

FCC Test Report

FCC ID : TVE-371BB072

Equipment : Secured Wireless Access Point

Brand Name : FORTINET

Model Name : FortiAP U231Fxxxxxx, FAP-U231Fxxxxxx,
FORTIAP-U231Fxxxxxx (Where "x" can be used
as "A-Z", or "0-9", or "-", or blank for software
changes or marketing purposes only)

Applicant : Fortinet, Inc.
899 Kifer Road, Sunnyvale, CA 94086, USA

Manufacturer : Universal Global Scientific Industrial Co., Ltd
141, Lane 351, Sec. 1, Taiping Road, Tsao-tuen,
Nantou 54261, Taiwan

Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 08, 2020, and testing was started from Aug. 04, 2020 and completed on Sep. 14, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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History of this test report

Report No.	Version	Description	Issued Date
FR040829-01AC	01	Initial issue of report	Oct. 07, 2020



Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Sam Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

The EUT has Four radio chip.

Function	Radio 1	Radio 2	Radio 3	Radio 4
WiFi 2.4G	V	X	V	X
WiFi 5G	V	V	V	X
Bluetooth / Zigbee	X	X	X	V

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]

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	VHT20	20	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1	1	ARISTOTLE	-	PIFA Antenna	IPEX
2		ARISTOTLE	-	PIFA Antenna	IPEX
3	2	ARISTOTLE	-	PIFA Antenna	IPEX
4		ARISTOTLE	-	PIFA Antenna	IPEX
5	3	ARISTOTLE	-	PIFA Antenna	IPEX
6		ARISTOTLE	-	PIFA Antenna	IPEX
7	4	ARISTOTLE	-	PIFA Antenna	IPEX

Ant.	Gain (dBi)							
	Radio 1		Radio 2		Radio 3		Radio 4	
	2.4G	5G	5G	5G	2.4G	5G	BT	Zigbee
1	3.89	4.53	-	-	-	-	-	-
2	3.86	5.07	-	-	-	-	-	-
3	-	-	5.89	-	-	-	-	-
4	-	-	-	5.07	-	-	-	-
5	-	-	-	-	3.78	5.26	-	-
6	-	-	-	-	3.97	5.44	-	-
7	-	-	-	-	-	-	3.69	3.69

Ant.	BF Gain (dBi)
	Radio 1 & 2 & 3
-	3.01

Directional gain = $G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})$ dBi, where N_{SS} = the number of independent spatial streams of data and $G_{ANT\ MAX}$ is the gain of the antenna having the highest gain (in dBi).

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac/ax mode

Ant. 1, Ant.2, Ant.5 and Ant.6 could transmit/receive simultaneously.(2TX/2RX)

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode

Ant. 1, Ant.2, Ant.3, Ant.4, Ant.5and Ant.6 could transmit/receive simultaneously.(2TX/2RX)

For Bluetooth function:

For IEEE 802.15.1 Bluetooth mode

Ant. 7 could transmit/receive. (1TX/1RX)

For Zigbee function:

For IEEE 802.15.3 Zigbee mode

Ant. 7 could transmit/receive. (1TX/1RX)

**1.1.3 EUT Information**

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

1.1.4 Table for Multiple Listing

Model Name	Description
FortiAP U231Fxxxxxx, FAP-U231Fxxxxxx, FORTIAP-U231Fxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	The difference of models is in sales marketing.

Note: The information from manufacturer.

**1.1.5 Mode Test Duty Cycle****<Radio 1>**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.936	0.29	12.417m	100
802.11g_Nss1,(6Mbps)_2TX	0.952	0.21	2.065m	1k
VHT20_Nss1,(MCS0)_2TX	0.985	0.07	1.929m	10
VHT40_Nss1,(MCS0)_2TX	0.971	0.13	953.125u	3k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.98	0.09	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.962	0.17	773.125u	3k

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

<Radio 3>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_2TX	0.949	0.23	12.419m	100
802.11g_Nss1,(6Mbps)_2TX	0.951	0.22	2.066m	1k
VHT20_Nss1,(MCS0)_2TX	0.985	0.07	1.93m	10
VHT40_Nss1,(MCS0)_2TX	0.972	0.12	954.688u	3k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.98	0.09	1.489m	1k
802.11ax HEW40_Nss1,(MCS0)_2TX	0.963	0.16	775u	3k

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

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	23.5~25.8°C / 58~60%	17/Aug/2020
RF Conducted	TH06-HY	Alan	20.1~26.9°C / 50~60%	04/Aug/2020~10/Sep/2020
Radiated	03CH03-HY	Edward	24.5~26.1°C / 54~68%	04/Aug/2020~14/Sep/2020



1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	MTool3.1.0.1
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<Radio 1>

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	89
2437MHz	78
2462MHz	82
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	65
2417MHz	66
2437MHz	78
2457MHz	69
2462MHz	66
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	54
2417MHz	67
2437MHz	77
2457MHz	69
2462MHz	57
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	52
2427MHz	54
2437MHz	62
2447MHz	55
2452MHz	55
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	54
2417MHz	67



Mode	Power Setting
2437MHz	77
2457MHz	69
2462MHz	57
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	52
2427MHz	54
2437MHz	62
2447MHz	55
2452MHz	55

**<Radio 3>**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	72
2437MHz	71
2462MHz	71
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	76
2417MHz	77
2437MHz	77
2457MHz	77
2462MHz	72
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	64
2417MHz	72
2437MHz	77
2457MHz	76
2462MHz	64
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	62
2427MHz	62
2437MHz	70
2447MHz	69
2452MHz	69
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	64
2417MHz	72
2437MHz	77
2457MHz	76
2462MHz	64
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	62
2427MHz	62
2437MHz	70
2447MHz	69
2452MHz	69

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Adapter mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 1)		V (Radio 3)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz+Zigbee
Refer to Sporton Test Report No.: FA040829-01 for Co-location RF Exposure Evaluation.	



2.4 Support Equipment

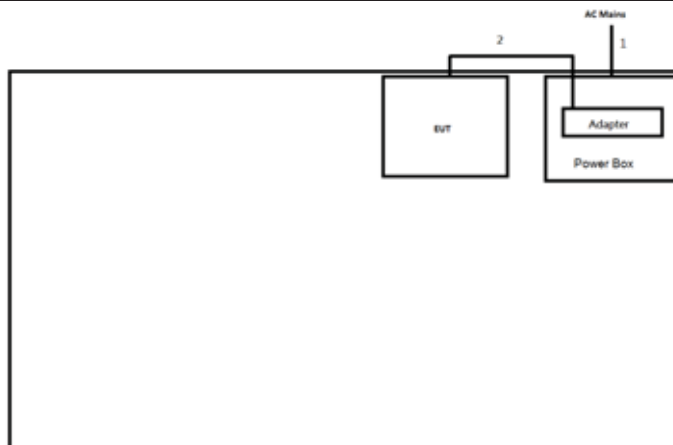
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC adapter	APD	WA-30J12R	-	Customer provided

Support Equipment –conducted emissions					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC adapter	APD	WA-30J12R	-	Customer provided

Support Equipment – Radiated emissions					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC adapter	APD	WA-30J12R	-	Customer provided

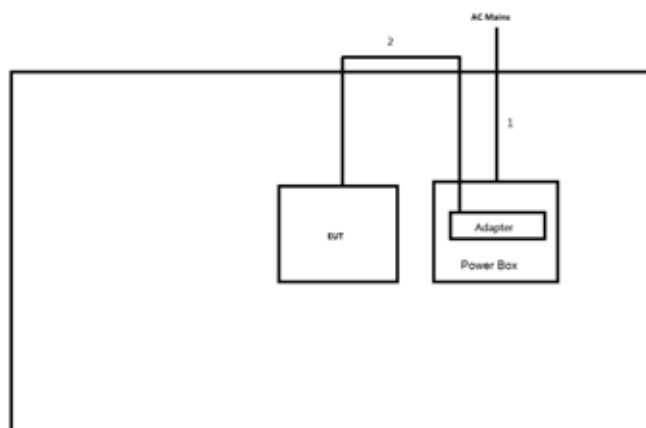
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

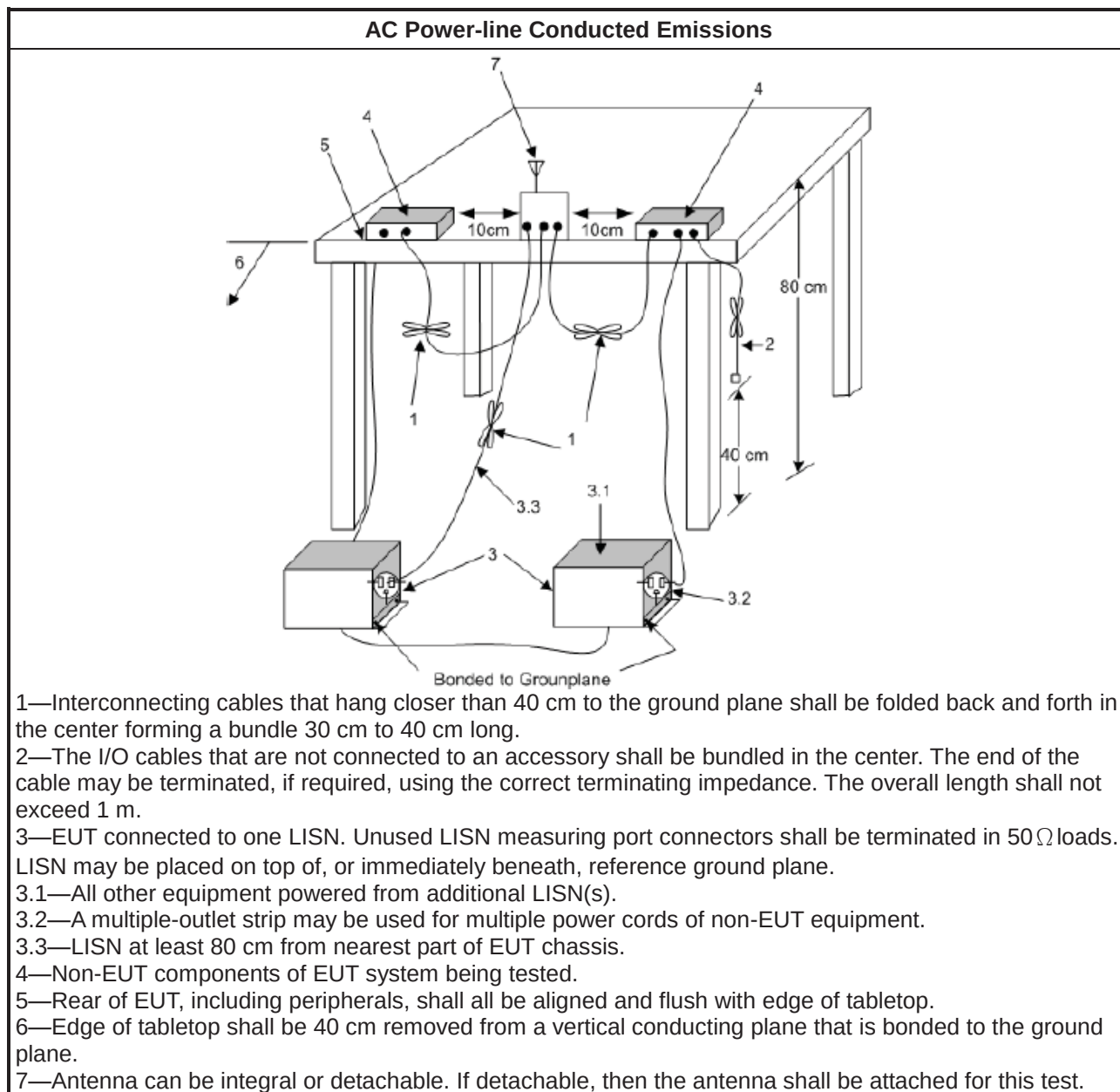
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

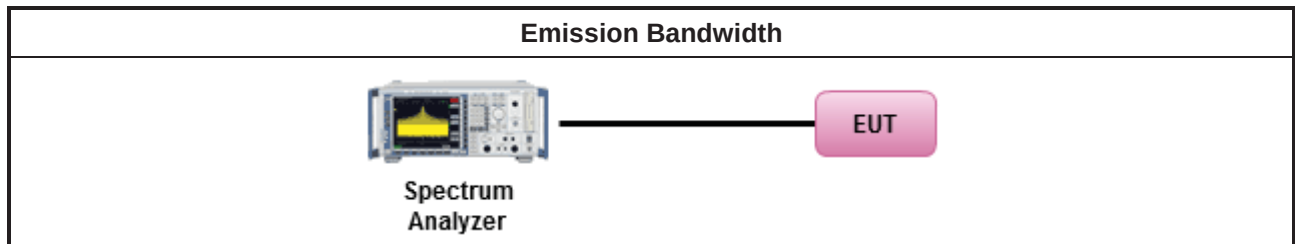
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

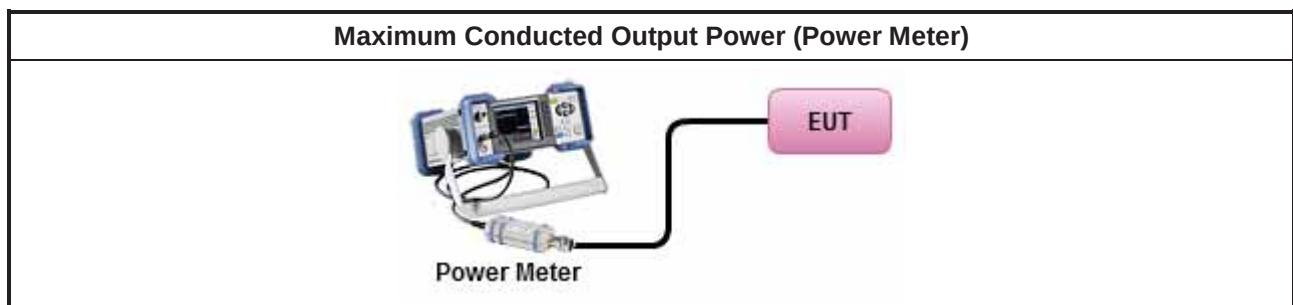
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

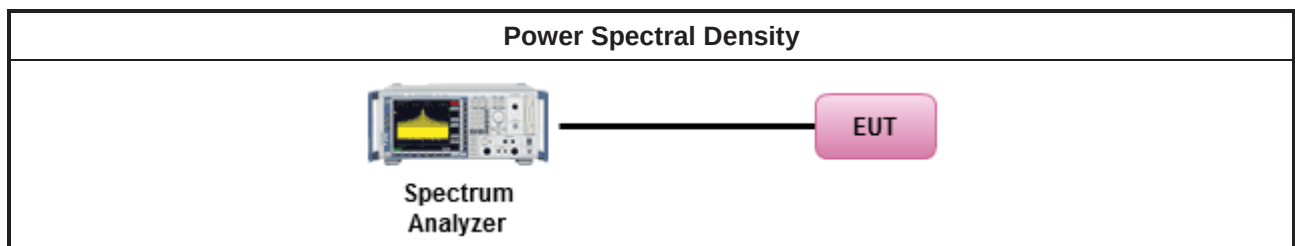
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

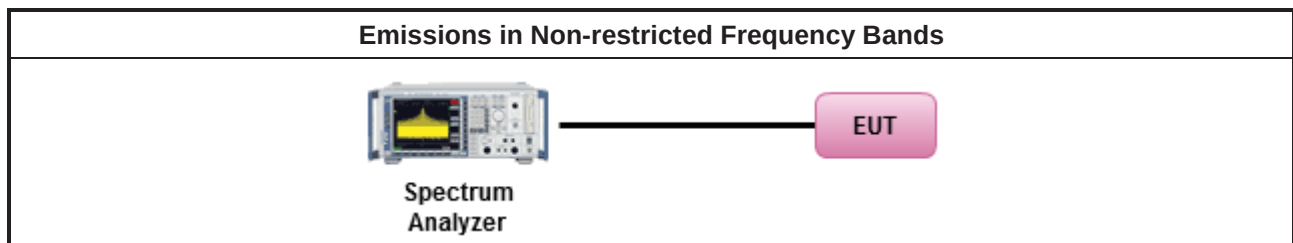
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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



3.6.3 Test Procedures

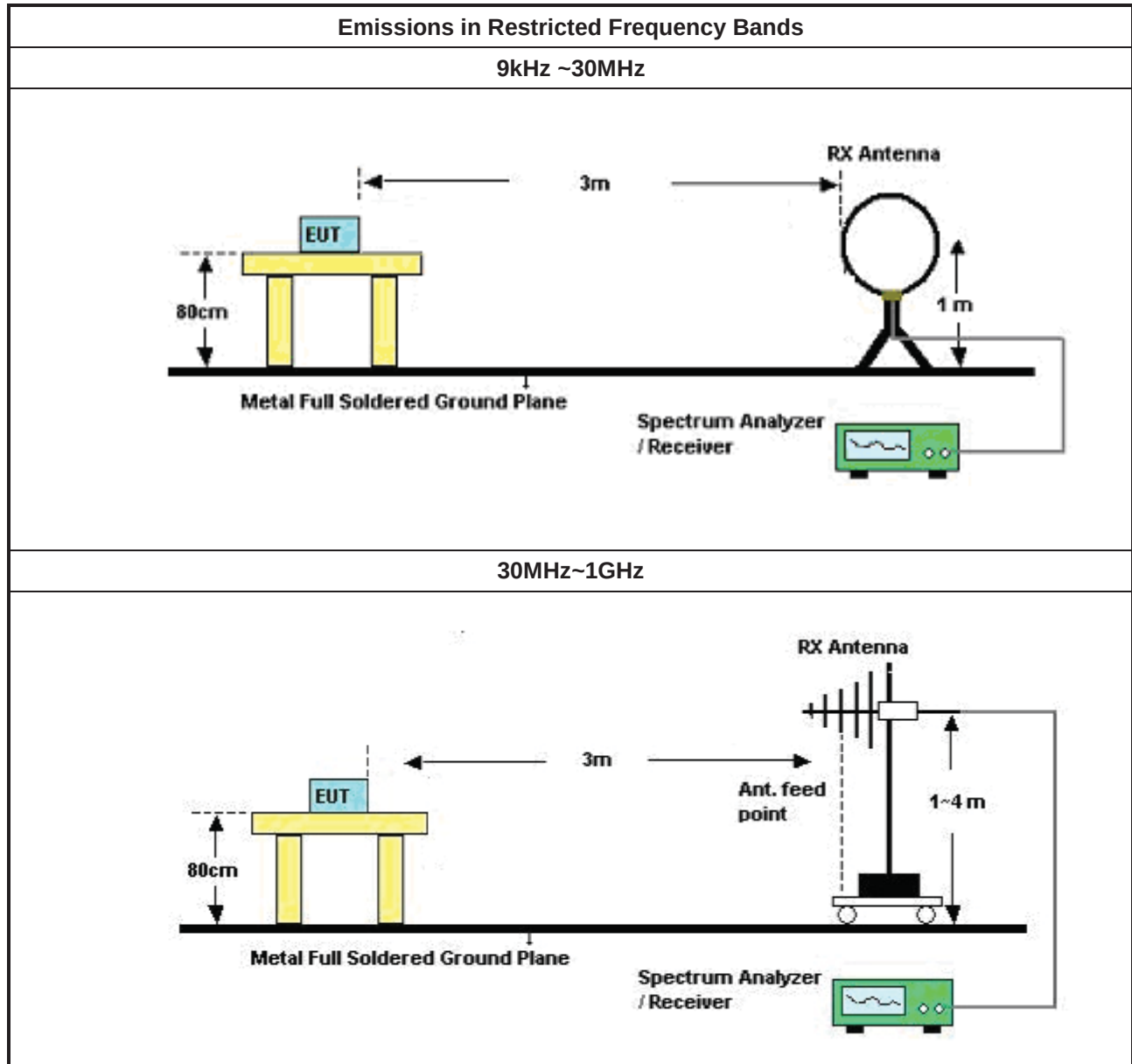
Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted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

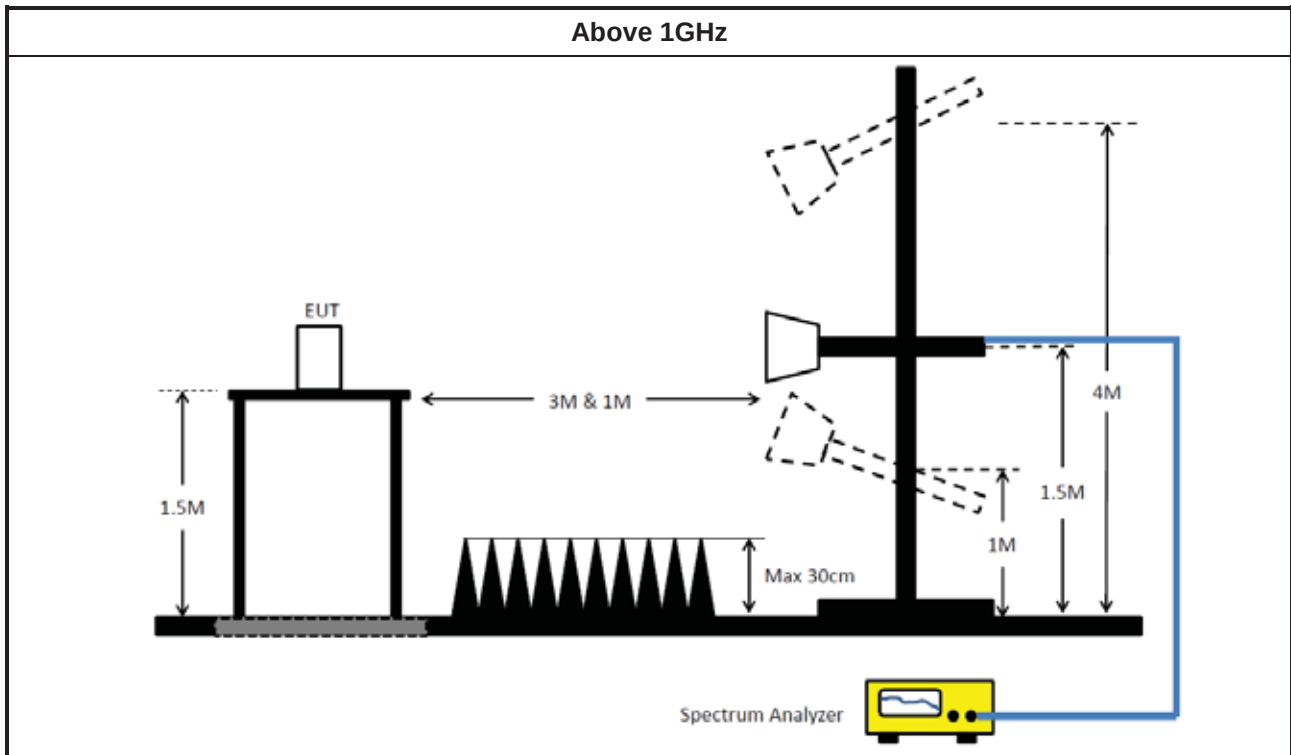
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	05/Nov/2019	04/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	23/Sep/2019	22/Sep/2020
Impuls Begrenzer Puls e Limiter	SCHWARZBEC K	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10KHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

**Instrument for Radiated Test**

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	15/Aug/2019	14/Aug/2020
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	09/Sep/2019	08/Sep/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	27/Nov/2019	26/Nov/2020
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMC1	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	19/Apr/2020	18/Apr/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021



Conducted Emissions at Powerline_Radio 1

Appendix A.1

Summary

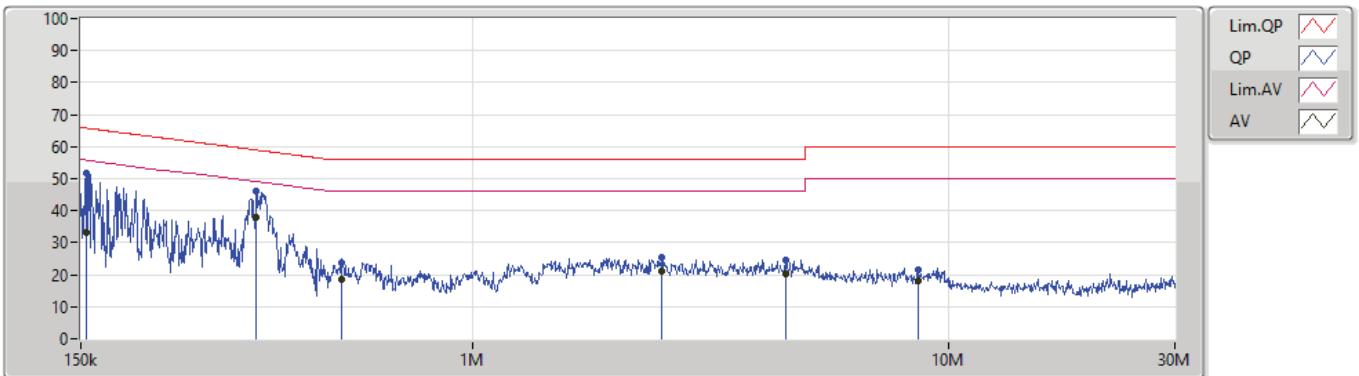
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	351.053k	37.96	48.94	-10.98	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.251k	51.66	65.77	-14.11	Line	-
Mode 1	Pass	AV	154.251k	33.28	55.77	-22.49	Line	-
Mode 1	Pass	QP	351.053k	46.16	58.94	-12.78	Line	-
Mode 1	Pass	AV	351.053k	37.96	48.94	-10.98	Line	"Worst"
Mode 1	Pass	QP	529.596k	23.59	56.00	-32.41	Line	-
Mode 1	Pass	AV	529.596k	18.50	46.00	-27.50	Line	-
Mode 1	Pass	QP	2.492M	25.54	56.00	-30.46	Line	-
Mode 1	Pass	AV	2.492M	21.17	46.00	-24.83	Line	-
Mode 1	Pass	QP	4.554M	24.47	56.00	-31.53	Line	-
Mode 1	Pass	AV	4.554M	20.07	46.00	-25.93	Line	-
Mode 1	Pass	QP	8.661M	21.44	60.00	-38.56	Line	-
Mode 1	Pass	AV	8.661M	18.00	50.00	-32.00	Line	-
Mode 1	Pass	QP	153.024k	51.99	65.83	-13.84	Neutral	-
Mode 1	Pass	AV	153.024k	34.35	55.83	-21.48	Neutral	-
Mode 1	Pass	QP	348.261k	45.37	59.00	-13.63	Neutral	-
Mode 1	Pass	AV	348.261k	36.48	49.00	-12.52	Neutral	"Worst"
Mode 1	Pass	QP	879.278k	29.75	56.00	-26.25	Neutral	-
Mode 1	Pass	AV	879.278k	25.57	46.00	-20.43	Neutral	-
Mode 1	Pass	QP	1.225M	26.68	56.00	-29.32	Neutral	-
Mode 1	Pass	AV	1.225M	22.38	46.00	-23.62	Neutral	-
Mode 1	Pass	QP	4.992M	24.20	56.00	-31.80	Neutral	-
Mode 1	Pass	AV	4.992M	19.66	46.00	-26.34	Neutral	-
Mode 1	Pass	QP	9.841M	22.48	60.00	-37.52	Neutral	-
Mode 1	Pass	AV	9.841M	19.01	50.00	-30.99	Neutral	-

Conducted Emissions at Powerline_Mode 1

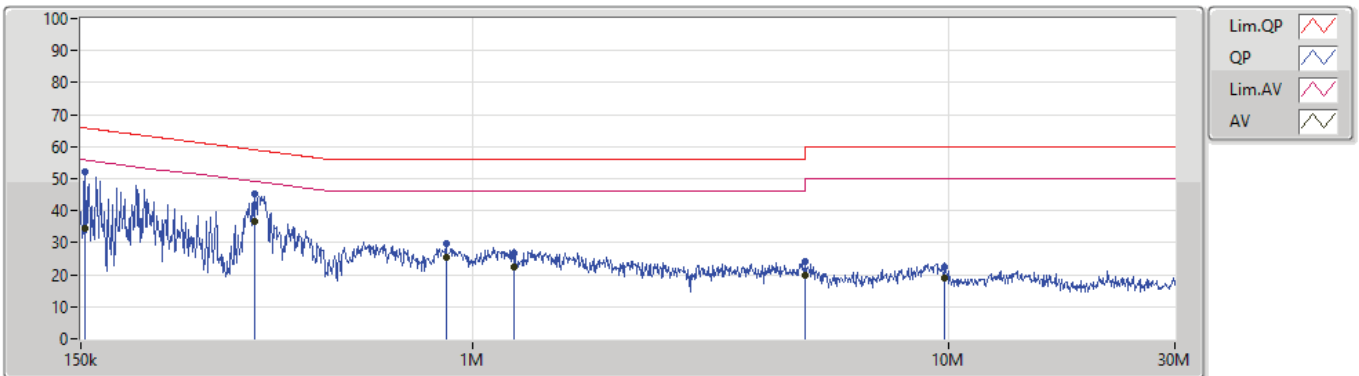
17/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.251k	51.66	65.77	-14.11	19.64	Line	-	32.02	9.66	0.11	9.87			
AV	154.251k	33.28	55.77	-22.49	19.64	Line	-	13.64	9.66	0.11	9.87			
QP	351.053k	46.16	58.94	-12.78	19.64	Line	-	26.52	9.64	0.13	9.87			
AV	351.053k	37.96	48.94	-10.98	19.64	Line	"Worst"	18.32	9.64	0.13	9.87			
QP	529.596k	23.59	56.00	-32.41	19.63	Line	-	3.96	9.64	0.12	9.87			
AV	529.596k	18.50	46.00	-27.50	19.63	Line	-	-1.13	9.64	0.12	9.87			
QP	2.492M	25.54	56.00	-30.46	19.67	Line	-	5.87	9.65	0.15	9.87			
AV	2.492M	21.17	46.00	-24.83	19.67	Line	-	1.50	9.65	0.15	9.87			
QP	4.554M	24.47	56.00	-31.53	19.73	Line	-	4.74	9.66	0.19	9.88			
AV	4.554M	20.07	46.00	-25.93	19.73	Line	-	0.34	9.66	0.19	9.88			
QP	8.661M	21.44	60.00	-38.56	19.83	Line	-	1.61	9.69	0.26	9.88			
AV	8.661M	18.00	50.00	-32.00	19.83	Line	-	-1.83	9.69	0.26	9.88			

Conducted Emissions at Powerline_Mode 1

17/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.024k	51.99	65.83	-13.84	19.63	Neutral	-	32.36	9.65	0.11	9.87			
AV	153.024k	34.35	55.83	-21.48	19.63	Neutral	-	14.72	9.65	0.11	9.87			
QP	348.261k	45.37	59.00	-13.63	19.63	Neutral	-	25.74	9.63	0.13	9.87			
AV	348.261k	36.48	49.00	-12.52	19.63	Neutral	"Worst"	16.85	9.63	0.13	9.87			
QP	879.278k	29.75	56.00	-26.25	19.61	Neutral	-	10.14	9.63	0.11	9.87			
AV	879.278k	25.57	46.00	-20.43	19.61	Neutral	-	5.96	9.63	0.11	9.87			
QP	1.225M	26.68	56.00	-29.32	19.64	Neutral	-	7.04	9.64	0.12	9.88			
AV	1.225M	22.38	46.00	-23.62	19.64	Neutral	-	2.74	9.64	0.12	9.88			
QP	4.992M	24.20	56.00	-31.80	19.75	Neutral	-	4.45	9.67	0.20	9.88			
AV	4.992M	19.66	46.00	-26.34	19.75	Neutral	-	-0.09	9.67	0.20	9.88			
QP	9.841M	22.48	60.00	-37.52	19.85	Neutral	-	2.63	9.70	0.27	9.88			
AV	9.841M	19.01	50.00	-30.99	19.85	Neutral	-	-0.84	9.70	0.27	9.88			



Conducted Emissions at Powerline_Radio 3

Appendix A.2

Summary

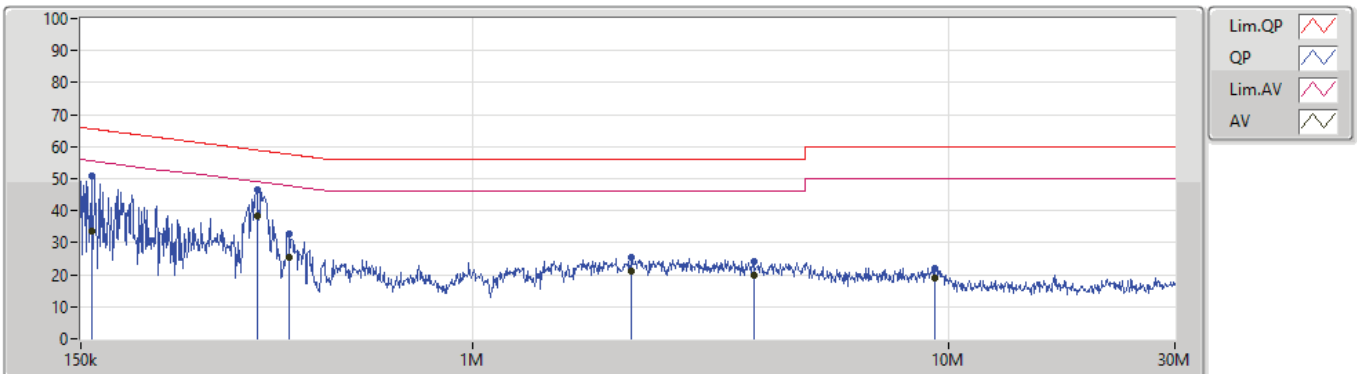
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	352.457k	38.30	48.91	-10.61	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.99k	50.67	65.56	-14.89	Line	-
Mode 1	Pass	AV	157.99k	33.45	55.56	-22.11	Line	-
Mode 1	Pass	QP	352.457k	46.39	58.91	-12.52	Line	-
Mode 1	Pass	AV	352.457k	38.30	48.91	-10.61	Line	"Worst"
Mode 1	Pass	QP	410.192k	32.57	57.64	-25.07	Line	-
Mode 1	Pass	AV	410.192k	25.38	47.64	-22.26	Line	-
Mode 1	Pass	QP	2.15M	25.23	56.00	-30.77	Line	-
Mode 1	Pass	AV	2.15M	21.30	46.00	-24.70	Line	-
Mode 1	Pass	QP	3.898M	24.11	56.00	-31.89	Line	-
Mode 1	Pass	AV	3.898M	20.03	46.00	-25.97	Line	-
Mode 1	Pass	QP	9.38M	21.96	60.00	-38.04	Line	-
Mode 1	Pass	AV	9.38M	18.76	50.00	-31.24	Line	-
Mode 1	Pass	QP	161.82k	49.99	65.37	-15.38	Neutral	-
Mode 1	Pass	AV	161.82k	33.86	55.37	-21.51	Neutral	-
Mode 1	Pass	QP	353.867k	45.68	58.87	-13.19	Neutral	-
Mode 1	Pass	AV	353.867k	37.96	48.87	-10.91	Neutral	"Worst"
Mode 1	Pass	QP	594.596k	30.16	56.00	-25.84	Neutral	-
Mode 1	Pass	AV	594.596k	25.41	46.00	-20.59	Neutral	-
Mode 1	Pass	QP	1.108M	28.90	56.00	-27.10	Neutral	-
Mode 1	Pass	AV	1.108M	25.51	46.00	-20.49	Neutral	-
Mode 1	Pass	QP	4.138M	23.56	56.00	-32.44	Neutral	-
Mode 1	Pass	AV	4.138M	19.26	46.00	-26.74	Neutral	-
Mode 1	Pass	QP	9.232M	24.24	60.00	-35.76	Neutral	-
Mode 1	Pass	AV	9.232M	20.54	50.00	-29.46	Neutral	-

Conducted Emissions at Powerline_Mode 1

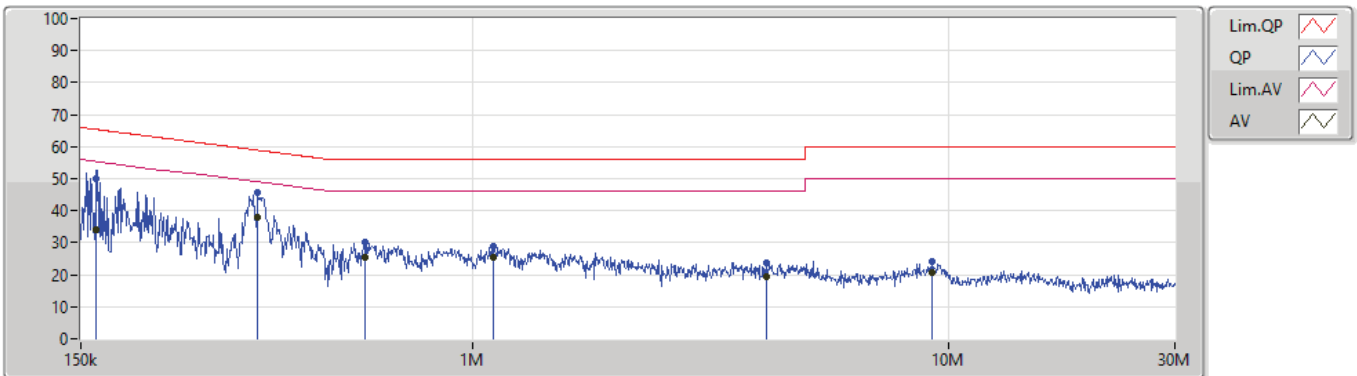
17/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.99k	50.67	65.56	-14.89	19.64	Line	-	31.03	9.66	0.11	9.87			
AV	157.99k	33.45	55.56	-22.11	19.64	Line	-	13.81	9.66	0.11	9.87			
QP	352.457k	46.39	58.91	-12.52	19.64	Line	-	26.75	9.64	0.13	9.87			
AV	352.457k	38.30	48.91	-10.61	19.64	Line	"Worst"	18.66	9.64	0.13	9.87			
QP	410.192k	32.57	57.64	-25.07	19.64	Line	-	12.93	9.64	0.13	9.87			
AV	410.192k	25.38	47.64	-22.26	19.64	Line	-	5.74	9.64	0.13	9.87			
QP	2.15M	25.23	56.00	-30.77	19.66	Line	-	5.57	9.65	0.14	9.87			
AV	2.15M	21.30	46.00	-24.70	19.66	Line	-	1.64	9.65	0.14	9.87			
QP	3.898M	24.11	56.00	-31.89	19.72	Line	-	4.39	9.66	0.18	9.88			
AV	3.898M	20.03	46.00	-25.97	19.72	Line	-	0.31	9.66	0.18	9.88			
QP	9.38M	21.96	60.00	-38.04	19.83	Line	-	2.13	9.69	0.26	9.88			
AV	9.38M	18.76	50.00	-31.24	19.83	Line	-	-1.07	9.69	0.26	9.88			

Conducted Emissions at Powerline_Mode 1

17/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.82k	49.99	65.37	-15.38	19.63	Neutral	-	30.36	9.65	0.11	9.87			
AV	161.82k	33.86	55.37	-21.51	19.63	Neutral	-	14.23	9.65	0.11	9.87			
QP	353.867k	45.68	58.87	-13.19	19.63	Neutral	-	26.05	9.63	0.13	9.87			
AV	353.867k	37.96	48.87	-10.91	19.63	Neutral	"Worst"	18.33	9.63	0.13	9.87			
QP	594.596k	30.16	56.00	-25.84	19.62	Neutral	-	10.54	9.63	0.12	9.87			
AV	594.596k	25.41	46.00	-20.59	19.62	Neutral	-	5.79	9.63	0.12	9.87			
QP	1.108M	28.90	56.00	-27.10	19.62	Neutral	-	9.28	9.63	0.11	9.88			
AV	1.108M	25.51	46.00	-20.49	19.62	Neutral	-	5.89	9.63	0.11	9.88			
QP	4.138M	23.56	56.00	-32.44	19.72	Neutral	-	3.84	9.66	0.18	9.88			
AV	4.138M	19.26	46.00	-26.74	19.72	Neutral	-	-0.46	9.66	0.18	9.88			
QP	9.232M	24.24	60.00	-35.76	19.84	Neutral	-	4.40	9.70	0.26	9.88			
AV	9.232M	20.54	50.00	-29.46	19.84	Neutral	-	0.70	9.70	0.26	9.88			

**Summary**

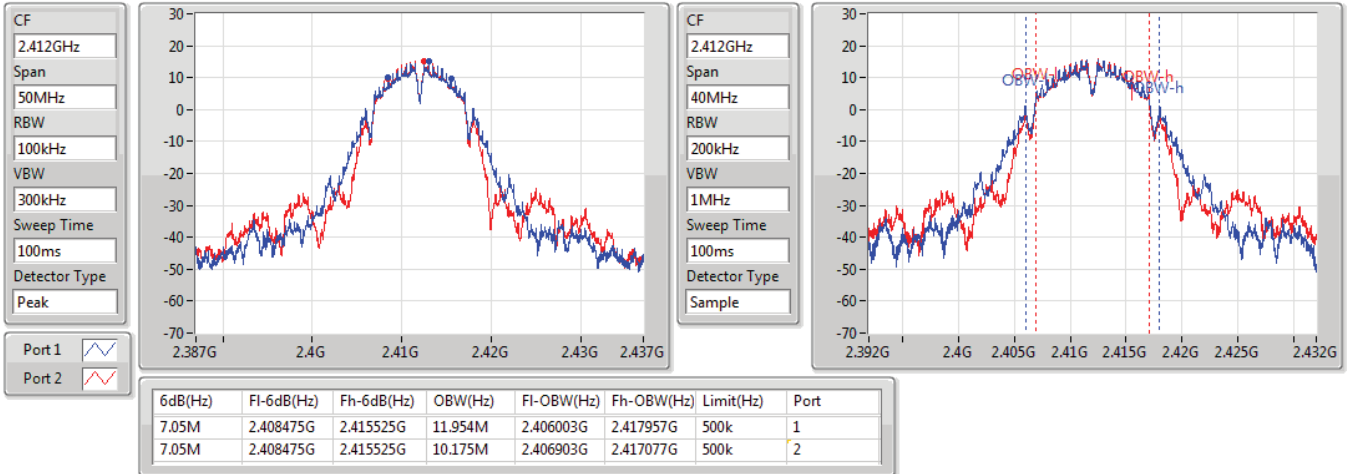
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.05M	11.954M	12M0G1D	6.525M	10.075M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.632M	16M6D1D	16.3M	16.552M
VHT20_Nss1,(MCS0)_2TX	17.6M	17.831M	17M8D1D	17.55M	17.771M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.302M	36M3D1D	35.7M	36.222M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	19.01M	19M0D1D	18.9M	18.971M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.6M	37.581M	37M6D1D	37.05M	37.461M

Result

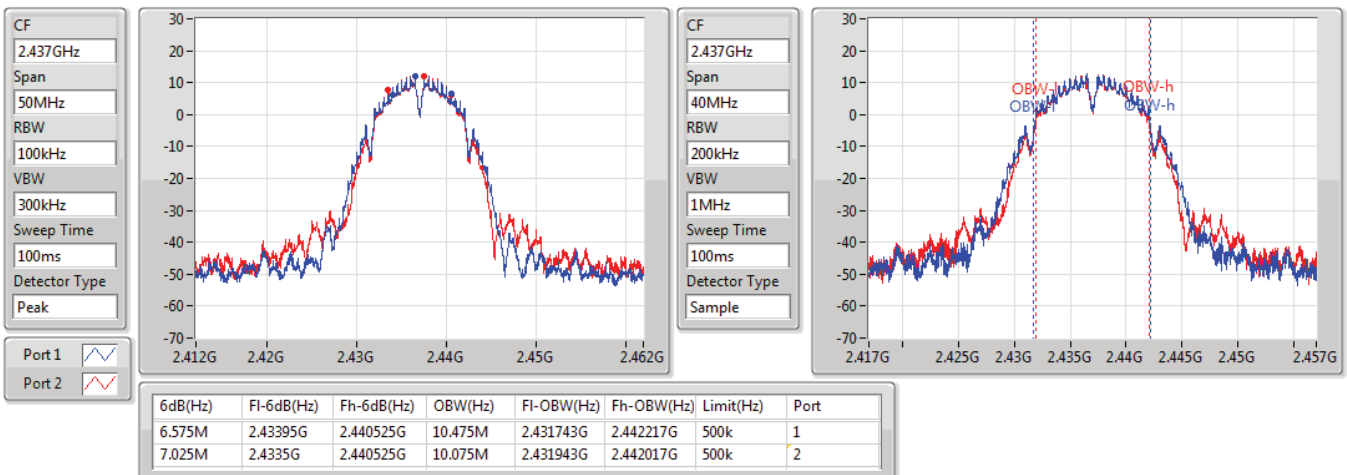
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	11.954M	7.05M	10.175M
2437MHz	Pass	500k	6.575M	10.475M	7.025M	10.075M
2462MHz	Pass	500k	6.525M	10.715M	6.575M	10.075M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.632M	16.35M	16.592M
2437MHz	Pass	500k	16.325M	16.612M	16.325M	16.572M
2462MHz	Pass	500k	16.35M	16.612M	16.35M	16.552M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.771M	17.575M	17.771M
2437MHz	Pass	500k	17.55M	17.791M	17.6M	17.831M
2462MHz	Pass	500k	17.55M	17.771M	17.6M	17.791M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.05M	36.222M	36.3M	36.262M
2437MHz	Pass	500k	36.05M	36.222M	36.3M	36.302M
2452MHz	Pass	500k	35.7M	36.222M	36.3M	36.262M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.925M	19.01M	18.95M	18.971M
2437MHz	Pass	500k	18.9M	19.01M	18.975M	18.991M
2462MHz	Pass	500k	18.925M	18.991M	18.95M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.25M	37.501M	37.05M	37.461M
2437MHz	Pass	500k	37.25M	37.501M	37.6M	37.541M
2452MHz	Pass	500k	37.2M	37.581M	37.6M	37.581M

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

08/09/2020

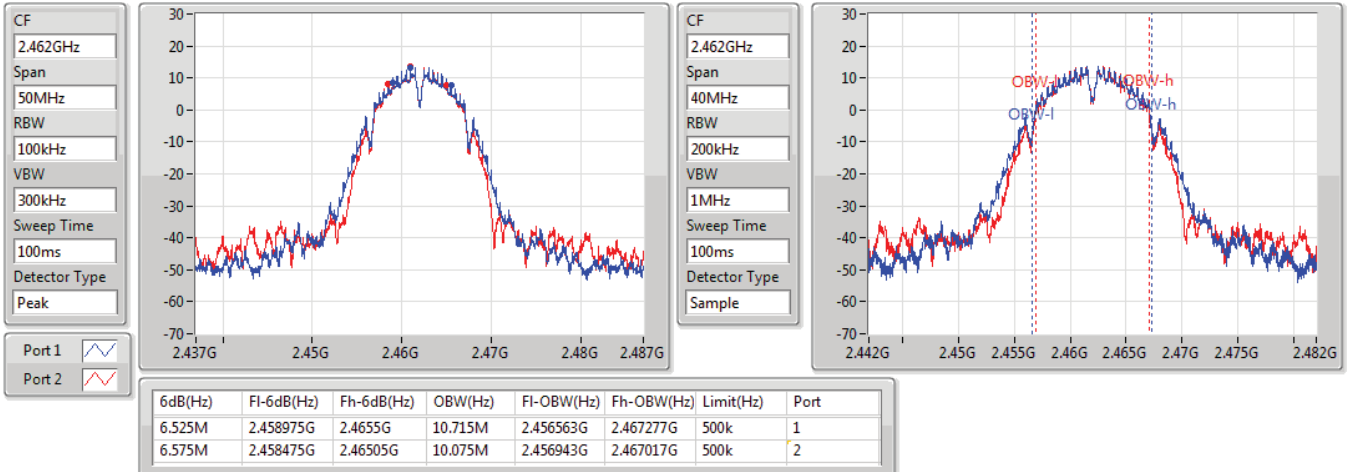

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

08/09/2020

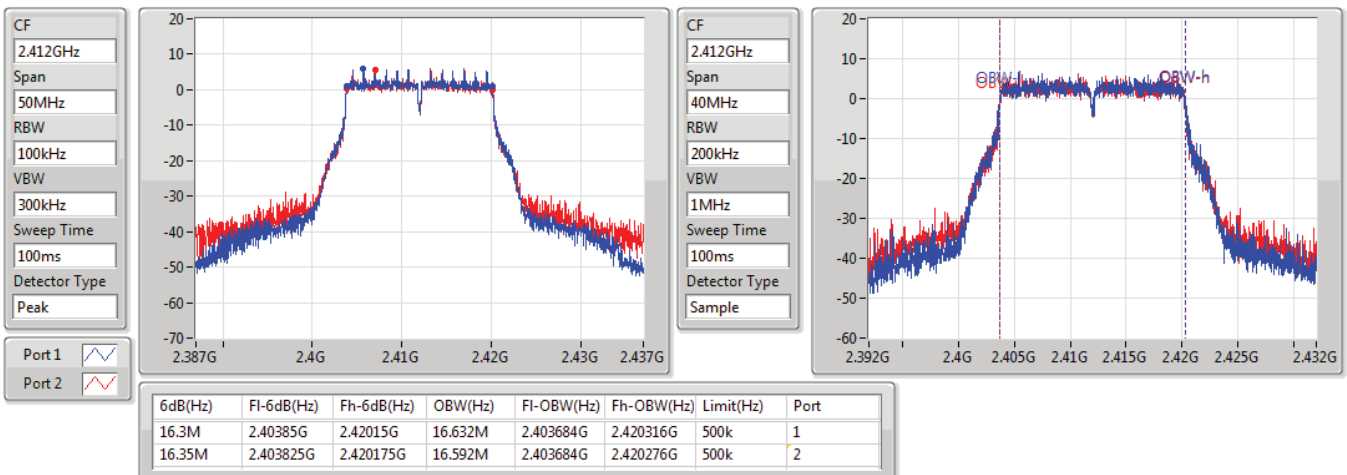


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

08/09/2020

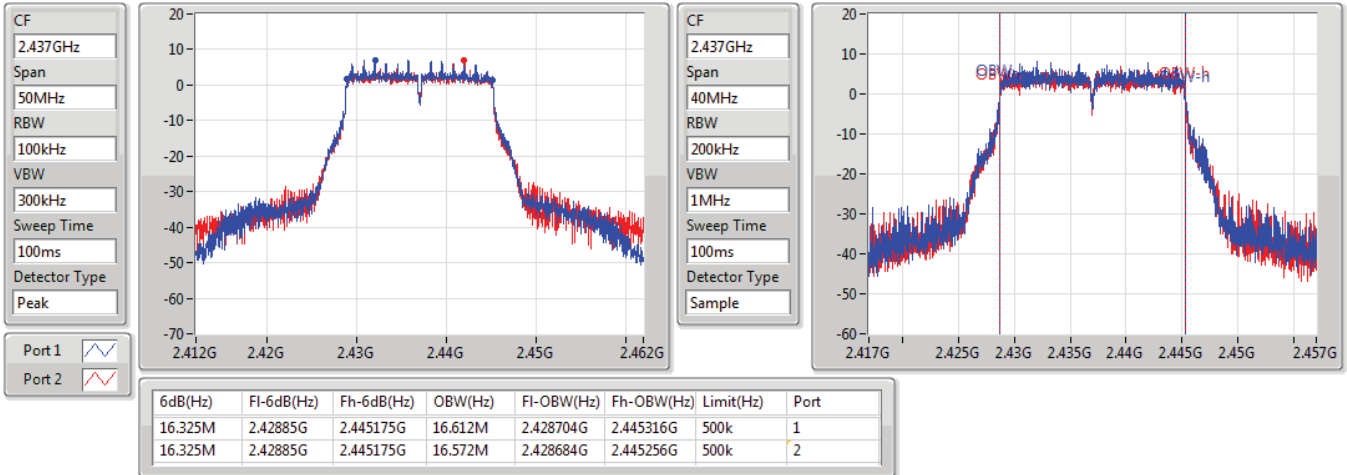

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

13/08/2020

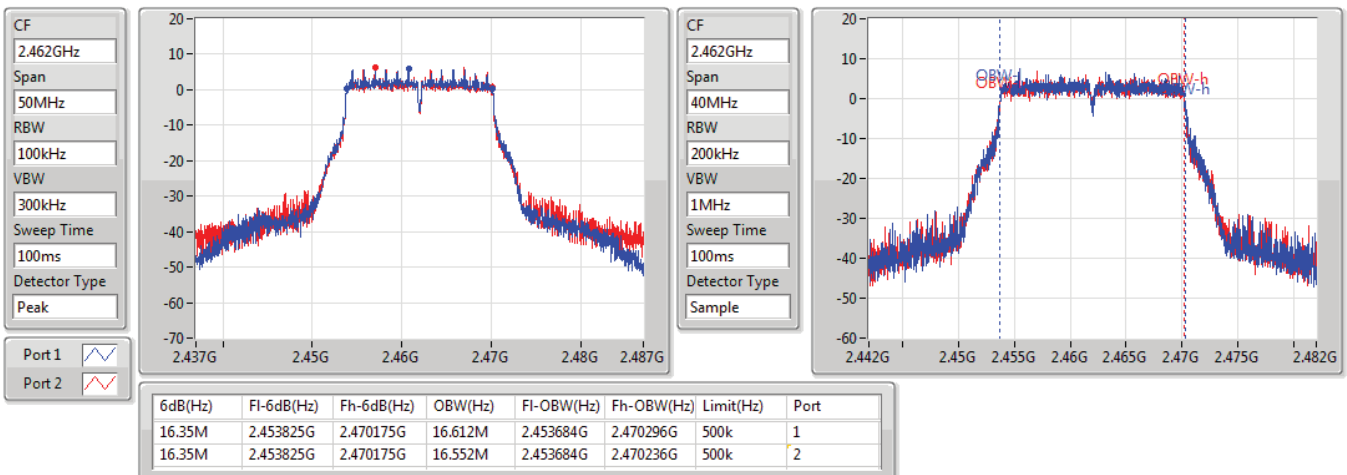


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

13/08/2020

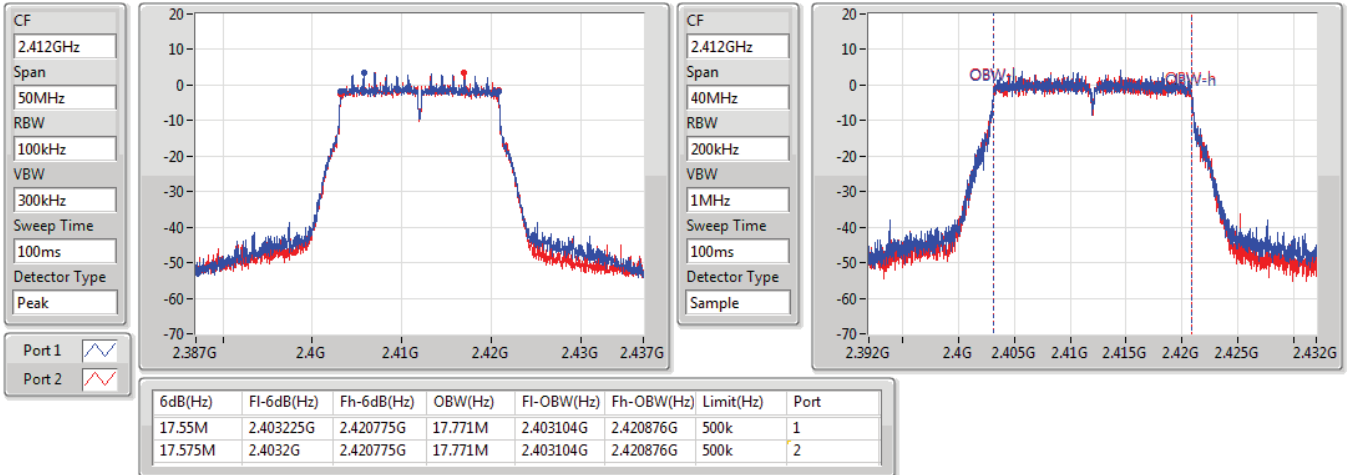

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

13/08/2020

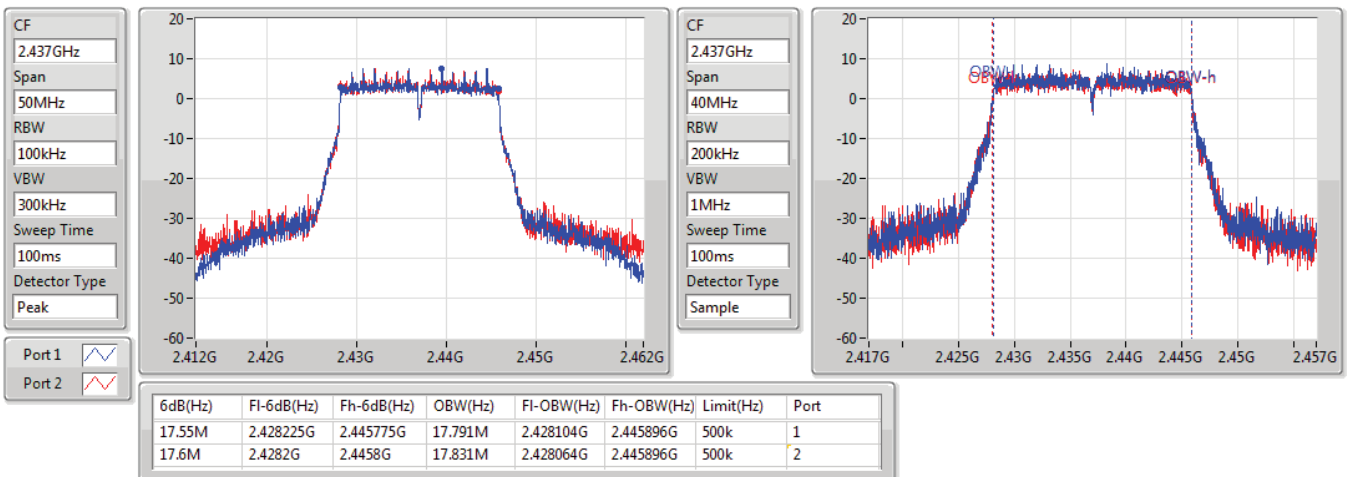


VHT20_Nss1,(MCS0)_2TX
EBW
2412MHz

13/08/2020

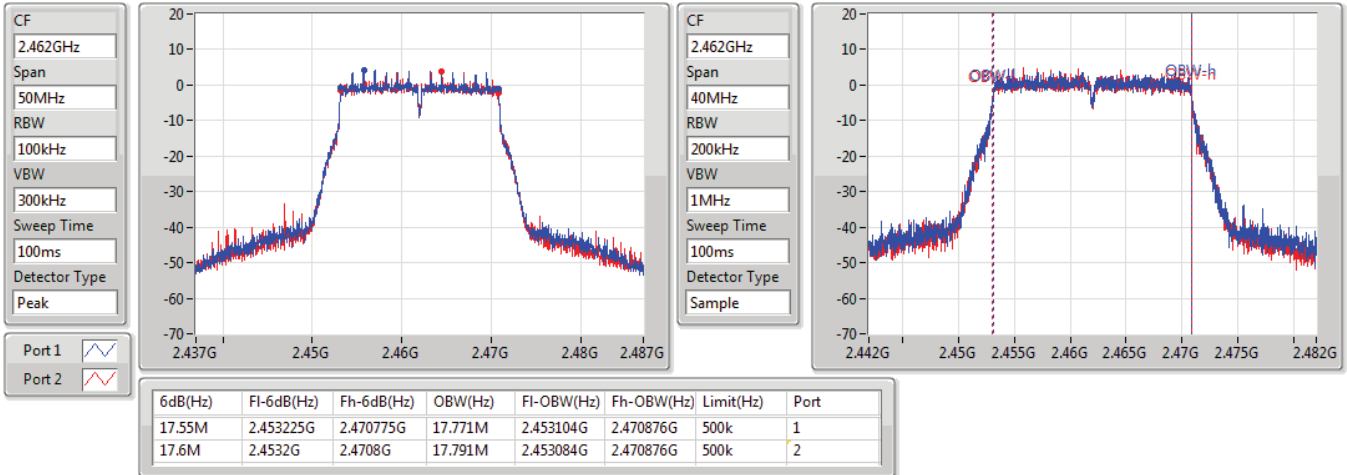

VHT20_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020

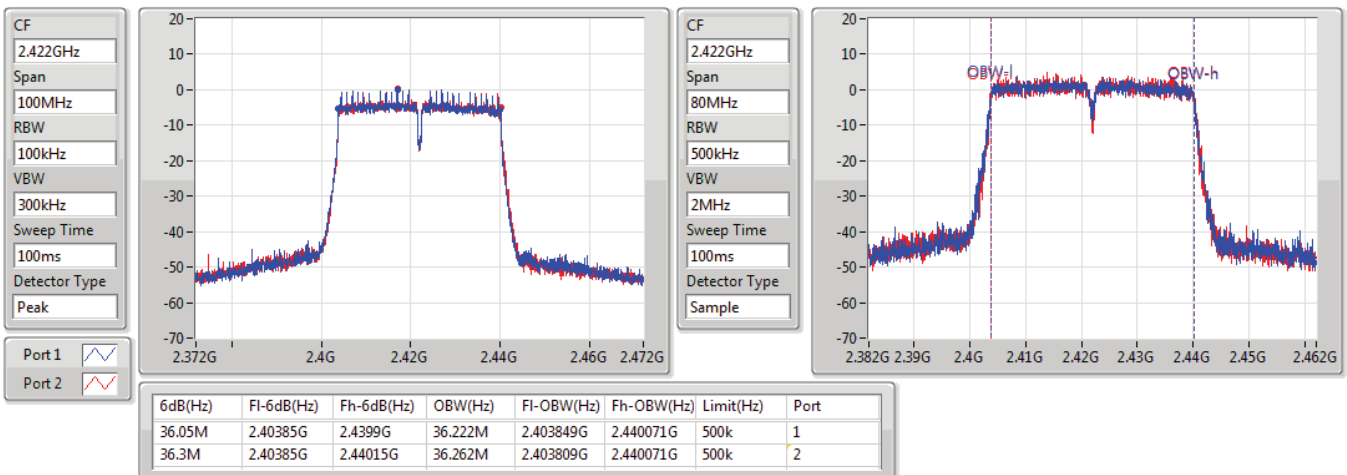


VHT20_Nss1,(MCS0)_2TX
EBW
2462MHz

13/08/2020

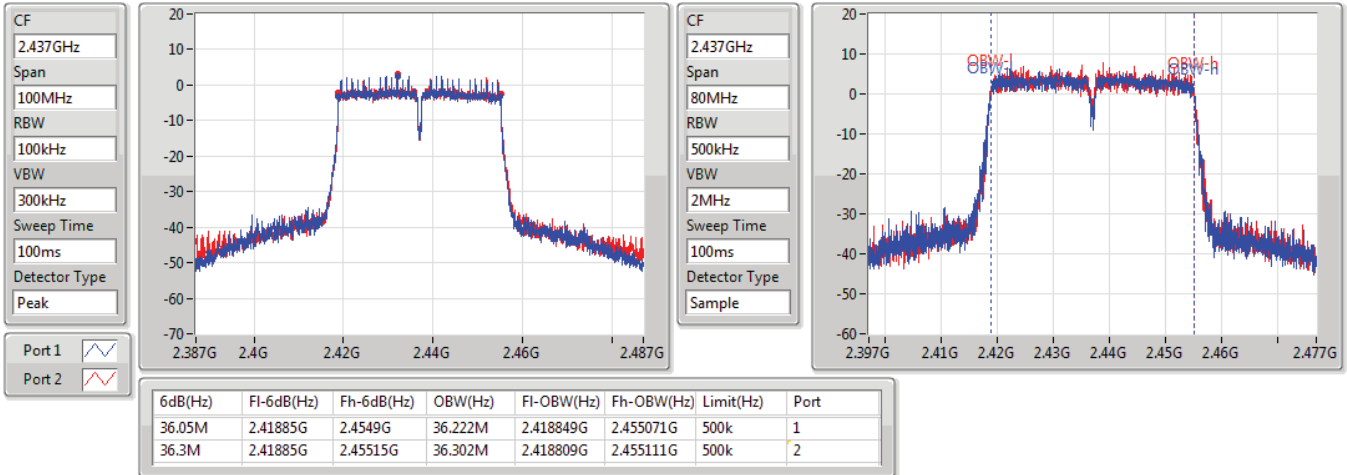

VHT40_Nss1,(MCS0)_2TX
EBW
2422MHz

13/08/2020

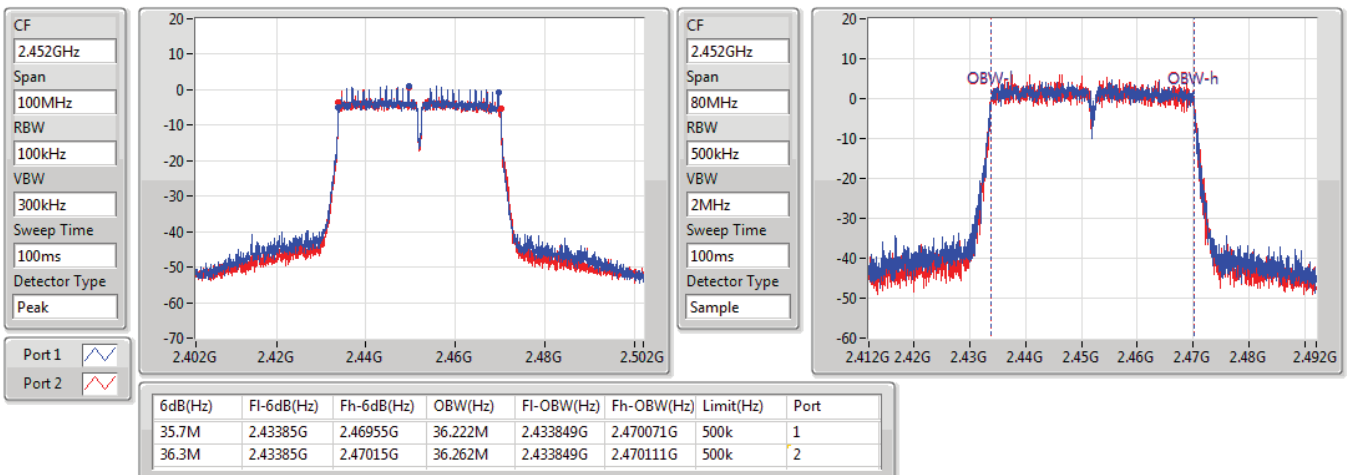


VHT40_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020

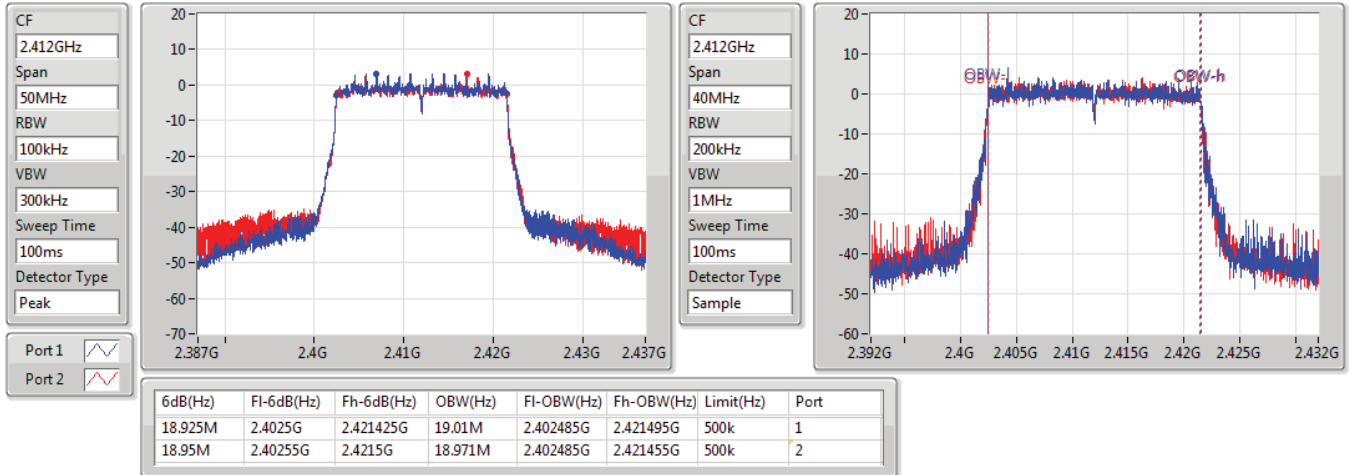

VHT40_Nss1,(MCS0)_2TX
EBW
2452MHz

13/08/2020

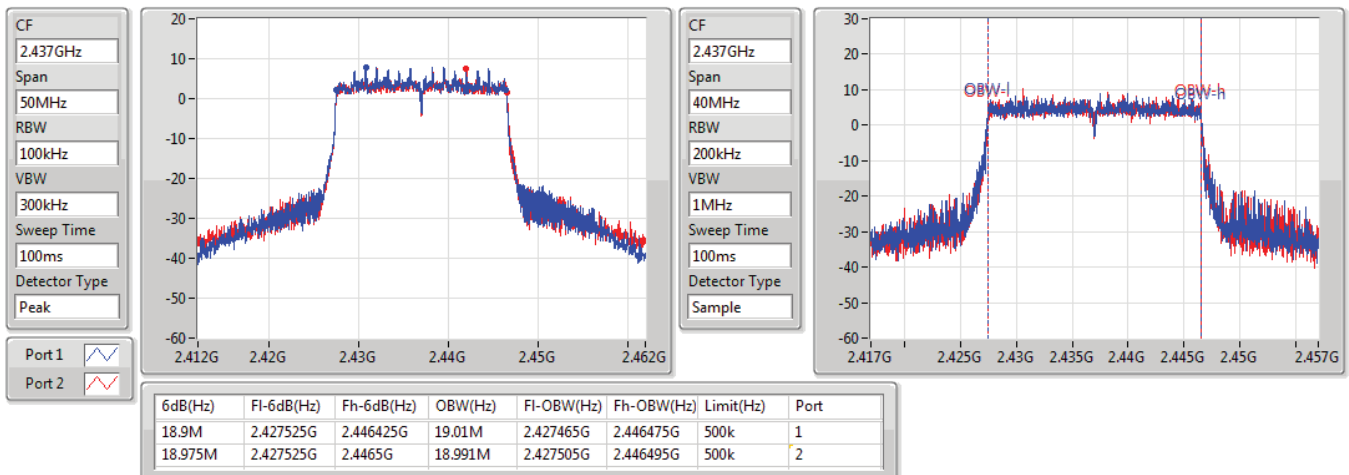


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2412MHz

13/08/2020

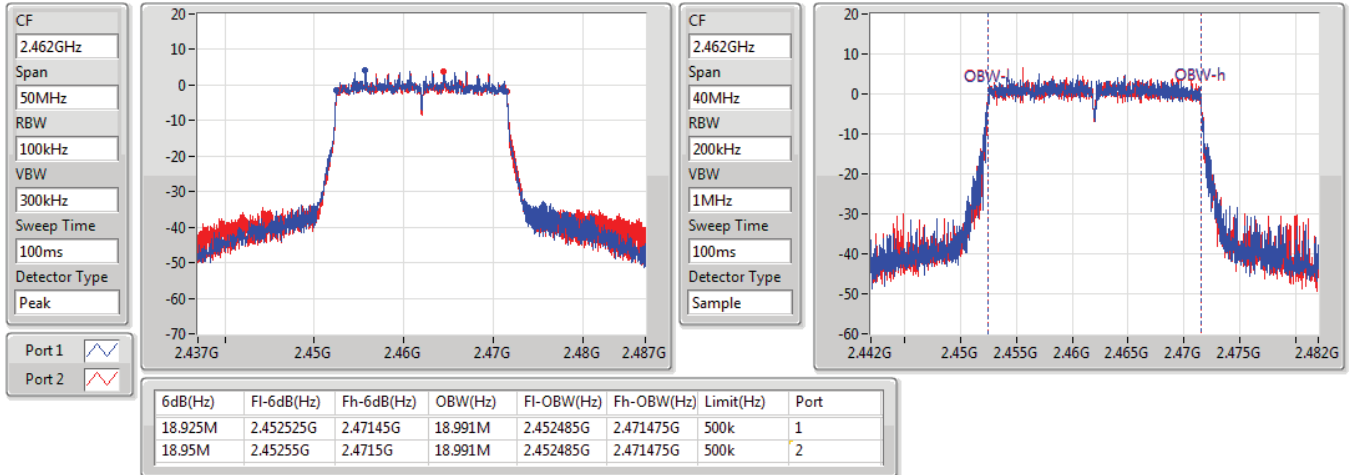

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020

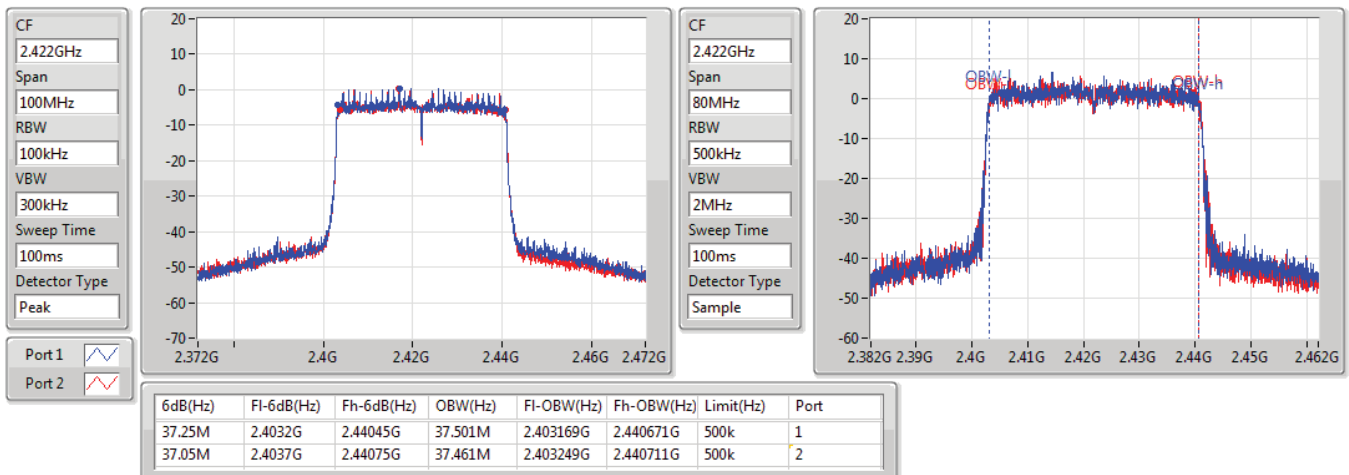


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

13/08/2020

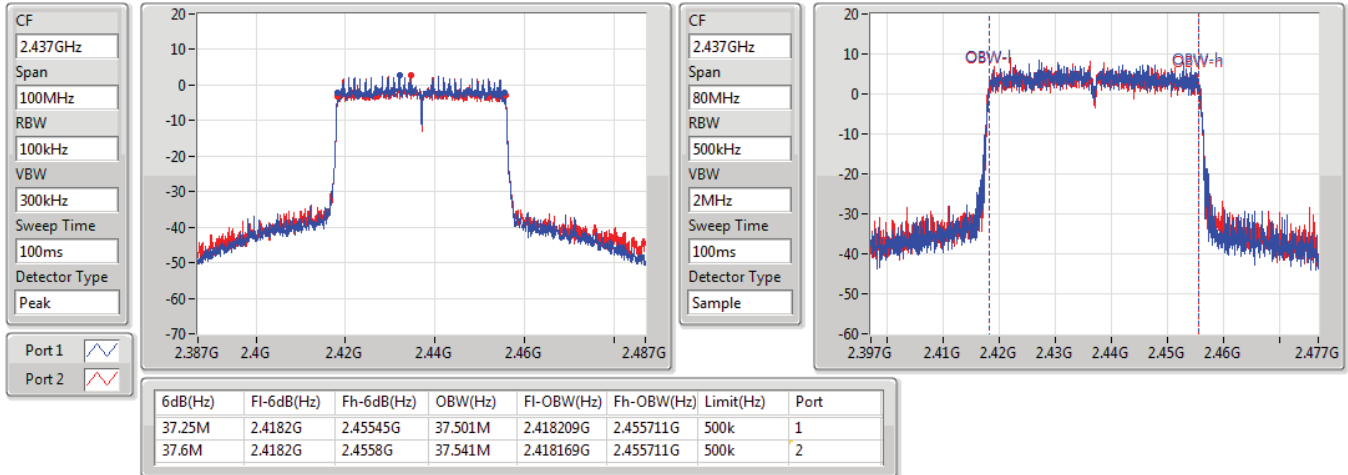

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

13/08/2020

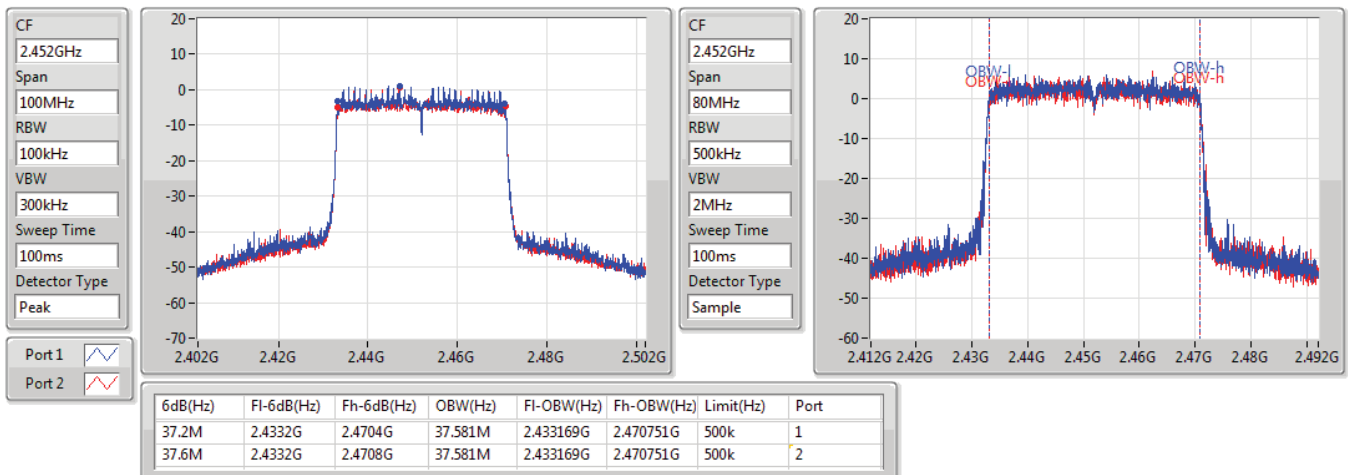


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2452MHz

13/08/2020



**Summary**

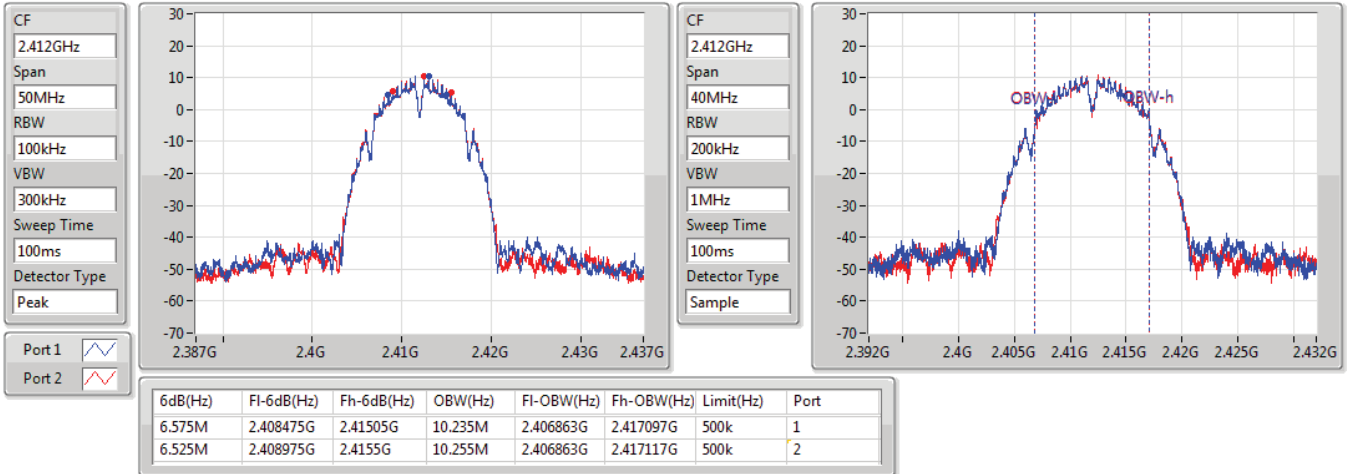
Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.05M	10.255M	10M3G1D	6.525M	10.175M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.632M	16M6D1D	16.325M	16.592M
VHT20_Nss1,(MCS0)_2TX	17.6M	17.791M	17M8D1D	17.55M	17.771M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.342M	36M3D1D	35.65M	36.262M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.95M	19.01M	19M0D1D	18.65M	18.971M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.3M	37.621M	37M6D1D	36.6M	37.541M

