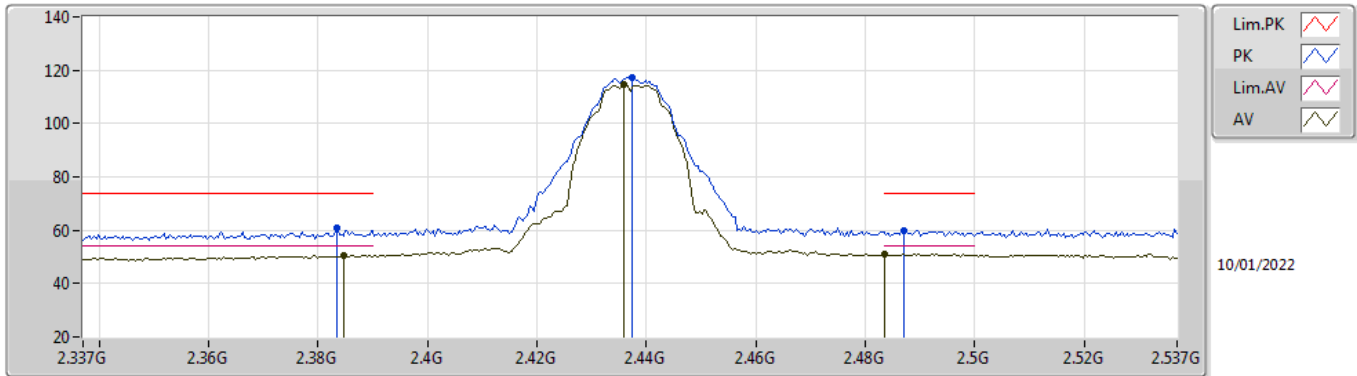
2417MHz_TX



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	2.39G	52.33	54.00	-1.67	32.21	3	Horizontal	17	1.98	-	20.12	27.64	4.57	-
AV	2.4162G	114.78	Inf	-Inf	32.16	3	Horizontal	17	1.98	-	82.62	27.57	4.59	-
PK	2.389G	61.13	74.00	-12.87	32.21	3	Horizontal	17	1.98	-	28.92	27.64	4.57	-
PK	2.4164G	117.23	Inf	-Inf	32.16	3	Horizontal	17	1.98	-	85.07	27.57	4.59	-

802.11b_Nss1,(1Mbps)_2TX

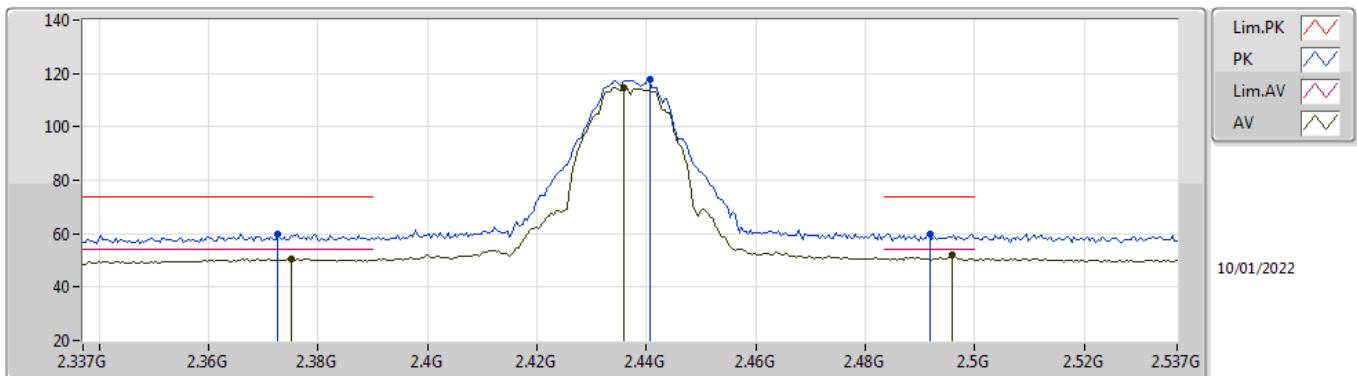
2437MHz_TX



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	2.3846G	50.52	54.00	-3.48	32.23	3	Vertical	0	1.81	-	18.29	27.66	4.57	-
AV	2.4358G	114.69	Inf	-Inf	32.12	3	Vertical	0	1.81	-	82.57	27.53	4.59	-
AV	2.4835G	51.29	54.00	-2.71	32.11	3	Vertical	0	1.81	-	19.18	27.50	4.61	-
PK	2.3834G	60.73	74.00	-13.27	32.23	3	Vertical	0	1.81	-	28.50	27.67	4.56	-
PK	2.4374G	117.33	Inf	-Inf	32.12	3	Vertical	0	1.81	-	85.21	27.53	4.59	-
PK	2.487G	60.02	74.00	-13.98	32.11	3	Vertical	0	1.81	-	27.91	27.50	4.61	-

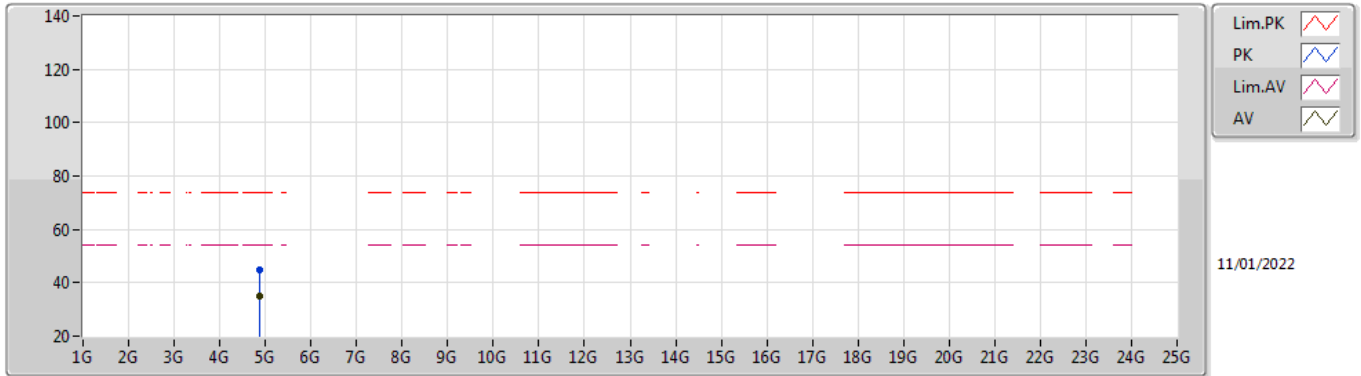
802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



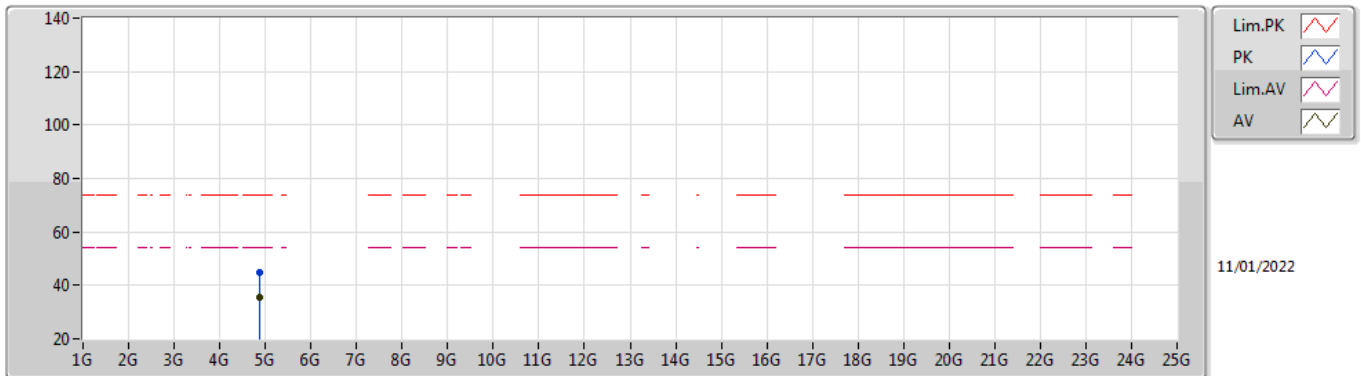
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.375G	50.64	54.00	-3.36	32.26	3	Horizontal	13	1.88	-	18.38	27.70	4.56	-
AV	2.4358G	114.79	Inf	-Inf	32.12	3	Horizontal	13	1.88	-	82.67	27.53	4.59	-
AV	2.4958G	51.96	54.00	-2.04	32.12	3	Horizontal	13	1.88	-	19.84	27.50	4.62	-
PK	2.3726G	59.85	74.00	-14.15	32.26	3	Horizontal	13	1.88	-	27.59	27.71	4.55	-
PK	2.4406G	117.74	Inf	-Inf	32.12	3	Horizontal	13	1.88	-	85.62	27.52	4.60	-
PK	2.4918G	60.08	74.00	-13.92	32.12	3	Horizontal	13	1.88	-	27.96	27.50	4.62	-

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	4.87588G	35.17	54.00	-18.83	3.03	3	Vertical	358	1.50	-	32.14	31.10	6.72	34.79
PK	4.8745G	44.93	74.00	-29.07	3.03	3	Vertical	358	1.50	-	41.90	31.10	6.72	34.79

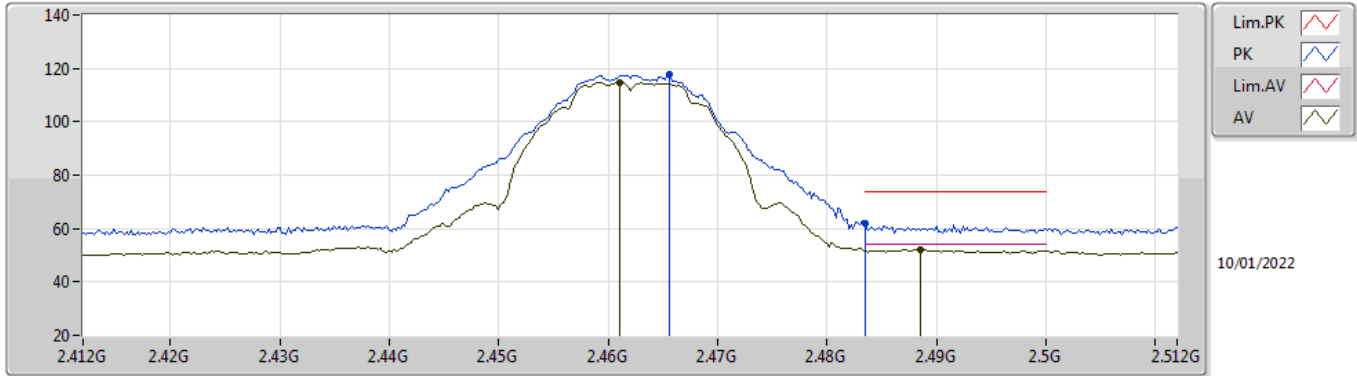
802.11b_Nss1,(1Mbps)_2TX
2437MHz_TX



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	4.86946G	35.33	54.00	-18.67	3.02	3	Horizontal	174	1.13	-	32.31	31.10	6.71	34.79
PK	4.87756G	44.61	74.00	-29.39	3.03	3	Horizontal	174	1.13	-	41.58	31.10	6.72	34.79

802.11b_Nss1,(1Mbps)_2TX

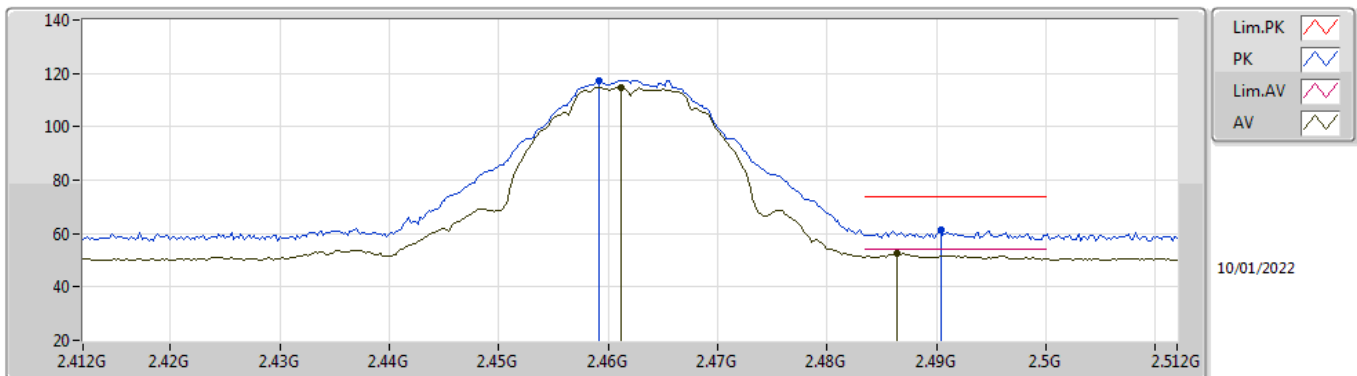
2462MHz_TX



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	2.461G	114.63	Inf	-Inf	32.10	3	Vertical	3	1.96	-	82.53	27.50	4.60	-
AV	2.4886G	52.15	54.00	-1.85	32.12	3	Vertical	3	1.96	-	20.03	27.50	4.62	-
PK	2.4656G	117.78	Inf	-Inf	32.11	3	Vertical	3	1.96	-	85.67	27.50	4.61	-
PK	2.4835G	61.86	74.00	-12.14	32.11	3	Vertical	3	1.96	-	29.75	27.50	4.61	-

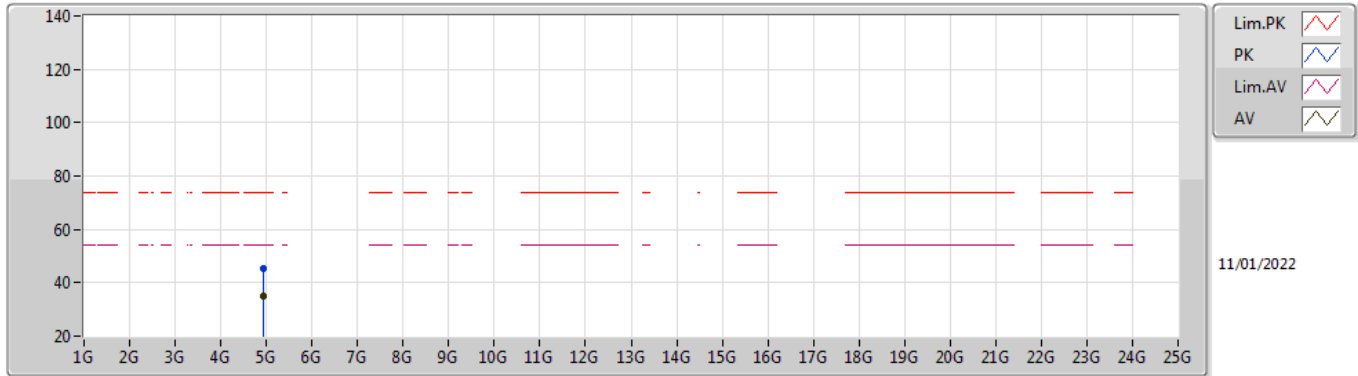
802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



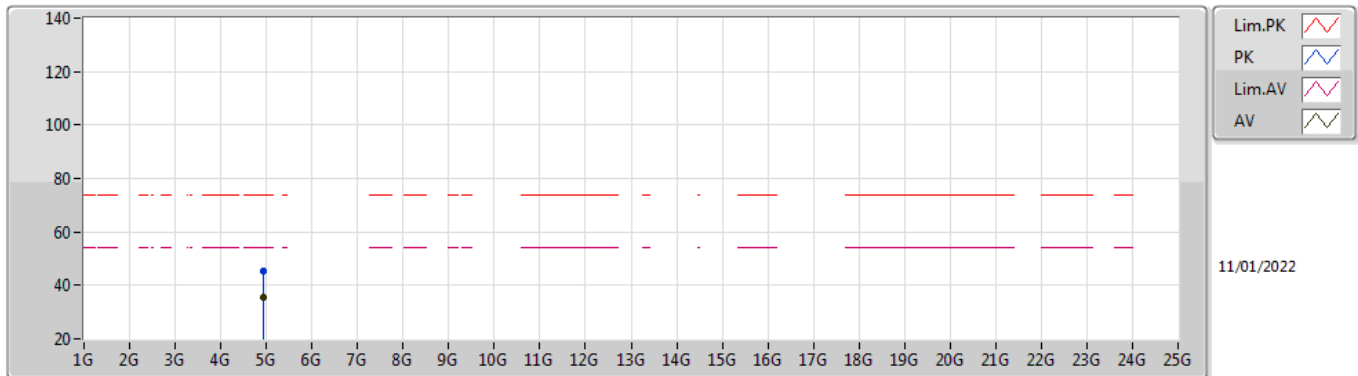
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	114.73	Inf	-Inf	32.10	3	Horizontal	12	1.83	-	82.63	27.50	4.60	-
AV	2.4864G	52.73	54.00	-1.27	32.11	3	Horizontal	12	1.83	-	20.62	27.50	4.61	-
PK	2.4592G	117.39	Inf	-Inf	32.10	3	Horizontal	12	1.83	-	85.29	27.50	4.60	-
PK	2.4904G	61.32	74.00	-12.68	32.12	3	Horizontal	12	1.83	-	29.20	27.50	4.62	-

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	4.92231G	35.17	54.00	-18.83	3.16	3	Vertical	351	1.50	-	32.01	31.19	6.75	34.78
PK	4.9232G	45.18	74.00	-28.82	3.16	3	Vertical	351	1.50	-	42.02	31.19	6.75	34.78

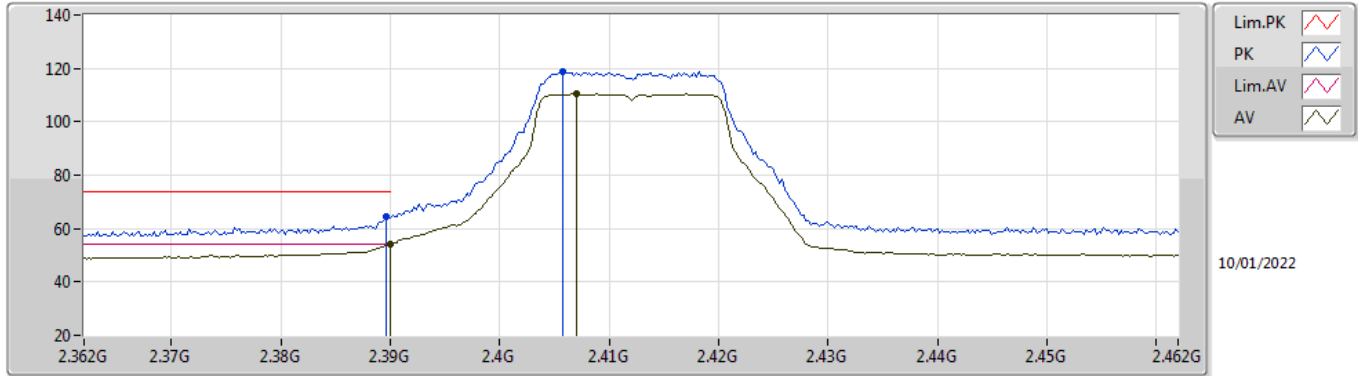
802.11b_Nss1,(1Mbps)_2TX
2462MHz_TX



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	4.92196G	35.49	54.00	-18.51	3.16	3	Horizontal	86	1.50	-	32.33	31.19	6.75	34.78
PK	4.92242G	45.29	74.00	-28.71	3.16	3	Horizontal	86	1.50	-	42.13	31.19	6.75	34.78

802.11g_Nss1,(6Mbps)_2TX

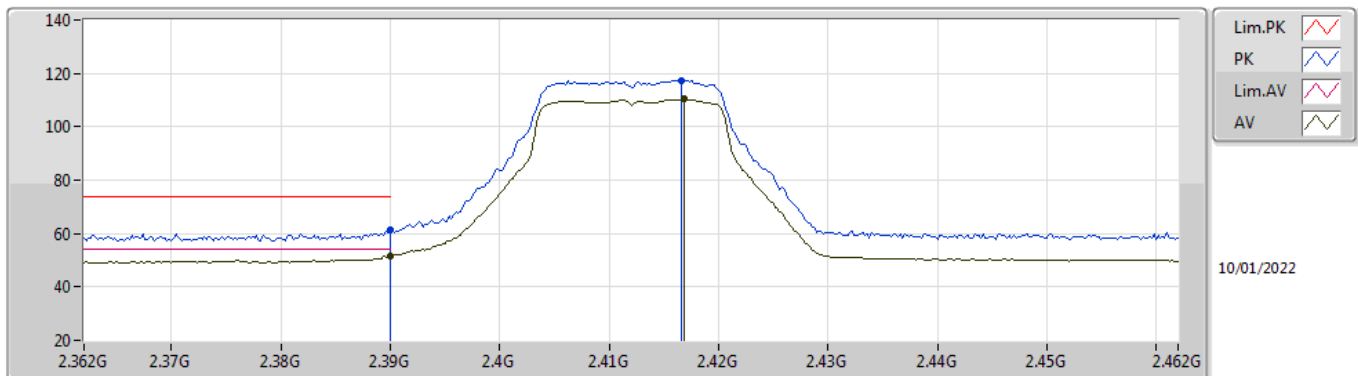
2412MHz_TX



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	2.39G	53.90	54.00	-0.10	32.21	3	Vertical	5	1.91	-	21.69	27.64	4.57	-
AV	2.407G	110.38	Inf	-Inf	32.17	3	Vertical	5	1.91	-	78.21	27.59	4.58	-
PK	2.3896G	64.44	74.00	-9.56	32.21	3	Vertical	5	1.91	-	32.23	27.64	4.57	-
PK	2.4058G	118.92	Inf	-Inf	32.17	3	Vertical	5	1.91	-	86.75	27.59	4.58	-

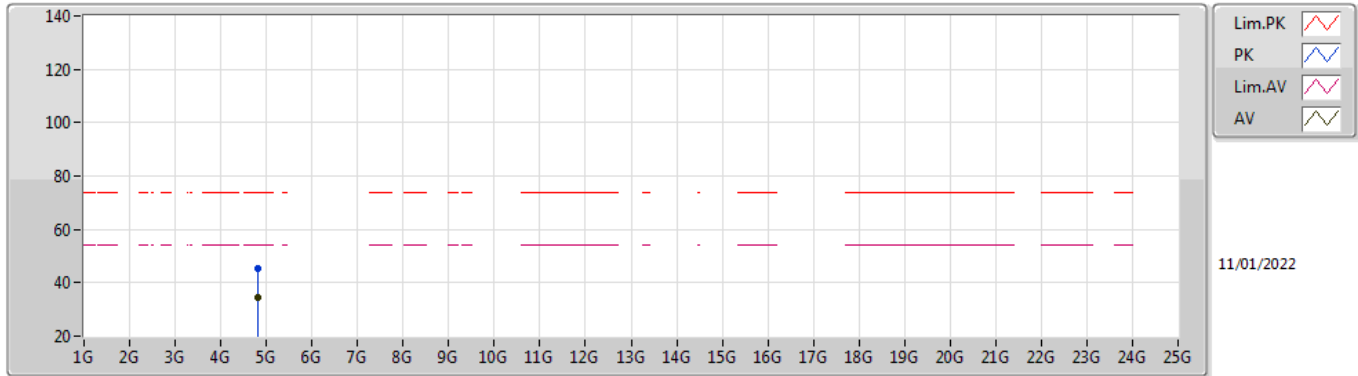
802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



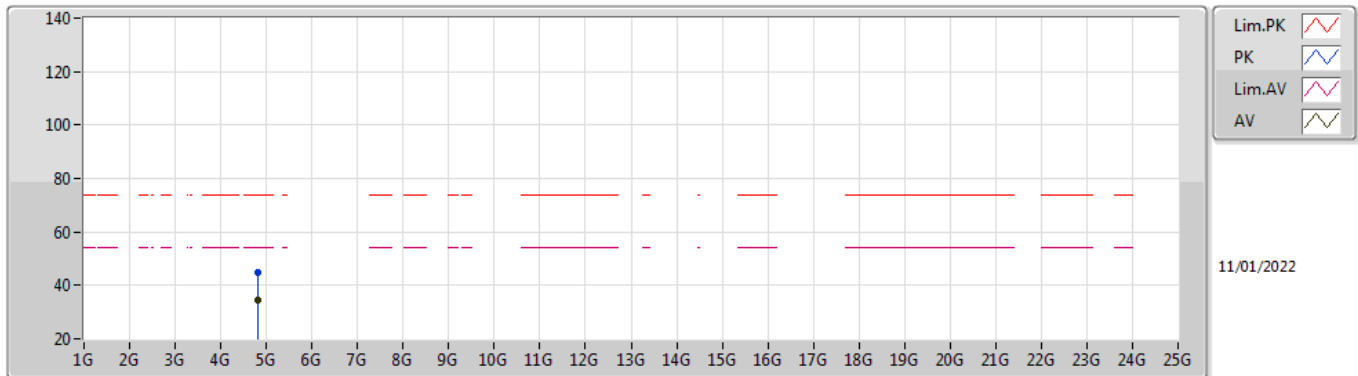
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.33	54.00	-2.67	32.21	3	Horizontal	3	1.96	-	19.12	27.64	4.57	-
AV	2.4168G	110.27	Inf	-Inf	32.16	3	Horizontal	3	1.96	-	78.11	27.57	4.59	-
PK	2.39G	61.40	74.00	-12.60	32.21	3	Horizontal	3	1.96	-	29.19	27.64	4.57	-
PK	2.4166G	117.40	Inf	-Inf	32.16	3	Horizontal	3	1.96	-	85.24	27.57	4.59	-

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	4.82199G	34.43	54.00	-19.57	2.97	3	Vertical	356	1.50	-	31.46	31.10	6.68	34.81
PK	4.82385G	45.32	74.00	-28.68	2.97	3	Vertical	356	1.50	-	42.35	31.10	6.68	34.81

