FCC Test Report

FCC ID	:	**NM82Q9R100**
Equipment	:	**Headset**
Brand Name	:	**VIVE**
Model Name	:	**2Q9R100**
Applicant	:	**HTC Corporation** **No.88, Sec. 3, Zhongxing Rd., Xindian Dist., New Taipei City 231, Taiwan (R.O.C.)**
Manufacturer	:	**HTC Corporation** **No.23, Xinghua Rd., Taoyuan District, Taoyuan City, Taiwan 330**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Aug. 05, 2020, and testing was started from Aug. 12, 2020 and completed on Aug. 22, 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
FR073116-01AC	01	Initial issue of report	Sep. 07, 2020

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
According to the applicant's requirements, the only Conducted power was to evaluate 1TX/2TX.

Reviewed by: Sam Tsai
Report Producer: Yunha Liou

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]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX(Port1)
2.4-2.4835GHz	802.11b	20	1TX(Port2)
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	1TX(Port1)
2.4-2.4835GHz	802.11g	20	1TX(Port2)
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	VHT20	20	1TX(Port1)
2.4-2.4835GHz	VHT20	20	1TX(Port2)
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT40	40	1TX(Port1)
2.4-2.4835GHz	VHT40	40	1TX(Port2)
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX(Port1)
2.4-2.4835GHz	802.11ax HEW20	20	1TX(Port2)
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW40	40	1TX(Port1)
2.4-2.4835GHz	802.11ax HEW40	40	1TX(Port2)
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- The resource unit of HEW 20, HEW 40 only support full loading.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	Dipole	HRS
2	-	-	Dipole	HRS

Ant.	Port	Gain (dBi)					
		2.4G	5G				BT
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3	
1	1	1	1.5	1.5	2.0	2.0	1

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

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

For BT function:

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

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

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / From Host system			
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

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_1TX(Port1)	0.982	0.08	665u	10
802.11b_Nss1,(1Mbps)_1TX(Port2)	0.982	0.08	665u	10
802.11b_Nss1,(1Mbps)_2TX	0.982	0.08	665u	10
802.11g_Nss1,(6Mbps)_1TX(Port1)	0.992	0.03	1.977m	10
802.11g_Nss1,(6Mbps)_1TX(Port2)	0.992	0.03	1.977m	10
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	1.977m	10
VHT20_Nss1,(MCS0)_ 1TX(Port1)	0.997	0.01	5.429m	10
VHT20_Nss1,(MCS0)_ 1TX(Port2)	0.997	0.01	5.429m	10
VHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.429m	10
VHT40_Nss1,(MCS0)_ 1TX(Port1)	0.997	0.01	5.429m	10
VHT40_Nss1,(MCS0)_ 1TX(Port2)	0.997	0.01	5.429m	10
VHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.429m	10
802.11ax HEW20_Nss1,(MCS0)_ 1TX(Port1)	0.998	0.01	5.446m	10
802.11ax HEW20_Nss1,(MCS0)_ 1TX(Port2)	0.998	0.01	5.446m	10
802.11ax HEW20_Nss1,(MCS0)_2TX	0.998	0.01	5.446m	10
802.11ax HEW40_Nss1,(MCS0)_ 1TX(Port1)	0.997	0.01	5.446m	10
802.11ax HEW40_Nss1,(MCS0)_ 1TX(Port2)	0.997	0.01	5.446m	10
802.11ax HEW40_Nss1,(MCS0)_2TX	0.997	0.01	5.446m	10

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	22.5~24.3°C / 54~58%	22/Aug/2020
RF Conducted	TH06-HY	Vivi	20.1~26.5°C / 50~60%	12/Aug/2020~ 19/Aug/2020
Radiated	03CH03-HY	Edward	20.1~24.9°C / 56~66%	14/Aug/2020~ 17/Aug/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	QRCT_4.0.00147.0

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port1)	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_1TX(Port1)	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	18
2437MHz	18
2462MHz	18
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	18
2437MHz	18
2462MHz	18
VHT20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	17

Mode	Power Setting
2437MHz	17
2462MHz	17
VHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	17
2437MHz	17
2462MHz	17
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	17
2437MHz	17
2462MHz	17
VHT40_Nss1,(MCS0)_1TX(Port1)	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5
VHT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	16.5
2437MHz	16.5
2452MHz	16.5
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-
2412MHz	17
2437MHz	17
2462MHz	17
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	17
2437MHz	17
2462MHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	17
2437MHz	17
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-
2422MHz	17

Mode	Power Setting
2437MHz	17
2452MHz	17
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	17
2437MHz	17
2452MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	17
2437MHz	17
2452MHz	17

2.3 The Worst Case Measurement Configuration

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

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

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

2.4 Accessories

Accessories				
AC Adapter	**Brand Name**	hTC	**Model Name**	TC P5000-US
	Power Rating	I/P:100 - 240 Vac, 500mA, O/P: 5Vdc, 2500mA		
Battery	**Brand Name**	hTC	**Model Name**	B2PXH100
	Power Rating	3.85Vdc, 4000mAh	**Type**	Li-ion
USB Cable 1	**Brand Name**	LUXSHARE-ICT	**Model Name**	DC M700
	Signal Line	1.15 meter, non-shielded cable, w/o ferrite core		
USB Cable 2	**Brand Name**	Panpei	**Model Name**	DC M700
	Signal Line	1.15 meter, non-shielded cable, w/o ferrite core		
Controller	**Brand Name**	VIVE	**Model Name**	2Q6M200

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

2.5 Support Equipment

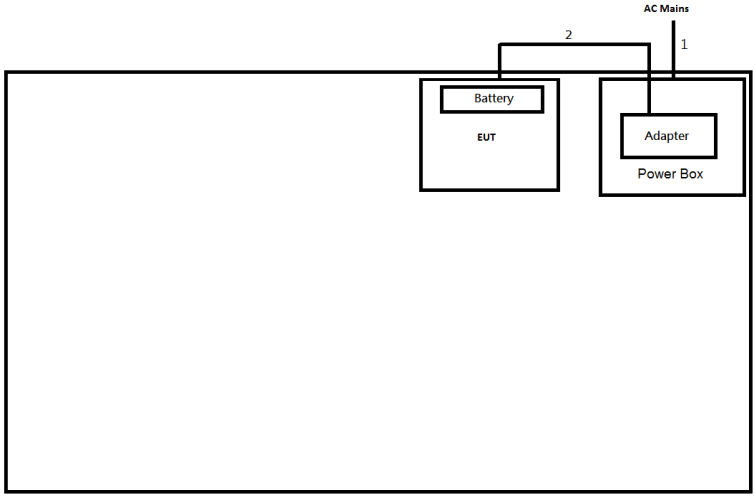
Support Equipment – AC Conduction / Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	5220m	-	-
2	Adapter for NB	HP	PPP012H-S	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	-	-	-	Note 1

Note: No.3 was provided by customer.

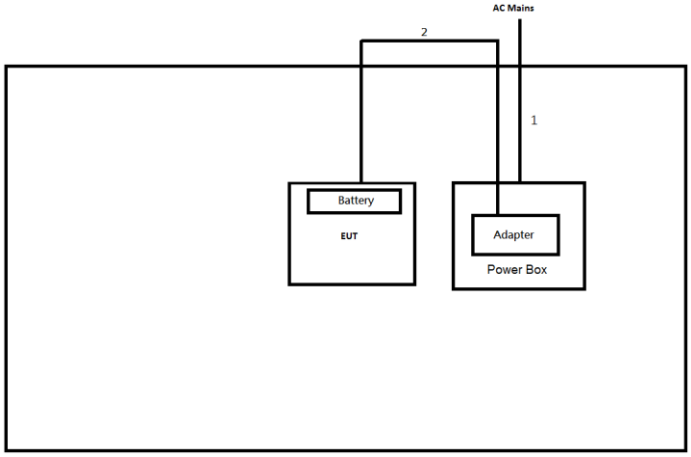
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

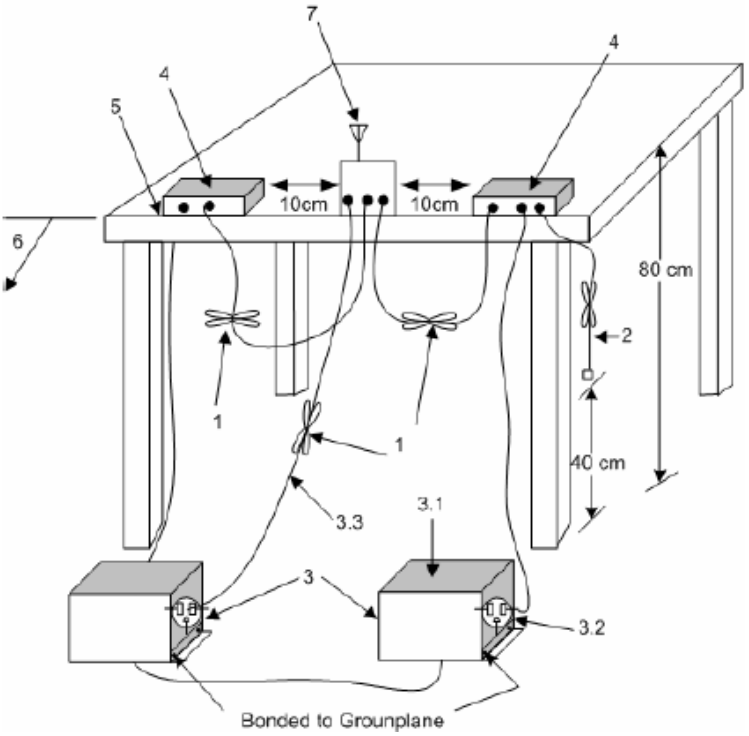
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

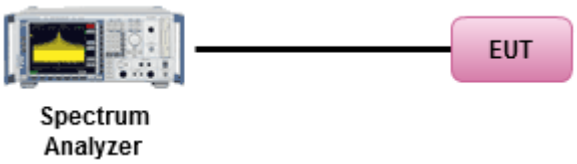
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ 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): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm	
	▪ Smart antenna system (SAS)	
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

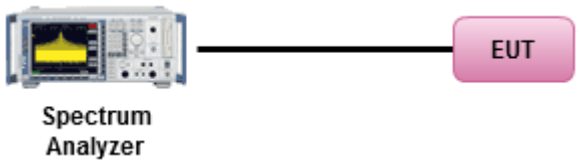
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

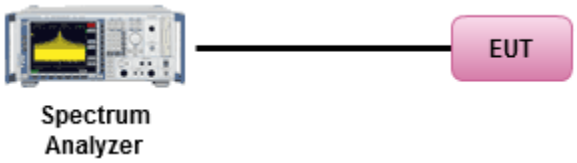
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

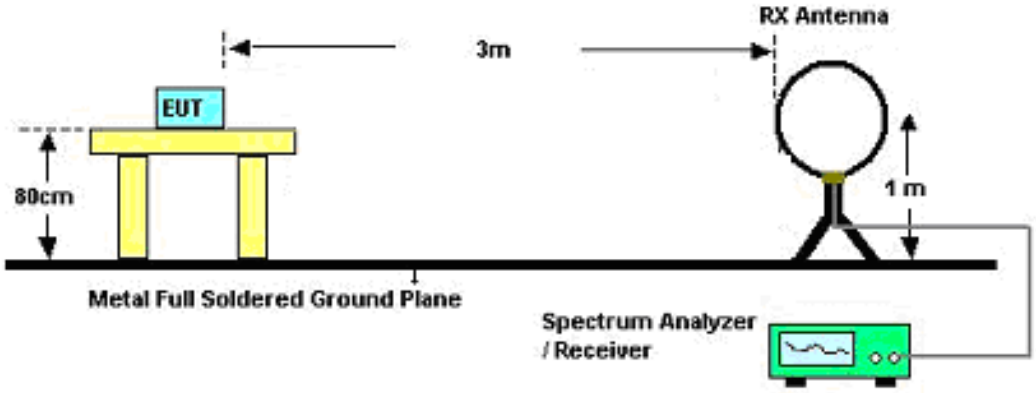
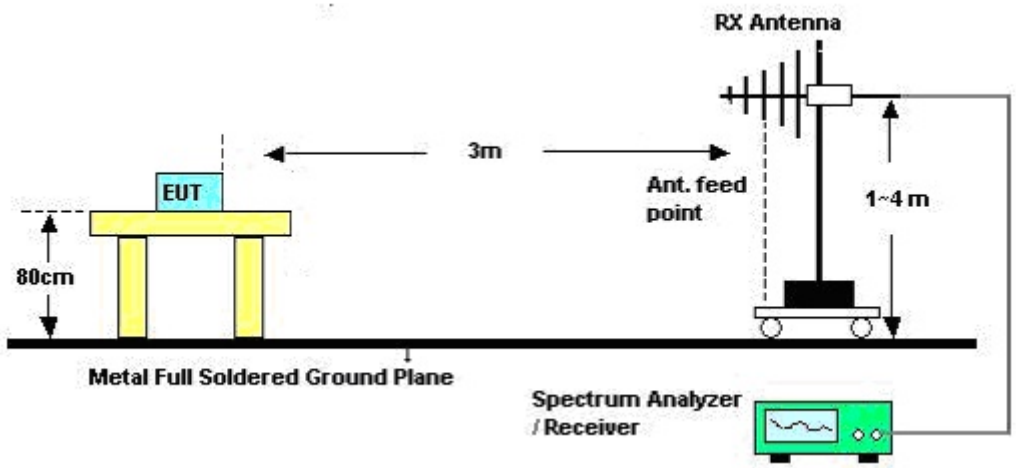
3.6.3 Test Procedures

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

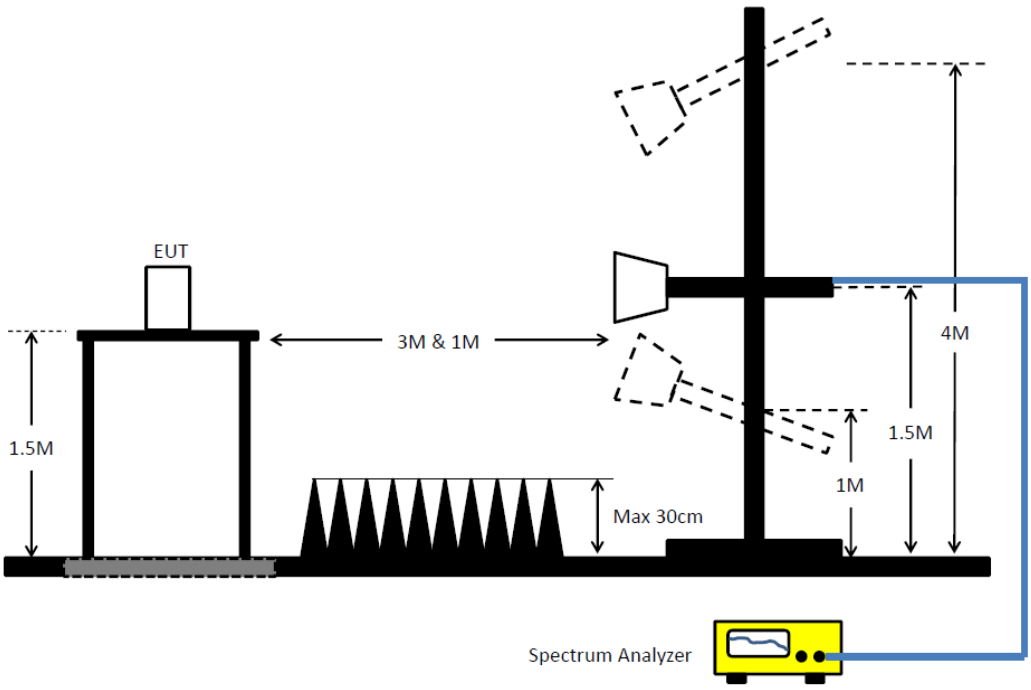
3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz ~ 40GHz	19/Mar/2020	18/Mar/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz ~ 40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	917017	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	949003	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	04/Aug/2020	03/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz ~ 1GHz	19/Apr/2020	18/Apr/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz ~ 1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4+SN 804300/4	1GHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	13/Mar/2020	12/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
Signal Analyzer	R&S	FSV 40	101515	10Hz ~ 40GHz	15/Feb/2020	14/Feb/2021

Summary

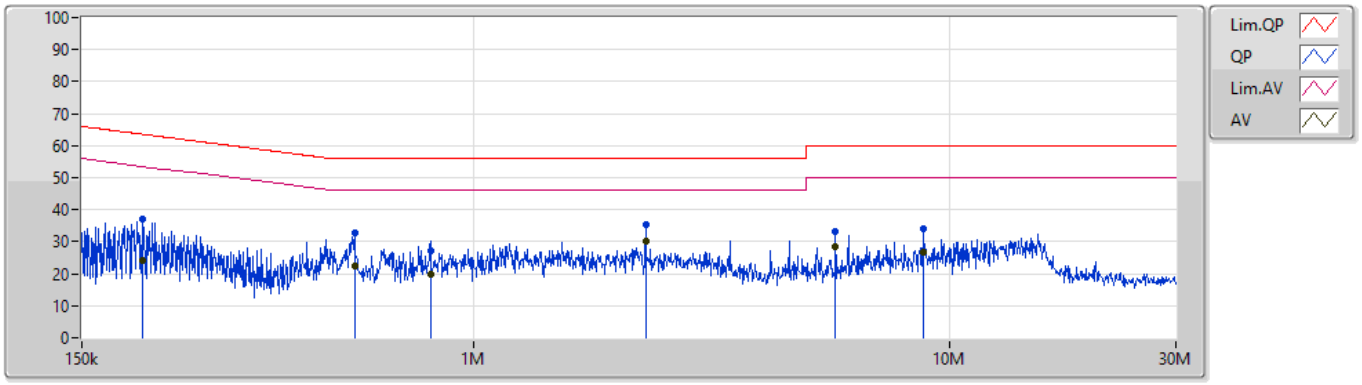
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	2.301M	34.27	46.00	-11.73	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	200.748k	36.87	63.57	-26.70	Line	-
Mode 1	Pass	AV	200.748k	23.97	53.57	-29.60	Line	-
Mode 1	Pass	QP	562.277k	32.89	56.00	-23.11	Line	-
Mode 1	Pass	AV	562.277k	22.47	46.00	-23.53	Line	-
Mode 1	Pass	QP	811.805k	27.17	56.00	-28.83	Line	-
Mode 1	Pass	AV	811.805k	19.90	46.00	-26.10	Line	-
Mode 1	Pass	QP	2.301M	35.23	56.00	-20.77	Line	-
Mode 1	Pass	AV	2.301M	30.30	46.00	-15.70	Line	“Worst”
Mode 1	Pass	QP	5.764M	33.09	60.00	-26.91	Line	-
Mode 1	Pass	AV	5.764M	28.56	50.00	-21.44	Line	-
Mode 1	Pass	QP	8.835M	33.97	60.00	-26.03	Line	-
Mode 1	Pass	AV	8.835M	26.68	50.00	-23.32	Line	-
Mode 1	Pass	QP	167.071k	34.44	65.10	-30.66	Neutral	-
Mode 1	Pass	AV	167.071k	22.95	55.10	-32.15	Neutral	-
Mode 1	Pass	QP	458.702k	30.85	56.71	-25.86	Neutral	-
Mode 1	Pass	AV	458.702k	19.98	46.71	-26.73	Neutral	-
Mode 1	Pass	QP	548.969k	37.32	56.00	-18.68	Neutral	-
Mode 1	Pass	AV	548.969k	25.14	46.00	-20.86	Neutral	-
Mode 1	Pass	QP	2.301M	40.54	56.00	-15.46	Neutral	-
Mode 1	Pass	AV	2.301M	34.27	46.00	-11.73	Neutral	“Worst”
Mode 1	Pass	QP	5.764M	37.59	60.00	-22.41	Neutral	-
Mode 1	Pass	AV	5.764M	32.01	50.00	-17.99	Neutral	-
Mode 1	Pass	QP	15.45M	36.05	60.00	-23.95	Neutral	-
Mode 1	Pass	AV	15.45M	28.37	50.00	-21.63	Neutral	-

Conducted Emissions at Powerline_Mode 1

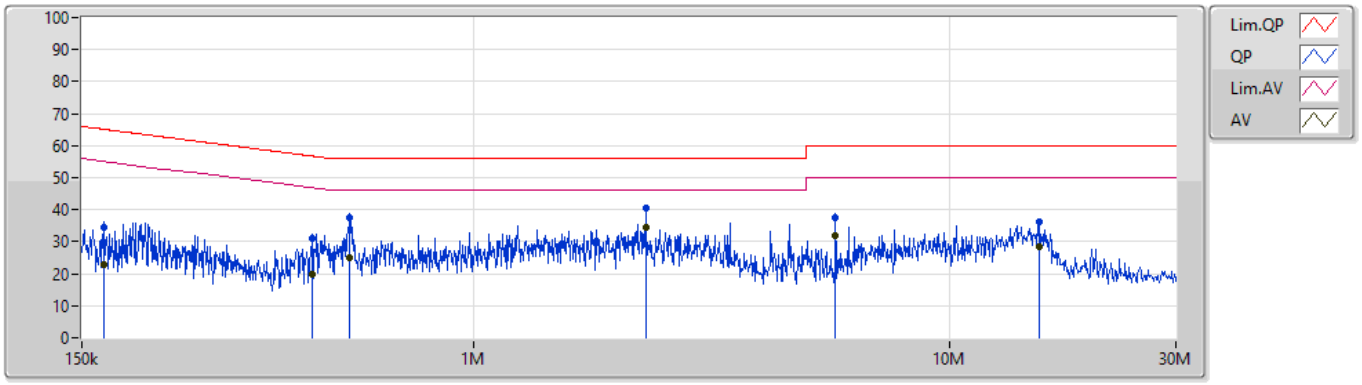
22/08/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	200.748k	36.87	63.57	-26.70	19.63	Line	-	17.24	9.65	0.11	9.87
AV	200.748k	23.97	53.57	-29.60	19.63	Line	-	4.34	9.65	0.11	9.87
QP	562.277k	32.89	56.00	-23.11	19.63	Line	-	13.26	9.64	0.12	9.87
AV	562.277k	22.47	46.00	-23.53	19.63	Line	-	2.84	9.64	0.12	9.87
QP	811.805k	27.17	56.00	-28.83	19.62	Line	-	7.55	9.64	0.11	9.87
AV	811.805k	19.90	46.00	-26.10	19.62	Line	-	0.28	9.64	0.11	9.87
QP	2.301M	35.23	56.00	-20.77	19.67	Line	-	15.56	9.65	0.15	9.87
AV	2.301M	30.30	46.00	-15.70	19.67	Line	"Worst"	10.63	9.65	0.15	9.87
QP	5.764M	33.09	60.00	-26.91	19.77	Line	-	13.32	9.67	0.22	9.88
AV	5.764M	28.56	50.00	-21.44	19.77	Line	-	8.79	9.67	0.22	9.88
QP	8.835M	33.97	60.00	-26.03	19.83	Line	-	14.14	9.69	0.26	9.88
AV	8.835M	26.68	50.00	-23.32	19.83	Line	-	6.85	9.69	0.26	9.88

Conducted Emissions at Powerline_Mode 1

22/08/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	167.071k	34.44	65.10	-30.66	19.63	Neutral	-	14.81	9.65	0.11	9.87
AV	167.071k	22.95	55.10	-32.15	19.63	Neutral	-	3.32	9.65	0.11	9.87
QP	458.702k	30.85	56.71	-25.86	19.63	Neutral	-	11.22	9.63	0.13	9.87
AV	458.702k	19.98	46.71	-26.73	19.63	Neutral	-	0.35	9.63	0.13	9.87
QP	548.969k	37.32	56.00	-18.68	19.62	Neutral	-	17.70	9.63	0.12	9.87
AV	548.969k	25.14	46.00	-20.86	19.62	Neutral	-	5.52	9.63	0.12	9.87
QP	2.301M	40.54	56.00	-15.46	19.67	Neutral	-	20.87	9.65	0.15	9.87
AV	2.301M	34.27	46.00	-11.73	19.67	Neutral	"Worst"	14.60	9.65	0.15	9.87
QP	5.764M	37.59	60.00	-22.41	19.78	Neutral	-	17.81	9.68	0.22	9.88
AV	5.764M	32.01	50.00	-17.99	19.78	Neutral	-	12.23	9.68	0.22	9.88
QP	15.45M	36.05	60.00	-23.95	19.91	Neutral	-	16.14	9.71	0.32	9.88
AV	15.45M	28.37	50.00	-21.63	19.91	Neutral	-	8.46	9.71	0.32	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.075M	12.914M	12M9G1D	8.025M	12.734M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.352M	16M4D1D	15.675M	16.312M
VHT20_Nss1,(MCS0)_2TX	16.9M	17.551M	17M6D1D	16.275M	17.511M
VHT40_Nss1,(MCS0)_2TX	35.6M	36.062M	36M1D1D	31.9M	35.862M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.55M	18.871M	18M9D1D	17.125M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.1M	37.701M	37M7D1D	33.4M	37.381M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.075M	12.834M	8.025M	12.734M
2437MHz	Pass	500k	8.075M	12.854M	8.05M	12.854M
2462MHz	Pass	500k	8.075M	12.834M	8.05M	12.914M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.725M	16.332M	15.675M	16.332M
2437MHz	Pass	500k	15.7M	16.312M	16.3M	16.352M
2462MHz	Pass	500k	15.85M	16.312M	16.3M	16.332M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.9M	17.531M	16.325M	17.531M
2437MHz	Pass	500k	16.9M	17.551M	16.9M	17.531M
2462MHz	Pass	500k	16.275M	17.511M	16.9M	17.551M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.95M	35.862M	33.8M	35.862M
2437MHz	Pass	500k	35.6M	36.022M	34.8M	35.982M
2452MHz	Pass	500k	34.8M	36.062M	31.9M	35.942M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.125M	18.851M	18.55M	18.831M
2437MHz	Pass	500k	18.35M	18.871M	18.375M	18.871M
2462MHz	Pass	500k	18.2M	18.831M	17.525M	18.831M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.4M	37.381M	35.45M	37.461M
2437MHz	Pass	500k	36.55M	37.621M	37.1M	37.661M
2452MHz	Pass	500k	35.3M	37.701M	36.75M	37.661M

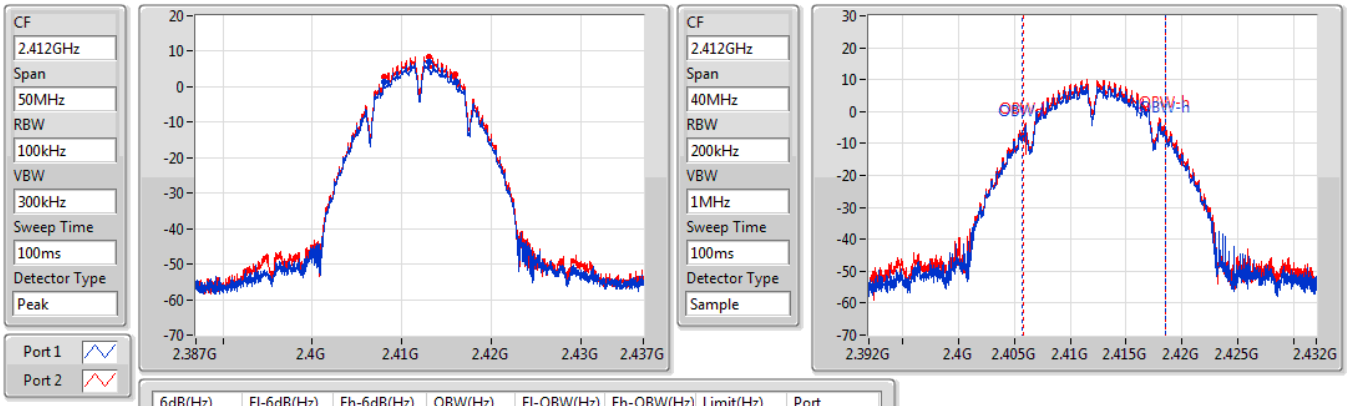
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

18/08/2020



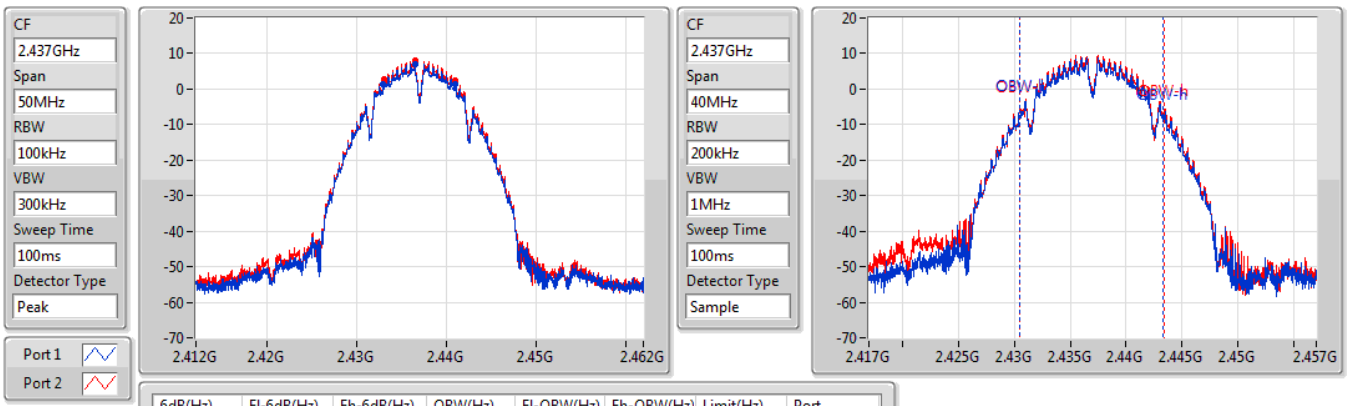
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.407975G	2.41605G	12.834M	2.405723G	2.418557G	500k	1
8.025M	2.408G	2.416025G	12.734M	2.405803G	2.418537G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

18/08/2020



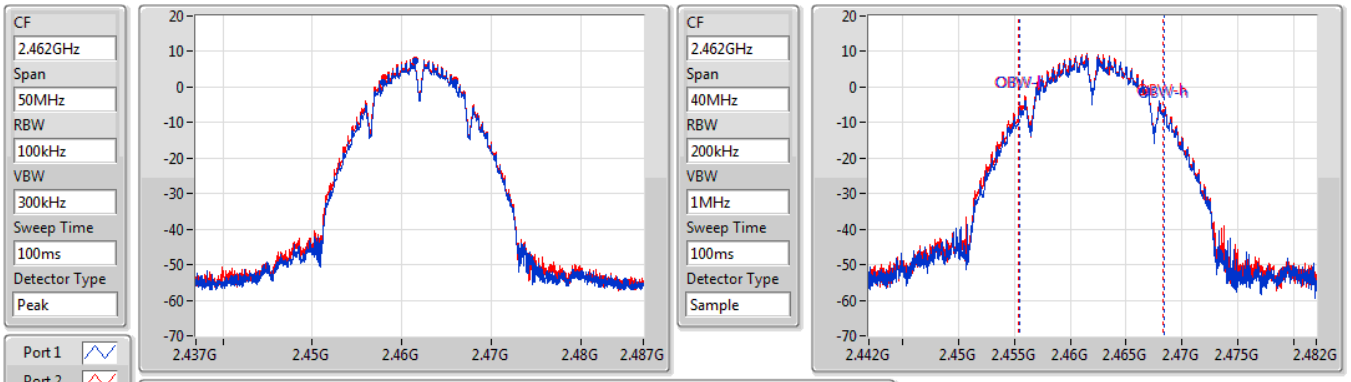
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.43295G	2.441025G	12.854M	2.430463G	2.443317G	500k	1
8.05M	2.432975G	2.441025G	12.854M	2.430523G	2.443377G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

18/08/2020



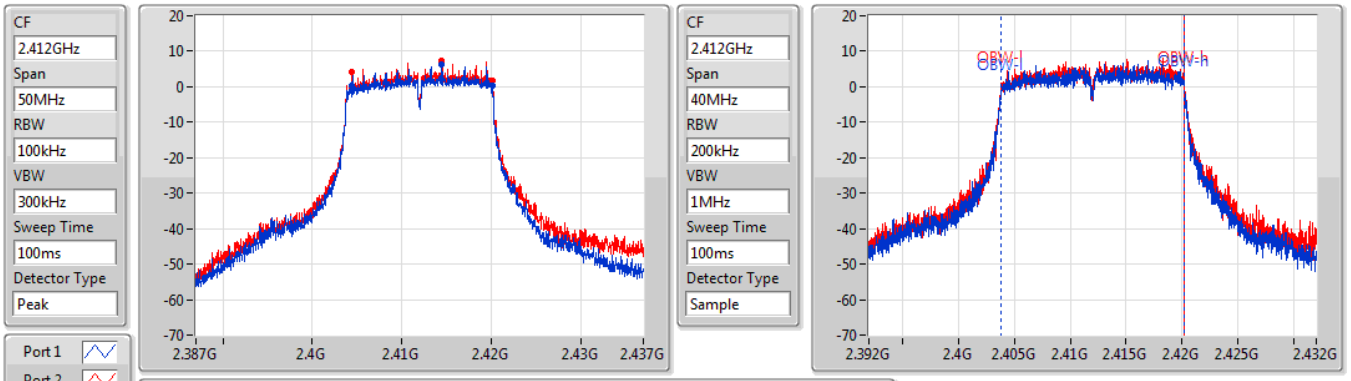
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.45795G	2.466025G	12.834M	2.455523G	2.468357G	500k	1
8.05M	2.457975G	2.466025G	12.914M	2.455423G	2.468337G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

