

FCC Test Report

FCC ID : HDC-W338E0
Equipment : WiFi6 11ax wireless module
Brand Name : 
Model Name : W338E0YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant : Adtran
901 Explorer Blvd., Huntsville, AL 35806, USA
Manufacturer : XAVi Technologies Corporation
22F., No.69, Sec. 2, Guangfu Rd., Sanchong
Dist., New Taipei City 241, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 29, 2020, and testing was started from Nov. 02, 2020 and completed on Dec. 15, 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
FR002749AC	01	Initial issue of report	Jan. 12, 2021

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax(HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax(HEW40)	2422-2452	3-9 [7]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	3TX
2.4-2.4835GHz	802.11g	20	3TX
2.4-2.4835GHz	802.11ax HEW20	20	3TX
2.4-2.4835GHz	802.11ax HEW40	40	3TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	3TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	3TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	PCB antenna	I-PEX
2	-	-	PCB antenna	I-PEX
3	-	-	PCB antenna	I-PEX

Ant.	Port	Gain (dBi)		
		2400 MHz	2450 MHz	2500 MHz
1	1	2.857	3.476	3.891
2	2	4.033	3.629	2.603
3	3	3.357	2.770	3.491

Note 1: The EUT has three antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/VHT/ax mode (3TX/3RX)

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type		From Test Fixture		
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 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss1,(1Mbps)_3TX	0.936	0.29	12.418m	100
802.11g_Nss1,(6Mbps)_3TX	0.947	0.24	2.065m	1k
802.11ax HEW20_Nss1,(MCS0)_3TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_3TX	0.962	0.17	773.125u	3k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	0.949	0.23	2.931m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	0.965	0.15	4.622m	300

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
	W338E0YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")	All the models are identical, the difference model for difference brand served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

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	22.5~24.3°C / 56~63%	04/Nov/2020~15/Dec/2020
RF Conducted	TH07-HY	Justin Pan	19.9~24.3°C / 50~56%	04/Nov/2020~15/Dec/2020
Radiated	03CH09-HY	Lego Lin	23.5~24.4°C / 54~61%	02/Nov/2020~14/Dec/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	accessMTool_REL_3_2_1_0
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_3TX	-
2412MHz	89
2417MHz	95
2437MHz	96
2457MHz	95
2462MHz	94
802.11g_Nss1,(6Mbps)_3TX	-
2412MHz	70
2417MHz	74
2437MHz	84
2457MHz	76
2462MHz	62
802.11ax HEW20_Nss1,(MCS0)_3TX	-
2412MHz	53
2417MHz	70
2437MHz	82
2457MHz	69
2462MHz	54
802.11ax HEW40_Nss1,(MCS0)_3TX	-
2422MHz	48
2427MHz	53
2437MHz	65
2447MHz	51
2452MHz	51



Test Software Version	Dos6.1.7601
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Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-
2412MHz	68
2417MHz	79
2437MHz	90
2457MHz	77
2462MHz	61
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-
2422MHz	66
2427MHz	71
2437MHz	72
2447MHz	67
2452MHz	68

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	Test Fixture 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	Test Fixture mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	
Worst Planes of EUT	V

2.4 Support Equipment

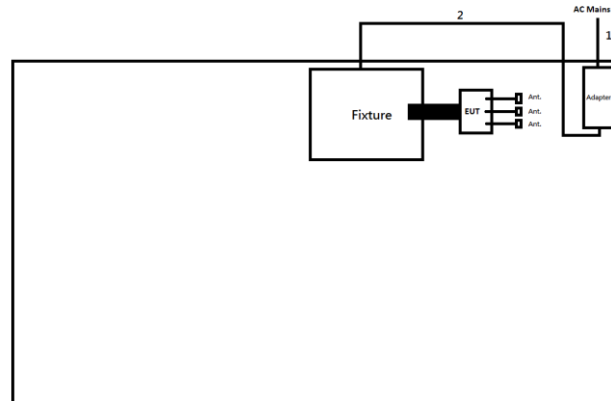
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	-	-	-	Customer provide
2	Adapter	Sunny	SYS1649-6012-T3	-	-
3	Notebook	HP	5220m	-	-
4	AC Adapter (for NB)	HP	PPP012H-S	-	-
5	AC Power cable	Power Sync	TPCMRN0018	-	-
6	Client	-	-	-	Customer provide
7	RJ-45 Cable	Power sync	CAT-6E-10	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	-	-	-	Customer provide
2	Adapter	Sunny	SYS1649-6012-T3	-	-

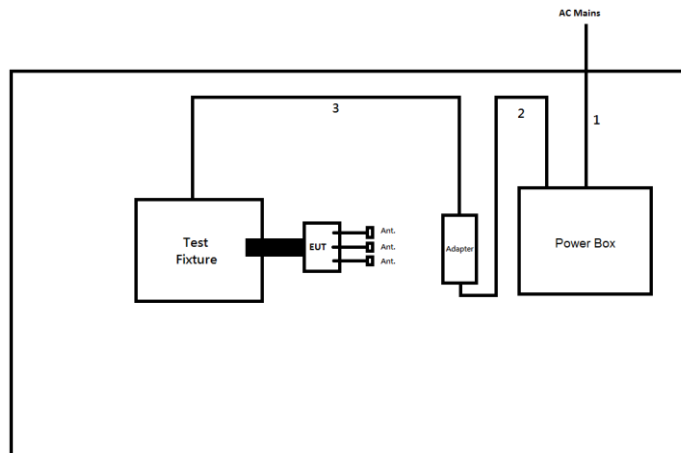
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	-	-	-	Customer provide
2	Adapter	Sunny	SYS1649-6012-T3	-	-
3	Notebook	HP	5220m	-	-
4	AC Adapter (for NB)	HP	PPP012H-S	-	-
5	AC Power cable	Power Sync	TPCMRN0018	-	-
6	Client	-	-	-	Customer provide
7	RJ-45 Cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

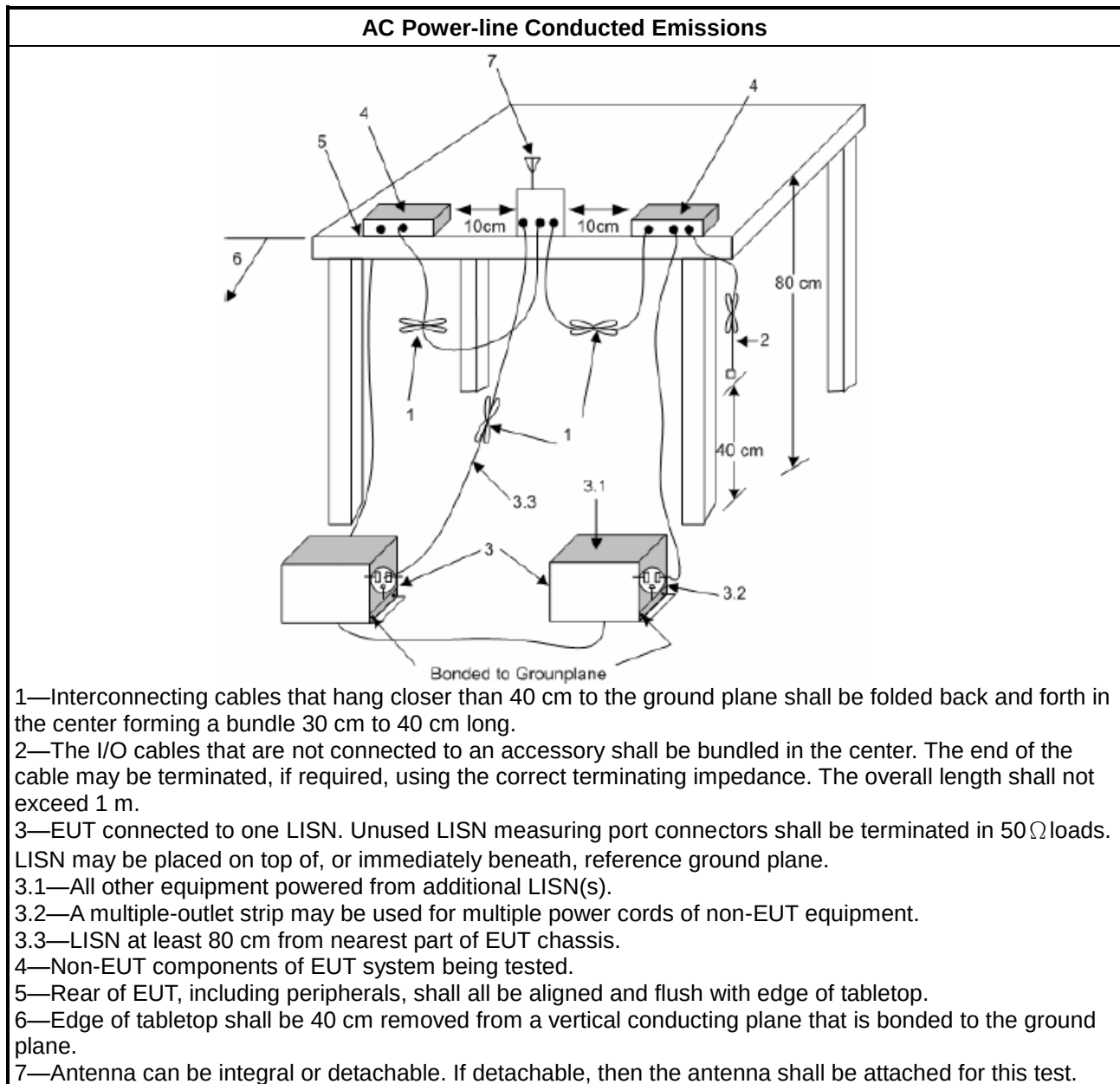
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

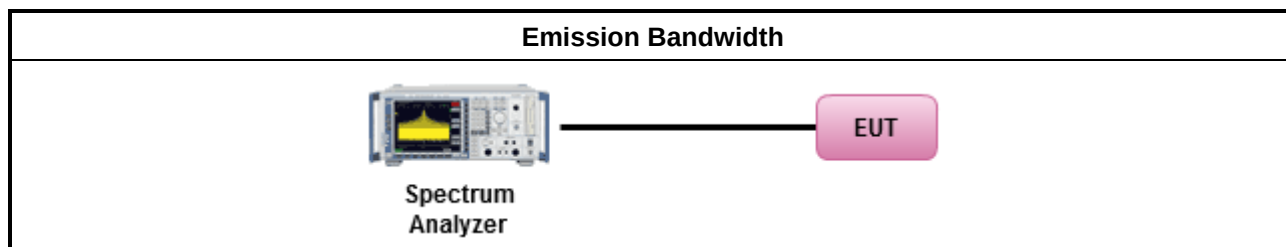
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

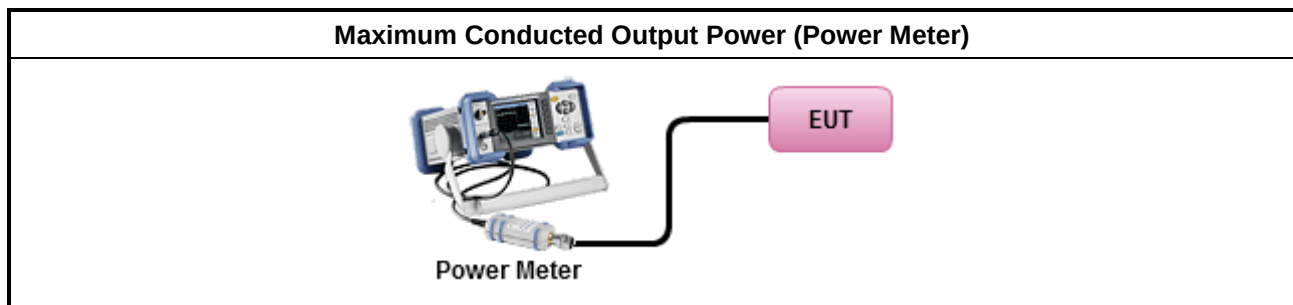
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit	
▪	Power Spectral Density (PSD) $\leq$ 8 dBm/3kHz

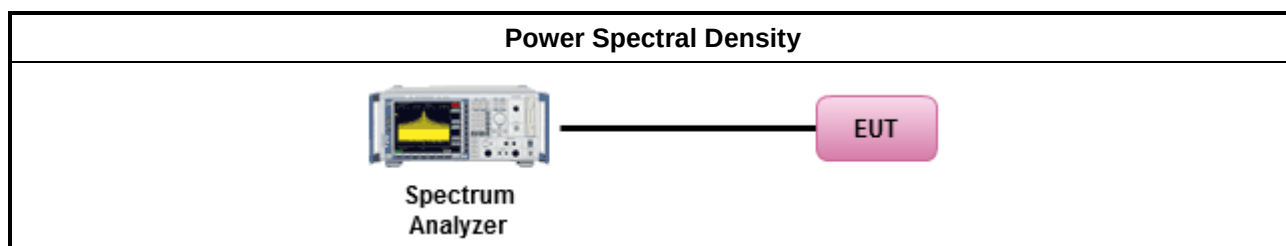
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

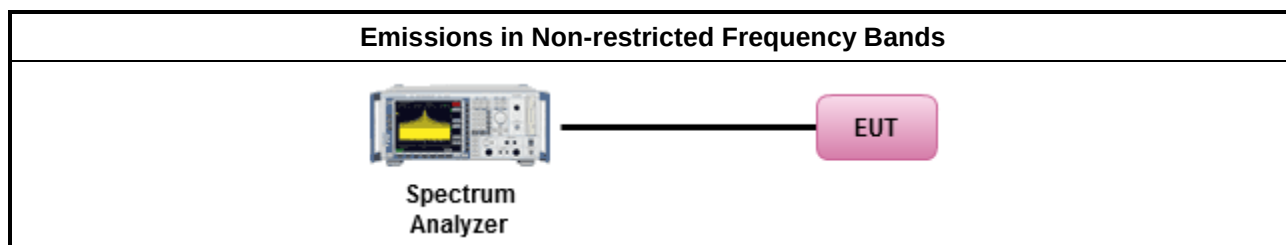
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

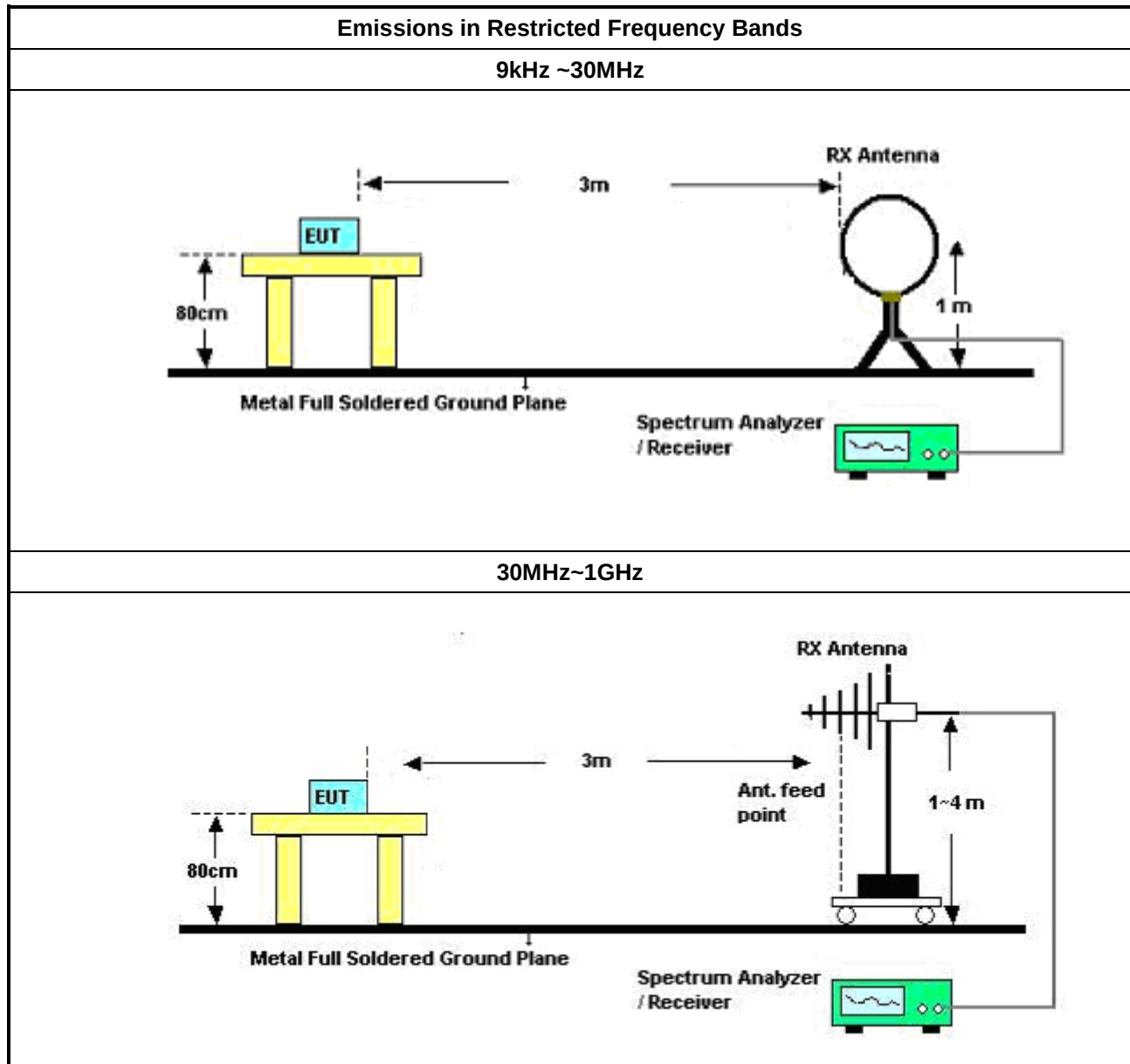
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

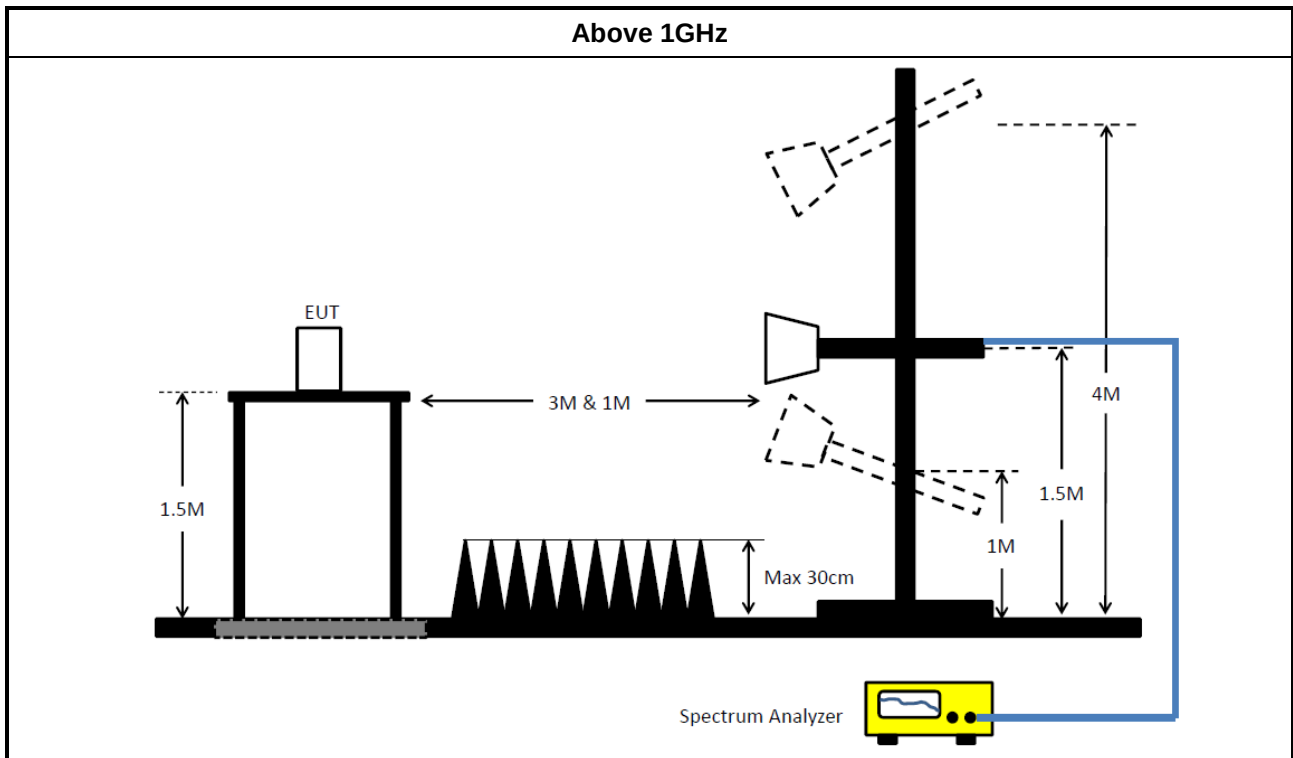
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	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	100003	9kHz ~ 30MHz	23/Sep/2020	22/Sep/2021
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Puls e Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021

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	101515	9kHz~40GHz	15/Feb/2020	14/Feb/2021
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	25/Nov/2019	24/Nov/2020
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	25/Nov/2019	24/Nov/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	11/Aug/2020	10/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	24/Jul/2020	23/Jul/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ 6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	9kHz~30MHz	03/Sep/2020	02/Sep/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/ 4	30MHz~1GHz	12/Feb/2020	11/Feb/2021
RF CABLE 5m+3m+1m	HUBER+SUHN ER	SUCOFLEX104	SN MY25918/4+ SN MY39478/4 + SN 324530/4	1GHz~40GHz	15/Aug/2020	14/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



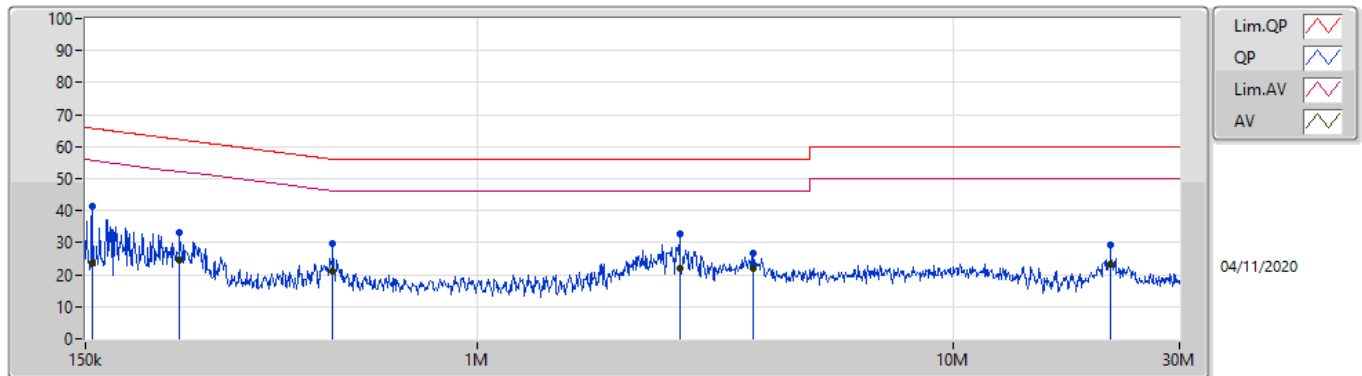
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	2.594M	33.43	56.00	-22.57	Neutral

Mode Configure

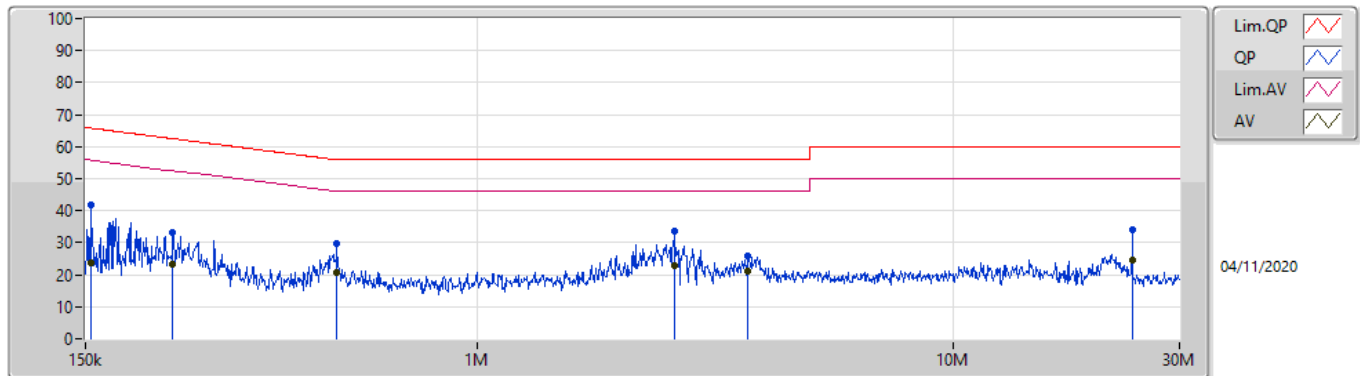
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	41.33	65.73	-24.40	Line	-
Mode 1	Pass	AV	154.868k	23.51	55.73	-32.22	Line	-
Mode 1	Pass	QP	236.447k	33.29	62.21	-28.92	Line	-
Mode 1	Pass	AV	236.447k	24.72	52.21	-27.49	Line	-
Mode 1	Pass	QP	496.827k	29.87	56.06	-26.19	Line	-
Mode 1	Pass	AV	496.827k	21.11	46.06	-24.95	Line	-
Mode 1	Pass	QP	2.667M	32.81	56.00	-23.19	Line	"Worst"
Mode 1	Pass	AV	2.667M	21.90	46.00	-24.10	Line	-
Mode 1	Pass	QP	3.805M	26.75	56.00	-29.25	Line	-
Mode 1	Pass	AV	3.805M	22.08	46.00	-23.92	Line	-
Mode 1	Pass	QP	21.519M	29.21	60.00	-30.79	Line	-
Mode 1	Pass	AV	21.519M	23.43	50.00	-26.57	Line	-
Mode 1	Pass	QP	153.636k	42.01	65.81	-23.80	Neutral	-
Mode 1	Pass	AV	153.636k	23.86	55.81	-31.95	Neutral	-
Mode 1	Pass	QP	229.015k	33.21	62.48	-29.27	Neutral	-
Mode 1	Pass	AV	229.015k	23.49	52.48	-28.99	Neutral	-
Mode 1	Pass	QP	506.843k	29.66	56.00	-26.34	Neutral	-
Mode 1	Pass	AV	506.843k	20.65	46.00	-25.35	Neutral	-
Mode 1	Pass	QP	2.594M	33.43	56.00	-22.57	Neutral	"Worst"
Mode 1	Pass	AV	2.594M	22.91	46.00	-23.09	Neutral	-
Mode 1	Pass	QP	3.715M	25.65	56.00	-30.35	Neutral	-
Mode 1	Pass	AV	3.715M	21.13	46.00	-24.87	Neutral	-
Mode 1	Pass	QP	23.873M	34.09	60.00	-25.91	Neutral	-
Mode 1	Pass	AV	23.873M	24.53	50.00	-25.47	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	41.33	65.73	-24.40	19.52	Line	-	21.81	9.61	0.01	9.90			
AV	154.868k	23.51	55.73	-32.22	19.52	Line	-	3.99	9.61	0.01	9.90			
QP	236.447k	33.29	62.21	-28.92	19.51	Line	-	13.78	9.60	0.01	9.90			
AV	236.447k	24.72	52.21	-27.49	19.51	Line	-	5.21	9.60	0.01	9.90			
QP	496.827k	29.87	56.06	-26.19	19.51	Line	-	10.36	9.60	0.03	9.88			
AV	496.827k	21.11	46.06	-24.95	19.51	Line	-	1.60	9.60	0.03	9.88			
QP	2.667M	32.81	56.00	-23.19	19.56	Line	"Worst"	13.25	9.62	0.10	9.84			
AV	2.667M	21.90	46.00	-24.10	19.56	Line	-	2.34	9.62	0.10	9.84			
QP	3.805M	26.75	56.00	-29.25	19.64	Line	-	7.11	9.63	0.12	9.89			
AV	3.805M	22.08	46.00	-23.92	19.64	Line	-	2.44	9.63	0.12	9.89			
QP	21.519M	29.21	60.00	-30.79	19.92	Line	-	9.29	9.71	0.31	9.90			
AV	21.519M	23.43	50.00	-26.57	19.92	Line	-	3.51	9.71	0.31	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.636k	42.01	65.81	-23.80	19.52	Neutral	-	22.49	9.61	0.01	9.90			
AV	153.636k	23.86	55.81	-31.95	19.52	Neutral	-	4.34	9.61	0.01	9.90			
QP	229.015k	33.21	62.48	-29.27	19.51	Neutral	-	13.70	9.60	0.01	9.90			
AV	229.015k	23.49	52.48	-28.99	19.51	Neutral	-	3.98	9.60	0.01	9.90			
QP	506.843k	29.66	56.00	-26.34	19.50	Neutral	-	10.16	9.60	0.03	9.87			
AV	506.843k	20.65	46.00	-25.35	19.50	Neutral	-	1.15	9.60	0.03	9.87			
QP	2.594M	33.43	56.00	-22.57	19.57	Neutral	"Worst"	13.86	9.63	0.10	9.84			
AV	2.594M	22.91	46.00	-23.09	19.57	Neutral	-	3.34	9.63	0.10	9.84			
QP	3.715M	25.65	56.00	-30.35	19.65	Neutral	-	6.00	9.64	0.12	9.89			
AV	3.715M	21.13	46.00	-24.87	19.65	Neutral	-	1.48	9.64	0.12	9.89			
QP	23.873M	34.09	60.00	-25.91	20.13	Neutral	-	13.96	9.89	0.34	9.90			
AV	23.873M	24.53	50.00	-25.47	20.13	Neutral	-	4.40	9.89	0.34	9.90			

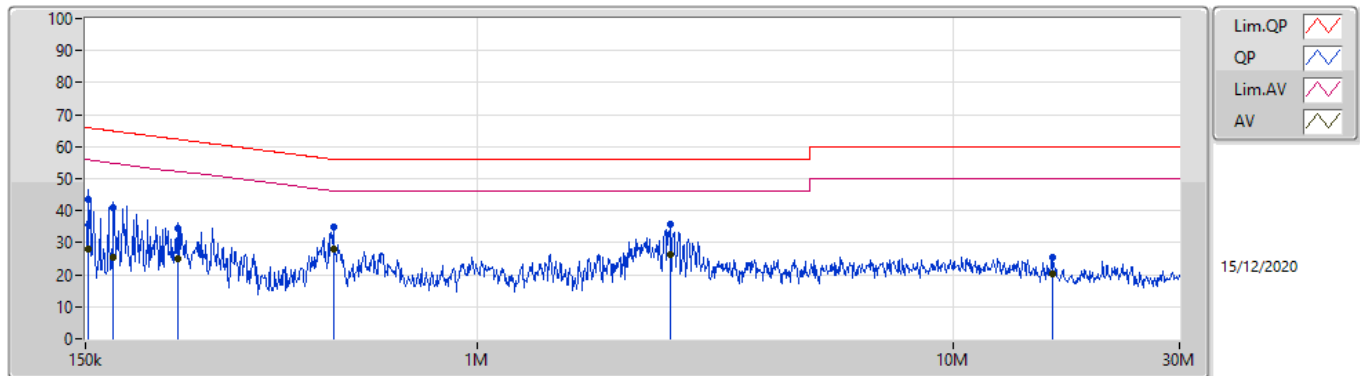
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	496.827k	28.84	46.06	-17.22	Neutral

Mode Configure

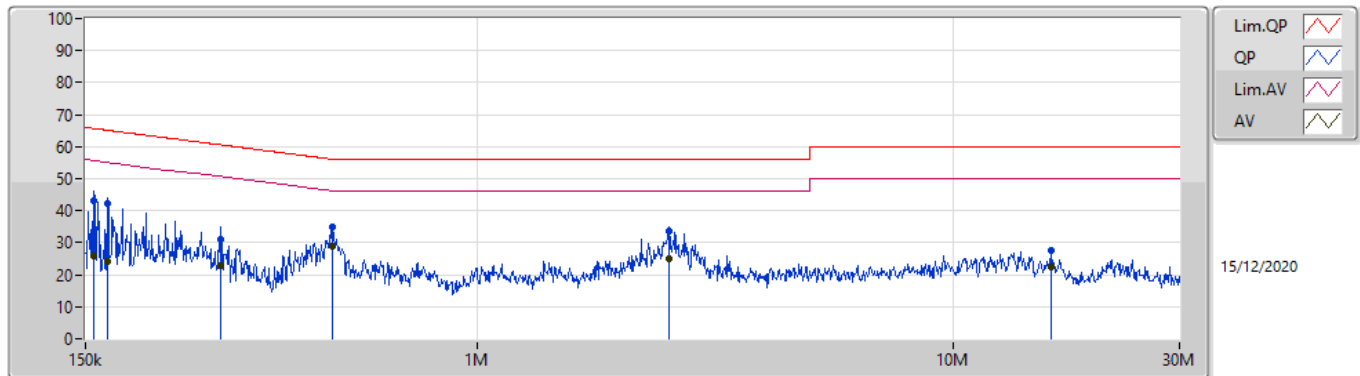
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	43.61	65.87	-22.26	Line	-
Mode 1	Pass	AV	152.414k	27.99	55.87	-27.88	Line	-
Mode 1	Pass	QP	171.806k	40.98	64.87	-23.89	Line	-
Mode 1	Pass	AV	171.806k	25.40	54.87	-29.47	Line	-
Mode 1	Pass	QP	234.567k	34.29	62.29	-28.00	Line	-
Mode 1	Pass	AV	234.567k	25.10	52.29	-27.19	Line	-
Mode 1	Pass	QP	498.814k	35.02	56.02	-21.00	Line	-
Mode 1	Pass	AV	498.814k	28.21	46.02	-17.81	Line	"Worst"
Mode 1	Pass	QP	2.543M	35.68	56.00	-20.32	Line	-
Mode 1	Pass	AV	2.543M	26.10	46.00	-19.90	Line	-
Mode 1	Pass	QP	16.208M	25.23	60.00	-34.77	Line	-
Mode 1	Pass	AV	16.208M	20.20	50.00	-29.80	Line	-
Mode 1	Pass	QP	156.109k	43.12	65.67	-22.55	Neutral	-
Mode 1	Pass	AV	156.109k	25.95	55.67	-29.72	Neutral	-
Mode 1	Pass	QP	166.406k	42.10	65.14	-23.04	Neutral	-
Mode 1	Pass	AV	166.406k	24.31	55.14	-30.83	Neutral	-
Mode 1	Pass	QP	288.682k	31.08	60.57	-29.49	Neutral	-
Mode 1	Pass	AV	288.682k	23.05	50.57	-27.52	Neutral	-
Mode 1	Pass	QP	496.827k	35.03	56.06	-21.03	Neutral	-
Mode 1	Pass	AV	496.827k	28.84	46.06	-17.22	Neutral	"Worst"
Mode 1	Pass	QP	2.533M	33.78	56.00	-22.22	Neutral	-
Mode 1	Pass	AV	2.533M	25.04	46.00	-20.96	Neutral	-
Mode 1	Pass	QP	16.079M	27.38	60.00	-32.62	Neutral	-
Mode 1	Pass	AV	16.079M	22.23	50.00	-27.77	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	43.61	65.87	-22.26	19.60	Line	-	24.01	9.69	0.01	9.90			
AV	152.414k	27.99	55.87	-27.88	19.60	Line	-	8.39	9.69	0.01	9.90			
QP	171.806k	40.98	64.87	-23.89	19.60	Line	-	21.38	9.69	0.01	9.90			
AV	171.806k	25.40	54.87	-29.47	19.60	Line	-	5.80	9.69	0.01	9.90			
QP	234.567k	34.29	62.29	-28.00	19.59	Line	-	14.70	9.68	0.01	9.90			
AV	234.567k	25.10	52.29	-27.19	19.59	Line	-	5.51	9.68	0.01	9.90			
QP	498.814k	35.02	56.02	-21.00	19.58	Line	-	15.44	9.67	0.03	9.88			
AV	498.814k	28.21	46.02	-17.81	19.58	Line	"Worst"	8.63	9.67	0.03	9.88			
QP	2.543M	35.68	56.00	-20.32	19.60	Line	-	16.08	9.68	0.09	9.83			
AV	2.543M	26.10	46.00	-19.90	19.60	Line	-	6.50	9.68	0.09	9.83			
QP	16.208M	25.23	60.00	-34.77	19.85	Line	-	5.38	9.69	0.26	9.90			
AV	16.208M	20.20	50.00	-29.80	19.85	Line	-	0.35	9.69	0.26	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.109k	43.12	65.67	-22.55	19.60	Neutral	-	23.52	9.69	0.01	9.90			
AV	156.109k	25.95	55.67	-29.72	19.60	Neutral	-	6.35	9.69	0.01	9.90			
QP	166.406k	42.10	65.14	-23.04	19.60	Neutral	-	22.50	9.69	0.01	9.90			
AV	166.406k	24.31	55.14	-30.83	19.60	Neutral	-	4.71	9.69	0.01	9.90			
QP	288.682k	31.08	60.57	-29.49	19.59	Neutral	-	11.49	9.67	0.02	9.90			
AV	288.682k	23.05	50.57	-27.52	19.59	Neutral	-	3.46	9.67	0.02	9.90			
QP	496.827k	35.03	56.06	-21.03	19.58	Neutral	-	15.45	9.67	0.03	9.88			
AV	496.827k	28.84	46.06	-17.22	19.58	Neutral	"Worst"	9.26	9.67	0.03	9.88			
QP	2.533M	33.78	56.00	-22.22	19.60	Neutral	-	14.18	9.68	0.09	9.83			
AV	2.533M	25.04	46.00	-20.96	19.60	Neutral	-	5.44	9.68	0.09	9.83			
QP	16.079M	27.38	60.00	-32.62	19.90	Neutral	-	7.48	9.74	0.26	9.90			
AV	16.079M	22.23	50.00	-27.77	19.90	Neutral	-	2.33	9.74	0.26	9.90			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_3TX	7.075M	11.854M	11M9G1D	7M	10.255M
802.11g_Nss1,(6Mbps)_3TX	16.35M	16.612M	16M6D1D	16.3M	16.552M
802.11ax HEW20_Nss1,(MCS0)_3TX	18.975M	19.03M	19M0D1D	18.6M	18.971M
802.11ax HEW40_Nss1,(MCS0)_3TX	37.55M	37.581M	37M6D1D	36.6M	37.461M

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

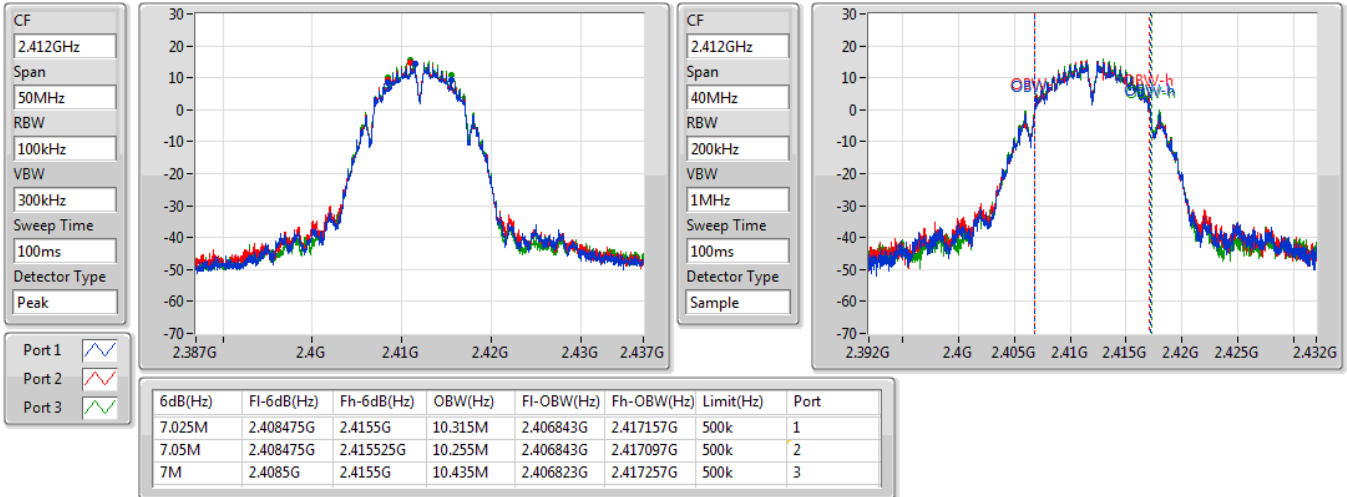
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.025M	10.315M	7.05M	10.255M	7M	10.435M
2437MHz_TnomVnom	Pass	500k	7.025M	10.555M	7.075M	10.755M	7.025M	11.854M
2462MHz_TnomVnom	Pass	500k	7M	10.415M	7M	10.455M	7.025M	11.314M
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.35M	16.572M	16.325M	16.572M	16.325M	16.552M
2437MHz_TnomVnom	Pass	500k	16.325M	16.572M	16.325M	16.612M	16.3M	16.612M
2462MHz_TnomVnom	Pass	500k	16.35M	16.572M	16.325M	16.572M	16.325M	16.592M
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.95M	18.991M	18.975M	18.991M	18.7M	19.01M
2437MHz_TnomVnom	Pass	500k	18.875M	19.01M	18.975M	19.01M	18.6M	19.03M
2462MHz_TnomVnom	Pass	500k	18.95M	18.991M	18.95M	18.971M	18.925M	18.971M
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.3M	37.501M	36.6M	37.501M	37.45M	37.541M
2437MHz_TnomVnom	Pass	500k	37.55M	37.581M	36.85M	37.541M	37.55M	37.501M
2452MHz_TnomVnom	Pass	500k	37.5M	37.501M	37.3M	37.501M	37.55M	37.461M

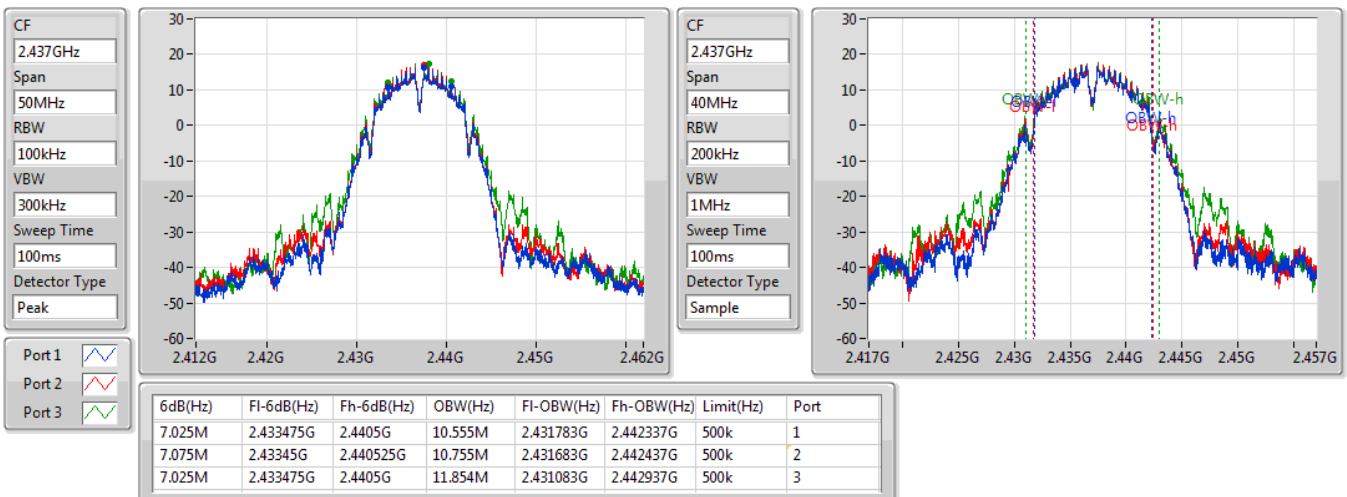
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_3TX
EBW
2412MHz

