FCC Radio Test Report

FCC ID	:	**TOR-C360**
Equipment	:	**802.11 a/n/ac/ax + b/g/n/ax Access Point**
Brand Name	:	**Arista**
Model Name	:	**C-360**
Applicant	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054 USA**
Manufacturer	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054 USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Mar. 29, 2021, and testing was started from Sep. 13, 2021 and completed on Dec. 14, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR131113AC	01	Initial issue of report	Jan. 04, 2022
FR131113AC	02	Revised typo This report is the latest version replacing for the report issued on Jan. 04, 2022	Jan. 07, 2022

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Non-Beamforming_Radio1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX

Non-Beamforming_Radio4

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

Beamforming_Radio1

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Senao	5718A0624300	PIFA	I-Pex	2.4G	1
2	Senao	5718A0625300	PIFA	I-Pex	2.4G	
3	Senao	5718A0626300	PIFA	I-Pex	2.4G	
4	Senao	5718A0627300	PIFA	I-Pex	2.4G	
5	Senao	5718A0649300	PIFA	I-Pex	5G	2
6	Senao	5718A0650300	PIFA	I-Pex	5G	
7	Senao	5718A0651300	PIFA	I-Pex	5G	
8	Senao	5718A0652300	PIFA	I-Pex	5G	
9	Senao	5718A0649300	PIFA	I-Pex	5G	3
10	Senao	5718A0650300	PIFA	I-Pex	5G	
11	Senao	5718A0651300	PIFA	I-Pex	5G	
12	Senao	5718A0652300	PIFA	I-Pex	5G	
13	Senao	5718A0631300	PIFA	I-Pex	2.4G+5G	4
14	Senao	5718A0632300	PIFA	I-Pex	2.4G+5G	
15	Senao	5718A0633300	Dipole	I-Pex	BT	-

Ant.	Port	Max Peak Gain (dBi)		
		2.4G	5G	BT
1	1	4.18	-	-
2	2	4.12	-	-
3	3	4.24	-	-
4	4	4.15	-	-
5	1	-	6.12	-
6	2	-	6.29	-
7	3	-	5.99	-
8	4	-	6.18	-
9	1	-	6.26	-
10	2	-	5.98	-
11	3	-	6.08	-
12	4	-	5.82	-
13	1	4.22	6.23	-
14	2	4.29	5.67	-
15	1	-	-	5.63

Ant.	Port	Composite Gain (dBi)				
		2.4G	5G			
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	5.42	-	-	-	-
2	2					
3	3					
4	4					
5	1	-	6.65	5.37	5.57	5.16
6	2					
7	3					
8	4					
9	1	-	-	-	8.08	7.56
10	2					
11	3					
12	4					

Note 1: The EUT has fifteen antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) **(Radio4)**

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (4TX/4RX) **(Radio1)**

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

For BT function:

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

Only Ant. 15 (port 1) can be used as transmitting/receiving.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) **(Radio4)**

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX) **(Radio2)**

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

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX) **(Radio3)**

Ant. 9 (port 1), Ant. 10 (port 2), Ant. 11 (port 3) and Ant. 12 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter / PoE			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☒	With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_4TX	0.654	1.84	688.75u	3k
802.11g_Nss1,(6Mbps)_4TX	0.939	0.27	1.978m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.941	0.26	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.94	0.27	5.446m	300

Non-Beamforming_Radio4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.62	2.08	688.75u	3k
802.11g_Nss1,(6Mbps)_2TX	0.946	0.24	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.921	0.36	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.939	0.27	5.446m	300

Beamforming_Radio1

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.941	0.26	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.94	0.27	5.446m	300

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 662911 D03 v01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	23.2~23.7°C / 62~63%	14/Oct/2021~15/Oct/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	30/Sep/2021~14/Dec/2021
Radiated	03CH02-HY	Jack Tang	22.5~24.1°C / 52~64%	13/Sep/2021~14/Oct/2021
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00076.1

Non-Beamforming_Radio1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	20.5
2417MHz	21
2437MHz	22.5
2457MHz	20
2462MHz	19
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	16.5
2417MHz	17
2437MHz	22.5
2457MHz	17.5
2462MHz	15.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	17
2417MHz	17.5
2437MHz	20.5
2457MHz	18
2462MHz	15
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	17
2427MHz	16.5
2437MHz	18
2447MHz	15.5
2452MHz	14.5

Non-Beamforming_Radio4

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	21
2457MHz	19.5
2462MHz	19
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5
2417MHz	18
2437MHz	21.5
2457MHz	17.5
2462MHz	15
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16.5
2417MHz	18
2437MHz	20
2457MHz	17.5
2462MHz	14.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17.5
2437MHz	16.5
2447MHz	16
2452MHz	15.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode
2	PoE 1 mode
3	PoE 2 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		
2	PoE 1 mode		
3	PoE 2 mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 2.4G(Radio4)+Bluetooth
2	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 5G(Radio4)+Bluetooth
Refer to Sporton Test Report No.: FA131113 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Bracket ceiling mount	**Brand Name**	CEN JEY	**Model Name**	6301A4653010

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1	EnGenius	EPA5006GAT	-	Note 1
4	PoE2	EnGenius	EPA5006GP	-	Note 1

Note 1: Provided by Customer

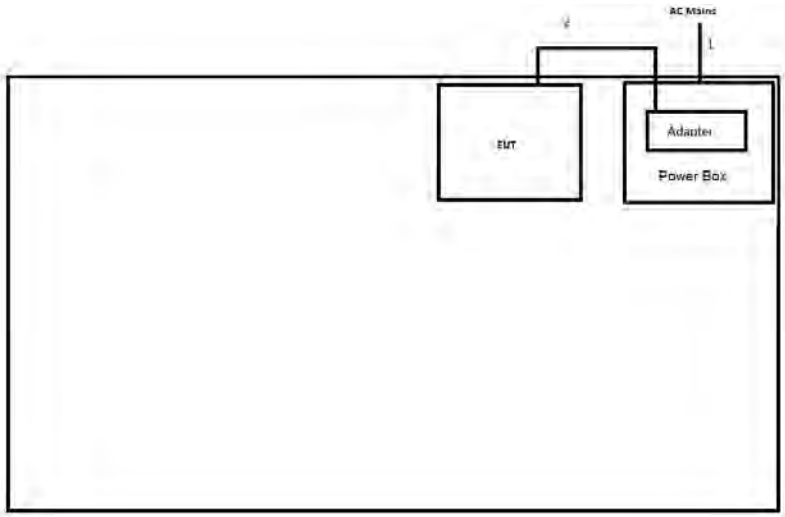
Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1 (Remote)	EnGenius	EPA5006GAT	-	Note 1
4	PoE2 (Remote)	EnGenius	EPA5006GP	-	Note 1

Note 1: Provided by Customer

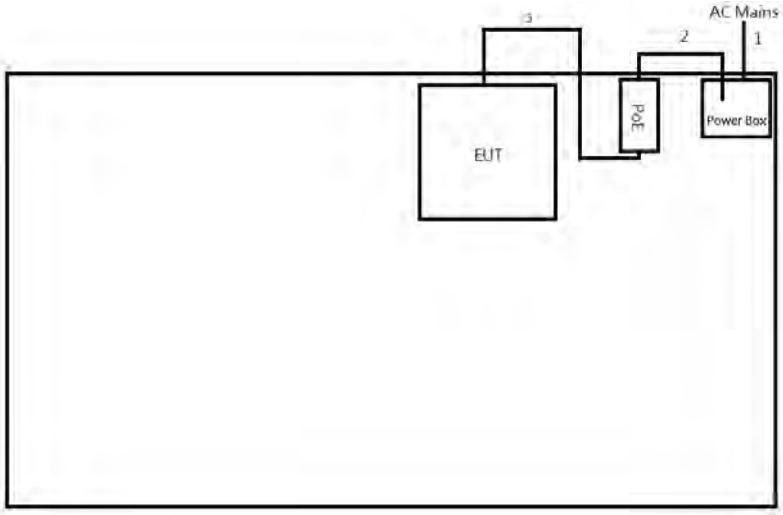
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test - Adapter mode



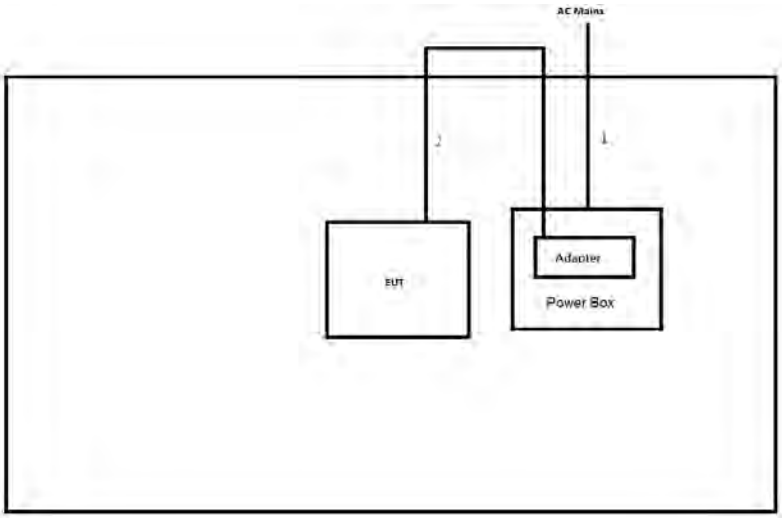
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.6	-

Test Setup Diagram – AC Line Conducted Emission Test - PoE mode



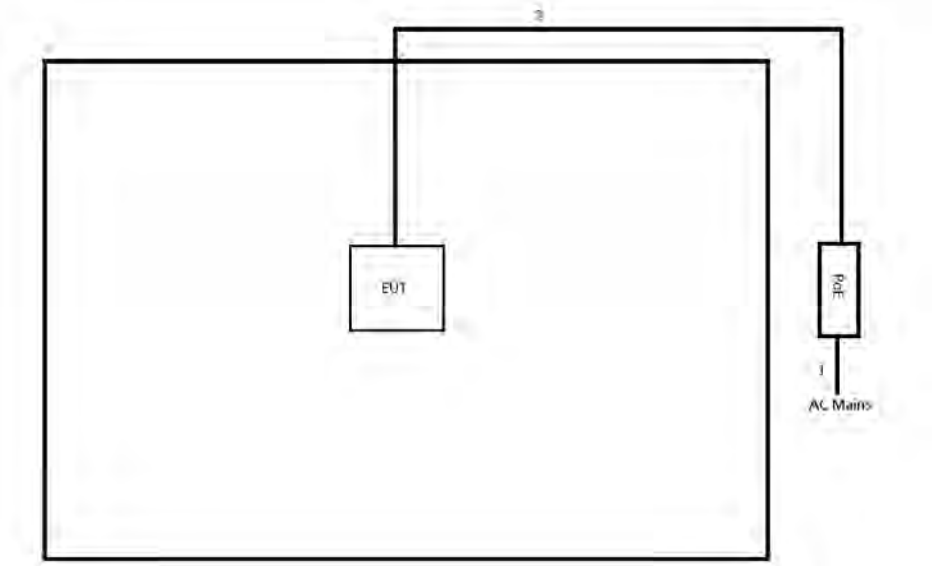
Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	RJ45 cable	No	10.0	-

Test Setup Diagram - Radiated Test - Adapter mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.6	-

Test Setup Diagram - Radiated Test - PoE mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	0.5	-
2	RJ45 cable	No	10.0	-

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

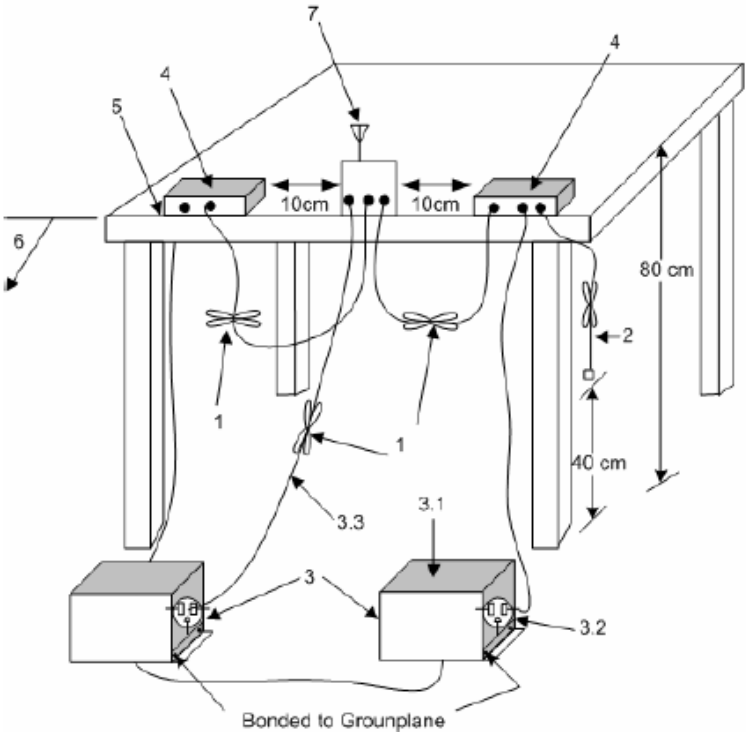
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 50 Ω 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.

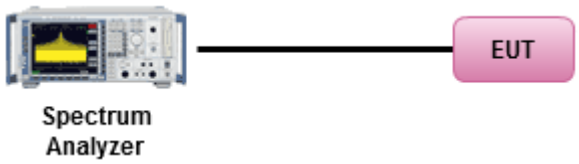
3.2.2 Measuring Instruments

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

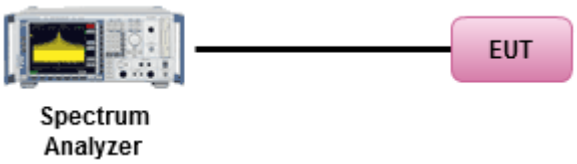
3.4.2 Measuring Instruments

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.	

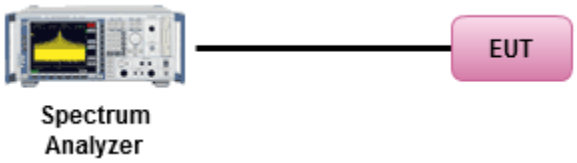
3.5.2 Measuring Instruments

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.

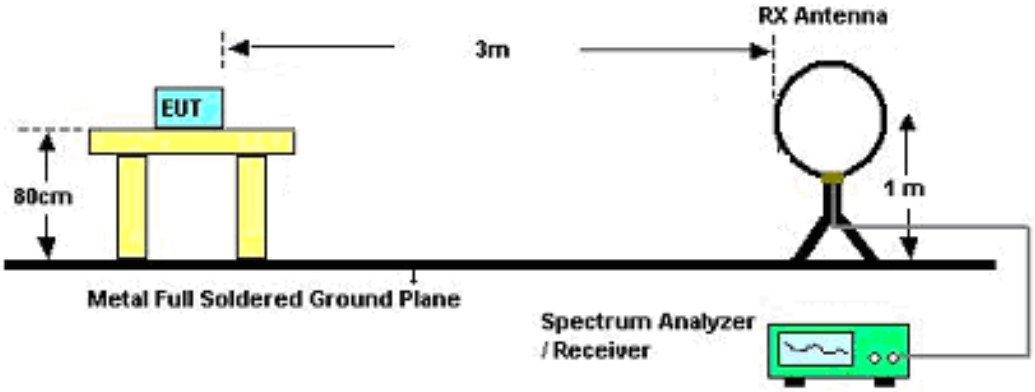
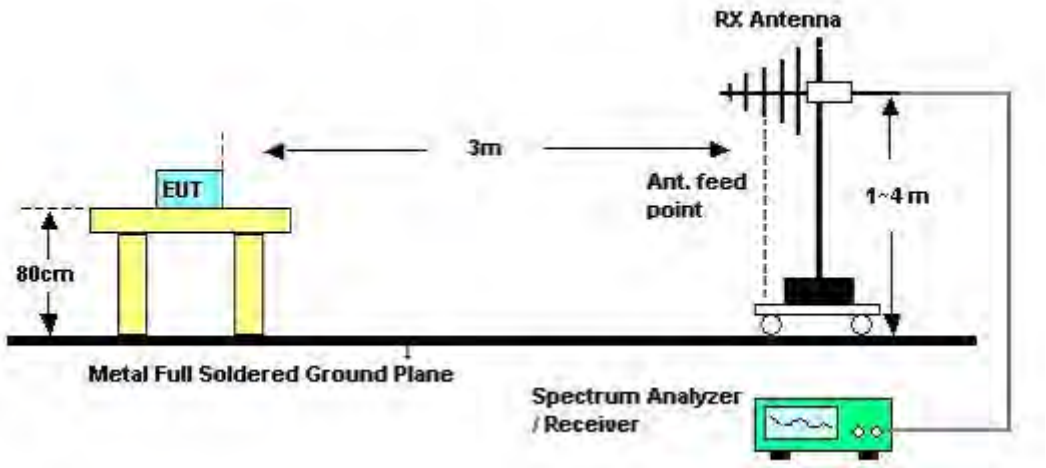
3.6.3 Test Procedures

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.

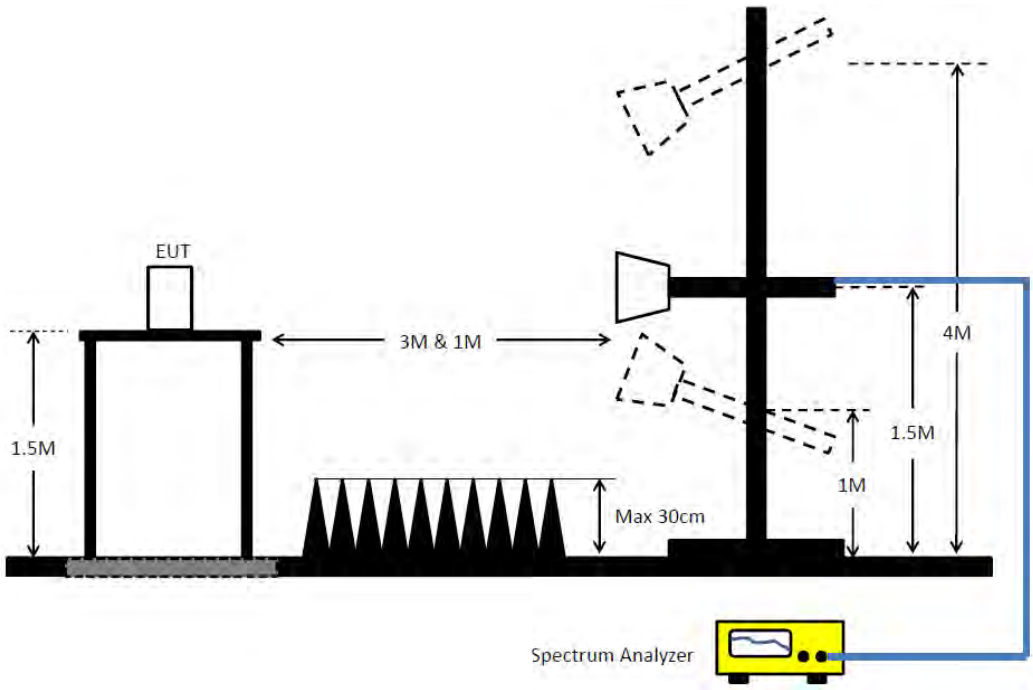
3.6.4 Measurement Results Calculation

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 /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
Signal Generator	R&S	SMB100A	181239	1MHz~40GHz	30/Dec/2020	29/Dec/2021

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+ SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022

Summary

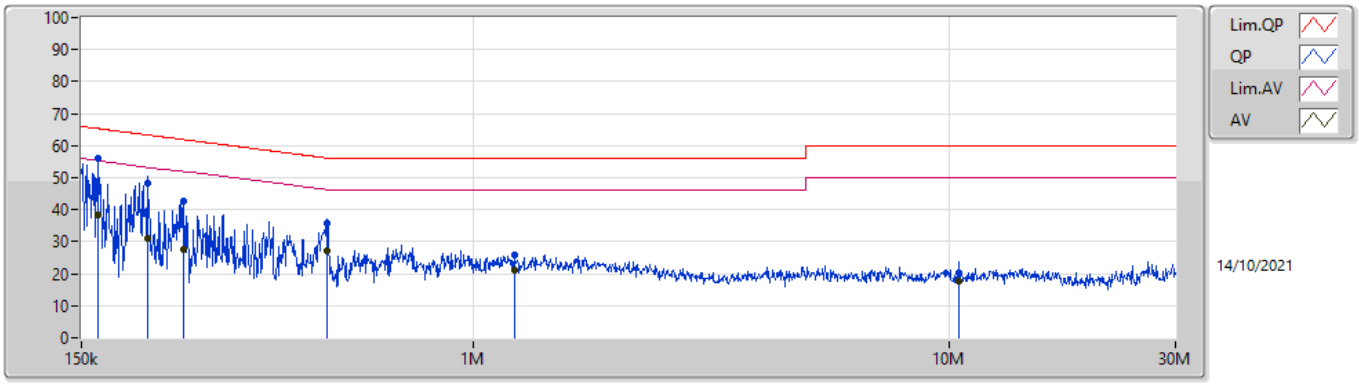
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	57.16	65.96	-8.80	Neutral
Mode 2	Pass	AV	27.343M	38.24	50.00	-11.76	Neutral
Mode 3	Pass	AV	2.32M	34.69	46.00	-11.31	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	162.467k	55.93	65.33	-9.40	Line	-
Mode 1	Pass	AV	162.467k	38.49	55.33	-16.84	Line	-
Mode 1	Pass	QP	206.437k	48.37	63.34	-14.97	Line	-
Mode 1	Pass	AV	206.437k	30.90	53.34	-22.44	Line	-
Mode 1	Pass	QP	246.077k	42.80	61.89	-19.09	Line	-
Mode 1	Pass	AV	246.077k	27.80	51.89	-24.09	Line	-
Mode 1	Pass	QP	492.876k	35.59	56.11	-20.52	Line	-
Mode 1	Pass	AV	492.876k	26.98	46.11	-19.13	Line	-
Mode 1	Pass	QP	1.22M	26.06	56.00	-29.94	Line	-
Mode 1	Pass	AV	1.22M	21.05	46.00	-24.95	Line	-
Mode 1	Pass	QP	10.49M	20.06	60.00	-39.94	Line	-
Mode 1	Pass	AV	10.49M	17.51	50.00	-32.49	Line	-
Mode 1	Pass	QP	150.6k	57.16	65.96	-8.80	Neutral	-
Mode 1	Pass	AV	150.6k	38.21	55.96	-17.75	Neutral	-
Mode 1	Pass	QP	167.071k	53.91	65.10	-11.19	Neutral	-
Mode 1	Pass	AV	167.071k	34.88	55.10	-20.22	Neutral	-
Mode 1	Pass	QP	203.167k	49.14	63.48	-14.34	Neutral	-
Mode 1	Pass	AV	203.167k	33.39	53.48	-20.09	Neutral	-
Mode 1	Pass	QP	455.055k	33.29	56.78	-23.49	Neutral	-
Mode 1	Pass	AV	455.055k	24.68	46.78	-22.10	Neutral	-
Mode 1	Pass	QP	1.04M	29.89	56.00	-26.11	Neutral	-
Mode 1	Pass	AV	1.04M	24.19	46.00	-21.81	Neutral	-
Mode 1	Pass	QP	11.498M	23.99	60.00	-36.01	Neutral	-
Mode 1	Pass	AV	11.498M	19.99	50.00	-30.01	Neutral	-
Mode 2	Pass	QP	156.734k	49.87	65.64	-15.77	Line	-
Mode 2	Pass	AV	156.734k	35.17	55.64	-20.47	Line	-
Mode 2	Pass	QP	230.851k	37.67	62.42	-24.75	Line	-
Mode 2	Pass	AV	230.851k	26.62	52.42	-25.80	Line	-
Mode 2	Pass	QP	447.846k	36.47	56.92	-20.45	Line	-
Mode 2	Pass	AV	447.846k	30.31	46.92	-16.61	Line	-
Mode 2	Pass	QP	2.256M	41.96	56.00	-14.04	Line	-
Mode 2	Pass	AV	2.256M	33.16	46.00	-12.84	Line	-
Mode 2	Pass	QP	20.677M	37.59	60.00	-22.41	Line	-
Mode 2	Pass	AV	20.677M	30.87	50.00	-19.13	Line	-
Mode 2	Pass	QP	28.571M	40.27	60.00	-19.73	Line	-
Mode 2	Pass	AV	28.571M	34.11	50.00	-15.89	Line	-
Mode 2	Pass	QP	155.487k	47.26	65.69	-18.43	Neutral	-
Mode 2	Pass	AV	155.487k	33.69	55.69	-22.00	Neutral	-
Mode 2	Pass	QP	245.097k	38.44	61.93	-23.49	Neutral	-
Mode 2	Pass	AV	245.097k	36.15	51.93	-15.78	Neutral	-
Mode 2	Pass	QP	447.846k	35.23	56.92	-21.69	Neutral	-
Mode 2	Pass	AV	447.846k	27.74	46.92	-19.18	Neutral	-
Mode 2	Pass	QP	2.414M	39.69	56.00	-16.31	Neutral	-
Mode 2	Pass	AV	2.414M	30.81	46.00	-15.19	Neutral	-
Mode 2	Pass	QP	21.263M	36.19	60.00	-23.81	Neutral	-
Mode 2	Pass	AV	21.263M	28.76	50.00	-21.24	Neutral	-
Mode 2	Pass	QP	27.343M	41.52	60.00	-18.48	Neutral	-
Mode 2	Pass	AV	27.343M	38.24	50.00	-11.76	Neutral	-
Mode 3	Pass	QP	151.202k	50.10	65.92	-15.82	Line	-
Mode 3	Pass	AV	151.202k	37.61	55.92	-18.31	Line	-

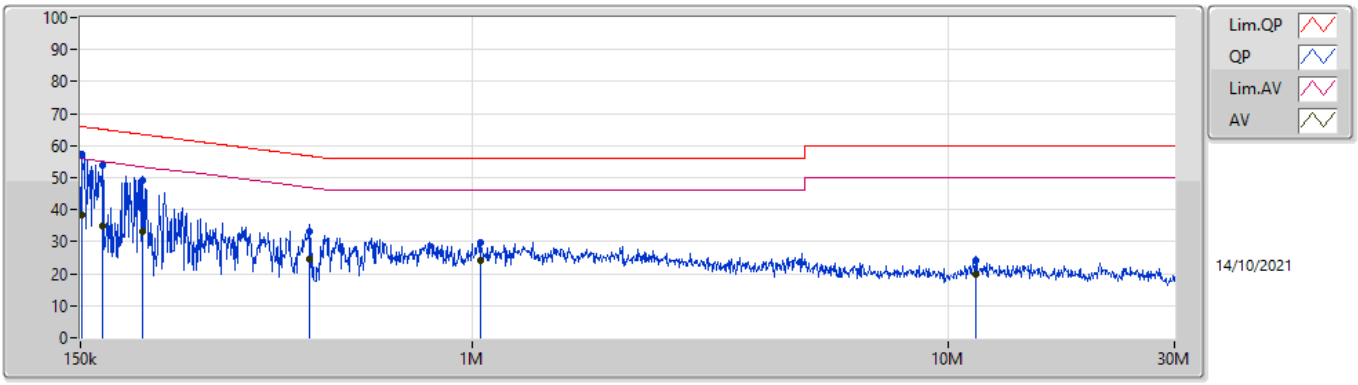
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	158.622k	48.91	65.54	-16.63	Line	-
Mode 3	Pass	AV	158.622k	35.93	55.54	-19.61	Line	-
Mode 3	Pass	QP	180.236k	43.35	64.47	-21.12	Line	-
Mode 3	Pass	AV	180.236k	29.91	54.47	-24.56	Line	-
Mode 3	Pass	QP	440.751k	40.53	57.05	-16.52	Line	-
Mode 3	Pass	AV	440.751k	34.53	47.05	-12.52	Line	-
Mode 3	Pass	QP	2.376M	43.37	56.00	-12.63	Line	-
Mode 3	Pass	AV	2.376M	34.50	46.00	-11.50	Line	-
Mode 3	Pass	QP	20.926M	40.85	60.00	-19.15	Line	-
Mode 3	Pass	AV	20.926M	33.71	50.00	-16.29	Line	-
Mode 3	Pass	QP	154.251k	44.89	65.77	-20.88	Neutral	-
Mode 3	Pass	AV	154.251k	34.69	55.77	-21.08	Neutral	-
Mode 3	Pass	QP	173.876k	40.79	64.78	-23.99	Neutral	-
Mode 3	Pass	AV	173.876k	29.93	54.78	-24.85	Neutral	-
Mode 3	Pass	QP	186.83k	37.74	64.18	-26.44	Neutral	-
Mode 3	Pass	AV	186.83k	27.70	54.18	-26.48	Neutral	-
Mode 3	Pass	QP	447.846k	39.64	56.92	-17.28	Neutral	-
Mode 3	Pass	AV	447.846k	31.55	46.92	-15.37	Neutral	-
Mode 3	Pass	QP	2.32M	43.07	56.00	-12.93	Neutral	-
Mode 3	Pass	AV	2.32M	34.69	46.00	-11.31	Neutral	-
Mode 3	Pass	QP	21.178M	38.86	60.00	-21.14	Neutral	-
Mode 3	Pass	AV	21.178M	31.80	50.00	-18.20	Neutral	-