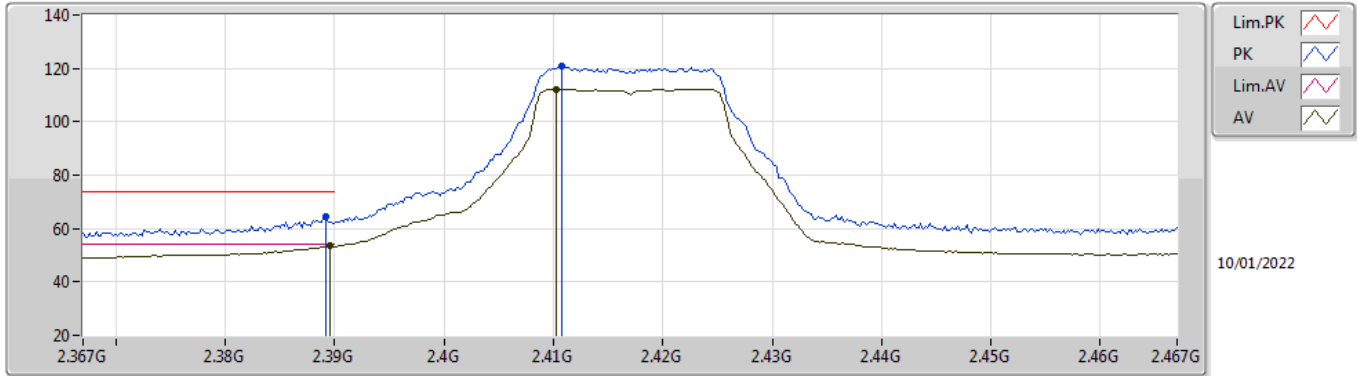
802.11g_Nss1,(6Mbps)_2TX
2412MHz_TX



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	4.82309G	34.54	54.00	-19.46	2.97	3	Horizontal	19	2.99	-	31.57	31.10	6.68	34.81
PK	4.82321G	44.71	74.00	-29.29	2.97	3	Horizontal	19	2.99	-	41.74	31.10	6.68	34.81

802.11g_Nss1,(6Mbps)_2TX

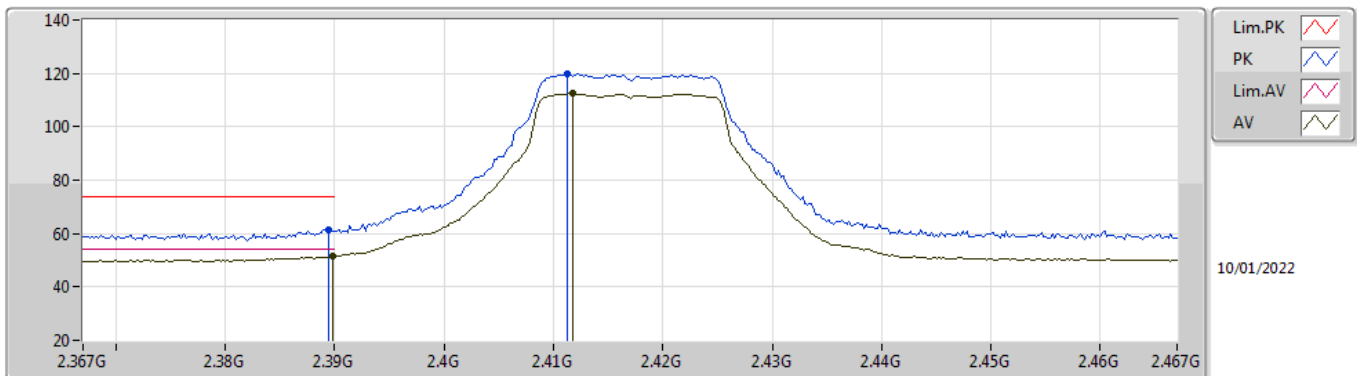
2417MHz_TX



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	2.3896G	53.45	54.00	-0.55	32.21	3	Vertical	5	1.98	-	21.24	27.64	4.57	-
AV	2.4102G	112.22	Inf	-Inf	32.16	3	Vertical	5	1.98	-	80.06	27.58	4.58	-
PK	2.3892G	64.62	74.00	-9.38	32.21	3	Vertical	5	1.98	-	32.41	27.64	4.57	-
PK	2.4108G	120.89	Inf	-Inf	32.16	3	Vertical	5	1.98	-	88.73	27.58	4.58	-

802.11g_Nss1,(6Mbps)_2TX

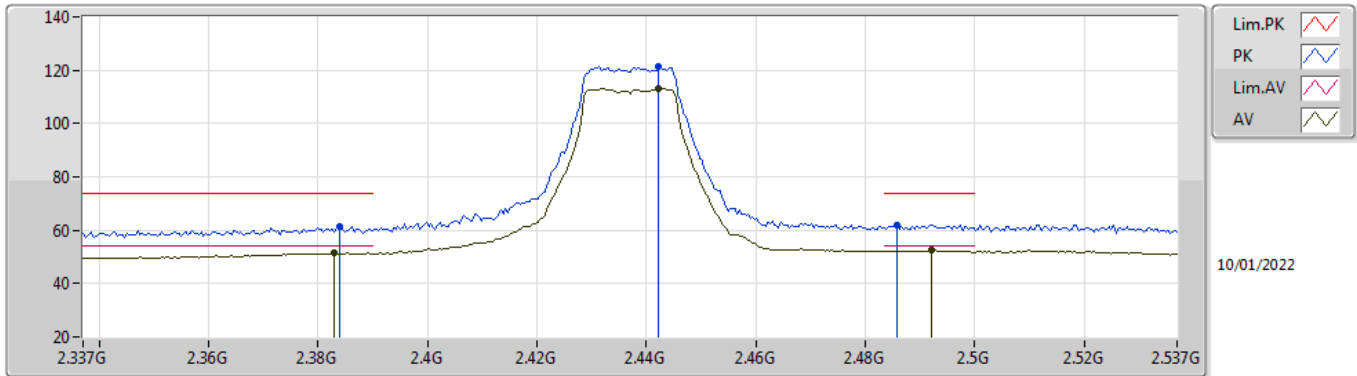
2417MHz_TX



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	2.3898G	51.41	54.00	-2.59	32.21	3	Horizontal	16	1.98	-	19.20	27.64	4.57	-
AV	2.4118G	112.49	Inf	-Inf	32.16	3	Horizontal	16	1.98	-	80.33	27.58	4.58	-
PK	2.3894G	61.63	74.00	-12.37	32.21	3	Horizontal	16	1.98	-	29.42	27.64	4.57	-
PK	2.4112G	119.79	Inf	-Inf	32.16	3	Horizontal	16	1.98	-	87.63	27.58	4.58	-

802.11g_Nss1,(6Mbps)_2TX

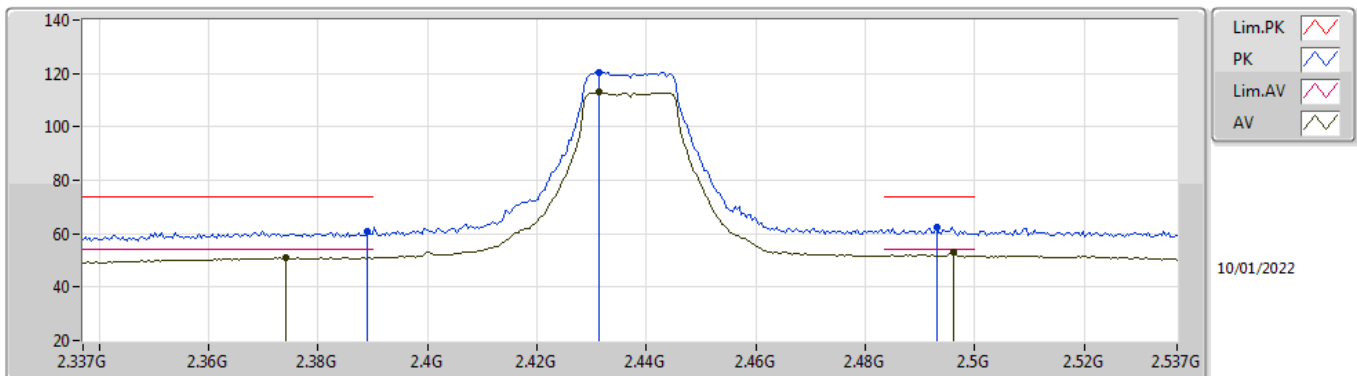
2437MHz_TX



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	2.383G	51.37	54.00	-2.63	32.23	3	Vertical	358	1.87	-	19.14	27.67	4.56	-
AV	2.4422G	113.18	Inf	-Inf	32.12	3	Vertical	358	1.87	-	81.06	27.52	4.60	-
AV	2.4922G	52.56	54.00	-1.44	32.12	3	Vertical	358	1.87	-	20.44	27.50	4.62	-
PK	2.3838G	61.38	74.00	-12.62	32.22	3	Vertical	358	1.87	-	29.16	27.66	4.56	-
PK	2.4422G	121.32	Inf	-Inf	32.12	3	Vertical	358	1.87	-	89.20	27.52	4.60	-
PK	2.4858G	61.78	74.00	-12.22	32.11	3	Vertical	358	1.87	-	29.67	27.50	4.61	-

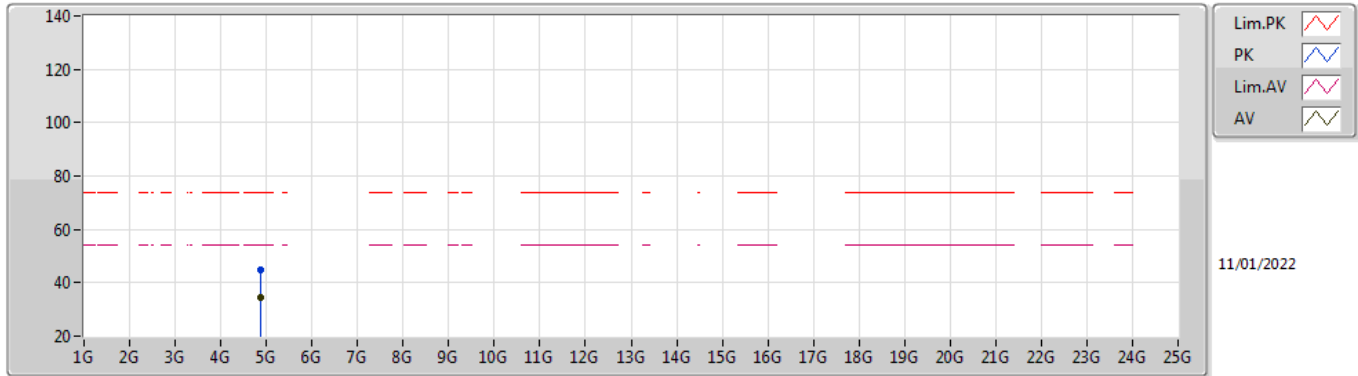
802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX



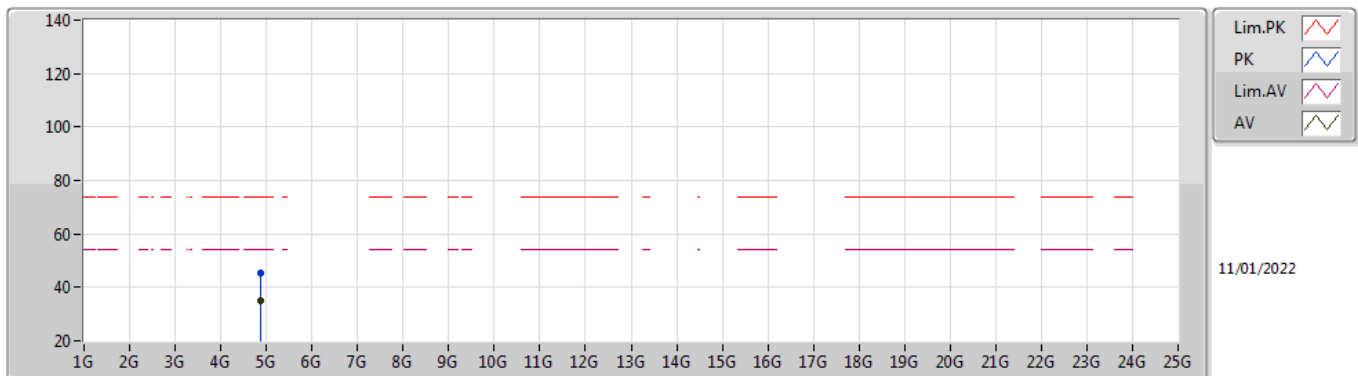
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3742G	51.00	54.00	-3.00	32.26	3	Horizontal	10	1.85	-	18.74	27.70	4.56	-
AV	2.4314G	112.96	Inf	-Inf	32.13	3	Horizontal	10	1.85	-	80.83	27.54	4.59	-
AV	2.4962G	53.34	54.00	-0.66	32.12	3	Horizontal	10	1.85	-	21.22	27.50	4.62	-
PK	2.389G	61.01	74.00	-12.99	32.21	3	Horizontal	10	1.85	-	28.80	27.64	4.57	-
PK	2.4314G	120.55	Inf	-Inf	32.13	3	Horizontal	10	1.85	-	88.42	27.54	4.59	-
PK	2.493G	62.62	74.00	-11.38	32.12	3	Horizontal	10	1.85	-	30.50	27.50	4.62	-

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	4.87406G	34.71	54.00	-19.29	3.03	3	Vertical	355	1.50	-	31.68	31.10	6.72	34.79
PK	4.87494G	44.63	74.00	-29.37	3.03	3	Vertical	355	1.50	-	41.60	31.10	6.72	34.79

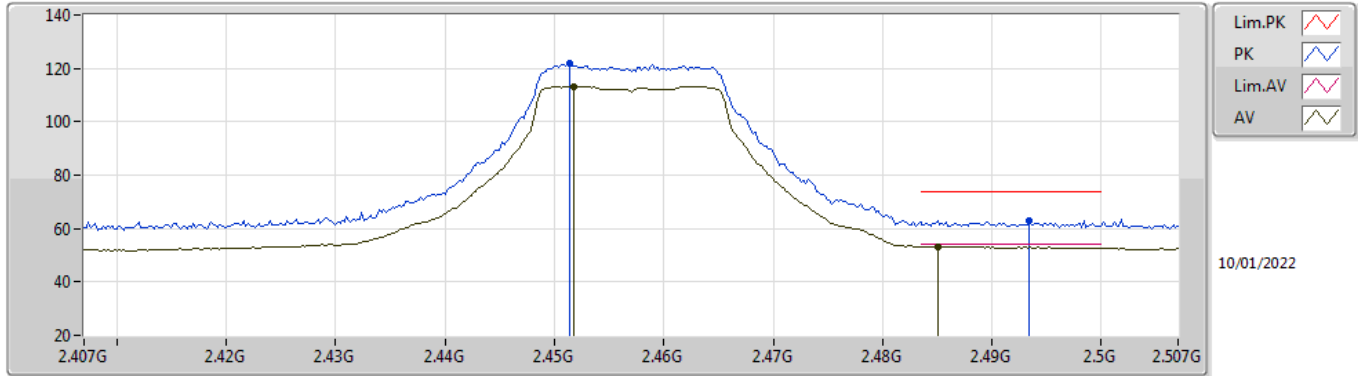
802.11g_Nss1,(6Mbps)_2TX
2437MHz_TX



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	4.87435G	35.16	54.00	-18.84	3.03	3	Horizontal	24	1.50	-	32.13	31.10	6.72	34.79
PK	4.87615G	45.44	74.00	-28.56	3.03	3	Horizontal	24	1.50	-	42.41	31.10	6.72	34.79

802.11g_Nss1,(6Mbps)_2TX

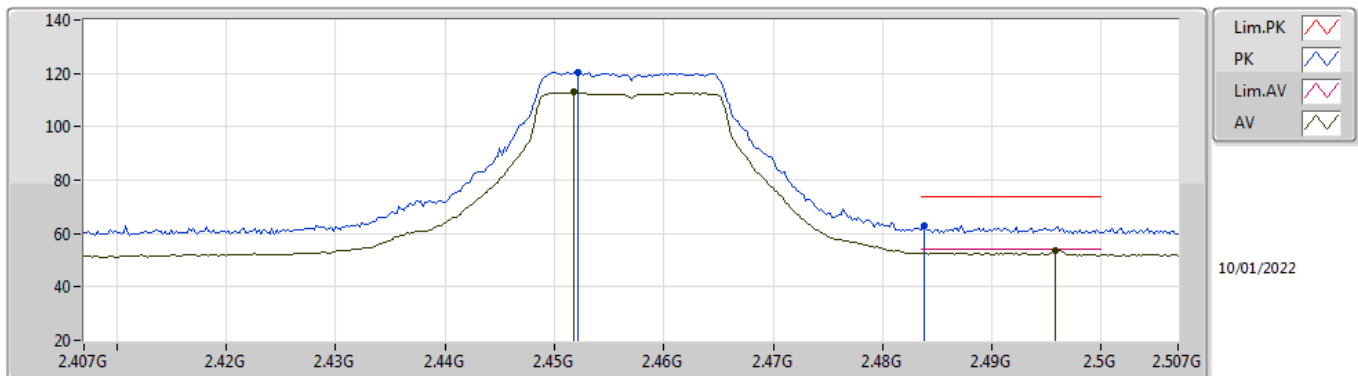
2457MHz_TX



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	2.4518G	113.25	Inf	-Inf	32.10	3	Vertical	358	1.92	-	81.15	27.50	4.60	-
AV	2.485G	53.24	54.00	-0.76	32.11	3	Vertical	358	1.92	-	21.13	27.50	4.61	-
PK	2.4514G	121.76	Inf	-Inf	32.10	3	Vertical	358	1.92	-	89.66	27.50	4.60	-
PK	2.4934G	63.07	74.00	-10.93	32.12	3	Vertical	358	1.92	-	30.95	27.50	4.62	-

802.11g_Nss1,(6Mbps)_2TX

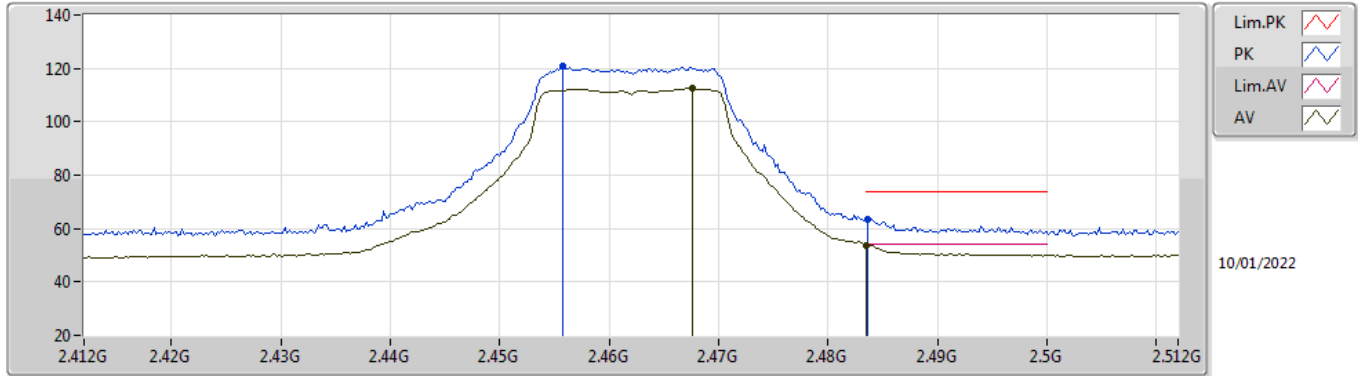
2457MHz_TX



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	2.4518G	112.86	Inf	-Inf	32.10	3	Horizontal	14	1.83	-	80.76	27.50	4.60	-
AV	2.4958G	53.81	54.00	-0.19	32.12	3	Horizontal	14	1.83	-	21.69	27.50	4.62	-
PK	2.4522G	120.30	Inf	-Inf	32.10	3	Horizontal	14	1.83	-	88.20	27.50	4.60	-
PK	2.4838G	62.86	74.00	-11.14	32.11	3	Horizontal	14	1.83	-	30.75	27.50	4.61	-

802.11g_Nss1,(6Mbps)_2TX

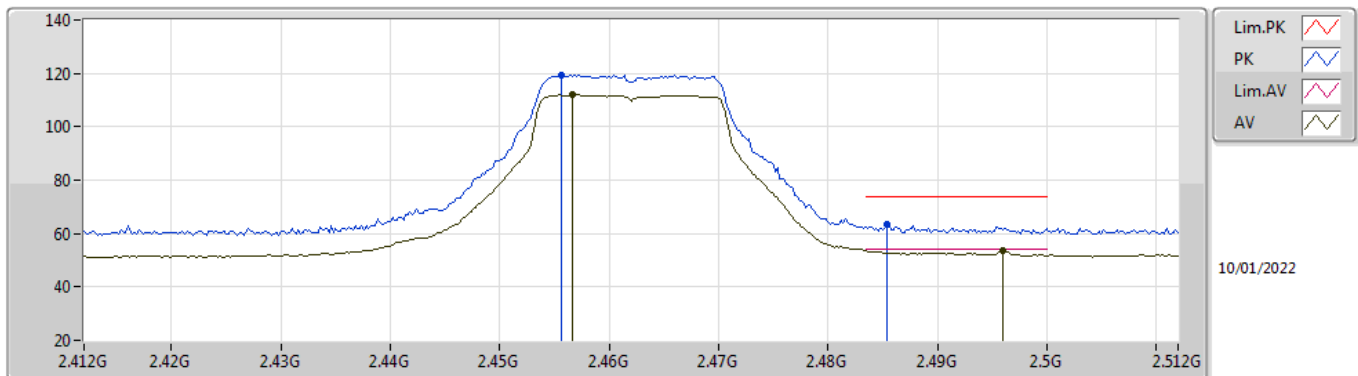
2462MHz_TX



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	2.4676G	112.53	Inf	-Inf	32.11	3	Vertical	0	1.97	-	80.42	27.50	4.61	-
AV	2.4835G	53.78	54.00	-0.22	32.11	3	Vertical	0	1.97	-	21.67	27.50	4.61	-
PK	2.4558G	120.74	Inf	-Inf	32.10	3	Vertical	0	1.97	-	88.64	27.50	4.60	-
PK	2.4836G	63.44	74.00	-10.56	32.11	3	Vertical	0	1.97	-	31.33	27.50	4.61	-

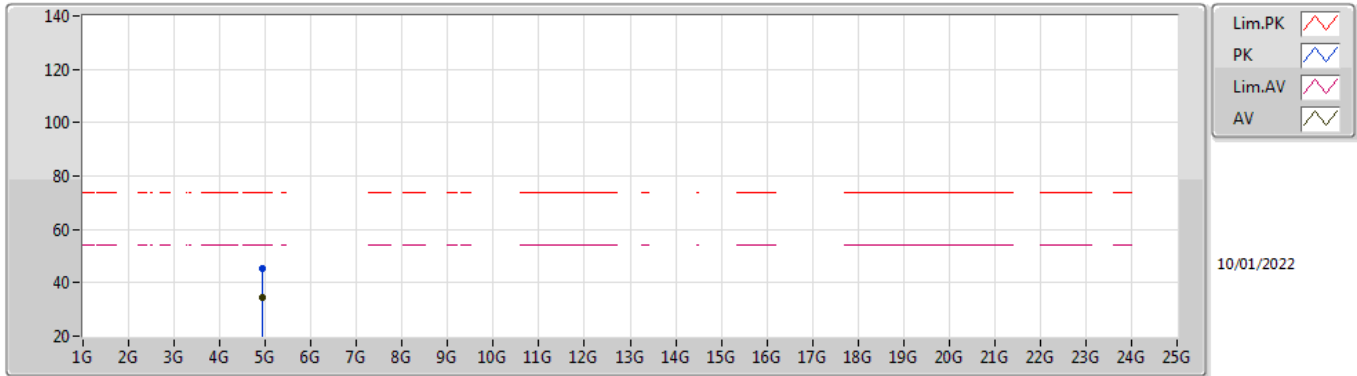
802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



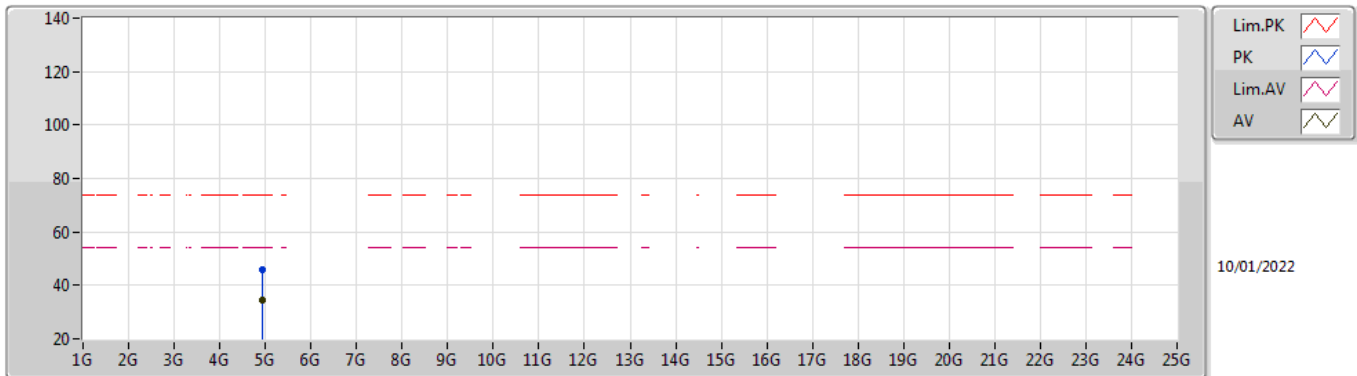
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4566G	111.98	Inf	-Inf	32.10	3	Horizontal	15	1.78	-	79.88	27.50	4.60	-
AV	2.496G	53.84	54.00	-0.16	32.12	3	Horizontal	15	1.78	-	21.72	27.50	4.62	-
PK	2.4556G	119.37	Inf	-Inf	32.10	3	Horizontal	15	1.78	-	87.27	27.50	4.60	-
PK	2.4854G	63.56	74.00	-10.44	32.11	3	Horizontal	15	1.78	-	31.45	27.50	4.61	-

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	4.92158G	34.68	54.00	-19.32	3.16	3	Vertical	114	2.60	-	31.52	31.19	6.75	34.78
PK	4.92372G	45.38	74.00	-28.62	3.16	3	Vertical	114	2.60	-	42.22	31.19	6.75	34.78