04/11/2020

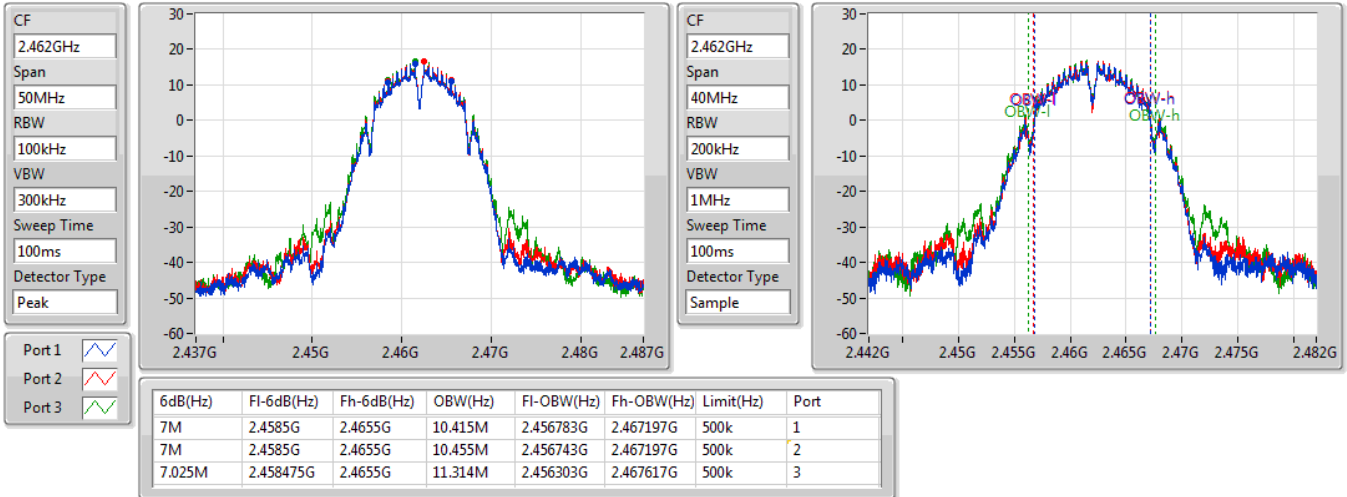

802.11b_Nss1,(1Mbps)_3TX
EBW
2437MHz

04/11/2020

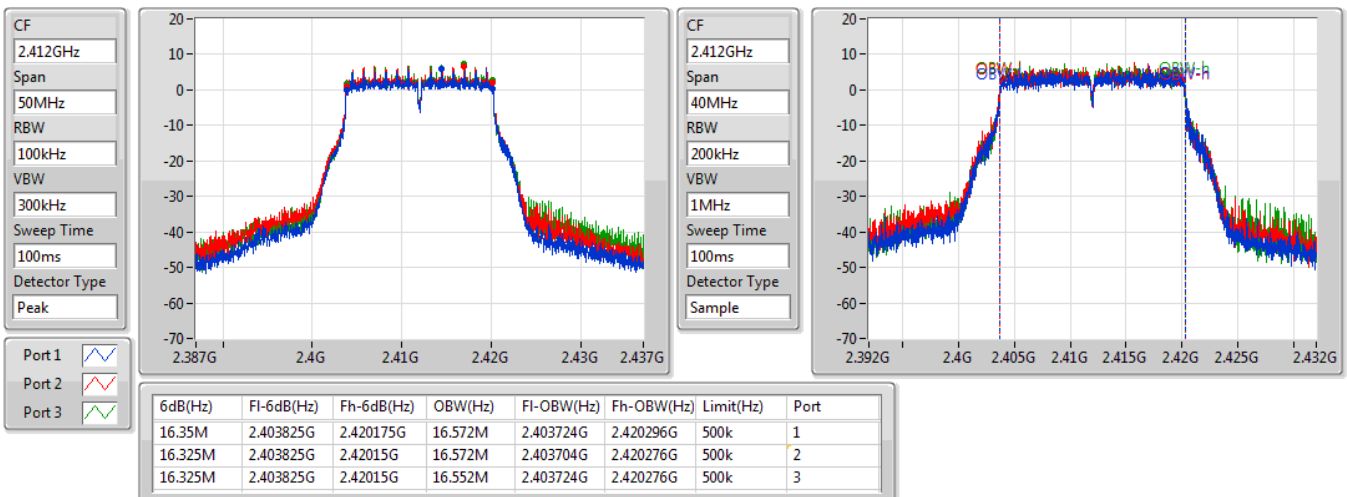


802.11b_Nss1,(1Mbps)_3TX
EBW
2462MHz

04/11/2020

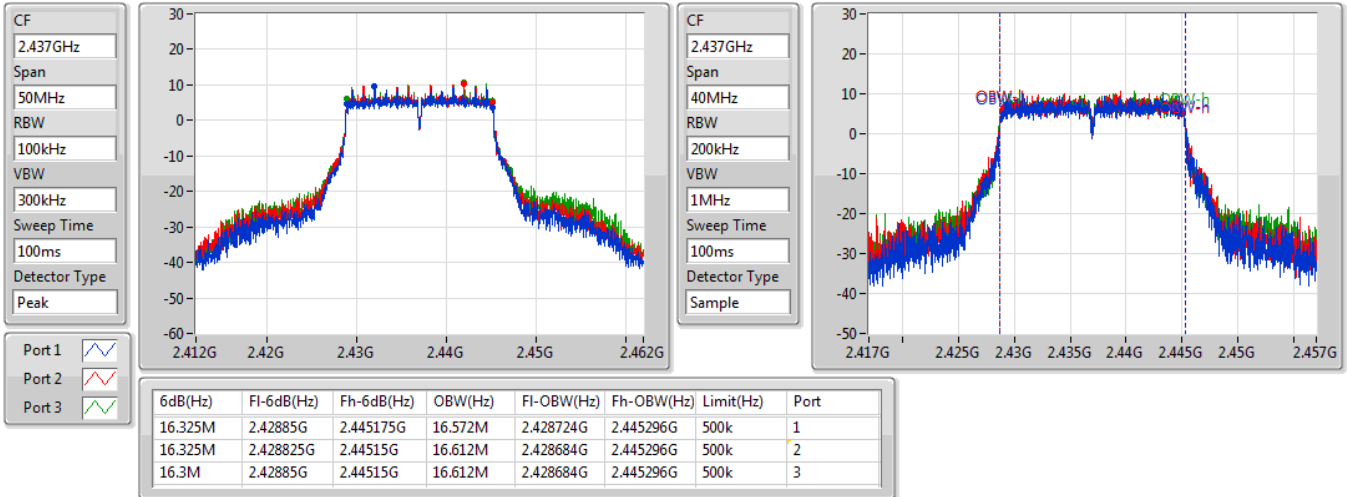

802.11g_Nss1,(6Mbps)_3TX
EBW
2412MHz

04/11/2020

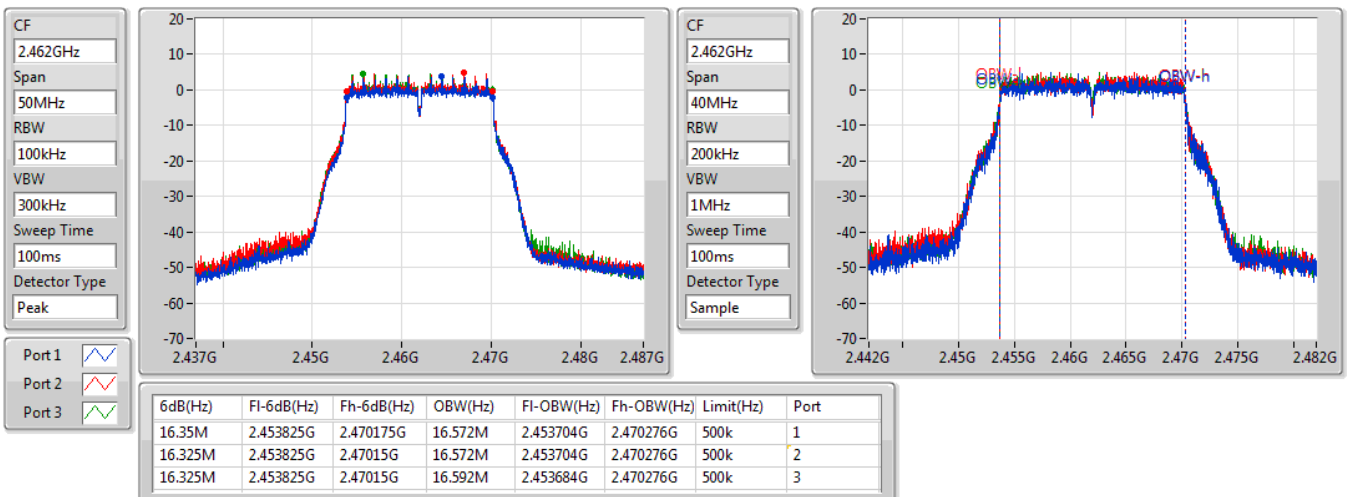


802.11g_Nss1,(6Mbps)_3TX
EBW
2437MHz

04/11/2020

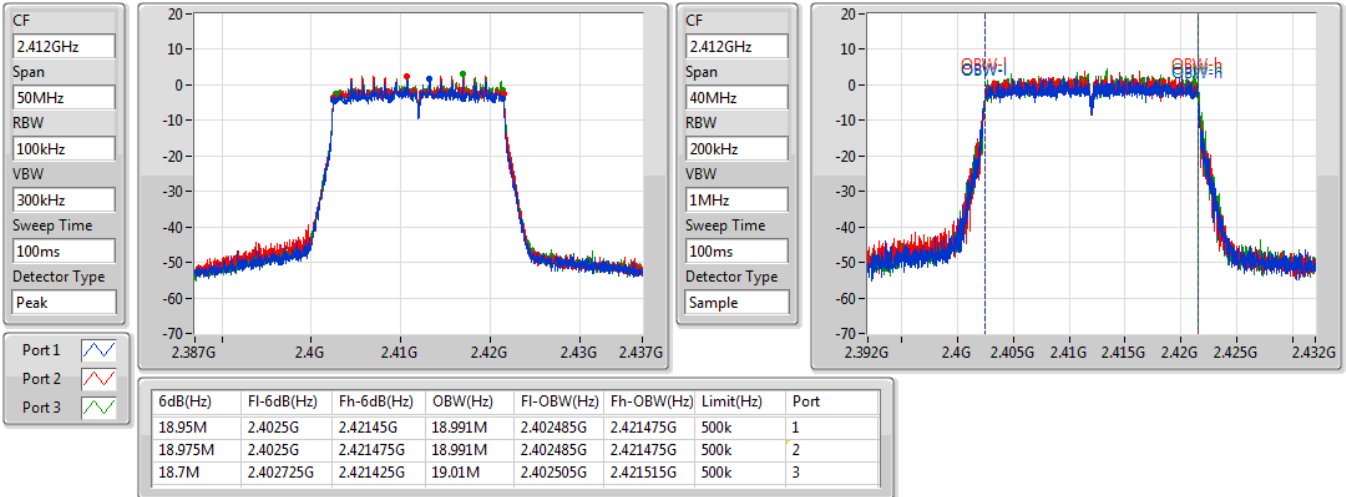

802.11g_Nss1,(6Mbps)_3TX
EBW
2462MHz

04/11/2020

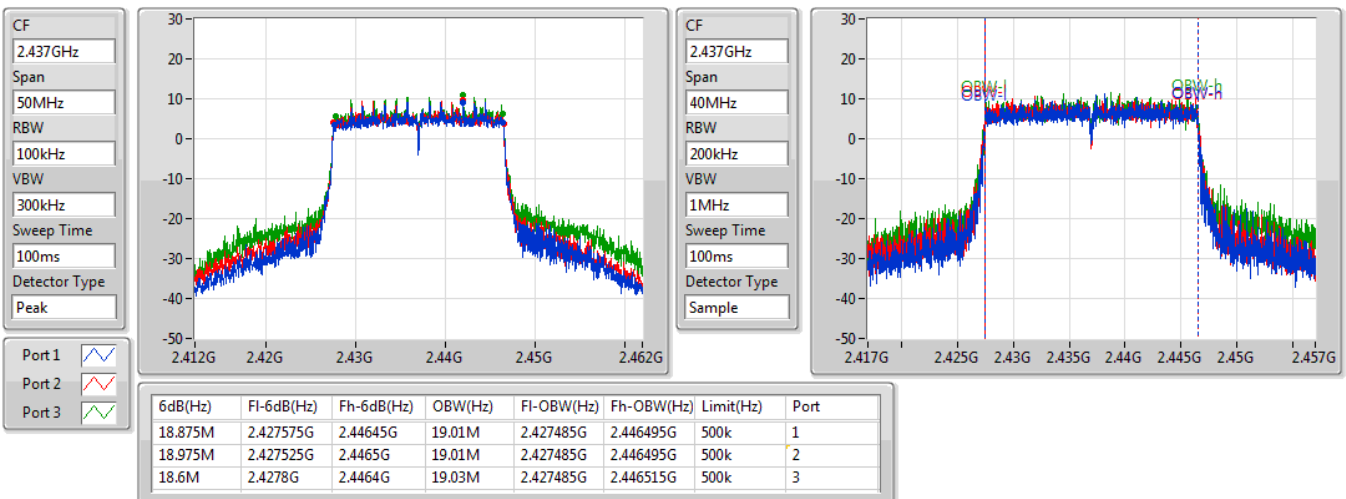


802.11ax HEW20_Nss1,(MCS0)_3TX
EBW
2412MHz

04/11/2020

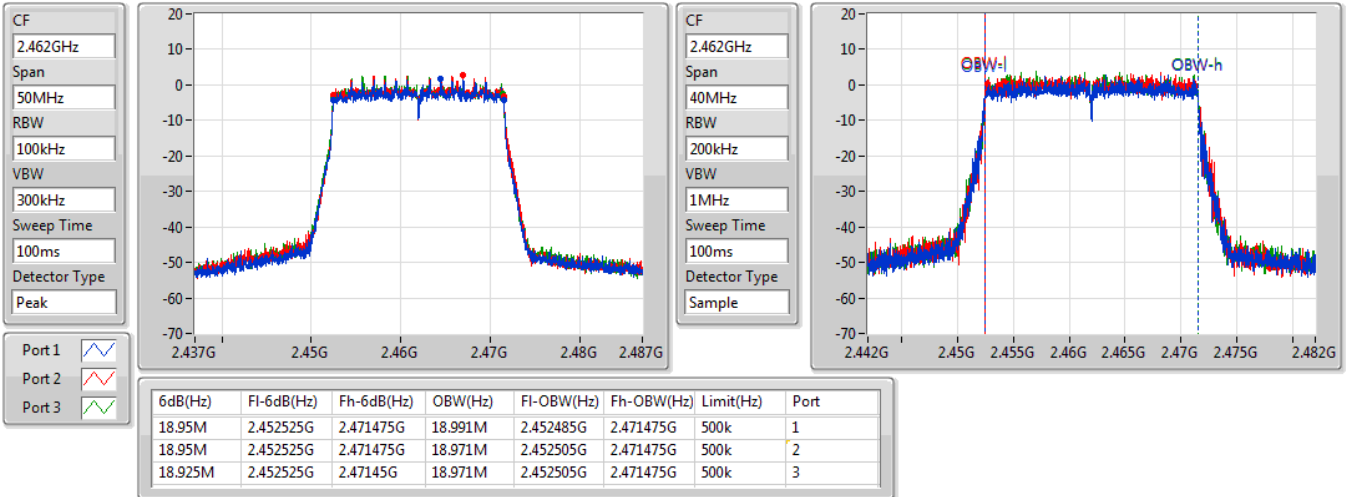

802.11ax HEW20_Nss1,(MCS0)_3TX
EBW
2437MHz

04/11/2020

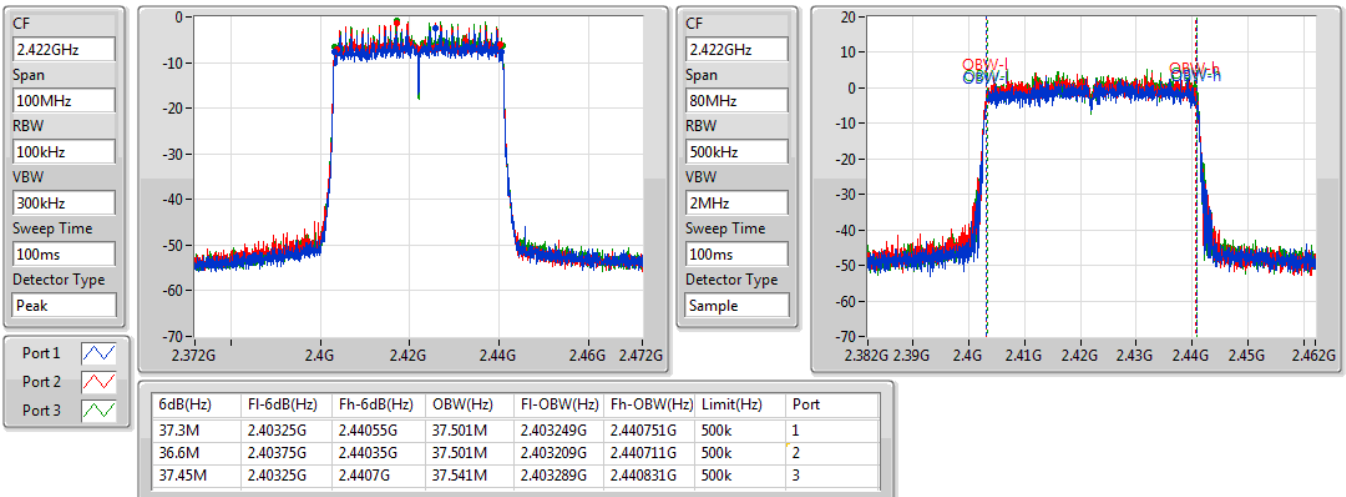


802.11ax HEW20_Nss1,(MCS0)_3TX
EBW
2462MHz

04/11/2020

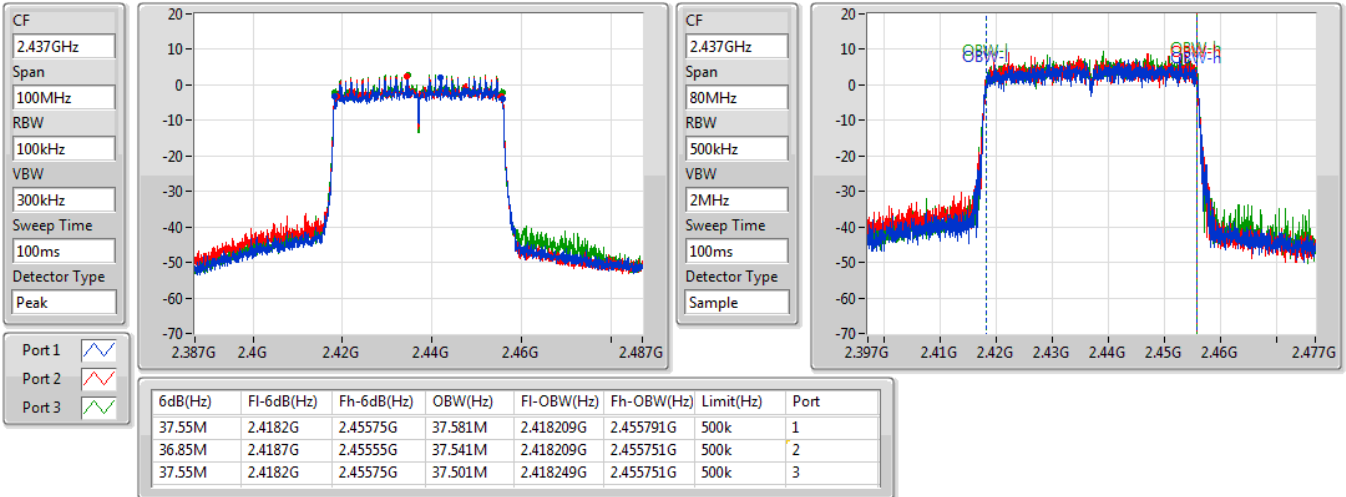

802.11ax HEW40_Nss1,(MCS0)_3TX
EBW
2422MHz

04/11/2020

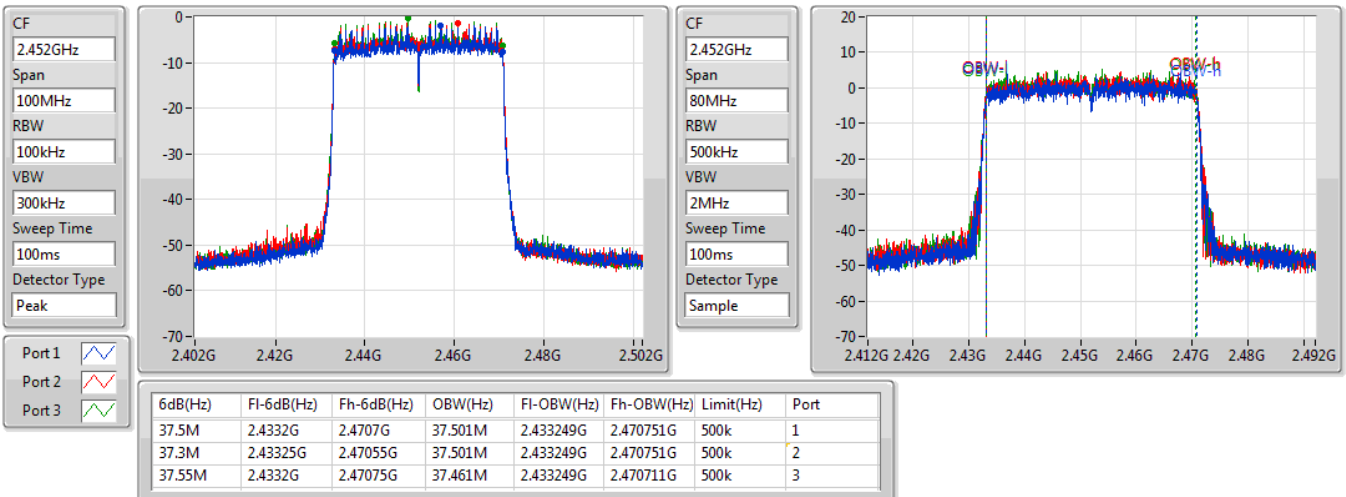


802.11ax HEW40_Nss1,(MCS0)_3TX
EBW
2437MHz

04/11/2020


802.11ax HEW40_Nss1,(MCS0)_3TX
EBW
2452MHz

04/11/2020





Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	18.2M	19.14M	19M1D1D	15.075M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	37.6M	37.781M	37M8D1D	17.7M	37.531M

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

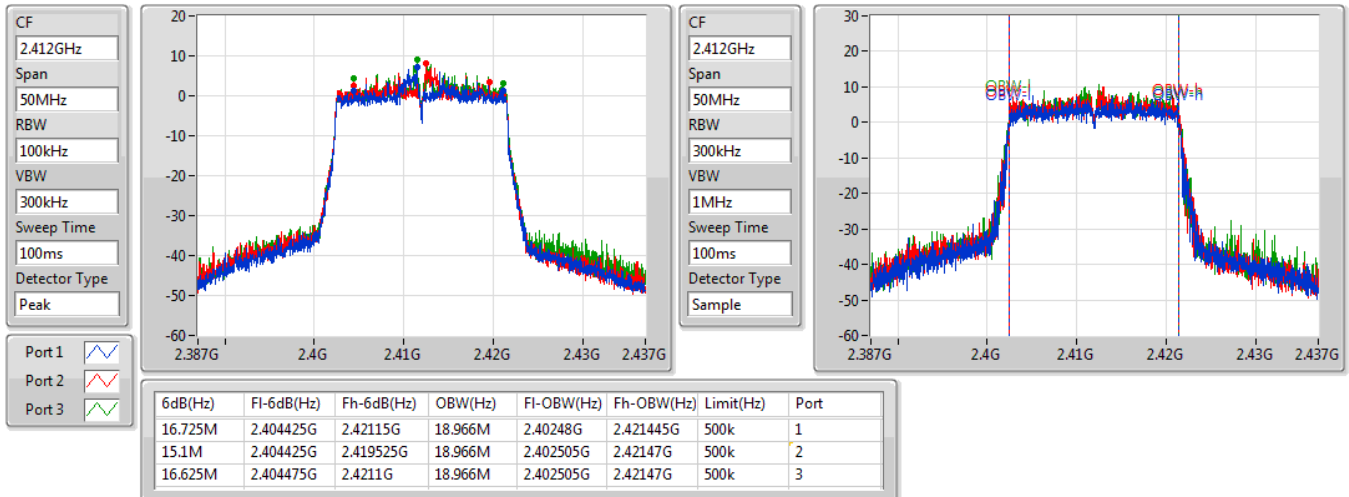
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.725M	18.966M	15.1M	18.966M	16.625M	18.966M
2437MHz	Pass	500k	17.4M	19.015M	16.675M	19.065M	15.075M	19.14M
2462MHz	Pass	500k	18.2M	18.941M	16.65M	18.991M	16.9M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	33.75M	37.731M	29.8M	37.681M	17.7M	37.531M
2437MHz	Pass	500k	30.3M	37.781M	31.25M	37.731M	31.25M	37.581M
2452MHz	Pass	500k	28.2M	37.681M	37.6M	37.631M	28.5M	37.681M

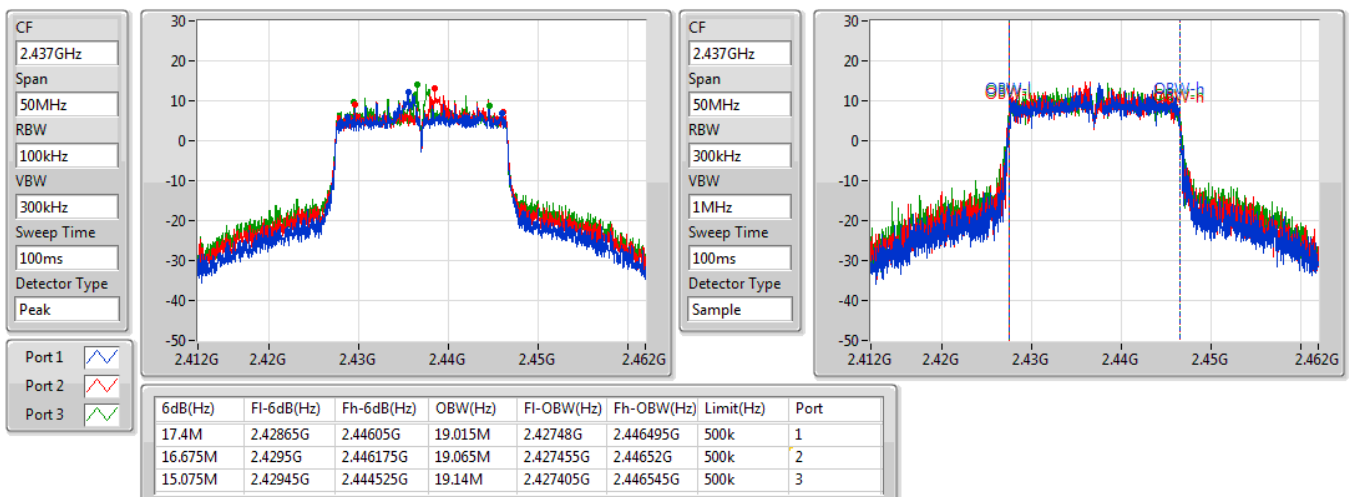
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_3TX
EBW
2412MHz

15/12/2020

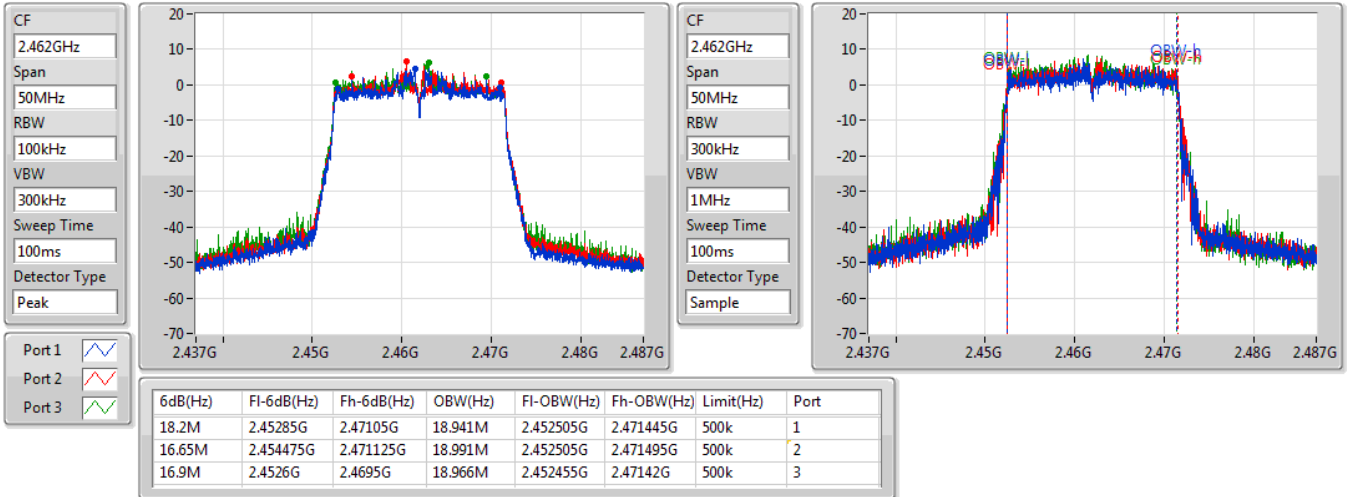

802.11ax HEW20-BF_Nss1,(MCS0)_3TX
EBW
2437MHz

15/12/2020

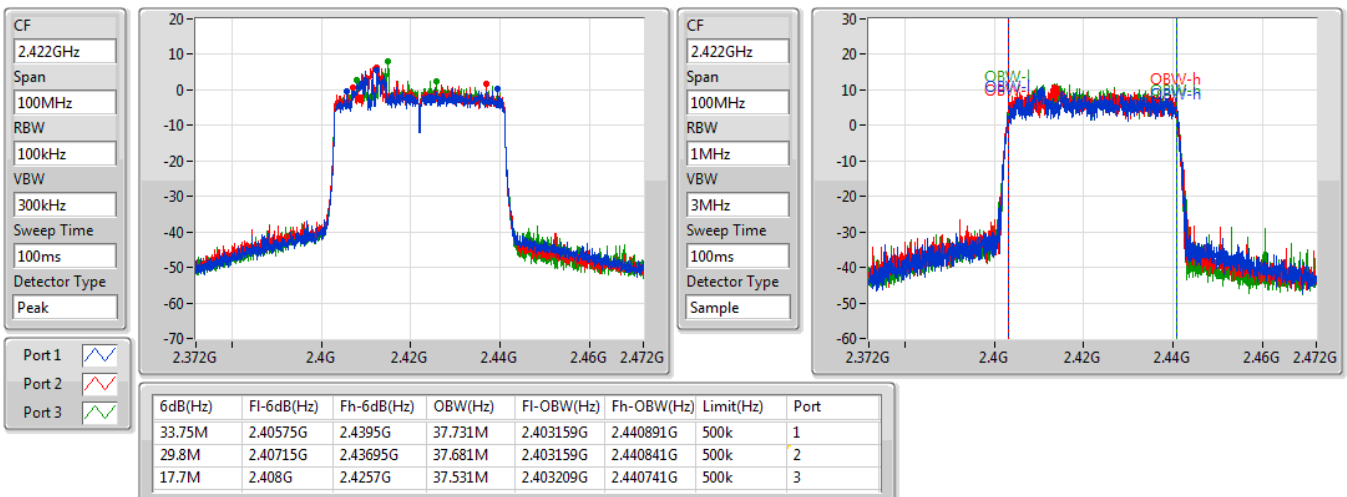


802.11ax HEW20-BF_Nss1,(MCS0)_3TX
EBW
2462MHz

15/12/2020

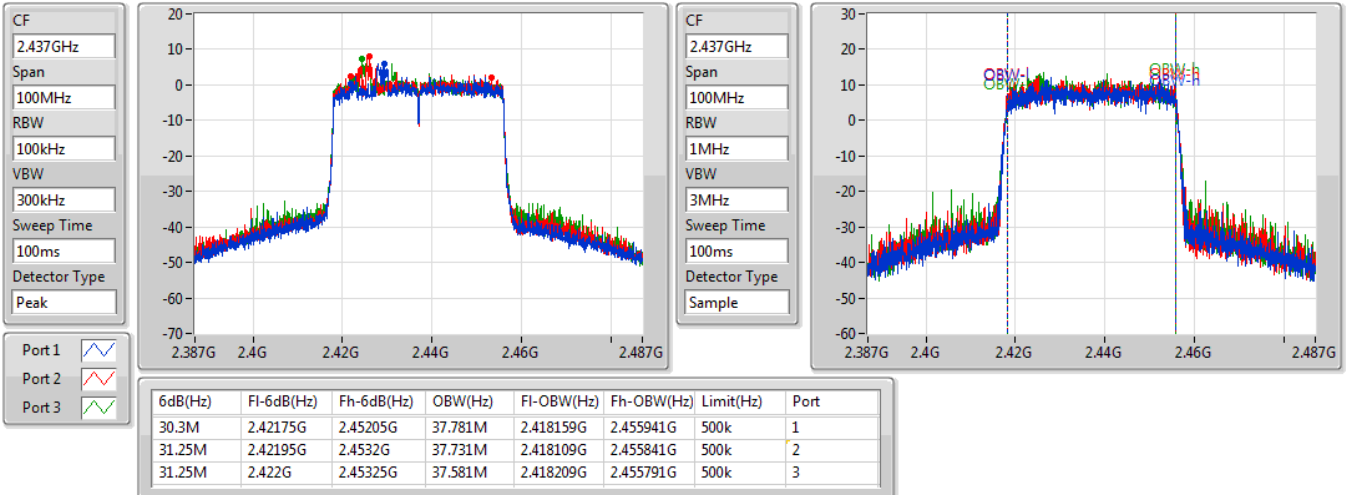

802.11ax HEW40-BF_Nss1,(MCS0)_3TX
EBW
2422MHz

15/12/2020

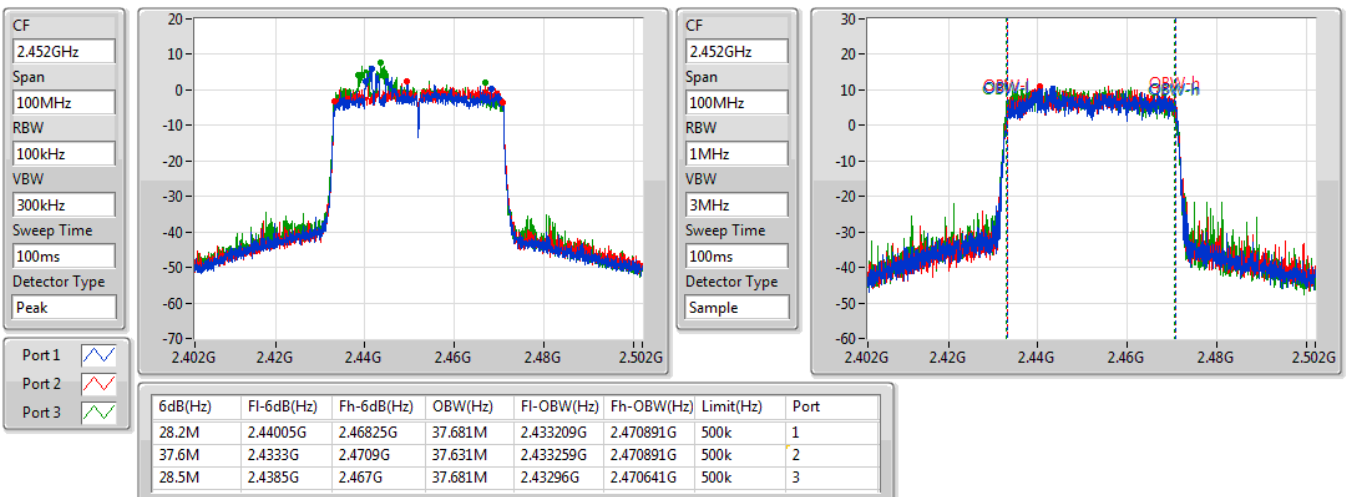


802.11ax HEW40-BF_Nss1,(MCS0)_3TX
EBW
2437MHz

15/12/2020


802.11ax HEW40-BF_Nss1,(MCS0)_3TX
EBW
2452MHz

15/12/2020





Average Power_Non Beamforming

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_3TX	28.91	0.77804
802.11g_Nss1,(6Mbps)_3TX	25.84	0.38371
802.11ax HEW20_Nss1,(MCS0)_3TX	25.64	0.36644
802.11ax HEW40_Nss1,(MCS0)_3TX	21.25	0.13335



Average Power_Non Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.033	21.87	22.32	22.75	27.10	30.00
2417MHz_TnomVnom	Pass	4.033	23.58	24.10	24.40	28.81	30.00
2437MHz_TnomVnom	Pass	4.033	23.67	24.27	24.44	28.91	30.00
2457MHz_TnomVnom	Pass	4.033	23.69	23.98	24.28	28.76	30.00
2462MHz_TnomVnom	Pass	4.033	23.37	23.53	24.04	28.43	30.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.033	17.15	17.77	18.15	22.48	30.00
2417MHz_TnomVnom	Pass	4.033	18.15	18.86	19.44	23.62	30.00
2437MHz_TnomVnom	Pass	4.033	20.68	21.21	21.30	25.84	30.00
2457MHz_TnomVnom	Pass	4.033	18.87	19.48	19.49	24.06	30.00
2462MHz_TnomVnom	Pass	4.033	14.94	15.88	16.03	20.41	30.00
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.033	12.71	13.77	14.07	18.33	30.00
2417MHz_TnomVnom	Pass	4.033	17.34	18.12	18.48	22.78	30.00
2437MHz_TnomVnom	Pass	4.033	20.41	20.93	21.23	25.64	30.00
2457MHz_TnomVnom	Pass	4.033	17.16	17.84	17.98	22.45	30.00
2462MHz_TnomVnom	Pass	4.033	13.05	13.93	14.24	18.54	30.00
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.033	11.42	12.48	12.88	17.07	30.00
2427MHz_TnomVnom	Pass	4.033	12.91	13.67	14.24	18.41	30.00
2437MHz_TnomVnom	Pass	4.033	15.81	16.58	16.98	21.25	30.00
2447MHz_TnomVnom	Pass	4.033	12.17	13.32	13.48	17.80	30.00
2452MHz_TnomVnom	Pass	4.033	12.25	13.11	13.46	17.74	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	26.27	0.42364
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	22.28	0.16904

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.804	15.75	16.15	17.97	21.51	27.20
2417MHz	Pass	8.804	18.17	19.00	19.61	23.74	27.20
2437MHz	Pass	8.804	20.81	21.89	21.72	26.27	27.20
2457MHz	Pass	8.804	18.21	18.55	19.47	23.55	27.20
2462MHz	Pass	8.804	13.89	15.24	14.96	19.51	27.20
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	8.804	15.44	16.43	16.62	20.96	27.20
2427MHz	Pass	8.804	17.05	17.79	17.65	22.28	27.20
2437MHz	Pass	8.804	16.43	17.23	17.72	21.93	27.20
2447MHz	Pass	8.804	15.35	16.29	16.66	20.91	27.20
2452MHz	Pass	8.804	15.47	16.91	16.29	21.03	27.20

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_3TX	5.01
802.11g_Nss1,(6Mbps)_3TX	1.03
802.11ax HEW20_Nss1,(MCS0)_3TX	1.17
802.11ax HEW40_Nss1,(MCS0)_3TX	-7.01

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.804	0.56	-0.15	0.11	3.69	5.20
2437MHz_TnomVnom	Pass	8.804	1.17	2.08	2.36	5.01	5.20
2462MHz_TnomVnom	Pass	8.804	1.53	2.33	2.73	4.97	5.20
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.804	-8.23	-7.95	-5.87	-3.12	5.20
2437MHz_TnomVnom	Pass	8.804	-4.51	-3.97	-2.89	1.03	5.20
2462MHz_TnomVnom	Pass	8.804	-10.72	-8.61	-8.18	-4.27	5.20
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.804	-11.82	-10.56	-12.18	-6.69	5.20
2437MHz_TnomVnom	Pass	8.804	-5.21	-3.17	-2.78	1.17	5.20
2462MHz_TnomVnom	Pass	8.804	-13.40	-10.40	-10.23	-6.75	5.20
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.804	-17.45	-15.68	-16.28	-11.64	5.20
2437MHz_TnomVnom	Pass	8.804	-12.54	-11.60	-11.30	-7.01	5.20
2452MHz_TnomVnom	Pass	8.804	-16.05	-15.62	-15.60	-10.98	5.20

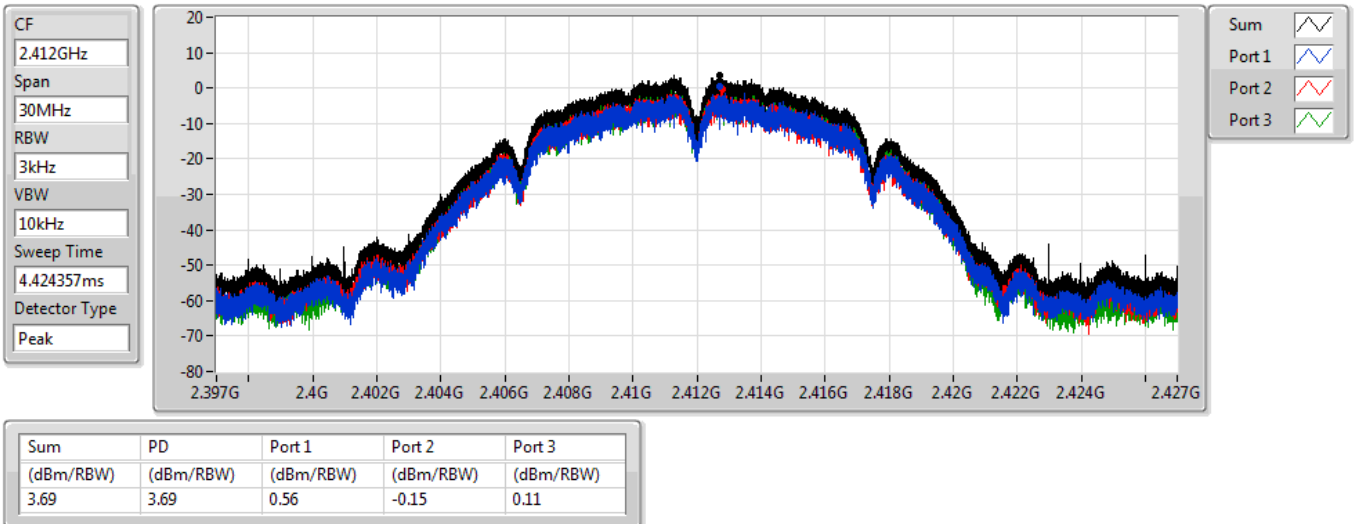
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_3TX

PSD

2412MHz

04/11/2020

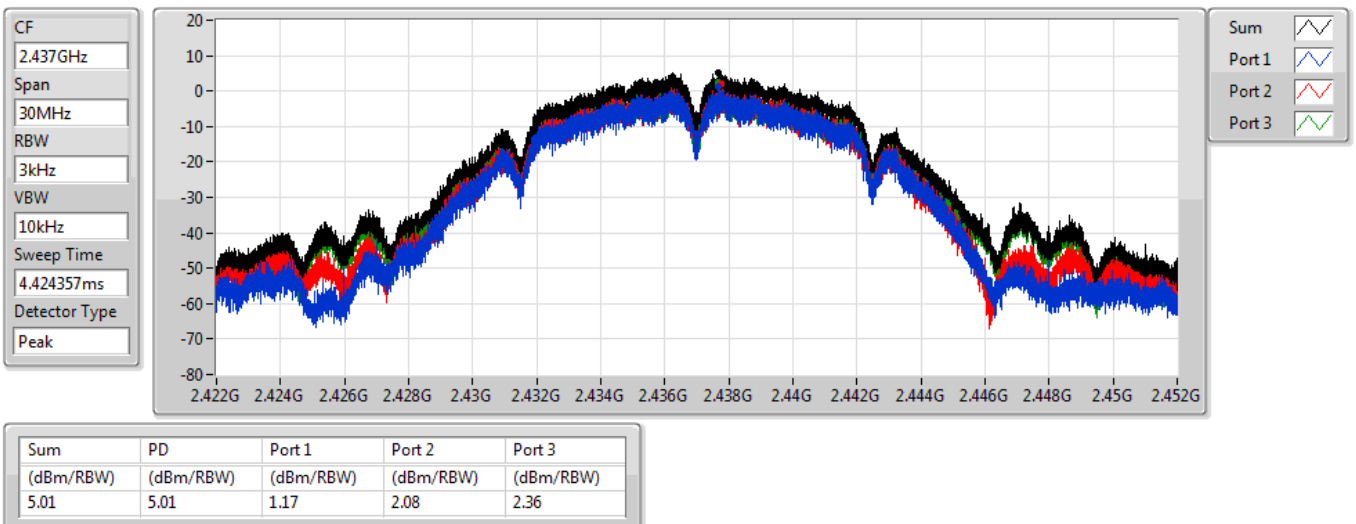


802.11b_Nss1,(1Mbps)_3TX

PSD

2437MHz

04/11/2020

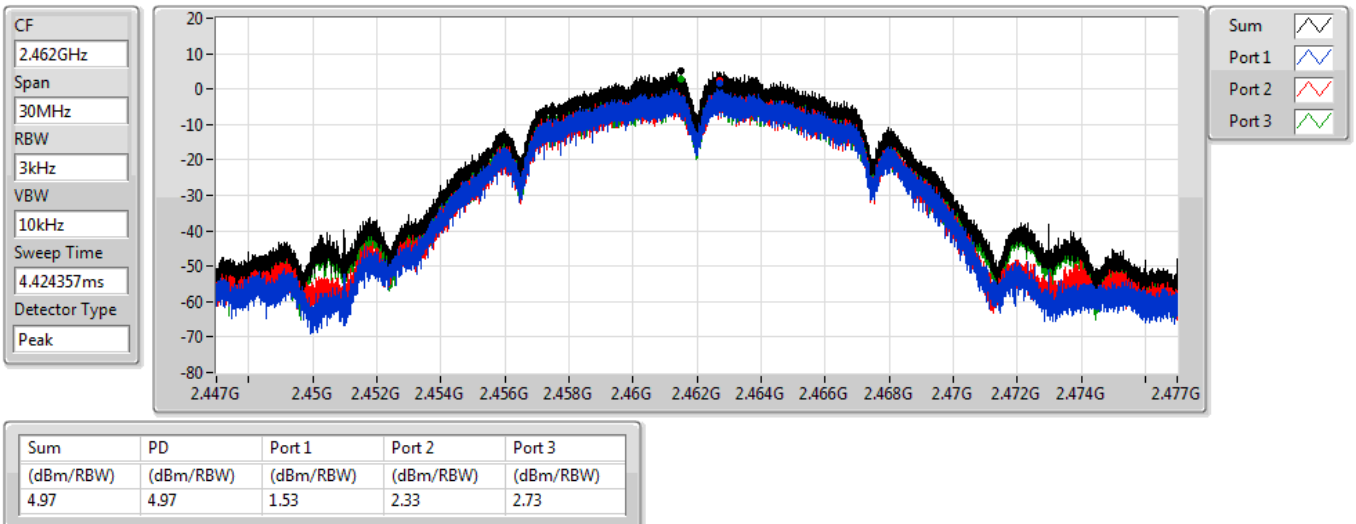


802.11b_Nss1,(1Mbps)_3TX

2462MHz

PSD

04/11/2020

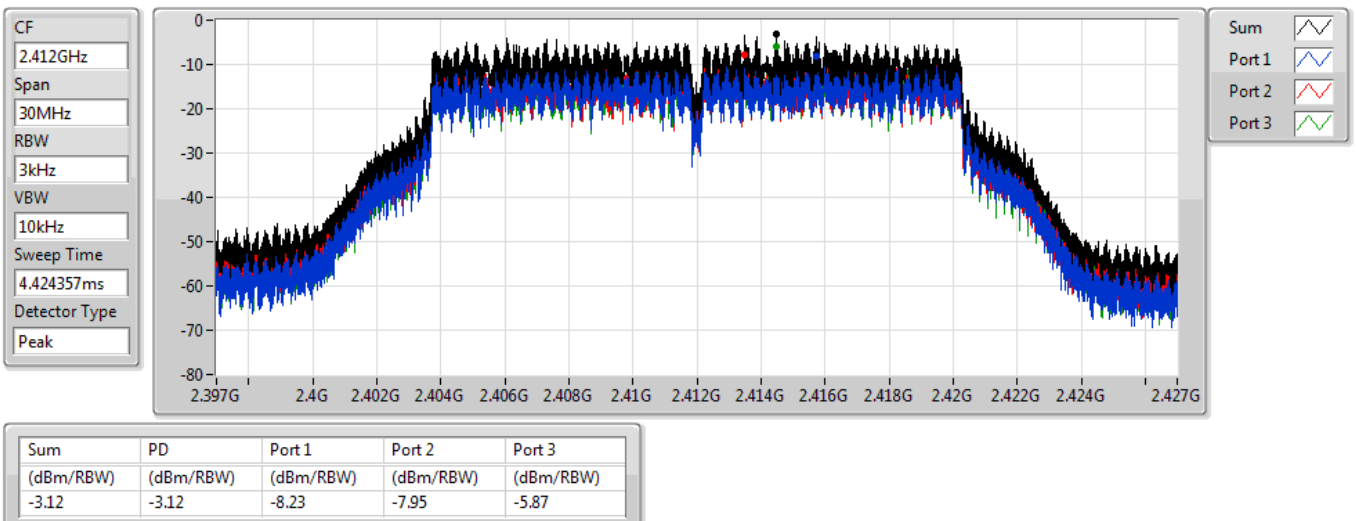


802.11g_Nss1,(6Mbps)_3TX

2412MHz

PSD

04/11/2020

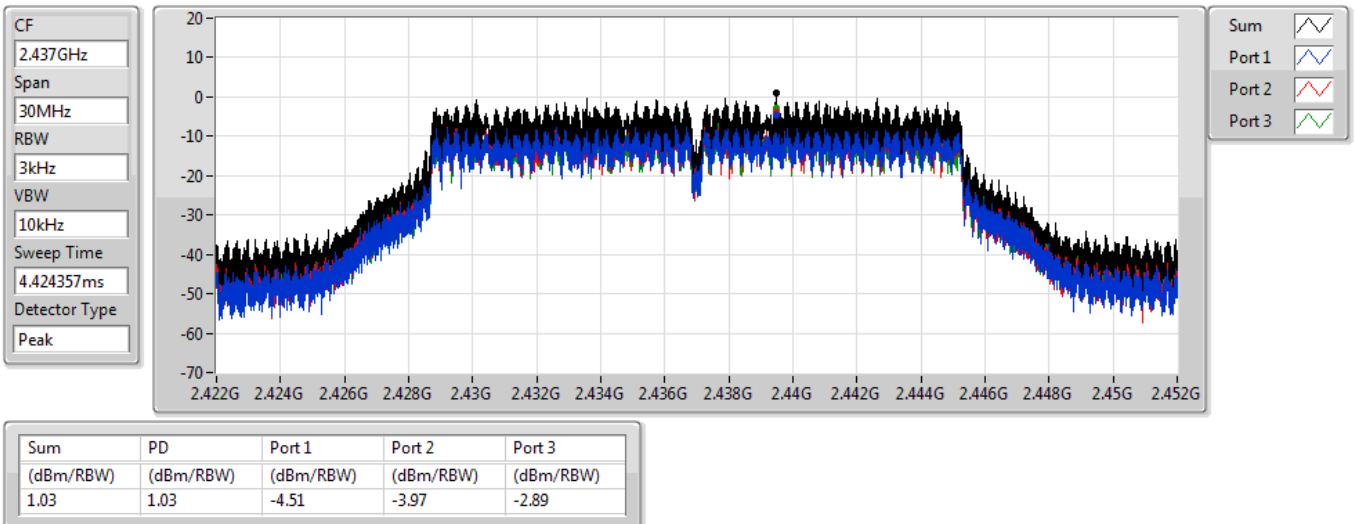


802.11g_Nss1,(6Mbps)_3TX

2437MHz

PSD

04/11/2020

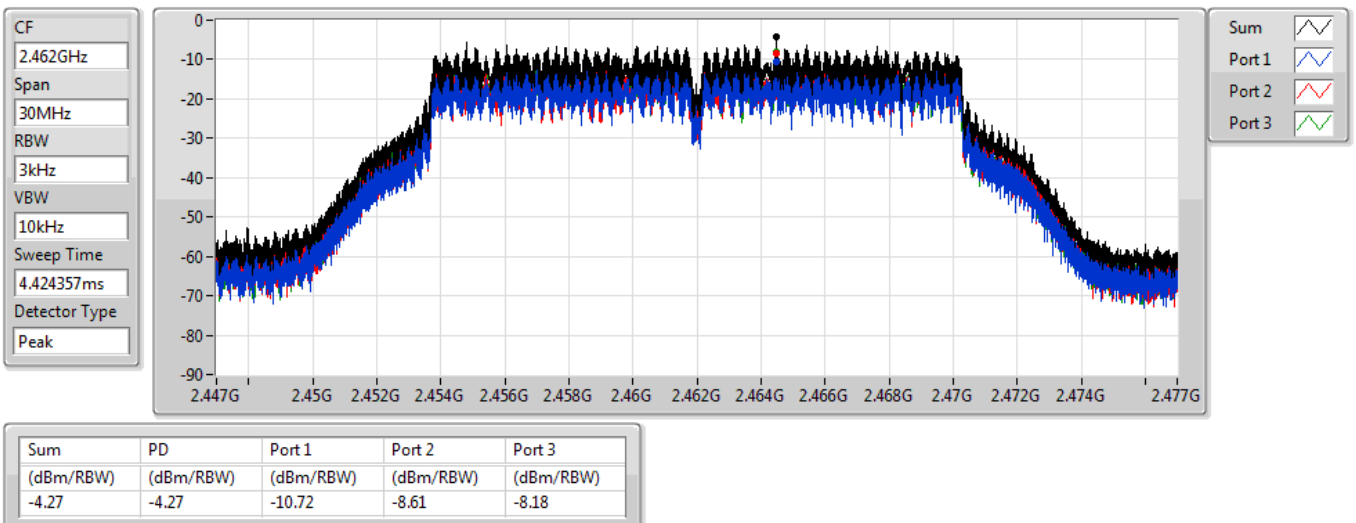


802.11g_Nss1,(6Mbps)_3TX

2462MHz

PSD

04/11/2020

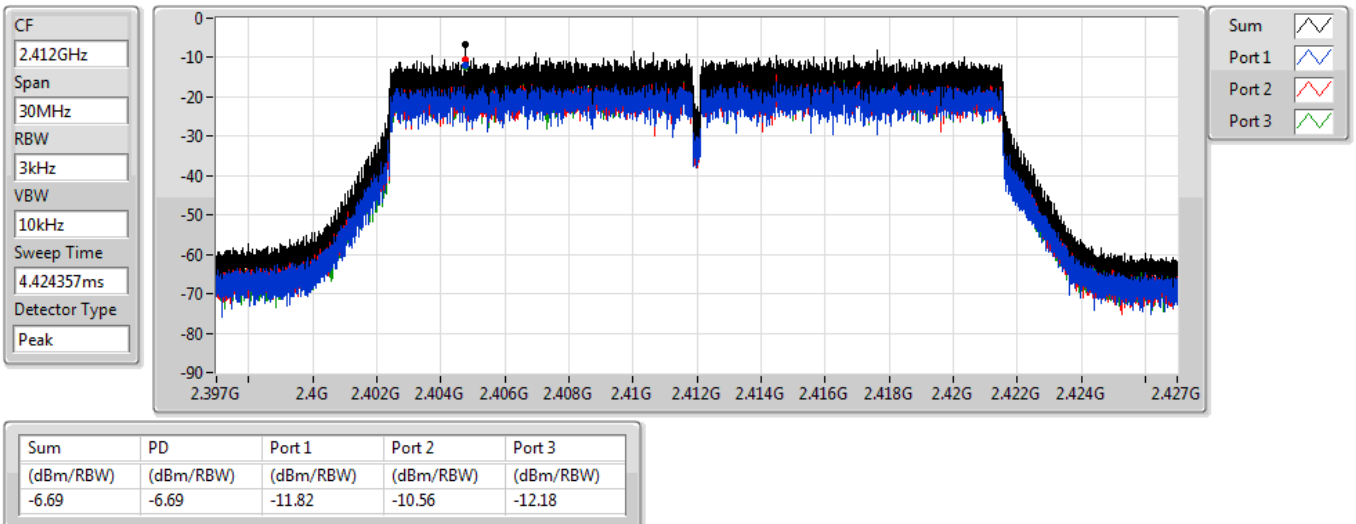


802.11ax HEW20_Nss1,(MCS0)_3TX

PSD

2412MHz

04/11/2020

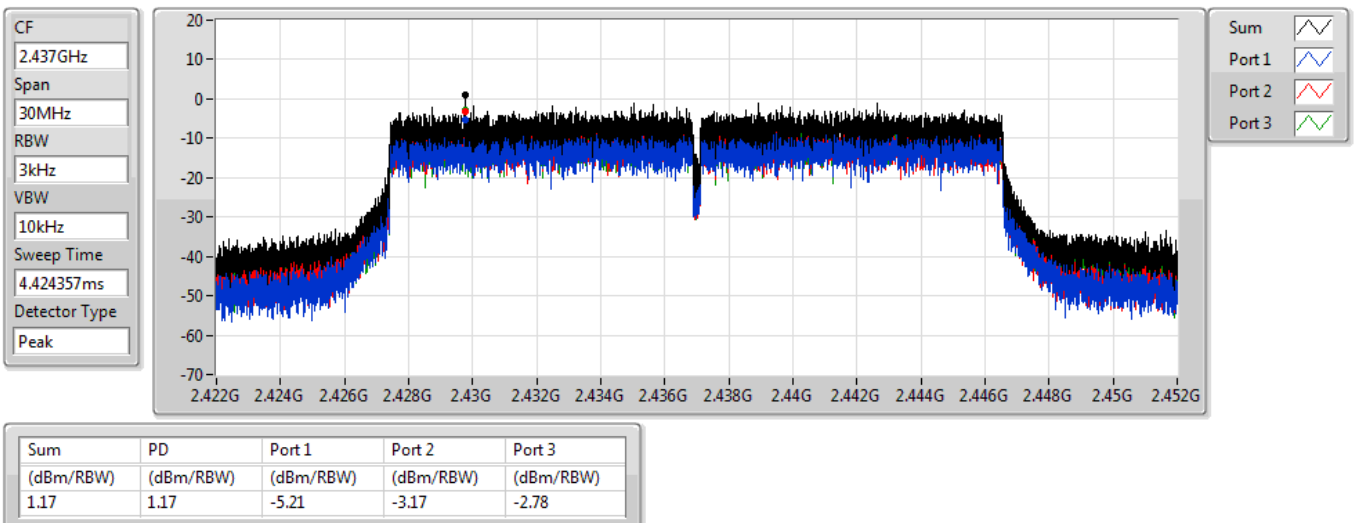


802.11ax HEW20_Nss1,(MCS0)_3TX

PSD

2437MHz

04/11/2020

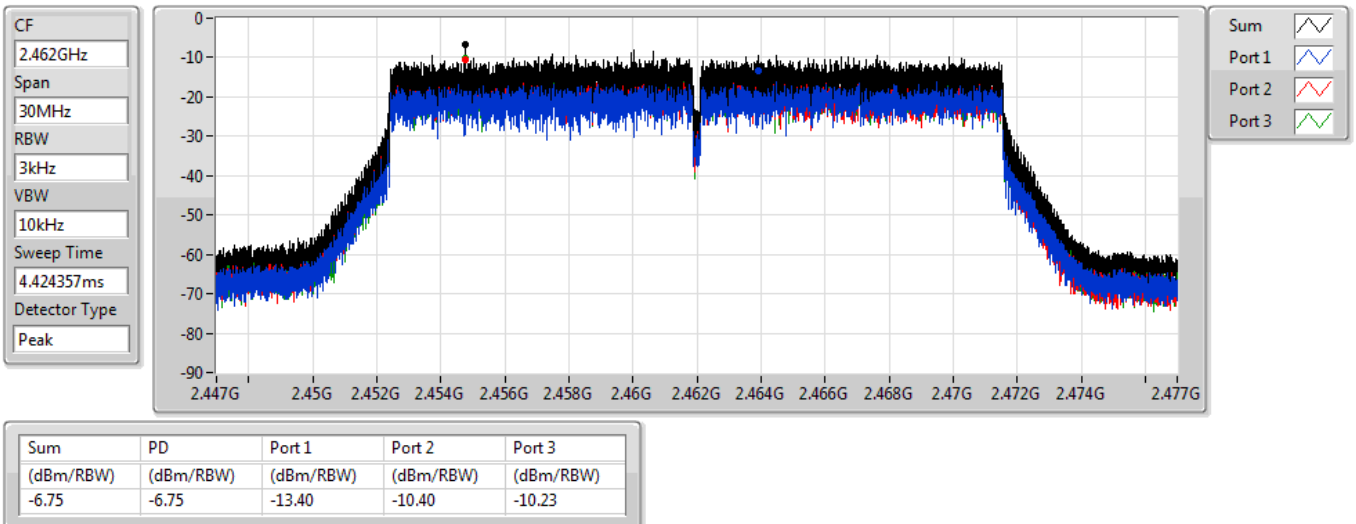


802.11ax HEW20_Nss1,(MCS0)_3TX

PSD

2462MHz

04/11/2020

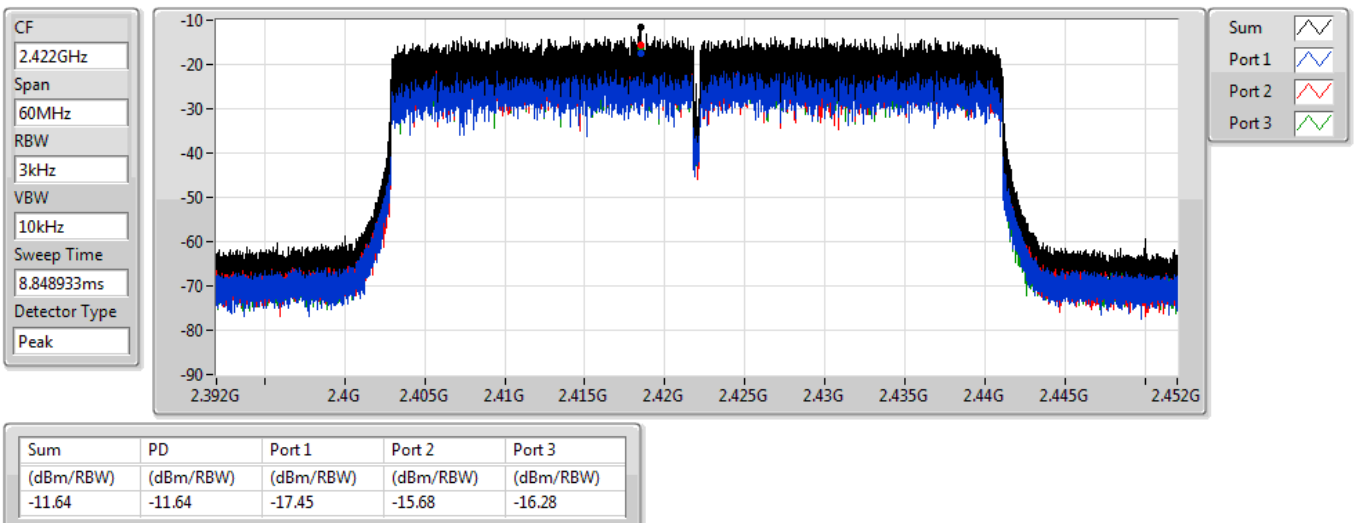


802.11ax HEW40_Nss1,(MCS0)_3TX

PSD

2422MHz

04/11/2020

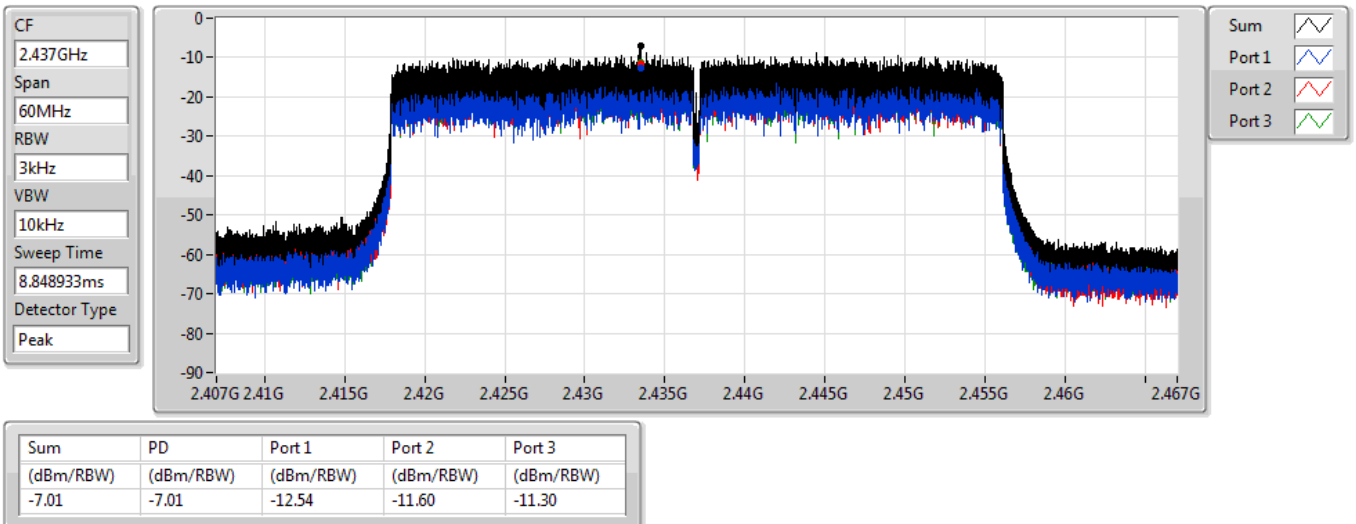


802.11ax HEW40_Nss1,(MCS0)_3TX

2437MHz

PSD

04/11/2020

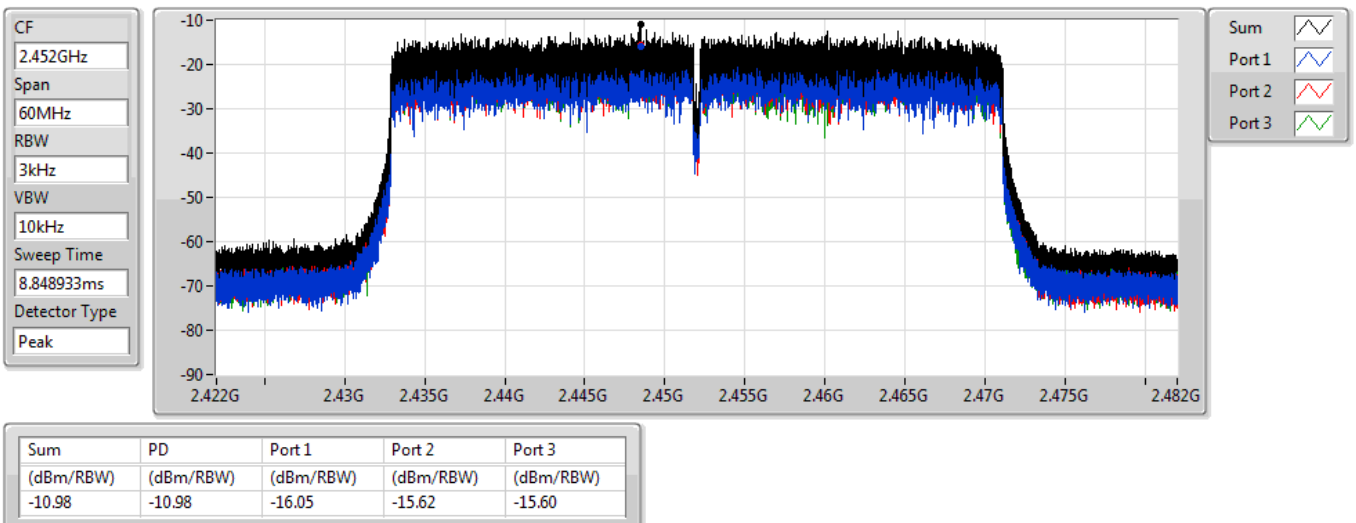


802.11ax HEW40_Nss1,(MCS0)_3TX

2452MHz

PSD

04/11/2020





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-0.24
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-5.94