Result

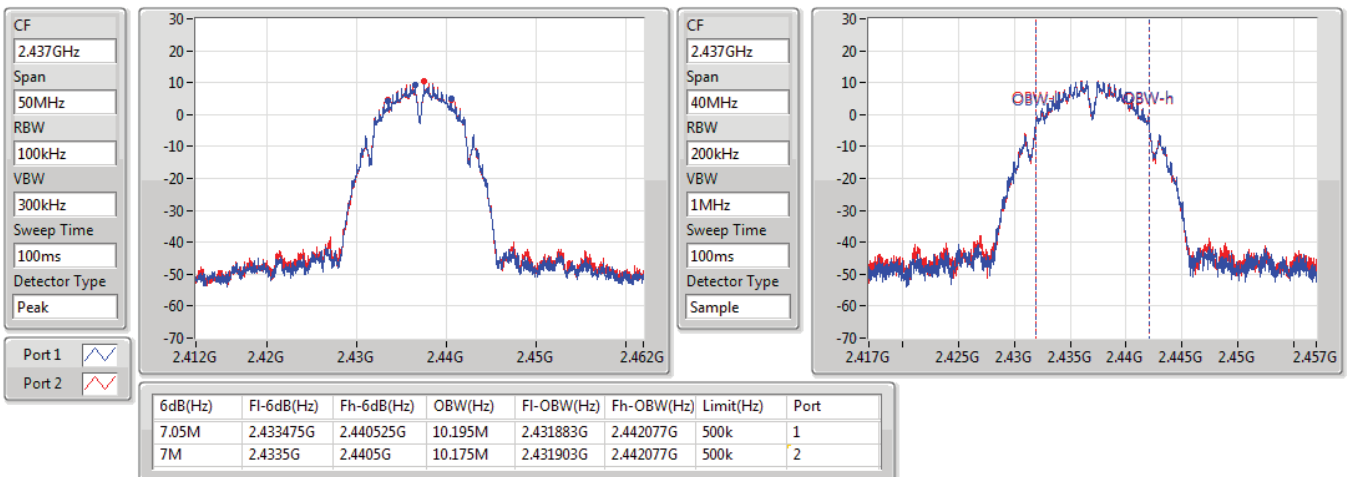
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.575M	10.235M	6.525M	10.255M
2437MHz	Pass	500k	7.05M	10.195M	7M	10.175M
2462MHz	Pass	500k	6.975M	10.175M	6.55M	10.215M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.632M	16.325M	16.612M
2437MHz	Pass	500k	16.35M	16.632M	16.325M	16.592M
2462MHz	Pass	500k	16.35M	16.632M	16.325M	16.612M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.771M	17.6M	17.791M
2437MHz	Pass	500k	17.55M	17.791M	17.6M	17.791M
2462MHz	Pass	500k	17.575M	17.771M	17.55M	17.771M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.65M	36.262M	36.3M	36.262M
2437MHz	Pass	500k	36.05M	36.302M	36.3M	36.302M
2452MHz	Pass	500k	36.25M	36.262M	36.25M	36.342M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.65M	18.991M	18.925M	18.991M
2437MHz	Pass	500k	18.925M	18.991M	18.925M	18.971M
2462MHz	Pass	500k	18.875M	19.01M	18.95M	19.01M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.25M	37.581M	37.1M	37.541M
2437MHz	Pass	500k	37.25M	37.541M	37.25M	37.581M
2452MHz	Pass	500k	36.6M	37.581M	37.3M	37.621M

802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

14/09/2020

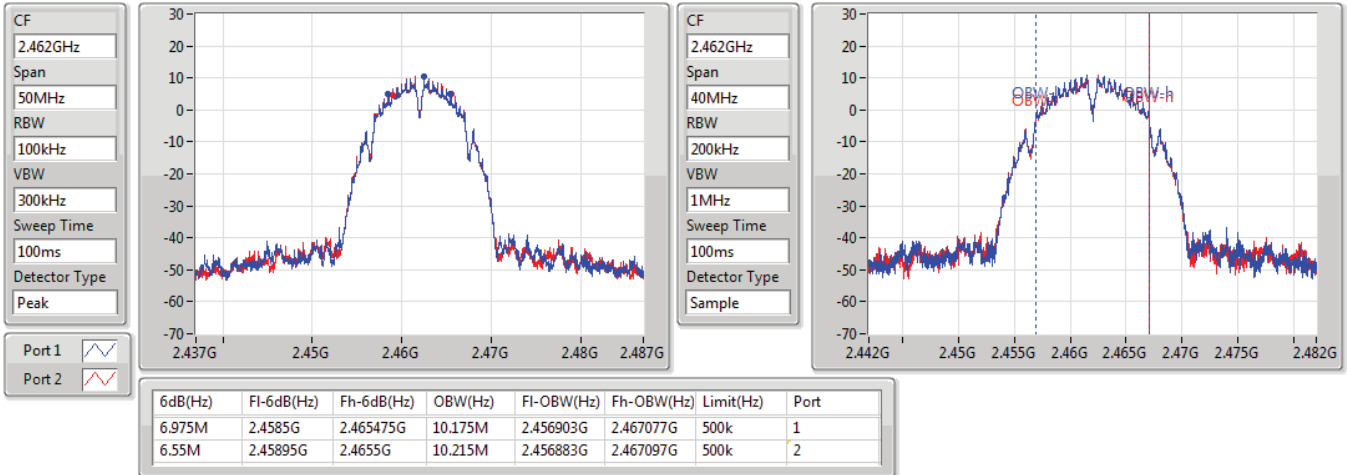

802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

14/09/2020

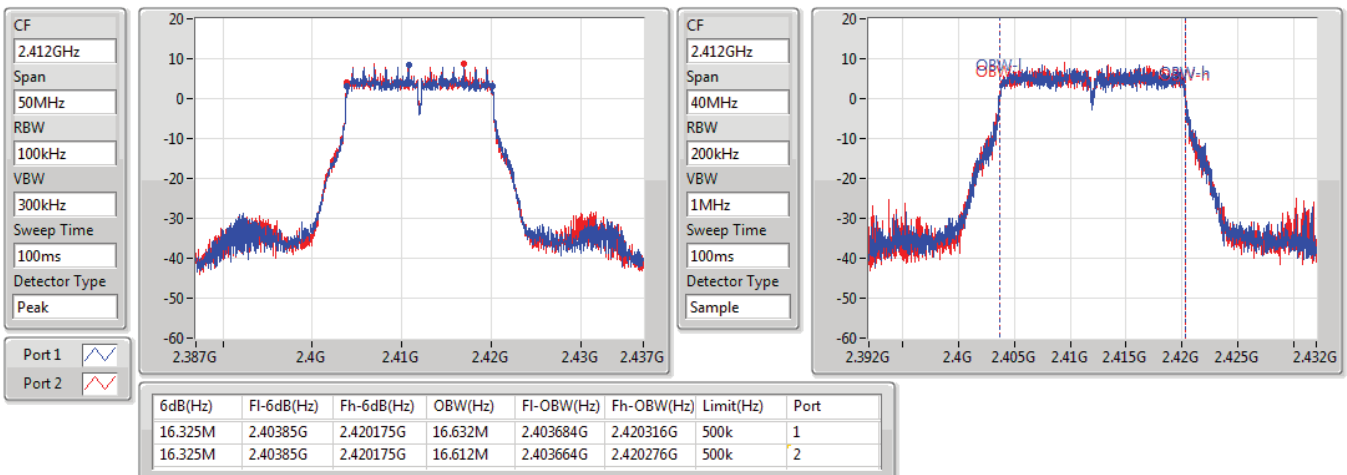


802.11b_Nss1,(1Mbps)_2TX
EBW
2462MHz

14/09/2020

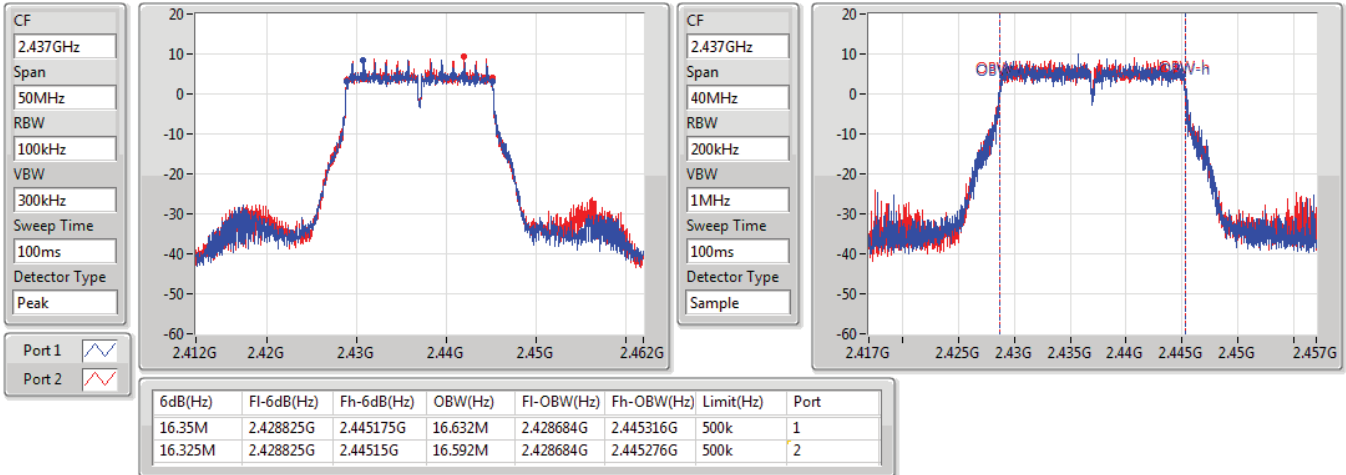

802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

13/08/2020

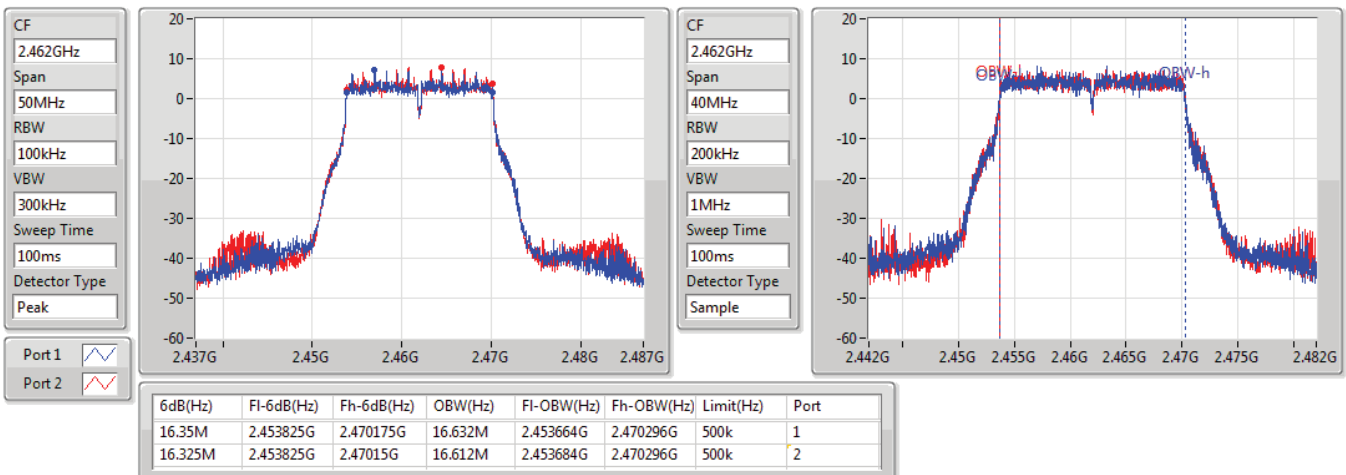


802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

06/08/2020

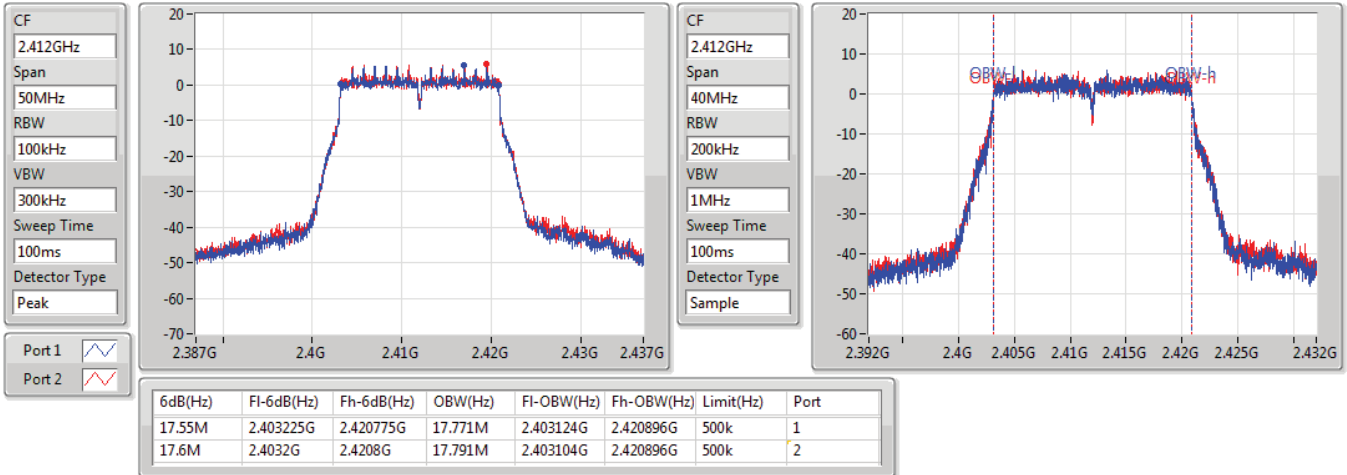

802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

13/08/2020

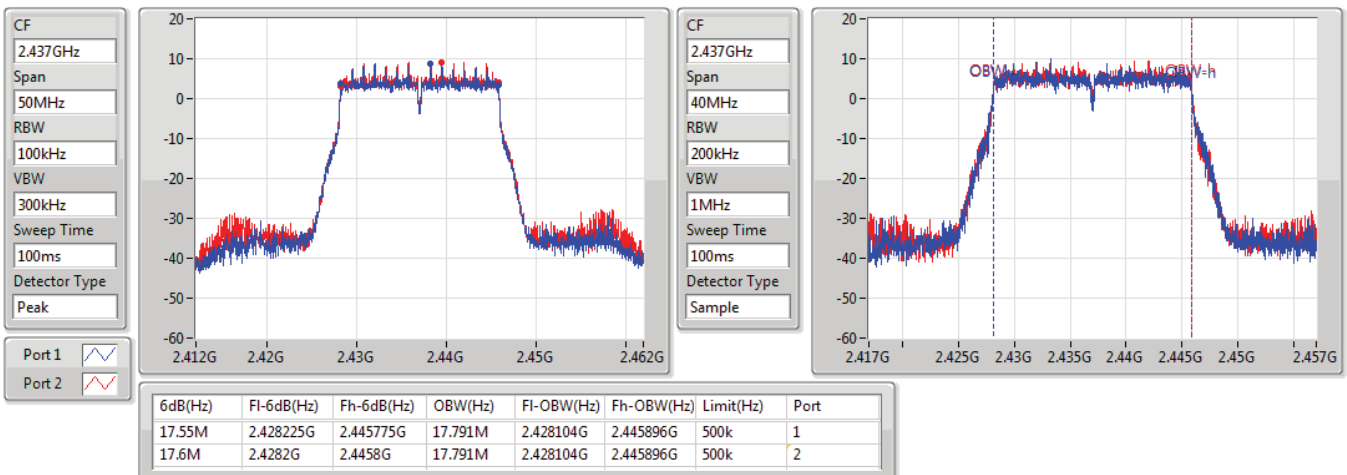


VHT20_Nss1,(MCS0)_2TX
EBW
2412MHz

13/08/2020

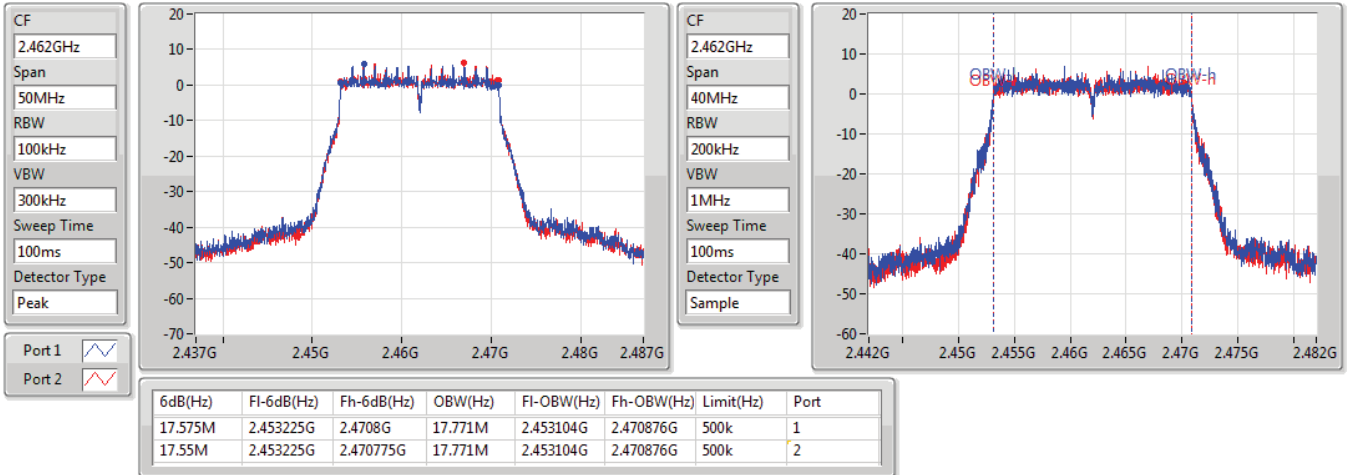

VHT20_Nss1,(MCS0)_2TX
EBW
2437MHz

06/08/2020

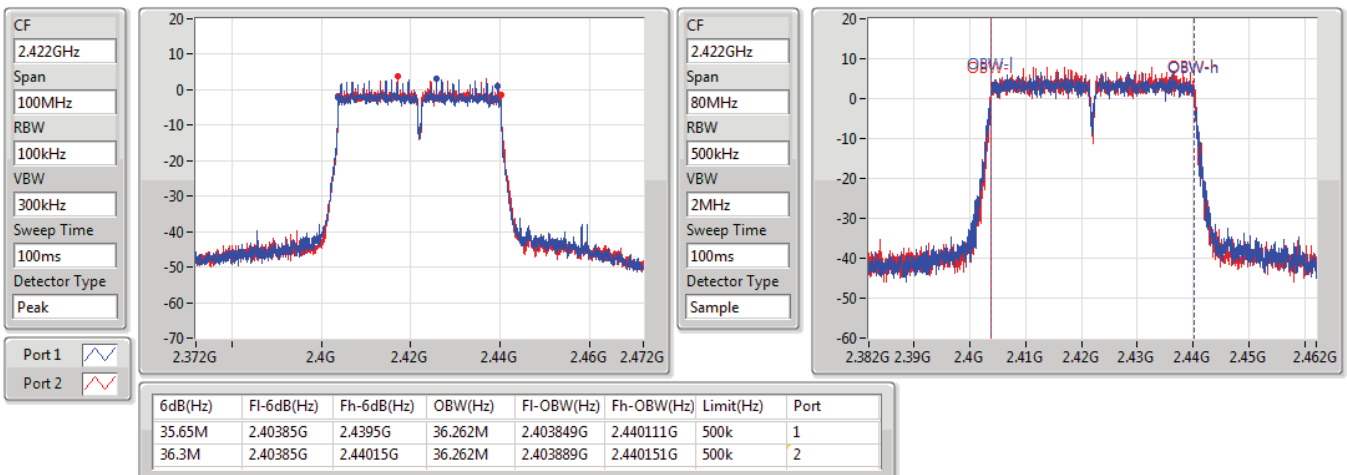


VHT20_Nss1,(MCS0)_2TX
EBW
2462MHz

13/08/2020

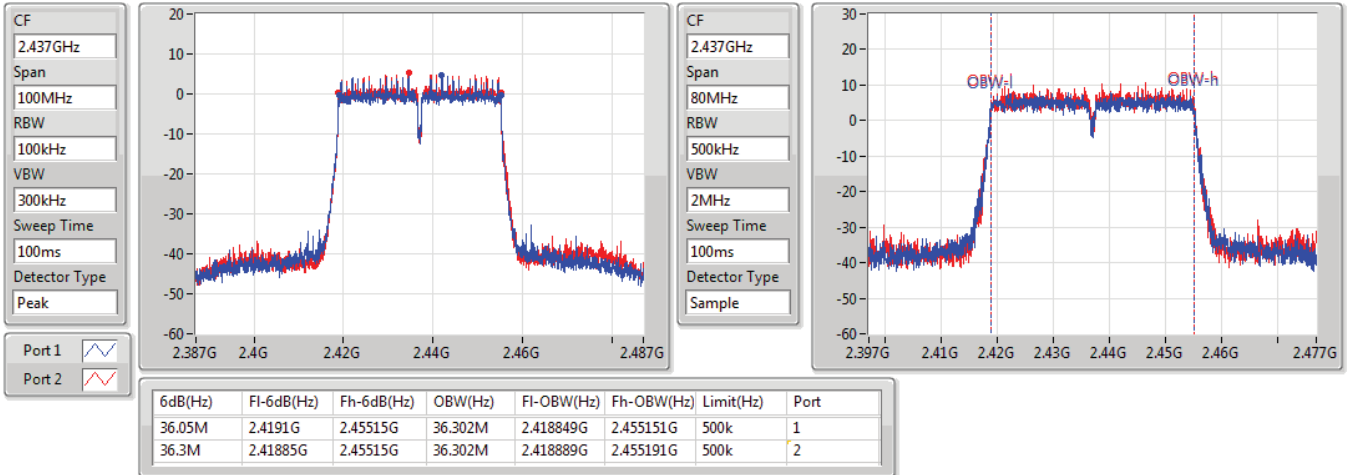

VHT40_Nss1,(MCS0)_2TX
EBW
2422MHz

13/08/2020

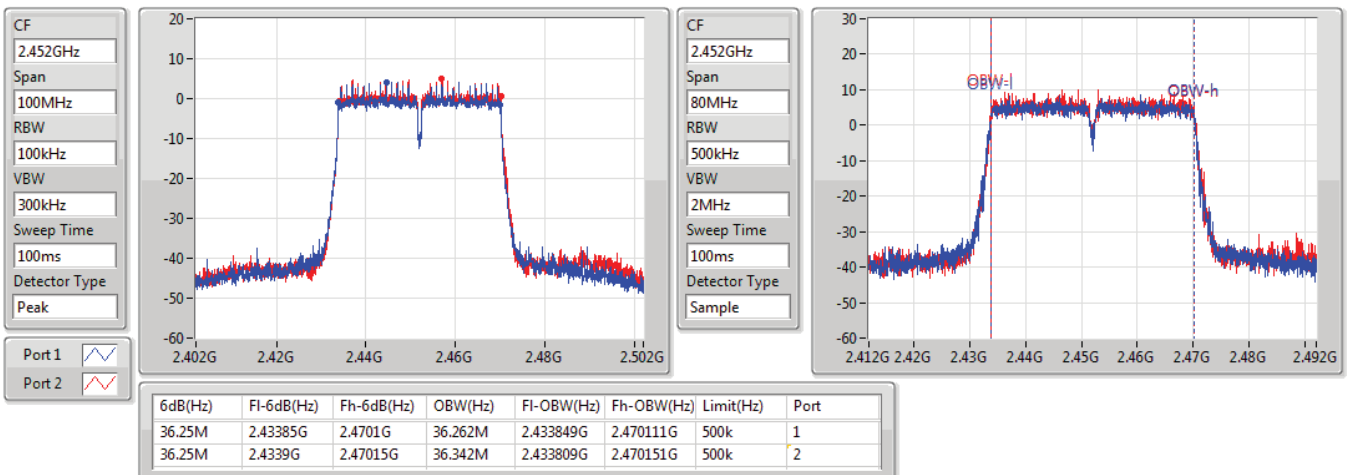


VHT40_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020

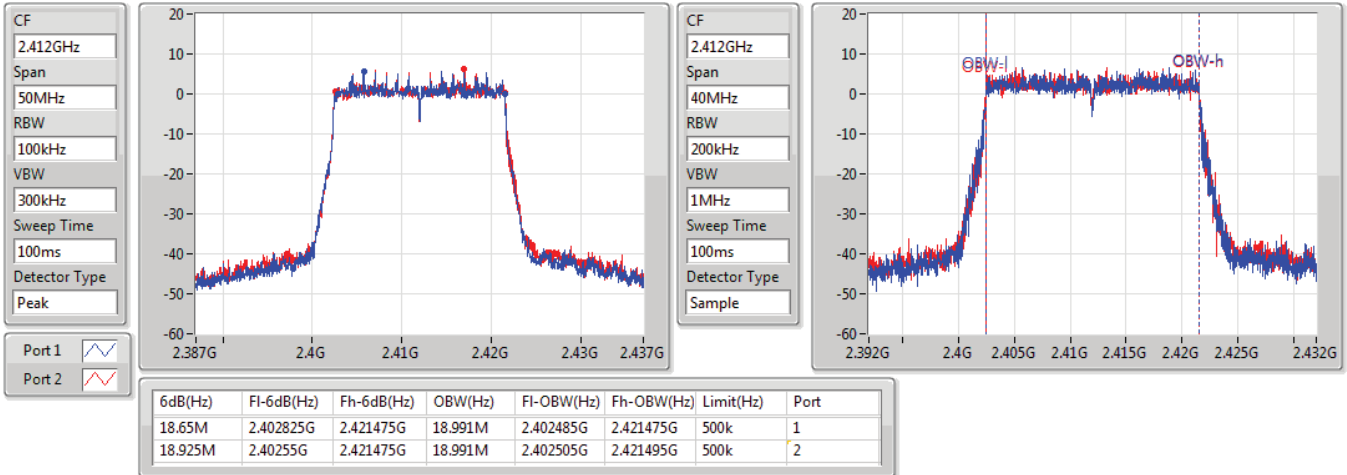

VHT40_Nss1,(MCS0)_2TX
EBW
2452MHz

13/08/2020

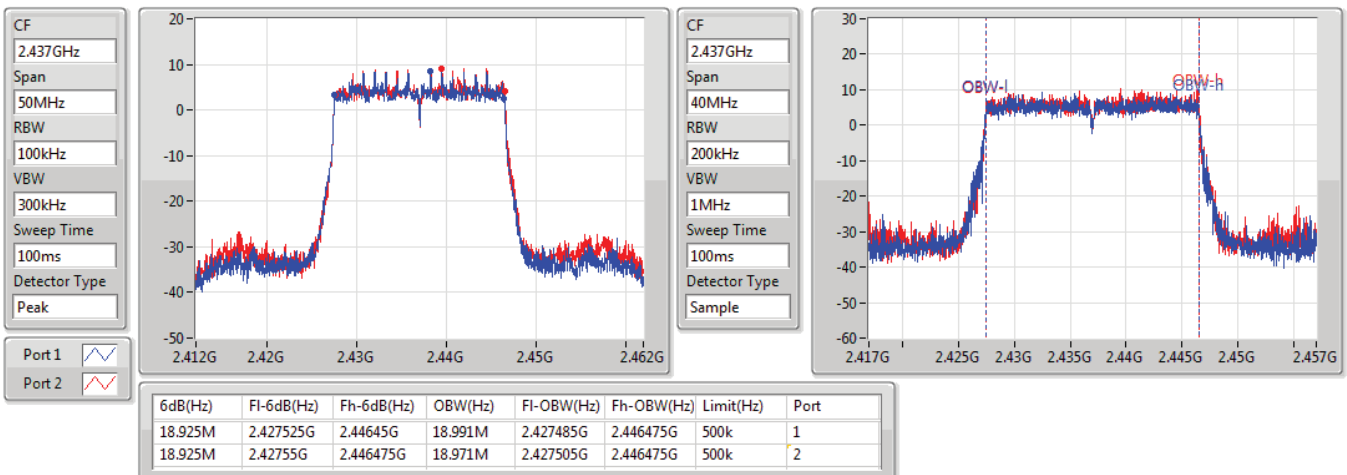


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2412MHz

13/08/2020

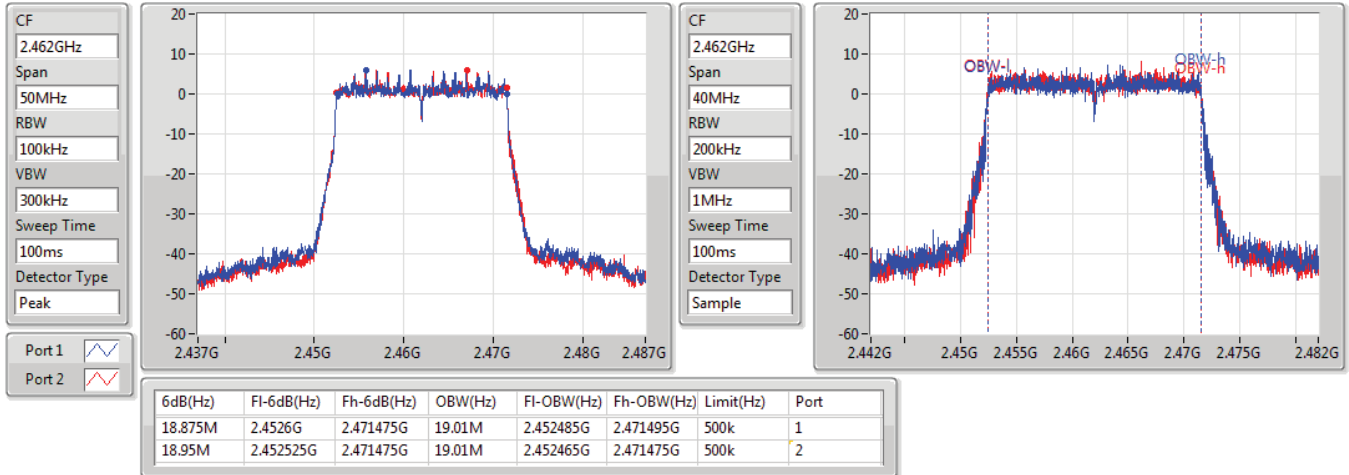

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2437MHz

06/08/2020

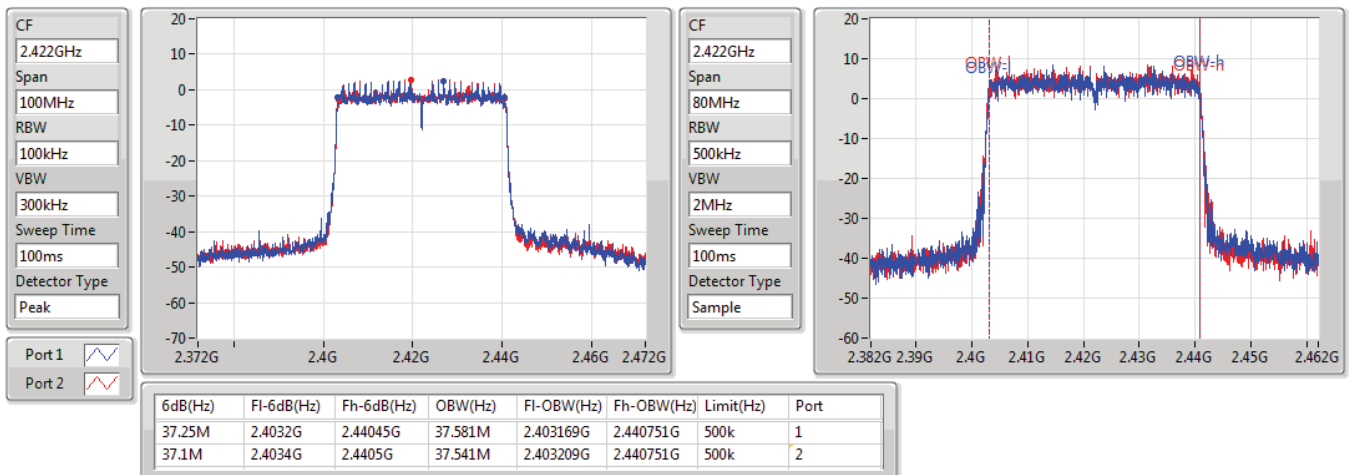


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
2462MHz

13/08/2020

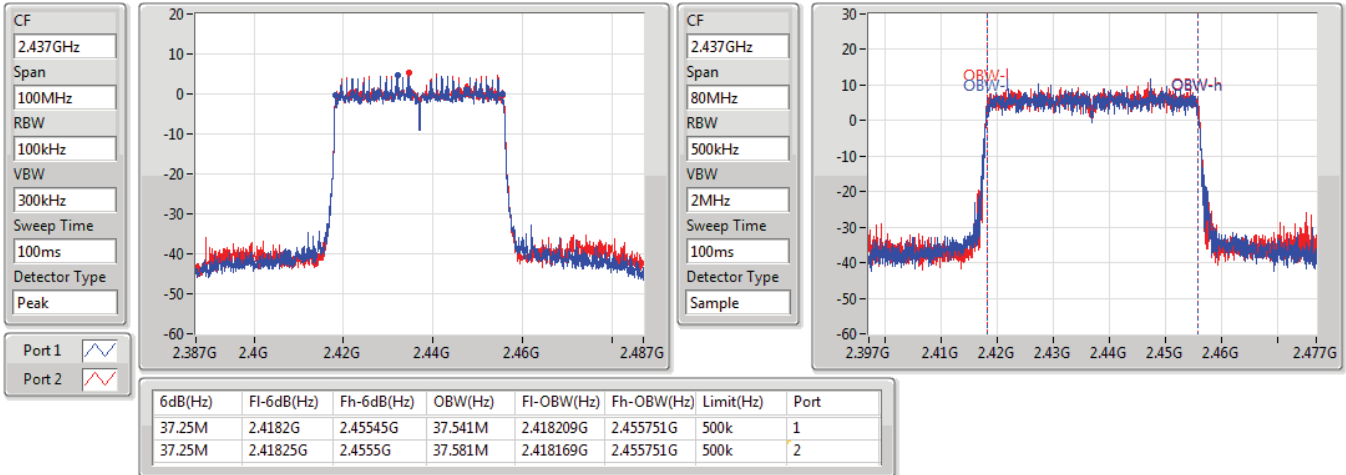

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2422MHz

13/08/2020

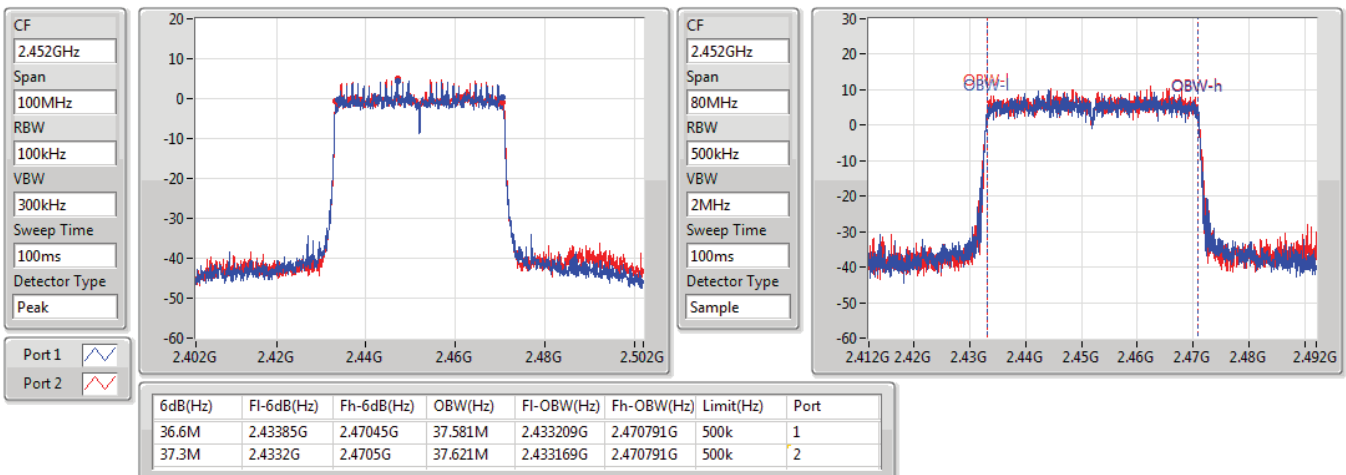


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2437MHz

13/08/2020


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2452MHz

13/08/2020





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.37	0.43351
802.11g_Nss1,(6Mbps)_2TX	22.93	0.19634
VHT20_Nss1,(MCS0)_2TX	23.00	0.19953
VHT40_Nss1,(MCS0)_2TX	19.41	0.08730
802.11ax HEW20_Nss1,(MCS0)_2TX	23.14	0.20606
802.11ax HEW40_Nss1,(MCS0)_2TX	19.59	0.09099



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	23.21	23.51	26.37	30.00
2437MHz	Pass	3.89	20.41	20.21	23.32	30.00
2462MHz	Pass	3.89	21.27	21.31	24.30	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	17.11	16.75	19.94	30.00
2417MHz	Pass	3.89	17.40	17.29	20.36	30.00
2437MHz	Pass	3.89	19.93	19.91	22.93	30.00
2457MHz	Pass	3.89	18.11	17.93	21.03	30.00
2462MHz	Pass	3.89	17.53	17.17	20.36	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	14.60	14.39	17.51	30.00
2417MHz	Pass	3.89	17.35	17.42	20.40	30.00
2437MHz	Pass	3.89	20.07	19.91	23.00	30.00
2457MHz	Pass	3.89	18.22	18.06	21.15	30.00
2462MHz	Pass	3.89	15.20	15.06	18.14	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.89	14.06	13.90	16.99	30.00
2427MHz	Pass	3.89	14.58	14.38	17.49	30.00
2437MHz	Pass	3.89	16.52	16.27	19.41	30.00
2447MHz	Pass	3.89	14.82	14.46	17.65	30.00
2452MHz	Pass	3.89	14.83	14.47	17.66	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.89	14.89	14.74	17.83	30.00
2417MHz	Pass	3.89	17.91	17.88	20.91	30.00
2437MHz	Pass	3.89	20.25	20.01	23.14	30.00
2457MHz	Pass	3.89	18.51	18.24	21.39	30.00
2462MHz	Pass	3.89	15.53	15.29	18.42	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.89	14.23	14.09	17.17	30.00
2427MHz	Pass	3.89	14.89	14.56	17.74	30.00
2437MHz	Pass	3.89	16.65	16.51	19.59	30.00
2447MHz	Pass	3.89	15.00	14.69	17.86	30.00
2452MHz	Pass	3.89	15.04	14.72	17.89	30.00



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_2TX	19.99	0.09977
VHT40-BF_Nss1,(MCS0)_2TX	16.40	0.04365
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.13	0.10304
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.58	0.04550

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.90	11.59	11.38	14.50	29.10
2417MHz	Pass	6.90	14.34	14.41	17.39	29.10
2437MHz	Pass	6.90	17.06	16.90	19.99	29.10
2457MHz	Pass	6.90	15.21	15.05	18.14	29.10
2462MHz	Pass	6.90	12.19	12.05	15.13	29.10
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.90	11.05	10.89	13.98	29.10
2427MHz	Pass	6.90	11.57	11.37	14.48	29.10
2437MHz	Pass	6.90	13.51	13.26	16.40	29.10
2447MHz	Pass	6.90	11.81	11.45	14.64	29.10
2452MHz	Pass	6.90	11.82	11.46	14.65	29.10
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.90	11.88	11.73	14.82	29.10
2417MHz	Pass	6.90	14.90	14.87	17.90	29.10
2437MHz	Pass	6.90	17.24	17.00	20.13	29.10
2457MHz	Pass	6.90	15.50	15.23	18.38	29.10
2462MHz	Pass	6.90	12.52	12.28	15.41	29.10
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.90	11.22	11.08	14.16	29.10
2427MHz	Pass	6.90	11.88	11.55	14.73	29.10
2437MHz	Pass	6.90	13.64	13.50	16.58	29.10
2447MHz	Pass	6.90	11.99	11.68	14.85	29.10
2452MHz	Pass	6.90	12.03	11.71	14.88	29.10

**Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.39	0.21827
802.11g_Nss1,(6Mbps)_2TX	23.07	0.20277
VHT20_Nss1,(MCS0)_2TX	22.95	0.19724
VHT40_Nss1,(MCS0)_2TX	21.56	0.14322
802.11ax HEW20_Nss1,(MCS0)_2TX	23.12	0.20512
802.11ax HEW40_Nss1,(MCS0)_2TX	21.77	0.15031



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.97	18.32	18.17	21.26	30.00
2437MHz	Pass	3.97	18.03	18.07	21.06	30.00
2457MHz	Pass	3.97	20.55	20.20	23.39	30.00
2462MHz	Pass	3.97	17.99	18.31	21.16	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.97	19.50	19.86	22.69	30.00
2417MHz	Pass	3.97	19.73	20.18	22.97	30.00
2437MHz	Pass	3.97	19.68	20.17	22.94	30.00
2457MHz	Pass	3.97	19.83	20.27	23.07	30.00
2462MHz	Pass	3.97	18.41	18.91	21.68	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.97	16.88	16.87	19.89	30.00
2417MHz	Pass	3.97	18.31	18.72	21.53	30.00
2437MHz	Pass	3.97	19.71	20.16	22.95	30.00
2457MHz	Pass	3.97	19.53	19.97	22.77	30.00
2462MHz	Pass	3.97	16.88	16.86	19.88	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.97	16.54	16.86	19.71	30.00
2427MHz	Pass	3.97	16.49	16.82	19.67	30.00
2437MHz	Pass	3.97	18.19	18.89	21.56	30.00
2447MHz	Pass	3.97	18.23	18.61	21.43	30.00
2452MHz	Pass	3.97	18.07	18.63	21.37	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.97	16.87	17.10	20.00	30.00
2417MHz	Pass	3.97	18.72	18.92	21.83	30.00
2437MHz	Pass	3.97	19.87	20.33	23.12	30.00
2457MHz	Pass	3.97	19.76	20.01	22.90	30.00
2462MHz	Pass	3.97	17.03	17.17	20.11	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.97	16.69	17.12	19.92	30.00
2427MHz	Pass	3.97	16.82	17.18	20.01	30.00
2437MHz	Pass	3.97	18.39	19.10	21.77	30.00
2447MHz	Pass	3.97	18.29	18.83	21.58	30.00
2452MHz	Pass	3.97	18.31	18.87	21.61	30.00



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_2TX	19.94	0.09863
VHT40-BF_Nss1,(MCS0)_2TX	18.55	0.07161
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.11	0.10257
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.76	0.07516



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.98	13.87	13.86	16.88	29.02
2417MHz	Pass	6.98	15.3	15.71	18.52	29.02
2437MHz	Pass	6.98	16.7	17.15	19.94	29.02
2457MHz	Pass	6.98	16.52	16.96	19.76	29.02
2462MHz	Pass	6.98	13.87	13.85	16.87	29.02
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.98	13.53	13.85	16.70	29.02
2427MHz	Pass	6.98	13.48	13.81	16.66	29.02
2437MHz	Pass	6.98	15.18	15.88	18.55	29.02
2447MHz	Pass	6.98	15.22	15.6	18.42	29.02
2452MHz	Pass	6.98	15.06	15.62	18.36	29.02
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.98	13.86	14.09	16.99	29.02
2417MHz	Pass	6.98	15.71	15.91	18.82	29.02
2437MHz	Pass	6.98	16.86	17.32	20.11	29.02
2457MHz	Pass	6.98	16.75	17	19.89	29.02
2462MHz	Pass	6.98	14.02	14.16	17.10	29.02
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.98	13.68	14.11	16.91	29.02
2427MHz	Pass	6.98	13.81	14.17	17.00	29.02
2437MHz	Pass	6.98	15.38	16.09	18.76	29.02
2447MHz	Pass	6.98	15.28	15.82	18.57	29.02
2452MHz	Pass	6.98	15.3	15.86	18.60	29.02

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	2.90
802.11g_Nss1,(6Mbps)_2TX	-3.04
VHT20_Nss1,(MCS0)_2TX	-2.30
VHT40_Nss1,(MCS0)_2TX	-9.39
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.71
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.36

**Result**

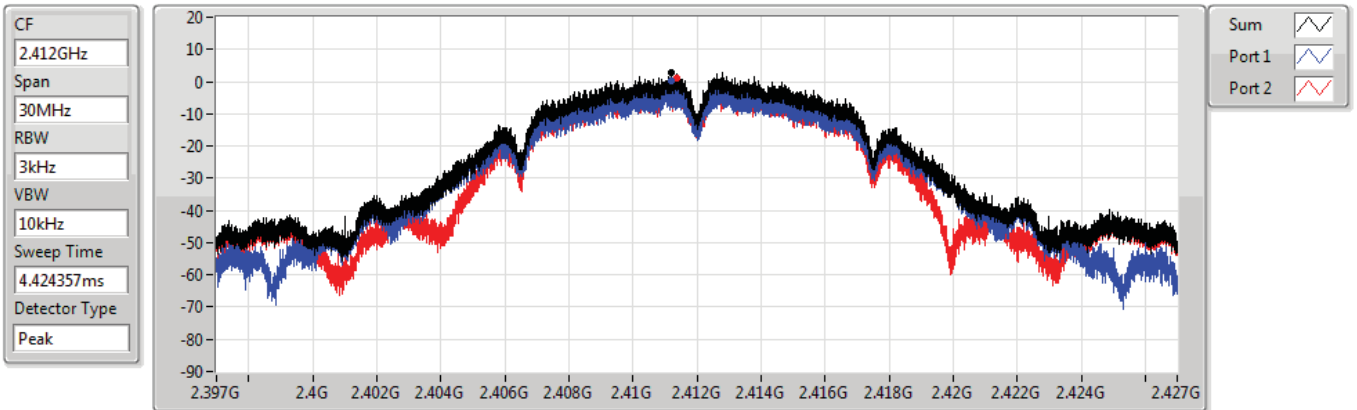
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	0.39	1.06	2.90	7.11
2437MHz	Pass	6.89	-1.60	-3.13	-0.81	7.11
2462MHz	Pass	6.89	-1.14	-1.42	0.32	7.11
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-8.94	-8.24	-5.94	7.11
2437MHz	Pass	6.89	-5.73	-5.99	-3.04	7.11
2462MHz	Pass	6.89	-8.63	-7.56	-5.36	7.11
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-11.31	-11.30	-8.75	7.11
2437MHz	Pass	6.89	-4.77	-4.34	-2.30	7.11
2462MHz	Pass	6.89	-11.12	-11.04	-8.24	7.11
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.89	-13.67	-13.34	-10.49	7.11
2437MHz	Pass	6.89	-11.81	-12.28	-9.39	7.11
2452MHz	Pass	6.89	-13.82	-13.36	-10.79	7.11
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-10.24	-9.48	-6.83	7.11
2437MHz	Pass	6.89	-4.88	-4.56	-1.71	7.11
2462MHz	Pass	6.89	-9.40	-9.17	-6.27	7.11
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.89	-14.58	-14.62	-11.59	7.11
2437MHz	Pass	6.89	-12.96	-11.86	-9.36	7.11
2452MHz	Pass	6.89	-14.01	-14.30	-11.14	7.11