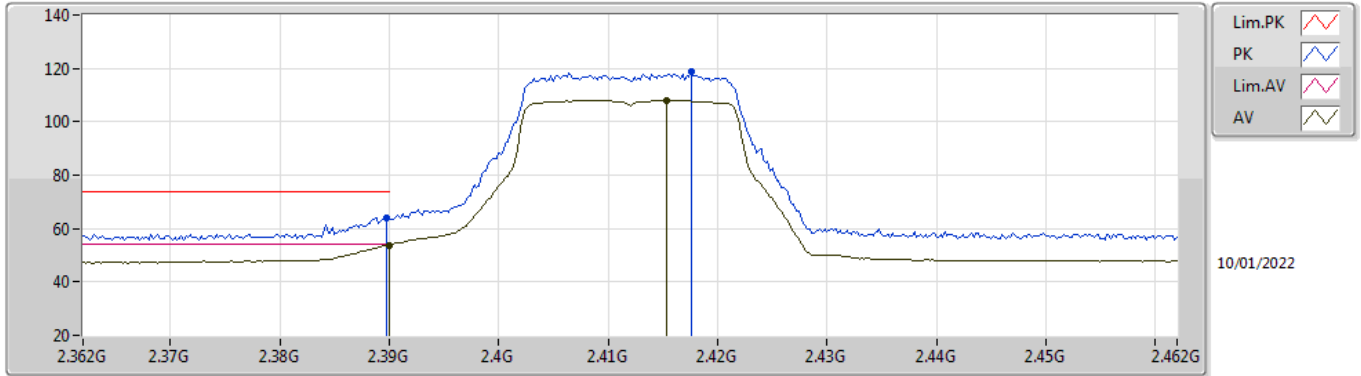
802.11g_Nss1,(6Mbps)_2TX
2462MHz_TX



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	4.92293G	34.59	54.00	-19.41	3.16	3	Horizontal	52	1.50	-	31.43	31.19	6.75	34.78
PK	4.92215G	45.75	74.00	-28.25	3.16	3	Horizontal	52	1.50	-	42.59	31.19	6.75	34.78

802.11ax HEW20_Nss1,(MCS0)_2TX

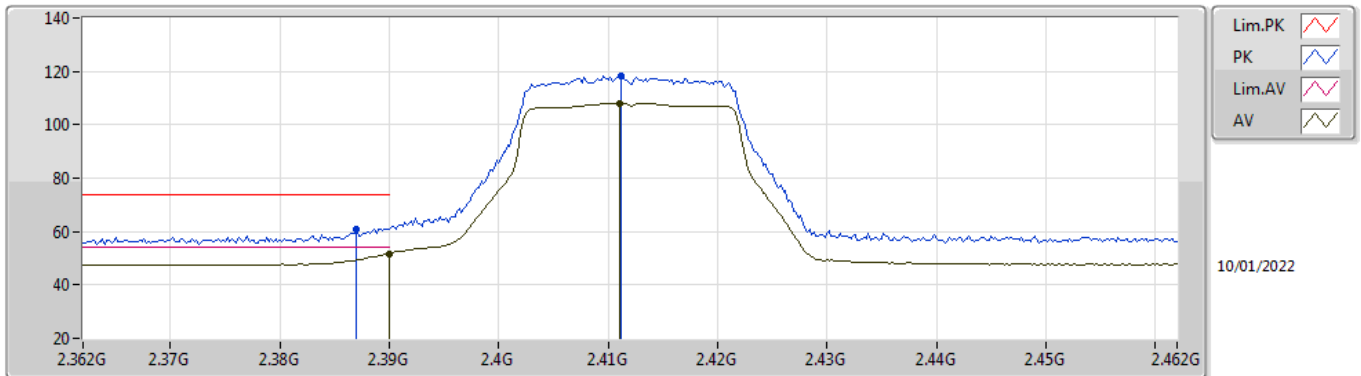
2412MHz_TX



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	2.39G	53.86	54.00	-0.14	32.21	3	Vertical	0	1.93	-	21.65	27.64	4.57	-
AV	2.4154G	107.97	Inf	-Inf	32.16	3	Vertical	0	1.93	-	75.81	27.57	4.59	-
PK	2.3898G	63.83	74.00	-10.17	32.21	3	Vertical	0	1.93	-	31.62	27.64	4.57	-
PK	2.4176G	118.83	Inf	-Inf	32.15	3	Vertical	0	1.93	-	86.68	27.56	4.59	-

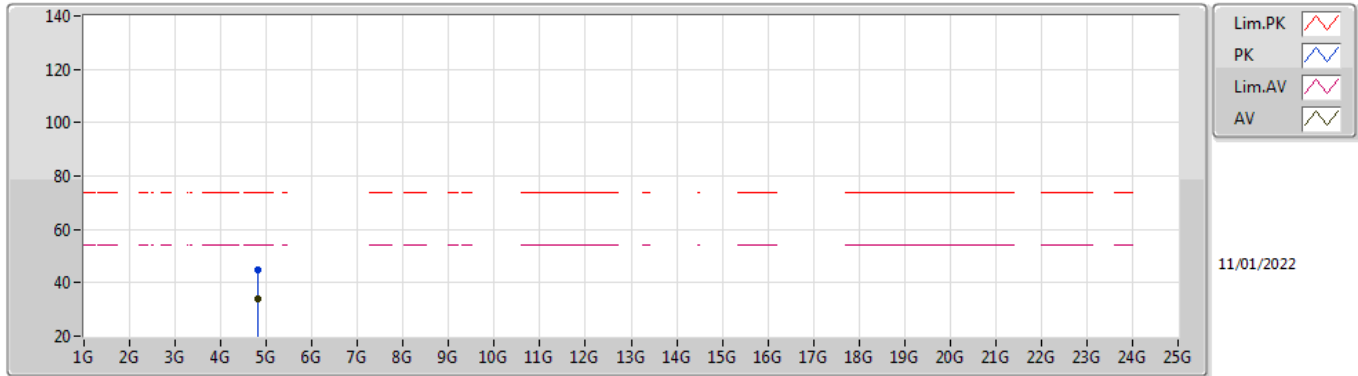
802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX



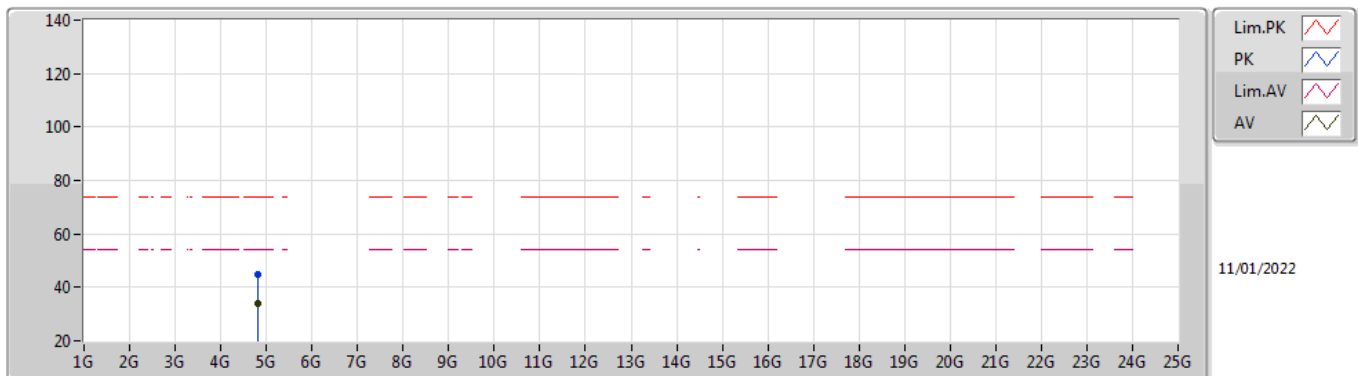
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.64	54.00	-2.36	32.21	3	Horizontal	12	2.05	-	19.43	27.64	4.57	-
AV	2.411G	108.15	Inf	-Inf	32.16	3	Horizontal	12	2.05	-	75.99	27.58	4.58	-
PK	2.387G	61.09	74.00	-12.91	32.22	3	Horizontal	12	2.05	-	28.87	27.65	4.57	-
PK	2.4112G	118.18	Inf	-Inf	32.16	3	Horizontal	12	2.05	-	86.02	27.58	4.58	-

**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	4.82249G	34.04	54.00	-19.96	2.97	3	Vertical	37	1.50	-	31.07	31.10	6.68	34.81
PK	4.82318G	44.72	74.00	-29.28	2.97	3	Vertical	37	1.50	-	41.75	31.10	6.68	34.81

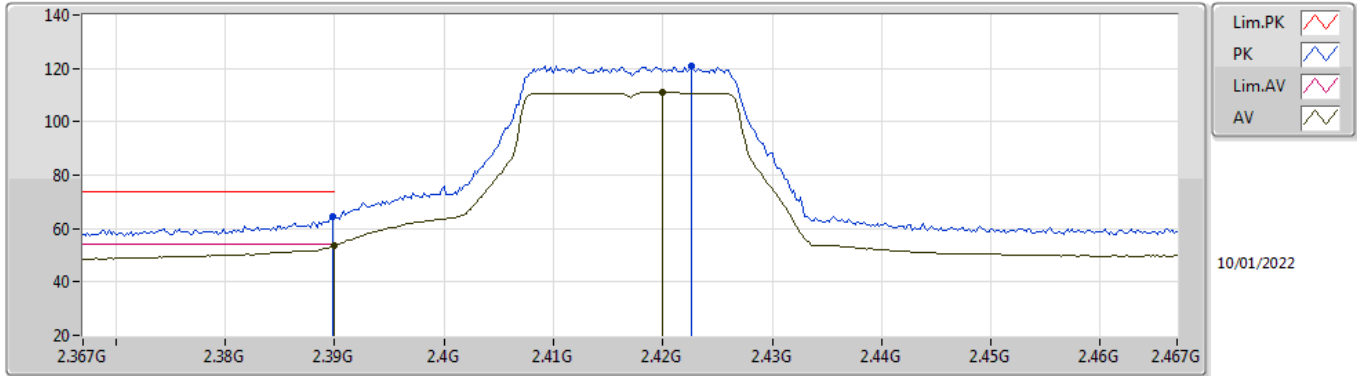
**802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz_TX**



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	4.82198G	34.21	54.00	-19.79	2.97	3	Horizontal	331	1.50	-	31.24	31.10	6.68	34.81
PK	4.82286G	44.95	74.00	-29.05	2.97	3	Horizontal	331	1.50	-	41.98	31.10	6.68	34.81

802.11ax HEW20_Nss1,(MCS0)_2TX

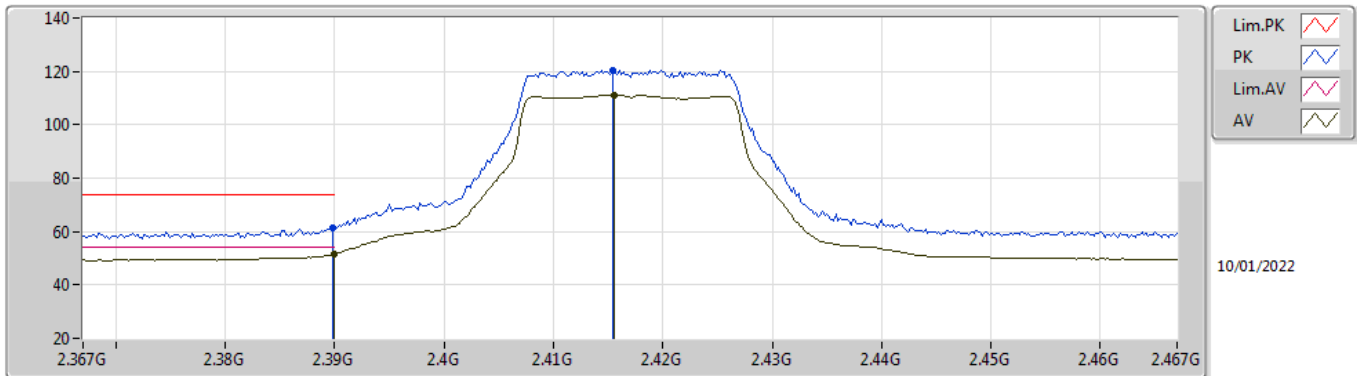
2417MHz_TX



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	2.39G	53.65	54.00	-0.35	32.21	3	Vertical	0	1.94	-	21.44	27.64	4.57	-
AV	2.42G	111.05	Inf	-Inf	32.15	3	Vertical	0	1.94	-	78.90	27.56	4.59	-
PK	2.3898G	64.60	74.00	-9.40	32.21	3	Vertical	0	1.94	-	32.39	27.64	4.57	-
PK	2.4226G	121.08	Inf	-Inf	32.14	3	Vertical	0	1.94	-	88.94	27.55	4.59	-

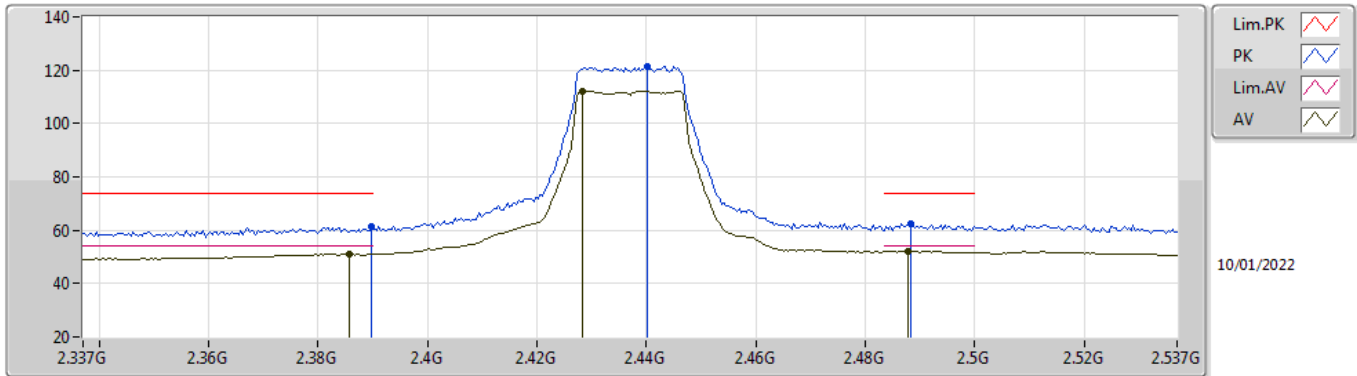
802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX



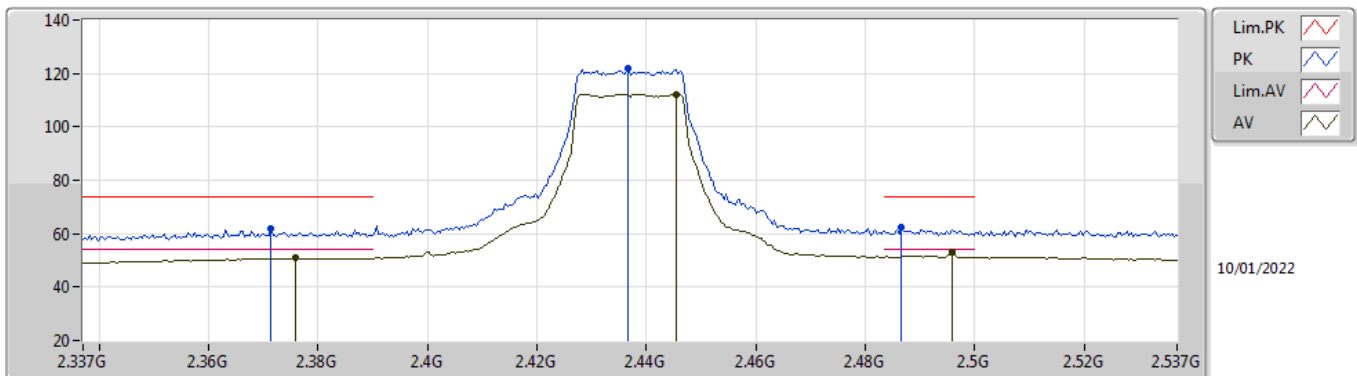
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.71	54.00	-2.29	32.21	3	Horizontal	16	1.91	-	19.50	27.64	4.57	-
AV	2.4156G	111.27	Inf	-Inf	32.16	3	Horizontal	16	1.91	-	79.11	27.57	4.59	-
PK	2.3898G	61.55	74.00	-12.45	32.21	3	Horizontal	16	1.91	-	29.34	27.64	4.57	-
PK	2.4154G	120.43	Inf	-Inf	32.16	3	Horizontal	16	1.91	-	88.27	27.57	4.59	-

**802.11ax HEW20_Nss1,(MCS0)_2TX
2437MHz_TX**



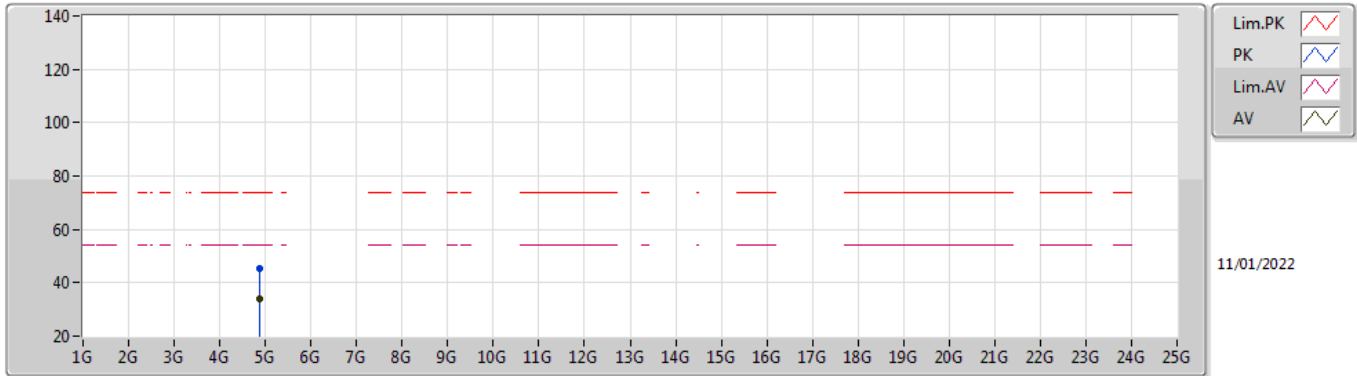
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3858G	51.05	54.00	-2.95	32.23	3	Vertical	1	1.88	-	18.82	27.66	4.57	-
AV	2.4282G	112.25	Inf	-Inf	32.13	3	Vertical	1	1.88	-	80.12	27.54	4.59	-
AV	2.4878G	52.03	54.00	-1.97	32.12	3	Vertical	1	1.88	-	19.91	27.50	4.62	-
PK	2.3898G	61.55	74.00	-12.45	32.21	3	Vertical	1	1.88	-	29.34	27.64	4.57	-
PK	2.4402G	121.55	Inf	-Inf	32.12	3	Vertical	1	1.88	-	89.43	27.52	4.60	-
PK	2.4882G	62.50	74.00	-11.50	32.12	3	Vertical	1	1.88	-	30.38	27.50	4.62	-

**802.11ax HEW20_Nss1,(MCS0)_2TX
2437MHz_TX**



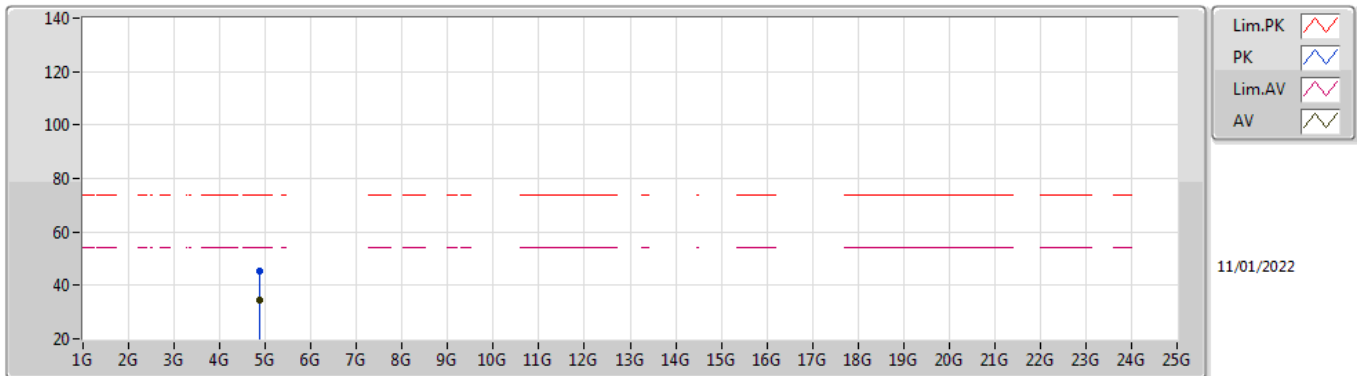
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3758G	50.80	54.00	-3.20	32.26	3	Horizontal	15	1.88	-	18.54	27.70	4.56	-
AV	2.4454G	112.22	Inf	-Inf	32.11	3	Horizontal	15	1.88	-	80.11	27.51	4.60	-
AV	2.4958G	52.97	54.00	-1.03	32.12	3	Horizontal	15	1.88	-	20.85	27.50	4.62	-
PK	2.3714G	61.72	74.00	-12.28	32.26	3	Horizontal	15	1.88	-	29.46	27.71	4.55	-
PK	2.4366G	121.94	Inf	-Inf	32.12	3	Horizontal	15	1.88	-	89.82	27.53	4.59	-
PK	2.4866G	62.22	74.00	-11.78	32.11	3	Horizontal	15	1.88	-	30.11	27.50	4.61	-

**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	4.87544G	34.17	54.00	-19.83	3.03	3	Vertical	360	1.34	-	31.14	31.10	6.72	34.79
PK	4.87526G	45.60	74.00	-28.40	3.03	3	Vertical	360	1.34	-	42.57	31.10	6.72	34.79

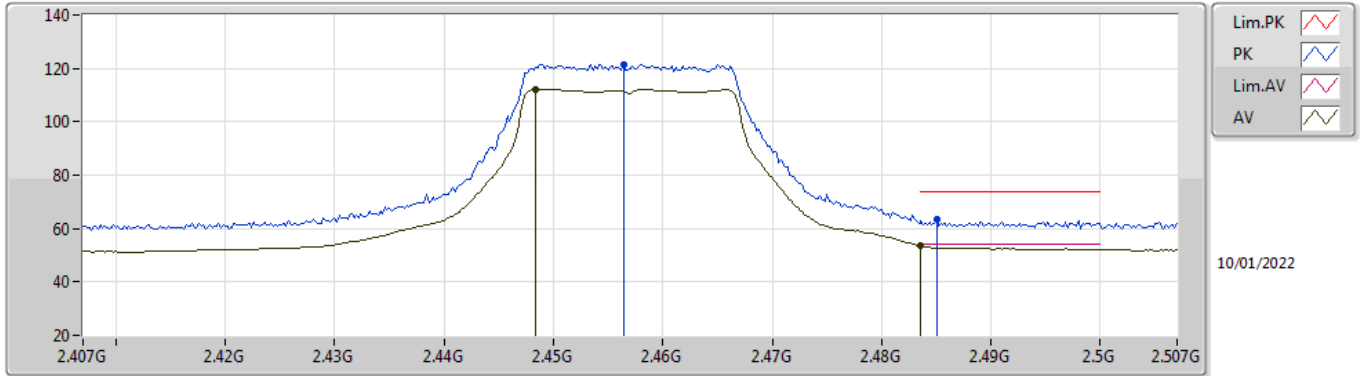
**802.11ax HEW20_Nss1,(MCS0)_2TX
2437MHz_TX**



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	4.87563G	34.24	54.00	-19.76	3.03	3	Horizontal	63	1.50	-	31.21	31.10	6.72	34.79
PK	4.87508G	45.22	74.00	-28.78	3.03	3	Horizontal	63	1.50	-	42.19	31.10	6.72	34.79

802.11ax HEW20_Nss1,(MCS0)_2TX

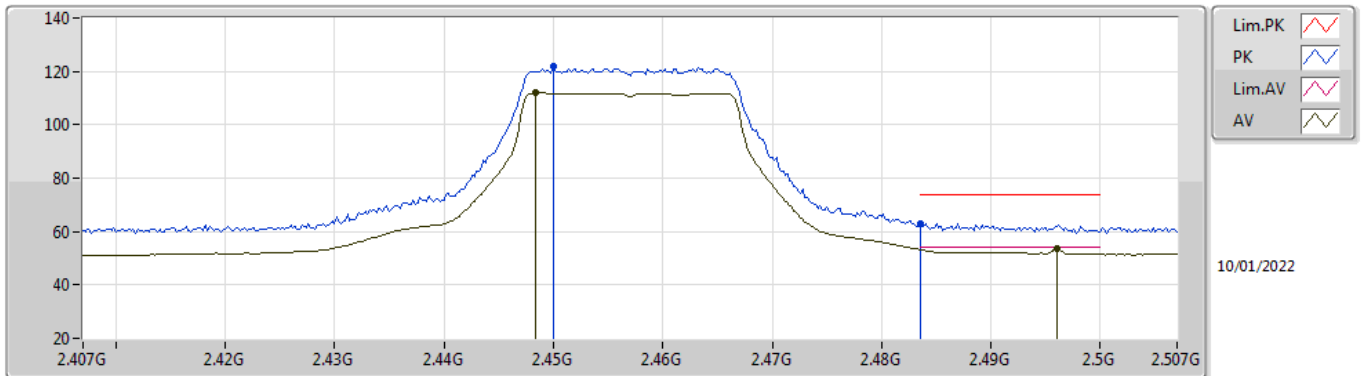
2457MHz_TX



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	2.4484G	112.22	Inf	-Inf	32.10	3	Vertical	355	1.93	-	80.12	27.50	4.60	-
AV	2.4835G	53.65	54.00	-0.35	32.11	3	Vertical	355	1.93	-	21.54	27.50	4.61	-
PK	2.4564G	121.52	Inf	-Inf	32.10	3	Vertical	355	1.93	-	89.42	27.50	4.60	-
PK	2.485G	63.52	74.00	-10.48	32.11	3	Vertical	355	1.93	-	31.41	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