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	8.804	-10.44	-9.33	-9.38	-5.86	5.20
2437MHz	Pass	8.804	-4.01	-2.08	-5.19	-0.24	5.20
2462MHz	Pass	8.804	-10.15	-12.18	-7.34	-6.70	5.20
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	8.804	-8.69	-8.97	-10.84	-7.47	5.20
2437MHz	Pass	8.804	-10.20	-9.34	-7.33	-5.94	5.20
2452MHz	Pass	8.804	-8.96	-6.99	-11.70	-6.33	5.20

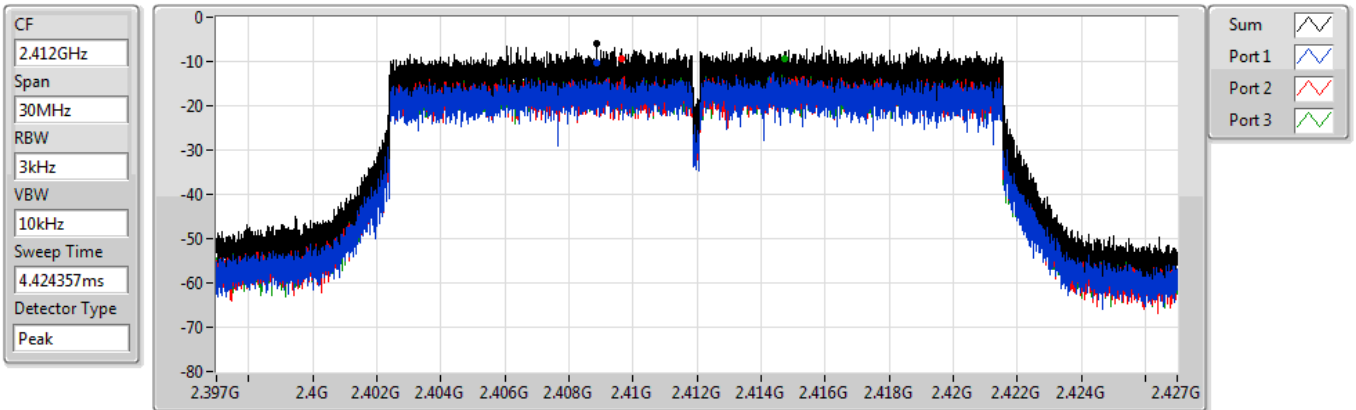
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2412MHz

15/12/2020



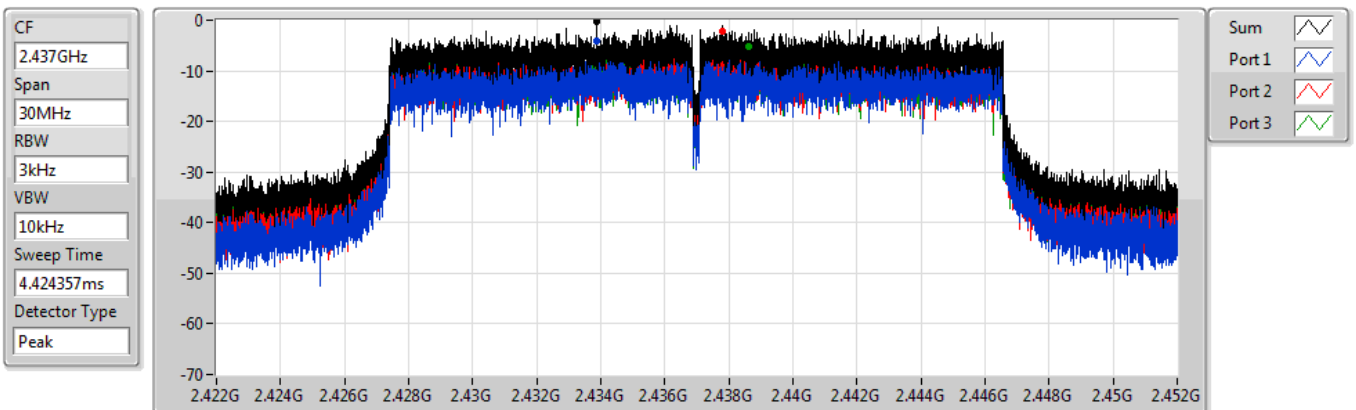
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-10.44	-9.33	-9.38

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

15/12/2020



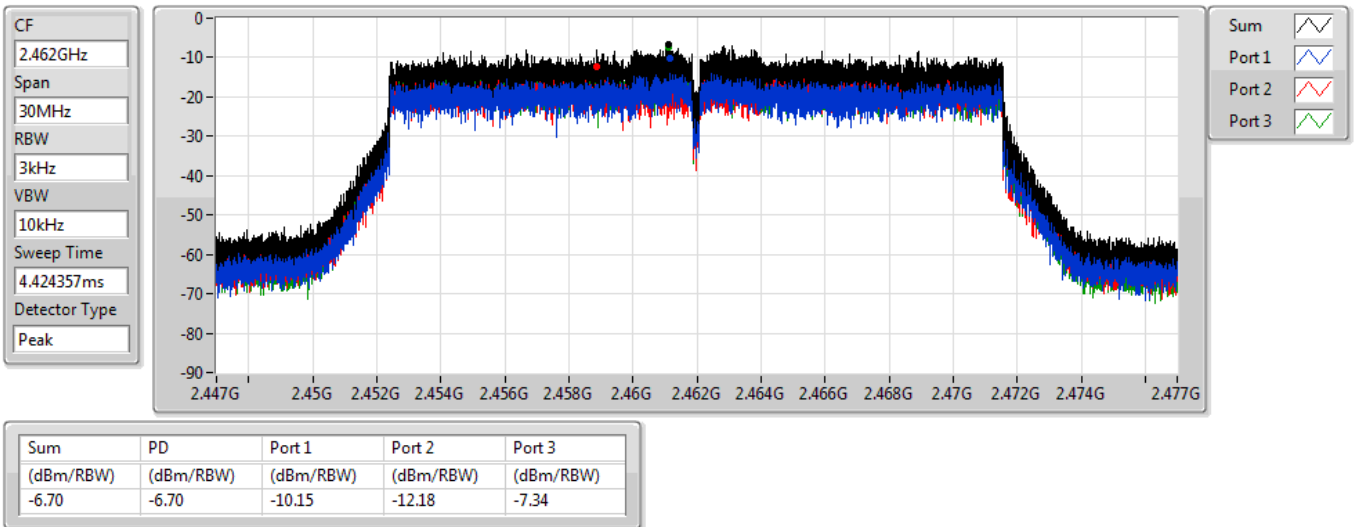
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.24	-0.24	-4.01	-2.08	-5.19

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

PSD

2462MHz

15/12/2020

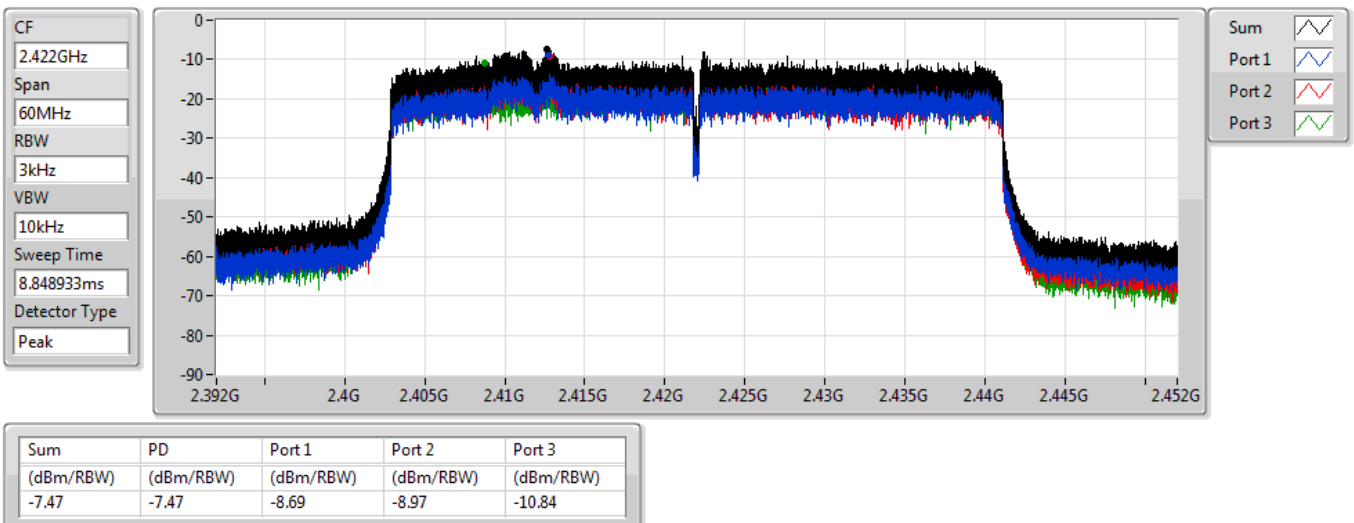


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2422MHz

15/12/2020

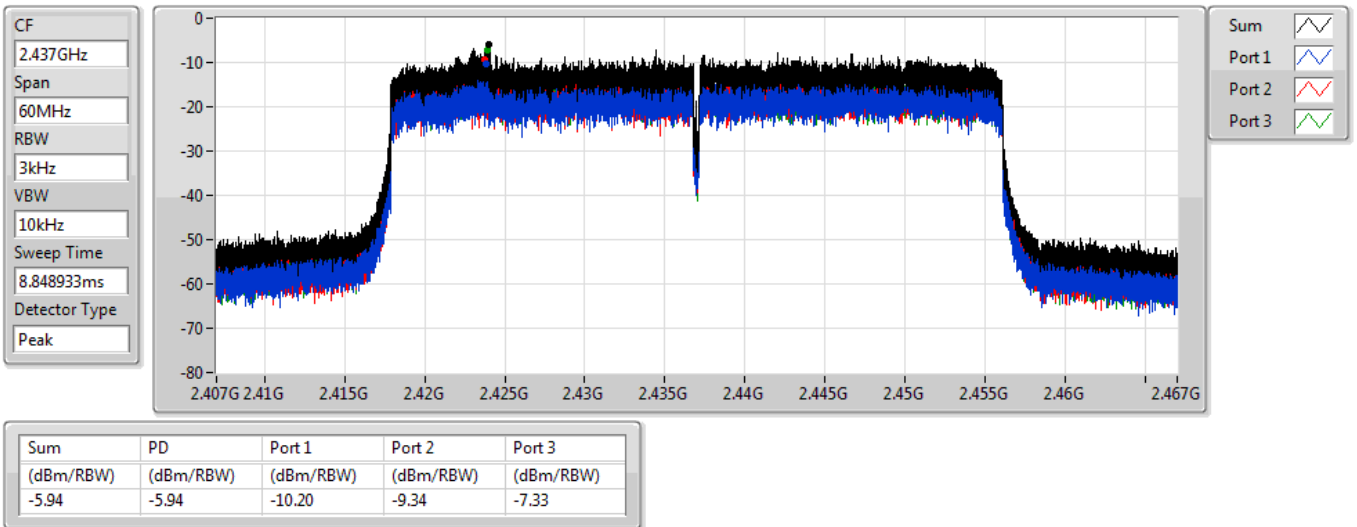


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2437MHz

15/12/2020

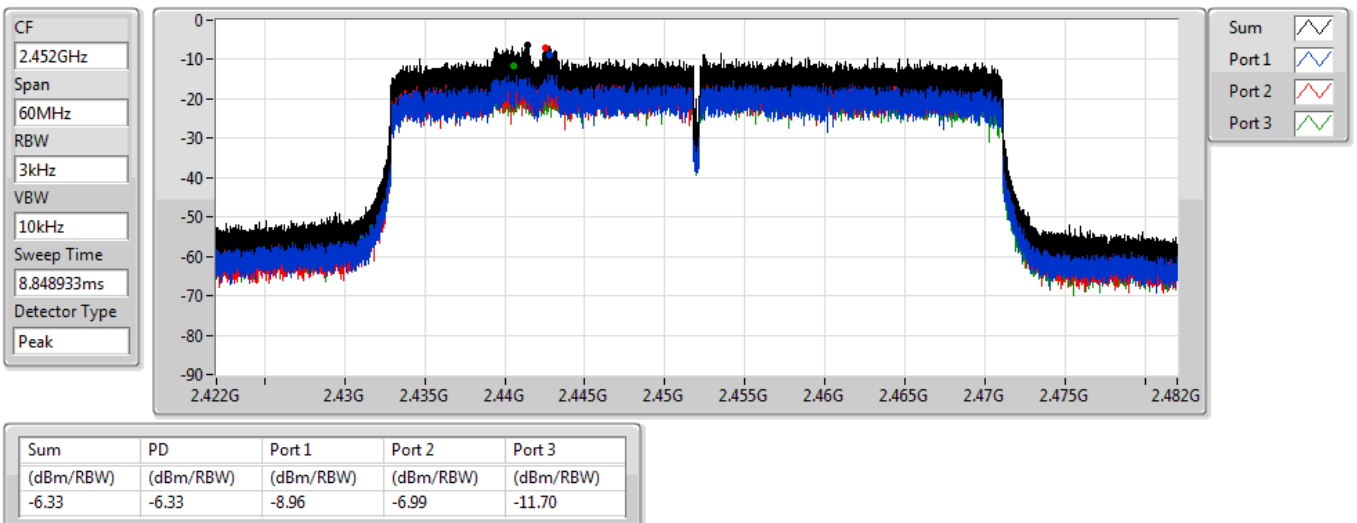


802.11ax HEW40-BF_Nss1,(MCS0)_3TX

PSD

2452MHz

15/12/2020





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)_3TX	Pass	2.43749G	17.29	-12.71	2.30903G	-52.32	2.4G	-36.06	2.4G	-36.66	2.51248G	-46.15	23.21593G	-38.71	1
802.11g_Nss1,(6Mbps)_3TX	Pass	2.4395G	10.36	-19.64	2.18612G	-53.07	2.3992G	-31.53	2.4G	-34.28	2.50598G	-50.13	24.79209G	-38.45	3
802.11ax HEW20_Nss1,(MCS0)_3TX	Pass	2.442G	11.10	-18.90	2.14564G	-53.63	2.39968G	-39.76	2.4G	-44.07	2.50808G	-50.76	23.26088G	-39.81	2
802.11ax HEW40_Nss1,(MCS0)_3TX	Pass	2.43198G	3.38	-26.62	2.15598G	-53.48	2.39948G	-40.60	2.4G	-43.48	2.49026G	-48.61	23.53041G	-39.40	2

**Result**

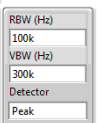
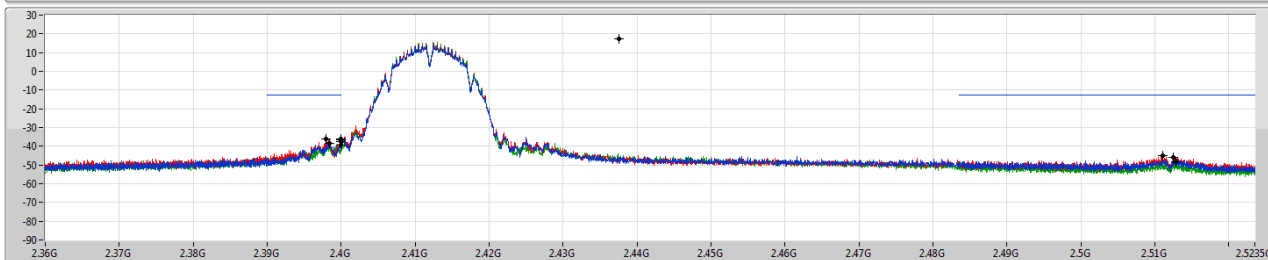
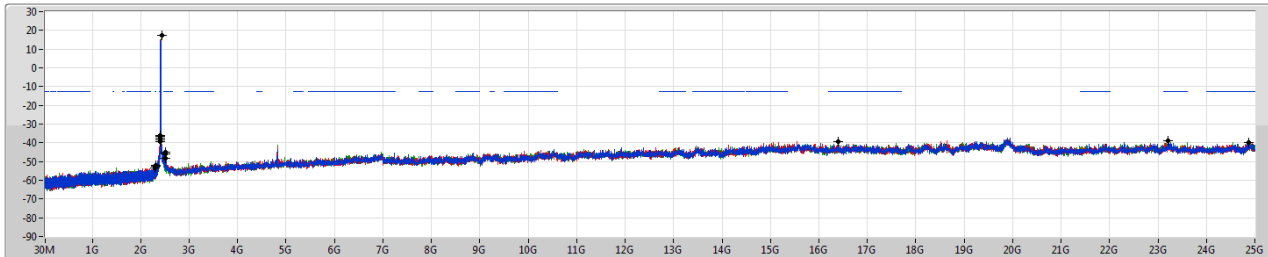
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.30903G	-52.32	2.4G	-36.06	2.4G	-36.66	2.51248G	-46.15	23.21593G	-38.71	1
2412MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.3G	-53.49	2.39798G	-36.15	2.4G	-37.58	2.51102G	-44.92	24.882G	-39.80	2
2412MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.30991G	-52.00	2.39838G	-38.52	2.4G	-39.19	2.51278G	-48.11	16.39993G	-39.51	3
2437MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.11943G	-53.64	2.39612G	-46.28	2.4835G	-47.49	2.48402G	-45.17	15.10753G	-39.83	1
2437MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.11943G	-53.18	2.39512G	-46.25	2.4G	-46.40	2.48698G	-44.86	24.51676G	-39.64	2
2437MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.10807G	-53.29	2.4G	-46.76	2.4G	-47.68	2.48728G	-47.09	16.79327G	-39.83	3
2462MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.14884G	-54.13	2.39364G	-48.23	2.4835G	-43.40	2.48364G	-43.69	23.24121G	-39.25	1
2462MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.11535G	-52.34	2.3991G	-47.69	2.4835G	-42.95	2.484G	-42.36	24.85952G	-39.71	2
2462MHz_TnomVnom	Pass	2.43749G	17.29	-12.71	2.15059G	-53.30	2.39996G	-47.83	2.4835G	-45.87	2.48602G	-43.42	15.1862G	-39.70	3
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	1.97322G	-53.34	2.39984G	-35.66	2.4G	-35.52	2.50864G	-49.52	16.54884G	-40.24	1
2412MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.14389G	-53.59	2.39986G	-31.64	2.4G	-33.31	2.51506G	-48.36	24.63757G	-39.43	2
2412MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.18612G	-53.07	2.3992G	-31.53	2.4G	-34.28	2.50598G	-50.13	24.79209G	-38.45	3
2437MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.30204G	-52.62	2.3996G	-44.05	2.4835G	-47.31	2.49068G	-45.95	24.95786G	-40.16	1
2437MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.12584G	-52.36	2.39796G	-41.04	2.4G	-42.66	2.48374G	-45.41	15.04572G	-39.74	2
2437MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.11943G	-53.15	2.39796G	-40.81	2.4G	-45.86	2.48636G	-46.37	16.86632G	-39.83	3
2462MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.14506G	-53.68	2.39228G	-51.69	2.4835G	-51.09	2.48424G	-47.62	23.38169G	-40.04	1
2462MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.16748G	-52.82	2.39978G	-50.36	2.4835G	-48.63	2.4848G	-46.79	15.05134G	-39.69	2
2462MHz_TnomVnom	Pass	2.4395G	10.36	-19.64	2.13108G	-52.54	2.39658G	-51.05	2.4835G	-50.47	2.4835G	-46.78	24.89605G	-39.85	3
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.08535G	-54.24	2.39986G	-42.67	2.4G	-42.98	2.49982G	-50.93	16.78484G	-39.63	1
2412MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.14564G	-53.63	2.39988G	-39.76	2.4G	-44.07	2.50808G	-50.76	23.26088G	-39.81	2
2412MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.00934G	-53.54	2.3997G	-41.84	2.4G	-42.44	2.50862G	-50.93	24.80052G	-39.59	3
2437MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.30321G	-52.65	2.39978G	-45.12	2.4G	-47.10	2.48356G	-45.78	15.29577G	-40.46	1
2437MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.10603G	-52.72	2.39996G	-42.75	2.4G	-43.26	2.48516G	-44.68	23.50531G	-39.96	2
2437MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.30495G	-53.01	2.39818G	-42.27	2.4G	-42.40	2.48378G	-45.36	24.86795G	-39.64	3
2462MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.12467G	-53.51	2.39254G	-51.60	2.4835G	-51.79	2.49458G	-48.93	24.62352G	-40.10	1
2462MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.14914G	-52.17	2.3998G	-51.75	2.4835G	-51.58	2.48442G	-49.12	24.49428G	-39.14	2
2462MHz_TnomVnom	Pass	2.442G	11.10	-18.90	2.30699G	-53.51	2.39044G	-51.49	2.4835G	-51.53	2.48452G	-49.80	23.54184G	-39.93	3
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.13623G	-53.52	2.39912G	-47.54	2.4G	-50.35	2.4871G	-50.76	24.54847G	-40.11	1
2422MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.30741G	-52.99	2.39264G	-45.84	2.4G	-46.68	2.51154G	-50.89	24.85697G	-40.15	2
2422MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.13136G	-53.69	2.39888G	-46.48	2.4G	-48.74	2.51338G	-51.07	16.61155G	-40.40	3
2437MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.15483G	-53.59	2.39956G	-44.83	2.4G	-47.47	2.50342G	-48.33	23.53882G	-39.62	1
2437MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.15598G	-53.48	2.39948G	-40.60	2.4G	-43.48	2.49026G	-48.61	23.53041G	-39.40	2
2437MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.14539G	-53.25	2.39956G	-41.88	2.4G	-44.12	2.48634G	-48.82	23.54443G	-40.07	3
2452MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	1.97106G	-53.76	2.39564G	-51.68	2.4835G	-51.53	2.48558G	-48.80	23.21069G	-39.00	1
2452MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.10503G	-53.72	2.39388G	-51.92	2.4835G	-50.48	2.48538G	-49.83	16.8836G	-38.97	2
2452MHz_TnomVnom	Pass	2.43198G	3.38	-26.62	2.30168G	-53.07	2.3932G	-51.29	2.4835G	-51.68	2.48354G	-50.08	23.27519G	-40.34	3

802.11b_Nss1,(1Mbps)_3TX

2412MHz

CSENdB

04/11/2020



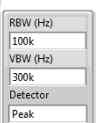
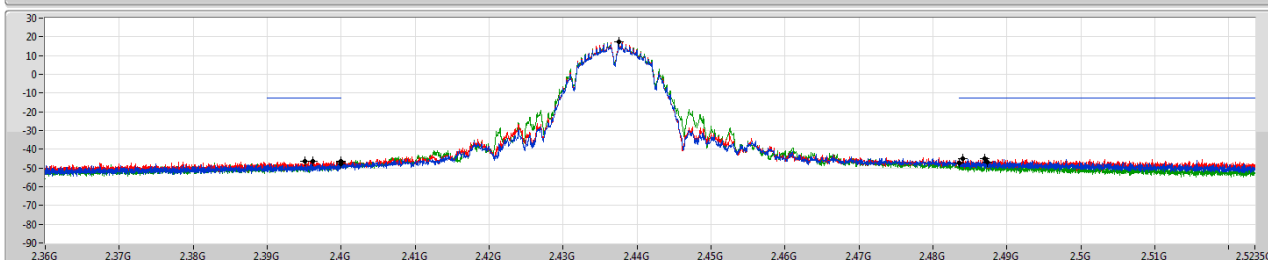
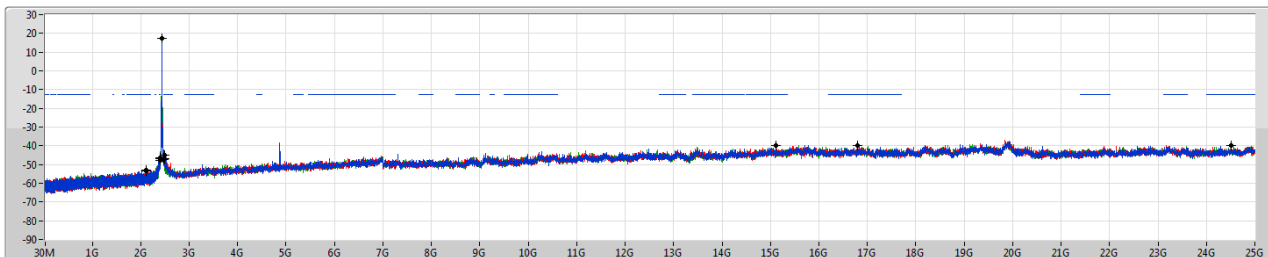
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.29	-12.71	2.30903G	-52.32	2.4G	-36.06	2.4G	-36.66	2.51248G	-46.15	23.21593G	-38.71	1
2.43749G	17.29	-12.71	2.3G	-53.49	2.39798G	-36.15	2.4G	-37.58	2.51102G	-44.92	24.882G	-39.80	2
2.43749G	17.29	-12.71	2.30991G	-52.00	2.39838G	-38.52	2.4G	-39.19	2.51278G	-48.11	16.39993G	-39.51	3

802.11b_Nss1,(1Mbps)_3TX

2437MHz

CSENdB

04/11/2020



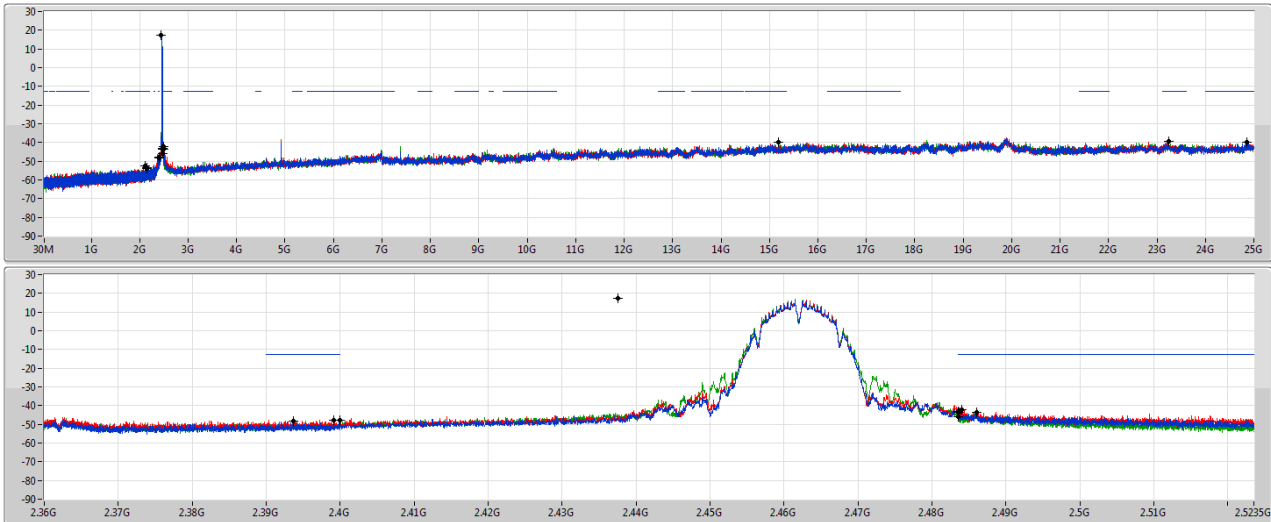
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	17.29	-12.71	2.11943G	-53.64	2.39612G	-46.28	2.4835G	-47.49	2.48402G	-45.17	15.10753G	-39.83	1
2.43749G	17.29	-12.71	2.11943G	-53.18	2.39512G	-46.25	2.4G	-46.40	2.48698G	-44.86	24.51676G	-39.64	2
2.43749G	17.29	-12.71	2.10807G	-53.29	2.4G	-46.76	2.4G	-47.68	2.48728G	-47.09	16.79327G	-39.83	3

802.11b_Nss1,(1Mbps)_3TX

2462MHz

CSENdB

04/11/2020



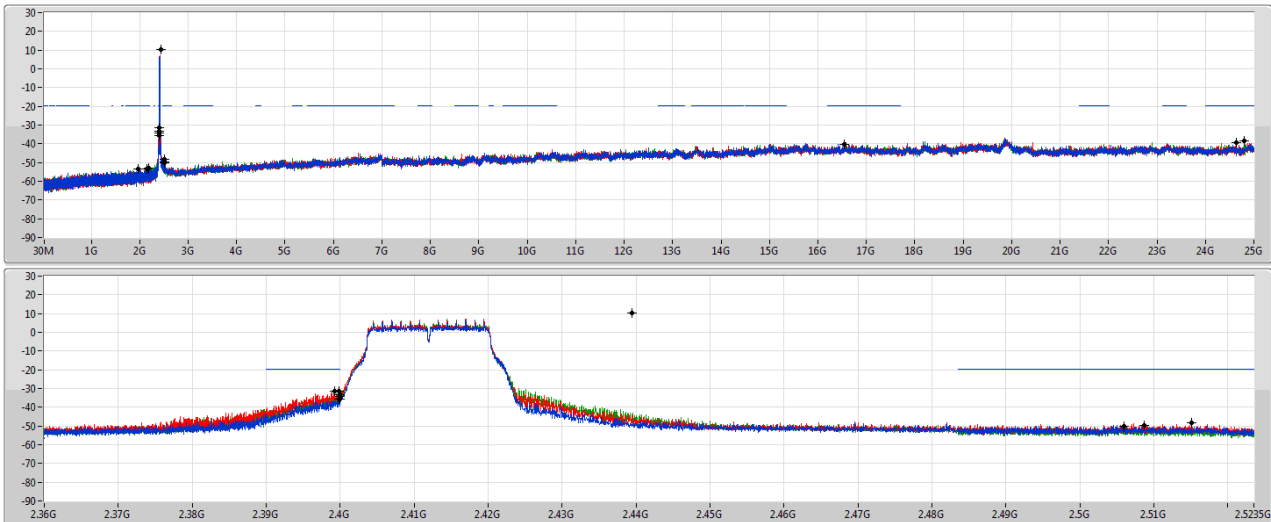
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2.43749G	17.29	-12.71	2.14884G	-54.13	2.39364G	-48.23	2.4835G	-43.40	2.48364G	-43.69	23.24121G	-39.25	1
2.43749G	17.29	-12.71	2.11535G	-52.34	2.3991G	-47.69	2.4835G	-42.95	2.484G	-42.36	24.85952G	-39.71	2
2.43749G	17.29	-12.71	2.15059G	-53.30	2.39996G	-47.83	2.4835G	-45.87	2.48602G	-43.42	15.1862G	-39.70	3

802.11g_Nss1,(6Mbps)_3TX

2412MHz

CSENdB

04/11/2020



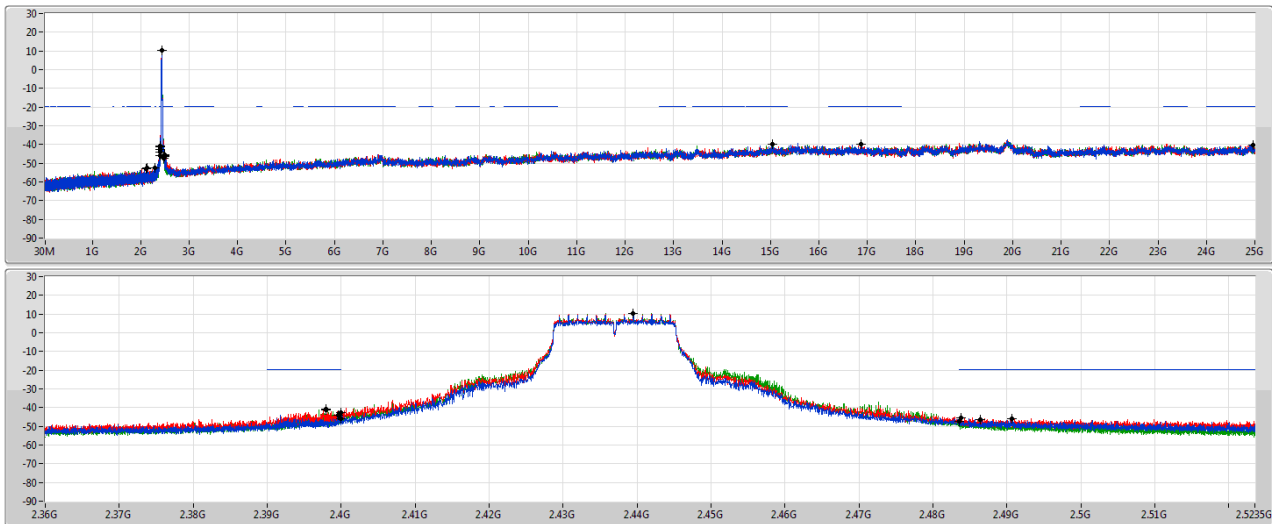
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	10.36	-19.64	1.97322G	-53.34	2.39984G	-35.66	2.4G	-35.52	2.50864G	-49.52	16.54884G	-40.24	1
2.4395G	10.36	-19.64	2.14389G	-53.59	2.39986G	-31.64	2.4G	-33.31	2.51506G	-48.36	24.63757G	-39.43	2
2.4395G	10.36	-19.64	2.18612G	-53.07	2.3992G	-31.53	2.4G	-34.28	2.50598G	-50.13	24.79209G	-38.45	3

802.11g_Nss1,(6Mbps)_3TX

2437MHz

CSENdB

04/11/2020



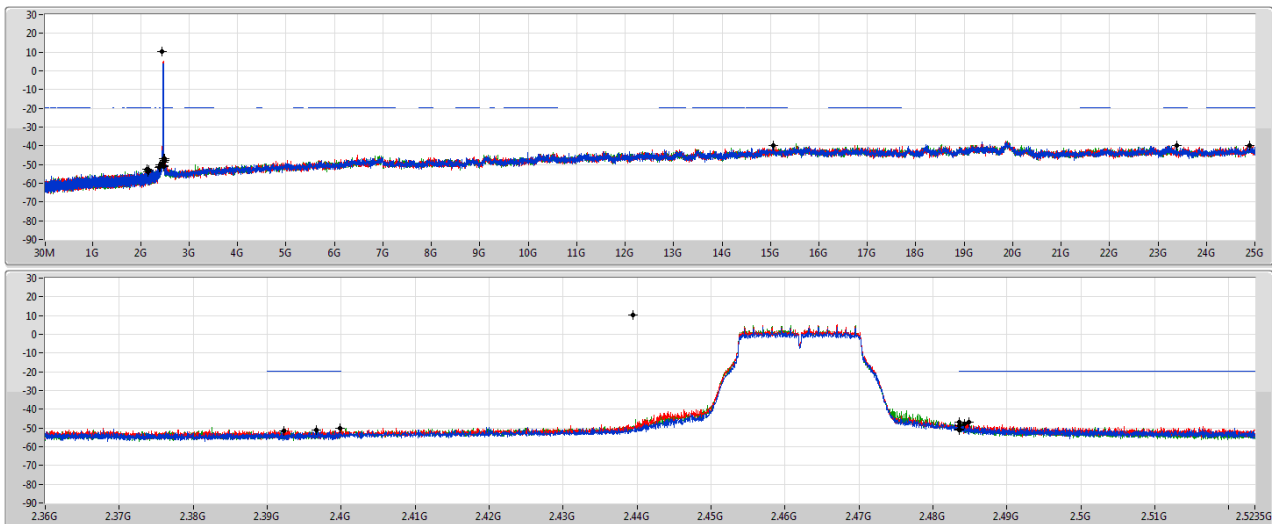
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	10.36	-19.64	2.30204G	-52.62	2.3996G	-44.05	2.4835G	-47.31	2.49068G	-45.95	2.495786G	-40.16	1
2.4395G	10.36	-19.64	2.12584G	-52.36	2.39796G	-41.04	2.4G	-42.66	2.48374G	-45.41	15.04572G	-39.74	2
2.4395G	10.36	-19.64	2.11943G	-53.15	2.39796G	-40.81	2.4G	-45.86	2.48636G	-46.37	16.86632G	-39.83	3

802.11g_Nss1,(6Mbps)_3TX

2462MHz

CSENdB

04/11/2020

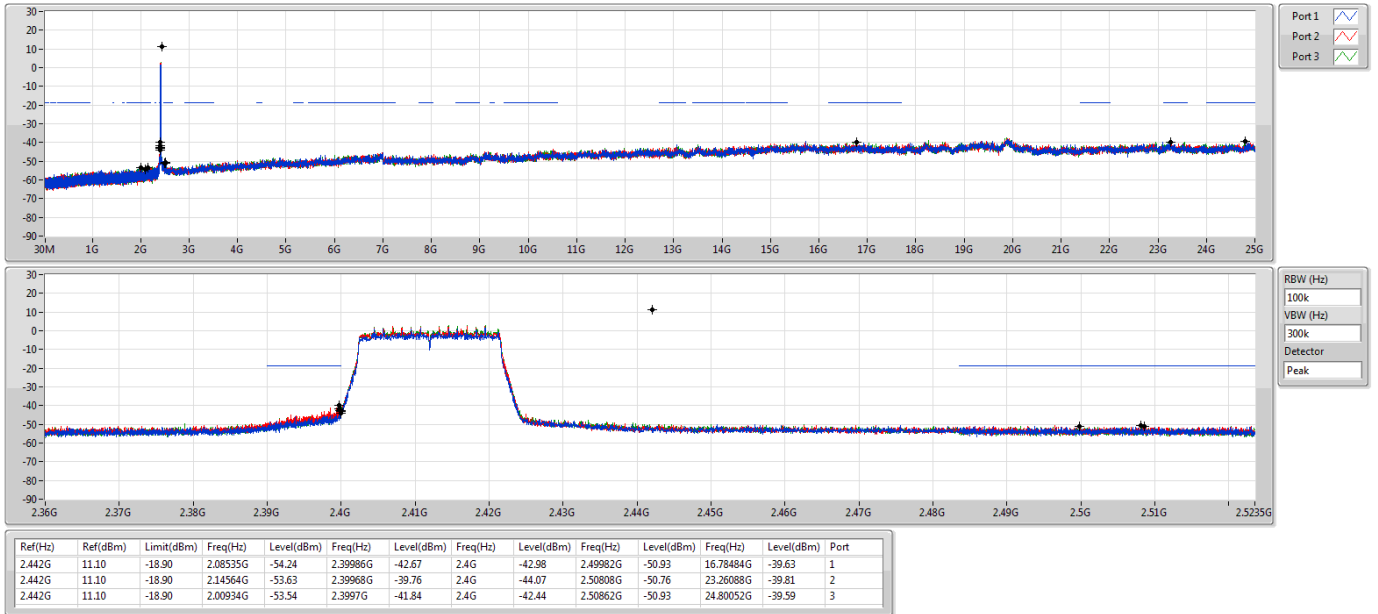


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	10.36	-19.64	2.14506G	-53.68	2.39228G	-51.69	2.4835G	-51.09	2.48424G	-47.62	23.38169G	-40.04	1
2.4395G	10.36	-19.64	2.16748G	-52.82	2.39978G	-50.36	2.4835G	-48.63	2.4848G	-46.79	15.05134G	-39.69	2
2.4395G	10.36	-19.64	2.13108G	-52.54	2.39658G	-51.05	2.4835G	-50.47	2.4835G	-46.78	24.89605G	-39.85	3

802.11ax HEW20_Nss1,(MCS0)_3TX

CSENdB

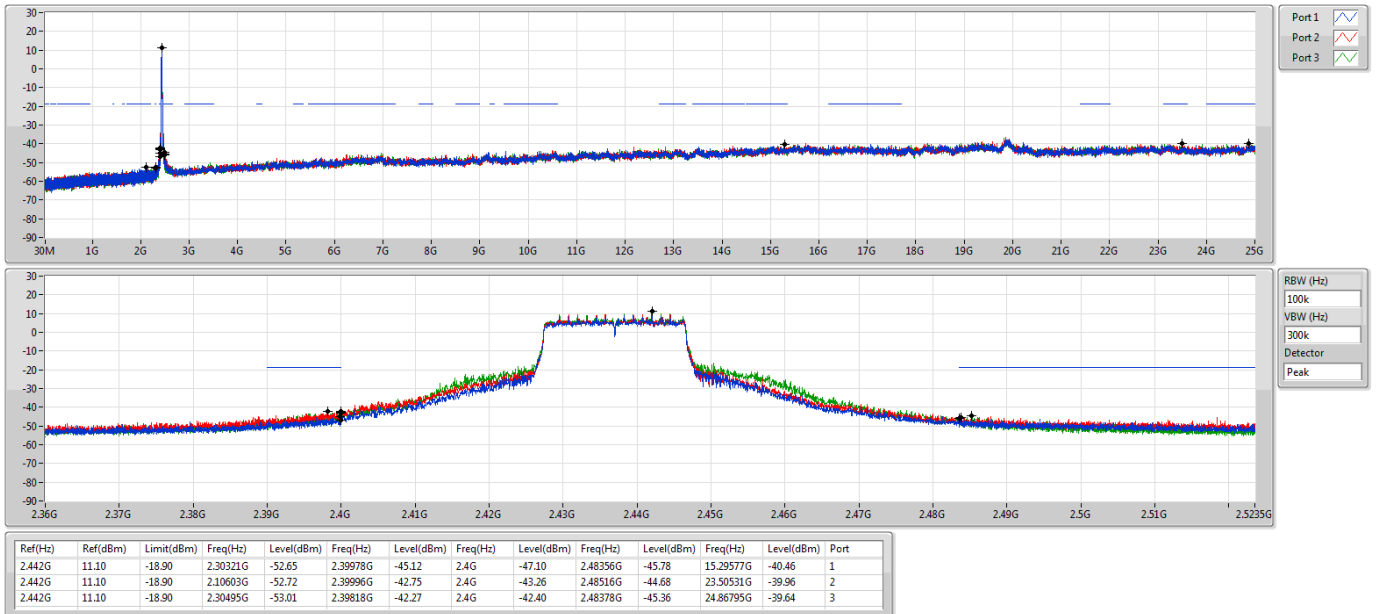
2412MHz



802.11ax HEW20_Nss1,(MCS0)_3TX

CSENdB

2437MHz

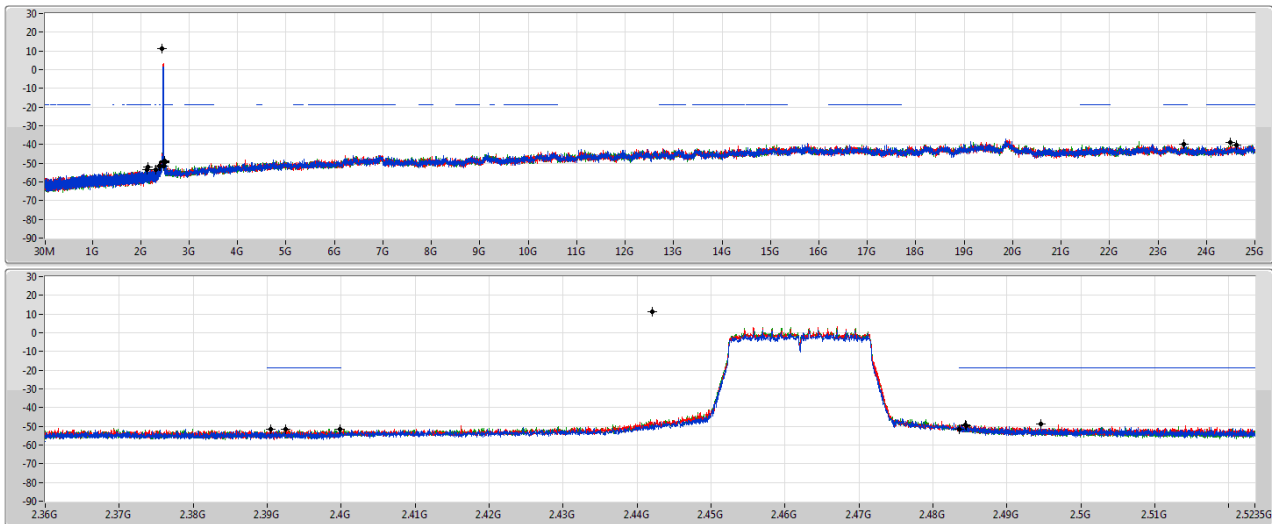


802.11ax HEW20_Nss1,(MCS0)_3TX

2462MHz

CSENdB

04/11/2020



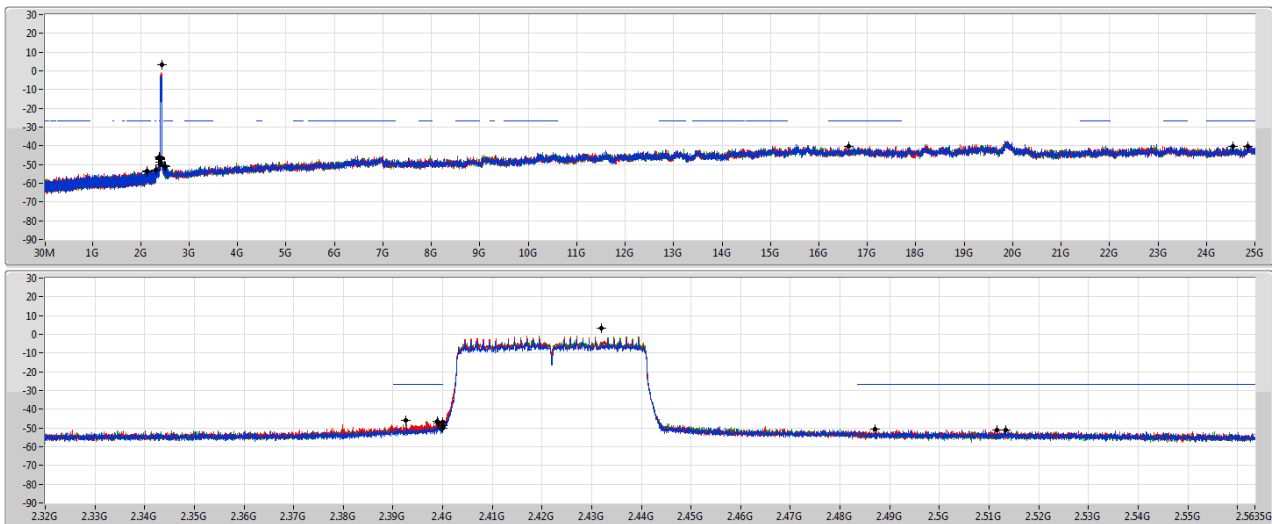
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	11.10	-18.90	2.12467G	-53.51	2.39254G	-51.60	2.4835G	-51.79	2.49458G	-48.93	24.62352G	-40.10	1
2.442G	11.10	-18.90	2.14914G	-52.17	2.3998G	-51.75	2.4835G	-51.58	2.48442G	-49.12	24.49428G	-39.14	2
2.442G	11.10	-18.90	2.30699G	-53.51	2.39044G	-51.49	2.4835G	-51.53	2.48452G	-49.80	23.54184G	-39.93	3

802.11ax HEW40_Nss1,(MCS0)_3TX

2422MHz

CSENdB

04/11/2020

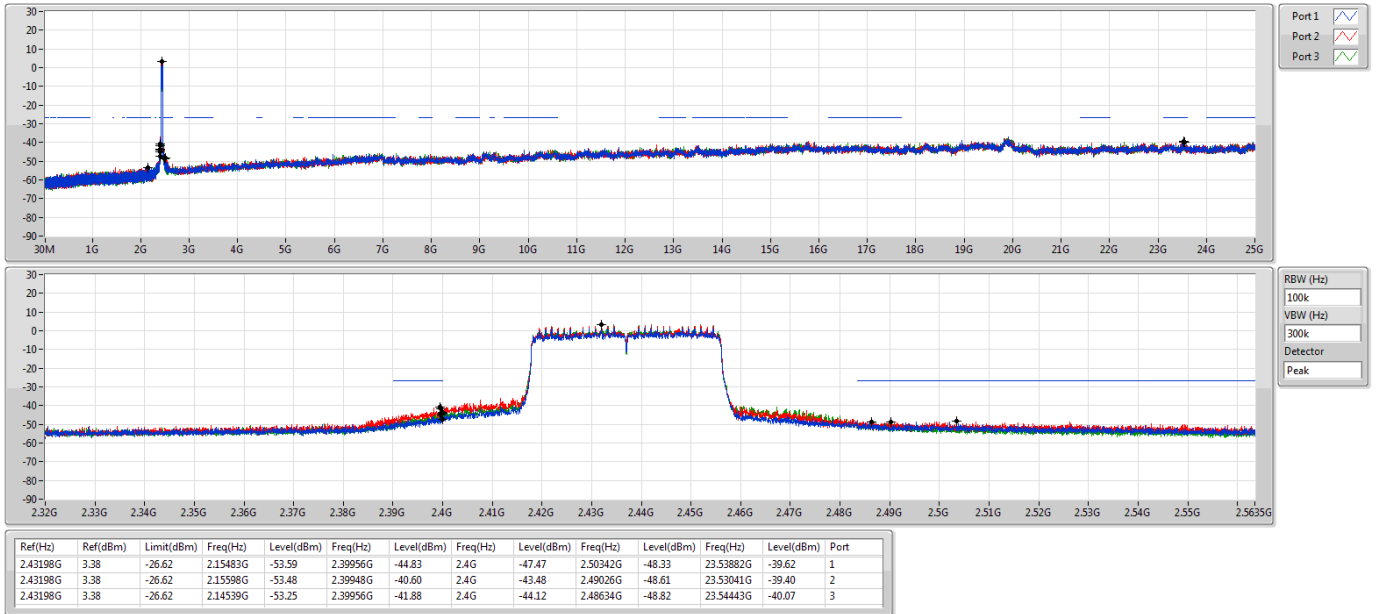


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	3.38	-26.62	2.13623G	-53.52	2.39912G	-47.54	2.4G	-50.35	2.4871G	-50.76	24.54847G	-40.11	1
2.43198G	3.38	-26.62	2.30741G	-52.99	2.39264G	-45.84	2.4G	-46.68	2.51154G	-50.89	24.85697G	-40.15	2
2.43198G	3.38	-26.62	2.13136G	-53.69	2.39888G	-46.48	2.4G	-48.74	2.51338G	-51.07	16.61155G	-40.40	3

802.11ax HEW40_Nss1,(MCS0)_3TX

CSENdB

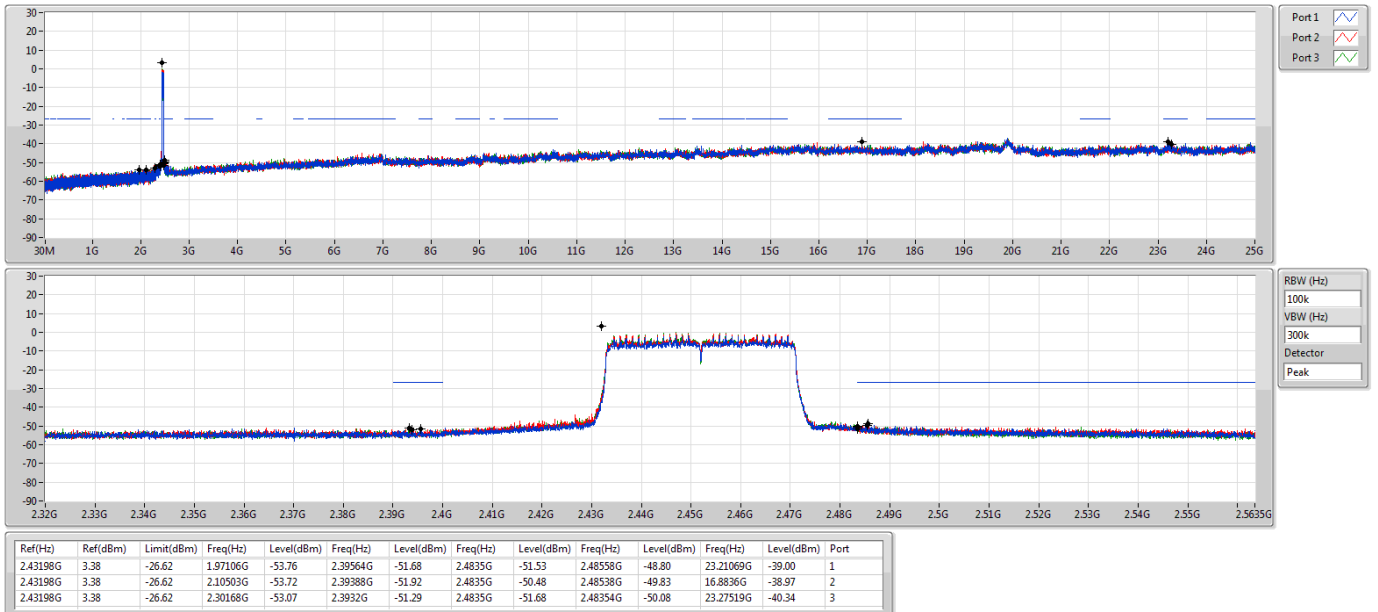
2437MHz



802.11ax HEW40_Nss1,(MCS0)_3TX

CSENdB

2452MHz





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	Pass	2.43599G	13.98	-16.02	2.30175G	-52.28	2.3984G	-32.57	2.4G	-34.36	2.50598G	-48.88	15.30982G	-41.17	3
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	Pass	2.42797G	7.47	-22.53	2.14138G	-52.86	2.39976G	-36.52	2.4G	-42.55	2.48358G	-45.12	24.08571G	-40.74	2