18/08/2020



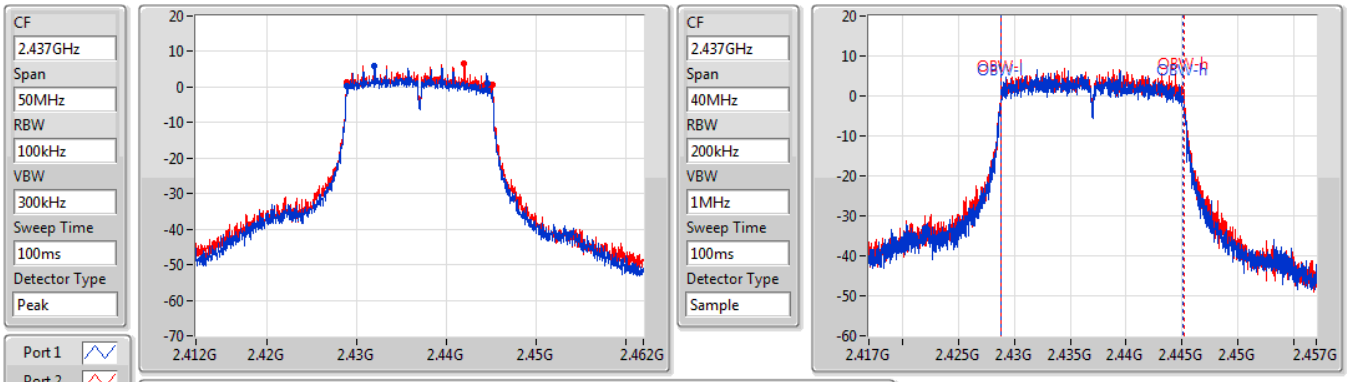
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.725M	2.404425G	2.42015G	16.332M	2.403844G	2.420176G	500k	1
15.675M	2.404475G	2.42015G	16.332M	2.403864G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

18/08/2020



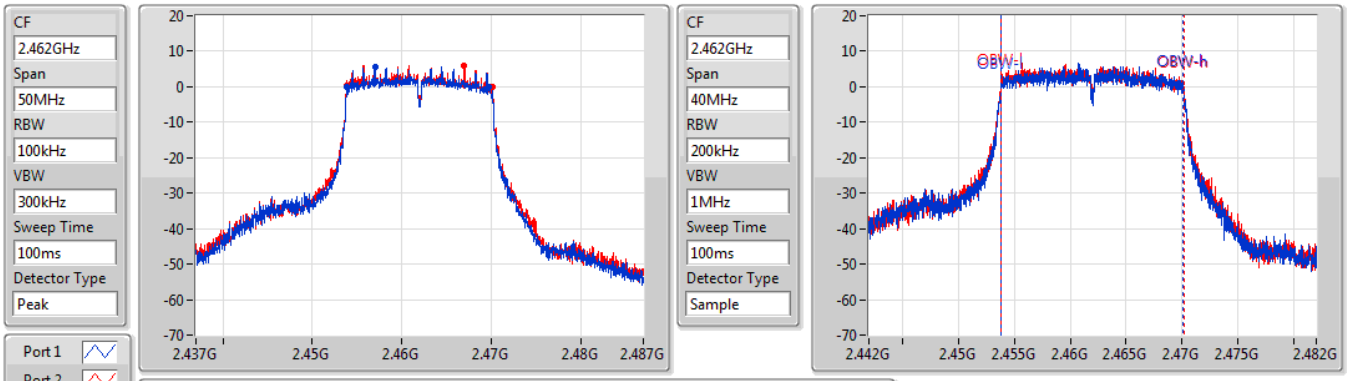
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.7M	2.42885G	2.44455G	16.312M	2.428804G	2.445116G	500k	1
16.3M	2.42885G	2.44515G	16.352M	2.428804G	2.445156G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

18/08/2020



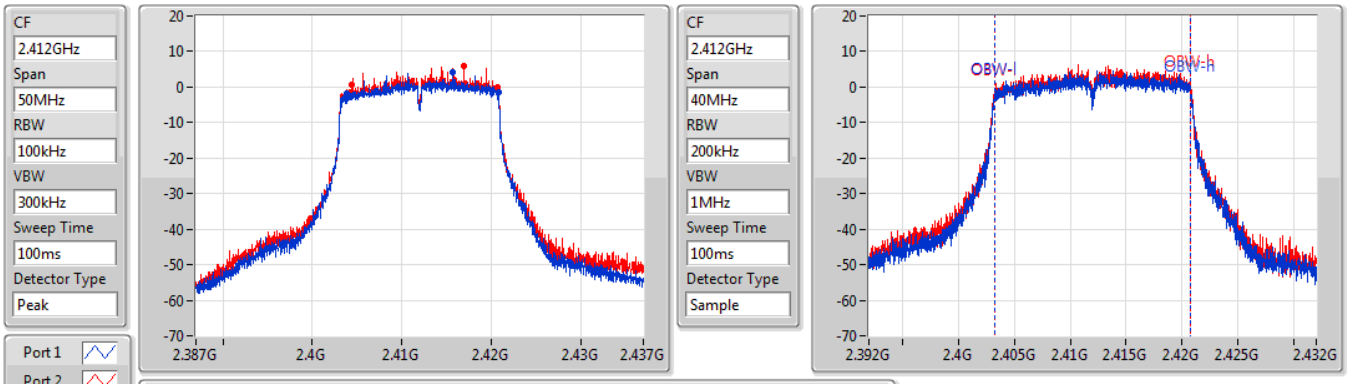
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.85M	2.453875G	2.469725G	16.312M	2.453804G	2.470116G	500k	1
16.3M	2.453825G	2.470125G	16.332M	2.453804G	2.470136G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

12/08/2020



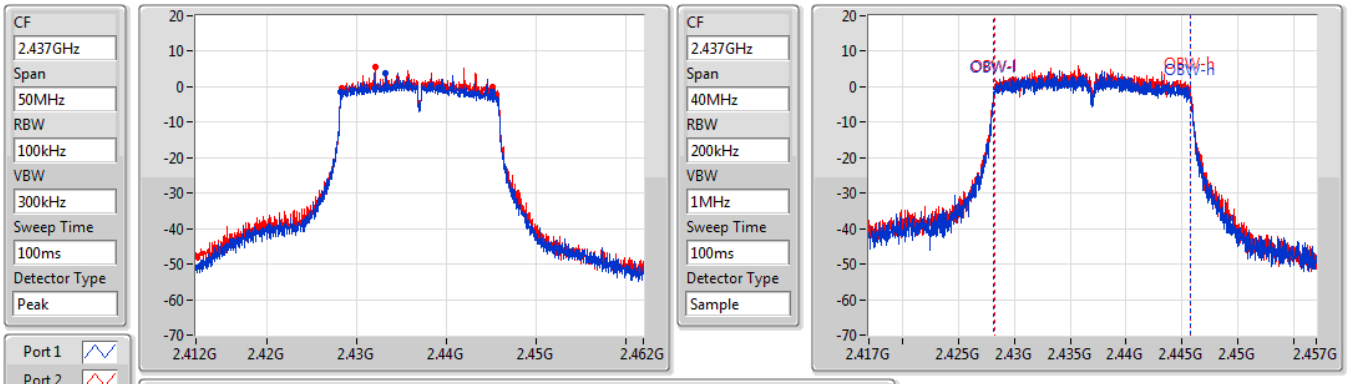
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.403875G	2.420775G	17.531M	2.403264G	2.420796G	500k	1
16.325M	2.404425G	2.42075G	17.531M	2.403264G	2.420796G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/08/2020



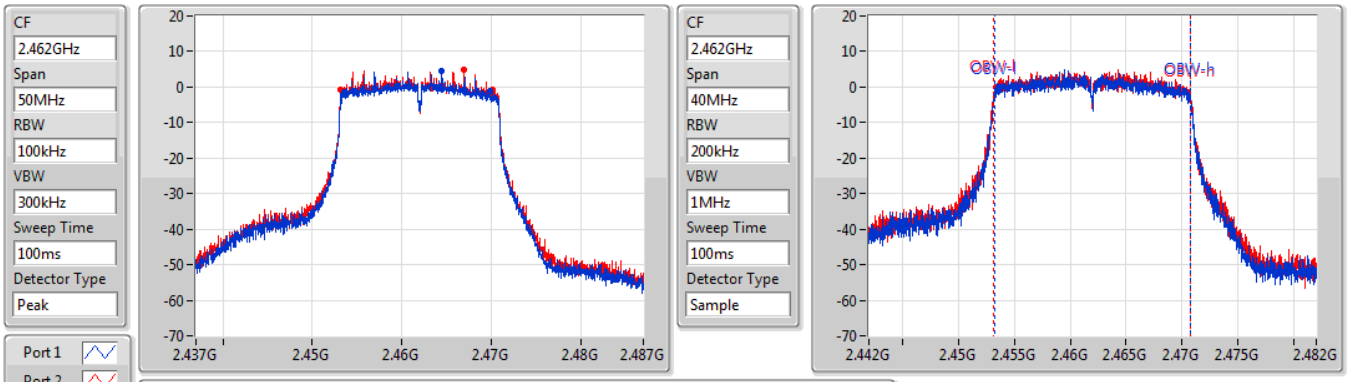
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.428225G	2.445125G	17.551M	2.428184G	2.445736G	500k	1
16.9M	2.42825G	2.44515G	17.531M	2.428204G	2.445736G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

12/08/2020



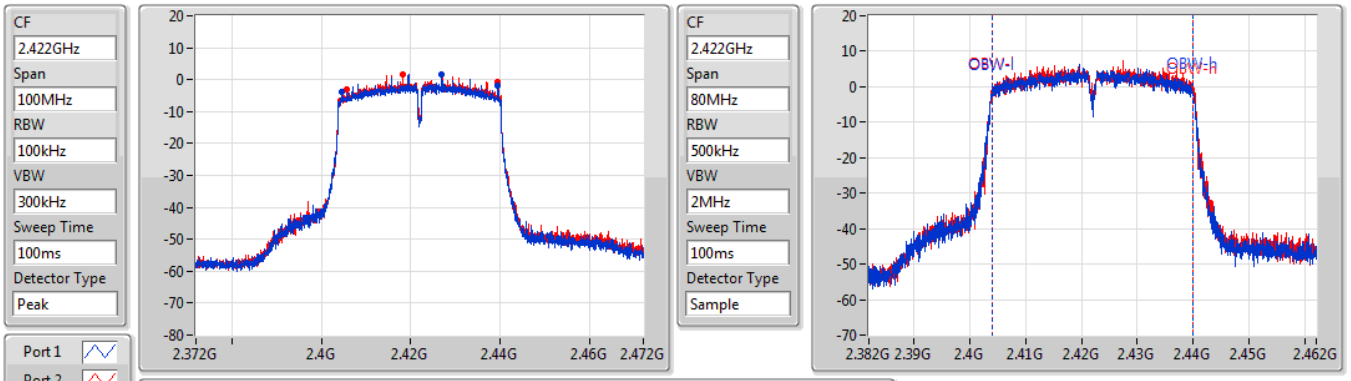
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.4536G	2.469875G	17.511M	2.453204G	2.470716G	500k	1
16.9M	2.453225G	2.470125G	17.551M	2.453184G	2.470736G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/08/2020



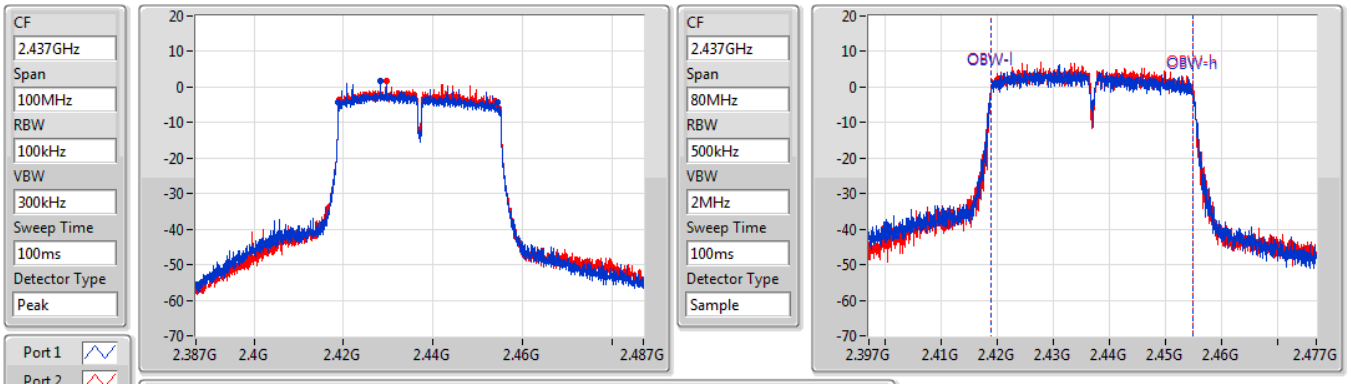
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.95M	2.40455G	2.4395G	35.862M	2.404049G	2.439911G	500k	1
33.8M	2.4057G	2.4395G	35.862M	2.404089G	2.439951G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/08/2020



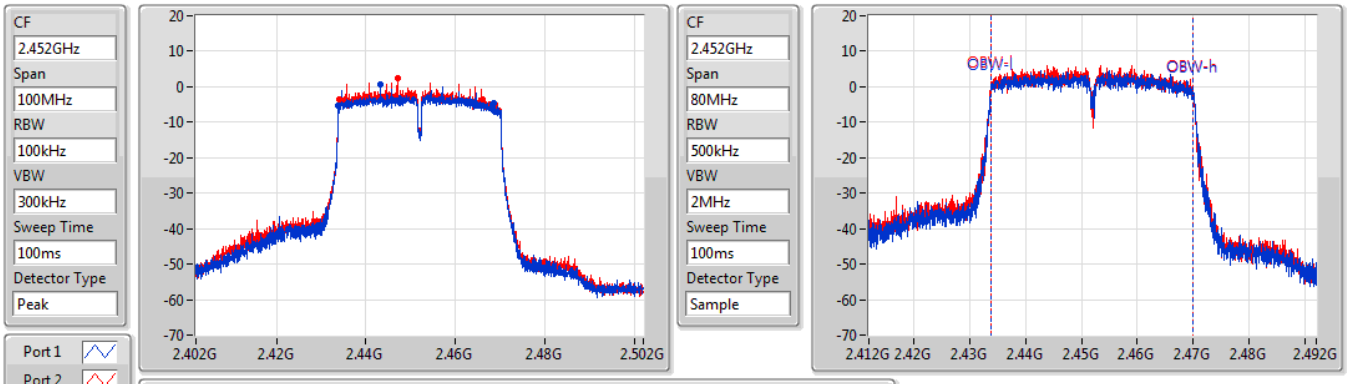
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.6M	2.41885G	2.45445G	36.022M	2.418889G	2.454911G	500k	1
34.8M	2.4191G	2.4539G	35.982M	2.418929G	2.454911G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/08/2020

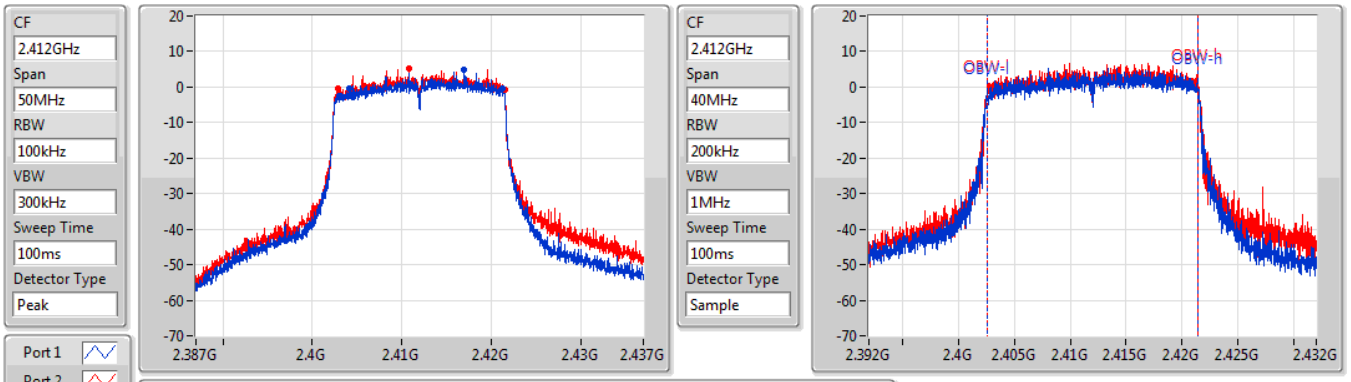


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.8M	2.43385G	2.46865G	36.062M	2.433889G	2.469951G	500k	1
31.9M	2.4341G	2.466G	35.942M	2.433929G	2.469871G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

12/08/2020

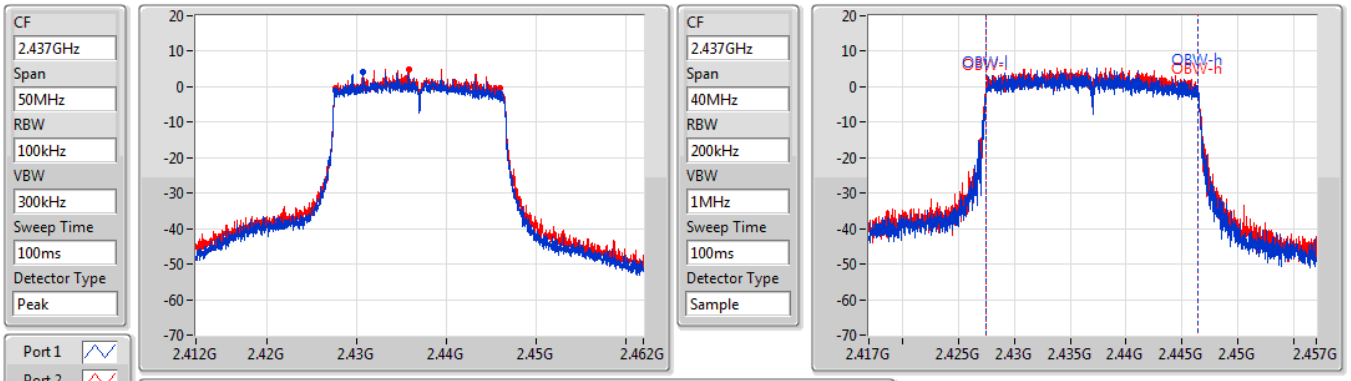


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	2.4041G	2.421225G	18.851M	2.402605G	2.421455G	500k	1
18.55M	2.402925G	2.421475G	18.831M	2.402605G	2.421435G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

12/08/2020



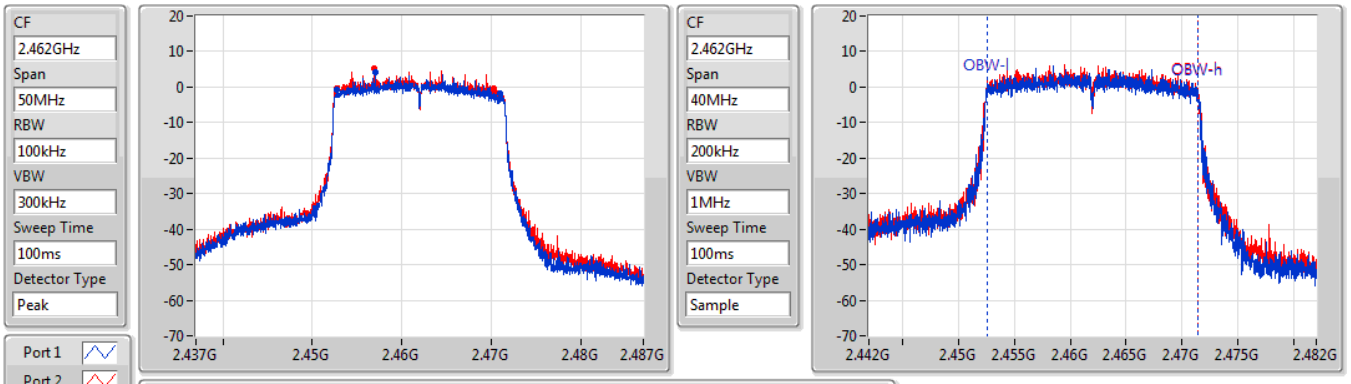
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.35M	2.4276G	2.44595G	18.871M	2.427505G	2.446375G	500k	1
18.375M	2.42765G	2.446025G	18.871M	2.427525G	2.446395G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

12/08/2020



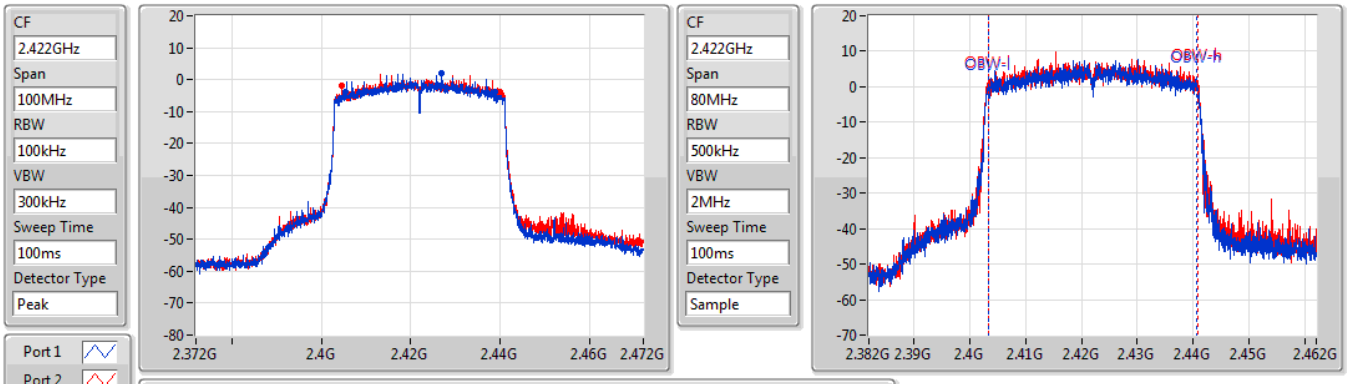
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.2M	2.452775G	2.470975G	18.831M	2.452545G	2.471375G	500k	1
17.525M	2.452725G	2.47025G	18.831M	2.452545G	2.471375G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/08/2020



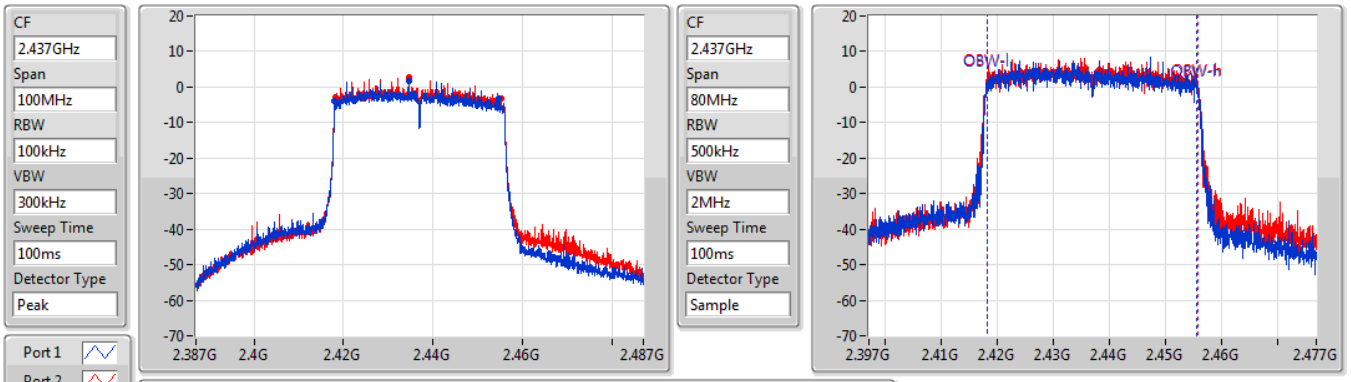
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.4M	2.40545G	2.43885G	37.381M	2.403289G	2.440671G	500k	1
35.45M	2.40455G	2.44G	37.461M	2.403289G	2.440751G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/08/2020



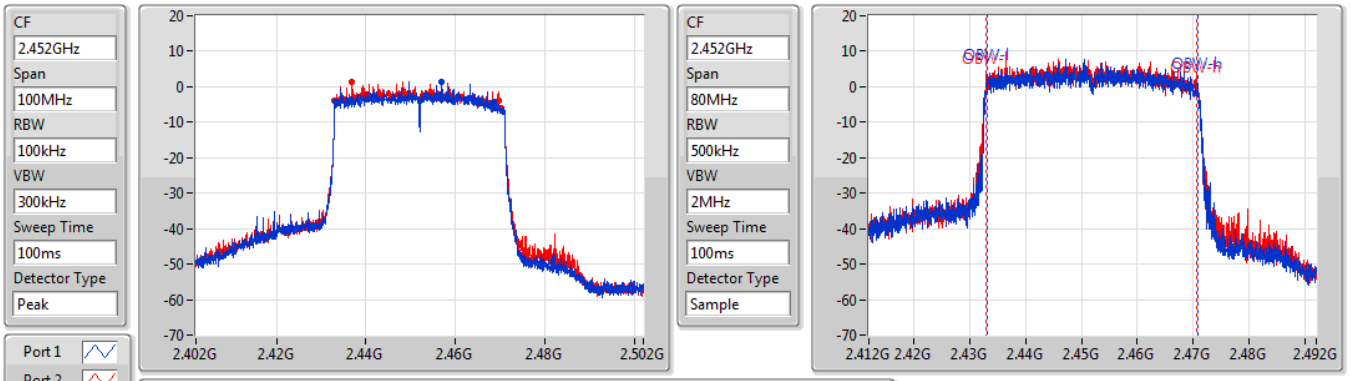
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.55M	2.418G	2.45455G	37.621M	2.418089G	2.455711G	500k	1
37.1M	2.4182G	2.4553G	37.661M	2.418089G	2.455751G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/08/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	2.43315G	2.46845G	37.701M	2.433089G	2.470791G	500k	1
36.75M	2.433G	2.46975G	37.661M	2.433049G	2.470711G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port1)	17.37	0.05458
802.11b_Nss1,(1Mbps)_1TX(Port2)	17.81	0.06039
802.11b_Nss1,(1Mbps)_2TX	20.26	0.10617
802.11g_Nss1,(6Mbps)_1TX(Port1)	17.52	0.05649
802.11g_Nss1,(6Mbps)_1TX(Port2)	17.97	0.06266
802.11g_Nss1,(6Mbps)_2TX	20.44	0.11066
VHT20_Nss1,(MCS0)_1TX(Port1)	15.77	0.03776
VHT20_Nss1,(MCS0)_1TX(Port2)	16.89	0.04887
VHT20_Nss1,(MCS0)_2TX	19.38	0.08670
VHT40_Nss1,(MCS0)_1TX(Port1)	15.55	0.03589
VHT40_Nss1,(MCS0)_1TX(Port2)	16.37	0.04335
VHT40_Nss1,(MCS0)_2TX	18.99	0.07925
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	15.89	0.03882
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	16.99	0.05000
802.11ax HEW20_Nss1,(MCS0)_2TX	19.49	0.08892
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	15.90	0.03890
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	16.73	0.04710
802.11ax HEW40_Nss1,(MCS0)_2TX	19.34	0.08590

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.00	17.30	-	17.30	30.00
2437MHz	Pass	1.00	17.06	-	17.06	30.00
2462MHz	Pass	1.00	17.37	-	17.37	30.00
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	1.00	-	17.81	17.81	30.00
2437MHz	Pass	1.00	-	17.37	17.37	30.00
2462MHz	Pass	1.00	-	17.15	17.15	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.00	16.52	17.87	20.26	30.00
2437MHz	Pass	1.00	16.67	17.65	20.20	30.00
2462MHz	Pass	1.00	16.90	17.52	20.23	30.00
802.11g_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.00	17.52	-	17.52	30.00
2437MHz	Pass	1.00	17.26	-	17.26	30.00
2462MHz	Pass	1.00	17.49	-	17.49	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	1.00	-	17.97	17.97	30.00
2437MHz	Pass	1.00	-	17.51	17.51	30.00
2462MHz	Pass	1.00	-	17.39	17.39	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.00	16.83	17.96	20.44	30.00
2437MHz	Pass	1.00	16.60	17.48	20.07	30.00
2462MHz	Pass	1.00	16.73	17.44	20.11	30.00
VHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.00	15.77	-	15.77	30.00
2437MHz	Pass	1.00	15.52	-	15.52	30.00
2462MHz	Pass	1.00	15.63	-	15.63	30.00
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	1.00	-	16.89	16.89	30.00
2437MHz	Pass	1.00	-	16.47	16.47	30.00
2462MHz	Pass	1.00	-	16.25	16.25	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.00	15.77	16.89	19.38	30.00
2437MHz	Pass	1.00	15.52	16.47	19.03	30.00
2462MHz	Pass	1.00	15.63	16.25	18.96	30.00
VHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	1.00	15.55	-	15.55	30.00
2437MHz	Pass	1.00	15.54	-	15.54	30.00
2452MHz	Pass	1.00	15.55	-	15.55	30.00
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	1.00	-	16.09	16.09	30.00
2437MHz	Pass	1.00	-	16.37	16.37	30.00
2452MHz	Pass	1.00	-	16.02	16.02	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.00	15.55	16.09	18.84	30.00
2437MHz	Pass	1.00	15.54	16.37	18.99	30.00
2452MHz	Pass	1.00	15.15	16.02	18.62	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2412MHz	Pass	1.00	15.89	-	15.89	30.00
2437MHz	Pass	1.00	15.62	-	15.62	30.00
2462MHz	Pass	1.00	15.80	-	15.80	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	1.00	-	16.99	16.99	30.00
2437MHz	Pass	1.00	-	16.57	16.57	30.00
2462MHz	Pass	1.00	-	16.38	16.38	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.00	15.89	16.99	19.49	30.00
2437MHz	Pass	1.00	15.62	16.57	19.13	30.00
2462MHz	Pass	1.00	15.80	16.38	19.11	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-
2422MHz	Pass	1.00	15.90	-	15.90	30.00
2437MHz	Pass	1.00	15.89	-	15.89	30.00
2452MHz	Pass	1.00	15.54	-	15.54	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	1.00	-	16.49	16.49	30.00
2437MHz	Pass	1.00	-	16.73	16.73	30.00
2452MHz	Pass	1.00	-	16.39	16.39	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.00	15.90	16.49	19.22	30.00
2437MHz	Pass	1.00	15.89	16.73	19.34	30.00
2452MHz	Pass	1.00	15.54	16.39	19.00	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.36
802.11g_Nss1,(6Mbps)_2TX	-7.63
VHT20_Nss1,(MCS0)_2TX	-7.69
VHT40_Nss1,(MCS0)_2TX	-10.17
802.11ax HEW20_Nss1,(MCS0)_2TX	-8.04
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.76

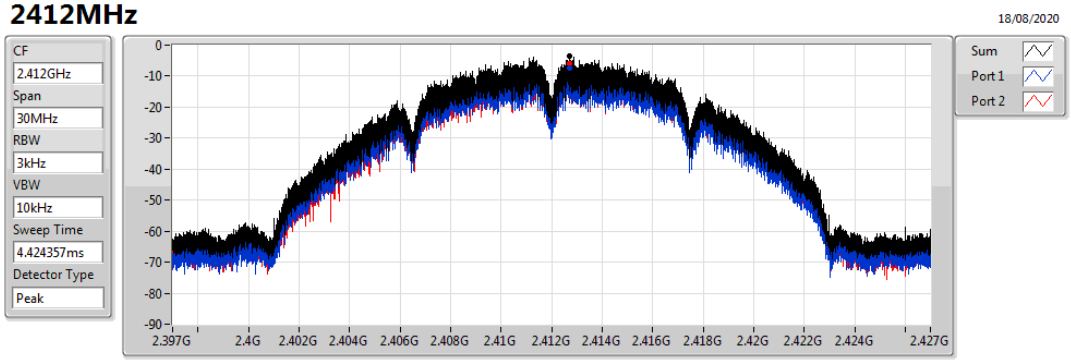
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.01	-7.47	-6.03	-3.68	8.00
2437MHz	Pass	4.01	-7.35	-5.96	-3.59	8.00
2462MHz	Pass	4.01	-5.62	-5.14	-2.36	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.01	-8.52	-8.94	-7.63	8.00
2437MHz	Pass	4.01	-10.25	-9.02	-7.85	8.00
2462MHz	Pass	4.01	-10.30	-9.14	-7.64	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.01	-10.31	-8.94	-7.69	8.00
2437MHz	Pass	4.01	-10.34	-8.94	-8.11	8.00
2462MHz	Pass	4.01	-10.42	-10.11	-7.87	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.01	-12.53	-12.02	-10.17	8.00
2437MHz	Pass	4.01	-12.28	-12.20	-10.56	8.00
2452MHz	Pass	4.01	-13.66	-12.53	-10.92	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.01	-11.02	-10.48	-9.13	8.00
2437MHz	Pass	4.01	-9.98	-10.17	-9.05	8.00
2462MHz	Pass	4.01	-10.96	-9.67	-8.04	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.01	-12.13	-11.96	-9.76	8.00
2437MHz	Pass	4.01	-11.89	-12.51	-10.41	8.00
2452MHz	Pass	4.01	-13.31	-11.89	-11.45	8.00

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX PSD

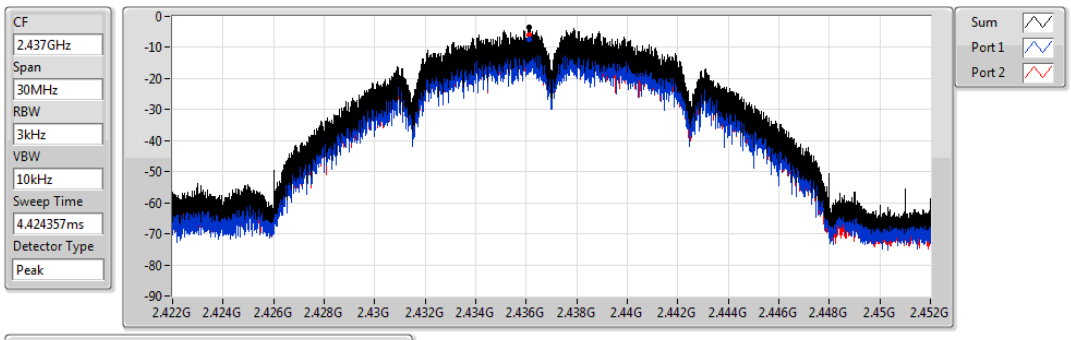
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-7.47	-6.03