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

08/09/2020

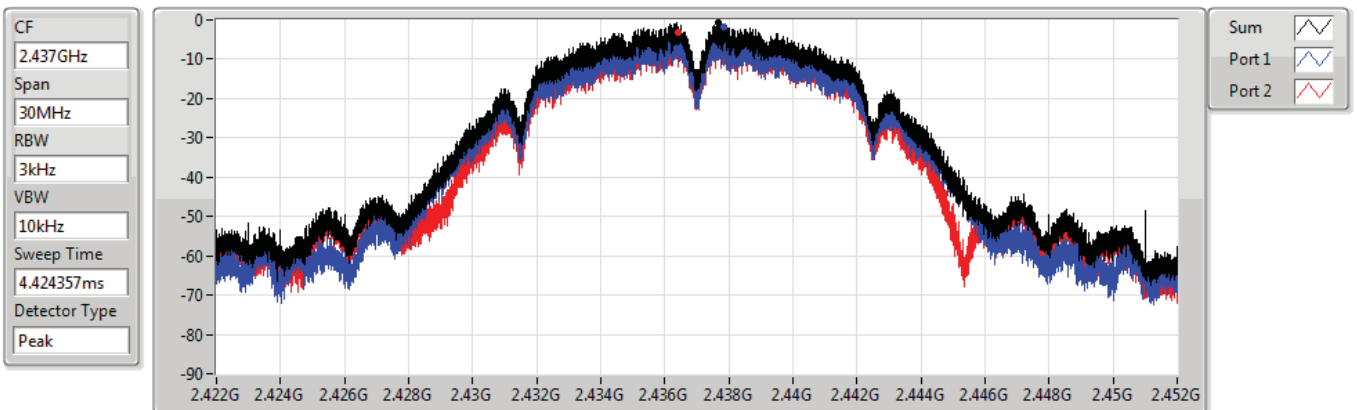


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

08/09/2020

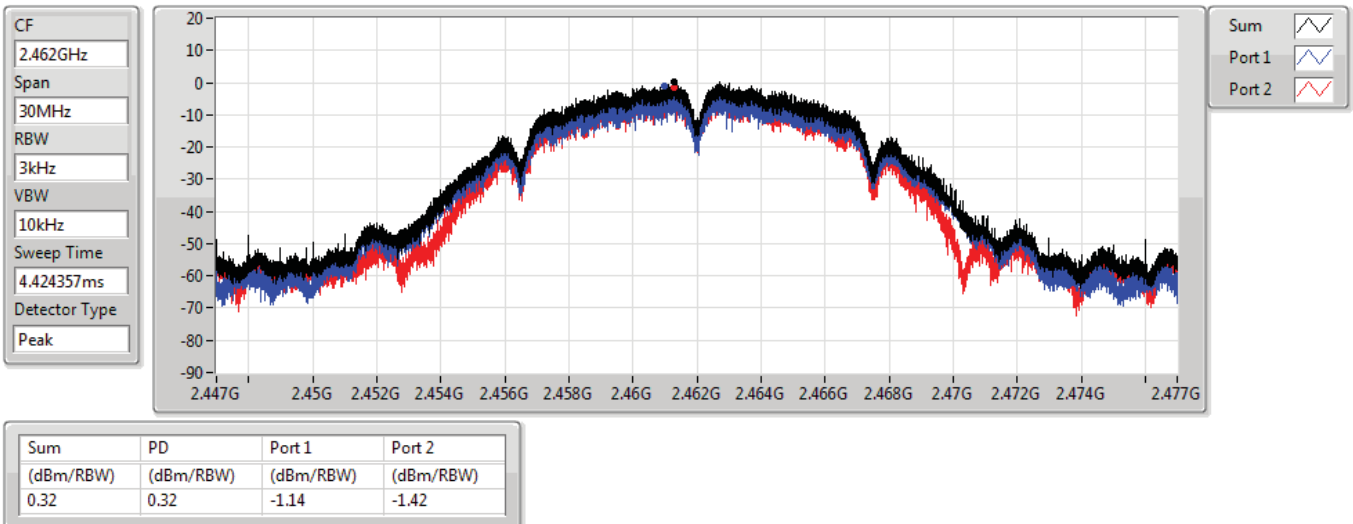


802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

08/09/2020

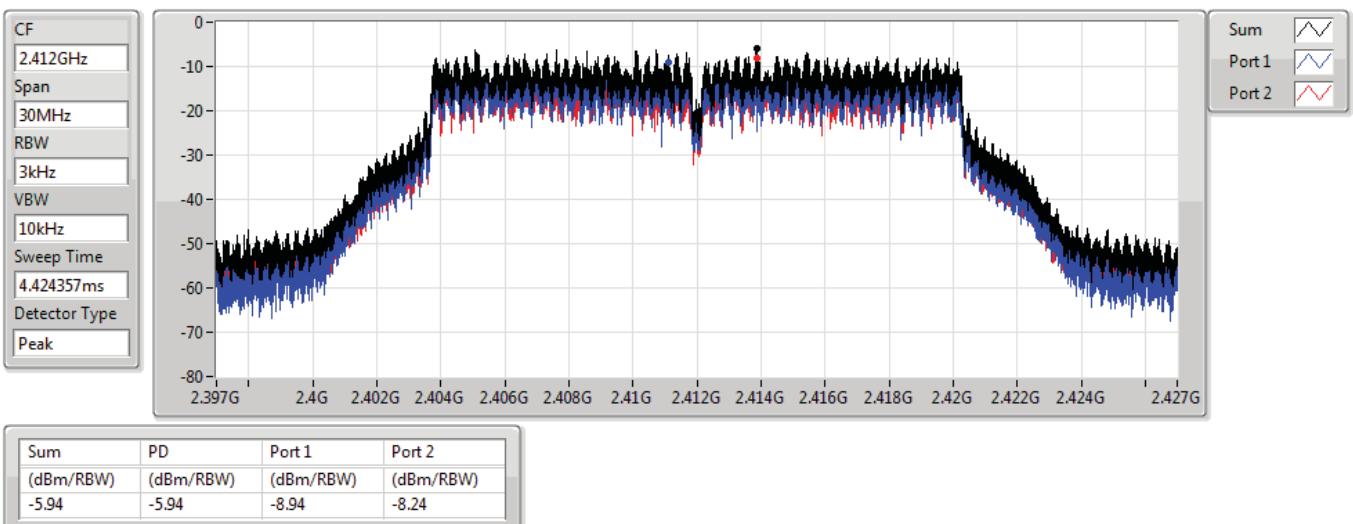


802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

13/08/2020

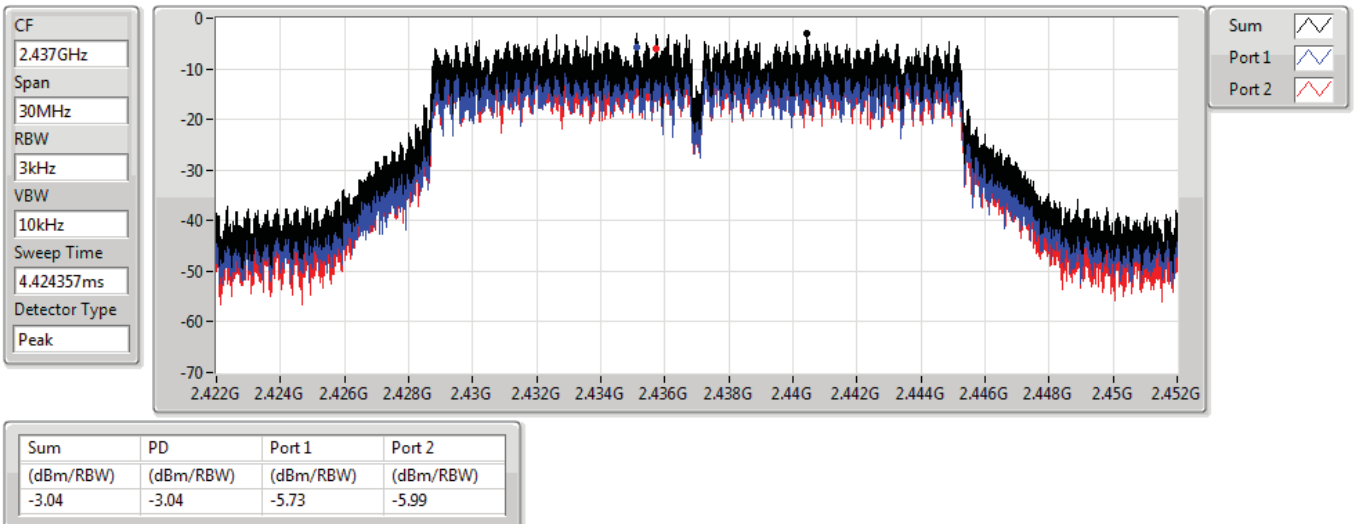


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

26/08/2020

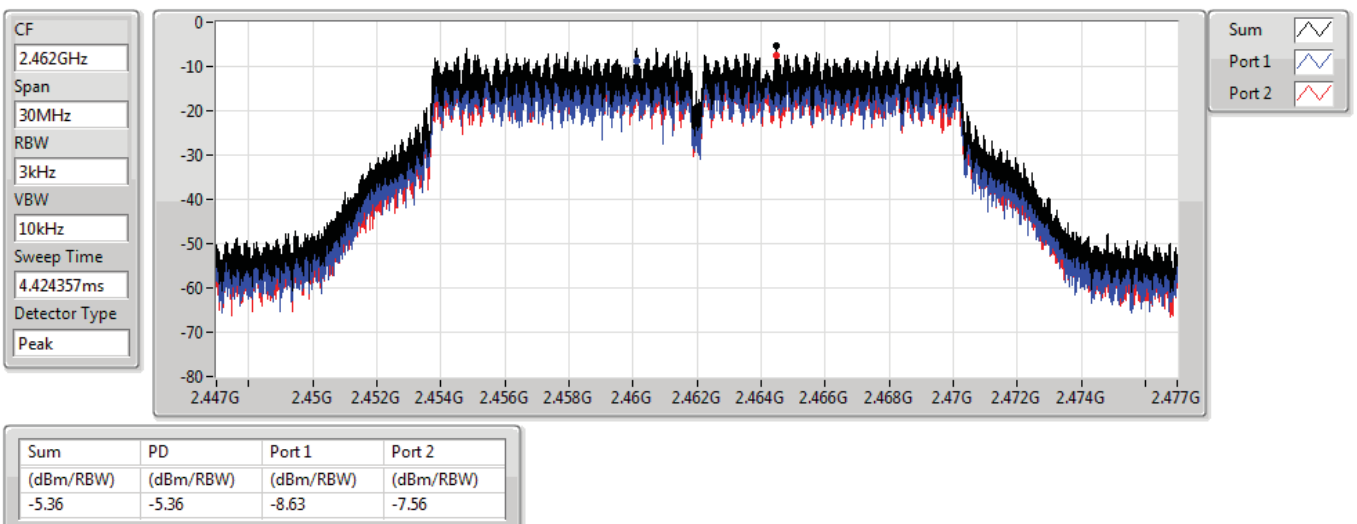


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

13/08/2020

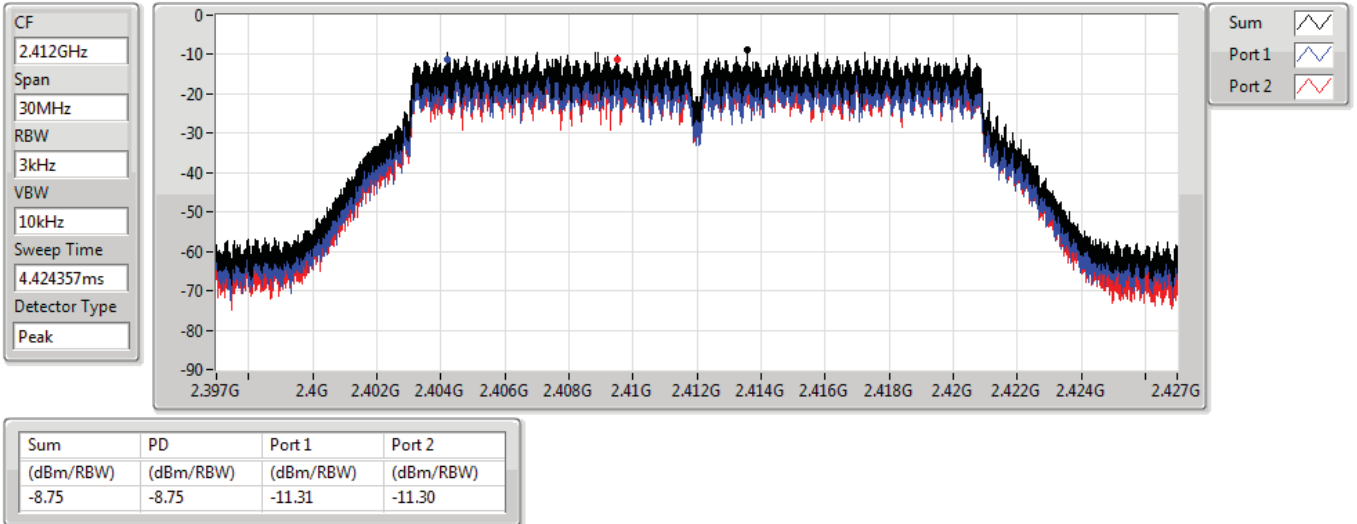


VHT20_Nss1,(MCS0)_2TX

2412MHz

PSD

13/08/2020

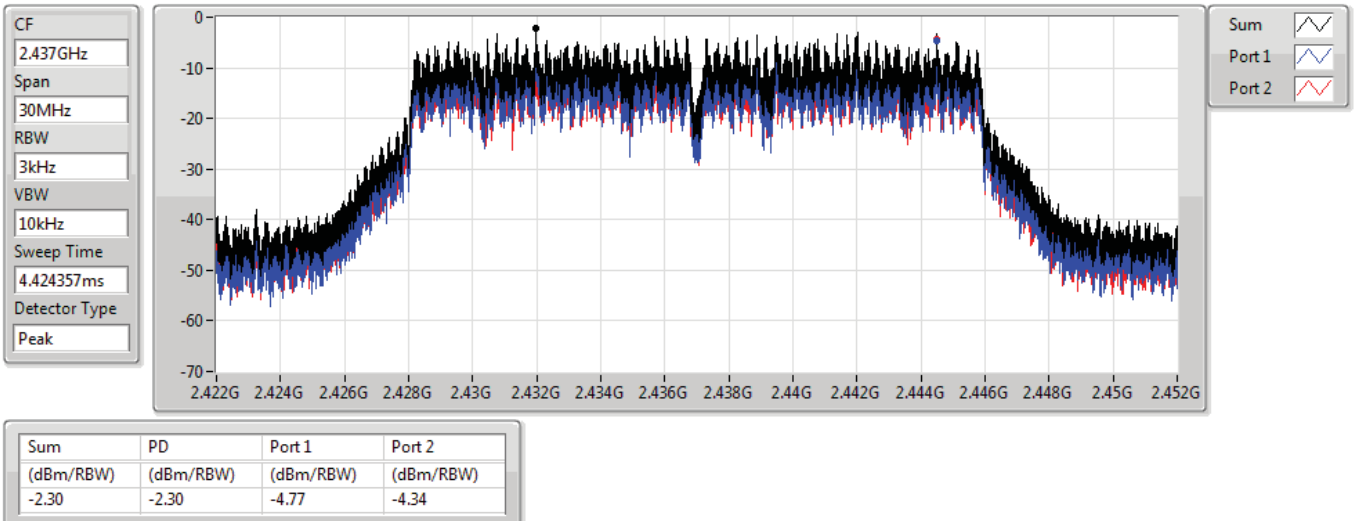


VHT20_Nss1,(MCS0)_2TX

2437MHz

PSD

14/09/2020

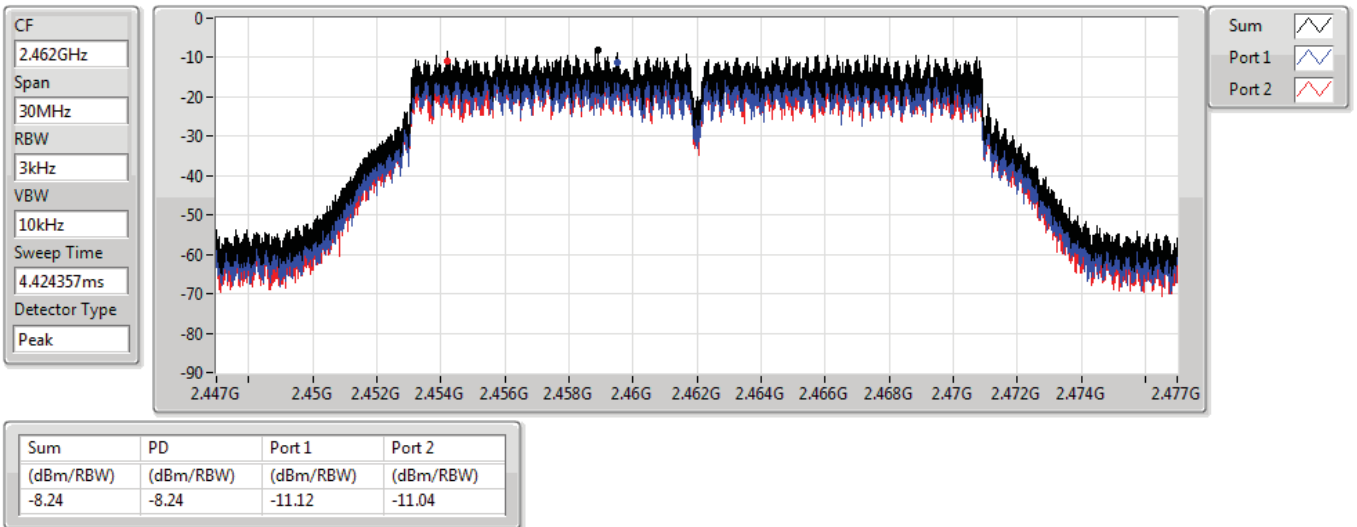


VHT20_Nss1,(MCS0)_2TX

2462MHz

PSD

13/08/2020

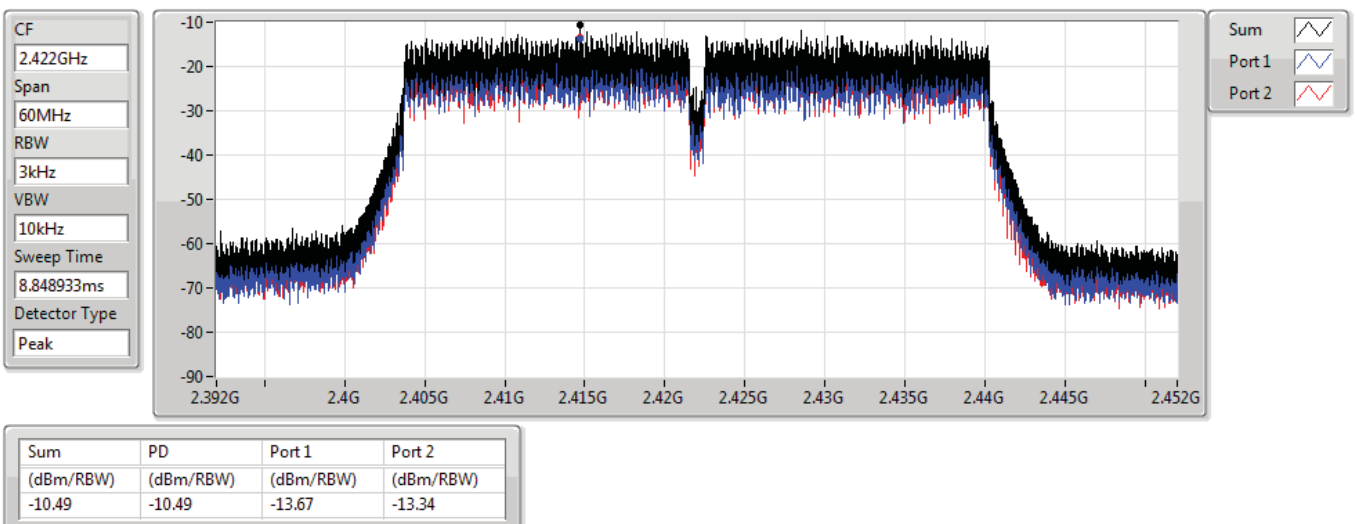


VHT40_Nss1,(MCS0)_2TX

2422MHz

PSD

13/08/2020

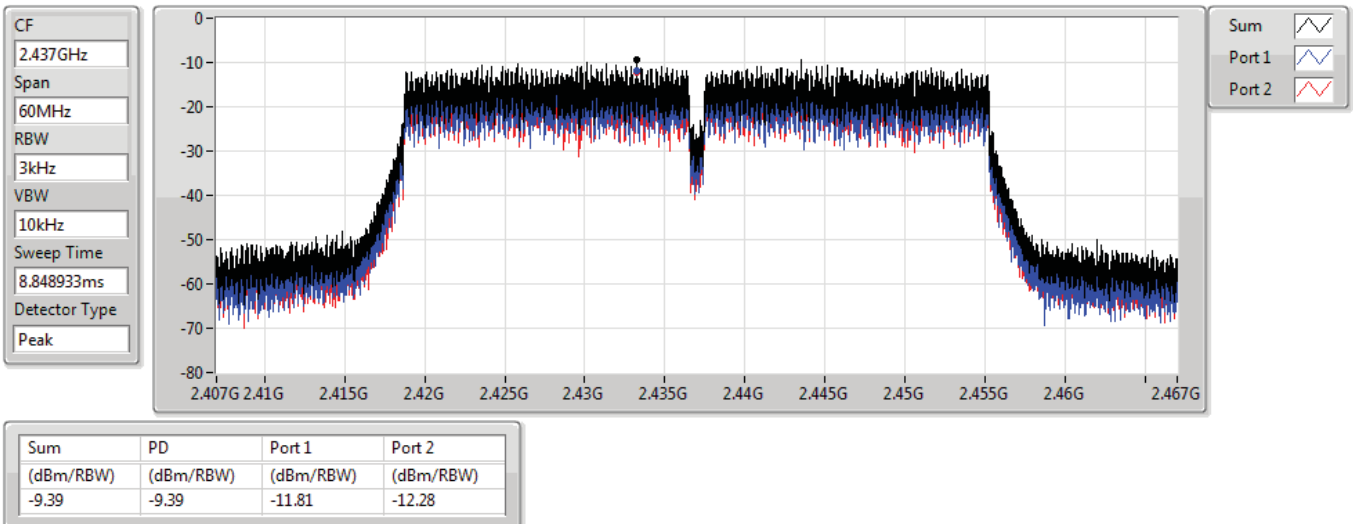


VHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

13/08/2020

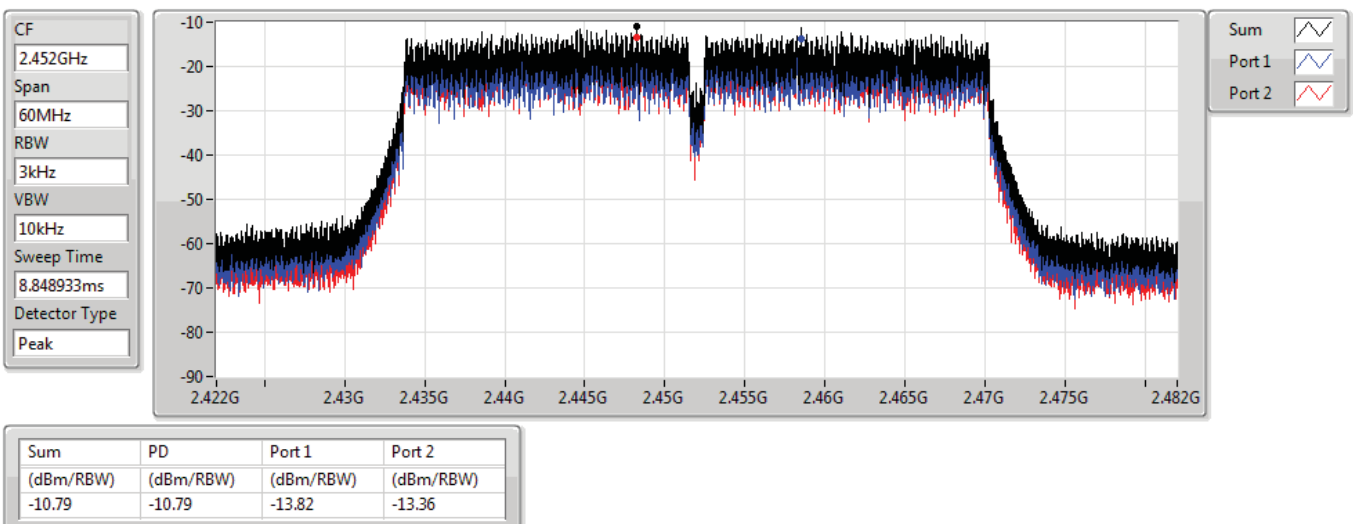


VHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

13/08/2020

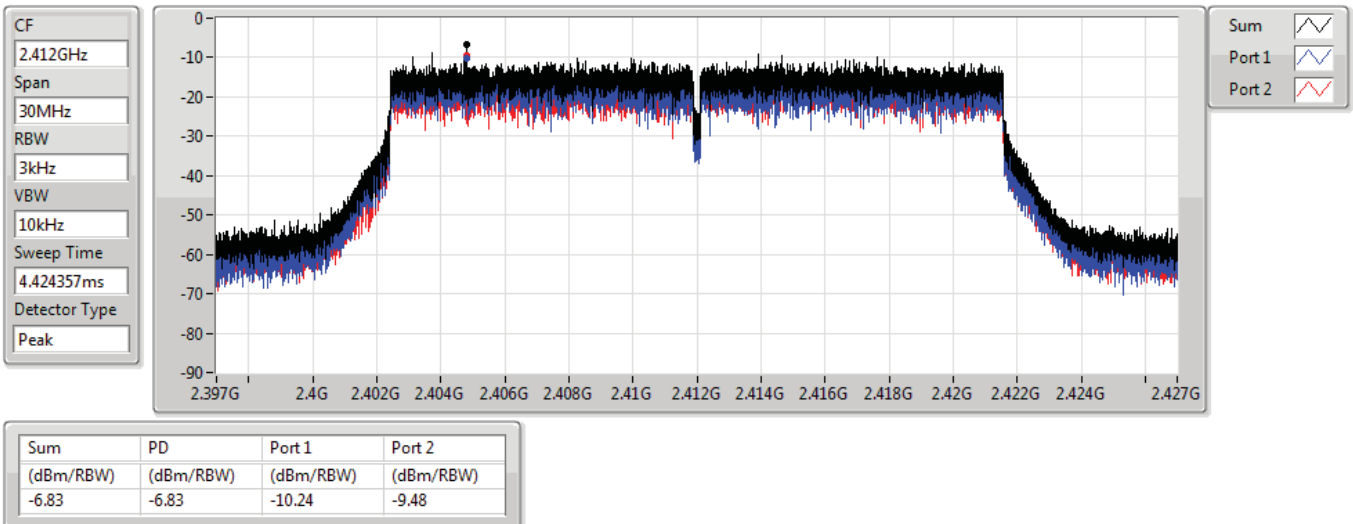


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

13/08/2020

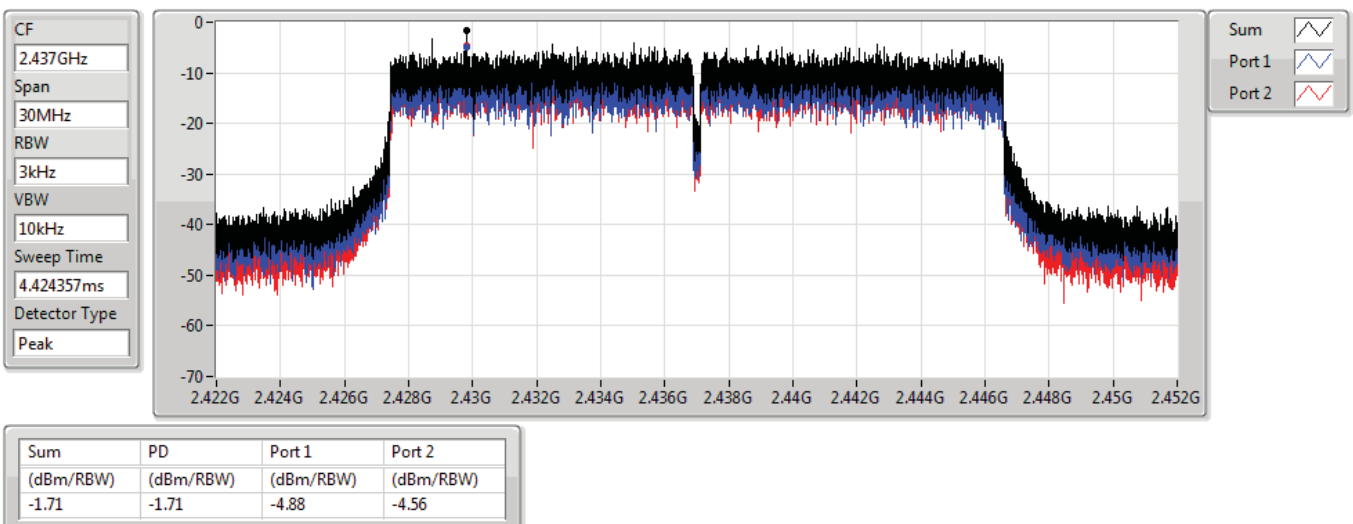


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

26/08/2020

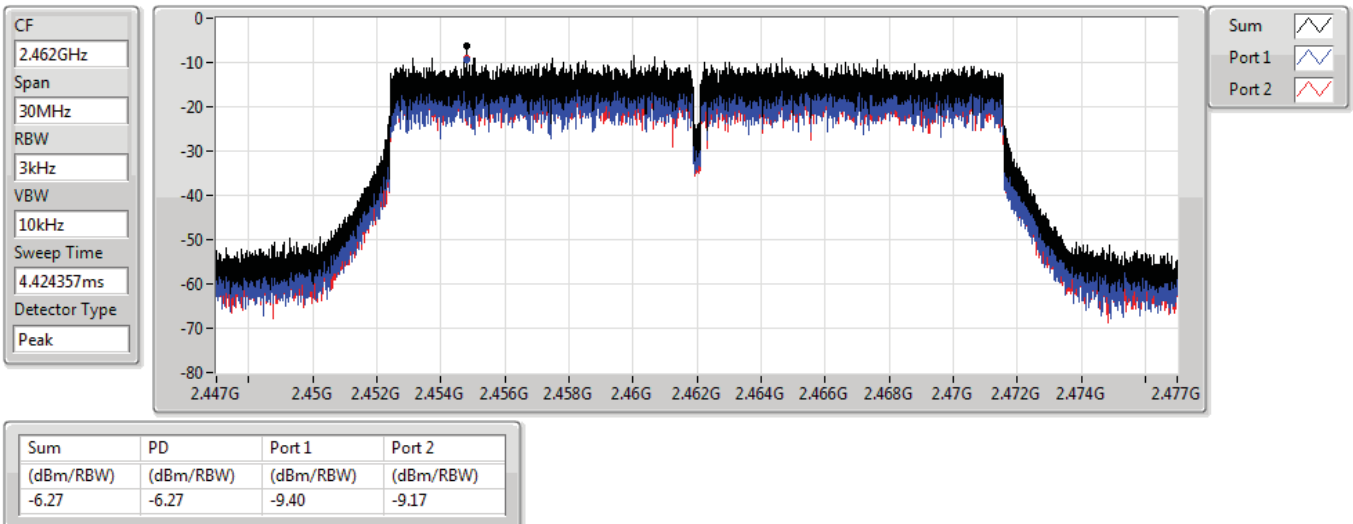


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

13/08/2020

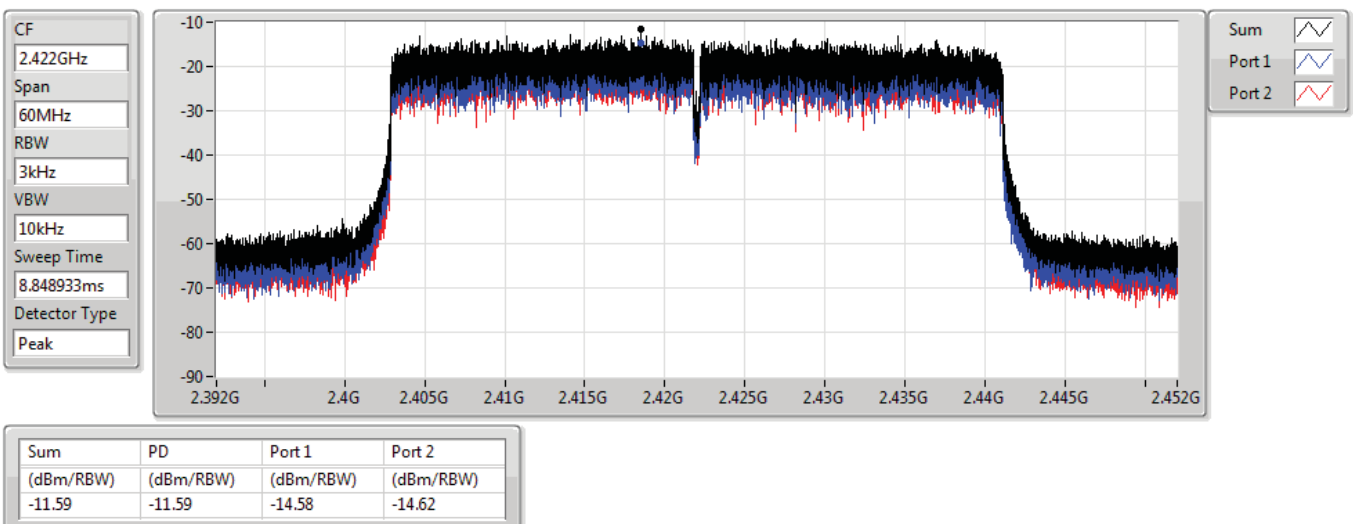


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

13/08/2020

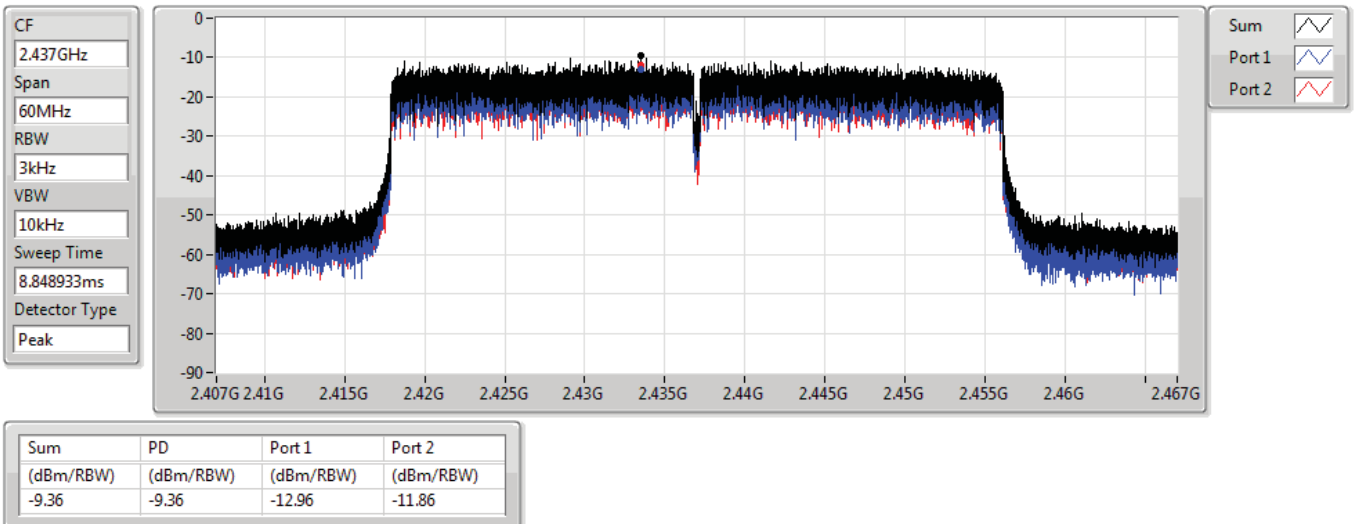


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

13/08/2020

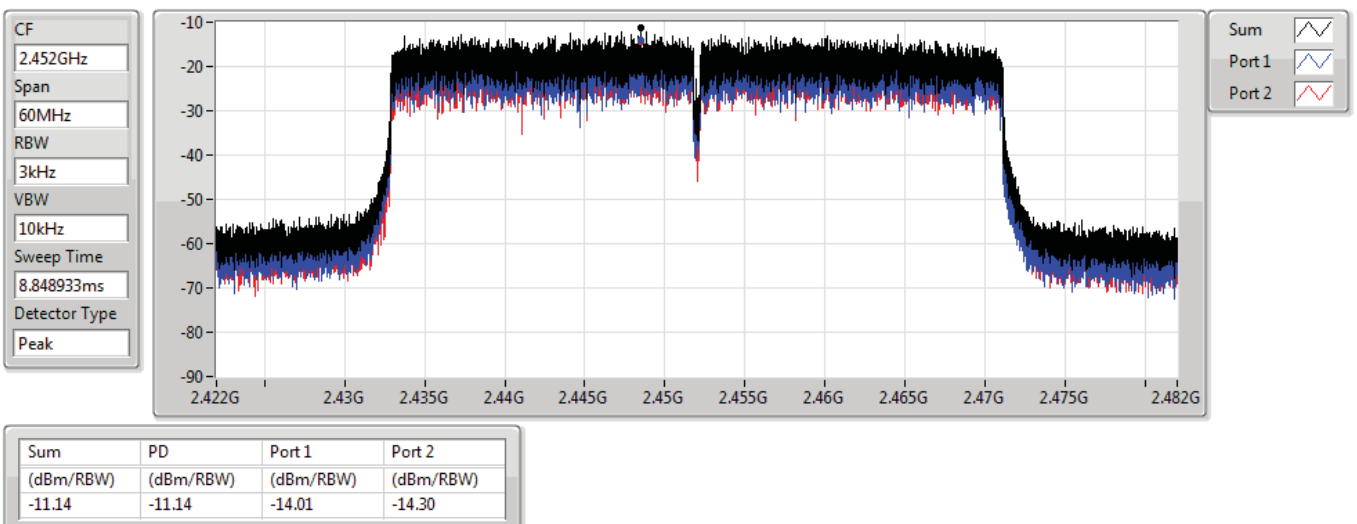


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

13/08/2020





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.45
802.11g_Nss1,(6Mbps)_2TX	-1.95
VHT20_Nss1,(MCS0)_2TX	-3.83
VHT40_Nss1,(MCS0)_2TX	-5.94
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.53
802.11ax HEW40_Nss1,(MCS0)_2TX	-8.34

**Result**

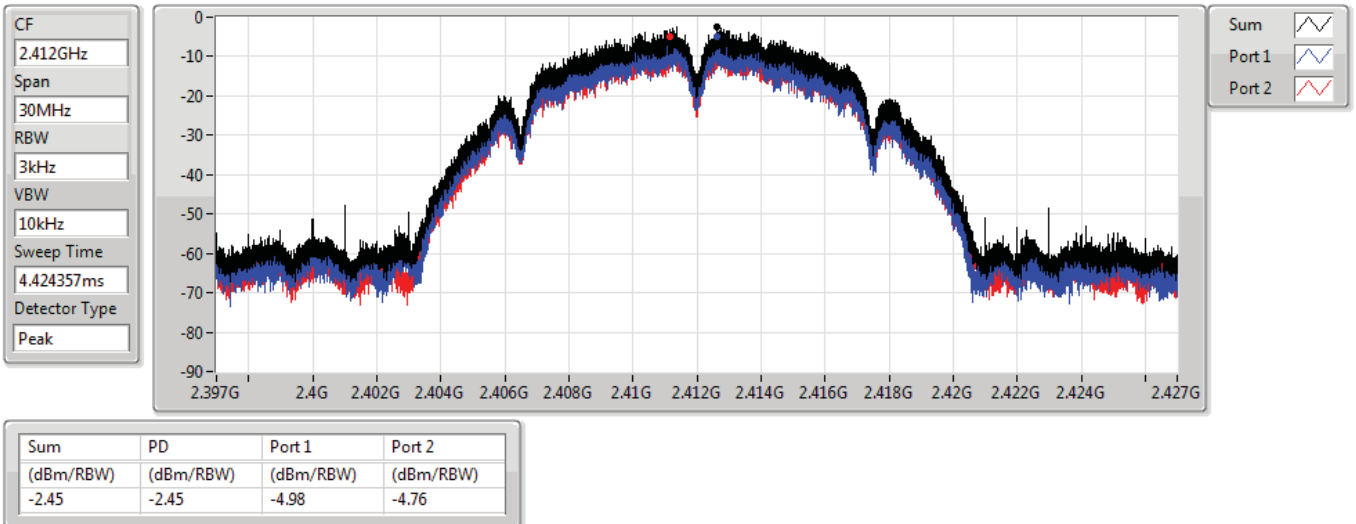
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-4.98	-4.76	-2.45	7.11
2437MHz	Pass	6.89	-5.25	-3.64	-2.53	7.11
2462MHz	Pass	6.89	-5.39	-4.42	-2.60	7.11
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-5.95	-6.14	-3.55	7.11
2437MHz	Pass	6.89	-5.50	-4.48	-1.95	7.11
2462MHz	Pass	6.89	-7.37	-7.16	-4.27	7.11
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-9.06	-9.11	-7.02	7.11
2437MHz	Pass	6.89	-6.95	-6.18	-3.83	7.11
2462MHz	Pass	6.89	-9.10	-9.49	-6.47	7.11
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.89	-12.07	-11.81	-9.34	7.11
2437MHz	Pass	6.89	-8.77	-9.10	-5.94	7.11
2452MHz	Pass	6.89	-10.39	-8.63	-6.87	7.11
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.89	-8.10	-7.20	-4.62	7.11
2437MHz	Pass	6.89	-4.35	-4.73	-1.53	7.11
2462MHz	Pass	6.89	-7.96	-7.07	-4.48	7.11
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.89	-12.02	-12.62	-9.30	7.11
2437MHz	Pass	6.89	-11.33	-10.83	-8.41	7.11
2452MHz	Pass	6.89	-11.21	-10.15	-8.34	7.11

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

14/09/2020

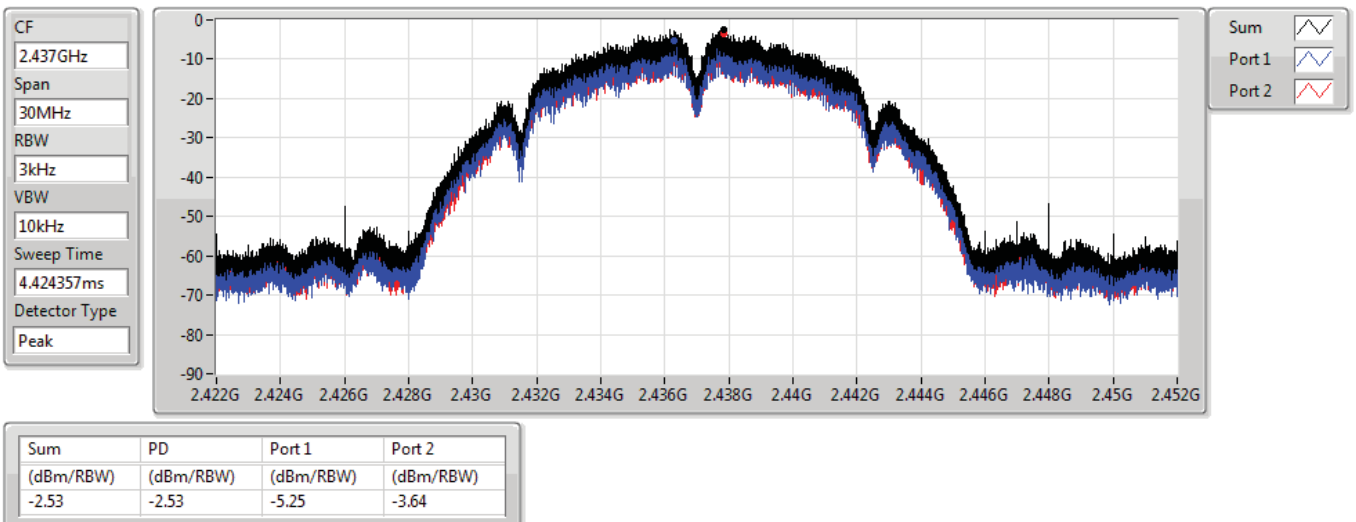


802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

14/09/2020

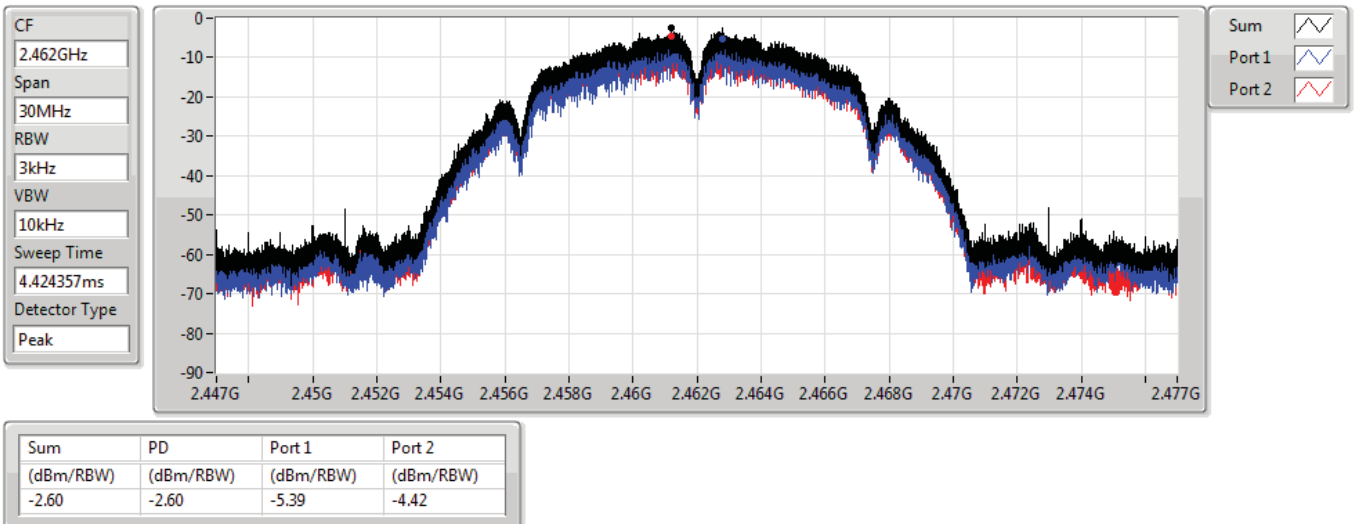


802.11b_Nss1,(1Mbps)_2TX

2462MHz

PSD

14/09/2020

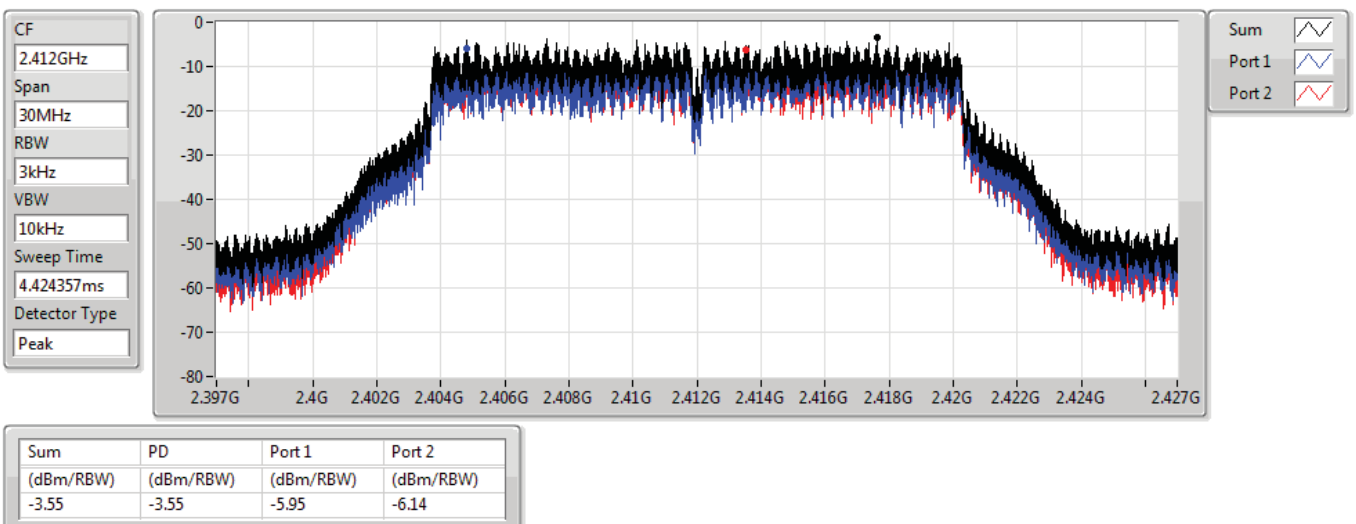


802.11g_Nss1,(6Mbps)_2TX

2412MHz

PSD

13/08/2020

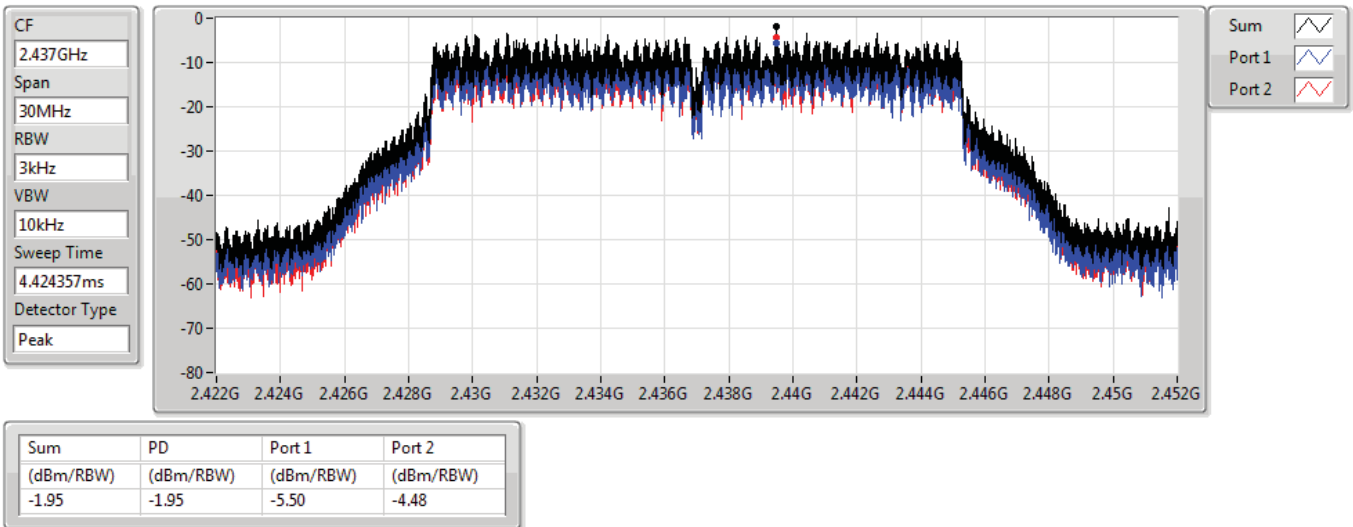


802.11g_Nss1,(6Mbps)_2TX

2437MHz

PSD

06/08/2020

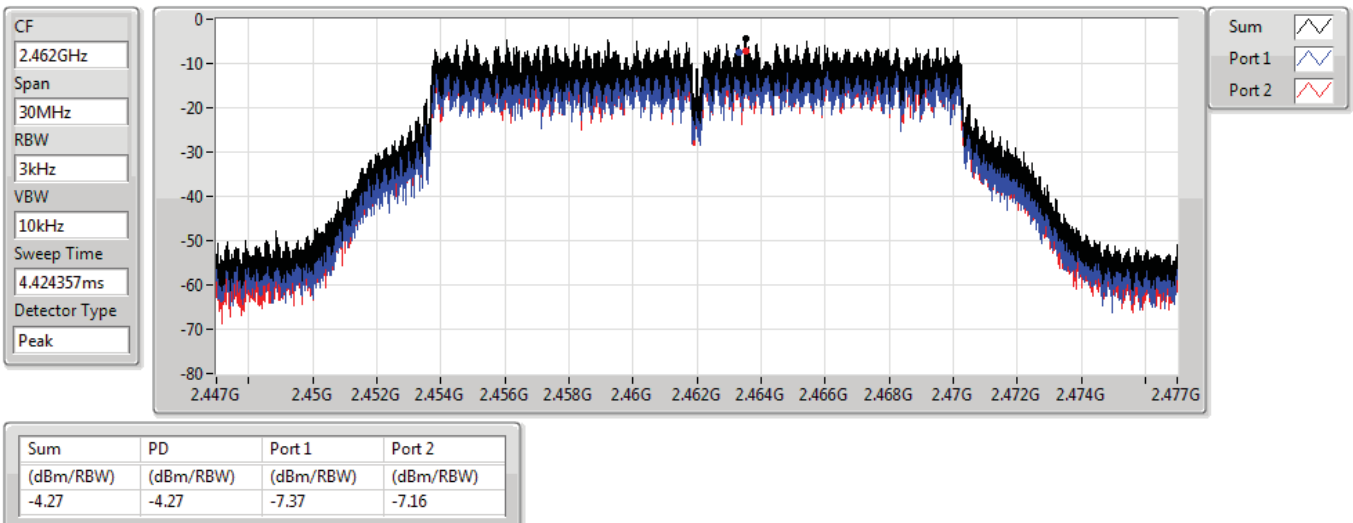


802.11g_Nss1,(6Mbps)_2TX

2462MHz

PSD

13/08/2020

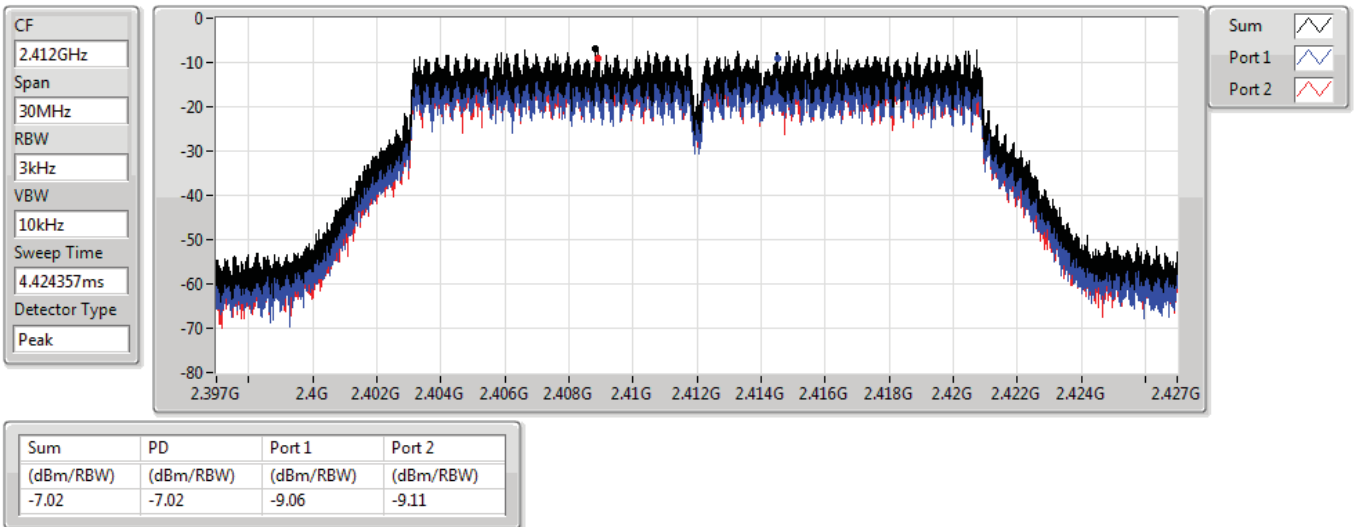


VHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

13/08/2020

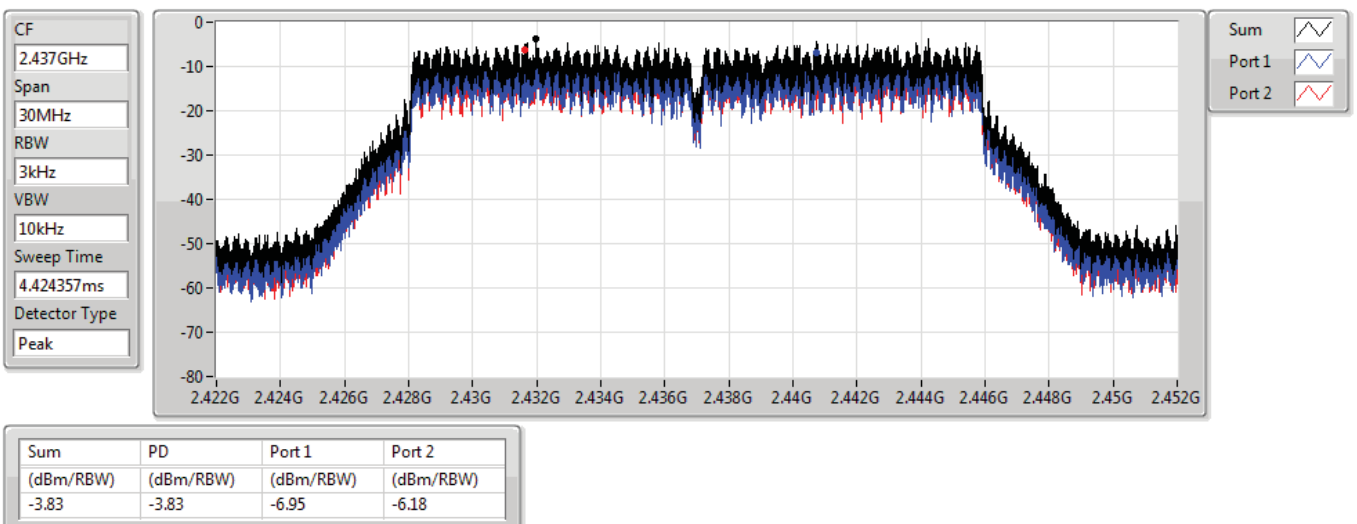


VHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

06/08/2020

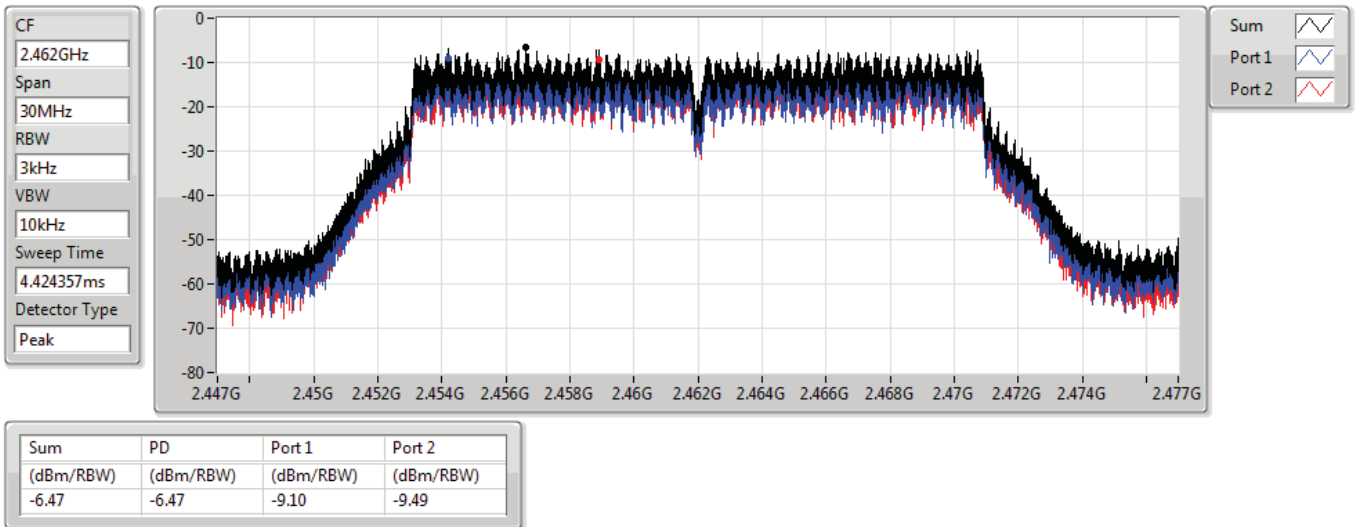


VHT20_Nss1,(MCS0)_2TX

2462MHz

PSD

13/08/2020

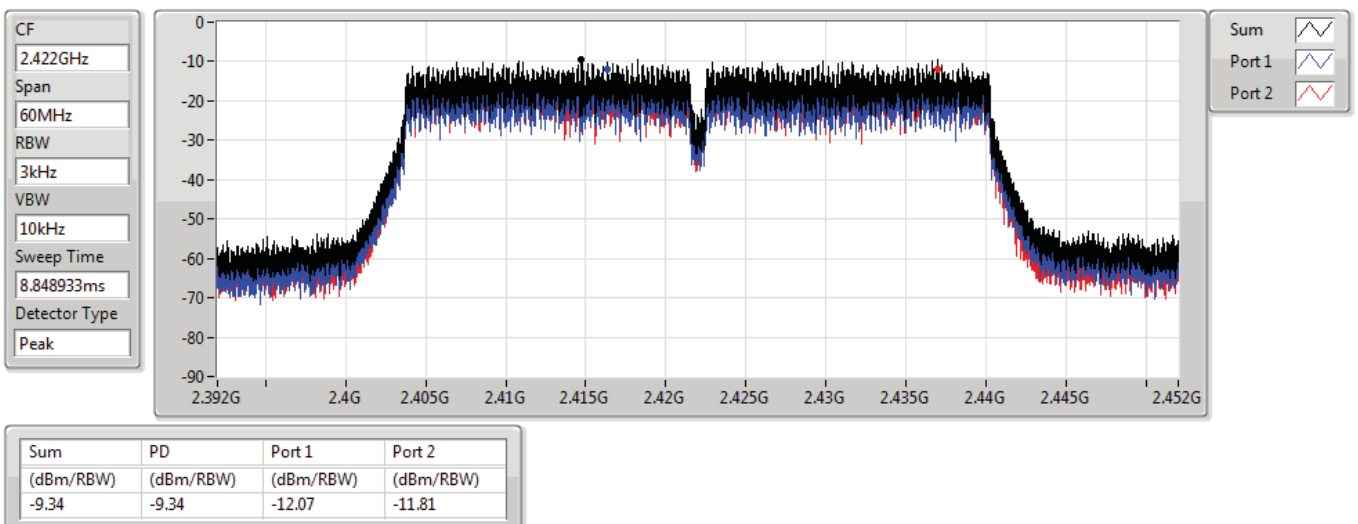


VHT40_Nss1,(MCS0)_2TX

2422MHz

PSD

13/08/2020

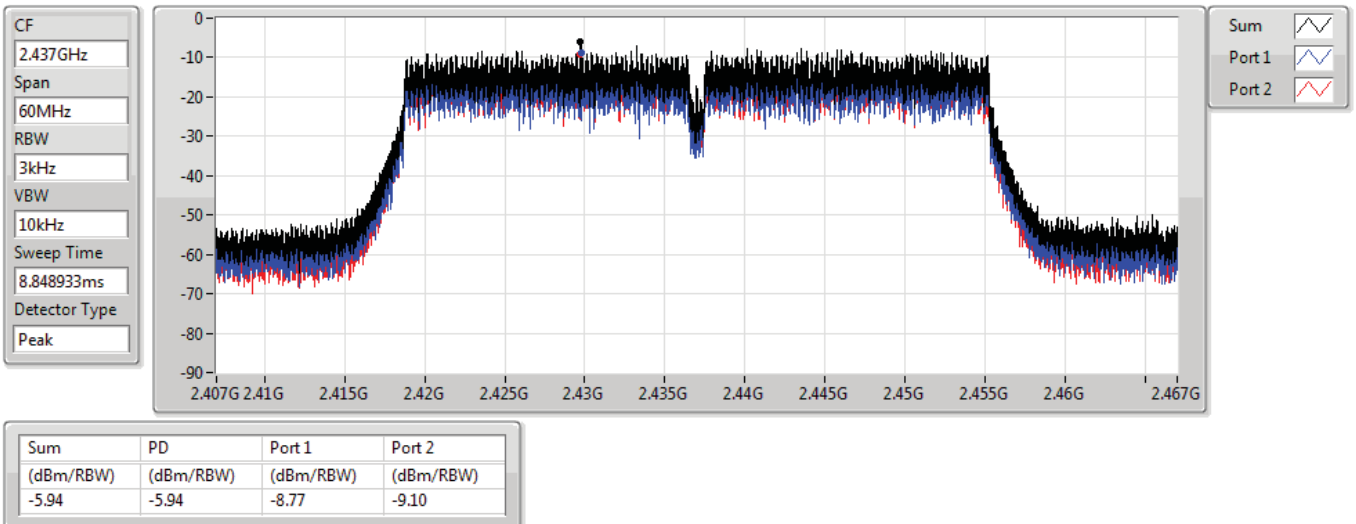


VHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

13/08/2020

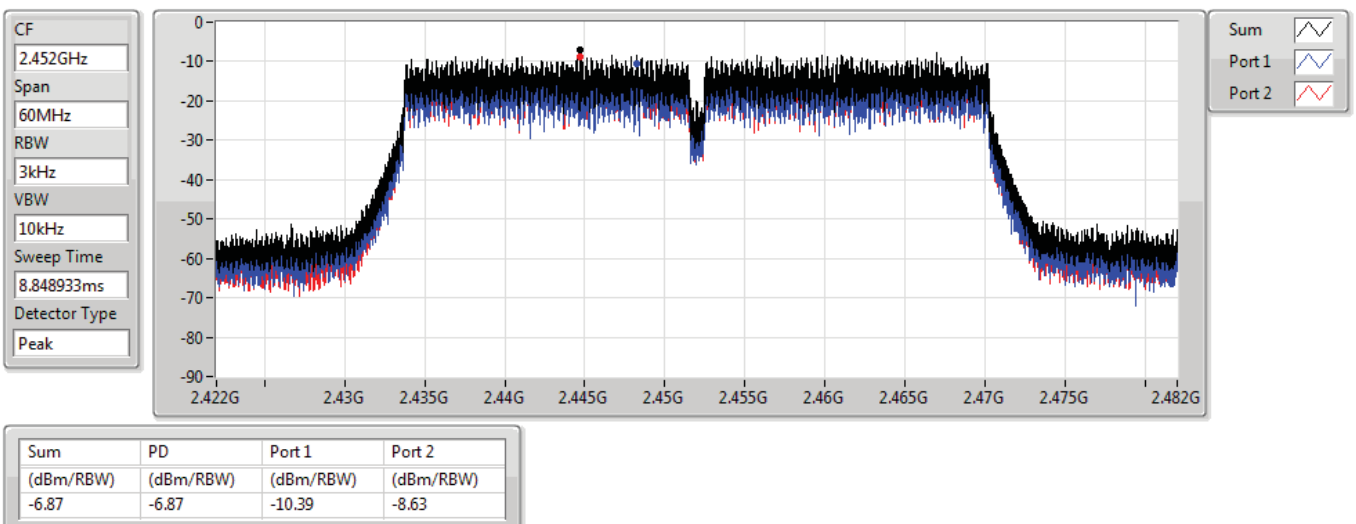


VHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

13/08/2020

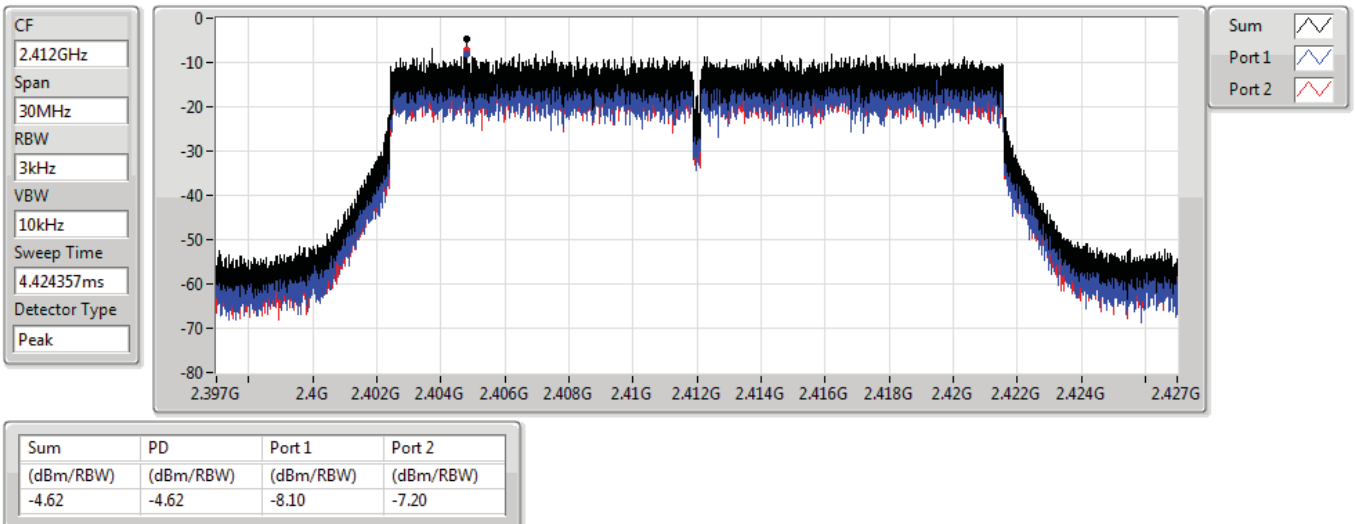


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

13/08/2020

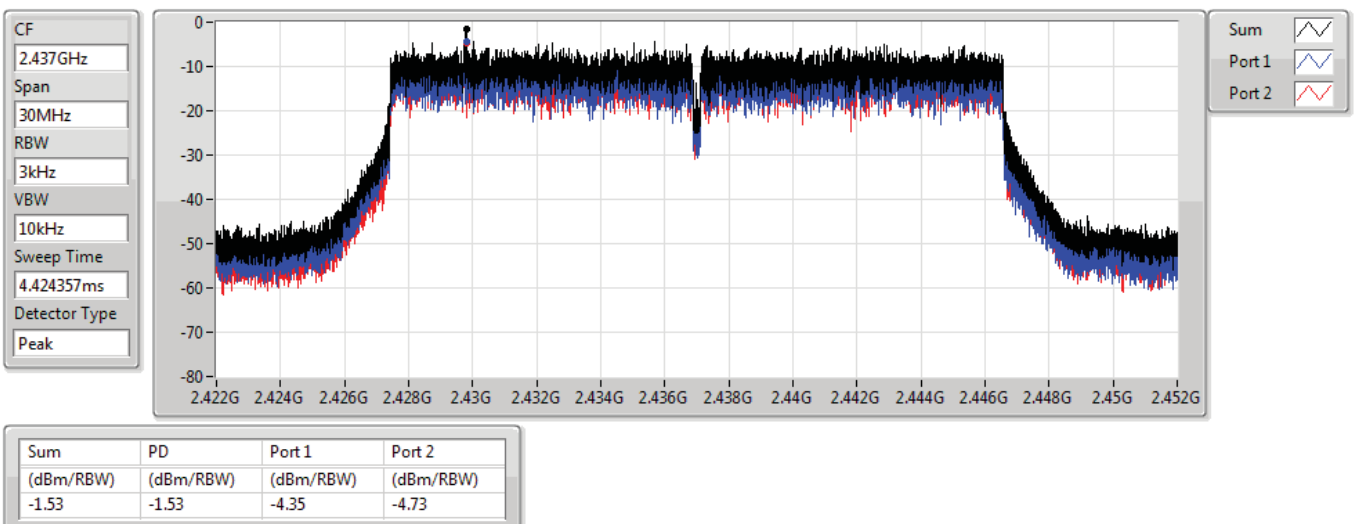


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

06/08/2020

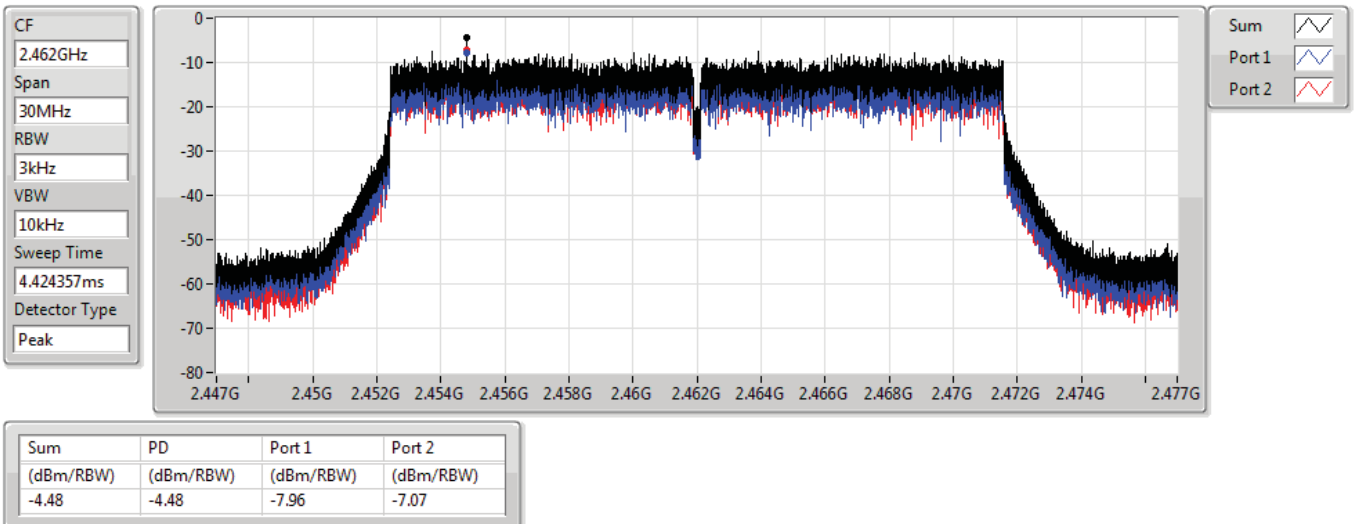


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

13/08/2020

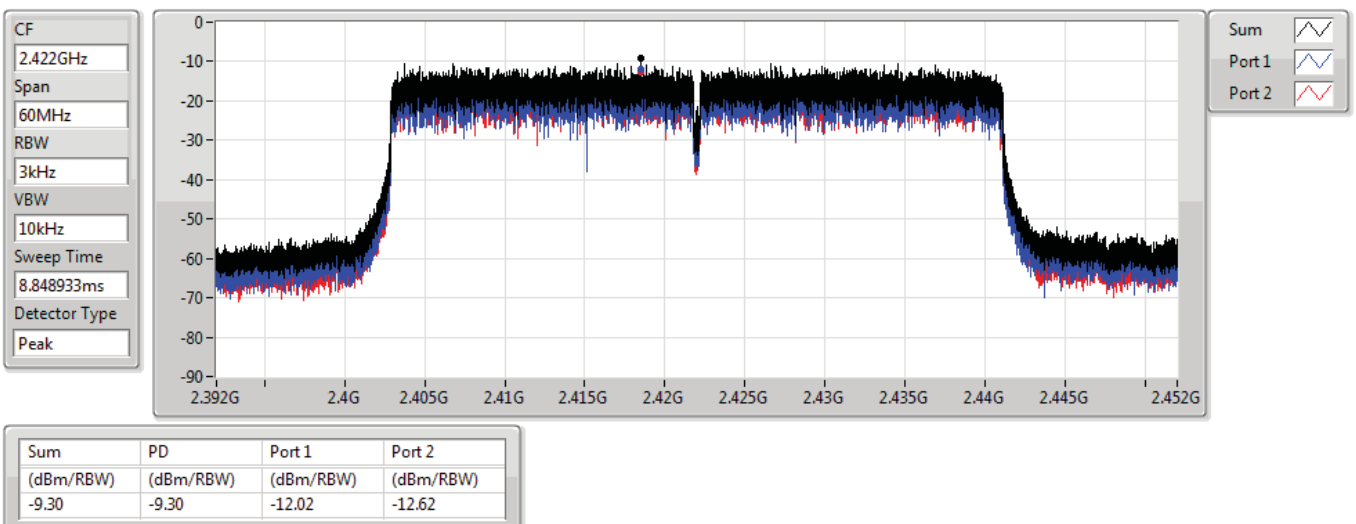


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

13/08/2020

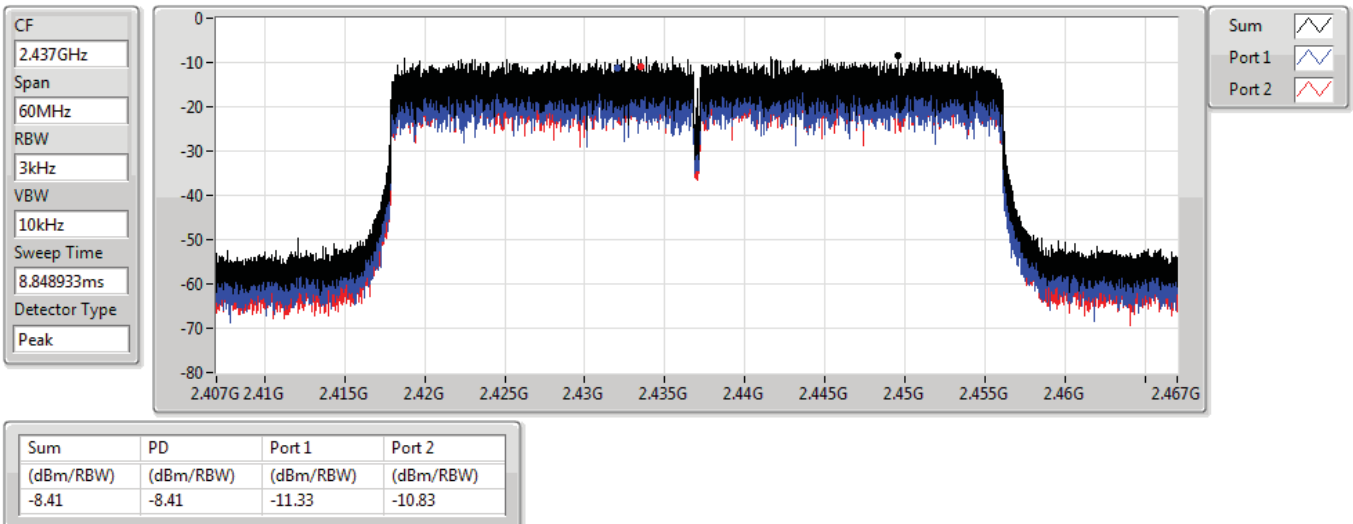


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

13/08/2020

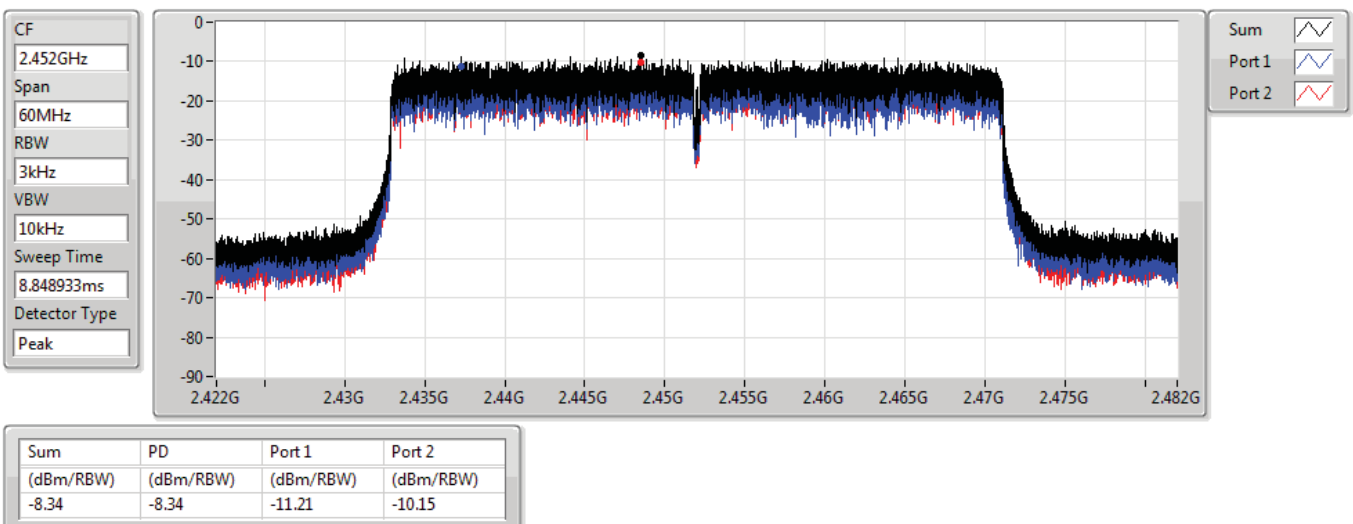


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

13/08/2020



**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	2.41298G	15.91	-14.09	2.30437G	-53.27	2.39904G	-25.87	2.4G	-33.04	2.48608G	-49.25	24.01384G	-41.43	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43077G	7.00	-23.00	2.30495G	-54.00	2.3995G	-28.86	2.4G	-33.14	2.48506G	-51.60	23.51936G	-42.17	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.4395G	7.71	-22.29	2.30612G	-53.59	2.39956G	-38.39	2.4G	-41.27	2.48376G	-50.20	23.51936G	-42.60	1
VHT40_Nss1,(MCS0)_2TX	Pass	2.43449G	2.52	-27.48	2.13308G	-53.93	2.39956G	-36.62	2.4G	-43.03	2.48358G	-47.42	16.53583G	-42.37	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44451G	7.50	-22.50	2.30146G	-52.56	2.39954G	-34.64	2.4G	-37.72	2.48842G	-51.69	16.92251G	-42.37	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43449G	2.68	-27.32	2.30855G	-53.12	2.39952G	-37.25	2.4G	-41.62	2.48662G	-42.37	23.21349G	-42.64	2

**Result**

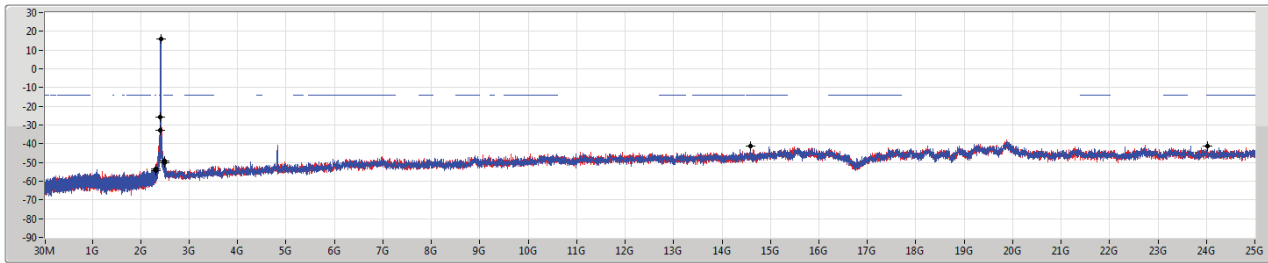
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41298G	15.91	-14.09	2.30961G	-54.27	2.39952G	-32.62	2.4G	-33.02	2.49052G	-50.12	14.59057G	-41.31	1
2412MHz	Pass	2.41298G	15.91	-14.09	2.30437G	-53.27	2.39904G	-25.87	2.4G	-33.04	2.48608G	-49.25	24.01384G	-41.43	2
2437MHz	Pass	2.41298G	15.91	-14.09	2.10487G	-54.62	2.39872G	-48.68	2.4G	-50.74	2.48548G	-49.88	23.3255G	-41.67	1
2437MHz	Pass	2.41298G	15.91	-14.09	2.11739G	-54.53	2.3915G	-45.78	2.4G	-49.06	2.48566G	-48.22	24.66566G	-41.38	2
2462MHz	Pass	2.41298G	15.91	-14.09	2.30874G	-54.82	2.39994G	-49.73	2.4835G	-48.60	2.484G	-45.16	23.59803G	-41.62	1
2462MHz	Pass	2.41298G	15.91	-14.09	1.82468G	-53.73	2.39696G	-48.93	2.4835G	-44.98	2.48848G	-40.83	23.51655G	-41.68	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43077G	7.00	-23.00	2.30495G	-54.21	2.39922G	-33.85	2.4G	-35.53	2.48844G	-51.68	16.39431G	-41.57	1
2412MHz	Pass	2.43077G	7.00	-23.00	2.30495G	-54.00	2.3995G	-28.86	2.4G	-33.14	2.48506G	-51.60	23.51936G	-42.17	2
2437MHz	Pass	2.43077G	7.00	-23.00	1.94934G	-54.70	2.39762G	-47.87	2.4G	-53.00	2.48688G	-49.97	23.55588G	-42.17	1
2437MHz	Pass	2.43077G	7.00	-23.00	2.30699G	-53.46	2.39694G	-47.00	2.4835G	-48.44	2.48576G	-48.41	24.85109G	-41.52	2
2462MHz	Pass	2.43077G	7.00	-23.00	2.30146G	-53.92	2.39786G	-50.40	2.4835G	-46.86	2.48446G	-39.65	16.93656G	-42.16	1
2462MHz	Pass	2.43077G	7.00	-23.00	2.07749G	-54.23	2.3974G	-50.62	2.4835G	-38.02	2.48452G	-36.63	23.18502G	-41.52	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	7.71	-22.29	2.30612G	-53.59	2.39956G	-38.39	2.4G	-41.27	2.48376G	-50.20	23.51936G	-42.60	1
2412MHz	Pass	2.4395G	7.71	-22.29	2.12846G	-54.20	2.39976G	-41.07	2.4G	-41.61	2.48756G	-51.77	16.27069G	-42.58	2
2437MHz	Pass	2.4395G	7.71	-22.29	2.30554G	-54.15	2.3986G	-47.91	2.4G	-49.73	2.49136G	-50.03	24.96629G	-42.56	1
2437MHz	Pass	2.4395G	7.71	-22.29	2.1637G	-54.15	2.39732G	-44.31	2.4G	-47.37	2.4864G	-46.88	23.17097G	-43.00	2
2462MHz	Pass	2.4395G	7.71	-22.29	2.19923G	-53.71	2.39584G	-52.07	2.4835G	-48.17	2.48398G	-45.44	24.91571G	-42.57	1
2462MHz	Pass	2.4395G	7.71	-22.29	1.8739G	-54.24	2.39694G	-51.14	2.4835G	-48.96	2.48358G	-42.76	15.01762G	-42.72	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	2.52	-27.48	2.12535G	-53.95	2.39696G	-43.70	2.4G	-45.78	2.51266G	-51.43	24.87099G	-41.72	1
2422MHz	Pass	2.43449G	2.52	-27.48	2.30368G	-53.60	2.397G	-43.91	2.4G	-46.53	2.49846G	-51.87	17.04065G	-42.62	2
2437MHz	Pass	2.43449G	2.52	-27.48	2.13308G	-53.93	2.39956G	-36.62	2.4G	-43.03	2.48358G	-47.42	16.53583G	-42.37	1
2437MHz	Pass	2.43449G	2.52	-27.48	2.30025G	-52.40	2.39952G	-38.59	2.4G	-44.65	2.48386G	-41.40	16.56388G	-42.01	2
2452MHz	Pass	2.43449G	2.52	-27.48	2.14253G	-53.73	2.39068G	-50.99	2.4835G	-46.66	2.48446G	-43.13	21.54197G	-43.19	1
2452MHz	Pass	2.43449G	2.52	-27.48	2.11018G	-54.30	2.3998G	-50.37	2.4835G	-46.49	2.4845G	-46.34	24.31569G	-42.85	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44451G	7.50	-22.50	2.30088G	-54.57	2.39996G	-35.84	2.4G	-40.53	2.49886G	-52.00	24.48866G	-42.62	1
2412MHz	Pass	2.44451G	7.50	-22.50	2.30146G	-52.56	2.39954G	-34.64	2.4G	-37.72	2.48842G	-51.69	16.92251G	-42.37	2
2437MHz	Pass	2.44451G	7.50	-22.50	2.30845G	-54.56	2.3989G	-47.60	2.4G	-49.14	2.48468G	-49.11	16.59379G	-43.31	1
2437MHz	Pass	2.44451G	7.50	-22.50	2.12292G	-53.95	2.3997G	-41.65	2.4G	-45.72	2.48596G	-44.54	23.18502G	-42.50	2
2462MHz	Pass	2.44451G	7.50	-22.50	2.16515G	-54.21	2.3997G	-49.96	2.4835G	-43.06	2.48384G	-41.95	24.60104G	-41.53	1
2462MHz	Pass	2.44451G	7.50	-22.50	2.12205G	-53.97	2.39684G	-51.66	2.4835G	-38.94	2.48398G	-36.79	24.92976G	-42.06	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	2.68	-27.32	2.1909G	-53.30	2.397G	-41.09	2.4G	-42.05	2.48546G	-51.40	16.86116G	-41.84	1
2422MHz	Pass	2.43449G	2.68	-27.32	2.30082G	-52.55	2.39956G	-41.82	2.4G	-44.41	2.48478G	-50.17	15.041G	-42.36	2
2437MHz	Pass	2.43449G	2.68	-27.32	2.30111G	-54.39	2.39952G	-37.53	2.4G	-44.13	2.48622G	-45.44	24.84855G	-42.90	1
2437MHz	Pass	2.43449G	2.68	-27.32	2.30855G	-53.12	2.39952G	-37.25	2.4G	-41.62	2.48662G	-42.37	23.21349G	-42.64	2
2452MHz	Pass	2.43449G	2.68	-27.32	2.13222G	-53.98	2.39796G	-51.15	2.4835G	-44.54	2.48626G	-41.90	24.92708G	-42.04	1
2452MHz	Pass	2.43449G	2.68	-27.32	2.30197G	-53.19	2.39768G	-50.06	2.4835G	-45.14	2.48598G	-43.27	24.98037G	-42.31	2

802.11b_Nss1,(1Mbps)_2TX

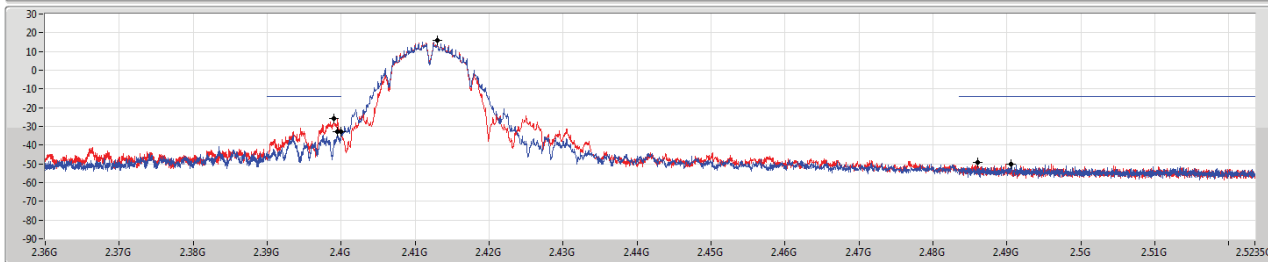
2412MHz

CSENdB

08/09/2020



Port 1
Port 2



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

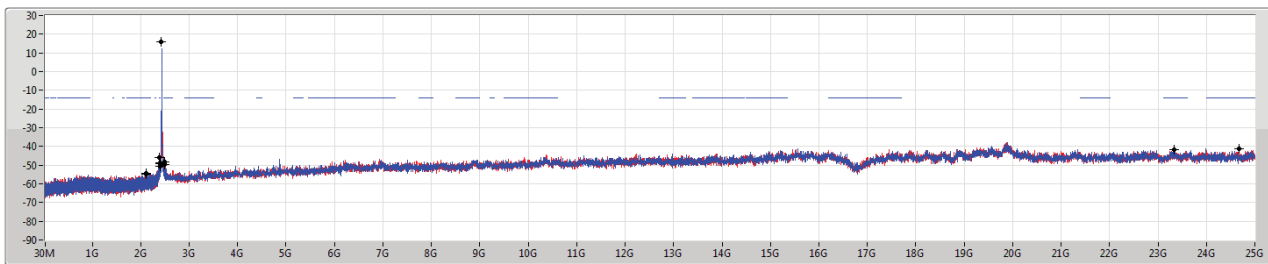
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	15.91	-14.09	2.30961G	-54.27	2.39952G	-32.62	2.4G	-33.02	2.49052G	-50.12	14.59057G	-41.31	1
2.41298G	15.91	-14.09	2.30437G	-53.27	2.39904G	-25.87	2.4G	-33.04	2.48608G	-49.25	24.01384G	-41.43	2

802.11b_Nss1,(1Mbps)_2TX

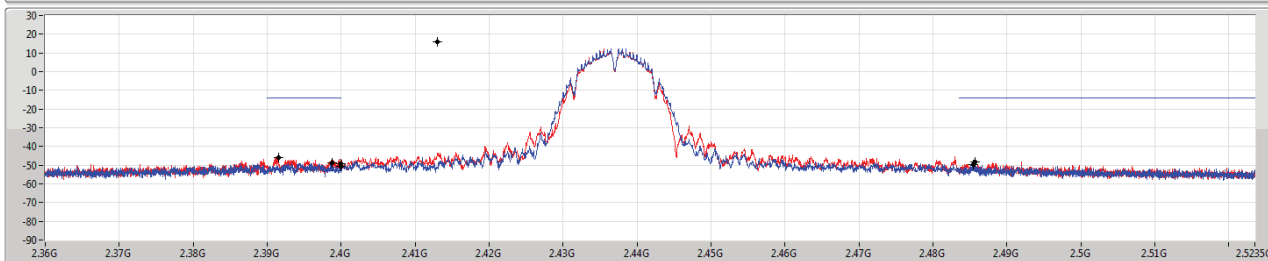
2437MHz

CSENdB

08/09/2020



Port 1
Port 2



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

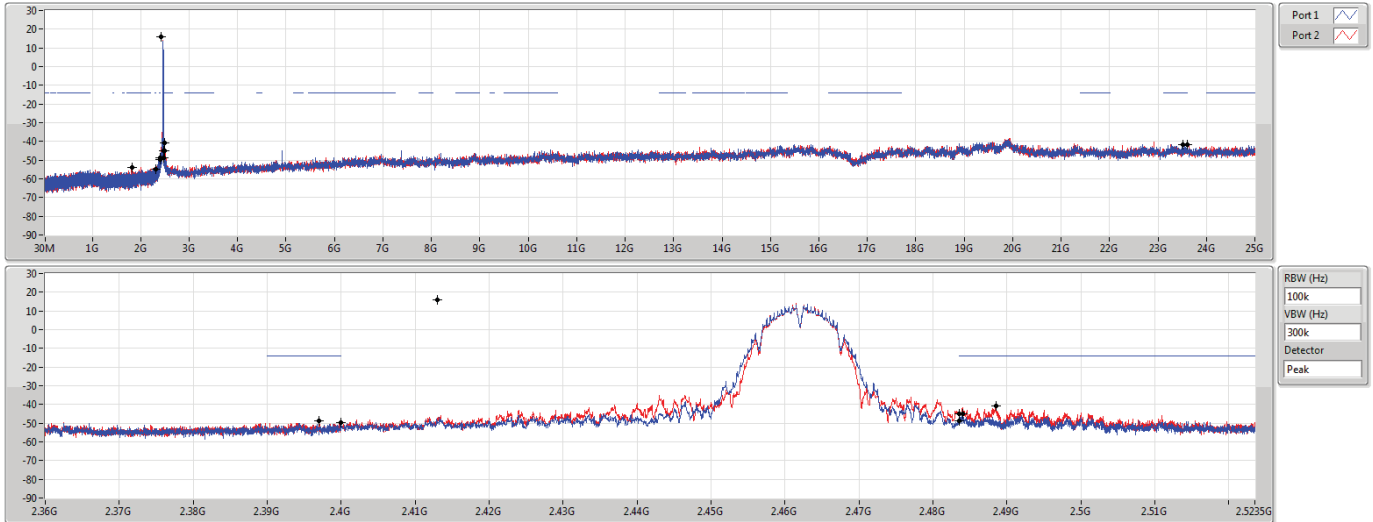
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41298G	15.91	-14.09	2.10487G	-54.62	2.39872G	-48.68	2.4G	-50.74	2.48548G	-49.88	23.3255G	-41.67	1
2.41298G	15.91	-14.09	2.11739G	-54.53	2.3915G	-45.78	2.4G	-49.06	2.48566G	-48.22	24.66566G	-41.38	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSENdB

08/09/2020

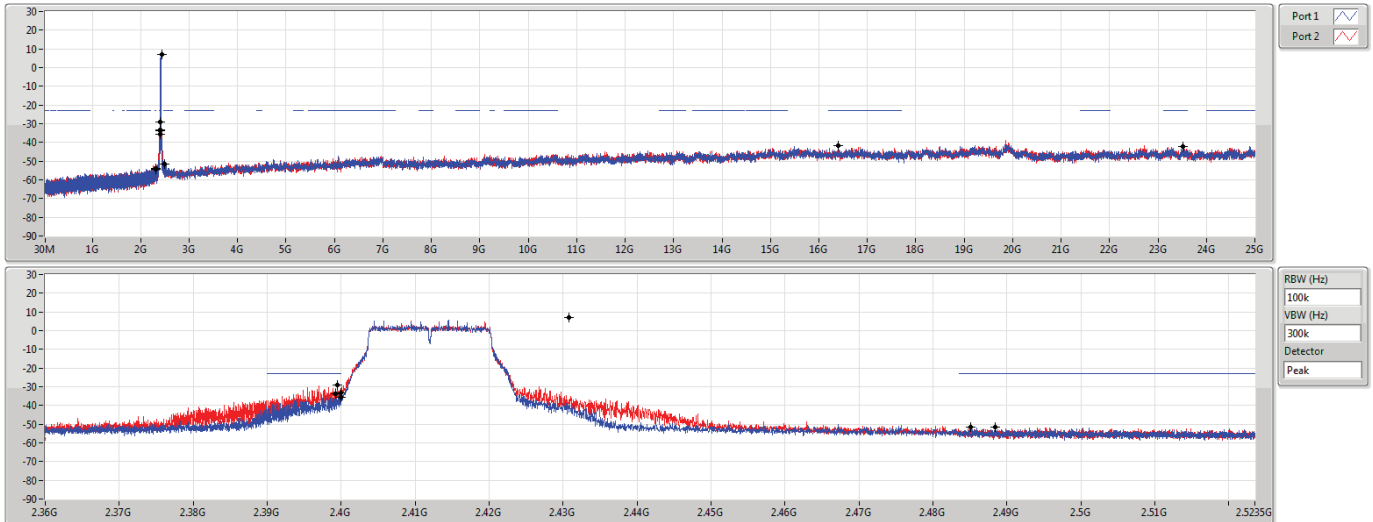


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSENdB

13/08/2020

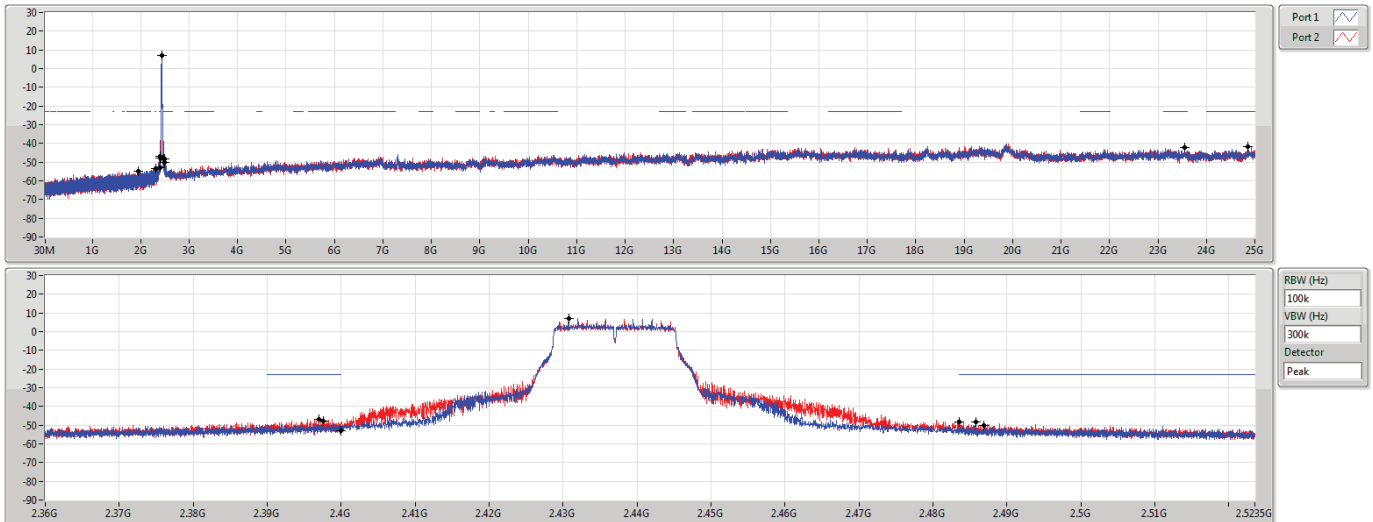


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

13/08/2020



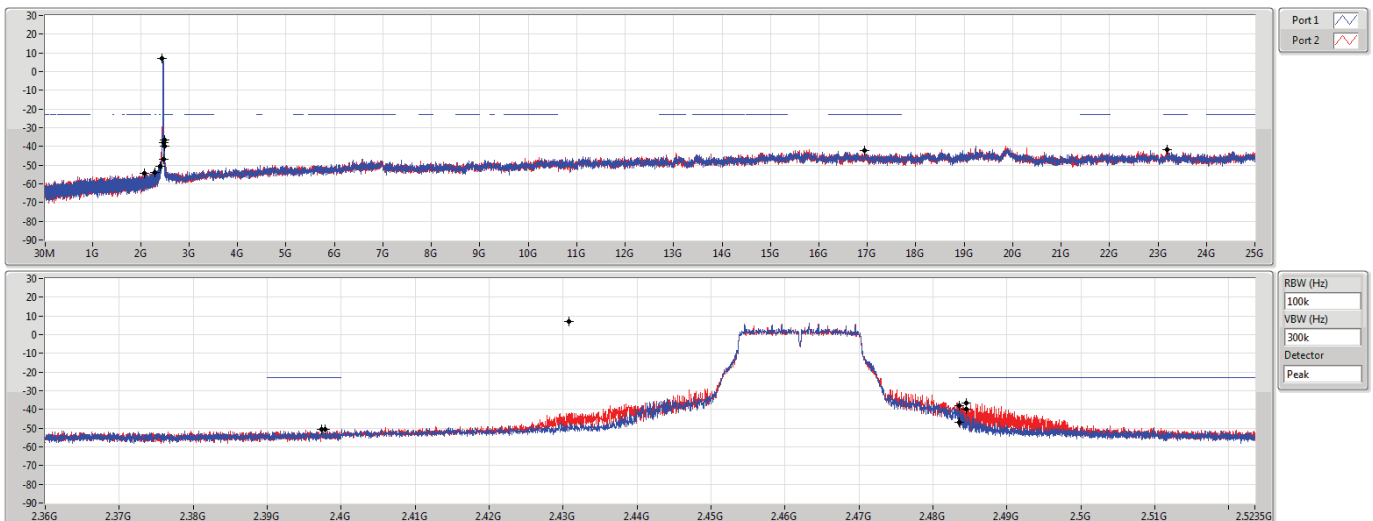
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	7.00	-23.00	1.94934G	-54.70	2.39762G	-47.87	2.4G	-53.00	2.48688G	-49.97	23.5588G	-42.17	1
2.43077G	7.00	-23.00	2.30699G	-53.46	2.39694G	-47.00	2.4835G	-48.44	2.48576G	-48.41	24.85109G	-41.52	2