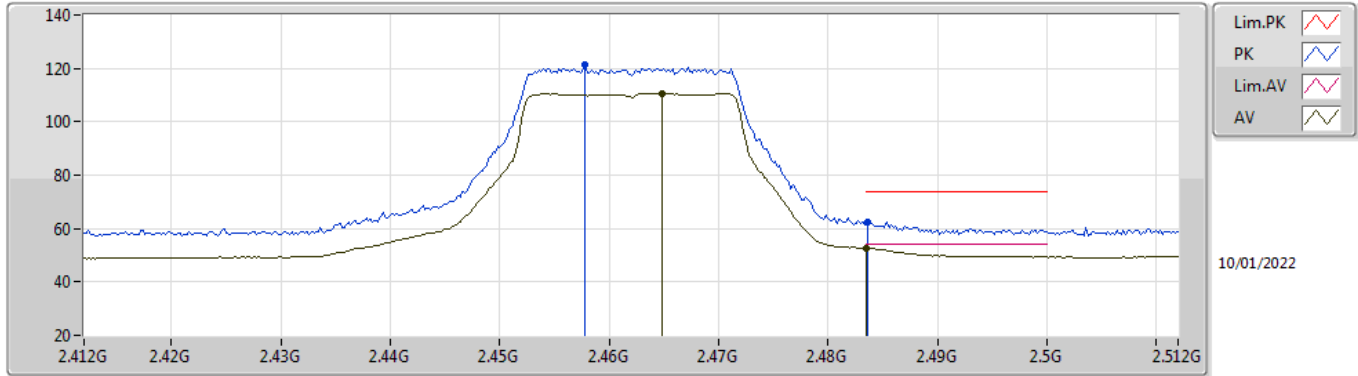
2457MHz_TX



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	2.4484G	111.87	Inf	-Inf	32.10	3	Horizontal	16	1.85	-	79.77	27.50	4.60	-
AV	2.496G	53.43	54.00	-0.57	32.12	3	Horizontal	16	1.85	-	21.31	27.50	4.62	-
PK	2.45G	121.78	Inf	-Inf	32.10	3	Horizontal	16	1.85	-	89.68	27.50	4.60	-
PK	2.4836G	63.16	74.00	-10.84	32.11	3	Horizontal	16	1.85	-	31.05	27.50	4.61	-

802.11ax HEW20_Nss1,(MCS0)_2TX

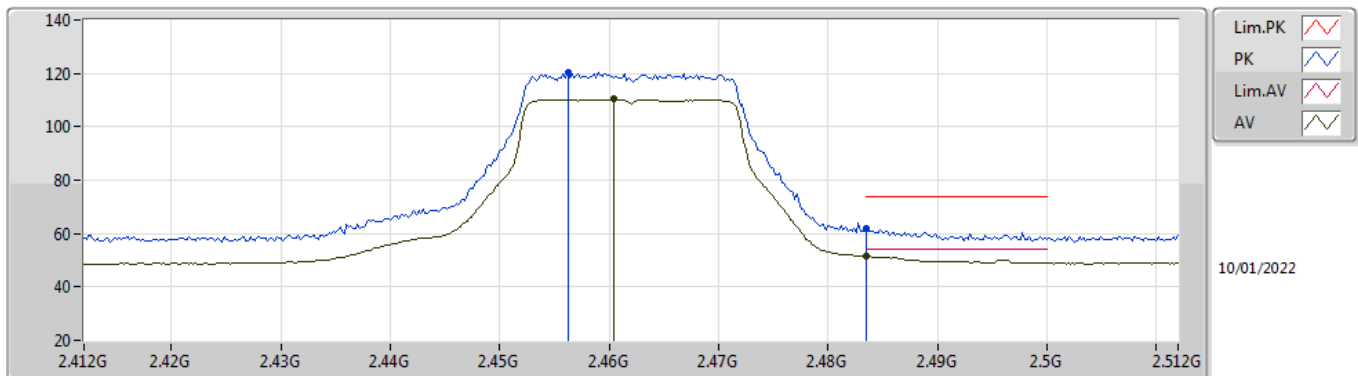
2462MHz_TX



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	2.4648G	110.50	Inf	-Inf	32.11	3	Vertical	360	1.90	-	78.39	27.50	4.61	-
AV	2.4835G	52.60	54.00	-1.40	32.11	3	Vertical	360	1.90	-	20.49	27.50	4.61	-
PK	2.4578G	121.24	Inf	-Inf	32.10	3	Vertical	360	1.90	-	89.14	27.50	4.60	-
PK	2.4836G	62.44	74.00	-11.56	32.11	3	Vertical	360	1.90	-	30.33	27.50	4.61	-

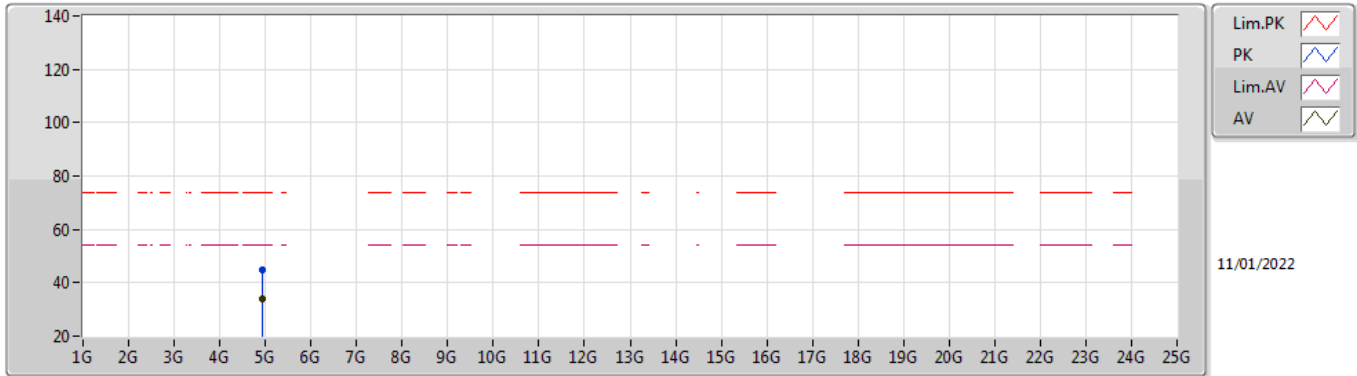
802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



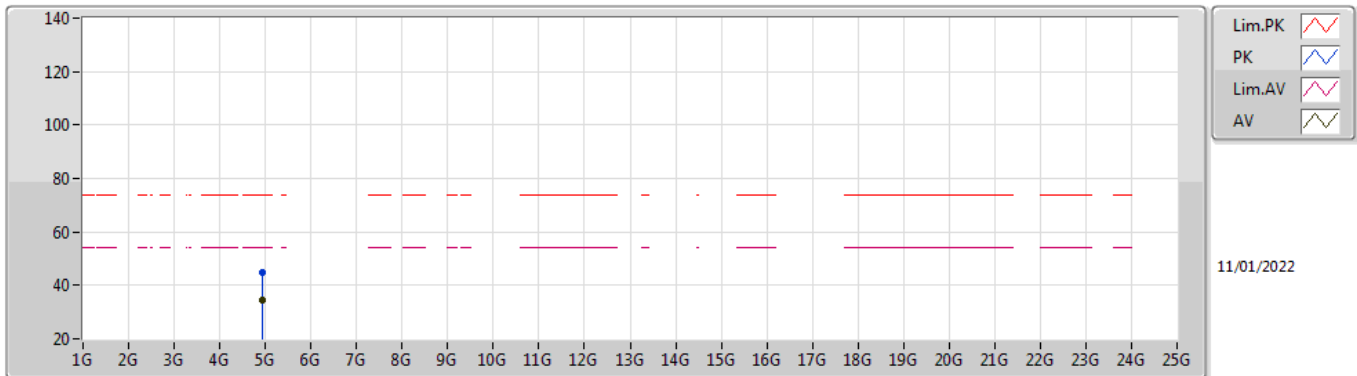
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AV	2.4604G	110.27	Inf	-Inf	32.10	3	Horizontal	18	1.83	-	78.17	27.50	4.60	-
AV	2.4835G	51.62	54.00	-2.38	32.11	3	Horizontal	18	1.83	-	19.51	27.50	4.61	-
PK	2.4562G	120.28	Inf	-Inf	32.10	3	Horizontal	18	1.83	-	88.18	27.50	4.60	-
PK	2.4835G	62.01	74.00	-11.99	32.11	3	Horizontal	18	1.83	-	29.90	27.50	4.61	-

**802.11ax HEW20_Nss1,(MCS0)_2TX
2462MHz_TX**



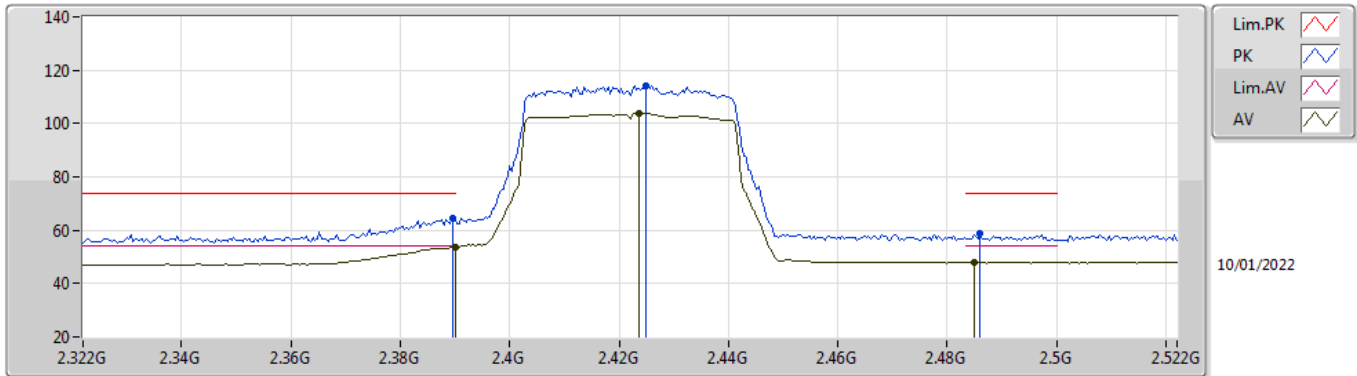
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AV	4.92167G	34.13	54.00	-19.87	3.16	3	Vertical	220	1.50	-	30.97	31.19	6.75	34.78
PK	4.92194G	44.92	74.00	-29.08	3.16	3	Vertical	220	1.50	-	41.76	31.19	6.75	34.78

**802.11ax HEW20_Nss1,(MCS0)_2TX
2462MHz_TX**



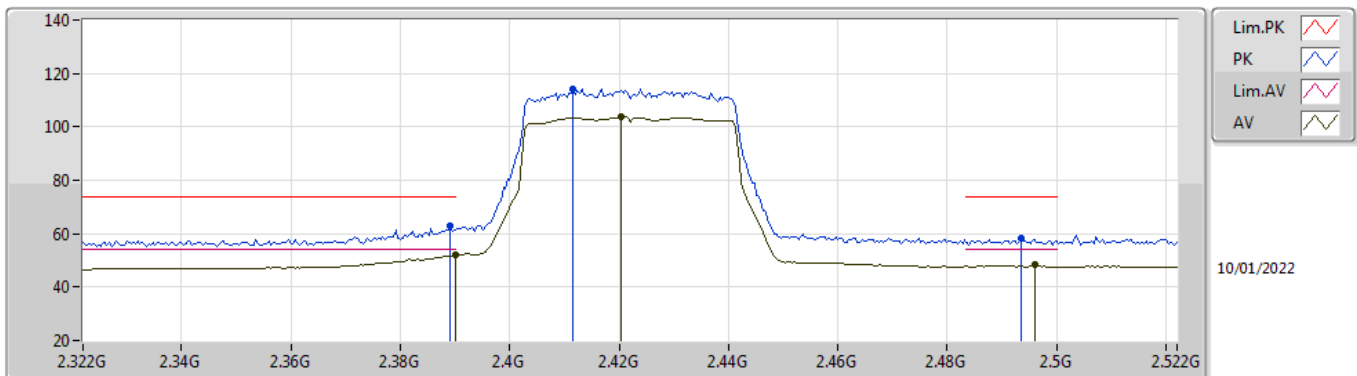
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92153G	34.23	54.00	-19.77	3.16	3	Horizontal	3	1.50	-	31.07	31.19	6.75	34.78
PK	4.92347G	44.95	74.00	-29.05	3.16	3	Horizontal	3	1.50	-	41.79	31.19	6.75	34.78

**802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz_TX**



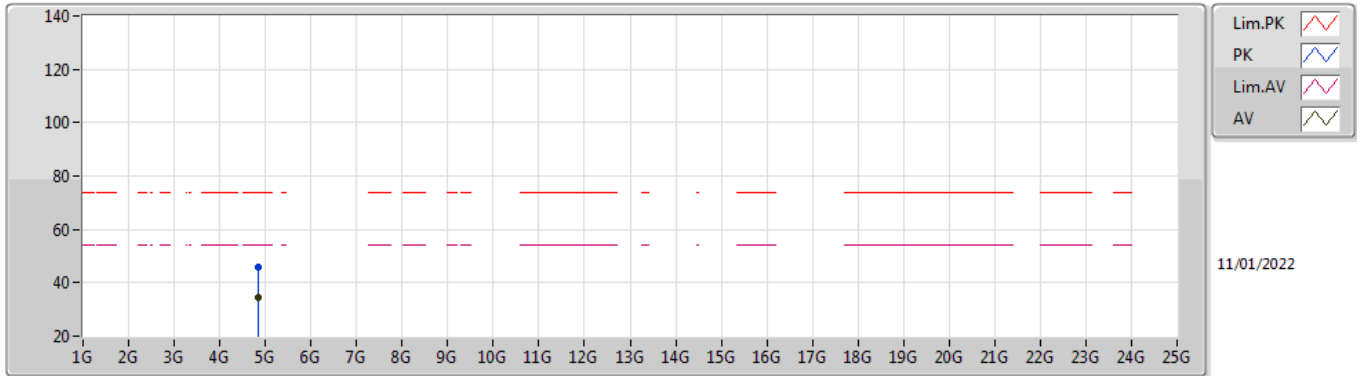
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	53.74	54.00	-0.26	32.21	3	Vertical	0	1.78	-	21.53	27.64	4.57	-
AV	2.4236G	103.88	Inf	-Inf	32.14	3	Vertical	0	1.78	-	71.74	27.55	4.59	-
AV	2.4848G	48.04	54.00	-5.96	32.11	3	Vertical	0	1.78	-	15.93	27.50	4.61	-
PK	2.3896G	64.33	74.00	-9.67	32.21	3	Vertical	0	1.78	-	32.12	27.64	4.57	-
PK	2.4248G	114.25	Inf	-Inf	32.14	3	Vertical	0	1.78	-	82.11	27.55	4.59	-
PK	2.486G	58.82	74.00	-15.18	32.11	3	Vertical	0	1.78	-	26.71	27.50	4.61	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz_TX**



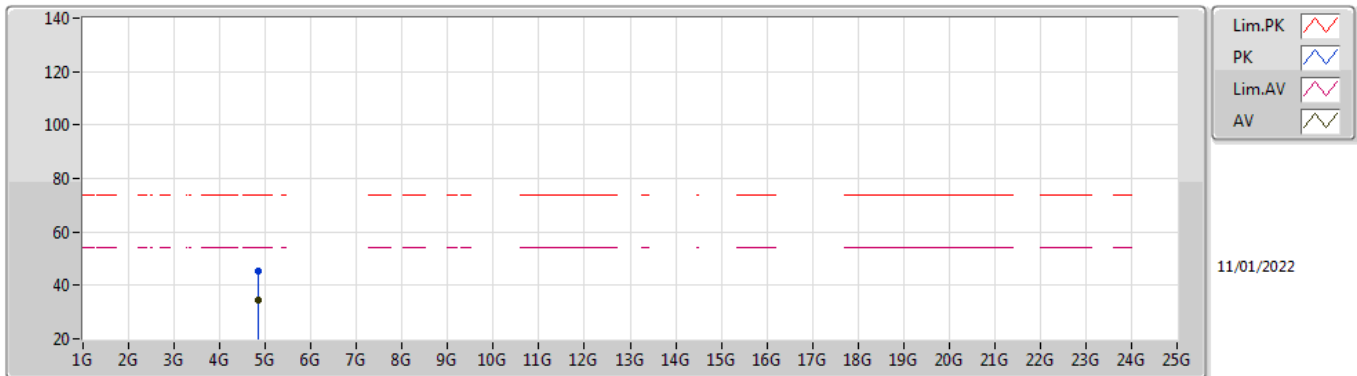
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.93	54.00	-2.07	32.21	3	Horizontal	13	1.84	-	19.72	27.64	4.57	-
AV	2.4204G	103.73	Inf	-Inf	32.15	3	Horizontal	13	1.84	-	71.58	27.56	4.59	-
AV	2.496G	48.68	54.00	-5.32	32.12	3	Horizontal	13	1.84	-	16.56	27.50	4.62	-
PK	2.3892G	63.04	74.00	-10.96	32.21	3	Horizontal	13	1.84	-	30.83	27.64	4.57	-
PK	2.4116G	114.34	Inf	-Inf	32.16	3	Horizontal	13	1.84	-	82.18	27.58	4.58	-
PK	2.4936G	58.26	74.00	-15.74	32.12	3	Horizontal	13	1.84	-	26.14	27.50	4.62	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz_TX**



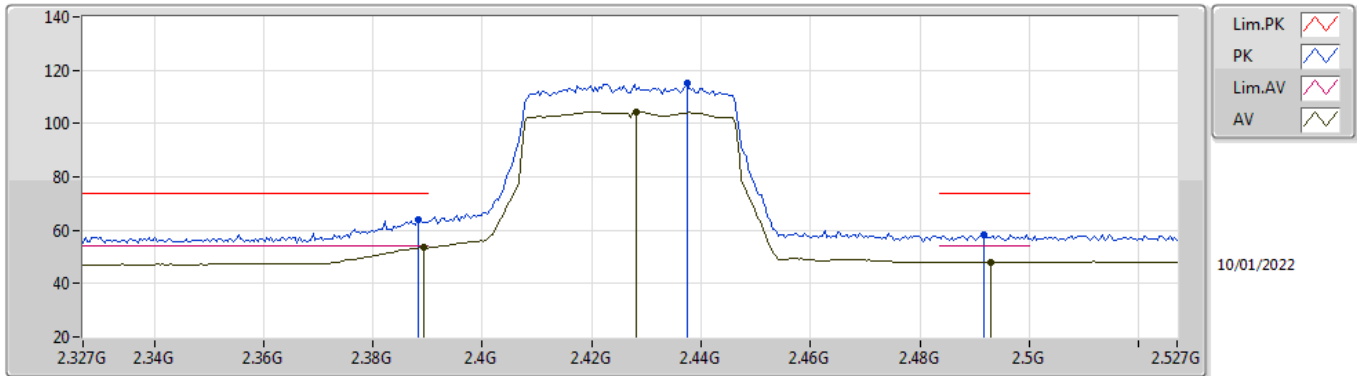
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84341G	34.29	54.00	-19.71	2.99	3	Vertical	162	1.50	-	31.30	31.10	6.69	34.80
PK	4.84199G	45.91	74.00	-28.09	2.99	3	Vertical	162	1.50	-	42.92	31.10	6.69	34.80

**802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz_TX**



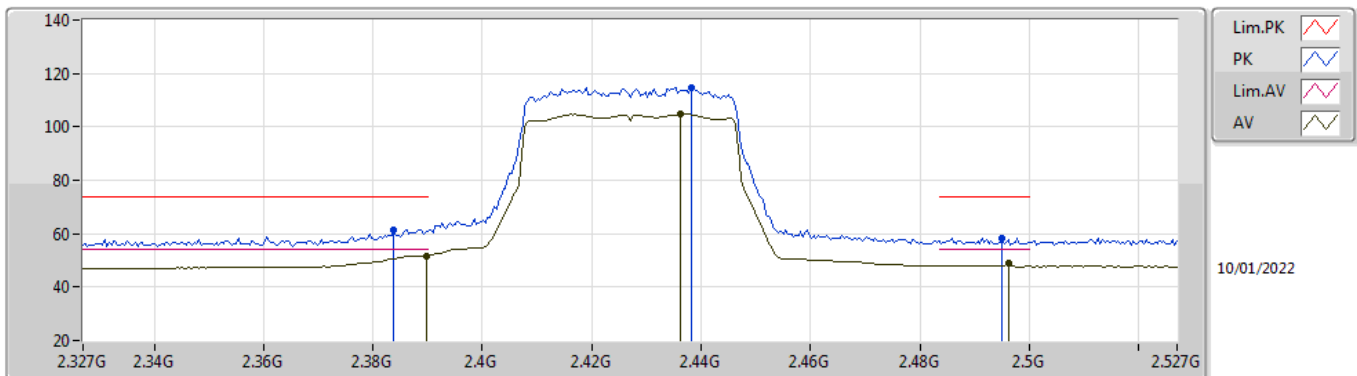
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84422G	34.23	54.00	-19.77	2.99	3	Horizontal	14	1.90	-	31.24	31.10	6.69	34.80
PK	4.84318G	45.20	74.00	-28.80	2.99	3	Horizontal	14	1.90	-	42.21	31.10	6.69	34.80

**802.11ax HEW40_Nss1,(MCS0)_2TX
2427MHz_TX**



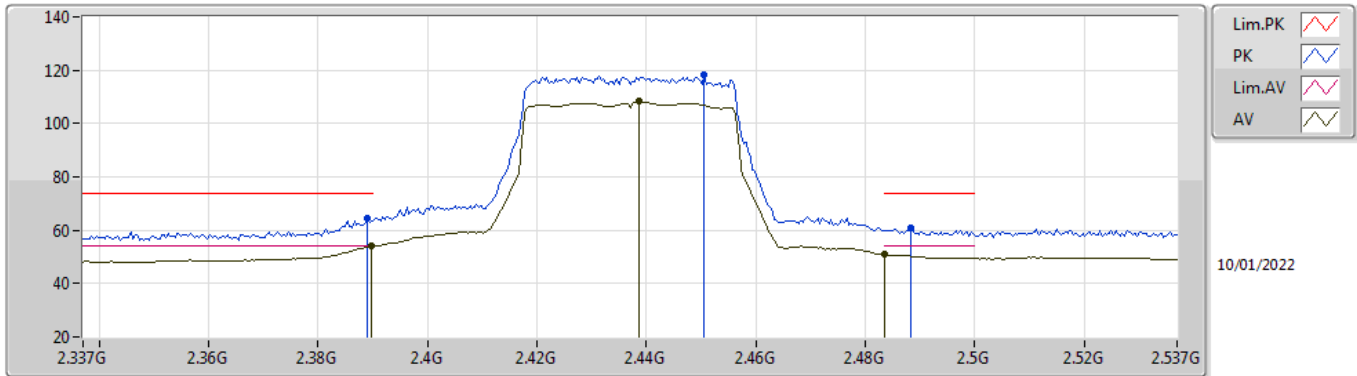
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.41	54.00	-0.59	32.21	3	Vertical	0	1.80	-	21.20	27.64	4.57	-
AV	2.4282G	104.23	Inf	-Inf	32.13	3	Vertical	0	1.80	-	72.10	27.54	4.59	-
AV	2.493G	48.10	54.00	-5.90	32.12	3	Vertical	0	1.80	-	15.98	27.50	4.62	-
PK	2.3882G	63.85	74.00	-10.15	32.22	3	Vertical	0	1.80	-	31.63	27.65	4.57	-
PK	2.4374G	114.96	Inf	-Inf	32.12	3	Vertical	0	1.80	-	82.84	27.53	4.59	-
PK	2.4918G	58.14	74.00	-15.86	32.12	3	Vertical	0	1.80	-	26.02	27.50	4.62	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2427MHz_TX**



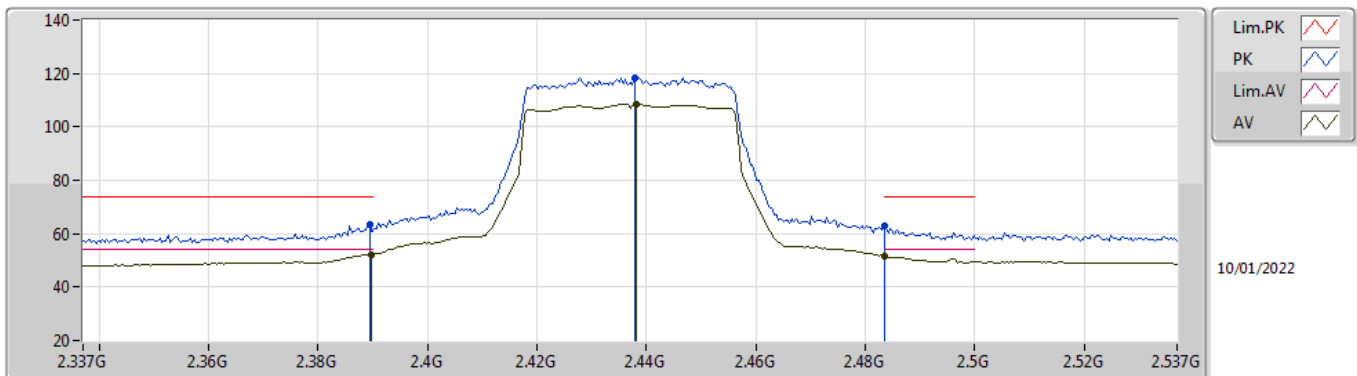
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.79	54.00	-2.21	32.21	3	Horizontal	12	1.92	-	19.58	27.64	4.57	-
AV	2.4362G	104.78	Inf	-Inf	32.12	3	Horizontal	12	1.92	-	72.66	27.53	4.59	-
AV	2.4962G	48.77	54.00	-5.23	32.12	3	Horizontal	12	1.92	-	16.65	27.50	4.62	-
PK	2.3838G	61.44	74.00	-12.56	32.22	3	Horizontal	12	1.92	-	29.22	27.66	4.56	-
PK	2.4382G	114.90	Inf	-Inf	32.12	3	Horizontal	12	1.92	-	82.78	27.52	4.60	-
PK	2.495G	58.33	74.00	-15.67	32.12	3	Horizontal	12	1.92	-	26.21	27.50	4.62	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2437MHz_TX**