Conducted Emissions at Powerline_Mode 1



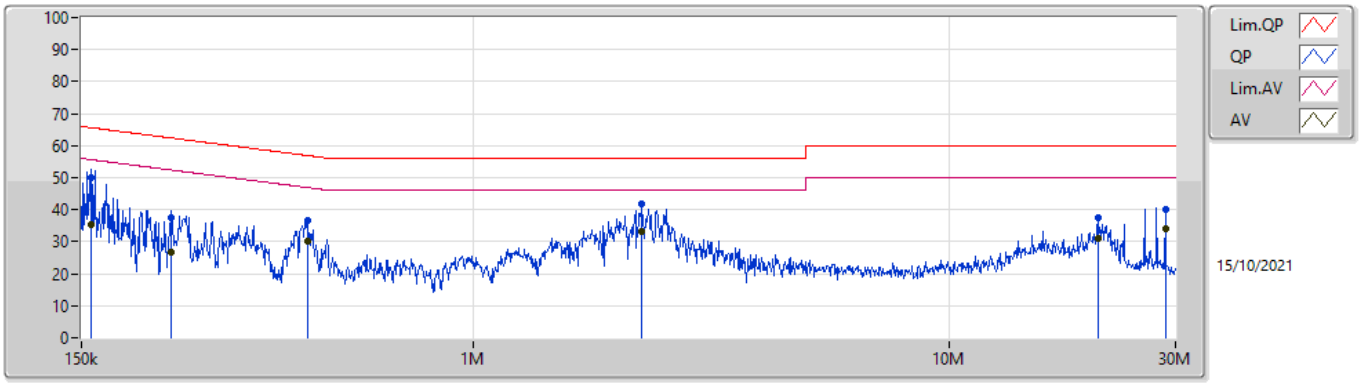
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	162.467k	55.93	65.33	-9.40	19.62	Line	-	36.31	9.69	0.04	9.89
AV	162.467k	38.49	55.33	-16.84	19.62	Line	-	18.87	9.69	0.04	9.89
QP	206.437k	48.37	63.34	-14.97	19.61	Line	-	28.76	9.68	0.04	9.89
AV	206.437k	30.90	53.34	-22.44	19.61	Line	-	11.29	9.68	0.04	9.89
QP	246.077k	42.80	61.89	-19.09	19.62	Line	-	23.18	9.68	0.05	9.89
AV	246.077k	27.80	51.89	-24.09	19.62	Line	-	8.18	9.68	0.05	9.89
QP	492.876k	35.59	56.11	-20.52	19.62	Line	-	15.97	9.67	0.06	9.89
AV	492.876k	26.98	46.11	-19.13	19.62	Line	-	7.36	9.67	0.06	9.89
QP	1.22M	26.06	56.00	-29.94	19.65	Line	-	6.41	9.67	0.09	9.89
AV	1.22M	21.05	46.00	-24.95	19.65	Line	-	1.40	9.67	0.09	9.89
QP	10.49M	20.06	60.00	-39.94	19.82	Line	-	0.24	9.72	0.21	9.89
AV	10.49M	17.51	50.00	-32.49	19.82	Line	-	-2.31	9.72	0.21	9.89

Conducted Emissions at Powerline_Mode 1



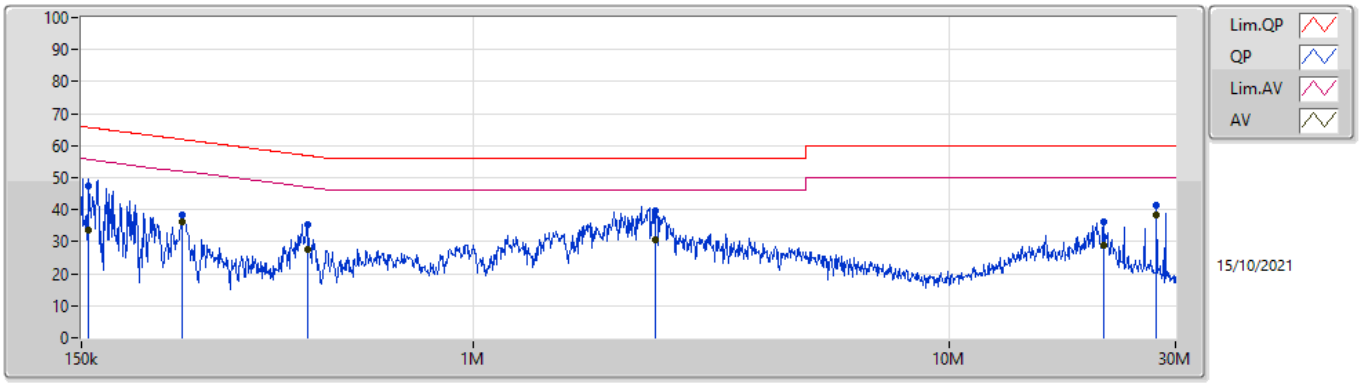
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150.6k	57.16	65.96	-8.80	19.62	Neutral	-	37.54	9.69	0.04	9.89
AV	150.6k	38.21	55.96	-17.75	19.62	Neutral	-	18.59	9.69	0.04	9.89
QP	167.071k	53.91	65.10	-11.19	19.62	Neutral	-	34.29	9.69	0.04	9.89
AV	167.071k	34.88	55.10	-20.22	19.62	Neutral	-	15.26	9.69	0.04	9.89
QP	203.167k	49.14	63.48	-14.34	19.61	Neutral	-	29.53	9.68	0.04	9.89
AV	203.167k	33.39	53.48	-20.09	19.61	Neutral	-	13.78	9.68	0.04	9.89
QP	455.055k	33.29	56.78	-23.49	19.62	Neutral	-	13.67	9.67	0.06	9.89
AV	455.055k	24.68	46.78	-22.10	19.62	Neutral	-	5.06	9.67	0.06	9.89
QP	1.04M	29.89	56.00	-26.11	19.64	Neutral	-	10.25	9.67	0.08	9.89
AV	1.04M	24.19	46.00	-21.81	19.64	Neutral	-	4.55	9.67	0.08	9.89
QP	11.498M	23.99	60.00	-36.01	19.84	Neutral	-	4.15	9.73	0.22	9.89
AV	11.498M	19.99	50.00	-30.01	19.84	Neutral	-	0.15	9.73	0.22	9.89

Conducted Emissions at Powerline_Mode 2



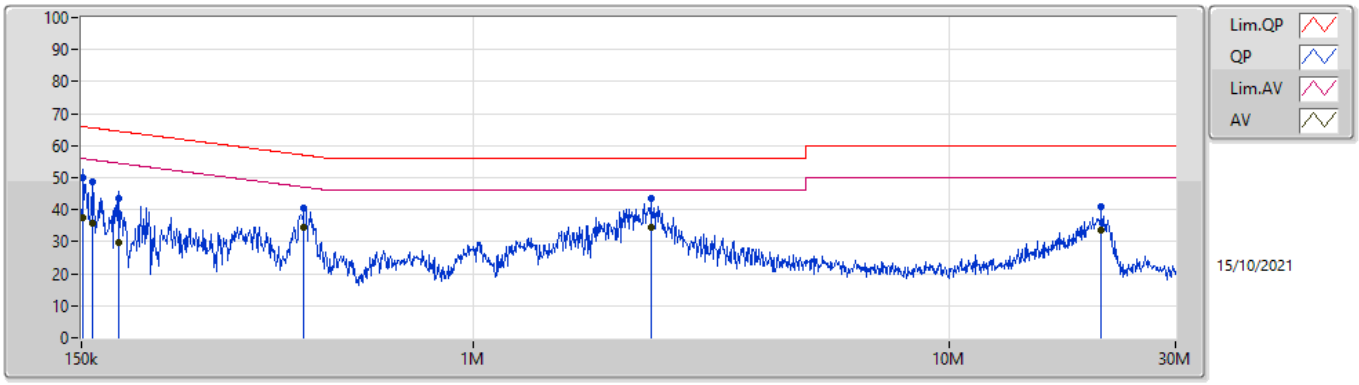
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.734k	49.87	65.64	-15.77	19.62	Line	-	30.25	9.69	0.04	9.89
AV	156.734k	35.17	55.64	-20.47	19.62	Line	-	15.55	9.69	0.04	9.89
QP	230.851k	37.67	62.42	-24.75	19.61	Line	-	18.06	9.68	0.04	9.89
AV	230.851k	26.62	52.42	-25.80	19.61	Line	-	7.01	9.68	0.04	9.89
QP	447.846k	36.47	56.92	-20.45	19.62	Line	-	16.85	9.67	0.06	9.89
AV	447.846k	30.31	46.92	-16.61	19.62	Line	-	10.69	9.67	0.06	9.89
QP	2.256M	41.96	56.00	-14.04	19.67	Line	-	22.29	9.68	0.11	9.88
AV	2.256M	33.16	46.00	-12.84	19.67	Line	-	13.49	9.68	0.11	9.88
QP	20.677M	37.59	60.00	-22.41	19.85	Line	-	17.74	9.66	0.30	9.89
AV	20.677M	30.87	50.00	-19.13	19.85	Line	-	11.02	9.66	0.30	9.89
QP	28.571M	40.27	60.00	-19.73	19.78	Line	-	20.49	9.55	0.33	9.90
AV	28.571M	34.11	50.00	-15.89	19.78	Line	-	14.33	9.55	0.33	9.90

Conducted Emissions at Powerline_Mode 2



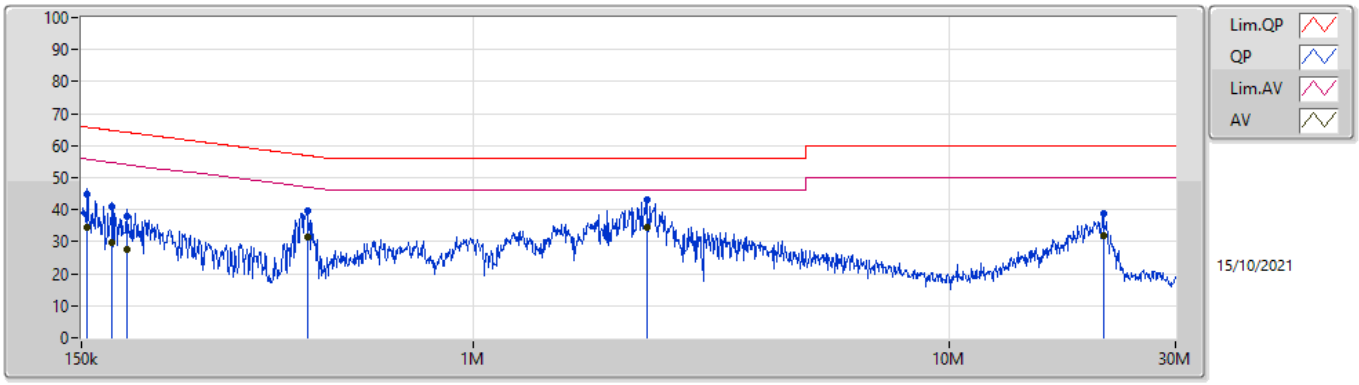
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	155.487k	47.26	65.69	-18.43	19.62	Neutral	-	27.64	9.69	0.04	9.89
AV	155.487k	33.69	55.69	-22.00	19.62	Neutral	-	14.07	9.69	0.04	9.89
QP	245.097k	38.44	61.93	-23.49	19.62	Neutral	-	18.82	9.68	0.05	9.89
AV	245.097k	36.15	51.93	-15.78	19.62	Neutral	-	16.53	9.68	0.05	9.89
QP	447.846k	35.23	56.92	-21.69	19.62	Neutral	-	15.61	9.67	0.06	9.89
AV	447.846k	27.74	46.92	-19.18	19.62	Neutral	-	8.12	9.67	0.06	9.89
QP	2.414M	39.69	56.00	-16.31	19.67	Neutral	-	20.02	9.68	0.11	9.88
AV	2.414M	30.81	46.00	-15.19	19.67	Neutral	-	11.14	9.68	0.11	9.88
QP	21.263M	36.19	60.00	-23.81	19.94	Neutral	-	16.25	9.74	0.31	9.89
AV	21.263M	28.76	50.00	-21.24	19.94	Neutral	-	8.82	9.74	0.31	9.89
QP	27.343M	41.52	60.00	-18.48	19.93	Neutral	-	21.59	9.71	0.33	9.89
AV	27.343M	38.24	50.00	-11.76	19.93	Neutral	-	18.31	9.71	0.33	9.89

Conducted Emissions at Powerline_Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.202k	50.10	65.92	-15.82	19.62	Line	-	30.48	9.69	0.04	9.89
AV	151.202k	37.61	55.92	-18.31	19.62	Line	-	17.99	9.69	0.04	9.89
QP	158.622k	48.91	65.54	-16.63	19.62	Line	-	29.29	9.69	0.04	9.89
AV	158.622k	35.93	55.54	-19.61	19.62	Line	-	16.31	9.69	0.04	9.89
QP	180.236k	43.35	64.47	-21.12	19.61	Line	-	23.74	9.68	0.04	9.89
AV	180.236k	29.91	54.47	-24.56	19.61	Line	-	10.30	9.68	0.04	9.89
QP	440.751k	40.53	57.05	-16.52	19.62	Line	-	20.91	9.67	0.06	9.89
AV	440.751k	34.53	47.05	-12.52	19.62	Line	-	14.91	9.67	0.06	9.89
QP	2.376M	43.37	56.00	-12.63	19.67	Line	-	23.70	9.68	0.11	9.88
AV	2.376M	34.50	46.00	-11.50	19.67	Line	-	14.83	9.68	0.11	9.88
QP	20.926M	40.85	60.00	-19.15	19.84	Line	-	21.01	9.65	0.30	9.89
AV	20.926M	33.71	50.00	-16.29	19.84	Line	-	13.87	9.65	0.30	9.89

Conducted Emissions at Powerline_Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	44.89	65.77	-20.88	19.62	Neutral	-	25.27	9.69	0.04	9.89
AV	154.251k	34.69	55.77	-21.08	19.62	Neutral	-	15.07	9.69	0.04	9.89
QP	173.876k	40.79	64.78	-23.99	19.61	Neutral	-	21.18	9.68	0.04	9.89
AV	173.876k	29.93	54.78	-24.85	19.61	Neutral	-	10.32	9.68	0.04	9.89
QP	186.83k	37.74	64.18	-26.44	19.61	Neutral	-	18.13	9.68	0.04	9.89
AV	186.83k	27.70	54.18	-26.48	19.61	Neutral	-	8.09	9.68	0.04	9.89
QP	447.846k	39.64	56.92	-17.28	19.62	Neutral	-	20.02	9.67	0.06	9.89
AV	447.846k	31.55	46.92	-15.37	19.62	Neutral	-	11.93	9.67	0.06	9.89
QP	2.32M	43.07	56.00	-12.93	19.67	Neutral	-	23.40	9.68	0.11	9.88
AV	2.32M	34.69	46.00	-11.31	19.67	Neutral	-	15.02	9.68	0.11	9.88
QP	21.178M	38.86	60.00	-21.14	19.94	Neutral	-	18.92	9.74	0.31	9.89
AV	21.178M	31.80	50.00	-18.20	19.94	Neutral	-	11.86	9.74	0.31	9.89

Summary

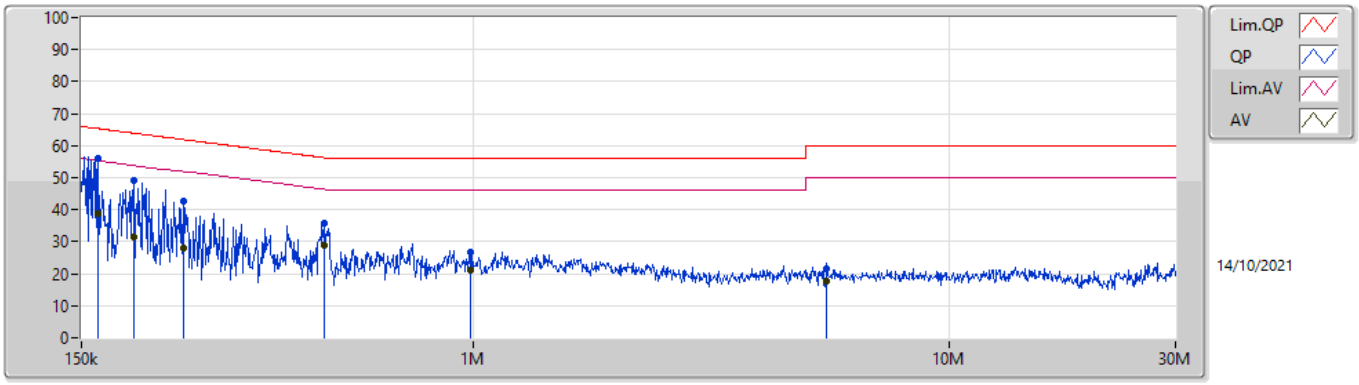
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	162.467k	56.00	65.33	-9.33	Line
Mode 2	Pass	AV	28.571M	41.97	50.00	-8.03	Line
Mode 3	Pass	AV	2.265M	33.63	46.00	-12.37	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	162.467k	56.00	65.33	-9.33	Line	-
Mode 1	Pass	AV	162.467k	38.85	55.33	-16.48	Line	-
Mode 1	Pass	QP	193.664k	48.97	63.88	-14.91	Line	-
Mode 1	Pass	AV	193.664k	31.38	53.88	-22.50	Line	-
Mode 1	Pass	QP	246.077k	42.80	61.89	-19.09	Line	-
Mode 1	Pass	AV	246.077k	27.81	51.89	-24.08	Line	-
Mode 1	Pass	QP	485.068k	35.79	56.25	-20.46	Line	-
Mode 1	Pass	AV	485.068k	29.03	46.25	-17.22	Line	-
Mode 1	Pass	QP	987.197k	26.91	56.00	-29.09	Line	-
Mode 1	Pass	AV	987.197k	20.94	46.00	-25.06	Line	-
Mode 1	Pass	QP	5.538M	21.48	60.00	-38.52	Line	-
Mode 1	Pass	AV	5.538M	17.76	50.00	-32.24	Line	-
Mode 1	Pass	QP	154.868k	55.88	65.73	-9.85	Neutral	-
Mode 1	Pass	AV	154.868k	38.07	55.73	-17.66	Neutral	-
Mode 1	Pass	QP	185.344k	50.88	64.24	-13.36	Neutral	-
Mode 1	Pass	AV	185.344k	31.66	54.24	-22.58	Neutral	-
Mode 1	Pass	QP	203.167k	49.19	63.48	-14.29	Neutral	-
Mode 1	Pass	AV	203.167k	33.56	53.48	-19.92	Neutral	-
Mode 1	Pass	QP	451.436k	34.21	56.84	-22.63	Neutral	-
Mode 1	Pass	AV	451.436k	27.16	46.84	-19.68	Neutral	-
Mode 1	Pass	QP	1.117M	29.55	56.00	-26.45	Neutral	-
Mode 1	Pass	AV	1.117M	24.10	46.00	-21.90	Neutral	-
Mode 1	Pass	QP	11.182M	23.78	60.00	-36.22	Neutral	-
Mode 1	Pass	AV	11.182M	20.00	50.00	-30.00	Neutral	-
Mode 2	Pass	QP	157.99k	49.33	65.56	-16.23	Line	-
Mode 2	Pass	AV	157.99k	35.04	55.56	-20.52	Line	-
Mode 2	Pass	QP	245.097k	39.19	61.93	-22.74	Line	-
Mode 2	Pass	AV	245.097k	36.45	51.93	-15.48	Line	-
Mode 2	Pass	QP	447.846k	38.15	56.92	-18.77	Line	-
Mode 2	Pass	AV	447.846k	31.36	46.92	-15.56	Line	-
Mode 2	Pass	QP	2.473M	41.46	56.00	-14.54	Line	-
Mode 2	Pass	AV	2.473M	32.05	46.00	-13.95	Line	-
Mode 2	Pass	QP	21.01M	38.11	60.00	-21.89	Line	-
Mode 2	Pass	AV	21.01M	30.99	50.00	-19.01	Line	-
Mode 2	Pass	QP	28.571M	43.87	60.00	-16.13	Line	-
Mode 2	Pass	AV	28.571M	41.97	50.00	-8.03	Line	-
Mode 2	Pass	QP	151.202k	46.68	65.92	-19.24	Neutral	-
Mode 2	Pass	AV	151.202k	34.73	55.92	-21.19	Neutral	-
Mode 2	Pass	QP	247.062k	38.83	61.85	-23.02	Neutral	-
Mode 2	Pass	AV	247.062k	36.56	51.85	-15.29	Neutral	-
Mode 2	Pass	QP	444.284k	38.05	56.98	-18.93	Neutral	-
Mode 2	Pass	AV	444.284k	30.88	46.98	-16.10	Neutral	-
Mode 2	Pass	QP	2.274M	42.80	56.00	-13.20	Neutral	-
Mode 2	Pass	AV	2.274M	34.44	46.00	-11.56	Neutral	-
Mode 2	Pass	QP	20.843M	37.10	60.00	-22.90	Neutral	-
Mode 2	Pass	AV	20.843M	29.79	50.00	-20.21	Neutral	-
Mode 2	Pass	QP	28.571M	42.24	60.00	-17.76	Neutral	-
Mode 2	Pass	AV	28.571M	38.02	50.00	-11.98	Neutral	-
Mode 3	Pass	QP	157.361k	49.19	65.60	-16.41	Line	-
Mode 3	Pass	AV	157.361k	36.82	55.60	-18.78	Line	-

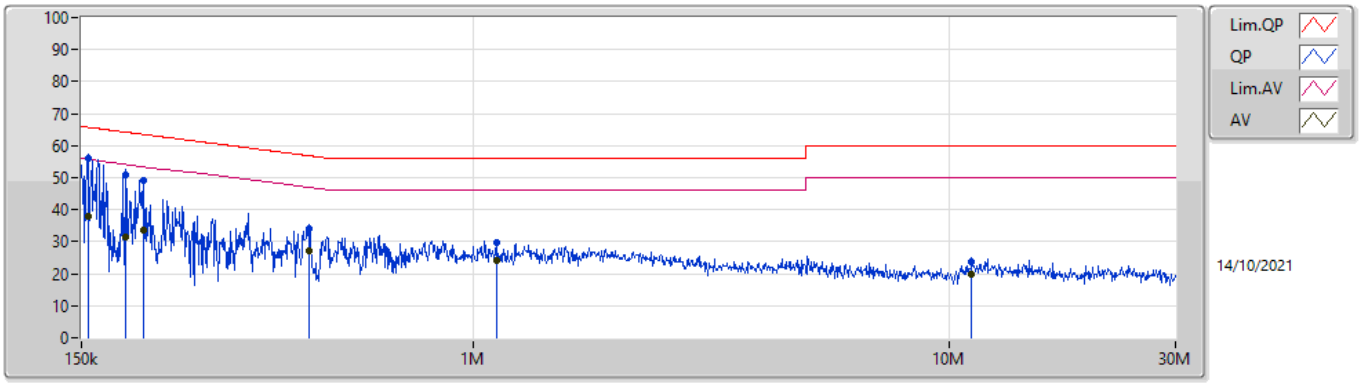
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	167.739k	46.12	65.06	-18.94	Line	-
Mode 3	Pass	AV	167.739k	32.31	55.06	-22.75	Line	-
Mode 3	Pass	QP	188.327k	41.59	64.11	-22.52	Line	-
Mode 3	Pass	AV	188.327k	28.39	54.11	-25.72	Line	-
Mode 3	Pass	QP	446.062k	40.61	56.96	-16.35	Line	-
Mode 3	Pass	AV	446.062k	33.74	46.96	-13.22	Line	-
Mode 3	Pass	QP	2.329M	42.83	56.00	-13.17	Line	-
Mode 3	Pass	AV	2.329M	33.47	46.00	-12.53	Line	-
Mode 3	Pass	QP	21.263M	39.66	60.00	-20.34	Line	-
Mode 3	Pass	AV	21.263M	32.49	50.00	-17.51	Line	-
Mode 3	Pass	QP	150k	45.20	66.00	-20.80	Neutral	-
Mode 3	Pass	AV	150k	34.98	56.00	-21.02	Neutral	-
Mode 3	Pass	QP	157.99k	43.99	65.56	-21.57	Neutral	-
Mode 3	Pass	AV	157.99k	33.61	55.56	-21.95	Neutral	-
Mode 3	Pass	QP	170.439k	41.39	64.93	-23.54	Neutral	-
Mode 3	Pass	AV	170.439k	30.24	54.93	-24.69	Neutral	-
Mode 3	Pass	QP	444.284k	39.84	56.98	-17.14	Neutral	-
Mode 3	Pass	AV	444.284k	32.78	46.98	-14.20	Neutral	-
Mode 3	Pass	QP	2.265M	42.42	56.00	-13.58	Neutral	-
Mode 3	Pass	AV	2.265M	33.63	46.00	-12.37	Neutral	-
Mode 3	Pass	QP	20.843M	39.16	60.00	-20.84	Neutral	-
Mode 3	Pass	AV	20.843M	32.51	50.00	-17.49	Neutral	-

Conducted Emissions at Powerline_Mode 1



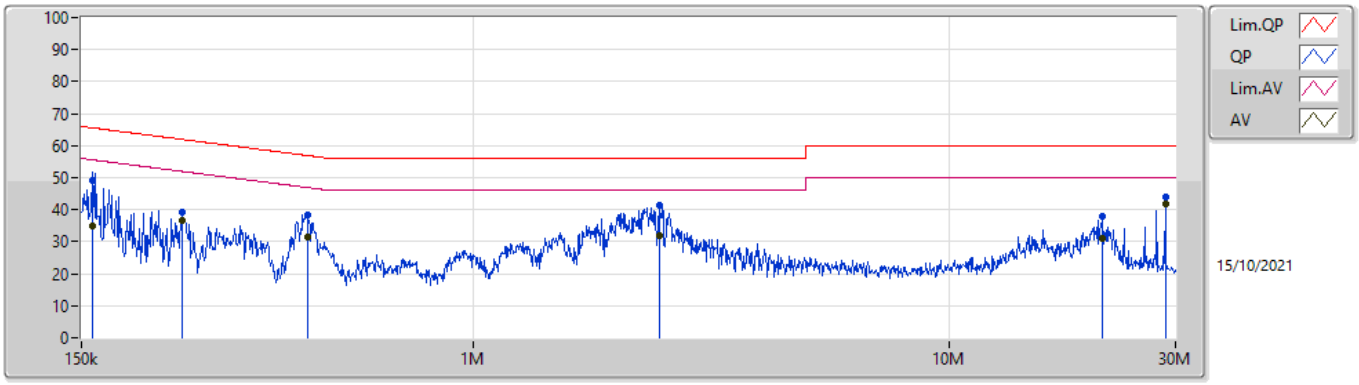
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	162.467k	56.00	65.33	-9.33	19.62	Line	-	36.38	9.69	0.04	9.89
AV	162.467k	38.85	55.33	-16.48	19.62	Line	-	19.23	9.69	0.04	9.89
QP	193.664k	48.97	63.88	-14.91	19.61	Line	-	29.36	9.68	0.04	9.89
AV	193.664k	31.38	53.88	-22.50	19.61	Line	-	11.77	9.68	0.04	9.89
QP	246.077k	42.80	61.89	-19.09	19.62	Line	-	23.18	9.68	0.05	9.89
AV	246.077k	27.81	51.89	-24.08	19.62	Line	-	8.19	9.68	0.05	9.89
QP	485.068k	35.79	56.25	-20.46	19.62	Line	-	16.17	9.67	0.06	9.89
AV	485.068k	29.03	46.25	-17.22	19.62	Line	-	9.41	9.67	0.06	9.89
QP	987.197k	26.91	56.00	-29.09	19.64	Line	-	7.27	9.67	0.08	9.89
AV	987.197k	20.94	46.00	-25.06	19.64	Line	-	1.30	9.67	0.08	9.89
QP	5.538M	21.48	60.00	-38.52	19.75	Line	-	1.73	9.70	0.16	9.89
AV	5.538M	17.76	50.00	-32.24	19.75	Line	-	-1.99	9.70	0.16	9.89

Conducted Emissions at Powerline_Mode 1



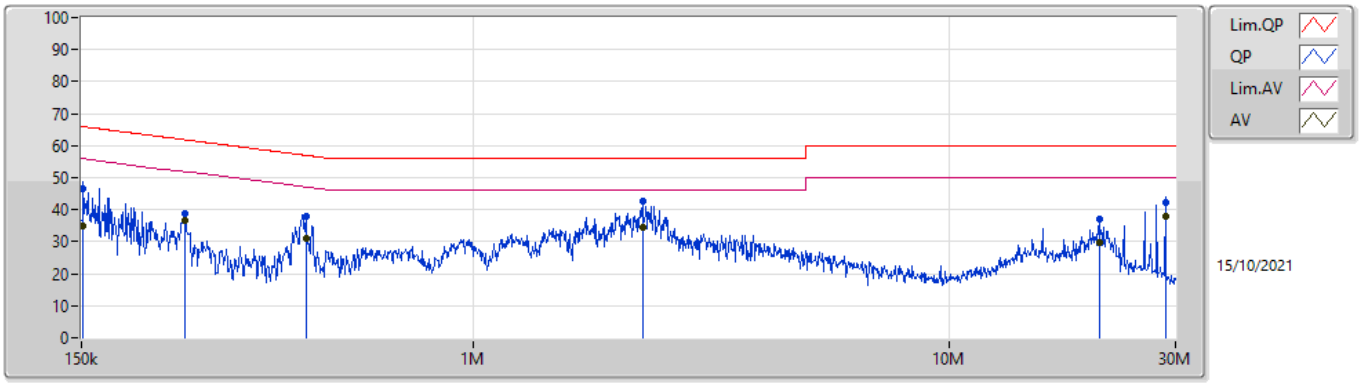
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.868k	55.88	65.73	-9.85	19.62	Neutral	-	36.26	9.69	0.04	9.89
AV	154.868k	38.07	55.73	-17.66	19.62	Neutral	-	18.45	9.69	0.04	9.89
QP	185.344k	50.88	64.24	-13.36	19.61	Neutral	-	31.27	9.68	0.04	9.89
AV	185.344k	31.66	54.24	-22.58	19.61	Neutral	-	12.05	9.68	0.04	9.89
QP	203.167k	49.19	63.48	-14.29	19.61	Neutral	-	29.58	9.68	0.04	9.89
AV	203.167k	33.56	53.48	-19.92	19.61	Neutral	-	13.95	9.68	0.04	9.89
QP	451.436k	34.21	56.84	-22.63	19.62	Neutral	-	14.59	9.67	0.06	9.89
AV	451.436k	27.16	46.84	-19.68	19.62	Neutral	-	7.54	9.67	0.06	9.89
QP	1.117M	29.55	56.00	-26.45	19.64	Neutral	-	9.91	9.67	0.08	9.89
AV	1.117M	24.10	46.00	-21.90	19.64	Neutral	-	4.46	9.67	0.08	9.89
QP	11.182M	23.78	60.00	-36.22	19.83	Neutral	-	3.95	9.73	0.21	9.89
AV	11.182M	20.00	50.00	-30.00	19.83	Neutral	-	0.17	9.73	0.21	9.89