802.11b_Nss1,(1Mbps)_2TX PSD

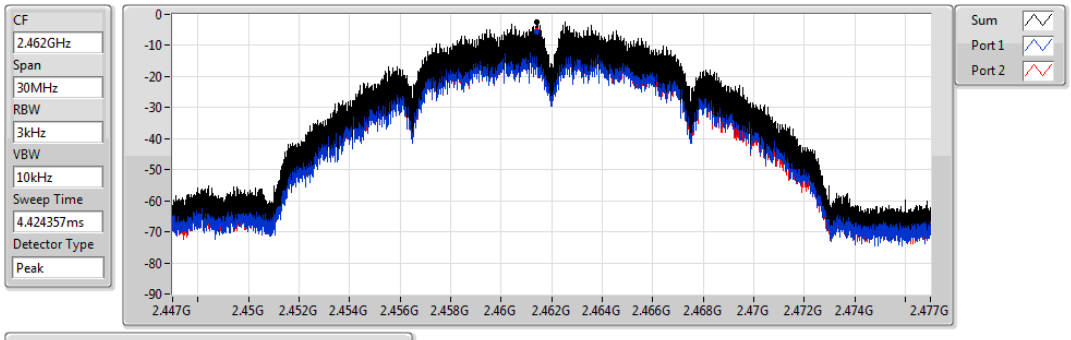
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.59	-3.59	-7.35	-5.96

802.11b_Nss1,(1Mbps)_2TX PSD

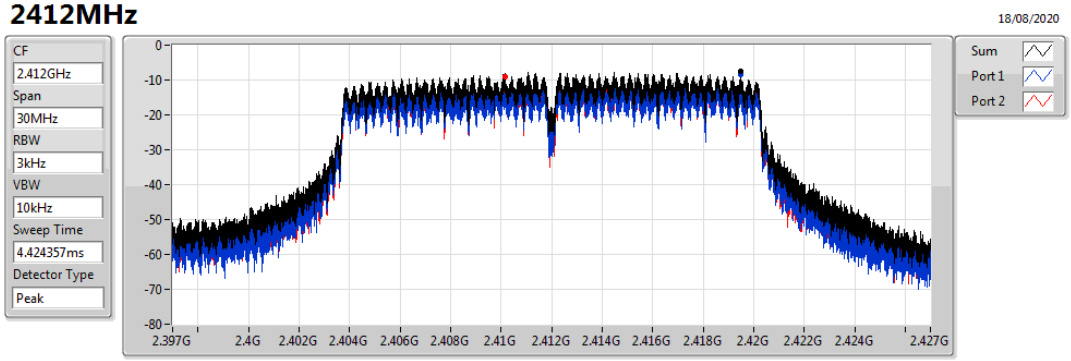
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.36	-2.36	-5.62	-5.14

802.11g_Nss1,(6Mbps)_2TX PSD

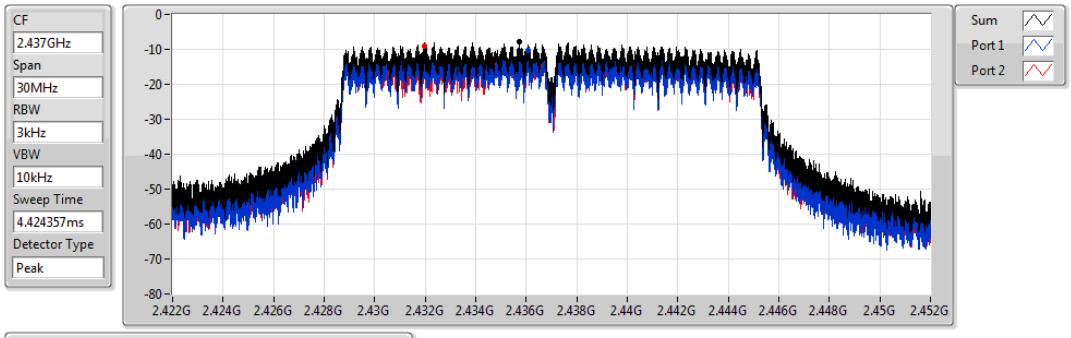
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.63	-7.63	-8.52	-8.94

802.11g_Nss1,(6Mbps)_2TX PSD

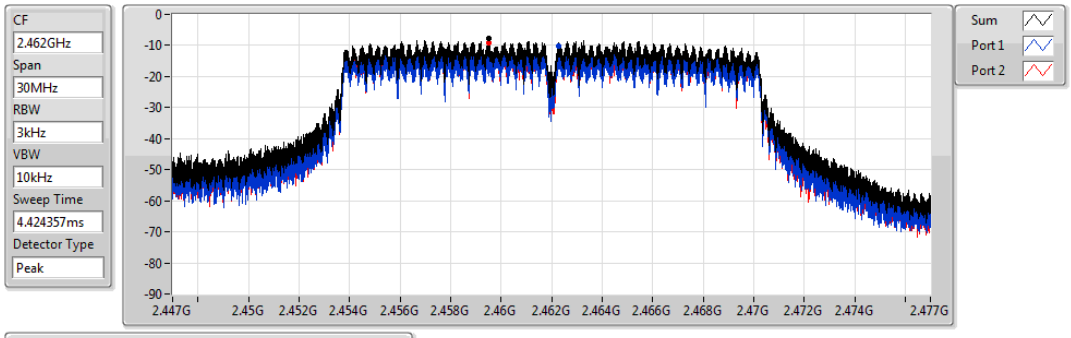
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.85	-7.85	-10.25	-9.02

802.11g_Nss1,(6Mbps)_2TX PSD

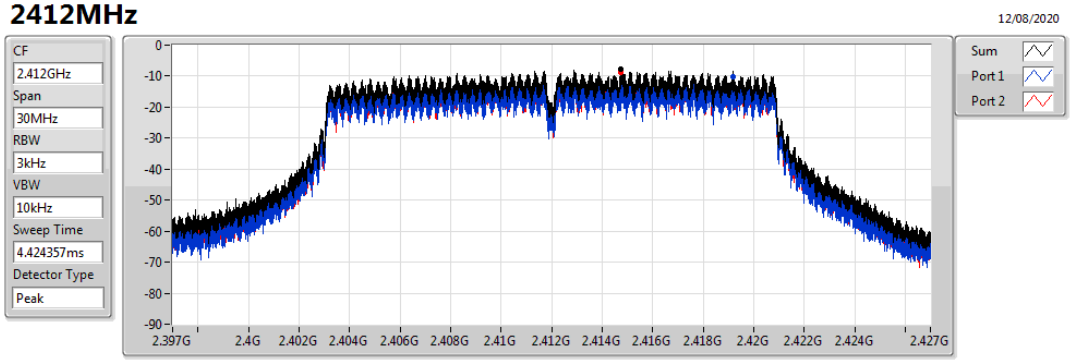
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.64	-7.64	-10.30	-9.14

VHT20_Nss1,(MCS0)_2TX **PSD**

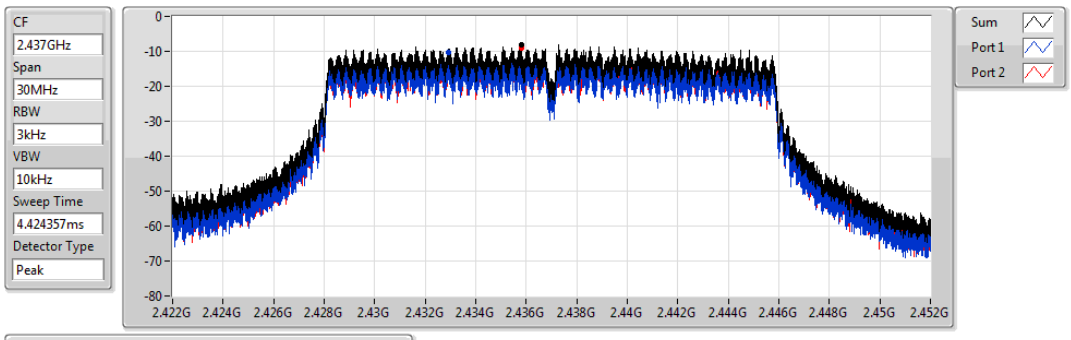
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.69	-7.69	-10.31	-8.94

VHT20_Nss1,(MCS0)_2TX **PSD**

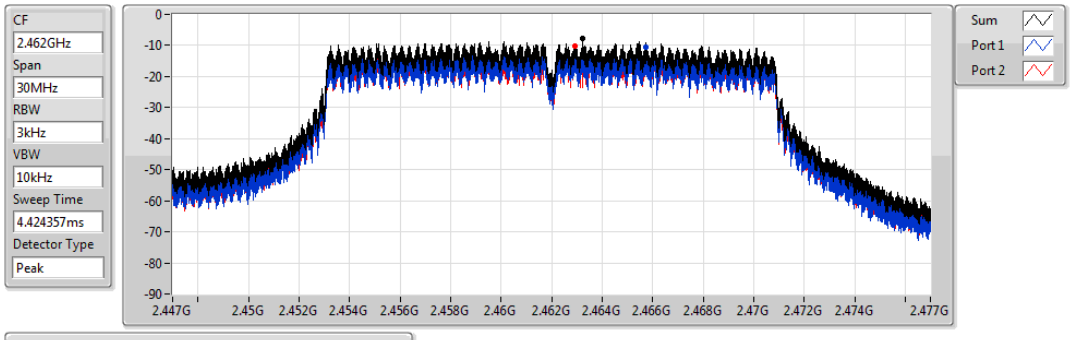
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.11	-8.11	-10.34	-8.94

VHT20_Nss1,(MCS0)_2TX **PSD**

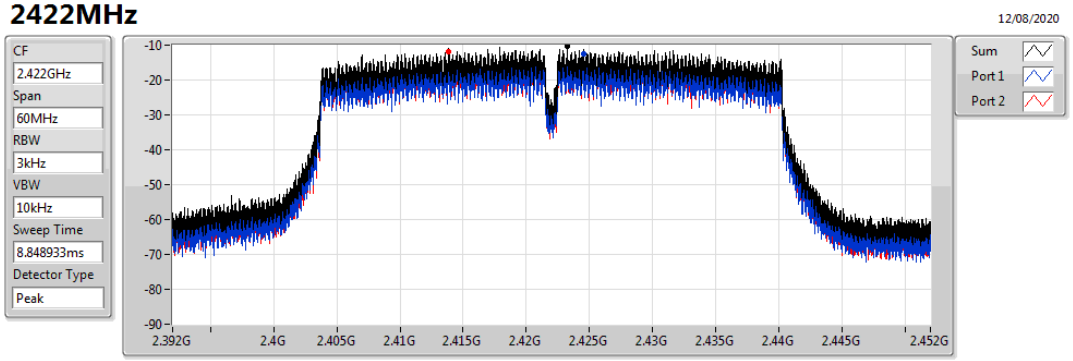
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.87	-7.87	-10.42	-10.11

VHT40_Nss1,(MCS0)_2TX PSD

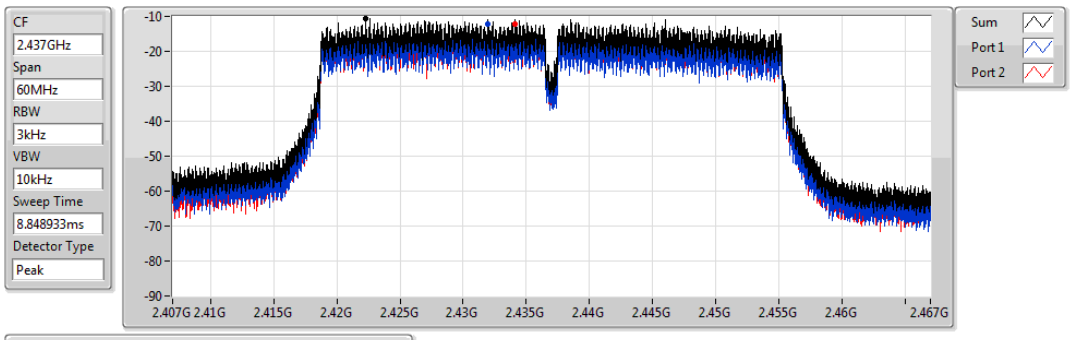
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.17	-10.17	-12.53	-12.02

VHT40_Nss1,(MCS0)_2TX PSD

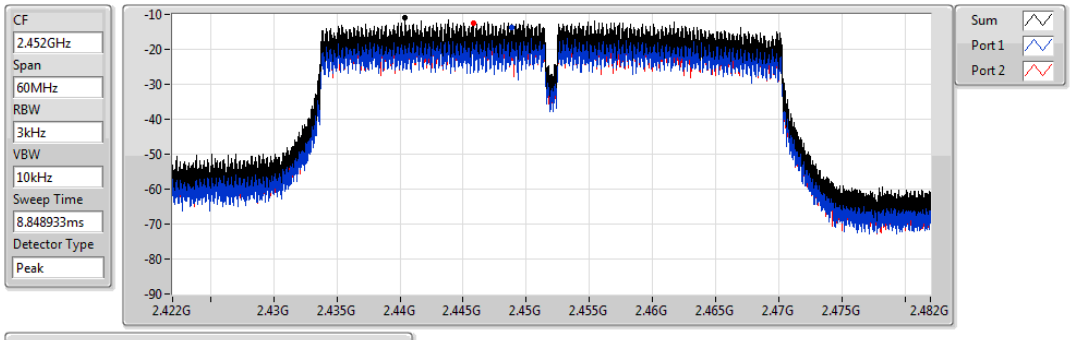
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.56	-10.56	-12.28	-12.20

VHT40_Nss1,(MCS0)_2TX PSD

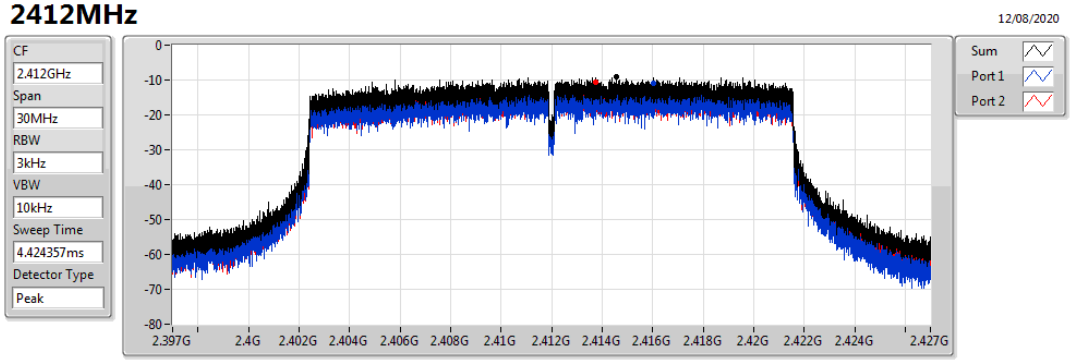
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.92	-10.92	-13.66	-12.53

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

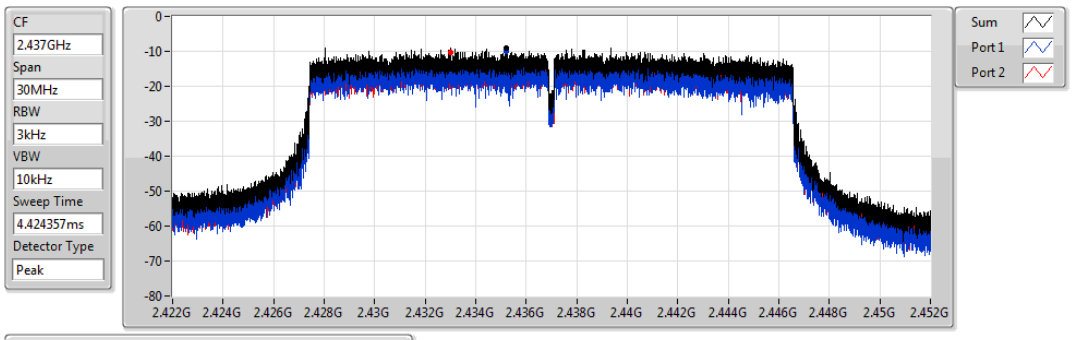
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.13	-9.13	-11.02	-10.48

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

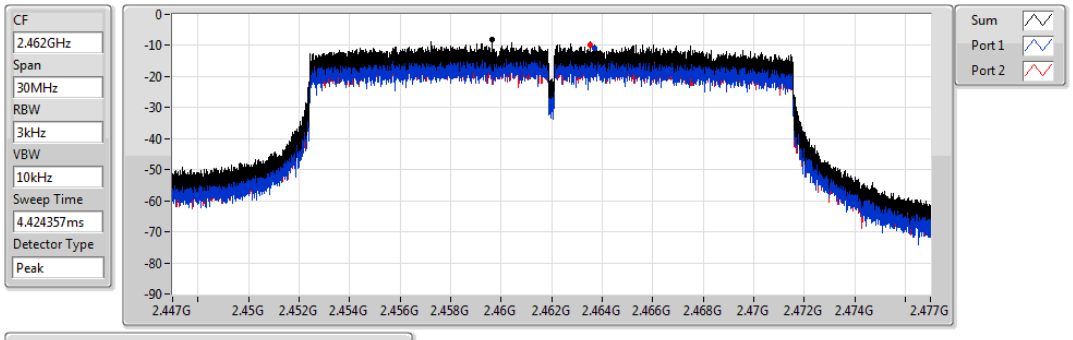
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.05	-9.05	-9.98	-10.17

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

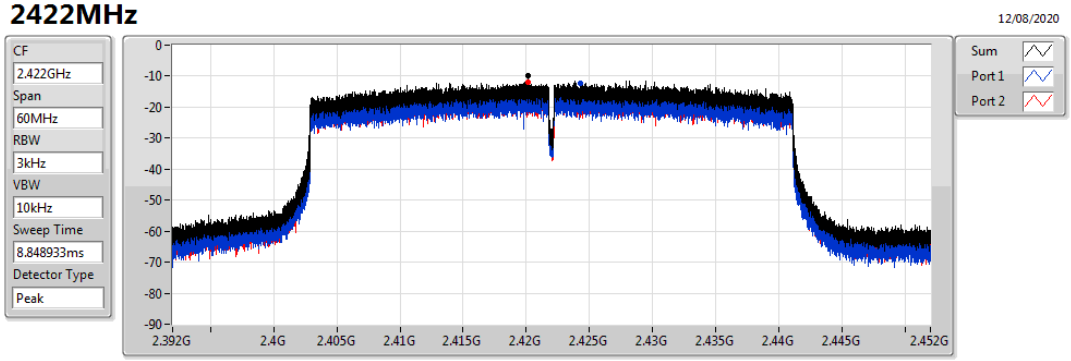
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.04	-8.04	-10.96	-9.67

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

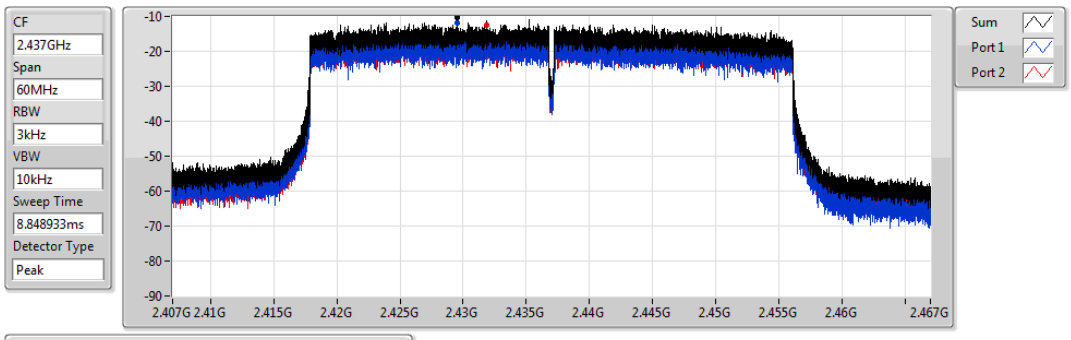
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.76	-9.76	-12.13	-11.96

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

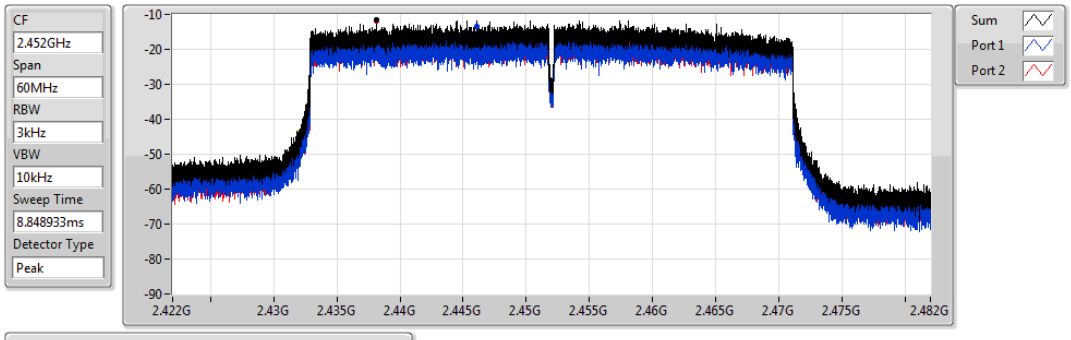
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.41	-10.41	-11.89	-12.51

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.45	-11.45	-13.31	-11.89

Summary

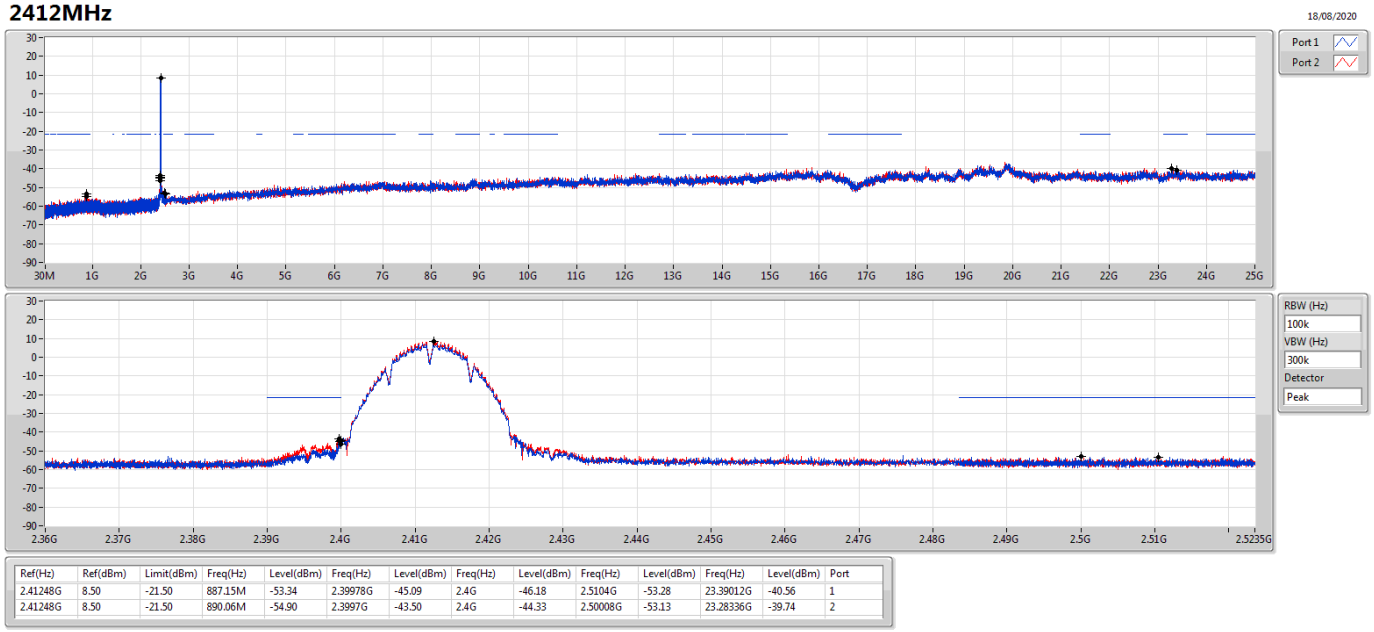
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41248G	8.50	-21.50	890.06M	-54.90	2.3997G	-43.50	2.4G	-44.33	2.50008G	-53.13	23.28336G	-39.74	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.41699G	7.86	-22.14	2.30204G	-55.36	2.39994G	-34.16	2.4G	-34.43	2.48832G	-53.07	23.21593G	-40.63	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.41328G	5.64	-24.36	2.12059G	-56.08	2.39988G	-36.39	2.4G	-37.11	2.49668G	-53.71	16.87475G	-40.59	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.43077G	1.23	-28.77	2.15054G	-56.02	2.39988G	-39.12	2.4G	-40.71	2.48374G	-53.32	23.43225G	-41.16	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.41946G	5.58	-24.42	2.09525G	-56.01	2.3996G	-34.42	2.4G	-37.70	2.51062G	-53.23	23.39293G	-40.91	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43194G	2.45	-27.55	2.14167G	-55.61	2.39704G	-36.97	2.4G	-41.13	2.48442G	-52.70	23.42384G	-40.64	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	8.50	-21.50	887.15M	-53.34	2.39978G	-45.09	2.4G	-46.18	2.5104G	-53.28	23.39012G	-40.56	1
2412MHz	Pass	2.41248G	8.50	-21.50	890.06M	-54.90	2.3997G	-43.50	2.4G	-44.33	2.50008G	-53.13	23.28336G	-39.74	2
2437MHz	Pass	2.41248G	8.50	-21.50	1.8573G	-55.37	2.392G	-54.15	2.4835G	-55.86	2.52334G	-53.22	15.2452G	-40.70	1
2437MHz	Pass	2.41248G	8.50	-21.50	2.12234G	-55.30	2.39776G	-54.13	2.4835G	-53.81	2.50746G	-52.37	23.39574G	-40.08	2
2462MHz	Pass	2.41248G	8.50	-21.50	790.45M	-55.14	2.39704G	-53.68	2.4835G	-55.82	2.5123G	-52.71	23.35922G	-40.85	1
2462MHz	Pass	2.41248G	8.50	-21.50	2.00497G	-55.55	2.39308G	-53.79	2.4835G	-53.66	2.48578G	-52.47	24.51956G	-39.96	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	7.86	-22.14	927.92M	-55.63	2.39976G	-35.75	2.4G	-35.73	2.52102G	-51.81	23.25807G	-40.70	1
2412MHz	Pass	2.41699G	7.86	-22.14	2.30204G	-55.36	2.39994G	-34.16	2.4G	-34.43	2.48832G	-53.07	23.21593G	-40.63	2
2437MHz	Pass	2.41699G	7.86	-22.14	2.01603G	-54.99	2.3995G	-52.69	2.4G	-53.88	2.49932G	-52.53	23.55027G	-40.57	1
2437MHz	Pass	2.41699G	7.86	-22.14	1.81449G	-55.50	2.39828G	-50.31	2.4G	-53.94	2.49416G	-53.20	17.48442G	-40.47	2
2462MHz	Pass	2.41699G	7.86	-22.14	2.30204G	-54.23	2.39814G	-53.13	2.4835G	-50.06	2.48412G	-48.76	24.83985G	-40.22	1
2462MHz	Pass	2.41699G	7.86	-22.14	1.96099G	-55.17	2.39576G	-53.97	2.4835G	-50.43	2.4836G	-46.36	14.98953G	-40.19	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41328G	5.64	-24.36	1.93769G	-55.85	2.39984G	-37.41	2.4G	-37.33	2.51928G	-53.67	23.21312G	-41.65	1
2412MHz	Pass	2.41328G	5.64	-24.36	2.12059G	-56.08	2.39988G	-36.39	2.4G	-37.11	2.49668G	-53.71	16.87475G	-40.59	2
2437MHz	Pass	2.41328G	5.64	-24.36	2.30321G	-55.65	2.3967G	-54.69	2.4G	-55.52	2.5184G	-53.07	23.46317G	-40.76	1
2437MHz	Pass	2.41328G	5.64	-24.36	2.14011G	-56.10	2.39924G	-54.01	2.4G	-56.69	2.51092G	-53.58	24.45775G	-41.20	2
2462MHz	Pass	2.41328G	5.64	-24.36	2.18117G	-56.09	2.39444G	-55.26	2.4835G	-53.09	2.48362G	-50.77	16.69774G	-41.41	1
2462MHz	Pass	2.41328G	5.64	-24.36	2.08244G	-55.85	2.39308G	-54.89	2.4835G	-51.99	2.48352G	-50.94	24.83424G	-41.15	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43077G	1.23	-28.77	2.10216G	-55.68	2.3998G	-40.69	2.4G	-41.74	2.4855G	-53.21	23.40701G	-41.62	1
2422MHz	Pass	2.43077G	1.23	-28.77	2.15054G	-56.02	2.39988G	-39.12	2.4G	-40.71	2.48374G	-53.32	23.43225G	-41.16	2
2437MHz	Pass	2.43077G	1.23	-28.77	2.1265G	-55.52	2.39964G	-42.96	2.4G	-46.82	2.48514G	-51.33	23.46871G	-40.66	1
2437MHz	Pass	2.43077G	1.23	-28.77	2.10617G	-54.68	2.39948G	-47.06	2.4G	-48.46	2.48506G	-50.64	14.95125G	-41.37	2
2452MHz	Pass	2.43077G	1.23	-28.77	2.18289G	-55.60	2.39452G	-51.07	2.4835G	-50.73	2.4851G	-50.33	16.32268G	-41.37	1
2452MHz	Pass	2.43077G	1.23	-28.77	1.88519G	-56.11	2.39988G	-49.15	2.4835G	-51.42	2.48358G	-49.13	15.32145G	-41.09	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41946G	5.58	-24.42	2.0804G	-56.36	2.39988G	-37.47	2.4G	-38.21	2.51452G	-53.35	23.15131G	-40.63	1
2412MHz	Pass	2.41946G	5.58	-24.42	2.09525G	-56.01	2.3996G	-34.42	2.4G	-37.70	2.51062G	-53.23	23.39293G	-40.91	2
2437MHz	Pass	2.41946G	5.58	-24.42	2.0737G	-55.41	2.39964G	-53.69	2.4G	-56.42	2.49436G	-53.77	23.40136G	-41.41	1
2437MHz	Pass	2.41946G	5.58	-24.42	2.1404G	-55.63	2.39928G	-51.56	2.4G	-53.36	2.49082G	-53.20	23.22998G	-41.62	2
2462MHz	Pass	2.41946G	5.58	-24.42	2.17185G	-56.47	2.39472G	-54.69	2.4835G	-51.20	2.48406G	-50.50	16.31564G	-41.03	1
2462MHz	Pass	2.41946G	5.58	-24.42	2.16166G	-55.72	2.39772G	-55.34	2.4835G	-50.65	2.48424G	-49.24	16.90846G	-41.76	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43194G	2.45	-27.55	2.14968G	-55.71	2.39832G	-38.47	2.4G	-43.18	2.51722G	-53.17	16.3339G	-40.79	1
2422MHz	Pass	2.43194G	2.45	-27.55	2.14167G	-55.61	2.39704G	-36.97	2.4G	-41.13	2.48442G	-52.70	23.42384G	-40.64	2
2437MHz	Pass	2.43194G	2.45	-27.55	2.11619G	-55.44	2.39896G	-42.37	2.4G	-44.04	2.48434G	-51.09	23.47151G	-40.76	1
2437MHz	Pass	2.43194G	2.45	-27.55	2.11762G	-56.24	2.397G	-41.97	2.4G	-44.55	2.4841G	-48.76	23.42945G	-40.89	2
2452MHz	Pass	2.43194G	2.45	-27.55	2.1431G	-56.65	2.39924G	-49.61	2.4835G	-51.52	2.48406G	-49.45	14.64836G	-41.21	1
2452MHz	Pass	2.43194G	2.45	-27.55	1.81277G	-56.17	2.39748G	-47.67	2.4835G	-46.00	2.4835G	-44.31	14.99052G	-41.33	2