802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

13/08/2020



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	7.00	-23.00	2.30146G	-53.92	2.39786G	-50.40	2.4835G	-46.86	2.48446G	-39.65	16.93656G	-42.16	1
2.43077G	7.00	-23.00	2.07749G	-54.23	2.3974G	-50.62	2.4835G	-38.02	2.48452G	-36.63	23.18502G	-41.52	2

VHT20_Nss1,(MCS0)_2TX

CSENdB

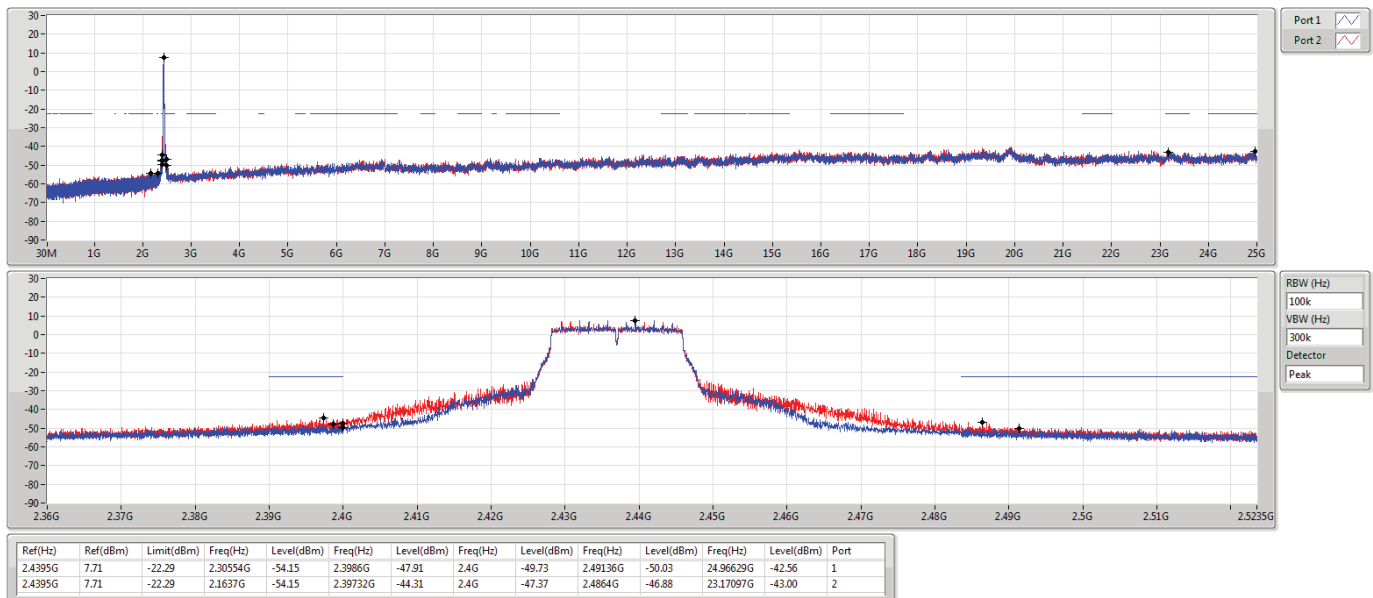
2412MHz



VHT20_Nss1,(MCS0)_2TX

CSENdB

2437MHz



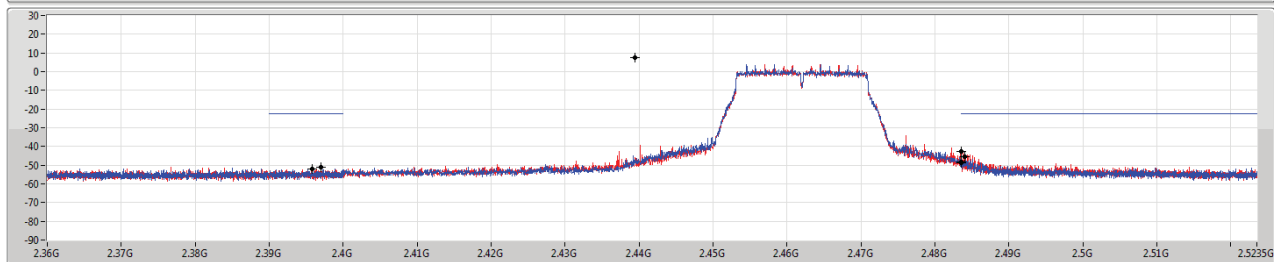
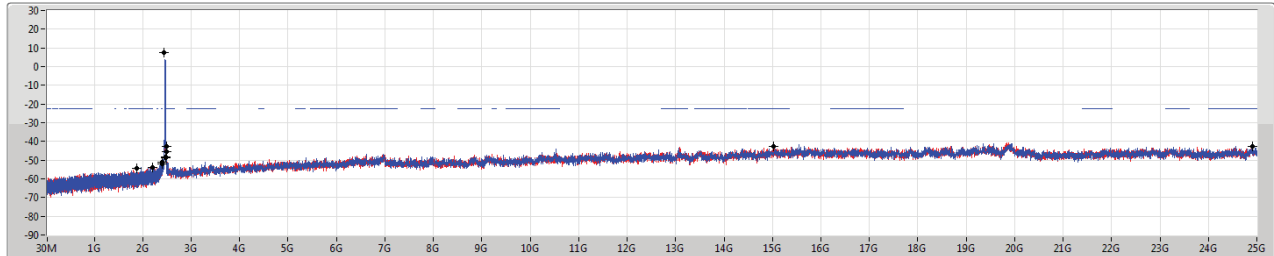
VHT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

13/08/2020

Port 1
Port 2



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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	7.71	-22.29	2.19923G	-53.71	2.39584G	-52.07	2.4835G	-48.17	2.48398G	-45.44	24.91571G	-42.57	1
2.4395G	7.71	-22.29	1.8739G	-54.24	2.39694G	-51.14	2.4835G	-48.96	2.48358G	-42.76	15.01762G	-42.72	2

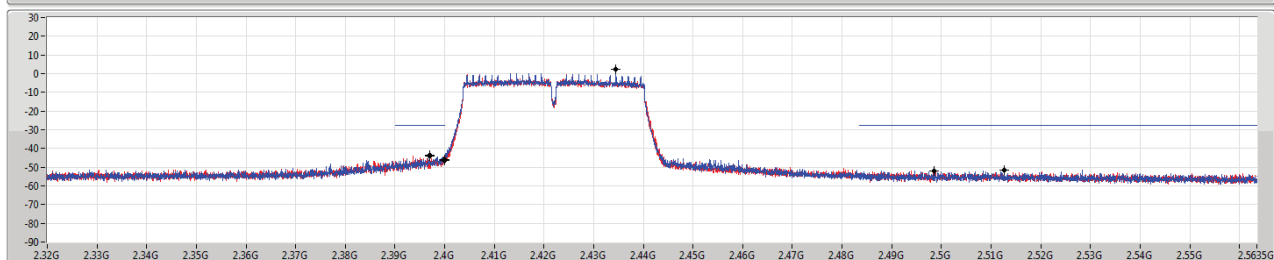
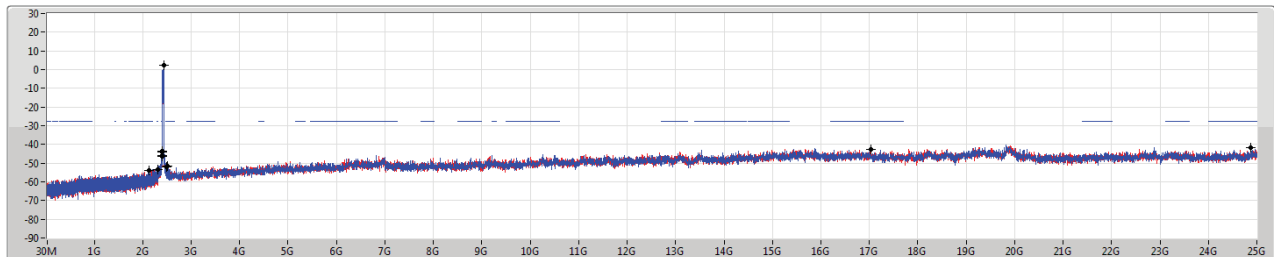
VHT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

13/08/2020

Port 1
Port 2



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

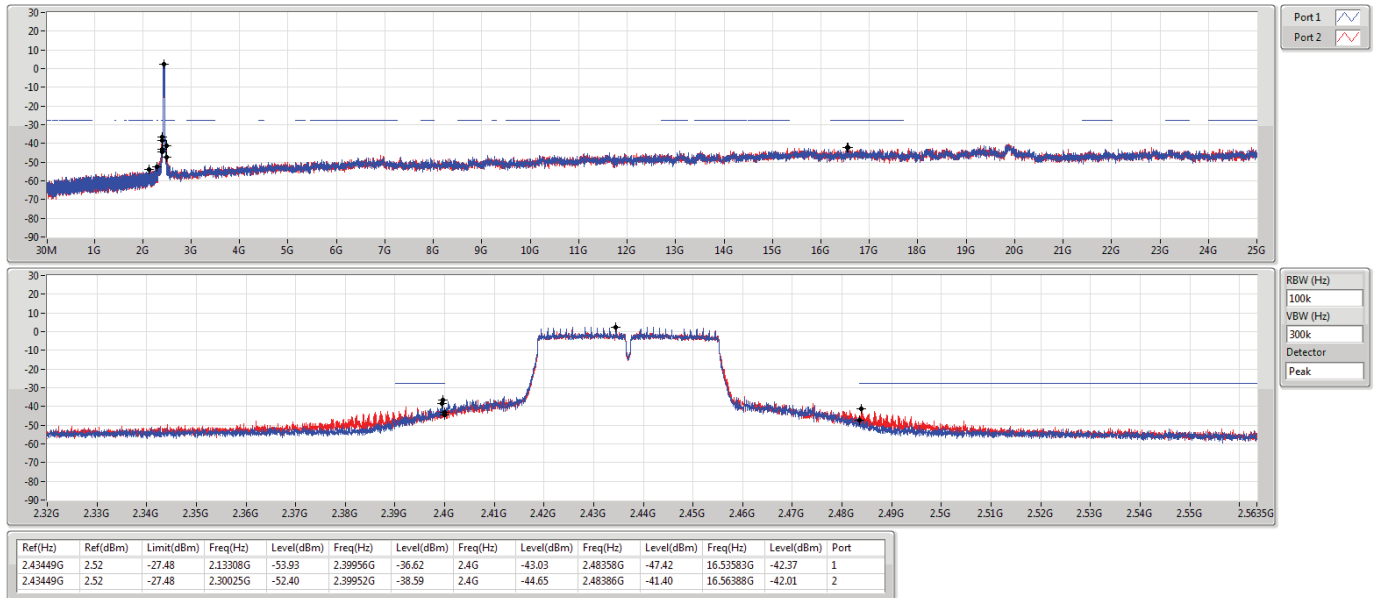
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	2.52	-27.48	2.12535G	-53.95	2.39696G	-43.70	2.4G	-45.78	2.51266G	-51.43	24.87099G	-41.72	1
2.43449G	2.52	-27.48	2.30368G	-53.60	2.397G	-43.91	2.4G	-46.53	2.49846G	-51.87	17.04065G	-42.62	2

VHT40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

13/08/2020

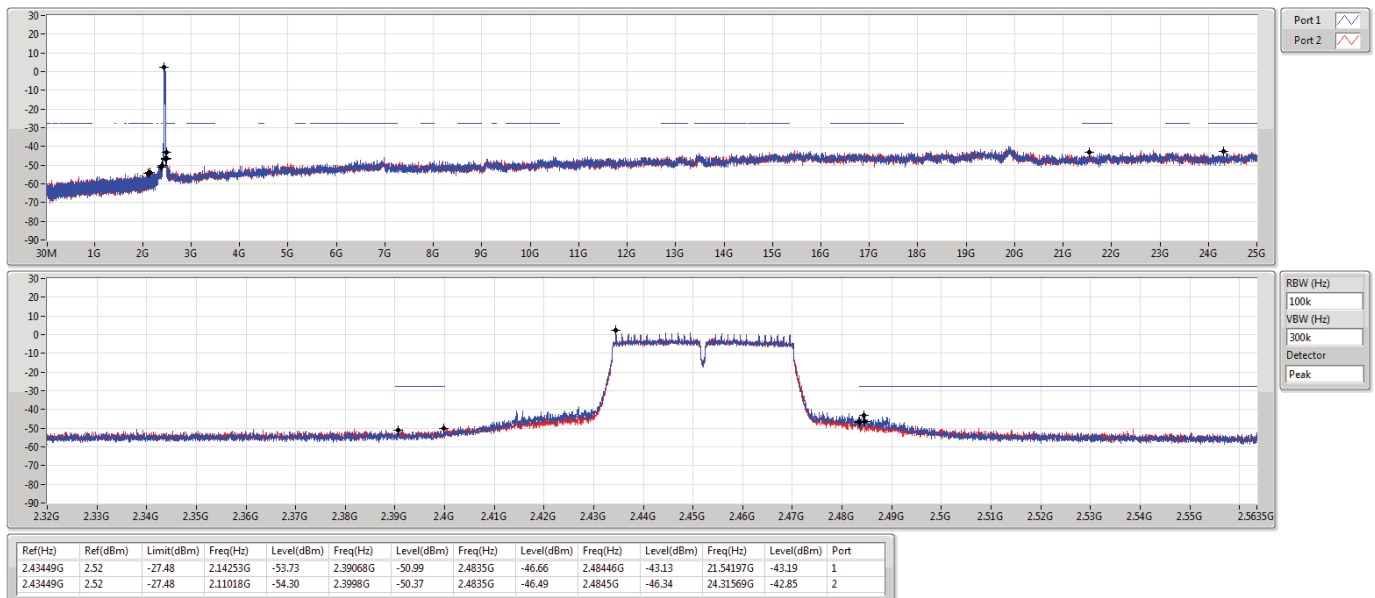


VHT40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

13/08/2020

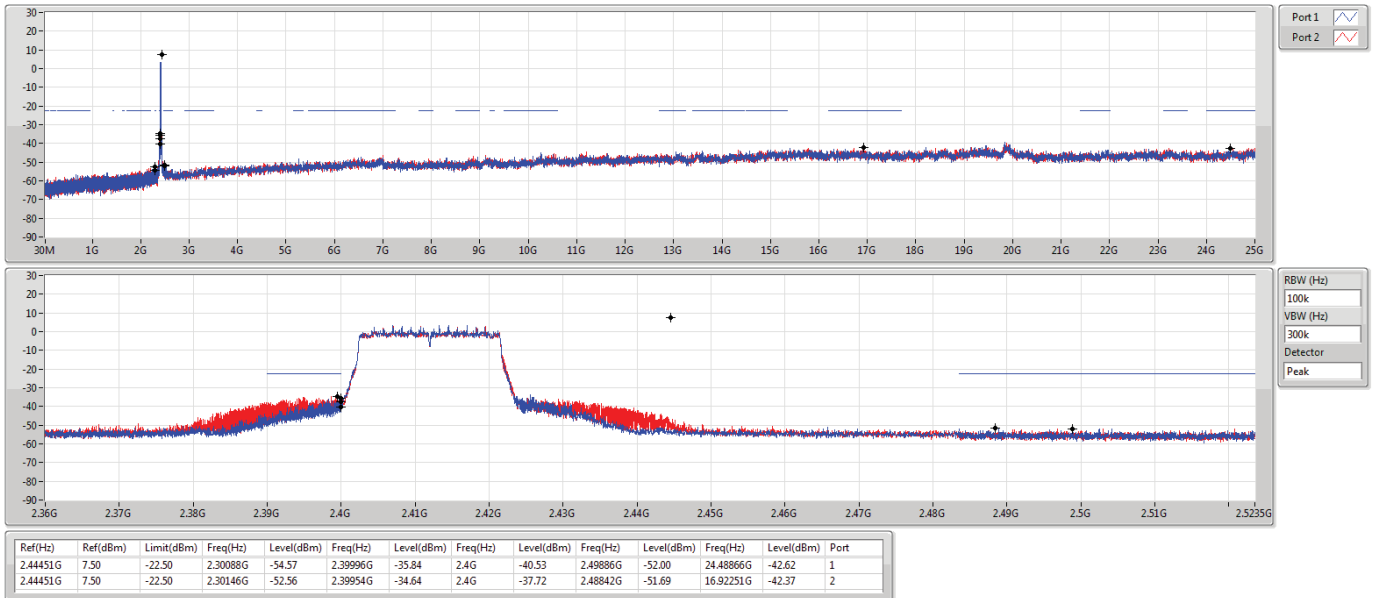


802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz

CSENdB

13/08/2020

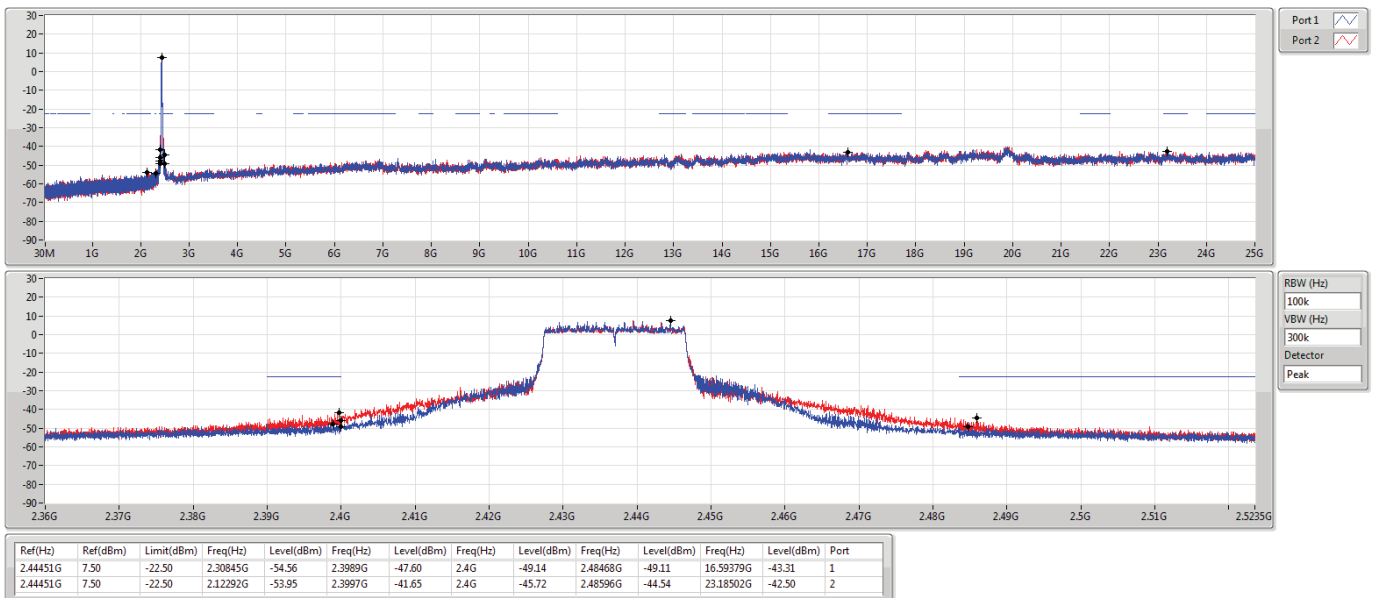


802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

13/08/2020

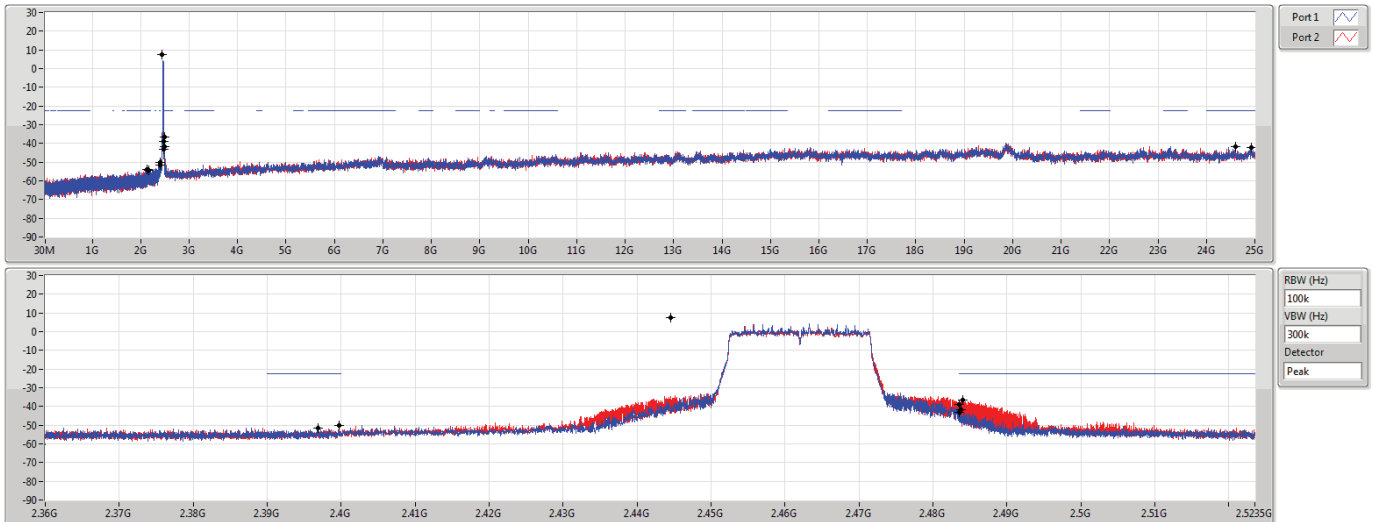


802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

13/08/2020

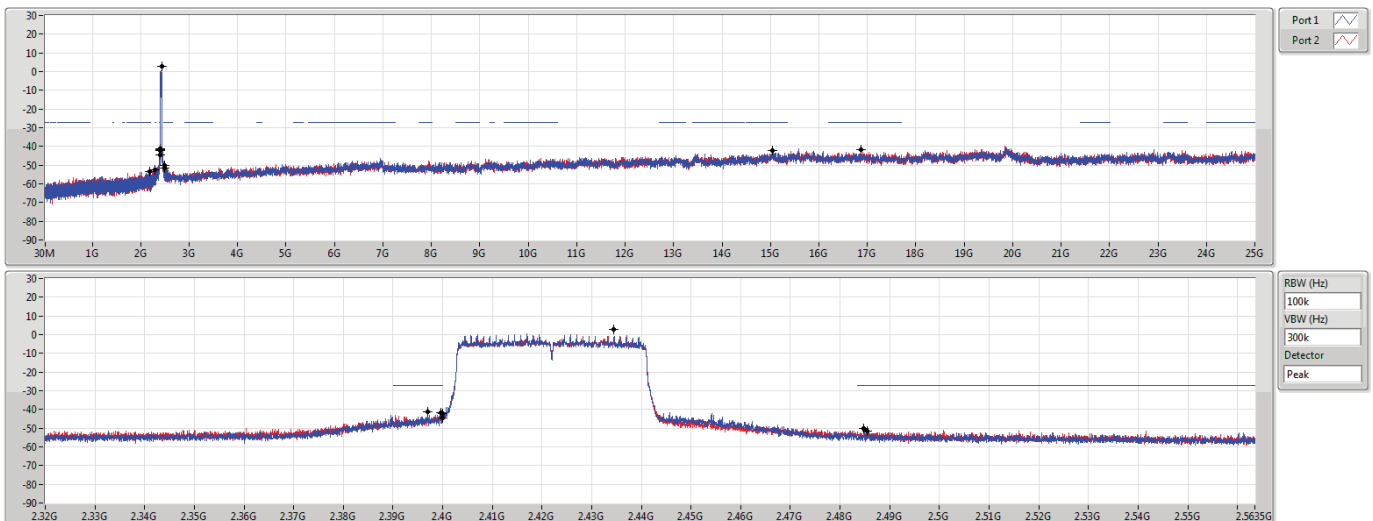


802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

13/08/2020

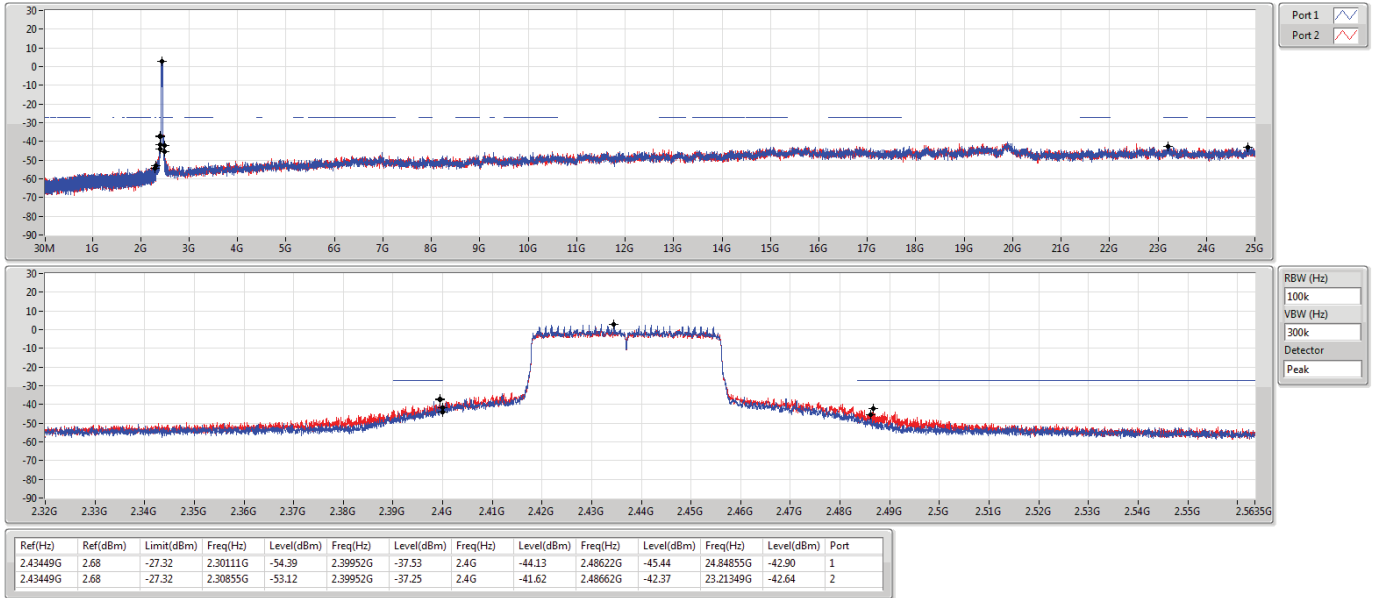


802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz

CSENdB

13/08/2020

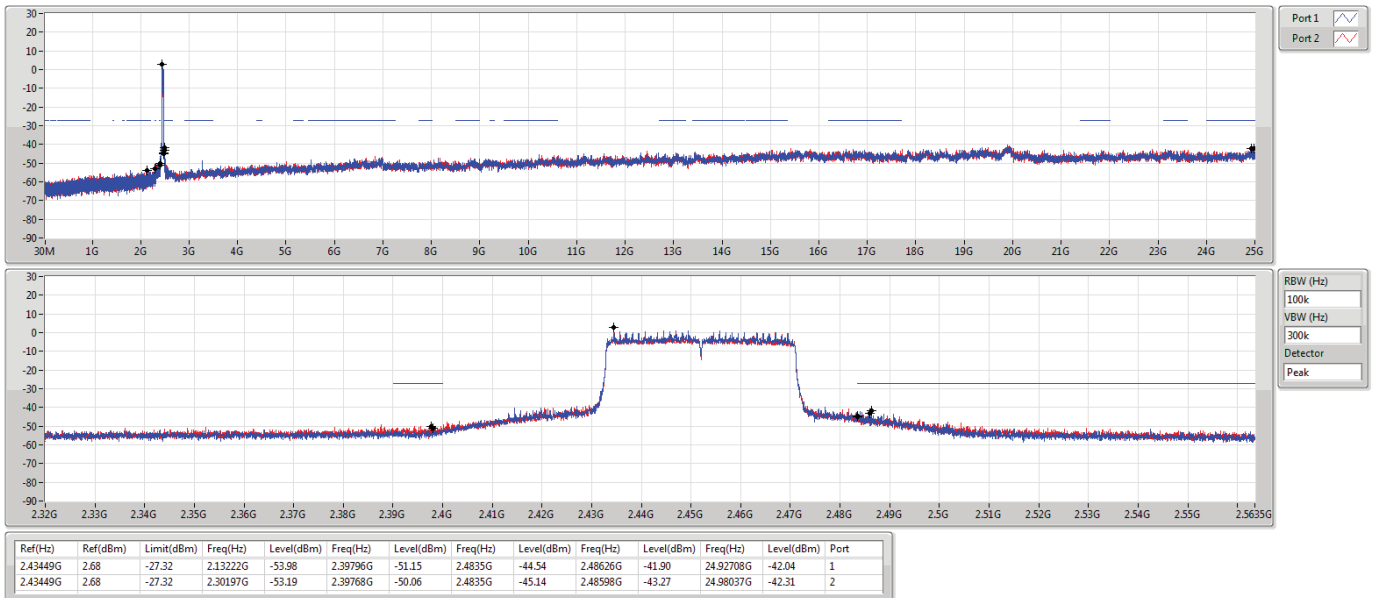


802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz

CSENdB

13/08/2020



**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	10.92	-19.08	2.30292G	-53.93	2.39998G	-40.67	2.4G	-40.82	2.51246G	-51.15	15.03729G	-41.96	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	8.91	-21.09	2.30903G	-52.34	2.39224G	-29.47	2.4G	-33.86	2.51718G	-49.10	23.54746G	-41.39	1
VHT20_Nss1,(MCS0)_2TX	Pass	2.44446G	9.07	-20.93	2.09467G	-54.25	2.39984G	-36.84	2.4G	-38.60	2.5071G	-50.70	23.55869G	-42.58	1
VHT40_Nss1,(MCS0)_2TX	Pass	2.43198G	5.22	-24.78	2.14854G	-54.22	2.39584G	-40.94	2.4835G	-41.35	2.4879G	-37.54	23.21069G	-42.73	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.442G	9.68	-20.32	2.30699G	-54.55	2.39806G	-37.56	2.4G	-41.01	2.48484G	-44.12	14.84624G	-42.31	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43449G	5.34	-24.66	2.30397G	-53.51	2.39576G	-40.35	2.4835G	-40.61	2.48918G	-36.60	24.62699G	-42.81	2

**Result**

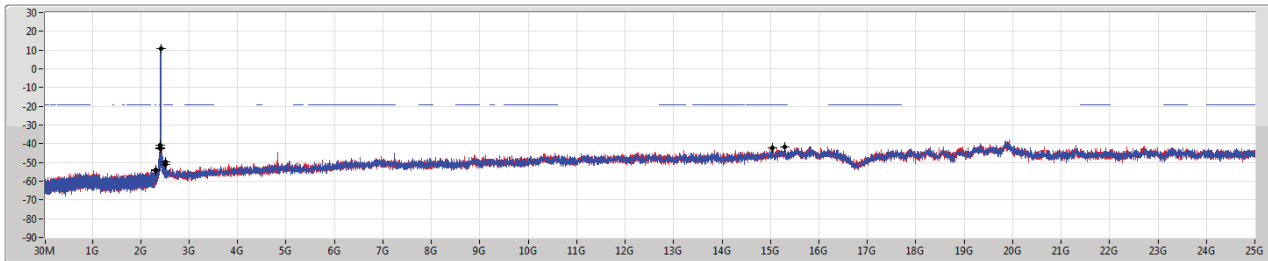
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	10.92	-19.08	2.30292G	-53.93	2.39998G	-40.67	2.4G	-40.82	2.51246G	-51.15	15.03729G	-41.96	1
2412MHz	Pass	2.41248G	10.92	-19.08	2.30991G	-54.48	2.3965G	-42.00	2.4G	-42.82	2.51136G	-49.88	15.29858G	-41.90	2
2437MHz	Pass	2.41248G	10.92	-19.08	1.97089G	-55.29	2.3904G	-50.77	2.4G	-51.12	2.48356G	-50.10	23.25807G	-41.11	1
2437MHz	Pass	2.41248G	10.92	-19.08	2.16282G	-54.72	2.39646G	-49.50	2.4G	-52.90	2.49306G	-49.77	24.42404G	-41.21	2
2462MHz	Pass	2.41248G	10.92	-19.08	2.30088G	-54.95	2.39616G	-51.80	2.4835G	-49.03	2.48596G	-45.62	16.22574G	-42.14	1
2462MHz	Pass	2.41248G	10.92	-19.08	2.17564G	-54.28	2.39368G	-51.36	2.4835G	-49.38	2.4835G	-47.28	17.49285G	-42.19	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	8.91	-21.09	2.30903G	-52.34	2.39224G	-29.47	2.4G	-33.86	2.51718G	-49.10	23.54746G	-41.39	1
2412MHz	Pass	2.43073G	8.91	-21.09	2.30845G	-52.92	2.39364G	-29.50	2.4G	-35.00	2.4876G	-49.96	14.98391G	-42.37	2
2437MHz	Pass	2.43073G	8.91	-21.09	2.1436G	-53.62	2.3966G	-42.00	2.4G	-43.79	2.48388G	-44.23	16.92532G	-42.14	1
2437MHz	Pass	2.43073G	8.91	-21.09	2.30874G	-54.07	2.39988G	-42.19	2.4G	-44.21	2.48354G	-44.52	15.07101G	-42.15	2
2462MHz	Pass	2.43073G	8.91	-21.09	2.11535G	-55.01	2.39016G	-50.25	2.4835G	-44.16	2.4842G	-36.52	16.8916G	-42.38	1
2462MHz	Pass	2.43073G	8.91	-21.09	2.04341G	-54.92	2.39876G	-49.04	2.4835G	-39.88	2.48404G	-34.24	23.13445G	-42.55	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44446G	9.07	-20.93	2.09467G	-54.25	2.39984G	-36.84	2.4G	-38.60	2.5071G	-50.70	23.55869G	-42.58	1
2412MHz	Pass	2.44446G	9.07	-20.93	2.30991G	-54.05	2.39982G	-37.80	2.4G	-38.80	2.48852G	-50.77	23.19626G	-41.87	2
2437MHz	Pass	2.44446G	9.07	-20.93	2.3035G	-53.92	2.39824G	-40.44	2.4G	-43.94	2.48434G	-44.50	17.51814G	-42.23	1
2437MHz	Pass	2.44446G	9.07	-20.93	2.30466G	-53.86	2.39922G	-38.67	2.4G	-42.07	2.48796G	-44.14	15.04291G	-42.68	2
2462MHz	Pass	2.44446G	9.07	-20.93	2.1669G	-54.82	2.39708G	-50.80	2.4835G	-44.62	2.48418G	-42.70	16.95622G	-41.25	1
2462MHz	Pass	2.44446G	9.07	-20.93	2.30874G	-54.73	2.39942G	-50.57	2.4835G	-44.65	2.48388G	-40.56	16.78203G	-41.84	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	5.22	-24.78	2.30769G	-54.04	2.39948G	-40.44	2.4G	-40.31	2.48378G	-50.09	15.21769G	-42.12	1
2422MHz	Pass	2.43198G	5.22	-24.78	2.30426G	-54.73	2.39944G	-40.52	2.4G	-43.73	2.4837G	-48.92	23.20508G	-42.38	2
2437MHz	Pass	2.43198G	5.22	-24.78	2.30254G	-54.23	2.39448G	-39.49	2.4G	-43.65	2.4945G	-42.75	16.93408G	-42.02	1
2437MHz	Pass	2.43198G	5.22	-24.78	2.30054G	-53.82	2.39544G	-38.07	2.4G	-41.72	2.48414G	-41.44	16.61155G	-41.69	2
2452MHz	Pass	2.43198G	5.22	-24.78	2.13165G	-53.64	2.39576G	-40.69	2.4835G	-43.92	2.4883G	-37.96	23.2163G	-42.34	1
2452MHz	Pass	2.43198G	5.22	-24.78	2.14854G	-54.22	2.39584G	-40.94	2.4835G	-41.35	2.4879G	-37.54	23.21069G	-42.73	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	9.68	-20.32	2.30641G	-54.44	2.39998G	-37.58	2.4G	-37.65	2.48674G	-50.29	23.20188G	-42.80	1
2412MHz	Pass	2.442G	9.68	-20.32	2.30699G	-53.59	2.3996G	-39.12	2.4G	-39.55	2.49068G	-50.96	16.94498G	-41.69	2
2437MHz	Pass	2.442G	9.68	-20.32	2.1602G	-55.06	2.3988G	-39.10	2.4G	-41.58	2.48904G	-44.62	16.90284G	-41.13	1
2437MHz	Pass	2.442G	9.68	-20.32	2.30699G	-54.55	2.39806G	-37.56	2.4G	-41.01	2.48484G	-44.12	14.84624G	-42.31	2
2462MHz	Pass	2.442G	9.68	-20.32	1.88177G	-54.72	2.39656G	-50.80	2.4835G	-43.97	2.48378G	-41.63	16.57693G	-42.33	1
2462MHz	Pass	2.442G	9.68	-20.32	2.30758G	-54.44	2.39446G	-50.53	2.4835G	-45.44	2.48456G	-42.33	16.7736G	-42.36	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	5.34	-24.66	2.3034G	-54.15	2.39956G	-37.53	2.4G	-43.25	2.49138G	-50.03	23.26678G	-41.99	1
2422MHz	Pass	2.43449G	5.34	-24.66	2.30512G	-53.84	2.39956G	-40.16	2.4G	-42.01	2.48742G	-48.32	16.8275G	-42.08	2
2437MHz	Pass	2.43449G	5.34	-24.66	2.12993G	-54.33	2.39852G	-39.50	2.4G	-41.57	2.49822G	-42.12	17.23978G	-42.71	1
2437MHz	Pass	2.43449G	5.34	-24.66	2.15827G	-54.79	2.39912G	-38.59	2.4G	-41.13	2.48682G	-38.60	17.03224G	-42.88	2
2452MHz	Pass	2.43449G	5.34	-24.66	2.30626G	-54.90	2.39572G	-41.31	2.4835G	-43.63	2.49086G	-39.50	24.86258G	-41.40	1
2452MHz	Pass	2.43449G	5.34	-24.66	2.30397G	-53.51	2.39576G	-40.35	2.4835G	-40.61	2.48918G	-36.60	24.62699G	-42.81	2

802.11b_Nss1,(1Mbps)_2TX

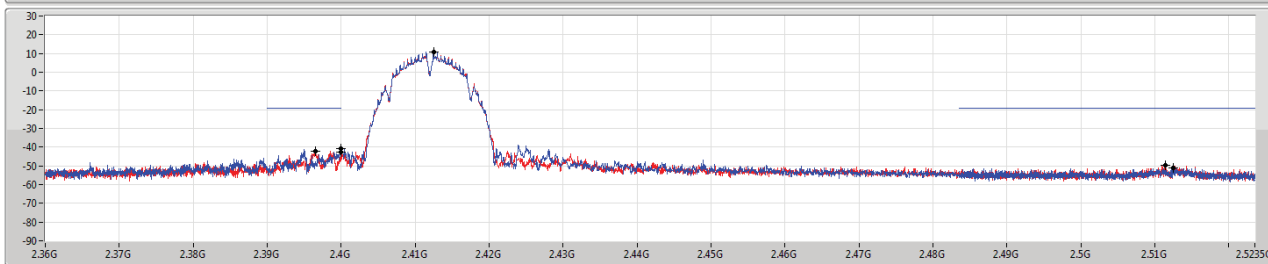
CSENdB

2412MHz

14/09/2020



Port 1
Port 2



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

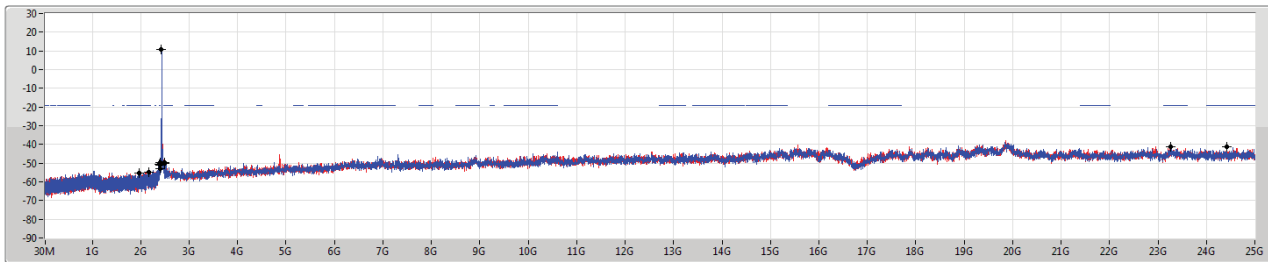
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2.41248G	10.92	-19.08	2.30292G	-53.93	2.39998G	-40.67	2.4G	-40.82	2.51246G	-51.15	15.03729G	-41.96	1
2.41248G	10.92	-19.08	2.30991G	-54.48	2.3965G	-42.00	2.4G	-42.82	2.51136G	-49.88	15.29858G	-41.90	2

802.11b_Nss1,(1Mbps)_2TX

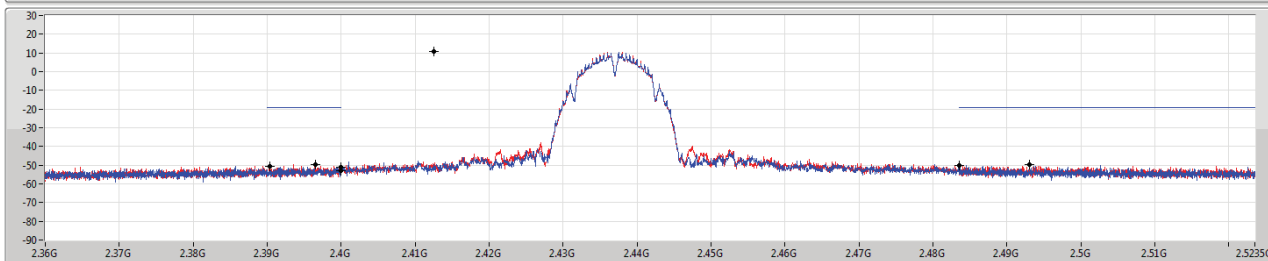
CSENdB

2437MHz

14/09/2020



Port 1
Port 2



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

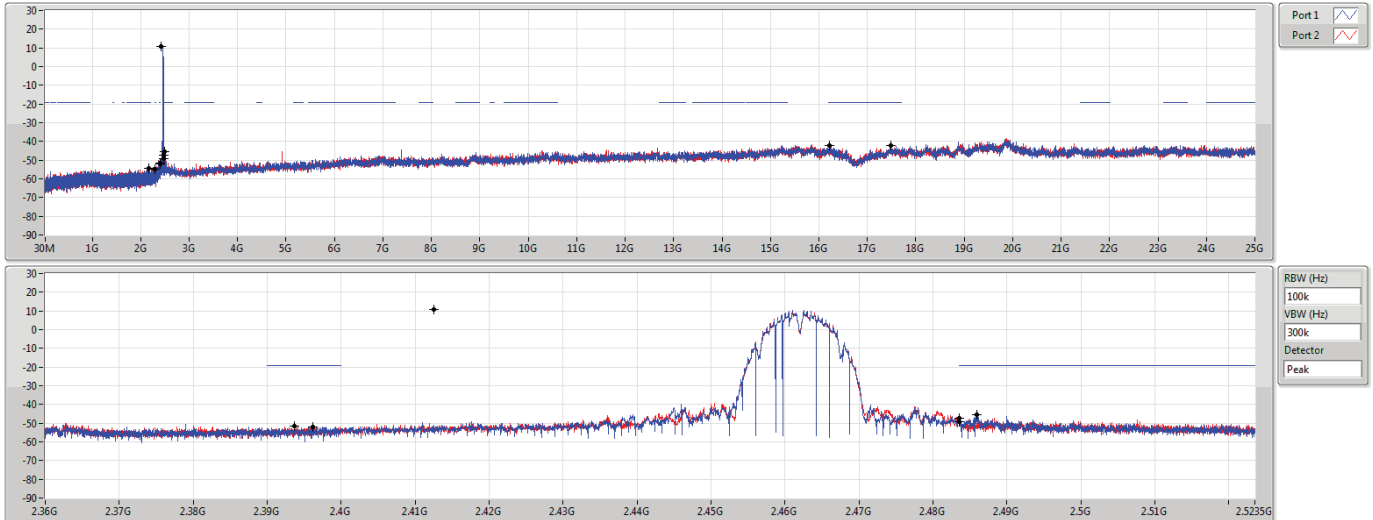
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	10.92	-19.08	1.97089G	-55.29	2.3904G	-50.77	2.4G	-51.12	2.48356G	-50.10	23.25807G	-41.11	1
2.41248G	10.92	-19.08	2.16282G	-54.72	2.39646G	-49.50	2.4G	-52.90	2.49306G	-49.77	24.42404G	-41.21	2

802.11b_Nss1,(1Mbps)_2TX

2462MHz

CSEndB

14/09/2020

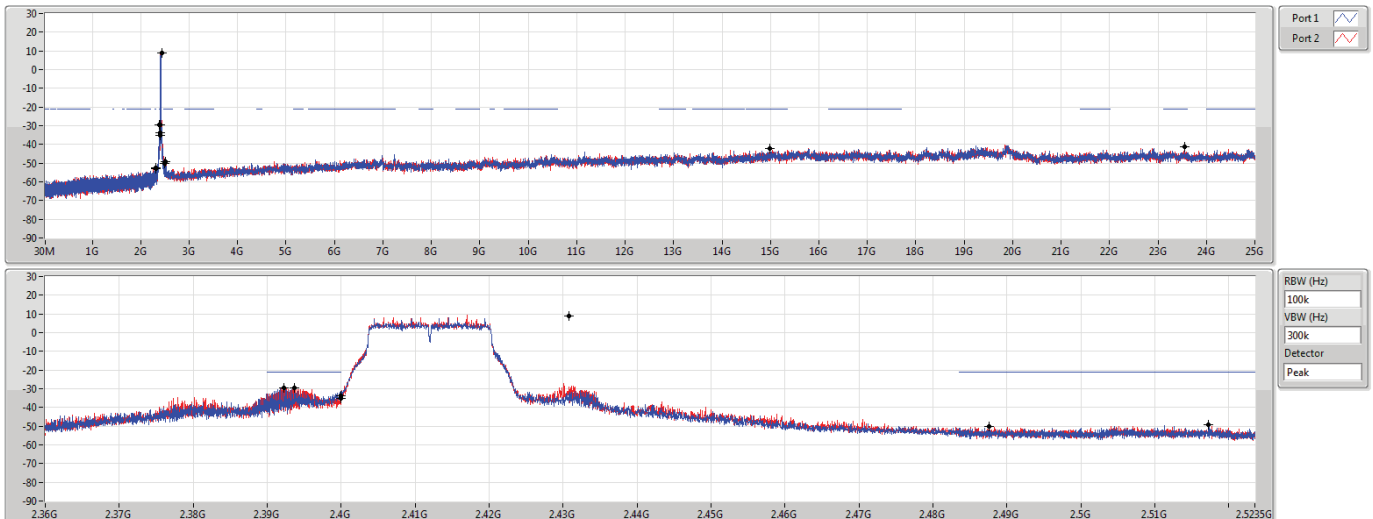


802.11g_Nss1,(6Mbps)_2TX

2412MHz

CSEndB

13/08/2020

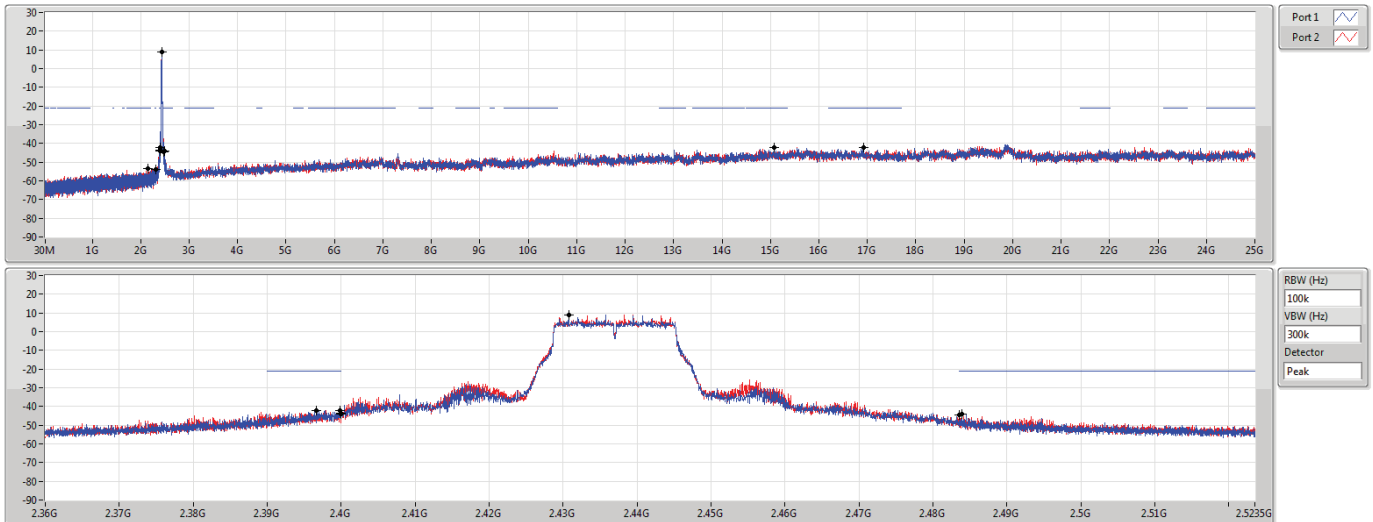


802.11g_Nss1,(6Mbps)_2TX

2437MHz

CSENdB

13/08/2020

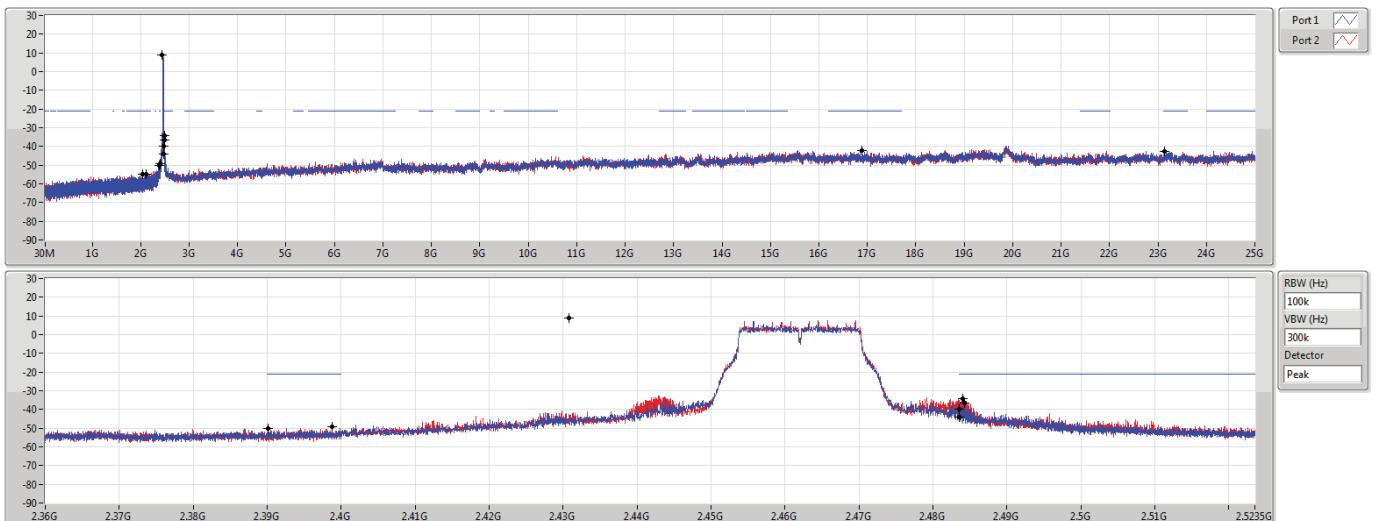


802.11g_Nss1,(6Mbps)_2TX

2462MHz

CSENdB

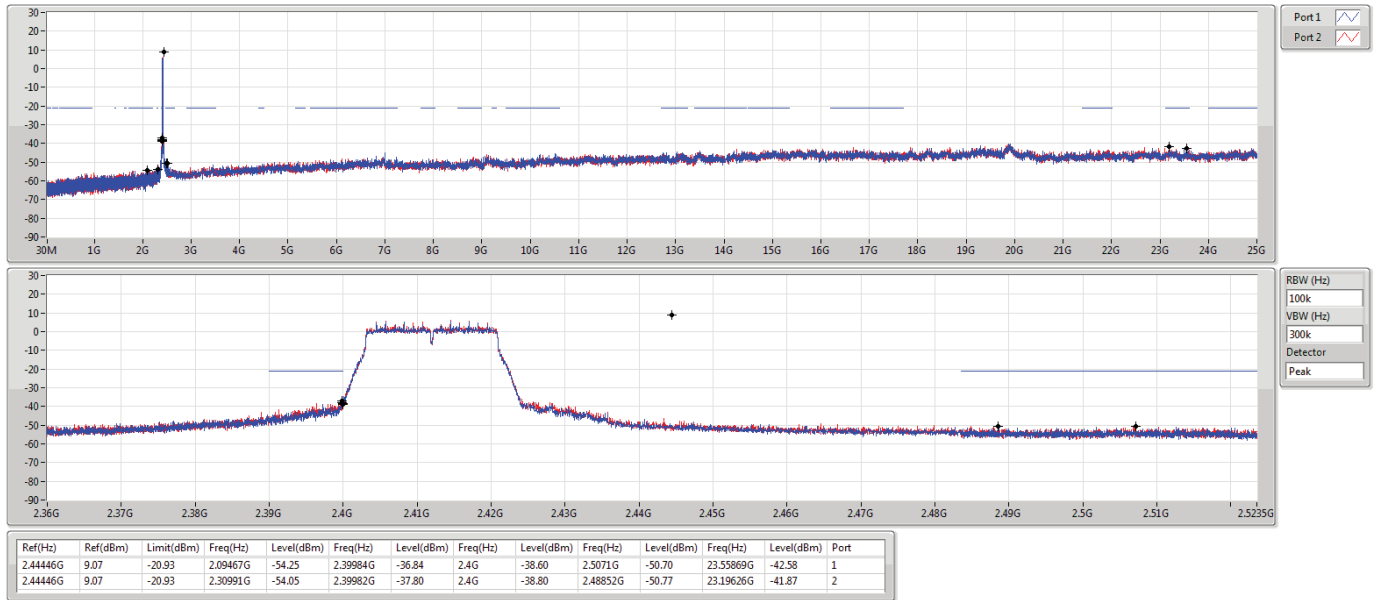
13/08/2020



VHT20_Nss1,(MCS0)_2TX

2412MHz

CSENdB



VHT20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

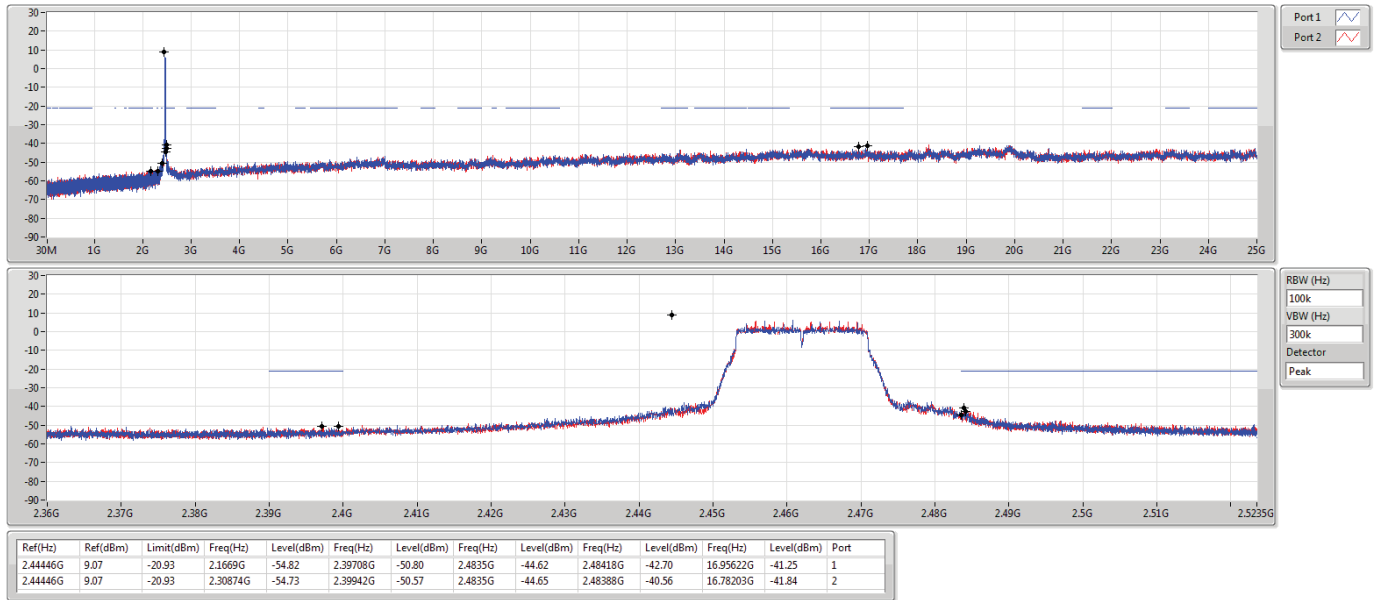


VHT20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

13/08/2020

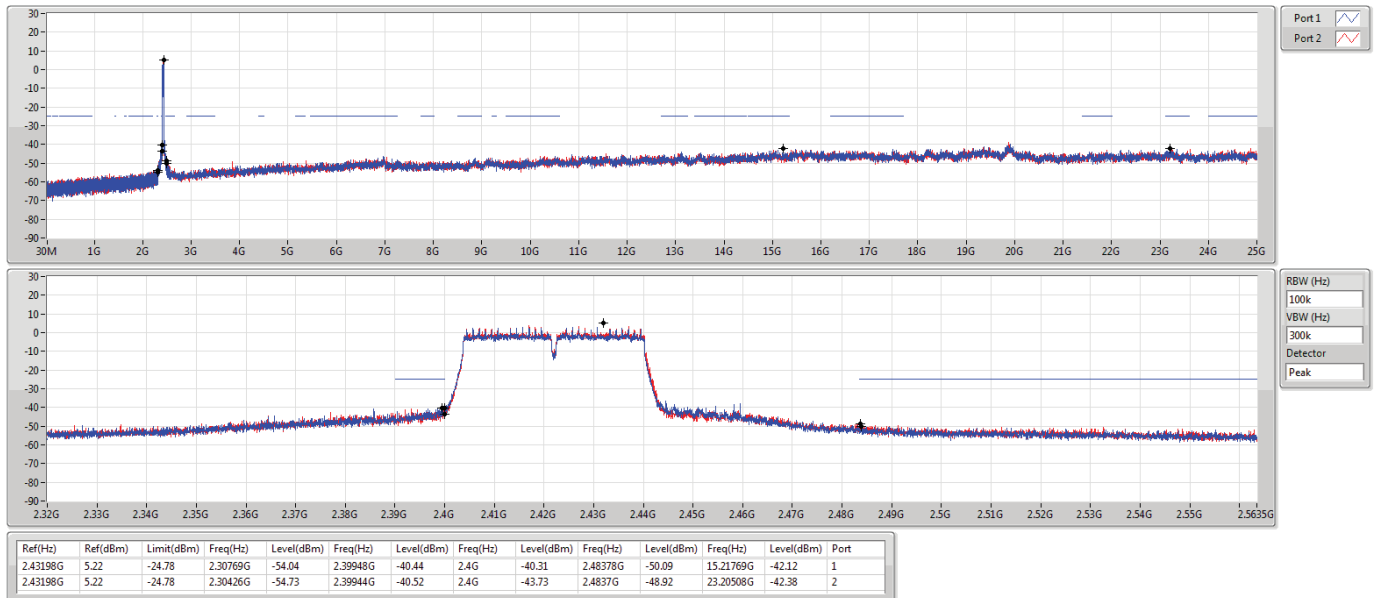


VHT40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

13/08/2020



VHT40_Nss1,(MCS0)_2TX

2437MHz

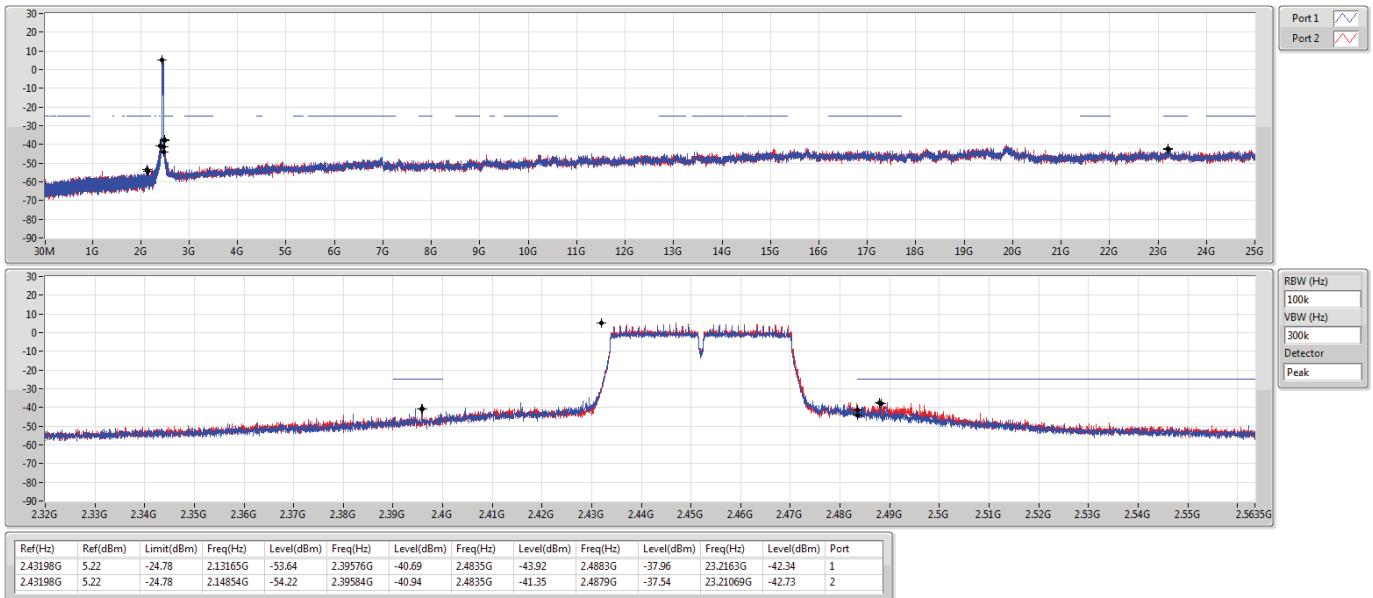
CSENdB



VHT40_Nss1,(MCS0)_2TX

2452MHz

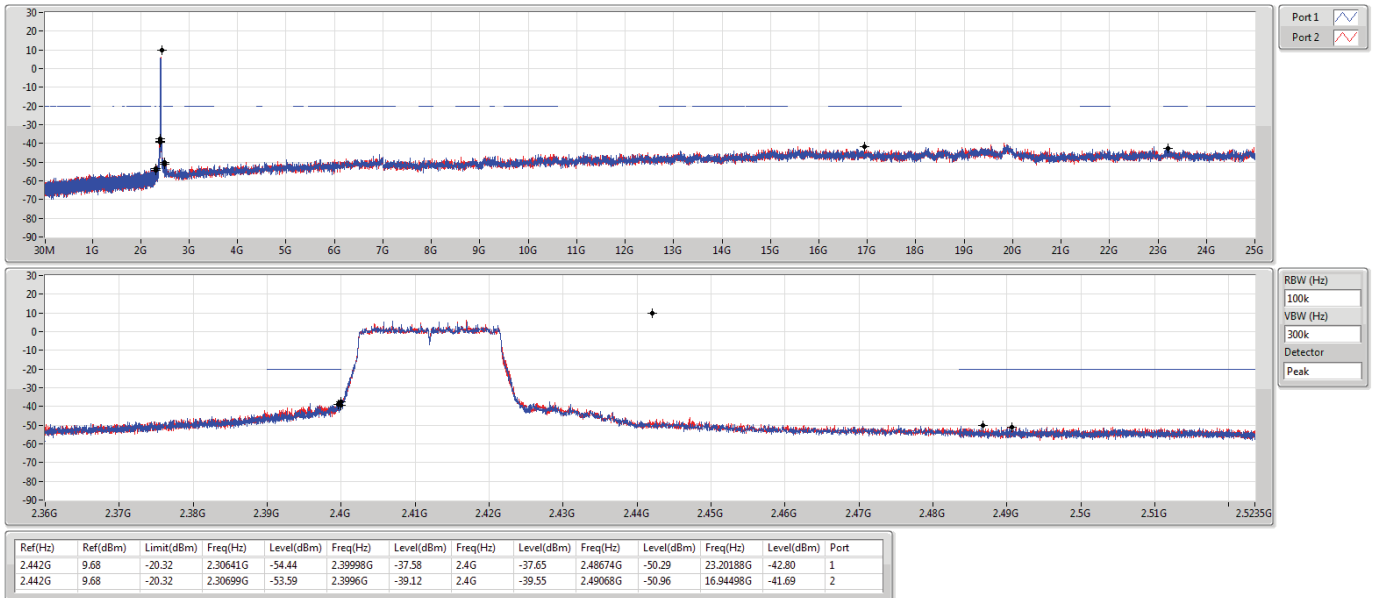
CSENdB



802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz

CSENdB



802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz

CSENdB

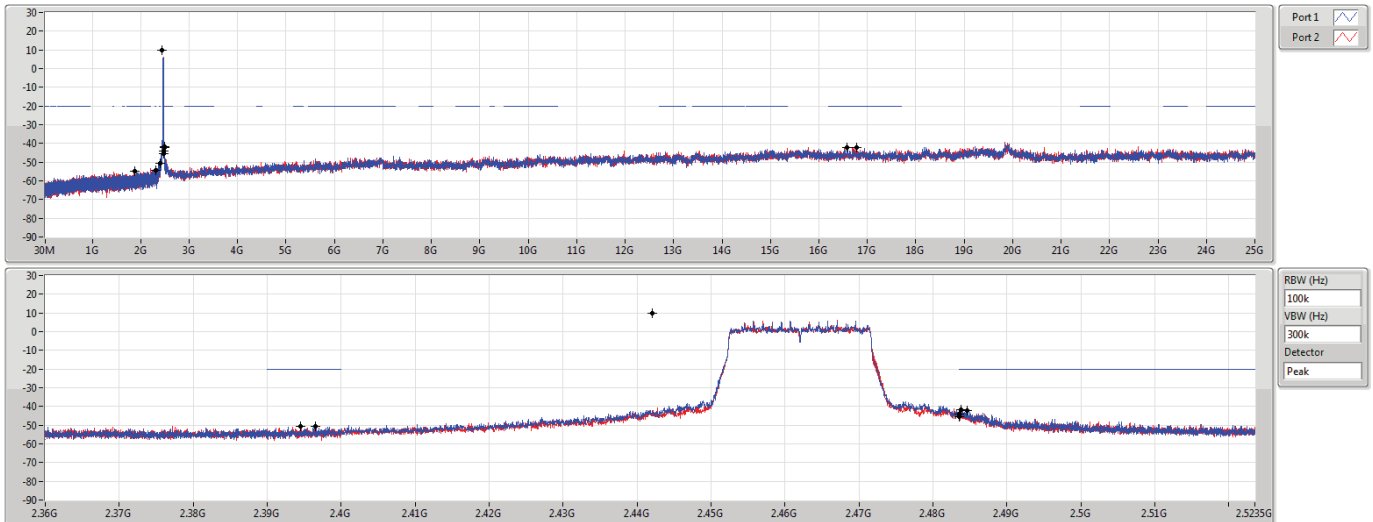


802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz

CSENdB

13/08/2020

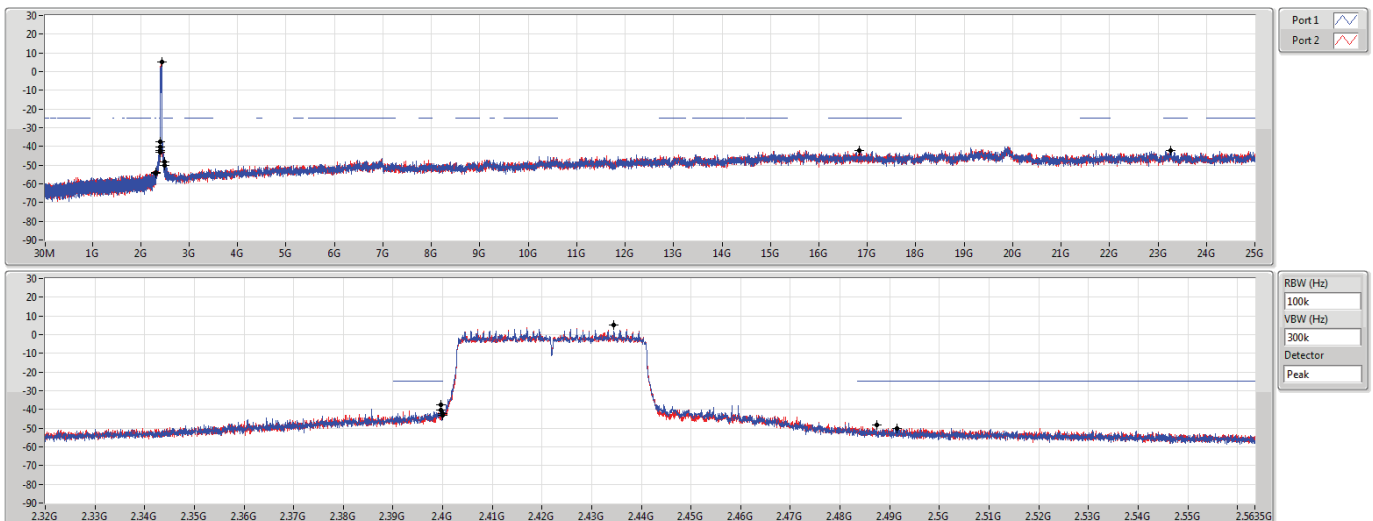


802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz

CSENdB

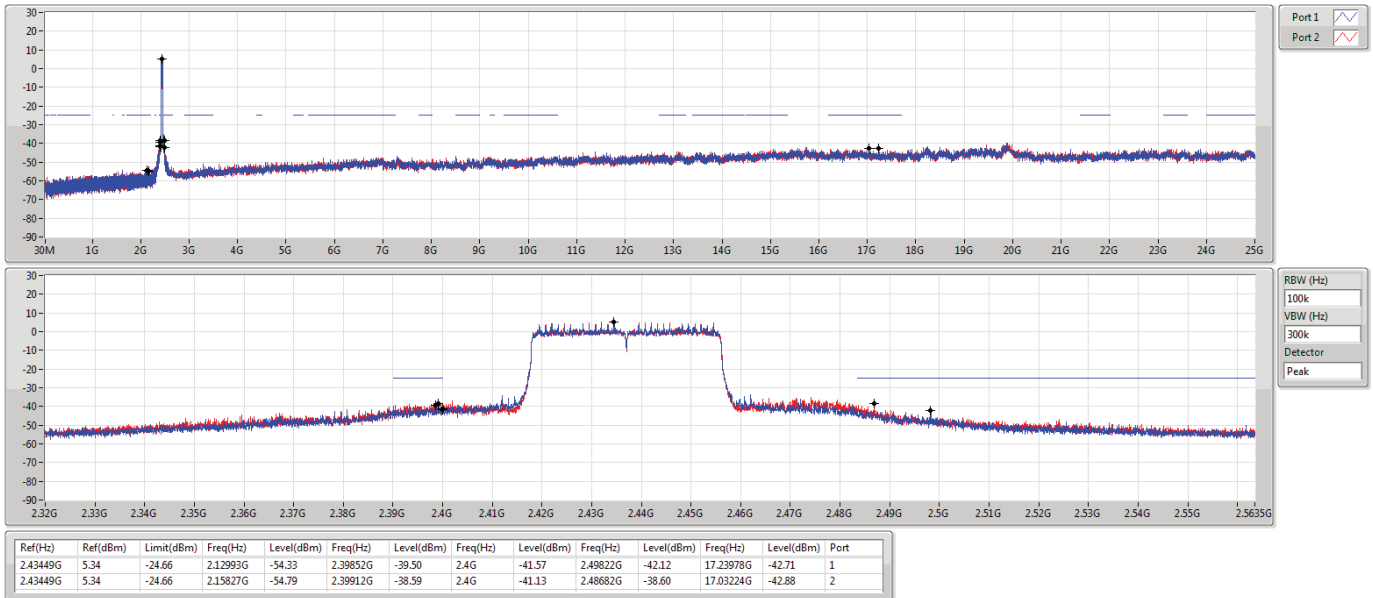
13/08/2020



802.11ax HEW40_Nss1,(MCS0)_2TX

CSENdB

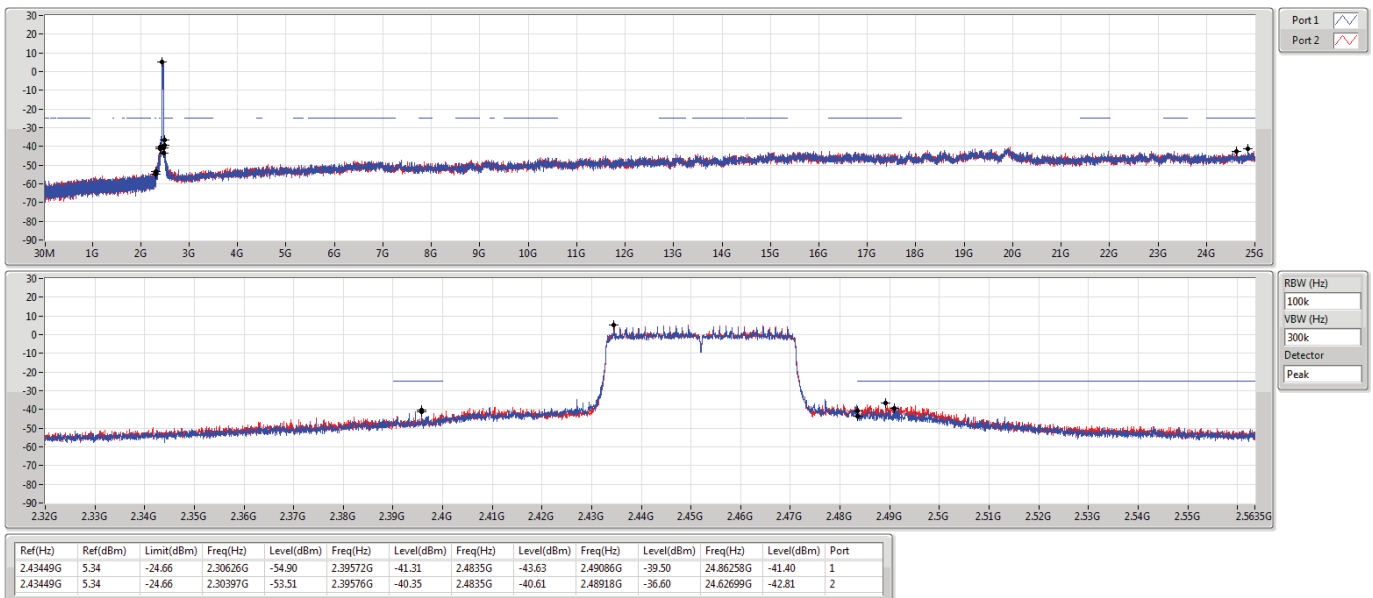
2437MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

CSENdB

2452MHz





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	61.04M	33.26	40.00	-6.74	3	Vertical	107	1.00	-

**Result**

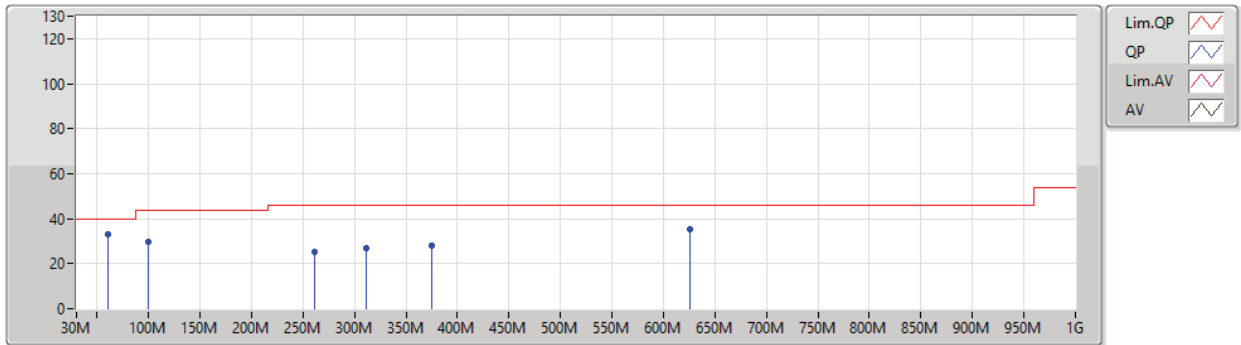
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	99.84M	29.51	43.50	-13.99	3	Vertical	0	1.00	-
2437MHz	Pass	PK	260.86M	25.04	46.00	-20.96	3	Vertical	0	1.00	-
2437MHz	Pass	PK	311.3M	26.91	46.00	-19.09	3	Vertical	0	1.00	-
2437MHz	Pass	PK	375.32M	28.24	46.00	-17.76	3	Vertical	0	1.00	-
2437MHz	Pass	PK	625.58M	35.23	46.00	-10.77	3	Vertical	0	1.00	-
2437MHz	Pass	QP	61.04M	33.26	40.00	-6.74	3	Vertical	107	1.00	-
2437MHz	Pass	PK	30M	32.37	40.00	-7.63	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	61.04M	30.11	40.00	-9.89	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	99.84M	27.20	43.50	-16.30	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	355.92M	26.74	46.00	-19.26	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	375.32M	29.88	46.00	-16.12	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	499.48M	30.21	46.00	-15.79	3	Horizontal	0	1.00	-