Conducted Emissions at Powerline_Mode 2



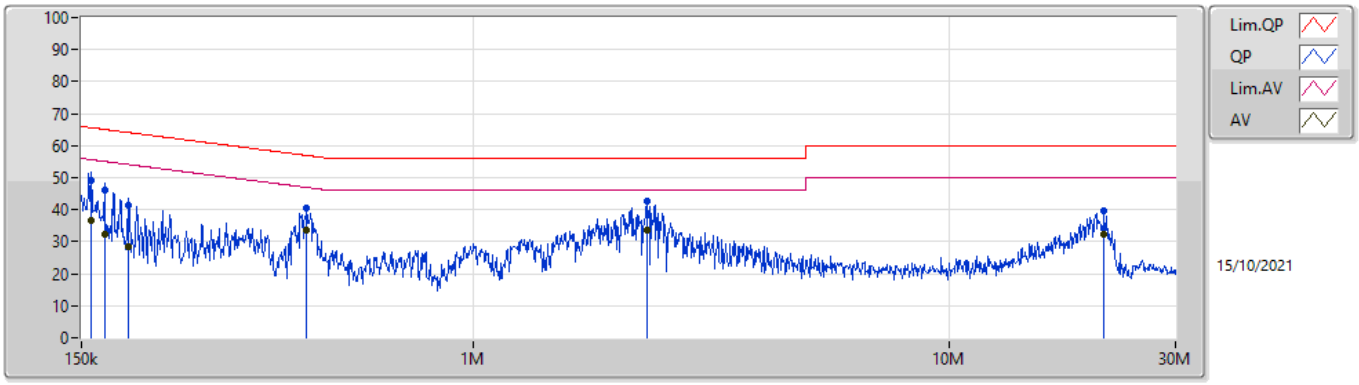
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.99k	49.33	65.56	-16.23	19.62	Line	-	29.71	9.69	0.04	9.89
AV	157.99k	35.04	55.56	-20.52	19.62	Line	-	15.42	9.69	0.04	9.89
QP	245.097k	39.19	61.93	-22.74	19.62	Line	-	19.57	9.68	0.05	9.89
AV	245.097k	36.45	51.93	-15.48	19.62	Line	-	16.83	9.68	0.05	9.89
QP	447.846k	38.15	56.92	-18.77	19.62	Line	-	18.53	9.67	0.06	9.89
AV	447.846k	31.36	46.92	-15.56	19.62	Line	-	11.74	9.67	0.06	9.89
QP	2.473M	41.46	56.00	-14.54	19.67	Line	-	21.79	9.68	0.11	9.88
AV	2.473M	32.05	46.00	-13.95	19.67	Line	-	12.38	9.68	0.11	9.88
QP	21.01M	38.11	60.00	-21.89	19.84	Line	-	18.27	9.65	0.30	9.89
AV	21.01M	30.99	50.00	-19.01	19.84	Line	-	11.15	9.65	0.30	9.89
QP	28.571M	43.87	60.00	-16.13	19.78	Line	-	24.09	9.55	0.33	9.90
AV	28.571M	41.97	50.00	-8.03	19.78	Line	-	22.19	9.55	0.33	9.90

Conducted Emissions at Powerline_Mode 2



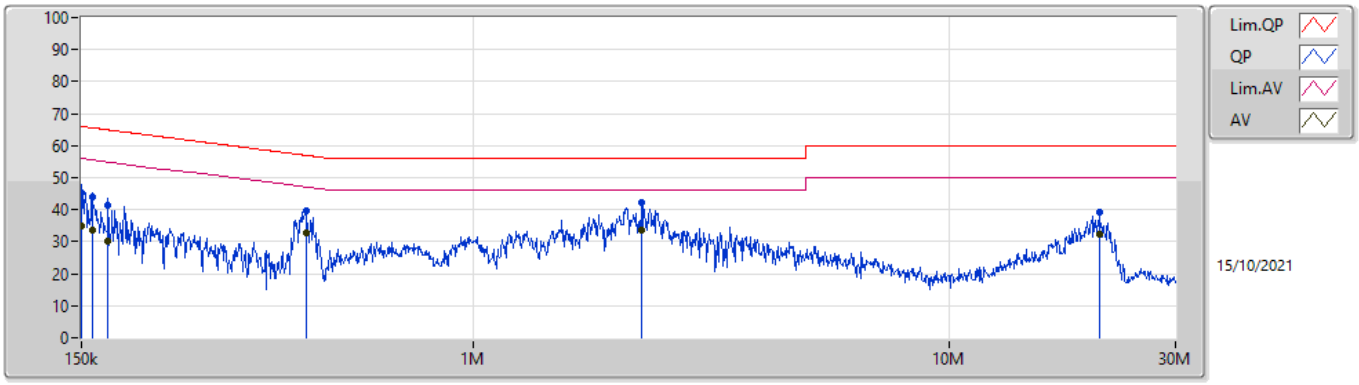
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.202k	46.68	65.92	-19.24	19.62	Neutral	-	27.06	9.69	0.04	9.89
AV	151.202k	34.73	55.92	-21.19	19.62	Neutral	-	15.11	9.69	0.04	9.89
QP	247.062k	38.83	61.85	-23.02	19.62	Neutral	-	19.21	9.68	0.05	9.89
AV	247.062k	36.56	51.85	-15.29	19.62	Neutral	-	16.94	9.68	0.05	9.89
QP	444.284k	38.05	56.98	-18.93	19.62	Neutral	-	18.43	9.67	0.06	9.89
AV	444.284k	30.88	46.98	-16.10	19.62	Neutral	-	11.26	9.67	0.06	9.89
QP	2.274M	42.80	56.00	-13.20	19.67	Neutral	-	23.13	9.68	0.11	9.88
AV	2.274M	34.44	46.00	-11.56	19.67	Neutral	-	14.77	9.68	0.11	9.88
QP	20.843M	37.10	60.00	-22.90	19.93	Neutral	-	17.17	9.74	0.30	9.89
AV	20.843M	29.79	50.00	-20.21	19.93	Neutral	-	9.86	9.74	0.30	9.89
QP	28.571M	42.24	60.00	-17.76	19.94	Neutral	-	22.30	9.71	0.33	9.90
AV	28.571M	38.02	50.00	-11.98	19.94	Neutral	-	18.08	9.71	0.33	9.90

Conducted Emissions at Powerline_Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.361k	49.19	65.60	-16.41	19.62	Line	-	29.57	9.69	0.04	9.89
AV	157.361k	36.82	55.60	-18.78	19.62	Line	-	17.20	9.69	0.04	9.89
QP	167.739k	46.12	65.06	-18.94	19.62	Line	-	26.50	9.69	0.04	9.89
AV	167.739k	32.31	55.06	-22.75	19.62	Line	-	12.69	9.69	0.04	9.89
QP	188.327k	41.59	64.11	-22.52	19.61	Line	-	21.98	9.68	0.04	9.89
AV	188.327k	28.39	54.11	-25.72	19.61	Line	-	8.78	9.68	0.04	9.89
QP	446.062k	40.61	56.96	-16.35	19.62	Line	-	20.99	9.67	0.06	9.89
AV	446.062k	33.74	46.96	-13.22	19.62	Line	-	14.12	9.67	0.06	9.89
QP	2.329M	42.83	56.00	-13.17	19.67	Line	-	23.16	9.68	0.11	9.88
AV	2.329M	33.47	46.00	-12.53	19.67	Line	-	13.80	9.68	0.11	9.88
QP	21.263M	39.66	60.00	-20.34	19.85	Line	-	19.81	9.65	0.31	9.89
AV	21.263M	32.49	50.00	-17.51	19.85	Line	-	12.64	9.65	0.31	9.89

Conducted Emissions at Powerline_Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	45.20	66.00	-20.80	19.62	Neutral	-	25.58	9.69	0.04	9.89
AV	150k	34.98	56.00	-21.02	19.62	Neutral	-	15.36	9.69	0.04	9.89
QP	157.99k	43.99	65.56	-21.57	19.62	Neutral	-	24.37	9.69	0.04	9.89
AV	157.99k	33.61	55.56	-21.95	19.62	Neutral	-	13.99	9.69	0.04	9.89
QP	170.439k	41.39	64.93	-23.54	19.62	Neutral	-	21.77	9.69	0.04	9.89
AV	170.439k	30.24	54.93	-24.69	19.62	Neutral	-	10.62	9.69	0.04	9.89
QP	444.284k	39.84	56.98	-17.14	19.62	Neutral	-	20.22	9.67	0.06	9.89
AV	444.284k	32.78	46.98	-14.20	19.62	Neutral	-	13.16	9.67	0.06	9.89
QP	2.265M	42.42	56.00	-13.58	19.67	Neutral	-	22.75	9.68	0.11	9.88
AV	2.265M	33.63	46.00	-12.37	19.67	Neutral	-	13.96	9.68	0.11	9.88
QP	20.843M	39.16	60.00	-20.84	19.93	Neutral	-	19.23	9.74	0.30	9.89
AV	20.843M	32.51	50.00	-17.49	19.93	Neutral	-	12.58	9.74	0.30	9.89

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)_4TX	9M	14.443M	14M4G1D	7.075M	13.193M
802.11g_Nss1,(6Mbps)_4TX	16.325M	21.114M	21M1D1D	15.575M	16.392M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.875M	19.115M	19M1D1D	17.825M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.05M	38.131M	38M1D1D	36.05M	37.731M

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

Result

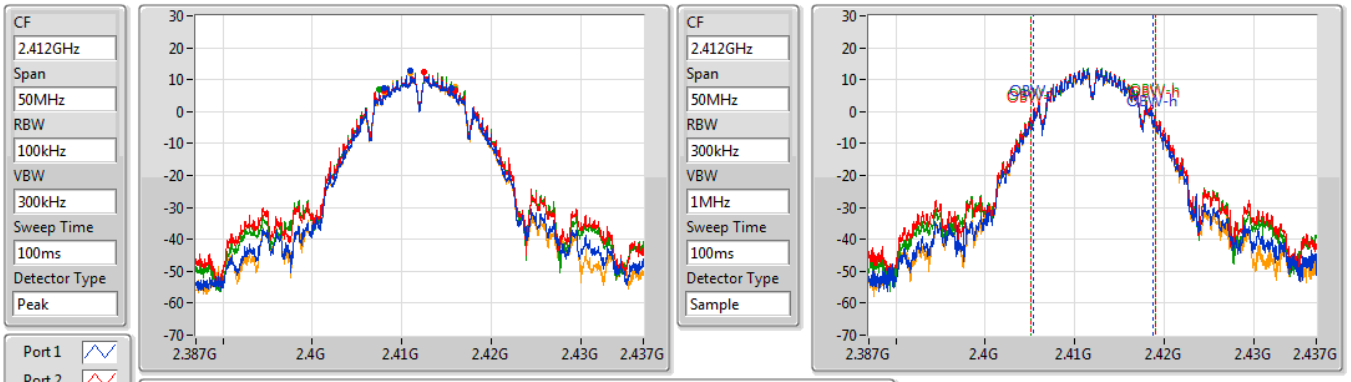
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.5M	13.443M	8M	13.968M	8.5M	13.993M	8M	13.343M
2437MHz	Pass	500k	7.075M	14.143M	8M	14.168M	9M	14.443M	7.6M	13.443M
2462MHz	Pass	500k	8.525M	13.218M	7.575M	13.218M	7.5M	13.293M	7.525M	13.193M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.417M	16.3M	16.467M	16.325M	16.517M	16.3M	16.542M
2437MHz	Pass	500k	16.3M	20.365M	15.575M	20.89M	15.65M	21.114M	16.3M	18.991M
2462MHz	Pass	500k	16.325M	16.492M	16.3M	16.467M	15.75M	16.392M	16.325M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.7M	18.916M	18.65M	18.916M	18.875M	18.991M	18.875M	18.941M
2437MHz	Pass	500k	18.05M	18.991M	18.725M	19.115M	18.7M	19.015M	17.825M	18.916M
2462MHz	Pass	500k	18.725M	18.941M	18.6M	18.941M	18.7M	18.841M	18.65M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.3M	37.931M	36.05M	37.831M	37.9M	37.831M	37.05M	37.831M
2437MHz	Pass	500k	36.85M	37.981M	37.2M	37.931M	37.75M	38.081M	36.6M	37.881M
2452MHz	Pass	500k	37.65M	37.981M	37.65M	37.831M	38.05M	38.131M	36.25M	37.731M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

06/10/2021

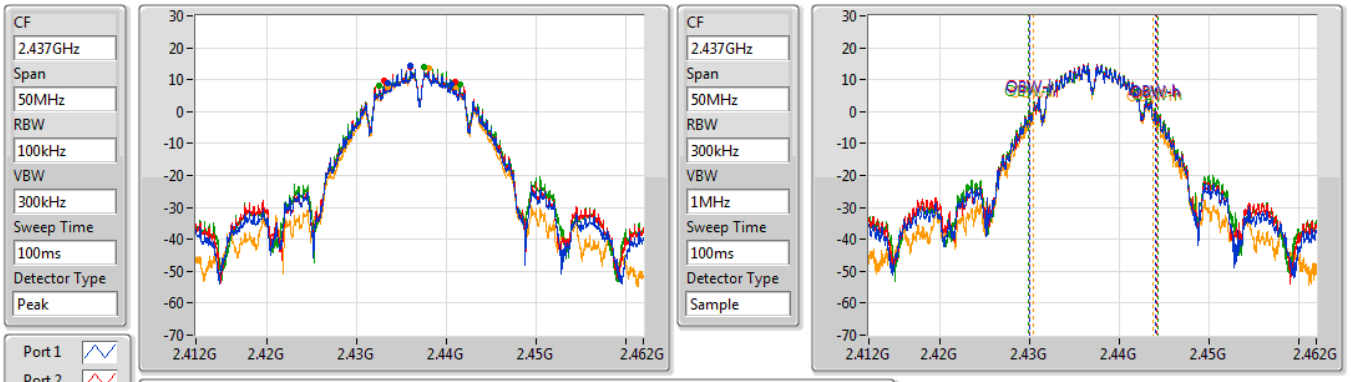


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.5M	2.408025G	2.415525G	13.443M	2.405378G	2.418822G	500k	1
8M	2.408G	2.416G	13.968M	2.405103G	2.419071G	500k	2
8.5M	2.4075G	2.416G	13.993M	2.405053G	2.419046G	500k	3
8M	2.408G	2.416G	13.343M	2.405378G	2.418722G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

06/10/2021

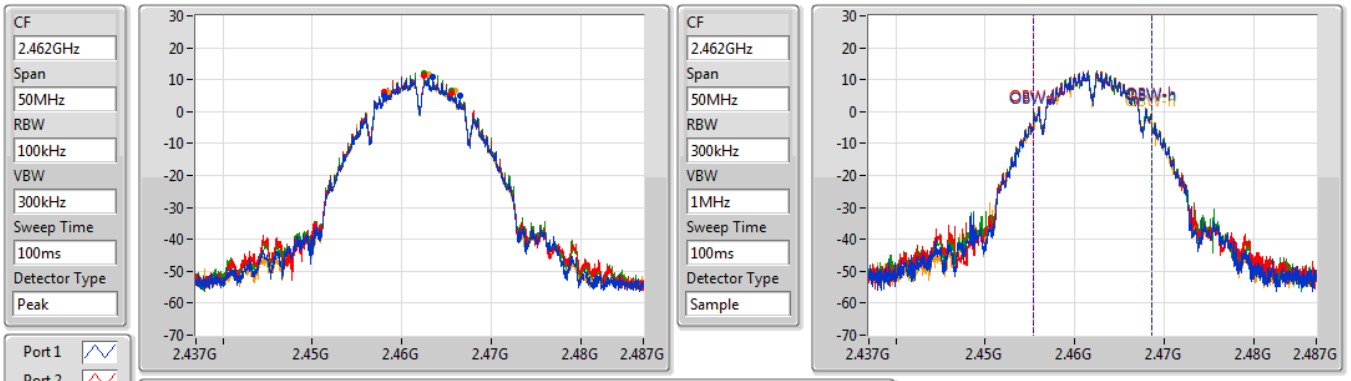


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.433475G	2.44055G	14.143M	2.429954G	2.444096G	500k	1
8M	2.433G	2.441G	14.168M	2.429954G	2.444121G	500k	2
9M	2.4325G	2.4415G	14.443M	2.429854G	2.444296G	500k	3
7.6M	2.43345G	2.44105G	13.443M	2.430328G	2.443772G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

06/10/2021

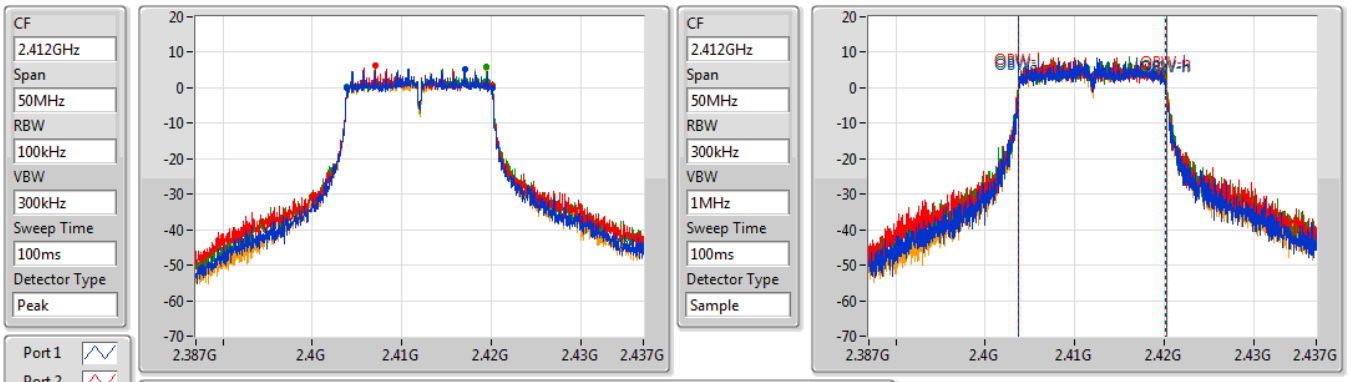


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.457975G	2.4665G	13.218M	2.455353G	2.468572G	500k	1
7.575M	2.457975G	2.46555G	13.218M	2.455353G	2.468572G	500k	2
7.5M	2.458025G	2.465525G	13.293M	2.455328G	2.468622G	500k	3
7.525M	2.458475G	2.466G	13.193M	2.455353G	2.468547G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

06/10/2021

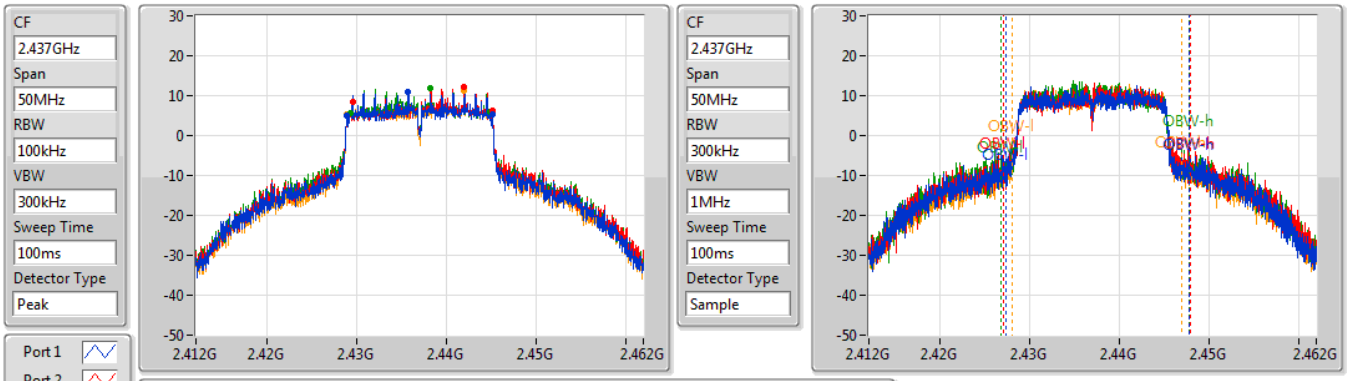


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.417M	2.403779G	2.420196G	500k	1
16.3M	2.40385G	2.42015G	16.467M	2.403754G	2.420221G	500k	2
16.325M	2.40385G	2.420175G	16.517M	2.403754G	2.420271G	500k	3
16.3M	2.403875G	2.420175G	16.542M	2.403754G	2.420296G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

06/10/2021

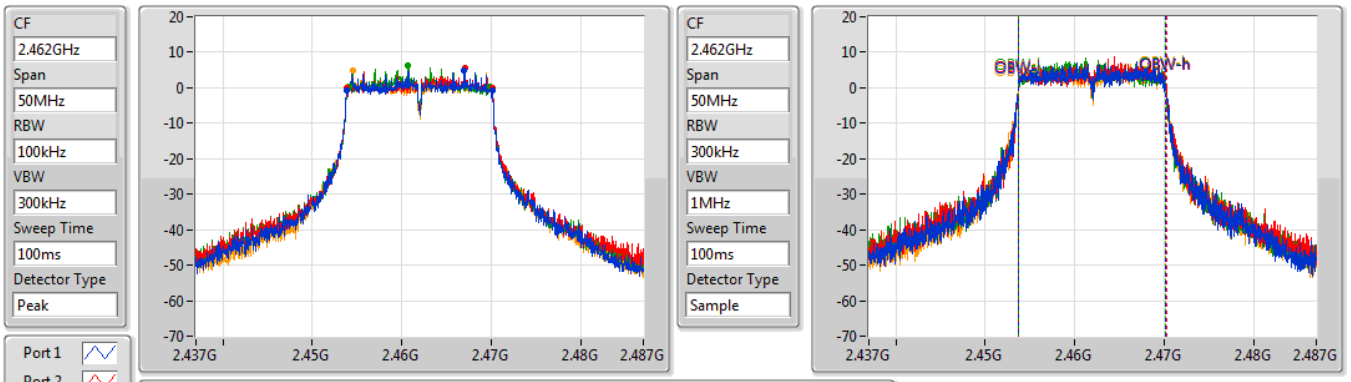


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	20.365M	2.42738G	2.447745G	500k	1
15.575M	2.42955G	2.445125G	20.89M	2.427105G	2.447995G	500k	2
15.65M	2.429225G	2.444875G	21.114M	2.426705G	2.44782G	500k	3
16.3M	2.42885G	2.44515G	18.991M	2.428004G	2.446995G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

06/10/2021

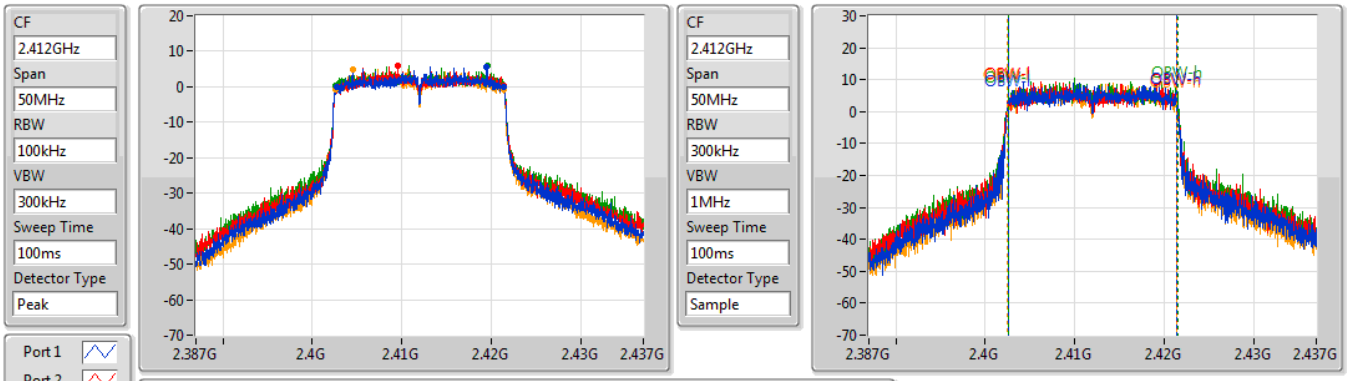


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.492M	2.453704G	2.470196G	500k	1
16.3M	2.45385G	2.47015G	16.467M	2.453754G	2.470221G	500k	2
15.75M	2.454125G	2.469875G	16.392M	2.453779G	2.470171G	500k	3
16.325M	2.453825G	2.47015G	16.492M	2.453704G	2.470196G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

06/10/2021

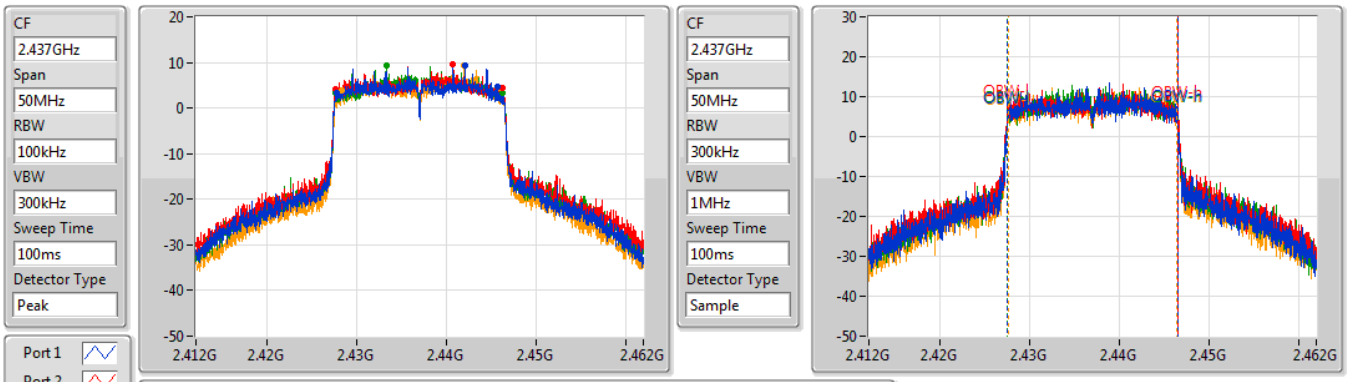


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.40275G	2.42145G	18.916M	2.40253G	2.421445G	500k	1
18.65M	2.402775G	2.421425G	18.916M	2.402555G	2.42147G	500k	2
18.875M	2.402575G	2.42145G	18.991M	2.40253G	2.42152G	500k	3
18.875M	2.402575G	2.42145G	18.941M	2.402505G	2.421445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

06/10/2021

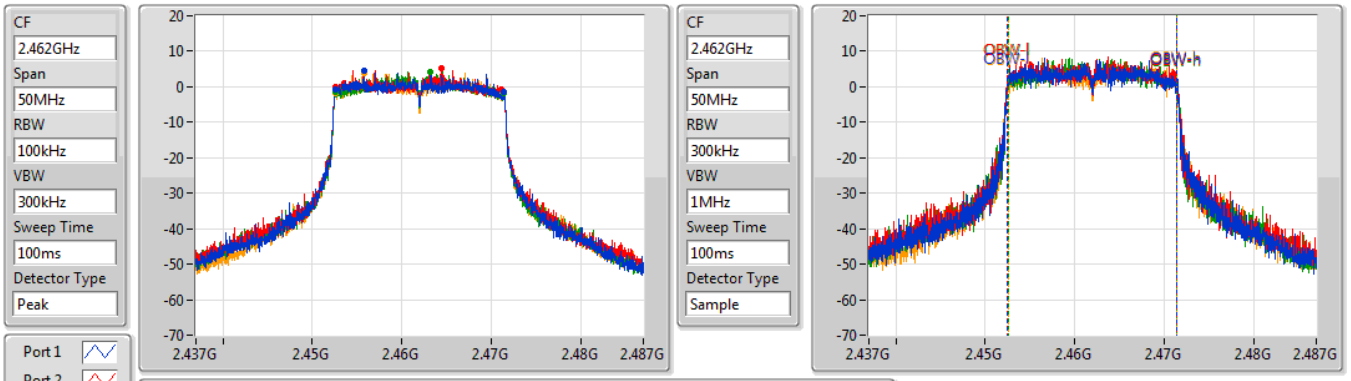


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.05M	2.4277G	2.44575G	18.991M	2.427505G	2.446495G	500k	1
18.725M	2.4276G	2.446325G	19.115M	2.427455G	2.44657G	500k	2
18.7M	2.4276G	2.4463G	19.015M	2.427505G	2.44652G	500k	3
17.825M	2.42825G	2.446075G	18.916M	2.42753G	2.446445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

06/10/2021

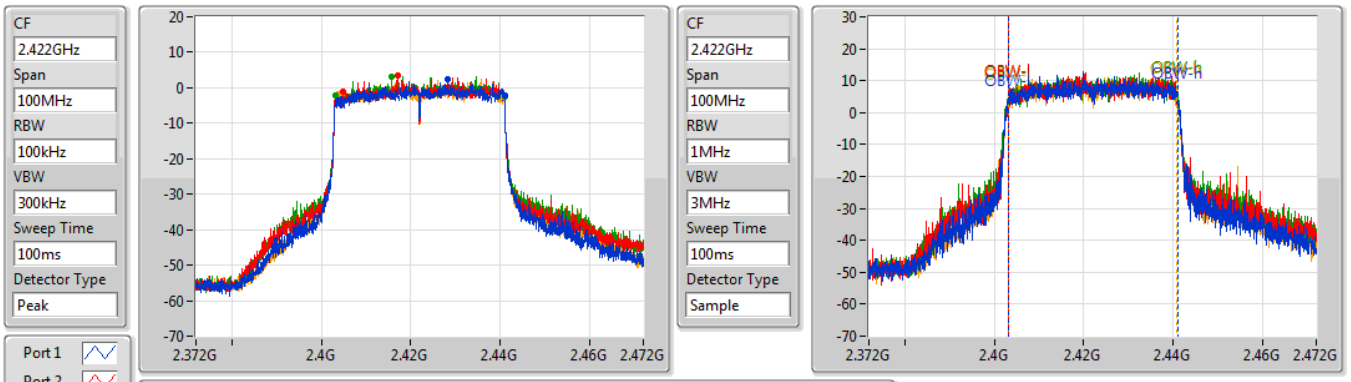


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.452625G	2.47135G	18.941M	2.452505G	2.471445G	500k	1
18.6M	2.45255G	2.47115G	18.941M	2.452505G	2.471445G	500k	2
18.7M	2.45265G	2.47135G	18.841M	2.452555G	2.471395G	500k	3
18.65M	2.45265G	2.4713G	18.891M	2.45253G	2.47142G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