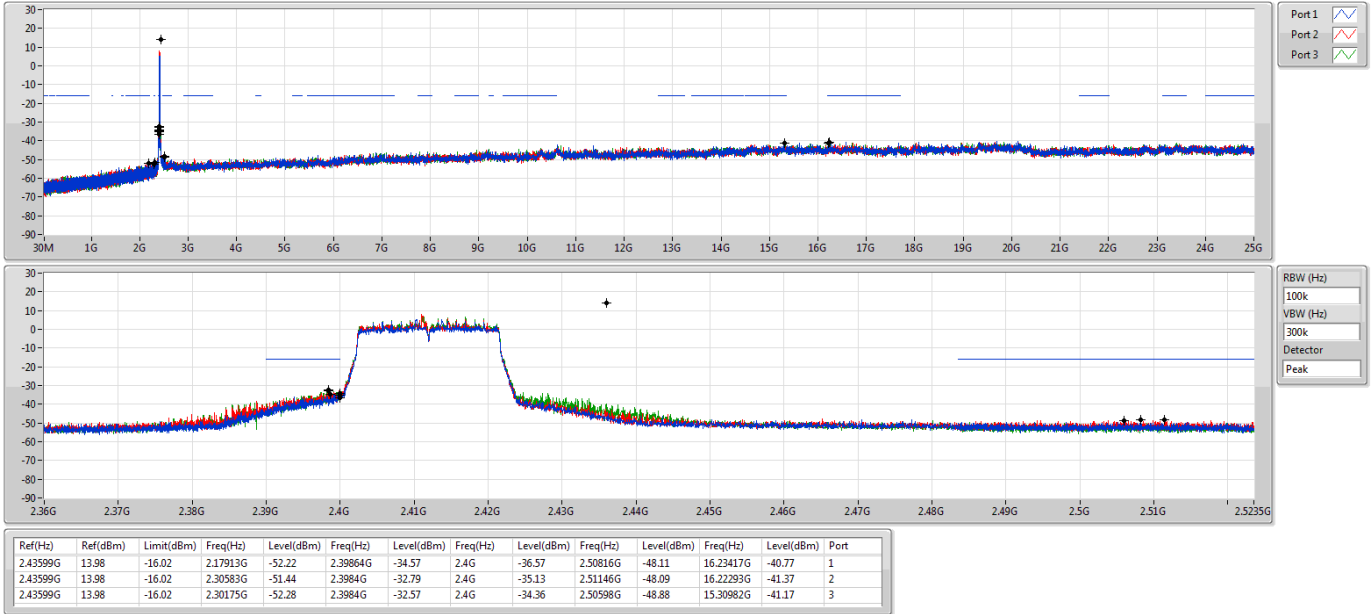
Result

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
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	13.98	-16.02	2.17913G	-52.22	2.39864G	-34.57	2.4G	-36.57	2.50816G	-48.11	16.23417G	-40.77	1
2412MHz	Pass	2.43599G	13.98	-16.02	2.30583G	-51.44	2.3984G	-32.79	2.4G	-35.13	2.51146G	-48.09	16.22293G	-41.37	2
2412MHz	Pass	2.43599G	13.98	-16.02	2.30175G	-52.28	2.3984G	-32.57	2.4G	-34.36	2.50598G	-48.88	15.30982G	-41.17	3
2437MHz	Pass	2.43599G	13.98	-16.02	2.30583G	-52.23	2.3989G	-39.86	2.4G	-40.71	2.48482G	-43.37	23.38731G	-41.09	1
2437MHz	Pass	2.43599G	13.98	-16.02	2.01196G	-52.60	2.39878G	-38.73	2.4G	-43.14	2.48372G	-41.70	16.63874G	-40.89	2
2437MHz	Pass	2.43599G	13.98	-16.02	2.0871G	-53.32	2.39956G	-39.51	2.4G	-40.76	2.48518G	-41.91	16.76236G	-41.25	3
2462MHz	Pass	2.43599G	13.98	-16.02	2.30903G	-52.60	2.39438G	-50.07	2.4835G	-50.32	2.48434G	-47.09	16.2735G	-41.51	1
2462MHz	Pass	2.43599G	13.98	-16.02	2.30758G	-51.77	2.39606G	-50.00	2.4835G	-47.85	2.48514G	-46.42	15.33791G	-41.27	2
2462MHz	Pass	2.43599G	13.98	-16.02	2.15875G	-53.38	2.39994G	-50.26	2.4835G	-50.29	2.48434G	-45.00	24.89043G	-41.48	3
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42797G	7.47	-22.53	2.08213G	-52.23	2.39944G	-37.11	2.4G	-41.62	2.49234G	-49.02	23.36494G	-40.33	1
2422MHz	Pass	2.42797G	7.47	-22.53	2.15655G	-51.58	2.399G	-37.30	2.4G	-39.92	2.48406G	-48.00	23.42103G	-41.52	2
2422MHz	Pass	2.42797G	7.47	-22.53	2.30082G	-52.00	2.399G	-37.51	2.4G	-39.73	2.49158G	-49.53	24.16144G	-41.02	3
2437MHz	Pass	2.42797G	7.47	-22.53	2.30569G	-52.05	2.3996G	-39.67	2.4G	-42.97	2.48402G	-46.16	23.46871G	-40.79	1
2437MHz	Pass	2.42797G	7.47	-22.53	2.14138G	-52.86	2.39976G	-36.52	2.4G	-42.55	2.48358G	-45.12	24.08571G	-40.74	2
2437MHz	Pass	2.42797G	7.47	-22.53	2.30426G	-52.79	2.39828G	-38.50	2.4G	-41.25	2.48498G	-44.05	16.23013G	-41.16	3
2452MHz	Pass	2.42797G	7.47	-22.53	2.30626G	-52.04	2.39976G	-48.03	2.4835G	-46.26	2.48458G	-41.90	23.49115G	-41.75	1
2452MHz	Pass	2.42797G	7.47	-22.53	2.16428G	-52.68	2.39828G	-47.49	2.4835G	-44.05	2.48462G	-40.59	24.03523G	-40.87	2
2452MHz	Pass	2.42797G	7.47	-22.53	2.30798G	-53.08	2.39976G	-47.99	2.4835G	-38.39	2.48626G	-40.67	17.13601G	-41.26	3

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

CSENdB

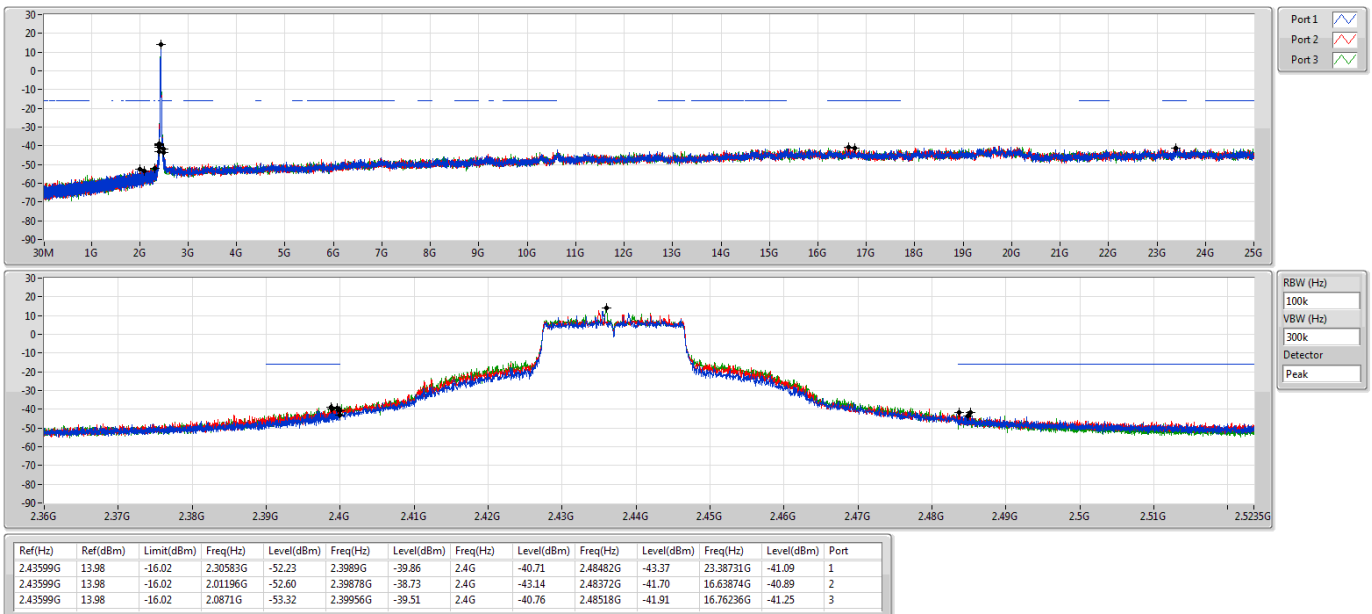
2412MHz



802.11ax HEW20-BF_Nss1,(MCS0)_3TX

CSENdB

2437MHz

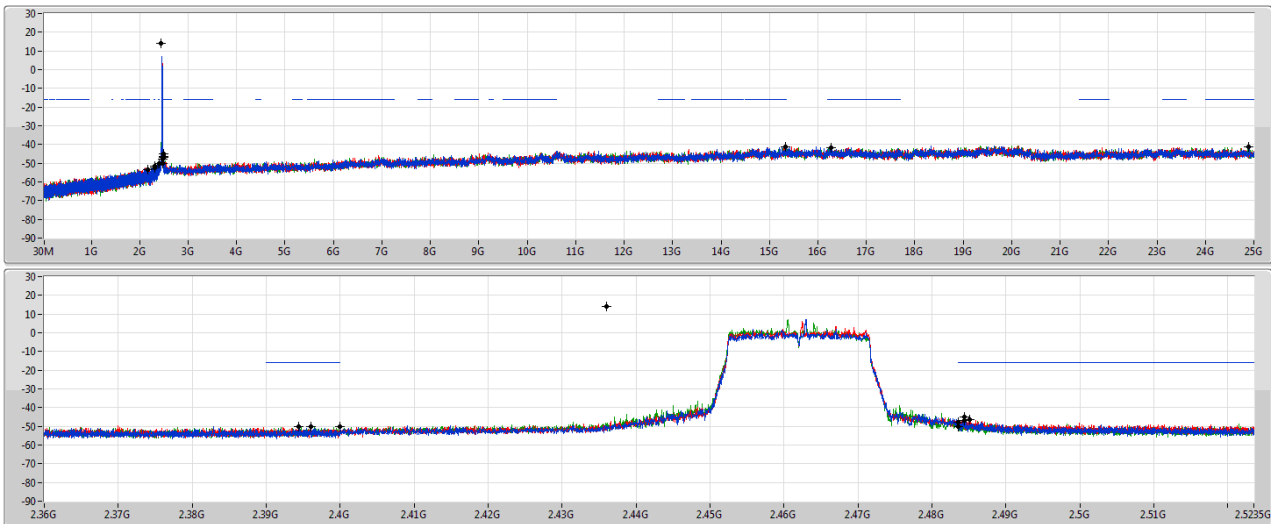


802.11ax HEW20-BF_Nss1,(MCS0)_3TX

2462MHz

CSENdB

15/12/2020



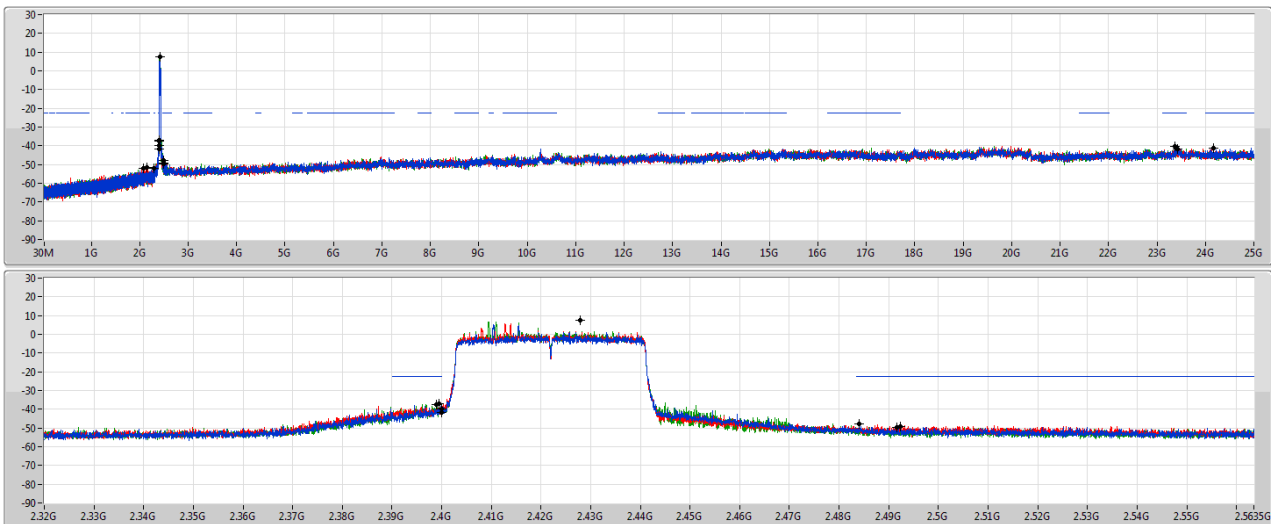
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.98	-16.02	2.30903G	-52.60	2.39438G	-50.07	2.4835G	-50.32	2.48434G	-47.09	16.2735G	-41.51	1
2.43599G	13.98	-16.02	2.30758G	-51.77	2.39606G	-50.00	2.4835G	-47.85	2.48514G	-46.42	15.33791G	-41.27	2
2.43599G	13.98	-16.02	2.15875G	-53.38	2.39994G	-50.26	2.4835G	-50.29	2.48434G	-45.00	24.89043G	-41.48	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

2422MHz

CSENdB

15/12/2020



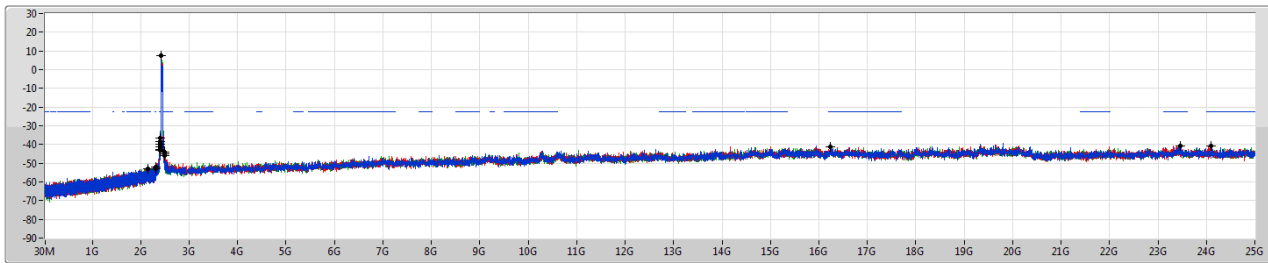
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2.42797G	7.47	-22.53	2.08213G	-52.23	2.39944G	-37.11	2.4G	-41.62	2.49234G	-49.02	23.36494G	-40.33	1
2.42797G	7.47	-22.53	2.15655G	-51.58	2.399G	-37.30	2.4G	-39.92	2.48406G	-48.00	23.42103G	-41.52	2
2.42797G	7.47	-22.53	2.30082G	-52.00	2.399G	-37.51	2.4G	-39.73	2.49158G	-49.53	24.16144G	-41.02	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

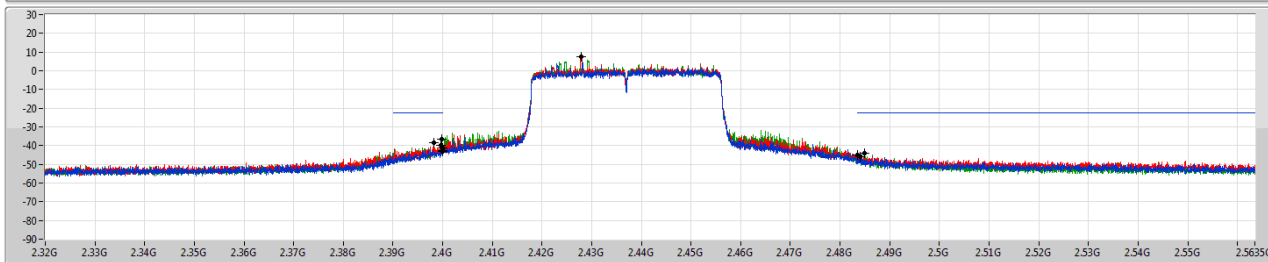
2437MHz

CSENdB

15/12/2020



Port 1
Port 2
Port 3



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

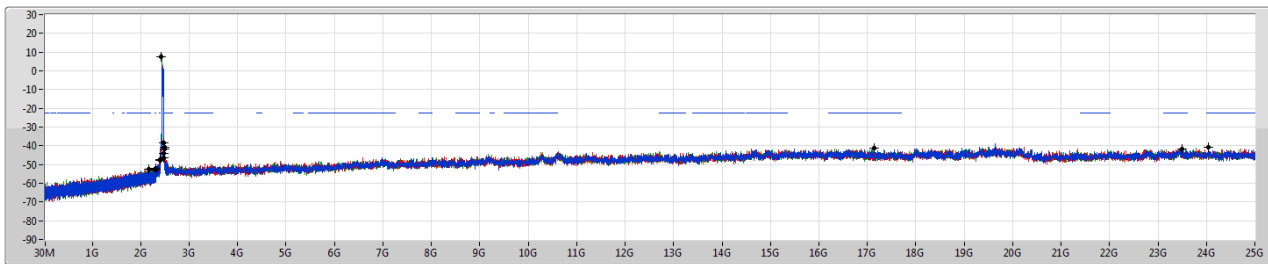
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42797G	7.47	-22.53	2.30569G	-52.05	2.3996G	-39.67	2.4G	-42.97	2.48402G	-46.16	23.46871G	-40.79	1
2.42797G	7.47	-22.53	2.14138G	-52.86	2.39976G	-36.52	2.4G	-42.55	2.48358G	-45.12	24.08571G	-40.74	2
2.42797G	7.47	-22.53	2.30426G	-52.79	2.39828G	-38.50	2.4G	-41.25	2.48498G	-44.05	16.23013G	-41.16	3

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

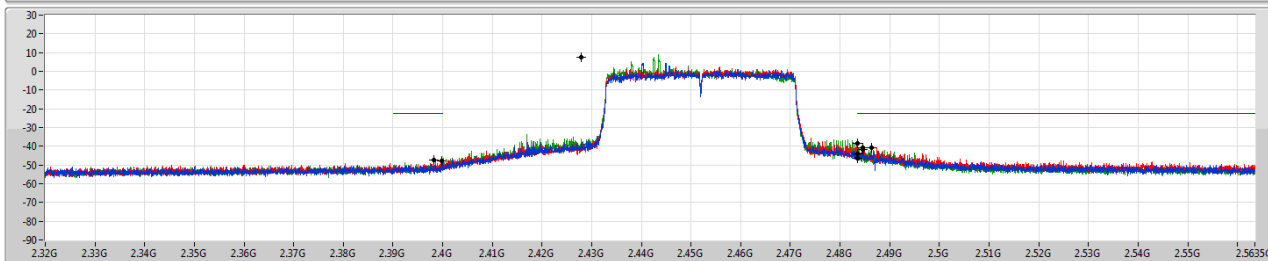
2452MHz

CSENdB

15/12/2020



Port 1
Port 2
Port 3



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
2.42797G	7.47	-22.53	2.30626G	-52.04	2.39976G	-48.03	2.4835G	-46.26	2.48458G	-41.90	23.49115G	-41.75	1
2.42797G	7.47	-22.53	2.16428G	-52.68	2.39828G	-47.49	2.4835G	-44.05	2.48462G	-40.59	24.03523G	-40.87	2
2.42797G	7.47	-22.53	2.30798G	-53.08	2.39976G	-47.99	2.4835G	-38.39	2.48626G	-40.67	17.13601G	-41.26	3



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)_3TX	Pass	QP	495.7M	41.47	46.00	-4.53	3	Horizontal	42	1.94	-

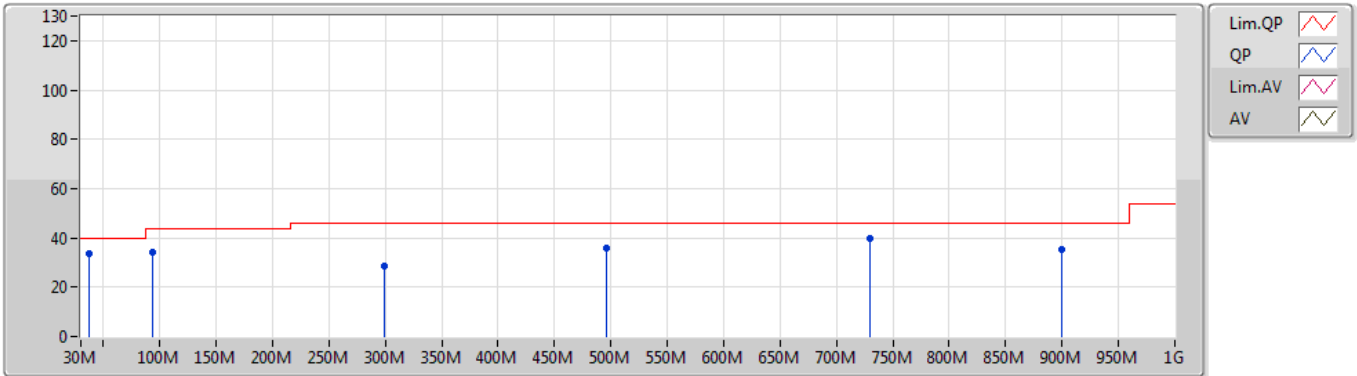
**Result**

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)_3TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	37.76M	33.46	40.00	-6.54	3	Vertical	0	1.53	-
2437MHz	Pass	PK	94.02M	34.01	43.50	-9.49	3	Vertical	0	1.53	-
2437MHz	Pass	PK	299.66M	28.77	46.00	-17.23	3	Vertical	0	1.52	-
2437MHz	Pass	PK	495.6M	36.02	46.00	-9.98	3	Vertical	0	1.52	-
2437MHz	Pass	PK	729.37M	39.56	46.00	-6.44	3	Vertical	0	1.52	-
2437MHz	Pass	PK	900.09M	35.12	46.00	-10.88	3	Vertical	0	1.52	-
2437MHz	Pass	PK	124.09M	36.35	43.50	-7.15	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	299.66M	37.49	46.00	-8.51	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	600.36M	32.83	46.00	-13.17	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	700.27M	38.55	46.00	-7.45	3	Horizontal	360	1.00	-
2437MHz	Pass	QP	495.7M	41.47	46.00	-4.53	3	Horizontal	42	1.94	-
2437MHz	Pass	QP	894.27M	38.00	46.00	-8.00	3	Horizontal	317	1.00	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_Test Fixture

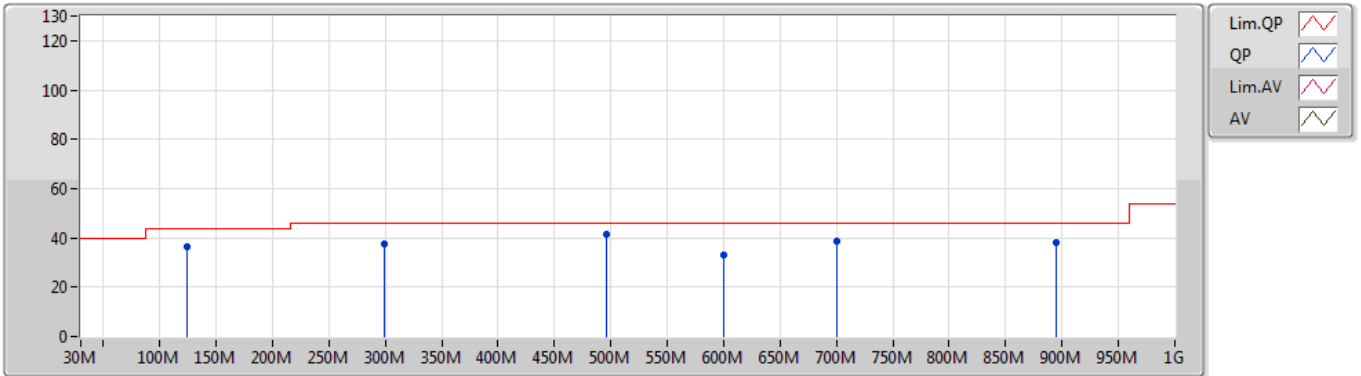


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	37.76M	33.46	40.00	-6.54	-16.81	3	Vertical	0	1.53	-	50.27	19.77	0.46	37.04
PK	94.02M	34.01	43.50	-9.49	-21.40	3	Vertical	0	1.53	-	55.41	14.47	0.70	36.57
PK	299.66M	28.77	46.00	-17.23	-16.62	3	Vertical	0	1.52	-	45.39	18.33	1.40	36.35
PK	495.6M	36.02	46.00	-9.98	-11.84	3	Vertical	0	1.52	-	47.86	23.24	1.89	36.97
PK	729.37M	39.56	46.00	-6.44	-7.96	3	Vertical	0	1.52	-	47.52	26.81	2.46	37.23
PK	900.09M	35.12	46.00	-10.88	-6.56	3	Vertical	0	1.52	-	41.68	28.17	2.80	37.53

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_Test Fixture



Type	Freq (Hz)	Level (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	124.09M	36.35	43.50	-7.15	-18.72	3	Horizontal	360	1.00	-	55.07	16.92	0.82	36.46
PK	299.66M	37.49	46.00	-8.51	-16.62	3	Horizontal	360	1.00	-	54.11	18.33	1.40	36.35
PK	600.36M	32.83	46.00	-13.17	-10.24	3	Horizontal	360	1.00	-	43.07	24.72	2.20	37.16
PK	700.27M	38.55	46.00	-7.45	-9.11	3	Horizontal	360	1.00	-	47.66	25.76	2.40	37.27
QP	495.7M	41.47	46.00	-4.53	-11.84	3	Horizontal	42	1.94	-	53.31	23.24	1.89	36.97
QP	894.27M	38.00	46.00	-8.00	-6.63	3	Horizontal	317	1.00	-	44.63	28.13	2.79	37.55



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	Pass	AV	2.39G	52.78	54.00	-1.22	3	Vertical	271	2.73	-

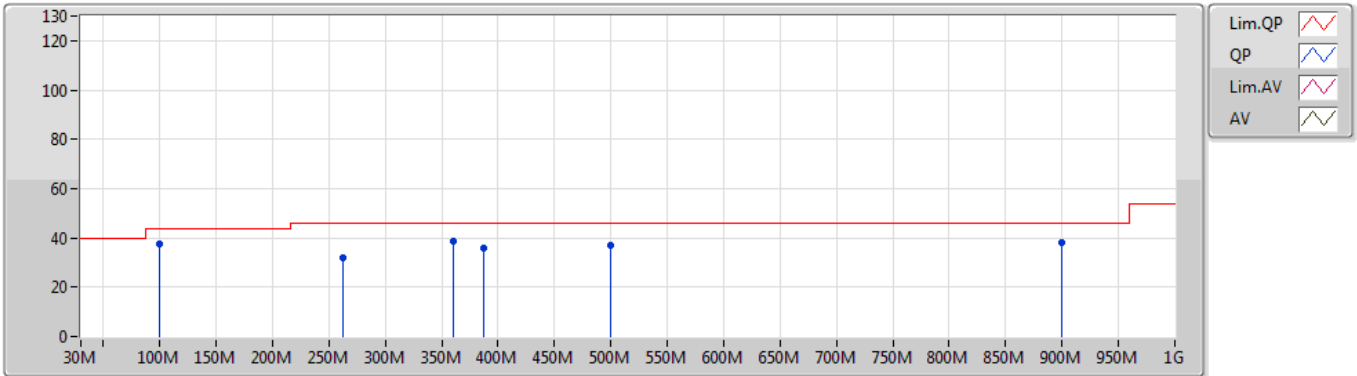
**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	AV	2.39G	52.78	54.00	-1.22	3	Vertical	271	2.73	-
2437MHz	Pass	AV	2.4128G	110.73	Inf	-Inf	3	Vertical	271	2.73	-
2437MHz	Pass	PK	2.39G	70.27	74.00	-3.73	3	Vertical	271	2.73	-
2437MHz	Pass	PK	2.418G	113.60	Inf	-Inf	3	Vertical	271	2.73	-
2437MHz	Pass	AV	2.39G	47.23	54.00	-6.77	3	Horizontal	183	1.45	-
2437MHz	Pass	AV	2.4128G	98.48	Inf	-Inf	3	Horizontal	183	1.45	-
2437MHz	Pass	PK	2.3898G	61.28	74.00	-12.72	3	Horizontal	183	1.45	-
2437MHz	Pass	PK	2.4126G	103.56	Inf	-Inf	3	Horizontal	183	1.45	-
2437MHz	Pass	AV	4.82379G	31.81	54.00	-22.19	3	Vertical	161	2.29	-
2437MHz	Pass	PK	4.82312G	44.45	74.00	-29.55	3	Vertical	161	2.29	-
2437MHz	Pass	AV	4.82312G	31.07	54.00	-22.93	3	Horizontal	129	2.87	-
2437MHz	Pass	PK	4.82315G	43.94	74.00	-30.06	3	Horizontal	129	2.87	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_Test Fixture

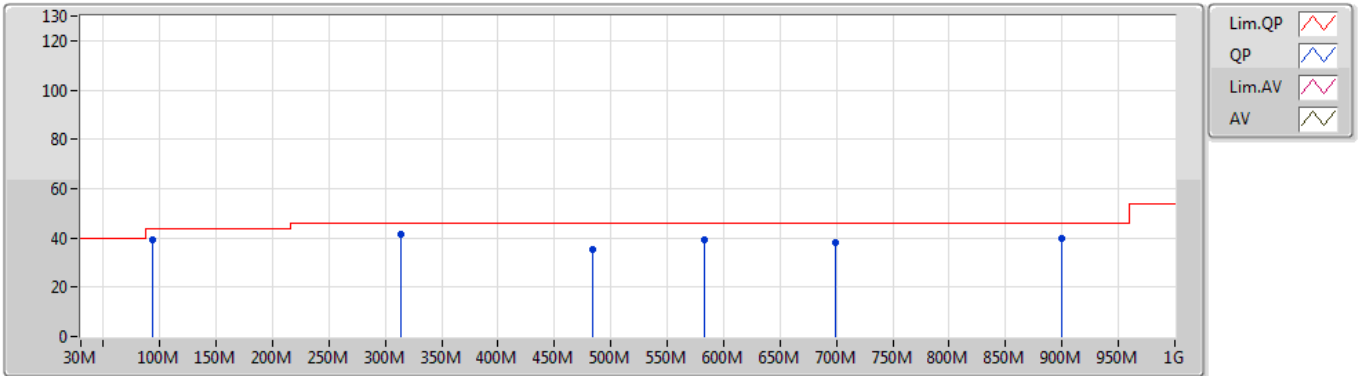


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	99.84M	37.56	43.50	-5.94	-20.53	3	Vertical	0	1.00	-	58.09	15.23	0.80	36.56
PK	262.8M	32.13	46.00	-13.87	-15.97	3	Vertical	0	1.00	-	48.10	19.11	1.33	36.41
PK	359.8M	38.52	46.00	-7.48	-15.11	3	Vertical	0	1.00	-	53.63	19.83	1.54	36.48
PK	386.96M	35.73	46.00	-10.27	-14.17	3	Vertical	0	1.00	-	49.90	20.62	1.65	36.44
PK	499.48M	37.11	46.00	-8.89	-11.85	3	Vertical	0	1.00	-	48.96	23.25	1.90	37.00
PK	899.12M	37.87	46.00	-8.13	-6.57	3	Vertical	0	1.00	-	44.44	28.16	2.80	37.53

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_Test Fixture



Type	Freq (Hz)	Level (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	94.02M	39.19	43.50	-4.31	-21.40	3	Horizontal	360	1.00	-	60.59	14.47	0.70	36.57
PK	313.24M	41.21	46.00	-4.79	-16.45	3	Horizontal	360	1.00	-	57.66	18.51	1.43	36.39
PK	483.96M	35.21	46.00	-10.79	-11.98	3	Horizontal	360	1.00	-	47.19	23.02	1.87	36.87
PK	582.9M	39.26	46.00	-6.74	-10.07	3	Horizontal	360	1.00	-	49.33	24.94	2.13	37.14
PK	699.3M	38.17	46.00	-7.83	-9.12	3	Horizontal	360	1.00	-	47.29	25.75	2.40	37.27
PK	899.12M	39.93	46.00	-6.07	-6.57	3	Horizontal	360	1.00	-	46.50	28.16	2.80	37.53

**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)_3TX	Pass	AV	2.4837G	52.92	54.00	-1.08	3	Horizontal	348	2.28	-
802.11g_Nss1,(6Mbps)_3TX	Pass	AV	2.3898G	52.93	54.00	-1.07	3	Horizontal	0	1.28	-
802.11ax HEW20_Nss1,(MCS0)_3TX	Pass	AV	2.3867G	52.83	54.00	-1.17	3	Horizontal	337	2.84	-
802.11ax HEW40_Nss1,(MCS0)_3TX	Pass	AV	2.39G	52.94	54.00	-1.06	3	Horizontal	355	1.23	-

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)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	44.34	54.00	-9.66	3	Vertical	138	2.02	-
2412MHz	Pass	AV	2.4113G	104.60	Inf	-Inf	3	Vertical	138	2.02	-
2412MHz	Pass	PK	2.3721G	56.61	74.00	-17.39	3	Vertical	138	2.02	-
2412MHz	Pass	PK	2.4112G	107.03	Inf	-Inf	3	Vertical	138	2.02	-
2412MHz	Pass	AV	2.3892G	52.90	54.00	-1.10	3	Horizontal	338	1.04	-
2412MHz	Pass	AV	2.4112G	113.16	Inf	-Inf	3	Horizontal	338	1.04	-
2412MHz	Pass	PK	2.3894G	62.92	74.00	-11.08	3	Horizontal	338	1.04	-
2412MHz	Pass	PK	2.4125G	116.68	Inf	-Inf	3	Horizontal	338	1.04	-
2412MHz	Pass	AV	4.82403G	43.61	54.00	-10.39	3	Vertical	86	2.97	-
2412MHz	Pass	PK	4.82408G	49.33	74.00	-24.67	3	Vertical	86	2.97	-
2412MHz	Pass	AV	4.82408G	39.54	54.00	-14.46	3	Horizontal	167	1.73	-
2412MHz	Pass	PK	4.82401G	46.79	74.00	-27.21	3	Horizontal	167	1.73	-
2417MHz	Pass	AV	2.39G	47.17	54.00	-6.83	3	Vertical	252	2.89	-
2417MHz	Pass	AV	2.4178G	110.54	Inf	-Inf	3	Vertical	252	2.89	-
2417MHz	Pass	PK	2.3738G	57.55	74.00	-16.45	3	Vertical	252	2.89	-
2417MHz	Pass	PK	2.4178G	113.03	Inf	-Inf	3	Vertical	252	2.89	-
2417MHz	Pass	AV	2.39G	50.05	54.00	-3.95	3	Horizontal	5	1.27	-
2417MHz	Pass	AV	2.4163G	113.08	Inf	-Inf	3	Horizontal	5	1.27	-
2417MHz	Pass	PK	2.3887G	61.55	74.00	-12.45	3	Horizontal	5	1.27	-
2417MHz	Pass	PK	2.4175G	116.62	Inf	-Inf	3	Horizontal	5	1.27	-
2437MHz	Pass	AV	2.3894G	44.49	54.00	-9.51	3	Vertical	244	2.14	-
2437MHz	Pass	AV	2.4362G	110.00	Inf	-Inf	3	Vertical	244	2.14	-
2437MHz	Pass	AV	2.5G	44.86	54.00	-9.14	3	Vertical	244	2.14	-
2437MHz	Pass	PK	2.3556G	57.41	74.00	-16.59	3	Vertical	244	2.14	-
2437MHz	Pass	PK	2.438G	112.41	Inf	-Inf	3	Vertical	244	2.14	-
2437MHz	Pass	PK	2.4848G	57.01	74.00	-16.99	3	Vertical	244	2.14	-
2437MHz	Pass	AV	2.3886G	48.48	54.00	-5.52	3	Horizontal	7	1.50	-
2437MHz	Pass	AV	2.4362G	107.55	Inf	-Inf	3	Horizontal	7	1.50	-
2437MHz	Pass	AV	2.4854G	49.00	54.00	-5.00	3	Horizontal	7	1.50	-
2437MHz	Pass	PK	2.3884G	61.42	74.00	-12.58	3	Horizontal	7	1.50	-
2437MHz	Pass	PK	2.436G	110.09	Inf	-Inf	3	Horizontal	7	1.50	-
2437MHz	Pass	PK	2.485G	61.74	74.00	-12.26	3	Horizontal	7	1.50	-
2437MHz	Pass	AV	4.87407G	45.92	54.00	-8.08	3	Vertical	11	2.34	-
2437MHz	Pass	PK	4.87399G	50.29	74.00	-23.71	3	Vertical	11	2.34	-
2437MHz	Pass	AV	4.8741G	44.09	54.00	-9.91	3	Horizontal	145	1.53	-
2437MHz	Pass	PK	4.87401G	49.09	74.00	-24.91	3	Horizontal	145	1.53	-
2457MHz	Pass	AV	2.4562G	109.67	Inf	-Inf	3	Vertical	228	2.77	-
2457MHz	Pass	AV	2.4836G	49.01	54.00	-4.99	3	Vertical	228	2.77	-
2457MHz	Pass	PK	2.4579G	111.85	Inf	-Inf	3	Vertical	228	2.77	-
2457MHz	Pass	PK	2.4839G	59.16	74.00	-14.84	3	Vertical	228	2.77	-
2457MHz	Pass	AV	2.4562G	113.42	Inf	-Inf	3	Horizontal	348	2.28	-
2457MHz	Pass	AV	2.4837G	52.92	54.00	-1.08	3	Horizontal	348	2.28	-
2457MHz	Pass	PK	2.4575G	116.76	Inf	-Inf	3	Horizontal	348	2.28	-
2457MHz	Pass	PK	2.4836G	63.28	74.00	-10.72	3	Horizontal	348	2.28	-
2462MHz	Pass	AV	2.4613G	111.77	Inf	-Inf	3	Vertical	87	3.00	-
2462MHz	Pass	AV	2.4835G	50.55	54.00	-3.45	3	Vertical	87	3.00	-
2462MHz	Pass	PK	2.4628G	114.40	Inf	-Inf	3	Vertical	87	3.00	-
2462MHz	Pass	PK	2.4839G	60.37	74.00	-13.63	3	Vertical	87	3.00	-
2462MHz	Pass	AV	2.4613G	113.22	Inf	-Inf	3	Horizontal	315	1.09	-
2462MHz	Pass	AV	2.4835G	52.49	54.00	-1.51	3	Horizontal	315	1.09	-
2462MHz	Pass	PK	2.4625G	116.58	Inf	-Inf	3	Horizontal	315	1.09	-
2462MHz	Pass	PK	2.4837G	62.21	74.00	-11.79	3	Horizontal	315	1.09	-
2462MHz	Pass	AV	4.92395G	35.36	54.00	-18.64	3	Vertical	1	2.57	-
2462MHz	Pass	PK	4.9239G	44.81	74.00	-29.19	3	Vertical	1	2.57	-
2462MHz	Pass	AV	4.92398G	33.85	54.00	-20.15	3	Horizontal	119	1.46	-
2462MHz	Pass	PK	4.92384G	44.40	74.00	-29.60	3	Horizontal	119	1.46	-
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3892G	51.20	54.00	-2.80	3	Vertical	227	2.86	-
2412MHz	Pass	AV	2.4195G	101.30	Inf	-Inf	3	Vertical	227	2.86	-
2412MHz	Pass	PK	2.3888G	66.35	74.00	-7.65	3	Vertical	227	2.86	-



RSE TX above 1GHz _Non Beamforming

Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.4177G	108.62	Inf	-Inf	3	Vertical	227	2.86	-
2412MHz	Pass	AV	2.3861G	52.89	54.00	-1.11	3	Horizontal	342	2.84	-
2412MHz	Pass	AV	2.4164G	107.56	Inf	-Inf	3	Horizontal	342	2.84	-
2412MHz	Pass	PK	2.3873G	68.62	74.00	-5.38	3	Horizontal	342	2.84	-
2412MHz	Pass	PK	2.4171G	115.14	Inf	-Inf	3	Horizontal	342	2.84	-
2412MHz	Pass	AV	4.82061G	32.89	54.00	-21.11	3	Vertical	131	1.32	-
2412MHz	Pass	PK	4.82697G	43.98	74.00	-30.02	3	Vertical	131	1.32	-
2412MHz	Pass	AV	4.82679G	32.50	54.00	-21.50	3	Horizontal	218	1.50	-
2412MHz	Pass	PK	4.82345G	43.05	74.00	-30.95	3	Horizontal	218	1.50	-
2417MHz	Pass	AV	2.387G	47.74	54.00	-6.26	3	Vertical	250	2.87	-
2417MHz	Pass	AV	2.4246G	103.42	Inf	-Inf	3	Vertical	250	2.87	-
2417MHz	Pass	PK	2.3874G	61.93	74.00	-12.07	3	Vertical	250	2.87	-
2417MHz	Pass	PK	2.4242G	110.76	Inf	-Inf	3	Vertical	250	2.87	-
2417MHz	Pass	AV	2.3898G	52.93	54.00	-1.07	3	Horizontal	0	1.28	-
2417MHz	Pass	AV	2.4196G	109.08	Inf	-Inf	3	Horizontal	0	1.28	-
2417MHz	Pass	PK	2.3898G	70.75	74.00	-3.25	3	Horizontal	0	1.28	-
2417MHz	Pass	PK	2.4197G	116.62	Inf	-Inf	3	Horizontal	0	1.28	-
2437MHz	Pass	AV	2.3898G	46.50	54.00	-7.50	3	Vertical	144	1.08	-
2437MHz	Pass	AV	2.4382G	98.15	Inf	-Inf	3	Vertical	144	1.08	-
2437MHz	Pass	AV	2.496G	47.10	54.00	-6.90	3	Vertical	144	1.08	-
2437MHz	Pass	PK	2.383G	56.71	74.00	-17.29	3	Vertical	144	1.08	-
2437MHz	Pass	PK	2.4226G	106.49	Inf	-Inf	3	Vertical	144	1.08	-
2437MHz	Pass	PK	2.4998G	57.33	74.00	-16.67	3	Vertical	144	1.08	-
2437MHz	Pass	AV	2.3872G	49.38	54.00	-4.62	3	Horizontal	351	1.62	-
2437MHz	Pass	AV	2.4358G	110.40	Inf	-Inf	3	Horizontal	351	1.62	-
2437MHz	Pass	AV	2.4838G	52.89	54.00	-1.11	3	Horizontal	351	1.62	-
2437MHz	Pass	PK	2.378G	60.29	74.00	-13.71	3	Horizontal	351	1.62	-
2437MHz	Pass	PK	2.435G	117.74	Inf	-Inf	3	Horizontal	351	1.62	-
2437MHz	Pass	PK	2.4835G	67.95	74.00	-6.05	3	Horizontal	351	1.62	-
2437MHz	Pass	AV	4.87807G	32.06	54.00	-21.94	3	Vertical	242	1.05	-
2437MHz	Pass	PK	4.87004G	43.53	74.00	-30.47	3	Vertical	242	1.05	-
2437MHz	Pass	AV	4.87554G	32.06	54.00	-21.94	3	Horizontal	124	2.60	-
2437MHz	Pass	PK	4.87747G	43.01	74.00	-30.99	3	Horizontal	124	2.60	-
2457MHz	Pass	AV	2.4536G	101.87	Inf	-Inf	3	Vertical	227	2.78	-
2457MHz	Pass	AV	2.4845G	51.51	54.00	-2.49	3	Vertical	227	2.78	-
2457MHz	Pass	PK	2.4532G	109.41	Inf	-Inf	3	Vertical	227	2.78	-
2457MHz	Pass	PK	2.4845G	66.14	74.00	-7.86	3	Vertical	227	2.78	-
2457MHz	Pass	AV	2.4496G	109.30	Inf	-Inf	3	Horizontal	1	1.46	-
2457MHz	Pass	AV	2.485G	52.84	54.00	-1.16	3	Horizontal	1	1.46	-
2457MHz	Pass	PK	2.4494G	116.68	Inf	-Inf	3	Horizontal	1	1.46	-
2457MHz	Pass	PK	2.4889G	69.87	74.00	-4.13	3	Horizontal	1	1.46	-
2462MHz	Pass	AV	2.4596G	98.19	Inf	-Inf	3	Vertical	233	2.51	-
2462MHz	Pass	AV	2.4848G	47.52	54.00	-6.48	3	Vertical	233	2.51	-
2462MHz	Pass	PK	2.4601G	105.51	Inf	-Inf	3	Vertical	233	2.51	-
2462MHz	Pass	PK	2.4837G	57.95	74.00	-16.05	3	Vertical	233	2.51	-
2462MHz	Pass	AV	2.4662G	105.29	Inf	-Inf	3	Horizontal	352	2.77	-
2462MHz	Pass	AV	2.4835G	52.45	54.00	-1.55	3	Horizontal	352	2.77	-
2462MHz	Pass	PK	2.4657G	113.57	Inf	-Inf	3	Horizontal	352	2.77	-
2462MHz	Pass	PK	2.4863G	66.27	74.00	-7.73	3	Horizontal	352	2.77	-
2462MHz	Pass	AV	4.92685G	32.10	54.00	-21.90	3	Vertical	267	2.60	-
2462MHz	Pass	PK	4.92341G	43.11	74.00	-30.89	3	Vertical	267	2.60	-
2462MHz	Pass	AV	4.9281G	31.88	54.00	-22.12	3	Horizontal	67	2.81	-
2462MHz	Pass	PK	4.92848G	42.98	74.00	-31.02	3	Horizontal	67	2.81	-
802.11ax HEW20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	46.75	54.00	-7.25	3	Vertical	142	1.28	-
2412MHz	Pass	AV	2.4105G	91.91	Inf	-Inf	3	Vertical	142	1.28	-
2412MHz	Pass	PK	2.39G	57.44	74.00	-16.56	3	Vertical	142	1.28	-
2412MHz	Pass	PK	2.4102G	102.43	Inf	-Inf	3	Vertical	142	1.28	-
2412MHz	Pass	AV	2.3895G	52.70	54.00	-1.30	3	Horizontal	335	2.89	-
2412MHz	Pass	AV	2.4195G	103.24	Inf	-Inf	3	Horizontal	335	2.89	-
2412MHz	Pass	PK	2.3894G	64.23	74.00	-9.77	3	Horizontal	335	2.89	-
2412MHz	Pass	PK	2.4144G	113.03	Inf	-Inf	3	Horizontal	335	2.89	-



RSE TX above 1GHz_Non Beamforming

Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.8278G	32.05	54.00	-21.95	3	Vertical	207	1.50	-
2412MHz	Pass	PK	4.8237G	43.42	74.00	-30.58	3	Vertical	207	1.50	-
2412MHz	Pass	AV	4.83286G	32.27	54.00	-21.73	3	Horizontal	60	2.64	-
2412MHz	Pass	PK	4.8262G	43.07	74.00	-30.93	3	Horizontal	60	2.64	-
2417MHz	Pass	AV	2.3878G	47.69	54.00	-6.31	3	Vertical	142	1.20	-
2417MHz	Pass	AV	2.4181G	96.06	Inf	-Inf	3	Vertical	142	1.20	-
2417MHz	Pass	PK	2.3887G	59.73	74.00	-14.27	3	Vertical	142	1.20	-
2417MHz	Pass	PK	2.4232G	105.24	Inf	-Inf	3	Vertical	142	1.20	-
2417MHz	Pass	AV	2.3867G	52.83	54.00	-1.17	3	Horizontal	337	2.84	-
2417MHz	Pass	AV	2.4218G	106.62	Inf	-Inf	3	Horizontal	337	2.84	-
2417MHz	Pass	PK	2.3842G	70.66	74.00	-3.34	3	Horizontal	337	2.84	-
2417MHz	Pass	PK	2.4223G	116.52	Inf	-Inf	3	Horizontal	337	2.84	-
2437MHz	Pass	AV	2.362G	47.08	54.00	-6.92	3	Vertical	227	2.82	-
2437MHz	Pass	AV	2.4388G	103.48	Inf	-Inf	3	Vertical	227	2.82	-
2437MHz	Pass	AV	2.4835G	48.10	54.00	-5.90	3	Vertical	227	2.82	-
2437MHz	Pass	PK	2.3882G	57.40	74.00	-16.60	3	Vertical	227	2.82	-
2437MHz	Pass	PK	2.4434G	112.94	Inf	-Inf	3	Vertical	227	2.82	-
2437MHz	Pass	PK	2.4854G	59.17	74.00	-14.83	3	Vertical	227	2.82	-
2437MHz	Pass	AV	2.3862G	50.03	54.00	-3.97	3	Horizontal	354	1.23	-
2437MHz	Pass	AV	2.4402G	110.25	Inf	-Inf	3	Horizontal	354	1.23	-
2437MHz	Pass	AV	2.4844G	52.25	54.00	-1.75	3	Horizontal	354	1.23	-
2437MHz	Pass	PK	2.389G	62.27	74.00	-11.73	3	Horizontal	354	1.23	-
2437MHz	Pass	PK	2.4304G	118.28	Inf	-Inf	3	Horizontal	354	1.23	-
2437MHz	Pass	PK	2.4842G	66.93	74.00	-7.07	3	Horizontal	354	1.23	-
2437MHz	Pass	AV	4.86921G	32.39	54.00	-21.61	3	Vertical	195	1.50	-
2437MHz	Pass	PK	4.87147G	43.35	74.00	-30.65	3	Vertical	195	1.50	-
2437MHz	Pass	AV	4.87193G	31.38	54.00	-22.62	3	Horizontal	100	1.50	-
2437MHz	Pass	PK	4.87604G	42.98	74.00	-31.02	3	Horizontal	100	1.50	-
2457MHz	Pass	AV	2.4515G	99.55	Inf	-Inf	3	Vertical	224	2.79	-
2457MHz	Pass	AV	2.4837G	48.90	54.00	-5.10	3	Vertical	224	2.79	-
2457MHz	Pass	PK	2.4513G	109.70	Inf	-Inf	3	Vertical	224	2.79	-
2457MHz	Pass	PK	2.4861G	62.63	74.00	-11.37	3	Vertical	224	2.79	-
2457MHz	Pass	AV	2.458G	106.91	Inf	-Inf	3	Horizontal	348	2.27	-
2457MHz	Pass	AV	2.4835G	52.50	54.00	-1.50	3	Horizontal	348	2.27	-
2457MHz	Pass	PK	2.4633G	115.83	Inf	-Inf	3	Horizontal	348	2.27	-
2457MHz	Pass	PK	2.4876G	67.97	74.00	-6.03	3	Horizontal	348	2.27	-
2462MHz	Pass	AV	2.4606G	90.00	Inf	-Inf	3	Vertical	145	1.00	-
2462MHz	Pass	AV	2.4859G	47.20	54.00	-6.80	3	Vertical	145	1.00	-
2462MHz	Pass	PK	2.4606G	99.83	Inf	-Inf	3	Vertical	145	1.00	-
2462MHz	Pass	PK	2.4931G	57.06	74.00	-16.94	3	Vertical	145	1.00	-
2462MHz	Pass	AV	2.4627G	101.21	Inf	-Inf	3	Horizontal	339	2.77	-
2462MHz	Pass	AV	2.4837G	52.62	54.00	-1.38	3	Horizontal	339	2.77	-
2462MHz	Pass	PK	2.466G	111.06	Inf	-Inf	3	Horizontal	339	2.77	-
2462MHz	Pass	PK	2.4835G	65.38	74.00	-8.62	3	Horizontal	339	2.77	-
2462MHz	Pass	AV	4.92252G	31.66	54.00	-22.34	3	Vertical	289	1.50	-
2462MHz	Pass	PK	4.92062G	42.72	74.00	-31.28	3	Vertical	289	1.50	-
2462MHz	Pass	AV	4.92887G	32.06	54.00	-21.94	3	Horizontal	319	2.16	-
2462MHz	Pass	PK	4.92471G	42.55	74.00	-31.45	3	Horizontal	319	2.16	-
802.11ax HEW40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.3894G	48.23	54.00	-5.77	3	Vertical	225	2.85	-
2422MHz	Pass	AV	2.4188G	92.34	Inf	-Inf	3	Vertical	225	2.85	-
2422MHz	Pass	AV	2.4906G	46.81	54.00	-7.19	3	Vertical	225	2.85	-
2422MHz	Pass	PK	2.3838G	58.21	74.00	-15.79	3	Vertical	225	2.85	-
2422MHz	Pass	PK	2.4188G	101.88	Inf	-Inf	3	Vertical	225	2.85	-
2422MHz	Pass	PK	2.494G	57.46	74.00	-16.54	3	Vertical	225	2.85	-
2422MHz	Pass	AV	2.3866G	52.68	54.00	-1.32	3	Horizontal	338	2.86	-
2422MHz	Pass	AV	2.4108G	97.68	Inf	-Inf	3	Horizontal	338	2.86	-
2422MHz	Pass	AV	2.4896G	47.58	54.00	-6.42	3	Horizontal	338	2.86	-
2422MHz	Pass	PK	2.39G	62.46	74.00	-11.54	3	Horizontal	338	2.86	-
2422MHz	Pass	PK	2.4332G	106.68	Inf	-Inf	3	Horizontal	338	2.86	-
2422MHz	Pass	PK	2.4862G	56.91	74.00	-17.09	3	Horizontal	338	2.86	-
2422MHz	Pass	AV	4.84763G	32.39	54.00	-21.61	3	Vertical	65	1.50	-



RSE TX above 1GHz Non Beamforming

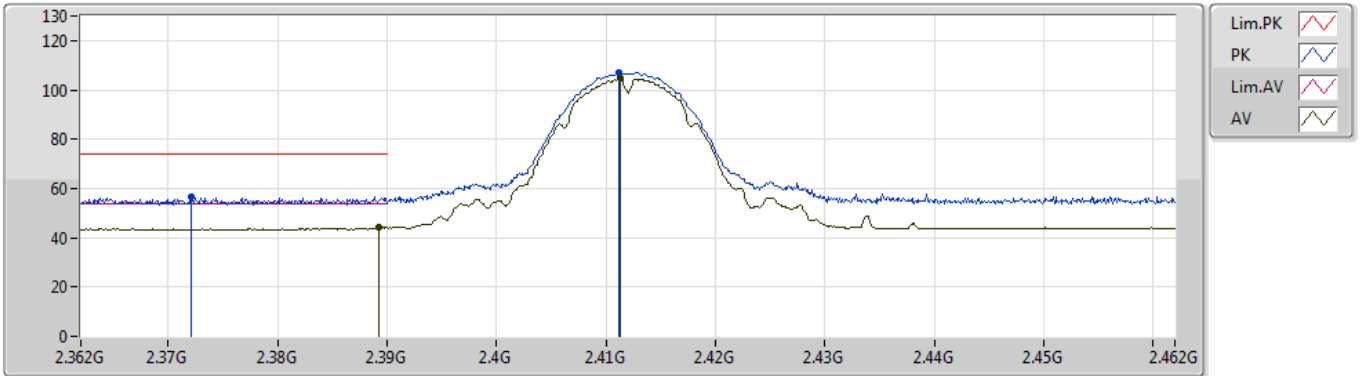
Appendix F.3

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	4.84342G	42.98	74.00	-31.02	3	Vertical	65	1.50	-
2422MHz	Pass	AV	4.84534G	32.19	54.00	-21.81	3	Horizontal	247	1.35	-
2422MHz	Pass	PK	4.84493G	43.05	74.00	-30.95	3	Horizontal	247	1.35	-
2427MHz	Pass	AV	2.3806G	46.75	54.00	-7.25	3	Vertical	141	1.18	-
2427MHz	Pass	AV	2.4254G	89.45	Inf	-Inf	3	Vertical	141	1.18	-
2427MHz	Pass	AV	2.4948G	47.12	54.00	-6.88	3	Vertical	141	1.18	-
2427MHz	Pass	PK	2.386G	56.66	74.00	-17.34	3	Vertical	141	1.18	-
2427MHz	Pass	PK	2.4402G	98.70	Inf	-Inf	3	Vertical	141	1.18	-
2427MHz	Pass	PK	2.4906G	58.57	74.00	-15.43	3	Vertical	141	1.18	-
2427MHz	Pass	AV	2.3894G	52.73	54.00	-1.27	3	Horizontal	337	2.83	-
2427MHz	Pass	AV	2.4342G	100.42	Inf	-Inf	3	Horizontal	337	2.83	-
2427MHz	Pass	AV	2.4888G	48.06	54.00	-5.94	3	Horizontal	337	2.83	-
2427MHz	Pass	PK	2.3898G	62.90	74.00	-11.10	3	Horizontal	337	2.83	-
2427MHz	Pass	PK	2.4294G	109.58	Inf	-Inf	3	Horizontal	337	2.83	-
2427MHz	Pass	PK	2.484G	58.02	74.00	-15.98	3	Horizontal	337	2.83	-
2437MHz	Pass	AV	2.3892G	48.93	54.00	-5.07	3	Vertical	224	2.81	-
2437MHz	Pass	AV	2.439G	96.72	Inf	-Inf	3	Vertical	224	2.81	-
2437MHz	Pass	AV	2.484G	47.82	54.00	-6.18	3	Vertical	224	2.81	-
2437MHz	Pass	PK	2.389G	59.54	74.00	-14.46	3	Vertical	224	2.81	-
2437MHz	Pass	PK	2.424G	106.05	Inf	-Inf	3	Vertical	224	2.81	-
2437MHz	Pass	PK	2.486G	58.29	74.00	-15.71	3	Vertical	224	2.81	-
2437MHz	Pass	AV	2.39G	52.94	54.00	-1.06	3	Horizontal	355	1.23	-
2437MHz	Pass	AV	2.4402G	103.68	Inf	-Inf	3	Horizontal	355	1.23	-
2437MHz	Pass	AV	2.4848G	51.93	54.00	-2.07	3	Horizontal	355	1.23	-
2437MHz	Pass	PK	2.39G	63.67	74.00	-10.33	3	Horizontal	355	1.23	-
2437MHz	Pass	PK	2.4352G	112.45	Inf	-Inf	3	Horizontal	355	1.23	-
2437MHz	Pass	PK	2.4876G	65.99	74.00	-8.01	3	Horizontal	355	1.23	-
2437MHz	Pass	AV	4.8716G	31.59	54.00	-22.41	3	Vertical	231	1.50	-
2437MHz	Pass	PK	4.87707G	42.30	74.00	-31.70	3	Vertical	231	1.50	-
2437MHz	Pass	AV	4.87835G	31.48	54.00	-22.52	3	Horizontal	143	1.50	-
2437MHz	Pass	PK	4.87351G	42.70	74.00	-31.30	3	Horizontal	143	1.50	-
2447MHz	Pass	AV	2.376G	46.72	54.00	-7.28	3	Vertical	140	1.08	-
2447MHz	Pass	AV	2.443G	88.17	Inf	-Inf	3	Vertical	140	1.08	-
2447MHz	Pass	AV	2.4926G	47.17	54.00	-6.83	3	Vertical	140	1.08	-
2447MHz	Pass	PK	2.3704G	56.35	74.00	-17.65	3	Vertical	140	1.08	-
2447MHz	Pass	PK	2.4428G	97.34	Inf	-Inf	3	Vertical	140	1.08	-
2447MHz	Pass	PK	2.4842G	56.24	74.00	-17.76	3	Vertical	140	1.08	-
2447MHz	Pass	AV	2.3528G	46.77	54.00	-7.23	3	Horizontal	336	2.82	-
2447MHz	Pass	AV	2.4518G	100.15	Inf	-Inf	3	Horizontal	336	2.82	-
2447MHz	Pass	AV	2.4842G	52.93	54.00	-1.07	3	Horizontal	336	2.82	-
2447MHz	Pass	PK	2.3808G	57.84	74.00	-16.16	3	Horizontal	336	2.82	-
2447MHz	Pass	PK	2.442G	109.89	Inf	-Inf	3	Horizontal	336	2.82	-
2447MHz	Pass	PK	2.4846G	61.98	74.00	-12.02	3	Horizontal	336	2.82	-
2452MHz	Pass	AV	2.3568G	46.64	54.00	-7.36	3	Vertical	142	1.09	-
2452MHz	Pass	AV	2.4408G	88.95	Inf	-Inf	3	Vertical	142	1.09	-
2452MHz	Pass	AV	2.4906G	46.88	54.00	-7.12	3	Vertical	142	1.09	-
2452MHz	Pass	PK	2.3594G	57.03	74.00	-16.97	3	Vertical	142	1.09	-
2452MHz	Pass	PK	2.4408G	97.36	Inf	-Inf	3	Vertical	142	1.09	-
2452MHz	Pass	PK	2.499G	57.72	74.00	-16.28	3	Vertical	142	1.09	-
2452MHz	Pass	AV	2.3866G	46.98	54.00	-7.02	3	Horizontal	336	2.82	-
2452MHz	Pass	AV	2.4442G	100.07	Inf	-Inf	3	Horizontal	336	2.82	-
2452MHz	Pass	AV	2.4835G	52.61	54.00	-1.39	3	Horizontal	336	2.82	-
2452MHz	Pass	PK	2.3558G	57.05	74.00	-16.95	3	Horizontal	336	2.82	-
2452MHz	Pass	PK	2.4392G	110.74	Inf	-Inf	3	Horizontal	336	2.82	-
2452MHz	Pass	PK	2.4842G	64.38	74.00	-9.62	3	Horizontal	336	2.82	-
2452MHz	Pass	AV	4.90309G	32.44	54.00	-21.56	3	Vertical	204	1.74	-
2452MHz	Pass	PK	4.90286G	43.03	74.00	-30.97	3	Vertical	204	1.74	-
2452MHz	Pass	AV	4.90196G	32.49	54.00	-21.51	3	Horizontal	76	1.03	-
2452MHz	Pass	PK	4.90255G	42.99	74.00	-31.01	3	Horizontal	76	1.03	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2412MHz_TX