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

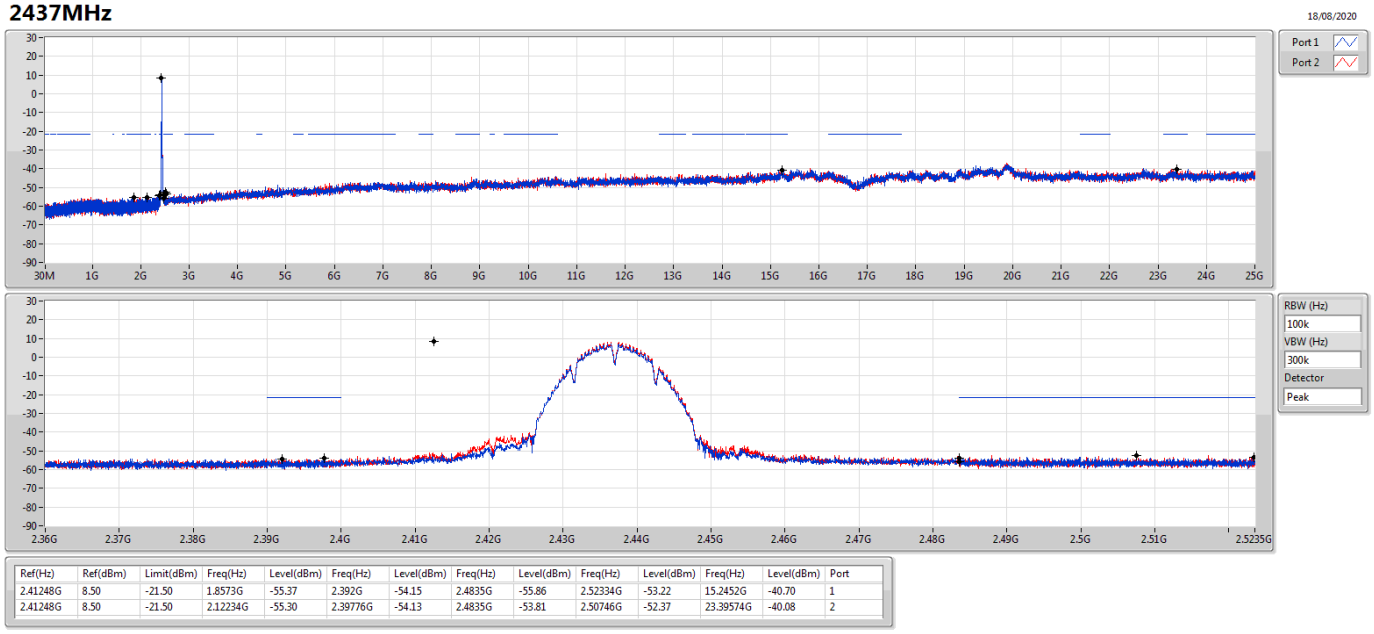
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	8.50	-21.50	887.15M	-53.34	2.39978G	-45.09	2.4G	-46.18	2.5104G	-53.28	23.39012G	-40.56	1
2.41248G	8.50	-21.50	890.06M	-54.90	2.3997G	-43.50	2.4G	-44.33	2.50008G	-53.13	23.28336G	-39.74	2

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

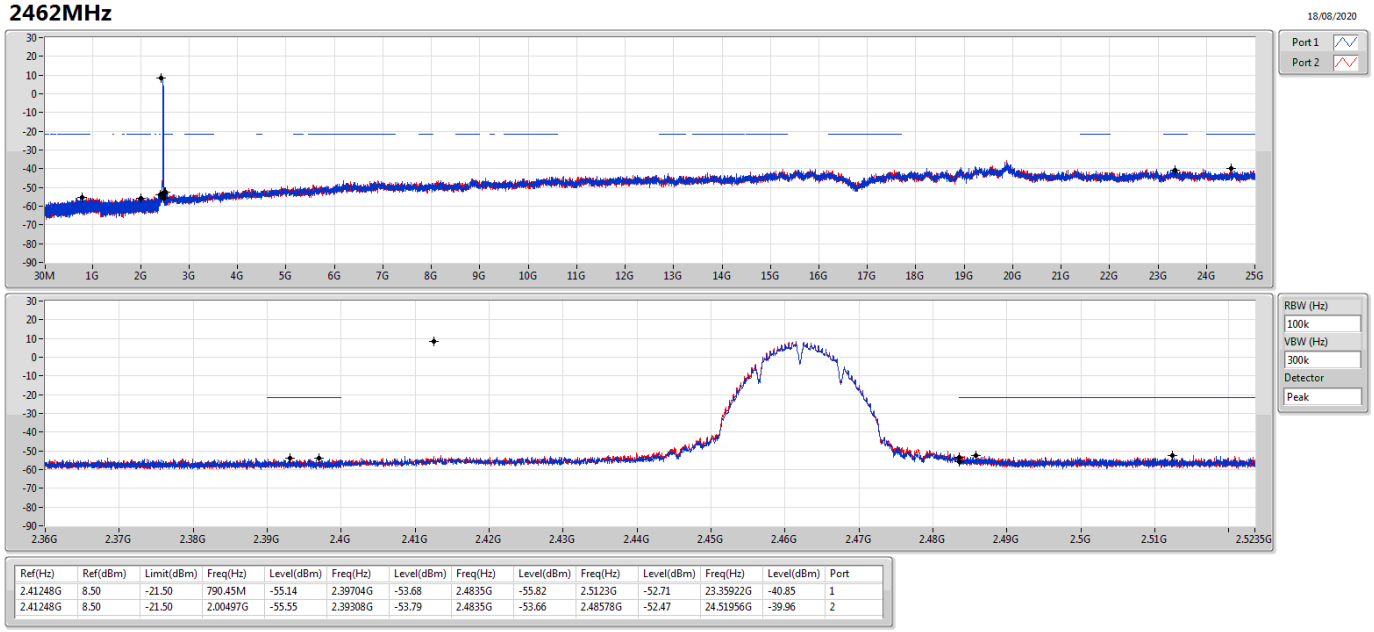
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	8.50	-21.50	1.8573G	-55.37	2.392G	-54.15	2.4835G	-55.86	2.52334G	-53.22	15.2452G	-40.70	1
2.41248G	8.50	-21.50	2.12234G	-55.30	2.39776G	-54.13	2.4835G	-53.81	2.50746G	-52.37	23.39574G	-40.08	2

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

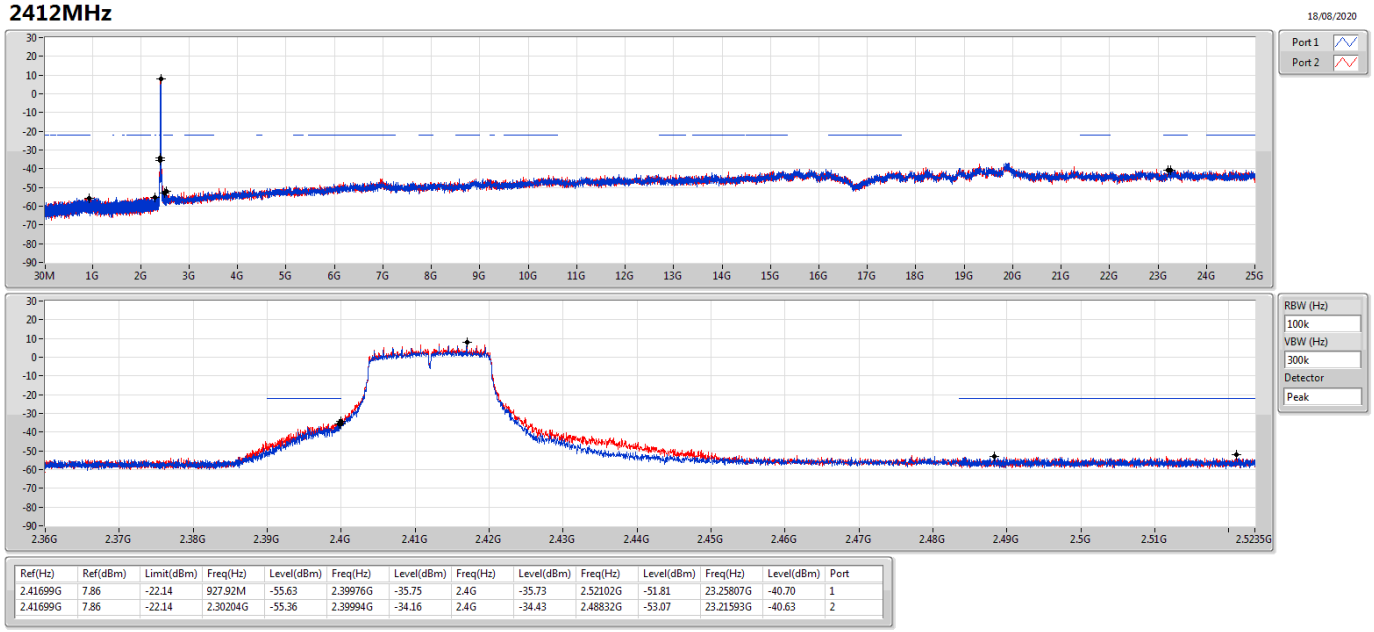
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	8.50	-21.50	790.45M	-55.14	2.39704G	-53.68	2.4835G	-55.82	2.5123G	-52.71	23.35922G	-40.85	1
2.41248G	8.50	-21.50	2.00497G	-55.55	2.39308G	-53.79	2.4835G	-53.66	2.48578G	-52.47	24.51956G	-39.96	2

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

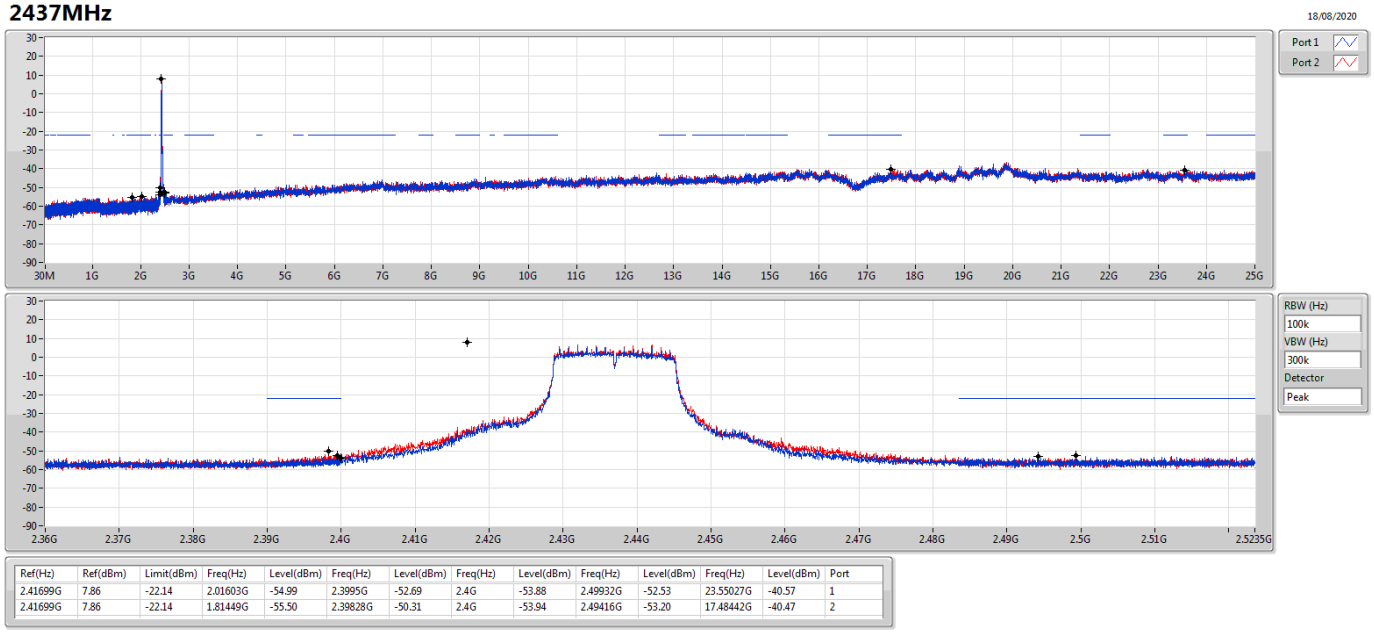
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	7.86	-22.14	927.92M	-55.63	2.39976G	-35.75	2.4G	-35.73	2.52102G	-51.81	23.25807G	-40.70	1
2.41699G	7.86	-22.14	2.30204G	-55.36	2.39994G	-34.16	2.4G	-34.43	2.48832G	-53.07	23.21593G	-40.63	2

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

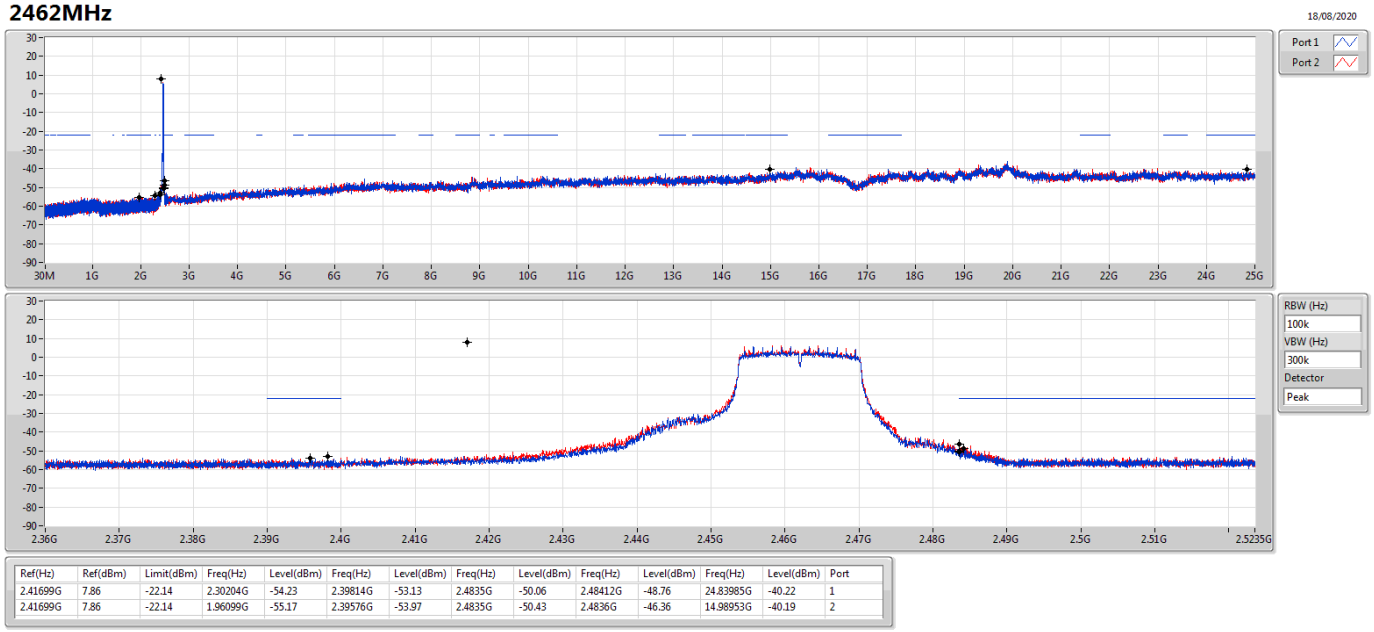
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	7.86	-22.14	2.01603G	-54.99	2.3995G	-52.69	2.4G	-53.88	2.49932G	-52.53	23.55027G	-40.57	1
2.41699G	7.86	-22.14	1.81449G	-55.50	2.39828G	-50.31	2.4G	-53.94	2.49416G	-53.20	17.48442G	-40.47	2

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

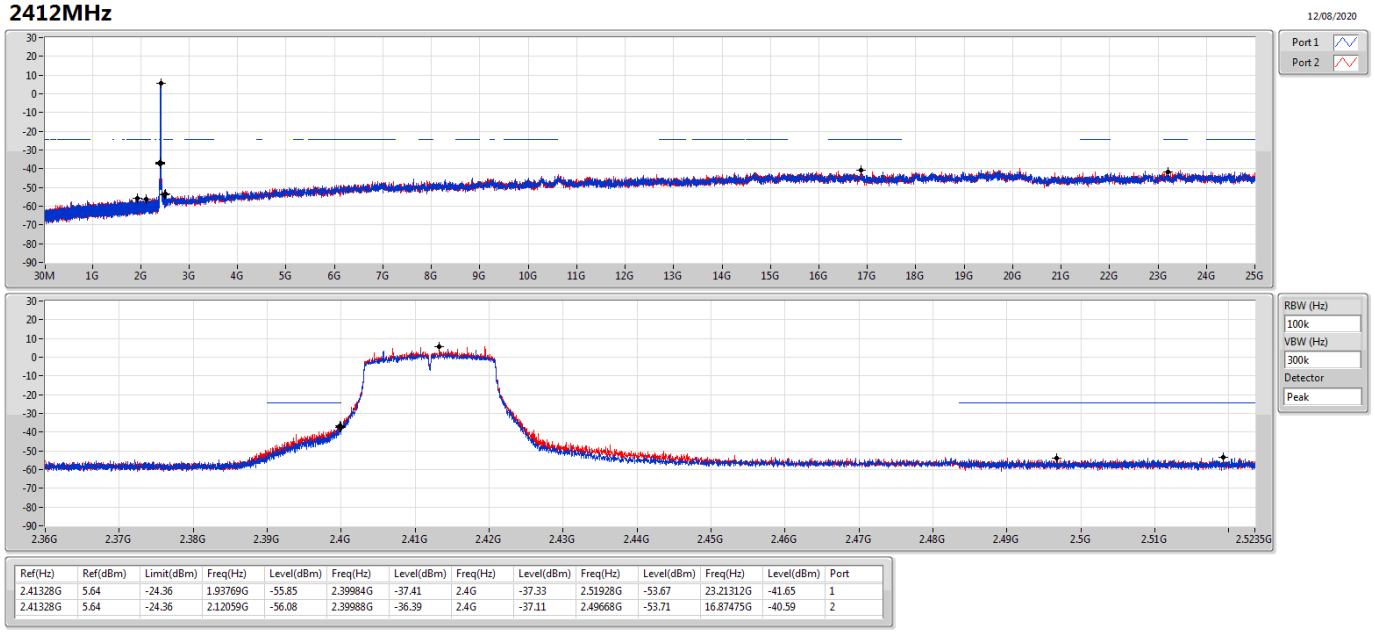
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	7.86	-22.14	2.30204G	-54.23	2.39814G	-53.13	2.4835G	-50.06	2.48412G	-48.76	24.83985G	-40.22	1
2.41699G	7.86	-22.14	1.96099G	-55.17	2.39576G	-53.97	2.4835G	-50.43	2.4836G	-46.36	14.98953G	-40.19	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

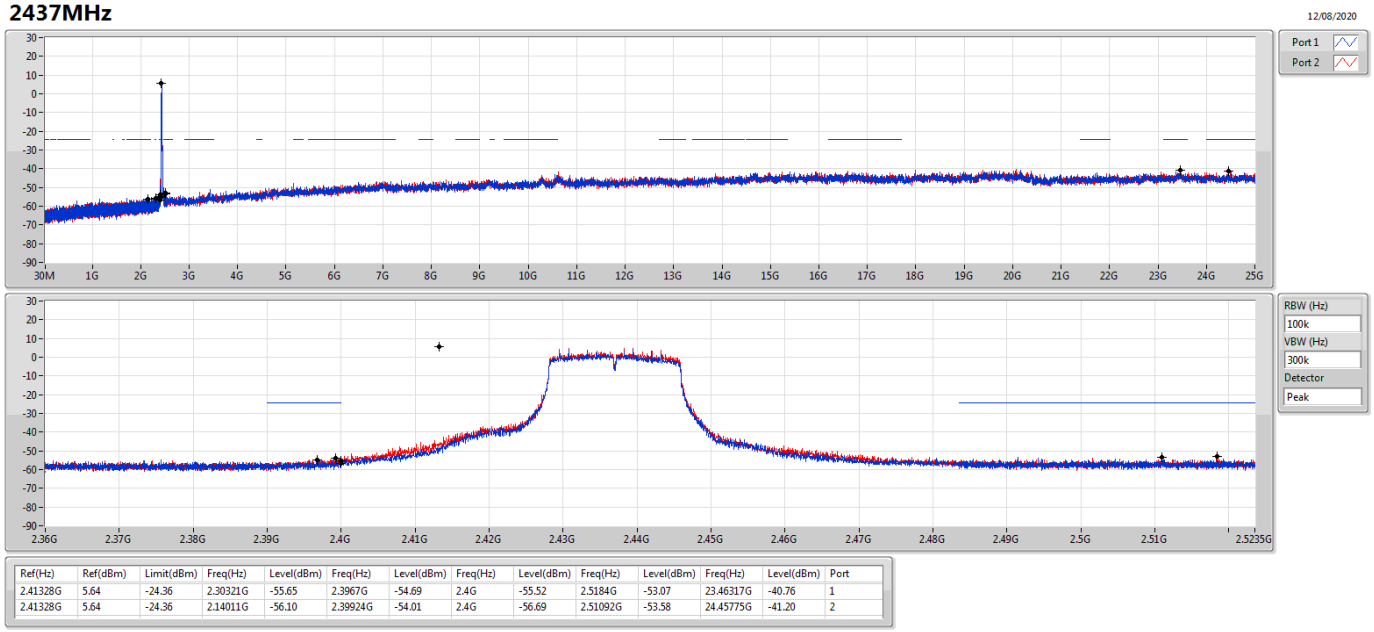
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41328G	5.64	-24.36	1.93769G	-55.85	2.39984G	-37.41	2.4G	-37.33	2.51928G	-53.67	23.21312G	-41.65	1
2.41328G	5.64	-24.36	2.12059G	-56.08	2.39988G	-36.39	2.4G	-37.11	2.49668G	-53.71	16.87475G	-40.59	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

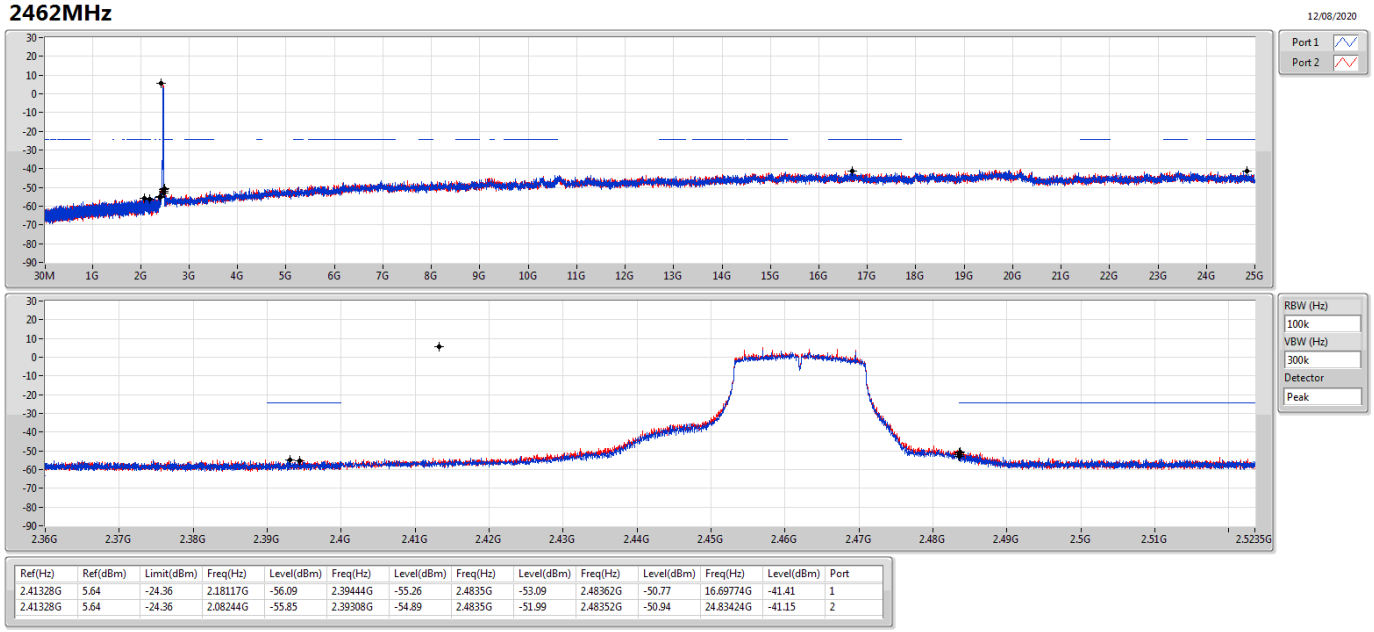
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41328G	5.64	-24.36	2.30321G	-55.65	2.3967G	-54.69	2.4G	-55.52	2.5184G	-53.07	23.46317G	-40.76	1
2.41328G	5.64	-24.36	2.14011G	-56.10	2.39924G	-54.01	2.4G	-56.69	2.51092G	-53.58	24.45775G	-41.20	2

VHT20_Nss1,(MCS0)_2TX **CSENdB**

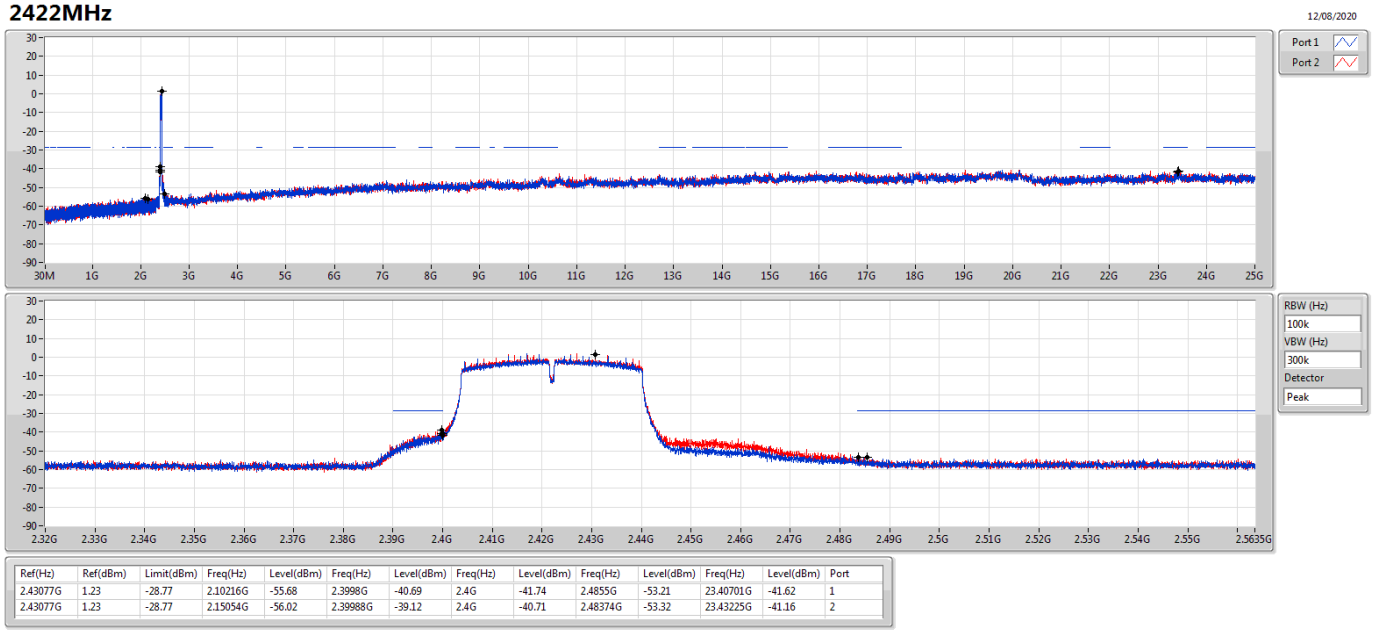
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41328G	5.64	-24.36	2.18117G	-56.09	2.39444G	-55.26	2.4835G	-53.09	2.48362G	-50.77	16.69774G	-41.41	1
2.41328G	5.64	-24.36	2.08244G	-55.85	2.39308G	-54.89	2.4835G	-51.99	2.48352G	-50.94	24.83424G	-41.15	2

VHT40_Nss1,(MCS0)_2TX **CSENdB**

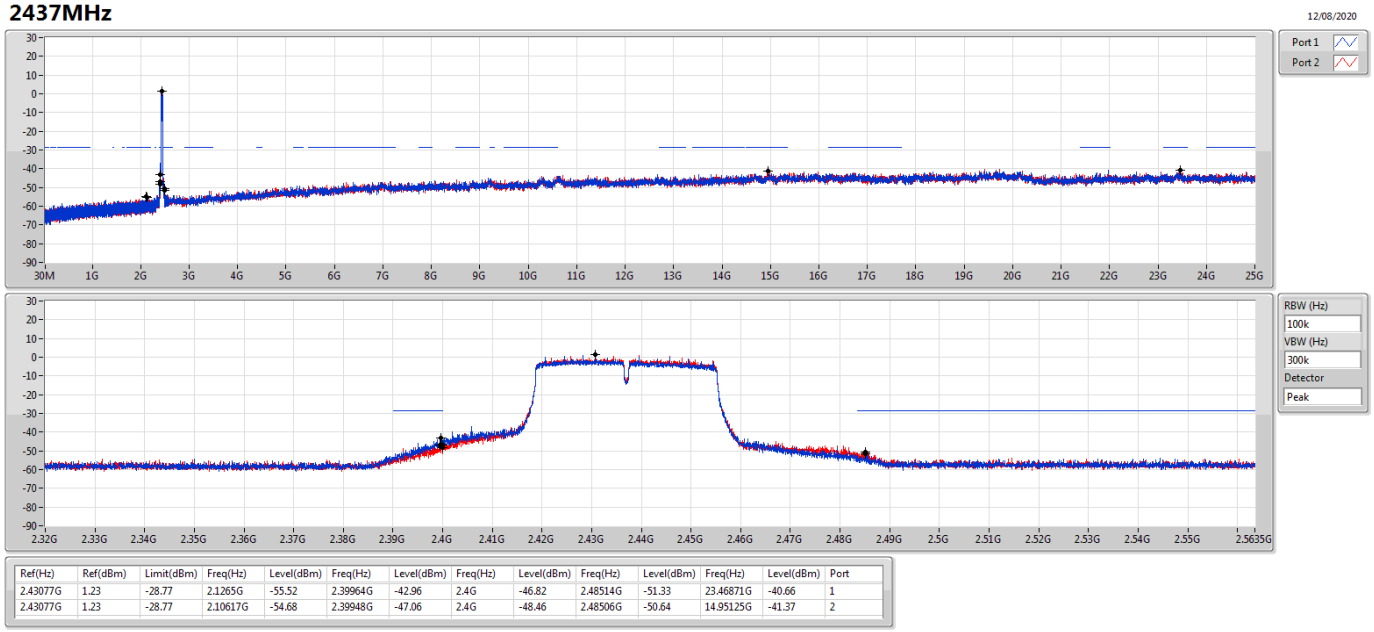
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	1.23	-28.77	2.10216G	-55.68	2.3998G	-40.69	2.4G	-41.74	2.4855G	-53.21	23.40701G	-41.62	1
2.43077G	1.23	-28.77	2.15054G	-56.02	2.39988G	-39.12	2.4G	-40.71	2.48374G	-53.32	23.43225G	-41.16	2

VHT40_Nss1,(MCS0)_2TX **CSENdB**

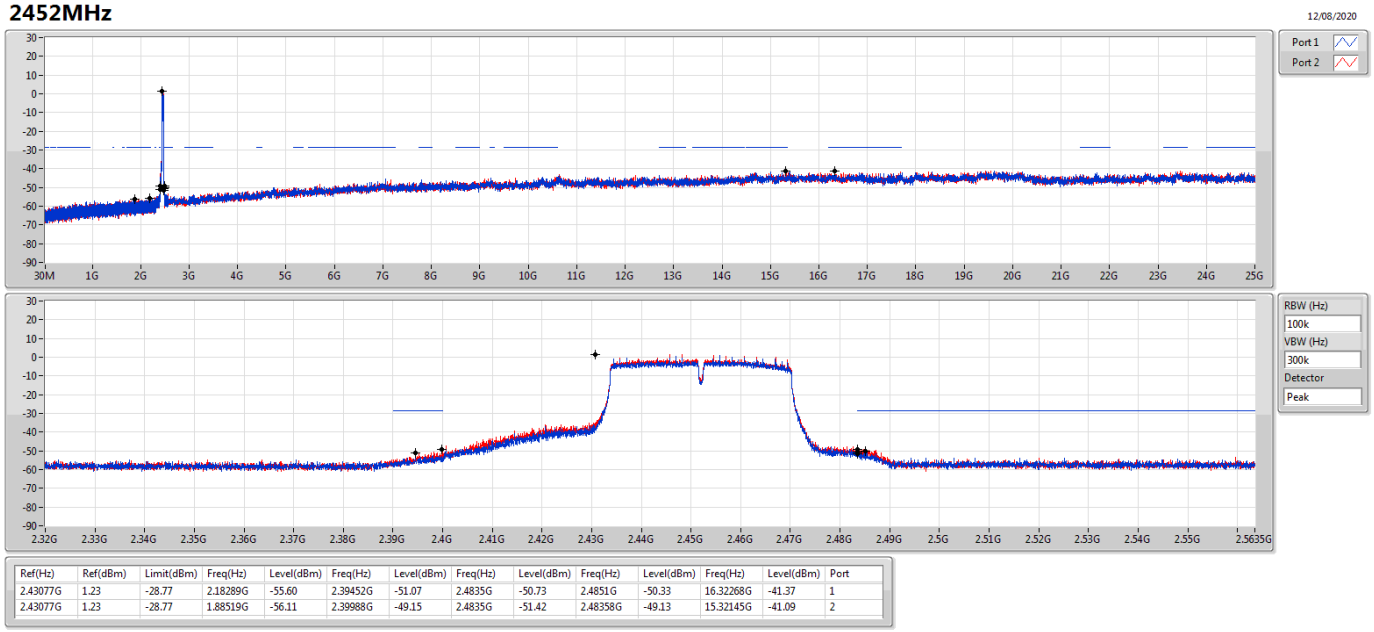
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	1.23	-28.77	2.1265G	-55.52	2.39964G	-42.96	2.4G	-46.82	2.48514G	-51.33	23.46871G	-40.66	1
2.43077G	1.23	-28.77	2.10617G	-54.68	2.39948G	-47.06	2.4G	-48.46	2.48506G	-50.64	14.95125G	-41.37	2