06/10/2021

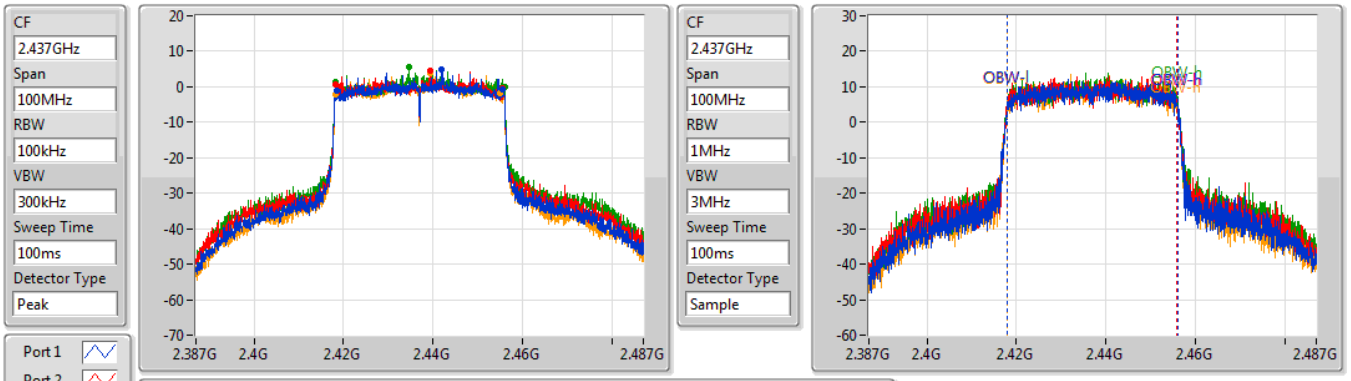


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.40365G	2.44095G	37.931M	2.403109G	2.44104G	500k	1
36.05M	2.40495G	2.441G	37.831M	2.403209G	2.44104G	500k	2
37.9M	2.40325G	2.44115G	37.831M	2.403159G	2.440991G	500k	3
37.05M	2.4037G	2.44075G	37.831M	2.403059G	2.440891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

06/10/2021

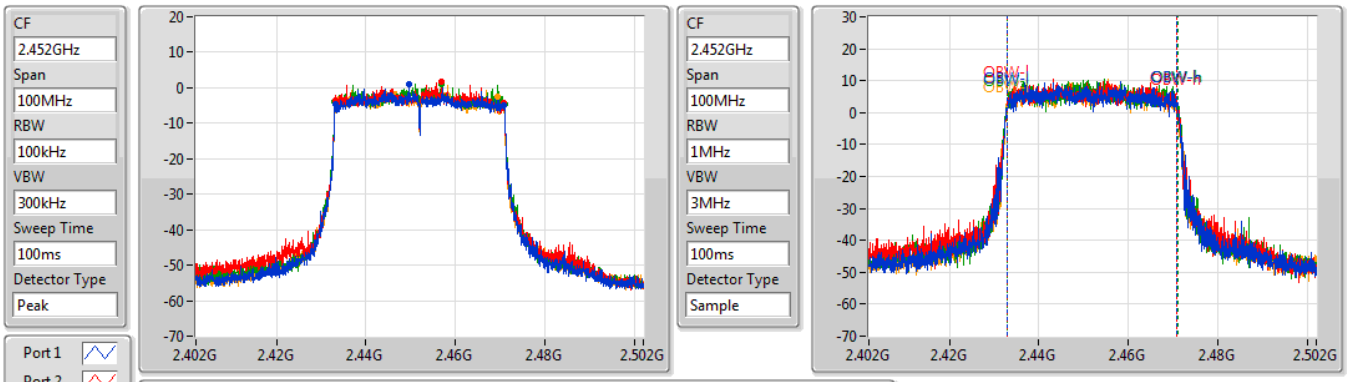


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.85M	2.4186G	2.45545G	37.981M	2.418009G	2.455991G	500k	1
37.2M	2.41825G	2.45545G	37.931M	2.418009G	2.455941G	500k	2
37.75M	2.4182G	2.45595G	38.081M	2.41796G	2.45604G	500k	3
36.6M	2.4183G	2.4549G	37.881M	2.418009G	2.455891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

06/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.43315G	2.4708G	37.981M	2.43296G	2.470941G	500k	1
37.65M	2.43315G	2.4708G	37.831M	2.433009G	2.470841G	500k	2
38.05M	2.43295G	2.471G	38.131M	2.43291G	2.47104G	500k	3
36.25M	2.4332G	2.46945G	37.731M	2.433009G	2.470741G	500k	4

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	9.025M	14.068M	14M1G1D	7.55M	12.944M
802.11g_Nss1,(6Mbps)_2TX	16.35M	26.537M	26M5D1D	16.3M	16.567M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	19.565M	19M6D1D	18.975M	19.04M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.6M	37.931M	37M9D1D	35.85M	37.731M

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

Result

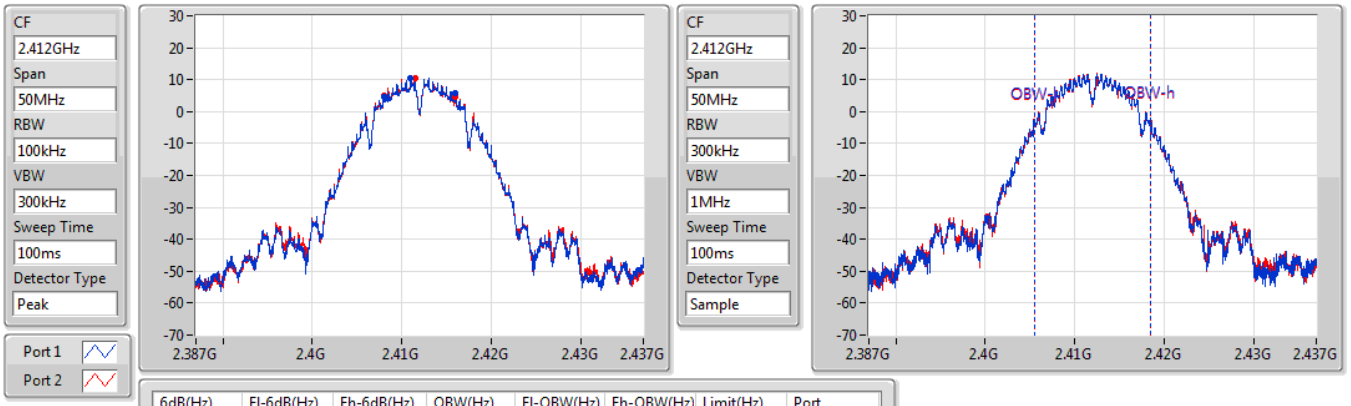
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	12.969M	8.05M	12.944M
2437MHz	Pass	500k	9.025M	14.018M	8.55M	14.068M
2462MHz	Pass	500k	8.025M	13.243M	7.55M	13.143M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.567M	16.325M	16.617M
2437MHz	Pass	500k	16.35M	25.762M	16.325M	26.537M
2462MHz	Pass	500k	16.3M	16.617M	16.325M	16.592M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19M	19.04M	18.975M	19.04M
2437MHz	Pass	500k	18.975M	19.415M	19M	19.565M
2462MHz	Pass	500k	19.05M	19.09M	18.975M	19.065M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.5M	37.931M	35.85M	37.831M
2437MHz	Pass	500k	37.6M	37.831M	37.6M	37.931M
2452MHz	Pass	500k	37.15M	37.731M	36.7M	37.781M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

06/10/2021

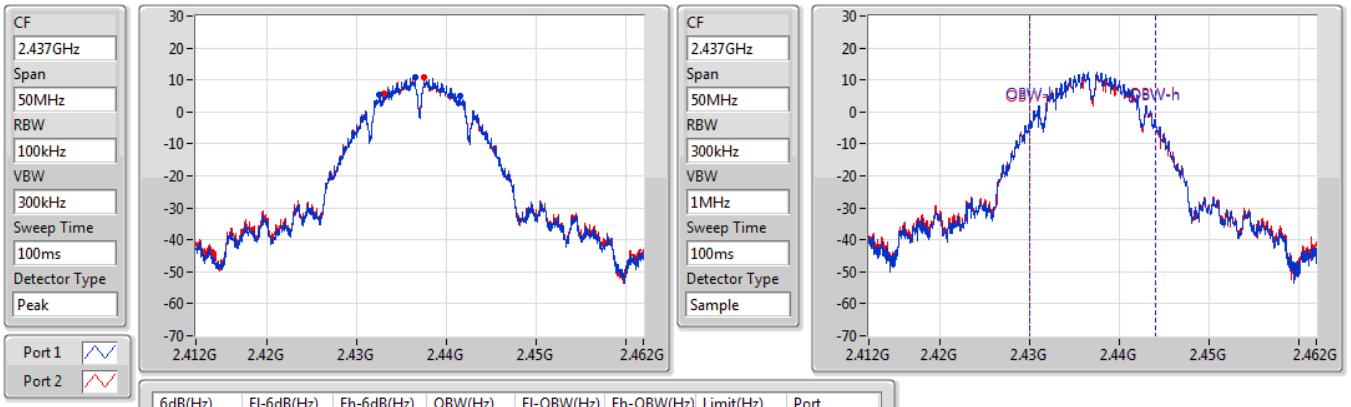


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.407975G	2.416025G	12.969M	2.405503G	2.418472G	500k	1
8.05M	2.407975G	2.416025G	12.944M	2.405528G	2.418472G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

06/10/2021

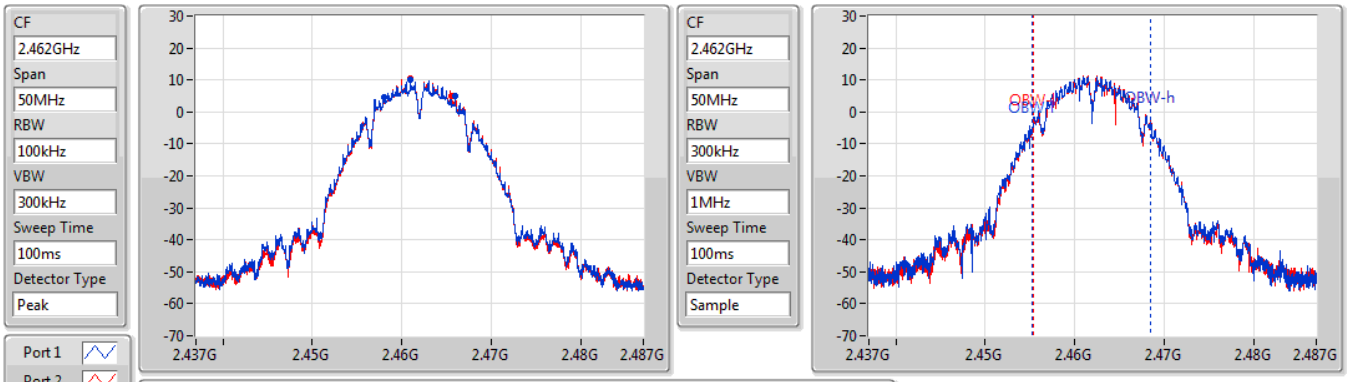


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.4325G	2.441525G	14.018M	2.429979G	2.443997G	500k	1
8.55M	2.432975G	2.441525G	14.068M	2.429929G	2.443997G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

06/10/2021

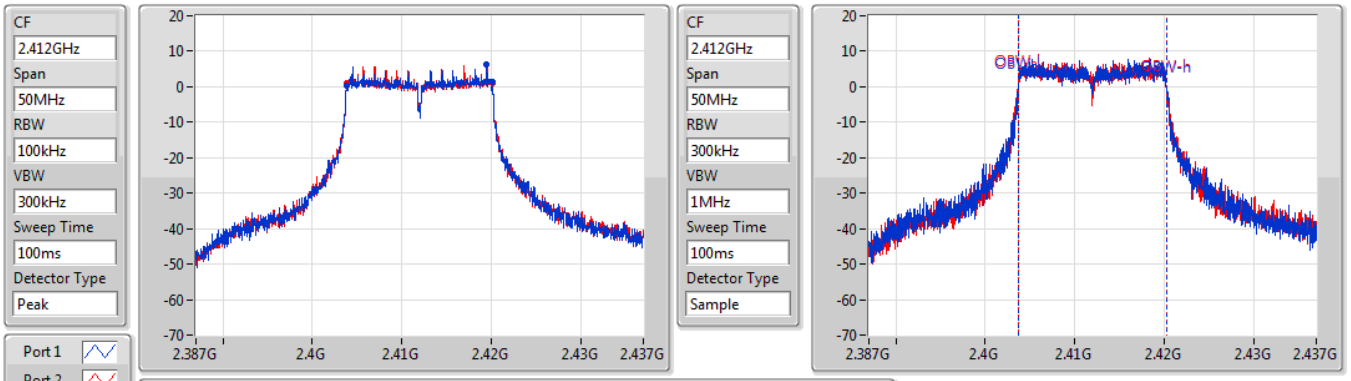


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.457975G	2.466G	13.243M	2.455253G	2.468497G	500k	1
7.55M	2.457975G	2.465525G	13.143M	2.455353G	2.468497G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

06/10/2021

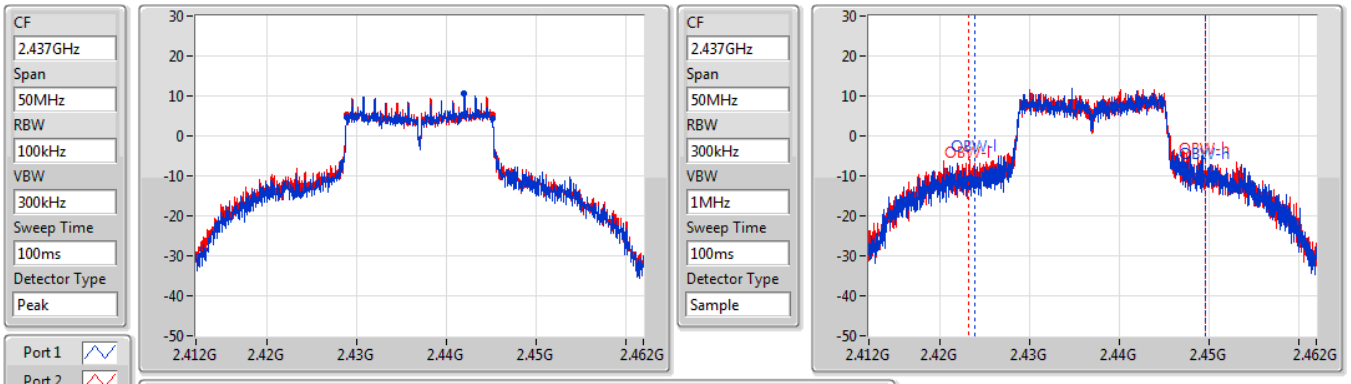


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.567M	2.403729G	2.420296G	500k	1
16.325M	2.403825G	2.42015G	16.617M	2.403654G	2.420271G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

06/10/2021

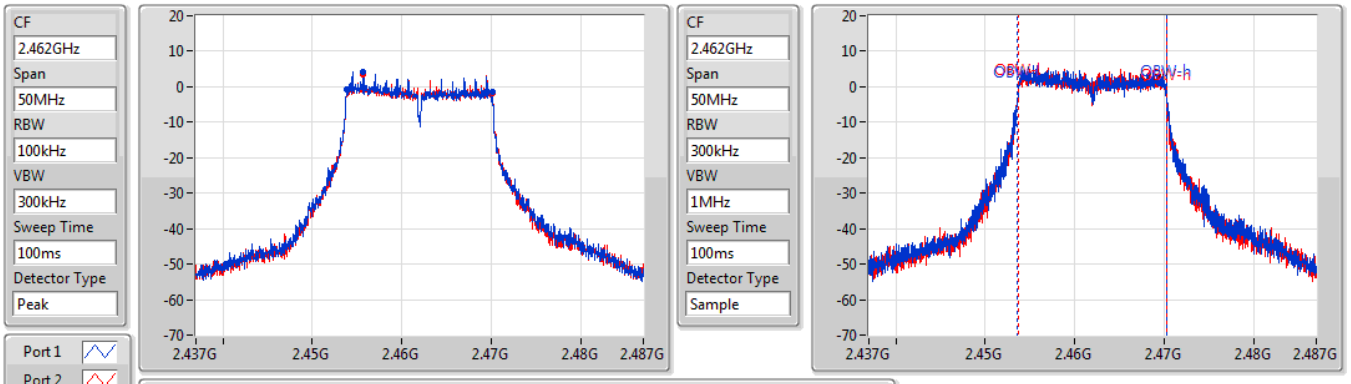


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.428825G	2.445175G	25.762M	2.423907G	2.449669G	500k	1
16.325M	2.428825G	2.44515G	26.537M	2.423082G	2.449619G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

06/10/2021

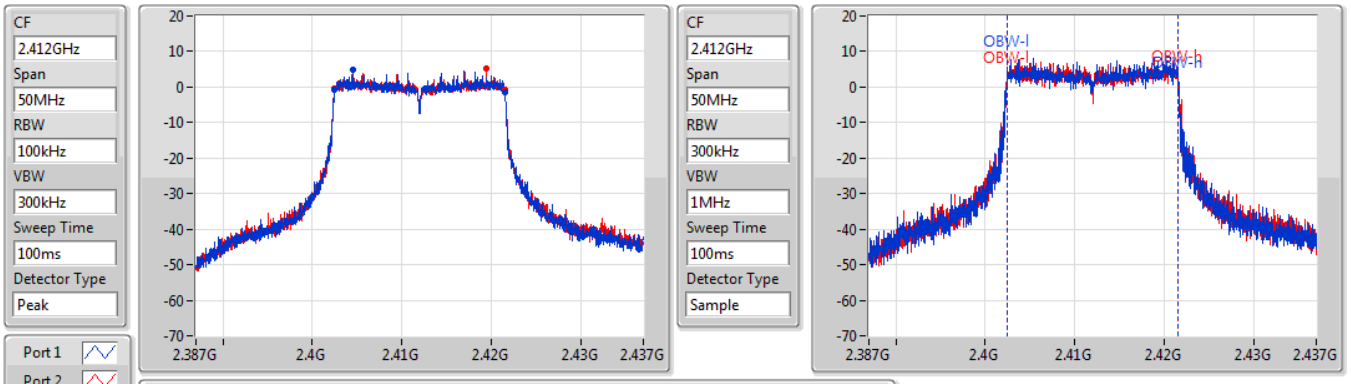


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.617M	2.453629G	2.470246G	500k	1
16.325M	2.453825G	2.47015G	16.592M	2.453654G	2.470246G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

06/10/2021

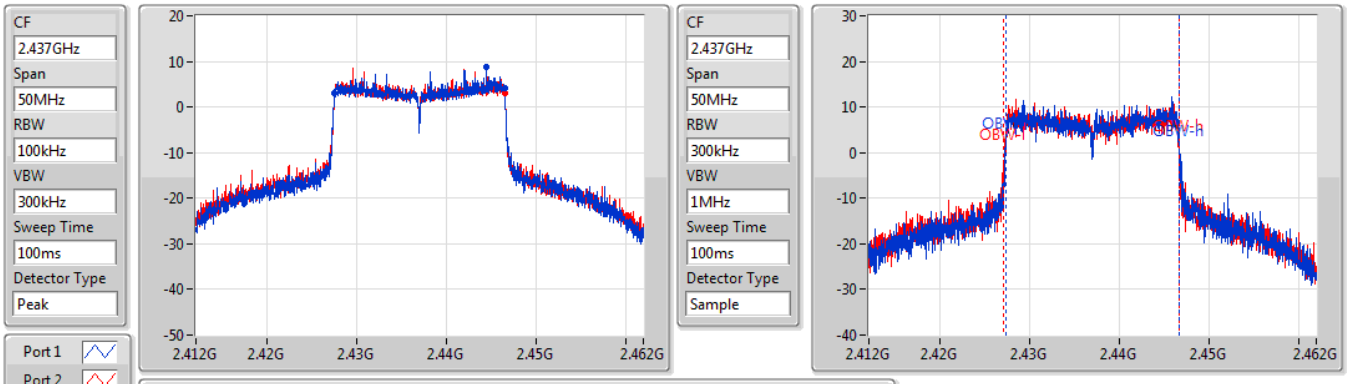


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4025G	2.4215G	19.04M	2.402455G	2.421495G	500k	1
18.975M	2.4025G	2.421475G	19.04M	2.402455G	2.421495G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

06/10/2021

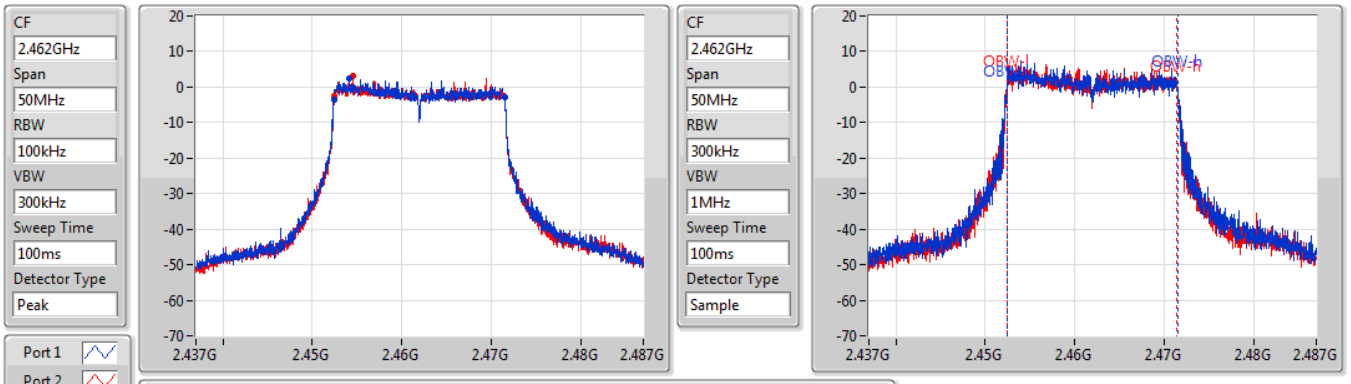


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4275G	2.446475G	19.415M	2.42728G	2.446695G	500k	1
19M	2.4275G	2.4465G	19.565M	2.42708G	2.446645G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

06/10/2021

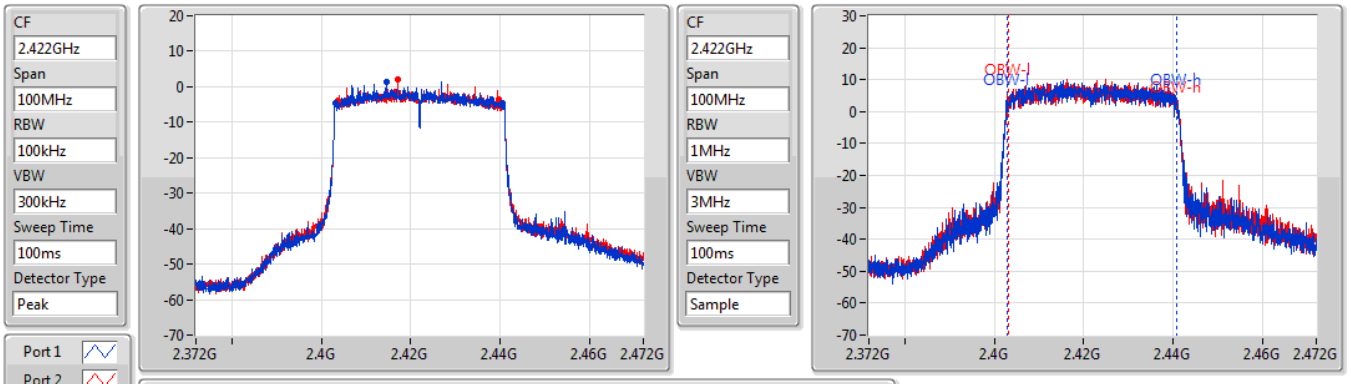


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	2.45245G	2.4715G	19.09M	2.452405G	2.471495G	500k	1
18.975M	2.452475G	2.47145G	19.065M	2.452405G	2.47147G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

06/10/2021

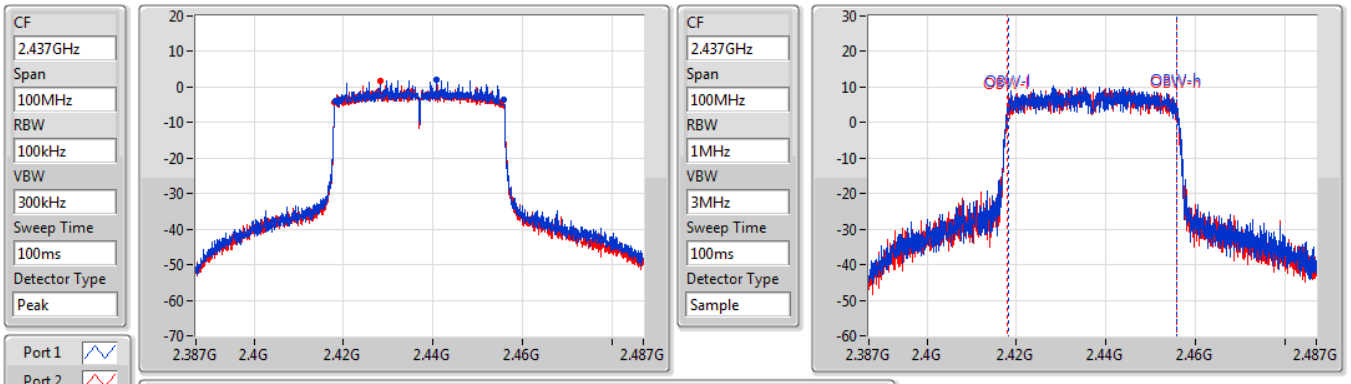


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.4031G	2.4406G	37.931M	2.40296G	2.440891G	500k	1
35.85M	2.4037G	2.43955G	37.831M	2.403059G	2.440891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

06/10/2021

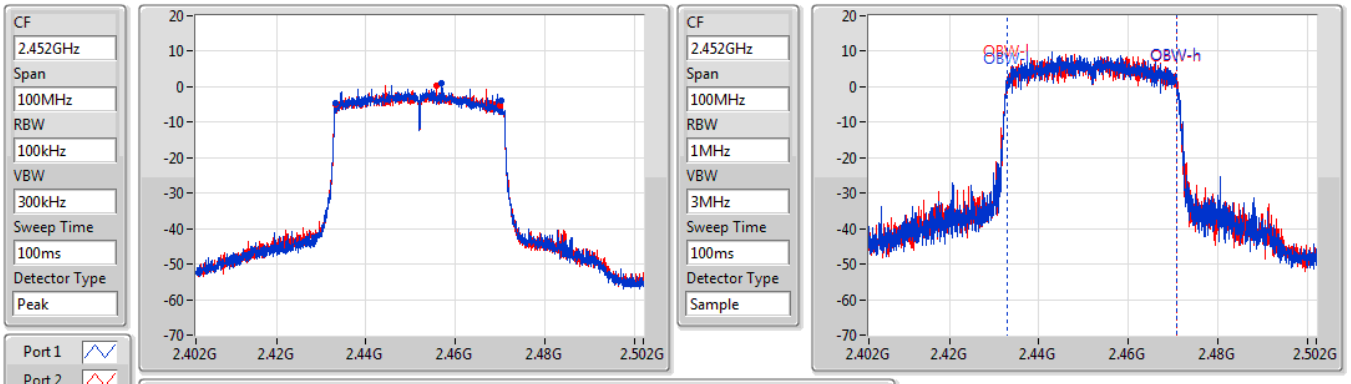


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4181G	2.4557G	37.831M	2.418059G	2.455891G	500k	1
37.6M	2.41805G	2.45565G	37.931M	2.41796G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

06/10/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.15M	2.43315G	2.4703G	37.731M	2.433009G	2.470741G	500k	1
36.7M	2.43325G	2.46995G	37.781M	2.433009G	2.470791G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.14	0.65163
802.11g_Nss1,(6Mbps)_4TX	27.47	0.55847
802.11ax HEW20_Nss1,(MCS0)_4TX	26.34	0.43053
802.11ax HEW40_Nss1,(MCS0)_4TX	24.42	0.27669