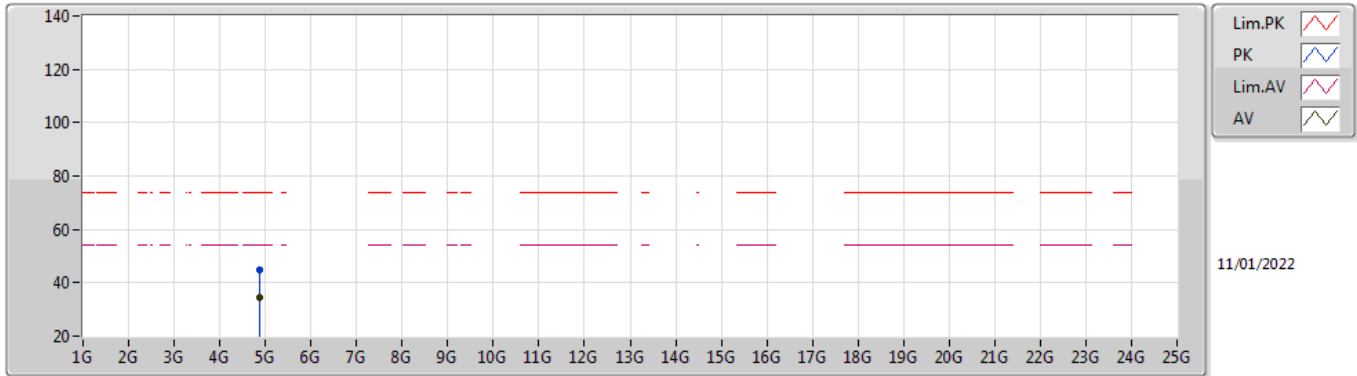
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	53.89	54.00	-0.11	32.21	3	Vertical	358	1.76	-	21.68	27.64	4.57	-
AV	2.4386G	108.20	Inf	-Inf	32.12	3	Vertical	358	1.76	-	76.08	27.52	4.60	-
AV	2.4835G	50.97	54.00	-3.03	32.11	3	Vertical	358	1.76	-	18.86	27.50	4.61	-
PK	2.389G	64.53	74.00	-9.47	32.21	3	Vertical	358	1.76	-	32.32	27.64	4.57	-
PK	2.4506G	118.12	Inf	-Inf	32.10	3	Vertical	358	1.76	-	86.02	27.50	4.60	-
PK	2.4882G	61.03	74.00	-12.97	32.12	3	Vertical	358	1.76	-	28.91	27.50	4.62	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2437MHz_TX**



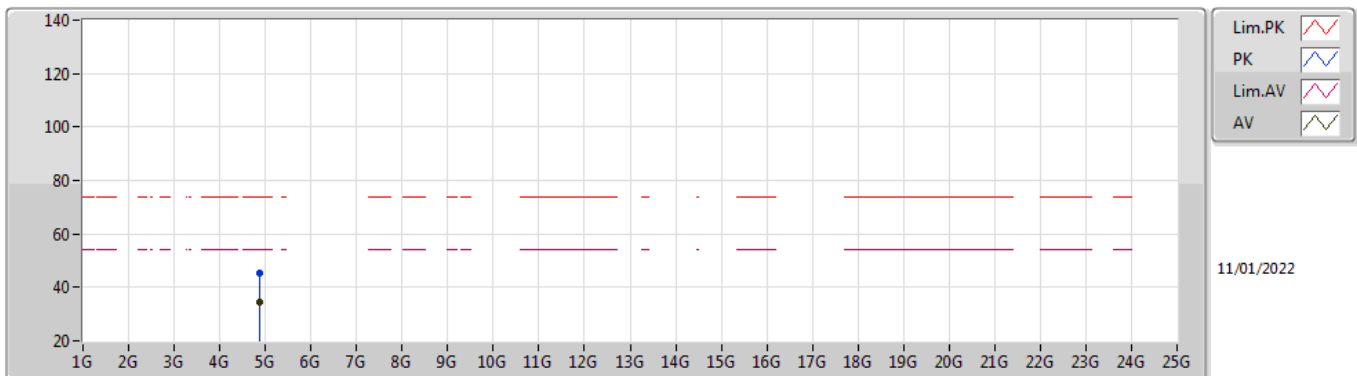
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.26	54.00	-1.74	32.21	3	Horizontal	15	1.89	-	20.05	27.64	4.57	-
AV	2.4382G	108.56	Inf	-Inf	32.12	3	Horizontal	15	1.89	-	76.44	27.52	4.60	-
AV	2.4835G	51.60	54.00	-2.40	32.11	3	Horizontal	15	1.89	-	19.49	27.50	4.61	-
PK	2.3894G	63.26	74.00	-10.74	32.21	3	Horizontal	15	1.89	-	31.05	27.64	4.57	-
PK	2.4378G	118.44	Inf	-Inf	32.12	3	Horizontal	15	1.89	-	86.32	27.52	4.60	-
PK	2.4835G	62.78	74.00	-11.22	32.11	3	Horizontal	15	1.89	-	30.67	27.50	4.61	-

**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	4.87595G	34.25	54.00	-19.75	3.03	3	Vertical	154	2.52	-	31.22	31.10	6.72	34.79
PK	4.87532G	45.00	74.00	-29.00	3.03	3	Vertical	154	2.52	-	41.97	31.10	6.72	34.79

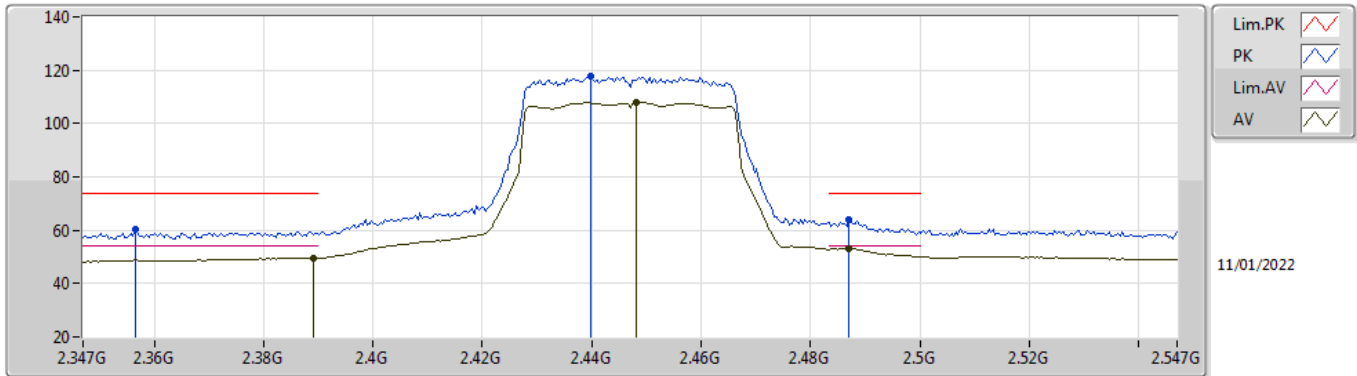
**802.11ax HEW40_Nss1,(MCS0)_2TX
2437MHz_TX**



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	4.87561G	34.26	54.00	-19.74	3.03	3	Horizontal	355	1.50	-	31.23	31.10	6.72	34.79
PK	4.87457G	45.44	74.00	-28.56	3.03	3	Horizontal	355	1.50	-	42.41	31.10	6.72	34.79

802.11ax HEW40_Nss1,(MCS0)_2TX

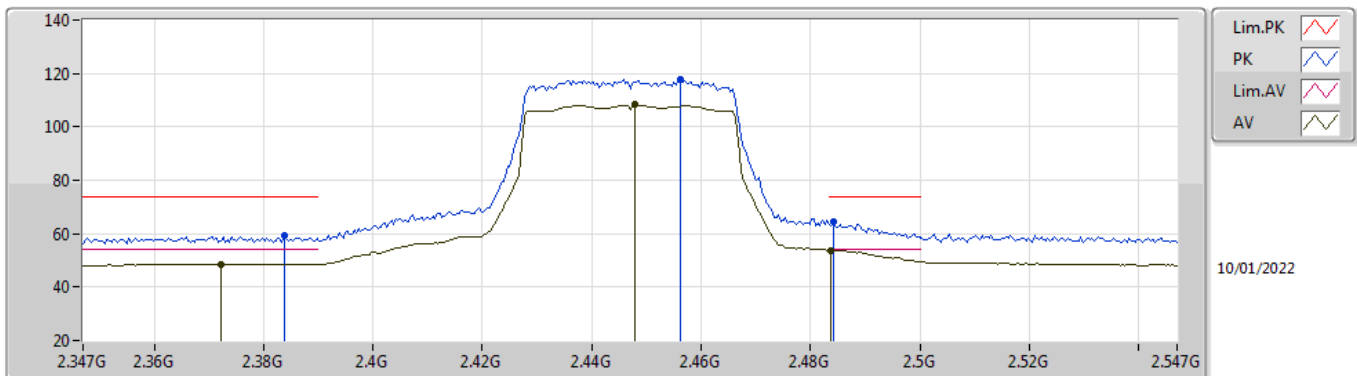
2447MHz_TX



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	49.67	54.00	-4.33	32.21	3	Vertical	0	1.80	-	17.46	27.64	4.57	-
AV	2.4482G	108.06	Inf	-Inf	32.10	3	Vertical	0	1.80	-	75.96	27.50	4.60	-
AV	2.487G	53.13	54.00	-0.87	32.11	3	Vertical	0	1.80	-	21.02	27.50	4.61	-
PK	2.3566G	60.13	74.00	-13.87	32.31	3	Vertical	0	1.80	-	27.82	27.77	4.54	-
PK	2.4398G	117.79	Inf	-Inf	32.12	3	Vertical	0	1.80	-	85.67	27.52	4.60	-
PK	2.487G	63.94	74.00	-10.06	32.11	3	Vertical	0	1.80	-	31.83	27.50	4.61	-

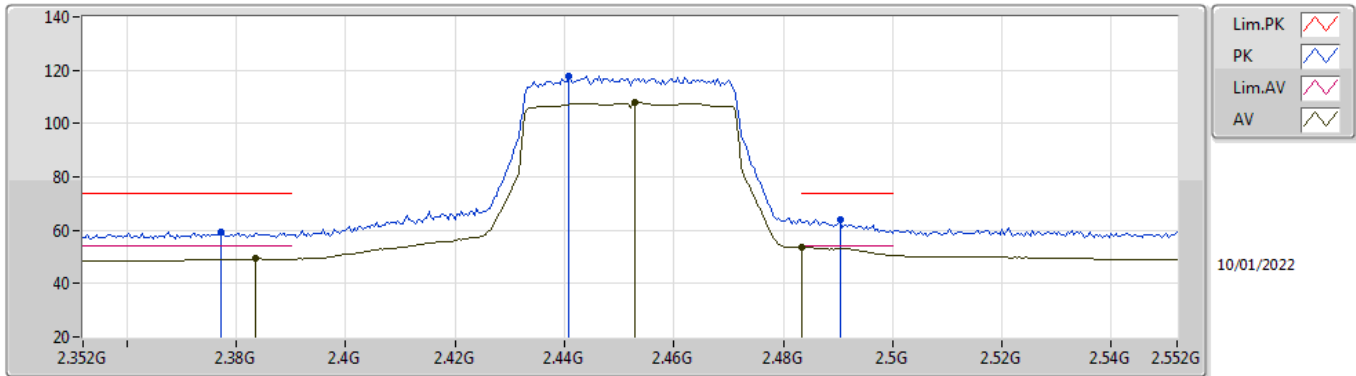
802.11ax HEW40_Nss1,(MCS0)_2TX

2447MHz_TX



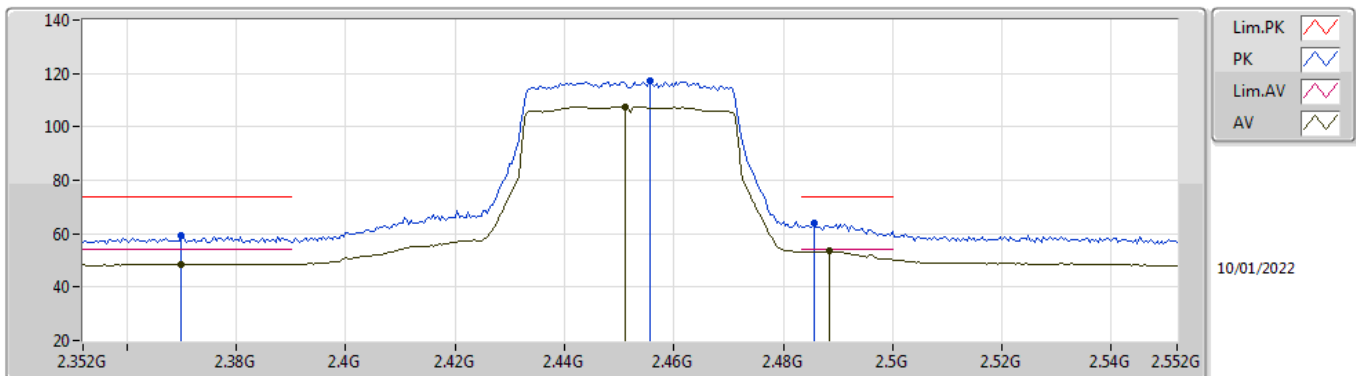
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3722G	48.65	54.00	-5.35	32.26	3	Horizontal	12	1.97	-	16.39	27.71	4.55	-
AV	2.4478G	108.20	Inf	-Inf	32.10	3	Horizontal	12	1.97	-	76.10	27.50	4.60	-
AV	2.4838G	53.76	54.00	-0.24	32.11	3	Horizontal	12	1.97	-	21.65	27.50	4.61	-
PK	2.3838G	59.18	74.00	-14.82	32.22	3	Horizontal	12	1.97	-	26.96	27.66	4.56	-
PK	2.4562G	117.92	Inf	-Inf	32.10	3	Horizontal	12	1.97	-	85.82	27.50	4.60	-
PK	2.4842G	64.55	74.00	-9.45	32.11	3	Horizontal	12	1.97	-	32.44	27.50	4.61	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2452MHz_TX**



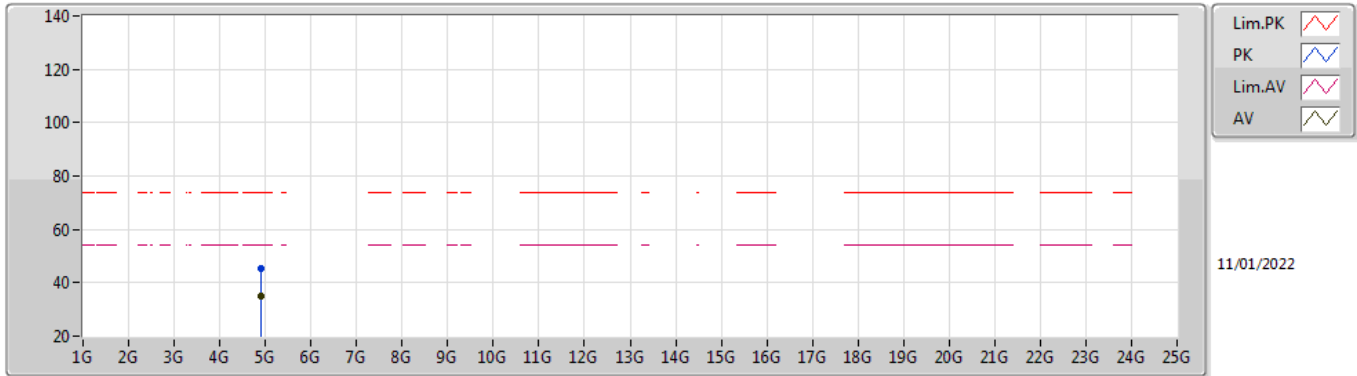
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3836G	49.27	54.00	-4.73	32.23	3	Vertical	1	1.86	-	17.04	27.67	4.56	-
AV	2.4528G	107.75	Inf	-Inf	32.10	3	Vertical	1	1.86	-	75.65	27.50	4.60	-
AV	2.4835G	53.67	54.00	-0.33	32.11	3	Vertical	1	1.86	-	21.56	27.50	4.61	-
PK	2.3772G	59.19	74.00	-14.81	32.25	3	Vertical	1	1.86	-	26.94	27.69	4.56	-
PK	2.4408G	117.86	Inf	-Inf	32.12	3	Vertical	1	1.86	-	85.74	27.52	4.60	-
PK	2.4904G	63.85	74.00	-10.15	32.12	3	Vertical	1	1.86	-	31.73	27.50	4.62	-

**802.11ax HEW40_Nss1,(MCS0)_2TX
2452MHz_TX**



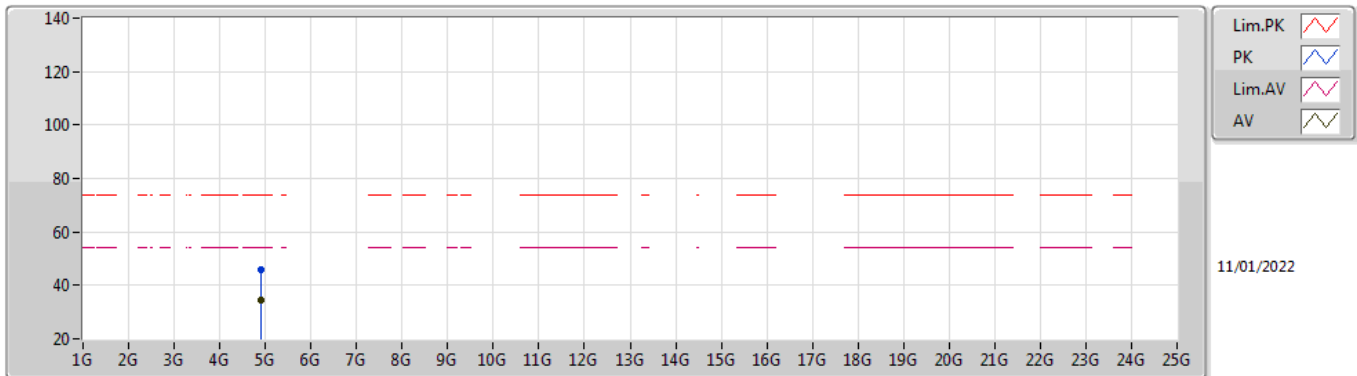
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.37G	48.70	54.00	-5.30	32.27	3	Horizontal	18	1.88	-	16.43	27.72	4.55	-
AV	2.4512G	107.56	Inf	-Inf	32.10	3	Horizontal	18	1.88	-	75.46	27.50	4.60	-
AV	2.4884G	53.38	54.00	-0.62	32.12	3	Horizontal	18	1.88	-	21.26	27.50	4.62	-
PK	2.37G	59.07	74.00	-14.93	32.27	3	Horizontal	18	1.88	-	26.80	27.72	4.55	-
PK	2.4556G	117.04	Inf	-Inf	32.10	3	Horizontal	18	1.88	-	84.94	27.50	4.60	-
PK	2.4856G	63.83	74.00	-10.17	32.11	3	Horizontal	18	1.88	-	31.72	27.50	4.61	-

**802.11ax HEW40_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	4.90642G	35.03	54.00	-18.97	3.09	3	Vertical	233	1.11	-	31.94	31.13	6.74	34.78
PK	4.90169G	45.60	74.00	-28.40	3.06	3	Vertical	233	1.11	-	42.54	31.11	6.74	34.79

**802.11ax HEW40_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	4.904G	34.65	54.00	-19.35	3.08	3	Horizontal	358	1.50	-	31.57	31.12	6.74	34.78
PK	4.9049G	45.71	74.00	-28.29	3.08	3	Horizontal	358	1.50	-	42.63	31.12	6.74	34.78



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	2.389G	53.75	54.00	-0.25	3	Vertical	360	1.64	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.4854G	53.88	54.00	-0.12	3	Vertical	352	1.76	-



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	2.389G	53.75	54.00	-0.25	3	Vertical	360	1.64	-
2412MHz	Pass	AV	2.411G	107.81	Inf	-Inf	3	Vertical	360	1.64	-
2412MHz	Pass	PK	2.3834G	66.32	74.00	-7.68	3	Vertical	360	1.64	-
2412MHz	Pass	PK	2.4206G	114.94	Inf	-Inf	3	Vertical	360	1.64	-
2412MHz	Pass	AV	2.3876G	49.92	54.00	-4.08	3	Horizontal	8	1.89	-
2412MHz	Pass	AV	2.4128G	108.52	Inf	-Inf	3	Horizontal	8	1.89	-
2412MHz	Pass	PK	2.3872G	65.57	74.00	-8.43	3	Horizontal	8	1.89	-
2412MHz	Pass	PK	2.4156G	113.94	Inf	-Inf	3	Horizontal	8	1.89	-
2412MHz	Pass	AV	4.82649G	34.45	54.00	-19.55	3	Vertical	29	1.50	-
2412MHz	Pass	PK	4.82435G	44.23	74.00	-29.77	3	Vertical	29	1.50	-
2412MHz	Pass	AV	4.82171G	33.93	54.00	-20.07	3	Horizontal	88	2.28	-
2412MHz	Pass	PK	4.82525G	44.37	74.00	-29.63	3	Horizontal	88	2.28	-
2417MHz	Pass	AV	2.39G	50.19	54.00	-3.81	3	Vertical	0	1.78	-
2417MHz	Pass	AV	2.4178G	108.57	Inf	-Inf	3	Vertical	0	1.78	-
2417MHz	Pass	PK	2.3854G	63.17	74.00	-10.83	3	Vertical	0	1.78	-
2417MHz	Pass	PK	2.4248G	117.41	Inf	-Inf	3	Vertical	0	1.78	-
2417MHz	Pass	AV	2.387G	52.91	54.00	-1.09	3	Horizontal	6	1.92	-
2417MHz	Pass	AV	2.4178G	109.81	Inf	-Inf	3	Horizontal	6	1.92	-
2417MHz	Pass	PK	2.3888G	68.08	74.00	-5.92	3	Horizontal	6	1.92	-
2417MHz	Pass	PK	2.4182G	114.94	Inf	-Inf	3	Horizontal	6	1.92	-
2437MHz	Pass	AV	2.389G	51.75	54.00	-2.25	3	Vertical	358	1.75	-
2437MHz	Pass	AV	2.4382G	113.67	Inf	-Inf	3	Vertical	358	1.75	-
2437MHz	Pass	AV	2.4842G	52.73	54.00	-1.27	3	Vertical	358	1.75	-
2437MHz	Pass	PK	2.3838G	62.10	74.00	-11.90	3	Vertical	358	1.75	-
2437MHz	Pass	PK	2.4414G	121.34	Inf	-Inf	3	Vertical	358	1.75	-
2437MHz	Pass	PK	2.4842G	63.01	74.00	-10.99	3	Vertical	358	1.75	-
2437MHz	Pass	AV	2.3774G	52.32	54.00	-1.68	3	Horizontal	8	1.81	-
2437MHz	Pass	AV	2.4378G	114.31	Inf	-Inf	3	Horizontal	8	1.81	-
2437MHz	Pass	AV	2.4958G	53.20	54.00	-0.80	3	Horizontal	8	1.81	-
2437MHz	Pass	PK	2.3714G	61.80	74.00	-12.20	3	Horizontal	8	1.81	-
2437MHz	Pass	PK	2.4386G	120.59	Inf	-Inf	3	Horizontal	8	1.81	-
2437MHz	Pass	PK	2.4838G	61.91	74.00	-12.09	3	Horizontal	8	1.81	-
2437MHz	Pass	AV	4.87209G	33.71	54.00	-20.29	3	Vertical	79	1.50	-
2437MHz	Pass	PK	4.87256G	43.88	74.00	-30.12	3	Vertical	79	1.50	-
2437MHz	Pass	AV	4.87272G	33.59	54.00	-20.41	3	Horizontal	360	1.50	-
2437MHz	Pass	PK	4.87301G	43.90	74.00	-30.10	3	Horizontal	360	1.50	-
2457MHz	Pass	AV	2.4562G	111.11	Inf	-Inf	3	Vertical	349	1.80	-
2457MHz	Pass	AV	2.4835G	53.58	54.00	-0.42	3	Vertical	349	1.80	-
2457MHz	Pass	PK	2.465G	117.32	Inf	-Inf	3	Vertical	349	1.80	-
2457MHz	Pass	PK	2.4844G	63.87	74.00	-10.13	3	Vertical	349	1.80	-
2457MHz	Pass	AV	2.4488G	109.06	Inf	-Inf	3	Horizontal	359	1.80	-
2457MHz	Pass	AV	2.4836G	51.33	54.00	-2.67	3	Horizontal	359	1.80	-
2457MHz	Pass	PK	2.449G	117.85	Inf	-Inf	3	Horizontal	359	1.80	-
2457MHz	Pass	PK	2.4856G	68.61	74.00	-5.39	3	Horizontal	359	1.80	-
2462MHz	Pass	AV	2.463G	109.13	Inf	-Inf	3	Vertical	347	1.80	-
2462MHz	Pass	AV	2.4862G	53.70	54.00	-0.30	3	Vertical	347	1.80	-
2462MHz	Pass	PK	2.4702G	115.12	Inf	-Inf	3	Vertical	347	1.80	-
2462MHz	Pass	PK	2.4878G	71.04	74.00	-2.96	3	Vertical	347	1.80	-
2462MHz	Pass	AV	2.461G	108.29	Inf	-Inf	3	Horizontal	360	1.80	-
2462MHz	Pass	AV	2.4862G	50.29	54.00	-3.71	3	Horizontal	360	1.80	-
2462MHz	Pass	PK	2.459G	115.07	Inf	-Inf	3	Horizontal	360	1.80	-
2462MHz	Pass	PK	2.4888G	67.43	74.00	-6.57	3	Horizontal	360	1.80	-
2462MHz	Pass	AV	4.92193G	34.09	54.00	-19.91	3	Vertical	49	1.50	-
2462MHz	Pass	PK	4.92521G	44.50	74.00	-29.50	3	Vertical	49	1.50	-
2462MHz	Pass	AV	4.92399G	34.36	54.00	-19.64	3	Horizontal	0	1.80	-
2462MHz	Pass	PK	4.92415G	44.98	74.00	-29.02	3	Horizontal	0	1.80	-
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3892G	53.69	54.00	-0.31	3	Vertical	0	1.67	-
2422MHz	Pass	AV	2.4128G	107.38	Inf	-Inf	3	Vertical	0	1.67	-
2422MHz	Pass	AV	2.4872G	49.35	54.00	-4.65	3	Vertical	0	1.67	-