VHT40_Nss1,(MCS0)_2TX **CSENdB**

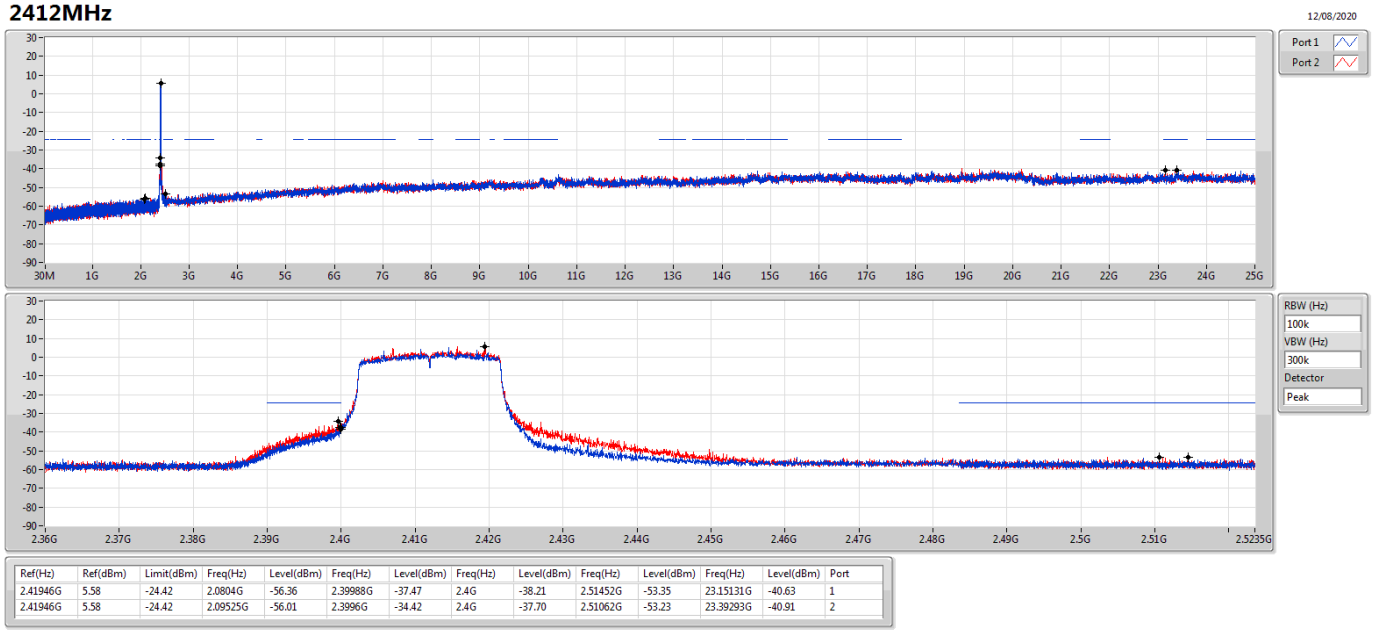
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43077G	1.23	-28.77	2.18289G	-55.60	2.39452G	-51.07	2.4835G	-50.73	2.4851G	-50.33	16.32268G	-41.37	1
2.43077G	1.23	-28.77	1.88519G	-56.11	2.39988G	-49.15	2.4835G	-51.42	2.48358G	-49.13	15.32145G	-41.09	2

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

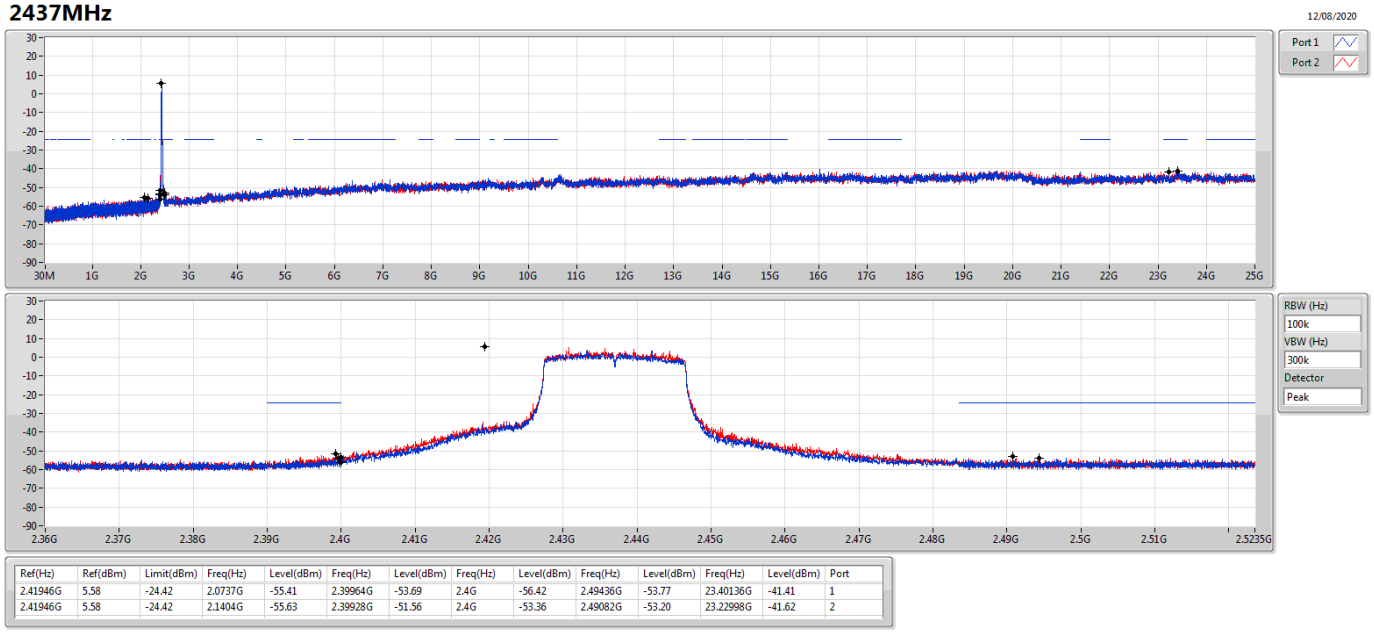
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	5.58	-24.42	2.0804G	-56.36	2.39988G	-37.47	2.4G	-38.21	2.51452G	-53.35	23.15131G	-40.63	1
2.41946G	5.58	-24.42	2.09525G	-56.01	2.3996G	-34.42	2.4G	-37.70	2.51062G	-53.23	23.39293G	-40.91	2

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

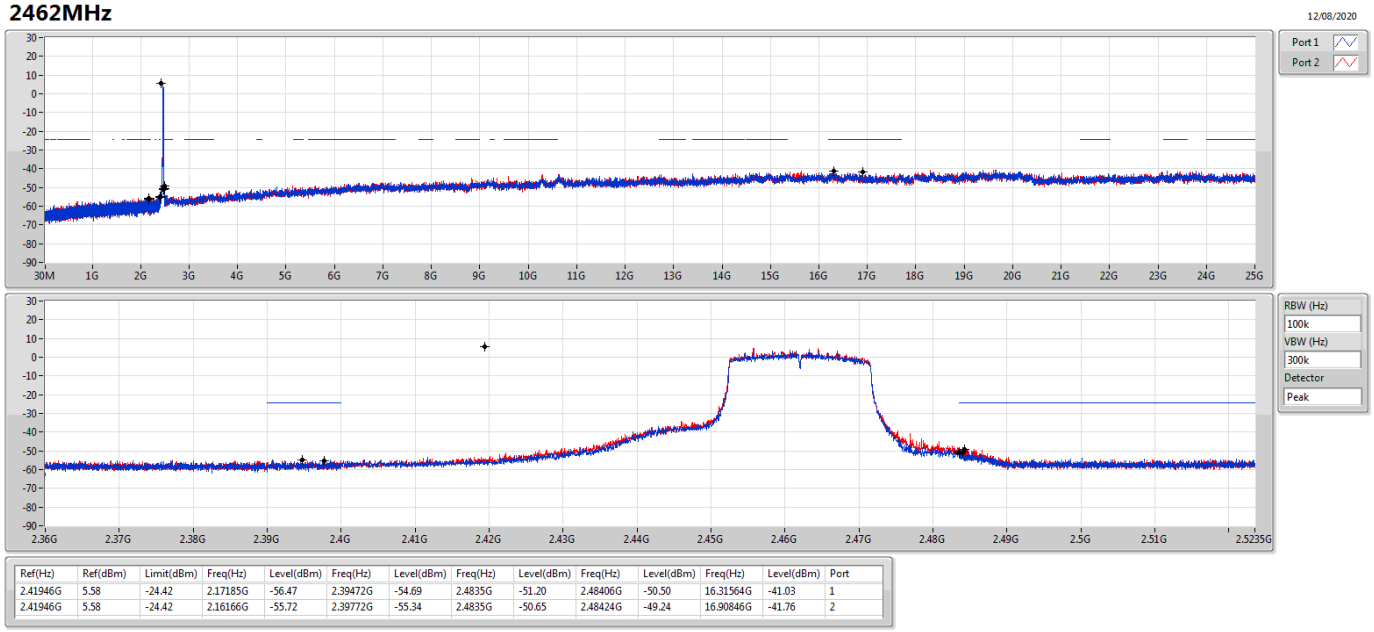
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	5.58	-24.42	2.0737G	-55.41	2.39964G	-53.69	2.4G	-56.42	2.49436G	-53.77	23.40136G	-41.41	1
2.41946G	5.58	-24.42	2.1404G	-55.63	2.39928G	-51.56	2.4G	-53.36	2.49082G	-53.20	23.22998G	-41.62	2

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

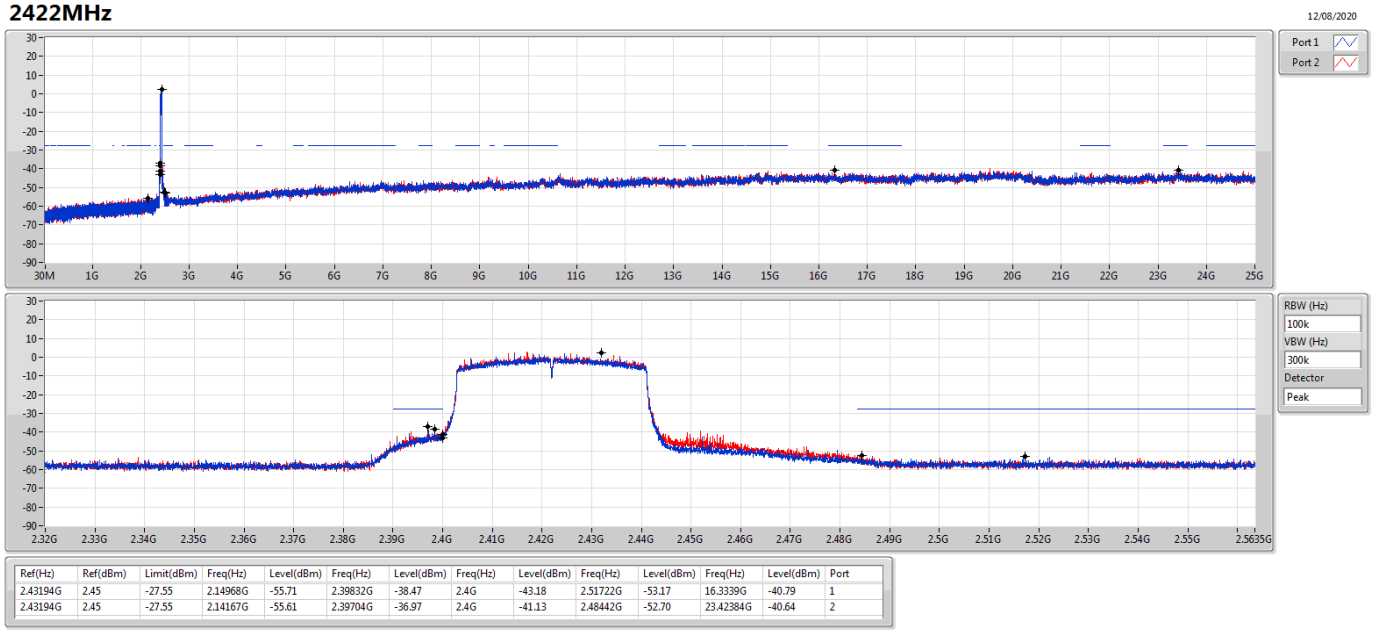
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41946G	5.58	-24.42	2.17185G	-56.47	2.39472G	-54.69	2.4835G	-51.20	2.48406G	-50.50	16.31564G	-41.03	1
2.41946G	5.58	-24.42	2.16166G	-55.72	2.39772G	-55.34	2.4835G	-50.65	2.48424G	-49.24	16.90846G	-41.76	2

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

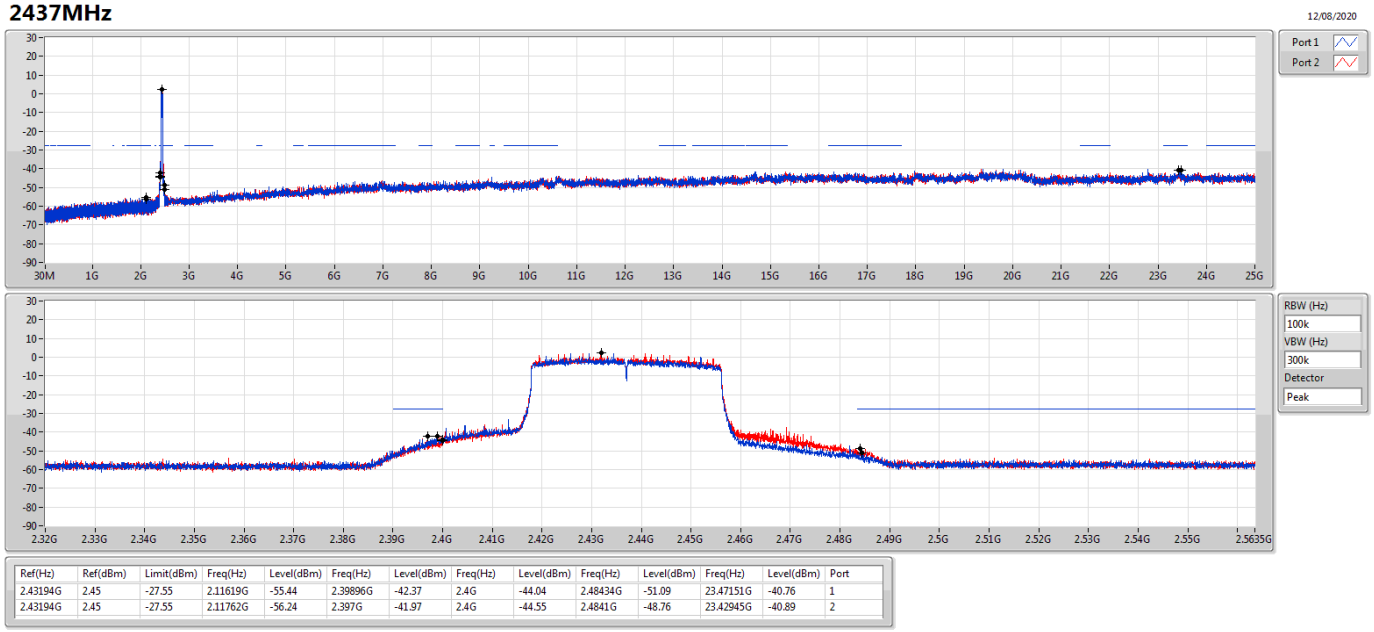
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	2.45	-27.55	2.14968G	-55.71	2.39832G	-38.47	2.4G	-43.18	2.51722G	-53.17	16.3339G	-40.79	1
2.43194G	2.45	-27.55	2.14167G	-55.61	2.39704G	-36.97	2.4G	-41.13	2.48442G	-52.70	23.42384G	-40.64	2

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

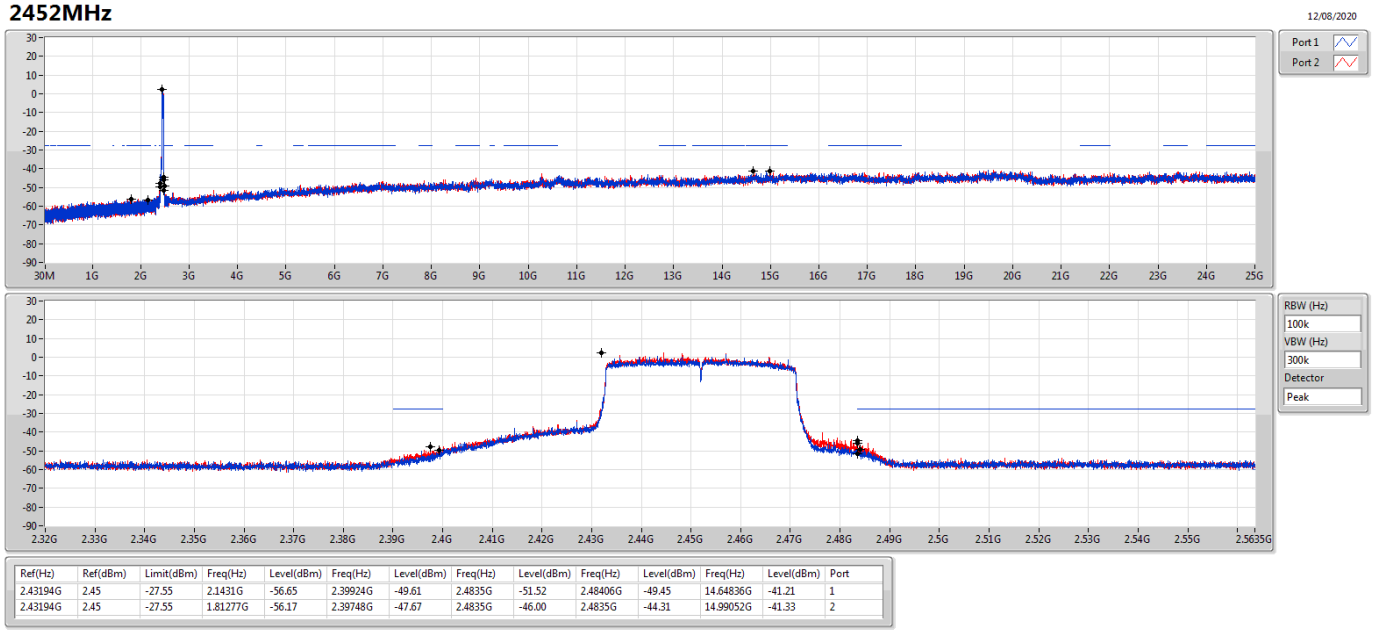
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	2.45	-27.55	2.11619G	-55.44	2.39896G	-42.37	2.4G	-44.04	2.48434G	-51.09	23.47151G	-40.76	1
2.43194G	2.45	-27.55	2.11762G	-56.24	2.397G	-41.97	2.4G	-44.55	2.4841G	-48.76	23.42945G	-40.89	2

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

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	2.45	-27.55	2.1431G	-56.65	2.39924G	-49.61	2.4835G	-51.52	2.48406G	-49.45	14.64836G	-41.21	1
2.43194G	2.45	-27.55	1.81277G	-56.17	2.39748G	-47.67	2.4835G	-46.00	2.4835G	-44.31	14.99052G	-41.33	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	QP	237.58M	40.42	46.00	-5.58	3	Horizontal	158	1.19	-

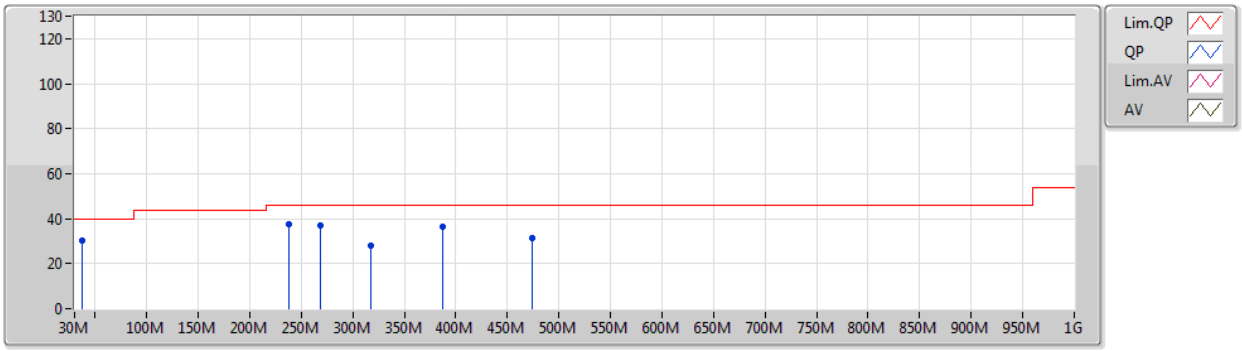
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	37.76M	30.52	40.00	-9.48	3	Vertical	360	1.00	-
2437MHz	Pass	PK	237.58M	37.47	46.00	-8.53	3	Vertical	360	1.00	-
2437MHz	Pass	PK	268.62M	36.87	46.00	-9.13	3	Vertical	360	1.00	-
2437MHz	Pass	PK	317.12M	28.17	46.00	-17.83	3	Vertical	360	1.00	-
2437MHz	Pass	PK	386.96M	36.34	46.00	-9.66	3	Vertical	360	1.00	-
2437MHz	Pass	PK	474.26M	31.24	46.00	-14.76	3	Vertical	360	1.00	-
2437MHz	Pass	PK	317.12M	34.78	46.00	-11.22	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	388.9M	33.34	46.00	-12.66	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	474.26M	30.43	46.00	-15.57	3	Horizontal	0	1.00	-
2437MHz	Pass	QP	237.58M	40.42	46.00	-5.58	3	Horizontal	158	1.19	-
2437MHz	Pass	QP	255.04M	38.66	46.00	-7.34	3	Horizontal	166	1.00	-
2437MHz	Pass	QP	268.62M	39.25	46.00	-6.75	3	Horizontal	162	1.00	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Adapter

16/08/2020

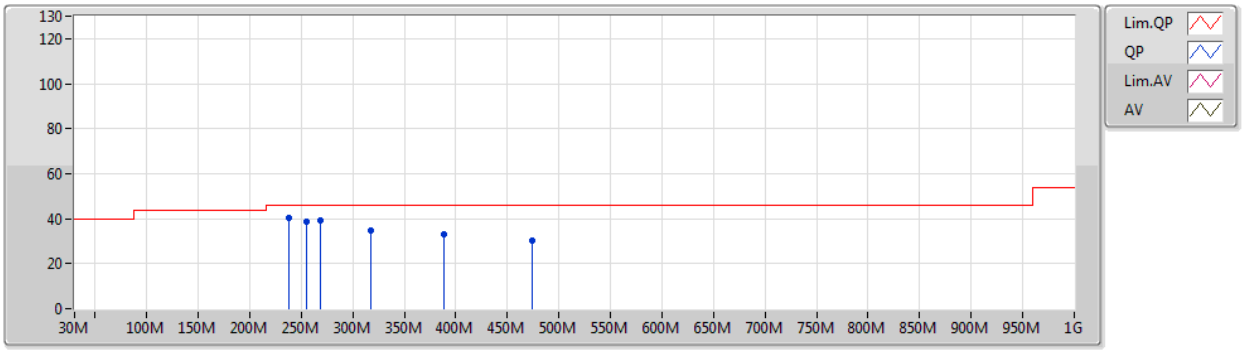


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	30.52	40.00	-9.48	-7.60	3	Vertical	360	1.00	-	38.12	18.99	0.96	27.55
PK	237.58M	37.47	46.00	-8.53	-8.15	3	Vertical	360	1.00	-	45.62	16.08	2.53	26.76
PK	268.62M	36.87	46.00	-9.13	-5.93	3	Vertical	360	1.00	-	42.80	18.05	2.71	26.69
PK	317.12M	28.17	46.00	-17.83	-5.08	3	Vertical	360	1.00	-	33.25	18.70	2.97	26.75
PK	386.96M	36.34	46.00	-9.66	-3.44	3	Vertical	360	1.00	-	39.78	20.48	3.25	27.17
PK	474.26M	31.24	46.00	-14.76	-1.69	3	Vertical	360	1.00	-	32.93	22.50	3.55	27.74

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_Adapter

16/08/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	317.12M	34.78	46.00	-11.22	-5.08	3	Horizontal	0	1.00	-	39.86	18.70	2.97	26.75
PK	388.9M	33.34	46.00	-12.66	-3.35	3	Horizontal	0	1.00	-	36.69	20.57	3.26	27.18
PK	474.26M	30.43	46.00	-15.57	-1.69	3	Horizontal	0	1.00	-	32.12	22.50	3.55	27.74
QP	237.58M	40.42	46.00	-5.58	-8.15	3	Horizontal	158	1.19	-	48.57	16.08	2.53	26.76
QP	255.04M	38.66	46.00	-7.34	-5.78	3	Horizontal	166	1.00	-	44.44	18.29	2.63	26.70
QP	268.62M	39.25	46.00	-6.75	-5.93	3	Horizontal	162	1.00	-	45.18	18.05	2.71	26.69