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.24	20.67	21.08	21.14	20.66	26.91	30.00
2417MHz	Pass	4.24	21.12	21.78	21.97	21.40	27.60	30.00
2437MHz	Pass	4.24	21.41	22.29	22.63	22.07	28.14	30.00
2457MHz	Pass	4.24	20.61	21.06	21.34	20.61	26.94	30.00
2462MHz	Pass	4.24	19.68	20.03	20.24	19.61	25.92	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.24	16.70	17.14	17.32	16.70	22.99	30.00
2417MHz	Pass	4.24	17.01	17.44	17.90	17.34	23.45	30.00
2437MHz	Pass	4.24	21.41	21.74	22.13	20.30	27.47	30.00
2457MHz	Pass	4.24	17.90	18.32	18.62	17.77	24.19	30.00
2462MHz	Pass	4.24	16.25	16.43	16.70	15.90	22.35	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.24	17.39	17.72	18.02	17.35	23.65	30.00
2417MHz	Pass	4.24	17.74	17.98	18.34	17.81	23.99	30.00
2437MHz	Pass	4.24	20.08	20.50	20.63	20.03	26.34	30.00
2457MHz	Pass	4.24	18.51	18.90	19.05	18.38	24.74	30.00
2462MHz	Pass	4.24	15.90	16.28	16.35	15.68	22.08	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.24	17.16	17.56	17.89	16.79	23.39	30.00
2427MHz	Pass	4.24	16.76	17.05	17.52	16.73	23.05	30.00
2437MHz	Pass	4.24	18.20	18.46	18.92	17.96	24.42	30.00
2447MHz	Pass	4.24	16.10	16.61	16.92	16.07	22.46	30.00
2452MHz	Pass	4.24	15.15	15.86	15.91	15.21	21.57	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.19	0.20845
802.11g_Nss1,(6Mbps)_2TX	23.48	0.22284
802.11ax HEW20_Nss1,(MCS0)_2TX	22.64	0.18365
802.11ax HEW40_Nss1,(MCS0)_2TX	20.12	0.10280

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.29	19.56	19.57	22.58	30.00
2417MHz	Pass	4.29	19.90	19.88	22.90	30.00
2437MHz	Pass	4.29	20.16	20.20	23.19	30.00
2457MHz	Pass	4.29	19.25	19.34	22.31	30.00
2462MHz	Pass	4.29	18.55	18.89	21.73	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.29	16.96	16.97	19.98	30.00
2417MHz	Pass	4.29	17.36	17.50	20.44	30.00
2437MHz	Pass	4.29	20.41	20.53	23.48	30.00
2457MHz	Pass	4.29	16.69	16.86	19.79	30.00
2462MHz	Pass	4.29	14.50	14.50	17.51	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.29	16.49	16.47	19.49	30.00
2417MHz	Pass	4.29	17.42	17.86	20.66	30.00
2437MHz	Pass	4.29	19.60	19.65	22.64	30.00
2457MHz	Pass	4.29	17.09	17.02	20.07	30.00
2462MHz	Pass	4.29	14.63	14.47	17.56	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.29	15.80	15.79	18.81	30.00
2427MHz	Pass	4.29	17.12	17.10	20.12	30.00
2437MHz	Pass	4.29	16.63	16.47	19.56	30.00
2447MHz	Pass	4.29	15.84	15.82	18.84	30.00
2452MHz	Pass	4.29	15.24	15.23	18.25	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.16	0.32810
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.24	0.21086

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.42	16.21	16.54	16.84	16.17	22.47	30.00
2417MHz	Pass	5.42	16.56	16.80	17.16	16.63	22.81	30.00
2437MHz	Pass	5.42	18.90	19.32	19.45	18.85	25.16	30.00
2457MHz	Pass	5.42	17.33	17.72	17.87	17.20	23.56	30.00
2462MHz	Pass	5.42	14.72	15.10	15.17	14.50	20.90	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.42	15.98	16.38	16.71	15.61	22.21	30.00
2427MHz	Pass	5.42	15.58	15.87	16.34	15.55	21.87	30.00
2437MHz	Pass	5.42	17.02	17.28	17.74	16.78	23.24	30.00
2447MHz	Pass	5.42	14.92	15.43	15.74	14.89	21.28	30.00
2452MHz	Pass	5.42	13.97	14.68	14.73	14.03	20.39	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.76
802.11g_Nss1,(6Mbps)_4TX	-0.73
802.11ax HEW20_Nss1,(MCS0)_4TX	-2.78
802.11ax HEW40_Nss1,(MCS0)_4TX	-6.92

RBW = 3kHz;

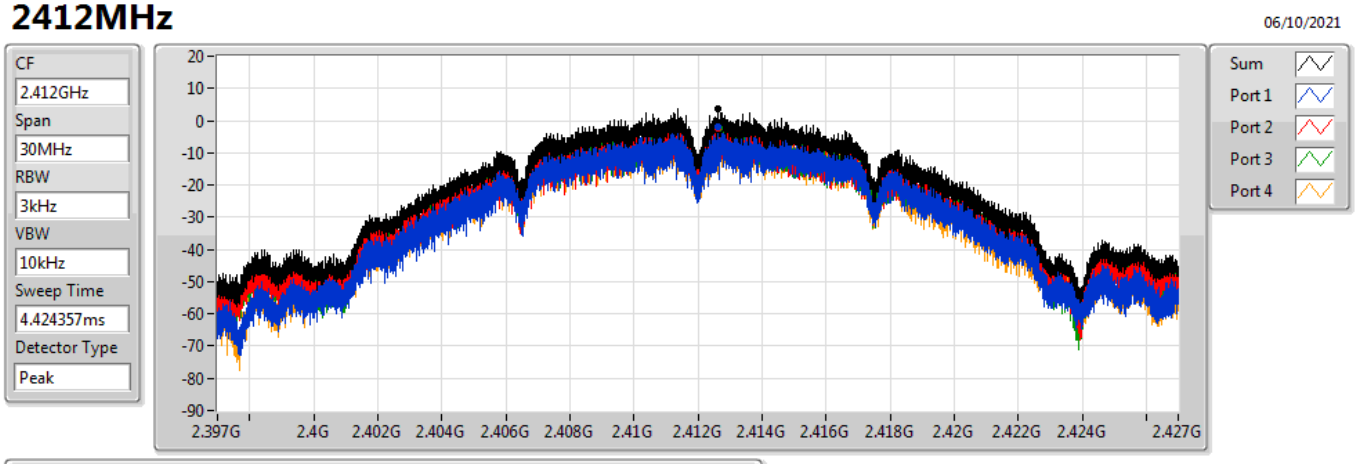
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.42	-1.93	-2.38	-2.44	-1.76	3.62	8.00
2437MHz	Pass	5.42	0.01	-1.75	-2.29	-1.12	3.76	8.00
2462MHz	Pass	5.42	-4.46	-3.80	-0.01	-1.48	2.78	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.42	-11.35	-9.00	-11.13	-9.93	-5.49	8.00
2437MHz	Pass	5.42	-5.76	-4.53	-5.45	-4.90	-0.73	8.00
2462MHz	Pass	5.42	-10.88	-9.21	-8.03	-10.71	-5.59	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.42	-9.13	-8.91	-8.78	-9.71	-4.99	8.00
2437MHz	Pass	5.42	-6.70	-5.60	-5.61	-5.77	-2.78	8.00
2462MHz	Pass	5.42	-10.21	-10.62	-10.80	-11.02	-6.84	8.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.42	-12.03	-11.40	-11.07	-10.56	-7.57	8.00
2437MHz	Pass	5.42	-11.40	-10.48	-9.55	-11.26	-6.92	8.00
2452MHz	Pass	5.42	-13.15	-13.42	-12.68	-13.91	-10.00	8.00

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

802.11b_Nss1,(1Mbps)_4TX PSD

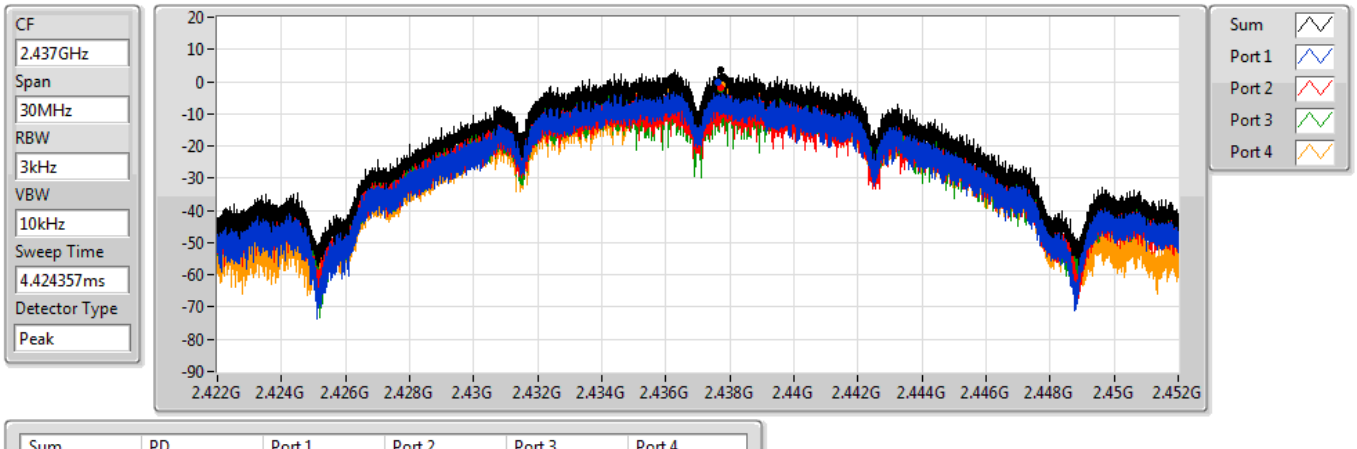
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	-1.93	-2.38	-2.44	-1.76

802.11b_Nss1,(1Mbps)_4TX PSD

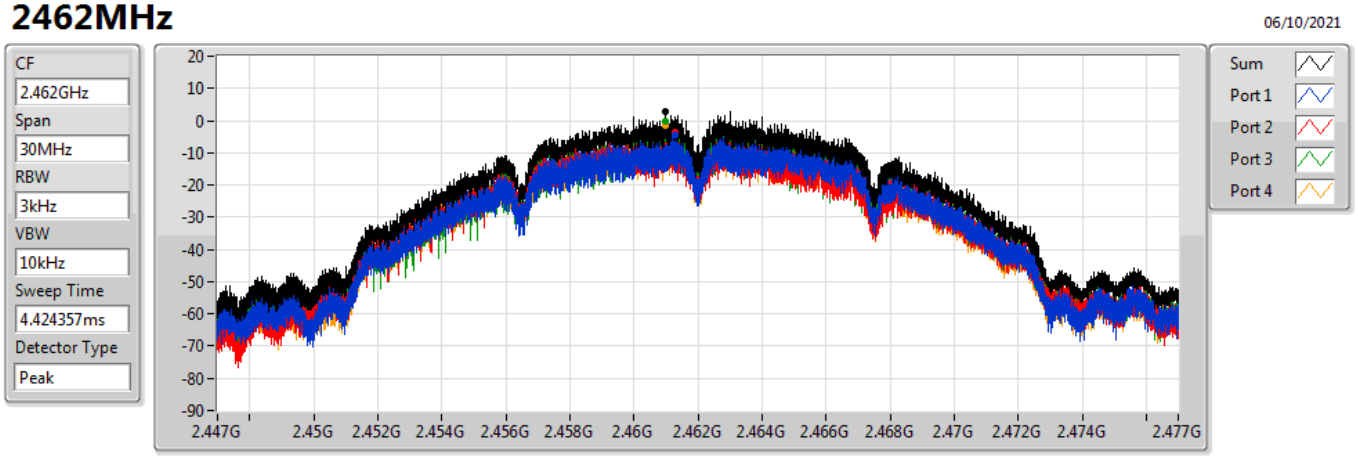
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.76	3.76	0.01	-1.75	-2.29	-1.12

802.11b_Nss1,(1Mbps)_4TX PSD

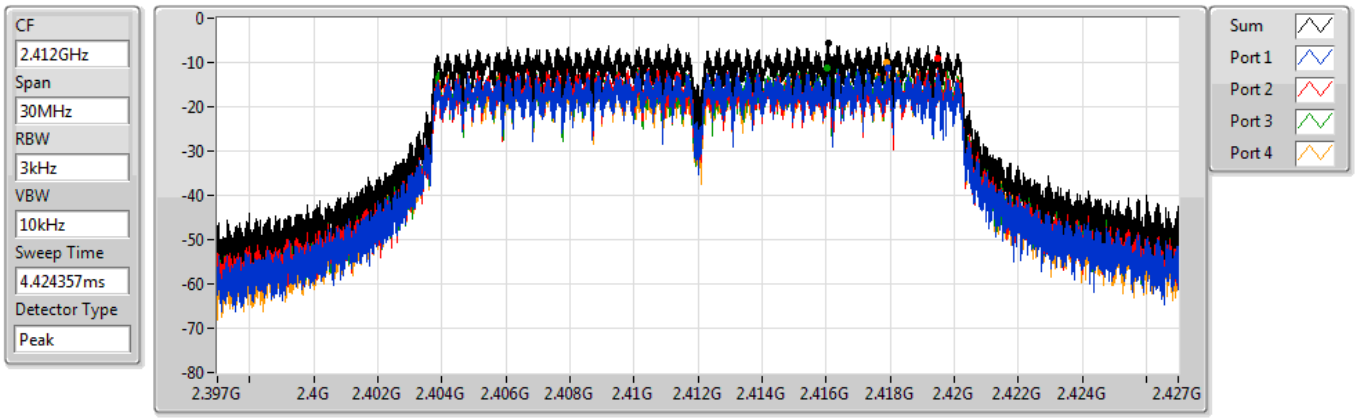
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-4.46	-3.80	-0.01	-1.48

802.11g_Nss1,(6Mbps)_4TX PSD

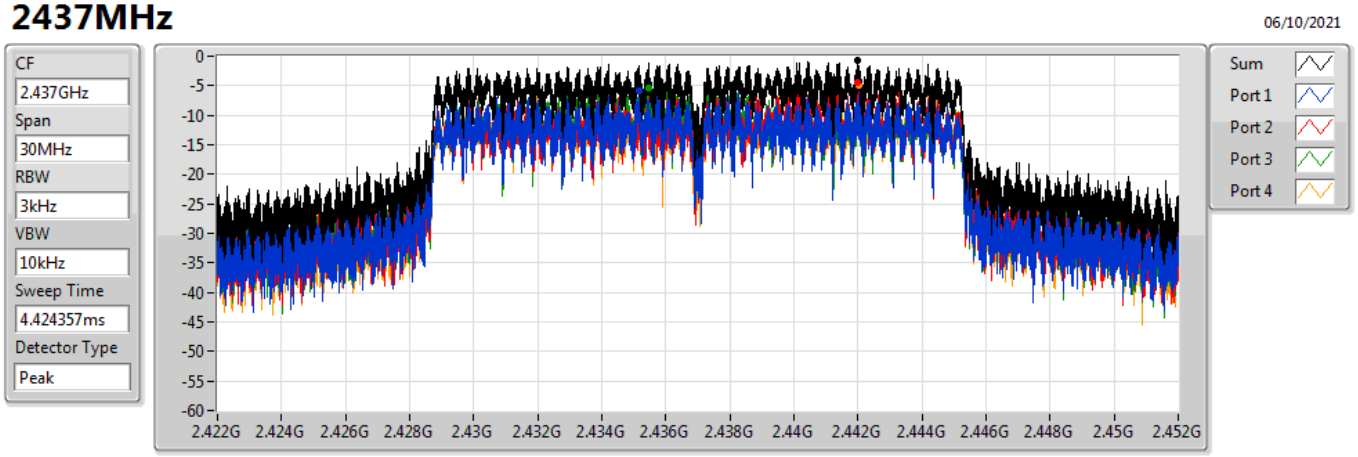
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.49	-5.49	-11.35	-9.00	-11.13	-9.93

802.11g_Nss1,(6Mbps)_4TX PSD

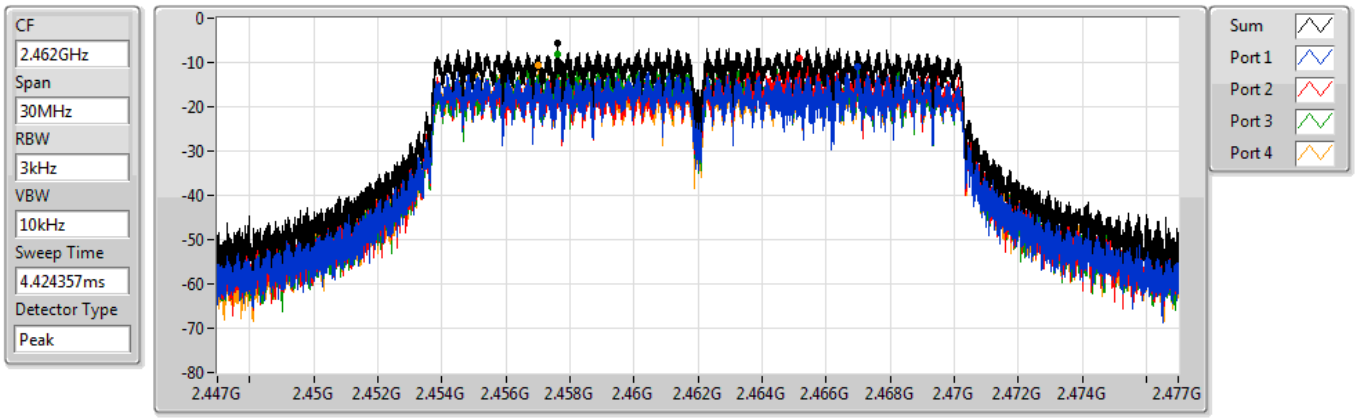
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-5.76	-4.53	-5.45	-4.90

802.11g_Nss1,(6Mbps)_4TX PSD

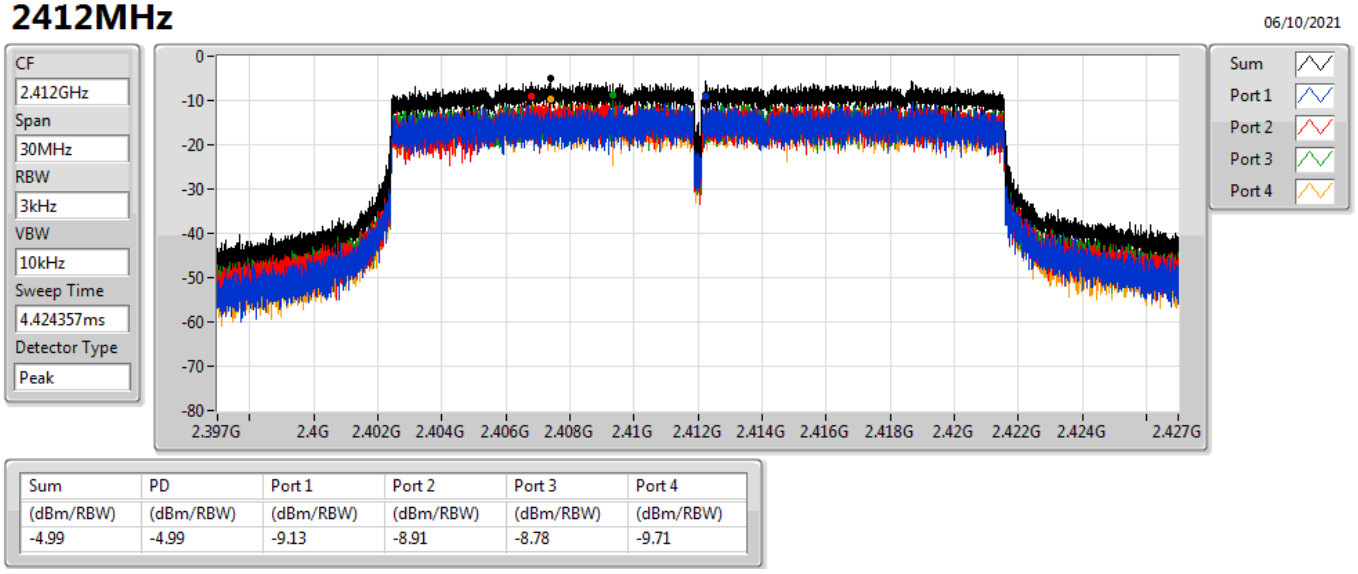
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.59	-5.59	-10.88	-9.21	-8.03	-10.71

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

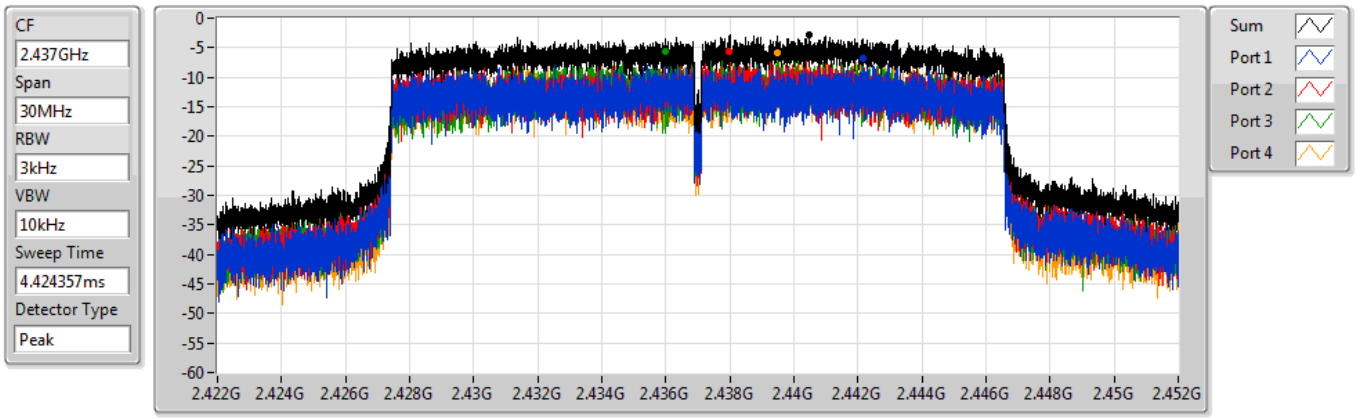
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.99	-4.99	-9.13	-8.91	-8.78	-9.71

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

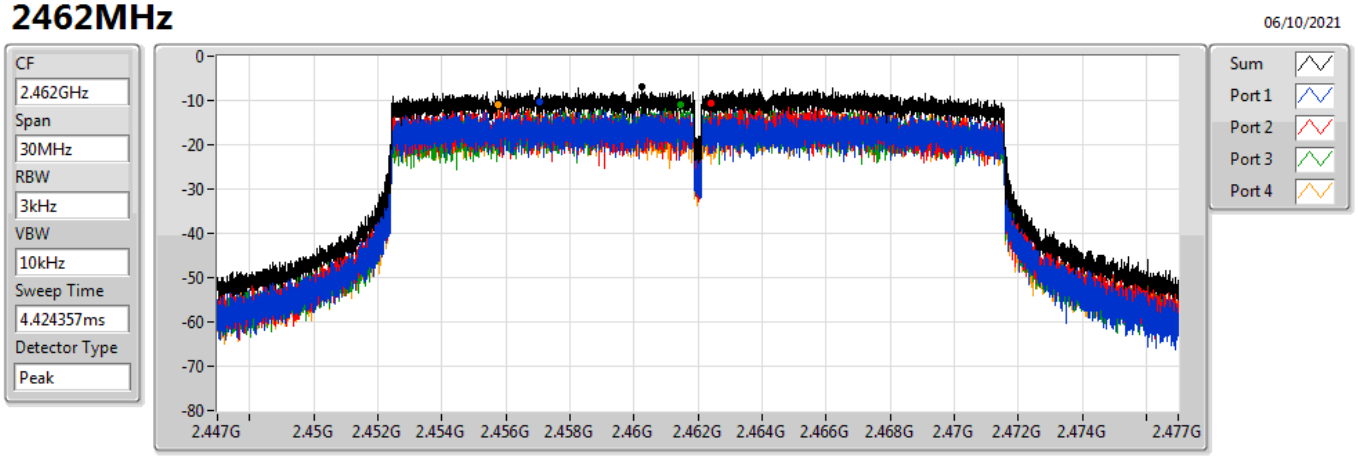
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-6.70	-5.60	-5.61	-5.77

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

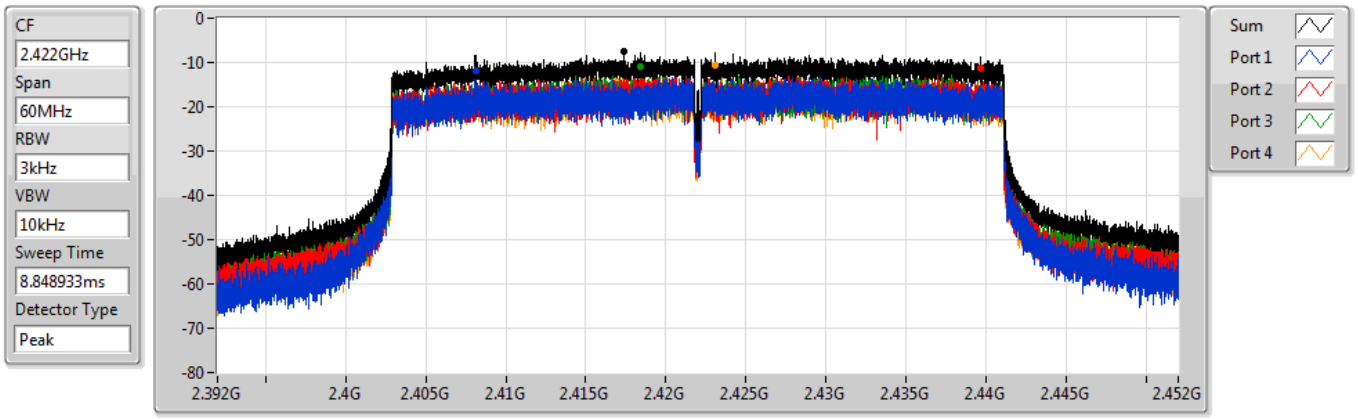
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.84	-6.84	-10.21	-10.62	-10.80	-11.02

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

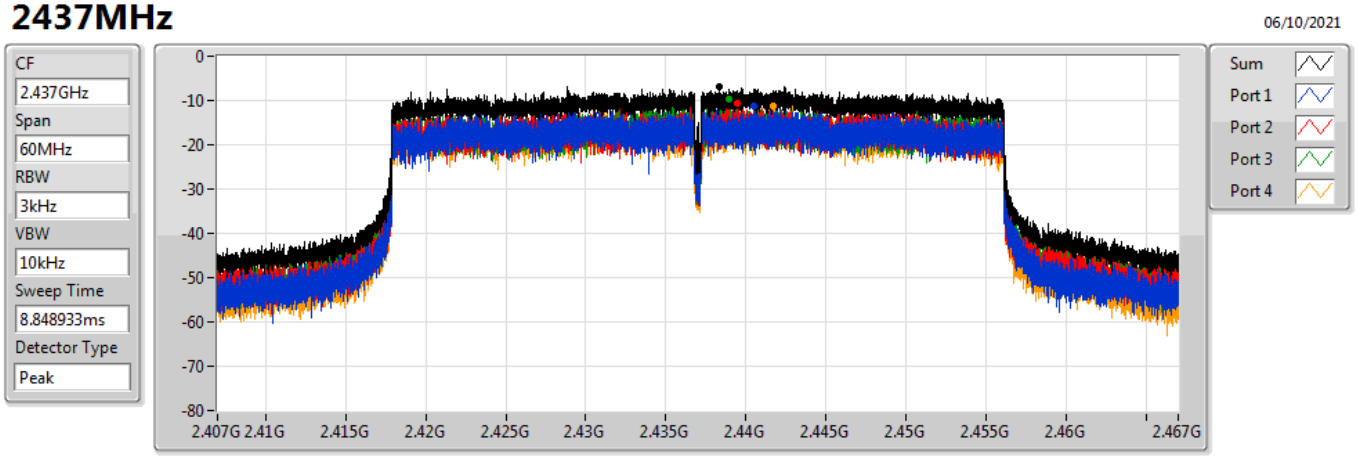
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.57	-7.57	-12.03	-11.40	-11.07	-10.56

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

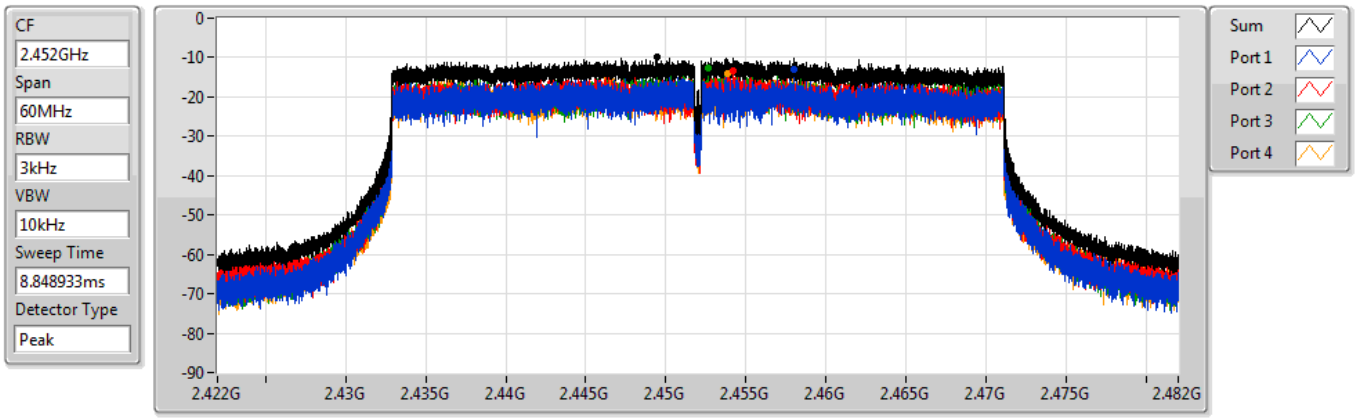
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.92	-6.92	-11.40	-10.48	-9.55	-11.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.00	-10.00	-13.15	-13.42	-12.68	-13.91

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.04
802.11g_Nss1,(6Mbps)_2TX	-4.20
802.11ax HEW20_Nss1,(MCS0)_2TX	-5.52
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.74

RBW = 3kHz;