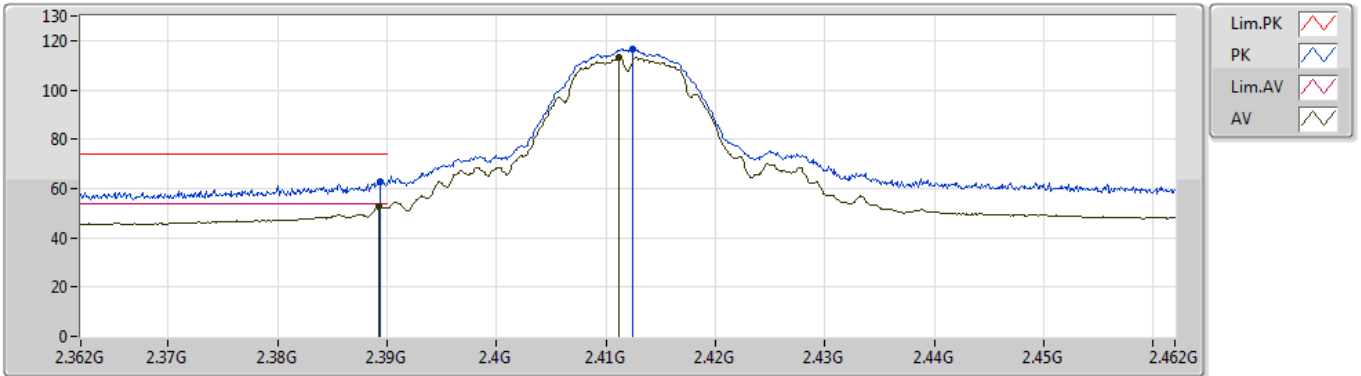


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	44.34	54.00	-9.66	31.52	3	Vertical	138	2.02	-	12.82	27.64	3.88	-
AV	2.4113G	104.60	Inf	-Inf	31.52	3	Vertical	138	2.02	-	73.08	27.60	3.92	-
PK	2.3721G	56.61	74.00	-17.39	31.57	3	Vertical	138	2.02	-	25.04	27.71	3.86	-
PK	2.4112G	107.03	Inf	-Inf	31.52	3	Vertical	138	2.02	-	75.51	27.60	3.92	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2412MHz_TX

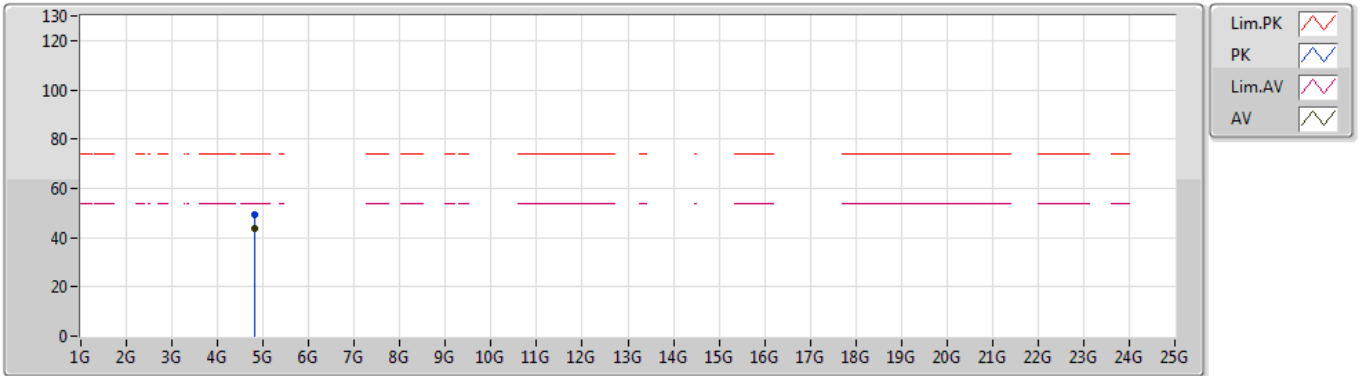


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	52.90	54.00	-1.10	31.52	3	Horizontal	338	1.04	-	21.38	27.64	3.88	-
AV	2.4112G	113.16	Inf	-Inf	31.52	3	Horizontal	338	1.04	-	81.64	27.60	3.92	-
PK	2.3894G	62.92	74.00	-11.08	31.52	3	Horizontal	338	1.04	-	31.40	27.64	3.88	-
PK	2.4125G	116.68	Inf	-Inf	31.52	3	Horizontal	338	1.04	-	85.16	27.60	3.92	-

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2412MHz_TX

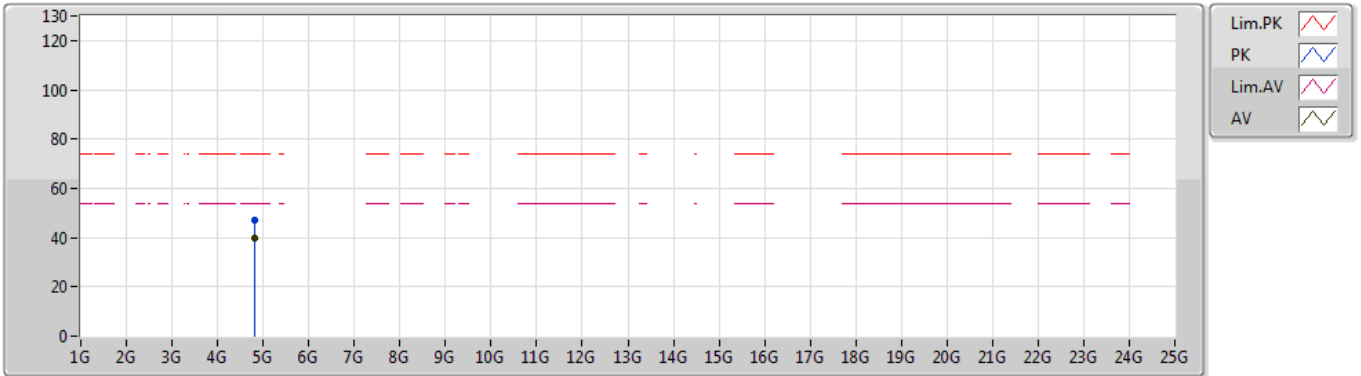


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.82403G	43.61	54.00	-10.39	1.58	3	Vertical	86	2.97	-	42.03	31.20	5.31	34.93
PK	4.82408G	49.33	74.00	-24.67	1.58	3	Vertical	86	2.97	-	47.75	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2412MHz_TX

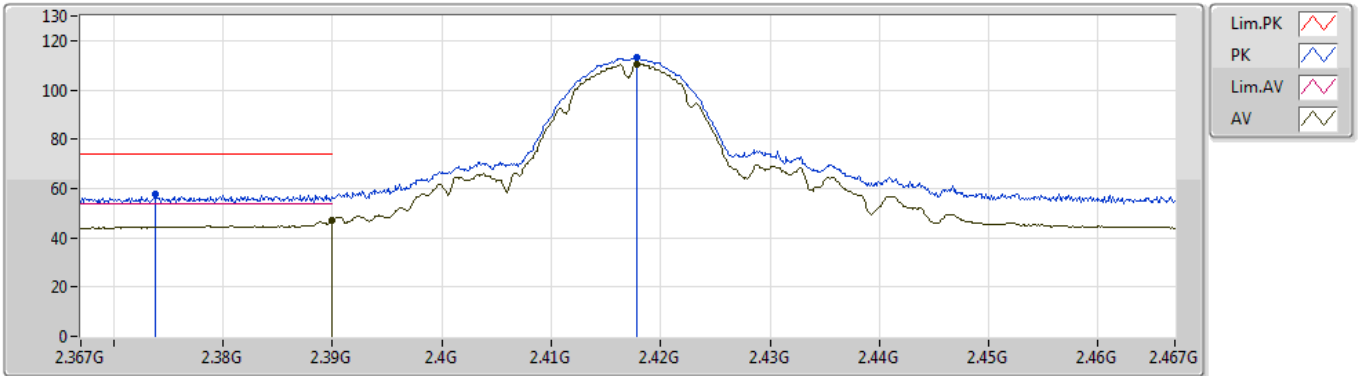


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.82408G	39.54	54.00	-14.46	1.58	3	Horizontal	167	1.73	-	37.96	31.20	5.31	34.93
PK	4.82401G	46.79	74.00	-27.21	1.58	3	Horizontal	167	1.73	-	45.21	31.20	5.31	34.93

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2417MHz_TX

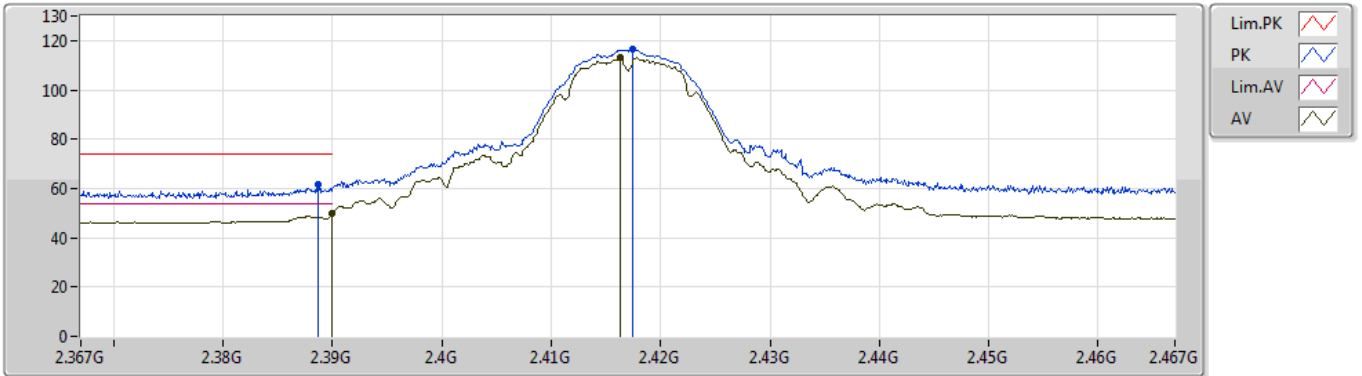


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.17	54.00	-6.83	31.52	3	Vertical	252	2.89	-	15.65	27.64	3.88	-
AV	2.4178G	110.54	Inf	-Inf	31.53	3	Vertical	252	2.89	-	79.01	27.60	3.93	-
PK	2.3738G	57.55	74.00	-16.45	31.56	3	Vertical	252	2.89	-	25.99	27.70	3.86	-
PK	2.4178G	113.03	Inf	-Inf	31.53	3	Vertical	252	2.89	-	81.50	27.60	3.93	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2417MHz_TX

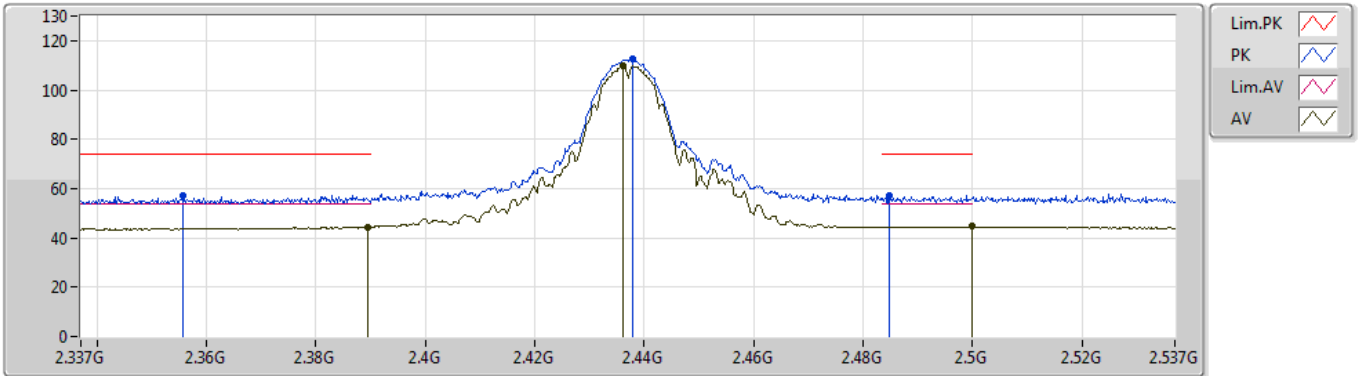


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.05	54.00	-3.95	31.52	3	Horizontal	5	1.27	-	18.53	27.64	3.88	-
AV	2.4163G	113.08	Inf	-Inf	31.52	3	Horizontal	5	1.27	-	81.56	27.60	3.92	-
PK	2.3887G	61.55	74.00	-12.45	31.53	3	Horizontal	5	1.27	-	30.02	27.65	3.88	-
PK	2.4175G	116.62	Inf	-Inf	31.53	3	Horizontal	5	1.27	-	85.09	27.60	3.93	-

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2437MHz_TX

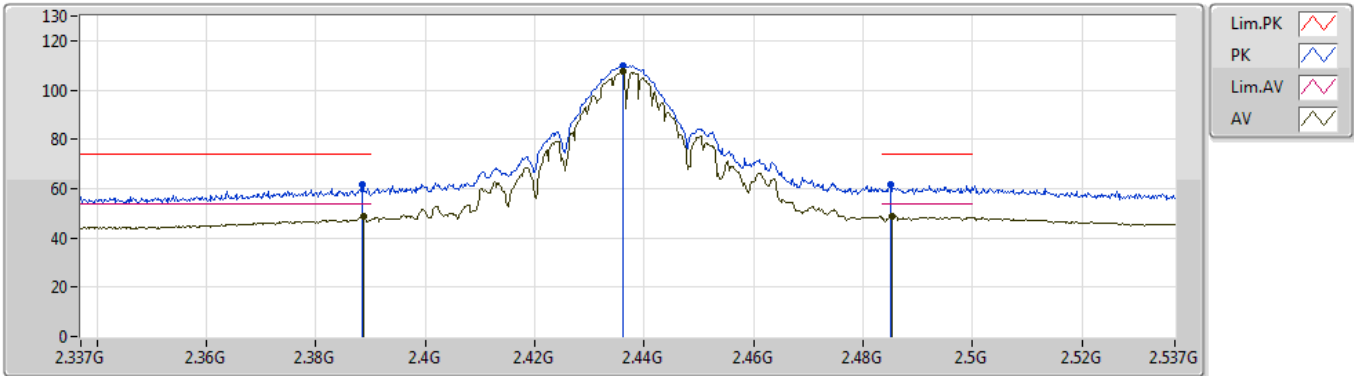


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	44.49	54.00	-9.51	31.52	3	Vertical	244	2.14	-	12.97	27.64	3.88	-
AV	2.4362G	110.00	Inf	-Inf	31.55	3	Vertical	244	2.14	-	78.45	27.60	3.95	-
AV	2.5G	44.86	54.00	-9.14	31.65	3	Vertical	244	2.14	-	13.21	27.60	4.05	-
PK	2.3556G	57.41	74.00	-16.59	31.61	3	Vertical	244	2.14	-	25.80	27.78	3.83	-
PK	2.438G	112.41	Inf	-Inf	31.56	3	Vertical	244	2.14	-	80.85	27.60	3.96	-
PK	2.4848G	57.01	74.00	-16.99	31.63	3	Vertical	244	2.14	-	25.38	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2437MHz_TX

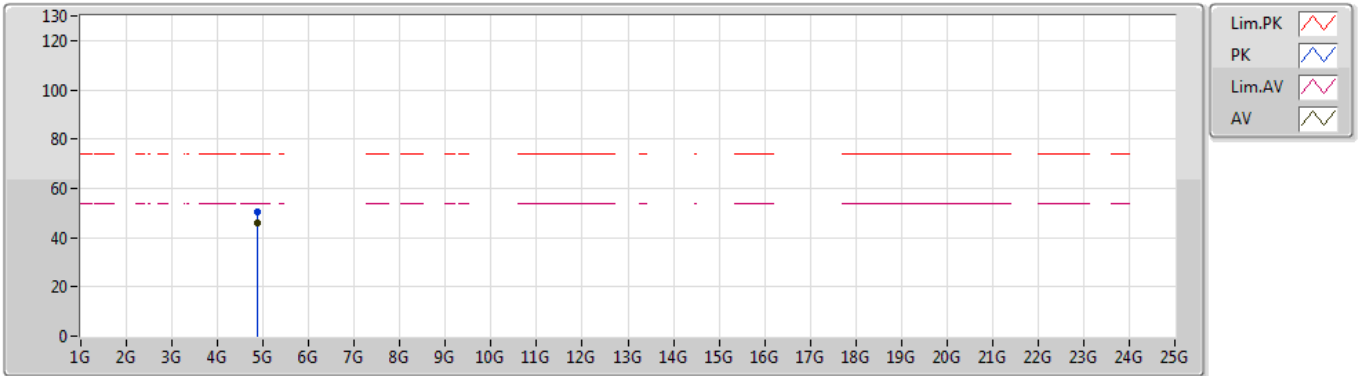


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3886G	48.48	54.00	-5.52	31.53	3	Horizontal	7	1.50	-	16.95	27.65	3.88	-
AV	2.4362G	107.55	Inf	-Inf	31.55	3	Horizontal	7	1.50	-	76.00	27.60	3.95	-
AV	2.4854G	49.00	54.00	-5.00	31.63	3	Horizontal	7	1.50	-	17.37	27.60	4.03	-
PK	2.3884G	61.42	74.00	-12.58	31.53	3	Horizontal	7	1.50	-	29.89	27.65	3.88	-
PK	2.436G	110.09	Inf	-Inf	31.55	3	Horizontal	7	1.50	-	78.54	27.60	3.95	-
PK	2.485G	61.74	74.00	-12.26	31.63	3	Horizontal	7	1.50	-	30.11	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2437MHz_TX

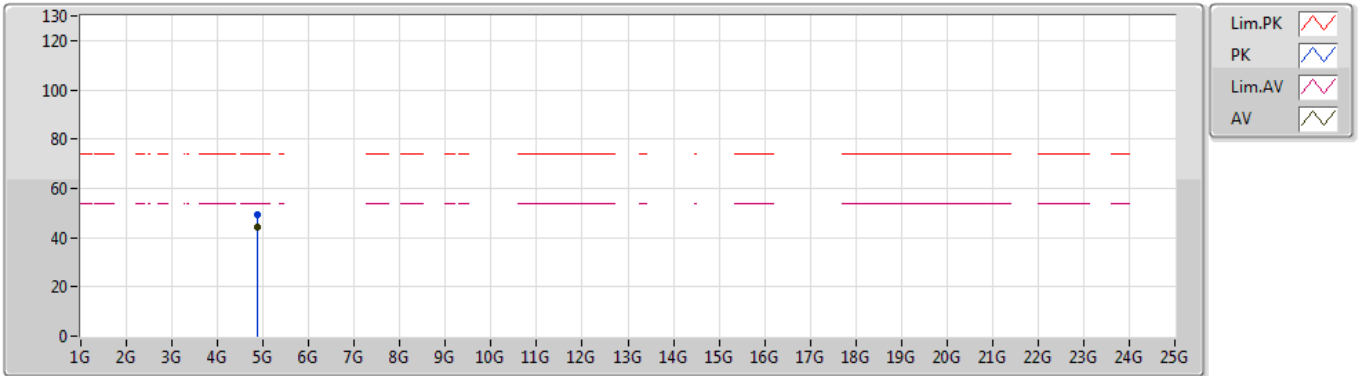


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.87407G	45.92	54.00	-8.08	1.66	3	Vertical	11	2.34	-	44.26	31.25	5.34	34.93
PK	4.87399G	50.29	74.00	-23.71	1.66	3	Vertical	11	2.34	-	48.63	31.25	5.34	34.93

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2437MHz_TX

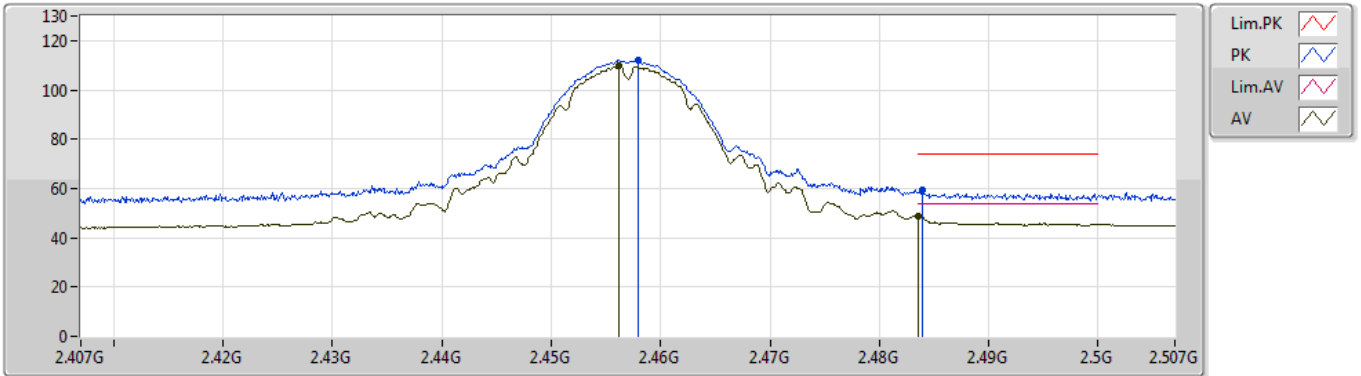


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.8741G	44.09	54.00	-9.91	1.66	3	Horizontal	145	1.53	-	42.43	31.25	5.34	34.93
PK	4.87401G	49.09	74.00	-24.91	1.66	3	Horizontal	145	1.53	-	47.43	31.25	5.34	34.93

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2457MHz_TX

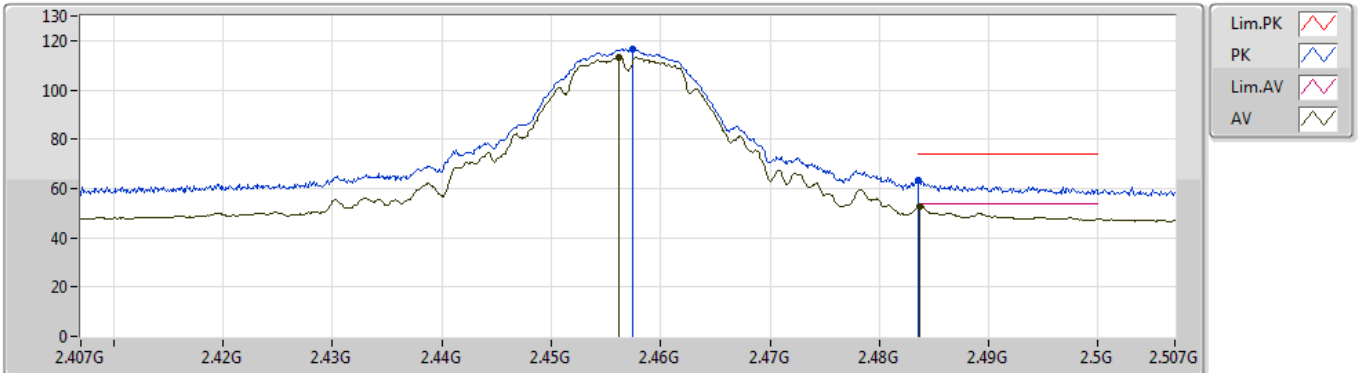


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	109.67	Inf	-Inf	31.58	3	Vertical	228	2.77	-	78.09	27.60	3.98	-
AV	2.4836G	49.01	54.00	-4.99	31.63	3	Vertical	228	2.77	-	17.38	27.60	4.03	-
PK	2.4579G	111.85	Inf	-Inf	31.59	3	Vertical	228	2.77	-	80.26	27.60	3.99	-
PK	2.4839G	59.16	74.00	-14.84	31.63	3	Vertical	228	2.77	-	27.53	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2457MHz_TX

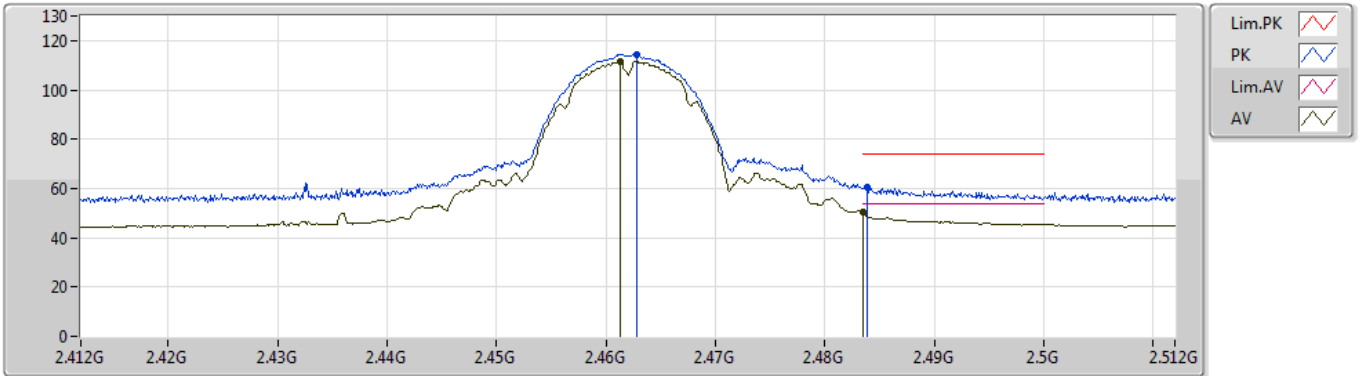


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4562G	113.42	Inf	-Inf	31.58	3	Horizontal	348	2.28	-	81.84	27.60	3.98	-
AV	2.4837G	52.92	54.00	-1.08	31.63	3	Horizontal	348	2.28	-	21.29	27.60	4.03	-
PK	2.4575G	116.76	Inf	-Inf	31.59	3	Horizontal	348	2.28	-	85.17	27.60	3.99	-
PK	2.4836G	63.28	74.00	-10.72	31.63	3	Horizontal	348	2.28	-	31.65	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2462MHz_TX

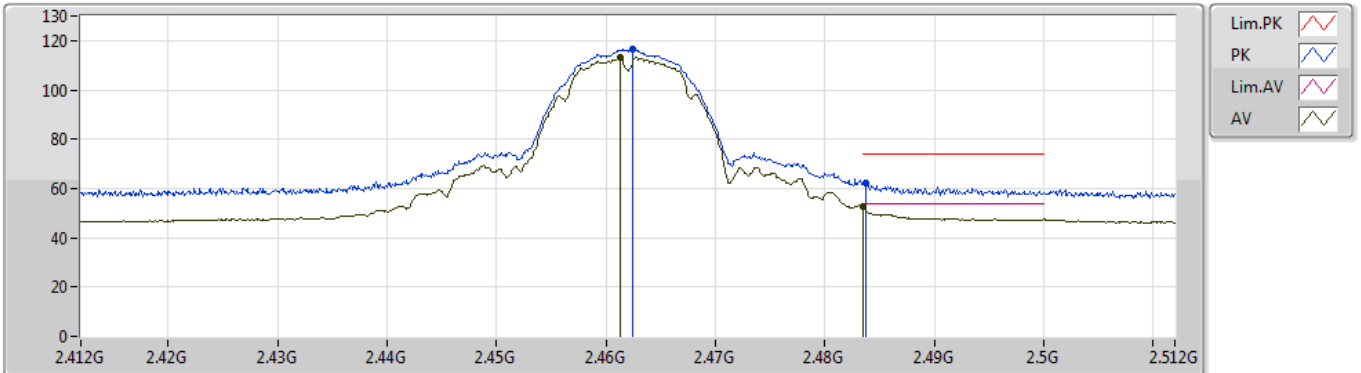


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4613G	111.77	Inf	-Inf	31.59	3	Vertical	87	3.00	-	80.18	27.60	3.99	-
AV	2.4835G	50.55	54.00	-3.45	31.63	3	Vertical	87	3.00	-	18.92	27.60	4.03	-
PK	2.4628G	114.40	Inf	-Inf	31.59	3	Vertical	87	3.00	-	82.81	27.60	3.99	-
PK	2.4839G	60.37	74.00	-13.63	31.63	3	Vertical	87	3.00	-	28.74	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

03/11/2020

2462MHz_TX

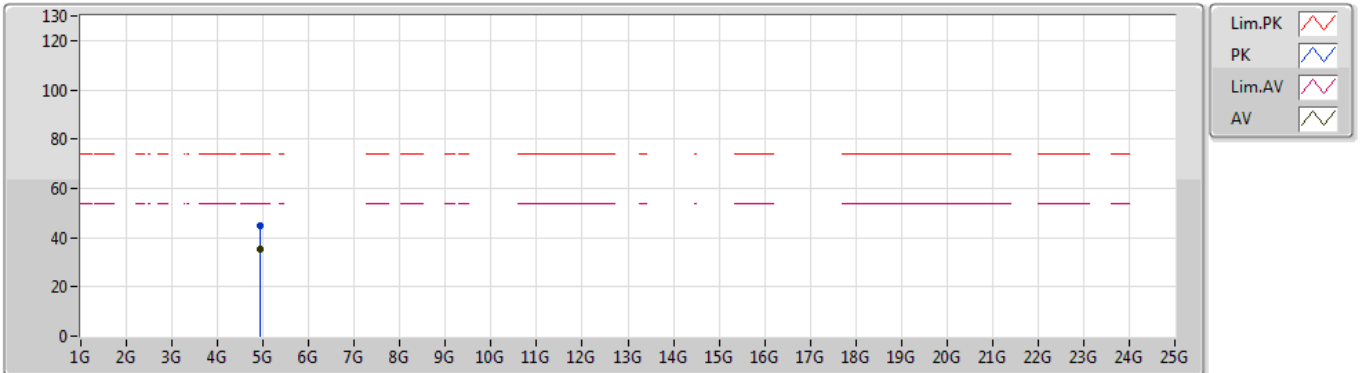


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4613G	113.22	Inf	-Inf	31.59	3	Horizontal	315	1.09	-	81.63	27.60	3.99	-
AV	2.4835G	52.49	54.00	-1.51	31.63	3	Horizontal	315	1.09	-	20.86	27.60	4.03	-
PK	2.4625G	116.58	Inf	-Inf	31.59	3	Horizontal	315	1.09	-	84.99	27.60	3.99	-
PK	2.4837G	62.21	74.00	-11.79	31.63	3	Horizontal	315	1.09	-	30.58	27.60	4.03	-

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2462MHz_TX

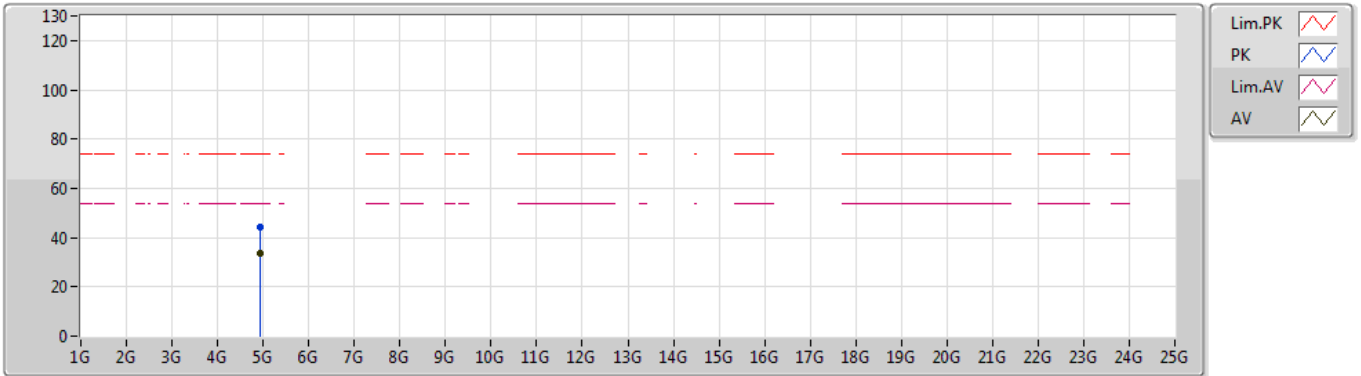


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92395G	35.36	54.00	-18.64	1.72	3	Vertical	1	2.57	-	33.64	31.30	5.36	34.94
PK	4.9239G	44.81	74.00	-29.19	1.72	3	Vertical	1	2.57	-	43.09	31.30	5.36	34.94

802.11b_Nss1,(1Mbps)_3TX

02/11/2020

2462MHz_TX

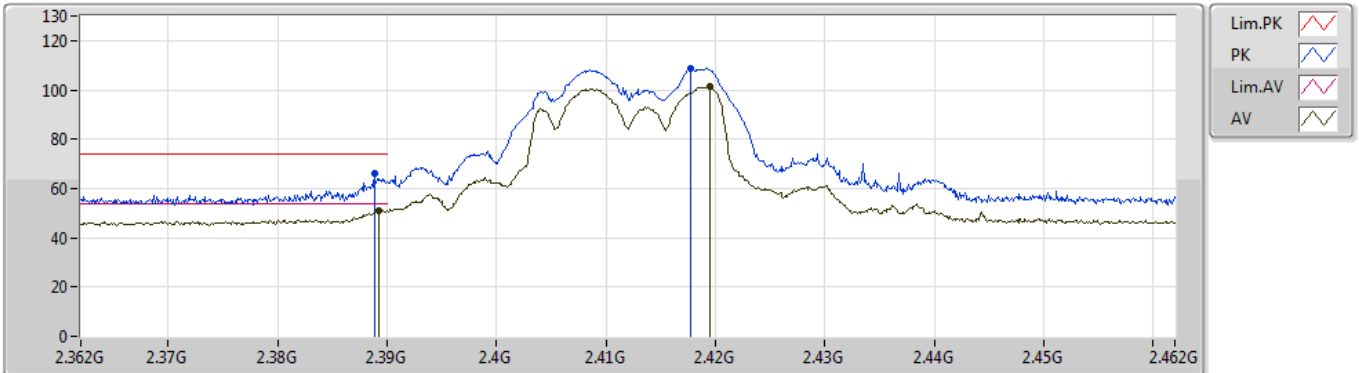


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92398G	33.85	54.00	-20.15	1.72	3	Horizontal	119	1.46	-	32.13	31.30	5.36	34.94
PK	4.92384G	44.40	74.00	-29.60	1.72	3	Horizontal	119	1.46	-	42.68	31.30	5.36	34.94

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2412MHz_TX

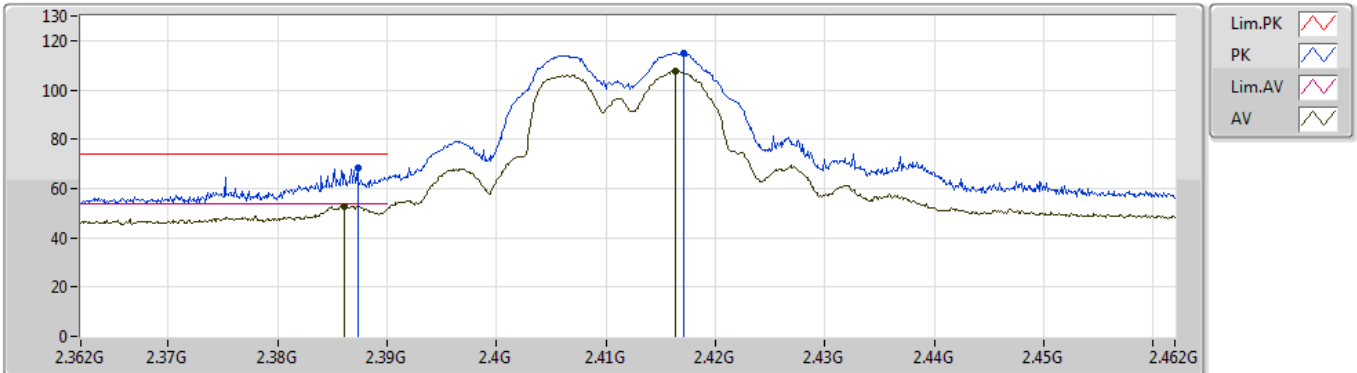


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	51.20	54.00	-2.80	31.52	3	Vertical	227	2.86	-	19.68	27.64	3.88	-
AV	2.4195G	101.30	Inf	-Inf	31.53	3	Vertical	227	2.86	-	69.77	27.60	3.93	-
PK	2.3888G	66.35	74.00	-7.65	31.52	3	Vertical	227	2.86	-	34.83	27.64	3.88	-
PK	2.4177G	108.62	Inf	-Inf	31.53	3	Vertical	227	2.86	-	77.09	27.60	3.93	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2412MHz_TX

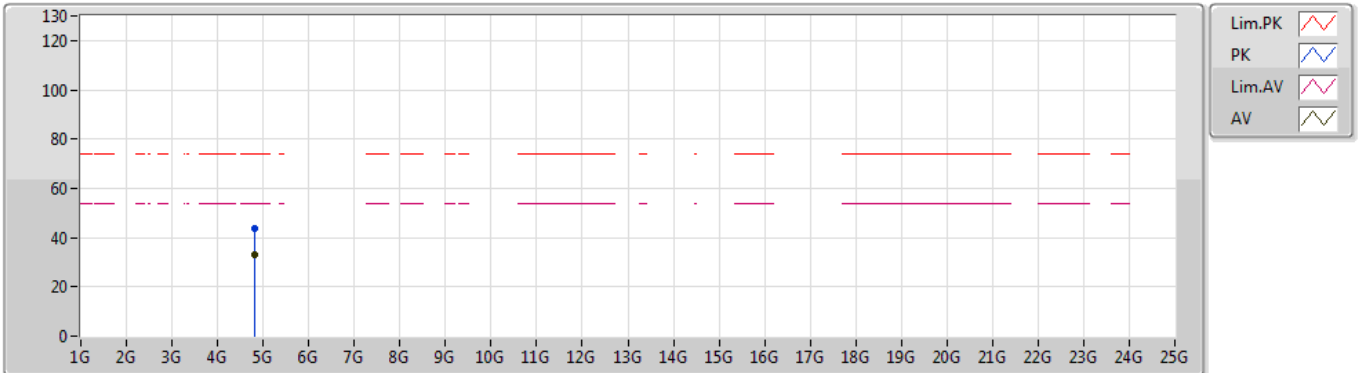


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3861G	52.89	54.00	-1.11	31.54	3	Horizontal	342	2.84	-	21.35	27.66	3.88	-
AV	2.4164G	107.56	Inf	-Inf	31.52	3	Horizontal	342	2.84	-	76.04	27.60	3.92	-
PK	2.3873G	68.62	74.00	-5.38	31.53	3	Horizontal	342	2.84	-	37.09	27.65	3.88	-
PK	2.4171G	115.14	Inf	-Inf	31.53	3	Horizontal	342	2.84	-	83.61	27.60	3.93	-

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2412MHz_TX

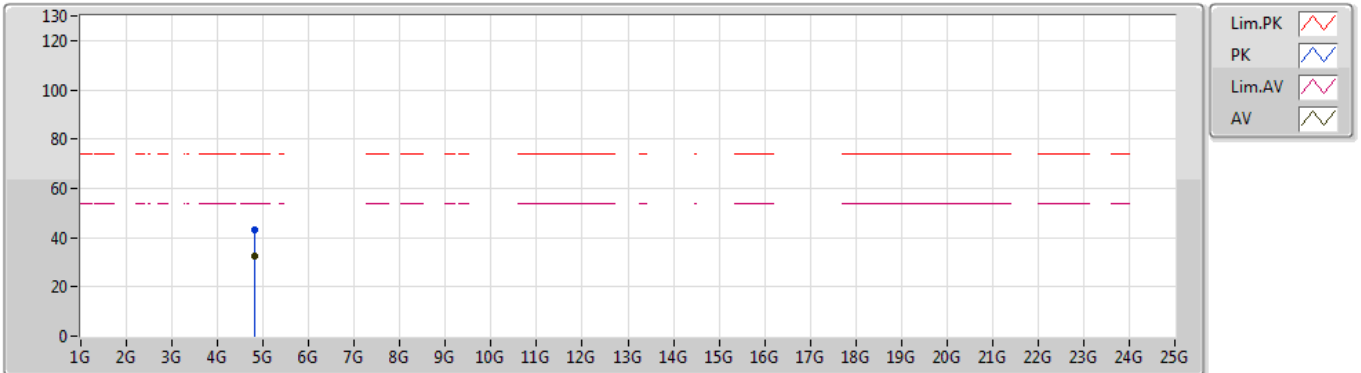


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.82061G	32.89	54.00	-21.11	1.56	3	Vertical	131	1.32	-	31.33	31.18	5.31	34.93
PK	4.82697G	43.98	74.00	-30.02	1.59	3	Vertical	131	1.32	-	42.39	31.21	5.31	34.93

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2412MHz_TX

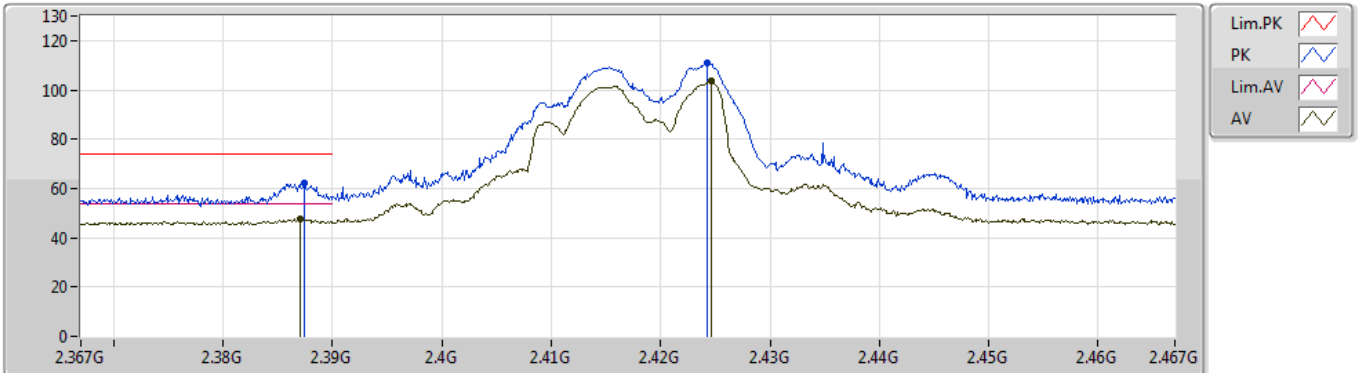


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.82679G	32.50	54.00	-21.50	1.59	3	Horizontal	218	1.50	-	30.91	31.21	5.31	34.93
PK	4.82345G	43.05	74.00	-30.95	1.57	3	Horizontal	218	1.50	-	41.48	31.19	5.31	34.93

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2417MHz_TX

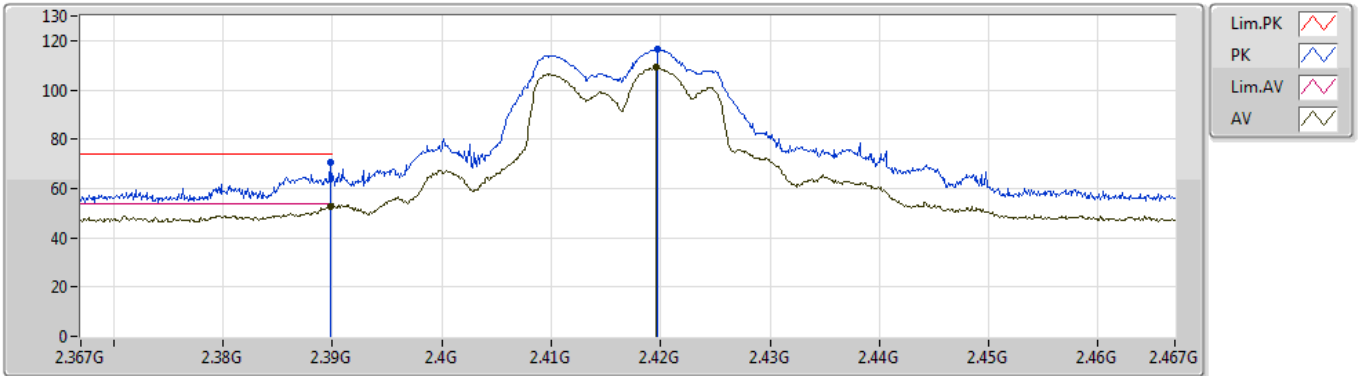


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	47.74	54.00	-6.26	31.53	3	Vertical	250	2.87	-	16.21	27.65	3.88	-
AV	2.4246G	103.42	Inf	-Inf	31.54	3	Vertical	250	2.87	-	71.88	27.60	3.94	-
PK	2.3874G	61.93	74.00	-12.07	31.53	3	Vertical	250	2.87	-	30.40	27.65	3.88	-
PK	2.4242G	110.76	Inf	-Inf	31.54	3	Vertical	250	2.87	-	79.22	27.60	3.94	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2417MHz_TX

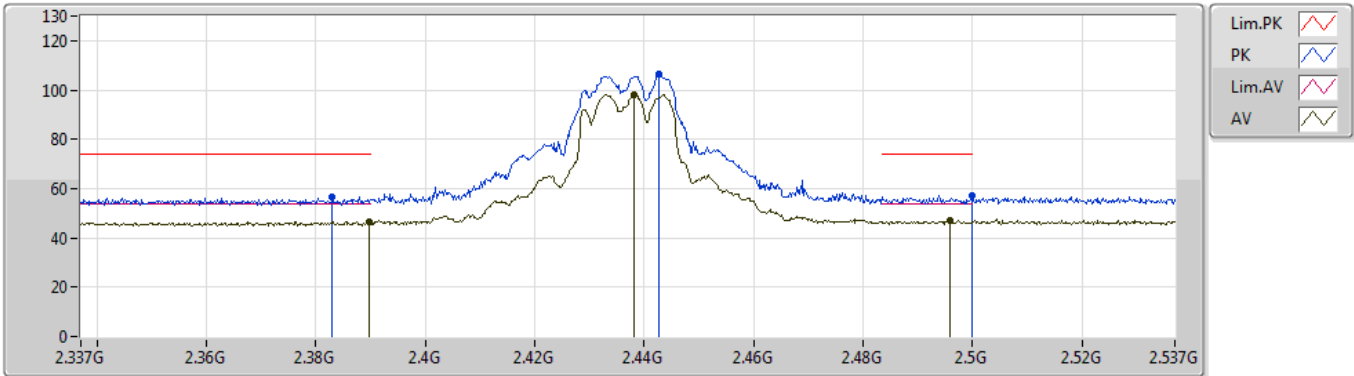


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.93	54.00	-1.07	31.52	3	Horizontal	0	1.28	-	21.41	27.64	3.88	-
AV	2.4196G	109.08	Inf	-Inf	31.53	3	Horizontal	0	1.28	-	77.55	27.60	3.93	-
PK	2.3898G	70.75	74.00	-3.25	31.52	3	Horizontal	0	1.28	-	39.23	27.64	3.88	-
PK	2.4197G	116.62	Inf	-Inf	31.53	3	Horizontal	0	1.28	-	85.09	27.60	3.93	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2437MHz_TX

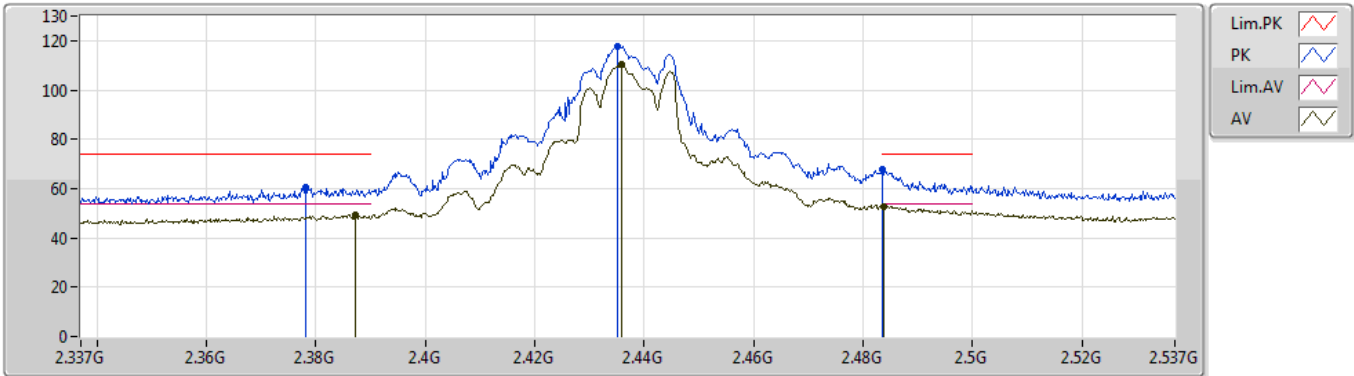


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	46.50	54.00	-7.50	31.52	3	Vertical	144	1.08	-	14.98	27.64	3.88	-
AV	2.4382G	98.15	Inf	-Inf	31.56	3	Vertical	144	1.08	-	66.59	27.60	3.96	-
AV	2.496G	47.10	54.00	-6.90	31.64	3	Vertical	144	1.08	-	15.46	27.60	4.04	-
PK	2.383G	56.71	74.00	-17.29	31.54	3	Vertical	144	1.08	-	25.17	27.67	3.87	-
PK	2.4426G	106.49	Inf	-Inf	31.56	3	Vertical	144	1.08	-	74.93	27.60	3.96	-
PK	2.4998G	57.33	74.00	-16.67	31.65	3	Vertical	144	1.08	-	25.68	27.60	4.05	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2437MHz_TX

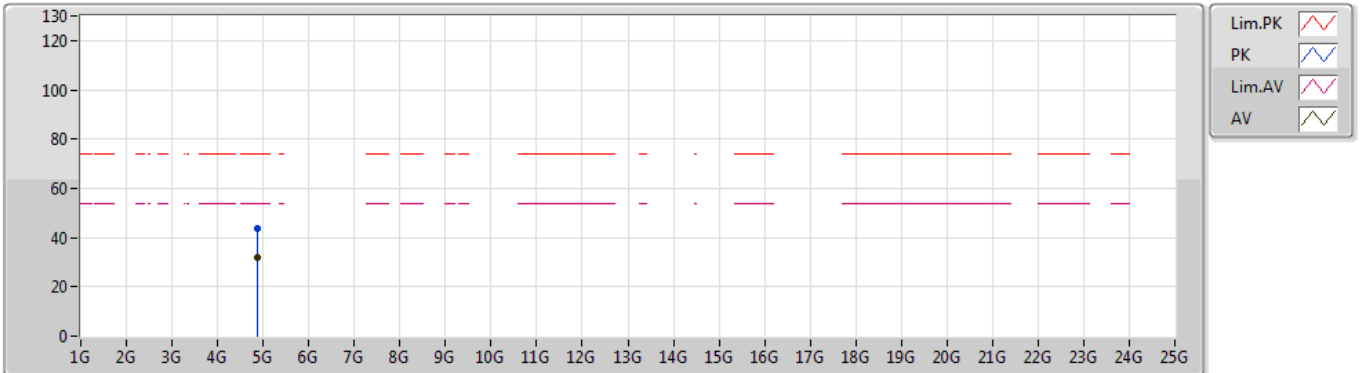


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3872G	49.38	54.00	-4.62	31.53	3	Horizontal	351	1.62	-	17.85	27.65	3.88	-
AV	2.4358G	110.40	Inf	-Inf	31.55	3	Horizontal	351	1.62	-	78.85	27.60	3.95	-
AV	2.4838G	52.89	54.00	-1.11	31.63	3	Horizontal	351	1.62	-	21.26	27.60	4.03	-
PK	2.378G	60.29	74.00	-13.71	31.56	3	Horizontal	351	1.62	-	28.73	27.69	3.87	-
PK	2.435G	117.74	Inf	-Inf	31.55	3	Horizontal	351	1.62	-	86.19	27.60	3.95	-
PK	2.4835G	67.95	74.00	-6.05	31.63	3	Horizontal	351	1.62	-	36.32	27.60	4.03	-

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2437MHz_TX

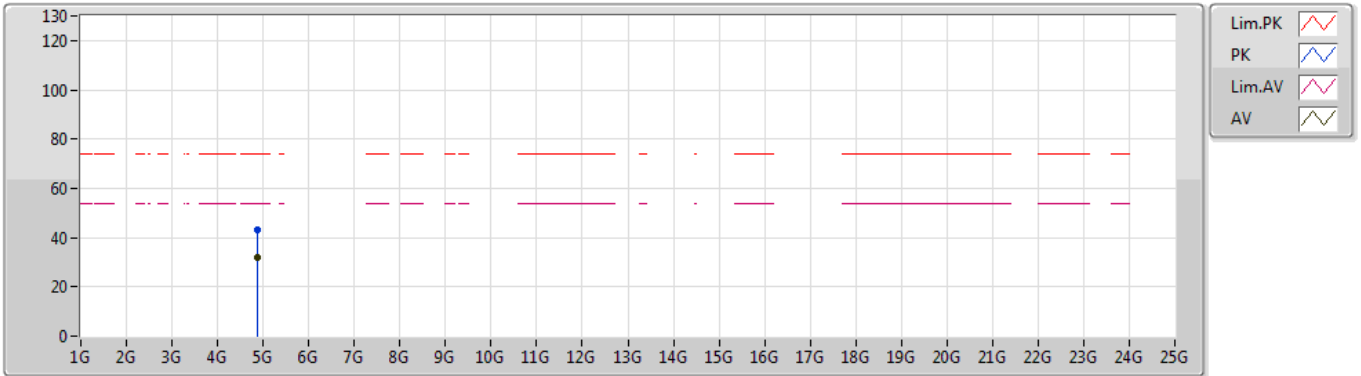


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.87807G	32.06	54.00	-21.94	1.65	3	Vertical	242	1.05	-	30.41	31.24	5.34	34.93
PK	4.87004G	43.53	74.00	-30.47	1.67	3	Vertical	242	1.05	-	41.86	31.26	5.34	34.93