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	2.3168G	44.61	54.00	-9.39	3	Vertical	168	1.47	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.3898G	53.26	54.00	-0.74	3	Horizontal	83	1.96	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4836G	50.50	54.00	-3.50	3	Horizontal	83	1.82	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	52.26	54.00	-1.74	3	Vertical	162	1.79	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3168G	44.61	54.00	-9.39	3	Vertical	168	1.47	-
2412MHz	Pass	AV	2.4128G	104.12	Inf	-Inf	3	Vertical	168	1.47	-
2412MHz	Pass	AV	2.4968G	43.80	54.00	-10.20	3	Vertical	168	1.47	-
2412MHz	Pass	PK	2.3296G	56.62	74.00	-17.38	3	Vertical	168	1.47	-
2412MHz	Pass	PK	2.4132G	109.06	Inf	-Inf	3	Vertical	168	1.47	-
2412MHz	Pass	PK	2.4928G	55.21	74.00	-18.79	3	Vertical	168	1.47	-
2412MHz	Pass	AV	2.3144G	44.53	54.00	-9.47	3	Horizontal	60	1.70	-
2412MHz	Pass	AV	2.4112G	105.44	Inf	-Inf	3	Horizontal	60	1.70	-
2412MHz	Pass	AV	2.4835G	43.87	54.00	-10.13	3	Horizontal	60	1.70	-
2412MHz	Pass	PK	2.3212G	56.78	74.00	-17.22	3	Horizontal	60	1.70	-
2412MHz	Pass	PK	2.4132G	110.04	Inf	-Inf	3	Horizontal	60	1.70	-
2412MHz	Pass	PK	2.5G	55.98	74.00	-18.02	3	Horizontal	60	1.70	-
2412MHz	Pass	AV	4.82396G	31.55	54.00	-22.45	3	Vertical	0	1.01	-
2412MHz	Pass	PK	4.8254G	45.12	74.00	-28.88	3	Vertical	0	1.01	-
2412MHz	Pass	AV	4.81448G	31.39	54.00	-22.61	3	Horizontal	155	1.50	-
2412MHz	Pass	PK	4.81476G	45.48	74.00	-28.52	3	Horizontal	155	1.50	-
2437MHz	Pass	AV	2.3374G	44.33	54.00	-9.67	3	Vertical	19	1.50	-
2437MHz	Pass	AV	2.4362G	103.89	Inf	-Inf	3	Vertical	19	1.50	-
2437MHz	Pass	AV	2.4842G	43.84	54.00	-10.16	3	Vertical	19	1.50	-
2437MHz	Pass	PK	2.3454G	56.11	74.00	-17.89	3	Vertical	19	1.50	-
2437MHz	Pass	PK	2.4362G	108.48	Inf	-Inf	3	Vertical	19	1.50	-
2437MHz	Pass	PK	2.493G	55.44	74.00	-18.56	3	Vertical	19	1.50	-
2437MHz	Pass	AV	2.3386G	44.31	54.00	-9.69	3	Horizontal	82	1.88	-
2437MHz	Pass	AV	2.4362G	106.42	Inf	-Inf	3	Horizontal	82	1.88	-
2437MHz	Pass	AV	2.4838G	44.05	54.00	-9.95	3	Horizontal	82	1.88	-
2437MHz	Pass	PK	2.3522G	56.16	74.00	-17.84	3	Horizontal	82	1.88	-
2437MHz	Pass	PK	2.4362G	111.08	Inf	-Inf	3	Horizontal	82	1.88	-
2437MHz	Pass	PK	2.487G	56.28	74.00	-17.72	3	Horizontal	82	1.88	-
2437MHz	Pass	AV	4.87088G	31.50	54.00	-22.50	3	Vertical	278	1.89	-
2437MHz	Pass	PK	4.86628G	45.69	74.00	-28.31	3	Vertical	278	1.89	-
2437MHz	Pass	AV	4.86792G	31.45	54.00	-22.55	3	Horizontal	9	1.19	-
2437MHz	Pass	PK	4.88344G	45.76	74.00	-28.24	3	Horizontal	9	1.19	-
2462MHz	Pass	AV	2.4612G	105.01	Inf	-Inf	3	Vertical	165	2.18	-
2462MHz	Pass	AV	2.4835G	44.30	54.00	-9.70	3	Vertical	165	2.18	-
2462MHz	Pass	PK	2.461G	109.67	Inf	-Inf	3	Vertical	165	2.18	-
2462MHz	Pass	PK	2.4836G	56.49	74.00	-17.51	3	Vertical	165	2.18	-
2462MHz	Pass	AV	2.4612G	105.31	Inf	-Inf	3	Horizontal	58	1.47	-
2462MHz	Pass	AV	2.4835G	44.32	54.00	-9.68	3	Horizontal	58	1.47	-
2462MHz	Pass	PK	2.461G	110.05	Inf	-Inf	3	Horizontal	58	1.47	-
2462MHz	Pass	PK	2.4858G	55.64	74.00	-18.36	3	Horizontal	58	1.47	-
2462MHz	Pass	AV	4.93336G	31.49	54.00	-22.51	3	Vertical	89	1.67	-
2462MHz	Pass	PK	4.92628G	45.89	74.00	-28.11	3	Vertical	89	1.67	-
2462MHz	Pass	AV	4.93356G	31.57	54.00	-22.43	3	Horizontal	139	1.29	-
2462MHz	Pass	PK	4.92352G	45.41	74.00	-28.59	3	Horizontal	139	1.29	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3894G	47.82	54.00	-6.18	3	Vertical	164	1.35	-
2412MHz	Pass	AV	2.4128G	99.58	Inf	-Inf	3	Vertical	164	1.35	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	PK	2.3898G	61.57	74.00	-12.43	3	Vertical	164	1.35	-
2412MHz	Pass	PK	2.4128G	109.95	Inf	-Inf	3	Vertical	164	1.35	-
2412MHz	Pass	AV	2.3898G	53.26	54.00	-0.74	3	Horizontal	83	1.96	-
2412MHz	Pass	AV	2.4142G	105.51	Inf	-Inf	3	Horizontal	83	1.96	-
2412MHz	Pass	PK	2.39G	69.03	74.00	-4.97	3	Horizontal	83	1.96	-
2412MHz	Pass	PK	2.4142G	116.35	Inf	-Inf	3	Horizontal	83	1.96	-
2412MHz	Pass	AV	4.81424G	31.46	54.00	-22.54	3	Vertical	222	1.77	-
2412MHz	Pass	PK	4.83328G	44.97	74.00	-29.03	3	Vertical	222	1.77	-
2412MHz	Pass	AV	4.81412G	31.45	54.00	-22.55	3	Horizontal	231	1.30	-
2412MHz	Pass	PK	4.82896G	45.63	74.00	-28.37	3	Horizontal	231	1.30	-
2437MHz	Pass	AV	2.337G	44.34	54.00	-9.66	3	Vertical	164	1.25	-
2437MHz	Pass	AV	2.4378G	99.25	Inf	-Inf	3	Vertical	164	1.25	-
2437MHz	Pass	AV	2.4838G	43.84	54.00	-10.16	3	Vertical	164	1.25	-
2437MHz	Pass	PK	2.359G	56.45	74.00	-17.55	3	Vertical	164	1.25	-
2437MHz	Pass	PK	2.4326G	110.22	Inf	-Inf	3	Vertical	164	1.25	-
2437MHz	Pass	PK	2.485G	56.23	74.00	-17.77	3	Vertical	164	1.25	-
2437MHz	Pass	AV	2.3378G	44.33	54.00	-9.67	3	Horizontal	87	1.85	-
2437MHz	Pass	AV	2.4338G	104.32	Inf	-Inf	3	Horizontal	87	1.85	-
2437MHz	Pass	AV	2.4835G	44.11	54.00	-9.89	3	Horizontal	87	1.85	-
2437MHz	Pass	PK	2.3446G	56.26	74.00	-17.74	3	Horizontal	87	1.85	-
2437MHz	Pass	PK	2.4338G	114.48	Inf	-Inf	3	Horizontal	87	1.85	-
2437MHz	Pass	PK	2.4835G	57.78	74.00	-16.22	3	Horizontal	87	1.85	-
2437MHz	Pass	AV	4.86692G	31.59	54.00	-22.41	3	Vertical	248	1.72	-
2437MHz	Pass	PK	4.87508G	44.97	74.00	-29.03	3	Vertical	248	1.72	-
2437MHz	Pass	AV	4.87024G	31.57	54.00	-22.43	3	Horizontal	127	2.03	-
2437MHz	Pass	PK	4.87468G	46.11	74.00	-27.89	3	Horizontal	127	2.03	-
2462MHz	Pass	AV	2.4642G	99.28	Inf	-Inf	3	Vertical	188	1.49	-
2462MHz	Pass	AV	2.4836G	48.11	54.00	-5.89	3	Vertical	188	1.49	-
2462MHz	Pass	PK	2.4644G	110.17	Inf	-Inf	3	Vertical	188	1.49	-
2462MHz	Pass	PK	2.4838G	61.96	74.00	-12.04	3	Vertical	188	1.49	-
2462MHz	Pass	AV	2.4588G	104.70	Inf	-Inf	3	Horizontal	88	2.00	-
2462MHz	Pass	AV	2.4835G	50.24	54.00	-3.76	3	Horizontal	88	2.00	-
2462MHz	Pass	PK	2.4644G	115.40	Inf	-Inf	3	Horizontal	88	2.00	-
2462MHz	Pass	PK	2.4835G	65.34	74.00	-8.66	3	Horizontal	88	2.00	-
2462MHz	Pass	AV	4.92948G	31.87	54.00	-22.13	3	Vertical	236	1.50	-
2462MHz	Pass	PK	4.92112G	45.49	74.00	-28.51	3	Vertical	236	1.50	-
2462MHz	Pass	AV	4.93308G	31.68	54.00	-22.32	3	Horizontal	58	1.50	-
2462MHz	Pass	PK	4.93304G	45.58	74.00	-28.42	3	Horizontal	58	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	49.24	54.00	-4.76	3	Vertical	163	1.11	-
2412MHz	Pass	AV	2.4136G	101.53	Inf	-Inf	3	Vertical	163	1.11	-
2412MHz	Pass	PK	2.3898G	61.00	74.00	-13.00	3	Vertical	163	1.11	-
2412MHz	Pass	PK	2.414G	113.28	Inf	-Inf	3	Vertical	163	1.11	-
2412MHz	Pass	AV	2.39G	48.76	54.00	-5.24	3	Horizontal	75	1.56	-
2412MHz	Pass	AV	2.4142G	103.93	Inf	-Inf	3	Horizontal	75	1.56	-
2412MHz	Pass	PK	2.3892G	62.44	74.00	-11.56	3	Horizontal	75	1.56	-
2412MHz	Pass	PK	2.4146G	116.25	Inf	-Inf	3	Horizontal	75	1.56	-
2412MHz	Pass	AV	4.8298G	33.04	54.00	-20.96	3	Vertical	143	2.35	-
2412MHz	Pass	PK	4.8166G	45.06	74.00	-28.94	3	Vertical	143	2.35	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2412MHz	Pass	AV	4.83048G	33.03	54.00	-20.97	3	Horizontal	37	2.43	-
2412MHz	Pass	PK	4.81636G	45.32	74.00	-28.68	3	Horizontal	37	2.43	-
2437MHz	Pass	AV	2.337G	47.23	54.00	-6.77	3	Vertical	172	1.54	-
2437MHz	Pass	AV	2.4358G	101.28	Inf	-Inf	3	Vertical	172	1.54	-
2437MHz	Pass	AV	2.4854G	47.72	54.00	-6.28	3	Vertical	172	1.54	-
2437MHz	Pass	PK	2.3426G	59.61	74.00	-14.39	3	Vertical	172	1.54	-
2437MHz	Pass	PK	2.4358G	112.77	Inf	-Inf	3	Vertical	172	1.54	-
2437MHz	Pass	PK	2.4958G	59.26	74.00	-14.74	3	Vertical	172	1.54	-
2437MHz	Pass	AV	2.337G	47.23	54.00	-6.77	3	Horizontal	90	1.72	-
2437MHz	Pass	AV	2.4402G	102.93	Inf	-Inf	3	Horizontal	90	1.72	-
2437MHz	Pass	AV	2.4854G	47.72	54.00	-6.28	3	Horizontal	90	1.72	-
2437MHz	Pass	PK	2.3734G	59.25	74.00	-14.75	3	Horizontal	90	1.72	-
2437MHz	Pass	PK	2.4406G	114.66	Inf	-Inf	3	Horizontal	90	1.72	-
2437MHz	Pass	PK	2.4854G	59.57	74.00	-14.43	3	Horizontal	90	1.72	-
2437MHz	Pass	AV	4.8888G	33.36	54.00	-20.64	3	Vertical	0	1.50	-
2437MHz	Pass	PK	4.86176G	45.78	74.00	-28.22	3	Vertical	0	1.50	-
2437MHz	Pass	AV	4.89328G	33.24	54.00	-20.76	3	Horizontal	15	1.42	-
2437MHz	Pass	PK	4.87288G	45.50	74.00	-28.50	3	Horizontal	15	1.42	-
2462MHz	Pass	AV	2.4604G	101.31	Inf	-Inf	3	Vertical	171	1.67	-
2462MHz	Pass	AV	2.4835G	49.82	54.00	-4.18	3	Vertical	171	1.67	-
2462MHz	Pass	PK	2.4608G	113.18	Inf	-Inf	3	Vertical	171	1.67	-
2462MHz	Pass	PK	2.4836G	60.70	74.00	-13.30	3	Vertical	171	1.67	-
2462MHz	Pass	AV	2.4562G	102.74	Inf	-Inf	3	Horizontal	83	1.82	-
2462MHz	Pass	AV	2.4836G	50.50	54.00	-3.50	3	Horizontal	83	1.82	-
2462MHz	Pass	PK	2.4572G	114.59	Inf	-Inf	3	Horizontal	83	1.82	-
2462MHz	Pass	PK	2.4842G	62.93	74.00	-11.07	3	Horizontal	83	1.82	-
2462MHz	Pass	AV	4.93356G	33.55	54.00	-20.45	3	Vertical	167	1.69	-
2462MHz	Pass	PK	4.91784G	46.17	74.00	-27.83	3	Vertical	167	1.69	-
2462MHz	Pass	AV	4.93388G	33.55	54.00	-20.45	3	Horizontal	124	1.89	-
2462MHz	Pass	PK	4.93232G	46.06	74.00	-27.94	3	Horizontal	124	1.89	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	51.13	54.00	-2.87	3	Vertical	0	1.11	-
2422MHz	Pass	AV	2.4184G	98.54	Inf	-Inf	3	Vertical	0	1.11	-
2422MHz	Pass	AV	2.4835G	48.00	54.00	-6.00	3	Vertical	0	1.11	-
2422MHz	Pass	PK	2.3888G	62.28	74.00	-11.72	3	Vertical	0	1.11	-
2422MHz	Pass	PK	2.4204G	109.17	Inf	-Inf	3	Vertical	0	1.11	-
2422MHz	Pass	PK	2.492G	59.56	74.00	-14.44	3	Vertical	0	1.11	-
2422MHz	Pass	AV	2.39G	51.85	54.00	-2.15	3	Horizontal	90	1.84	-
2422MHz	Pass	AV	2.4152G	101.81	Inf	-Inf	3	Horizontal	90	1.84	-
2422MHz	Pass	AV	2.4852G	48.30	54.00	-5.70	3	Horizontal	90	1.84	-
2422MHz	Pass	PK	2.39G	62.94	74.00	-11.06	3	Horizontal	90	1.84	-
2422MHz	Pass	PK	2.4148G	112.81	Inf	-Inf	3	Horizontal	90	1.84	-
2422MHz	Pass	PK	2.4888G	60.36	74.00	-13.64	3	Horizontal	90	1.84	-
2422MHz	Pass	AV	4.852G	33.21	54.00	-20.79	3	Vertical	332	2.05	-
2422MHz	Pass	PK	4.84404G	45.38	74.00	-28.62	3	Vertical	332	2.05	-
2422MHz	Pass	AV	4.85028G	33.22	54.00	-20.78	3	Horizontal	354	1.87	-
2422MHz	Pass	PK	4.83648G	45.78	74.00	-28.22	3	Horizontal	354	1.87	-
2437MHz	Pass	AV	2.3894G	47.70	54.00	-6.30	3	Vertical	173	1.53	-
2437MHz	Pass	AV	2.4354G	98.43	Inf	-Inf	3	Vertical	173	1.53	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	2.4854G	50.06	54.00	-3.94	3	Vertical	173	1.53	-
2437MHz	Pass	PK	2.383G	60.81	74.00	-13.19	3	Vertical	173	1.53	-
2437MHz	Pass	PK	2.425G	109.65	Inf	-Inf	3	Vertical	173	1.53	-
2437MHz	Pass	PK	2.4858G	62.46	74.00	-11.54	3	Vertical	173	1.53	-
2437MHz	Pass	AV	2.3898G	50.74	54.00	-3.26	3	Horizontal	84	1.74	-
2437MHz	Pass	AV	2.4298G	100.29	Inf	-Inf	3	Horizontal	84	1.74	-
2437MHz	Pass	AV	2.4835G	51.32	54.00	-2.68	3	Horizontal	84	1.74	-
2437MHz	Pass	PK	2.3898G	62.45	74.00	-11.55	3	Horizontal	84	1.74	-
2437MHz	Pass	PK	2.429G	111.91	Inf	-Inf	3	Horizontal	84	1.74	-
2437MHz	Pass	PK	2.4838G	63.33	74.00	-10.67	3	Horizontal	84	1.74	-
2437MHz	Pass	AV	4.87208G	33.27	54.00	-20.73	3	Vertical	20	2.44	-
2437MHz	Pass	PK	4.87784G	46.49	74.00	-27.51	3	Vertical	20	2.44	-
2437MHz	Pass	AV	4.87288G	33.27	54.00	-20.73	3	Horizontal	31	1.35	-
2437MHz	Pass	PK	4.87476G	45.36	74.00	-28.64	3	Horizontal	31	1.35	-
2452MHz	Pass	AV	2.39G	47.42	54.00	-6.58	3	Vertical	162	1.79	-
2452MHz	Pass	AV	2.4532G	99.04	Inf	-Inf	3	Vertical	162	1.79	-
2452MHz	Pass	AV	2.4835G	52.26	54.00	-1.74	3	Vertical	162	1.79	-
2452MHz	Pass	PK	2.3696G	59.03	74.00	-14.97	3	Vertical	162	1.79	-
2452MHz	Pass	PK	2.4424G	110.35	Inf	-Inf	3	Vertical	162	1.79	-
2452MHz	Pass	PK	2.4844G	65.39	74.00	-8.61	3	Vertical	162	1.79	-
2452MHz	Pass	AV	2.39G	47.42	54.00	-6.58	3	Horizontal	70	1.69	-
2452MHz	Pass	AV	2.454G	100.52	Inf	-Inf	3	Horizontal	70	1.69	-
2452MHz	Pass	AV	2.4835G	51.90	54.00	-2.10	3	Horizontal	70	1.69	-
2452MHz	Pass	PK	2.3548G	59.12	74.00	-14.88	3	Horizontal	70	1.69	-
2452MHz	Pass	PK	2.4544G	112.00	Inf	-Inf	3	Horizontal	70	1.69	-
2452MHz	Pass	PK	2.4835G	66.82	74.00	-7.18	3	Horizontal	70	1.69	-
2452MHz	Pass	AV	4.9156G	33.68	54.00	-20.32	3	Vertical	360	1.50	-
2452MHz	Pass	PK	4.91496G	46.45	74.00	-27.55	3	Vertical	360	1.50	-
2452MHz	Pass	AV	4.91016G	33.58	54.00	-20.42	3	Horizontal	214	1.50	-
2452MHz	Pass	PK	4.91704G	47.53	74.00	-26.47	3	Horizontal	214	1.50	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

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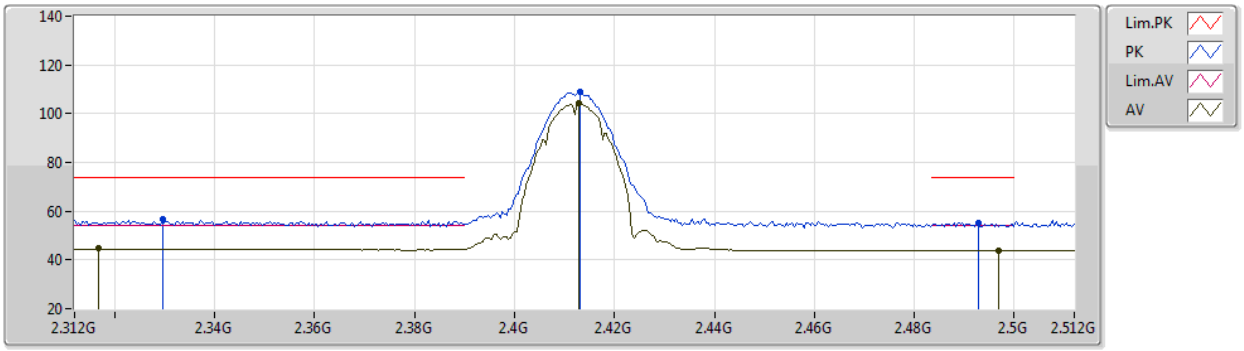

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3168G	44.61	54.00	-9.39	32.05	3	Vertical	168	1.47	-	12.56	27.83	4.22	-
AV	2.4128G	104.12	Inf	-Inf	31.88	3	Vertical	168	1.47	-	72.24	27.57	4.31	-
AV	2.4968G	43.80	54.00	-10.20	31.81	3	Vertical	168	1.47	-	11.99	27.41	4.40	-
PK	2.3296G	56.62	74.00	-17.38	32.01	3	Vertical	168	1.47	-	24.61	27.78	4.23	-
PK	2.4132G	109.06	Inf	-Inf	31.88	3	Vertical	168	1.47	-	77.18	27.57	4.31	-
PK	2.4928G	55.21	74.00	-18.79	31.80	3	Vertical	168	1.47	-	23.41	27.41	4.39	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

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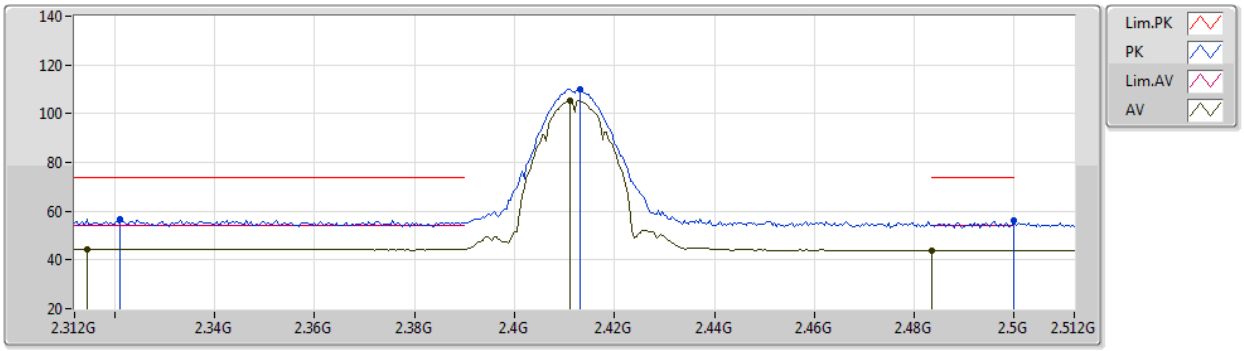

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3144G	44.53	54.00	-9.47	32.05	3	Horizontal	60	1.70	-	12.48	27.84	4.21	-
AV	2.4112G	105.44	Inf	-Inf	31.89	3	Horizontal	60	1.70	-	73.55	27.58	4.31	-
AV	2.4835G	43.87	54.00	-10.13	31.81	3	Horizontal	60	1.70	-	12.06	27.43	4.38	-
PK	2.3212G	56.78	74.00	-17.22	32.04	3	Horizontal	60	1.70	-	24.74	27.82	4.22	-
PK	2.4132G	110.04	Inf	-Inf	31.88	3	Horizontal	60	1.70	-	78.16	27.57	4.31	-
PK	2.5G	55.98	74.00	-18.02	31.80	3	Horizontal	60	1.70	-	24.18	27.40	4.40	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

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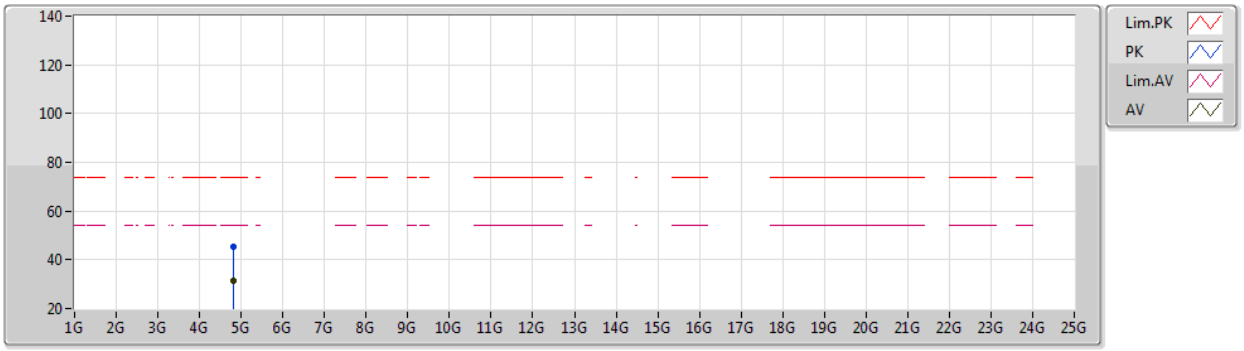
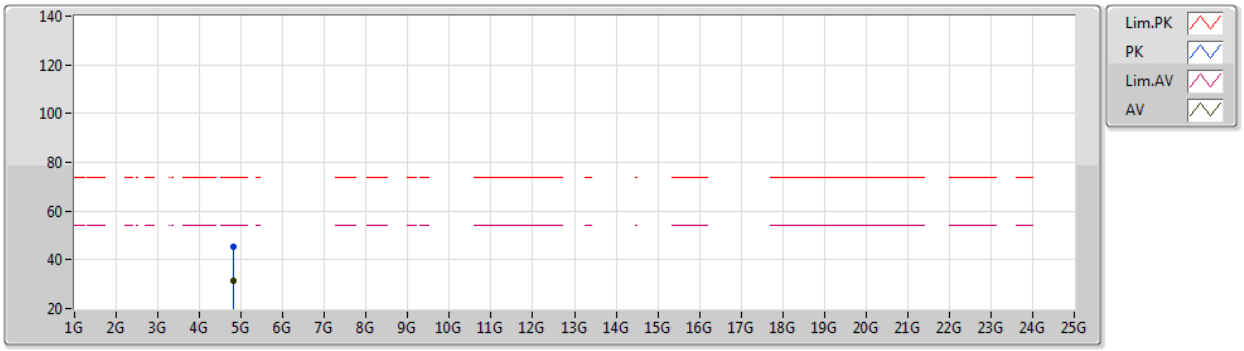


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82396G	31.55	54.00	-22.45	8.22	3	Vertical	0	1.01	-	23.33	31.10	6.52	29.40
PK	4.8254G	45.12	74.00	-28.88	8.23	3	Vertical	0	1.01	-	36.89	31.10	6.53	29.40

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

19/08/2020

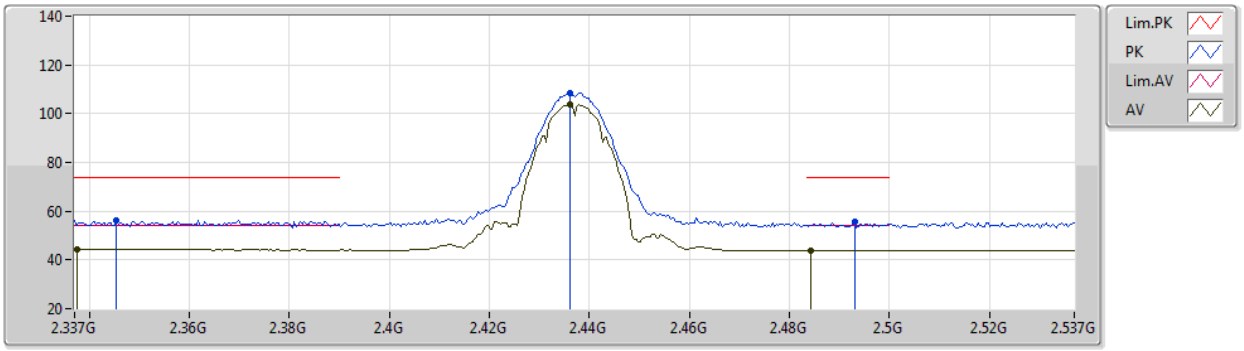


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81448G	31.39	54.00	-22.61	8.20	3	Horizontal	155	1.50	-	23.19	31.10	6.51	29.41
PK	4.81476G	45.48	74.00	-28.52	8.20	3	Horizontal	155	1.50	-	37.28	31.10	6.51	29.41

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/08/2020

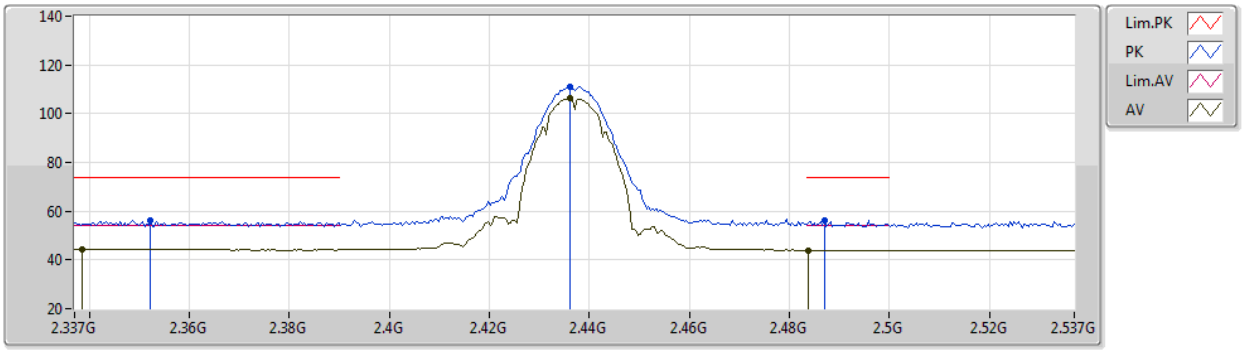


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3374G	44.33	54.00	-9.67	31.99	3	Vertical	19	1.50	-	12.34	27.75	4.24	-
AV	2.4362G	103.89	Inf	-Inf	31.87	3	Vertical	19	1.50	-	72.02	27.53	4.34	-
AV	2.4842G	43.84	54.00	-10.16	31.81	3	Vertical	19	1.50	-	12.03	27.43	4.38	-
PK	2.3454G	56.11	74.00	-17.89	31.97	3	Vertical	19	1.50	-	24.14	27.72	4.25	-
PK	2.4362G	108.48	Inf	-Inf	31.87	3	Vertical	19	1.50	-	76.61	27.53	4.34	-
PK	2.493G	55.44	74.00	-18.56	31.80	3	Vertical	19	1.50	-	23.64	27.41	4.39	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

18/08/2020

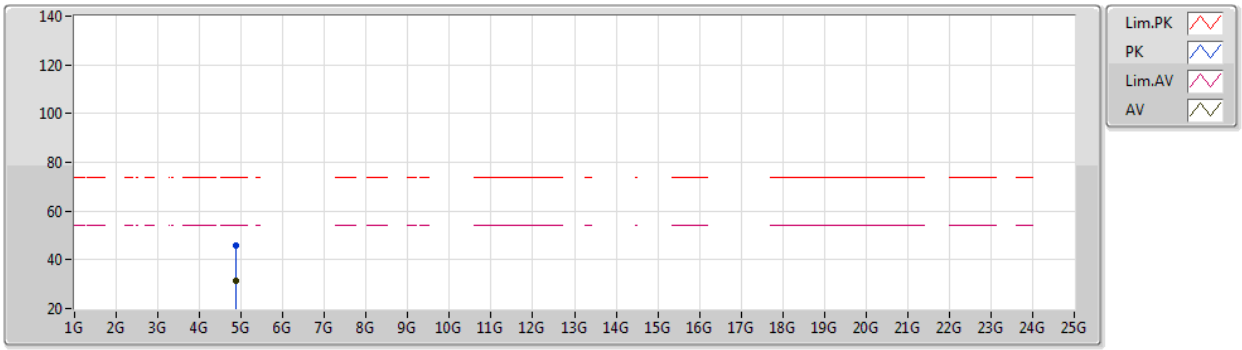


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3386G	44.31	54.00	-9.69	31.99	3	Horizontal	82	1.88	-	12.32	27.75	4.24	-
AV	2.4362G	106.42	Inf	-Inf	31.87	3	Horizontal	82	1.88	-	74.55	27.53	4.34	-
AV	2.4838G	44.05	54.00	-9.95	31.81	3	Horizontal	82	1.88	-	12.24	27.43	4.38	-
PK	2.3522G	56.16	74.00	-17.84	31.95	3	Horizontal	82	1.88	-	24.21	27.70	4.25	-
PK	2.4362G	111.08	Inf	-Inf	31.87	3	Horizontal	82	1.88	-	79.21	27.53	4.34	-
PK	2.487G	56.28	74.00	-17.72	31.82	3	Horizontal	82	1.88	-	24.46	27.43	4.39	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

19/08/2020

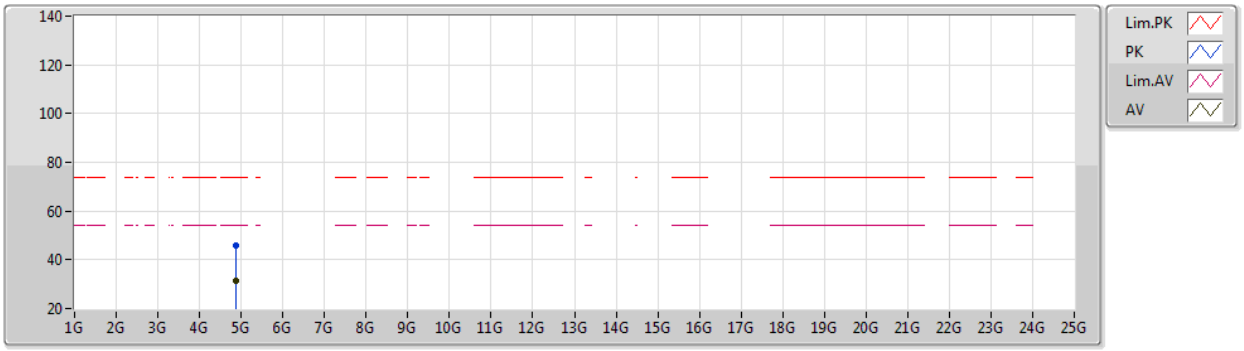


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87088G	31.50	54.00	-22.50	8.29	3	Vertical	278	1.89	-	23.21	31.10	6.57	29.38
PK	4.86628G	45.69	74.00	-28.31	8.29	3	Vertical	278	1.89	-	37.40	31.10	6.57	29.38

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

19/08/2020

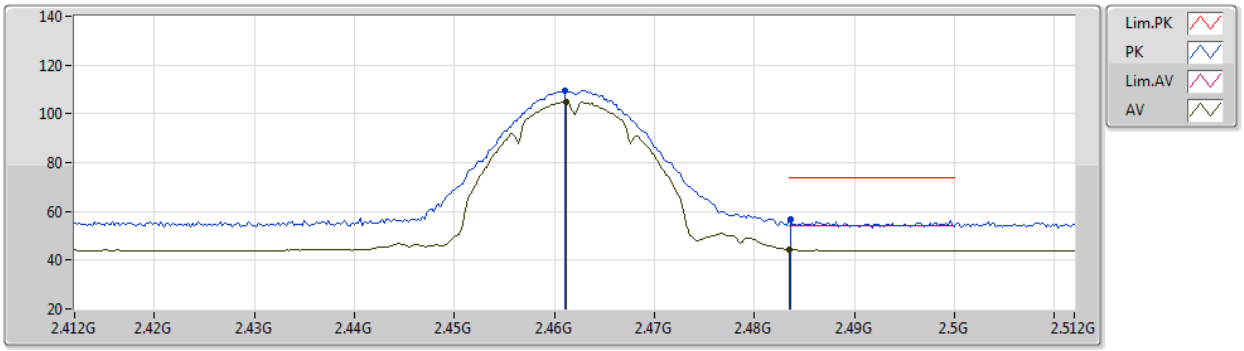


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.86792G	31.45	54.00	-22.55	8.29	3	Horizontal	9	1.19	-	23.16	31.10	6.57	29.38
PK	4.88344G	45.76	74.00	-28.24	8.31	3	Horizontal	9	1.19	-	37.45	31.10	6.58	29.37

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

19/08/2020

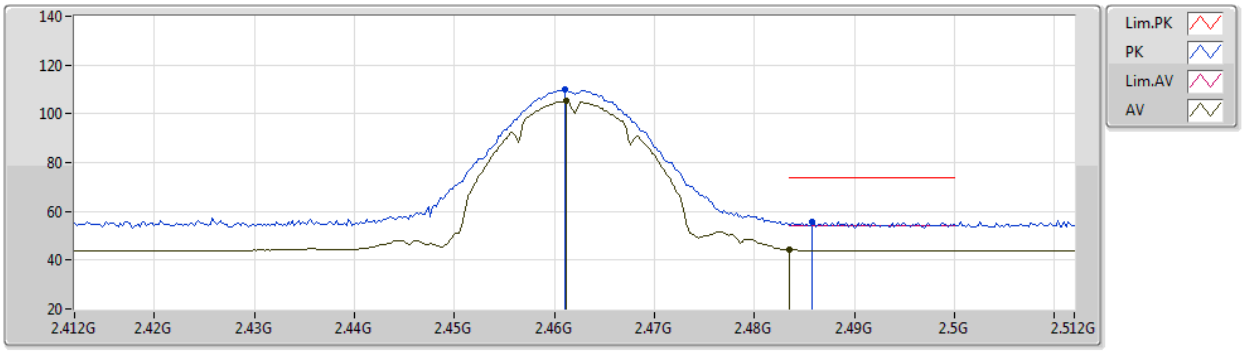


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	105.01	Inf	-Inf	31.84	3	Vertical	165	2.18	-	73.17	27.48	4.36	-
AV	2.4835G	44.30	54.00	-9.70	31.81	3	Vertical	165	2.18	-	12.49	27.43	4.38	-
PK	2.461G	109.67	Inf	-Inf	31.84	3	Vertical	165	2.18	-	77.83	27.48	4.36	-
PK	2.4836G	56.49	74.00	-17.51	31.81	3	Vertical	165	2.18	-	24.68	27.43	4.38	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

19/08/2020

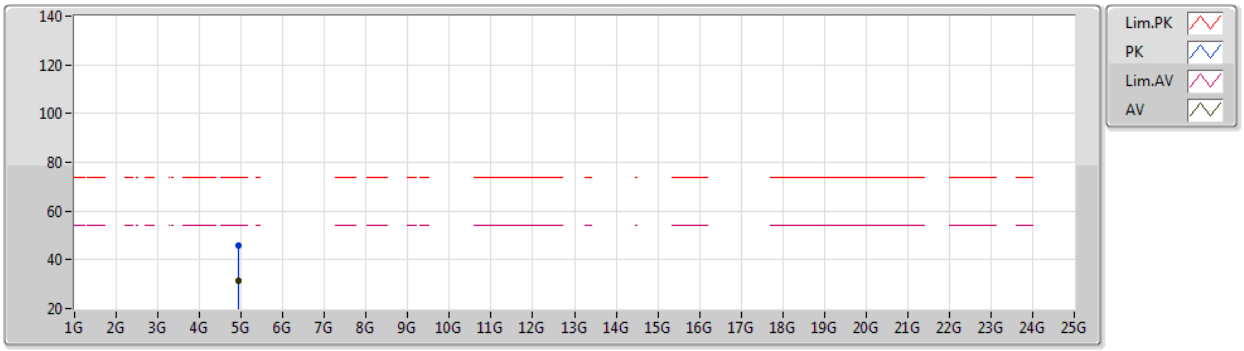


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4612G	105.31	Inf	-Inf	31.84	3	Horizontal	58	1.47	-	73.47	27.48	4.36	-
AV	2.4835G	44.32	54.00	-9.68	31.81	3	Horizontal	58	1.47	-	12.51	27.43	4.38	-
PK	2.461G	110.05	Inf	-Inf	31.84	3	Horizontal	58	1.47	-	78.21	27.48	4.36	-
PK	2.4858G	55.64	74.00	-18.36	31.82	3	Horizontal	58	1.47	-	23.82	27.43	4.39	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

19/08/2020

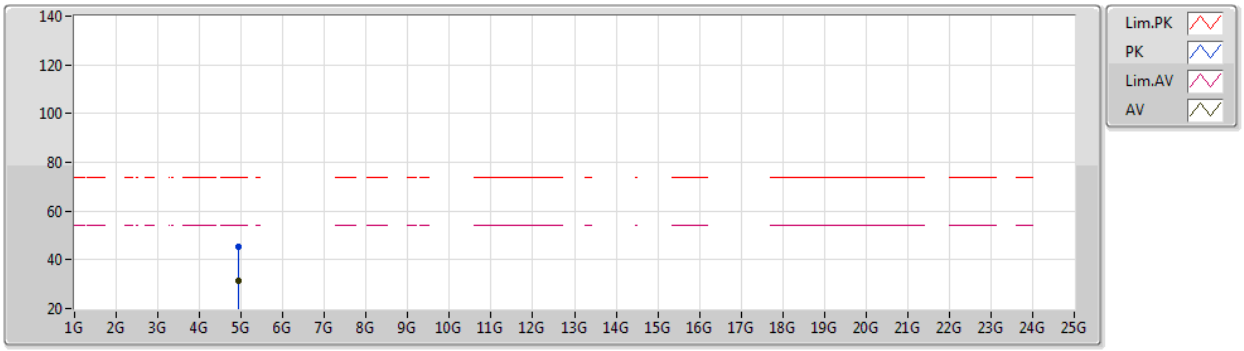


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93336G	31.49	54.00	-22.51	8.45	3	Vertical	89	1.67	-	23.04	31.17	6.63	29.35
PK	4.92628G	45.89	74.00	-28.11	8.43	3	Vertical	89	1.67	-	37.46	31.15	6.63	29.35

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

19/08/2020

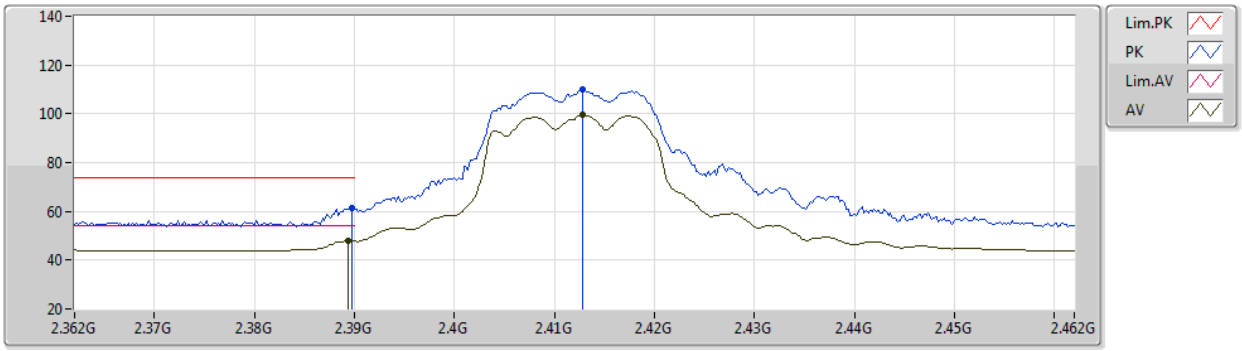


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93356G	31.57	54.00	-22.43	8.45	3	Horizontal	139	1.29	-	23.12	31.17	6.63	29.35
PK	4.92352G	45.41	74.00	-28.59	8.41	3	Horizontal	139	1.29	-	37.00	31.15	6.62	29.36