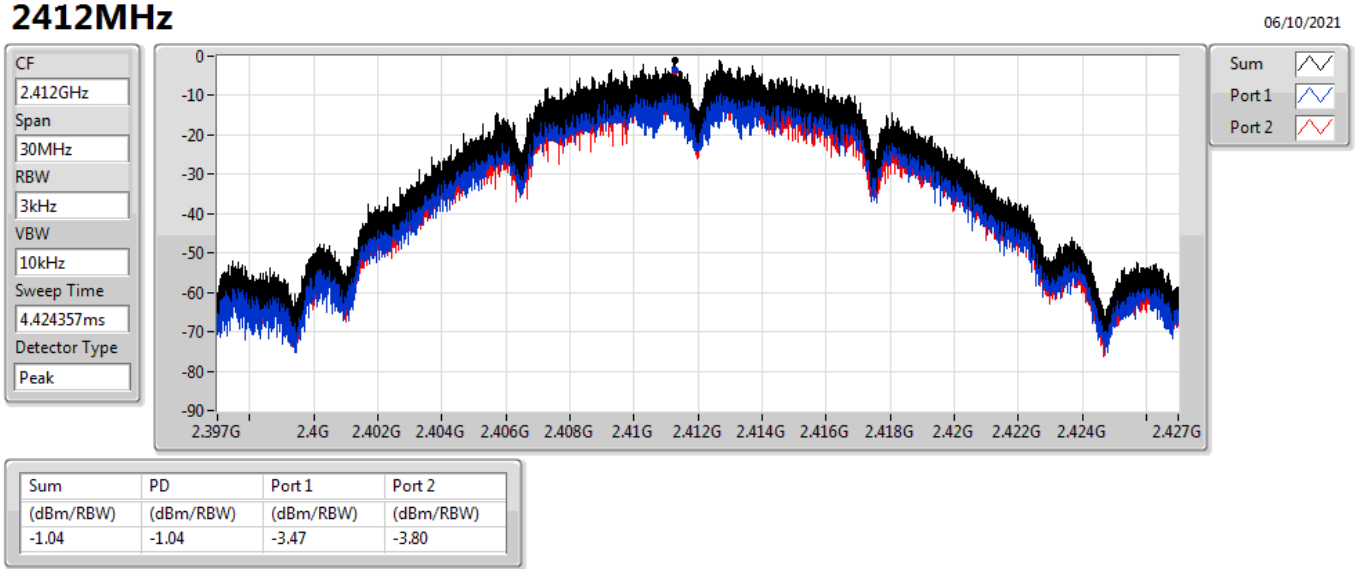
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.27	-3.47	-3.80	-1.04	6.73
2437MHz	Pass	7.27	-3.96	-4.28	-1.19	6.73
2462MHz	Pass	7.27	-5.37	-3.83	-2.11	6.73
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.27	-11.27	-9.98	-8.82	6.73
2437MHz	Pass	7.27	-6.14	-5.56	-4.20	6.73
2462MHz	Pass	7.27	-13.84	-13.24	-11.08	6.73
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.27	-10.71	-10.47	-9.31	6.73
2437MHz	Pass	7.27	-6.92	-6.13	-5.52	6.73
2462MHz	Pass	7.27	-12.30	-12.10	-10.07	6.73
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.27	-13.43	-13.04	-11.57	6.73
2437MHz	Pass	7.27	-12.80	-11.95	-10.74	6.73
2452MHz	Pass	7.27	-13.10	-13.44	-11.93	6.73

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

802.11b_Nss1,(1Mbps)_2TX PSD

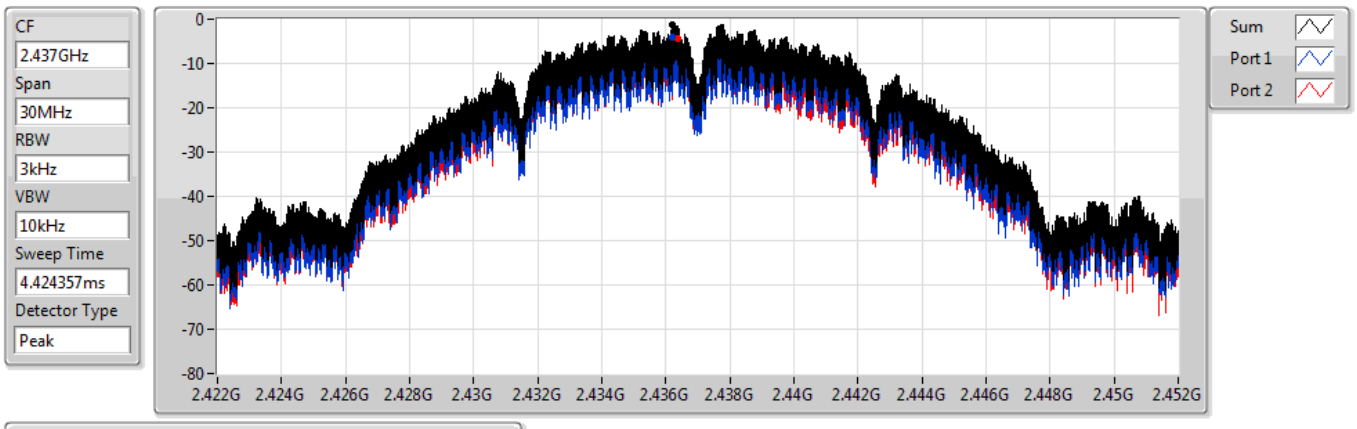
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.04	-1.04	-3.47	-3.80

802.11b_Nss1,(1Mbps)_2TX PSD

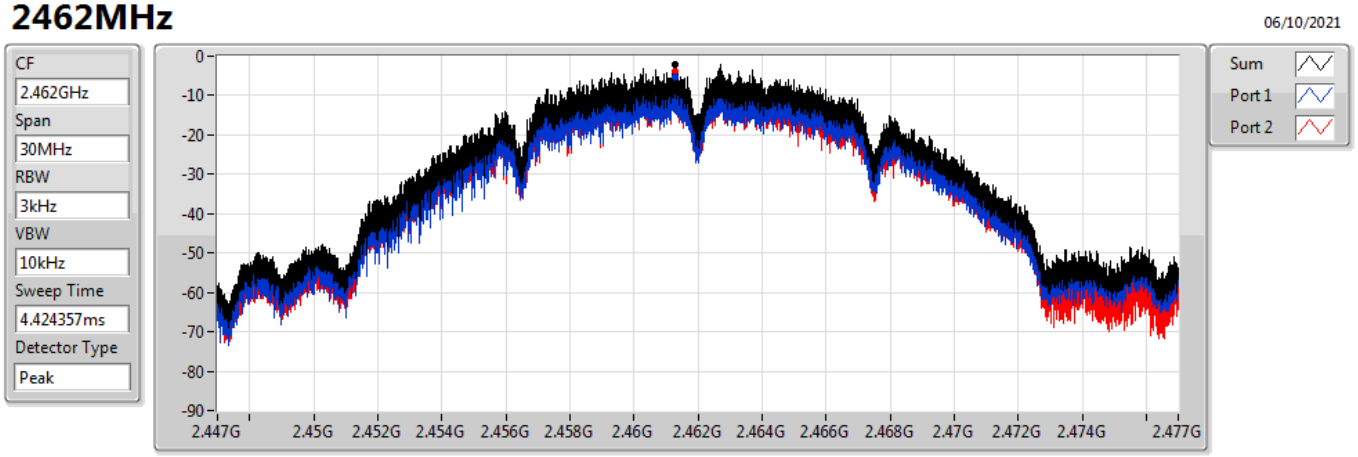
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-3.96	-4.28

802.11b_Nss1,(1Mbps)_2TX PSD

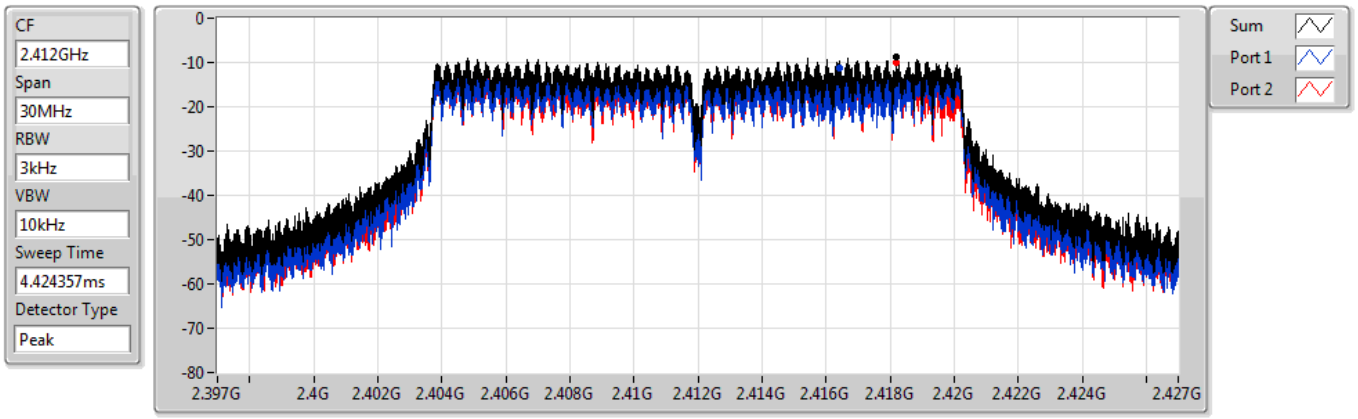
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.11	-2.11	-5.37	-3.83

802.11g_Nss1,(6Mbps)_2TX PSD

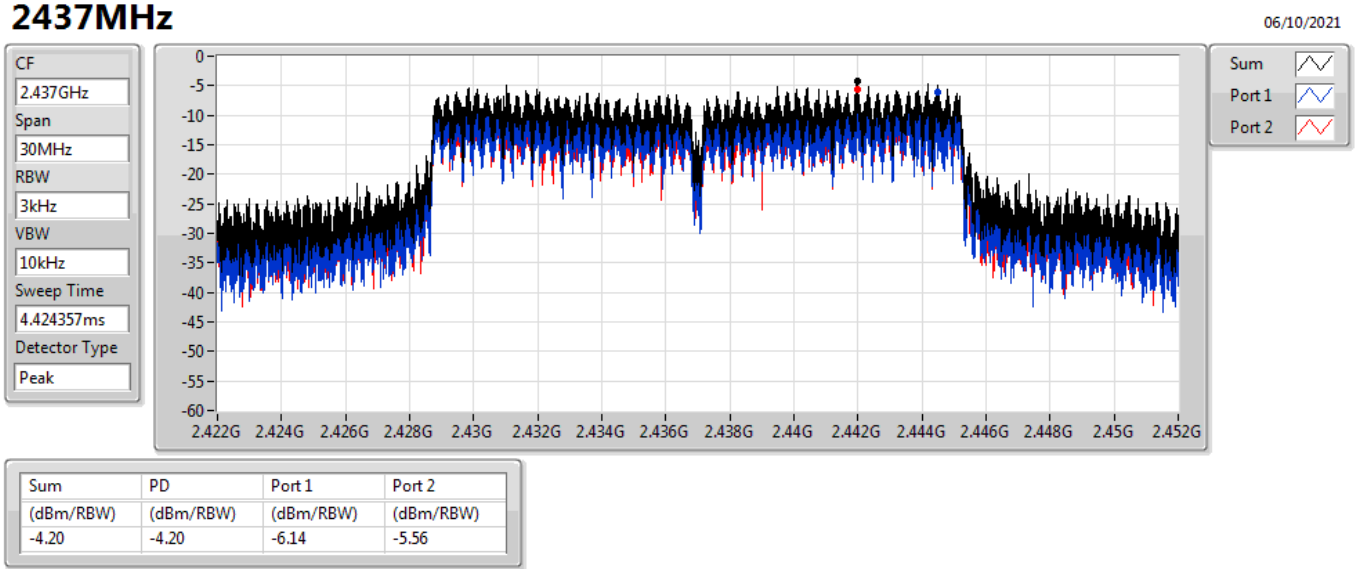
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.82	-8.82	-11.27	-9.98

802.11g_Nss1,(6Mbps)_2TX PSD

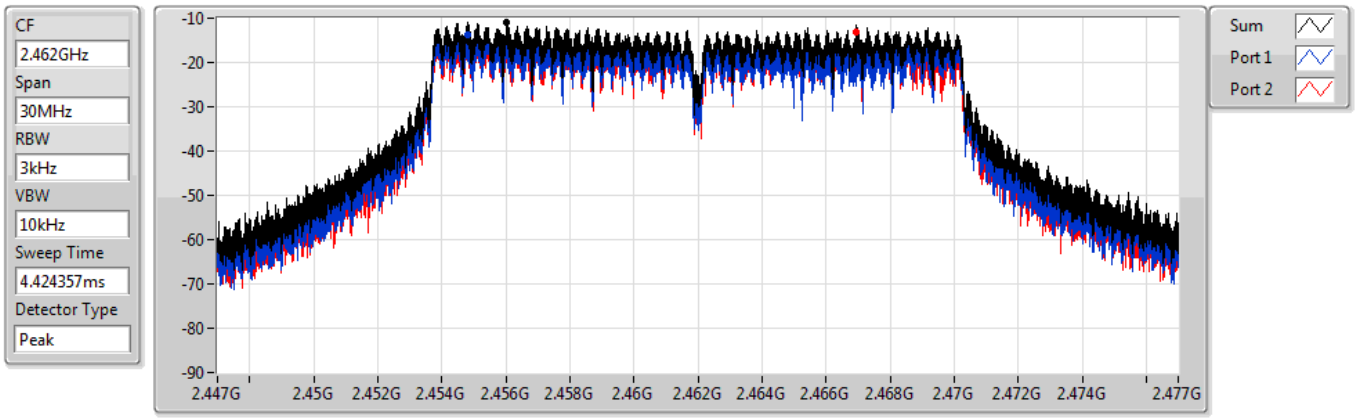
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-6.14	-5.56

802.11g_Nss1,(6Mbps)_2TX PSD

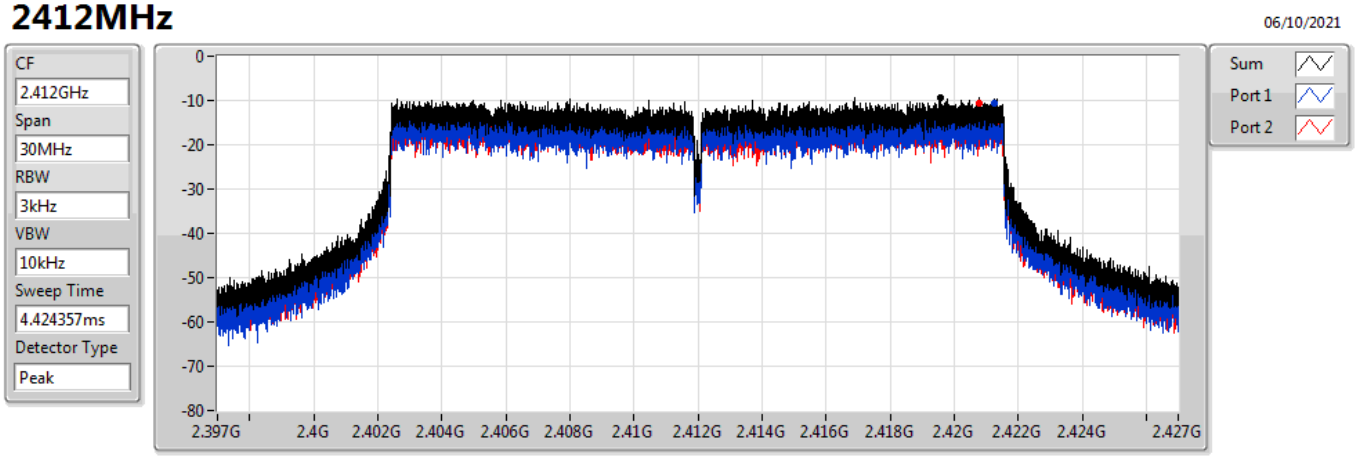
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.08	-11.08	-13.84	-13.24

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

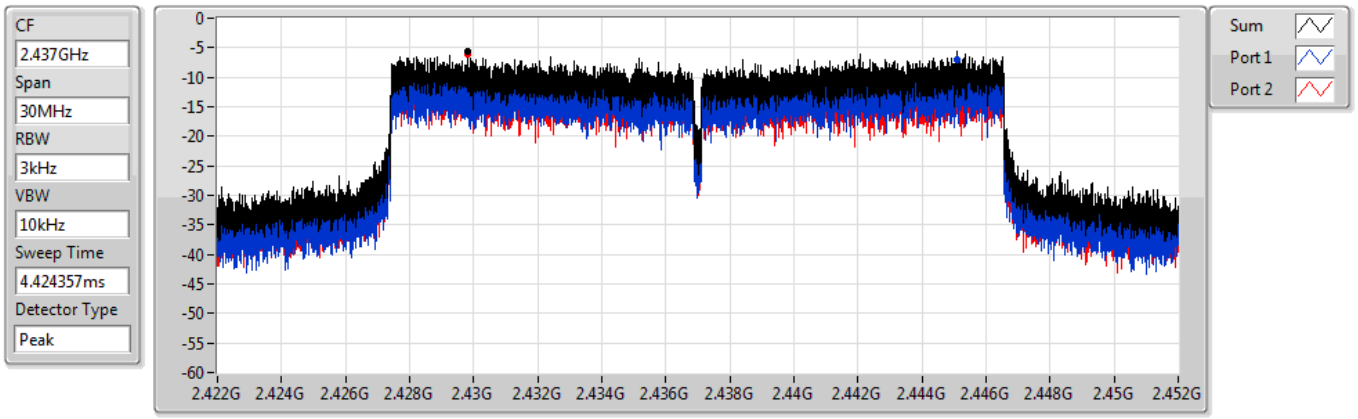
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.31	-9.31	-10.71	-10.47

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

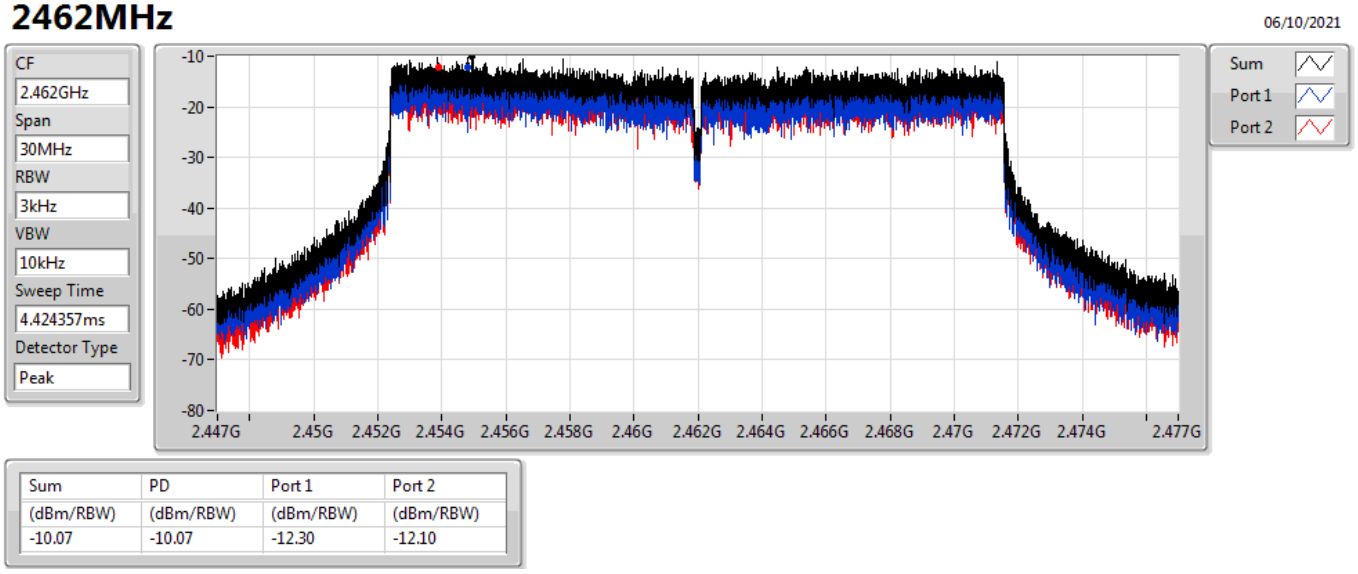
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.52	-5.52	-6.92	-6.13

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

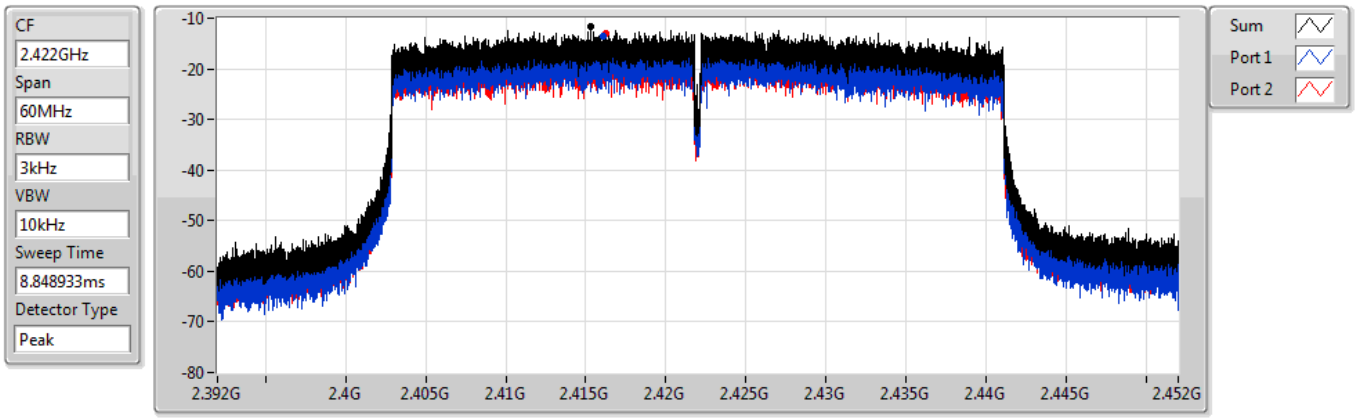
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.07	-10.07	-12.30	-12.10

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

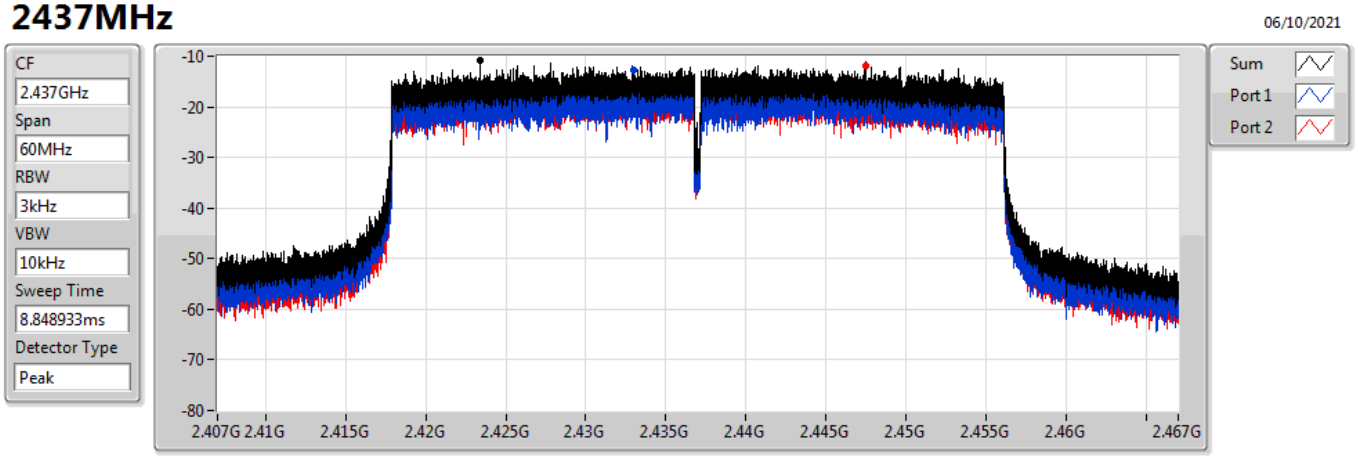
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.57	-11.57	-13.43	-13.04

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

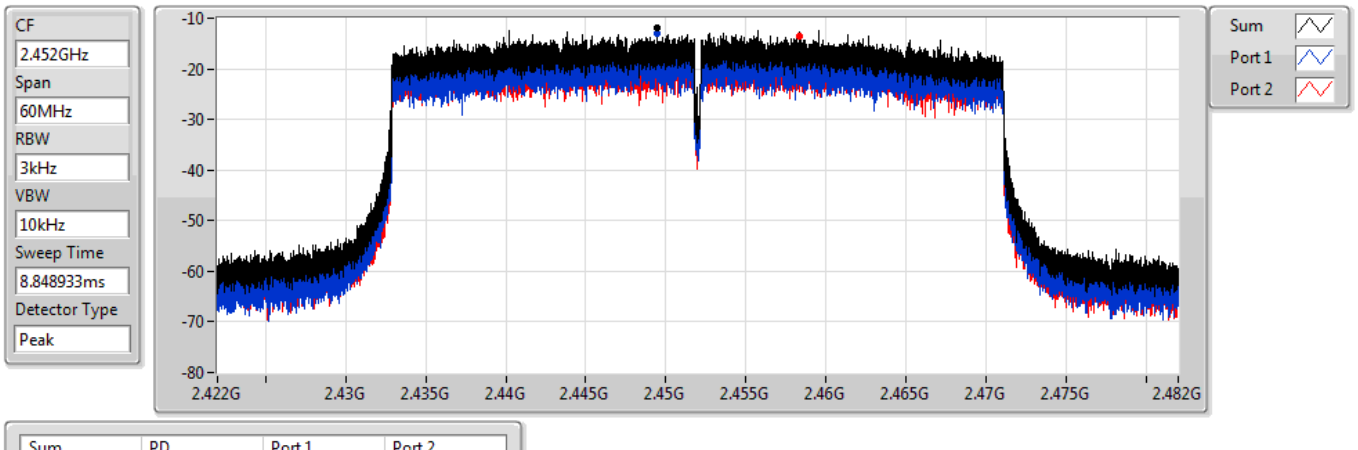
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.74	-10.74	-12.80	-11.95

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.93	-11.93	-13.10	-13.44

Summary

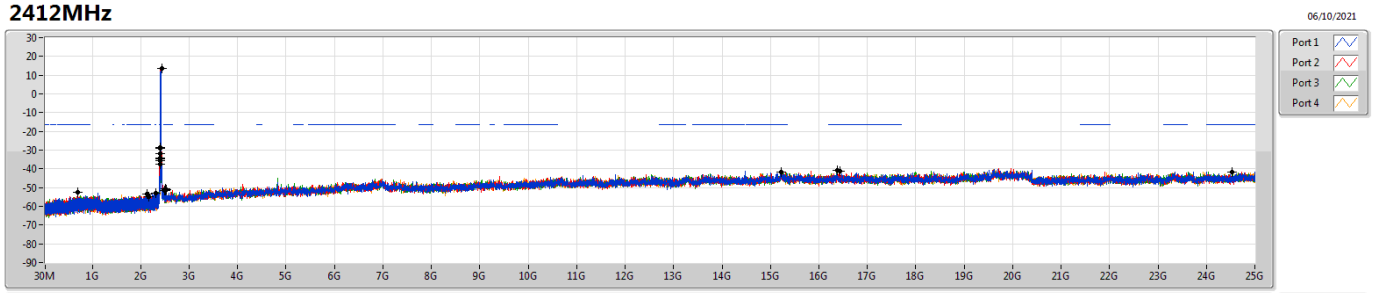
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	13.72	-16.28	2.30728G	-53.13	2.3995G	-28.45	2.4G	-31.75	2.484G	-51.58	16.38026G	-40.67	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	12.27	-17.73	1.90274G	-53.94	2.39996G	-29.35	2.4G	-31.26	2.4891G	-50.71	15.24801G	-40.81	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.4395G	9.73	-20.27	2.30204G	-53.81	2.39964G	-24.91	2.4G	-24.44	2.48968G	-51.16	24.83143G	-40.81	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.44075G	5.15	-24.85	2.11734G	-54.41	2.39988G	-30.57	2.4G	-33.17	2.48698G	-48.37	15.20366G	-41.63	3