RSE TX above 1GHz_Beamforming

Appendix E.4

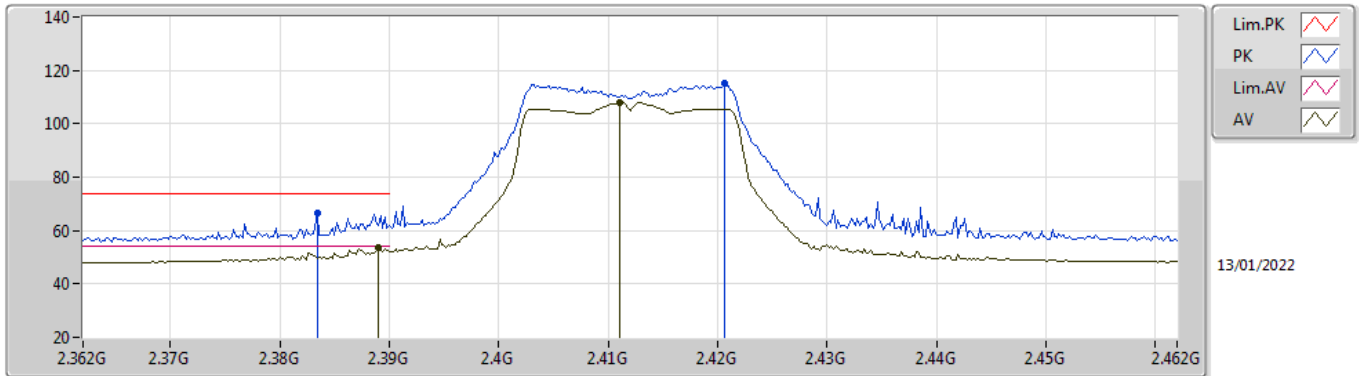
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.39G	65.05	74.00	-8.95	3	Vertical	0	1.67	-
2422MHz	Pass	PK	2.4376G	113.65	Inf	-Inf	3	Vertical	0	1.67	-
2422MHz	Pass	PK	2.4848G	61.94	74.00	-12.06	3	Vertical	0	1.67	-
2422MHz	Pass	AV	2.3896G	51.35	54.00	-2.65	3	Horizontal	6	2.02	-
2422MHz	Pass	AV	2.4128G	108.32	Inf	-Inf	3	Horizontal	6	2.02	-
2422MHz	Pass	AV	2.496G	48.62	54.00	-5.38	3	Horizontal	6	2.02	-
2422MHz	Pass	PK	2.3824G	69.46	74.00	-4.54	3	Horizontal	6	2.02	-
2422MHz	Pass	PK	2.438G	111.91	Inf	-Inf	3	Horizontal	6	2.02	-
2422MHz	Pass	PK	2.494G	62.95	74.00	-11.05	3	Horizontal	6	2.02	-
2422MHz	Pass	AV	4.84165G	34.44	54.00	-19.56	3	Vertical	114	2.14	-
2422MHz	Pass	PK	4.84166G	44.39	74.00	-29.61	3	Vertical	114	2.14	-
2422MHz	Pass	AV	4.84247G	34.52	54.00	-19.48	3	Horizontal	357	2.62	-
2422MHz	Pass	PK	4.84267G	44.60	74.00	-29.40	3	Horizontal	357	2.62	-
2427MHz	Pass	AV	2.3898G	51.57	54.00	-2.43	3	Vertical	-0.1	1.77	-
2427MHz	Pass	AV	2.4178G	107.90	Inf	-Inf	3	Vertical	-0.1	1.77	-
2427MHz	Pass	AV	2.493G	49.05	54.00	-4.95	3	Vertical	-0.1	1.77	-
2427MHz	Pass	PK	2.3866G	64.20	74.00	-9.80	3	Vertical	-0.1	1.77	-
2427MHz	Pass	PK	2.4258G	112.84	Inf	-Inf	3	Vertical	-0.1	1.77	-
2427MHz	Pass	PK	2.4866G	58.87	74.00	-15.13	3	Vertical	-0.1	1.77	-
2427MHz	Pass	AV	2.3894G	53.85	54.00	-0.15	3	Horizontal	11	1.87	-
2427MHz	Pass	AV	2.4178G	108.72	Inf	-Inf	3	Horizontal	11	1.87	-
2427MHz	Pass	AV	2.4958G	49.10	54.00	-4.90	3	Horizontal	11	1.87	-
2427MHz	Pass	PK	2.3894G	67.41	74.00	-6.59	3	Horizontal	11	1.87	-
2427MHz	Pass	PK	2.4454G	111.19	Inf	-Inf	3	Horizontal	11	1.87	-
2427MHz	Pass	PK	2.4878G	59.83	74.00	-14.17	3	Horizontal	11	1.87	-
2437MHz	Pass	AV	2.3794G	50.33	54.00	-3.67	3	Vertical	1	1.74	-
2437MHz	Pass	AV	2.4258G	110.24	Inf	-Inf	3	Vertical	1	1.74	-
2437MHz	Pass	AV	2.4835G	52.40	54.00	-1.60	3	Vertical	1	1.74	-
2437MHz	Pass	PK	2.3834G	67.36	74.00	-6.64	3	Vertical	1	1.74	-
2437MHz	Pass	PK	2.453G	115.88	Inf	-Inf	3	Vertical	1	1.74	-
2437MHz	Pass	PK	2.4898G	69.33	74.00	-4.67	3	Vertical	1	1.74	-
2437MHz	Pass	AV	2.3898G	51.18	54.00	-2.82	3	Horizontal	2	1.83	-
2437MHz	Pass	AV	2.4278G	111.00	Inf	-Inf	3	Horizontal	2	1.83	-
2437MHz	Pass	AV	2.4835G	51.94	54.00	-2.06	3	Horizontal	2	1.83	-
2437MHz	Pass	PK	2.3882G	61.59	74.00	-12.41	3	Horizontal	2	1.83	-
2437MHz	Pass	PK	2.4186G	114.60	Inf	-Inf	3	Horizontal	2	1.83	-
2437MHz	Pass	PK	2.4838G	62.56	74.00	-11.44	3	Horizontal	2	1.83	-
2437MHz	Pass	AV	4.87166G	34.29	54.00	-19.71	3	Vertical	60	1.63	-
2437MHz	Pass	PK	4.87466G	44.79	74.00	-29.21	3	Vertical	60	1.63	-
2437MHz	Pass	AV	4.87299G	34.24	54.00	-19.76	3	Horizontal	248	1.50	-
2437MHz	Pass	PK	4.87366G	44.58	74.00	-29.42	3	Horizontal	248	1.50	-
2447MHz	Pass	AV	2.3874G	48.55	54.00	-5.45	3	Vertical	352	1.76	-
2447MHz	Pass	AV	2.4378G	108.11	Inf	-Inf	3	Vertical	352	1.76	-
2447MHz	Pass	AV	2.4854G	53.88	54.00	-0.12	3	Vertical	352	1.76	-
2447MHz	Pass	PK	2.3882G	62.78	74.00	-11.22	3	Vertical	352	1.76	-
2447MHz	Pass	PK	2.4642G	112.42	Inf	-Inf	3	Vertical	352	1.76	-
2447MHz	Pass	PK	2.4835G	72.19	74.00	-1.81	3	Vertical	352	1.76	-
2447MHz	Pass	AV	2.3898G	48.25	54.00	-5.75	3	Horizontal	360	1.87	-
2447MHz	Pass	AV	2.4378G	109.07	Inf	-Inf	3	Horizontal	360	1.87	-
2447MHz	Pass	AV	2.485G	51.95	54.00	-2.05	3	Horizontal	360	1.87	-
2447MHz	Pass	PK	2.3694G	58.40	74.00	-15.60	3	Horizontal	360	1.87	-
2447MHz	Pass	PK	2.4366G	112.47	Inf	-Inf	3	Horizontal	360	1.87	-
2447MHz	Pass	PK	2.4854G	67.63	74.00	-6.37	3	Horizontal	360	1.87	-
2452MHz	Pass	AV	2.3888G	48.39	54.00	-5.61	3	Vertical	345	1.75	-
2452MHz	Pass	AV	2.4412G	107.20	Inf	-Inf	3	Vertical	345	1.75	-
2452MHz	Pass	AV	2.4835G	53.75	54.00	-0.25	3	Vertical	345	1.75	-
2452MHz	Pass	PK	2.3896G	60.62	74.00	-13.38	3	Vertical	345	1.75	-
2452MHz	Pass	PK	2.468G	111.82	Inf	-Inf	3	Vertical	345	1.75	-
2452MHz	Pass	PK	2.49G	65.46	74.00	-8.54	3	Vertical	345	1.75	-
2452MHz	Pass	AV	2.376G	48.07	54.00	-5.93	3	Horizontal	360	1.83	-
2452MHz	Pass	AV	2.4412G	107.88	Inf	-Inf	3	Horizontal	360	1.83	-
2452MHz	Pass	AV	2.4835G	51.14	54.00	-2.86	3	Horizontal	360	1.83	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.3696G	58.28	74.00	-15.72	3	Horizontal	360	1.83	-
2452MHz	Pass	PK	2.4468G	111.81	Inf	-Inf	3	Horizontal	360	1.83	-
2452MHz	Pass	PK	2.4892G	63.49	74.00	-10.51	3	Horizontal	360	1.83	-
2452MHz	Pass	AV	4.90157G	34.77	54.00	-19.23	3	Vertical	192	1.89	-
2452MHz	Pass	PK	4.90341G	45.23	74.00	-28.77	3	Vertical	192	1.89	-
2452MHz	Pass	AV	4.90392G	34.88	54.00	-19.12	3	Horizontal	360	1.50	-
2452MHz	Pass	PK	4.90402G	45.42	74.00	-28.58	3	Horizontal	360	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

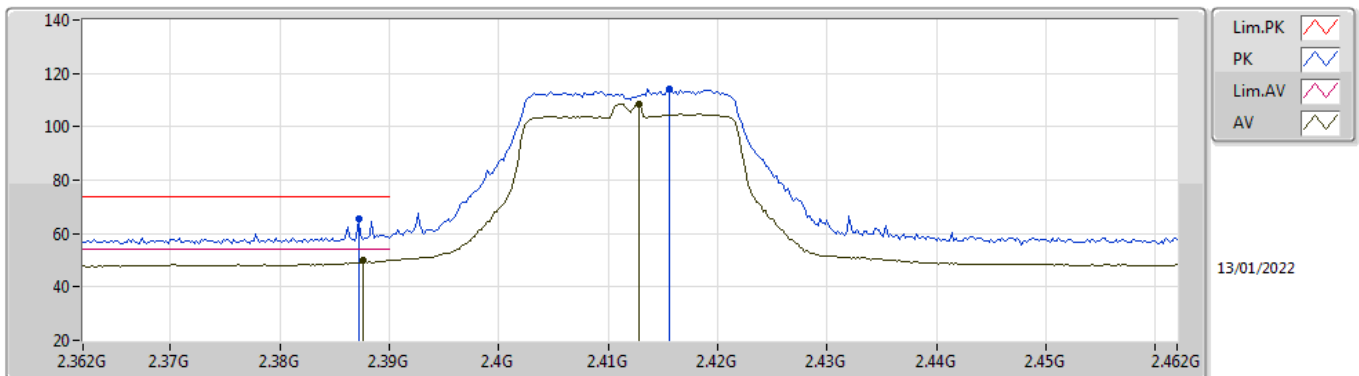
2412MHz_TX



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	2.389G	53.75	54.00	-0.25	32.21	3	Vertical	360	1.64	-	21.54	27.64	4.57	-
AV	2.411G	107.81	Inf	-Inf	32.16	3	Vertical	360	1.64	-	75.65	27.58	4.58	-
PK	2.3834G	66.32	74.00	-7.68	32.23	3	Vertical	360	1.64	-	34.09	27.67	4.56	-
PK	2.4206G	114.94	Inf	-Inf	32.15	3	Vertical	360	1.64	-	82.79	27.56	4.59	-

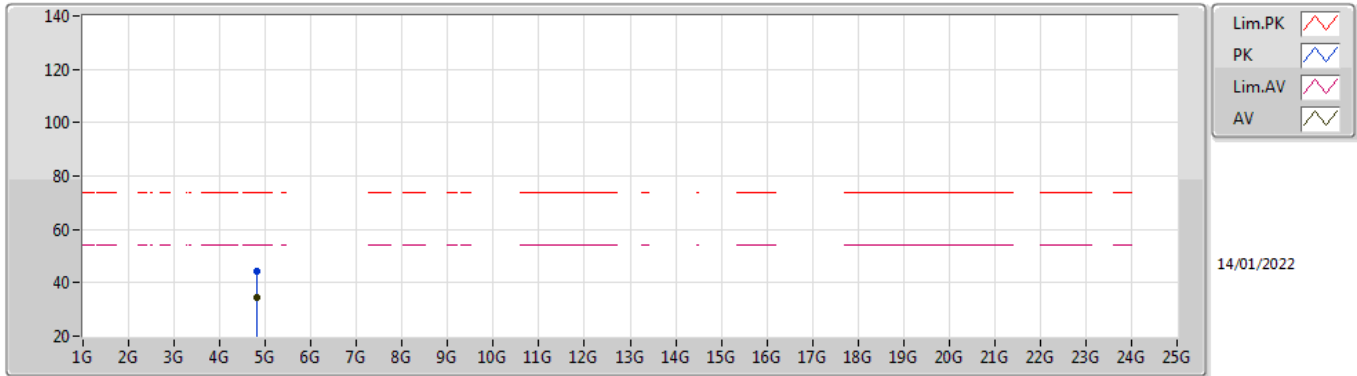
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX



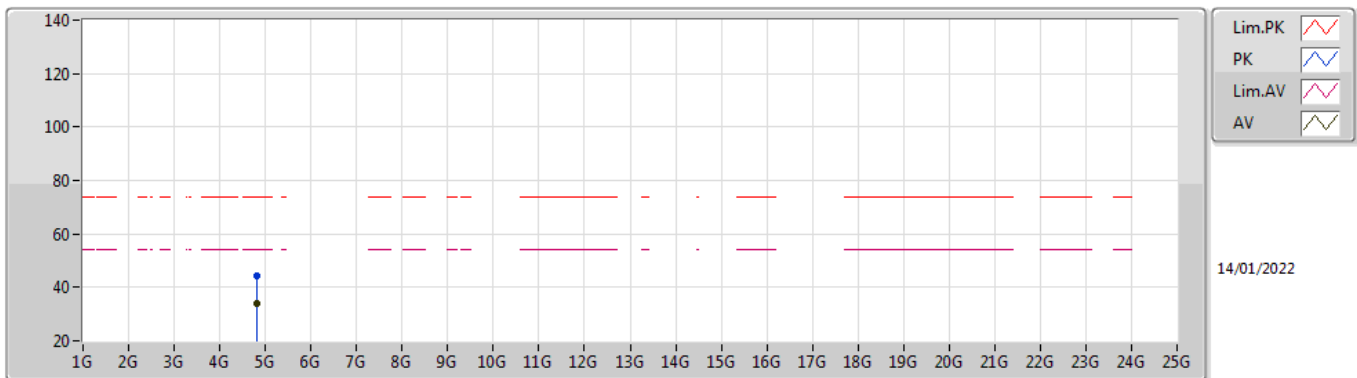
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3876G	49.92	54.00	-4.08	32.22	3	Horizontal	8	1.89	-	17.70	27.65	4.57	-
AV	2.4128G	108.52	Inf	-Inf	32.16	3	Horizontal	8	1.89	-	76.36	27.57	4.59	-
PK	2.3872G	65.57	74.00	-8.43	32.22	3	Horizontal	8	1.89	-	33.35	27.65	4.57	-
PK	2.4156G	113.94	Inf	-Inf	32.16	3	Horizontal	8	1.89	-	81.78	27.57	4.59	-

**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	4.82649G	34.45	54.00	-19.55	2.97	3	Vertical	29	1.50	-	31.48	31.10	6.68	34.81
PK	4.82435G	44.23	74.00	-29.77	2.97	3	Vertical	29	1.50	-	41.26	31.10	6.68	34.81

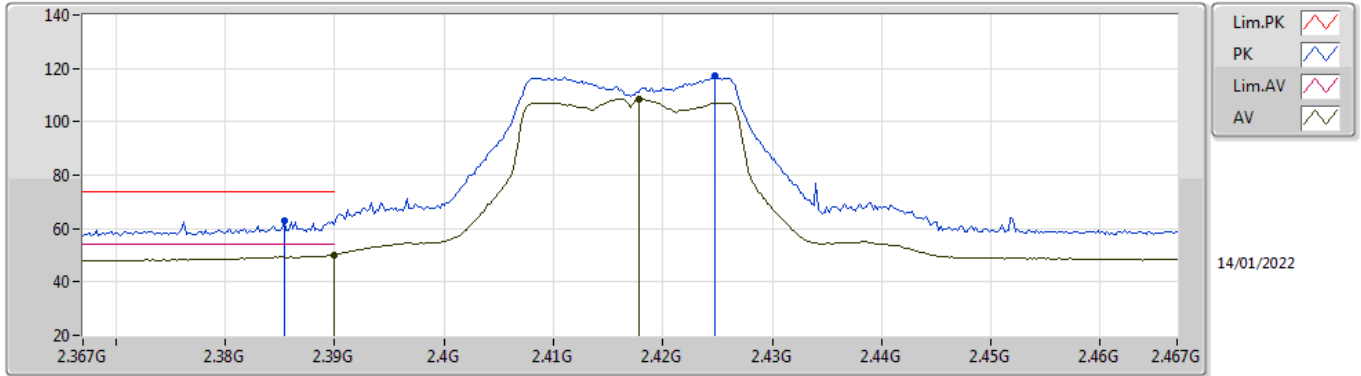
**802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2412MHz_TX**



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	4.82171G	33.93	54.00	-20.07	2.97	3	Horizontal	88	2.28	-	30.96	31.10	6.68	34.81
PK	4.82525G	44.37	74.00	-29.63	2.97	3	Horizontal	88	2.28	-	41.40	31.10	6.68	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

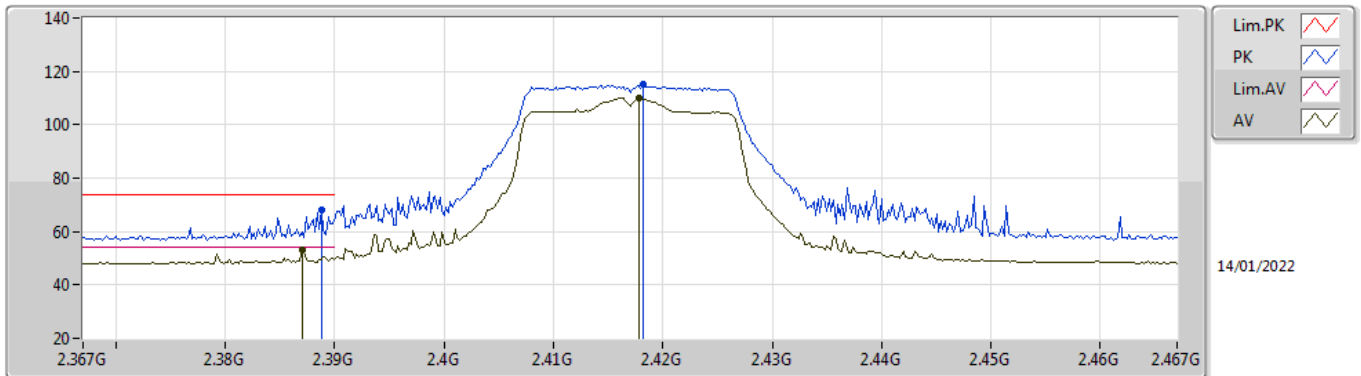
2417MHz_TX



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	2.39G	50.19	54.00	-3.81	32.21	3	Vertical	0	1.78	-	17.98	27.64	4.57	-
AV	2.4178G	108.57	Inf	-Inf	32.15	3	Vertical	0	1.78	-	76.42	27.56	4.59	-
PK	2.3854G	63.17	74.00	-10.83	32.23	3	Vertical	0	1.78	-	30.94	27.66	4.57	-
PK	2.4248G	117.41	Inf	-Inf	32.14	3	Vertical	0	1.78	-	85.27	27.55	4.59	-

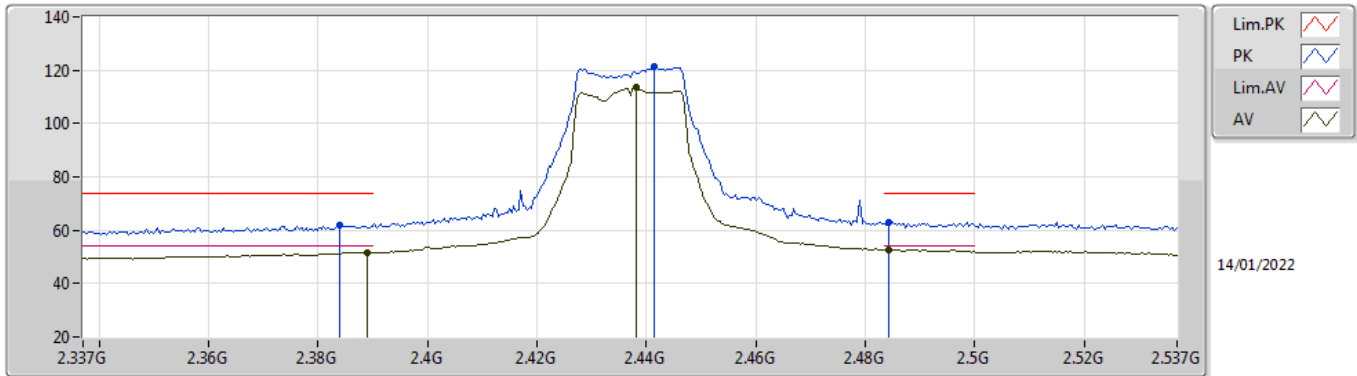
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX



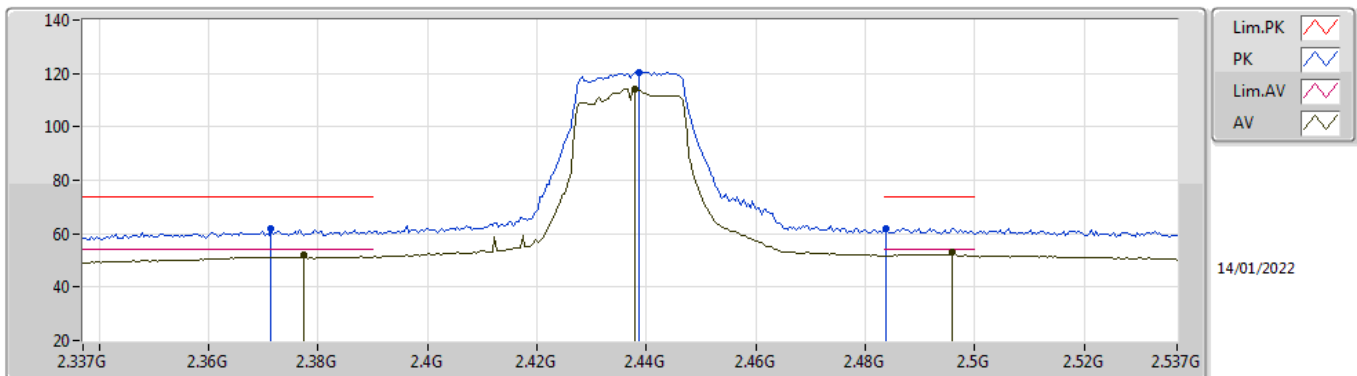
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	52.91	54.00	-1.09	32.22	3	Horizontal	6	1.92	-	20.69	27.65	4.57	-
AV	2.4178G	109.81	Inf	-Inf	32.15	3	Horizontal	6	1.92	-	77.66	27.56	4.59	-
PK	2.3888G	68.08	74.00	-5.92	32.21	3	Horizontal	6	1.92	-	35.87	27.64	4.57	-
PK	2.4182G	114.94	Inf	-Inf	32.15	3	Horizontal	6	1.92	-	82.79	27.56	4.59	-

**802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2437MHz_TX**



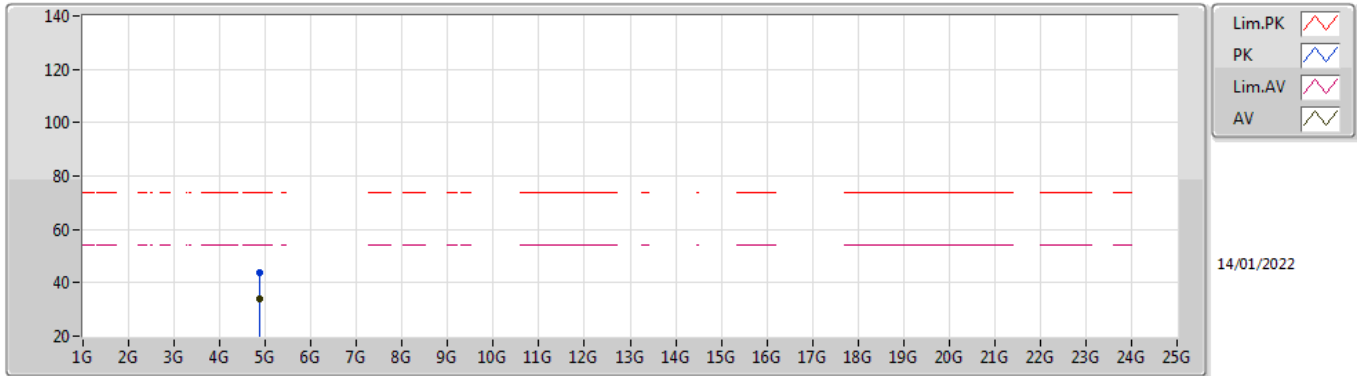
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	51.75	54.00	-2.25	32.21	3	Vertical	358	1.75	-	19.54	27.64	4.57	-
AV	2.4382G	113.67	Inf	-Inf	32.12	3	Vertical	358	1.75	-	81.55	27.52	4.60	-
AV	2.4842G	52.73	54.00	-1.27	32.11	3	Vertical	358	1.75	-	20.62	27.50	4.61	-
PK	2.3838G	62.10	74.00	-11.90	32.22	3	Vertical	358	1.75	-	29.88	27.66	4.56	-
PK	2.4414G	121.34	Inf	-Inf	32.12	3	Vertical	358	1.75	-	89.22	27.52	4.60	-
PK	2.4842G	63.01	74.00	-10.99	32.11	3	Vertical	358	1.75	-	30.90	27.50	4.61	-