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

19/08/2020

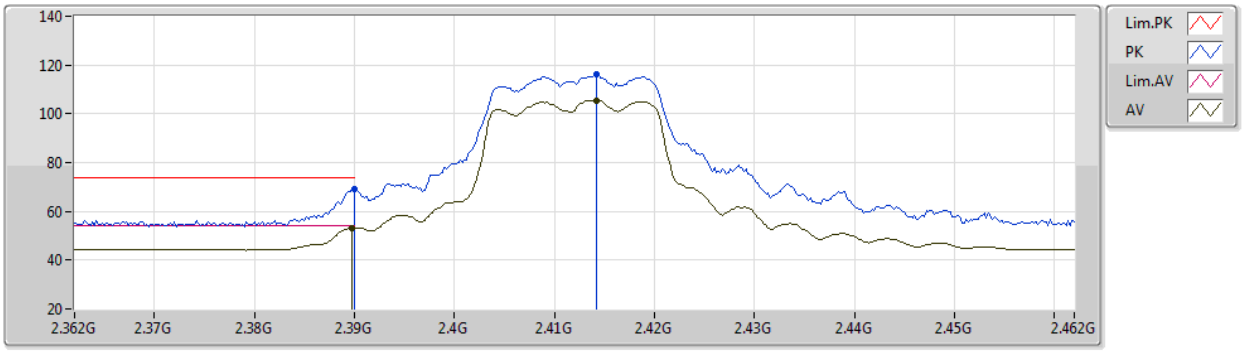


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	47.82	54.00	-6.18	31.91	3	Vertical	164	1.35	-	15.91	27.62	4.29	-
AV	2.4128G	99.58	Inf	-Inf	31.88	3	Vertical	164	1.35	-	67.70	27.57	4.31	-
PK	2.3898G	61.57	74.00	-12.43	31.91	3	Vertical	164	1.35	-	29.66	27.62	4.29	-
PK	2.4128G	109.95	Inf	-Inf	31.88	3	Vertical	164	1.35	-	78.07	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

19/08/2020

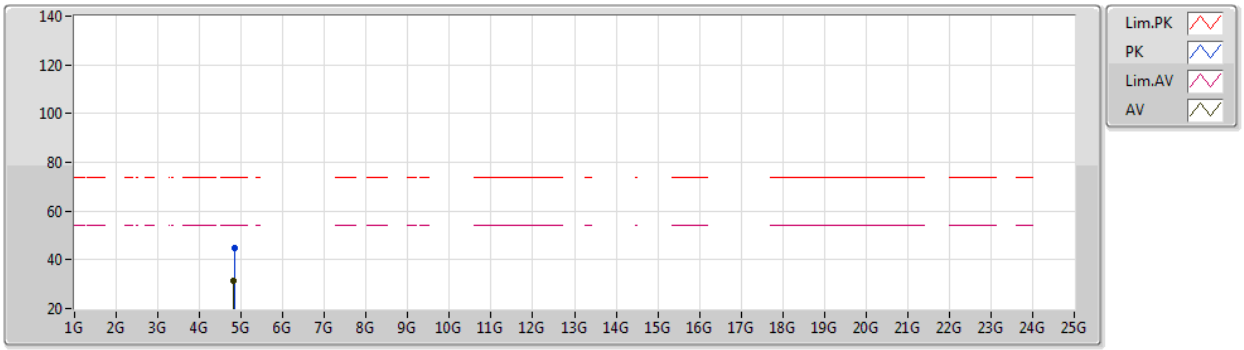


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	53.26	54.00	-0.74	31.91	3	Horizontal	83	1.96	-	21.35	27.62	4.29	-
AV	2.4142G	105.51	Inf	-Inf	31.88	3	Horizontal	83	1.96	-	73.63	27.57	4.31	-
PK	2.39G	69.03	74.00	-4.97	31.91	3	Horizontal	83	1.96	-	37.12	27.62	4.29	-
PK	2.4142G	116.35	Inf	-Inf	31.88	3	Horizontal	83	1.96	-	84.47	27.57	4.31	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

19/08/2020

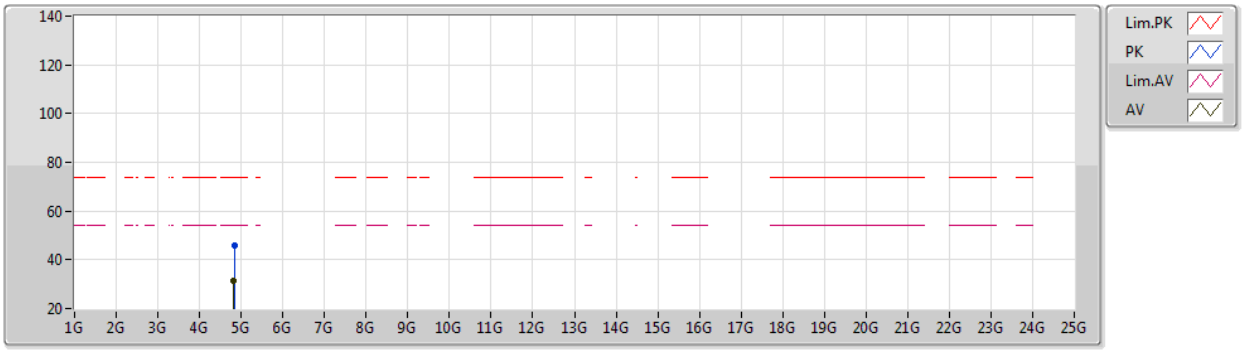


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81424G	31.46	54.00	-22.54	8.20	3	Vertical	222	1.77	-	23.26	31.10	6.51	29.41
PK	4.83328G	44.97	74.00	-29.03	8.23	3	Vertical	222	1.77	-	36.74	31.10	6.53	29.40

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

19/08/2020

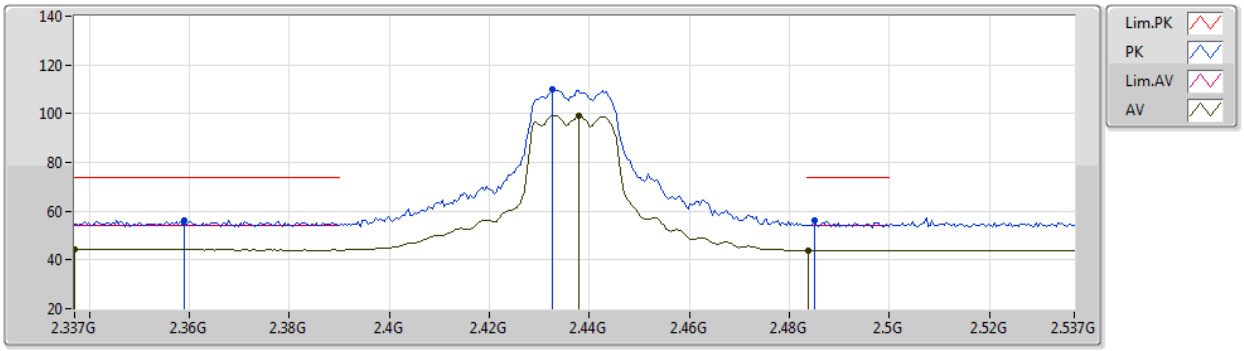


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.81412G	31.45	54.00	-22.55	8.20	3	Horizontal	231	1.30	-	23.25	31.10	6.51	29.41
PK	4.82896G	45.63	74.00	-28.37	8.23	3	Horizontal	231	1.30	-	37.40	31.10	6.53	29.40

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

19/08/2020

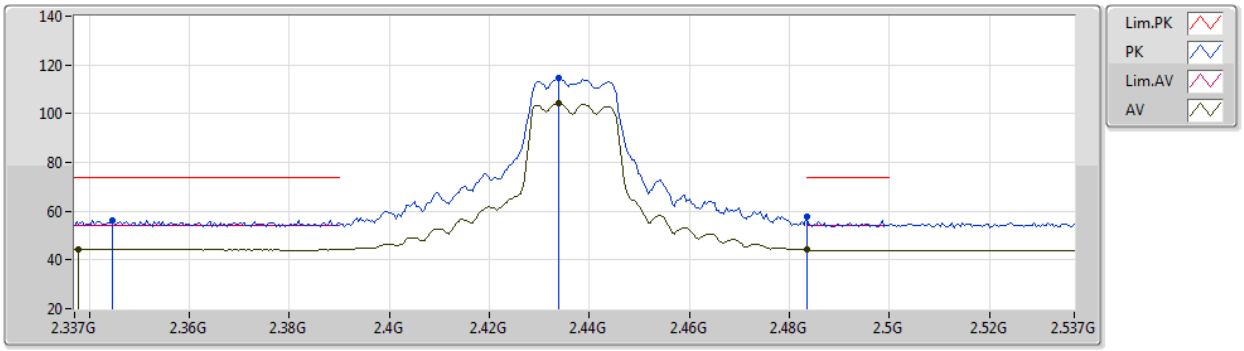


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.337G	44.34	54.00	-9.66	31.99	3	Vertical	164	1.25	-	12.35	27.75	4.24	-
AV	2.4378G	99.25	Inf	-Inf	31.86	3	Vertical	164	1.25	-	67.39	27.52	4.34	-
AV	2.4838G	43.84	54.00	-10.16	31.81	3	Vertical	164	1.25	-	12.03	27.43	4.38	-
PK	2.359G	56.45	74.00	-17.55	31.94	3	Vertical	164	1.25	-	24.51	27.68	4.26	-
PK	2.4326G	110.22	Inf	-Inf	31.86	3	Vertical	164	1.25	-	78.36	27.53	4.33	-
PK	2.485G	56.23	74.00	-17.77	31.81	3	Vertical	164	1.25	-	24.42	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

19/08/2020

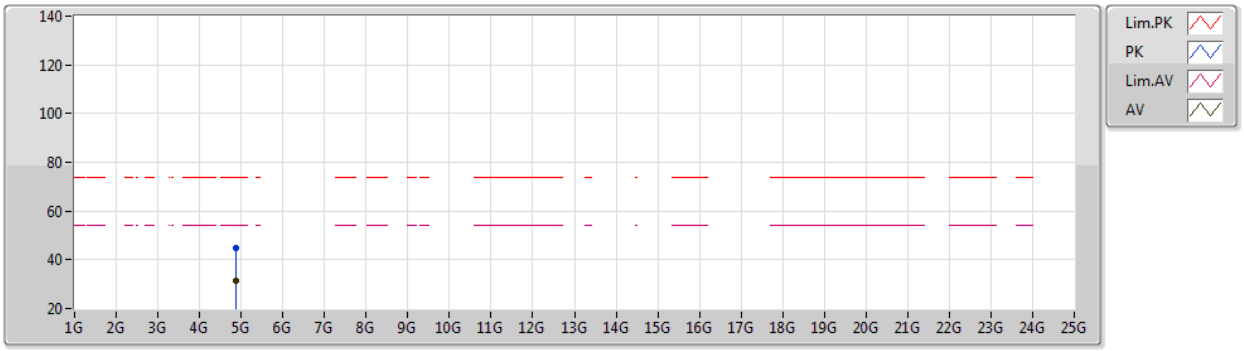


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3378G	44.33	54.00	-9.67	31.99	3	Horizontal	87	1.85	-	12.34	27.75	4.24	-
AV	2.4338G	104.32	Inf	-Inf	31.86	3	Horizontal	87	1.85	-	72.46	27.53	4.33	-
AV	2.4835G	44.11	54.00	-9.89	31.81	3	Horizontal	87	1.85	-	12.30	27.43	4.38	-
PK	2.3446G	56.26	74.00	-17.74	31.96	3	Horizontal	87	1.85	-	24.30	27.72	4.24	-
PK	2.4338G	114.48	Inf	-Inf	31.86	3	Horizontal	87	1.85	-	82.62	27.53	4.33	-
PK	2.4835G	57.78	74.00	-16.22	31.81	3	Horizontal	87	1.85	-	25.97	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

19/08/2020

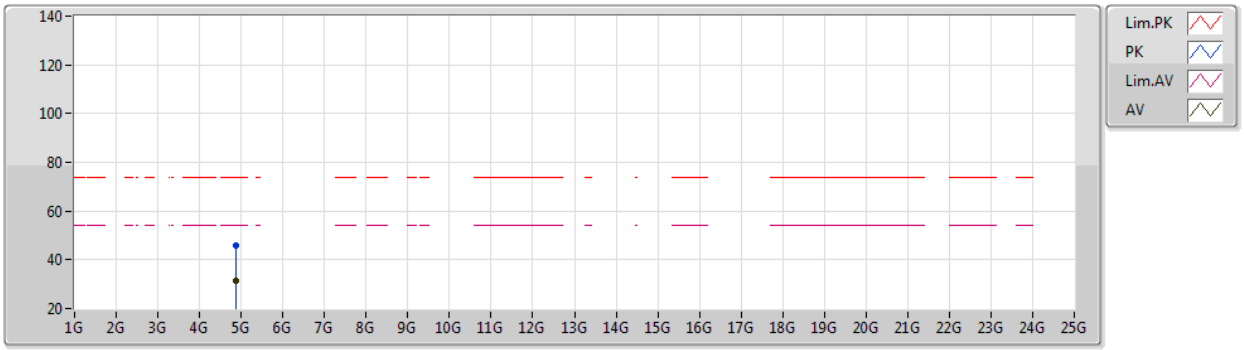


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.86692G	31.59	54.00	-22.41	8.29	3	Vertical	248	1.72	-	23.30	31.10	6.57	29.38
PK	4.87508G	44.97	74.00	-29.03	8.30	3	Vertical	248	1.72	-	36.67	31.10	6.58	29.38

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

19/08/2020

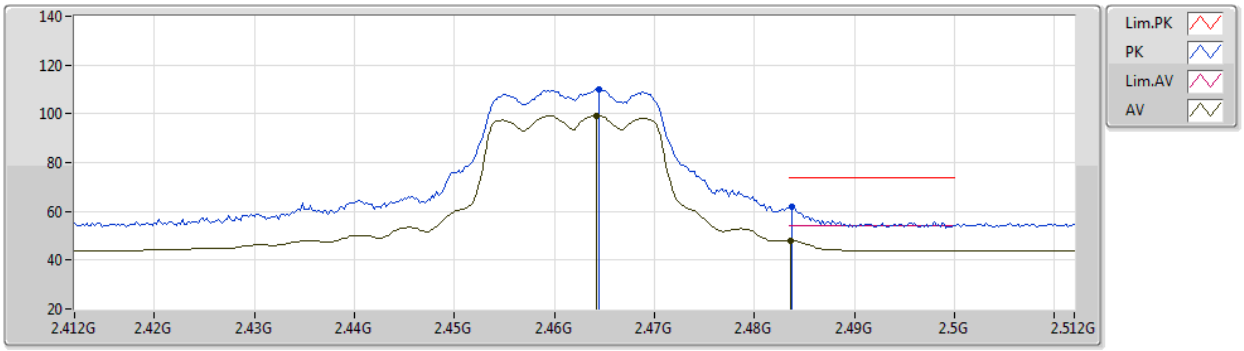


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87024G	31.57	54.00	-22.43	8.29	3	Horizontal	127	2.03	-	23.28	31.10	6.57	29.38
PK	4.87468G	46.11	74.00	-27.89	8.29	3	Horizontal	127	2.03	-	37.82	31.10	6.57	29.38

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

19/08/2020

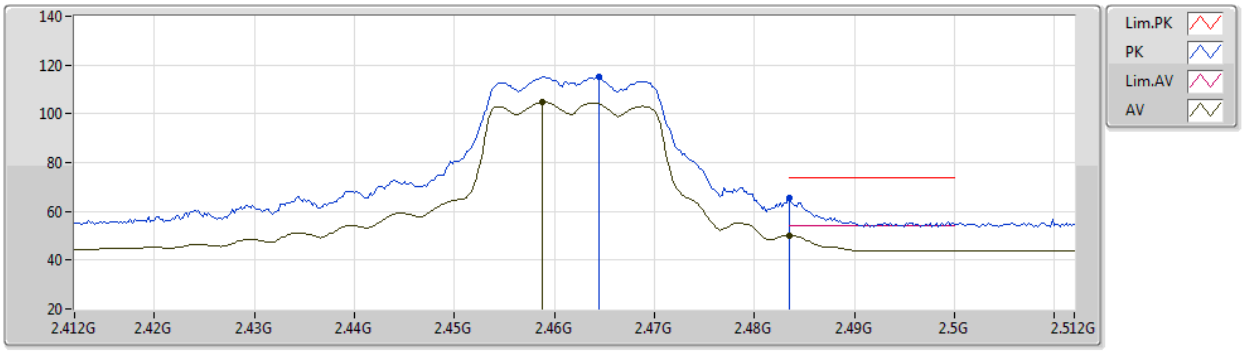


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4642G	99.28	Inf	-Inf	31.83	3	Vertical	188	1.49	-	67.45	27.47	4.36	-
AV	2.4836G	48.11	54.00	-5.89	31.81	3	Vertical	188	1.49	-	16.30	27.43	4.38	-
PK	2.4644G	110.17	Inf	-Inf	31.83	3	Vertical	188	1.49	-	78.34	27.47	4.36	-
PK	2.4838G	61.96	74.00	-12.04	31.81	3	Vertical	188	1.49	-	30.15	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

19/08/2020

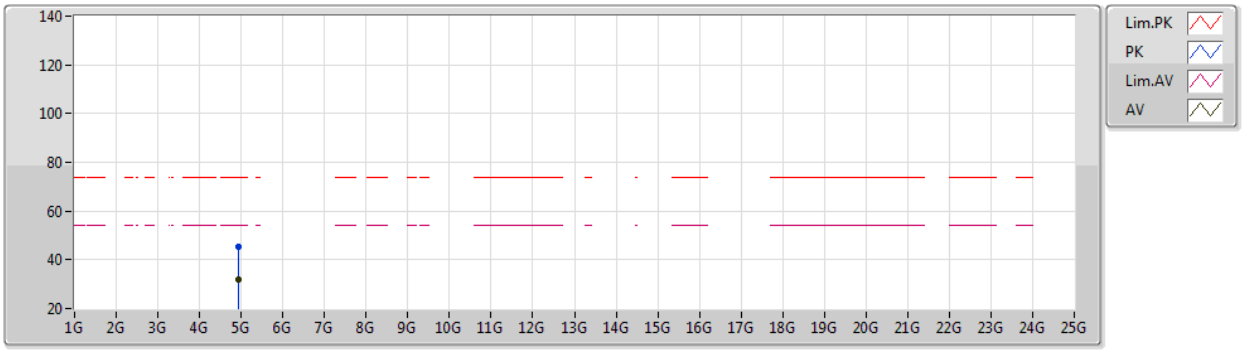


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4588G	104.70	Inf	-Inf	31.84	3	Horizontal	88	2.00	-	72.86	27.48	4.36	-
AV	2.4835G	50.24	54.00	-3.76	31.81	3	Horizontal	88	2.00	-	18.43	27.43	4.38	-
PK	2.4644G	115.40	Inf	-Inf	31.83	3	Horizontal	88	2.00	-	83.57	27.47	4.36	-
PK	2.4835G	65.34	74.00	-8.66	31.81	3	Horizontal	88	2.00	-	33.53	27.43	4.38	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

19/08/2020

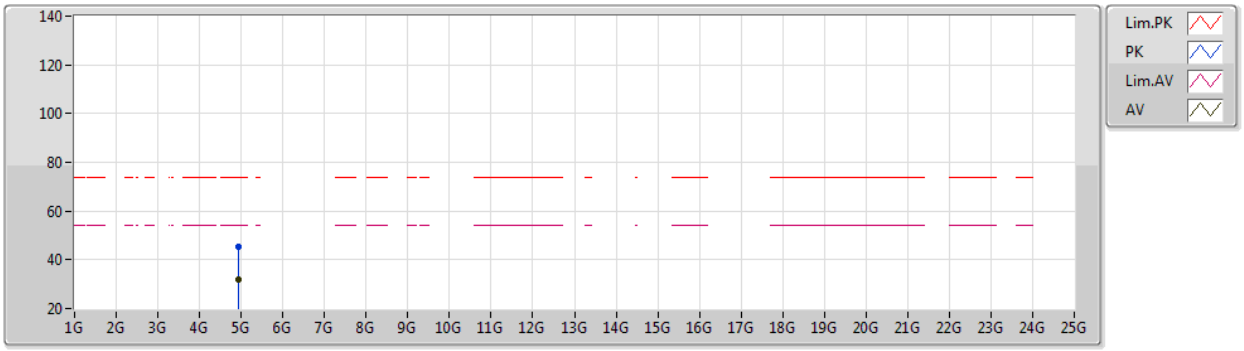


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.92948G	31.87	54.00	-22.13	8.44	3	Vertical	236	1.50	-	23.43	31.16	6.63	29.35
PK	4.92112G	45.49	74.00	-28.51	8.40	3	Vertical	236	1.50	-	37.09	31.14	6.62	29.36

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

19/08/2020

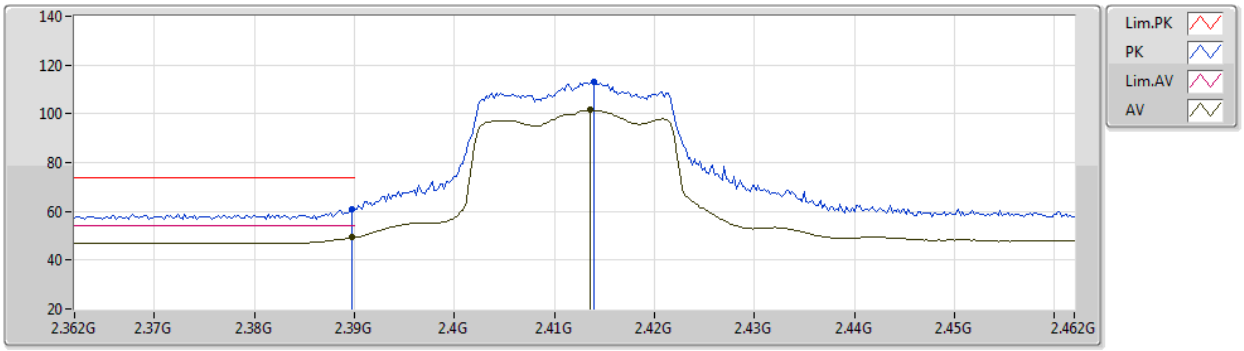


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93308G	31.68	54.00	-22.32	8.45	3	Horizontal	58	1.50	-	23.23	31.17	6.63	29.35
PK	4.93304G	45.58	74.00	-28.42	8.45	3	Horizontal	58	1.50	-	37.13	31.17	6.63	29.35

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

15/08/2020

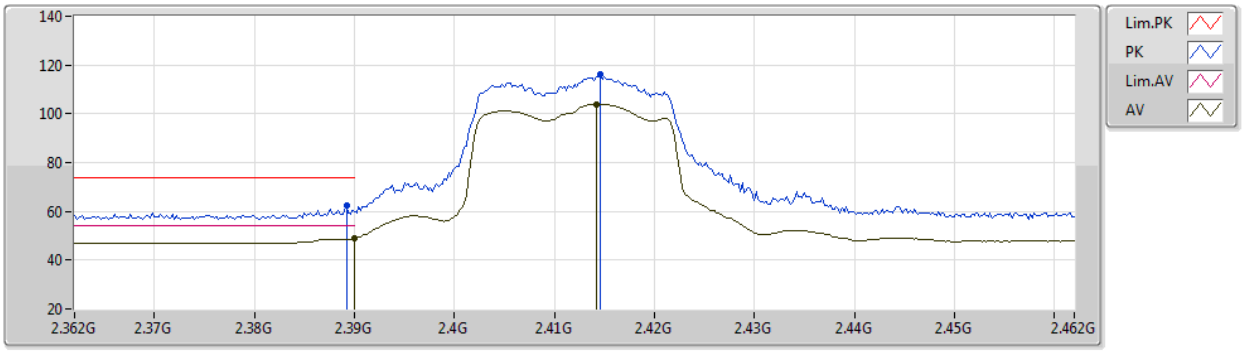


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	49.24	54.00	-4.76	31.91	3	Vertical	163	1.11	-	17.33	27.62	4.29	-
AV	2.4136G	101.53	Inf	-Inf	31.88	3	Vertical	163	1.11	-	69.65	27.57	4.31	-
PK	2.3898G	61.00	74.00	-13.00	31.91	3	Vertical	163	1.11	-	29.09	27.62	4.29	-
PK	2.414G	113.28	Inf	-Inf	31.88	3	Vertical	163	1.11	-	81.40	27.57	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

15/08/2020

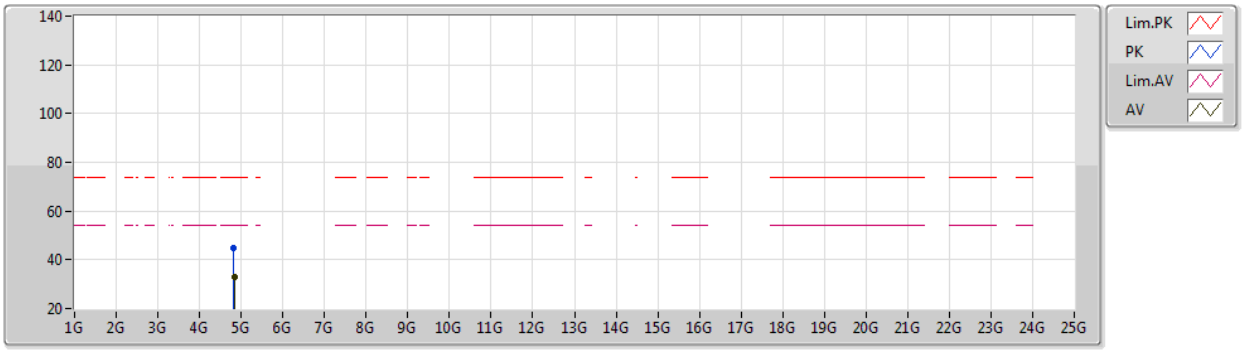


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	48.76	54.00	-5.24	31.91	3	Horizontal	75	1.56	-	16.85	27.62	4.29	-
AV	2.4142G	103.93	Inf	-Inf	31.88	3	Horizontal	75	1.56	-	72.05	27.57	4.31	-
PK	2.3892G	62.44	74.00	-11.56	31.91	3	Horizontal	75	1.56	-	30.53	27.62	4.29	-
PK	2.4146G	116.25	Inf	-Inf	31.88	3	Horizontal	75	1.56	-	84.37	27.57	4.31	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

15/08/2020

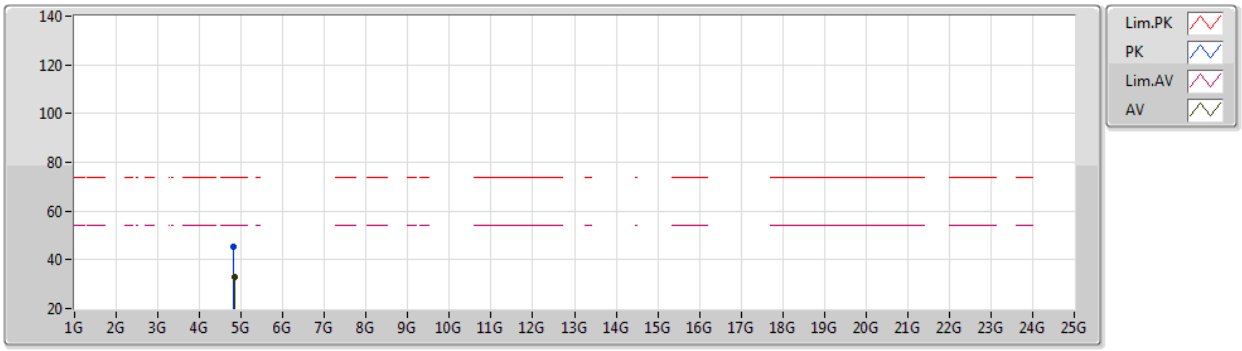


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8298G	33.04	54.00	-20.96	8.23	3	Vertical	143	2.35	-	24.81	31.10	6.53	29.40
PK	4.8166G	45.06	74.00	-28.94	8.22	3	Vertical	143	2.35	-	36.84	31.10	6.52	29.40

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

15/08/2020

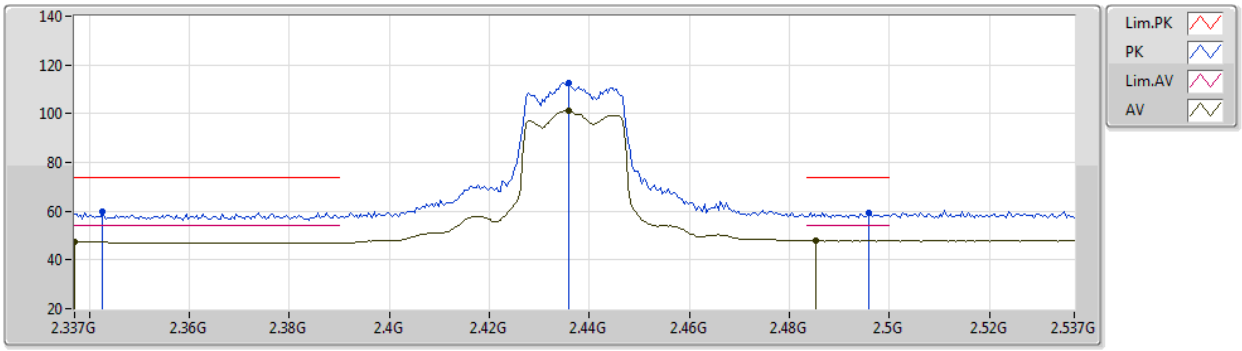


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83048G	33.03	54.00	-20.97	8.23	3	Horizontal	37	2.43	-	24.80	31.10	6.53	29.40
PK	4.81636G	45.32	74.00	-28.68	8.22	3	Horizontal	37	2.43	-	37.10	31.10	6.52	29.40

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

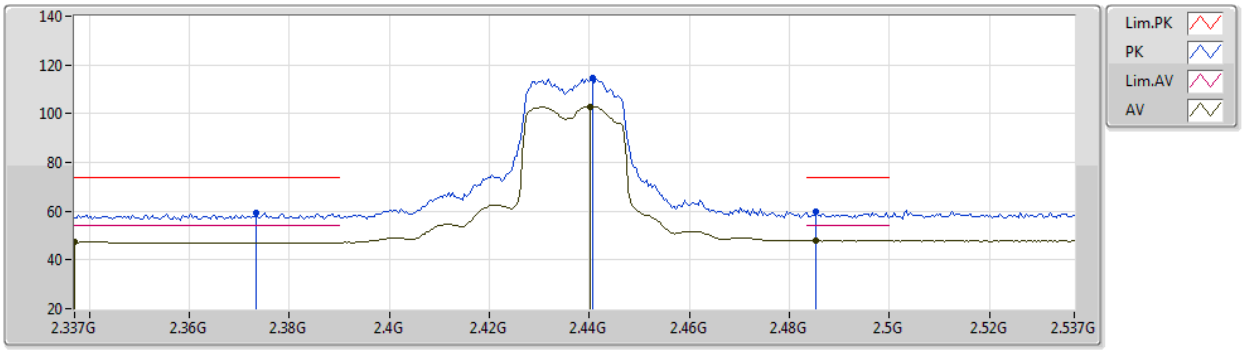


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.337G	47.23	54.00	-6.77	31.99	3	Vertical	172	1.54	-	15.24	27.75	4.24	-
AV	2.4358G	101.28	Inf	-Inf	31.87	3	Vertical	172	1.54	-	69.41	27.53	4.34	-
AV	2.4854G	47.72	54.00	-6.28	31.82	3	Vertical	172	1.54	-	15.90	27.43	4.39	-
PK	2.3426G	59.61	74.00	-14.39	31.97	3	Vertical	172	1.54	-	27.64	27.73	4.24	-
PK	2.4358G	112.77	Inf	-Inf	31.87	3	Vertical	172	1.54	-	80.90	27.53	4.34	-
PK	2.4958G	59.26	74.00	-14.74	31.81	3	Vertical	172	1.54	-	27.45	27.41	4.40	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

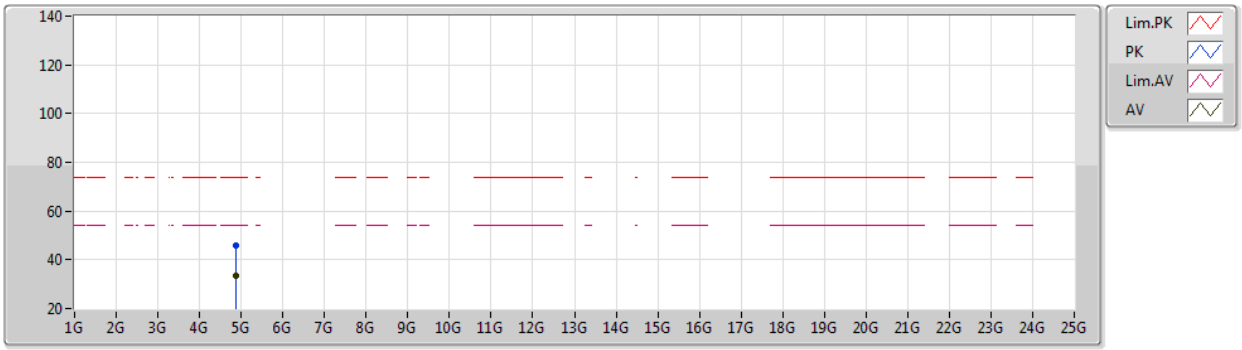


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.337G	47.23	54.00	-6.77	31.99	3	Horizontal	90	1.72	-	15.24	27.75	4.24	-
AV	2.4402G	102.93	Inf	-Inf	31.86	3	Horizontal	90	1.72	-	71.07	27.52	4.34	-
AV	2.4854G	47.72	54.00	-6.28	31.82	3	Horizontal	90	1.72	-	15.90	27.43	4.39	-
PK	2.3734G	59.25	74.00	-14.75	31.92	3	Horizontal	90	1.72	-	27.33	27.65	4.27	-
PK	2.4406G	114.66	Inf	-Inf	31.86	3	Horizontal	90	1.72	-	82.80	27.52	4.34	-
PK	2.4854G	59.57	74.00	-14.43	31.82	3	Horizontal	90	1.72	-	27.75	27.43	4.39	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