802.11ax HEW40_Nss1,(MCS0)_2TX

12/08/2020

2437MHz_Adapter

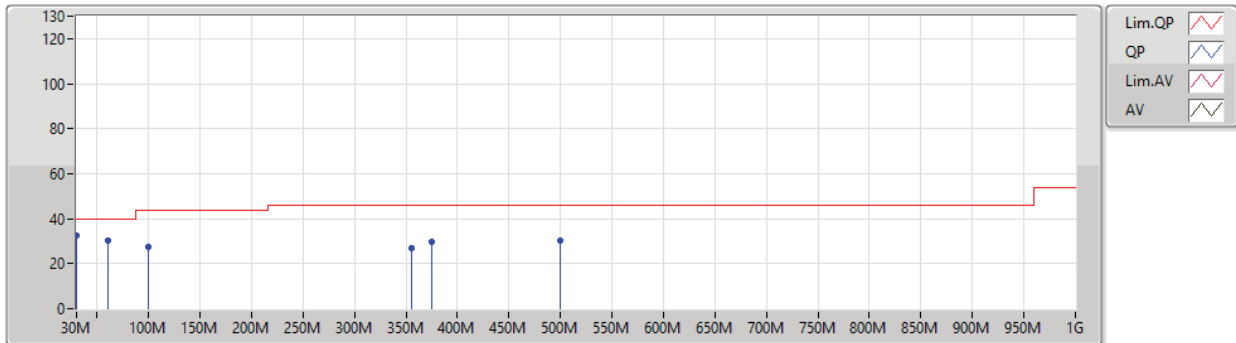


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	99.84M	29.51	43.50	-13.99	-9.86	3	Vertical	0	1.00	-	39.37	15.93	1.60	27.39
PK	260.86M	25.04	46.00	-20.96	-5.22	3	Vertical	0	1.00	-	30.26	18.81	2.67	26.70
PK	311.3M	26.91	46.00	-19.09	-5.09	3	Vertical	0	1.00	-	32.00	18.68	2.95	26.72
PK	375.32M	28.24	46.00	-17.76	-3.85	3	Vertical	0	1.00	-	32.09	20.05	3.20	27.10
PK	625.58M	35.23	46.00	-10.77	-0.01	3	Vertical	0	1.00	-	35.24	23.85	4.20	28.06
QP	61.04M	33.26	40.00	-6.74	-14.99	3	Vertical	107	1.00	-	48.25	11.28	1.22	27.49

802.11ax HEW40_Nss1,(MCS0)_2TX

12/08/2020

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	32.37	40.00	-7.63	-3.35	3	Horizontal	0	1.00	-	35.72	23.33	0.90	27.58
PK	61.04M	30.11	40.00	-9.89	-14.99	3	Horizontal	0	1.00	-	45.10	11.28	1.22	27.49
PK	99.84M	27.20	43.50	-16.30	-9.86	3	Horizontal	0	1.00	-	37.06	15.93	1.60	27.39
PK	355.92M	26.74	46.00	-19.26	-4.17	3	Horizontal	0	1.00	-	30.91	19.69	3.12	26.98
PK	375.32M	29.88	46.00	-16.12	-3.85	3	Horizontal	0	1.00	-	33.73	20.05	3.20	27.10
PK	499.48M	30.21	46.00	-15.79	-1.62	3	Horizontal	0	1.00	-	31.83	22.47	3.70	27.79

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	7.31022G	52.71	54.00	-1.29	3	Horizontal	7	1.85	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.3864G	72.54	74.00	-1.46	3	Horizontal	303	1.21	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	2.3886G	72.89	74.00	-1.11	3	Horizontal	304	1.20	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Horizontal	302	1.01	-

**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	2.3852G	49.74	54.00	-4.26	3	Vertical	355	1.23	-
2412MHz	Pass	AV	2.4112G	109.76	Inf	-Inf	3	Vertical	355	1.23	-
2412MHz	Pass	PK	2.3856G	61.32	74.00	-12.68	3	Vertical	355	1.23	-
2412MHz	Pass	PK	2.411G	113.62	Inf	-Inf	3	Vertical	355	1.23	-
2412MHz	Pass	AV	2.39G	50.30	54.00	-3.70	3	Horizontal	17	1.37	-
2412MHz	Pass	AV	2.4112G	113.40	Inf	-Inf	3	Horizontal	17	1.37	-
2412MHz	Pass	PK	2.39G	61.76	74.00	-12.24	3	Horizontal	17	1.37	-
2412MHz	Pass	PK	2.413G	117.33	Inf	-Inf	3	Horizontal	17	1.37	-
2412MHz	Pass	AV	4.82396G	52.21	54.00	-1.79	3	Vertical	0	2.99	-
2412MHz	Pass	PK	4.82404G	55.41	74.00	-18.59	3	Vertical	0	2.99	-
2412MHz	Pass	AV	4.824G	52.27	54.00	-1.73	3	Horizontal	10	1.25	-
2412MHz	Pass	PK	4.82396G	55.96	74.00	-18.04	3	Horizontal	10	1.25	-
2437MHz	Pass	AV	2.3858G	46.18	54.00	-7.82	3	Vertical	340	1.34	-
2437MHz	Pass	AV	2.4358G	105.44	Inf	-Inf	3	Vertical	340	1.34	-
2437MHz	Pass	AV	2.4842G	44.79	54.00	-9.21	3	Vertical	340	1.34	-
2437MHz	Pass	PK	2.3842G	57.61	74.00	-16.39	3	Vertical	340	1.34	-
2437MHz	Pass	PK	2.4378G	109.72	Inf	-Inf	3	Vertical	340	1.34	-
2437MHz	Pass	PK	2.499G	57.03	74.00	-16.97	3	Vertical	340	1.34	-
2437MHz	Pass	AV	2.3878G	46.65	54.00	-7.35	3	Horizontal	15	1.31	-
2437MHz	Pass	AV	2.4382G	110.40	Inf	-Inf	3	Horizontal	15	1.31	-
2437MHz	Pass	AV	2.4882G	47.51	54.00	-6.49	3	Horizontal	15	1.31	-
2437MHz	Pass	PK	2.389G	58.31	74.00	-15.69	3	Horizontal	15	1.31	-
2437MHz	Pass	PK	2.4378G	114.68	Inf	-Inf	3	Horizontal	15	1.31	-
2437MHz	Pass	PK	2.4846G	59.53	74.00	-14.47	3	Horizontal	15	1.31	-
2437MHz	Pass	AV	4.87396G	46.55	54.00	-7.45	3	Vertical	0	2.25	-
2437MHz	Pass	AV	7.30973G	50.46	54.00	-3.54	3	Vertical	18	1.81	-
2437MHz	Pass	PK	4.87404G	51.02	74.00	-22.98	3	Vertical	0	2.25	-
2437MHz	Pass	PK	7.31193G	58.06	74.00	-15.94	3	Vertical	18	1.81	-
2437MHz	Pass	AV	4.87397G	45.07	54.00	-8.93	3	Horizontal	0	1.65	-
2437MHz	Pass	AV	7.31022G	52.71	54.00	-1.29	3	Horizontal	7	1.85	-
2437MHz	Pass	PK	4.87394G	50.37	74.00	-23.63	3	Horizontal	0	1.65	-
2437MHz	Pass	PK	7.30994G	59.17	74.00	-14.83	3	Horizontal	7	1.85	-
2462MHz	Pass	AV	2.4612G	107.09	Inf	-Inf	3	Vertical	0	1.01	-
2462MHz	Pass	AV	2.4856G	47.37	54.00	-6.63	3	Vertical	0	1.01	-
2462MHz	Pass	PK	2.463G	110.84	Inf	-Inf	3	Vertical	0	1.01	-
2462MHz	Pass	PK	2.4842G	58.62	74.00	-15.38	3	Vertical	0	1.01	-
2462MHz	Pass	AV	2.4612G	111.90	Inf	-Inf	3	Horizontal	14	1.83	-
2462MHz	Pass	AV	2.4888G	49.35	54.00	-4.65	3	Horizontal	14	1.83	-
2462MHz	Pass	PK	2.461G	115.73	Inf	-Inf	3	Horizontal	14	1.83	-
2462MHz	Pass	PK	2.4908G	60.67	74.00	-13.33	3	Horizontal	14	1.83	-
2462MHz	Pass	AV	4.92397G	43.99	54.00	-10.01	3	Vertical	353	2.62	-
2462MHz	Pass	AV	7.38525G	50.63	54.00	-3.37	3	Vertical	25	2.91	-
2462MHz	Pass	PK	4.92392G	50.10	74.00	-23.90	3	Vertical	353	2.62	-
2462MHz	Pass	PK	7.385G	58.21	74.00	-15.79	3	Vertical	25	2.91	-
2462MHz	Pass	AV	4.92397G	45.22	54.00	-8.78	3	Horizontal	20	1.51	-
2462MHz	Pass	AV	7.38522G	52.33	54.00	-1.67	3	Horizontal	0	2.12	-
2462MHz	Pass	PK	4.92403G	50.73	74.00	-23.27	3	Horizontal	20	1.51	-



RSE TX above 1GHz_Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.38658G	58.84	74.00	-15.16	3	Horizontal	0	2.12	-
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.30	54.00	-3.70	3	Vertical	19	1.16	-
2412MHz	Pass	AV	2.4094G	99.97	Inf	-Inf	3	Vertical	19	1.16	-
2412MHz	Pass	PK	2.3894G	70.22	74.00	-3.78	3	Vertical	19	1.16	-
2412MHz	Pass	PK	2.4088G	108.30	Inf	-Inf	3	Vertical	19	1.16	-
2412MHz	Pass	AV	2.3896G	51.30	54.00	-2.70	3	Horizontal	304	1.25	-
2412MHz	Pass	AV	2.4072G	102.85	Inf	-Inf	3	Horizontal	304	1.25	-
2412MHz	Pass	PK	2.388G	72.20	74.00	-1.80	3	Horizontal	304	1.25	-
2412MHz	Pass	PK	2.4076G	111.08	Inf	-Inf	3	Horizontal	304	1.25	-
2412MHz	Pass	AV	4.8252G	41.05	54.00	-12.95	3	Vertical	354	2.24	-
2412MHz	Pass	PK	4.82504G	52.56	74.00	-21.44	3	Vertical	354	2.24	-
2412MHz	Pass	AV	4.82608G	42.04	54.00	-11.96	3	Horizontal	19	1.08	-
2412MHz	Pass	PK	4.82152G	54.15	74.00	-19.85	3	Horizontal	19	1.08	-
2417MHz	Pass	AV	2.3892G	49.63	54.00	-4.37	3	Vertical	21	1.18	-
2417MHz	Pass	AV	2.412G	100.11	Inf	-Inf	3	Vertical	21	1.18	-
2417MHz	Pass	PK	2.3876G	68.19	74.00	-5.81	3	Vertical	21	1.18	-
2417MHz	Pass	PK	2.4126G	108.52	Inf	-Inf	3	Vertical	21	1.18	-
2417MHz	Pass	AV	2.39G	50.92	54.00	-3.08	3	Horizontal	303	1.21	-
2417MHz	Pass	AV	2.42G	103.22	Inf	-Inf	3	Horizontal	303	1.21	-
2417MHz	Pass	PK	2.3864G	72.54	74.00	-1.46	3	Horizontal	303	1.21	-
2417MHz	Pass	PK	2.4144G	111.71	Inf	-Inf	3	Horizontal	303	1.21	-
2437MHz	Pass	AV	2.387G	48.65	54.00	-5.35	3	Vertical	16	1.28	-
2437MHz	Pass	AV	2.4394G	99.80	Inf	-Inf	3	Vertical	16	1.28	-
2437MHz	Pass	AV	2.4835G	49.00	54.00	-5.00	3	Vertical	16	1.28	-
2437MHz	Pass	PK	2.3886G	62.13	74.00	-11.87	3	Vertical	16	1.28	-
2437MHz	Pass	PK	2.4346G	108.28	Inf	-Inf	3	Vertical	16	1.28	-
2437MHz	Pass	PK	2.4854G	62.52	74.00	-11.48	3	Vertical	16	1.28	-
2437MHz	Pass	AV	2.3898G	49.64	54.00	-4.36	3	Horizontal	304	1.08	-
2437MHz	Pass	AV	2.4326G	103.65	Inf	-Inf	3	Horizontal	304	1.08	-
2437MHz	Pass	AV	2.491G	49.26	54.00	-4.74	3	Horizontal	304	1.08	-
2437MHz	Pass	PK	2.3882G	61.91	74.00	-12.09	3	Horizontal	304	1.08	-
2437MHz	Pass	PK	2.4326G	111.96	Inf	-Inf	3	Horizontal	304	1.08	-
2437MHz	Pass	PK	2.4846G	62.73	74.00	-11.27	3	Horizontal	304	1.08	-
2437MHz	Pass	AV	4.87586G	37.26	54.00	-16.74	3	Vertical	345	2.16	-
2437MHz	Pass	AV	7.3104G	51.59	54.00	-2.41	3	Vertical	0	2.53	-
2437MHz	Pass	PK	4.86968G	51.81	74.00	-22.19	3	Vertical	345	2.16	-
2437MHz	Pass	PK	7.31058G	65.21	74.00	-8.79	3	Vertical	0	2.53	-
2437MHz	Pass	AV	4.8749G	39.47	54.00	-14.53	3	Horizontal	9	1.28	-
2437MHz	Pass	AV	7.3113G	48.18	54.00	-5.82	3	Horizontal	22	2.18	-
2437MHz	Pass	PK	4.86932G	54.27	74.00	-19.73	3	Horizontal	9	1.28	-
2437MHz	Pass	PK	7.3116G	62.15	74.00	-11.85	3	Horizontal	22	2.18	-
2457MHz	Pass	AV	2.4522G	99.98	Inf	-Inf	3	Vertical	24	1.54	-
2457MHz	Pass	AV	2.4836G	49.99	54.00	-4.01	3	Vertical	24	1.54	-
2457MHz	Pass	PK	2.4564G	108.38	Inf	-Inf	3	Vertical	24	1.54	-
2457MHz	Pass	PK	2.4862G	67.91	74.00	-6.09	3	Vertical	24	1.54	-
2457MHz	Pass	AV	2.4546G	102.79	Inf	-Inf	3	Horizontal	0	2.07	-
2457MHz	Pass	AV	2.4858G	50.24	54.00	-3.76	3	Horizontal	0	2.07	-
2457MHz	Pass	PK	2.4544G	111.26	Inf	-Inf	3	Horizontal	0	2.07	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4836G	68.58	74.00	-5.42	3	Horizontal	0	2.07	-
2462MHz	Pass	AV	2.4572G	99.23	Inf	-Inf	3	Vertical	18	1.29	-
2462MHz	Pass	AV	2.4835G	50.88	54.00	-3.12	3	Vertical	18	1.29	-
2462MHz	Pass	PK	2.467G	107.82	Inf	-Inf	3	Vertical	18	1.29	-
2462MHz	Pass	PK	2.4835G	71.14	74.00	-2.86	3	Vertical	18	1.29	-
2462MHz	Pass	AV	2.4592G	101.86	Inf	-Inf	3	Horizontal	0	1.55	-
2462MHz	Pass	AV	2.4835G	52.07	54.00	-1.93	3	Horizontal	0	1.55	-
2462MHz	Pass	PK	2.4594G	110.81	Inf	-Inf	3	Horizontal	0	1.55	-
2462MHz	Pass	PK	2.4854G	71.19	74.00	-2.81	3	Horizontal	0	1.55	-
2462MHz	Pass	AV	4.92488G	39.89	54.00	-14.11	3	Vertical	360	1.96	-
2462MHz	Pass	AV	7.38784G	49.90	54.00	-4.10	3	Vertical	13	1.59	-
2462MHz	Pass	PK	4.92496G	51.86	74.00	-22.14	3	Vertical	360	1.96	-
2462MHz	Pass	PK	7.38768G	64.71	74.00	-9.29	3	Vertical	13	1.59	-
2462MHz	Pass	AV	4.92616G	41.13	54.00	-12.87	3	Horizontal	20	1.27	-
2462MHz	Pass	AV	7.38736G	46.86	54.00	-7.14	3	Horizontal	287	1.67	-
2462MHz	Pass	PK	4.92168G	52.85	74.00	-21.15	3	Horizontal	20	1.27	-
2462MHz	Pass	PK	7.3876G	61.16	74.00	-12.84	3	Horizontal	287	1.67	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.41	54.00	-4.59	3	Vertical	21	1.17	-
2412MHz	Pass	AV	2.4094G	96.63	Inf	-Inf	3	Vertical	21	1.17	-
2412MHz	Pass	PK	2.39G	70.86	74.00	-3.14	3	Vertical	21	1.17	-
2412MHz	Pass	PK	2.409G	108.06	Inf	-Inf	3	Vertical	21	1.17	-
2412MHz	Pass	AV	2.389G	51.10	54.00	-2.90	3	Horizontal	304	1.20	-
2412MHz	Pass	AV	2.416G	99.61	Inf	-Inf	3	Horizontal	304	1.20	-
2412MHz	Pass	PK	2.3886G	72.89	74.00	-1.11	3	Horizontal	304	1.20	-
2412MHz	Pass	PK	2.4136G	111.18	Inf	-Inf	3	Horizontal	304	1.20	-
2412MHz	Pass	AV	4.8272G	38.54	54.00	-15.46	3	Vertical	353	2.20	-
2412MHz	Pass	PK	4.82672G	50.25	74.00	-23.75	3	Vertical	353	2.20	-
2412MHz	Pass	AV	4.82408G	38.63	54.00	-15.37	3	Horizontal	4	1.08	-
2412MHz	Pass	PK	4.826G	50.13	74.00	-23.87	3	Horizontal	4	1.08	-
2417MHz	Pass	AV	2.3898G	50.71	54.00	-3.29	3	Vertical	22	1.16	-
2417MHz	Pass	AV	2.4132G	99.57	Inf	-Inf	3	Vertical	22	1.16	-
2417MHz	Pass	PK	2.3884G	70.84	74.00	-3.16	3	Vertical	22	1.16	-
2417MHz	Pass	PK	2.4108G	111.73	Inf	-Inf	3	Vertical	22	1.16	-
2417MHz	Pass	AV	2.3898G	52.85	54.00	-1.15	3	Horizontal	309	1.21	-
2417MHz	Pass	AV	2.4198G	102.70	Inf	-Inf	3	Horizontal	309	1.21	-
2417MHz	Pass	PK	2.3882G	70.68	74.00	-3.32	3	Horizontal	309	1.21	-
2417MHz	Pass	PK	2.4222G	113.32	Inf	-Inf	3	Horizontal	309	1.21	-
2437MHz	Pass	AV	2.3886G	49.16	54.00	-4.84	3	Vertical	0	1.29	-
2437MHz	Pass	AV	2.4394G	100.02	Inf	-Inf	3	Vertical	0	1.29	-
2437MHz	Pass	AV	2.4854G	49.27	54.00	-4.73	3	Vertical	0	1.29	-
2437MHz	Pass	PK	2.3894G	61.87	74.00	-12.13	3	Vertical	0	1.29	-
2437MHz	Pass	PK	2.4386G	111.78	Inf	-Inf	3	Vertical	0	1.29	-
2437MHz	Pass	PK	2.485G	63.00	74.00	-11.00	3	Vertical	0	1.29	-
2437MHz	Pass	AV	2.3898G	50.09	54.00	-3.91	3	Horizontal	300	1.00	-
2437MHz	Pass	AV	2.4386G	103.37	Inf	-Inf	3	Horizontal	300	1.00	-
2437MHz	Pass	AV	2.4854G	49.77	54.00	-4.23	3	Horizontal	300	1.00	-
2437MHz	Pass	PK	2.3894G	66.03	74.00	-7.97	3	Horizontal	300	1.00	-
2437MHz	Pass	PK	2.4382G	114.88	Inf	-Inf	3	Horizontal	300	1.00	-



RSE TX above 1GHz_Radio 1

Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4846G	65.28	74.00	-8.72	3	Horizontal	300	1.00	-
2437MHz	Pass	AV	4.87268G	36.93	54.00	-17.07	3	Vertical	345	2.25	-
2437MHz	Pass	AV	7.31184G	51.33	54.00	-2.67	3	Vertical	7	2.43	-
2437MHz	Pass	PK	4.87214G	53.10	74.00	-20.90	3	Vertical	345	2.25	-
2437MHz	Pass	PK	7.30164G	65.45	74.00	-8.55	3	Vertical	7	2.43	-
2437MHz	Pass	AV	4.87598G	38.68	54.00	-15.32	3	Horizontal	0	2.46	-
2437MHz	Pass	AV	7.31268G	47.30	54.00	-6.70	3	Horizontal	20	1.74	-
2437MHz	Pass	PK	4.87544G	55.35	74.00	-18.65	3	Horizontal	0	2.46	-
2437MHz	Pass	PK	7.30218G	61.99	74.00	-12.01	3	Horizontal	20	1.74	-
2457MHz	Pass	AV	2.4522G	99.38	Inf	-Inf	3	Vertical	19	1.30	-
2457MHz	Pass	AV	2.4835G	51.88	54.00	-2.12	3	Vertical	19	1.30	-
2457MHz	Pass	PK	2.462G	110.33	Inf	-Inf	3	Vertical	19	1.30	-
2457MHz	Pass	PK	2.4836G	69.09	74.00	-4.91	3	Vertical	19	1.30	-
2457MHz	Pass	AV	2.4586G	102.27	Inf	-Inf	3	Horizontal	303	1.39	-
2457MHz	Pass	AV	2.4836G	52.43	54.00	-1.57	3	Horizontal	303	1.39	-
2457MHz	Pass	PK	2.4588G	113.72	Inf	-Inf	3	Horizontal	303	1.39	-
2457MHz	Pass	PK	2.4836G	71.32	74.00	-2.68	3	Horizontal	303	1.39	-
2462MHz	Pass	AV	2.4608G	96.35	Inf	-Inf	3	Vertical	18	1.54	-
2462MHz	Pass	AV	2.4846G	49.76	54.00	-4.24	3	Vertical	18	1.54	-
2462MHz	Pass	PK	2.4634G	108.06	Inf	-Inf	3	Vertical	18	1.54	-
2462MHz	Pass	PK	2.4838G	71.24	74.00	-2.76	3	Vertical	18	1.54	-
2462MHz	Pass	AV	2.4572G	99.14	Inf	-Inf	3	Horizontal	0	2.09	-
2462MHz	Pass	AV	2.4835G	51.09	54.00	-2.91	3	Horizontal	0	2.09	-
2462MHz	Pass	PK	2.455G	109.93	Inf	-Inf	3	Horizontal	0	2.09	-
2462MHz	Pass	PK	2.4854G	72.72	74.00	-1.28	3	Horizontal	0	2.09	-
2462MHz	Pass	AV	4.92472G	37.44	54.00	-16.56	3	Vertical	355	1.97	-
2462MHz	Pass	AV	7.3856G	45.42	54.00	-8.58	3	Vertical	13	1.65	-
2462MHz	Pass	PK	4.92992G	49.54	74.00	-24.46	3	Vertical	355	1.97	-
2462MHz	Pass	PK	7.38336G	60.05	74.00	-13.95	3	Vertical	13	1.65	-
2462MHz	Pass	AV	4.92544G	38.94	54.00	-15.06	3	Horizontal	18	1.28	-
2462MHz	Pass	AV	7.38544G	42.72	54.00	-11.28	3	Horizontal	296	1.68	-
2462MHz	Pass	PK	4.92352G	51.85	74.00	-22.15	3	Horizontal	18	1.28	-
2462MHz	Pass	PK	7.37728G	55.55	74.00	-18.45	3	Horizontal	296	1.68	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3884G	50.70	54.00	-3.30	3	Vertical	21	1.36	-
2422MHz	Pass	AV	2.428G	92.92	Inf	-Inf	3	Vertical	21	1.36	-
2422MHz	Pass	AV	2.496G	49.52	54.00	-4.48	3	Vertical	21	1.36	-
2422MHz	Pass	PK	2.3884G	62.60	74.00	-11.40	3	Vertical	21	1.36	-
2422MHz	Pass	PK	2.4124G	102.81	Inf	-Inf	3	Vertical	21	1.36	-
2422MHz	Pass	PK	2.4888G	60.03	74.00	-13.97	3	Vertical	21	1.36	-
2422MHz	Pass	AV	2.3896G	52.85	54.00	-1.15	3	Horizontal	304	1.20	-
2422MHz	Pass	AV	2.4172G	96.68	Inf	-Inf	3	Horizontal	304	1.20	-
2422MHz	Pass	AV	2.4916G	49.26	54.00	-4.74	3	Horizontal	304	1.20	-
2422MHz	Pass	PK	2.388G	66.25	74.00	-7.75	3	Horizontal	304	1.20	-
2422MHz	Pass	PK	2.4172G	107.59	Inf	-Inf	3	Horizontal	304	1.20	-
2422MHz	Pass	PK	2.4892G	60.32	74.00	-13.68	3	Horizontal	304	1.20	-
2422MHz	Pass	AV	4.8468G	37.48	54.00	-16.52	3	Vertical	359	2.01	-
2422MHz	Pass	AV	7.26256G	44.43	54.00	-9.57	3	Vertical	2	1.71	-
2422MHz	Pass	PK	4.85664G	48.13	74.00	-25.87	3	Vertical	359	2.01	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.26432G	55.26	74.00	-18.74	3	Vertical	2	1.71	-
2422MHz	Pass	AV	4.8453G	38.02	54.00	-15.98	3	Horizontal	16	1.49	-
2422MHz	Pass	AV	7.26256G	43.29	54.00	-10.71	3	Horizontal	290	1.76	-
2422MHz	Pass	PK	4.849G	48.71	74.00	-25.29	3	Horizontal	16	1.49	-
2422MHz	Pass	PK	7.26224G	54.93	74.00	-19.07	3	Horizontal	290	1.76	-
2427MHz	Pass	AV	2.3886G	50.07	54.00	-3.93	3	Vertical	18	1.09	-
2427MHz	Pass	AV	2.431G	93.77	Inf	-Inf	3	Vertical	18	1.09	-
2427MHz	Pass	AV	2.491G	49.52	54.00	-4.48	3	Vertical	18	1.09	-
2427MHz	Pass	PK	2.3894G	61.81	74.00	-12.19	3	Vertical	18	1.09	-
2427MHz	Pass	PK	2.4306G	103.05	Inf	-Inf	3	Vertical	18	1.09	-
2427MHz	Pass	PK	2.4835G	60.60	74.00	-13.40	3	Vertical	18	1.09	-
2427MHz	Pass	AV	2.3898G	52.69	54.00	-1.31	3	Horizontal	299	1.20	-
2427MHz	Pass	AV	2.4198G	96.81	Inf	-Inf	3	Horizontal	299	1.20	-
2427MHz	Pass	AV	2.485G	49.76	54.00	-4.24	3	Horizontal	299	1.20	-
2427MHz	Pass	PK	2.3878G	65.77	74.00	-8.23	3	Horizontal	299	1.20	-
2427MHz	Pass	PK	2.4218G	106.08	Inf	-Inf	3	Horizontal	299	1.20	-
2427MHz	Pass	PK	2.4862G	60.88	74.00	-13.12	3	Horizontal	299	1.20	-
2437MHz	Pass	AV	2.3898G	50.09	54.00	-3.91	3	Vertical	21	1.36	-
2437MHz	Pass	AV	2.4318G	95.79	Inf	-Inf	3	Vertical	21	1.36	-
2437MHz	Pass	AV	2.4866G	50.68	54.00	-3.32	3	Vertical	21	1.36	-
2437MHz	Pass	PK	2.3886G	60.98	74.00	-13.02	3	Vertical	21	1.36	-
2437MHz	Pass	PK	2.4422G	106.96	Inf	-Inf	3	Vertical	21	1.36	-
2437MHz	Pass	PK	2.4906G	63.56	74.00	-10.44	3	Vertical	21	1.36	-
2437MHz	Pass	AV	2.3886G	52.68	54.00	-1.32	3	Horizontal	302	1.09	-
2437MHz	Pass	AV	2.431G	98.79	Inf	-Inf	3	Horizontal	302	1.09	-
2437MHz	Pass	AV	2.4846G	51.30	54.00	-2.70	3	Horizontal	302	1.09	-
2437MHz	Pass	PK	2.3862G	65.21	74.00	-8.79	3	Horizontal	302	1.09	-
2437MHz	Pass	PK	2.4338G	109.97	Inf	-Inf	3	Horizontal	302	1.09	-
2437MHz	Pass	PK	2.4898G	62.89	74.00	-11.11	3	Horizontal	302	1.09	-
2437MHz	Pass	AV	4.87488G	38.61	54.00	-15.39	3	Vertical	351	2.24	-
2437MHz	Pass	AV	7.31924G	47.30	54.00	-6.70	3	Vertical	6	1.75	-
2437MHz	Pass	PK	4.88712G	49.51	74.00	-24.49	3	Vertical	351	2.24	-
2437MHz	Pass	PK	7.3186G	59.17	74.00	-14.83	3	Vertical	6	1.75	-
2437MHz	Pass	AV	4.87592G	39.78	54.00	-14.22	3	Horizontal	20	1.48	-
2437MHz	Pass	AV	7.31228G	45.62	54.00	-8.38	3	Horizontal	287	2.18	-
2437MHz	Pass	PK	4.87288G	50.99	74.00	-23.01	3	Horizontal	20	1.48	-
2437MHz	Pass	PK	7.31796G	57.15	74.00	-16.85	3	Horizontal	287	2.18	-
2447MHz	Pass	AV	2.387G	49.15	54.00	-4.85	3	Vertical	15	1.55	-
2447MHz	Pass	AV	2.4534G	93.51	Inf	-Inf	3	Vertical	15	1.55	-
2447MHz	Pass	AV	2.485G	51.09	54.00	-2.91	3	Vertical	15	1.55	-
2447MHz	Pass	PK	2.3834G	59.88	74.00	-14.12	3	Vertical	15	1.55	-
2447MHz	Pass	PK	2.4586G	103.70	Inf	-Inf	3	Vertical	15	1.55	-
2447MHz	Pass	PK	2.4838G	62.34	74.00	-11.66	3	Vertical	15	1.55	-
2447MHz	Pass	AV	2.3894G	49.64	54.00	-4.36	3	Horizontal	302	1.01	-
2447MHz	Pass	AV	2.4394G	96.70	Inf	-Inf	3	Horizontal	302	1.01	-
2447MHz	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Horizontal	302	1.01	-
2447MHz	Pass	PK	2.3702G	60.06	74.00	-13.94	3	Horizontal	302	1.01	-
2447MHz	Pass	PK	2.4522G	107.61	Inf	-Inf	3	Horizontal	302	1.01	-
2447MHz	Pass	PK	2.485G	66.66	74.00	-7.34	3	Horizontal	302	1.01	-

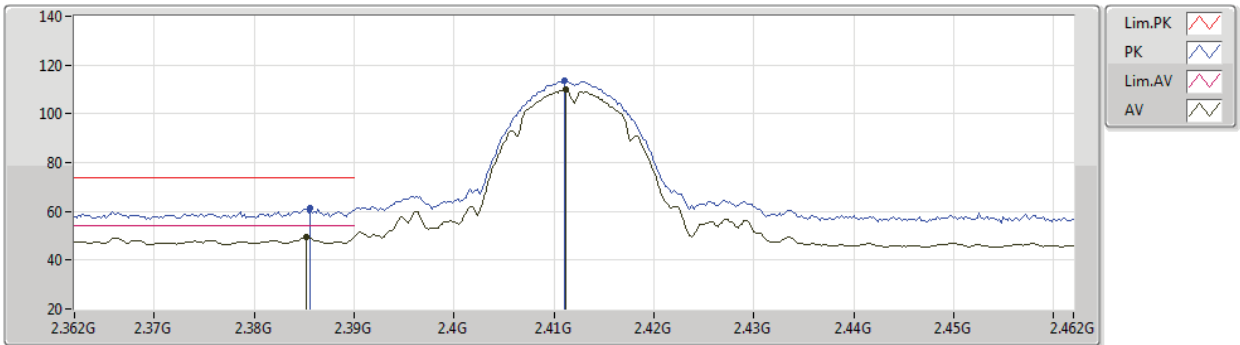


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.3788G	48.85	54.00	-5.15	3	Vertical	15	1.28	-
2452MHz	Pass	AV	2.4532G	93.54	Inf	-Inf	3	Vertical	15	1.28	-
2452MHz	Pass	AV	2.4848G	51.09	54.00	-2.91	3	Vertical	15	1.28	-
2452MHz	Pass	PK	2.3684G	60.12	74.00	-13.88	3	Vertical	15	1.28	-
2452MHz	Pass	PK	2.4488G	104.13	Inf	-Inf	3	Vertical	15	1.28	-
2452MHz	Pass	PK	2.4844G	61.70	74.00	-12.30	3	Vertical	15	1.28	-
2452MHz	Pass	AV	2.3784G	49.10	54.00	-4.90	3	Horizontal	0	1.01	-
2452MHz	Pass	AV	2.4492G	96.49	Inf	-Inf	3	Horizontal	0	1.01	-
2452MHz	Pass	AV	2.486G	52.62	54.00	-1.38	3	Horizontal	0	1.01	-
2452MHz	Pass	PK	2.3724G	59.79	74.00	-14.21	3	Horizontal	0	1.01	-
2452MHz	Pass	PK	2.4488G	107.13	Inf	-Inf	3	Horizontal	0	1.01	-
2452MHz	Pass	PK	2.49G	65.12	74.00	-8.88	3	Horizontal	0	1.01	-
2452MHz	Pass	AV	4.90656G	37.13	54.00	-16.87	3	Vertical	355	1.76	-
2452MHz	Pass	AV	7.35848G	43.91	54.00	-10.09	3	Vertical	14	2.90	-
2452MHz	Pass	PK	4.90872G	48.80	74.00	-25.20	3	Vertical	355	1.76	-
2452MHz	Pass	PK	7.35608G	55.69	74.00	-18.31	3	Vertical	14	2.90	-
2452MHz	Pass	AV	4.906G	37.99	54.00	-16.01	3	Horizontal	21	1.49	-
2452MHz	Pass	AV	7.35296G	42.42	54.00	-11.58	3	Horizontal	293	1.69	-
2452MHz	Pass	PK	4.91056G	49.58	74.00	-24.42	3	Horizontal	21	1.49	-
2452MHz	Pass	PK	7.34304G	54.56	74.00	-19.44	3	Horizontal	293	1.69	-

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2412MHz_TX

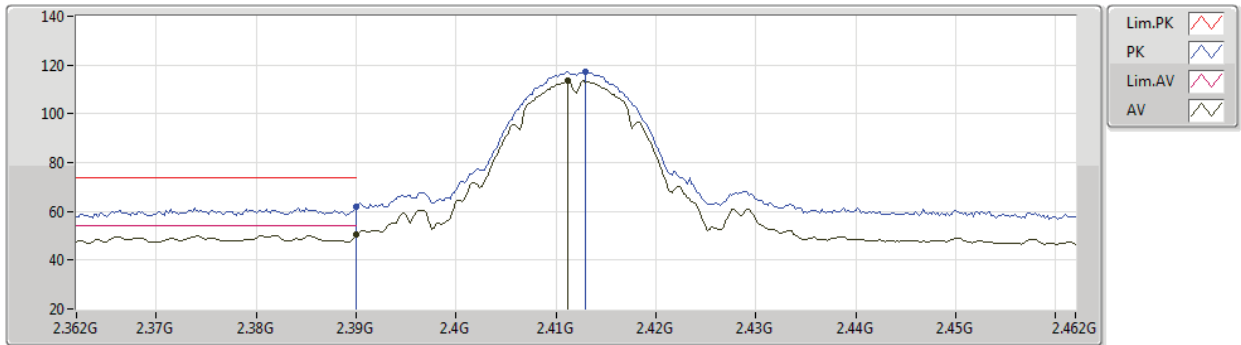


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3852G	49.74	54.00	-4.26	31.92	3	Vertical	355	1.23	-	17.82	27.63	4.29	-
AV	2.4112G	109.76	Inf	-Inf	31.89	3	Vertical	355	1.23	-	77.87	27.58	4.31	-
PK	2.3856G	61.32	74.00	-12.68	31.92	3	Vertical	355	1.23	-	29.40	27.63	4.29	-
PK	2.411G	113.62	Inf	-Inf	31.89	3	Vertical	355	1.23	-	81.73	27.58	4.31	-

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2412MHz_TX



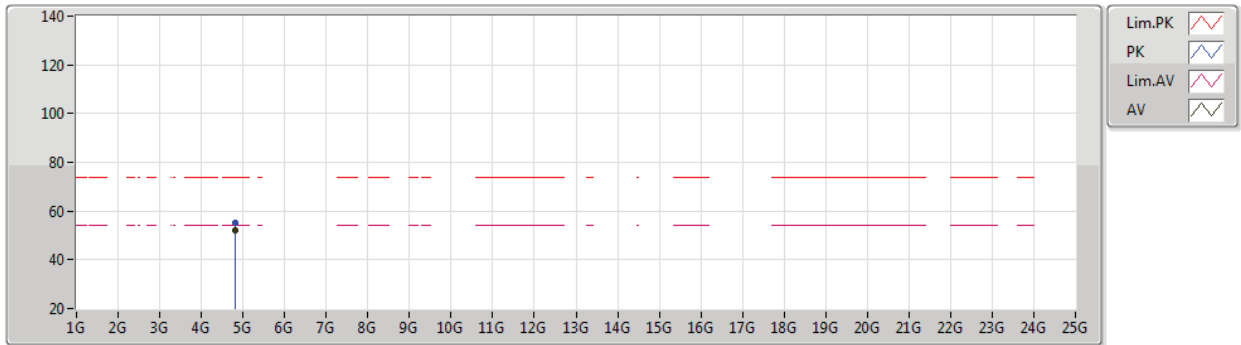
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AV	2.39G	50.30	54.00	-3.70	31.91	3	Horizontal	17	1.37	-	18.39	27.62	4.29	-
AV	2.4112G	113.40	Inf	-Inf	31.89	3	Horizontal	17	1.37	-	81.51	27.58	4.31	-
PK	2.39G	61.76	74.00	-12.24	31.91	3	Horizontal	17	1.37	-	29.85	27.62	4.29	-
PK	2.413G	117.33	Inf	-Inf	31.88	3	Horizontal	17	1.37	-	85.45	27.57	4.31	-



802.11b_Nss1,(1Mbps)_2TX

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2412MHz_TX



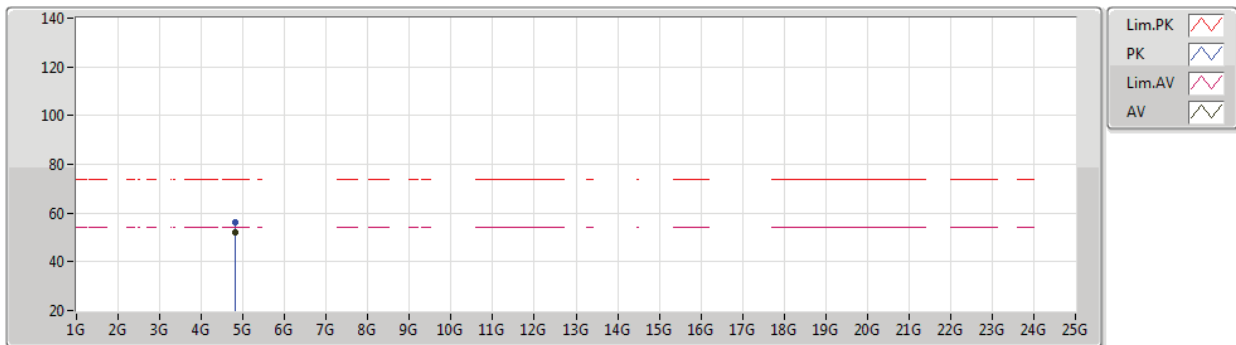
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AV	4.82396G	52.21	54.00	-1.79	7.09	3	Vertical	0	2.99	-	45.12	31.10	6.52	30.53
PK	4.82404G	55.41	74.00	-18.59	7.09	3	Vertical	0	2.99	-	48.32	31.10	6.52	30.53



802.11b_Nss1,(1Mbps)_2TX

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2412MHz_TX

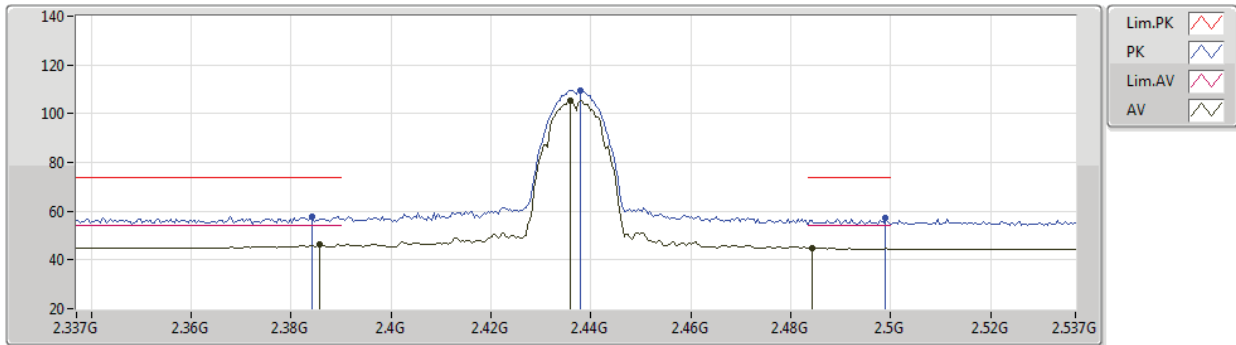


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	52.27	54.00	-1.73	7.09	3	Horizontal	10	1.25	-	45.18	31.10	6.52	30.53
PK	4.82396G	55.96	74.00	-18.04	7.09	3	Horizontal	10	1.25	-	48.87	31.10	6.52	30.53

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2437MHz_TX

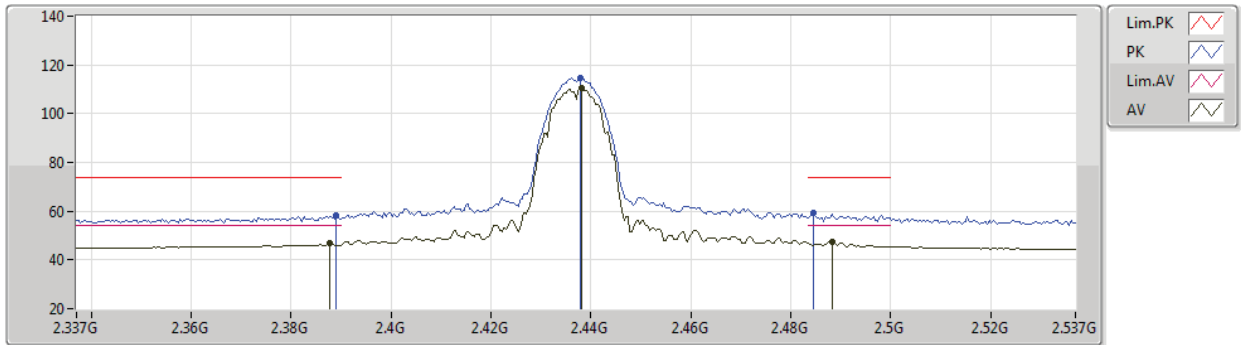


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3858G	46.18	54.00	-7.82	31.92	3	Vertical	340	1.34	-	14.26	27.63	4.29	-
AV	2.4358G	105.44	Inf	-Inf	31.87	3	Vertical	340	1.34	-	73.57	27.53	4.34	-
AV	2.4842G	44.79	54.00	-9.21	31.81	3	Vertical	340	1.34	-	12.98	27.43	4.38	-
PK	2.3842G	57.61	74.00	-16.39	31.91	3	Vertical	340	1.34	-	25.70	27.63	4.28	-
PK	2.4378G	109.72	Inf	-Inf	31.86	3	Vertical	340	1.34	-	77.86	27.52	4.34	-
PK	2.499G	57.03	74.00	-16.97	31.80	3	Vertical	340	1.34	-	25.23	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2437MHz_TX



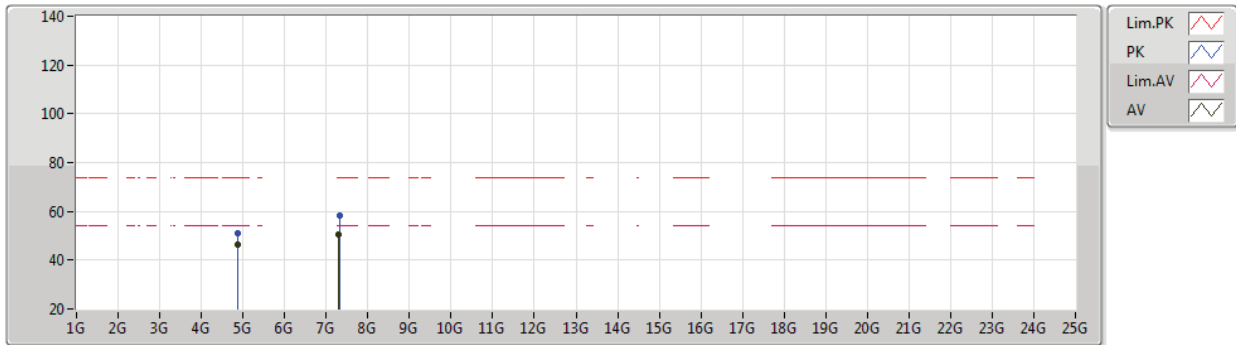
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AV	2.3878G	46.65	54.00	-7.35	31.91	3	Horizontal	15	1.31	-	14.74	27.62	4.29	-
AV	2.4382G	110.40	Inf	-Inf	31.86	3	Horizontal	15	1.31	-	78.54	27.52	4.34	-
AV	2.4882G	47.51	54.00	-6.49	31.81	3	Horizontal	15	1.31	-	15.70	27.42	4.39	-
PK	2.389G	58.31	74.00	-15.69	31.91	3	Horizontal	15	1.31	-	26.40	27.62	4.29	-
PK	2.4378G	114.68	Inf	-Inf	31.86	3	Horizontal	15	1.31	-	82.82	27.52	4.34	-
PK	2.4846G	59.53	74.00	-14.47	31.81	3	Horizontal	15	1.31	-	27.72	27.43	4.38	-



802.11b_Nss1,(1Mbps)_2TX

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2437MHz_TX



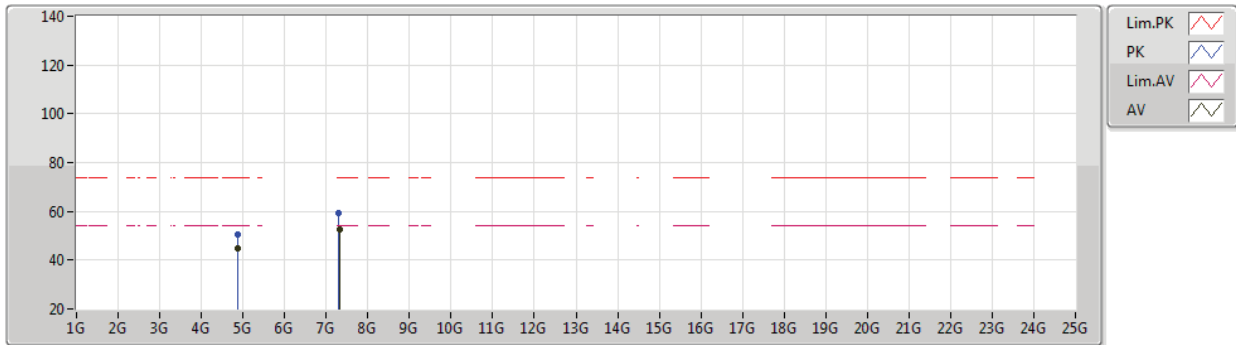
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AV	4.87396G	46.55	54.00	-7.45	7.14	3	Vertical	0	2.25	-	39.41	31.10	6.57	30.53
AV	7.30973G	50.46	54.00	-3.54	12.60	3	Vertical	18	1.81	-	37.86	36.32	7.60	31.32
PK	4.87404G	51.02	74.00	-22.98	7.14	3	Vertical	0	2.25	-	43.88	31.10	6.57	30.53
PK	7.31193G	58.06	74.00	-15.94	12.60	3	Vertical	18	1.81	-	45.46	36.32	7.60	31.32



802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2437MHz_TX

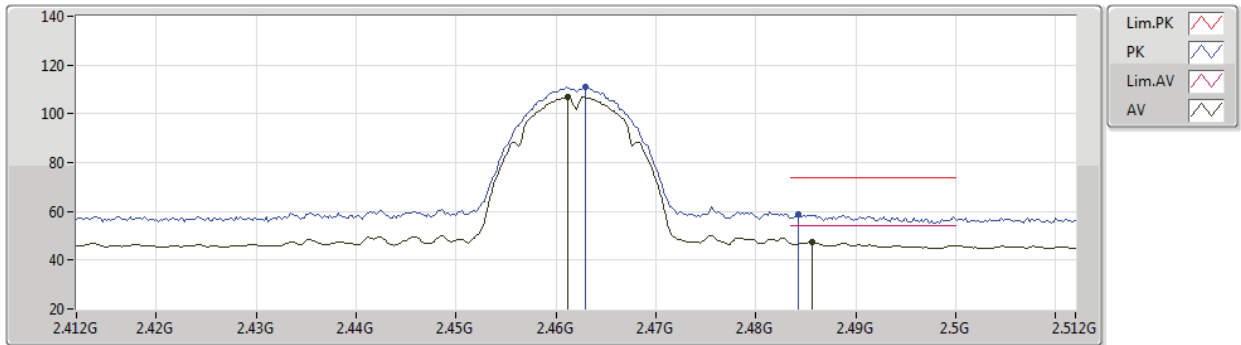


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87397G	45.07	54.00	-8.93	7.14	3	Horizontal	0	1.65	-	37.93	31.10	6.57	30.53
AV	7.31022G	52.71	54.00	-1.29	12.60	3	Horizontal	7	1.85	-	40.11	36.32	7.60	31.32
PK	4.87394G	50.37	74.00	-23.63	7.14	3	Horizontal	0	1.65	-	43.23	31.10	6.57	30.53
PK	7.30994G	59.17	74.00	-14.83	12.60	3	Horizontal	7	1.85	-	46.57	36.32	7.60	31.32

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2462MHz_TX

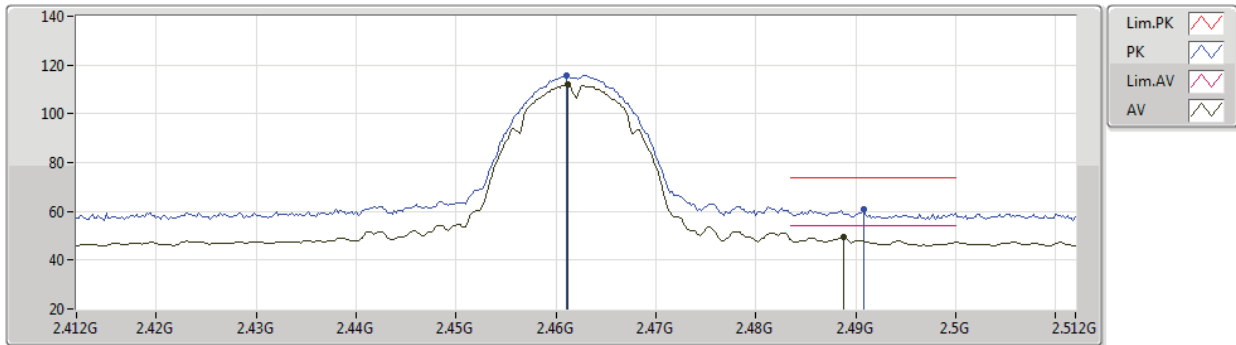


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	24612G	107.09	Inf	-Inf	31.84	3	Vertical	0	1.01	-	75.25	27.48	4.36	-
AV	24856G	47.37	54.00	-6.63	31.82	3	Vertical	0	1.01	-	15.55	27.43	4.39	-
PK	2463G	110.84	Inf	-Inf	31.83	3	Vertical	0	1.01	-	79.01	27.47	4.36	-
PK	24842G	58.62	74.00	-15.38	31.81	3	Vertical	0	1.01	-	26.81	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

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2462MHz_TX



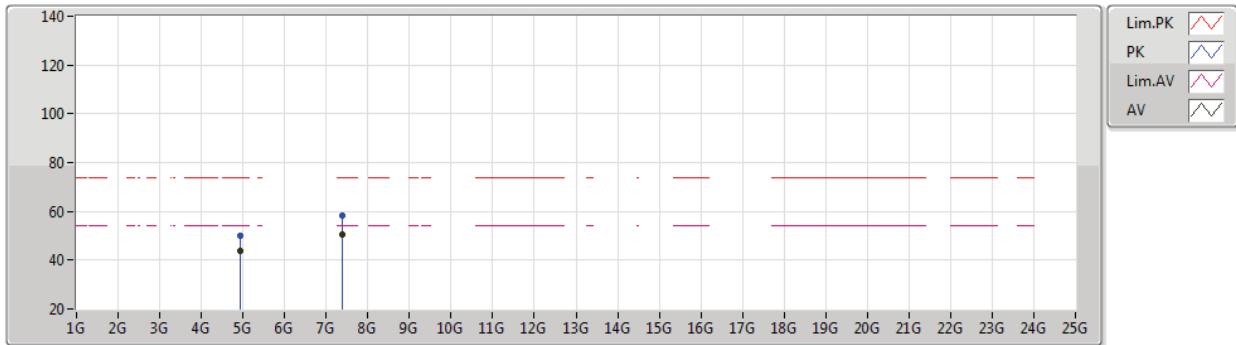
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	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	111.90	Inf	-Inf	31.84	3	Horizontal	14	1.83	-	80.06	27.48	4.36	-
AV	2.4888G	49.35	54.00	-4.65	31.81	3	Horizontal	14	1.83	-	17.54	27.42	4.39	-
PK	2.461G	115.73	Inf	-Inf	31.84	3	Horizontal	14	1.83	-	83.89	27.48	4.36	-
PK	2.4908G	60.67	74.00	-13.33	31.81	3	Horizontal	14	1.83	-	28.86	27.42	4.39	-



802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2462MHz_TX

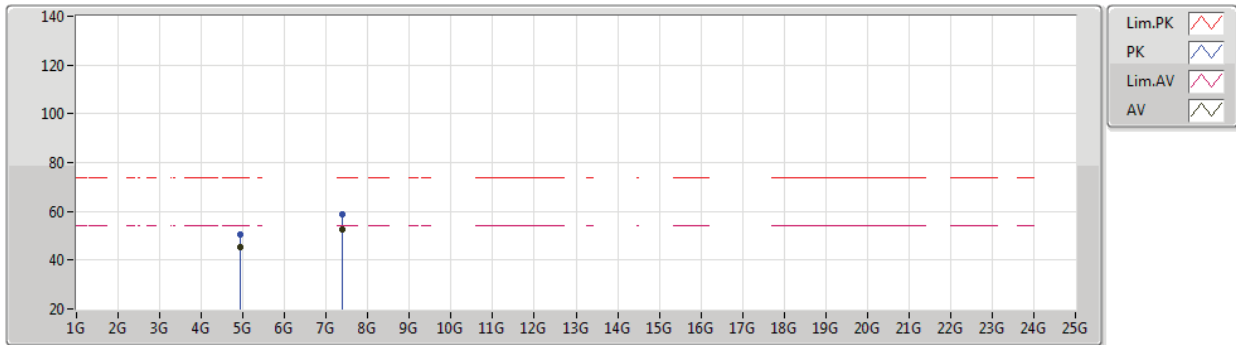


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92397G	43.99	54.00	-10.01	8.42	3	Vertical	353	2.62	-	35.57	31.15	6.62	29.35
AV	7.38525G	50.63	54.00	-3.37	13.30	3	Vertical	25	2.91	-	37.33	36.12	7.60	30.42
PK	4.92392G	50.10	74.00	-23.90	8.42	3	Vertical	353	2.62	-	41.68	31.15	6.62	29.35
PK	7.385G	58.21	74.00	-15.79	13.30	3	Vertical	25	2.91	-	44.91	36.12	7.60	30.42

802.11b_Nss1,(1Mbps)_2TX

07/09/2020

2462MHz_TX

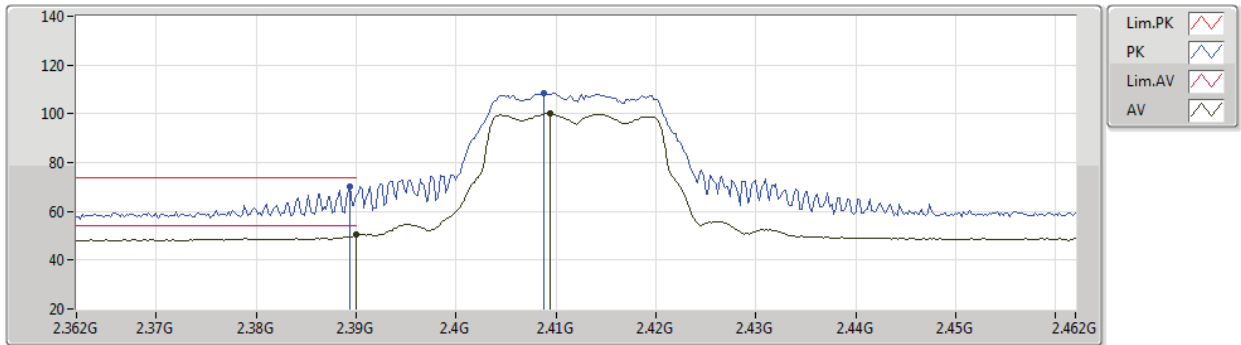


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92397G	45.22	54.00	-8.78	7.23	3	Horizontal	20	1.51	-	37.99	31.15	6.62	30.54
AV	7.38522G	52.33	54.00	-1.67	12.40	3	Horizontal	0	2.12	-	39.93	36.12	7.60	31.32
PK	4.92403G	50.73	74.00	-23.27	7.23	3	Horizontal	20	1.51	-	43.50	31.15	6.62	30.54
PK	7.38658G	58.84	74.00	-15.16	12.39	3	Horizontal	0	2.12	-	46.45	36.11	7.60	31.32

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2412MHz_TX

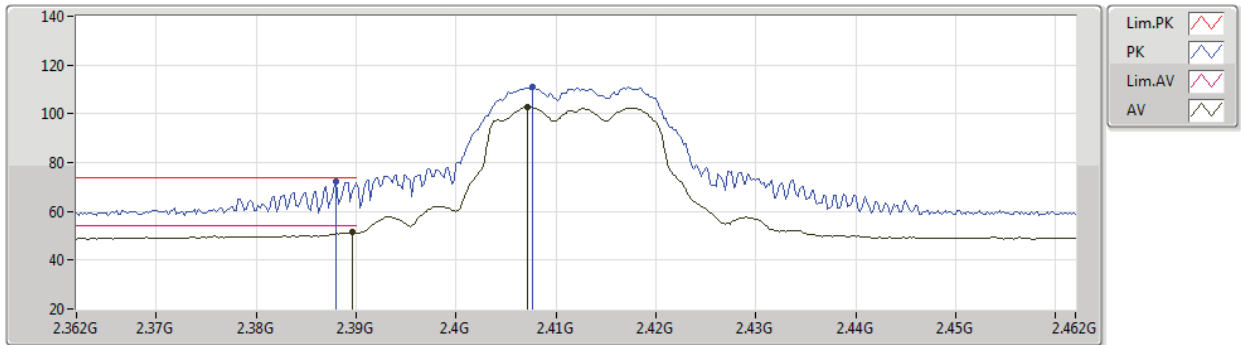


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.30	54.00	-3.70	31.91	3	Vertical	19	1.16	-	18.39	27.62	4.29	-
AV	2.4094G	99.97	Inf	-Inf	31.89	3	Vertical	19	1.16	-	68.08	27.58	4.31	-
PK	2.3894G	70.22	74.00	-3.78	31.91	3	Vertical	19	1.16	-	38.31	27.62	4.29	-
PK	2.4088G	108.30	Inf	-Inf	31.89	3	Vertical	19	1.16	-	76.41	27.58	4.31	-

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2412MHz_TX



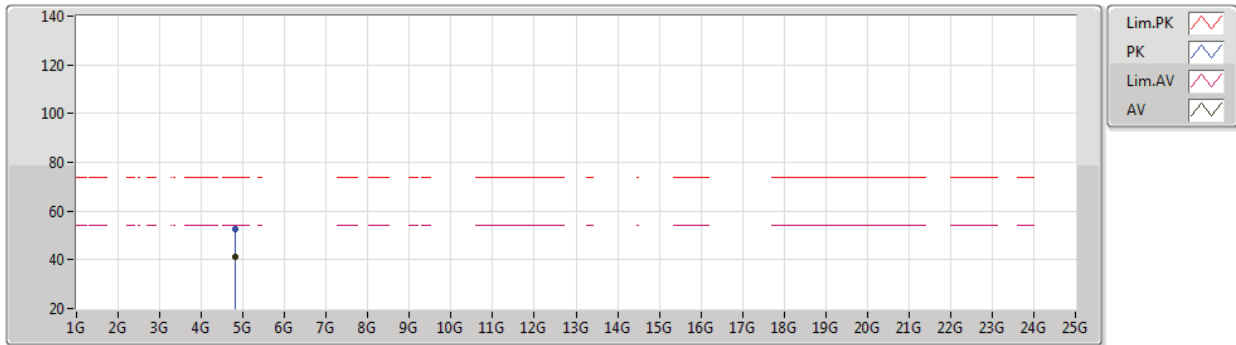
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AV	2.3896G	51.30	54.00	-2.70	31.91	3	Horizontal	304	1.25	-	19.39	27.62	4.29	-
AV	2.4072G	102.85	Inf	-Inf	31.90	3	Horizontal	304	1.25	-	70.95	27.59	4.31	-
PK	2.388G	72.20	74.00	-1.80	31.91	3	Horizontal	304	1.25	-	40.29	27.62	4.29	-
PK	2.4076G	111.08	Inf	-Inf	31.89	3	Horizontal	304	1.25	-	79.19	27.58	4.31	-



802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2412MHz_TX



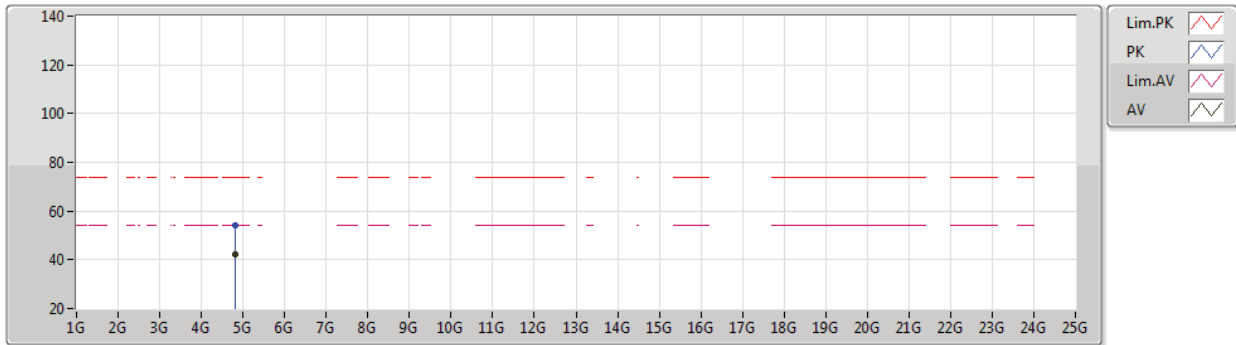
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AV	4.8252G	41.05	54.00	-12.95	8.23	3	Vertical	354	2.24	-	32.82	31.10	6.53	29.40
PK	4.82504G	52.56	74.00	-21.44	8.23	3	Vertical	354	2.24	-	44.33	31.10	6.53	29.40



802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2412MHz_TX

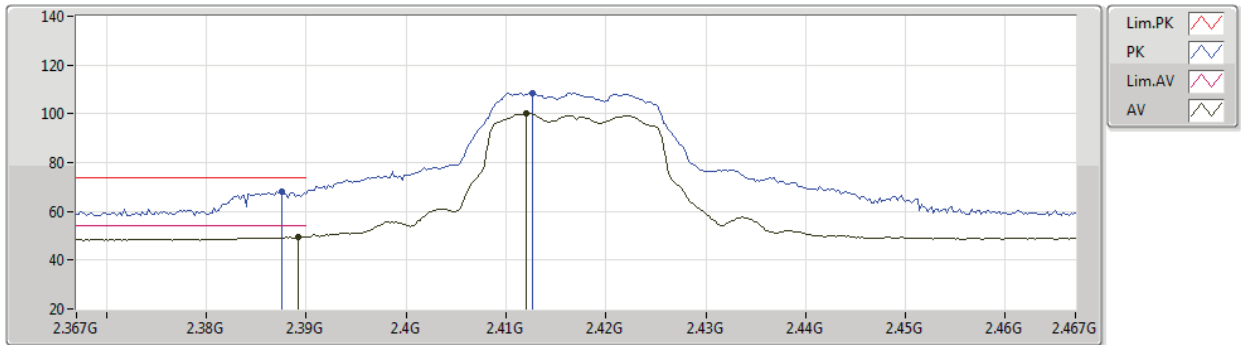


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82608G	42.04	54.00	-11.96	8.23	3	Horizontal	19	1.08	-	33.81	31.10	6.53	29.40
PK	4.82152G	54.15	74.00	-19.85	8.22	3	Horizontal	19	1.08	-	45.93	31.10	6.52	29.40

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2417MHz_TX

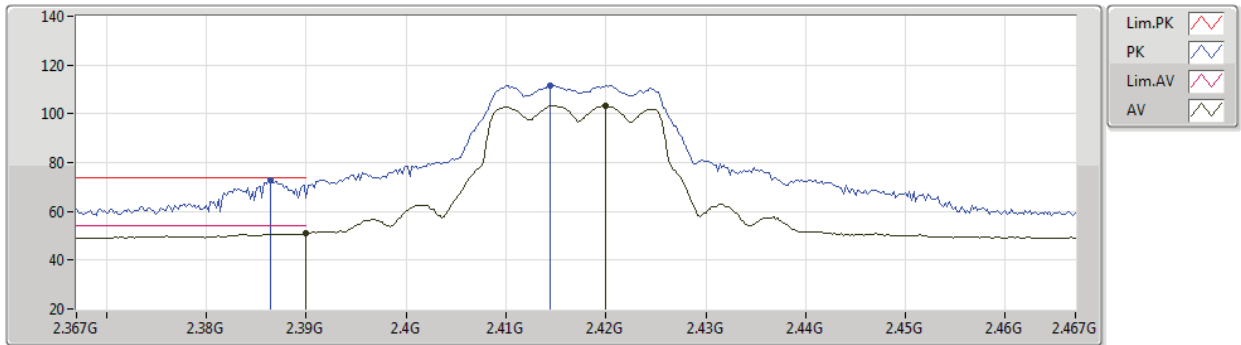


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	49.63	54.00	-4.37	31.91	3	Vertical	21	1.18	-	17.72	27.62	4.29	-
AV	2.412G	100.11	Inf	-Inf	31.89	3	Vertical	21	1.18	-	68.22	27.58	4.31	-
PK	2.3876G	68.19	74.00	-5.81	31.91	3	Vertical	21	1.18	-	36.28	27.62	4.29	-
PK	2.4126G	108.52	Inf	-Inf	31.88	3	Vertical	21	1.18	-	76.64	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2417MHz_TX

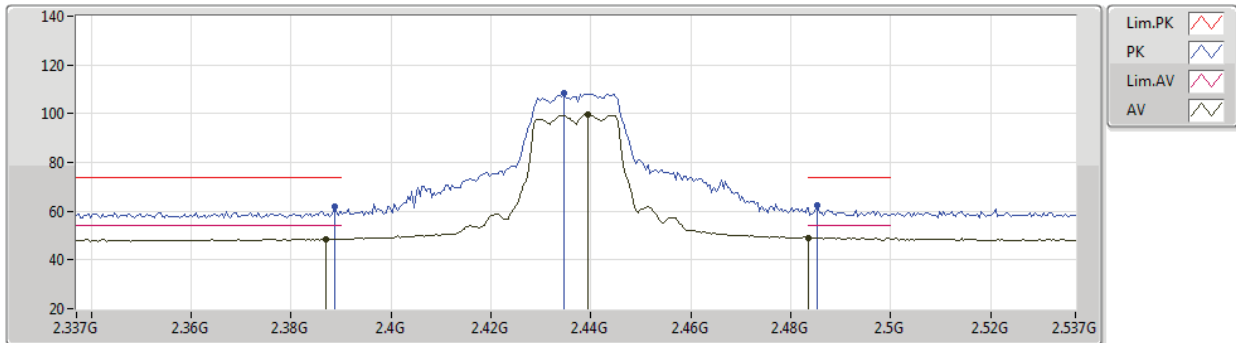


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.92	54.00	-3.08	31.91	3	Horizontal	303	1.21	-	19.01	27.62	4.29	-
AV	2.42G	103.22	Inf	-Inf	31.88	3	Horizontal	303	1.21	-	71.34	27.56	4.32	-
PK	2.3864G	72.54	74.00	-1.46	31.92	3	Horizontal	303	1.21	-	40.62	27.63	4.29	-
PK	2.4144G	111.71	Inf	-Inf	31.88	3	Horizontal	303	1.21	-	79.83	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

08/08/2020

2437MHz_TX

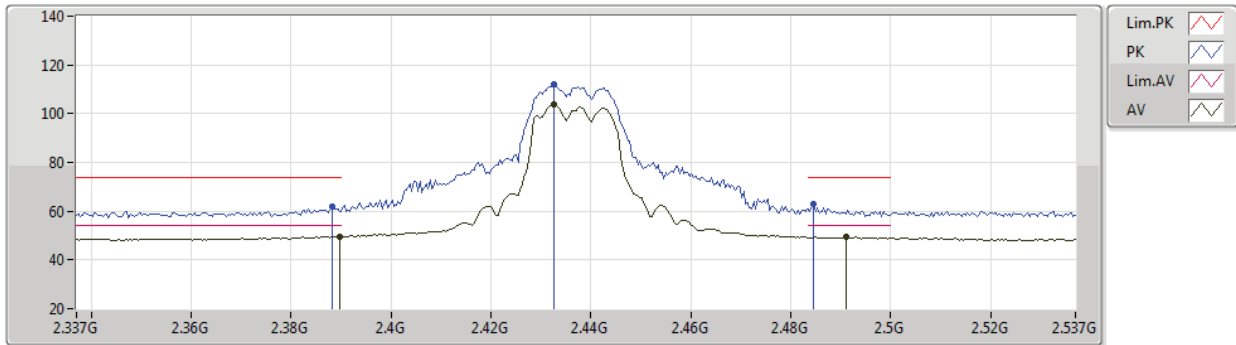


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.387G	48.65	54.00	-5.35	31.92	3	Vertical	16	1.28	-	16.73	27.63	4.29	-
AV	2.4394G	99.80	Inf	-Inf	31.86	3	Vertical	16	1.28	-	67.94	27.52	4.34	-
AV	2.4835G	49.00	54.00	-5.00	31.81	3	Vertical	16	1.28	-	17.19	27.43	4.38	-
PK	2.3886G	62.13	74.00	-11.87	31.91	3	Vertical	16	1.28	-	30.22	27.62	4.29	-
PK	2.4346G	108.28	Inf	-Inf	31.86	3	Vertical	16	1.28	-	76.42	27.53	4.33	-
PK	2.4854G	62.52	74.00	-11.48	31.82	3	Vertical	16	1.28	-	30.70	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

08/08/2020

2437MHz_TX

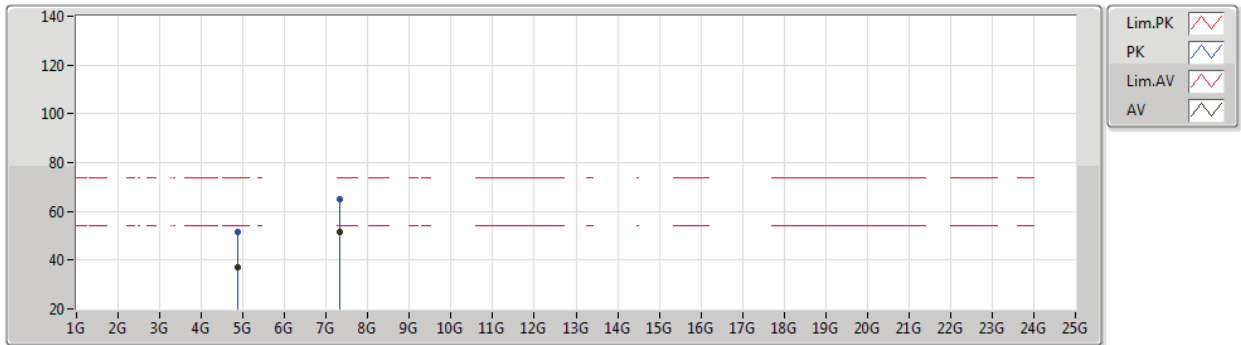


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.64	54.00	-4.36	31.91	3	Horizontal	304	1.08	-	17.73	27.62	4.29	-
AV	2.4326G	103.65	Inf	-Inf	31.86	3	Horizontal	304	1.08	-	71.79	27.53	4.33	-
AV	2.491G	49.26	54.00	-4.74	31.81	3	Horizontal	304	1.08	-	17.45	27.42	4.39	-
PK	2.3882G	61.91	74.00	-12.09	31.91	3	Horizontal	304	1.08	-	30.00	27.62	4.29	-
PK	2.4326G	111.96	Inf	-Inf	31.86	3	Horizontal	304	1.08	-	80.10	27.53	4.33	-
PK	2.4846G	62.73	74.00	-11.27	31.81	3	Horizontal	304	1.08	-	30.92	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

26/08/2020

2437MHz_TX

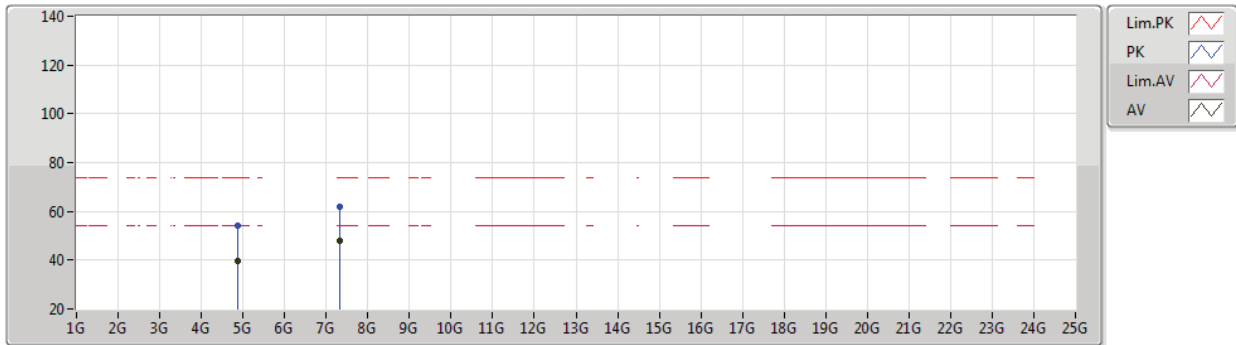


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87586G	37.26	54.00	-16.74	8.30	3	Vertical	345	2.16	-	28.96	31.10	6.58	29.38
AV	7.3104G	51.59	54.00	-2.41	13.56	3	Vertical	0	2.53	-	38.03	36.32	7.60	30.36
PK	4.86968G	51.81	74.00	-22.19	8.29	3	Vertical	345	2.16	-	43.52	31.10	6.57	29.38
PK	7.31058G	65.21	74.00	-8.79	13.56	3	Vertical	0	2.53	-	51.65	36.32	7.60	30.36