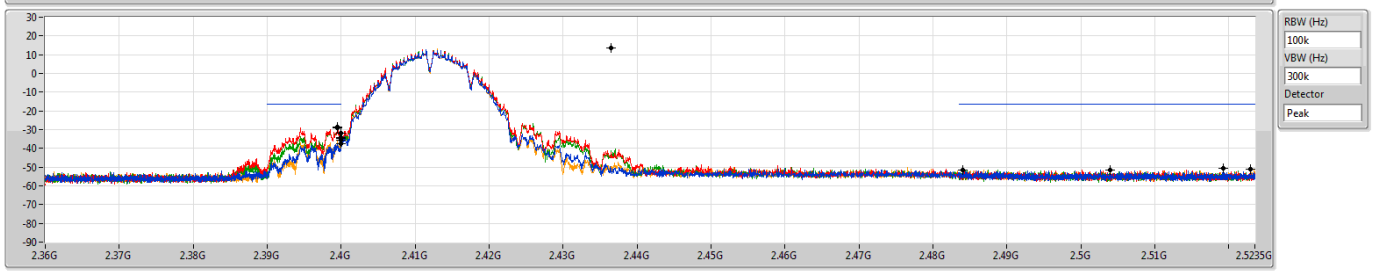
Result

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)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	13.72	-16.28	697.84M	-52.32	2.4G	-37.49	2.4G	-37.50	2.51924G	-50.83	16.43083G	-41.36	1
2412MHz	Pass	2.43649G	13.72	-16.28	2.30728G	-53.13	2.3995G	-28.45	2.4G	-31.75	2.484G	-51.58	16.38026G	-40.67	2
2412MHz	Pass	2.43649G	13.72	-16.28	2.12147G	-53.58	2.3995G	-29.10	2.4G	-34.59	2.52296G	-51.25	24.53642G	-41.81	3
2412MHz	Pass	2.43649G	13.72	-16.28	2.1736G	-54.67	2.39998G	-35.72	2.4G	-34.35	2.50398G	-51.49	15.21429G	-41.72	4
2437MHz	Pass	2.43649G	13.72	-16.28	2.11506G	-53.83	2.397G	-48.00	2.4835G	-50.71	2.48414G	-48.95	14.62148G	-41.03	1
2437MHz	Pass	2.43649G	13.72	-16.28	776.77M	-53.22	2.39938G	-48.19	2.4835G	-51.73	2.48386G	-50.46	14.62148G	-39.05	2
2437MHz	Pass	2.43649G	13.72	-16.28	1.65401G	-53.52	2.39948G	-45.88	2.4G	-52.53	2.48408G	-49.00	14.62148G	-38.72	3
2437MHz	Pass	2.43649G	13.72	-16.28	2.12525G	-53.95	2.39912G	-49.18	2.4G	-54.02	2.49576G	-51.38	14.62148G	-38.97	4
2462MHz	Pass	2.43649G	13.72	-16.28	1.95487G	-53.41	2.39182G	-52.09	2.4835G	-53.37	2.51448G	-51.03	16.29036G	-41.33	1
2462MHz	Pass	2.43649G	13.72	-16.28	2.08273G	-54.38	2.3908G	-52.06	2.4835G	-48.63	2.48394G	-49.81	16.54603G	-41.17	2
2462MHz	Pass	2.43649G	13.72	-16.28	2.00555G	-53.97	2.39622G	-52.66	2.4835G	-48.69	2.4835G	-49.29	15.23396G	-41.04	3
2462MHz	Pass	2.43649G	13.72	-16.28	806.47M	-53.65	2.39896G	-51.38	2.4835G	-52.36	2.48394G	-50.60	15.22834G	-41.22	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	12.27	-17.73	2.08623G	-54.16	2.39998G	-32.23	2.4G	-33.07	2.49192G	-51.12	16.95622G	-41.17	1
2412MHz	Pass	2.442G	12.27	-17.73	1.90274G	-53.94	2.39996G	-29.35	2.4G	-31.26	2.4891G	-50.71	15.24801G	-40.81	2
2412MHz	Pass	2.442G	12.27	-17.73	1.91293G	-54.27	2.39976G	-29.58	2.4G	-30.30	2.48974G	-51.31	16.68931G	-41.62	3
2412MHz	Pass	2.442G	12.27	-17.73	2.11302G	-53.66	2.4G	-31.46	2.4G	-31.69	2.49584G	-51.40	24.78928G	-41.46	4
2437MHz	Pass	2.442G	12.27	-17.73	2.30292G	-53.95	2.39702G	-35.27	2.4G	-39.66	2.48384G	-43.13	24.78366G	-40.91	1
2437MHz	Pass	2.442G	12.27	-17.73	2.06438G	-53.95	2.39702G	-33.00	2.4G	-36.50	2.4851G	-41.66	24.73028G	-40.65	2
2437MHz	Pass	2.442G	12.27	-17.73	1.97002G	-54.42	2.39702G	-35.21	2.4G	-38.86	2.48392G	-42.54	15.29858G	-41.96	3
2437MHz	Pass	2.442G	12.27	-17.73	2.06526G	-53.67	2.39888G	-37.64	2.4G	-39.40	2.48452G	-43.01	24.78366G	-41.40	4
2462MHz	Pass	2.442G	12.27	-17.73	1.96973G	-53.57	2.39674G	-52.69	2.4835G	-46.50	2.4838G	-46.26	15.23396G	-41.02	1
2462MHz	Pass	2.442G	12.27	-17.73	2.08098G	-53.94	2.3956G	-52.28	2.4835G	-45.49	2.48384G	-42.79	15.21991G	-41.62	2
2462MHz	Pass	2.442G	12.27	-17.73	2.01953G	-53.06	2.3911G	-52.83	2.4835G	-46.49	2.48388G	-44.16	15.21429G	-40.60	3
2462MHz	Pass	2.442G	12.27	-17.73	2.30991G	-54.05	2.4G	-53.16	2.4835G	-47.01	2.48364G	-46.21	15.24801G	-41.00	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	9.73	-20.27	2.06263G	-53.81	2.39856G	-28.16	2.4G	-26.88	2.48722G	-50.99	15.17777G	-41.82	1
2412MHz	Pass	2.4395G	9.73	-20.27	2.12176G	-53.90	2.39998G	-24.58	2.4G	-28.25	2.48484G	-51.32	15.20587G	-41.53	2
2412MHz	Pass	2.4395G	9.73	-20.27	2.30204G	-53.81	2.39964G	-24.91	2.4G	-24.44	2.48968G	-51.16	24.83143G	-40.81	3
2412MHz	Pass	2.4395G	9.73	-20.27	2.10224G	-53.91	2.39972G	-27.58	2.4G	-30.60	2.49022G	-50.99	24.90447G	-40.53	4
2437MHz	Pass	2.4395G	9.73	-20.27	2.11652G	-53.78	2.39988G	-38.24	2.4G	-42.42	2.48496G	-47.57	15.20587G	-40.60	1
2437MHz	Pass	2.4395G	9.73	-20.27	2.06496G	-53.85	2.39886G	-38.37	2.4G	-39.54	2.48516G	-46.68	24.74433G	-41.17	2
2437MHz	Pass	2.4395G	9.73	-20.27	2.19137G	-54.24	2.39936G	-40.97	2.4G	-42.03	2.48462G	-47.74	15.20587G	-41.65	3
2437MHz	Pass	2.4395G	9.73	-20.27	2.30612G	-52.12	2.39986G	-42.55	2.4G	-44.10	2.48922G	-48.97	16.90284G	-41.53	4
2462MHz	Pass	2.4395G	9.73	-20.27	1.93215G	-53.75	2.39442G	-52.52	2.4835G	-45.60	2.48386G	-45.82	15.22272G	-41.82	1
2462MHz	Pass	2.4395G	9.73	-20.27	2.17098G	-53.80	2.39266G	-52.43	2.4835G	-44.36	2.48362G	-43.50	23.31988G	-41.08	2
2462MHz	Pass	2.4395G	9.73	-20.27	2.14215G	-52.33	2.39172G	-52.51	2.4835G	-48.37	2.48364G	-45.90	17.53499G	-41.12	3
2462MHz	Pass	2.4395G	9.73	-20.27	2.30437G	-53.00	2.39708G	-52.32	2.4835G	-44.97	2.4837G	-46.29	24.75276G	-40.62	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.15	-24.85	2.30626G	-54.09	2.39992G	-32.73	2.4G	-33.72	2.48894G	-50.44	17.11357G	-41.02	1
2422MHz	Pass	2.44075G	5.15	-24.85	2.01743G	-54.34	2.3994G	-32.10	2.4G	-32.42	2.48374G	-47.68	15.21208G	-41.58	2
2422MHz	Pass	2.44075G	5.15	-24.85	2.11734G	-54.41	2.39988G	-30.57	2.4G	-33.17	2.48698G	-48.37	15.20366G	-41.63	3
2422MHz	Pass	2.44075G	5.15	-24.85	1.9307G	-53.95	2.39936G	-33.19	2.4G	-35.20	2.48598G	-50.35	24.92147G	-41.55	4
2437MHz	Pass	2.44075G	5.15	-24.85	32M	-53.18	2.39948G	-35.52	2.4G	-38.07	2.48382G	-40.45	15.20086G	-41.34	1
2437MHz	Pass	2.44075G	5.15	-24.85	862.7M	-53.85	2.39772G	-30.99	2.4G	-31.46	2.48394G	-39.64	15.2289G	-40.34	2
2437MHz	Pass	2.44075G	5.15	-24.85	2.12335G	-53.95	2.3998G	-33.84	2.4G	-36.44	2.48358G	-38.20	15.20927G	-41.33	3
2437MHz	Pass	2.44075G	5.15	-24.85	1.9682G	-53.57	2.39932G	-36.91	2.4G	-36.71	2.48362G	-41.71	15.2289G	-40.50	4
2452MHz	Pass	2.44075G	5.15	-24.85	1.9702G	-53.33	2.3976G	-52.16	2.4835G	-48.82	2.4835G	-47.33	15.2233G	-41.16	1
2452MHz	Pass	2.44075G	5.15	-24.85	2.10274G	-53.98	2.39984G	-50.43	2.4835G	-48.36	2.4835G	-41.77	15.21769G	-41.57	2
2452MHz	Pass	2.44075G	5.15	-24.85	2.08785G	-53.89	2.39572G	-52.17	2.4835G	-51.56	2.48898G	-47.87	15.24293G	-41.23	3
2452MHz	Pass	2.44075G	5.15	-24.85	2.04749G	-53.63	2.3966G	-51.92	2.4835G	-50.87	2.48422G	-46.58	23.29202G	-40.78	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2412MHz

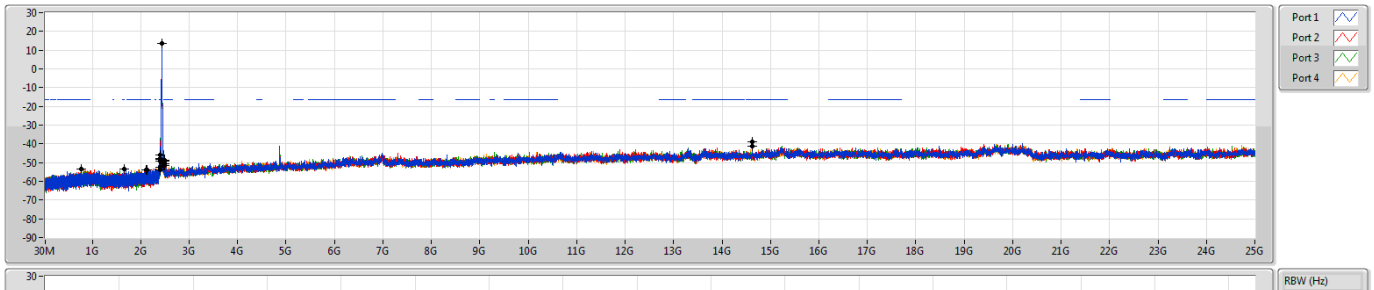


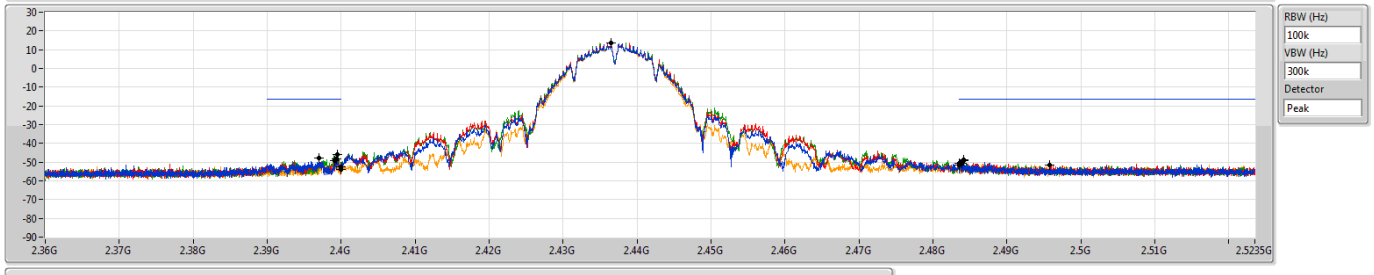


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	13.72	-16.28	697.84M	-52.32	2.4G	-37.49	2.4G	-37.50	2.51924G	-50.83	16.43083G	-41.36	1
2.43649G	13.72	-16.28	2.30728G	-53.13	2.3995G	-28.45	2.4G	-31.75	2.484G	-51.58	16.38026G	-40.67	2
2.43649G	13.72	-16.28	2.12147G	-53.58	2.3995G	-29.10	2.4G	-34.59	2.52296G	-51.25	24.53642G	-41.81	3
2.43649G	13.72	-16.28	2.1736G	-54.67	2.39998G	-35.72	2.4G	-34.35	2.50398G	-51.49	15.21429G	-41.72	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

2437MHz

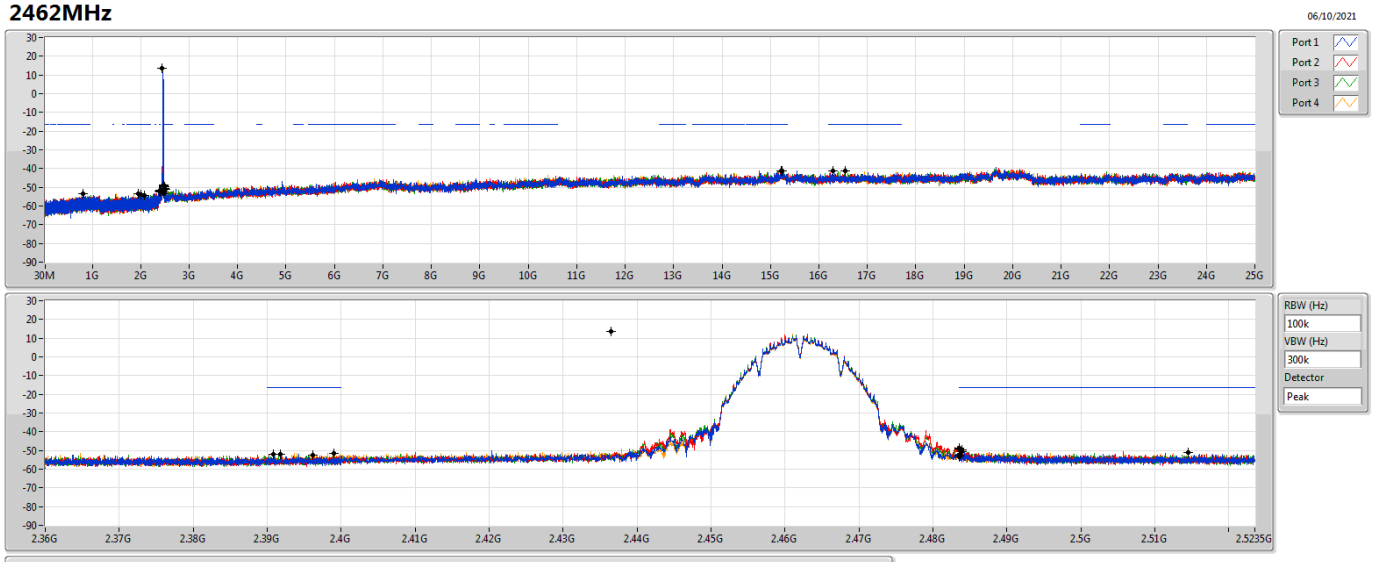




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	13.72	-16.28	2.11506G	-53.83	2.397G	-48.00	2.4835G	-50.71	2.48414G	-48.95	14.62148G	-41.03	1
2.43649G	13.72	-16.28	776.77M	-53.22	2.39938G	-48.19	2.4835G	-51.73	2.48386G	-50.46	14.62148G	-39.05	2
2.43649G	13.72	-16.28	1.65401G	-53.52	2.39948G	-45.88	2.4G	-52.53	2.48408G	-49.00	14.62148G	-38.72	3
2.43649G	13.72	-16.28	2.12525G	-53.95	2.39912G	-49.18	2.4G	-54.02	2.49576G	-51.38	14.62148G	-38.97	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

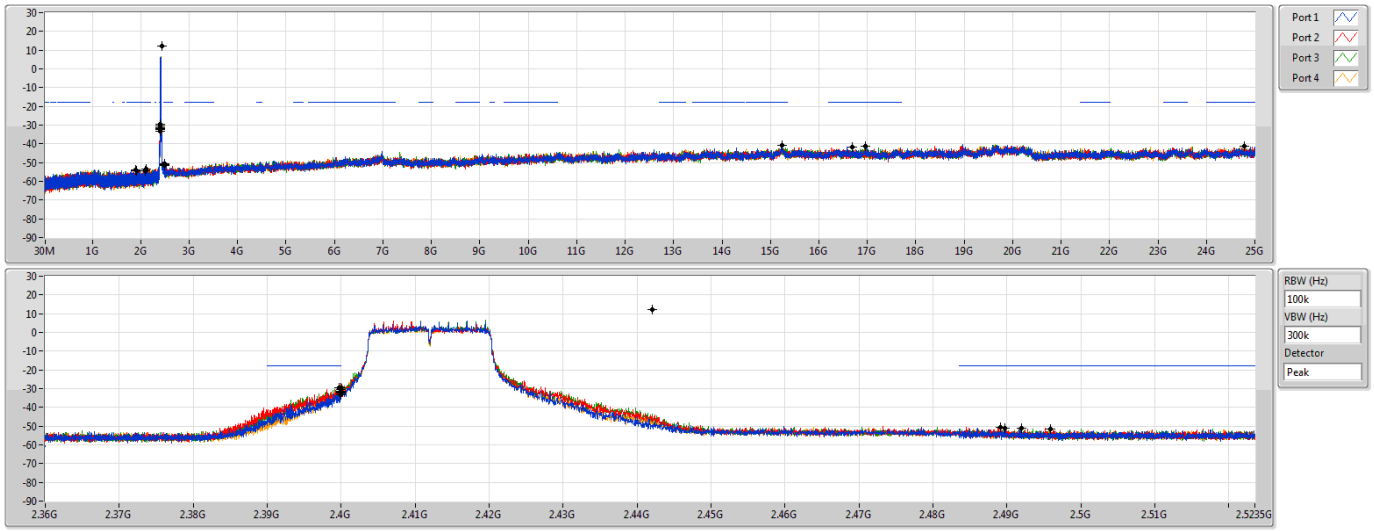
2462MHz



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
2.43649G	13.72	-16.28	1.95487G	-53.41	2.39182G	-52.09	2.4835G	-53.37	2.51448G	-51.03	16.29036G	-41.33	1
2.43649G	13.72	-16.28	2.08273G	-54.38	2.3908G	-52.06	2.4835G	-48.63	2.48394G	-49.81	16.54603G	-41.17	2
2.43649G	13.72	-16.28	2.00555G	-53.97	2.39622G	-52.66	2.4835G	-48.69	2.4835G	-49.29	15.23396G	-41.04	3
2.43649G	13.72	-16.28	806.47M	-53.65	2.39896G	-51.38	2.4835G	-52.36	2.48394G	-50.60	15.22834G	-41.22	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

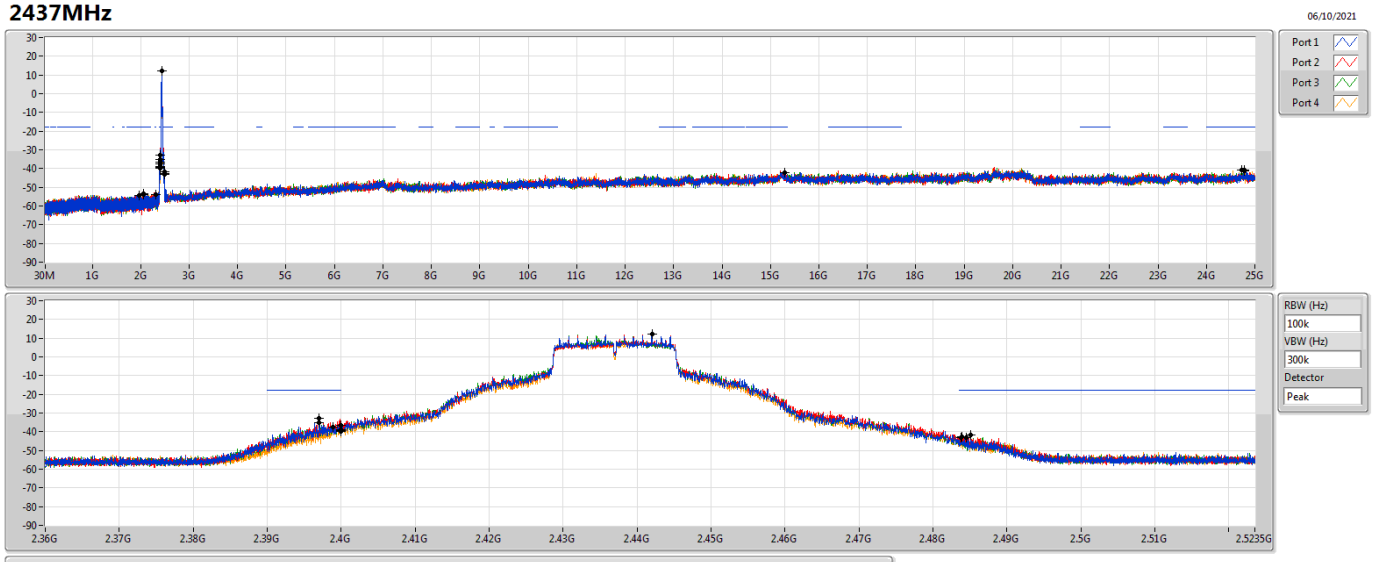
2412MHz



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
2.442G	12.27	-17.73	2.08623G	-54.16	2.39998G	-32.23	2.4G	-33.07	2.49192G	-51.12	16.95622G	-41.17	1
2.442G	12.27	-17.73	1.90274G	-53.94	2.39996G	-29.35	2.4G	-31.26	2.4891G	-50.71	15.24801G	-40.81	2
2.442G	12.27	-17.73	1.91293G	-54.27	2.39976G	-29.58	2.4G	-30.30	2.48974G	-51.31	16.68931G	-41.62	3
2.442G	12.27	-17.73	2.11302G	-53.66	2.4G	-31.46	2.4G	-31.69	2.49584G	-51.40	24.78928G	-41.46	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

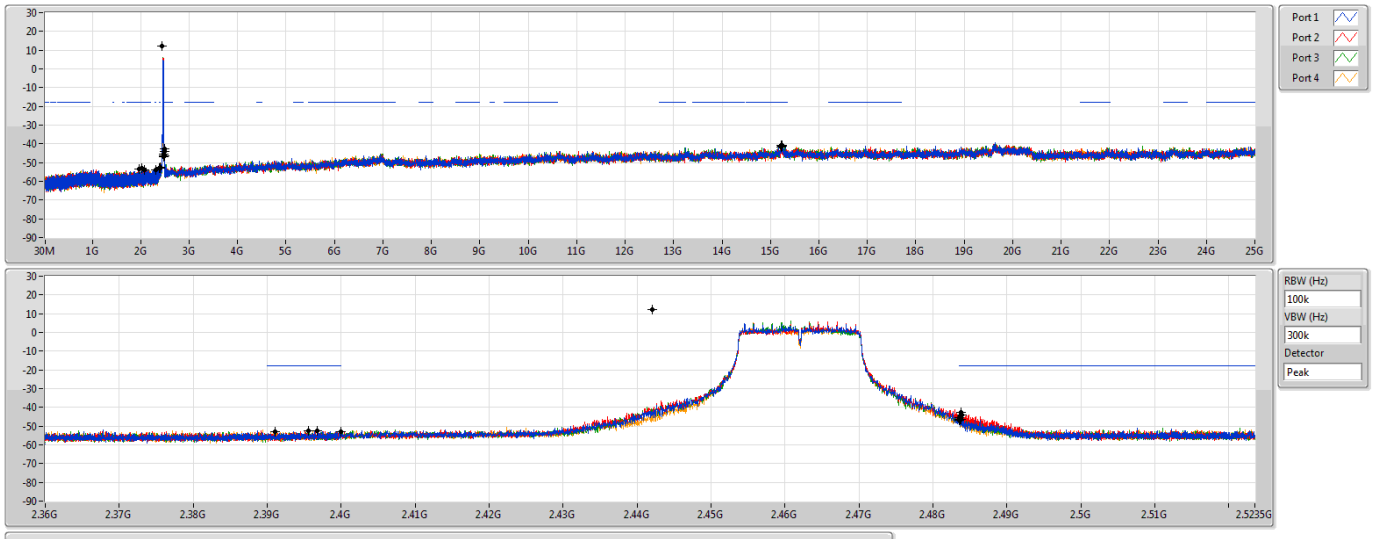
2437MHz



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
2.442G	12.27	-17.73	2.30292G	-53.95	2.39702G	-35.27	2.4G	-39.66	2.48384G	-43.13	24.78366G	-40.91	1
2.442G	12.27	-17.73	2.06438G	-53.95	2.39702G	-33.00	2.4G	-36.50	2.4851G	-41.66	24.73028G	-40.65	2
2.442G	12.27	-17.73	1.97002G	-54.42	2.39702G	-35.21	2.4G	-38.86	2.48392G	-42.54	15.29858G	-41.96	3
2.442G	12.27	-17.73	2.06526G	-53.67	2.39888G	-37.64	2.4G	-39.40	2.48452G	-43.01	24.78366G	-41.40	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

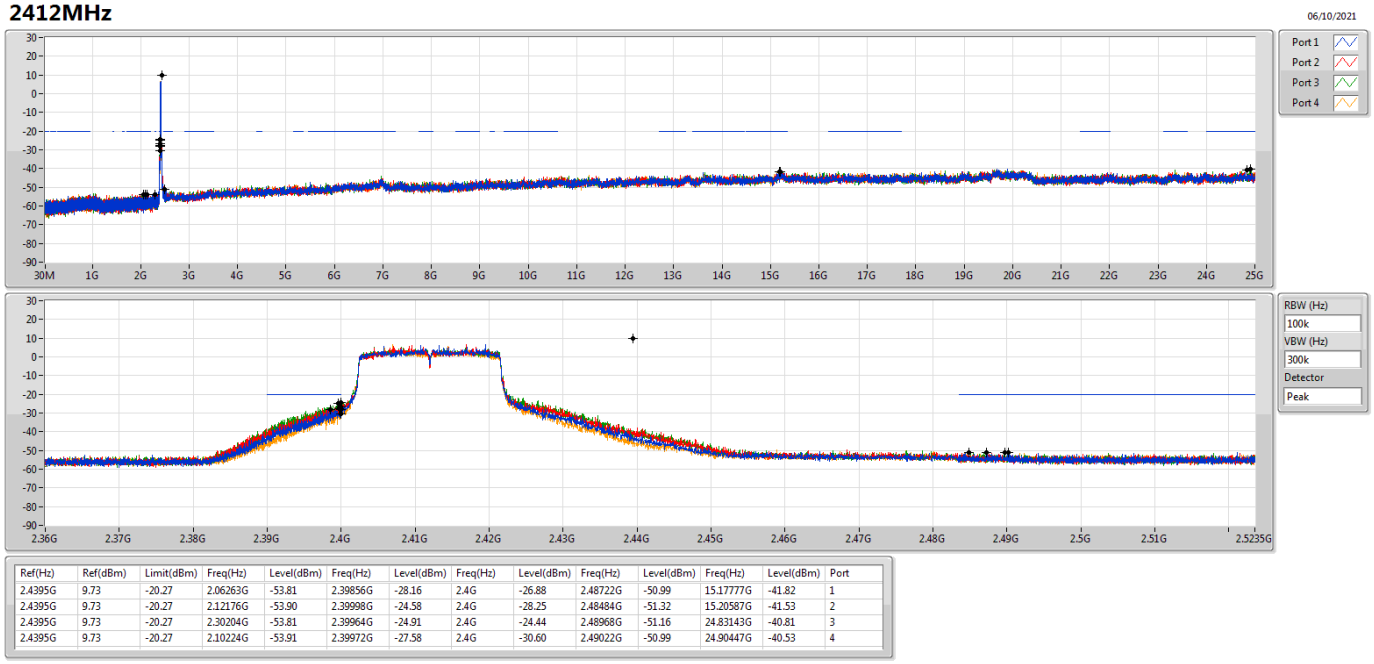
2462MHz



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
2.442G	12.27	-17.73	1.96973G	-53.57	2.39674G	-52.69	2.4835G	-46.50	2.4838G	-46.26	15.23396G	-41.02	1
2.442G	12.27	-17.73	2.08098G	-53.94	2.3956G	-52.28	2.4835G	-45.49	2.48384G	-42.79	15.21991G	-41.62	2
2.442G	12.27	-17.73	2.01953G	-53.06	2.3911G	-52.83	2.4835G	-46.49	2.48388G	-44.16	15.21429G	-40.60	3
2.442G	12.27	-17.73	2.30991G	-54.05	2.4G	-53.16	2.4835G	-47.01	2.48364G	-46.21	15.24801G	-41.00	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

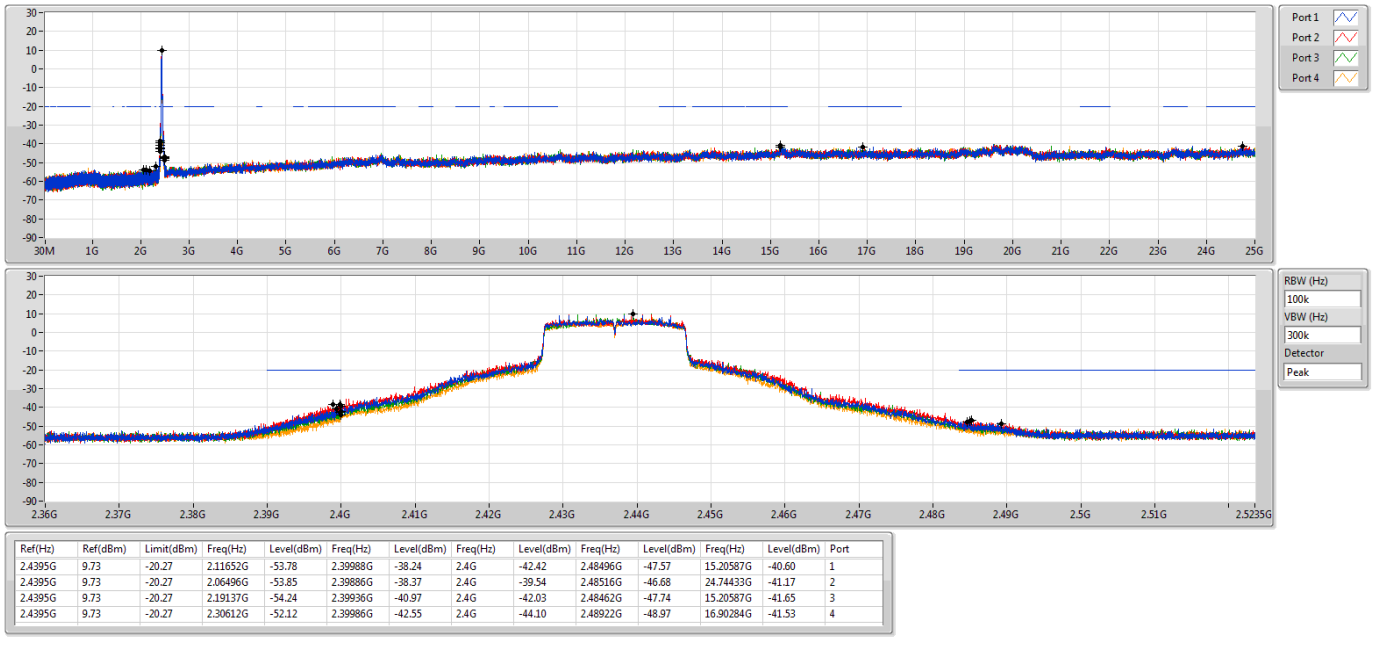
2412MHz



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
2.4395G	9.73	-20.27	2.06263G	-53.81	2.39856G	-28.16	2.4G	-26.88	2.48722G	-50.99	15.17777G	-41.82	1
2.4395G	9.73	-20.27	2.12176G	-53.90	2.39998G	-24.58	2.4G	-28.25	2.48484G	-51.32	15.20587G	-41.53	2
2.4395G	9.73	-20.27	2.30204G	-53.81	2.39964G	-24.91	2.4G	-24.44	2.48968G	-51.16	24.83143G	-40.81	3
2.4395G	9.73	-20.27	2.10224G	-53.91	2.39972G	-27.58	2.4G	-30.60	2.49022G	-50.99	24.90447G	-40.53	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