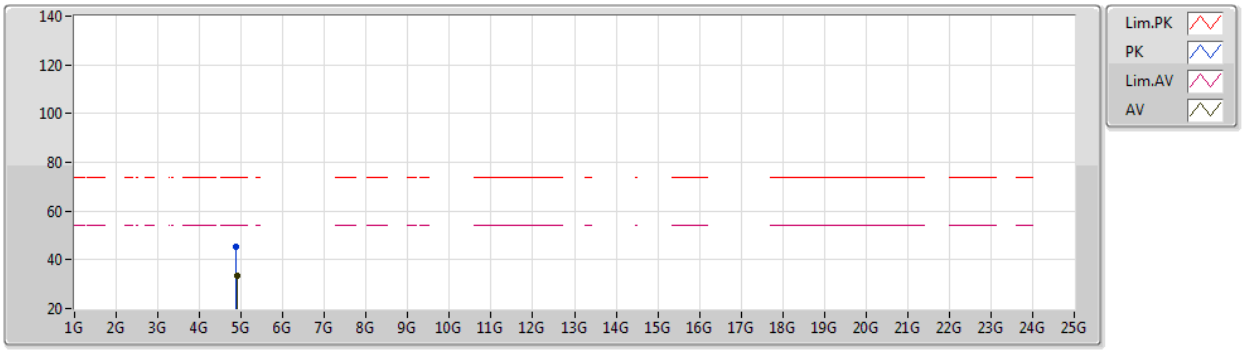


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.8888G	33.36	54.00	-20.64	8.32	3	Vertical	0	1.50	-	25.04	31.10	6.59	29.37
PK	4.86176G	45.78	74.00	-28.22	8.28	3	Vertical	0	1.50	-	37.50	31.10	6.56	29.38

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

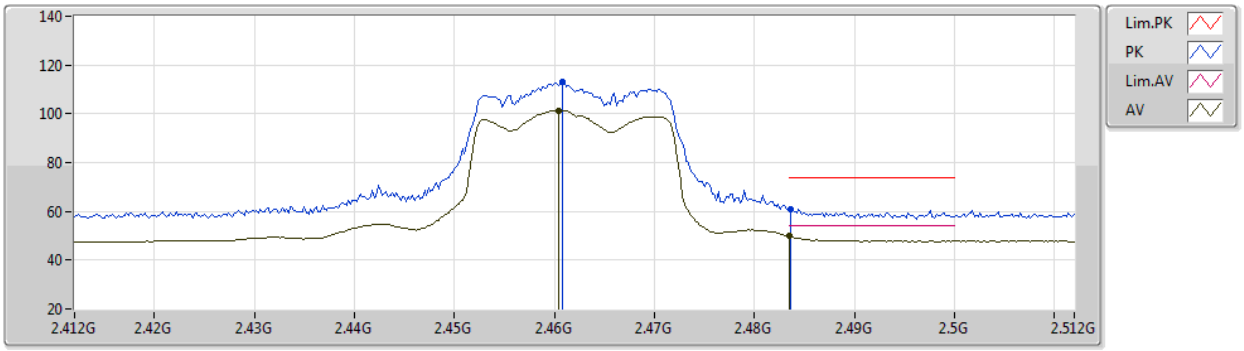


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.89328G	33.24	54.00	-20.76	8.32	3	Horizontal	15	1.42	-	24.92	31.10	6.59	29.37
PK	4.87288G	45.50	74.00	-28.50	8.29	3	Horizontal	15	1.42	-	37.21	31.10	6.57	29.38

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

15/08/2020

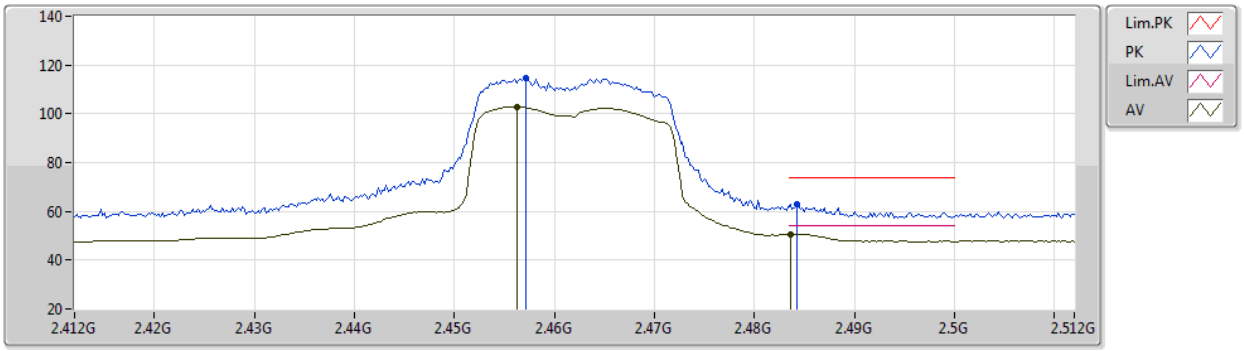


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4604G	101.31	Inf	-Inf	31.84	3	Vertical	171	1.67	-	69.47	27.48	4.36	-
AV	2.4835G	49.82	54.00	-4.18	31.81	3	Vertical	171	1.67	-	18.01	27.43	4.38	-
PK	2.4608G	113.18	Inf	-Inf	31.84	3	Vertical	171	1.67	-	81.34	27.48	4.36	-
PK	2.4836G	60.70	74.00	-13.30	31.81	3	Vertical	171	1.67	-	28.89	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

15/08/2020

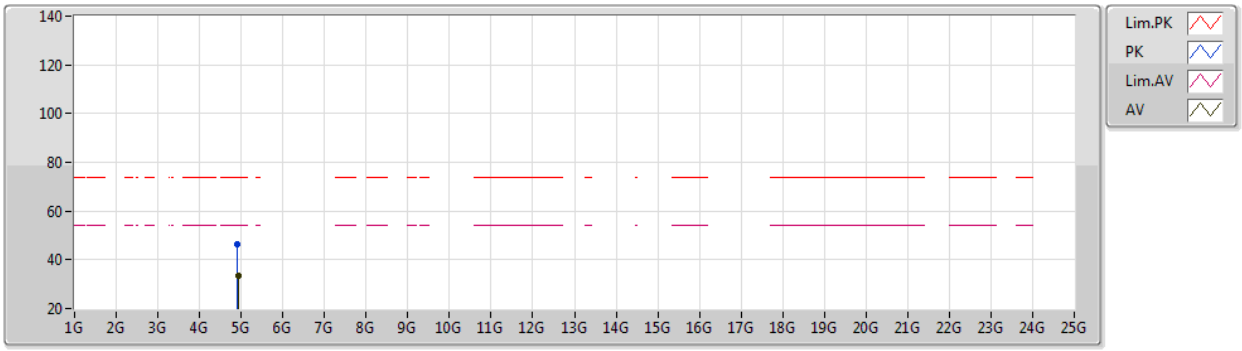


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.4562G	102.74	Inf	-Inf	31.85	3	Horizontal	83	1.82	-	70.89	27.49	4.36	-
AV	2.4836G	50.50	54.00	-3.50	31.81	3	Horizontal	83	1.82	-	18.69	27.43	4.38	-
PK	2.4572G	114.59	Inf	-Inf	31.85	3	Horizontal	83	1.82	-	82.74	27.49	4.36	-
PK	2.4842G	62.93	74.00	-11.07	31.81	3	Horizontal	83	1.82	-	31.12	27.43	4.38	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

15/08/2020

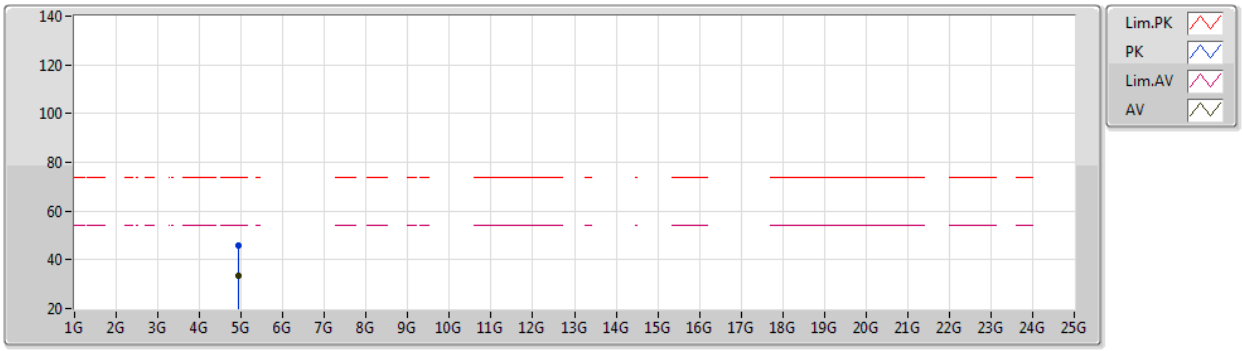


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93356G	33.55	54.00	-20.45	8.45	3	Vertical	167	1.69	-	25.10	31.17	6.63	29.35
PK	4.91784G	46.17	74.00	-27.83	8.40	3	Vertical	167	1.69	-	37.77	31.14	6.62	29.36

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

15/08/2020

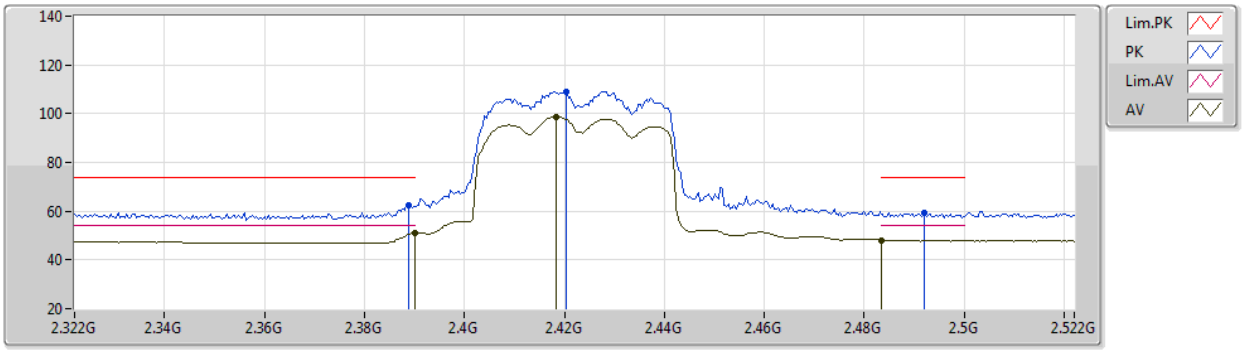


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.93388G	33.55	54.00	-20.45	8.45	3	Horizontal	124	1.89	-	25.10	31.17	6.63	29.35
PK	4.93232G	46.06	74.00	-27.94	8.44	3	Horizontal	124	1.89	-	37.62	31.16	6.63	29.35

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

15/08/2020

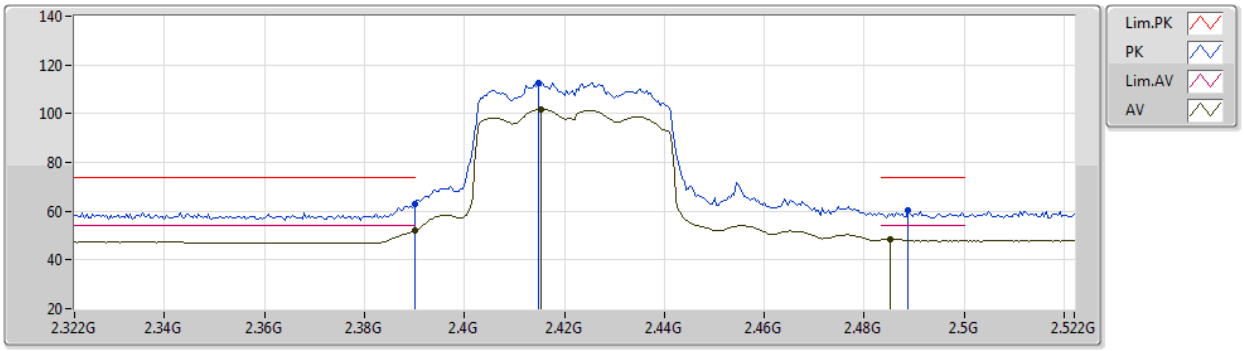


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.13	54.00	-2.87	31.91	3	Vertical	0	1.11	-	19.22	27.62	4.29	-
AV	2.4184G	98.54	Inf	-Inf	31.88	3	Vertical	0	1.11	-	66.66	27.56	4.32	-
AV	2.4835G	48.00	54.00	-6.00	31.81	3	Vertical	0	1.11	-	16.19	27.43	4.38	-
PK	2.3888G	62.28	74.00	-11.72	31.91	3	Vertical	0	1.11	-	30.37	27.62	4.29	-
PK	2.4204G	109.17	Inf	-Inf	31.88	3	Vertical	0	1.11	-	77.29	27.56	4.32	-
PK	2.492G	59.56	74.00	-14.44	31.81	3	Vertical	0	1.11	-	27.75	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

15/08/2020

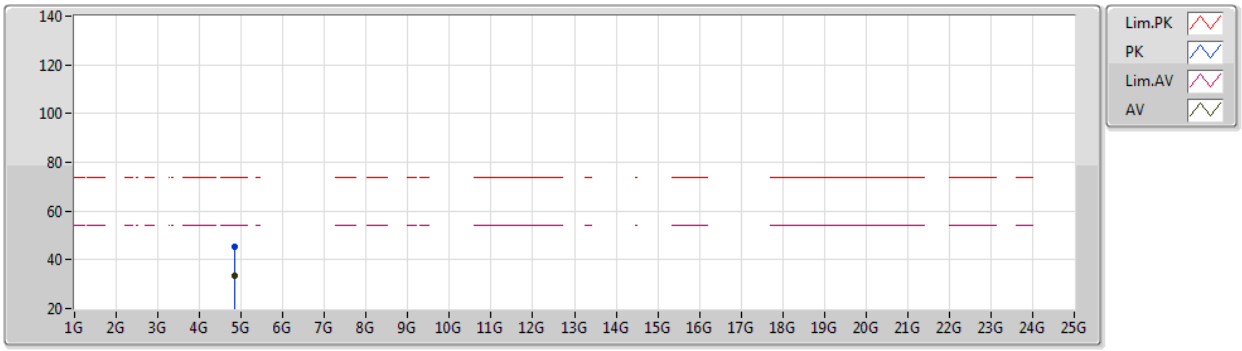


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	51.85	54.00	-2.15	31.91	3	Horizontal	90	1.84	-	19.94	27.62	4.29	-
AV	2.4152G	101.81	Inf	-Inf	31.89	3	Horizontal	90	1.84	-	69.92	27.57	4.32	-
AV	2.4852G	48.30	54.00	-5.70	31.82	3	Horizontal	90	1.84	-	16.48	27.43	4.39	-
PK	2.39G	62.94	74.00	-11.06	31.91	3	Horizontal	90	1.84	-	31.03	27.62	4.29	-
PK	2.4148G	112.81	Inf	-Inf	31.88	3	Horizontal	90	1.84	-	80.93	27.57	4.31	-
PK	2.4888G	60.36	74.00	-13.64	31.81	3	Horizontal	90	1.84	-	28.55	27.42	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

15/08/2020

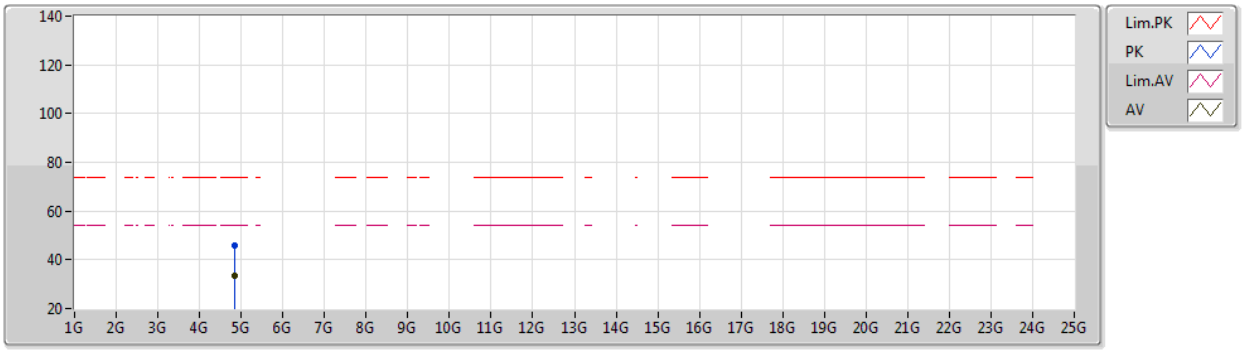


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.852G	33.21	54.00	-20.79	8.26	3	Vertical	332	2.05	-	24.95	31.10	6.55	29.39
PK	4.84404G	45.38	74.00	-28.62	8.25	3	Vertical	332	2.05	-	37.13	31.10	6.54	29.39

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

15/08/2020

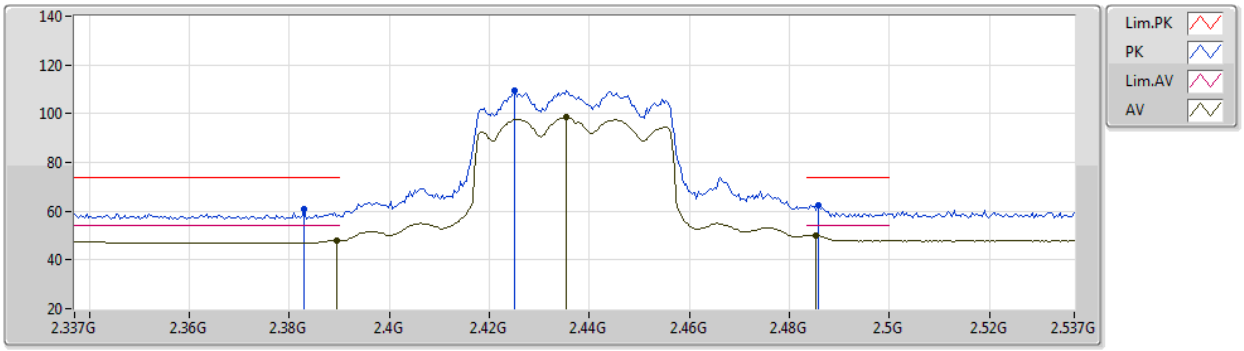


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.85028G	33.22	54.00	-20.78	8.26	3	Horizontal	354	1.87	-	24.96	31.10	6.55	29.39
PK	4.83648G	45.78	74.00	-28.22	8.24	3	Horizontal	354	1.87	-	37.54	31.10	6.54	29.40

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

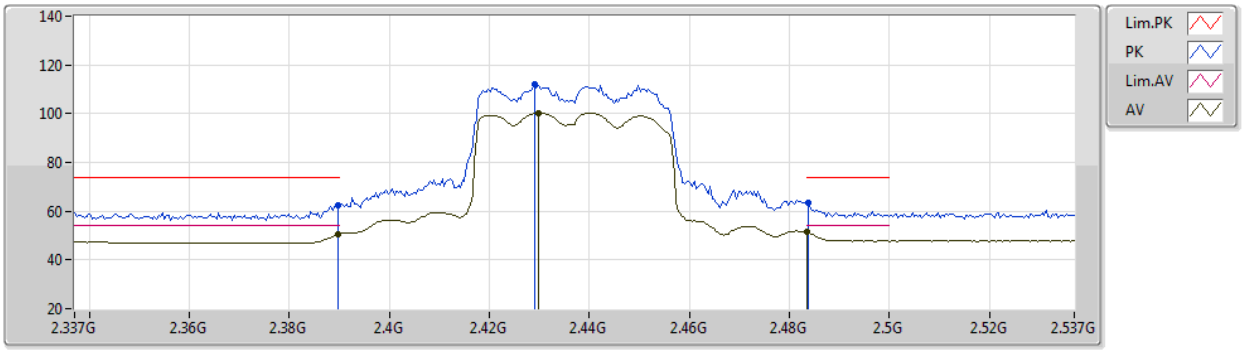


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3894G	47.70	54.00	-6.30	31.91	3	Vertical	173	1.53	-	15.79	27.62	4.29	-
AV	2.4354G	98.43	Inf	-Inf	31.87	3	Vertical	173	1.53	-	66.56	27.53	4.34	-
AV	2.4854G	50.06	54.00	-3.94	31.82	3	Vertical	173	1.53	-	18.24	27.43	4.39	-
PK	2.383G	60.81	74.00	-13.19	31.91	3	Vertical	173	1.53	-	28.90	27.63	4.28	-
PK	2.425G	109.65	Inf	-Inf	31.88	3	Vertical	173	1.53	-	77.77	27.55	4.33	-
PK	2.4858G	62.46	74.00	-11.54	31.82	3	Vertical	173	1.53	-	30.64	27.43	4.39	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

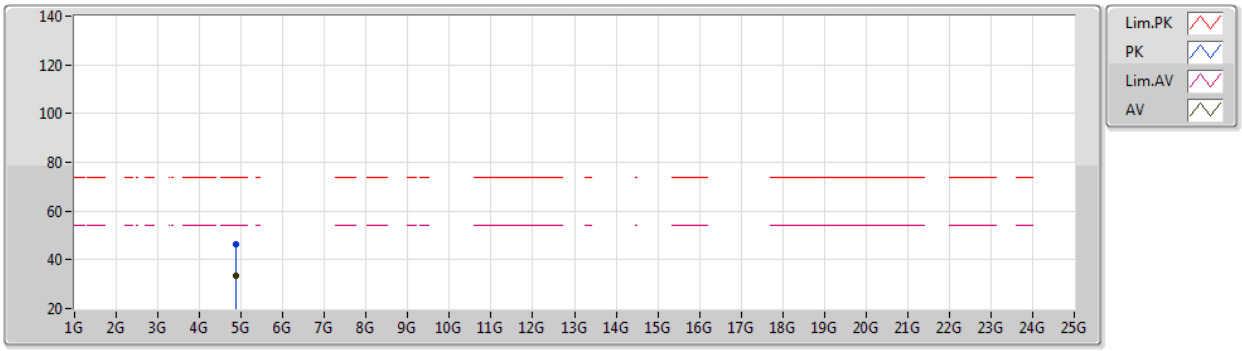


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3898G	50.74	54.00	-3.26	31.91	3	Horizontal	84	1.74	-	18.83	27.62	4.29	-
AV	2.4298G	100.29	Inf	-Inf	31.87	3	Horizontal	84	1.74	-	68.42	27.54	4.33	-
AV	2.4835G	51.32	54.00	-2.68	31.81	3	Horizontal	84	1.74	-	19.51	27.43	4.38	-
PK	2.3898G	62.45	74.00	-11.55	31.91	3	Horizontal	84	1.74	-	30.54	27.62	4.29	-
PK	2.429G	111.91	Inf	-Inf	31.87	3	Horizontal	84	1.74	-	80.04	27.54	4.33	-
PK	2.4838G	63.33	74.00	-10.67	31.81	3	Horizontal	84	1.74	-	31.52	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020

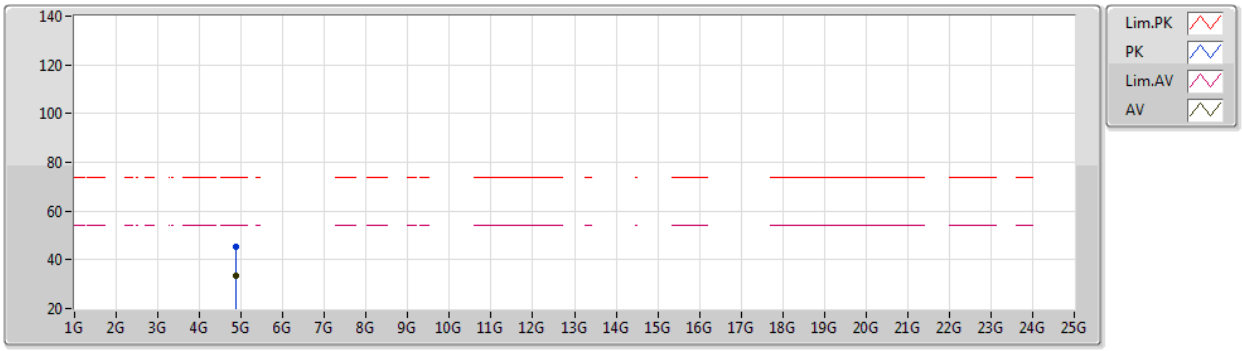


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87208G	33.27	54.00	-20.73	8.29	3	Vertical	20	2.44	-	24.98	31.10	6.57	29.38
PK	4.87784G	46.49	74.00	-27.51	8.30	3	Vertical	20	2.44	-	38.19	31.10	6.58	29.38

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

15/08/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.87288G	33.27	54.00	-20.73	8.29	3	Horizontal	31	1.35	-	24.98	31.10	6.57	29.38
PK	4.87476G	45.36	74.00	-28.64	8.29	3	Horizontal	31	1.35	-	37.07	31.10	6.57	29.38

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

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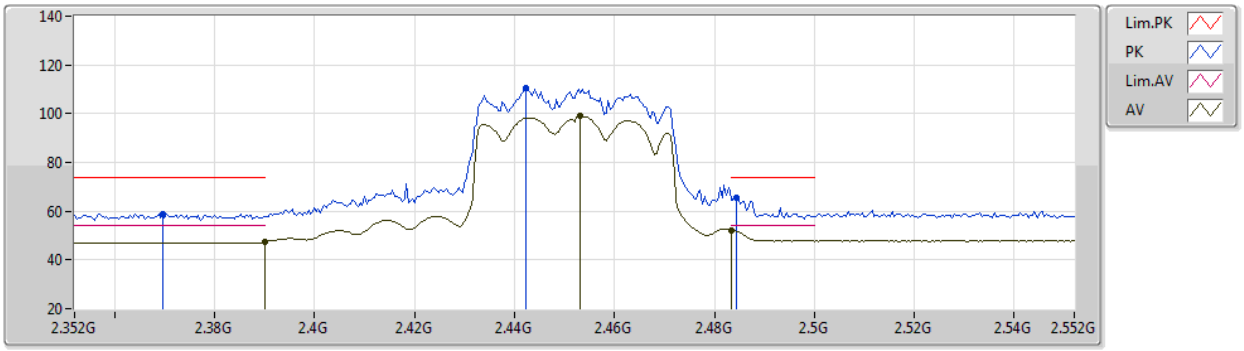
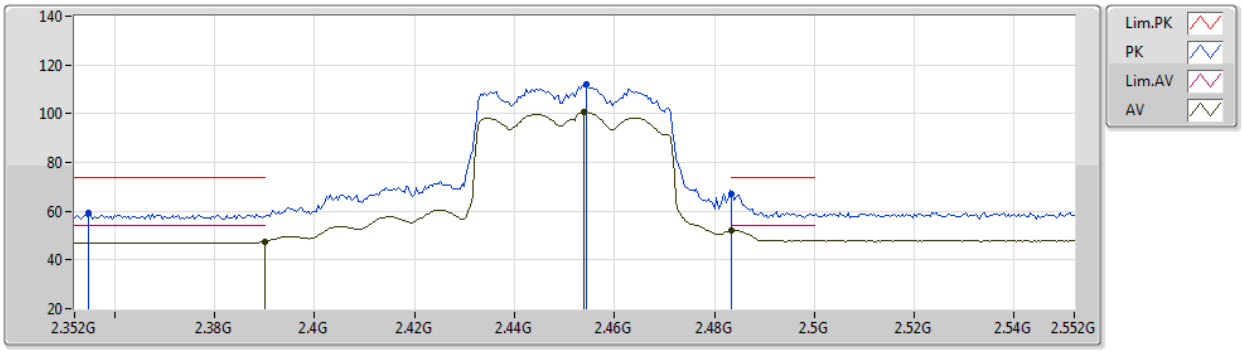


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.42	54.00	-6.58	31.91	3	Vertical	162	1.79	-	15.51	27.62	4.29	-
AV	2.4532G	99.04	Inf	-Inf	31.84	3	Vertical	162	1.79	-	67.20	27.49	4.35	-
AV	2.4835G	52.26	54.00	-1.74	31.81	3	Vertical	162	1.79	-	20.45	27.43	4.38	-
PK	2.3696G	59.03	74.00	-14.97	31.93	3	Vertical	162	1.79	-	27.10	27.66	4.27	-
PK	2.4424G	110.35	Inf	-Inf	31.86	3	Vertical	162	1.79	-	78.49	27.52	4.34	-
PK	2.4844G	65.39	74.00	-8.61	31.81	3	Vertical	162	1.79	-	33.58	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

15/08/2020

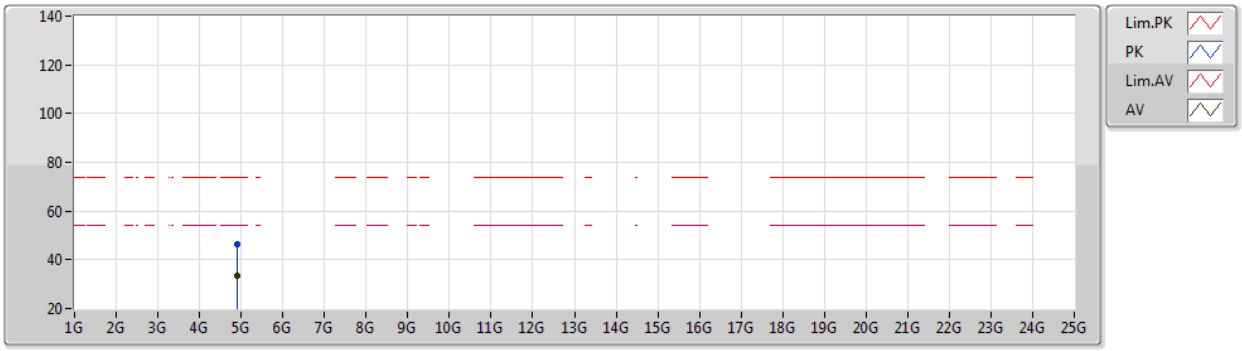


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	47.42	54.00	-6.58	31.91	3	Horizontal	70	1.69	-	15.51	27.62	4.29	-
AV	2.454G	100.52	Inf	-Inf	31.84	3	Horizontal	70	1.69	-	68.68	27.49	4.35	-
AV	2.4835G	51.90	54.00	-2.10	31.81	3	Horizontal	70	1.69	-	20.09	27.43	4.38	-
PK	2.3548G	59.12	74.00	-14.88	31.94	3	Horizontal	70	1.69	-	27.18	27.69	4.25	-
PK	2.4544G	112.00	Inf	-Inf	31.84	3	Horizontal	70	1.69	-	80.16	27.49	4.35	-
PK	2.4835G	66.82	74.00	-7.18	31.81	3	Horizontal	70	1.69	-	35.01	27.43	4.38	-

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

15/08/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.9156G	33.68	54.00	-20.32	8.39	3	Vertical	360	1.50	-	25.29	31.13	6.62	29.36
PK	4.91496G	46.45	74.00	-27.55	8.38	3	Vertical	360	1.50	-	38.07	31.13	6.61	29.36

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

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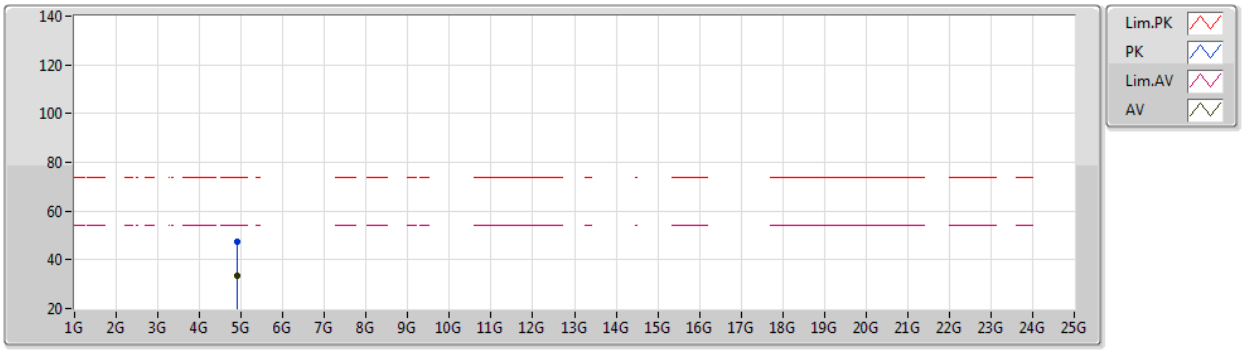

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.91016G	33.58	54.00	-20.42	8.37	3	Horizontal	214	1.50	-	25.21	31.12	6.61	29.36
PK	4.91704G	47.53	74.00	-26.47	8.39	3	Horizontal	214	1.50	-	39.14	31.13	6.62	29.36