802.11g_Nss1,(6Mbps)_2TX

26/08/2020

2437MHz_TX

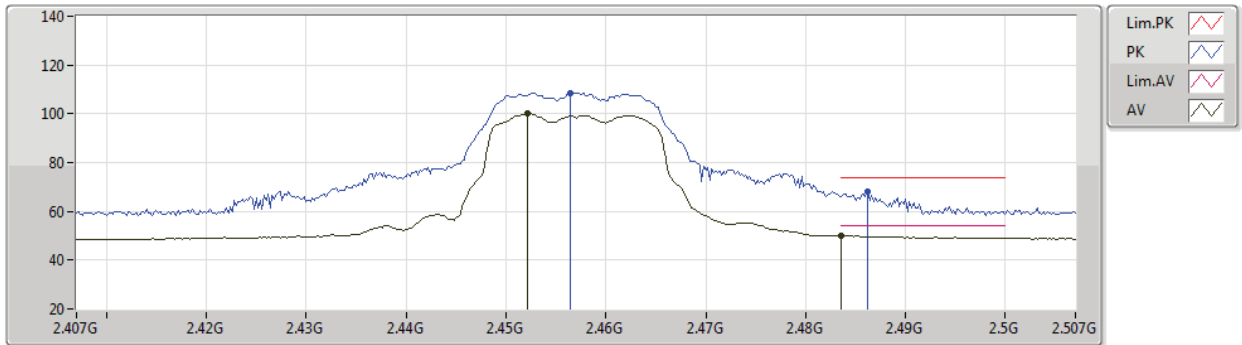


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8749G	39.47	54.00	-14.53	8.29	3	Horizontal	9	1.28	-	31.18	31.10	6.57	29.38
AV	7.3113G	48.18	54.00	-5.82	13.56	3	Horizontal	22	2.18	-	34.62	36.32	7.60	30.36
PK	4.86932G	54.27	74.00	-19.73	8.29	3	Horizontal	9	1.28	-	45.98	31.10	6.57	29.38
PK	7.3116G	62.15	74.00	-11.85	13.56	3	Horizontal	22	2.18	-	48.59	36.32	7.60	30.36

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2457MHz_TX



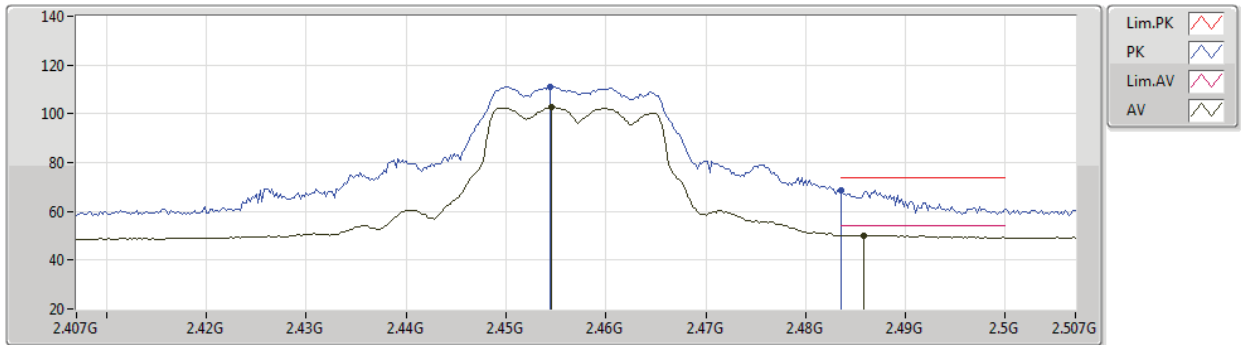
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4522G	99.98	Inf	-Inf	31.85	3	Vertical	24	1.54	-	68.13	27.50	4.35	-
AV	2.4836G	49.99	54.00	-4.01	31.81	3	Vertical	24	1.54	-	18.18	27.43	4.38	-
PK	2.4564G	108.38	Inf	-Inf	31.85	3	Vertical	24	1.54	-	76.53	27.49	4.36	-
PK	2.4862G	67.91	74.00	-6.09	31.82	3	Vertical	24	1.54	-	36.09	27.43	4.39	-



802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2457MHz_TX

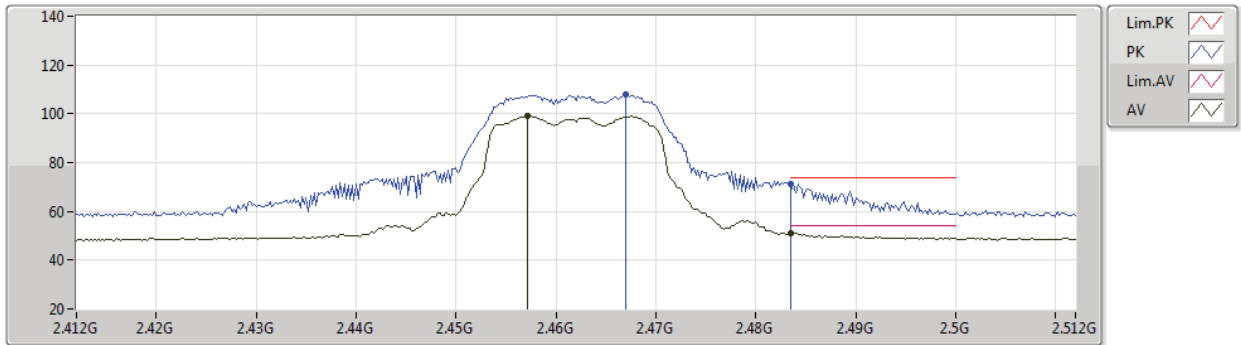


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4546G	102.79	Inf	-Inf	31.84	3	Horizontal	0	2.07	-	70.95	27.49	4.35	-
AV	2.4858G	50.24	54.00	-3.76	31.82	3	Horizontal	0	2.07	-	18.42	27.43	4.39	-
PK	2.4544G	111.26	Inf	-Inf	31.84	3	Horizontal	0	2.07	-	79.42	27.49	4.35	-
PK	2.4836G	68.58	74.00	-5.42	31.81	3	Horizontal	0	2.07	-	36.77	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

08/08/2020

2462MHz_TX

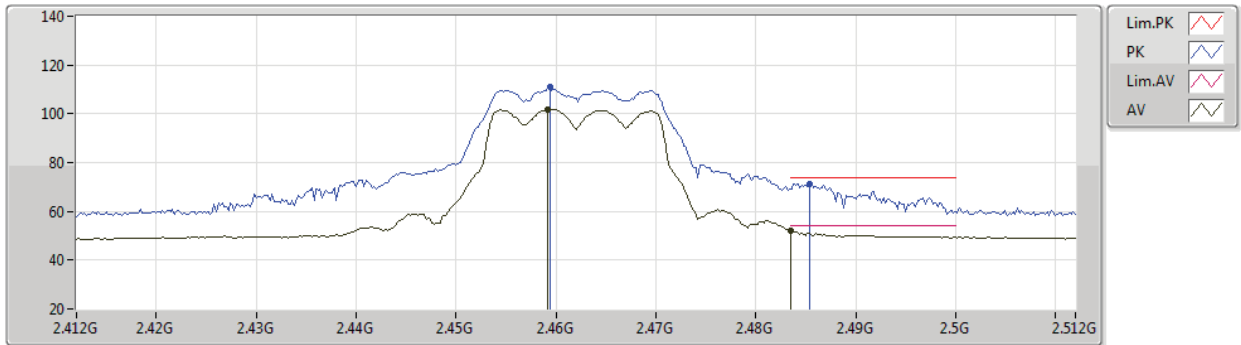


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4572G	99.23	Inf	-Inf	31.85	3	Vertical	18	1.29	-	67.38	27.49	4.36	-
AV	2.4835G	50.88	54.00	-3.12	31.81	3	Vertical	18	1.29	-	19.07	27.43	4.38	-
PK	2.467G	107.82	Inf	-Inf	31.84	3	Vertical	18	1.29	-	75.98	27.47	4.37	-
PK	2.4835G	71.14	74.00	-2.86	31.81	3	Vertical	18	1.29	-	39.33	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

08/08/2020

2462MHz_TX

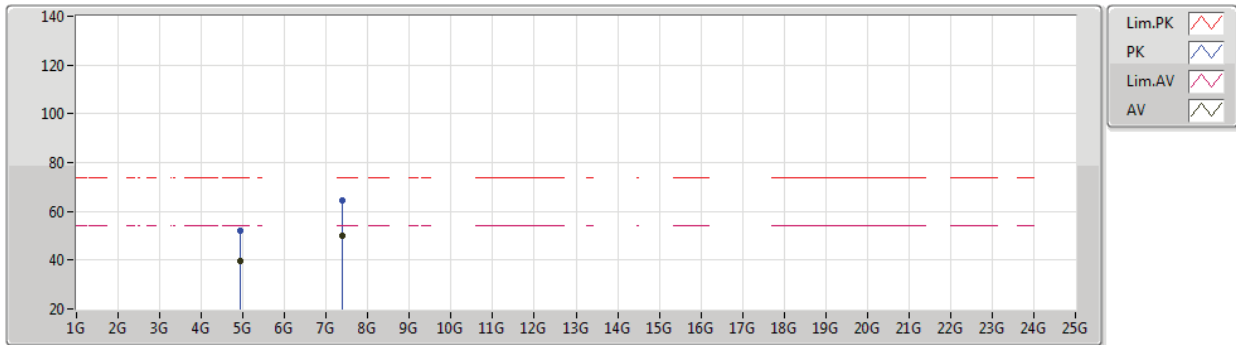


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4592G	101.86	Inf	-Inf	31.84	3	Horizontal	0	1.55	-	70.02	27.48	4.36	-
AV	2.4835G	52.07	54.00	-1.93	31.81	3	Horizontal	0	1.55	-	20.26	27.43	4.38	-
PK	2.4594G	110.81	Inf	-Inf	31.84	3	Horizontal	0	1.55	-	78.97	27.48	4.36	-
PK	2.4854G	71.19	74.00	-2.81	31.82	3	Horizontal	0	1.55	-	39.37	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2462MHz_TX

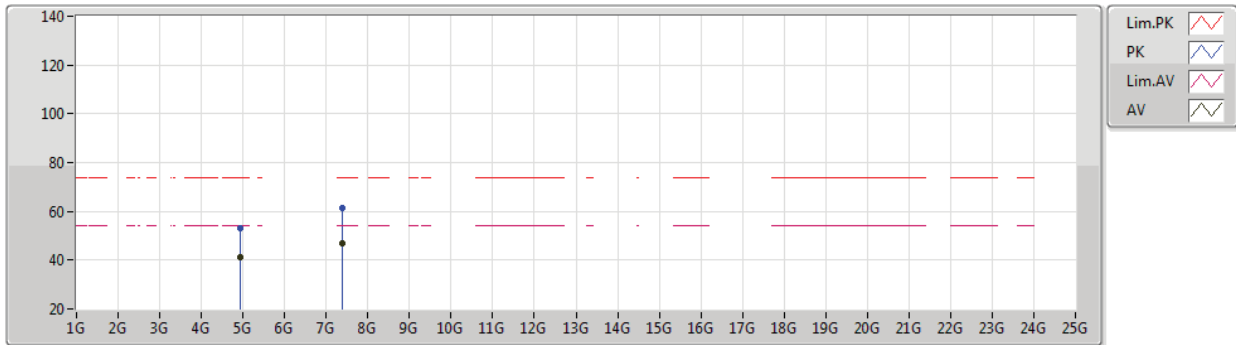


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92488G	39.89	54.00	-14.11	8.42	3	Vertical	360	1.96	-	31.47	31.15	6.62	29.35
AV	7.38784G	49.90	54.00	-4.10	13.28	3	Vertical	13	1.59	-	36.62	36.10	7.60	30.42
PK	4.92496G	51.86	74.00	-22.14	8.42	3	Vertical	360	1.96	-	43.44	31.15	6.62	29.35
PK	7.38768G	64.71	74.00	-9.29	13.28	3	Vertical	13	1.59	-	51.43	36.10	7.60	30.42

802.11g_Nss1,(6Mbps)_2TX

09/08/2020

2462MHz_TX

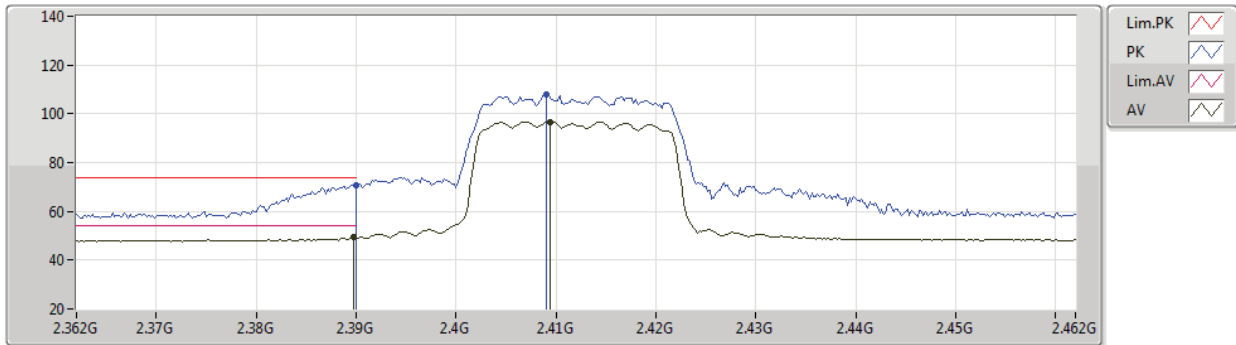


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92616G	41.13	54.00	-12.87	8.43	3	Horizontal	20	1.27	-	32.70	31.15	6.63	29.35
AV	7.38736G	46.86	54.00	-7.14	13.28	3	Horizontal	287	1.67	-	33.58	36.10	7.60	30.42
PK	4.92168G	52.85	74.00	-21.15	8.40	3	Horizontal	20	1.27	-	44.45	31.14	6.62	29.36
PK	7.3876G	61.16	74.00	-12.84	13.28	3	Horizontal	287	1.67	-	47.88	36.10	7.60	30.42

802.11ax HEW20_Nss1,(MCS0)_2TX

08/08/2020

2412MHz_TX

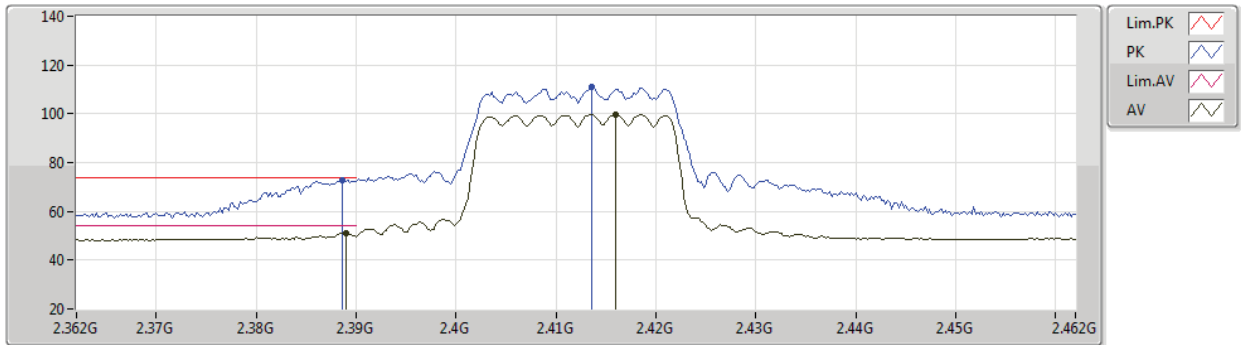


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	49.41	54.00	-4.59	31.91	3	Vertical	21	1.17	-	17.50	27.62	4.29	-
AV	2.4094G	96.63	Inf	-Inf	31.89	3	Vertical	21	1.17	-	64.74	27.58	4.31	-
PK	2.39G	70.86	74.00	-3.14	31.91	3	Vertical	21	1.17	-	38.95	27.62	4.29	-
PK	2.409G	108.06	Inf	-Inf	31.89	3	Vertical	21	1.17	-	76.17	27.58	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

08/08/2020

2412MHz_TX

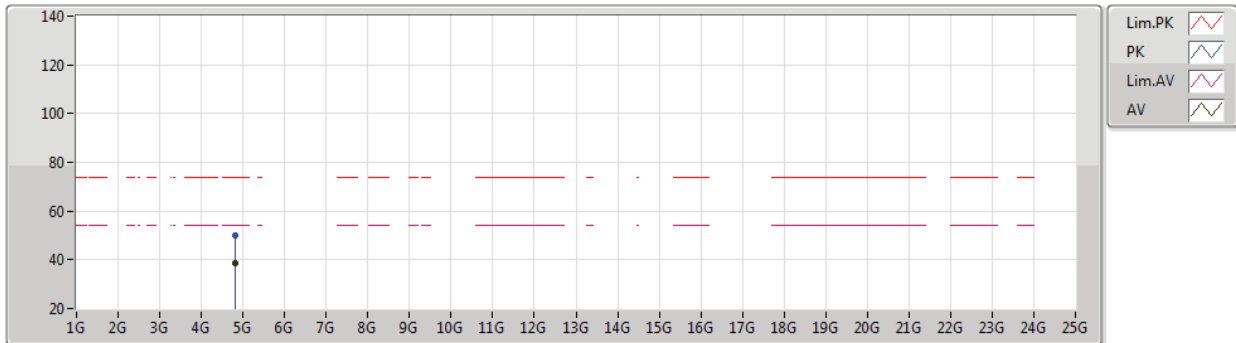


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	51.10	54.00	-2.90	31.91	3	Horizontal	304	1.20	-	19.19	27.62	4.29	-
AV	2.416G	99.61	Inf	-Inf	31.89	3	Horizontal	304	1.20	-	67.72	27.57	4.32	-
PK	2.3886G	72.89	74.00	-1.11	31.91	3	Horizontal	304	1.20	-	40.98	27.62	4.29	-
PK	2.4136G	111.18	Inf	-Inf	31.88	3	Horizontal	304	1.20	-	79.30	27.57	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2412MHz_TX



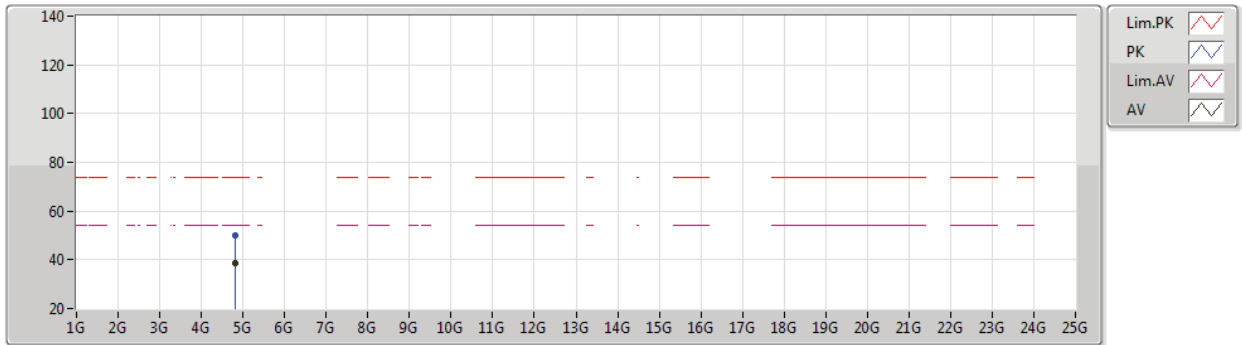
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AV	4.8272G	38.54	54.00	-15.46	8.23	3	Vertical	353	2.20	-	30.31	31.10	6.53	29.40
PK	4.82672G	50.25	74.00	-23.75	8.23	3	Vertical	353	2.20	-	42.02	31.10	6.53	29.40



802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2412MHz_TX



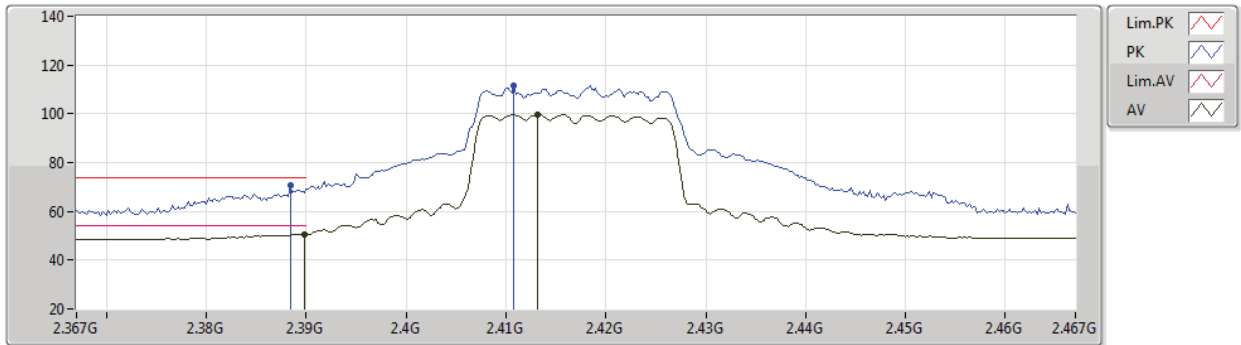
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82408G	38.63	54.00	-15.37	8.22	3	Horizontal	4	1.08	-	30.41	31.10	6.52	29.40
PK	4.826G	50.13	74.00	-23.87	8.23	3	Horizontal	4	1.08	-	41.90	31.10	6.53	29.40



802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2417MHz_TX

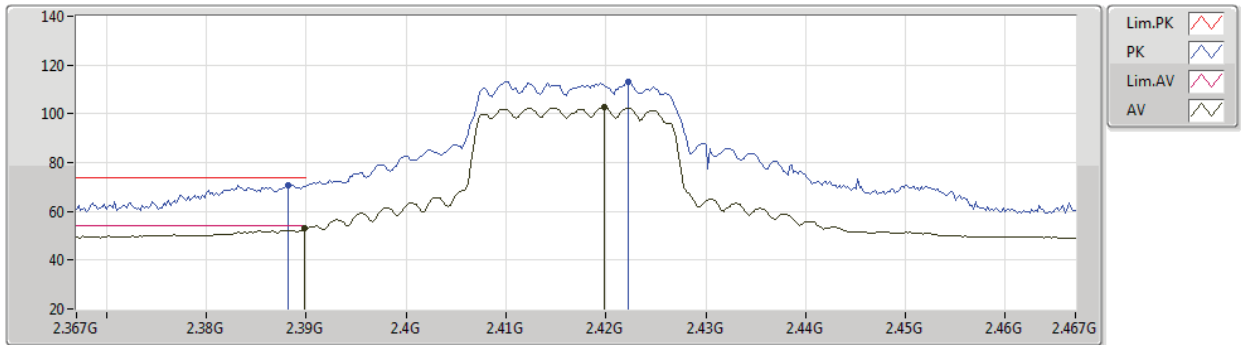


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.71	54.00	-3.29	31.91	3	Vertical	22	1.16	-	18.80	27.62	4.29	-
AV	2.4132G	99.57	Inf	-Inf	31.88	3	Vertical	22	1.16	-	67.69	27.57	4.31	-
PK	2.3884G	70.84	74.00	-3.16	31.91	3	Vertical	22	1.16	-	38.93	27.62	4.29	-
PK	2.4108G	111.73	Inf	-Inf	31.89	3	Vertical	22	1.16	-	79.84	27.58	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2417MHz_TX

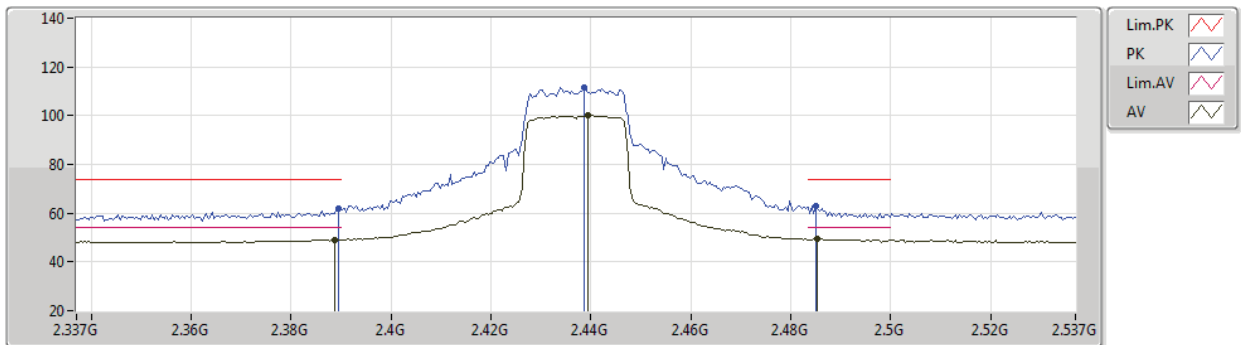


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.85	54.00	-1.15	31.91	3	Horizontal	309	1.21	-	20.94	27.62	4.29	-
AV	2.4198G	102.70	Inf	-Inf	31.88	3	Horizontal	309	1.21	-	70.82	27.56	4.32	-
PK	2.3882G	70.68	74.00	-3.32	31.91	3	Horizontal	309	1.21	-	38.77	27.62	4.29	-
PK	2.4222G	113.32	Inf	-Inf	31.88	3	Horizontal	309	1.21	-	81.44	27.56	4.32	-

802.11ax HEW20_Nss1,(MCS0)_2TX

08/08/2020

2437MHz_TX

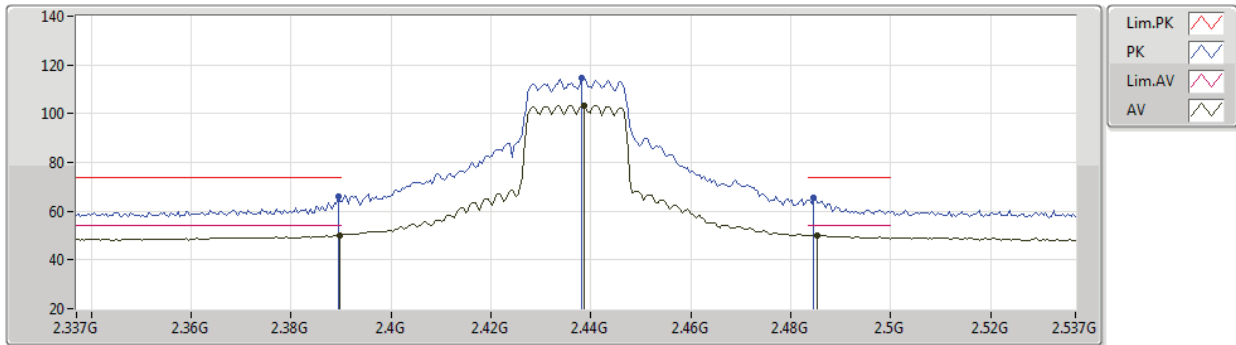


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	49.16	54.00	-4.84	31.91	3	Vertical	0	1.29	-	17.25	27.62	4.29	-
AV	2.4394G	100.02	Inf	-Inf	31.86	3	Vertical	0	1.29	-	68.16	27.52	4.34	-
AV	2.4854G	49.27	54.00	-4.73	31.82	3	Vertical	0	1.29	-	17.45	27.43	4.39	-
PK	2.3894G	61.87	74.00	-12.13	31.91	3	Vertical	0	1.29	-	29.96	27.62	4.29	-
PK	2.4386G	111.78	Inf	-Inf	31.86	3	Vertical	0	1.29	-	79.92	27.52	4.34	-
PK	2.485G	63.00	74.00	-11.00	31.81	3	Vertical	0	1.29	-	31.19	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

08/08/2020

2437MHz_TX

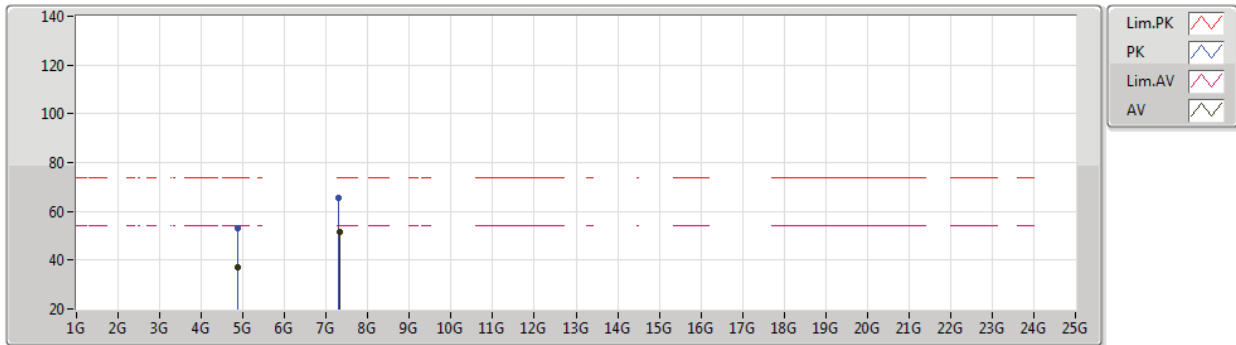


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.09	54.00	-3.91	31.91	3	Horizontal	300	1.00	-	18.18	27.62	4.29	-
AV	2.4386G	103.37	Inf	-Inf	31.86	3	Horizontal	300	1.00	-	71.51	27.52	4.34	-
AV	2.4854G	49.77	54.00	-4.23	31.82	3	Horizontal	300	1.00	-	17.95	27.43	4.39	-
PK	2.3894G	66.03	74.00	-7.97	31.91	3	Horizontal	300	1.00	-	34.12	27.62	4.29	-
PK	2.4382G	114.88	Inf	-Inf	31.86	3	Horizontal	300	1.00	-	83.02	27.52	4.34	-
PK	2.4846G	65.28	74.00	-8.72	31.81	3	Horizontal	300	1.00	-	33.47	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

26/08/2020

2437MHz_TX

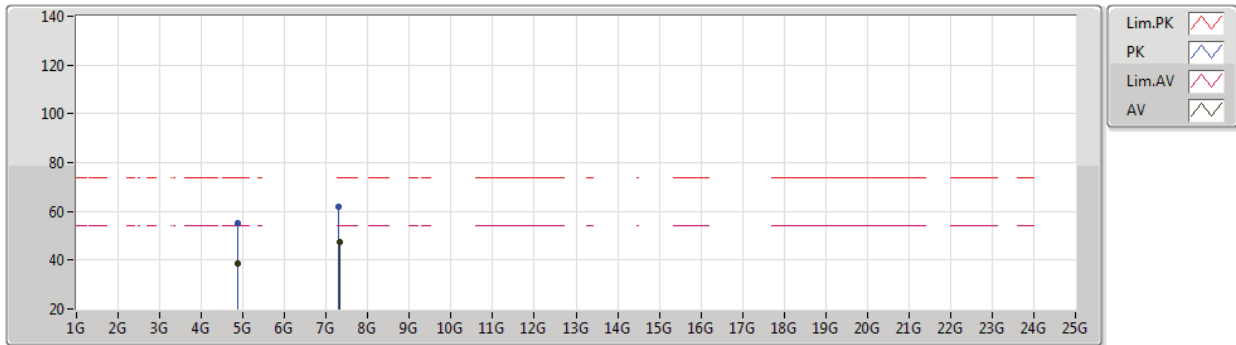


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87268G	36.93	54.00	-17.07	8.29	3	Vertical	345	2.25	-	28.64	31.10	6.57	29.38
AV	7.31184G	51.33	54.00	-2.67	13.56	3	Vertical	7	2.43	-	37.77	36.32	7.60	30.36
PK	4.87214G	53.10	74.00	-20.90	8.29	3	Vertical	345	2.25	-	44.81	31.10	6.57	29.38
PK	7.30164G	65.45	74.00	-8.55	13.55	3	Vertical	7	2.43	-	51.90	36.30	7.60	30.35

802.11ax HEW20_Nss1,(MCS0)_2TX

26/08/2020

2437MHz_TX

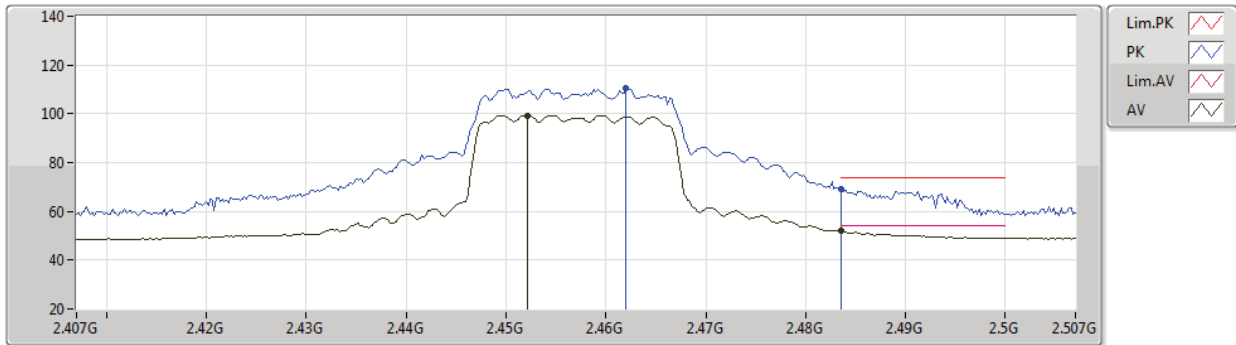


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87598G	38.68	54.00	-15.32	8.30	3	Horizontal	0	2.46	-	30.38	31.10	6.58	29.38
AV	7.31268G	47.30	54.00	-6.70	13.57	3	Horizontal	20	1.74	-	33.73	36.33	7.60	30.36
PK	4.87544G	55.35	74.00	-18.65	8.30	3	Horizontal	0	2.46	-	47.05	31.10	6.58	29.38
PK	7.30218G	61.99	74.00	-12.01	13.55	3	Horizontal	20	1.74	-	48.44	36.30	7.60	30.35

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2457MHz_TX

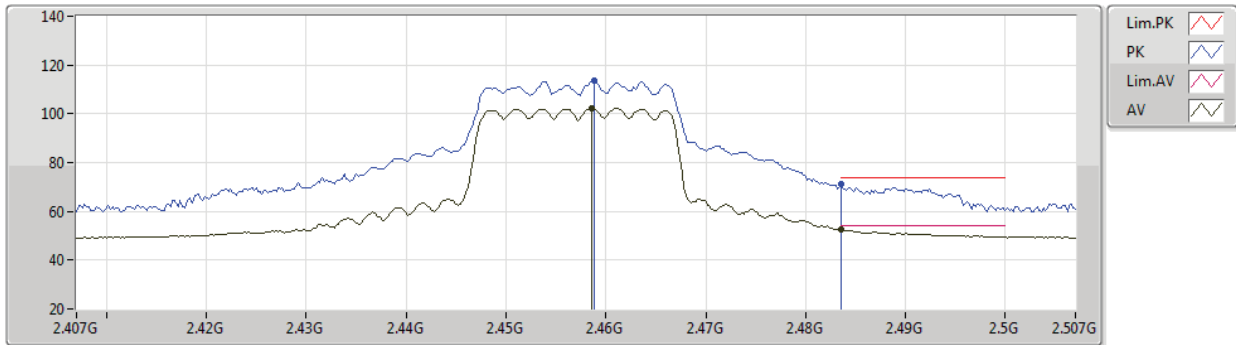


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4522G	99.38	Inf	-Inf	31.85	3	Vertical	19	1.30	-	67.53	27.50	4.35	-
AV	2.4835G	51.88	54.00	-2.12	31.81	3	Vertical	19	1.30	-	20.07	27.43	4.38	-
PK	2.462G	110.33	Inf	-Inf	31.84	3	Vertical	19	1.30	-	78.49	27.48	4.36	-
PK	2.4836G	69.09	74.00	-4.91	31.81	3	Vertical	19	1.30	-	37.28	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

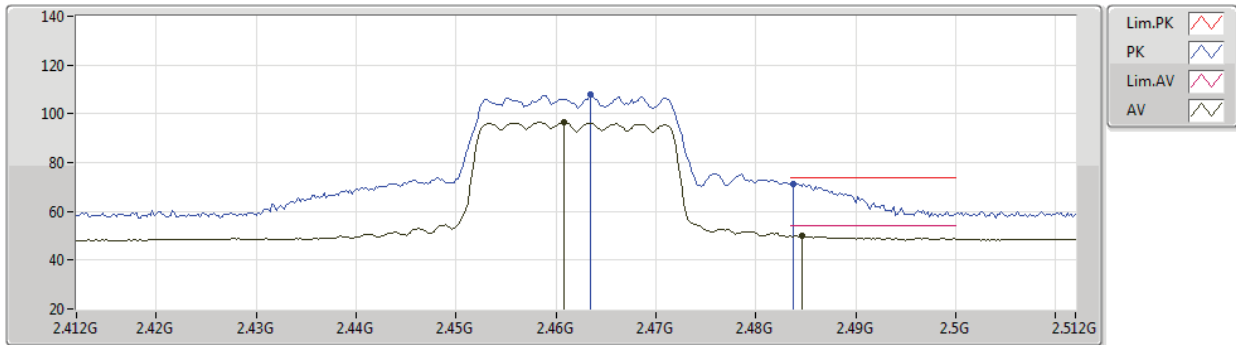
2457MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2462MHz_TX

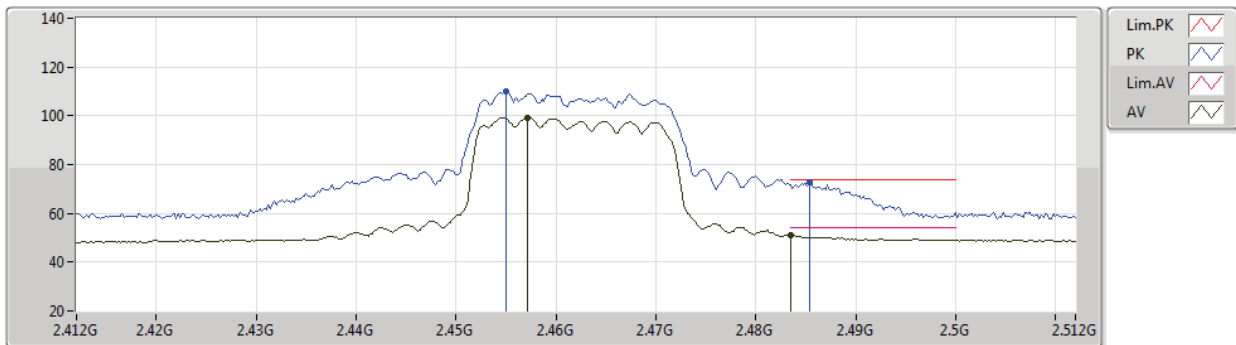


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4608G	96.35	Inf	-Inf	31.84	3	Vertical	18	1.54	-	64.51	27.48	4.36	-
AV	2.4846G	49.76	54.00	-4.24	31.81	3	Vertical	18	1.54	-	17.95	27.43	4.38	-
PK	2.4634G	108.06	Inf	-Inf	31.83	3	Vertical	18	1.54	-	76.23	27.47	4.36	-
PK	2.4838G	71.24	74.00	-2.76	31.81	3	Vertical	18	1.54	-	39.43	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2462MHz_TX

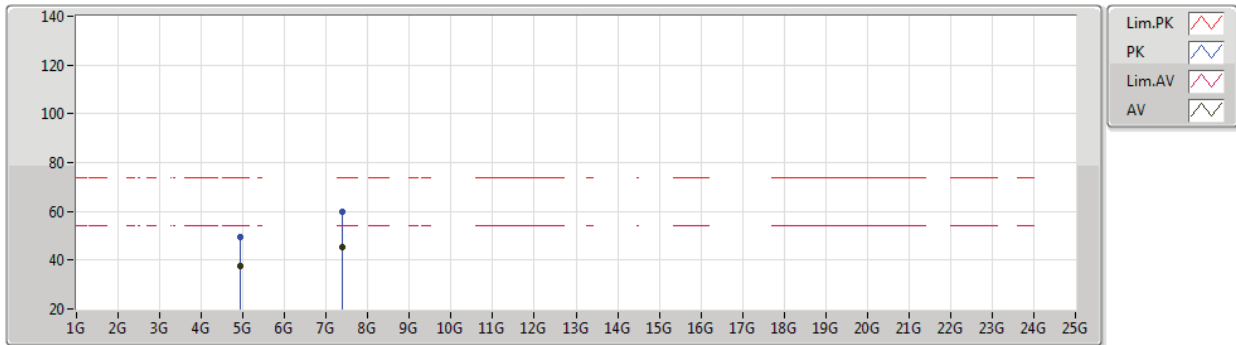


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4572G	99.14	Inf	-Inf	31.85	3	Horizontal	0	2.09	-	67.29	27.49	4.36	-
AV	2.4835G	51.09	54.00	-2.91	31.81	3	Horizontal	0	2.09	-	19.28	27.43	4.38	-
PK	2.455G	109.93	Inf	-Inf	31.84	3	Horizontal	0	2.09	-	78.09	27.49	4.35	-
PK	2.4854G	72.72	74.00	-1.28	31.82	3	Horizontal	0	2.09	-	40.90	27.43	4.39	-

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2462MHz_TX

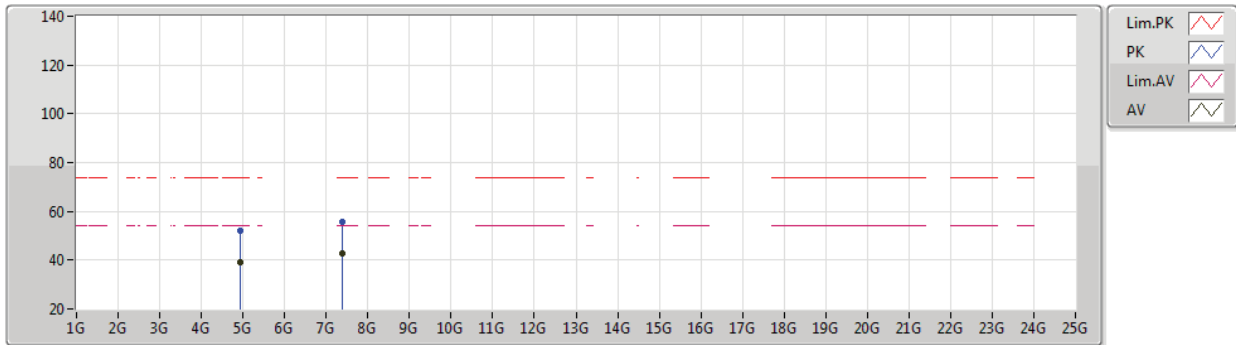


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92472G	37.44	54.00	-16.56	8.42	3	Vertical	355	1.97	-	29.02	31.15	6.62	29.35
AV	7.3856G	45.42	54.00	-8.58	13.30	3	Vertical	13	1.65	-	32.12	36.12	7.60	30.42
PK	4.92992G	49.54	74.00	-24.46	8.44	3	Vertical	355	1.97	-	41.10	31.16	6.63	29.35
PK	7.38336G	60.05	74.00	-13.95	13.31	3	Vertical	13	1.65	-	46.74	36.13	7.60	30.42

802.11ax HEW20_Nss1,(MCS0)_2TX

09/08/2020

2462MHz_TX

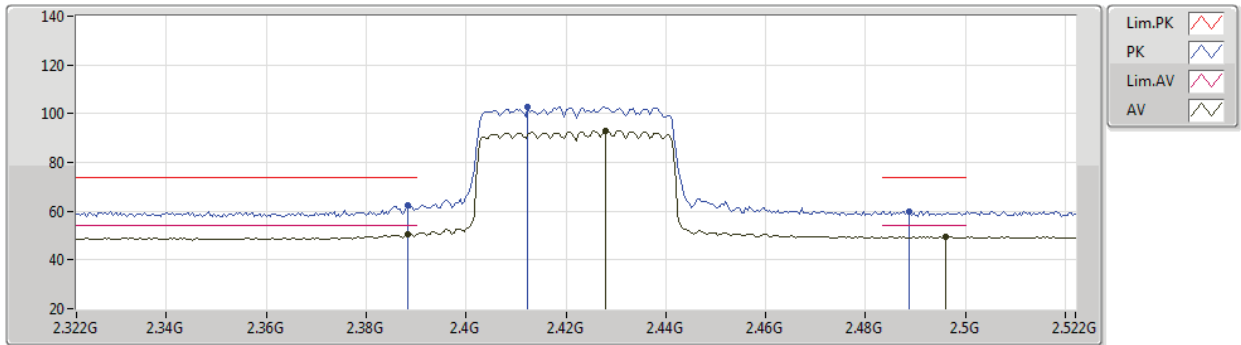


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92544G	38.94	54.00	-15.06	8.43	3	Horizontal	18	1.28	-	30.51	31.15	6.63	29.35
AV	7.38544G	42.72	54.00	-11.28	13.30	3	Horizontal	296	1.68	-	29.42	36.12	7.60	30.42
PK	4.92352G	51.85	74.00	-22.15	8.41	3	Horizontal	18	1.28	-	43.44	31.15	6.62	29.36
PK	7.37728G	55.55	74.00	-18.45	13.37	3	Horizontal	296	1.68	-	42.18	36.18	7.60	30.41

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2422MHz_TX

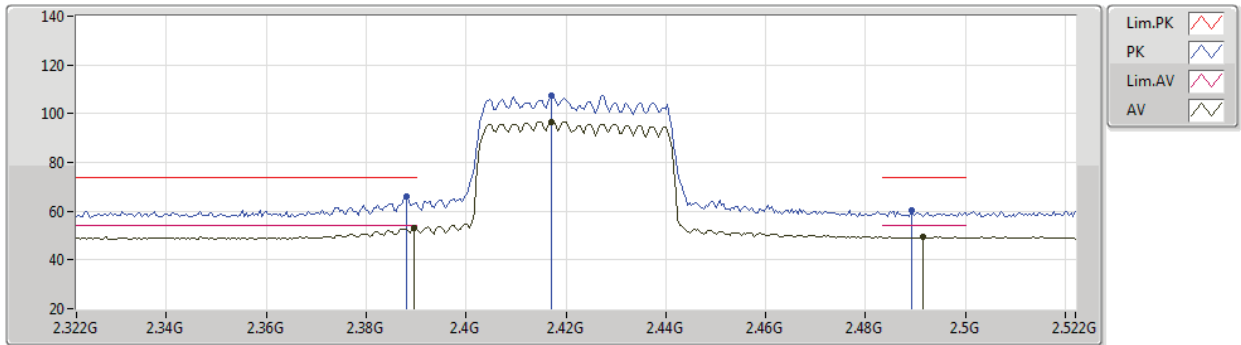


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	50.70	54.00	-3.30	31.91	3	Vertical	21	1.36	-	18.79	27.62	4.29	-
AV	2.428G	92.92	Inf	-Inf	31.87	3	Vertical	21	1.36	-	61.05	27.54	4.33	-
AV	2.496G	49.52	54.00	-4.48	31.81	3	Vertical	21	1.36	-	17.71	27.41	4.40	-
PK	2.3884G	62.60	74.00	-11.40	31.91	3	Vertical	21	1.36	-	30.69	27.62	4.29	-
PK	2.4124G	102.81	Inf	-Inf	31.89	3	Vertical	21	1.36	-	70.92	27.58	4.31	-
PK	2.4888G	60.03	74.00	-13.97	31.81	3	Vertical	21	1.36	-	28.22	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2422MHz_TX

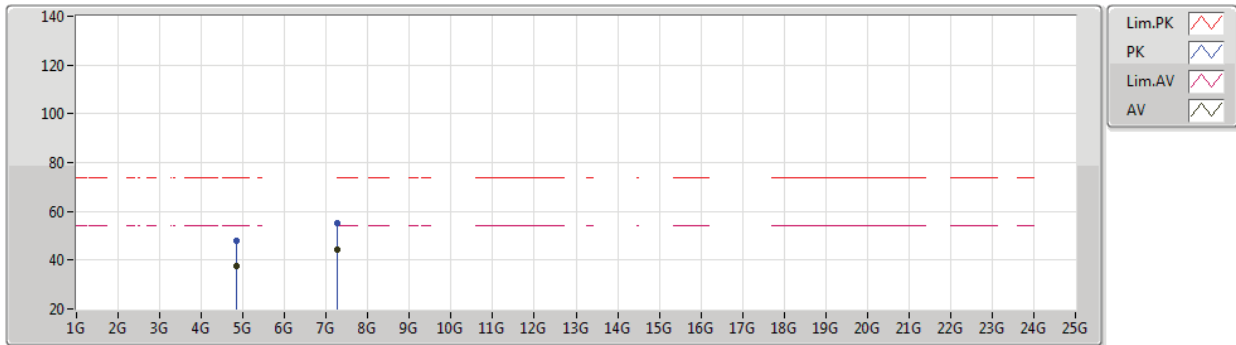


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3896G	52.85	54.00	-1.15	31.91	3	Horizontal	304	1.20	-	20.94	27.62	4.29	-
AV	2.4172G	96.68	Inf	-Inf	31.89	3	Horizontal	304	1.20	-	64.79	27.57	4.32	-
AV	2.4916G	49.26	54.00	-4.74	31.81	3	Horizontal	304	1.20	-	17.45	27.42	4.39	-
PK	2.388G	66.25	74.00	-7.75	31.91	3	Horizontal	304	1.20	-	34.34	27.62	4.29	-
PK	2.4172G	107.59	Inf	-Inf	31.89	3	Horizontal	304	1.20	-	75.70	27.57	4.32	-
PK	2.4892G	60.32	74.00	-13.68	31.81	3	Horizontal	304	1.20	-	28.51	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2422MHz_TX

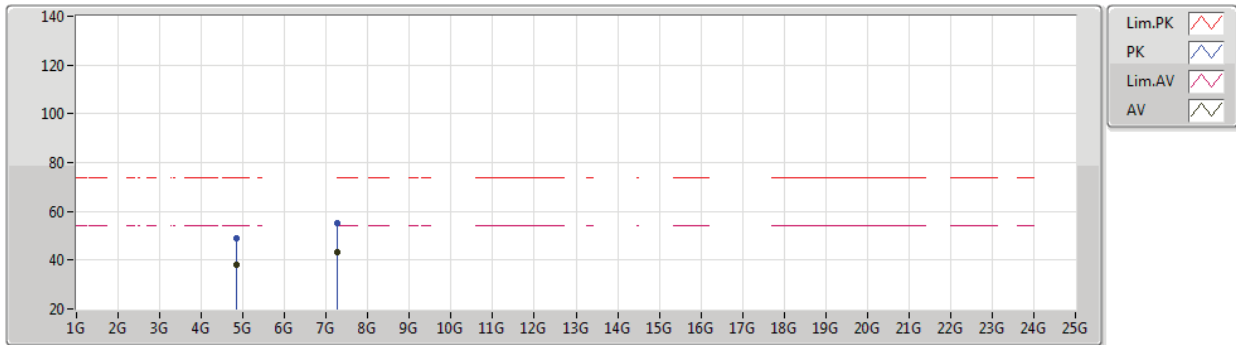


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8468G	37.48	54.00	-16.52	8.26	3	Vertical	359	2.01	-	29.22	31.10	6.55	29.39
AV	7.26256G	44.43	54.00	-9.57	13.58	3	Vertical	2	1.71	-	30.85	36.30	7.60	30.32
PK	4.85664G	48.13	74.00	-25.87	8.27	3	Vertical	359	2.01	-	39.86	31.10	6.56	29.39
PK	7.26432G	55.26	74.00	-18.74	13.58	3	Vertical	2	1.71	-	41.68	36.30	7.60	30.32

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2422MHz_TX

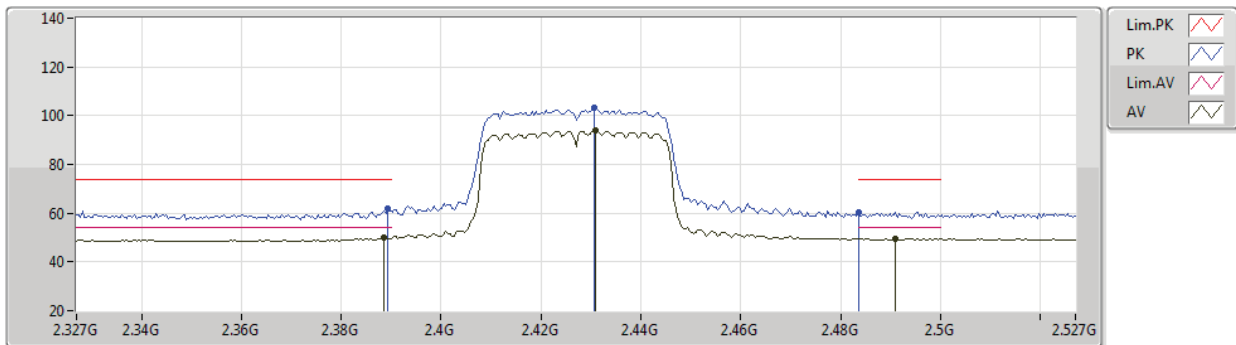


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8453G	38.02	54.00	-15.98	8.26	3	Horizontal	16	1.49	-	29.76	31.10	6.55	29.39
AV	7.26256G	43.29	54.00	-10.71	13.58	3	Horizontal	290	1.76	-	29.71	36.30	7.60	30.32
PK	4.849G	48.71	74.00	-25.29	8.26	3	Horizontal	16	1.49	-	40.45	31.10	6.55	29.39
PK	7.26224G	54.93	74.00	-19.07	13.58	3	Horizontal	290	1.76	-	41.35	36.30	7.60	30.32

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2427MHz_TX

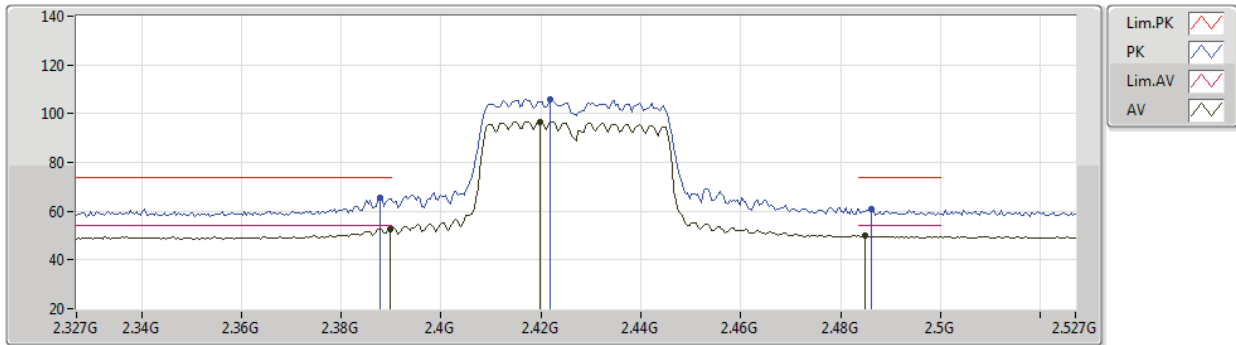


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	50.07	54.00	-3.93	31.91	3	Vertical	18	1.09	-	18.16	27.62	4.29	-
AV	2.431G	93.77	Inf	-Inf	31.87	3	Vertical	18	1.09	-	61.90	27.54	4.33	-
AV	2.491G	49.52	54.00	-4.48	31.81	3	Vertical	18	1.09	-	17.71	27.42	4.39	-
PK	2.3894G	61.81	74.00	-12.19	31.91	3	Vertical	18	1.09	-	29.90	27.62	4.29	-
PK	2.4306G	103.05	Inf	-Inf	31.87	3	Vertical	18	1.09	-	71.18	27.54	4.33	-
PK	2.4835G	60.60	74.00	-13.40	31.81	3	Vertical	18	1.09	-	28.79	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2427MHz_TX

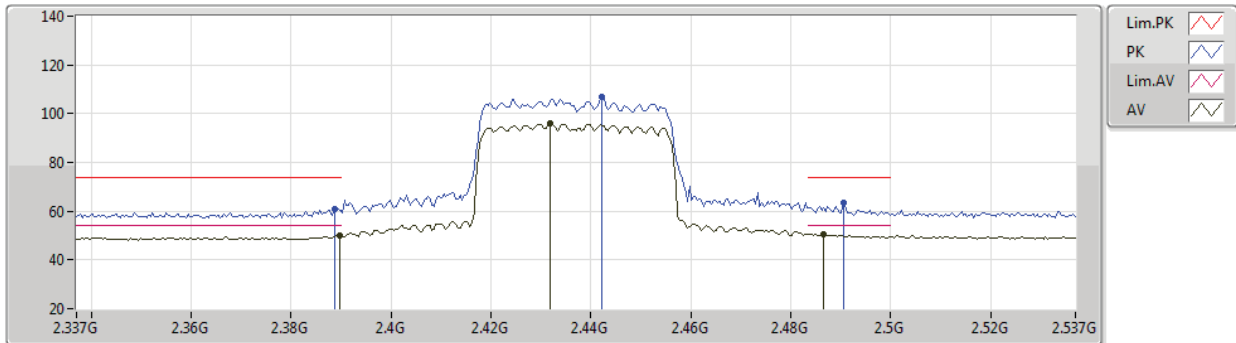


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.69	54.00	-1.31	31.91	3	Horizontal	299	1.20	-	20.78	27.62	4.29	-
AV	2.4198G	96.81	Inf	-Inf	31.88	3	Horizontal	299	1.20	-	64.93	27.56	4.32	-
AV	2.485G	49.76	54.00	-4.24	31.81	3	Horizontal	299	1.20	-	17.95	27.43	4.38	-
PK	2.3878G	65.77	74.00	-8.23	31.91	3	Horizontal	299	1.20	-	33.86	27.62	4.29	-
PK	2.4218G	106.08	Inf	-Inf	31.88	3	Horizontal	299	1.20	-	74.20	27.56	4.32	-
PK	2.4862G	60.88	74.00	-13.12	31.82	3	Horizontal	299	1.20	-	29.06	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2437MHz_TX

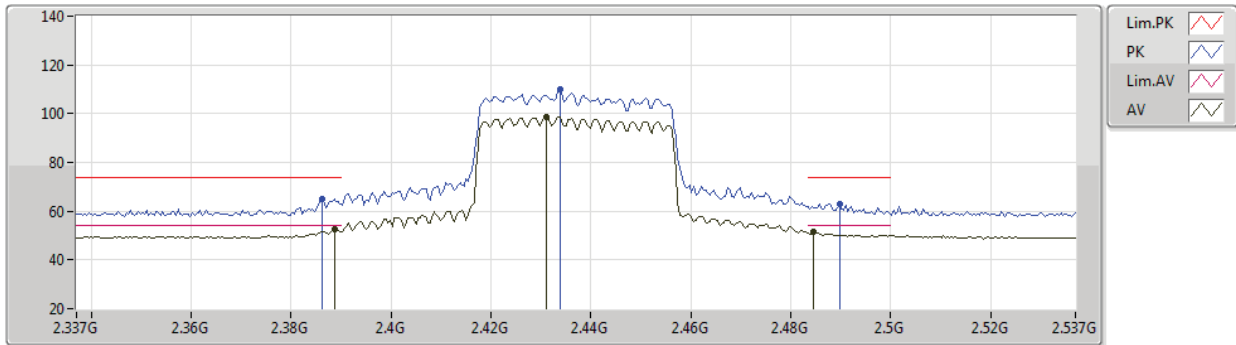


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.09	54.00	-3.91	31.91	3	Vertical	21	1.36	-	18.18	27.62	4.29	-
AV	2.4318G	95.79	Inf	-Inf	31.87	3	Vertical	21	1.36	-	63.92	27.54	4.33	-
AV	2.4866G	50.68	54.00	-3.32	31.82	3	Vertical	21	1.36	-	18.86	27.43	4.39	-
PK	2.3886G	60.98	74.00	-13.02	31.91	3	Vertical	21	1.36	-	29.07	27.62	4.29	-
PK	2.4422G	106.96	Inf	-Inf	31.86	3	Vertical	21	1.36	-	75.10	27.52	4.34	-
PK	2.4906G	63.56	74.00	-10.44	31.81	3	Vertical	21	1.36	-	31.75	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2437MHz_TX

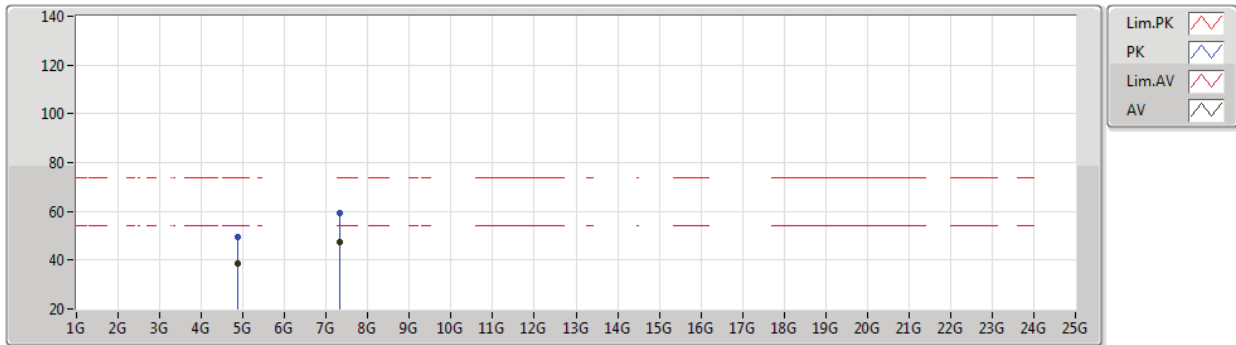


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	52.68	54.00	-1.32	31.91	3	Horizontal	302	1.09	-	20.77	27.62	4.29	-
AV	2.431G	98.79	Inf	-Inf	31.87	3	Horizontal	302	1.09	-	66.92	27.54	4.33	-
AV	2.4846G	51.30	54.00	-2.70	31.81	3	Horizontal	302	1.09	-	19.49	27.43	4.38	-
PK	2.3862G	65.21	74.00	-8.79	31.92	3	Horizontal	302	1.09	-	33.29	27.63	4.29	-
PK	2.4338G	109.97	Inf	-Inf	31.86	3	Horizontal	302	1.09	-	78.11	27.53	4.33	-
PK	2.4898G	62.89	74.00	-11.11	31.81	3	Horizontal	302	1.09	-	31.08	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2437MHz_TX

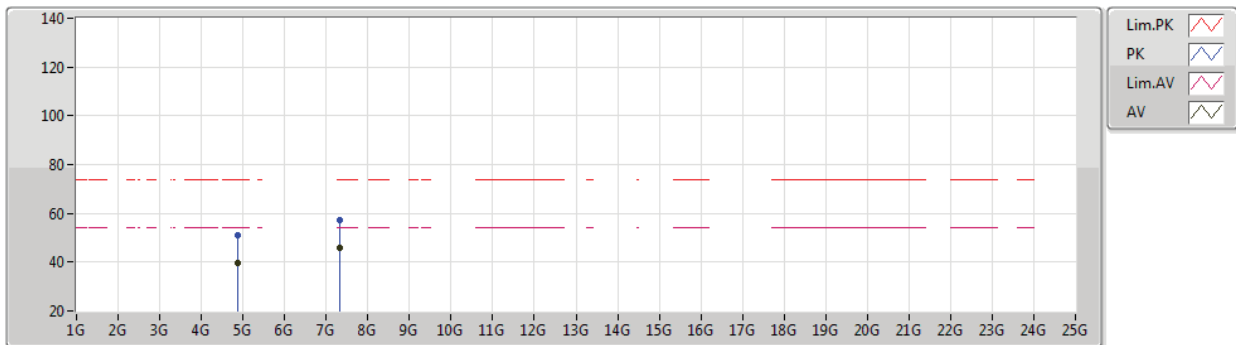


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87488G	38.61	54.00	-15.39	8.29	3	Vertical	351	2.24	-	30.32	31.10	6.57	29.38
AV	7.31924G	47.30	54.00	-6.70	13.58	3	Vertical	6	1.75	-	33.72	36.34	7.60	30.36
PK	4.88712G	49.51	74.00	-24.49	8.32	3	Vertical	351	2.24	-	41.19	31.10	6.59	29.37
PK	7.3186G	59.17	74.00	-14.83	13.58	3	Vertical	6	1.75	-	45.59	36.34	7.60	30.36

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2437MHz_TX

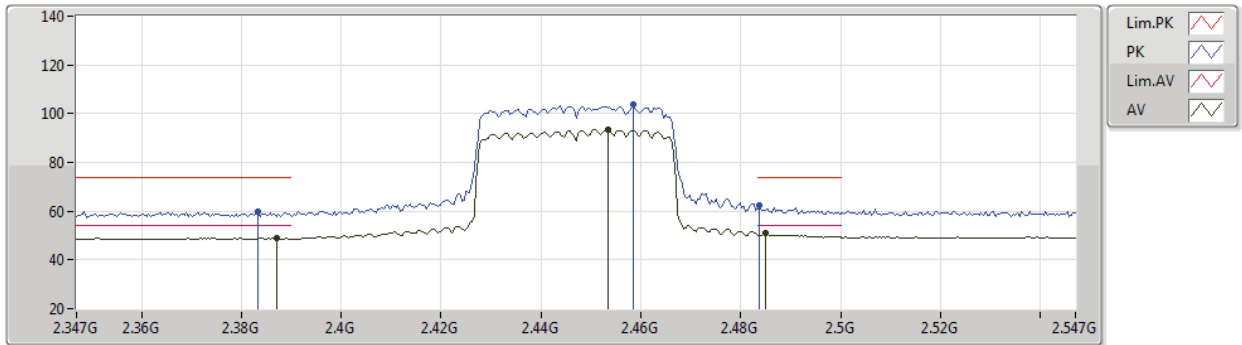


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87592G	39.78	54.00	-14.22	8.30	3	Horizontal	20	1.48	-	31.48	31.10	6.58	29.38
AV	7.31228G	45.62	54.00	-8.38	13.56	3	Horizontal	287	2.18	-	32.06	36.32	7.60	30.36
PK	4.87288G	50.99	74.00	-23.01	8.29	3	Horizontal	20	1.48	-	42.70	31.10	6.57	29.38
PK	7.31796G	57.15	74.00	-16.85	13.58	3	Horizontal	287	2.18	-	43.57	36.34	7.60	30.36

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2447MHz_TX

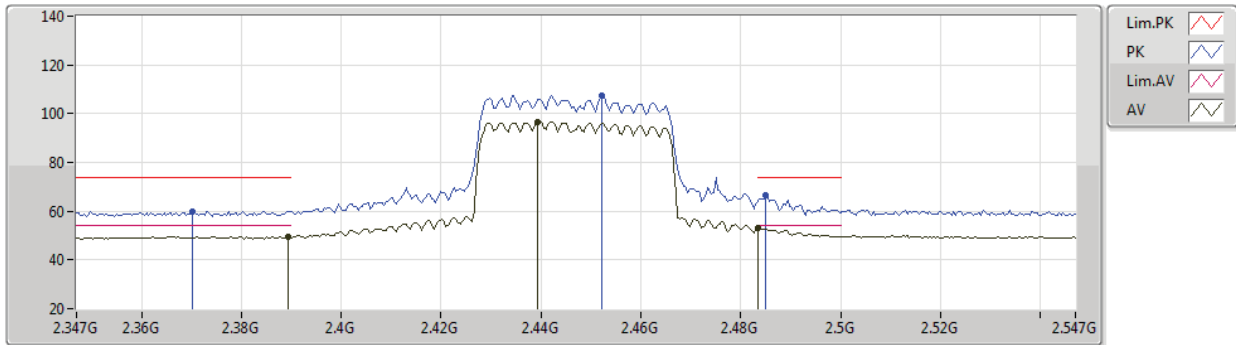


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	49.15	54.00	-4.85	31.92	3	Vertical	15	1.55	-	17.23	27.63	4.29	-
AV	2.4534G	93.51	Inf	-Inf	31.84	3	Vertical	15	1.55	-	61.67	27.49	4.35	-
AV	2.485G	51.09	54.00	-2.91	31.81	3	Vertical	15	1.55	-	19.28	27.43	4.38	-
PK	2.3834G	59.88	74.00	-14.12	31.91	3	Vertical	15	1.55	-	27.97	27.63	4.28	-
PK	2.4586G	103.70	Inf	-Inf	31.84	3	Vertical	15	1.55	-	71.86	27.48	4.36	-
PK	2.4838G	62.34	74.00	-11.66	31.81	3	Vertical	15	1.55	-	30.53	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2447MHz_TX

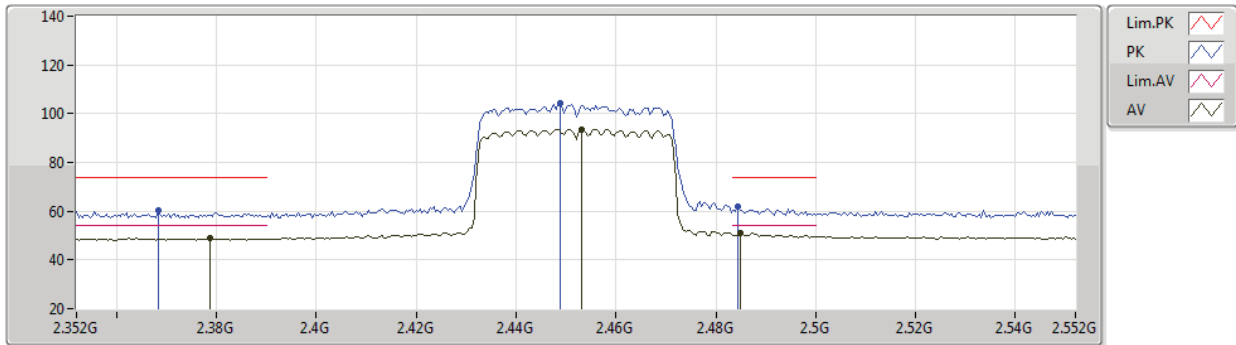


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	49.64	54.00	-4.36	31.91	3	Horizontal	302	1.01	-	17.73	27.62	4.29	-
AV	2.4394G	96.70	Inf	-Inf	31.86	3	Horizontal	302	1.01	-	64.84	27.52	4.34	-
AV	2.4835G	52.95	54.00	-1.05	31.81	3	Horizontal	302	1.01	-	21.14	27.43	4.38	-
PK	2.3702G	60.06	74.00	-13.94	31.93	3	Horizontal	302	1.01	-	28.13	27.66	4.27	-
PK	2.4522G	107.61	Inf	-Inf	31.85	3	Horizontal	302	1.01	-	75.76	27.50	4.35	-
PK	2.485G	66.66	74.00	-7.34	31.81	3	Horizontal	302	1.01	-	34.85	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2452MHz_TX

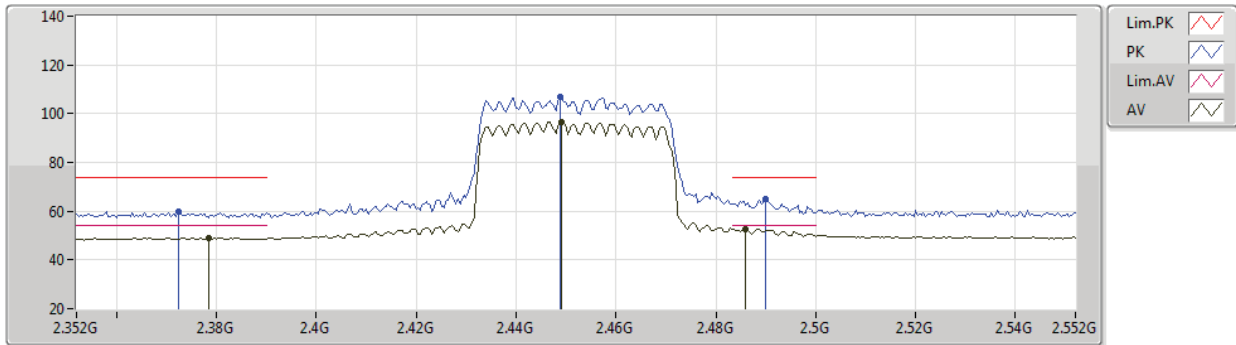


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3788G	48.85	54.00	-5.15	31.92	3	Vertical	15	1.28	-	16.93	27.64	4.28	-
AV	2.4532G	93.54	Inf	-Inf	31.84	3	Vertical	15	1.28	-	61.70	27.49	4.35	-
AV	2.4848G	51.09	54.00	-2.91	31.81	3	Vertical	15	1.28	-	19.28	27.43	4.38	-
PK	2.3684G	60.12	74.00	-13.88	31.93	3	Vertical	15	1.28	-	28.19	27.66	4.27	-
PK	2.4488G	104.13	Inf	-Inf	31.85	3	Vertical	15	1.28	-	72.28	27.50	4.35	-
PK	2.4844G	61.70	74.00	-12.30	31.81	3	Vertical	15	1.28	-	29.89	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2452MHz_TX

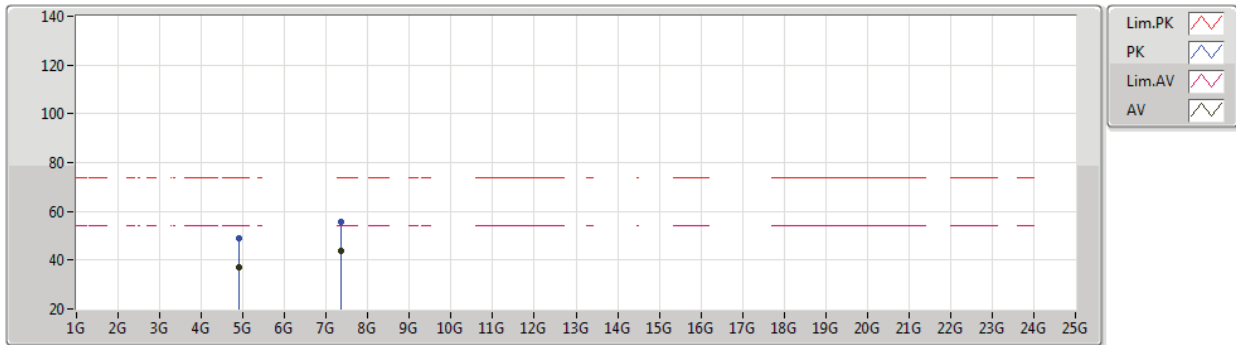


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3784G	49.10	54.00	-4.90	31.92	3	Horizontal	0	1.01	-	17.18	27.64	4.28	-
AV	2.4492G	96.49	Inf	-Inf	31.85	3	Horizontal	0	1.01	-	64.64	27.50	4.35	-
AV	2.486G	52.62	54.00	-1.38	31.82	3	Horizontal	0	1.01	-	20.80	27.43	4.39	-
PK	2.3724G	59.79	74.00	-14.21	31.93	3	Horizontal	0	1.01	-	27.86	27.66	4.27	-
PK	2.4488G	107.13	Inf	-Inf	31.85	3	Horizontal	0	1.01	-	75.28	27.50	4.35	-
PK	2.49G	65.12	74.00	-8.88	31.81	3	Horizontal	0	1.01	-	33.31	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

2452MHz_TX

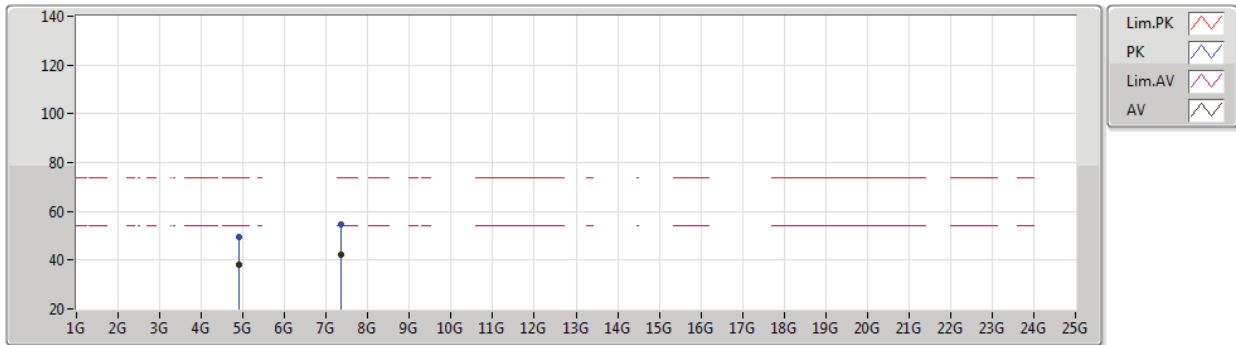


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90656G	37.13	54.00	-16.87	8.36	3	Vertical	355	1.76	-	28.77	31.11	6.61	29.36
AV	7.35848G	43.91	54.00	-10.09	13.53	3	Vertical	14	2.90	-	30.38	36.33	7.60	30.40
PK	4.90872G	48.80	74.00	-25.20	8.37	3	Vertical	355	1.76	-	40.43	31.12	6.61	29.36
PK	7.35608G	55.69	74.00	-18.31	13.55	3	Vertical	14	2.90	-	42.14	36.35	7.60	30.40

802.11ax HEW40_Nss1,(MCS0)_2TX

09/08/2020

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	4.906G	37.99	54.00	-16.01	8.36	3	Horizontal	21	1.49	-	29.63	31.11	6.61	29.36
AV	7.35296G	42.42	54.00	-11.58	13.59	3	Horizontal	293	1.69	-	28.83	36.38	7.60	30.39
PK	4.91056G	49.58	74.00	-24.42	8.37	3	Horizontal	21	1.49	-	41.21	31.12	6.61	29.36
PK	7.34304G	54.56	74.00	-19.44	13.60	3	Horizontal	293	1.69	-	40.96	36.39	7.60	30.39



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1.(MCS0)_2TX	Pass	PK	41.64M	35.99	40.00	-4.01	3	Vertical	360	1.00	-