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2437MHz_TX

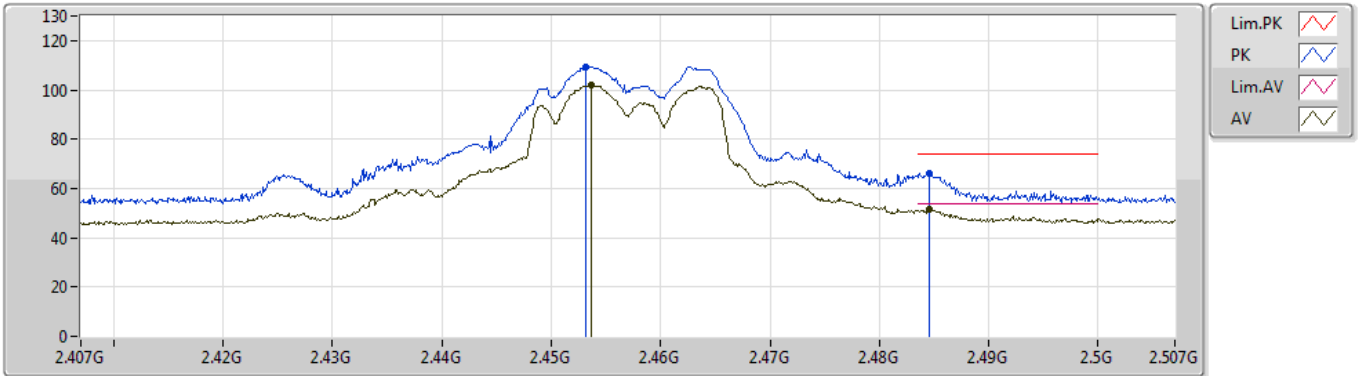


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.87554G	32.06	54.00	-21.94	1.66	3	Horizontal	124	2.60	-	30.40	31.25	5.34	34.93
PK	4.87747G	43.01	74.00	-30.99	1.66	3	Horizontal	124	2.60	-	41.35	31.25	5.34	34.93

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2457MHz_TX

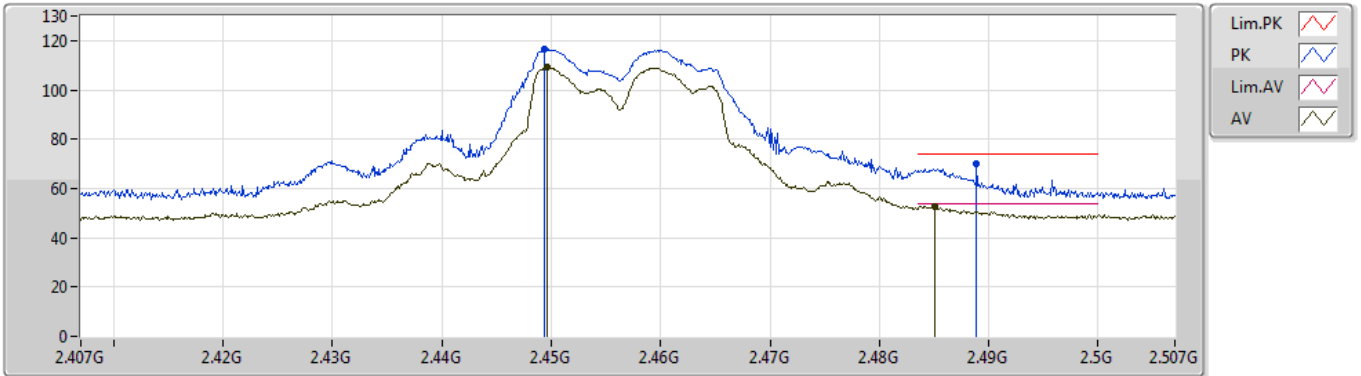


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4536G	101.87	Inf	-Inf	31.58	3	Vertical	227	2.78	-	70.29	27.60	3.98	-
AV	2.4845G	51.51	54.00	-2.49	31.63	3	Vertical	227	2.78	-	19.88	27.60	4.03	-
PK	2.4532G	109.41	Inf	-Inf	31.58	3	Vertical	227	2.78	-	77.83	27.60	3.98	-
PK	2.4845G	66.14	74.00	-7.86	31.63	3	Vertical	227	2.78	-	34.51	27.60	4.03	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2457MHz_TX

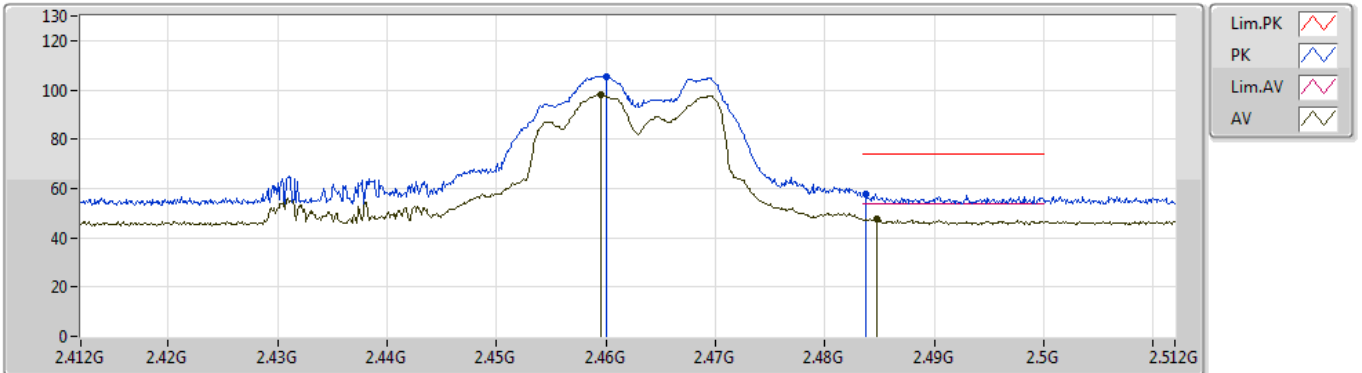


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4496G	109.30	Inf	-Inf	31.57	3	Horizontal	1	1.46	-	77.73	27.60	3.97	-
AV	2.485G	52.84	54.00	-1.16	31.63	3	Horizontal	1	1.46	-	21.21	27.60	4.03	-
PK	2.4494G	116.68	Inf	-Inf	31.57	3	Horizontal	1	1.46	-	85.11	27.60	3.97	-
PK	2.4889G	69.87	74.00	-4.13	31.63	3	Horizontal	1	1.46	-	38.24	27.60	4.03	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2462MHz_TX

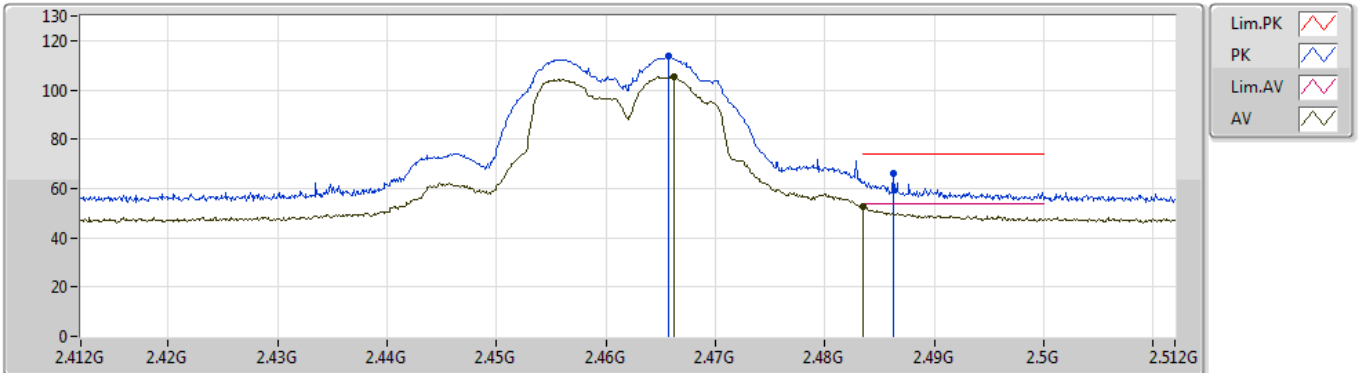


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4596G	98.19	Inf	-Inf	31.59	3	Vertical	233	2.51	-	66.60	27.60	3.99	-
AV	2.4848G	47.52	54.00	-6.48	31.63	3	Vertical	233	2.51	-	15.89	27.60	4.03	-
PK	2.4601G	105.51	Inf	-Inf	31.59	3	Vertical	233	2.51	-	73.92	27.60	3.99	-
PK	2.4837G	57.95	74.00	-16.05	31.63	3	Vertical	233	2.51	-	26.32	27.60	4.03	-

802.11g_Nss1,(6Mbps)_3TX

03/11/2020

2462MHz_TX

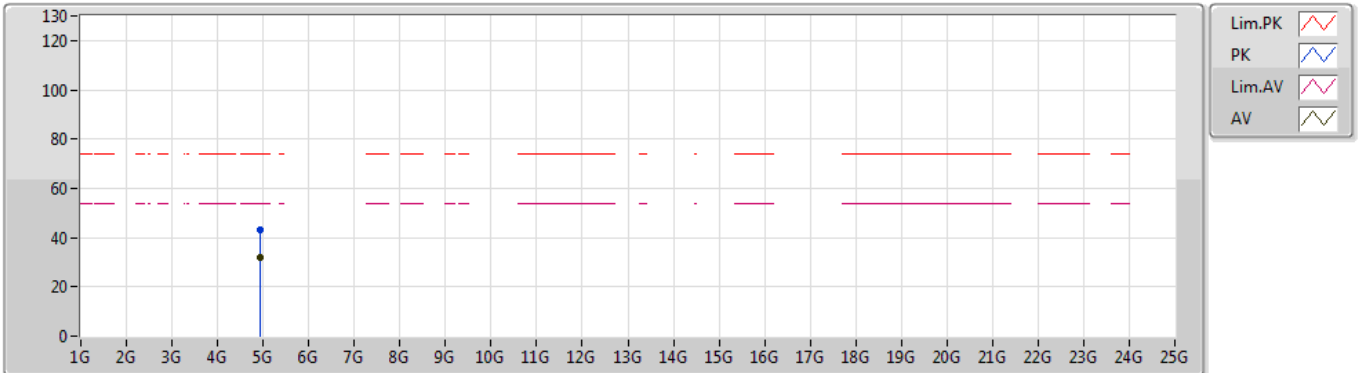


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4662G	105.29	Inf	-Inf	31.60	3	Horizontal	352	2.77	-	73.69	27.60	4.00	-
AV	2.4835G	52.45	54.00	-1.55	31.63	3	Horizontal	352	2.77	-	20.82	27.60	4.03	-
PK	2.4657G	113.57	Inf	-Inf	31.60	3	Horizontal	352	2.77	-	81.97	27.60	4.00	-
PK	2.4863G	66.27	74.00	-7.73	31.63	3	Horizontal	352	2.77	-	34.64	27.60	4.03	-

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2462MHz_TX

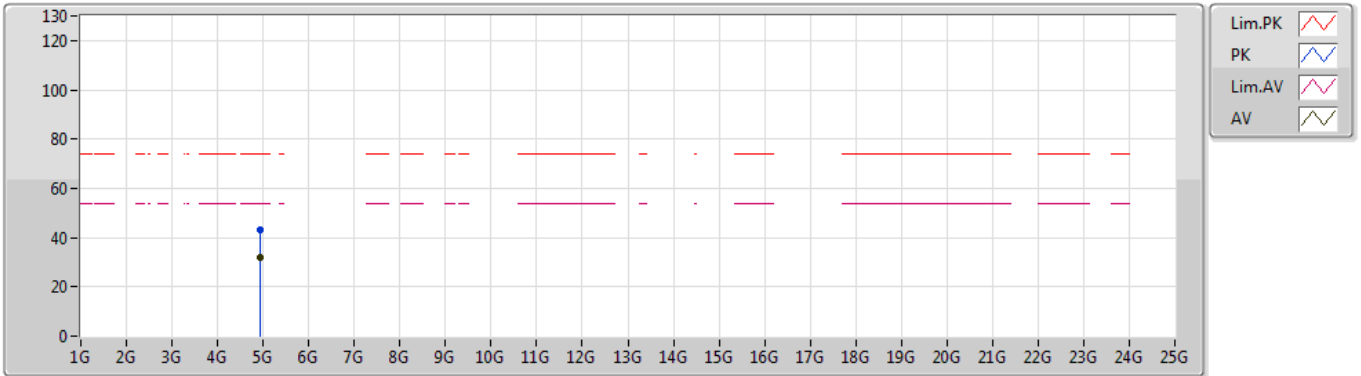


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92685G	32.10	54.00	-21.90	1.73	3	Vertical	267	2.60	-	30.37	31.31	5.36	34.94
PK	4.92341G	43.11	74.00	-30.89	1.71	3	Vertical	267	2.60	-	41.40	31.29	5.36	34.94

802.11g_Nss1,(6Mbps)_3TX

02/11/2020

2462MHz_TX

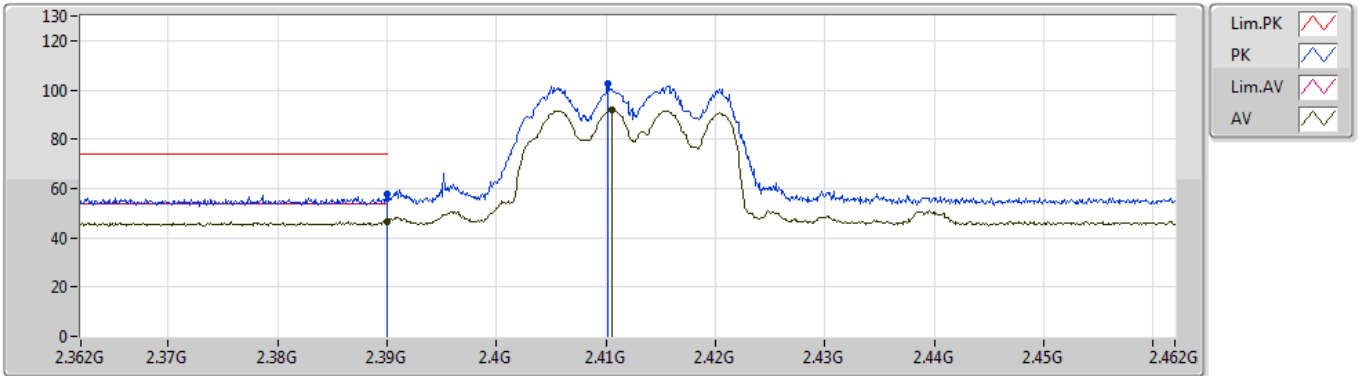


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.9281G	31.88	54.00	-22.12	1.73	3	Horizontal	67	2.81	-	30.15	31.31	5.36	34.94
PK	4.92848G	42.98	74.00	-31.02	1.73	3	Horizontal	67	2.81	-	41.25	31.31	5.36	34.94

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2412MHz_TX

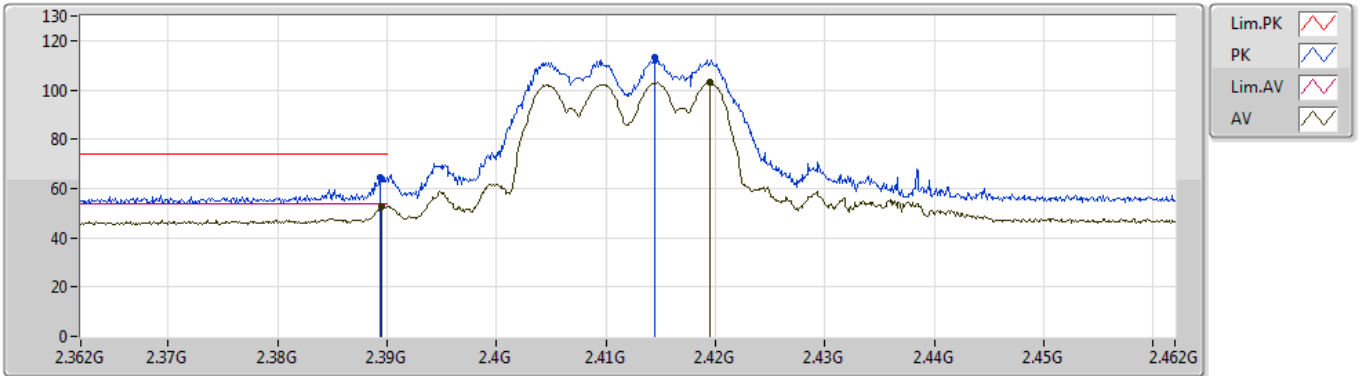


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	46.75	54.00	-7.25	31.52	3	Vertical	142	1.28	-	15.23	27.64	3.88	-
AV	2.4105G	91.91	Inf	-Inf	31.52	3	Vertical	142	1.28	-	60.39	27.60	3.92	-
PK	2.39G	57.44	74.00	-16.56	31.52	3	Vertical	142	1.28	-	25.92	27.64	3.88	-
PK	2.4102G	102.43	Inf	-Inf	31.52	3	Vertical	142	1.28	-	70.91	27.60	3.92	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2412MHz_TX

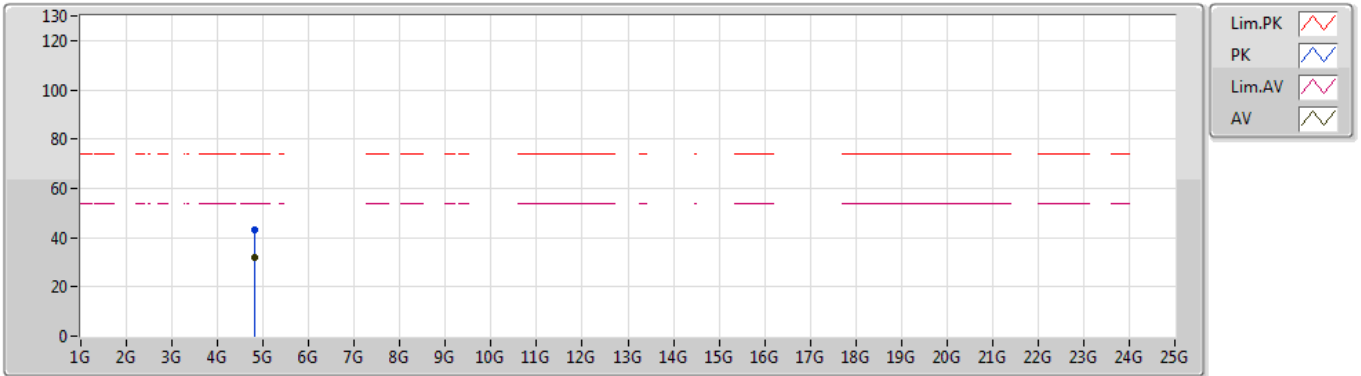


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3895G	52.70	54.00	-1.30	31.52	3	Horizontal	335	2.89	-	21.18	27.64	3.88	-
AV	2.4195G	103.24	Inf	-Inf	31.53	3	Horizontal	335	2.89	-	71.71	27.60	3.93	-
PK	2.3894G	64.23	74.00	-9.77	31.52	3	Horizontal	335	2.89	-	32.71	27.64	3.88	-
PK	2.4144G	113.03	Inf	-Inf	31.52	3	Horizontal	335	2.89	-	81.51	27.60	3.92	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2412MHz_TX

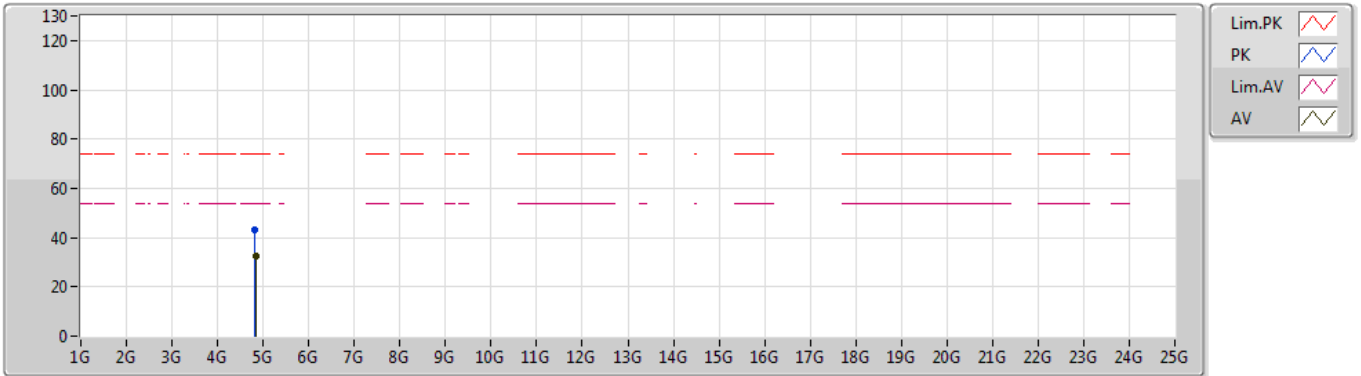


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.8278G	32.05	54.00	-21.95	1.59	3	Vertical	207	1.50	-	30.46	31.21	5.31	34.93
PK	4.8237G	43.42	74.00	-30.58	1.57	3	Vertical	207	1.50	-	41.85	31.19	5.31	34.93

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2412MHz_TX

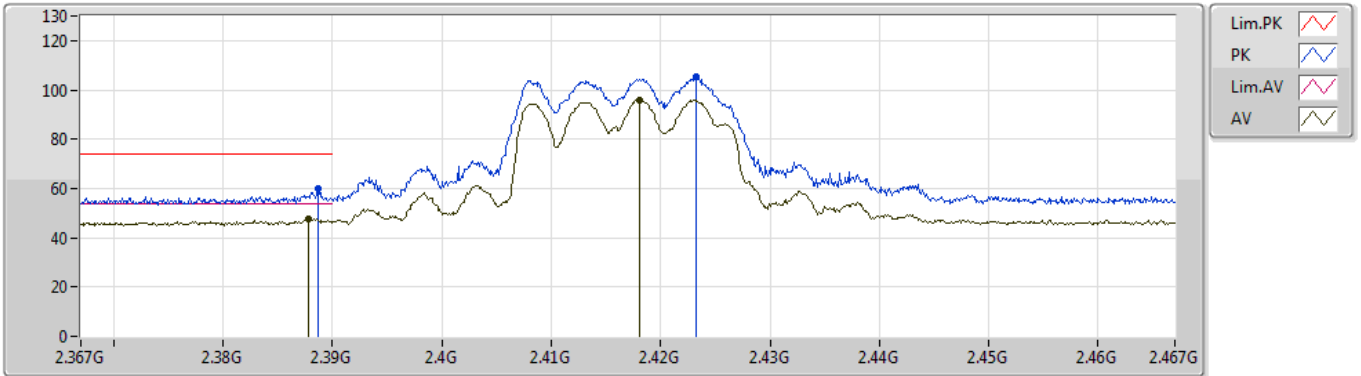


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.83286G	32.27	54.00	-21.73	1.62	3	Horizontal	60	2.64	-	30.65	31.23	5.32	34.93
PK	4.8262G	43.07	74.00	-30.93	1.58	3	Horizontal	60	2.64	-	41.49	31.20	5.31	34.93

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2417MHz_TX

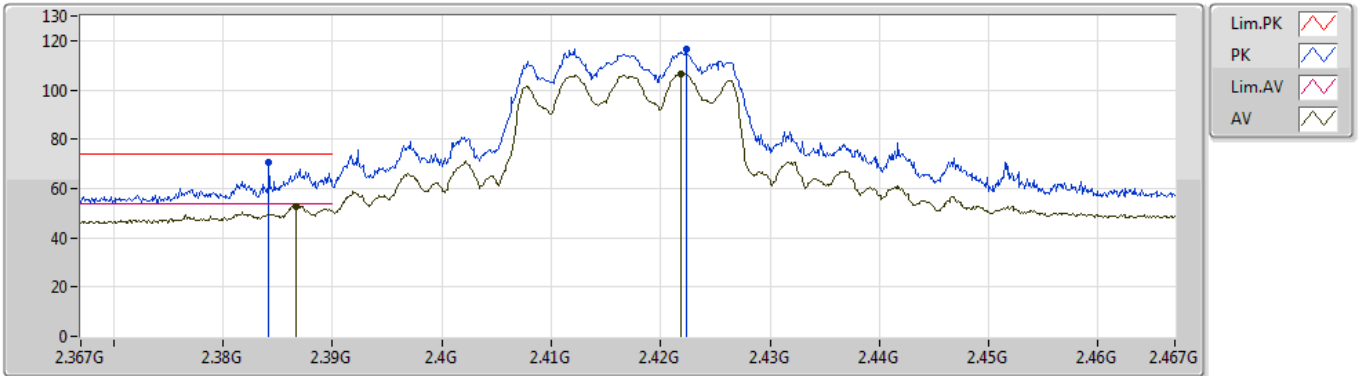


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3878G	47.69	54.00	-6.31	31.53	3	Vertical	142	1.20	-	16.16	27.65	3.88	-
AV	2.4181G	96.06	Inf	-Inf	31.53	3	Vertical	142	1.20	-	64.53	27.60	3.93	-
PK	2.3887G	59.73	74.00	-14.27	31.53	3	Vertical	142	1.20	-	28.20	27.65	3.88	-
PK	2.4232G	105.24	Inf	-Inf	31.53	3	Vertical	142	1.20	-	73.71	27.60	3.93	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2417MHz_TX

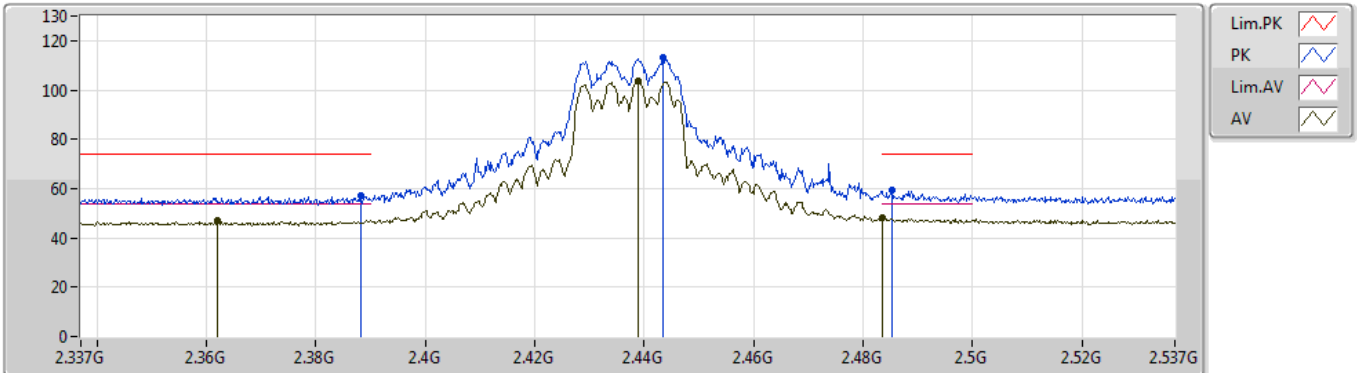


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3867G	52.83	54.00	-1.17	31.53	3	Horizontal	337	2.84	-	21.30	27.65	3.88	-
AV	2.4218G	106.62	Inf	-Inf	31.53	3	Horizontal	337	2.84	-	75.09	27.60	3.93	-
PK	2.3842G	70.66	74.00	-3.34	31.54	3	Horizontal	337	2.84	-	39.12	27.66	3.88	-
PK	2.4223G	116.52	Inf	-Inf	31.53	3	Horizontal	337	2.84	-	84.99	27.60	3.93	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

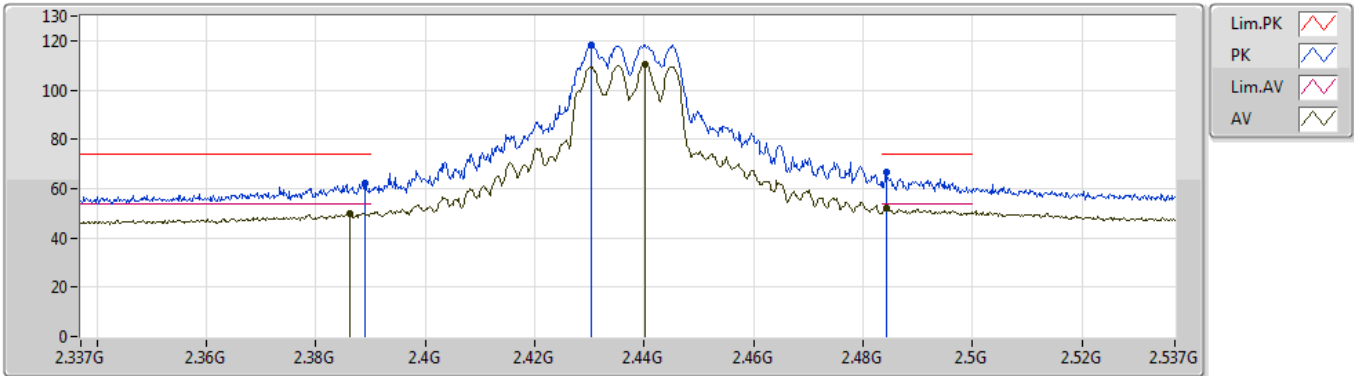


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.362G	47.08	54.00	-6.92	31.59	3	Vertical	227	2.82	-	15.49	27.75	3.84	-
AV	2.4388G	103.48	Inf	-Inf	31.56	3	Vertical	227	2.82	-	71.92	27.60	3.96	-
AV	2.4835G	48.10	54.00	-5.90	31.63	3	Vertical	227	2.82	-	16.47	27.60	4.03	-
PK	2.3882G	57.40	74.00	-16.60	31.53	3	Vertical	227	2.82	-	25.87	27.65	3.88	-
PK	2.4434G	112.94	Inf	-Inf	31.57	3	Vertical	227	2.82	-	81.37	27.60	3.97	-
PK	2.4854G	59.17	74.00	-14.83	31.63	3	Vertical	227	2.82	-	27.54	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

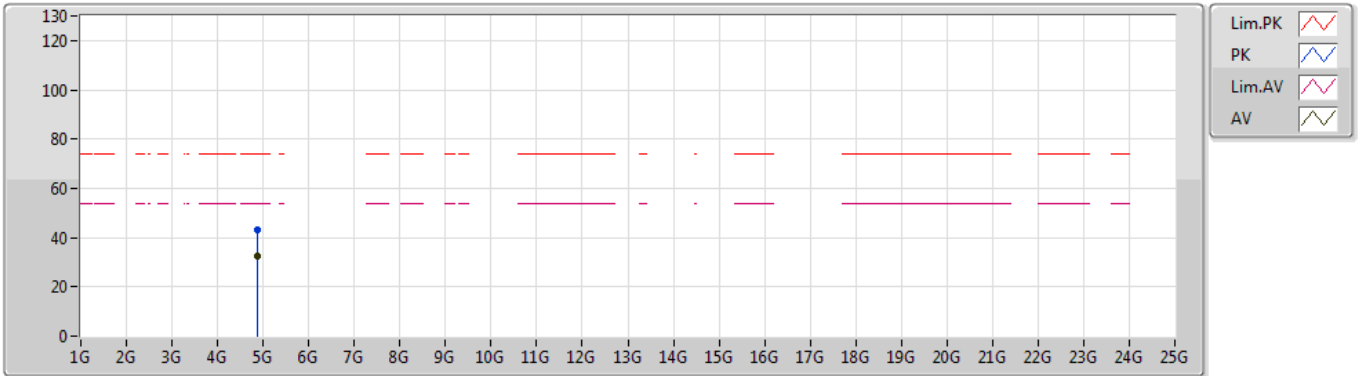


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3862G	50.03	54.00	-3.97	31.54	3	Horizontal	354	1.23	-	18.49	27.66	3.88	-
AV	2.4402G	110.25	Inf	-Inf	31.56	3	Horizontal	354	1.23	-	78.69	27.60	3.96	-
AV	2.4844G	52.25	54.00	-1.75	31.63	3	Horizontal	354	1.23	-	20.62	27.60	4.03	-
PK	2.389G	62.27	74.00	-11.73	31.52	3	Horizontal	354	1.23	-	30.75	27.64	3.88	-
PK	2.4304G	118.28	Inf	-Inf	31.55	3	Horizontal	354	1.23	-	86.73	27.60	3.95	-
PK	2.4842G	66.93	74.00	-7.07	31.63	3	Horizontal	354	1.23	-	35.30	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

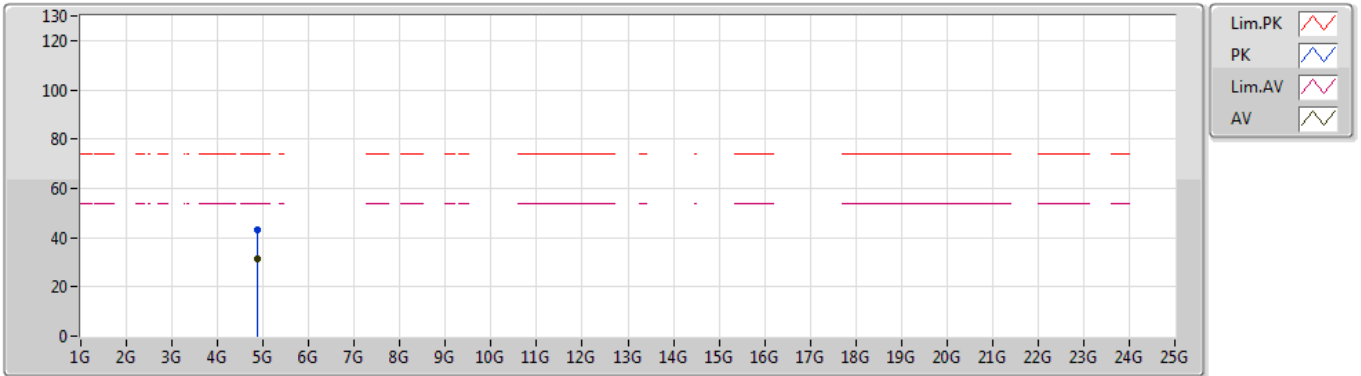


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.86921G	32.39	54.00	-21.61	1.66	3	Vertical	195	1.50	-	30.73	31.26	5.33	34.93
PK	4.87147G	43.35	74.00	-30.65	1.67	3	Vertical	195	1.50	-	41.68	31.26	5.34	34.93

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

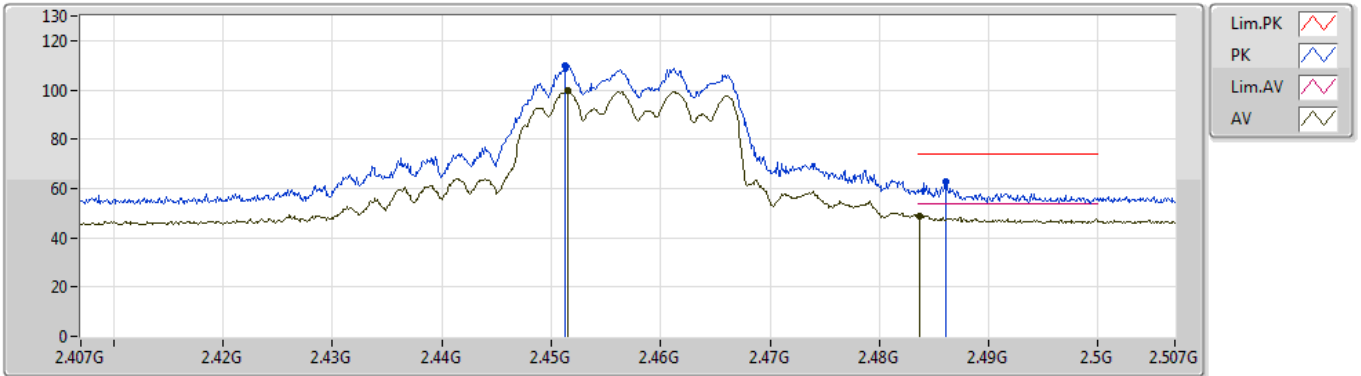


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.87193G	31.38	54.00	-22.62	1.67	3	Horizontal	100	1.50	-	29.71	31.26	5.34	34.93
PK	4.87604G	42.98	74.00	-31.02	1.66	3	Horizontal	100	1.50	-	41.32	31.25	5.34	34.93

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2457MHz_TX

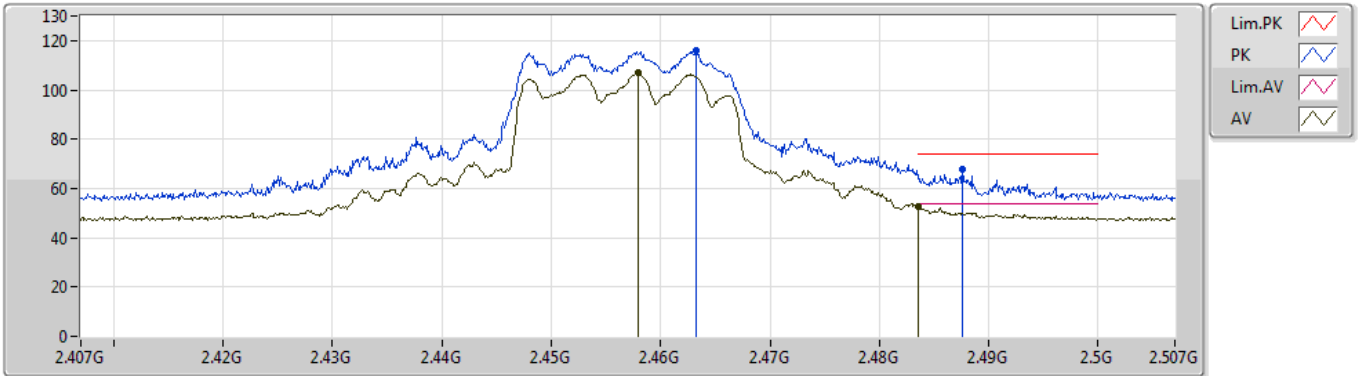


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4515G	99.55	Inf	-Inf	31.58	3	Vertical	224	2.79	-	67.97	27.60	3.98	-
AV	2.4837G	48.90	54.00	-5.10	31.63	3	Vertical	224	2.79	-	17.27	27.60	4.03	-
PK	2.4513G	109.70	Inf	-Inf	31.58	3	Vertical	224	2.79	-	78.12	27.60	3.98	-
PK	2.4861G	62.63	74.00	-11.37	31.63	3	Vertical	224	2.79	-	31.00	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2457MHz_TX

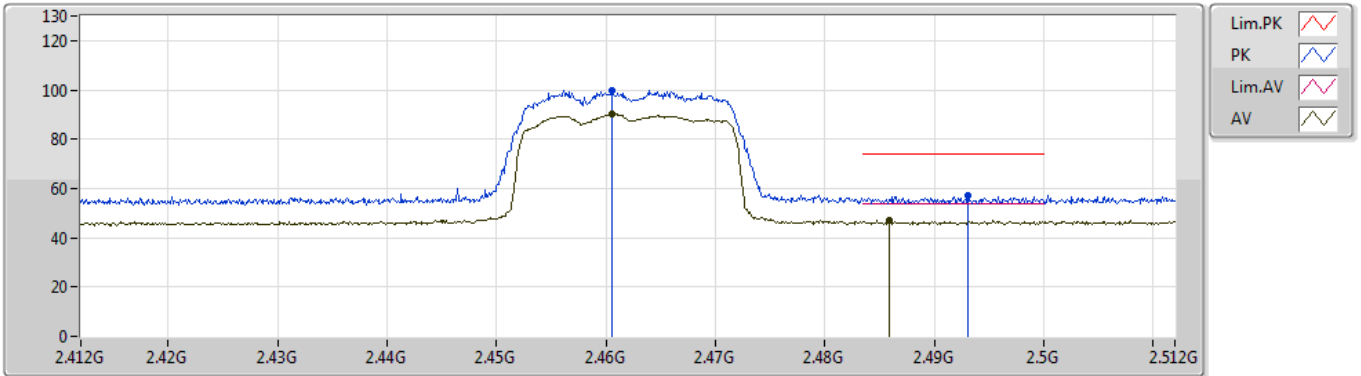


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.458G	106.91	Inf	-Inf	31.59	3	Horizontal	348	2.27	-	75.32	27.60	3.99	-
AV	2.4835G	52.50	54.00	-1.50	31.63	3	Horizontal	348	2.27	-	20.87	27.60	4.03	-
PK	2.4633G	115.83	Inf	-Inf	31.59	3	Horizontal	348	2.27	-	84.24	27.60	3.99	-
PK	2.4876G	67.97	74.00	-6.03	31.63	3	Horizontal	348	2.27	-	36.34	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2462MHz_TX

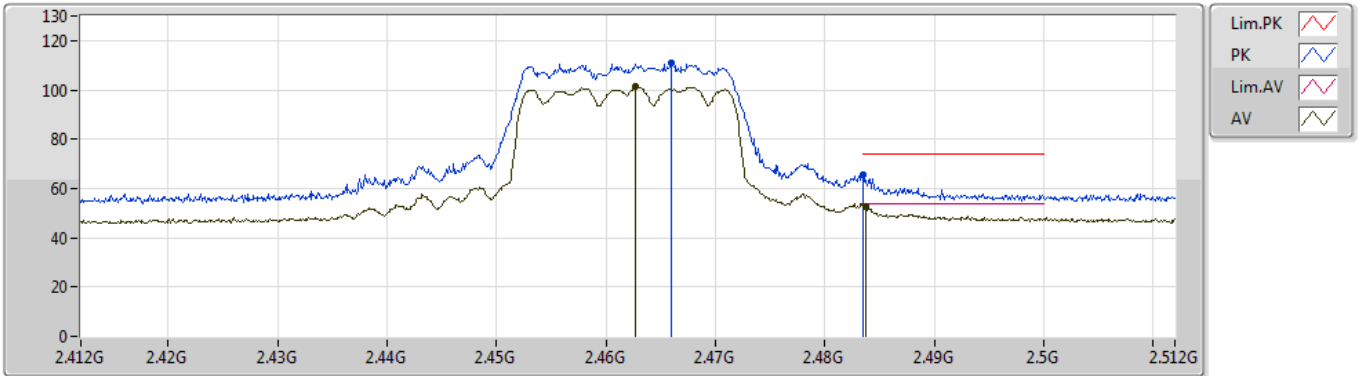


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4606G	90.00	Inf	-Inf	31.59	3	Vertical	145	1.00	-	58.41	27.60	3.99	-
AV	2.4859G	47.20	54.00	-6.80	31.63	3	Vertical	145	1.00	-	15.57	27.60	4.03	-
PK	2.4606G	99.83	Inf	-Inf	31.59	3	Vertical	145	1.00	-	68.24	27.60	3.99	-
PK	2.4931G	57.06	74.00	-16.94	31.64	3	Vertical	145	1.00	-	25.42	27.60	4.04	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2462MHz_TX

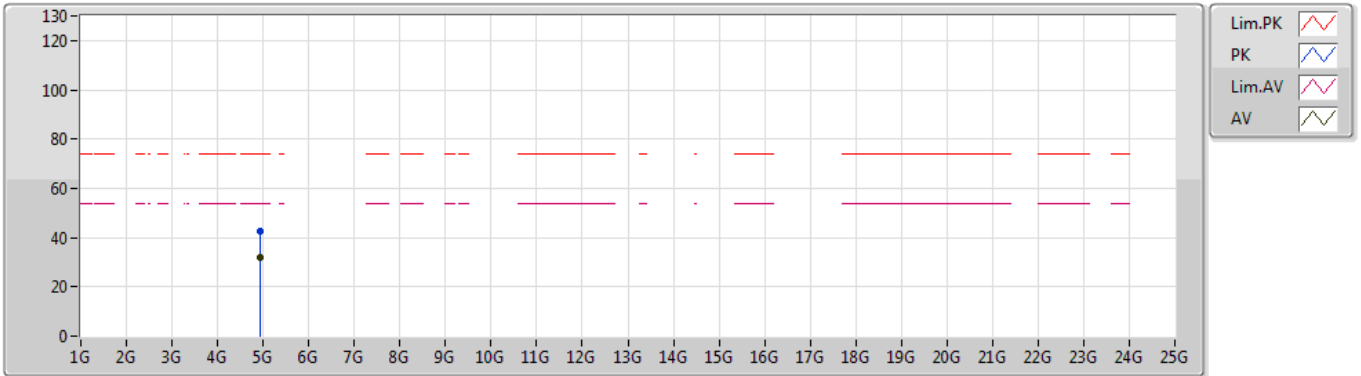


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.4627G	101.21	Inf	-Inf	31.59	3	Horizontal	339	2.77	-	69.62	27.60	3.99	-
AV	2.4837G	52.62	54.00	-1.38	31.63	3	Horizontal	339	2.77	-	20.99	27.60	4.03	-
PK	2.466G	111.06	Inf	-Inf	31.60	3	Horizontal	339	2.77	-	79.46	27.60	4.00	-
PK	2.4835G	65.38	74.00	-8.62	31.63	3	Horizontal	339	2.77	-	33.75	27.60	4.03	-

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2462MHz_TX

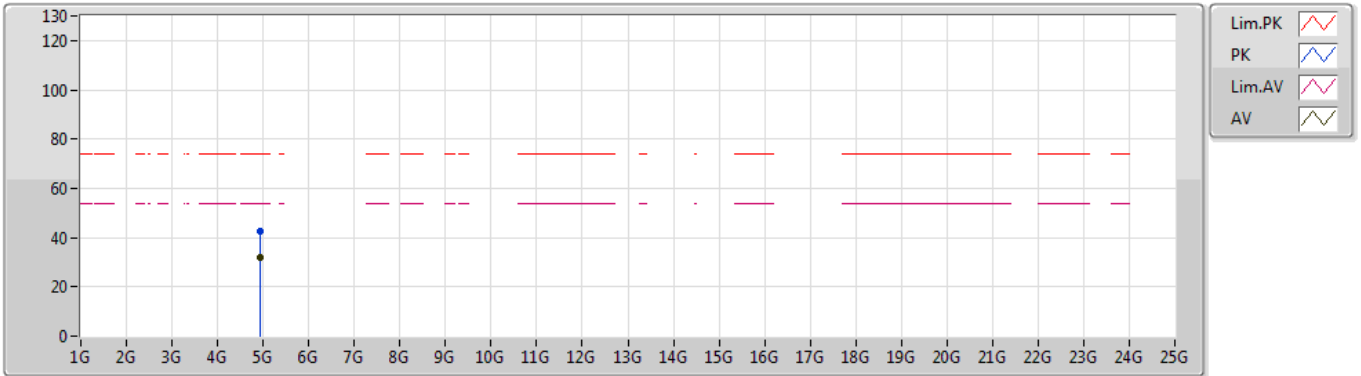


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92252G	31.66	54.00	-22.34	1.71	3	Vertical	289	1.50	-	29.95	31.29	5.36	34.94
PK	4.92062G	42.72	74.00	-31.28	1.70	3	Vertical	289	1.50	-	41.02	31.28	5.36	34.94

802.11ax HEW20_Nss1,(MCS0)_3TX

03/11/2020

2462MHz_TX

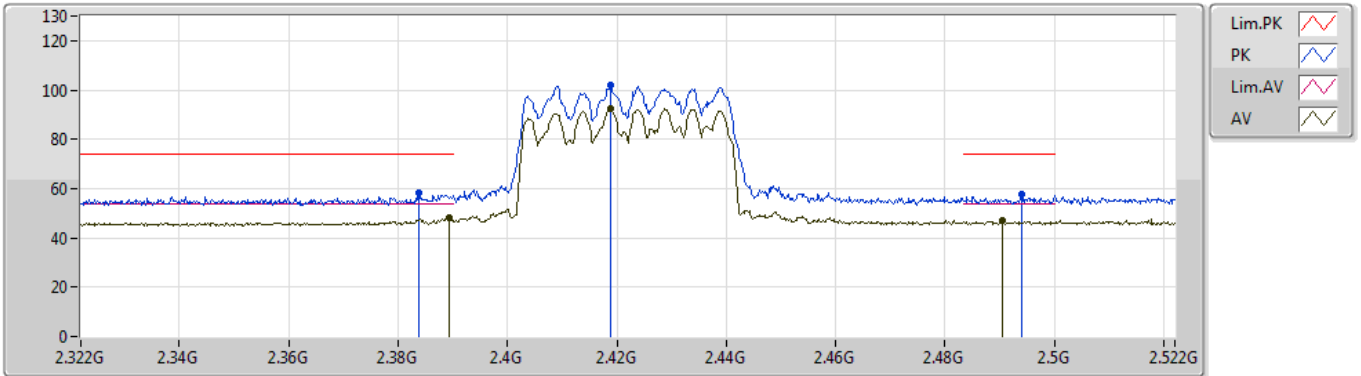


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92887G	32.06	54.00	-21.94	1.74	3	Horizontal	319	2.16	-	30.32	31.32	5.36	34.94
PK	4.92471G	42.55	74.00	-31.45	1.72	3	Horizontal	319	2.16	-	40.83	31.30	5.36	34.94

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2422MHz_TX

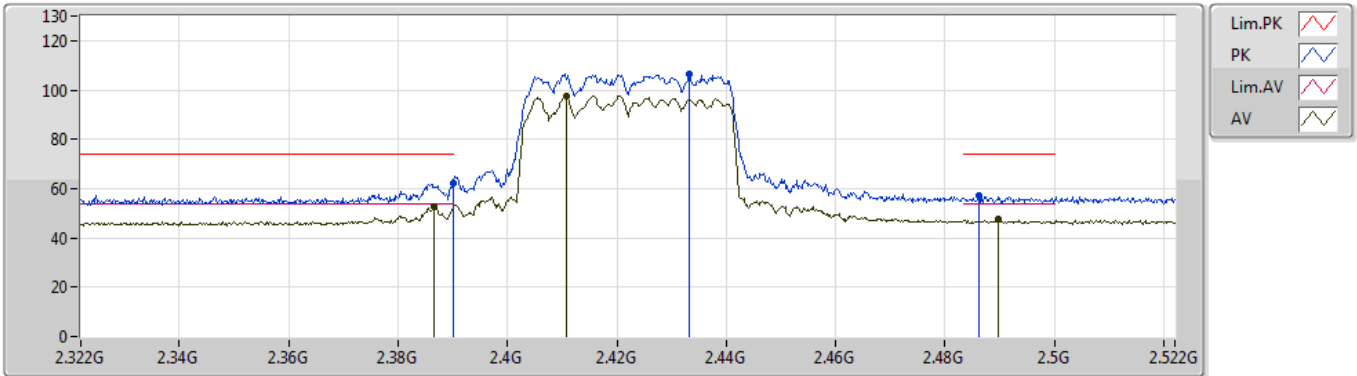


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	48.23	54.00	-5.77	31.52	3	Vertical	225	2.85	-	16.71	27.64	3.88	-
AV	2.4188G	92.34	Inf	-Inf	31.53	3	Vertical	225	2.85	-	60.81	27.60	3.93	-
AV	2.4906G	46.81	54.00	-7.19	31.64	3	Vertical	225	2.85	-	15.17	27.60	4.04	-
PK	2.3838G	58.21	74.00	-15.79	31.54	3	Vertical	225	2.85	-	26.67	27.66	3.88	-
PK	2.4188G	101.88	Inf	-Inf	31.53	3	Vertical	225	2.85	-	70.35	27.60	3.93	-
PK	2.494G	57.46	74.00	-16.54	31.64	3	Vertical	225	2.85	-	25.82	27.60	4.04	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2422MHz_TX

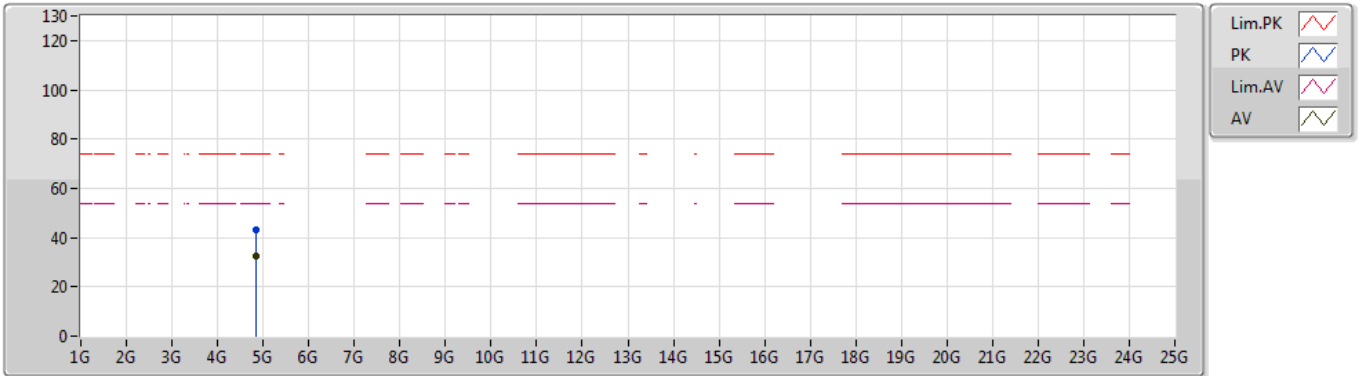


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3866G	52.68	54.00	-1.32	31.53	3	Horizontal	338	2.86	-	21.15	27.65	3.88	-
AV	2.4108G	97.68	Inf	-Inf	31.52	3	Horizontal	338	2.86	-	66.16	27.60	3.92	-
AV	2.4896G	47.58	54.00	-6.42	31.63	3	Horizontal	338	2.86	-	15.95	27.60	4.03	-
PK	2.39G	62.46	74.00	-11.54	31.52	3	Horizontal	338	2.86	-	30.94	27.64	3.88	-
PK	2.4332G	106.68	Inf	-Inf	31.55	3	Horizontal	338	2.86	-	75.13	27.60	3.95	-
PK	2.4862G	56.91	74.00	-17.09	31.63	3	Horizontal	338	2.86	-	25.28	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2422MHz_TX

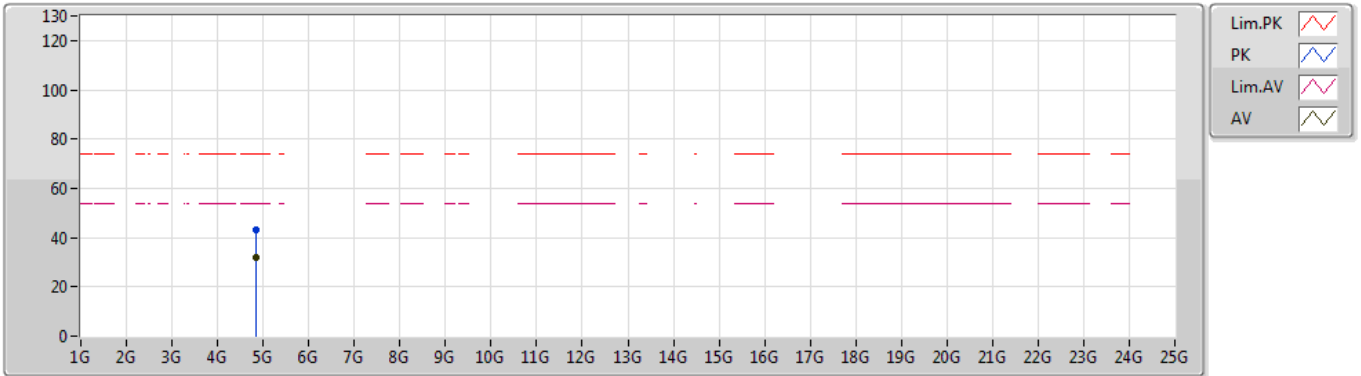


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.84763G	32.39	54.00	-21.61	1.68	3	Vertical	65	1.50	-	30.71	31.29	5.32	34.93
PK	4.84342G	42.98	74.00	-31.02	1.66	3	Vertical	65	1.50	-	41.32	31.27	5.32	34.93