**802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2437MHz_TX**



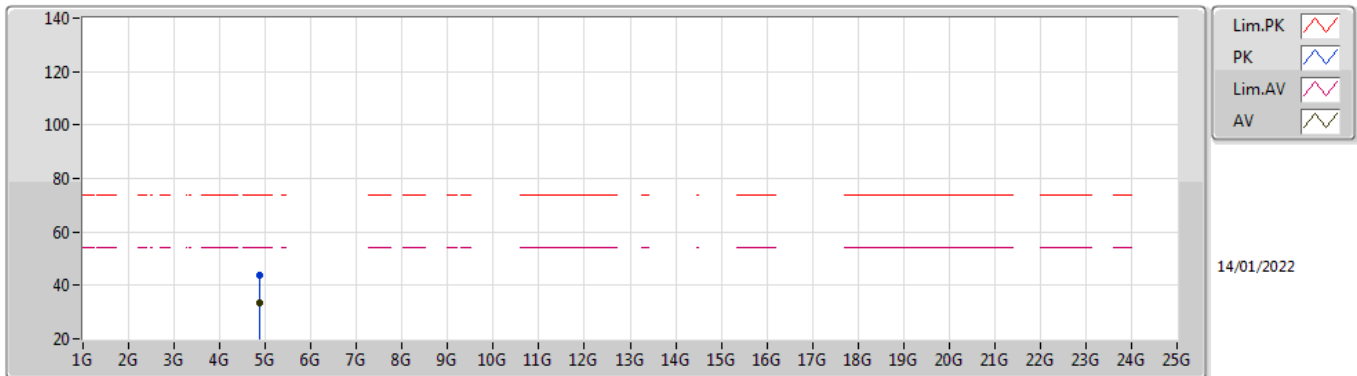
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3774G	52.32	54.00	-1.68	32.25	3	Horizontal	8	1.81	-	20.07	27.69	4.56	-
AV	2.4378G	114.31	Inf	-Inf	32.12	3	Horizontal	8	1.81	-	82.19	27.52	4.60	-
AV	2.4958G	53.20	54.00	-0.80	32.12	3	Horizontal	8	1.81	-	21.08	27.50	4.62	-
PK	2.3714G	61.80	74.00	-12.20	32.26	3	Horizontal	8	1.81	-	29.54	27.71	4.55	-
PK	2.4386G	120.59	Inf	-Inf	32.12	3	Horizontal	8	1.81	-	88.47	27.52	4.60	-
PK	2.4838G	61.91	74.00	-12.09	32.11	3	Horizontal	8	1.81	-	29.80	27.50	4.61	-

**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	4.87209G	33.71	54.00	-20.29	3.02	3	Vertical	79	1.50	-	30.69	31.10	6.71	34.79
PK	4.87256G	43.88	74.00	-30.12	3.02	3	Vertical	79	1.50	-	40.86	31.10	6.71	34.79

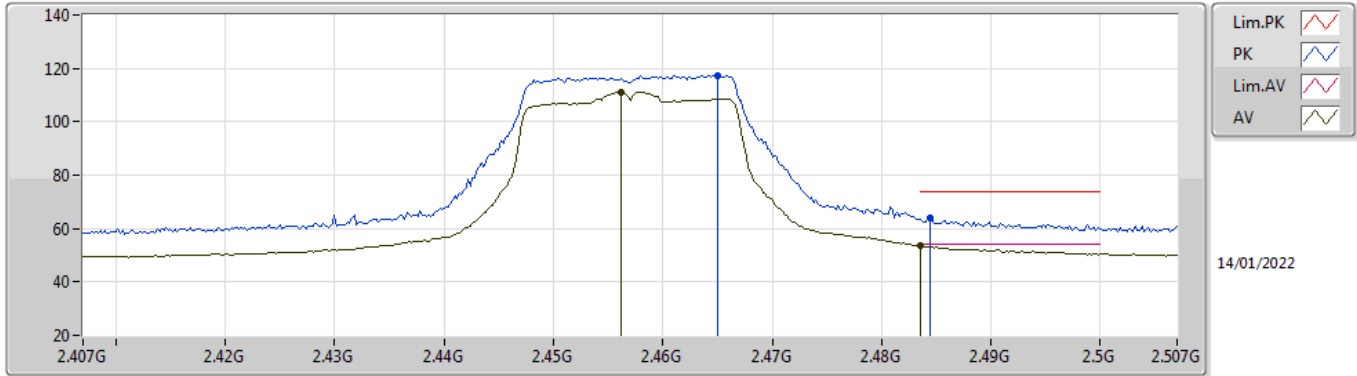
**802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2437MHz_TX**



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	4.87272G	33.59	54.00	-20.41	3.02	3	Horizontal	360	1.50	-	30.57	31.10	6.71	34.79
PK	4.87301G	43.90	74.00	-30.10	3.02	3	Horizontal	360	1.50	-	40.88	31.10	6.71	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

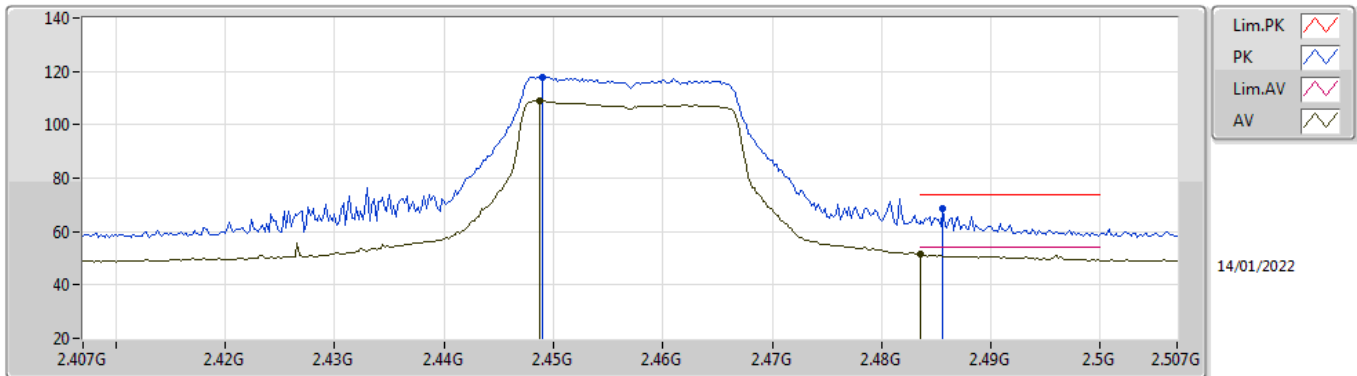
2457MHz_TX



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	2.4562G	111.11	Inf	-Inf	32.10	3	Vertical	349	1.80	-	79.01	27.50	4.60	-
AV	2.4835G	53.58	54.00	-0.42	32.11	3	Vertical	349	1.80	-	21.47	27.50	4.61	-
PK	2.465G	117.32	Inf	-Inf	32.11	3	Vertical	349	1.80	-	85.21	27.50	4.61	-
PK	2.4844G	63.87	74.00	-10.13	32.11	3	Vertical	349	1.80	-	31.76	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

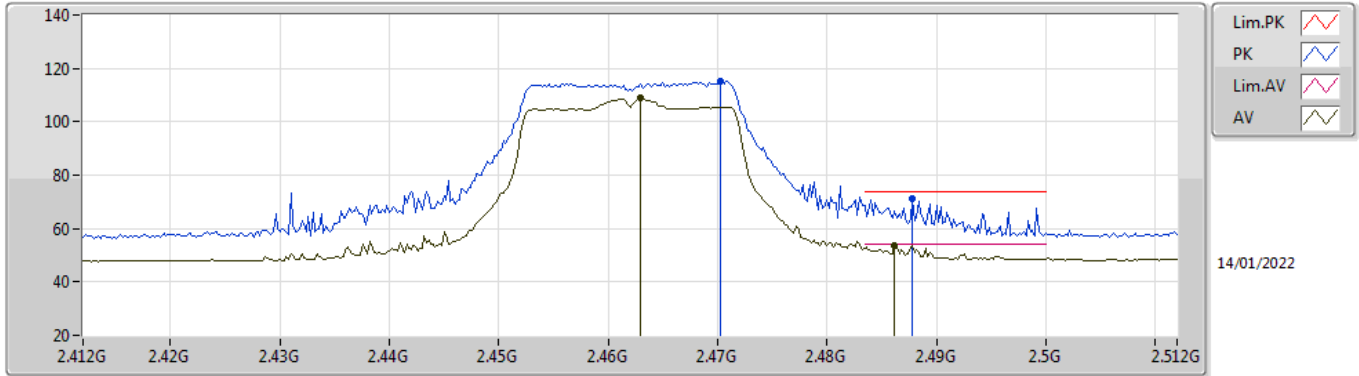
2457MHz_TX



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	2.4488G	109.06	Inf	-Inf	32.10	3	Horizontal	359	1.80	-	76.96	27.50	4.60	-
AV	2.4836G	51.33	54.00	-2.67	32.11	3	Horizontal	359	1.80	-	19.22	27.50	4.61	-
PK	2.449G	117.85	Inf	-Inf	32.10	3	Horizontal	359	1.80	-	85.75	27.50	4.60	-
PK	2.4856G	68.61	74.00	-5.39	32.11	3	Horizontal	359	1.80	-	36.50	27.50	4.61	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

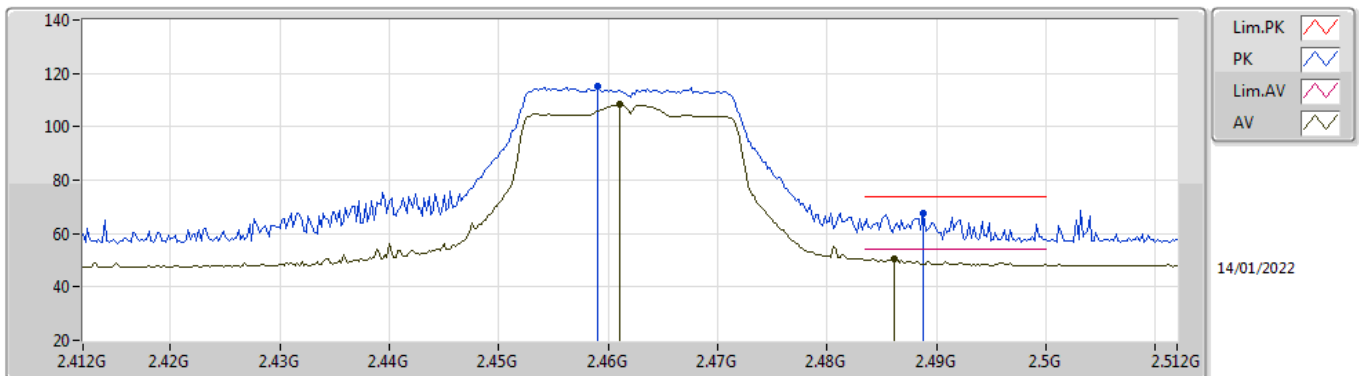
2462MHz_TX



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	2.463G	109.13	Inf	-Inf	32.11	3	Vertical	347	1.80	-	77.02	27.50	4.61	-
AV	2.4862G	53.70	54.00	-0.30	32.11	3	Vertical	347	1.80	-	21.59	27.50	4.61	-
PK	2.4702G	115.12	Inf	-Inf	32.11	3	Vertical	347	1.80	-	83.01	27.50	4.61	-
PK	2.4878G	71.04	74.00	-2.96	32.12	3	Vertical	347	1.80	-	38.92	27.50	4.62	-

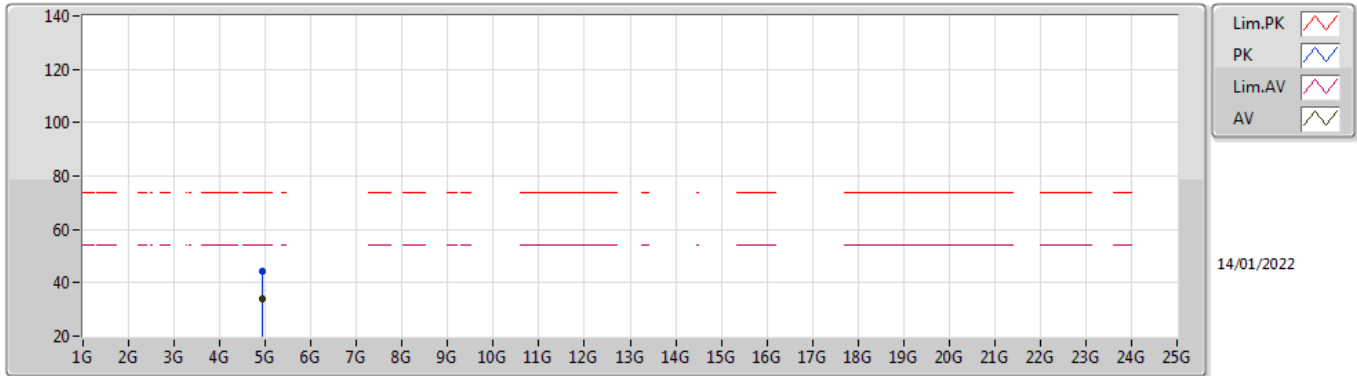
802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX



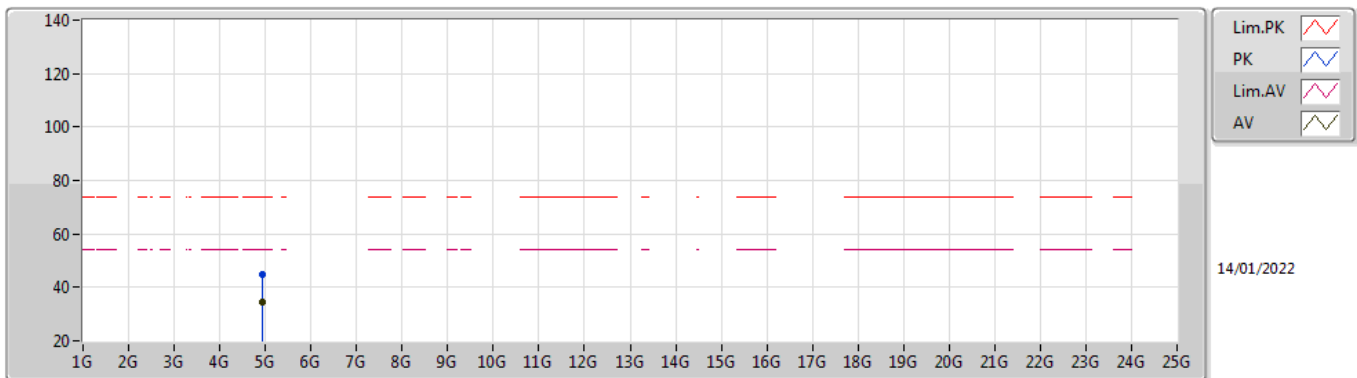
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.461G	108.29	Inf	-Inf	32.10	3	Horizontal	360	1.80	-	76.19	27.50	4.60	-
AV	2.4862G	50.29	54.00	-3.71	32.11	3	Horizontal	360	1.80	-	18.18	27.50	4.61	-
PK	2.459G	115.07	Inf	-Inf	32.10	3	Horizontal	360	1.80	-	82.97	27.50	4.60	-
PK	2.4888G	67.43	74.00	-6.57	32.12	3	Horizontal	360	1.80	-	35.31	27.50	4.62	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2462MHz_TX



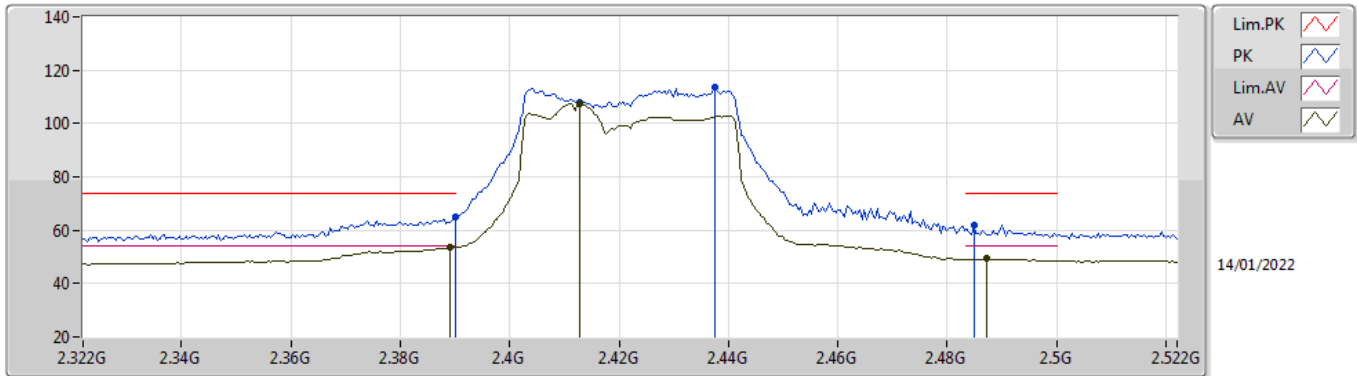
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92193G	34.09	54.00	-19.91	3.16	3	Vertical	49	1.50	-	30.93	31.19	6.75	34.78
PK	4.92521G	44.50	74.00	-29.50	3.17	3	Vertical	49	1.50	-	41.33	31.20	6.75	34.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2462MHz_TX



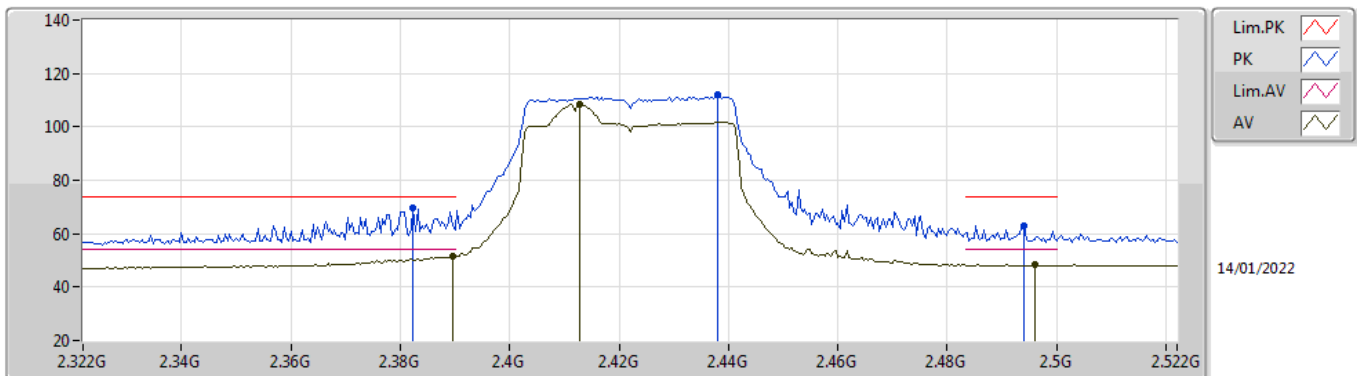
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92399G	34.36	54.00	-19.64	3.17	3	Horizontal	0	1.80	-	31.19	31.20	6.75	34.78
PK	4.92415G	44.98	74.00	-29.02	3.17	3	Horizontal	0	1.80	-	41.81	31.20	6.75	34.78

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz_TX**



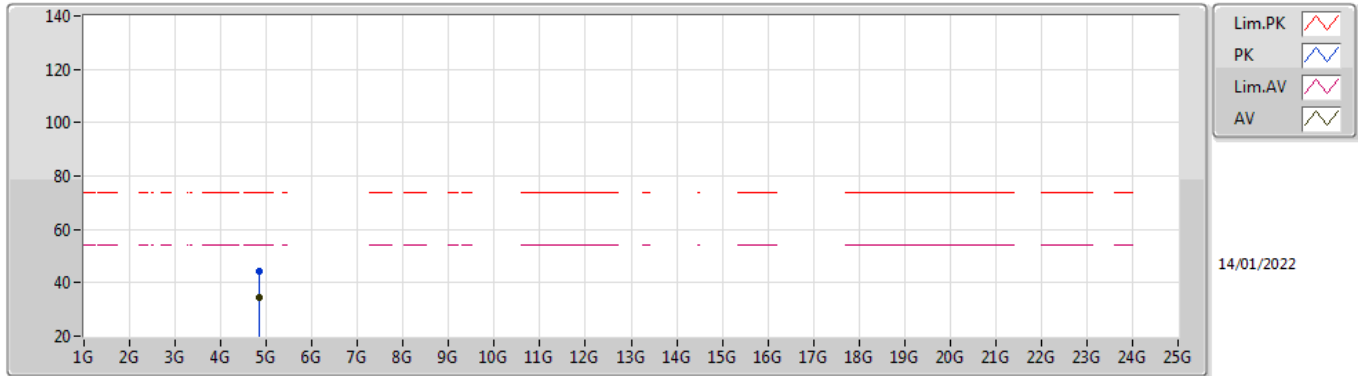
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	53.69	54.00	-0.31	32.21	3	Vertical	0	1.67	-	21.48	27.64	4.57	-
AV	2.4128G	107.38	Inf	-Inf	32.16	3	Vertical	0	1.67	-	75.22	27.57	4.59	-
AV	2.4872G	49.35	54.00	-4.65	32.11	3	Vertical	0	1.67	-	17.24	27.50	4.61	-
PK	2.39G	65.05	74.00	-8.95	32.21	3	Vertical	0	1.67	-	32.84	27.64	4.57	-
PK	2.4376G	113.65	Inf	-Inf	32.12	3	Vertical	0	1.67	-	81.53	27.52	4.60	-
PK	2.4848G	61.94	74.00	-12.06	32.11	3	Vertical	0	1.67	-	29.83	27.50	4.61	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz_TX**



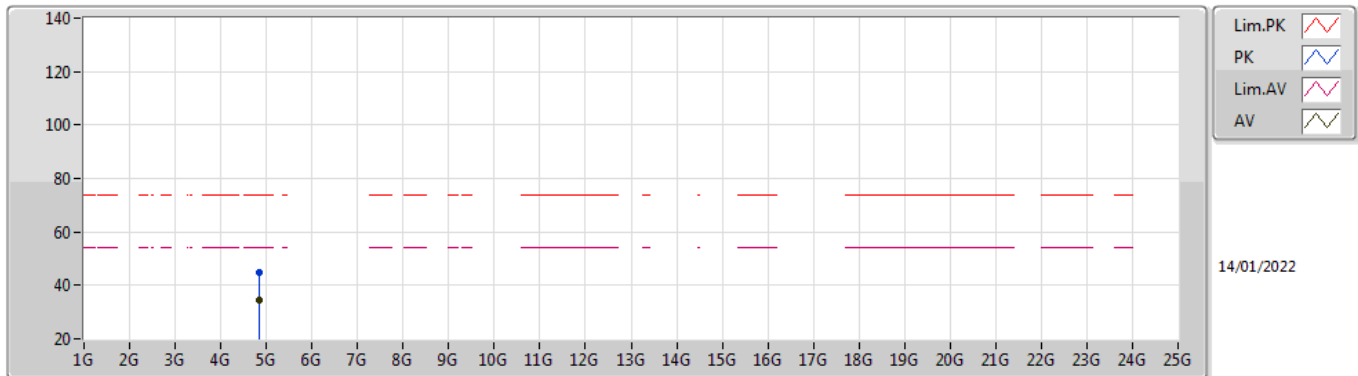
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	51.35	54.00	-2.65	32.21	3	Horizontal	6	2.02	-	19.14	27.64	4.57	-
AV	2.4128G	108.32	Inf	-Inf	32.16	3	Horizontal	6	2.02	-	76.16	27.57	4.59	-
AV	2.496G	48.62	54.00	-5.38	32.12	3	Horizontal	6	2.02	-	16.50	27.50	4.62	-
PK	2.3824G	69.46	74.00	-4.54	32.23	3	Horizontal	6	2.02	-	37.23	27.67	4.56	-
PK	2.438G	111.91	Inf	-Inf	32.12	3	Horizontal	6	2.02	-	79.79	27.52	4.60	-
PK	2.494G	62.95	74.00	-11.05	32.12	3	Horizontal	6	2.02	-	30.83	27.50	4.62	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz_TX



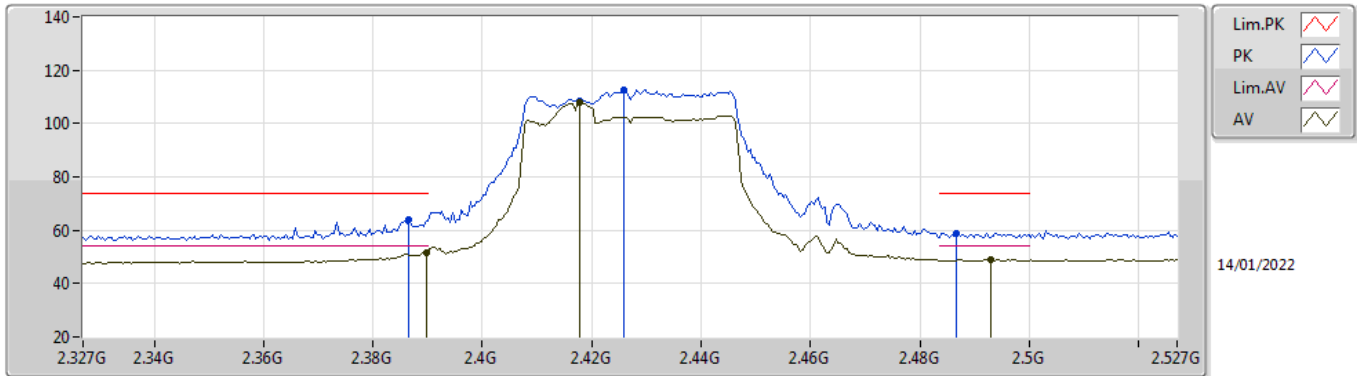
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84165G	34.44	54.00	-19.56	2.99	3	Vertical	114	2.14	-	31.45	31.10	6.69	34.80
PK	4.84166G	44.39	74.00	-29.61	2.99	3	Vertical	114	2.14	-	41.40	31.10	6.69	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz_TX