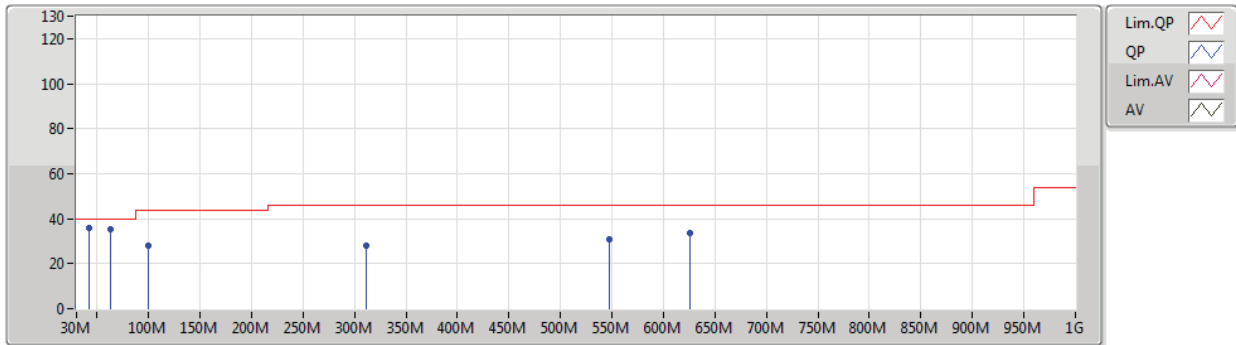
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	41.64M	35.99	40.00	-4.01	3	Vertical	360	1.00	-
2437MHz	Pass	PK	62.98M	35.55	40.00	-4.45	3	Vertical	360	1.00	-
2437MHz	Pass	PK	99.84M	28.13	43.50	-15.37	3	Vertical	360	1.00	-
2437MHz	Pass	PK	311.3M	27.85	46.00	-18.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	547.98M	30.85	46.00	-15.15	3	Vertical	360	1.00	-
2437MHz	Pass	PK	625.58M	33.75	46.00	-12.25	3	Vertical	360	1.00	-
2437MHz	Pass	PK	62.98M	30.80	40.00	-9.20	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	99.84M	28.43	43.50	-15.07	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	258.92M	25.02	46.00	-20.98	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	408.3M	28.24	46.00	-17.76	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	565.44M	31.29	46.00	-14.71	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	625.58M	32.73	46.00	-13.27	3	Horizontal	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

12/08/2020

2437MHz_Adapter

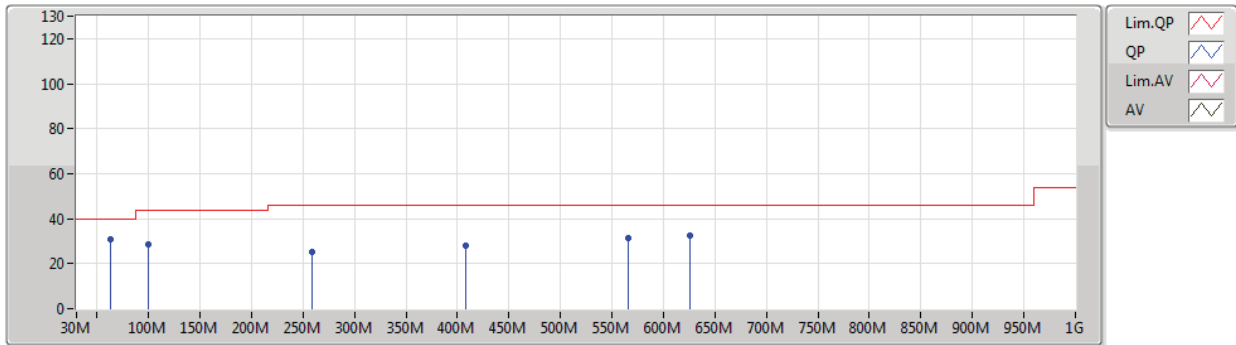


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	41.64M	35.99	40.00	-4.01	-9.82	3	Vertical	360	1.00	-	45.81	16.72	1.00	27.54
PK	62.98M	35.55	40.00	-4.45	-14.81	3	Vertical	360	1.00	-	50.36	11.41	1.26	27.48
PK	99.84M	28.13	43.50	-15.37	-9.86	3	Vertical	360	1.00	-	37.99	15.93	1.60	27.39
PK	311.3M	27.85	46.00	-18.15	-5.09	3	Vertical	360	1.00	-	32.94	18.68	2.95	26.72
PK	547.98M	30.85	46.00	-15.15	-0.17	3	Vertical	360	1.00	-	31.02	23.95	3.89	28.01
PK	625.58M	33.75	46.00	-12.25	-0.01	3	Vertical	360	1.00	-	33.76	23.85	4.20	28.06

802.11ax HEW40_Nss1,(MCS0)_2TX

12/08/2020

2437MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	62.98M	30.80	40.00	-9.20	-14.81	3	Horizontal	0	1.00	-	45.61	11.41	1.26	27.48
PK	99.84M	28.43	43.50	-15.07	-9.86	3	Horizontal	0	1.00	-	38.29	15.93	1.60	27.39
PK	258.92M	25.02	46.00	-20.98	-5.28	3	Horizontal	0	1.00	-	30.30	18.77	2.65	26.70
PK	408.3M	28.24	46.00	-17.76	-2.54	3	Horizontal	0	1.00	-	30.78	21.46	3.32	27.32
PK	565.44M	31.29	46.00	-14.71	-0.35	3	Horizontal	0	1.00	-	31.64	23.71	3.96	28.02
PK	625.58M	32.73	46.00	-13.27	-0.01	3	Horizontal	0	1.00	-	32.74	23.85	4.20	28.06

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	7.31178G	52.53	54.00	-1.47	3	Vertical	215	2.37	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	52.99	54.00	-1.01	3	Vertical	360	2.41	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	2.38G	72.92	74.00	-1.08	3	Vertical	0	1.73	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.3874G	53.00	54.00	-1.00	3	Vertical	0	1.72	-

**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	2.3868G	49.30	54.00	-4.70	3	Vertical	109	1.23	-
2412MHz	Pass	AV	2.4112G	109.35	Inf	-Inf	3	Vertical	109	1.23	-
2412MHz	Pass	PK	2.387G	60.01	74.00	-13.99	3	Vertical	109	1.23	-
2412MHz	Pass	PK	2.411G	113.19	Inf	-Inf	3	Vertical	109	1.23	-
2412MHz	Pass	AV	2.3818G	46.43	54.00	-7.57	3	Horizontal	41	1.07	-
2412MHz	Pass	AV	2.4112G	104.37	Inf	-Inf	3	Horizontal	41	1.07	-
2412MHz	Pass	PK	2.3856G	57.71	74.00	-16.29	3	Horizontal	41	1.07	-
2412MHz	Pass	PK	2.411G	108.16	Inf	-Inf	3	Horizontal	41	1.07	-
2412MHz	Pass	AV	4.824G	51.34	54.00	-2.66	3	Vertical	322	2.24	-
2412MHz	Pass	PK	4.82393G	54.67	74.00	-19.33	3	Vertical	322	2.24	-
2412MHz	Pass	AV	4.82398G	52.47	54.00	-1.53	3	Horizontal	227	2.56	-
2412MHz	Pass	PK	4.82393G	55.26	74.00	-18.74	3	Horizontal	227	2.56	-
2437MHz	Pass	AV	2.389G	45.42	54.00	-8.58	3	Vertical	97	1.01	-
2437MHz	Pass	AV	2.4362G	107.00	Inf	-Inf	3	Vertical	97	1.01	-
2437MHz	Pass	AV	2.4835G	45.06	54.00	-8.94	3	Vertical	97	1.01	-
2437MHz	Pass	PK	2.3834G	57.51	74.00	-16.49	3	Vertical	97	1.01	-
2437MHz	Pass	PK	2.4378G	111.20	Inf	-Inf	3	Vertical	97	1.01	-
2437MHz	Pass	PK	2.4842G	56.58	74.00	-17.42	3	Vertical	97	1.01	-
2437MHz	Pass	AV	2.3394G	44.82	54.00	-9.18	3	Horizontal	65	3.00	-
2437MHz	Pass	AV	2.4378G	101.88	Inf	-Inf	3	Horizontal	65	3.00	-
2437MHz	Pass	AV	2.4835G	44.69	54.00	-9.31	3	Horizontal	65	3.00	-
2437MHz	Pass	PK	2.3426G	57.37	74.00	-16.63	3	Horizontal	65	3.00	-
2437MHz	Pass	PK	2.4378G	106.04	Inf	-Inf	3	Horizontal	65	3.00	-
2437MHz	Pass	PK	2.497G	56.86	74.00	-17.14	3	Horizontal	65	3.00	-
2437MHz	Pass	AV	4.87399G	50.78	54.00	-3.22	3	Vertical	198	2.97	-
2437MHz	Pass	AV	7.31178G	52.53	54.00	-1.47	3	Vertical	215	2.37	-
2437MHz	Pass	PK	4.87399G	53.80	74.00	-20.20	3	Vertical	198	2.97	-
2437MHz	Pass	PK	7.31134G	57.86	74.00	-16.14	3	Vertical	215	2.37	-
2437MHz	Pass	AV	4.874G	49.98	54.00	-4.02	3	Horizontal	3	2.80	-
2437MHz	Pass	AV	7.31176G	49.30	54.00	-4.70	3	Horizontal	141	2.29	-
2437MHz	Pass	PK	4.87396G	53.55	74.00	-20.45	3	Horizontal	3	2.80	-
2437MHz	Pass	PK	7.31165G	55.73	74.00	-18.27	3	Horizontal	141	2.29	-
2462MHz	Pass	AV	2.4612G	108.51	Inf	-Inf	3	Vertical	94	1.28	-
2462MHz	Pass	AV	2.4838G	48.32	54.00	-5.68	3	Vertical	94	1.28	-
2462MHz	Pass	PK	2.463G	112.51	Inf	-Inf	3	Vertical	94	1.28	-
2462MHz	Pass	PK	2.4838G	59.76	74.00	-14.24	3	Vertical	94	1.28	-
2462MHz	Pass	AV	2.4612G	104.21	Inf	-Inf	3	Horizontal	65	2.66	-
2462MHz	Pass	AV	2.4835G	47.72	54.00	-6.28	3	Horizontal	65	2.66	-
2462MHz	Pass	PK	2.461G	107.98	Inf	-Inf	3	Horizontal	65	2.66	-
2462MHz	Pass	PK	2.4838G	58.63	74.00	-15.37	3	Horizontal	65	2.66	-
2462MHz	Pass	AV	4.92398G	50.45	54.00	-3.55	3	Vertical	188	2.87	-
2462MHz	Pass	AV	7.38673G	52.39	54.00	-1.61	3	Vertical	212	2.20	-
2462MHz	Pass	PK	4.92395G	53.73	74.00	-20.27	3	Vertical	188	2.87	-
2462MHz	Pass	PK	7.38675G	57.74	74.00	-16.26	3	Vertical	212	2.20	-
2462MHz	Pass	AV	4.92397G	49.87	54.00	-4.13	3	Horizontal	0	2.74	-
2462MHz	Pass	AV	7.3852G	49.09	54.00	-4.91	3	Horizontal	143	2.23	-
2462MHz	Pass	PK	4.92397G	53.17	74.00	-20.83	3	Horizontal	0	2.74	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2462MHz	Pass	PK	7.38484G	55.70	74.00	-18.30	3	Horizontal	143	2.23	-
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.99	54.00	-1.01	3	Vertical	360	2.41	-
2412MHz	Pass	AV	2.4072G	98.27	Inf	-Inf	3	Vertical	360	2.41	-
2412MHz	Pass	PK	2.39G	71.16	74.00	-2.84	3	Vertical	360	2.41	-
2412MHz	Pass	PK	2.4168G	107.26	Inf	-Inf	3	Vertical	360	2.41	-
2412MHz	Pass	AV	2.39G	52.99	54.00	-1.01	3	Horizontal	226	2.81	-
2412MHz	Pass	AV	2.4072G	97.70	Inf	-Inf	3	Horizontal	226	2.81	-
2412MHz	Pass	PK	2.3896G	70.98	74.00	-3.02	3	Horizontal	226	2.81	-
2412MHz	Pass	PK	2.4118G	106.66	Inf	-Inf	3	Horizontal	226	2.81	-
2412MHz	Pass	AV	4.824G	36.97	54.00	-17.03	3	Vertical	158	1.47	-
2412MHz	Pass	PK	4.82308G	49.37	74.00	-24.63	3	Vertical	158	1.47	-
2412MHz	Pass	AV	4.82696G	37.76	54.00	-16.24	3	Horizontal	186	2.52	-
2412MHz	Pass	PK	4.82716G	49.70	74.00	-24.30	3	Horizontal	186	2.52	-
2417MHz	Pass	AV	2.3876G	51.21	54.00	-2.79	3	Vertical	353	2.40	-
2417MHz	Pass	AV	2.4122G	99.64	Inf	-Inf	3	Vertical	353	2.40	-
2417MHz	Pass	PK	2.383G	71.37	74.00	-2.63	3	Vertical	353	2.40	-
2417MHz	Pass	PK	2.422G	108.67	Inf	-Inf	3	Vertical	353	2.40	-
2417MHz	Pass	AV	2.39G	48.80	54.00	-5.20	3	Horizontal	298	1.06	-
2417MHz	Pass	AV	2.4122G	96.18	Inf	-Inf	3	Horizontal	298	1.06	-
2417MHz	Pass	PK	2.3846G	67.21	74.00	-6.79	3	Horizontal	298	1.06	-
2417MHz	Pass	PK	2.4126G	105.01	Inf	-Inf	3	Horizontal	298	1.06	-
2437MHz	Pass	AV	2.387G	48.53	54.00	-5.47	3	Vertical	360	1.66	-
2437MHz	Pass	AV	2.4302G	99.11	Inf	-Inf	3	Vertical	360	1.66	-
2437MHz	Pass	AV	2.4954G	48.13	54.00	-5.87	3	Vertical	360	1.66	-
2437MHz	Pass	PK	2.3874G	64.87	74.00	-9.13	3	Vertical	360	1.66	-
2437MHz	Pass	PK	2.4302G	108.46	Inf	-Inf	3	Vertical	360	1.66	-
2437MHz	Pass	PK	2.495G	59.34	74.00	-14.66	3	Vertical	360	1.66	-
2437MHz	Pass	AV	2.3898G	48.56	54.00	-5.44	3	Horizontal	224	2.85	-
2437MHz	Pass	AV	2.4302G	99.30	Inf	-Inf	3	Horizontal	224	2.85	-
2437MHz	Pass	AV	2.4858G	48.40	54.00	-5.60	3	Horizontal	224	2.85	-
2437MHz	Pass	PK	2.3882G	65.33	74.00	-8.67	3	Horizontal	224	2.85	-
2437MHz	Pass	PK	2.4302G	108.71	Inf	-Inf	3	Horizontal	224	2.85	-
2437MHz	Pass	PK	2.4942G	60.05	74.00	-13.95	3	Horizontal	224	2.85	-
2437MHz	Pass	AV	4.8726G	36.35	54.00	-17.65	3	Vertical	158	2.22	-
2437MHz	Pass	AV	7.31192G	40.04	54.00	-13.96	3	Vertical	34	2.15	-
2437MHz	Pass	PK	4.87364G	48.18	74.00	-25.82	3	Vertical	158	2.22	-
2437MHz	Pass	PK	7.30528G	52.46	74.00	-21.54	3	Vertical	34	2.15	-
2437MHz	Pass	AV	4.8724G	36.05	54.00	-17.95	3	Horizontal	185	2.95	-
2437MHz	Pass	AV	7.31872G	39.36	54.00	-14.64	3	Horizontal	305	1.33	-
2437MHz	Pass	PK	4.87196G	48.98	74.00	-25.02	3	Horizontal	185	2.95	-
2437MHz	Pass	PK	7.31324G	51.55	74.00	-22.45	3	Horizontal	305	1.33	-
2457MHz	Pass	AV	2.4522G	99.15	Inf	-Inf	3	Vertical	360	2.66	-
2457MHz	Pass	AV	2.4852G	49.62	54.00	-4.38	3	Vertical	360	2.66	-
2457MHz	Pass	PK	2.4502G	108.58	Inf	-Inf	3	Vertical	360	2.66	-
2457MHz	Pass	PK	2.4872G	67.76	74.00	-6.24	3	Vertical	360	2.66	-
2457MHz	Pass	AV	2.4522G	99.26	Inf	-Inf	3	Horizontal	232	2.69	-
2457MHz	Pass	AV	2.4836G	50.48	54.00	-3.52	3	Horizontal	232	2.69	-
2457MHz	Pass	PK	2.462G	108.26	Inf	-Inf	3	Horizontal	232	2.69	-



RSE TX above 1GHz_Radio 3

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4872G	68.97	74.00	-5.03	3	Horizontal	232	2.69	-
2462MHz	Pass	AV	2.4686G	98.80	Inf	-Inf	3	Vertical	204	2.44	-
2462MHz	Pass	AV	2.4835G	52.16	54.00	-1.84	3	Vertical	204	2.44	-
2462MHz	Pass	PK	2.467G	108.12	Inf	-Inf	3	Vertical	204	2.44	-
2462MHz	Pass	PK	2.4836G	72.13	74.00	-1.87	3	Vertical	204	2.44	-
2462MHz	Pass	AV	2.455G	97.55	Inf	-Inf	3	Horizontal	233	2.69	-
2462MHz	Pass	AV	2.4835G	50.68	54.00	-3.32	3	Horizontal	233	2.69	-
2462MHz	Pass	PK	2.455G	107.13	Inf	-Inf	3	Horizontal	233	2.69	-
2462MHz	Pass	PK	2.4835G	69.95	74.00	-4.05	3	Horizontal	233	2.69	-
2462MHz	Pass	AV	4.924G	38.63	54.00	-15.37	3	Vertical	314	2.53	-
2462MHz	Pass	AV	7.381G	39.54	54.00	-14.46	3	Vertical	297	1.15	-
2462MHz	Pass	PK	4.92464G	49.83	74.00	-24.17	3	Vertical	314	2.53	-
2462MHz	Pass	PK	7.38368G	51.17	74.00	-22.83	3	Vertical	297	1.15	-
2462MHz	Pass	AV	4.92408G	38.88	54.00	-15.12	3	Horizontal	293	3.00	-
2462MHz	Pass	AV	7.3876G	39.44	54.00	-14.56	3	Horizontal	56	1.05	-
2462MHz	Pass	PK	4.93388G	50.00	74.00	-24.00	3	Horizontal	293	3.00	-
2462MHz	Pass	PK	7.37888G	51.45	74.00	-22.55	3	Horizontal	56	1.05	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	51.75	54.00	-2.25	3	Vertical	345	2.77	-
2412MHz	Pass	AV	2.4062G	95.77	Inf	-Inf	3	Vertical	345	2.77	-
2412MHz	Pass	PK	2.3898G	70.30	74.00	-3.70	3	Vertical	345	2.77	-
2412MHz	Pass	PK	2.409G	107.43	Inf	-Inf	3	Vertical	345	2.77	-
2412MHz	Pass	AV	2.39G	51.58	54.00	-2.42	3	Horizontal	227	2.81	-
2412MHz	Pass	AV	2.4162G	94.29	Inf	-Inf	3	Horizontal	227	2.81	-
2412MHz	Pass	PK	2.3894G	69.60	74.00	-4.40	3	Horizontal	227	2.81	-
2412MHz	Pass	PK	2.409G	106.24	Inf	-Inf	3	Horizontal	227	2.81	-
2412MHz	Pass	AV	4.82408G	35.08	54.00	-18.92	3	Vertical	149	1.48	-
2412MHz	Pass	PK	4.824G	47.49	74.00	-26.51	3	Vertical	149	1.48	-
2412MHz	Pass	AV	4.82288G	34.46	54.00	-19.54	3	Horizontal	304	2.91	-
2412MHz	Pass	PK	4.82064G	47.52	74.00	-26.48	3	Horizontal	304	2.91	-
2417MHz	Pass	AV	2.39G	49.91	54.00	-4.09	3	Vertical	0	1.73	-
2417MHz	Pass	AV	2.4116G	97.60	Inf	-Inf	3	Vertical	0	1.73	-
2417MHz	Pass	PK	2.38G	72.92	74.00	-1.08	3	Vertical	0	1.73	-
2417MHz	Pass	PK	2.414G	110.84	Inf	-Inf	3	Vertical	0	1.73	-
2417MHz	Pass	AV	2.39G	47.87	54.00	-6.13	3	Horizontal	222	2.28	-
2417MHz	Pass	AV	2.4084G	95.45	Inf	-Inf	3	Horizontal	222	2.28	-
2417MHz	Pass	PK	2.38G	70.85	74.00	-3.15	3	Horizontal	222	2.28	-
2417MHz	Pass	PK	2.414G	107.81	Inf	-Inf	3	Horizontal	222	2.28	-
2437MHz	Pass	AV	2.3862G	48.45	54.00	-5.55	3	Vertical	190	2.12	-
2437MHz	Pass	AV	2.4298G	99.57	Inf	-Inf	3	Vertical	190	2.12	-
2437MHz	Pass	AV	2.4878G	46.27	54.00	-7.73	3	Vertical	190	2.12	-
2437MHz	Pass	PK	2.3866G	70.10	74.00	-3.90	3	Vertical	190	2.12	-
2437MHz	Pass	PK	2.4418G	113.09	Inf	-Inf	3	Vertical	190	2.12	-
2437MHz	Pass	PK	2.487G	65.23	74.00	-8.77	3	Vertical	190	2.12	-
2437MHz	Pass	AV	2.389G	46.45	54.00	-7.55	3	Horizontal	336	1.37	-
2437MHz	Pass	AV	2.4422G	96.34	Inf	-Inf	3	Horizontal	336	1.37	-
2437MHz	Pass	AV	2.4835G	45.53	54.00	-8.47	3	Horizontal	336	1.37	-
2437MHz	Pass	PK	2.387G	65.58	74.00	-8.42	3	Horizontal	336	1.37	-
2437MHz	Pass	PK	2.4338G	108.62	Inf	-Inf	3	Horizontal	336	1.37	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4902G	62.80	74.00	-11.20	3	Horizontal	336	1.37	-
2437MHz	Pass	AV	4.87408G	34.65	54.00	-19.35	3	Vertical	147	1.10	-
2437MHz	Pass	AV	7.31212G	41.01	54.00	-12.99	3	Vertical	163	2.68	-
2437MHz	Pass	PK	4.87384G	47.52	74.00	-26.48	3	Vertical	147	1.10	-
2437MHz	Pass	PK	7.31004G	53.92	74.00	-20.08	3	Vertical	163	2.68	-
2437MHz	Pass	AV	4.87304G	35.12	54.00	-18.88	3	Horizontal	301	2.59	-
2437MHz	Pass	AV	7.3154G	39.33	54.00	-14.67	3	Horizontal	320	2.15	-
2437MHz	Pass	PK	4.87312G	48.82	74.00	-25.18	3	Horizontal	301	2.59	-
2437MHz	Pass	PK	7.31588G	52.90	74.00	-21.10	3	Horizontal	320	2.15	-
2457MHz	Pass	AV	2.463G	98.99	Inf	-Inf	3	Vertical	190	1.72	-
2457MHz	Pass	AV	2.4835G	50.96	54.00	-3.04	3	Vertical	190	1.72	-
2457MHz	Pass	PK	2.4614G	112.62	Inf	-Inf	3	Vertical	190	1.72	-
2457MHz	Pass	PK	2.4838G	72.41	74.00	-1.59	3	Vertical	190	1.72	-
2457MHz	Pass	AV	2.4632G	97.65	Inf	-Inf	3	Horizontal	223	2.73	-
2457MHz	Pass	AV	2.4835G	49.68	54.00	-4.32	3	Horizontal	223	2.73	-
2457MHz	Pass	PK	2.4612G	110.96	Inf	-Inf	3	Horizontal	223	2.73	-
2457MHz	Pass	PK	2.4835G	67.46	74.00	-6.54	3	Horizontal	223	2.73	-
2462MHz	Pass	AV	2.463G	96.20	Inf	-Inf	3	Vertical	188	1.71	-
2462MHz	Pass	AV	2.4835G	49.55	54.00	-4.45	3	Vertical	188	1.71	-
2462MHz	Pass	PK	2.4666G	109.36	Inf	-Inf	3	Vertical	188	1.71	-
2462MHz	Pass	PK	2.4854G	72.66	74.00	-1.34	3	Vertical	188	1.71	-
2462MHz	Pass	AV	2.4662G	95.15	Inf	-Inf	3	Horizontal	226	2.74	-
2462MHz	Pass	AV	2.4835G	48.25	54.00	-5.75	3	Horizontal	226	2.74	-
2462MHz	Pass	PK	2.4664G	109.08	Inf	-Inf	3	Horizontal	226	2.74	-
2462MHz	Pass	PK	2.4846G	69.17	74.00	-4.83	3	Horizontal	226	2.74	-
2462MHz	Pass	AV	4.92392G	35.49	54.00	-18.51	3	Vertical	242	2.49	-
2462MHz	Pass	AV	7.37712G	39.15	54.00	-14.85	3	Vertical	208	2.73	-
2462MHz	Pass	PK	4.9236G	47.82	74.00	-26.18	3	Vertical	242	2.49	-
2462MHz	Pass	PK	7.3772G	52.31	74.00	-21.69	3	Vertical	208	2.73	-
2462MHz	Pass	AV	4.924G	36.01	54.00	-17.99	3	Horizontal	306	2.86	-
2462MHz	Pass	AV	7.37912G	38.67	54.00	-15.33	3	Horizontal	325	2.20	-
2462MHz	Pass	PK	4.92376G	48.12	74.00	-25.88	3	Horizontal	306	2.86	-
2462MHz	Pass	PK	7.37816G	51.70	74.00	-22.30	3	Horizontal	325	2.20	-
802.11ax HEW40_Nss1,(MCS0)_TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3852G	52.80	54.00	-1.20	3	Vertical	350	2.80	-
2422MHz	Pass	AV	2.4072G	93.72	Inf	-Inf	3	Vertical	350	2.80	-
2422MHz	Pass	AV	2.4844G	45.42	54.00	-8.58	3	Vertical	350	2.80	-
2422MHz	Pass	PK	2.3784G	67.93	74.00	-6.07	3	Vertical	350	2.80	-
2422MHz	Pass	PK	2.4096G	105.78	Inf	-Inf	3	Vertical	350	2.80	-
2422MHz	Pass	PK	2.4872G	57.05	74.00	-16.95	3	Vertical	350	2.80	-
2422MHz	Pass	AV	2.3872G	50.27	54.00	-3.73	3	Horizontal	335	1.01	-
2422MHz	Pass	AV	2.4048G	90.40	Inf	-Inf	3	Horizontal	335	1.01	-
2422MHz	Pass	AV	2.4835G	45.62	54.00	-8.38	3	Horizontal	335	1.01	-
2422MHz	Pass	PK	2.3788G	64.63	74.00	-9.37	3	Horizontal	335	1.01	-
2422MHz	Pass	PK	2.4096G	102.26	Inf	-Inf	3	Horizontal	335	1.01	-
2422MHz	Pass	PK	2.4932G	56.00	74.00	-18.00	3	Horizontal	335	1.01	-
2422MHz	Pass	AV	4.8428G	33.69	54.00	-20.31	3	Vertical	209	1.50	-
2422MHz	Pass	AV	7.25152G	39.38	54.00	-14.62	3	Vertical	47	1.81	-
2422MHz	Pass	PK	4.862G	46.03	74.00	-27.97	3	Vertical	209	1.50	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	7.2512G	51.44	74.00	-22.56	3	Vertical	47	1.81	-
2422MHz	Pass	AV	4.84424G	34.46	54.00	-19.54	3	Horizontal	289	2.93	-
2422MHz	Pass	AV	7.27416G	39.68	54.00	-14.32	3	Horizontal	95	2.37	-
2422MHz	Pass	PK	4.85008G	46.90	74.00	-27.10	3	Horizontal	289	2.93	-
2422MHz	Pass	PK	7.28224G	51.65	74.00	-22.35	3	Horizontal	95	2.37	-
2427MHz	Pass	AV	2.3874G	53.00	54.00	-1.00	3	Vertical	0	1.72	-
2427MHz	Pass	AV	2.4166G	93.89	Inf	-Inf	3	Vertical	0	1.72	-
2427MHz	Pass	AV	2.4838G	45.46	54.00	-8.54	3	Vertical	0	1.72	-
2427MHz	Pass	PK	2.385G	68.38	74.00	-5.62	3	Vertical	0	1.72	-
2427MHz	Pass	PK	2.4238G	106.73	Inf	-Inf	3	Vertical	0	1.72	-
2427MHz	Pass	PK	2.4862G	56.58	74.00	-17.42	3	Vertical	0	1.72	-
2427MHz	Pass	AV	2.3874G	50.92	54.00	-3.08	3	Horizontal	223	2.93	-
2427MHz	Pass	AV	2.4138G	91.86	Inf	-Inf	3	Horizontal	223	2.93	-
2427MHz	Pass	AV	2.4882G	45.63	54.00	-8.37	3	Horizontal	223	2.93	-
2427MHz	Pass	PK	2.3894G	64.60	74.00	-9.40	3	Horizontal	223	2.93	-
2427MHz	Pass	PK	2.4238G	103.82	Inf	-Inf	3	Horizontal	223	2.93	-
2427MHz	Pass	PK	2.4854G	57.02	74.00	-16.98	3	Horizontal	223	2.93	-
2437MHz	Pass	AV	2.3898G	52.62	54.00	-1.38	3	Vertical	360	1.69	-
2437MHz	Pass	AV	2.4238G	96.12	Inf	-Inf	3	Vertical	360	1.69	-
2437MHz	Pass	AV	2.4835G	49.59	54.00	-4.41	3	Vertical	360	1.69	-
2437MHz	Pass	PK	2.3854G	67.37	74.00	-6.63	3	Vertical	360	1.69	-
2437MHz	Pass	PK	2.4338G	107.97	Inf	-Inf	3	Vertical	360	1.69	-
2437MHz	Pass	PK	2.487G	63.78	74.00	-10.22	3	Vertical	360	1.69	-
2437MHz	Pass	AV	2.3898G	50.06	54.00	-3.94	3	Horizontal	224	2.86	-
2437MHz	Pass	AV	2.4238G	93.97	Inf	-Inf	3	Horizontal	224	2.86	-
2437MHz	Pass	AV	2.4846G	49.27	54.00	-4.73	3	Horizontal	224	2.86	-
2437MHz	Pass	PK	2.385G	64.83	74.00	-9.17	3	Horizontal	224	2.86	-
2437MHz	Pass	PK	2.4338G	106.91	Inf	-Inf	3	Horizontal	224	2.86	-
2437MHz	Pass	PK	2.487G	63.70	74.00	-10.30	3	Horizontal	224	2.86	-
2437MHz	Pass	AV	4.874G	34.56	54.00	-19.44	3	Vertical	146	1.01	-
2437MHz	Pass	AV	7.29468G	39.85	54.00	-14.15	3	Vertical	21	1.20	-
2437MHz	Pass	PK	4.86672G	46.29	74.00	-27.71	3	Vertical	146	1.01	-
2437MHz	Pass	PK	7.32964G	52.22	74.00	-21.78	3	Vertical	21	1.20	-
2437MHz	Pass	AV	4.87656G	34.10	54.00	-19.90	3	Horizontal	170	2.88	-
2437MHz	Pass	AV	7.30484G	39.44	54.00	-14.56	3	Horizontal	95	1.73	-
2437MHz	Pass	PK	4.87144G	46.17	74.00	-27.83	3	Horizontal	170	2.88	-
2437MHz	Pass	PK	7.31452G	52.10	74.00	-21.90	3	Horizontal	95	1.73	-
2447MHz	Pass	AV	2.385G	48.44	54.00	-5.56	3	Vertical	360	1.64	-
2447MHz	Pass	AV	2.4346G	95.29	Inf	-Inf	3	Vertical	360	1.64	-
2447MHz	Pass	AV	2.4835G	52.96	54.00	-1.04	3	Vertical	360	1.64	-
2447MHz	Pass	PK	2.3814G	60.90	74.00	-13.10	3	Vertical	360	1.64	-
2447MHz	Pass	PK	2.4342G	107.11	Inf	-Inf	3	Vertical	360	1.64	-
2447MHz	Pass	PK	2.4835G	66.50	74.00	-7.50	3	Vertical	360	1.64	-
2447MHz	Pass	AV	2.3854G	47.02	54.00	-6.98	3	Horizontal	223	2.86	-
2447MHz	Pass	AV	2.435G	94.03	Inf	-Inf	3	Horizontal	223	2.86	-
2447MHz	Pass	AV	2.4835G	52.61	54.00	-1.39	3	Horizontal	223	2.86	-
2447MHz	Pass	PK	2.3786G	59.49	74.00	-14.51	3	Horizontal	223	2.86	-
2447MHz	Pass	PK	2.4346G	106.17	Inf	-Inf	3	Horizontal	223	2.86	-
2447MHz	Pass	PK	2.4898G	65.11	74.00	-8.89	3	Horizontal	223	2.86	-



RSE TX above 1GHz_Radio 3

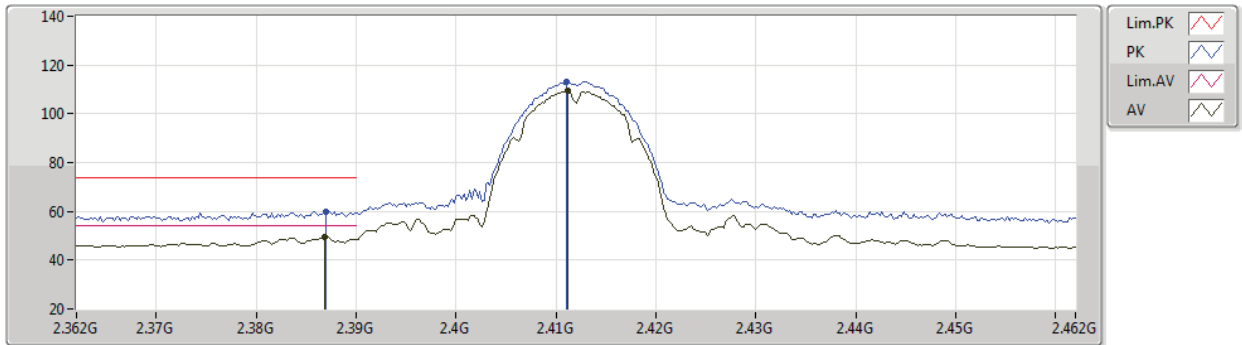
Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	AV	2.386G	48.49	54.00	-5.51	3	Vertical	0	1.66	-
2452MHz	Pass	AV	2.4348G	95.70	Inf	-Inf	3	Vertical	0	1.66	-
2452MHz	Pass	AV	2.484G	52.32	54.00	-1.68	3	Vertical	0	1.66	-
2452MHz	Pass	PK	2.3808G	62.32	74.00	-11.68	3	Vertical	0	1.66	-
2452MHz	Pass	PK	2.4392G	107.35	Inf	-Inf	3	Vertical	0	1.66	-
2452MHz	Pass	PK	2.4956G	65.58	74.00	-8.42	3	Vertical	0	1.66	-
2452MHz	Pass	AV	2.3888G	46.53	54.00	-7.47	3	Horizontal	227	2.49	-
2452MHz	Pass	AV	2.4348G	93.95	Inf	-Inf	3	Horizontal	227	2.49	-
2452MHz	Pass	AV	2.4868G	51.23	54.00	-2.77	3	Horizontal	227	2.49	-
2452MHz	Pass	PK	2.39G	57.84	74.00	-16.16	3	Horizontal	227	2.49	-
2452MHz	Pass	PK	2.4396G	105.79	Inf	-Inf	3	Horizontal	227	2.49	-
2452MHz	Pass	PK	2.4936G	64.86	74.00	-9.14	3	Horizontal	227	2.49	-
2452MHz	Pass	AV	4.90392G	34.89	54.00	-19.11	3	Vertical	130	1.42	-
2452MHz	Pass	AV	7.35424G	39.43	54.00	-14.57	3	Vertical	12	2.10	-
2452MHz	Pass	PK	4.90944G	47.01	74.00	-26.99	3	Vertical	130	1.42	-
2452MHz	Pass	PK	7.374G	52.56	74.00	-21.44	3	Vertical	12	2.10	-
2452MHz	Pass	AV	4.90408G	34.82	54.00	-19.18	3	Horizontal	133	1.85	-
2452MHz	Pass	AV	7.34352G	39.55	54.00	-14.45	3	Horizontal	16	1.15	-
2452MHz	Pass	PK	4.89344G	46.33	74.00	-27.67	3	Horizontal	133	1.85	-
2452MHz	Pass	PK	7.3472G	51.47	74.00	-22.53	3	Horizontal	16	1.15	-

802.11b_Nss1,(1Mbps)_2TX

08/09/2020

2412MHz_TX

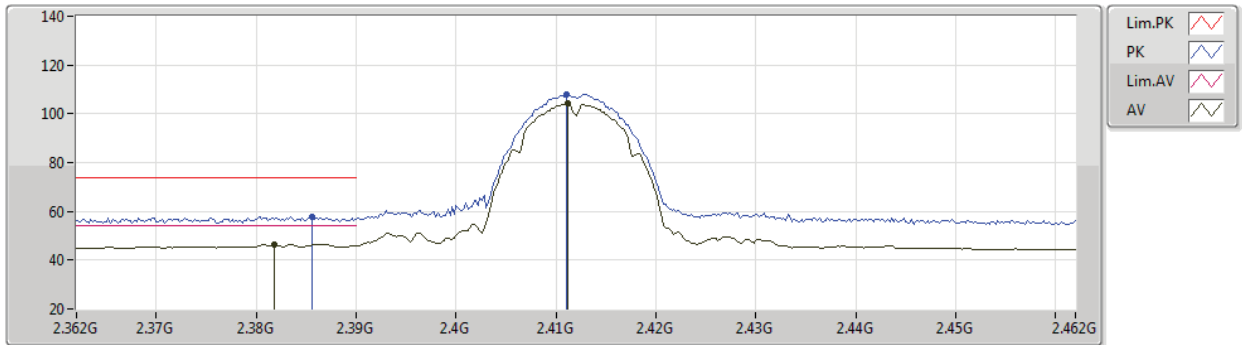


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3868G	49.30	54.00	-4.70	31.92	3	Vertical	109	1.23	-	17.38	27.63	4.29	-
AV	2.4112G	109.35	Inf	-Inf	31.89	3	Vertical	109	1.23	-	77.46	27.58	4.31	-
PK	2.387G	60.01	74.00	-13.99	31.92	3	Vertical	109	1.23	-	28.09	27.63	4.29	-
PK	2.411G	113.19	Inf	-Inf	31.89	3	Vertical	109	1.23	-	81.30	27.58	4.31	-

802.11b_Nss1,(1Mbps)_2TX

08/09/2020

2412MHz_TX

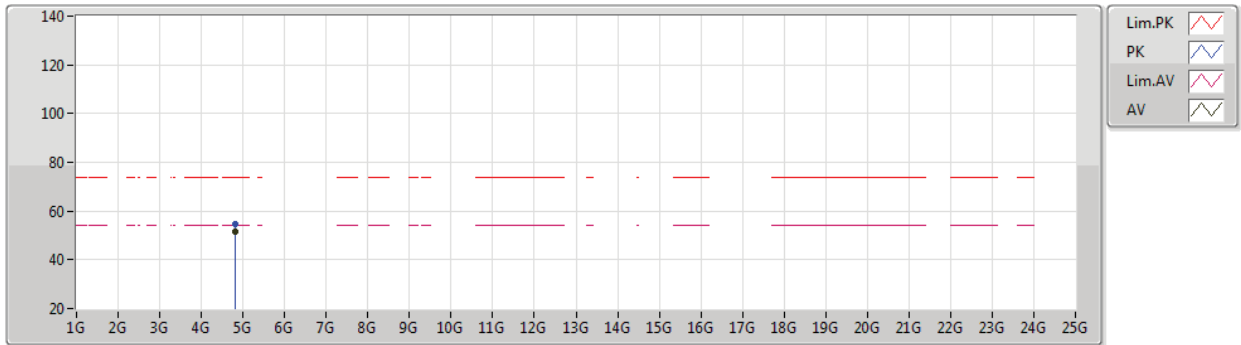


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3818G	46.43	54.00	-7.57	31.92	3	Horizontal	41	1.07	-	14.51	27.64	4.28	-
AV	2.4112G	104.37	Inf	-Inf	31.89	3	Horizontal	41	1.07	-	72.48	27.58	4.31	-
PK	2.3856G	57.71	74.00	-16.29	31.92	3	Horizontal	41	1.07	-	25.79	27.63	4.29	-
PK	2.411G	108.16	Inf	-Inf	31.89	3	Horizontal	41	1.07	-	76.27	27.58	4.31	-

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2412MHz_TX

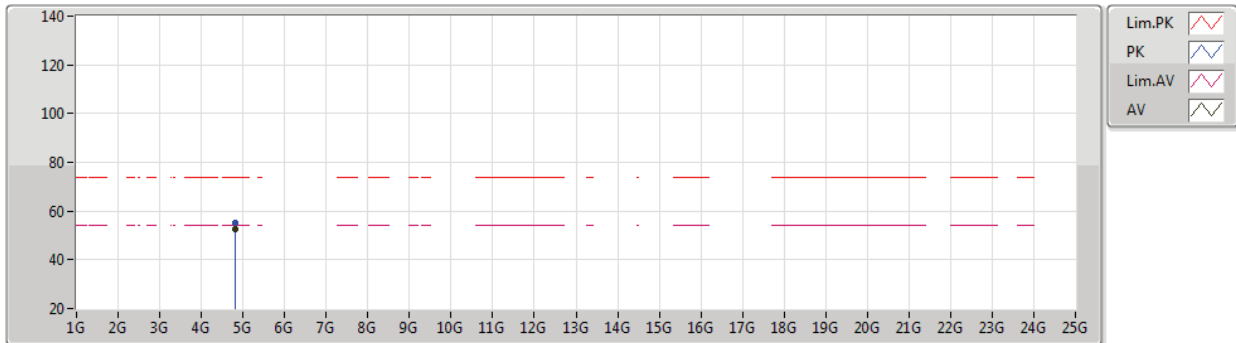


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	51.34	54.00	-2.66	7.09	3	Vertical	322	2.24	-	44.25	31.10	6.52	30.53
PK	4.82393G	54.67	74.00	-19.33	7.09	3	Vertical	322	2.24	-	47.58	31.10	6.52	30.53

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2412MHz_TX

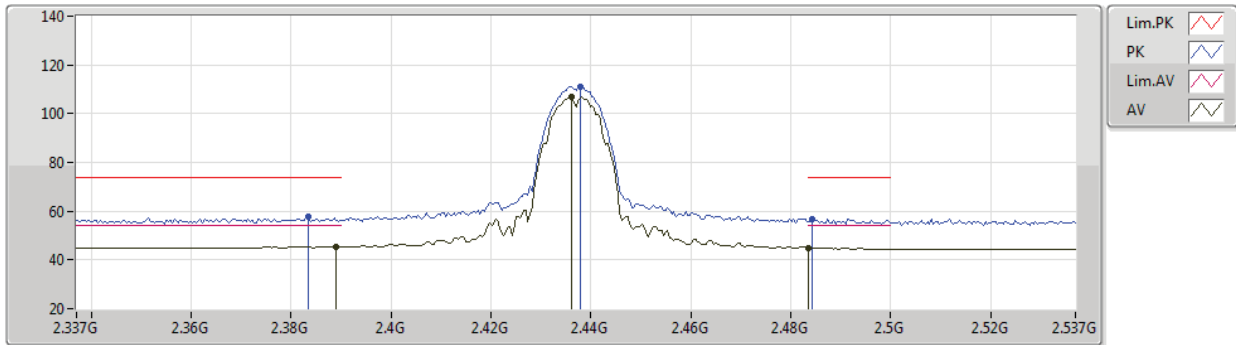


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82398G	52.47	54.00	-1.53	7.09	3	Horizontal	227	2.56	-	45.38	31.10	6.52	30.53
PK	4.82393G	55.26	74.00	-18.74	7.09	3	Horizontal	227	2.56	-	48.17	31.10	6.52	30.53

802.11b_Nss1,(1Mbps)_2TX

08/09/2020

2437MHz_TX

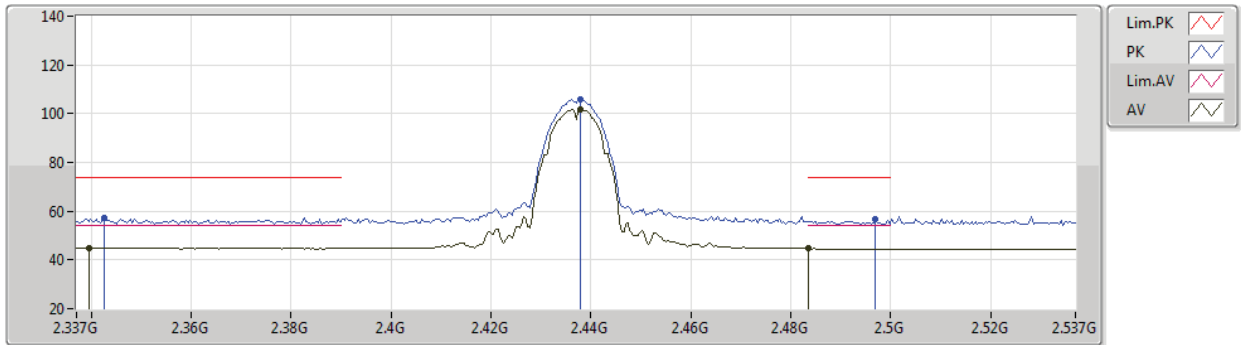


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	45.42	54.00	-8.58	31.91	3	Vertical	97	1.01	-	13.51	27.62	4.29	-
AV	2.4362G	107.00	Inf	-Inf	31.87	3	Vertical	97	1.01	-	75.13	27.53	4.34	-
AV	2.4835G	45.06	54.00	-8.94	31.81	3	Vertical	97	1.01	-	13.25	27.43	4.38	-
PK	2.3834G	57.51	74.00	-16.49	31.91	3	Vertical	97	1.01	-	25.60	27.63	4.28	-
PK	2.4378G	111.20	Inf	-Inf	31.86	3	Vertical	97	1.01	-	79.34	27.52	4.34	-
PK	2.4842G	56.58	74.00	-17.42	31.81	3	Vertical	97	1.01	-	24.77	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

08/09/2020

2437MHz_TX

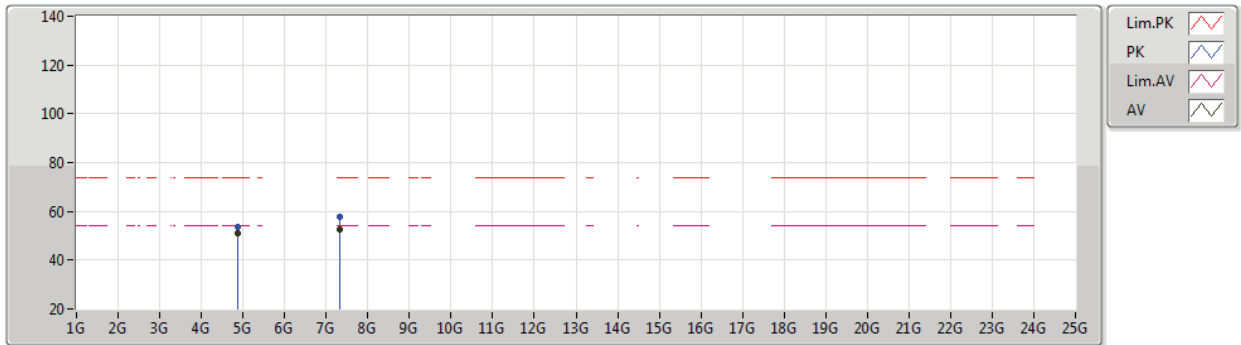


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3394G	44.82	54.00	-9.18	31.98	3	Horizontal	65	3.00	-	12.84	27.74	4.24	-
AV	2.4378G	101.88	Inf	-Inf	31.86	3	Horizontal	65	3.00	-	70.02	27.52	4.34	-
AV	2.4835G	44.69	54.00	-9.31	31.81	3	Horizontal	65	3.00	-	12.88	27.43	4.38	-
PK	2.3426G	57.37	74.00	-16.63	31.97	3	Horizontal	65	3.00	-	25.40	27.73	4.24	-
PK	2.4378G	106.04	Inf	-Inf	31.86	3	Horizontal	65	3.00	-	74.18	27.52	4.34	-
PK	2.497G	56.86	74.00	-17.14	31.81	3	Horizontal	65	3.00	-	25.05	27.41	4.40	-

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2437MHz_TX

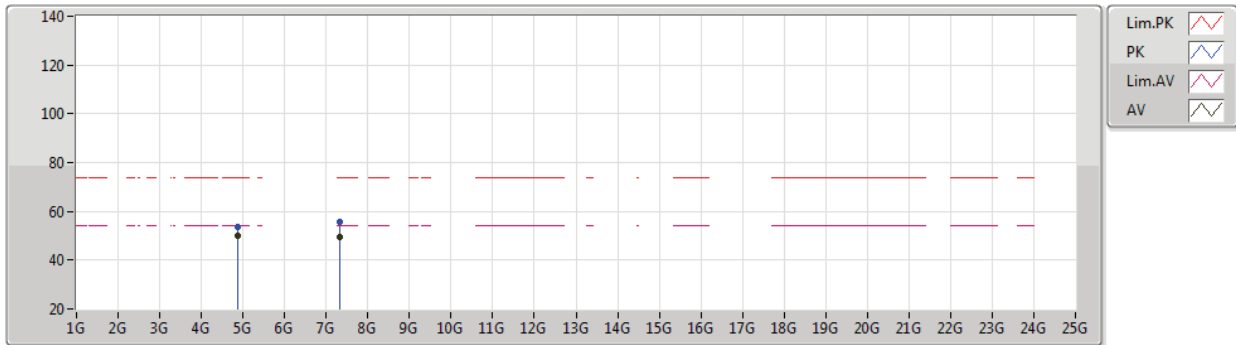


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87399G	50.78	54.00	-3.22	7.14	3	Vertical	198	2.97	-	43.64	31.10	6.57	30.53
AV	7.31178G	52.53	54.00	-1.47	12.60	3	Vertical	215	2.37	-	39.93	36.32	7.60	31.32
PK	4.87399G	53.80	74.00	-20.20	7.14	3	Vertical	198	2.97	-	46.66	31.10	6.57	30.53
PK	7.31134G	57.86	74.00	-16.14	12.60	3	Vertical	215	2.37	-	45.26	36.32	7.60	31.32

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2437MHz_TX

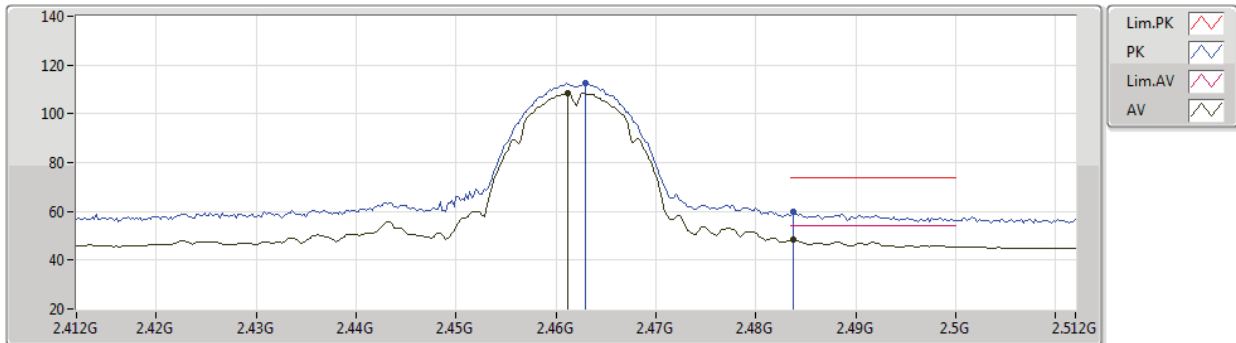


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	49.98	54.00	-4.02	7.14	3	Horizontal	3	2.80	-	42.84	31.10	6.57	30.53
AV	7.31176G	49.30	54.00	-4.70	12.60	3	Horizontal	141	2.29	-	36.70	36.32	7.60	31.32
PK	4.87396G	53.55	74.00	-20.45	7.14	3	Horizontal	3	2.80	-	46.41	31.10	6.57	30.53
PK	7.31165G	55.73	74.00	-18.27	12.60	3	Horizontal	141	2.29	-	43.13	36.32	7.60	31.32

802.11b_Nss1,(1Mbps)_2TX

08/09/2020

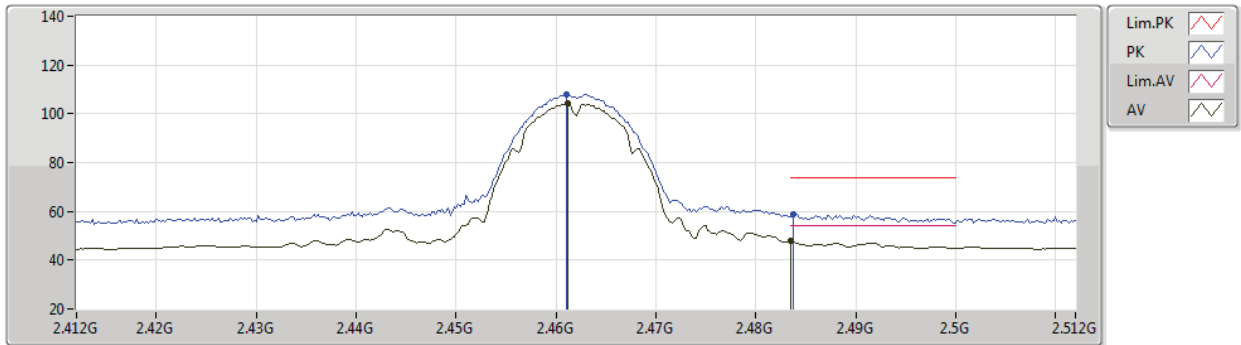
2462MHz_TX



802.11b_Nss1,(1Mbps)_2TX

08/09/2020

2462MHz_TX

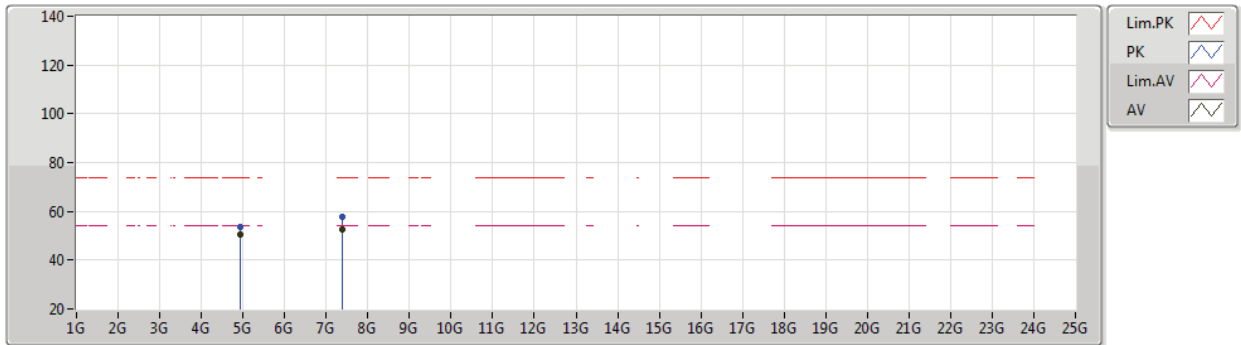


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	104.21	Inf	-Inf	31.84	3	Horizontal	65	2.66	-	72.37	27.48	4.36	-
AV	2.4835G	47.72	54.00	-6.28	31.81	3	Horizontal	65	2.66	-	15.91	27.43	4.38	-
PK	2.461G	107.98	Inf	-Inf	31.84	3	Horizontal	65	2.66	-	76.14	27.48	4.36	-
PK	2.4838G	58.63	74.00	-15.37	31.81	3	Horizontal	65	2.66	-	26.82	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2462MHz_TX

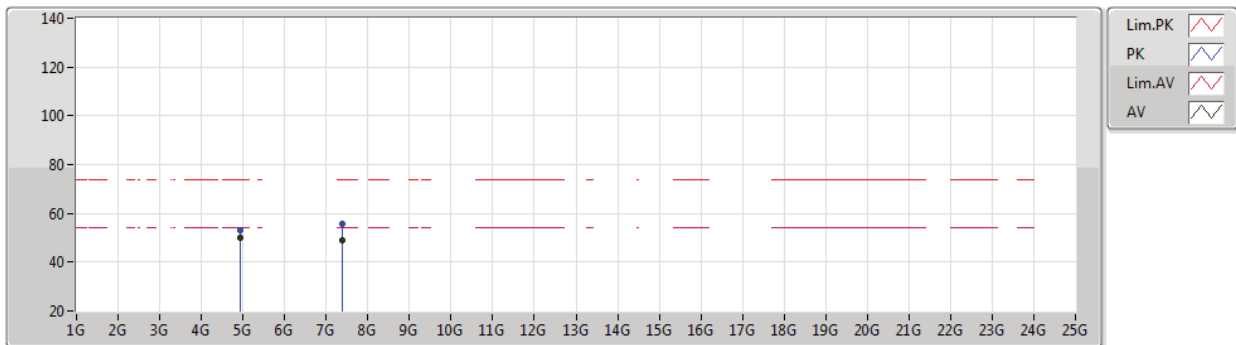


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	50.45	54.00	-3.55	7.23	3	Vertical	188	2.87	-	43.22	31.15	6.62	30.54
AV	7.38673G	52.39	54.00	-1.61	12.39	3	Vertical	212	2.20	-	40.00	36.11	7.60	31.32
PK	4.92395G	53.73	74.00	-20.27	7.23	3	Vertical	188	2.87	-	46.50	31.15	6.62	30.54
PK	7.38675G	57.74	74.00	-16.26	12.39	3	Vertical	212	2.20	-	45.35	36.11	7.60	31.32

802.11b_Nss1,(1Mbps)_2TX

14/09/2020

2462MHz_TX

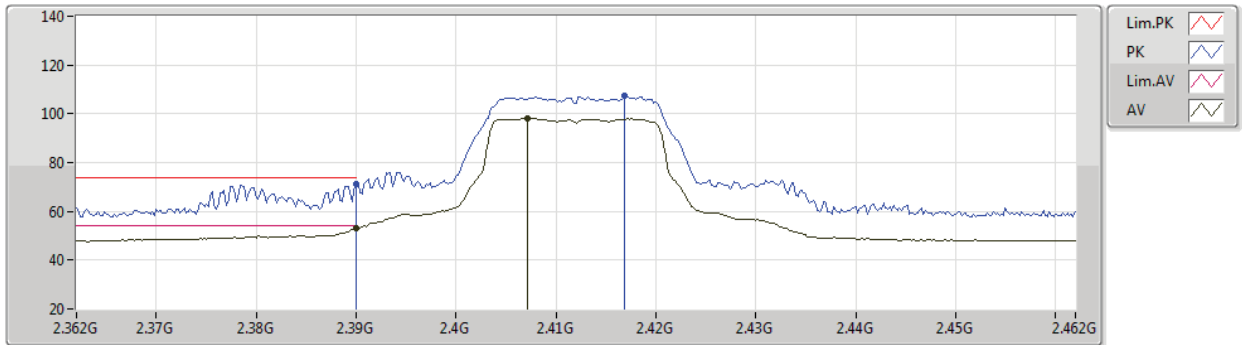


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92397G	49.87	54.00	-4.13	7.23	3	Horizontal	0	2.74	-	42.64	31.15	6.62	30.54
AV	7.3852G	49.09	54.00	-4.91	12.40	3	Horizontal	143	2.23	-	36.69	36.12	7.60	31.32
PK	4.92397G	53.17	74.00	-20.83	7.23	3	Horizontal	0	2.74	-	45.94	31.15	6.62	30.54
PK	7.38484G	55.70	74.00	-18.30	12.40	3	Horizontal	143	2.23	-	43.30	36.12	7.60	31.32

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2412MHz_TX

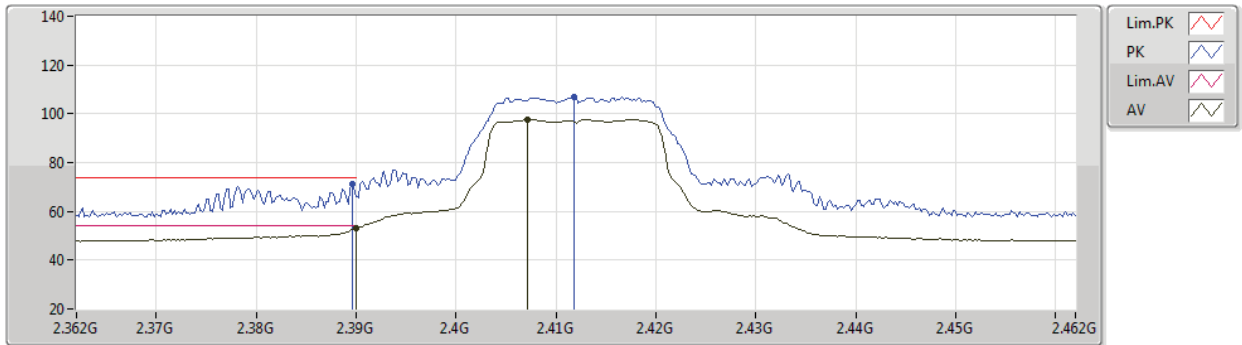


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.99	54.00	-1.01	31.91	3	Vertical	360	2.41	-	21.08	27.62	4.29	-
AV	2.4072G	98.27	Inf	-Inf	31.90	3	Vertical	360	2.41	-	66.37	27.59	4.31	-
PK	2.39G	71.16	74.00	-2.84	31.91	3	Vertical	360	2.41	-	39.25	27.62	4.29	-
PK	2.4168G	107.26	Inf	-Inf	31.89	3	Vertical	360	2.41	-	75.37	27.57	4.32	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2412MHz_TX

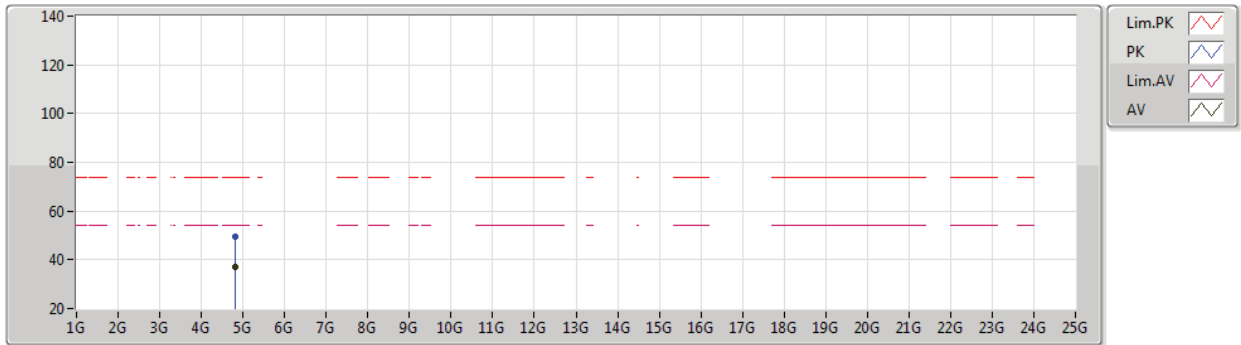


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.99	54.00	-1.01	31.91	3	Horizontal	226	2.81	-	21.08	27.62	4.29	-
AV	2.4072G	97.70	Inf	-Inf	31.90	3	Horizontal	226	2.81	-	65.80	27.59	4.31	-
PK	2.3896G	70.98	74.00	-3.02	31.91	3	Horizontal	226	2.81	-	39.07	27.62	4.29	-
PK	2.4118G	106.66	Inf	-Inf	31.89	3	Horizontal	226	2.81	-	74.77	27.58	4.31	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2412MHz_TX

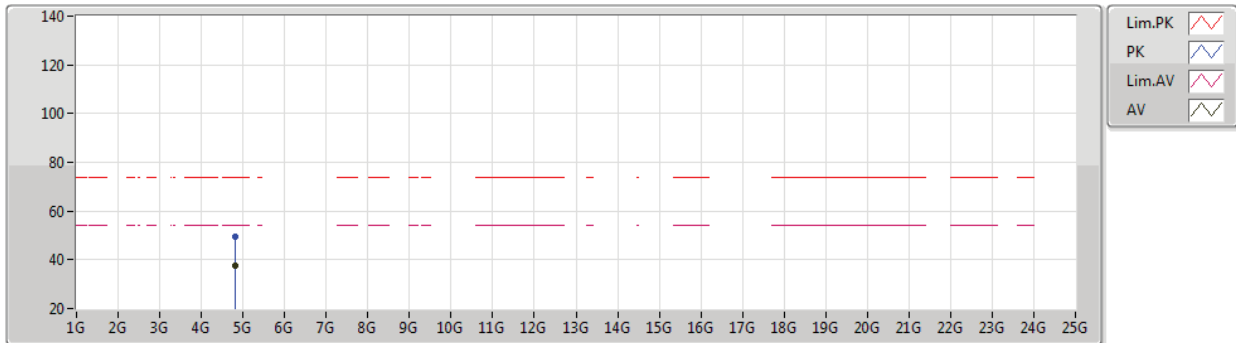


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.824G	36.97	54.00	-17.03	8.22	3	Vertical	158	1.47	-	28.75	31.10	6.52	29.40
PK	4.82308G	49.37	74.00	-24.63	8.22	3	Vertical	158	1.47	-	41.15	31.10	6.52	29.40

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2412MHz_TX

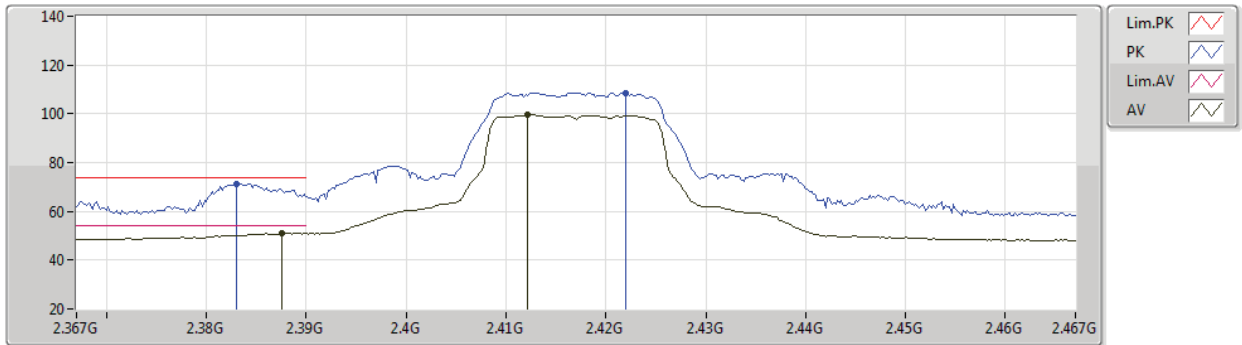


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82696G	37.76	54.00	-16.24	8.23	3	Horizontal	186	2.52	-	29.53	31.10	6.53	29.40
PK	4.82716G	49.70	74.00	-24.30	8.23	3	Horizontal	186	2.52	-	41.47	31.10	6.53	29.40

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2417MHz_TX

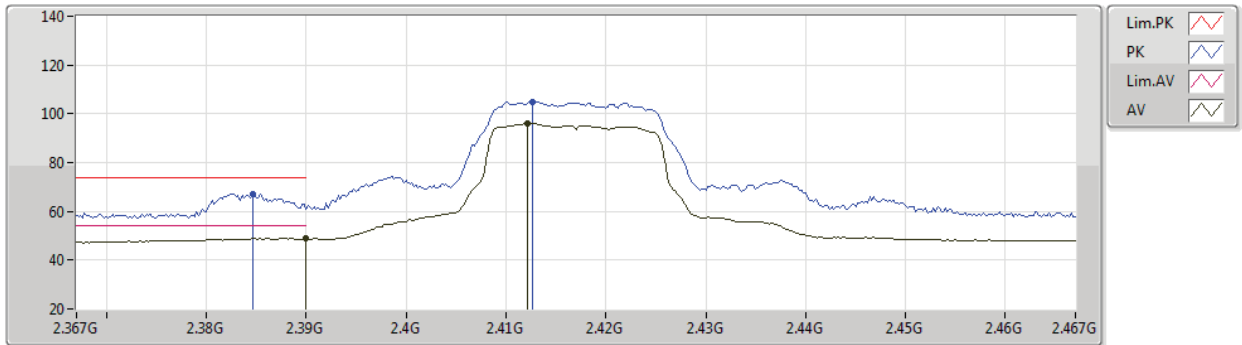


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3876G	51.21	54.00	-2.79	31.91	3	Vertical	353	2.40	-	19.30	27.62	4.29	-
AV	2.4122G	99.64	Inf	-Inf	31.89	3	Vertical	353	2.40	-	67.75	27.58	4.31	-
PK	2.383G	71.37	74.00	-2.63	31.91	3	Vertical	353	2.40	-	39.46	27.63	4.28	-
PK	2.422G	108.67	Inf	-Inf	31.88	3	Vertical	353	2.40	-	76.79	27.56	4.32	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2417MHz_TX

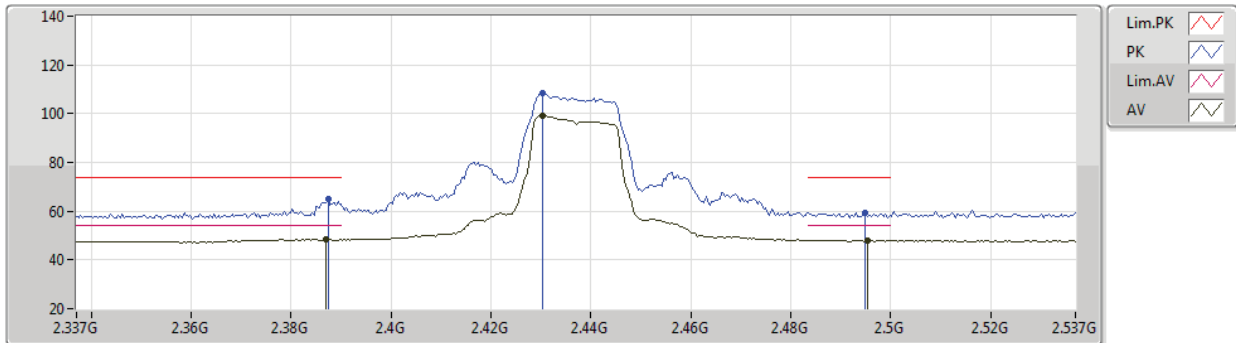


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.80	54.00	-5.20	31.91	3	Horizontal	298	1.06	-	16.89	27.62	4.29	-
AV	2.4122G	96.18	Inf	-Inf	31.89	3	Horizontal	298	1.06	-	64.29	27.58	4.31	-
PK	2.3846G	67.21	74.00	-6.79	31.91	3	Horizontal	298	1.06	-	35.30	27.63	4.28	-
PK	2.4126G	105.01	Inf	-Inf	31.88	3	Horizontal	298	1.06	-	73.13	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2437MHz_TX

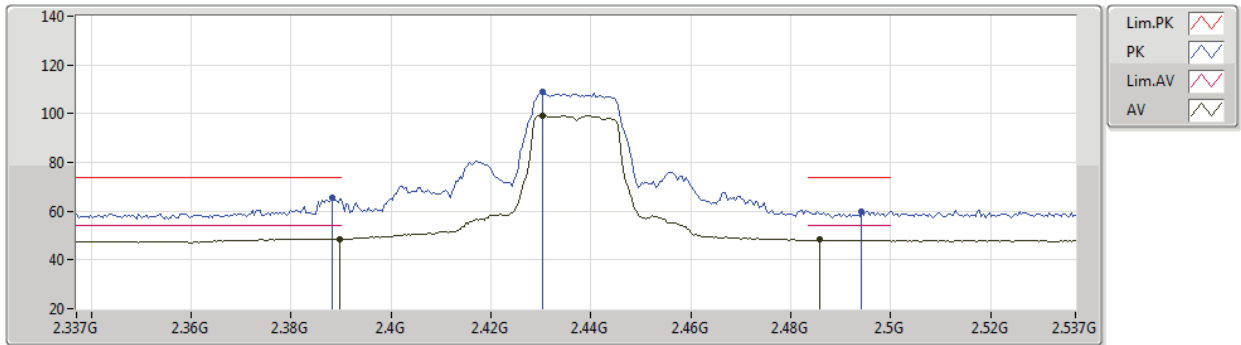


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	48.53	54.00	-5.47	31.92	3	Vertical	360	1.66	-	16.61	27.63	4.29	-
AV	2.4302G	99.11	Inf	-Inf	31.87	3	Vertical	360	1.66	-	67.24	27.54	4.33	-
AV	2.4954G	48.13	54.00	-5.87	31.81	3	Vertical	360	1.66	-	16.32	27.41	4.40	-
PK	2.3874G	64.87	74.00	-9.13	31.92	3	Vertical	360	1.66	-	32.95	27.63	4.29	-
PK	2.4302G	108.46	Inf	-Inf	31.87	3	Vertical	360	1.66	-	76.59	27.54	4.33	-
PK	2.495G	59.34	74.00	-14.66	31.80	3	Vertical	360	1.66	-	27.54	27.41	4.39	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2437MHz_TX

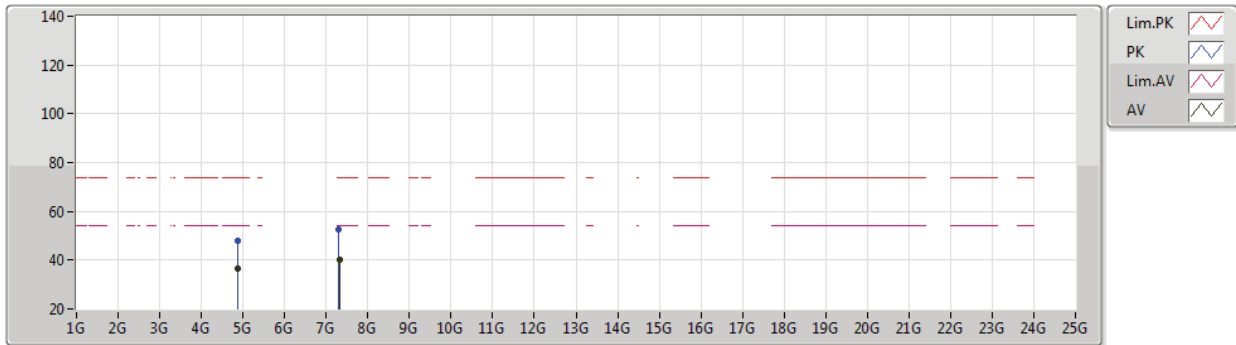


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.56	54.00	-5.44	31.91	3	Horizontal	224	2.85	-	16.65	27.62	4.29	-
AV	2.4302G	99.30	Inf	-Inf	31.87	3	Horizontal	224	2.85	-	67.43	27.54	4.33	-
AV	2.4858G	48.40	54.00	-5.60	31.82	3	Horizontal	224	2.85	-	16.58	27.43	4.39	-
PK	2.3882G	65.33	74.00	-8.67	31.91	3	Horizontal	224	2.85	-	33.42	27.62	4.29	-
PK	2.4302G	108.71	Inf	-Inf	31.87	3	Horizontal	224	2.85	-	76.84	27.54	4.33	-
PK	2.4942G	60.05	74.00	-13.95	31.80	3	Horizontal	224	2.85	-	28.25	27.41	4.39	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2437MHz_TX

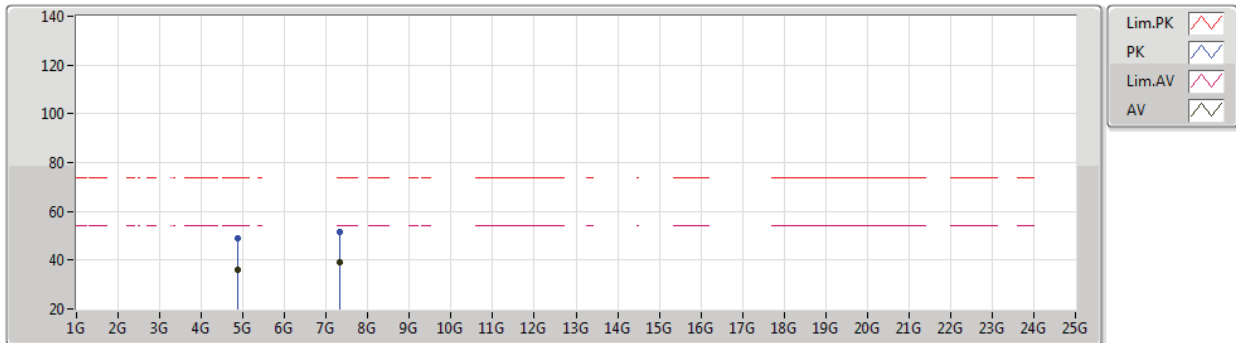


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8726G	36.35	54.00	-17.65	8.29	3	Vertical	158	2.22	-	28.06	31.10	6.57	29.38
AV	7.31192G	40.04	54.00	-13.96	13.56	3	Vertical	34	2.15	-	26.48	36.32	7.60	30.36
PK	4.87364G	48.18	74.00	-25.82	8.29	3	Vertical	158	2.22	-	39.89	31.10	6.57	29.38
PK	7.30528G	52.46	74.00	-21.54	13.56	3	Vertical	34	2.15	-	38.90	36.31	7.60	30.35