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2422MHz_TX

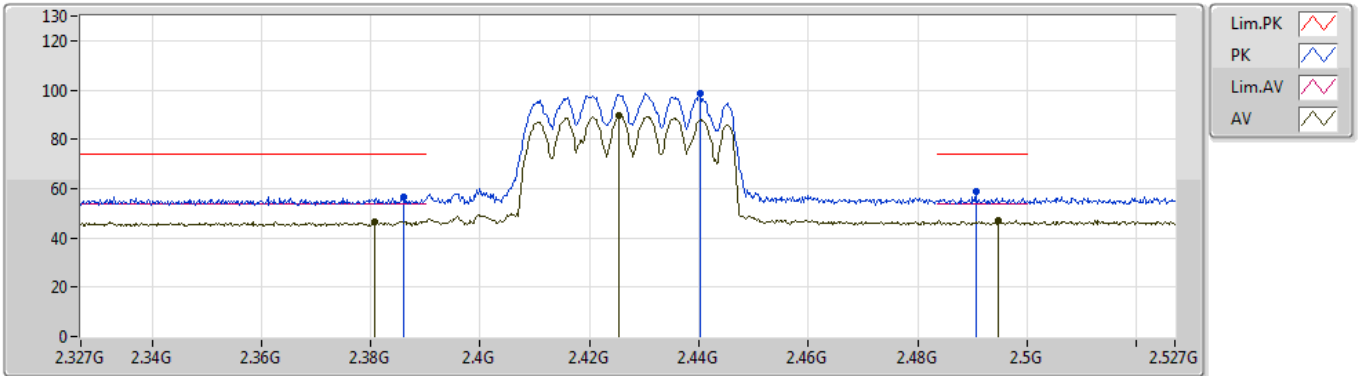


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.84534G	32.19	54.00	-21.81	1.67	3	Horizontal	247	1.35	-	30.52	31.28	5.32	34.93
PK	4.84493G	43.05	74.00	-30.95	1.67	3	Horizontal	247	1.35	-	41.38	31.28	5.32	34.93

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2427MHz_TX

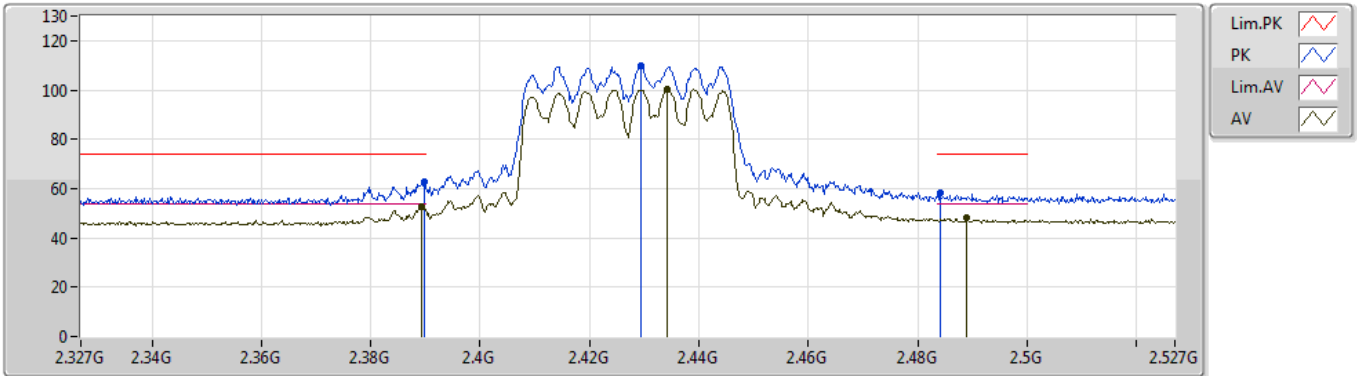


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3806G	46.75	54.00	-7.25	31.55	3	Vertical	141	1.18	-	15.20	27.68	3.87	-
AV	2.4254G	89.45	Inf	-Inf	31.54	3	Vertical	141	1.18	-	57.91	27.60	3.94	-
AV	2.4948G	47.12	54.00	-6.88	31.64	3	Vertical	141	1.18	-	15.48	27.60	4.04	-
PK	2.386G	56.66	74.00	-17.34	31.54	3	Vertical	141	1.18	-	25.12	27.66	3.88	-
PK	2.4402G	98.70	Inf	-Inf	31.56	3	Vertical	141	1.18	-	67.14	27.60	3.96	-
PK	2.4906G	58.57	74.00	-15.43	31.64	3	Vertical	141	1.18	-	26.93	27.60	4.04	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2427MHz_TX

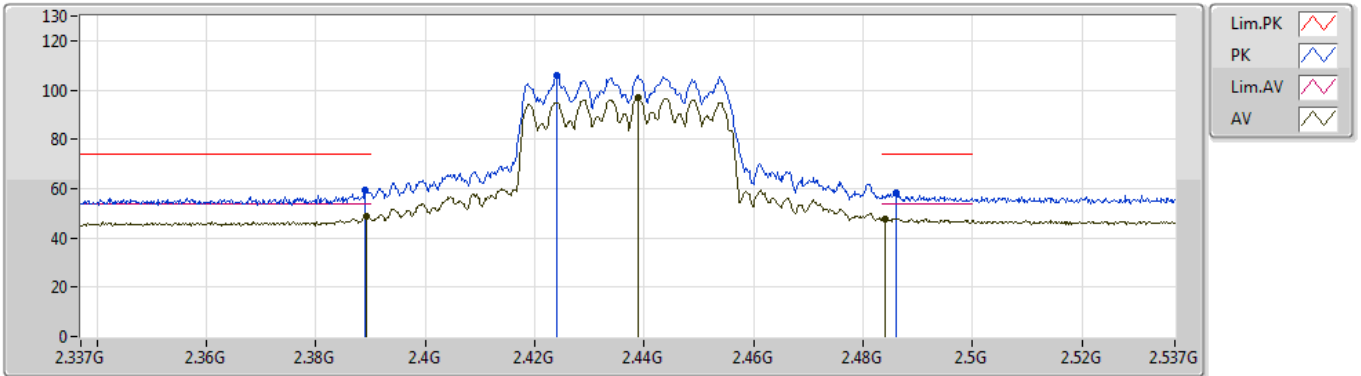


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	52.73	54.00	-1.27	31.52	3	Horizontal	337	2.83	-	21.21	27.64	3.88	-
AV	2.4342G	100.42	Inf	-Inf	31.55	3	Horizontal	337	2.83	-	68.87	27.60	3.95	-
AV	2.4888G	48.06	54.00	-5.94	31.63	3	Horizontal	337	2.83	-	16.43	27.60	4.03	-
PK	2.3898G	62.90	74.00	-11.10	31.52	3	Horizontal	337	2.83	-	31.38	27.64	3.88	-
PK	2.4294G	109.58	Inf	-Inf	31.54	3	Horizontal	337	2.83	-	78.04	27.60	3.94	-
PK	2.484G	58.02	74.00	-15.98	31.63	3	Horizontal	337	2.83	-	26.39	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

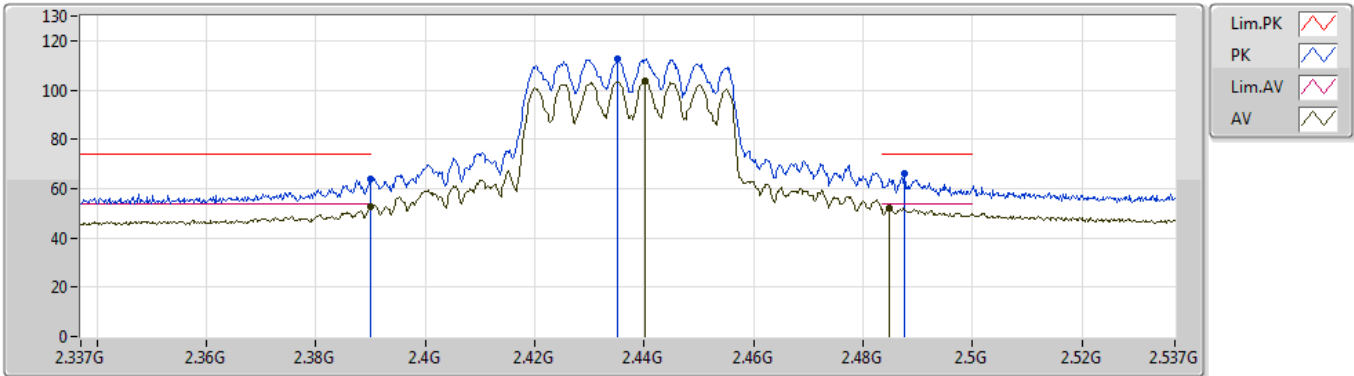


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3892G	48.93	54.00	-5.07	31.52	3	Vertical	224	2.81	-	17.41	27.64	3.88	-
AV	2.439G	96.72	Inf	-Inf	31.56	3	Vertical	224	2.81	-	65.16	27.60	3.96	-
AV	2.484G	47.82	54.00	-6.18	31.63	3	Vertical	224	2.81	-	16.19	27.60	4.03	-
PK	2.389G	59.54	74.00	-14.46	31.52	3	Vertical	224	2.81	-	28.02	27.64	3.88	-
PK	2.424G	106.05	Inf	-Inf	31.54	3	Vertical	224	2.81	-	74.51	27.60	3.94	-
PK	2.486G	58.29	74.00	-15.71	31.63	3	Vertical	224	2.81	-	26.66	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2437MHz_TX

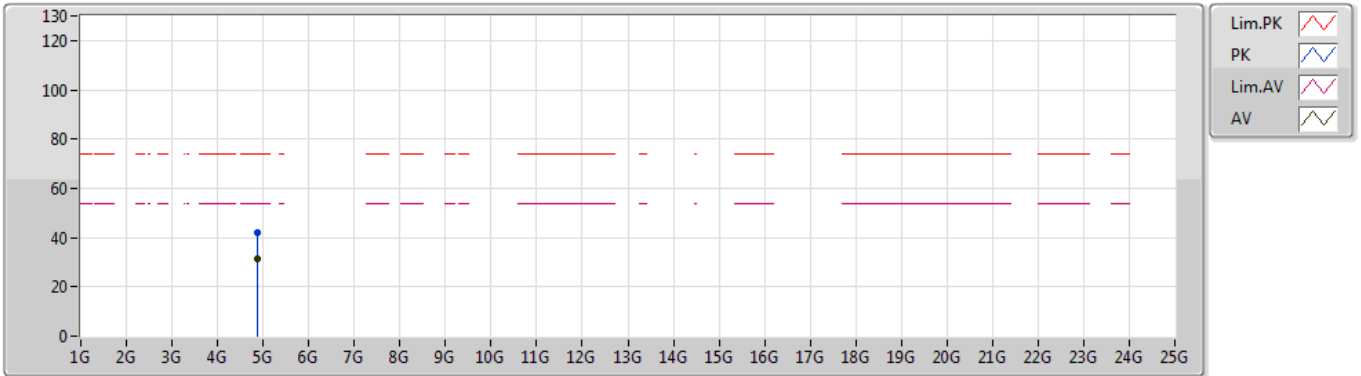


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.94	54.00	-1.06	31.52	3	Horizontal	355	1.23	-	21.42	27.64	3.88	-
AV	2.4402G	103.68	Inf	-Inf	31.56	3	Horizontal	355	1.23	-	72.12	27.60	3.96	-
AV	2.4848G	51.93	54.00	-2.07	31.63	3	Horizontal	355	1.23	-	20.30	27.60	4.03	-
PK	2.39G	63.67	74.00	-10.33	31.52	3	Horizontal	355	1.23	-	32.15	27.64	3.88	-
PK	2.4352G	112.45	Inf	-Inf	31.55	3	Horizontal	355	1.23	-	80.90	27.60	3.95	-
PK	2.4876G	65.99	74.00	-8.01	31.63	3	Horizontal	355	1.23	-	34.36	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

04/11/2020

2437MHz_TX

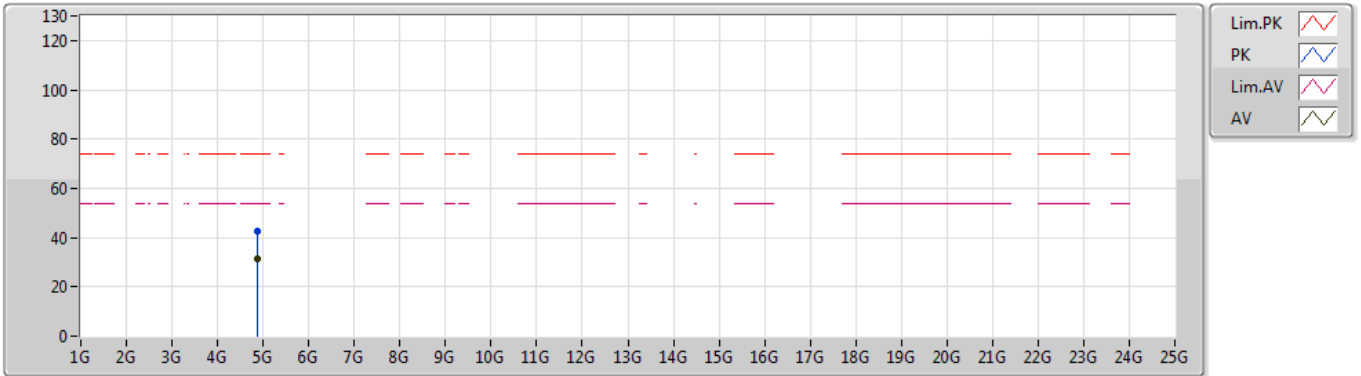


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.8716G	31.59	54.00	-22.41	1.67	3	Vertical	231	1.50	-	29.92	31.26	5.34	34.93
PK	4.87707G	42.30	74.00	-31.70	1.66	3	Vertical	231	1.50	-	40.64	31.25	5.34	34.93

802.11ax HEW40_Nss1,(MCS0)_3TX

04/11/2020

2437MHz_TX

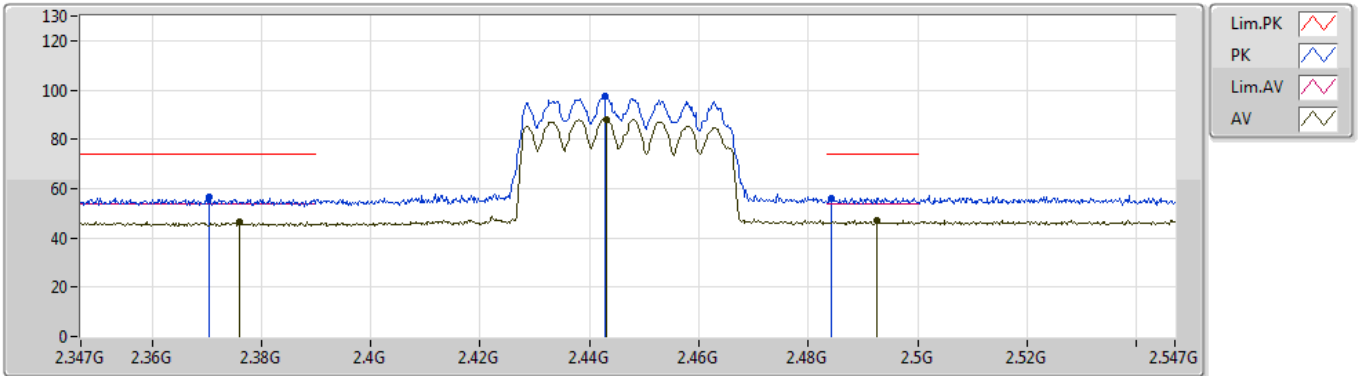


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.87835G	31.48	54.00	-22.52	1.65	3	Horizontal	143	1.50	-	29.83	31.24	5.34	34.93
PK	4.87351G	42.70	74.00	-31.30	1.66	3	Horizontal	143	1.50	-	41.04	31.25	5.34	34.93

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2447MHz_TX

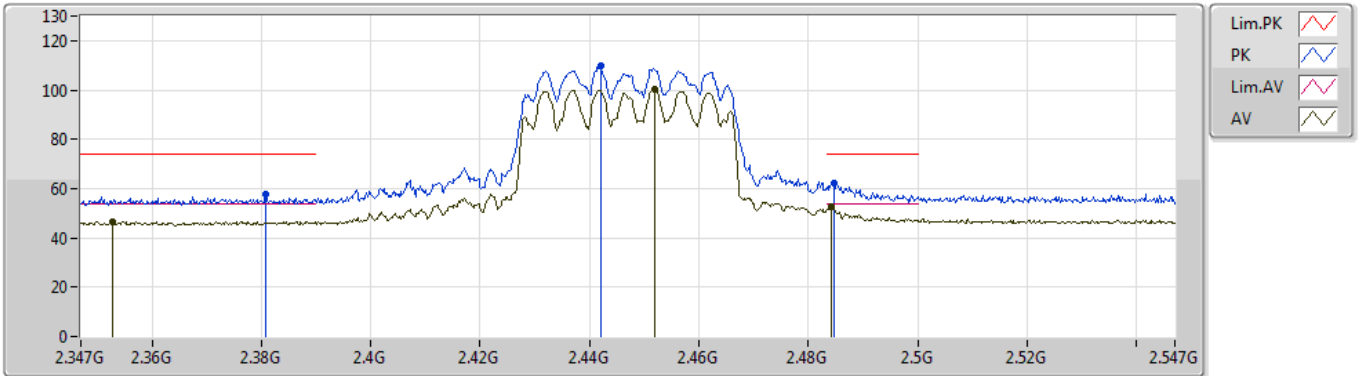


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.376G	46.72	54.00	-7.28	31.56	3	Vertical	140	1.08	-	15.16	27.70	3.86	-
AV	2.443G	88.17	Inf	-Inf	31.56	3	Vertical	140	1.08	-	56.61	27.60	3.96	-
AV	2.4926G	47.17	54.00	-6.83	31.64	3	Vertical	140	1.08	-	15.53	27.60	4.04	-
PK	2.3704G	56.35	74.00	-17.65	31.58	3	Vertical	140	1.08	-	24.77	27.72	3.86	-
PK	2.4428G	97.34	Inf	-Inf	31.56	3	Vertical	140	1.08	-	65.78	27.60	3.96	-
PK	2.4842G	56.24	74.00	-17.76	31.63	3	Vertical	140	1.08	-	24.61	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2447MHz_TX

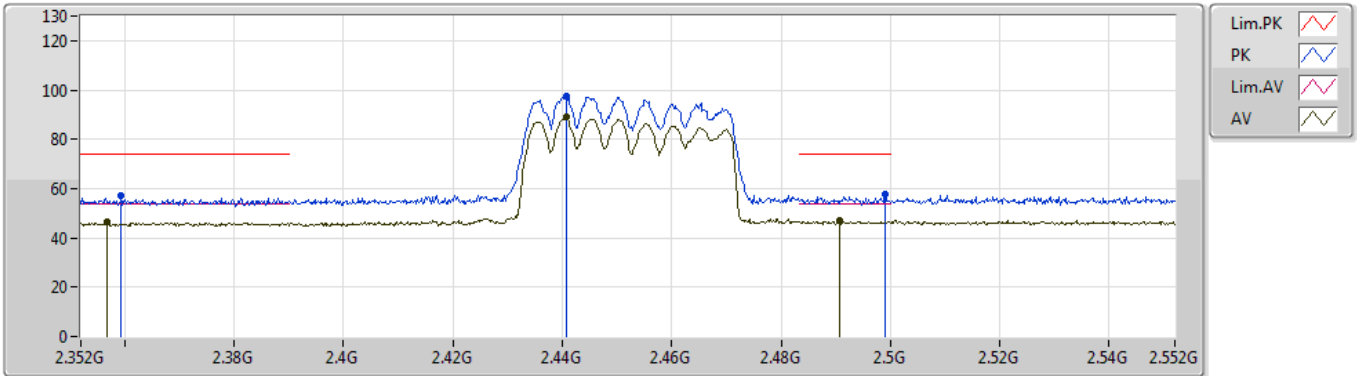


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3528G	46.77	54.00	-7.23	31.62	3	Horizontal	336	2.82	-	15.15	27.79	3.83	-
AV	2.4518G	100.15	Inf	-Inf	31.58	3	Horizontal	336	2.82	-	68.57	27.60	3.98	-
AV	2.4842G	52.93	54.00	-1.07	31.63	3	Horizontal	336	2.82	-	21.30	27.60	4.03	-
PK	2.3808G	57.84	74.00	-16.16	31.55	3	Horizontal	336	2.82	-	26.29	27.68	3.87	-
PK	2.442G	109.89	Inf	-Inf	31.56	3	Horizontal	336	2.82	-	78.33	27.60	3.96	-
PK	2.4846G	61.98	74.00	-12.02	31.63	3	Horizontal	336	2.82	-	30.35	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2452MHz_TX

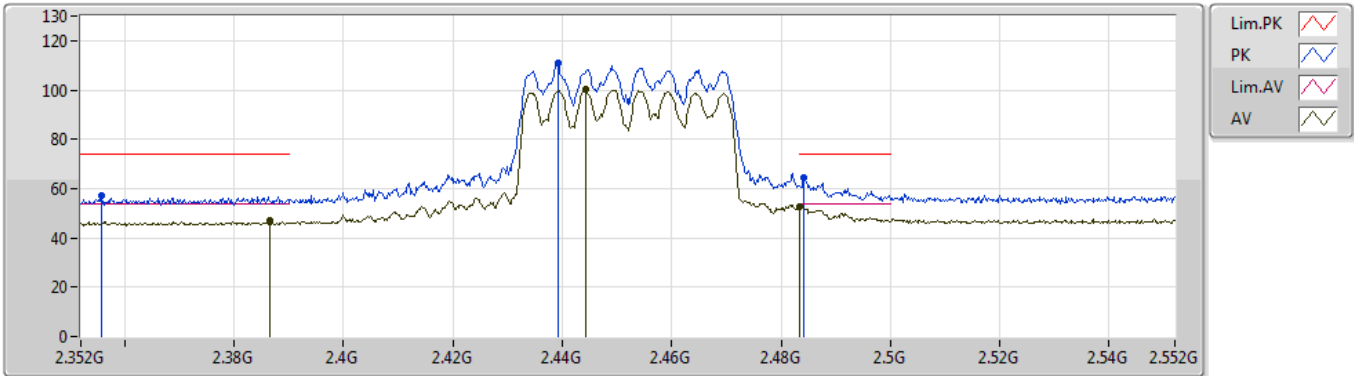


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3568G	46.64	54.00	-7.36	31.61	3	Vertical	142	1.09	-	15.03	27.77	3.84	-
AV	2.4408G	88.95	Inf	-Inf	31.56	3	Vertical	142	1.09	-	57.39	27.60	3.96	-
AV	2.4906G	46.88	54.00	-7.12	31.64	3	Vertical	142	1.09	-	15.24	27.60	4.04	-
PK	2.3594G	57.03	74.00	-16.97	31.60	3	Vertical	142	1.09	-	25.43	27.76	3.84	-
PK	2.4408G	97.36	Inf	-Inf	31.56	3	Vertical	142	1.09	-	65.80	27.60	3.96	-
PK	2.499G	57.72	74.00	-16.28	31.65	3	Vertical	142	1.09	-	26.07	27.60	4.05	-

802.11ax HEW40_Nss1,(MCS0)_3TX

03/11/2020

2452MHz_TX

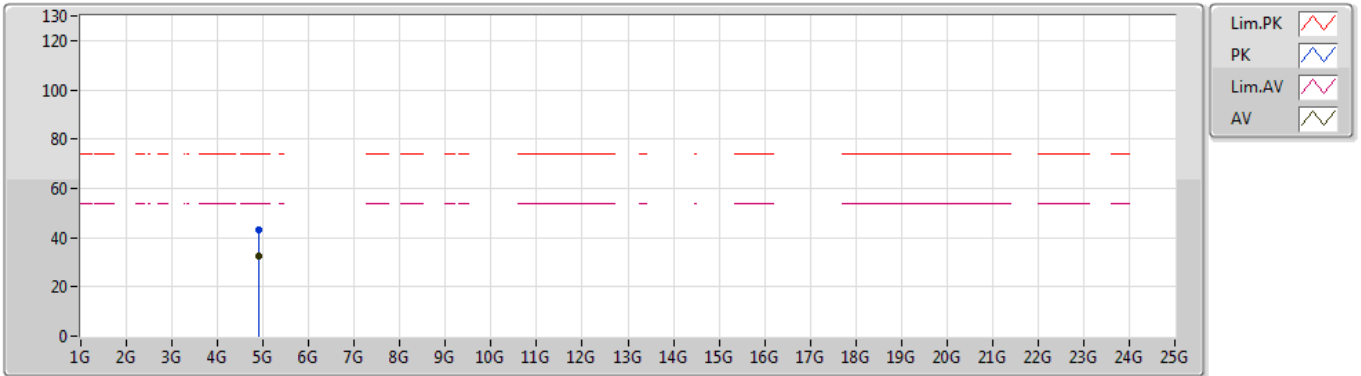


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	2.3866G	46.98	54.00	-7.02	31.53	3	Horizontal	336	2.82	-	15.45	27.65	3.88	-
AV	2.4442G	100.07	Inf	-Inf	31.57	3	Horizontal	336	2.82	-	68.50	27.60	3.97	-
AV	2.4835G	52.61	54.00	-1.39	31.63	3	Horizontal	336	2.82	-	20.98	27.60	4.03	-
PK	2.3558G	57.05	74.00	-16.95	31.61	3	Horizontal	336	2.82	-	25.44	27.78	3.83	-
PK	2.4392G	110.74	Inf	-Inf	31.56	3	Horizontal	336	2.82	-	79.18	27.60	3.96	-
PK	2.4842G	64.38	74.00	-9.62	31.63	3	Horizontal	336	2.82	-	32.75	27.60	4.03	-

802.11ax HEW40_Nss1,(MCS0)_3TX

04/11/2020

2452MHz_TX

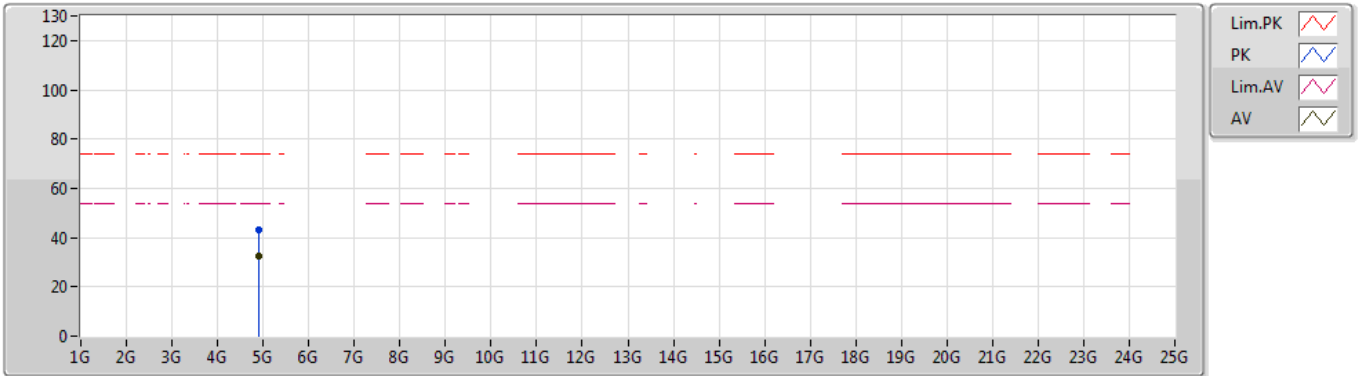


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.90309G	32.44	54.00	-21.56	1.63	3	Vertical	204	1.74	-	30.81	31.21	5.35	34.93
PK	4.90286G	43.03	74.00	-30.97	1.63	3	Vertical	204	1.74	-	41.40	31.21	5.35	34.93

802.11ax HEW40_Nss1,(MCS0)_3TX

04/11/2020

2452MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.90196G	32.49	54.00	-21.51	1.63	3	Horizontal	76	1.03	-	30.86	31.21	5.35	34.93
PK	4.90255G	42.99	74.00	-31.01	1.63	3	Horizontal	76	1.03	-	41.36	31.21	5.35	34.93



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	173	1.69	-
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	272	2.43	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.78	54.00	-1.22	3	Vertical	271	2.73	-
2412MHz	Pass	AV	2.4128G	110.73	Inf	-Inf	3	Vertical	271	2.73	-
2412MHz	Pass	PK	2.39G	70.27	74.00	-3.73	3	Vertical	271	2.73	-
2412MHz	Pass	PK	2.418G	113.60	Inf	-Inf	3	Vertical	271	2.73	-
2412MHz	Pass	AV	2.39G	47.23	54.00	-6.77	3	Horizontal	183	1.45	-
2412MHz	Pass	AV	2.4128G	98.48	Inf	-Inf	3	Horizontal	183	1.45	-
2412MHz	Pass	PK	2.3898G	61.28	74.00	-12.72	3	Horizontal	183	1.45	-
2412MHz	Pass	PK	2.4126G	103.56	Inf	-Inf	3	Horizontal	183	1.45	-
2412MHz	Pass	AV	4.82379G	31.81	54.00	-22.19	3	Vertical	161	2.29	-
2412MHz	Pass	PK	4.82312G	44.45	74.00	-29.55	3	Vertical	161	2.29	-
2412MHz	Pass	AV	4.82312G	31.07	54.00	-22.93	3	Horizontal	129	2.87	-
2412MHz	Pass	PK	4.82315G	43.94	74.00	-30.06	3	Horizontal	129	2.87	-
2417MHz	Pass	AV	2.39G	52.64	54.00	-1.36	3	Vertical	258	1.38	-
2417MHz	Pass	AV	2.4162G	111.97	Inf	-Inf	3	Vertical	258	1.38	-
2417MHz	Pass	PK	2.3896G	68.00	74.00	-6.00	3	Vertical	258	1.38	-
2417MHz	Pass	PK	2.4198G	117.55	Inf	-Inf	3	Vertical	258	1.38	-
2417MHz	Pass	AV	2.39G	50.37	54.00	-3.63	3	Horizontal	129	1.26	-
2417MHz	Pass	AV	2.4162G	105.29	Inf	-Inf	3	Horizontal	129	1.26	-
2417MHz	Pass	PK	2.3884G	66.33	74.00	-7.67	3	Horizontal	129	1.26	-
2417MHz	Pass	PK	2.4098G	108.26	Inf	-Inf	3	Horizontal	129	1.26	-
2437MHz	Pass	AV	2.3898G	50.77	54.00	-3.23	3	Vertical	285	2.97	-
2437MHz	Pass	AV	2.4358G	113.83	Inf	-Inf	3	Vertical	285	2.97	-
2437MHz	Pass	AV	2.4835G	52.91	54.00	-1.09	3	Vertical	285	2.97	-
2437MHz	Pass	PK	2.3898G	67.38	74.00	-6.62	3	Vertical	285	2.97	-
2437MHz	Pass	PK	2.4306G	116.35	Inf	-Inf	3	Vertical	285	2.97	-
2437MHz	Pass	PK	2.4838G	68.53	74.00	-5.47	3	Vertical	285	2.97	-
2437MHz	Pass	AV	2.3894G	44.63	54.00	-9.37	3	Horizontal	175	2.04	-
2437MHz	Pass	AV	2.4362G	102.35	Inf	-Inf	3	Horizontal	175	2.04	-
2437MHz	Pass	AV	2.4838G	45.40	54.00	-8.60	3	Horizontal	175	2.04	-
2437MHz	Pass	PK	2.3894G	56.49	74.00	-17.51	3	Horizontal	175	2.04	-
2437MHz	Pass	PK	2.431G	105.23	Inf	-Inf	3	Horizontal	175	2.04	-
2437MHz	Pass	PK	2.4835G	57.73	74.00	-16.27	3	Horizontal	175	2.04	-
2437MHz	Pass	AV	4.87391G	32.09	54.00	-21.91	3	Vertical	169	1.50	-
2437MHz	Pass	PK	4.87426G	43.04	74.00	-30.96	3	Vertical	169	1.50	-
2437MHz	Pass	AV	4.87391G	31.20	54.00	-22.80	3	Horizontal	216	2.65	-
2437MHz	Pass	PK	4.87326G	42.93	74.00	-31.07	3	Horizontal	216	2.65	-
2457MHz	Pass	AV	2.4562G	112.54	Inf	-Inf	3	Vertical	173	1.69	-
2457MHz	Pass	AV	2.4835G	52.92	54.00	-1.08	3	Vertical	173	1.69	-
2457MHz	Pass	PK	2.451G	118.11	Inf	-Inf	3	Vertical	173	1.69	-
2457MHz	Pass	PK	2.4835G	71.60	74.00	-2.40	3	Vertical	173	1.69	-
2457MHz	Pass	AV	2.4578G	105.10	Inf	-Inf	3	Horizontal	230	1.07	-
2457MHz	Pass	AV	2.4835G	47.25	54.00	-6.75	3	Horizontal	230	1.07	-
2457MHz	Pass	PK	2.451G	109.79	Inf	-Inf	3	Horizontal	230	1.07	-
2457MHz	Pass	PK	2.484G	61.51	74.00	-12.49	3	Horizontal	230	1.07	-
2462MHz	Pass	AV	2.4612G	108.68	Inf	-Inf	3	Vertical	256	1.48	-
2462MHz	Pass	AV	2.4835G	52.69	54.00	-1.31	3	Vertical	256	1.48	-
2462MHz	Pass	PK	2.4562G	113.95	Inf	-Inf	3	Vertical	256	1.48	-
2462MHz	Pass	PK	2.4835G	66.88	74.00	-7.12	3	Vertical	256	1.48	-
2462MHz	Pass	AV	2.4612G	100.46	Inf	-Inf	3	Horizontal	129	1.00	-
2462MHz	Pass	AV	2.5G	45.28	54.00	-8.72	3	Horizontal	129	1.00	-
2462MHz	Pass	PK	2.4548G	104.17	Inf	-Inf	3	Horizontal	129	1.00	-
2462MHz	Pass	PK	2.4856G	57.50	74.00	-16.50	3	Horizontal	129	1.00	-
2462MHz	Pass	AV	4.92234G	30.22	54.00	-23.78	3	Vertical	340	1.50	-
2462MHz	Pass	PK	4.92565G	43.02	74.00	-30.98	3	Vertical	340	1.50	-
2462MHz	Pass	AV	4.92407G	30.51	54.00	-23.49	3	Horizontal	141	1.50	-
2462MHz	Pass	PK	4.92487G	43.25	74.00	-30.75	3	Horizontal	141	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.69	54.00	-1.31	3	Vertical	285	1.18	-
2422MHz	Pass	AV	2.4136G	107.33	Inf	-Inf	3	Vertical	285	1.18	-
2422MHz	Pass	AV	2.4835G	45.84	54.00	-8.16	3	Vertical	285	1.18	-



RSE TX above 1GHz_Beamforming

Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2422MHz	Pass	PK	2.3884G	71.74	74.00	-2.26	3	Vertical	285	1.18	-
2422MHz	Pass	PK	2.4264G	109.58	Inf	-Inf	3	Vertical	285	1.18	-
2422MHz	Pass	PK	2.4992G	58.23	74.00	-15.77	3	Vertical	285	1.18	-
2422MHz	Pass	AV	2.39G	48.89	54.00	-5.11	3	Horizontal	222	1.50	-
2422MHz	Pass	AV	2.4132G	98.39	Inf	-Inf	3	Horizontal	222	1.50	-
2422MHz	Pass	AV	2.496G	44.11	54.00	-9.89	3	Horizontal	222	1.50	-
2422MHz	Pass	PK	2.3888G	63.14	74.00	-10.86	3	Horizontal	222	1.50	-
2422MHz	Pass	PK	2.406G	101.28	Inf	-Inf	3	Horizontal	222	1.50	-
2422MHz	Pass	PK	2.49G	57.75	74.00	-16.25	3	Horizontal	222	1.50	-
2422MHz	Pass	AV	4.84334G	31.04	54.00	-22.96	3	Vertical	301	3.00	-
2422MHz	Pass	PK	4.84901G	44.04	74.00	-29.96	3	Vertical	301	3.00	-
2422MHz	Pass	AV	4.84556G	30.87	54.00	-23.13	3	Horizontal	63	1.50	-
2422MHz	Pass	PK	4.84067G	43.86	74.00	-30.14	3	Horizontal	63	1.50	-
2427MHz	Pass	AV	2.3898G	52.85	54.00	-1.15	3	Vertical	79	1.54	-
2427MHz	Pass	AV	2.4174G	106.08	Inf	-Inf	3	Vertical	79	1.54	-
2427MHz	Pass	AV	2.4835G	46.82	54.00	-7.18	3	Vertical	79	1.54	-
2427MHz	Pass	PK	2.3886G	67.75	74.00	-6.25	3	Vertical	79	1.54	-
2427MHz	Pass	PK	2.4322G	114.00	Inf	-Inf	3	Vertical	79	1.54	-
2427MHz	Pass	PK	2.4882G	62.12	74.00	-11.88	3	Vertical	79	1.54	-
2427MHz	Pass	AV	2.3898G	46.70	54.00	-7.30	3	Horizontal	161	1.46	-
2427MHz	Pass	AV	2.4334G	92.03	Inf	-Inf	3	Horizontal	161	1.46	-
2427MHz	Pass	AV	2.4942G	44.33	54.00	-9.67	3	Horizontal	161	1.46	-
2427MHz	Pass	PK	2.3898G	61.33	74.00	-12.67	3	Horizontal	161	1.46	-
2427MHz	Pass	PK	2.431G	104.98	Inf	-Inf	3	Horizontal	161	1.46	-
2427MHz	Pass	PK	2.4946G	56.98	74.00	-17.02	3	Horizontal	161	1.46	-
2437MHz	Pass	AV	2.3894G	50.41	54.00	-3.59	3	Vertical	66	1.00	-
2437MHz	Pass	AV	2.4286G	110.65	Inf	-Inf	3	Vertical	66	1.00	-
2437MHz	Pass	AV	2.4835G	50.90	54.00	-3.10	3	Vertical	66	1.00	-
2437MHz	Pass	PK	2.3894G	67.20	74.00	-6.80	3	Vertical	66	1.00	-
2437MHz	Pass	PK	2.4298G	113.79	Inf	-Inf	3	Vertical	66	1.00	-
2437MHz	Pass	PK	2.4846G	72.79	74.00	-1.21	3	Vertical	66	1.00	-
2437MHz	Pass	AV	2.3898G	48.16	54.00	-5.84	3	Horizontal	236	1.49	-
2437MHz	Pass	AV	2.4282G	100.35	Inf	-Inf	3	Horizontal	236	1.49	-
2437MHz	Pass	AV	2.4835G	49.13	54.00	-4.87	3	Horizontal	236	1.49	-
2437MHz	Pass	PK	2.3886G	62.69	74.00	-11.31	3	Horizontal	236	1.49	-
2437MHz	Pass	PK	2.4546G	107.43	Inf	-Inf	3	Horizontal	236	1.49	-
2437MHz	Pass	PK	2.4854G	65.43	74.00	-8.57	3	Horizontal	236	1.49	-
2437MHz	Pass	AV	4.87343G	30.09	54.00	-23.91	3	Vertical	251	1.50	-
2437MHz	Pass	PK	4.87397G	43.56	74.00	-30.44	3	Vertical	251	1.50	-
2437MHz	Pass	AV	4.87607G	30.16	54.00	-23.84	3	Horizontal	286	1.50	-
2437MHz	Pass	PK	4.88132G	43.59	74.00	-30.41	3	Horizontal	286	1.50	-
2447MHz	Pass	AV	2.387G	45.29	54.00	-8.71	3	Vertical	291	1.55	-
2447MHz	Pass	AV	2.4534G	101.25	Inf	-Inf	3	Vertical	291	1.55	-
2447MHz	Pass	AV	2.4835G	52.80	54.00	-1.20	3	Vertical	291	1.55	-
2447MHz	Pass	PK	2.387G	57.74	74.00	-16.26	3	Vertical	291	1.55	-
2447MHz	Pass	PK	2.451G	114.21	Inf	-Inf	3	Vertical	291	1.55	-
2447MHz	Pass	PK	2.4835G	67.83	74.00	-6.17	3	Vertical	291	1.55	-
2447MHz	Pass	AV	2.3758G	43.64	54.00	-10.36	3	Horizontal	229	1.75	-
2447MHz	Pass	AV	2.4358G	94.46	Inf	-Inf	3	Horizontal	229	1.75	-
2447MHz	Pass	AV	2.4838G	47.84	54.00	-6.16	3	Horizontal	229	1.75	-
2447MHz	Pass	PK	2.3794G	56.81	74.00	-17.19	3	Horizontal	229	1.75	-
2447MHz	Pass	PK	2.4646G	104.92	Inf	-Inf	3	Horizontal	229	1.75	-
2447MHz	Pass	PK	2.4926G	61.34	74.00	-12.66	3	Horizontal	229	1.75	-
2452MHz	Pass	AV	2.39G	45.12	54.00	-8.88	3	Vertical	272	2.43	-
2452MHz	Pass	AV	2.4436G	110.29	Inf	-Inf	3	Vertical	272	2.43	-
2452MHz	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Vertical	272	2.43	-
2452MHz	Pass	PK	2.3888G	58.65	74.00	-15.35	3	Vertical	272	2.43	-
2452MHz	Pass	PK	2.4412G	112.81	Inf	-Inf	3	Vertical	272	2.43	-
2452MHz	Pass	PK	2.4888G	71.90	74.00	-2.10	3	Vertical	272	2.43	-
2452MHz	Pass	AV	2.3624G	43.71	54.00	-10.29	3	Horizontal	175	1.47	-
2452MHz	Pass	AV	2.4436G	96.02	Inf	-Inf	3	Horizontal	175	1.47	-
2452MHz	Pass	AV	2.4835G	45.93	54.00	-8.07	3	Horizontal	175	1.47	-



RSE TX above 1GHz_Beamforming

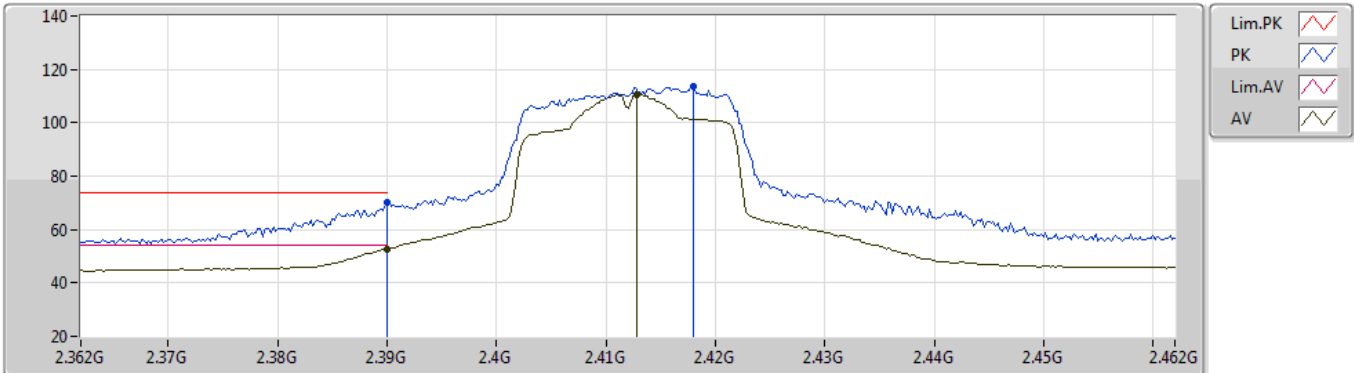
Appendix F.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2452MHz	Pass	PK	2.3624G	56.94	74.00	-17.06	3	Horizontal	175	1.47	-
2452MHz	Pass	PK	2.4696G	99.47	Inf	-Inf	3	Horizontal	175	1.47	-
2452MHz	Pass	PK	2.484G	63.04	74.00	-10.96	3	Horizontal	175	1.47	-
2452MHz	Pass	AV	4.89964G	39.33	54.00	-14.67	3	Vertical	121	2.81	-
2452MHz	Pass	PK	4.89958G	46.37	74.00	-27.63	3	Vertical	121	2.81	-
2452MHz	Pass	AV	4.89959G	34.48	54.00	-19.52	3	Horizontal	89	1.00	-
2452MHz	Pass	PK	4.89926G	44.68	74.00	-29.32	3	Horizontal	89	1.00	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2412MHz_TX

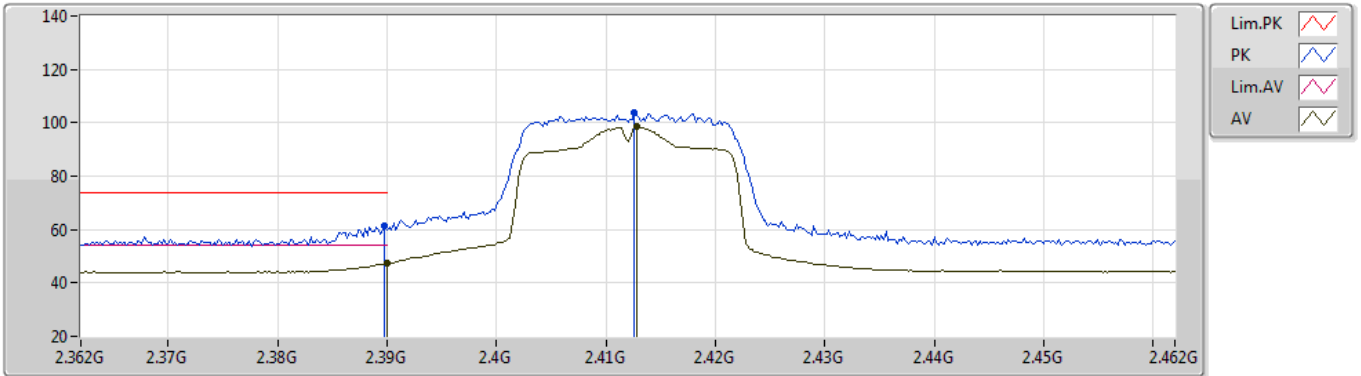


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.78	54.00	-1.22	31.52	3	Vertical	271	2.73	-	21.26	27.64	3.88	-
AV	2.4128G	110.73	Inf	-Inf	31.52	3	Vertical	271	2.73	-	79.21	27.60	3.92	-
PK	2.39G	70.27	74.00	-3.73	31.52	3	Vertical	271	2.73	-	38.75	27.64	3.88	-
PK	2.418G	113.60	Inf	-Inf	31.53	3	Vertical	271	2.73	-	82.07	27.60	3.93	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2412MHz_TX

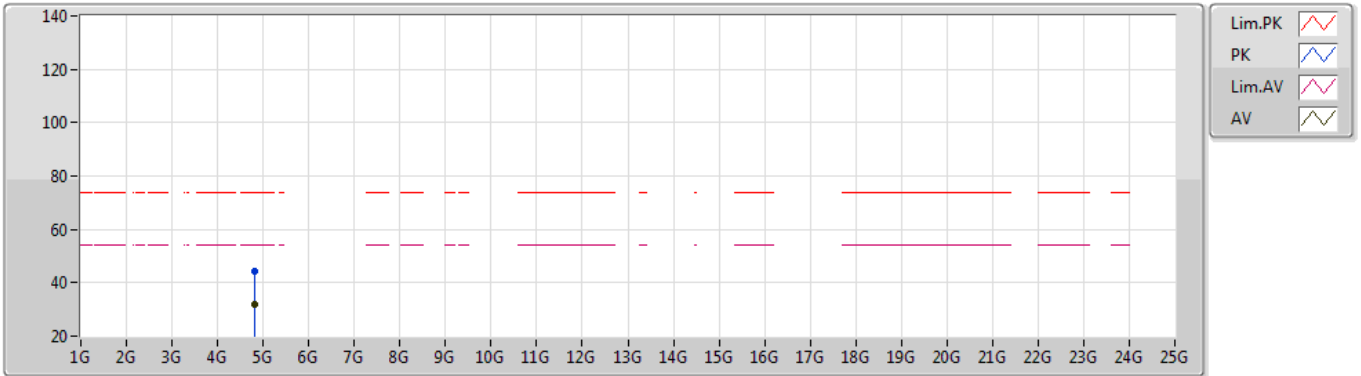


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	47.23	54.00	-6.77	31.52	3	Horizontal	183	1.45	-	15.71	27.64	3.88	-
AV	2.4128G	98.48	Inf	-Inf	31.52	3	Horizontal	183	1.45	-	66.96	27.60	3.92	-
PK	2.3898G	61.28	74.00	-12.72	31.52	3	Horizontal	183	1.45	-	29.76	27.64	3.88	-
PK	2.4126G	103.56	Inf	-Inf	31.52	3	Horizontal	183	1.45	-	72.04	27.60	3.92	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2412MHz_TX

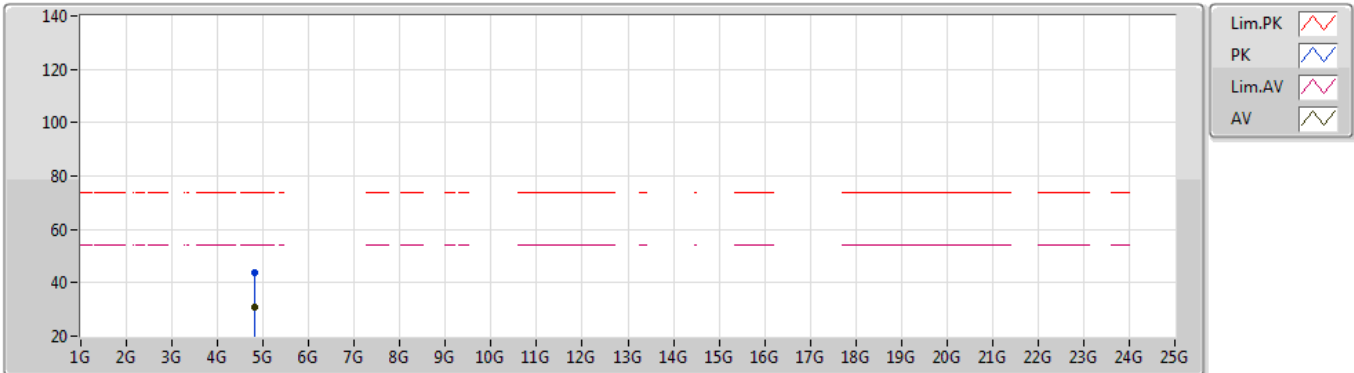


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82379G	31.81	54.00	-22.19	1.58	3	Vertical	161	2.29	-	30.23	31.20	5.31	34.93
PK	4.82312G	44.45	74.00	-29.55	1.57	3	Vertical	161	2.29	-	42.88	31.19	5.31	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2412MHz_TX

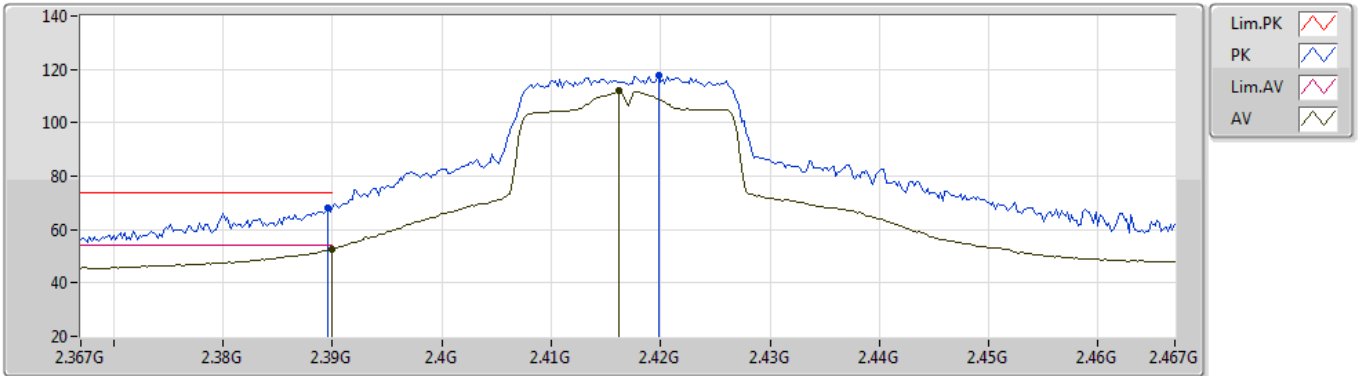


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.82312G	31.07	54.00	-22.93	1.57	3	Horizontal	129	2.87	-	29.50	31.19	5.31	34.93
PK	4.82315G	43.94	74.00	-30.06	1.57	3	Horizontal	129	2.87	-	42.37	31.19	5.31	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2417MHz_TX

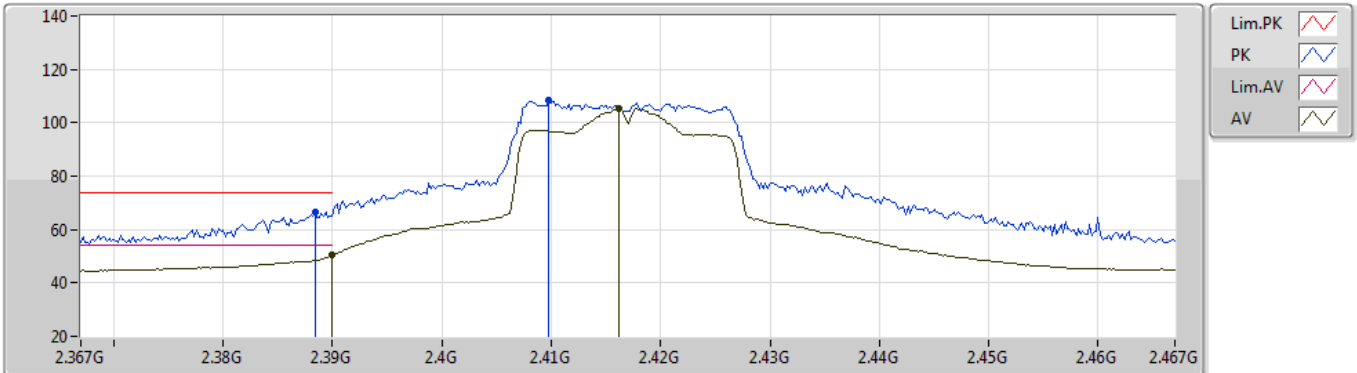


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.64	54.00	-1.36	31.52	3	Vertical	258	1.38	-	21.12	27.64	3.88	-
AV	2.4162G	111.97	Inf	-Inf	31.52	3	Vertical	258	1.38	-	80.45	27.60	3.92	-
PK	2.3896G	68.00	74.00	-6.00	31.52	3	Vertical	258	1.38	-	36.48	27.64	3.88	-
PK	2.4198G	117.55	Inf	-Inf	31.53	3	Vertical	258	1.38	-	86.02	27.60	3.93	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2417MHz_TX