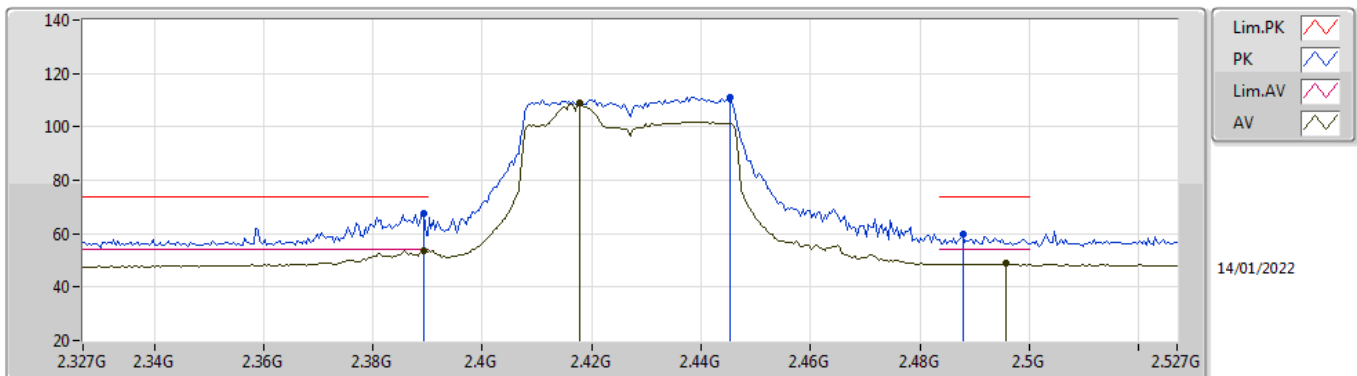
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84247G	34.52	54.00	-19.48	2.99	3	Horizontal	357	2.62	-	31.53	31.10	6.69	34.80
PK	4.84267G	44.60	74.00	-29.40	2.99	3	Horizontal	357	2.62	-	41.61	31.10	6.69	34.80

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2427MHz_TX**



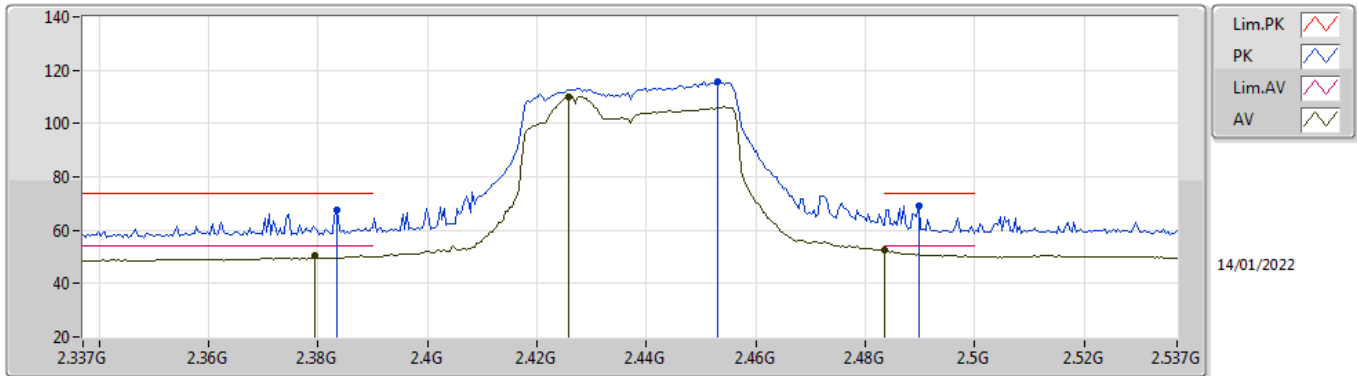
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.57	54.00	-2.43	32.21	3	Vertical	-0.1	1.77	-	19.36	27.64	4.57	-
AV	2.4178G	107.90	Inf	-Inf	32.15	3	Vertical	-0.1	1.77	-	75.75	27.56	4.59	-
AV	2.493G	49.05	54.00	-4.95	32.12	3	Vertical	-0.1	1.77	-	16.93	27.50	4.62	-
PK	2.3866G	64.20	74.00	-9.80	32.22	3	Vertical	-0.1	1.77	-	31.98	27.65	4.57	-
PK	2.4258G	112.84	Inf	-Inf	32.14	3	Vertical	-0.1	1.77	-	80.70	27.55	4.59	-
PK	2.4866G	58.87	74.00	-15.13	32.11	3	Vertical	-0.1	1.77	-	26.76	27.50	4.61	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2427MHz_TX**



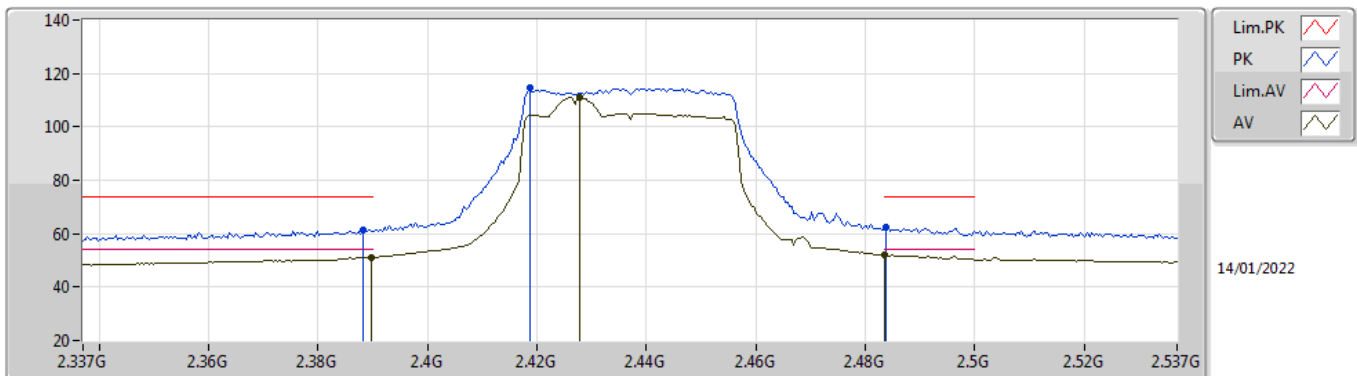
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	53.85	54.00	-0.15	32.21	3	Horizontal	11	1.87	-	21.64	27.64	4.57	-
AV	2.4178G	108.72	Inf	-Inf	32.15	3	Horizontal	11	1.87	-	76.57	27.56	4.59	-
AV	2.4958G	49.10	54.00	-4.90	32.12	3	Horizontal	11	1.87	-	16.98	27.50	4.62	-
PK	2.3894G	67.41	74.00	-6.59	32.21	3	Horizontal	11	1.87	-	35.20	27.64	4.57	-
PK	2.4454G	111.19	Inf	-Inf	32.11	3	Horizontal	11	1.87	-	79.08	27.51	4.60	-
PK	2.4878G	59.83	74.00	-14.17	32.12	3	Horizontal	11	1.87	-	27.71	27.50	4.62	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2437MHz_TX**



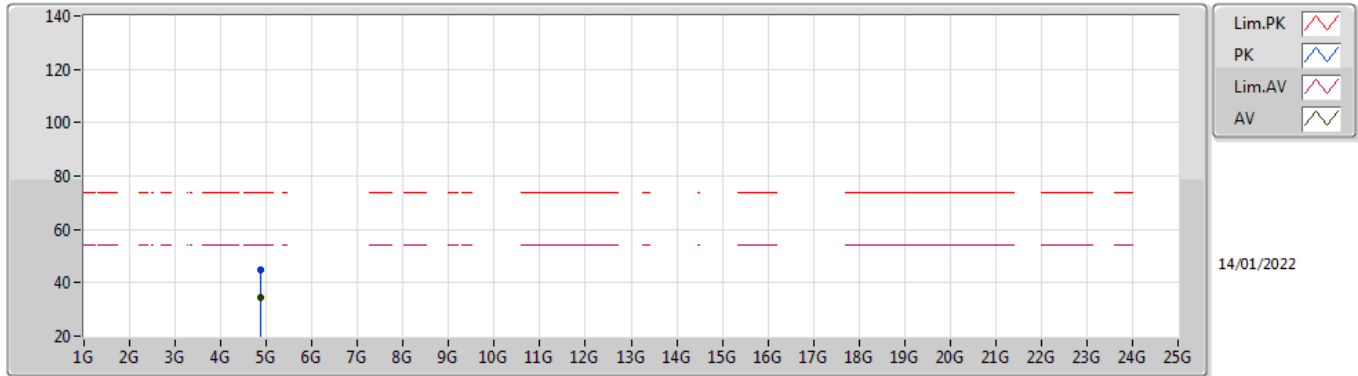
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3794G	50.33	54.00	-3.67	32.24	3	Vertical	1	1.74	-	18.09	27.68	4.56	-
AV	2.4258G	110.24	Inf	-Inf	32.14	3	Vertical	1	1.74	-	78.10	27.55	4.59	-
AV	2.4835G	52.40	54.00	-1.60	32.11	3	Vertical	1	1.74	-	20.29	27.50	4.61	-
PK	2.3834G	67.36	74.00	-6.64	32.23	3	Vertical	1	1.74	-	35.13	27.67	4.56	-
PK	2.453G	115.88	Inf	-Inf	32.10	3	Vertical	1	1.74	-	83.78	27.50	4.60	-
PK	2.4898G	69.33	74.00	-4.67	32.12	3	Vertical	1	1.74	-	37.21	27.50	4.62	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2437MHz_TX**



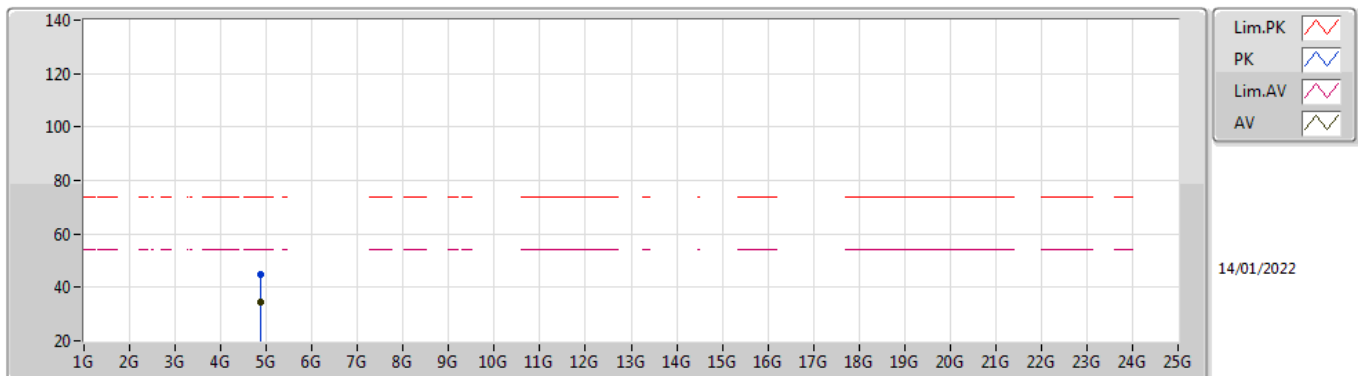
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.18	54.00	-2.82	32.21	3	Horizontal	2	1.83	-	18.97	27.64	4.57	-
AV	2.4278G	111.00	Inf	-Inf	32.13	3	Horizontal	2	1.83	-	78.87	27.54	4.59	-
AV	2.4835G	51.94	54.00	-2.06	32.11	3	Horizontal	2	1.83	-	19.83	27.50	4.61	-
PK	2.3882G	61.59	74.00	-12.41	32.22	3	Horizontal	2	1.83	-	29.37	27.65	4.57	-
PK	2.4186G	114.60	Inf	-Inf	32.15	3	Horizontal	2	1.83	-	82.45	27.56	4.59	-
PK	2.4838G	62.56	74.00	-11.44	32.11	3	Horizontal	2	1.83	-	30.45	27.50	4.61	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2437MHz_TX



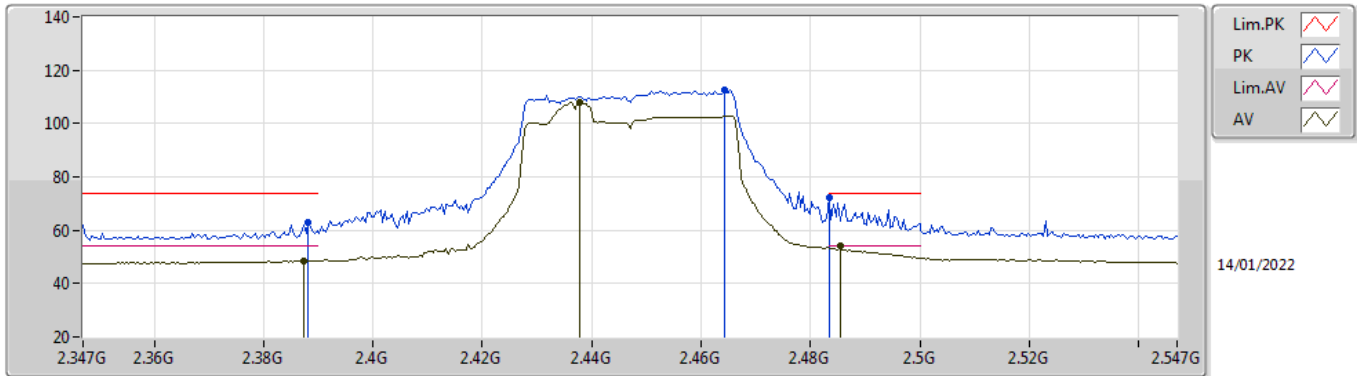
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87166G	34.29	54.00	-19.71	3.02	3	Vertical	60	1.63	-	31.27	31.10	6.71	34.79
PK	4.87466G	44.79	74.00	-29.21	3.03	3	Vertical	60	1.63	-	41.76	31.10	6.72	34.79

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2437MHz_TX



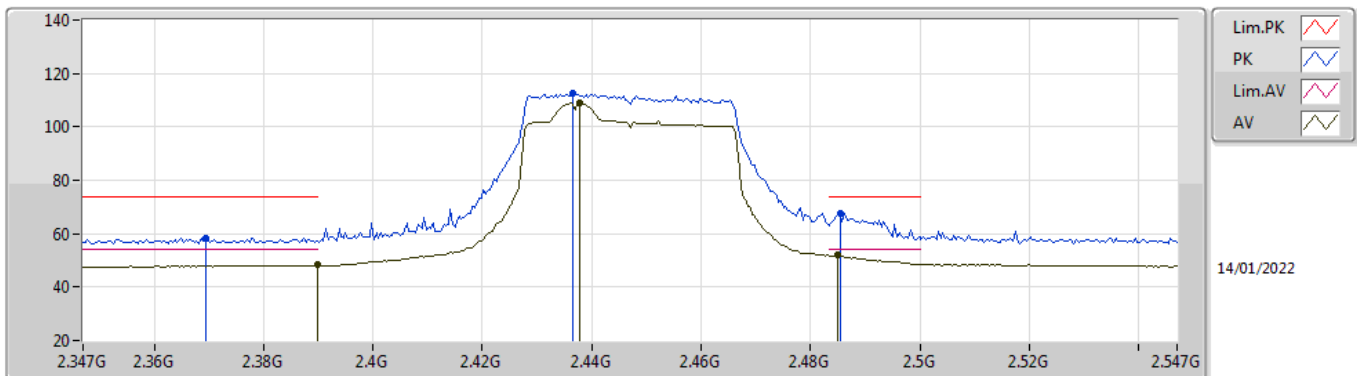
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AV	4.87299G	34.24	54.00	-19.76	3.02	3	Horizontal	248	1.50	-	31.22	31.10	6.71	34.79
PK	4.87366G	44.58	74.00	-29.42	3.03	3	Horizontal	248	1.50	-	41.55	31.10	6.72	34.79

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2447MHz_TX**



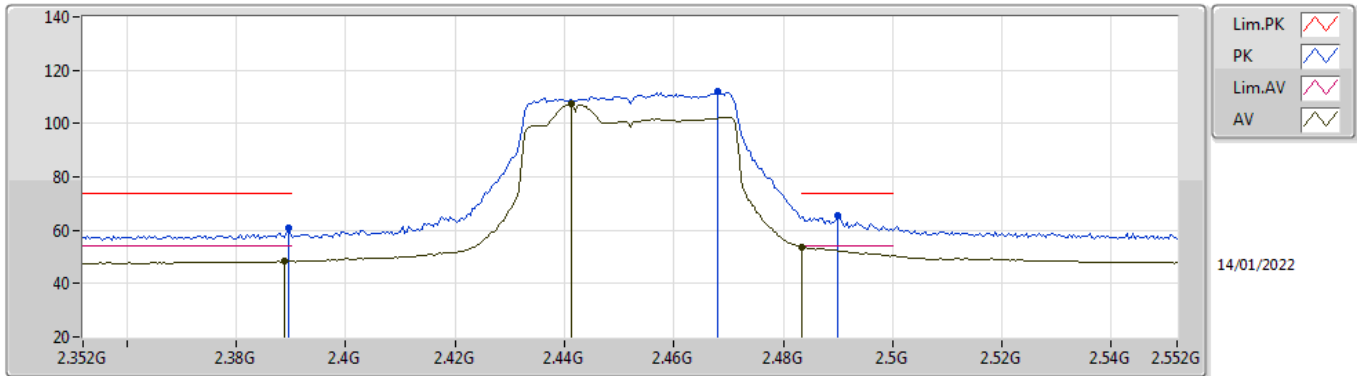
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	48.55	54.00	-5.45	32.22	3	Vertical	352	1.76	-	16.33	27.65	4.57	-
AV	2.4378G	108.11	Inf	-Inf	32.12	3	Vertical	352	1.76	-	75.99	27.52	4.60	-
AV	2.4854G	53.88	54.00	-0.12	32.11	3	Vertical	352	1.76	-	21.77	27.50	4.61	-
PK	2.3882G	62.78	74.00	-11.22	32.22	3	Vertical	352	1.76	-	30.56	27.65	4.57	-
PK	2.4642G	112.42	Inf	-Inf	32.11	3	Vertical	352	1.76	-	80.31	27.50	4.61	-
PK	2.4835G	72.19	74.00	-1.81	32.11	3	Vertical	352	1.76	-	40.08	27.50	4.61	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2447MHz_TX**



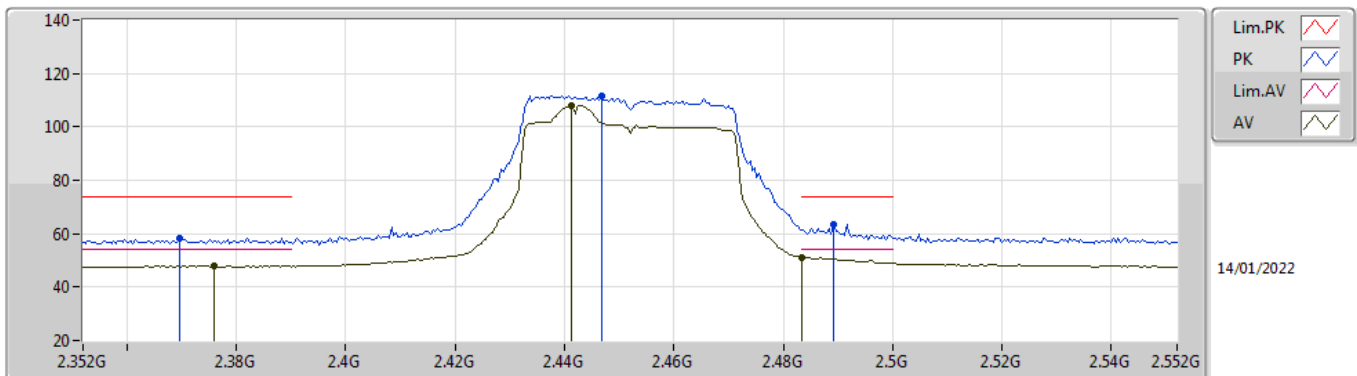
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.25	54.00	-5.75	32.21	3	Horizontal	360	1.87	-	16.04	27.64	4.57	-
AV	2.4378G	109.07	Inf	-Inf	32.12	3	Horizontal	360	1.87	-	76.95	27.52	4.60	-
AV	2.485G	51.95	54.00	-2.05	32.11	3	Horizontal	360	1.87	-	19.84	27.50	4.61	-
PK	2.3694G	58.40	74.00	-15.60	32.27	3	Horizontal	360	1.87	-	26.13	27.72	4.55	-
PK	2.4366G	112.47	Inf	-Inf	32.12	3	Horizontal	360	1.87	-	80.35	27.53	4.59	-
PK	2.4854G	67.63	74.00	-6.37	32.11	3	Horizontal	360	1.87	-	35.52	27.50	4.61	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2452MHz_TX**



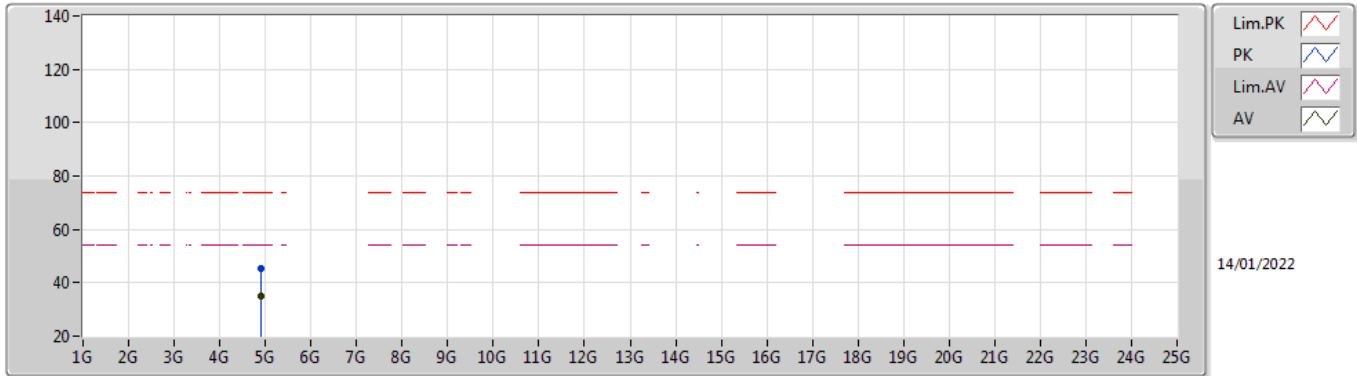
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	48.39	54.00	-5.61	32.21	3	Vertical	345	1.75	-	16.18	27.64	4.57	-
AV	2.4412G	107.20	Inf	-Inf	32.12	3	Vertical	345	1.75	-	75.08	27.52	4.60	-
AV	2.4835G	53.75	54.00	-0.25	32.11	3	Vertical	345	1.75	-	21.64	27.50	4.61	-
PK	2.3896G	60.62	74.00	-13.38	32.21	3	Vertical	345	1.75	-	28.41	27.64	4.57	-
PK	2.468G	111.82	Inf	-Inf	32.11	3	Vertical	345	1.75	-	79.71	27.50	4.61	-
PK	2.49G	65.46	74.00	-8.54	32.12	3	Vertical	345	1.75	-	33.34	27.50	4.62	-

**802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2452MHz_TX**



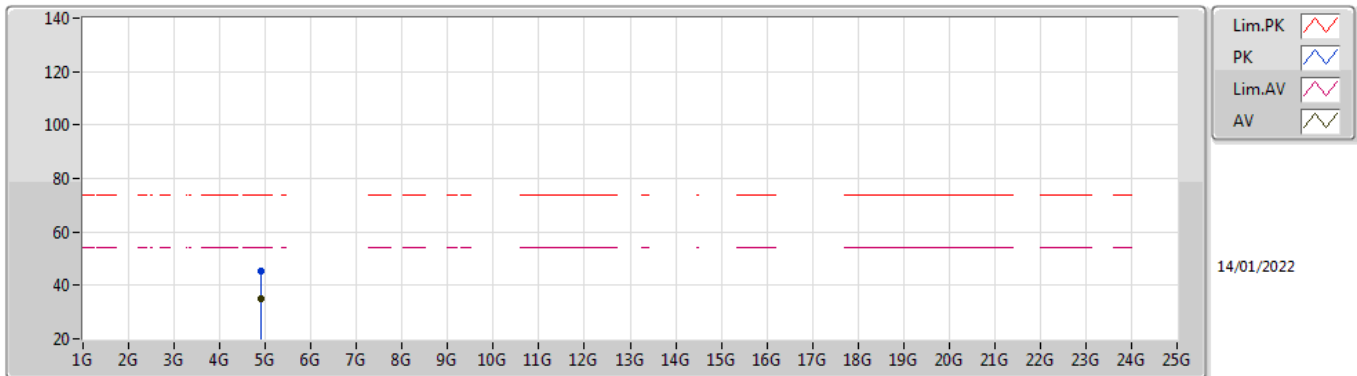
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.376G	48.07	54.00	-5.93	32.26	3	Horizontal	360	1.83	-	15.81	27.70	4.56	-
AV	2.4412G	107.88	Inf	-Inf	32.12	3	Horizontal	360	1.83	-	75.76	27.52	4.60	-
AV	2.4835G	51.14	54.00	-2.86	32.11	3	Horizontal	360	1.83	-	19.03	27.50	4.61	-
PK	2.3696G	58.28	74.00	-15.72	32.27	3	Horizontal	360	1.83	-	26.01	27.72	4.55	-
PK	2.4468G	111.81	Inf	-Inf	32.11	3	Horizontal	360	1.83	-	79.70	27.51	4.60	-
PK	2.4892G	63.49	74.00	-10.51	32.12	3	Horizontal	360	1.83	-	31.37	27.50	4.62	-

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	4.90157G	34.77	54.00	-19.23	3.06	3	Vertical	192	1.89	-	31.71	31.11	6.74	34.79
PK	4.90341G	45.23	74.00	-28.77	3.06	3	Vertical	192	1.89	-	42.17	31.11	6.74	34.79

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	4.90392G	34.88	54.00	-19.12	3.08	3	Horizontal	360	1.50	-	31.80	31.12	6.74	34.78
PK	4.90402G	45.42	74.00	-28.58	3.08	3	Horizontal	360	1.50	-	42.34	31.12	6.74	34.78