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2437MHz_TX

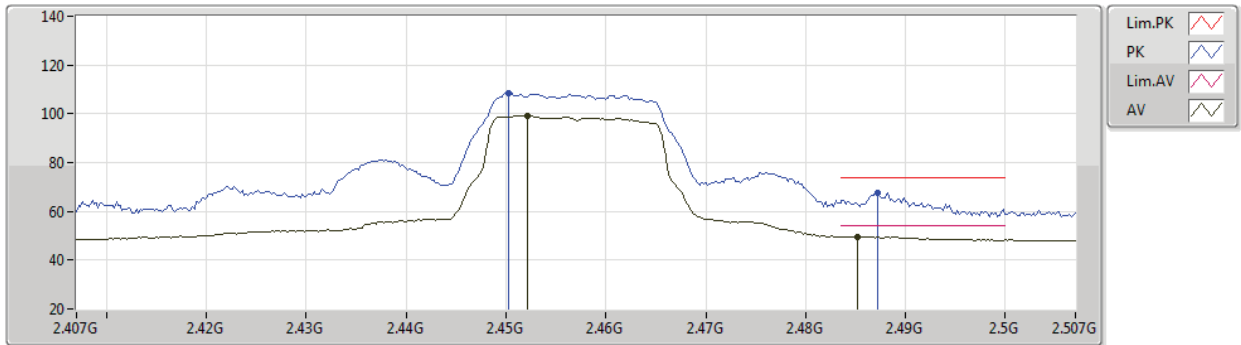


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8724G	36.05	54.00	-17.95	8.29	3	Horizontal	185	2.95	-	27.76	31.10	6.57	29.38
AV	7.31872G	39.36	54.00	-14.64	13.58	3	Horizontal	305	1.33	-	25.78	36.34	7.60	30.36
PK	4.87196G	48.98	74.00	-25.02	8.29	3	Horizontal	185	2.95	-	40.69	31.10	6.57	29.38
PK	7.31324G	51.55	74.00	-22.45	13.57	3	Horizontal	305	1.33	-	37.98	36.33	7.60	30.36

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2457MHz_TX

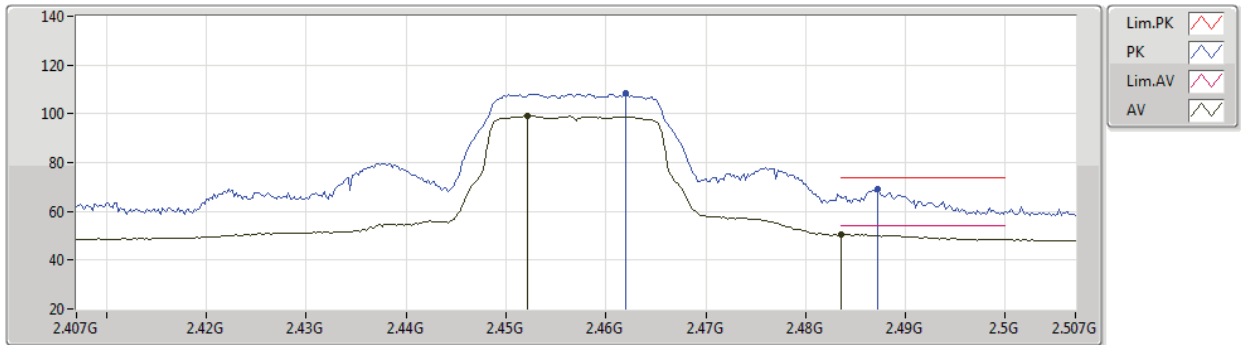


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4522G	99.15	Inf	-Inf	31.85	3	Vertical	360	2.66	-	67.30	27.50	4.35	-
AV	2.4852G	49.62	54.00	-4.38	31.82	3	Vertical	360	2.66	-	17.80	27.43	4.39	-
PK	2.4502G	108.58	Inf	-Inf	31.85	3	Vertical	360	2.66	-	76.73	27.50	4.35	-
PK	2.4872G	67.76	74.00	-6.24	31.82	3	Vertical	360	2.66	-	35.94	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2457MHz_TX

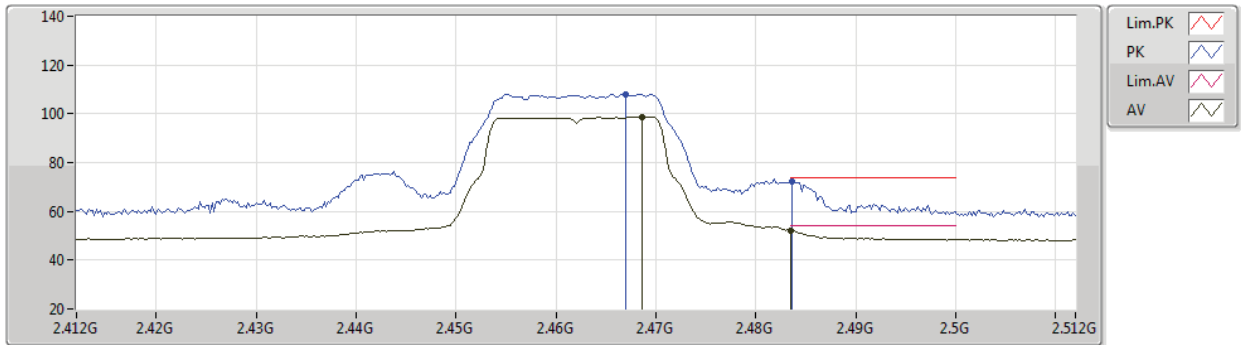


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4522G	99.26	Inf	-Inf	31.85	3	Horizontal	232	2.69	-	67.41	27.50	4.35	-
AV	2.4836G	50.48	54.00	-3.52	31.81	3	Horizontal	232	2.69	-	18.67	27.43	4.38	-
PK	2.462G	108.26	Inf	-Inf	31.84	3	Horizontal	232	2.69	-	76.42	27.48	4.36	-
PK	2.4872G	68.97	74.00	-5.03	31.82	3	Horizontal	232	2.69	-	37.15	27.43	4.39	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2462MHz_TX

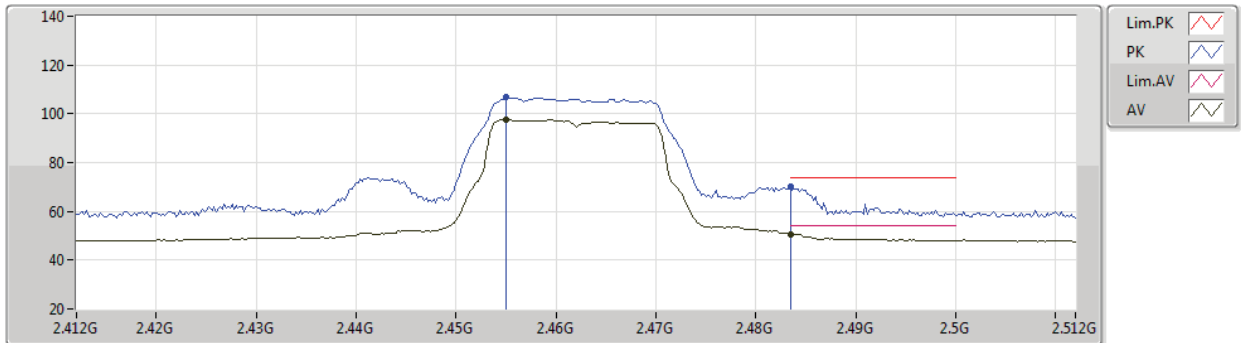


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4686G	98.80	Inf	-Inf	31.83	3	Vertical	204	2.44	-	66.97	27.46	4.37	-
AV	2.4835G	52.16	54.00	-1.84	31.81	3	Vertical	204	2.44	-	20.35	27.43	4.38	-
PK	2.467G	108.12	Inf	-Inf	31.84	3	Vertical	204	2.44	-	76.28	27.47	4.37	-
PK	2.4836G	72.13	74.00	-1.87	31.81	3	Vertical	204	2.44	-	40.32	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2462MHz_TX

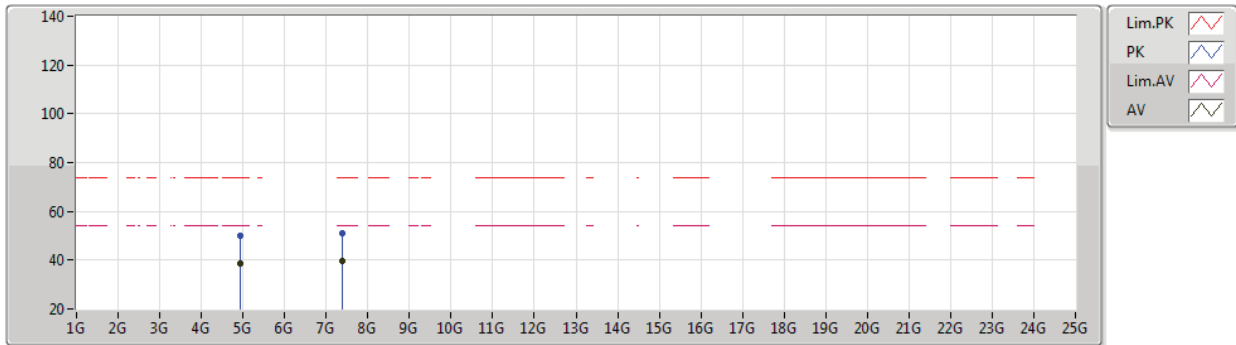


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.455G	97.55	Inf	-Inf	31.84	3	Horizontal	233	2.69	-	65.71	27.49	4.35	-
AV	2.4835G	50.68	54.00	-3.32	31.81	3	Horizontal	233	2.69	-	18.87	27.43	4.38	-
PK	2.455G	107.13	Inf	-Inf	31.84	3	Horizontal	233	2.69	-	75.29	27.49	4.35	-
PK	2.4835G	69.95	74.00	-4.05	31.81	3	Horizontal	233	2.69	-	38.14	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2462MHz_TX



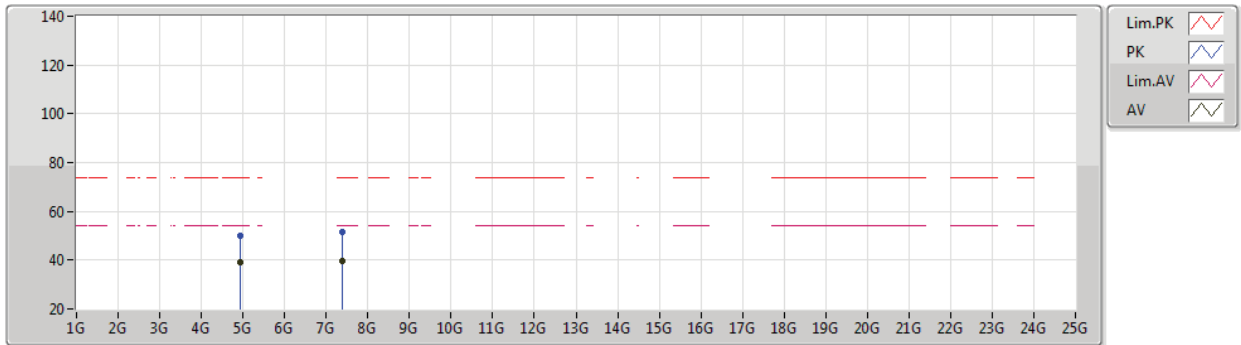
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AV	4.924G	38.63	54.00	-15.37	8.42	3	Vertical	314	2.53	-	30.21	31.15	6.62	29.35
AV	7.381G	39.54	54.00	-14.46	13.33	3	Vertical	297	1.15	-	26.21	36.15	7.60	30.42
PK	4.92464G	49.83	74.00	-24.17	8.42	3	Vertical	314	2.53	-	41.41	31.15	6.62	29.35
PK	7.38368G	51.17	74.00	-22.83	13.31	3	Vertical	297	1.15	-	37.86	36.13	7.60	30.42



802.11g_Nss1,(6Mbps)_2TX

10/08/2020

2462MHz_TX

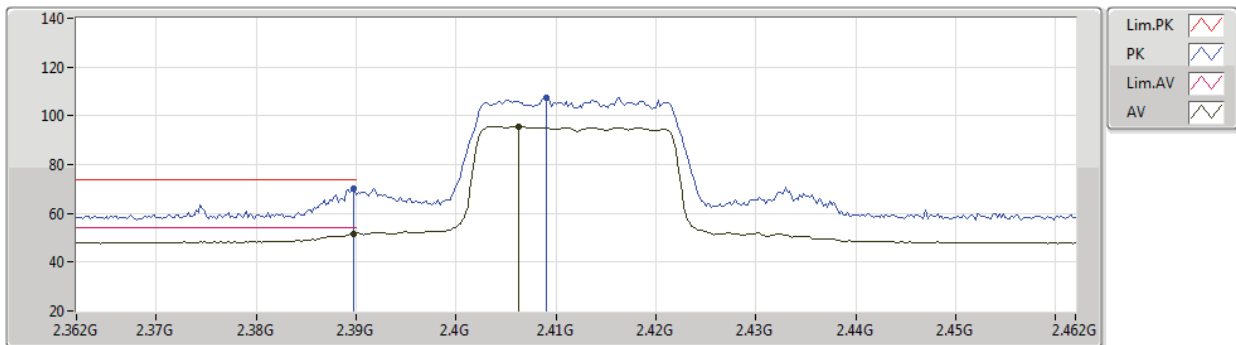


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92408G	38.88	54.00	-15.12	8.42	3	Horizontal	293	3.00	-	30.46	31.15	6.62	29.35
AV	7.3876G	39.44	54.00	-14.56	13.28	3	Horizontal	56	1.05	-	26.16	36.10	7.60	30.42
PK	4.93388G	50.00	74.00	-24.00	8.45	3	Horizontal	293	3.00	-	41.55	31.17	6.63	29.35
PK	7.37888G	51.45	74.00	-22.55	13.35	3	Horizontal	56	1.05	-	38.10	36.17	7.60	30.42

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2412MHz_TX

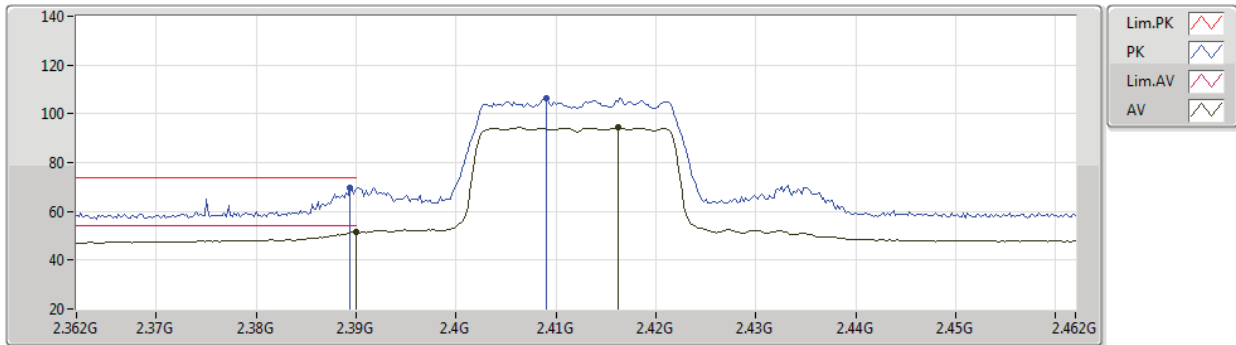


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	51.75	54.00	-2.25	31.91	3	Vertical	345	2.77	-	19.84	27.62	4.29	-
AV	2.4062G	95.77	Inf	-Inf	31.90	3	Vertical	345	2.77	-	63.87	27.59	4.31	-
PK	2.3898G	70.30	74.00	-3.70	31.91	3	Vertical	345	2.77	-	38.39	27.62	4.29	-
PK	2.409G	107.43	Inf	-Inf	31.89	3	Vertical	345	2.77	-	75.54	27.58	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2412MHz_TX

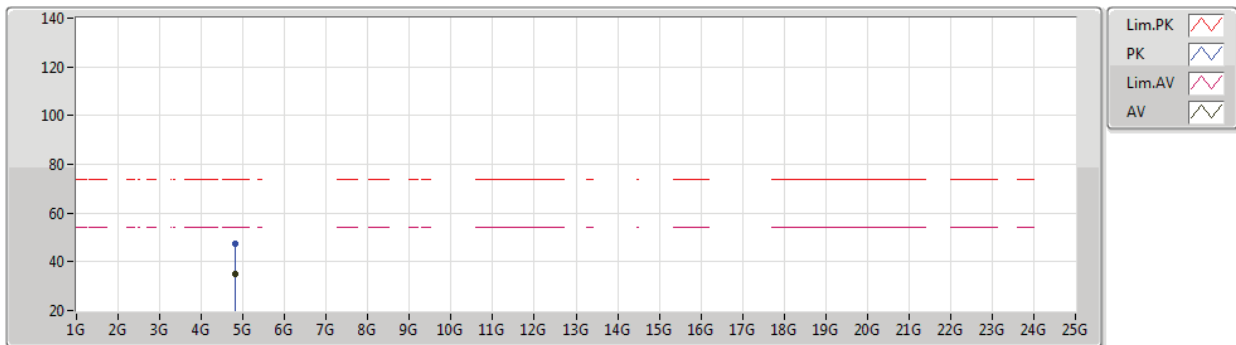


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	51.58	54.00	-2.42	31.91	3	Horizontal	227	2.81	-	19.67	27.62	4.29	-
AV	2.4162G	94.29	Inf	-Inf	31.89	3	Horizontal	227	2.81	-	62.40	27.57	4.32	-
PK	2.3894G	69.60	74.00	-4.40	31.91	3	Horizontal	227	2.81	-	37.69	27.62	4.29	-
PK	2.409G	106.24	Inf	-Inf	31.89	3	Horizontal	227	2.81	-	74.35	27.58	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2412MHz_TX

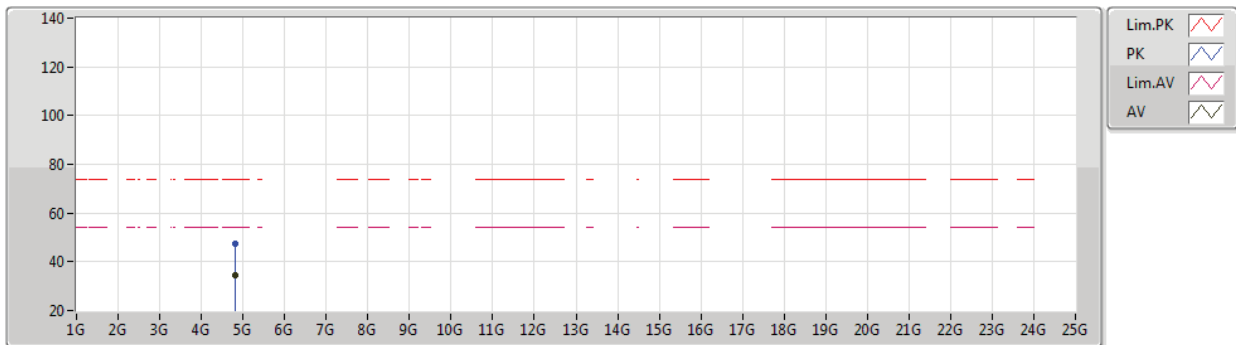


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82408G	35.08	54.00	-18.92	8.22	3	Vertical	149	1.48	-	26.86	31.10	6.52	29.40
PK	4.824G	47.49	74.00	-26.51	8.22	3	Vertical	149	1.48	-	39.27	31.10	6.52	29.40

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2412MHz_TX

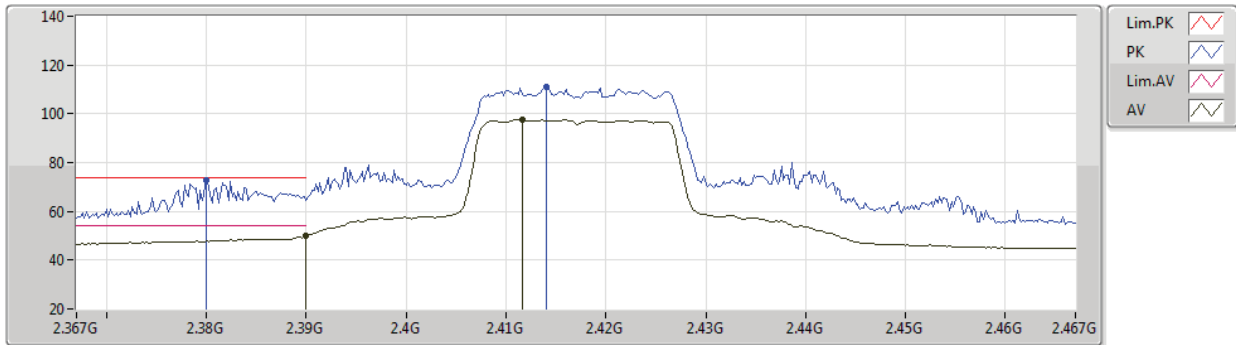


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82288G	34.46	54.00	-19.54	8.22	3	Horizontal	304	2.91	-	26.24	31.10	6.52	29.40
PK	4.82064G	47.52	74.00	-26.48	8.22	3	Horizontal	304	2.91	-	39.30	31.10	6.52	29.40

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2417MHz_TX

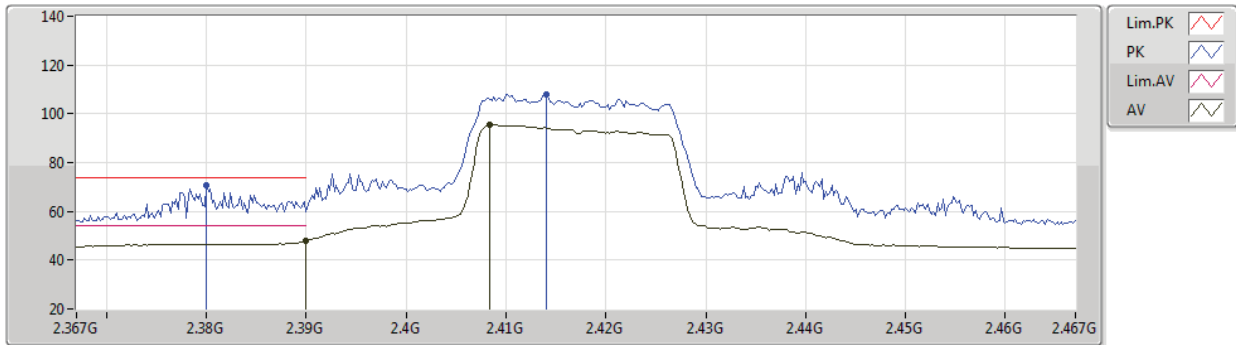


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	49.91	54.00	-4.09	31.91	3	Vertical	0	1.73	-	18.00	27.62	4.29	-
AV	2.4116G	97.60	Inf	-Inf	31.89	3	Vertical	0	1.73	-	65.71	27.58	4.31	-
PK	2.38G	72.92	74.00	-1.08	31.92	3	Vertical	0	1.73	-	41.00	27.64	4.28	-
PK	2.414G	110.84	Inf	-Inf	31.88	3	Vertical	0	1.73	-	78.96	27.57	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2417MHz_TX

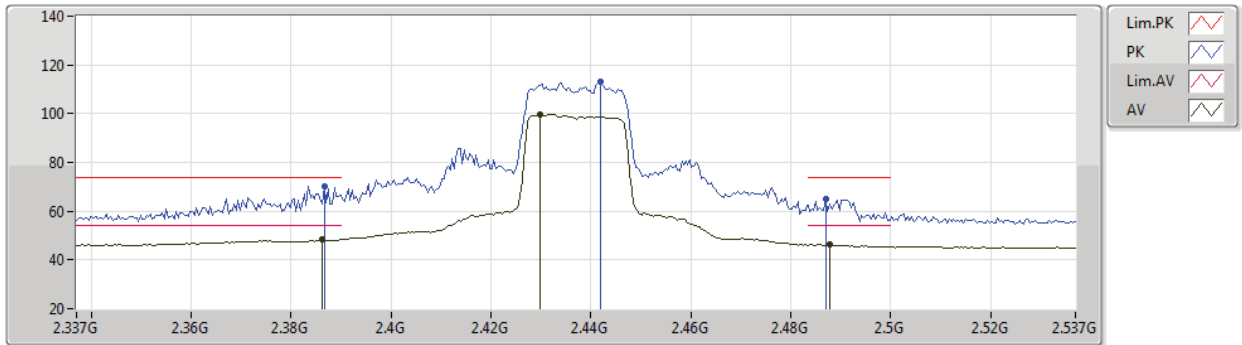


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.87	54.00	-6.13	31.91	3	Horizontal	222	2.28	-	15.96	27.62	4.29	-
AV	2.4084G	95.45	Inf	-Inf	31.89	3	Horizontal	222	2.28	-	63.56	27.58	4.31	-
PK	2.38G	70.85	74.00	-3.15	31.92	3	Horizontal	222	2.28	-	38.93	27.64	4.28	-
PK	2.414G	107.81	Inf	-Inf	31.88	3	Horizontal	222	2.28	-	75.93	27.57	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

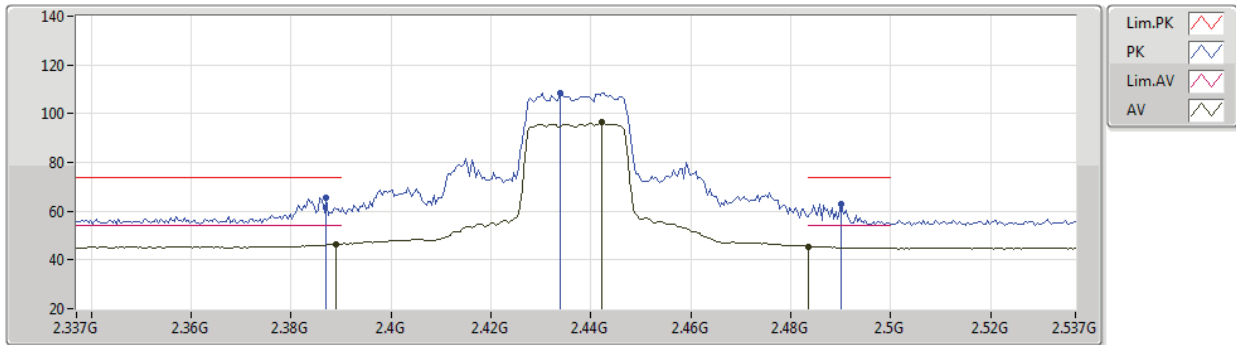


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	48.45	54.00	-5.55	31.92	3	Vertical	190	2.12	-	16.53	27.63	4.29	-
AV	2.4298G	99.57	Inf	-Inf	31.87	3	Vertical	190	2.12	-	67.70	27.54	4.33	-
AV	2.4878G	46.27	54.00	-7.73	31.81	3	Vertical	190	2.12	-	14.46	27.42	4.39	-
PK	2.3866G	70.10	74.00	-3.90	31.92	3	Vertical	190	2.12	-	38.18	27.63	4.29	-
PK	2.4418G	113.09	Inf	-Inf	31.86	3	Vertical	190	2.12	-	81.23	27.52	4.34	-
PK	2.487G	65.23	74.00	-8.77	31.82	3	Vertical	190	2.12	-	33.41	27.43	4.39	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

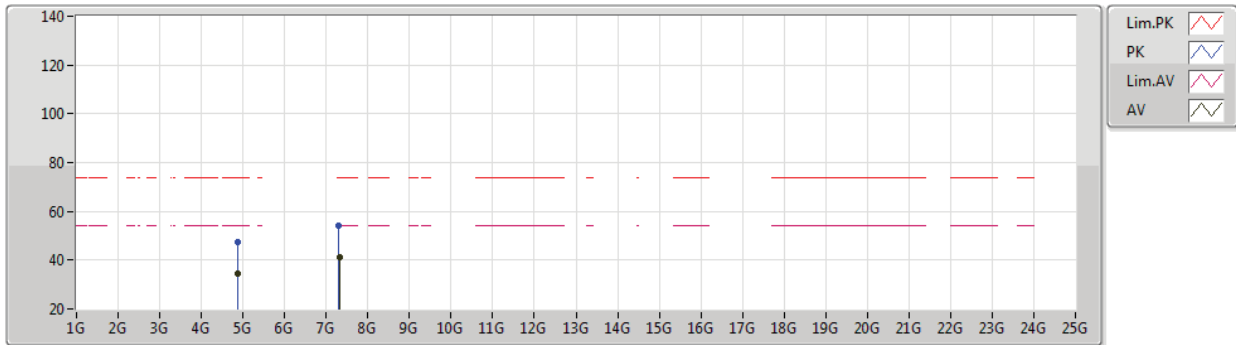


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.389G	46.45	54.00	-7.55	31.91	3	Horizontal	336	1.37	-	14.54	27.62	4.29	-
AV	2.4422G	96.34	Inf	-Inf	31.86	3	Horizontal	336	1.37	-	64.48	27.52	4.34	-
AV	2.4835G	45.53	54.00	-8.47	31.81	3	Horizontal	336	1.37	-	13.72	27.43	4.38	-
PK	2.387G	65.58	74.00	-8.42	31.92	3	Horizontal	336	1.37	-	33.66	27.63	4.29	-
PK	2.4338G	108.62	Inf	-Inf	31.86	3	Horizontal	336	1.37	-	76.76	27.53	4.33	-
PK	2.4902G	62.80	74.00	-11.20	31.81	3	Horizontal	336	1.37	-	30.99	27.42	4.39	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

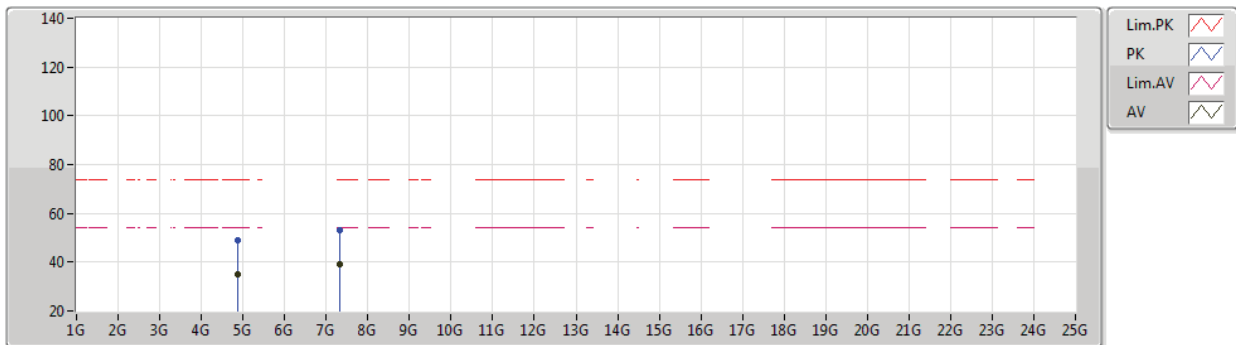


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87408G	34.65	54.00	-19.35	8.29	3	Vertical	147	1.10	-	26.36	31.10	6.57	29.38
AV	7.31212G	41.01	54.00	-12.99	13.56	3	Vertical	163	2.68	-	27.45	36.32	7.60	30.36
PK	4.87384G	47.52	74.00	-26.48	8.29	3	Vertical	147	1.10	-	39.23	31.10	6.57	29.38
PK	7.31004G	53.92	74.00	-20.08	13.56	3	Vertical	163	2.68	-	40.36	36.32	7.60	30.36

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

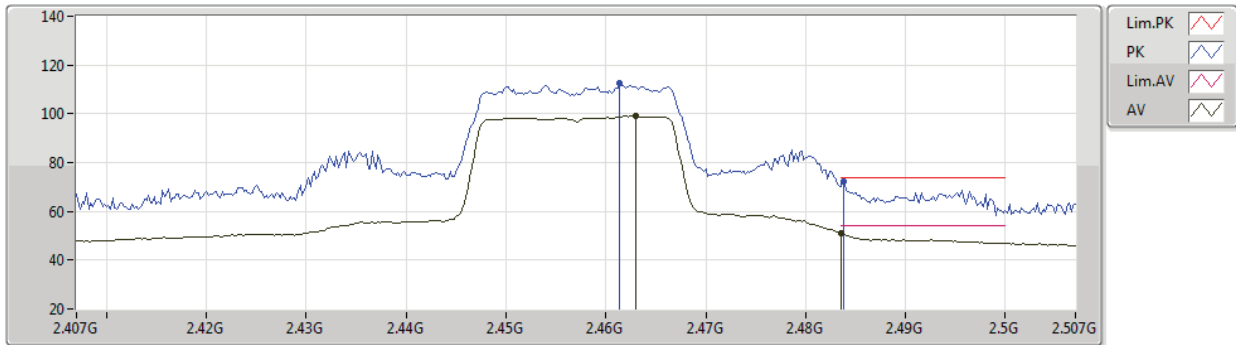


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87304G	35.12	54.00	-18.88	8.29	3	Horizontal	301	2.59	-	26.83	31.10	6.57	29.38
AV	7.3154G	39.33	54.00	-14.67	13.57	3	Horizontal	320	2.15	-	25.76	36.33	7.60	30.36
PK	4.87312G	48.82	74.00	-25.18	8.29	3	Horizontal	301	2.59	-	40.53	31.10	6.57	29.38
PK	7.31588G	52.90	74.00	-21.10	13.57	3	Horizontal	320	2.15	-	39.33	36.33	7.60	30.36

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2457MHz_TX

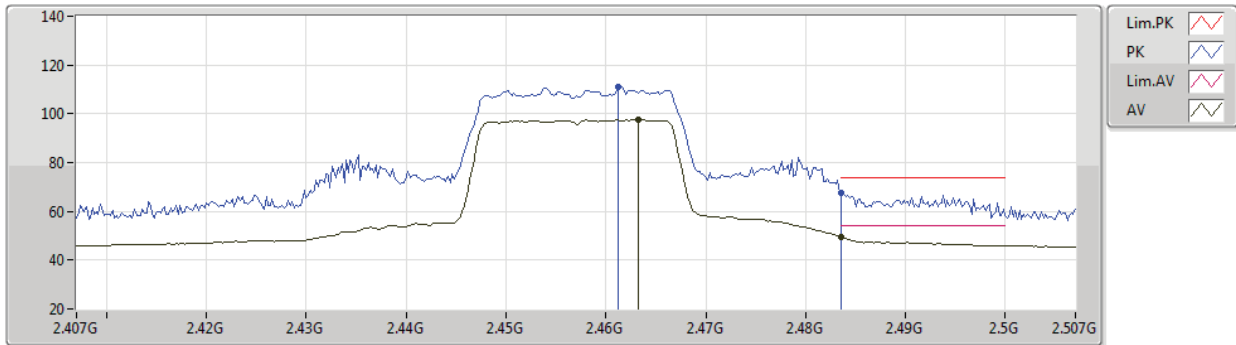


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.463G	98.99	Inf	-Inf	31.83	3	Vertical	190	1.72	-	67.16	27.47	4.36	-
AV	2.4835G	50.96	54.00	-3.04	31.81	3	Vertical	190	1.72	-	19.15	27.43	4.38	-
PK	2.4614G	112.62	Inf	-Inf	31.84	3	Vertical	190	1.72	-	80.78	27.48	4.36	-
PK	2.4838G	72.41	74.00	-1.59	31.81	3	Vertical	190	1.72	-	40.60	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2457MHz_TX

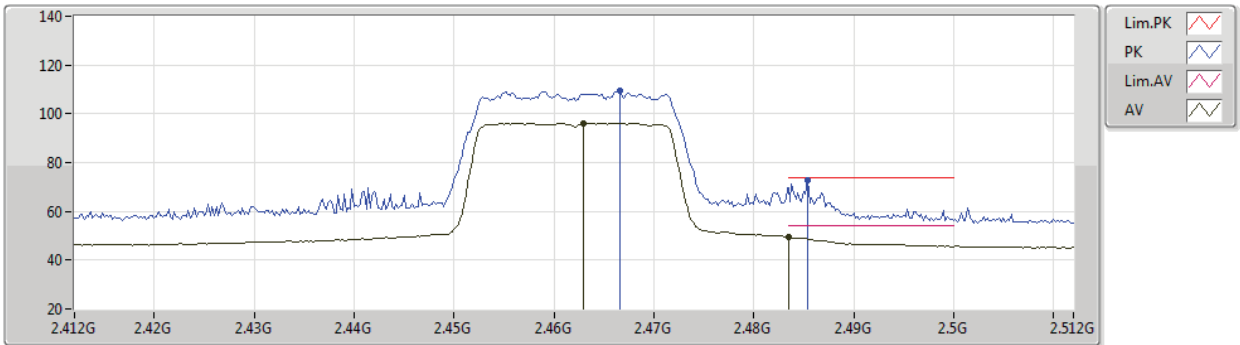


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4632G	97.65	Inf	-Inf	31.83	3	Horizontal	223	2.73	-	65.82	27.47	4.36	-
AV	2.4835G	49.68	54.00	-4.32	31.81	3	Horizontal	223	2.73	-	17.87	27.43	4.38	-
PK	2.4612G	110.96	Inf	-Inf	31.84	3	Horizontal	223	2.73	-	79.12	27.48	4.36	-
PK	2.4835G	67.46	74.00	-6.54	31.81	3	Horizontal	223	2.73	-	35.65	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2462MHz_TX

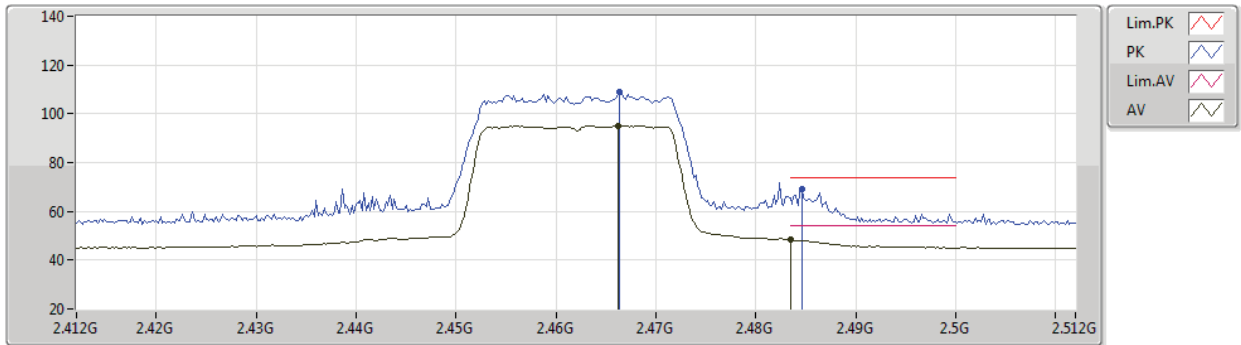


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.463G	96.20	Inf	-Inf	31.83	3	Vertical	188	1.71	-	64.37	27.47	4.36	-
AV	2.4835G	49.55	54.00	-4.45	31.81	3	Vertical	188	1.71	-	17.74	27.43	4.38	-
PK	2.4666G	109.36	Inf	-Inf	31.84	3	Vertical	188	1.71	-	77.52	27.47	4.37	-
PK	2.4854G	72.66	74.00	-1.34	31.82	3	Vertical	188	1.71	-	40.84	27.43	4.39	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2462MHz_TX

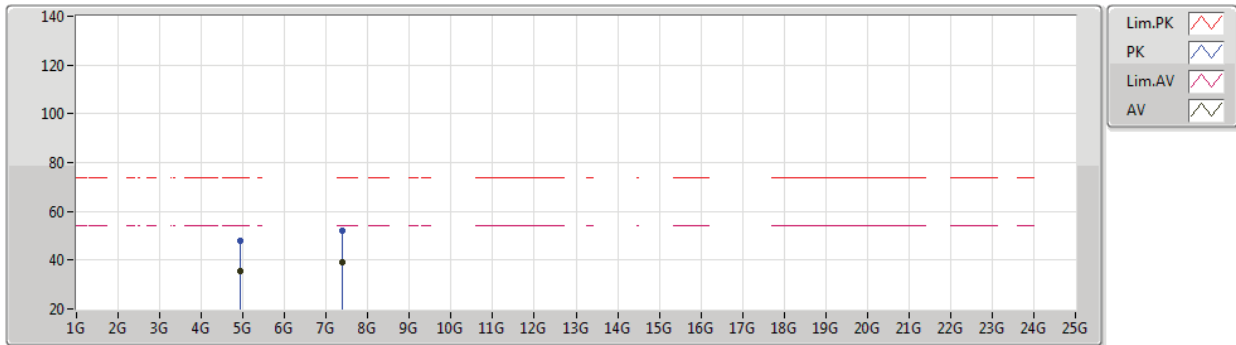


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4662G	95.15	Inf	-5.75	31.84	3	Horizontal	226	2.74	-	63.31	27.47	4.37	-
AV	2.4835G	48.25	54.00	-5.75	31.81	3	Horizontal	226	2.74	-	16.44	27.43	4.38	-
PK	2.4664G	109.08	Inf	-Inf	31.84	3	Horizontal	226	2.74	-	77.24	27.47	4.37	-
PK	2.4846G	69.17	74.00	-4.83	31.81	3	Horizontal	226	2.74	-	37.36	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2462MHz_TX

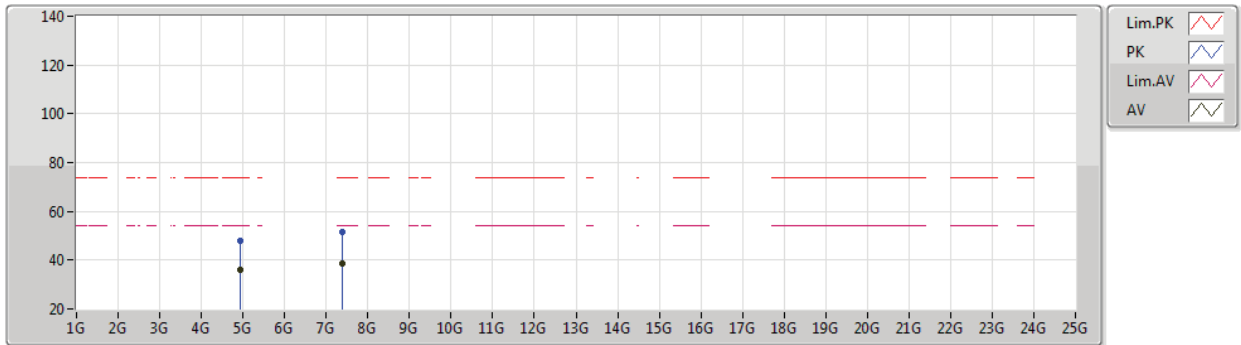


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92392G	35.49	54.00	-18.51	8.42	3	Vertical	242	2.49	-	27.07	31.15	6.62	29.35
AV	7.37712G	39.15	54.00	-14.85	13.37	3	Vertical	208	2.73	-	25.78	36.18	7.60	30.41
PK	4.9236G	47.82	74.00	-26.18	8.41	3	Vertical	242	2.49	-	39.41	31.15	6.62	29.36
PK	7.3772G	52.31	74.00	-21.69	13.37	3	Vertical	208	2.73	-	38.94	36.18	7.60	30.41

802.11ax HEW20_Nss1,(MCS0)_2TX

10/08/2020

2462MHz_TX

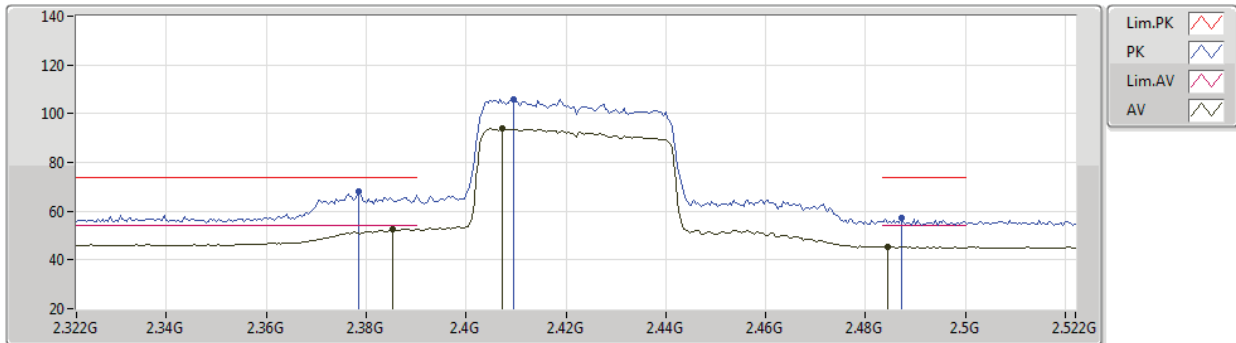


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.924G	36.01	54.00	-17.99	8.42	3	Horizontal	306	2.86	-	27.59	31.15	6.62	29.35
AV	7.37912G	38.67	54.00	-15.33	13.35	3	Horizontal	325	2.20	-	25.32	36.17	7.60	30.42
PK	4.92376G	48.12	74.00	-25.88	8.41	3	Horizontal	306	2.86	-	39.71	31.15	6.62	29.36
PK	7.37816G	51.70	74.00	-22.30	13.35	3	Horizontal	325	2.20	-	38.35	36.17	7.60	30.42

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2422MHz_TX

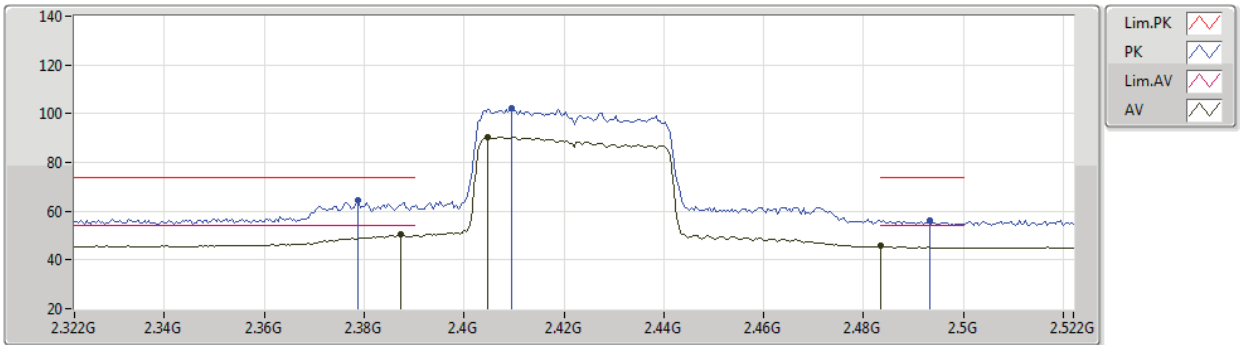


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3852G	52.80	54.00	-1.20	31.92	3	Vertical	350	2.80	-	20.88	27.63	4.29	-
AV	2.4072G	93.72	Inf	-Inf	31.90	3	Vertical	350	2.80	-	61.82	27.59	4.31	-
AV	2.4844G	45.42	54.00	-8.58	31.81	3	Vertical	350	2.80	-	13.61	27.43	4.38	-
PK	2.3784G	67.93	74.00	-6.07	31.92	3	Vertical	350	2.80	-	36.01	27.64	4.28	-
PK	2.4096G	105.78	Inf	-Inf	31.89	3	Vertical	350	2.80	-	73.89	27.58	4.31	-
PK	2.4872G	57.05	74.00	-16.95	31.82	3	Vertical	350	2.80	-	25.23	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2422MHz_TX

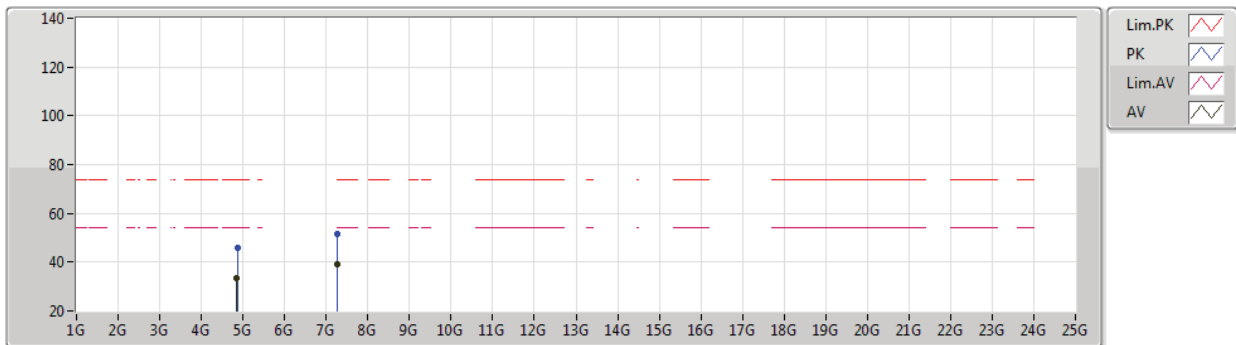


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3872G	50.27	54.00	-3.73	31.92	3	Horizontal	335	1.01	-	18.35	27.63	4.29	-
AV	2.4048G	90.40	Inf	-Inf	31.89	3	Horizontal	335	1.01	-	58.51	27.59	4.30	-
AV	2.4835G	45.62	54.00	-8.38	31.81	3	Horizontal	335	1.01	-	13.81	27.43	4.38	-
PK	2.3788G	64.63	74.00	-9.37	31.92	3	Horizontal	335	1.01	-	32.71	27.64	4.28	-
PK	2.4096G	102.26	Inf	-Inf	31.89	3	Horizontal	335	1.01	-	70.37	27.58	4.31	-
PK	2.4932G	56.00	74.00	-18.00	31.80	3	Horizontal	335	1.01	-	24.20	27.41	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2422MHz_TX

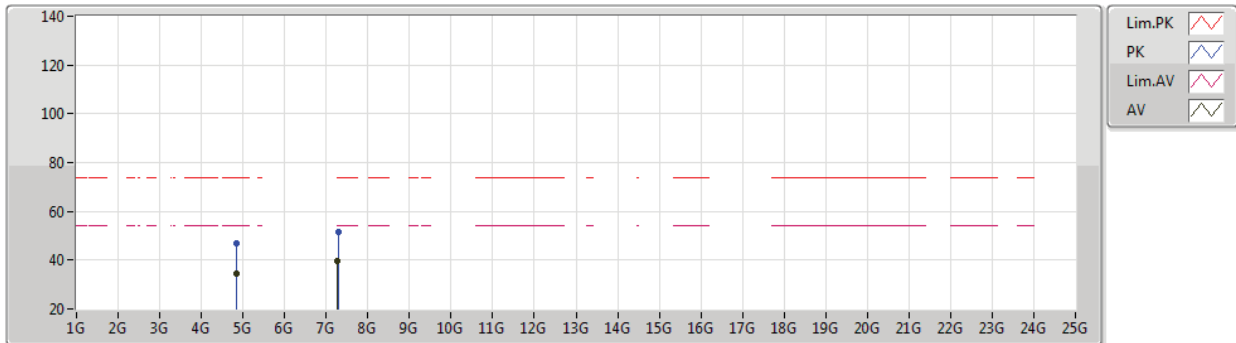


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8428G	33.69	54.00	-20.31	8.25	3	Vertical	209	1.50	-	25.44	31.10	6.54	29.39
AV	7.25152G	39.38	54.00	-14.62	13.59	3	Vertical	47	1.81	-	25.79	36.30	7.60	30.31
PK	4.862G	46.03	74.00	-27.97	8.28	3	Vertical	209	1.50	-	37.75	31.10	6.56	29.38
PK	7.2512G	51.44	74.00	-22.56	13.59	3	Vertical	47	1.81	-	37.85	36.30	7.60	30.31

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2422MHz_TX

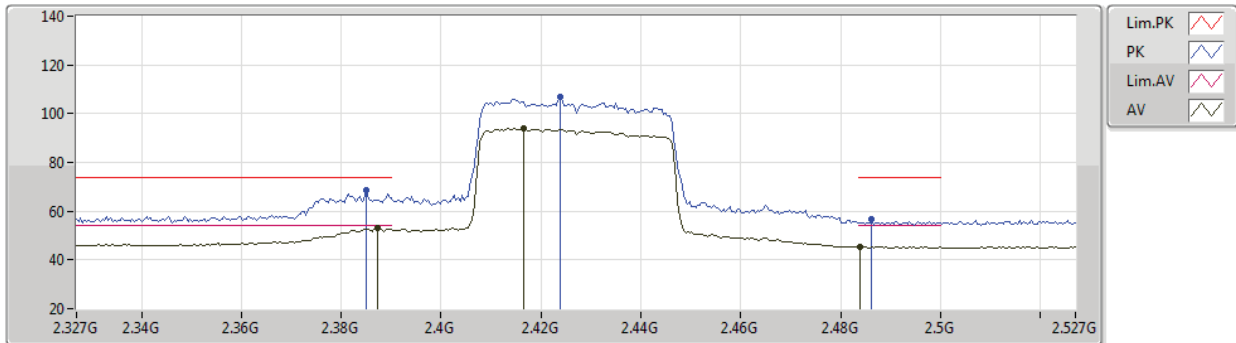


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84424G	34.46	54.00	-19.54	8.25	3	Horizontal	289	2.93	-	26.21	31.10	6.54	29.39
AV	7.27416G	39.68	54.00	-14.32	13.57	3	Horizontal	95	2.37	-	26.11	36.30	7.60	30.33
PK	4.85008G	46.90	74.00	-27.10	8.26	3	Horizontal	289	2.93	-	38.64	31.10	6.55	29.39
PK	7.28224G	51.65	74.00	-22.35	13.57	3	Horizontal	95	2.37	-	38.08	36.30	7.60	30.33

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2427MHz_TX

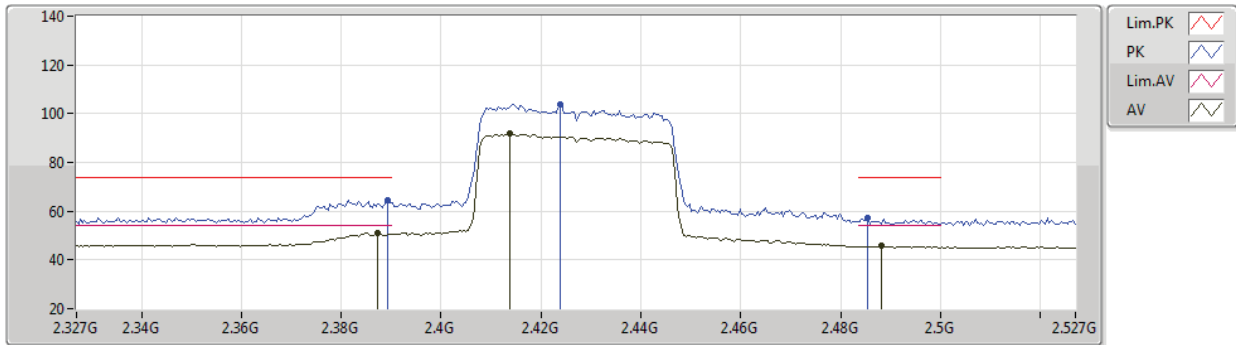


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	53.00	54.00	-1.00	31.92	3	Vertical	0	1.72	-	21.08	27.63	4.29	-
AV	2.4166G	93.89	Inf	-Inf	31.89	3	Vertical	0	1.72	-	62.00	27.57	4.32	-
AV	2.4838G	45.46	54.00	-8.54	31.81	3	Vertical	0	1.72	-	13.65	27.43	4.38	-
PK	2.385G	68.38	74.00	-5.62	31.92	3	Vertical	0	1.72	-	36.46	27.63	4.29	-
PK	2.4238G	106.73	Inf	-Inf	31.87	3	Vertical	0	1.72	-	74.86	27.55	4.32	-
PK	2.4862G	56.58	74.00	-17.42	31.82	3	Vertical	0	1.72	-	24.76	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2427MHz_TX

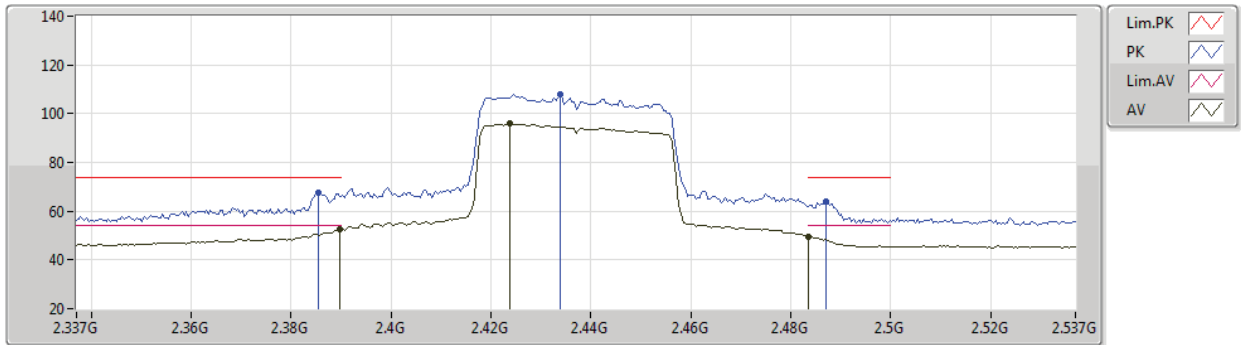


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3874G	50.92	54.00	-3.08	31.92	3	Horizontal	223	2.93	-	19.00	27.63	4.29	-
AV	2.4138G	91.86	Inf	-Inf	31.88	3	Horizontal	223	2.93	-	59.98	27.57	4.31	-
AV	2.4882G	45.63	54.00	-8.37	31.81	3	Horizontal	223	2.93	-	13.82	27.42	4.39	-
PK	2.3894G	64.60	74.00	-9.40	31.91	3	Horizontal	223	2.93	-	32.69	27.62	4.29	-
PK	2.4238G	103.82	Inf	-Inf	31.87	3	Horizontal	223	2.93	-	71.95	27.55	4.32	-
PK	2.4854G	57.02	74.00	-16.98	31.82	3	Horizontal	223	2.93	-	25.20	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

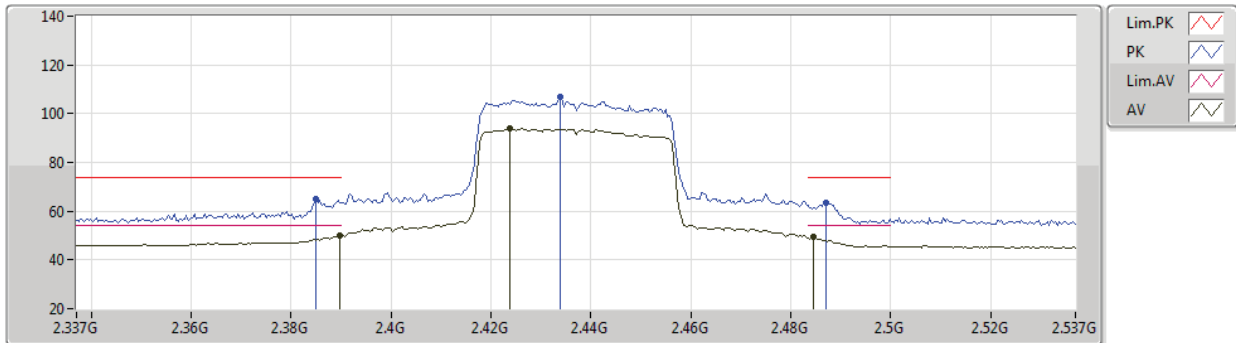


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.62	54.00	-1.38	31.91	3	Vertical	360	1.69	-	20.71	27.62	4.29	-
AV	2.4238G	96.12	Inf	-Inf	31.87	3	Vertical	360	1.69	-	64.25	27.55	4.32	-
AV	2.4835G	49.59	54.00	-4.41	31.81	3	Vertical	360	1.69	-	17.78	27.43	4.38	-
PK	2.3854G	67.37	74.00	-6.63	31.92	3	Vertical	360	1.69	-	35.45	27.63	4.29	-
PK	2.4338G	107.97	Inf	-Inf	31.86	3	Vertical	360	1.69	-	76.11	27.53	4.33	-
PK	2.487G	63.78	74.00	-10.22	31.82	3	Vertical	360	1.69	-	31.96	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

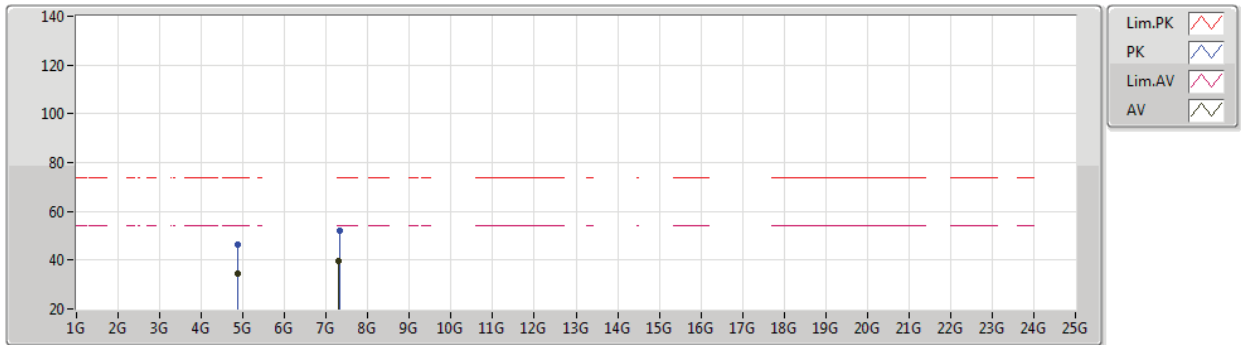


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.06	54.00	-3.94	31.91	3	Horizontal	224	2.86	-	18.15	27.62	4.29	-
AV	2.4238G	93.97	Inf	-Inf	31.87	3	Horizontal	224	2.86	-	62.10	27.55	4.32	-
AV	2.4846G	49.27	54.00	-4.73	31.81	3	Horizontal	224	2.86	-	17.46	27.43	4.38	-
PK	2.385G	64.83	74.00	-9.17	31.92	3	Horizontal	224	2.86	-	32.91	27.63	4.29	-
PK	2.4338G	106.91	Inf	-Inf	31.86	3	Horizontal	224	2.86	-	75.05	27.53	4.33	-
PK	2.487G	63.70	74.00	-10.30	31.82	3	Horizontal	224	2.86	-	31.88	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

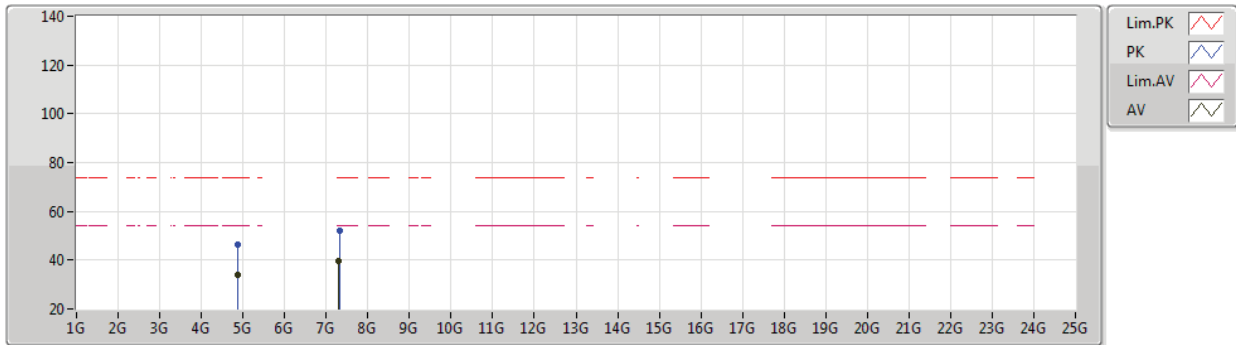


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	34.56	54.00	-19.44	8.29	3	Vertical	146	1.01	-	26.27	31.10	6.57	29.38
AV	7.29468G	39.85	54.00	-14.15	13.56	3	Vertical	21	1.20	-	26.29	36.30	7.60	30.34
PK	4.86672G	46.29	74.00	-27.71	8.29	3	Vertical	146	1.01	-	38.00	31.10	6.57	29.38
PK	7.32964G	52.22	74.00	-21.78	13.59	3	Vertical	21	1.20	-	38.63	36.36	7.60	30.37

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2437MHz_TX

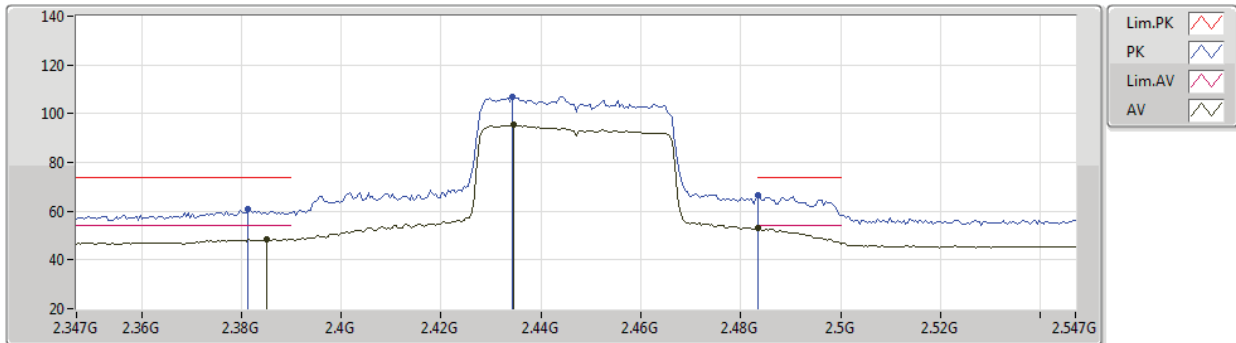


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87656G	34.10	54.00	-19.90	8.30	3	Horizontal	170	2.88	-	25.80	31.10	6.58	29.38
AV	7.30484G	39.44	54.00	-14.56	13.56	3	Horizontal	95	1.73	-	25.88	36.31	7.60	30.35
PK	4.87144G	46.17	74.00	-27.83	8.29	3	Horizontal	170	2.88	-	37.88	31.10	6.57	29.38
PK	7.31452G	52.10	74.00	-21.90	13.57	3	Horizontal	95	1.73	-	38.53	36.33	7.60	30.36

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2447MHz_TX

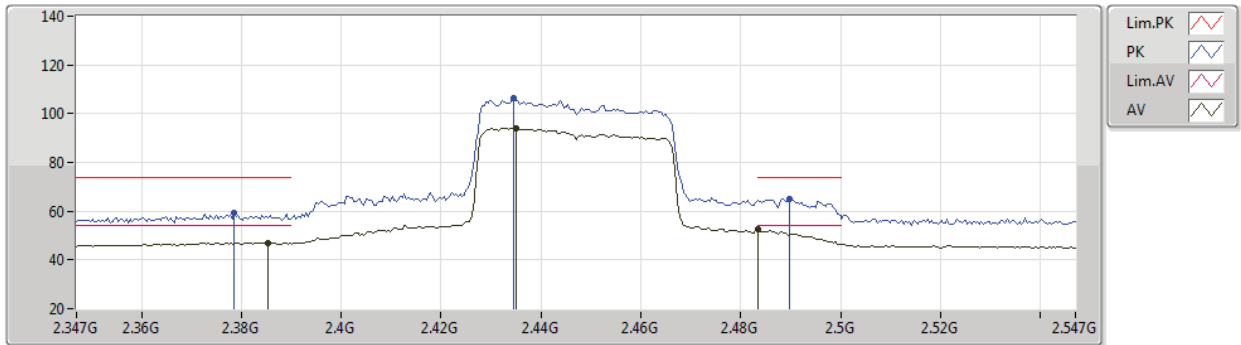


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.385G	48.44	54.00	-5.56	31.92	3	Vertical	360	1.64	-	16.52	27.63	4.29	-
AV	2.4346G	95.29	Inf	-Inf	31.86	3	Vertical	360	1.64	-	63.43	27.53	4.33	-
AV	2.4835G	52.96	54.00	-1.04	31.81	3	Vertical	360	1.64	-	21.15	27.43	4.38	-
PK	2.3814G	60.90	74.00	-13.10	31.92	3	Vertical	360	1.64	-	28.98	27.64	4.28	-
PK	2.4342G	107.11	Inf	-Inf	31.86	3	Vertical	360	1.64	-	75.25	27.53	4.33	-
PK	2.4835G	66.50	74.00	-7.50	31.81	3	Vertical	360	1.64	-	34.69	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2447MHz_TX

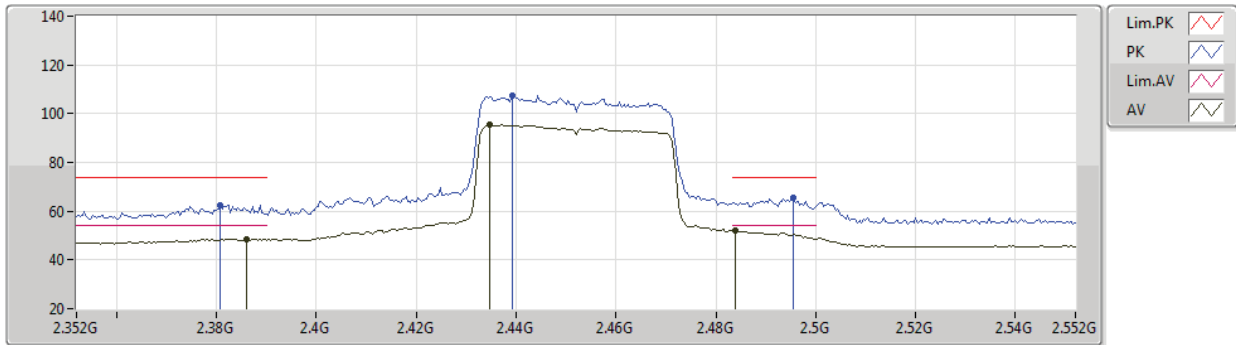


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3854G	47.02	54.00	-6.98	31.92	3	Horizontal	223	2.86	-	15.10	27.63	4.29	-
AV	2.435G	94.03	Inf	-Inf	31.86	3	Horizontal	223	2.86	-	62.17	27.53	4.33	-
AV	2.4835G	52.61	54.00	-1.39	31.81	3	Horizontal	223	2.86	-	20.80	27.43	4.38	-
PK	2.3786G	59.49	74.00	-14.51	31.92	3	Horizontal	223	2.86	-	27.57	27.64	4.28	-
PK	2.4346G	106.17	Inf	-Inf	31.86	3	Horizontal	223	2.86	-	74.31	27.53	4.33	-
PK	2.4898G	65.11	74.00	-8.89	31.81	3	Horizontal	223	2.86	-	33.30	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2452MHz_TX

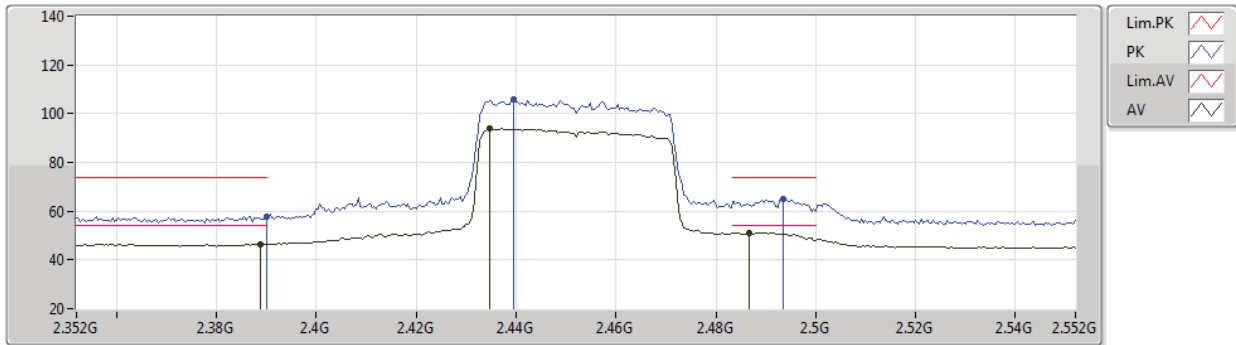


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.386G	48.49	54.00	-5.51	31.92	3	Vertical	0	1.66	-	16.57	27.63	4.29	-
AV	2.4348G	95.70	Inf	-Inf	31.86	3	Vertical	0	1.66	-	63.84	27.53	4.33	-
AV	2.484G	52.32	54.00	-1.68	31.81	3	Vertical	0	1.66	-	20.51	27.43	4.38	-
PK	2.3808G	62.32	74.00	-11.68	31.92	3	Vertical	0	1.66	-	30.40	27.64	4.28	-
PK	2.4392G	107.35	Inf	-Inf	31.86	3	Vertical	0	1.66	-	75.49	27.52	4.34	-
PK	2.4956G	65.58	74.00	-8.42	31.81	3	Vertical	0	1.66	-	33.77	27.41	4.40	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2452MHz_TX

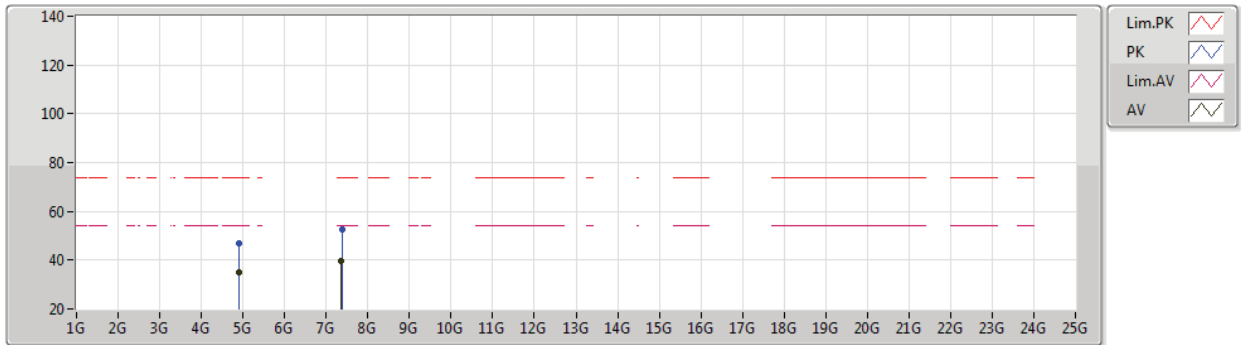


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3888G	46.53	54.00	-7.47	31.91	3	Horizontal	227	2.49	-	14.62	27.62	4.29	-
AV	2.4348G	93.95	Inf	-Inf	31.86	3	Horizontal	227	2.49	-	62.09	27.53	4.33	-
AV	2.4868G	51.23	54.00	-2.77	31.82	3	Horizontal	227	2.49	-	19.41	27.43	4.39	-
PK	2.39G	57.84	74.00	-16.16	31.91	3	Horizontal	227	2.49	-	25.93	27.62	4.29	-
PK	2.4396G	105.79	Inf	-Inf	31.86	3	Horizontal	227	2.49	-	73.93	27.52	4.34	-
PK	2.4936G	64.86	74.00	-9.14	31.80	3	Horizontal	227	2.49	-	33.06	27.41	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

2452MHz_TX

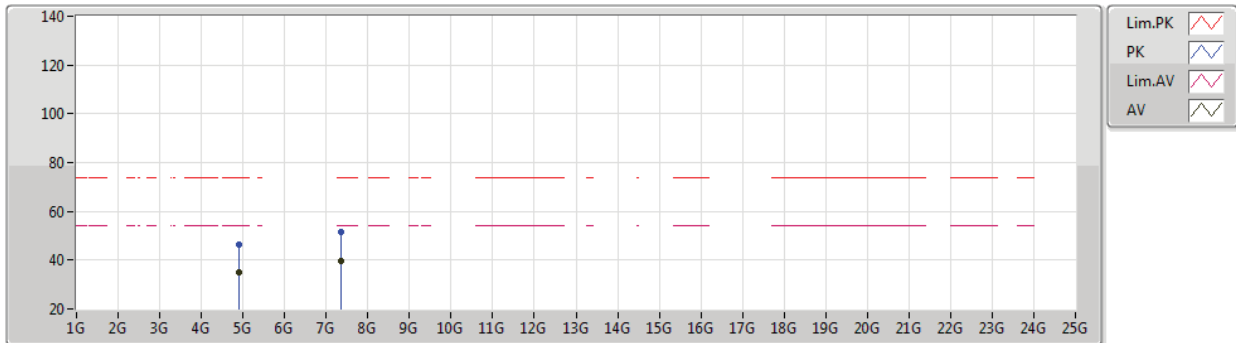


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.90392G	34.89	54.00	-19.11	8.35	3	Vertical	130	1.42	-	26.54	31.11	6.60	29.36
AV	7.35424G	39.43	54.00	-14.57	13.58	3	Vertical	12	2.10	-	25.85	36.37	7.60	30.39
PK	4.90944G	47.01	74.00	-26.99	8.37	3	Vertical	130	1.42	-	38.64	31.12	6.61	29.36
PK	7.374G	52.56	74.00	-21.44	13.40	3	Vertical	12	2.10	-	39.16	36.21	7.60	30.41

802.11ax HEW40_Nss1,(MCS0)_2TX

10/08/2020

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	4.90408G	34.82	54.00	-19.18	8.35	3	Horizontal	133	1.85	-	26.47	31.11	6.60	29.36
AV	7.34352G	39.55	54.00	-14.45	13.60	3	Horizontal	16	1.15	-	25.95	36.39	7.60	30.39
PK	4.89344G	46.33	74.00	-27.67	8.32	3	Horizontal	133	1.85	-	38.01	31.10	6.59	29.37
PK	7.3472G	51.47	74.00	-22.53	13.60	3	Horizontal	16	1.15	-	37.87	36.39	7.60	30.39