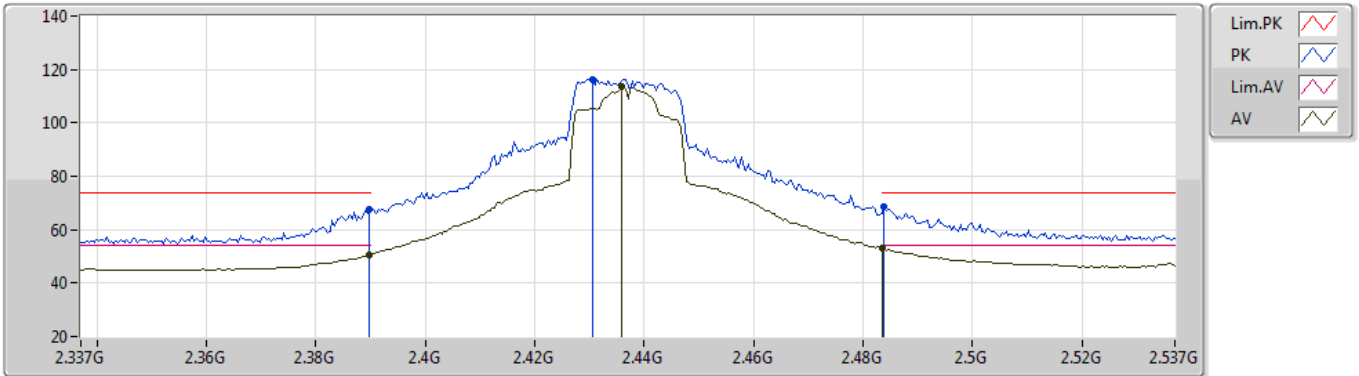


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	50.37	54.00	-3.63	31.52	3	Horizontal	129	1.26	-	18.85	27.64	3.88	-
AV	2.4162G	105.29	Inf	-Inf	31.52	3	Horizontal	129	1.26	-	73.77	27.60	3.92	-
PK	2.3884G	66.33	74.00	-7.67	31.53	3	Horizontal	129	1.26	-	34.80	27.65	3.88	-
PK	2.4098G	108.26	Inf	-Inf	31.51	3	Horizontal	129	1.26	-	76.75	27.60	3.91	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

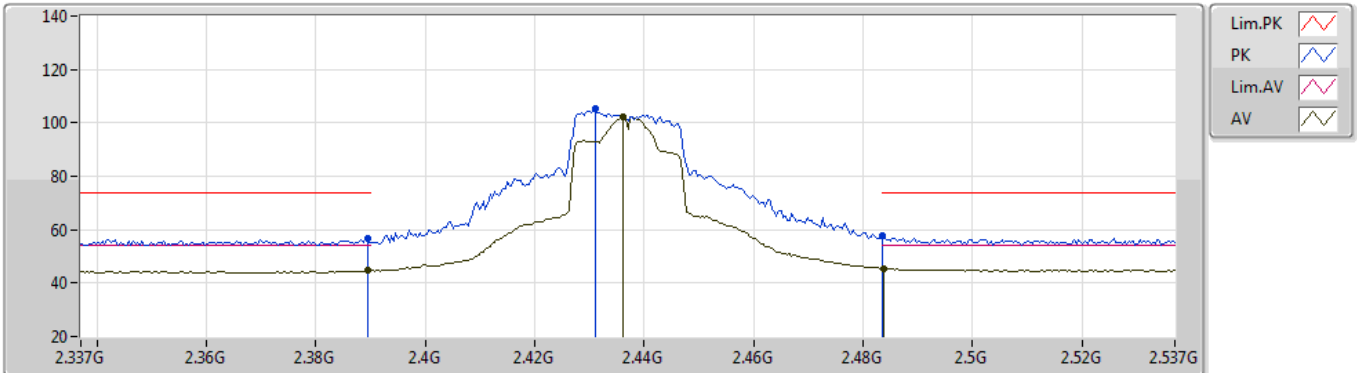


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	50.77	54.00	-3.23	31.52	3	Vertical	285	2.97	-	19.25	27.64	3.88	-
AV	2.4358G	113.83	Inf	-Inf	31.55	3	Vertical	285	2.97	-	82.28	27.60	3.95	-
AV	2.4835G	52.91	54.00	-1.09	31.63	3	Vertical	285	2.97	-	21.28	27.60	4.03	-
PK	2.3898G	67.38	74.00	-6.62	31.52	3	Vertical	285	2.97	-	35.86	27.64	3.88	-
PK	2.4306G	116.35	Inf	-Inf	31.55	3	Vertical	285	2.97	-	84.80	27.60	3.95	-
PK	2.4838G	68.53	74.00	-5.47	31.63	3	Vertical	285	2.97	-	36.90	27.60	4.03	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

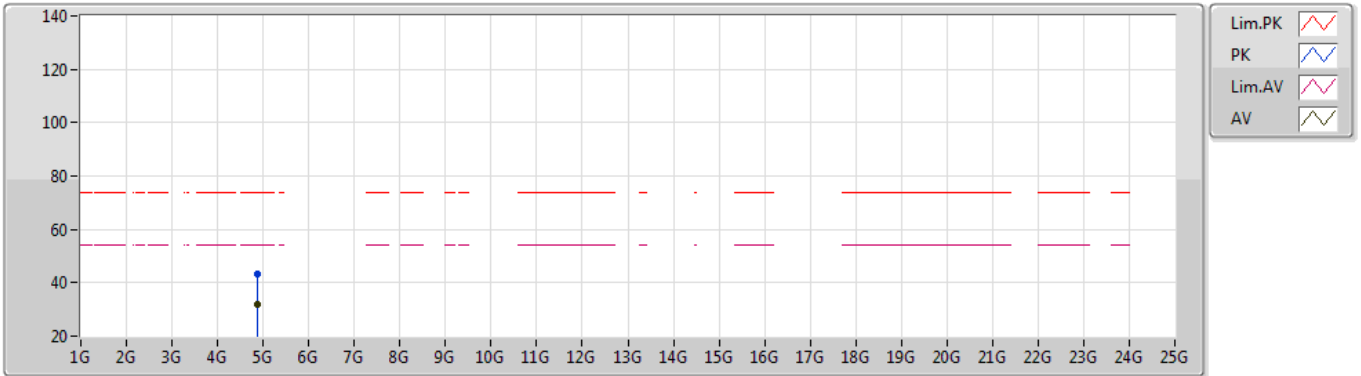


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	44.63	54.00	-9.37	31.52	3	Horizontal	175	2.04	-	13.11	27.64	3.88	-
AV	2.4362G	102.35	Inf	-Inf	31.55	3	Horizontal	175	2.04	-	70.80	27.60	3.95	-
AV	2.4838G	45.40	54.00	-8.60	31.63	3	Horizontal	175	2.04	-	13.77	27.60	4.03	-
PK	2.3894G	56.49	74.00	-17.51	31.52	3	Horizontal	175	2.04	-	24.97	27.64	3.88	-
PK	2.431G	105.23	Inf	-Inf	31.55	3	Horizontal	175	2.04	-	73.68	27.60	3.95	-
PK	2.4835G	57.73	74.00	-16.27	31.63	3	Horizontal	175	2.04	-	26.10	27.60	4.03	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

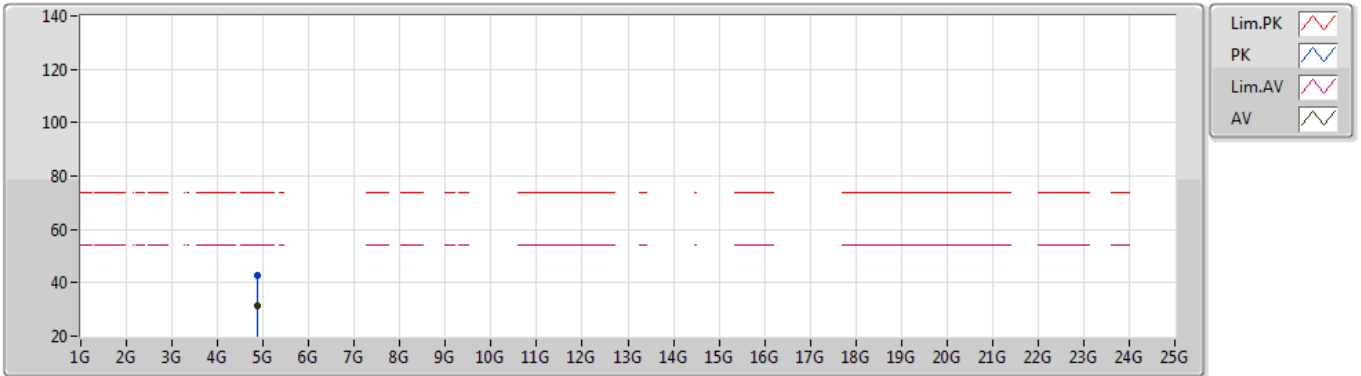


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87391G	32.09	54.00	-21.91	1.66	3	Vertical	169	1.50	-	30.43	31.25	5.34	34.93
PK	4.87426G	43.04	74.00	-30.96	1.66	3	Vertical	169	1.50	-	41.38	31.25	5.34	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

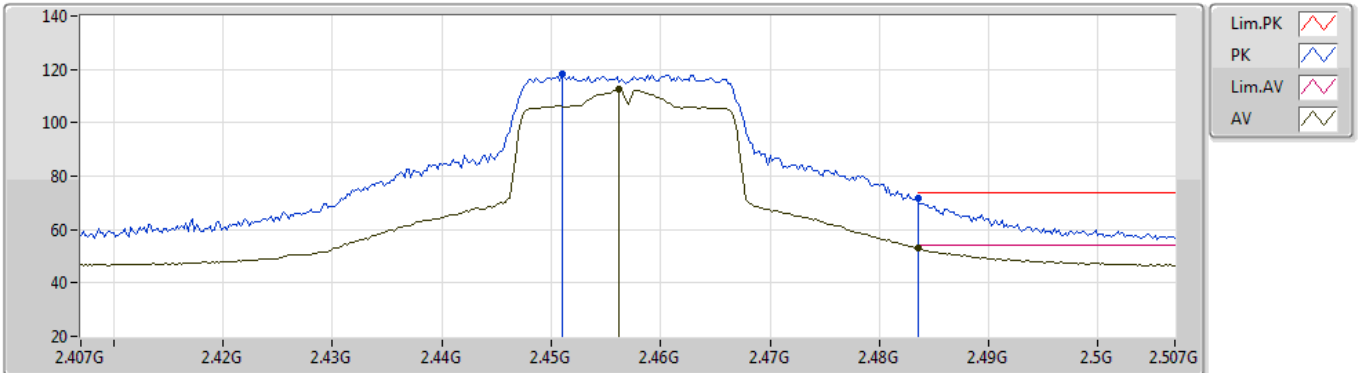


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87391G	31.20	54.00	-22.80	1.66	3	Horizontal	216	2.65	-	29.54	31.25	5.34	34.93
PK	4.87326G	42.93	74.00	-31.07	1.66	3	Horizontal	216	2.65	-	41.27	31.25	5.34	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

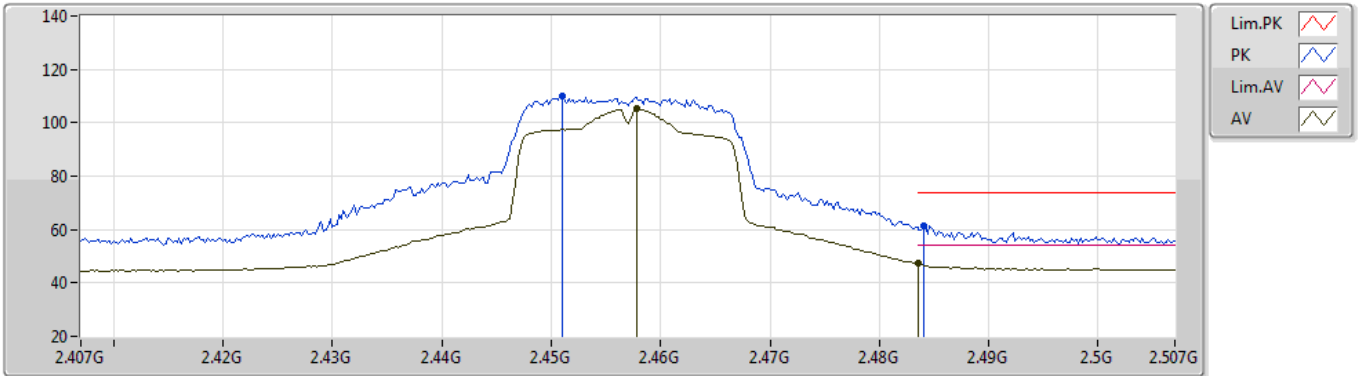
2457MHz_TX



802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2457MHz_TX

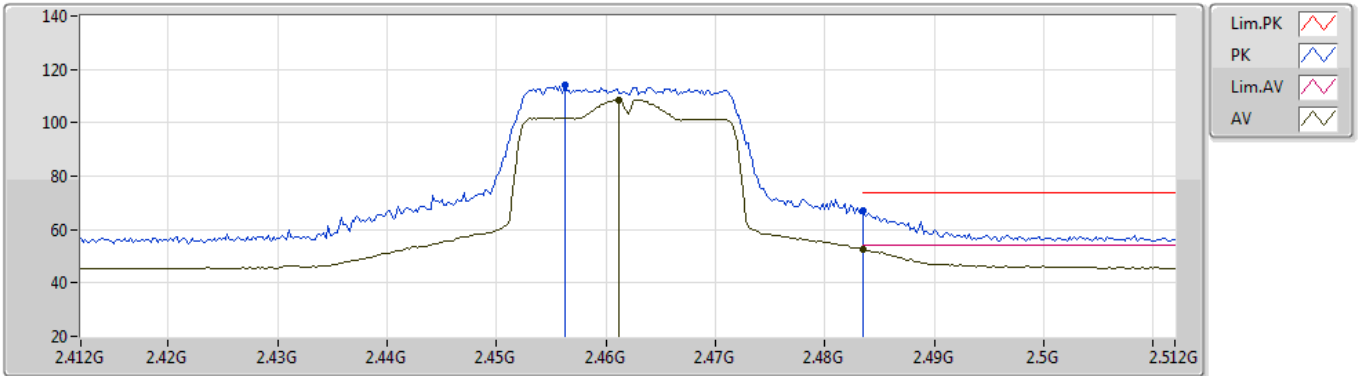


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4578G	105.10	Inf	-Inf	31.59	3	Horizontal	230	1.07	-	73.51	27.60	3.99	-
AV	2.4835G	47.25	54.00	-6.75	31.63	3	Horizontal	230	1.07	-	15.62	27.60	4.03	-
PK	2.451G	109.79	Inf	-Inf	31.58	3	Horizontal	230	1.07	-	78.21	27.60	3.98	-
PK	2.484G	61.51	74.00	-12.49	31.63	3	Horizontal	230	1.07	-	29.88	27.60	4.03	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2462MHz_TX

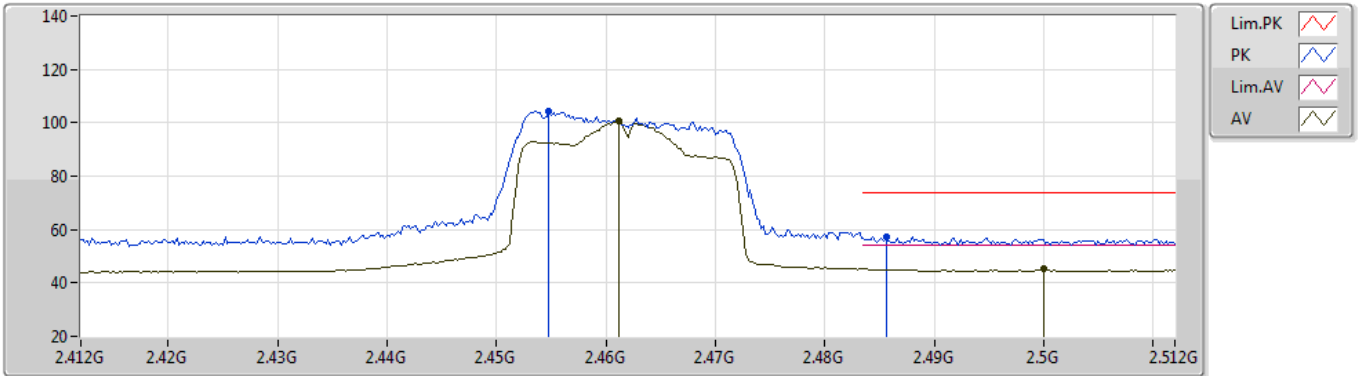


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4612G	108.68	Inf	-Inf	31.59	3	Vertical	256	1.48	-	77.09	27.60	3.99	-
AV	2.4835G	52.69	54.00	-1.31	31.63	3	Vertical	256	1.48	-	21.06	27.60	4.03	-
PK	2.4562G	113.95	Inf	-Inf	31.58	3	Vertical	256	1.48	-	82.37	27.60	3.98	-
PK	2.4835G	66.88	74.00	-7.12	31.63	3	Vertical	256	1.48	-	35.25	27.60	4.03	-

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

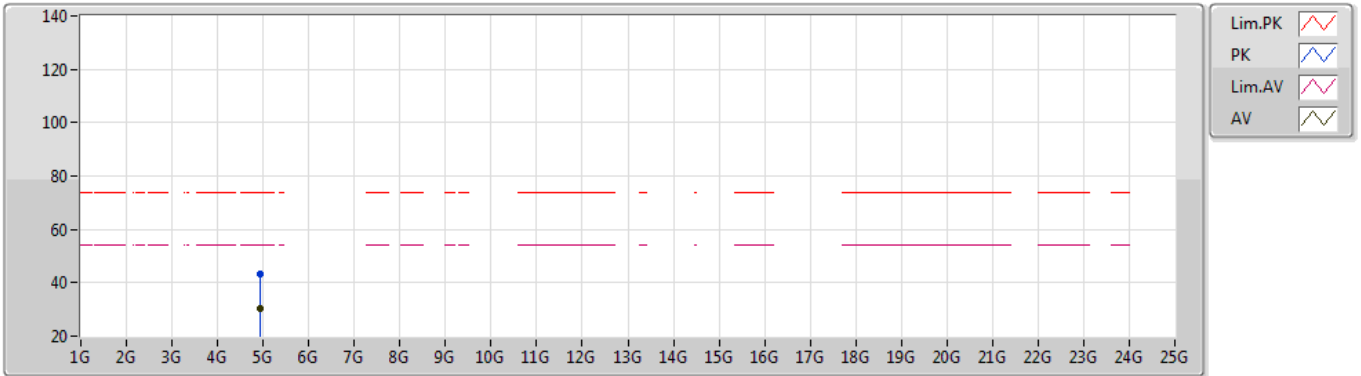
2462MHz_TX



802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2462MHz_TX

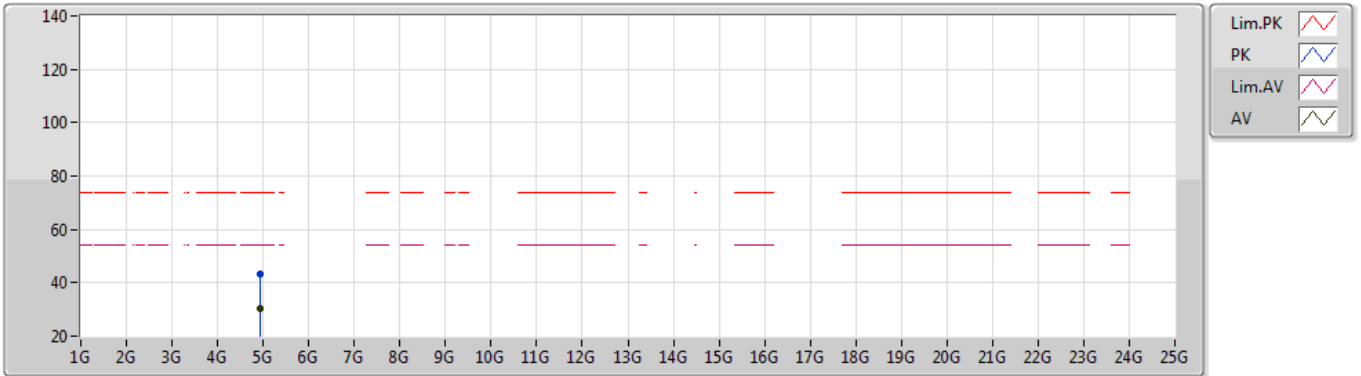


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.92234G	30.22	54.00	-23.78	1.71	3	Vertical	340	1.50	-	28.51	31.29	5.36	34.94
PK	4.92565G	43.02	74.00	-30.98	1.72	3	Vertical	340	1.50	-	41.30	31.30	5.36	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_3TX

14/12/2020

2462MHz_TX

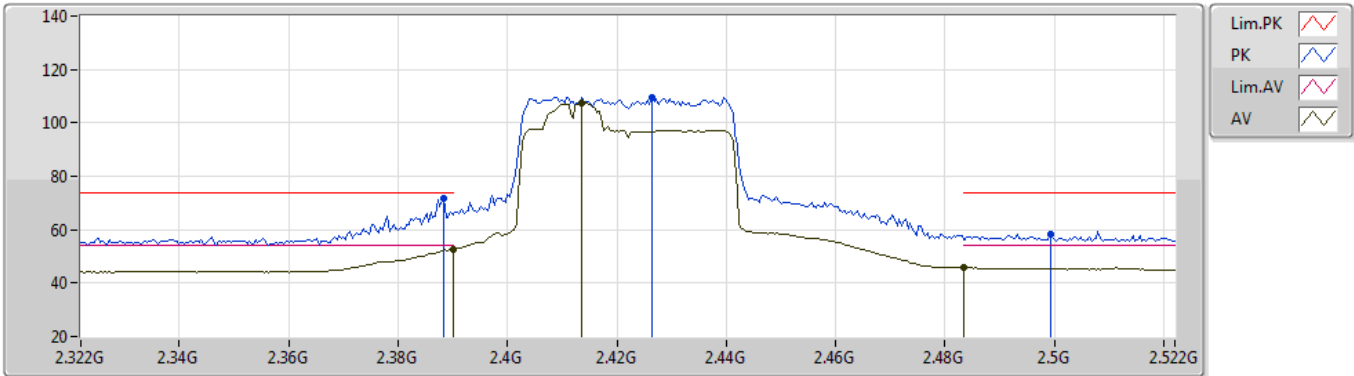


Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBm)	AF (dB)	CL (dB)	PA (dB)
AV	4.92407G	30.51	54.00	-23.49	1.72	3	Horizontal	141	1.50	-	28.79	31.30	5.36	34.94
PK	4.92487G	43.25	74.00	-30.75	1.72	3	Horizontal	141	1.50	-	41.53	31.30	5.36	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2422MHz_TX

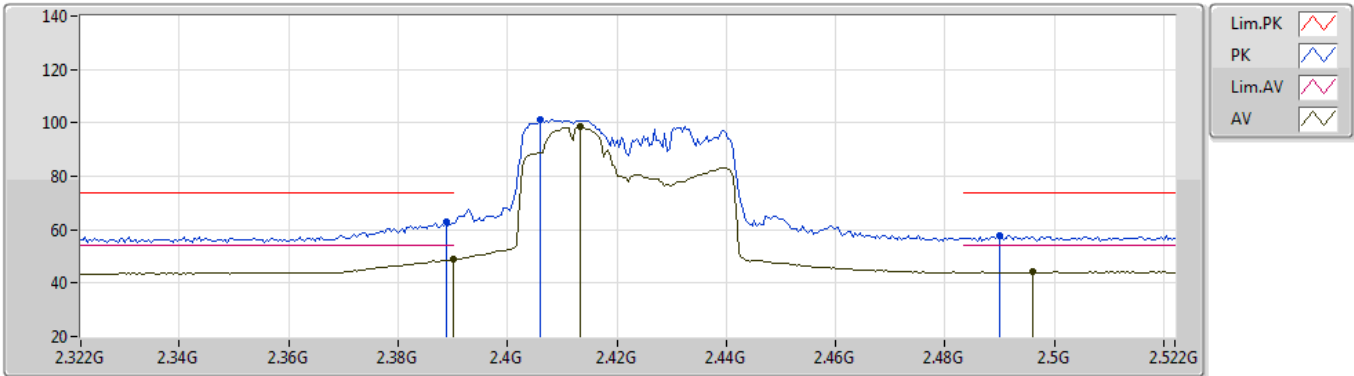


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	52.69	54.00	-1.31	31.52	3	Vertical	285	1.18	-	21.17	27.64	3.88	-
AV	2.4136G	107.33	Inf	-Inf	31.52	3	Vertical	285	1.18	-	75.81	27.60	3.92	-
AV	2.4835G	45.84	54.00	-8.16	31.63	3	Vertical	285	1.18	-	14.21	27.60	4.03	-
PK	2.3884G	71.74	74.00	-2.26	31.53	3	Vertical	285	1.18	-	40.21	27.65	3.88	-
PK	2.4264G	109.58	Inf	-Inf	31.54	3	Vertical	285	1.18	-	78.04	27.60	3.94	-
PK	2.4992G	58.23	74.00	-15.77	31.65	3	Vertical	285	1.18	-	26.58	27.60	4.05	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2422MHz_TX

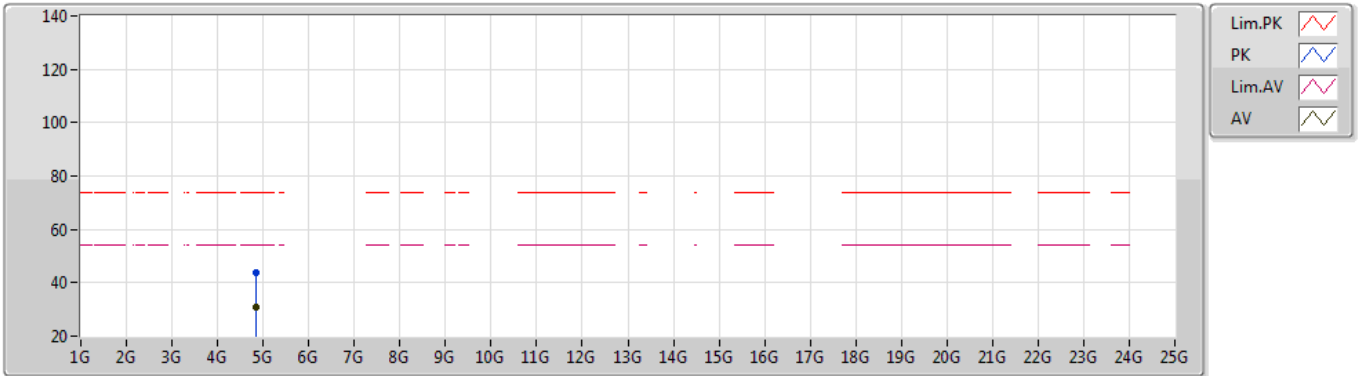


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	48.89	54.00	-5.11	31.52	3	Horizontal	222	1.50	-	17.37	27.64	3.88	-
AV	2.4132G	98.39	Inf	-Inf	31.52	3	Horizontal	222	1.50	-	66.87	27.60	3.92	-
AV	2.496G	44.11	54.00	-9.89	31.64	3	Horizontal	222	1.50	-	12.47	27.60	4.04	-
PK	2.3888G	63.14	74.00	-10.86	31.52	3	Horizontal	222	1.50	-	31.62	27.64	3.88	-
PK	2.406G	101.28	Inf	-Inf	31.51	3	Horizontal	222	1.50	-	69.77	27.60	3.91	-
PK	2.49G	57.75	74.00	-16.25	31.64	3	Horizontal	222	1.50	-	26.11	27.60	4.04	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2422MHz_TX

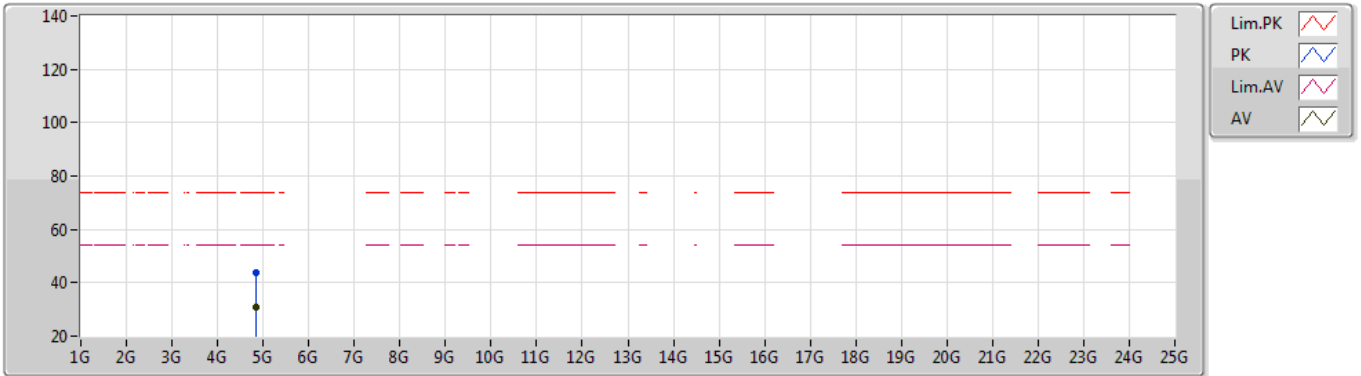


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84334G	31.04	54.00	-22.96	1.66	3	Vertical	301	3.00	-	29.38	31.27	5.32	34.93
PK	4.84901G	44.04	74.00	-29.96	1.69	3	Vertical	301	3.00	-	42.35	31.30	5.32	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2422MHz_TX

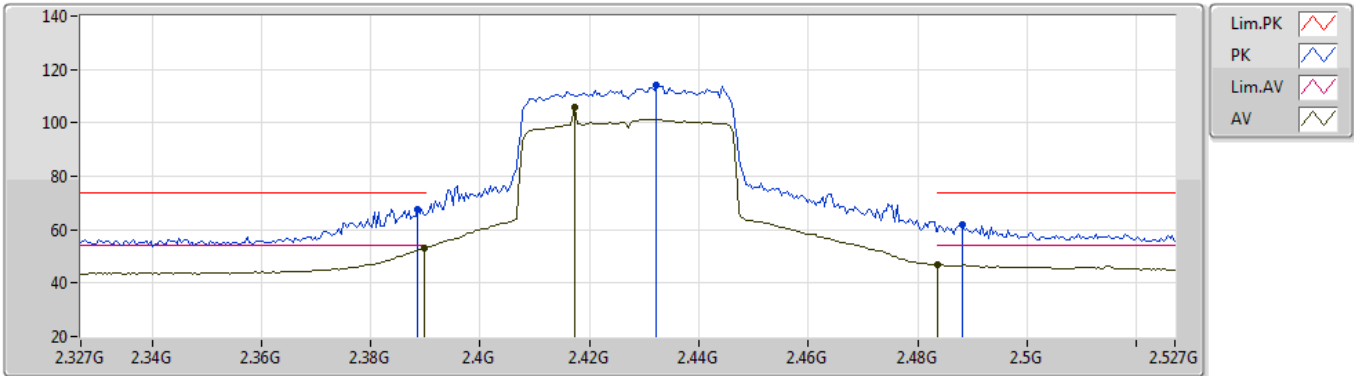


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.84556G	30.87	54.00	-23.13	1.67	3	Horizontal	63	1.50	-	29.20	31.28	5.32	34.93
PK	4.84067G	43.86	74.00	-30.14	1.65	3	Horizontal	63	1.50	-	42.21	31.26	5.32	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2427MHz_TX

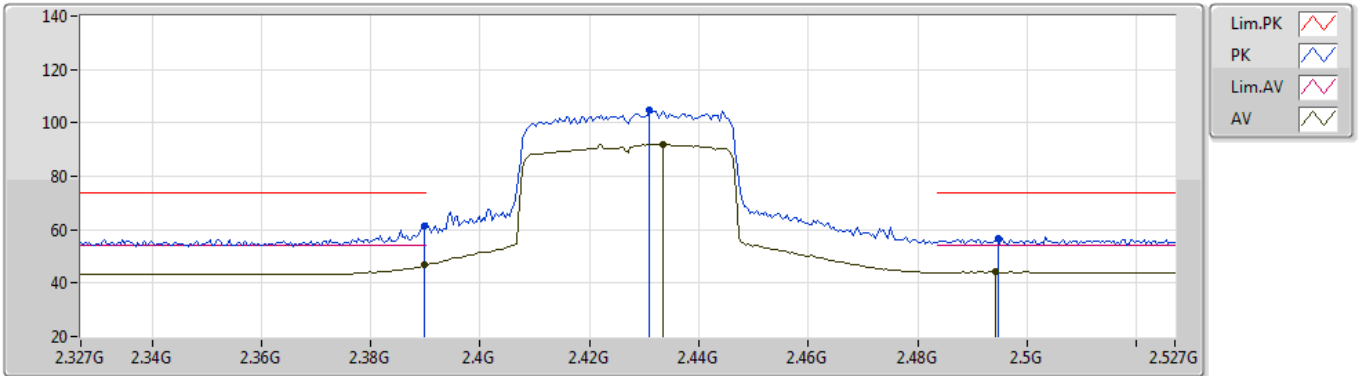


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	52.85	54.00	-1.15	31.52	3	Vertical	79	1.54	-	21.33	27.64	3.88	-
AV	2.4174G	106.08	Inf	-Inf	31.53	3	Vertical	79	1.54	-	74.55	27.60	3.93	-
AV	2.4835G	46.82	54.00	-7.18	31.63	3	Vertical	79	1.54	-	15.19	27.60	4.03	-
PK	2.3886G	67.75	74.00	-6.25	31.53	3	Vertical	79	1.54	-	36.22	27.65	3.88	-
PK	2.4322G	114.00	Inf	-Inf	31.55	3	Vertical	79	1.54	-	82.45	27.60	3.95	-
PK	2.4882G	62.12	74.00	-11.88	31.63	3	Vertical	79	1.54	-	30.49	27.60	4.03	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2427MHz_TX

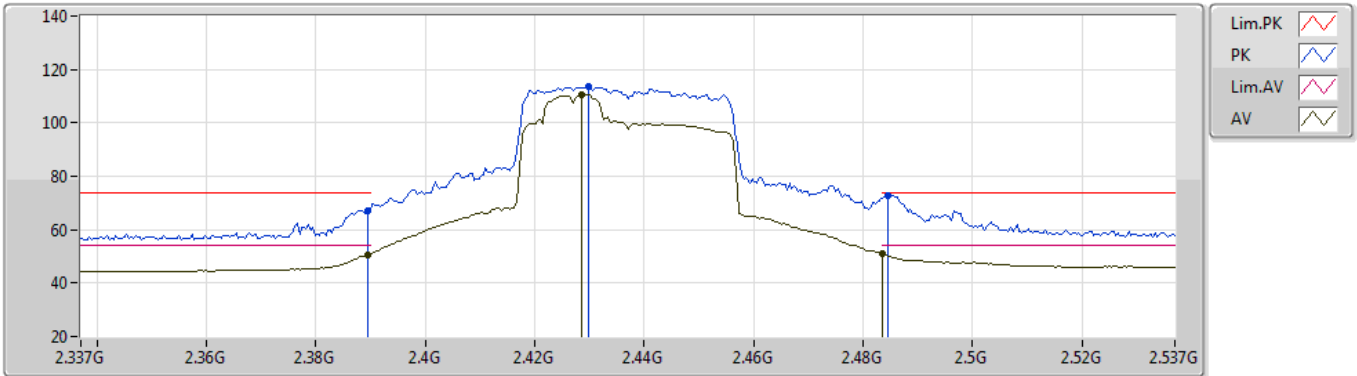


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	46.70	54.00	-7.30	31.52	3	Horizontal	161	1.46	-	15.18	27.64	3.88	-
AV	2.4334G	92.03	Inf	-Inf	31.55	3	Horizontal	161	1.46	-	60.48	27.60	3.95	-
AV	2.4942G	44.33	54.00	-9.67	31.64	3	Horizontal	161	1.46	-	12.69	27.60	4.04	-
PK	2.3898G	61.33	74.00	-12.67	31.52	3	Horizontal	161	1.46	-	29.81	27.64	3.88	-
PK	2.431G	104.98	Inf	-Inf	31.55	3	Horizontal	161	1.46	-	73.43	27.60	3.95	-
PK	2.4946G	56.98	74.00	-17.02	31.64	3	Horizontal	161	1.46	-	25.34	27.60	4.04	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

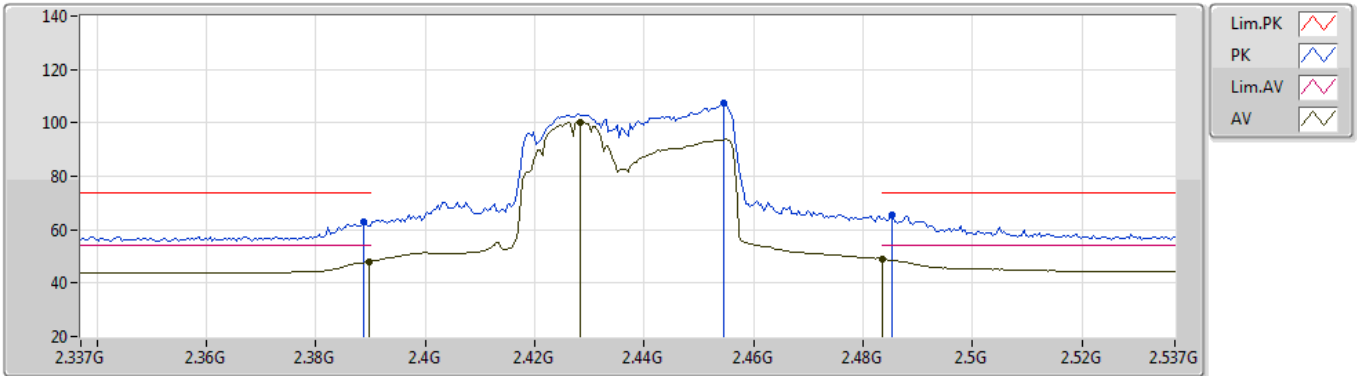


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3894G	50.41	54.00	-3.59	31.52	3	Vertical	66	1.00	-	18.89	27.64	3.88	-
AV	2.4286G	110.65	Inf	-Inf	31.54	3	Vertical	66	1.00	-	79.11	27.60	3.94	-
AV	2.4835G	50.90	54.00	-3.10	31.63	3	Vertical	66	1.00	-	19.27	27.60	4.03	-
PK	2.3894G	67.20	74.00	-6.80	31.52	3	Vertical	66	1.00	-	35.68	27.64	3.88	-
PK	2.4298G	113.79	Inf	-Inf	31.54	3	Vertical	66	1.00	-	82.25	27.60	3.94	-
PK	2.4846G	72.79	74.00	-1.21	31.63	3	Vertical	66	1.00	-	41.16	27.60	4.03	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

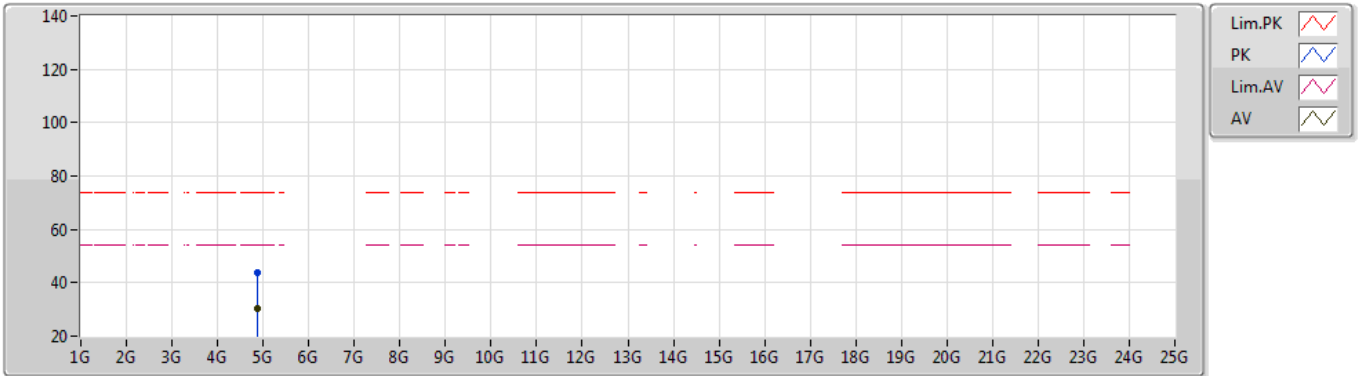


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	48.16	54.00	-5.84	31.52	3	Horizontal	236	1.49	-	16.64	27.64	3.88	-
AV	2.4282G	100.35	Inf	-Inf	31.54	3	Horizontal	236	1.49	-	68.81	27.60	3.94	-
AV	2.4835G	49.13	54.00	-4.87	31.63	3	Horizontal	236	1.49	-	17.50	27.60	4.03	-
PK	2.3886G	62.69	74.00	-11.31	31.53	3	Horizontal	236	1.49	-	31.16	27.65	3.88	-
PK	2.4546G	107.43	Inf	-Inf	31.58	3	Horizontal	236	1.49	-	75.85	27.60	3.98	-
PK	2.4854G	65.43	74.00	-8.57	31.63	3	Horizontal	236	1.49	-	33.80	27.60	4.03	-

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

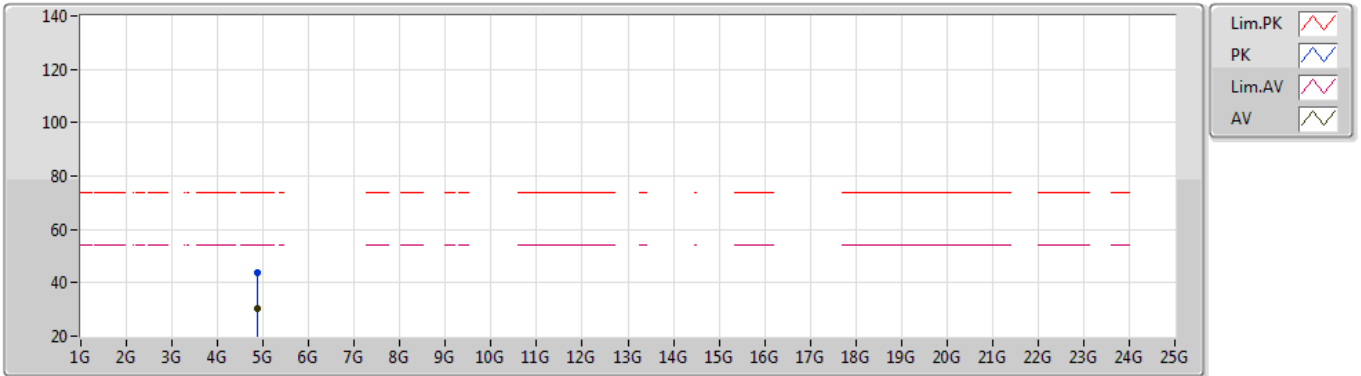


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87343G	30.09	54.00	-23.91	1.66	3	Vertical	251	1.50	-	28.43	31.25	5.34	34.93
PK	4.87397G	43.56	74.00	-30.44	1.66	3	Vertical	251	1.50	-	41.90	31.25	5.34	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_3TX

14/12/2020

2437MHz_TX

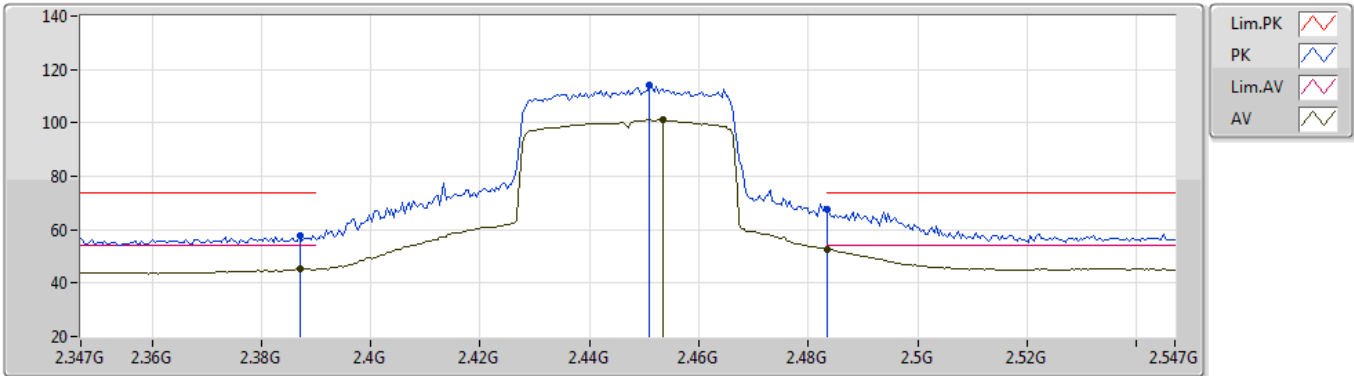


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87607G	30.16	54.00	-23.84	1.66	3	Horizontal	286	1.50	-	28.50	31.25	5.34	34.93
PK	4.88132G	43.59	74.00	-30.41	1.65	3	Horizontal	286	1.50	-	41.94	31.24	5.34	34.93

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2447MHz_TX

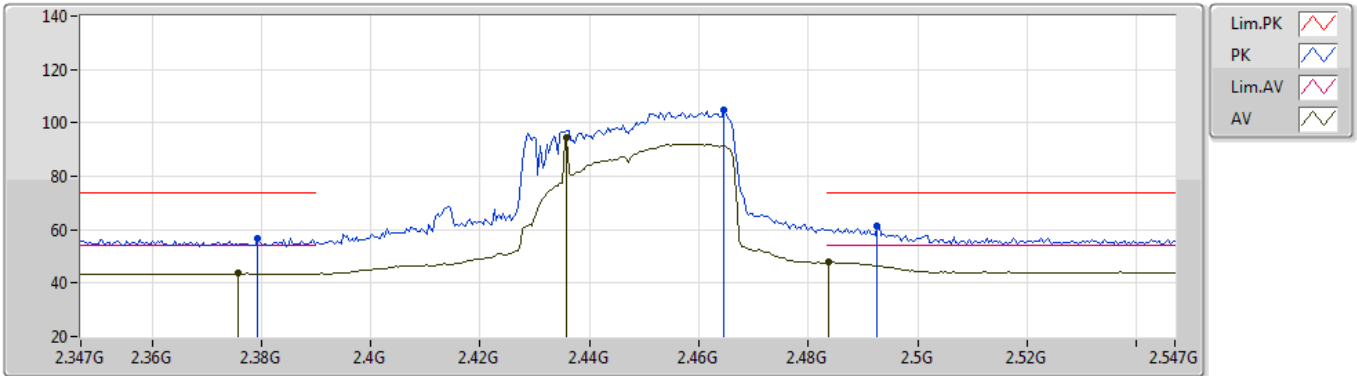


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.387G	45.29	54.00	-8.71	31.53	3	Vertical	291	1.55	-	13.76	27.65	3.88	-
AV	2.4534G	101.25	Inf	-Inf	31.58	3	Vertical	291	1.55	-	69.67	27.60	3.98	-
AV	2.4835G	52.80	54.00	-1.20	31.63	3	Vertical	291	1.55	-	21.17	27.60	4.03	-
PK	2.387G	57.74	74.00	-16.26	31.53	3	Vertical	291	1.55	-	26.21	27.65	3.88	-
PK	2.451G	114.21	Inf	-Inf	31.58	3	Vertical	291	1.55	-	82.63	27.60	3.98	-
PK	2.4835G	67.83	74.00	-6.17	31.63	3	Vertical	291	1.55	-	36.20	27.60	4.03	-

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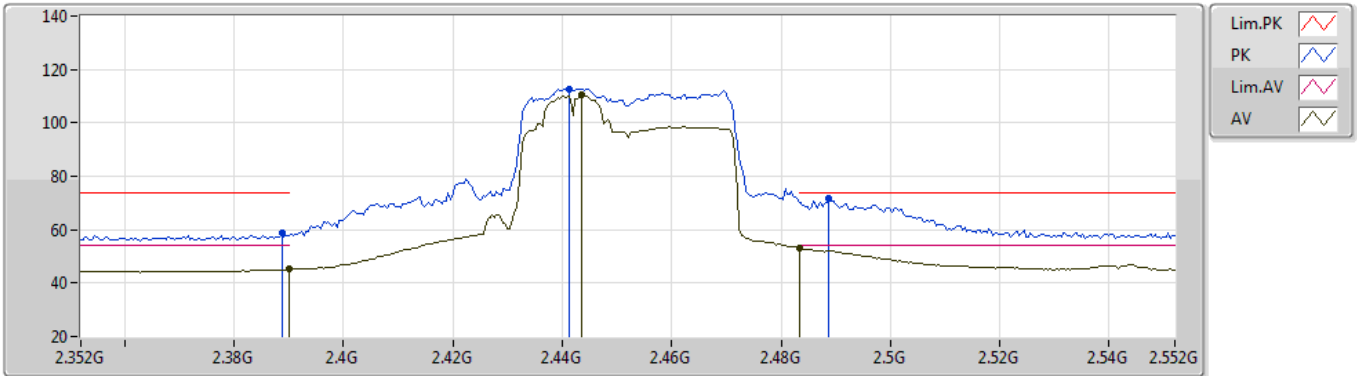


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3758G	43.64	54.00	-10.36	31.56	3	Horizontal	229	1.75	-	12.08	27.70	3.86	-
AV	2.4358G	94.46	Inf	-Inf	31.55	3	Horizontal	229	1.75	-	62.91	27.60	3.95	-
AV	2.4838G	47.84	54.00	-6.16	31.63	3	Horizontal	229	1.75	-	16.21	27.60	4.03	-
PK	2.3794G	56.81	74.00	-17.19	31.55	3	Horizontal	229	1.75	-	25.26	27.68	3.87	-
PK	2.4646G	104.92	Inf	-Inf	31.60	3	Horizontal	229	1.75	-	73.32	27.60	4.00	-
PK	2.4926G	61.34	74.00	-12.66	31.64	3	Horizontal	229	1.75	-	29.70	27.60	4.04	-

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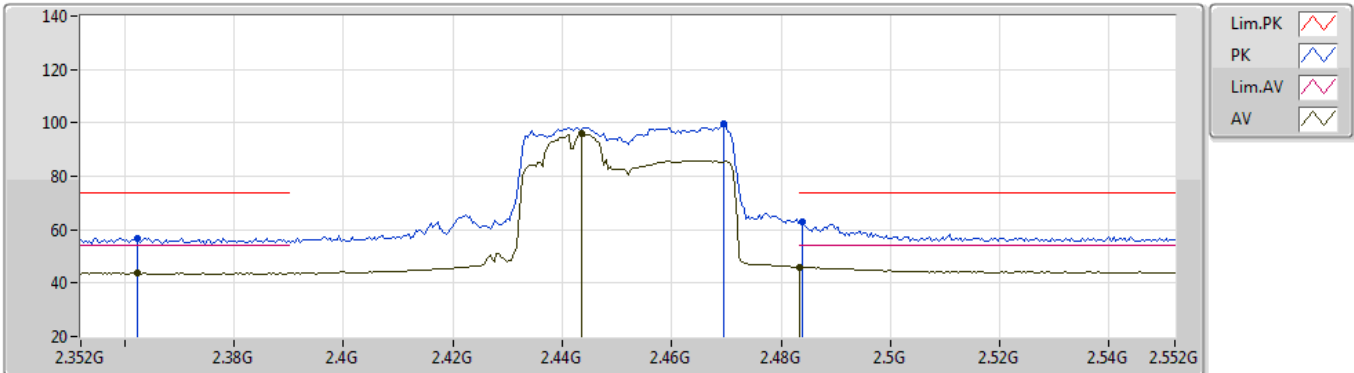


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.39G	45.12	54.00	-8.88	31.52	3	Vertical	272	2.43	-	13.60	27.64	3.88	-
AV	2.4436G	110.29	Inf	-Inf	31.57	3	Vertical	272	2.43	-	78.72	27.60	3.97	-
AV	2.4835G	52.95	54.00	-1.05	31.63	3	Vertical	272	2.43	-	21.32	27.60	4.03	-
PK	2.3888G	58.65	74.00	-15.35	31.52	3	Vertical	272	2.43	-	27.13	27.64	3.88	-
PK	2.4412G	112.81	Inf	-Inf	31.56	3	Vertical	272	2.43	-	81.25	27.60	3.96	-
PK	2.4888G	71.90	74.00	-2.10	31.63	3	Vertical	272	2.43	-	40.27	27.60	4.03	-

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2452MHz_TX

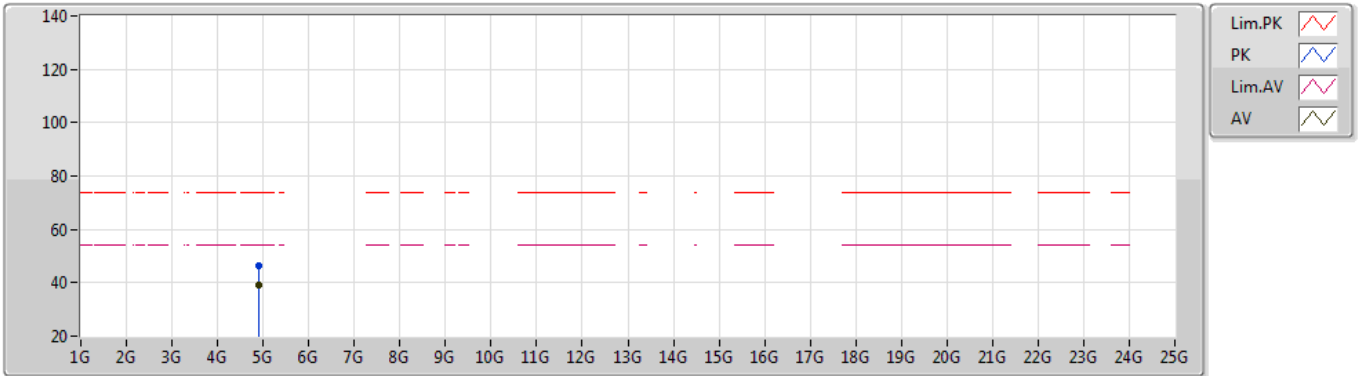


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3624G	43.71	54.00	-10.29	31.59	3	Horizontal	175	1.47	-	12.12	27.75	3.84	-
AV	2.4436G	96.02	Inf	-Inf	31.57	3	Horizontal	175	1.47	-	64.45	27.60	3.97	-
AV	2.4835G	45.93	54.00	-8.07	31.63	3	Horizontal	175	1.47	-	14.30	27.60	4.03	-
PK	2.3624G	56.94	74.00	-17.06	31.59	3	Horizontal	175	1.47	-	25.35	27.75	3.84	-
PK	2.4696G	99.47	Inf	-Inf	31.60	3	Horizontal	175	1.47	-	67.87	27.60	4.00	-
PK	2.484G	63.04	74.00	-10.96	31.63	3	Horizontal	175	1.47	-	31.41	27.60	4.03	-

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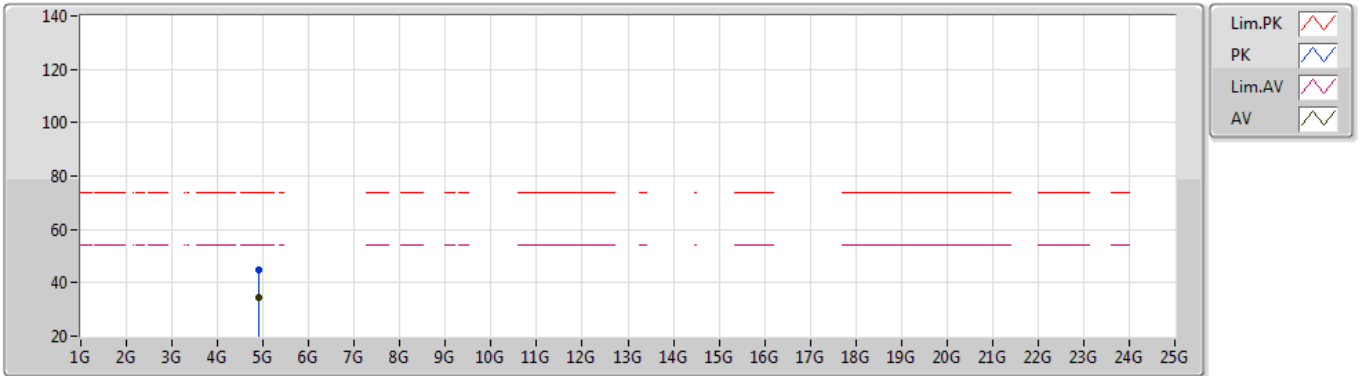


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.89964G	39.33	54.00	-14.67	1.62	3	Vertical	121	2.81	-	37.71	31.20	5.35	34.93
PK	4.89958G	46.37	74.00	-27.63	1.62	3	Vertical	121	2.81	-	44.75	31.20	5.35	34.93

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Type	Freq (Hz)	Level (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	4.89959G	34.48	54.00	-19.52	1.62	3	Horizontal	89	1.00	-	32.86	31.20	5.35	34.93
PK	4.89926G	44.68	74.00	-29.32	1.62	3	Horizontal	89	1.00	-	43.06	31.20	5.35	34.93