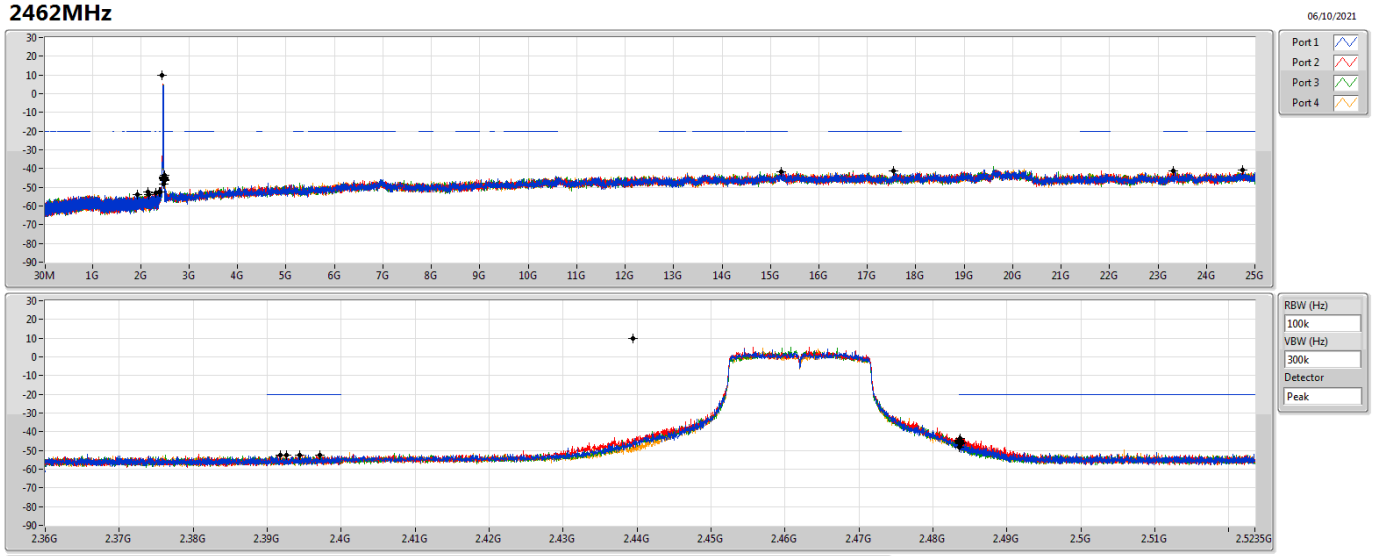
2437MHz



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
2.4395G	9.73	-20.27	2.11652G	-53.78	2.39988G	-38.24	2.4G	-42.42	2.48496G	-47.57	15.20587G	-40.60	1
2.4395G	9.73	-20.27	2.06496G	-53.85	2.39886G	-38.37	2.4G	-39.54	2.48516G	-46.68	24.74433G	-41.17	2
2.4395G	9.73	-20.27	2.19137G	-54.24	2.39936G	-40.97	2.4G	-42.03	2.48462G	-47.74	15.20587G	-41.65	3
2.4395G	9.73	-20.27	2.30612G	-52.12	2.39986G	-42.55	2.4G	-44.10	2.48922G	-48.97	16.90284G	-41.53	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

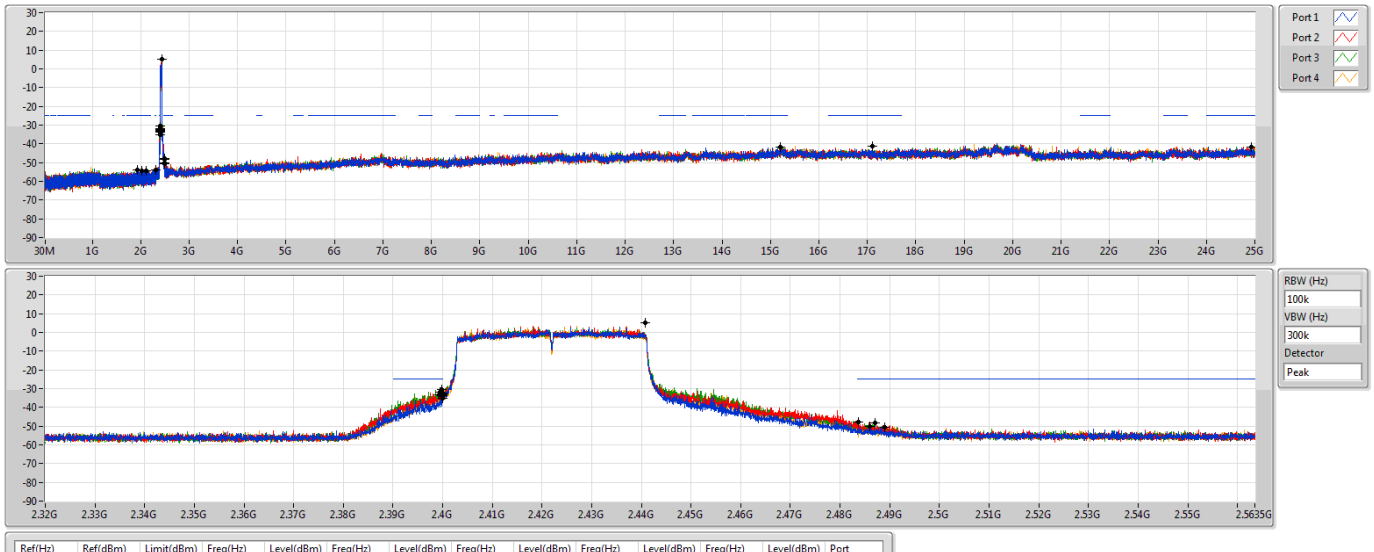
2462MHz



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
2.4395G	9.73	-20.27	1.93215G	-53.75	2.39442G	-52.52	2.4835G	-45.60	2.48386G	-45.82	15.22272G	-41.82	1
2.4395G	9.73	-20.27	2.17098G	-53.80	2.39266G	-52.43	2.4835G	-44.36	2.48362G	-43.50	23.31988G	-41.08	2
2.4395G	9.73	-20.27	2.14215G	-52.33	2.39172G	-52.51	2.4835G	-48.37	2.48364G	-45.90	17.53499G	-41.12	3
2.4395G	9.73	-20.27	2.30437G	-53.00	2.39708G	-52.32	2.4835G	-44.97	2.4837G	-46.29	24.75276G	-40.62	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

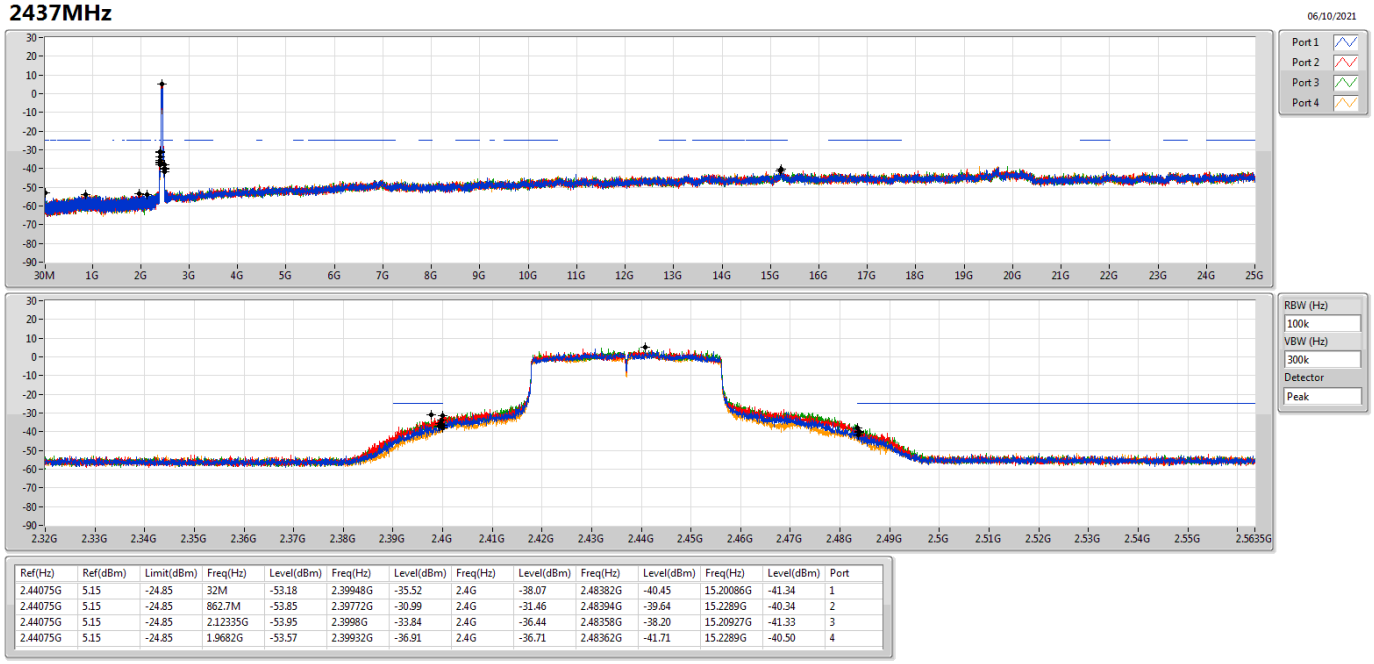
2422MHz



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
2.44075G	5.15	-24.85	2.30626G	-54.09	2.39992G	-32.73	2.4G	-33.72	2.48894G	-50.44	17.11357G	-41.02	1
2.44075G	5.15	-24.85	2.01743G	-54.34	2.3994G	-32.10	2.4G	-32.42	2.48374G	-47.68	15.21208G	-41.58	2
2.44075G	5.15	-24.85	2.11734G	-54.41	2.39988G	-30.57	2.4G	-33.17	2.48698G	-48.37	15.20366G	-41.63	3
2.44075G	5.15	-24.85	1.9307G	-53.95	2.39936G	-33.19	2.4G	-35.20	2.48598G	-50.35	24.92147G	-41.55	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

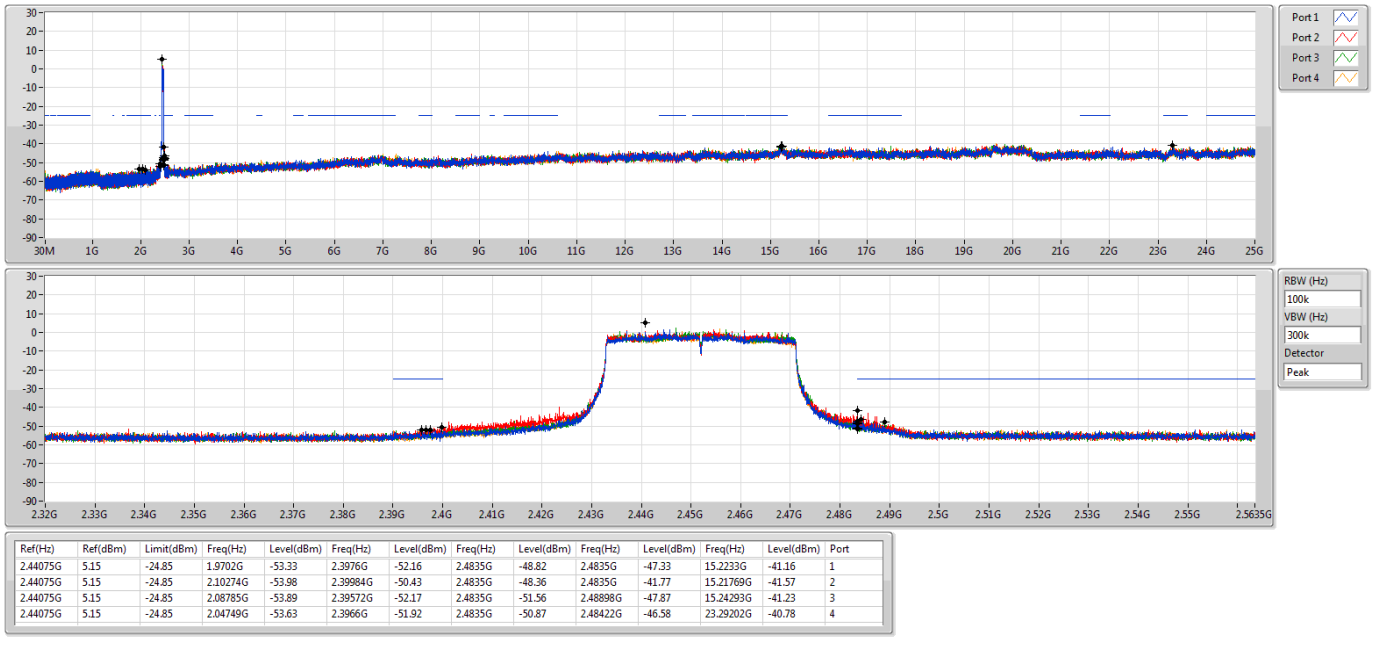
2437MHz



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
2.44075G	5.15	-24.85	32M	-53.18	2.39948G	-35.52	2.4G	-38.07	2.48382G	-40.45	15.20086G	-41.34	1
2.44075G	5.15	-24.85	862.7M	-53.85	2.39772G	-30.99	2.4G	-31.46	2.48394G	-39.64	15.2289G	-40.34	2
2.44075G	5.15	-24.85	2.12335G	-53.95	2.3998G	-33.84	2.4G	-36.44	2.48358G	-38.20	15.20927G	-41.33	3
2.44075G	5.15	-24.85	1.9682G	-53.57	2.39932G	-36.91	2.4G	-36.71	2.48362G	-41.71	15.2289G	-40.50	4

802.11ax HEW40_Nss1,(MCS0)_4TX **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
2.44075G	5.15	-24.85	1.9702G	-53.33	2.3976G	-52.16	2.4835G	-48.82	2.4835G	-47.33	15.2233G	-41.16	1
2.44075G	5.15	-24.85	2.10274G	-53.98	2.39984G	-50.43	2.4835G	-48.36	2.4835G	-41.77	15.21769G	-41.57	2
2.44075G	5.15	-24.85	2.08785G	-53.89	2.39572G	-52.17	2.4835G	-51.56	2.48898G	-47.87	15.24293G	-41.23	3
2.44075G	5.15	-24.85	2.04749G	-53.63	2.3966G	-51.92	2.4835G	-50.87	2.48422G	-46.58	23.29202G	-40.78	4

Summary

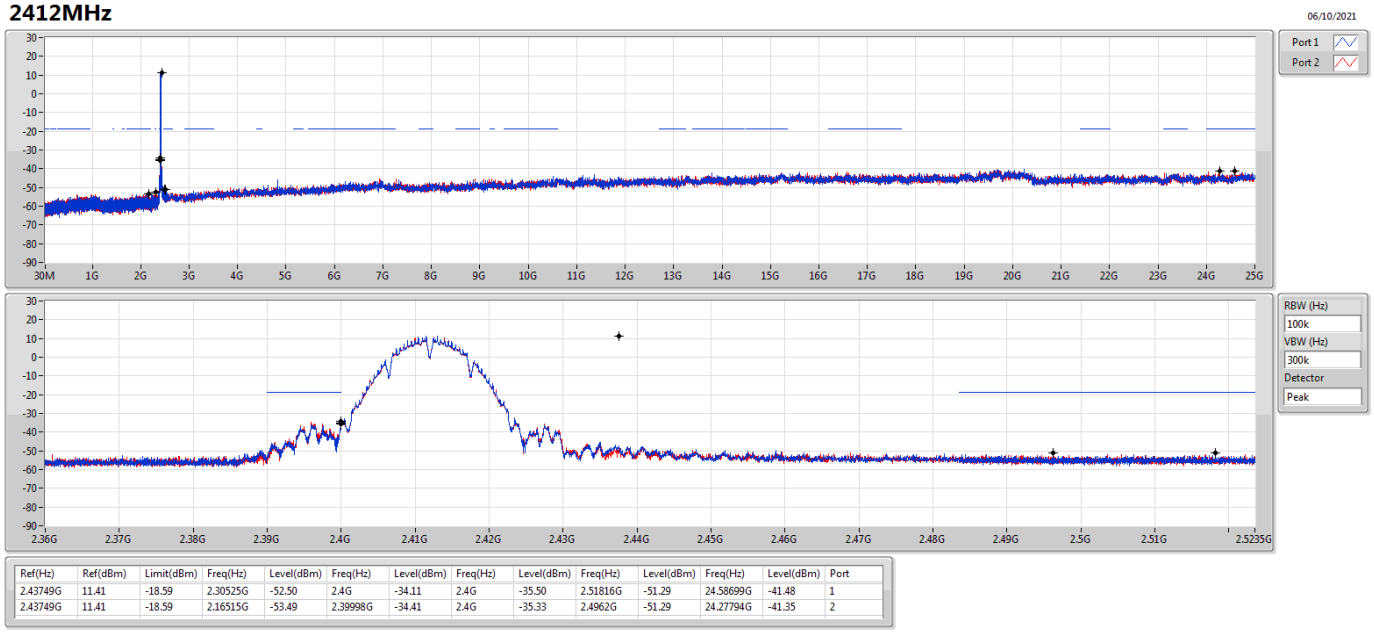
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	11.41	-18.59	2.30525G	-52.50	2.4G	-34.11	2.4G	-35.50	2.51816G	-51.29	24.58699G	-41.48	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44196G	10.79	-19.21	2.14593G	-53.87	2.39976G	-28.77	2.4G	-29.82	2.52084G	-51.02	24.9719G	-40.77	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44446G	8.74	-21.26	2.16079G	-54.22	2.39994G	-29.85	2.4G	-31.04	2.51528G	-51.53	24.58138G	-41.70	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43198G	2.66	-27.34	864.99M	-54.16	2.39784G	-36.81	2.4G	-35.16	2.4845G	-50.64	24.68589G	-41.39	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	2.43749G	11.41	-18.59	2.30525G	-52.50	2.4G	-34.11	2.4G	-35.50	2.51816G	-51.29	24.58699G	-41.48	1
2412MHz	Pass	2.43749G	11.41	-18.59	2.16515G	-53.49	2.39998G	-34.41	2.4G	-35.33	2.4962G	-51.29	24.27794G	-41.35	2
2437MHz	Pass	2.43749G	11.41	-18.59	2.14156G	-53.30	2.39998G	-50.03	2.4G	-50.31	2.51148G	-50.81	15.21991G	-41.91	1
2437MHz	Pass	2.43749G	11.41	-18.59	2.30408G	-53.42	2.3994G	-52.53	2.4G	-54.62	2.49002G	-51.79	15.28734G	-41.30	2
2462MHz	Pass	2.43749G	11.41	-18.59	1.89371G	-54.17	2.4G	-50.31	2.4G	-50.16	2.48352G	-50.94	15.26487G	-41.19	1
2462MHz	Pass	2.43749G	11.41	-18.59	1.94934G	-53.94	2.39468G	-52.67	2.4835G	-50.15	2.48374G	-49.51	24.30604G	-41.17	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	10.79	-19.21	2.11622G	-52.65	2.39966G	-29.77	2.4G	-29.78	2.50546G	-51.19	16.34093G	-40.73	1
2412MHz	Pass	2.44196G	10.79	-19.21	2.14593G	-53.87	2.39976G	-28.77	2.4G	-29.82	2.52084G	-51.02	24.9719G	-40.77	2
2437MHz	Pass	2.44196G	10.79	-19.21	882.78M	-53.36	2.39886G	-35.70	2.4G	-40.00	2.48414G	-41.53	23.39012G	-41.41	1
2437MHz	Pass	2.44196G	10.79	-19.21	2.11943G	-53.97	2.39982G	-35.56	2.4G	-39.61	2.48948G	-39.35	15.23396G	-41.51	2
2462MHz	Pass	2.44196G	10.79	-19.21	2.12001G	-52.99	2.4G	-49.07	2.4835G	-49.57	2.4835G	-46.53	23.34236G	-41.86	1
2462MHz	Pass	2.44196G	10.79	-19.21	1.96157G	-53.72	2.39746G	-52.28	2.4835G	-46.86	2.4842G	-46.65	15.23677G	-40.40	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44446G	8.74	-21.26	2.16079G	-54.22	2.39994G	-29.85	2.4G	-31.04	2.51528G	-51.53	24.58138G	-41.70	1
2412MHz	Pass	2.44446G	8.74	-21.26	1.98866G	-54.27	2.39924G	-30.42	2.4G	-32.41	2.48802G	-51.16	15.20587G	-41.13	2
2437MHz	Pass	2.44446G	8.74	-21.26	2.14681G	-53.15	2.3966G	-37.48	2.4G	-37.84	2.48396G	-43.54	23.33955G	-41.66	1
2437MHz	Pass	2.44446G	8.74	-21.26	1.95138G	-53.61	2.39922G	-36.01	2.4G	-38.12	2.48392G	-42.90	15.20306G	-41.43	2
2462MHz	Pass	2.44446G	8.74	-21.26	2.19224G	-54.02	2.39998G	-50.26	2.4835G	-46.08	2.48384G	-44.81	24.82019G	-41.57	1
2462MHz	Pass	2.44446G	8.74	-21.26	1.97147G	-53.77	2.39776G	-52.32	2.4835G	-45.57	2.48354G	-44.31	24.71623G	-41.49	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	2.66	-27.34	2.11447G	-54.47	2.4G	-38.45	2.4G	-37.28	2.48394G	-51.51	24.67748G	-41.04	1
2422MHz	Pass	2.43198G	2.66	-27.34	864.99M	-54.16	2.39784G	-36.81	2.4G	-35.16	2.4845G	-50.64	24.68589G	-41.39	2
2437MHz	Pass	2.43198G	2.66	-27.34	895.62M	-54.15	2.4G	-38.06	2.4G	-38.85	2.48362G	-44.71	24.75039G	-41.11	1
2437MHz	Pass	2.43198G	2.66	-27.34	2.12621G	-53.79	2.39972G	-38.70	2.4G	-39.99	2.48586G	-46.05	24.87379G	-41.41	2
2452MHz	Pass	2.43198G	2.66	-27.34	1.93185G	-53.98	2.39996G	-48.82	2.4835G	-46.04	2.48426G	-40.71	24.98037G	-41.19	1
2452MHz	Pass	2.43198G	2.66	-27.34	1.94931G	-53.17	2.39992G	-50.68	2.4835G	-45.66	2.48422G	-40.55	24.81209G	-42.03	2

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

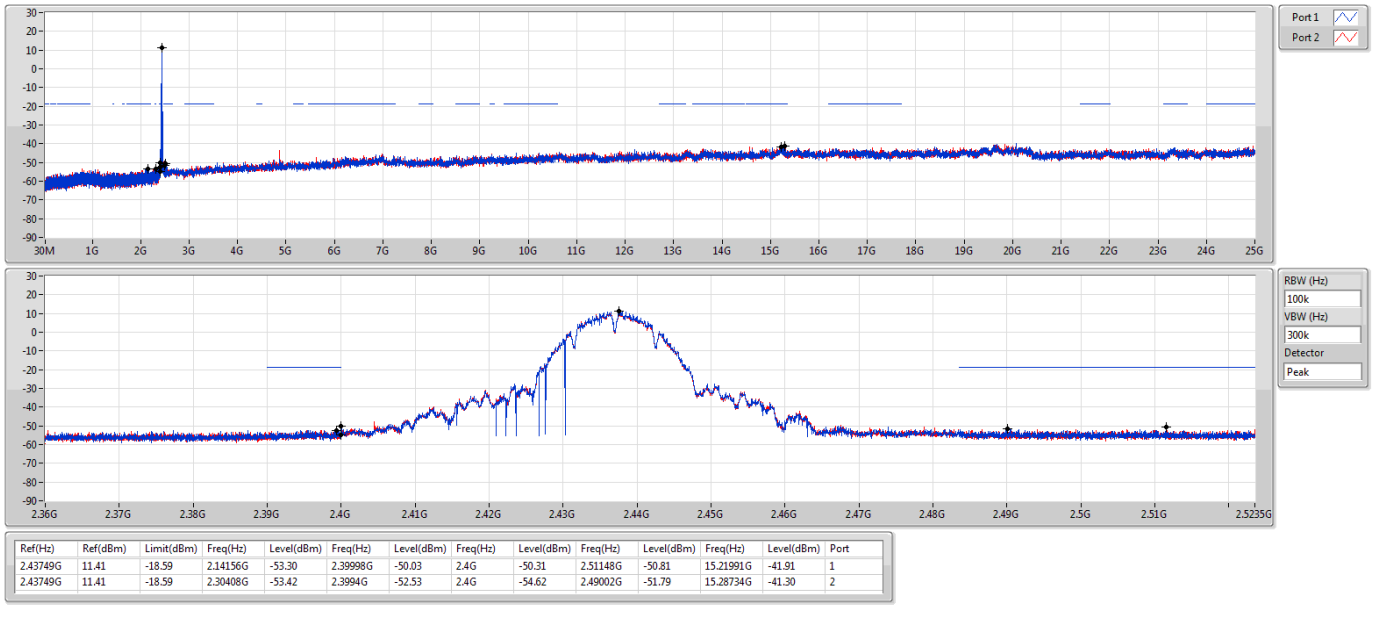
2412MHz



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
2.43749G	11.41	-18.59	2.30525G	-52.50	2.4G	-34.11	2.4G	-35.50	2.51816G	-51.29	24.58699G	-41.48	1
2.43749G	11.41	-18.59	2.16515G	-53.49	2.39998G	-34.41	2.4G	-35.33	2.4962G	-51.29	24.27794G	-41.35	2

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

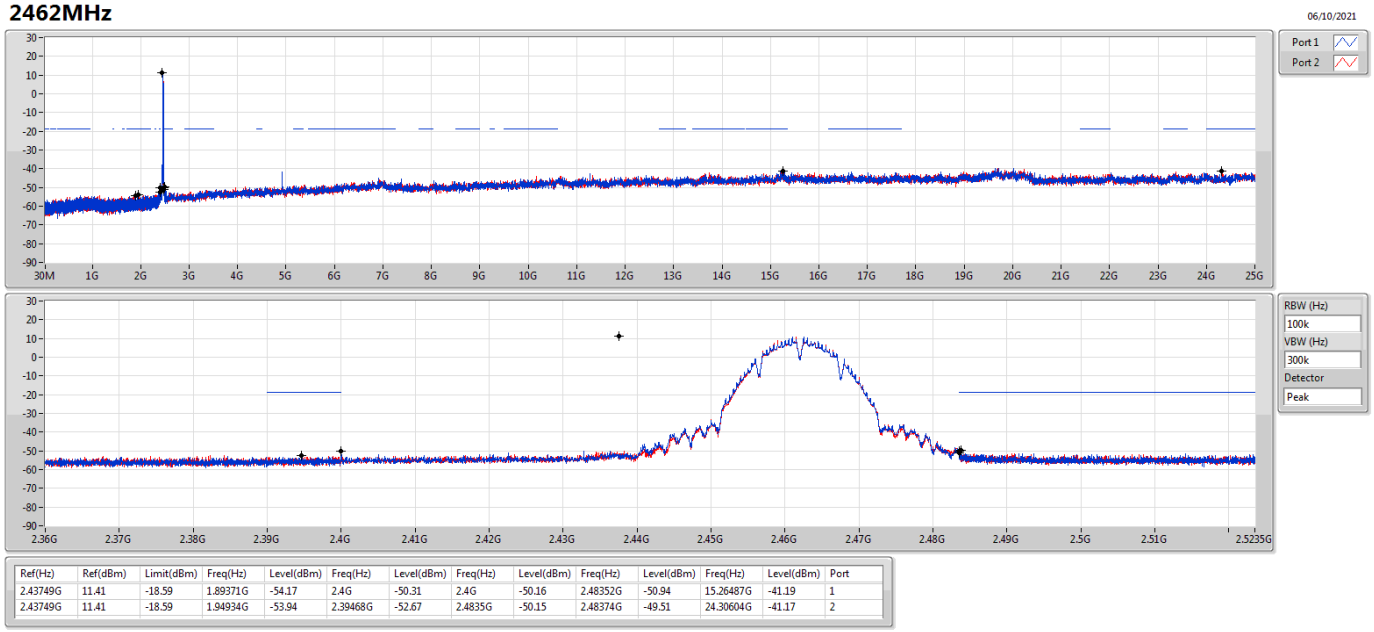
2437MHz



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
2.43749G	11.41	-18.59	2.14156G	-53.30	2.39998G	-50.03	2.4G	-50.31	2.51148G	-50.81	15.21991G	-41.91	1
2.43749G	11.41	-18.59	2.30408G	-53.42	2.3994G	-52.53	2.4G	-54.62	2.49002G	-51.79	15.28734G	-41.30	2

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

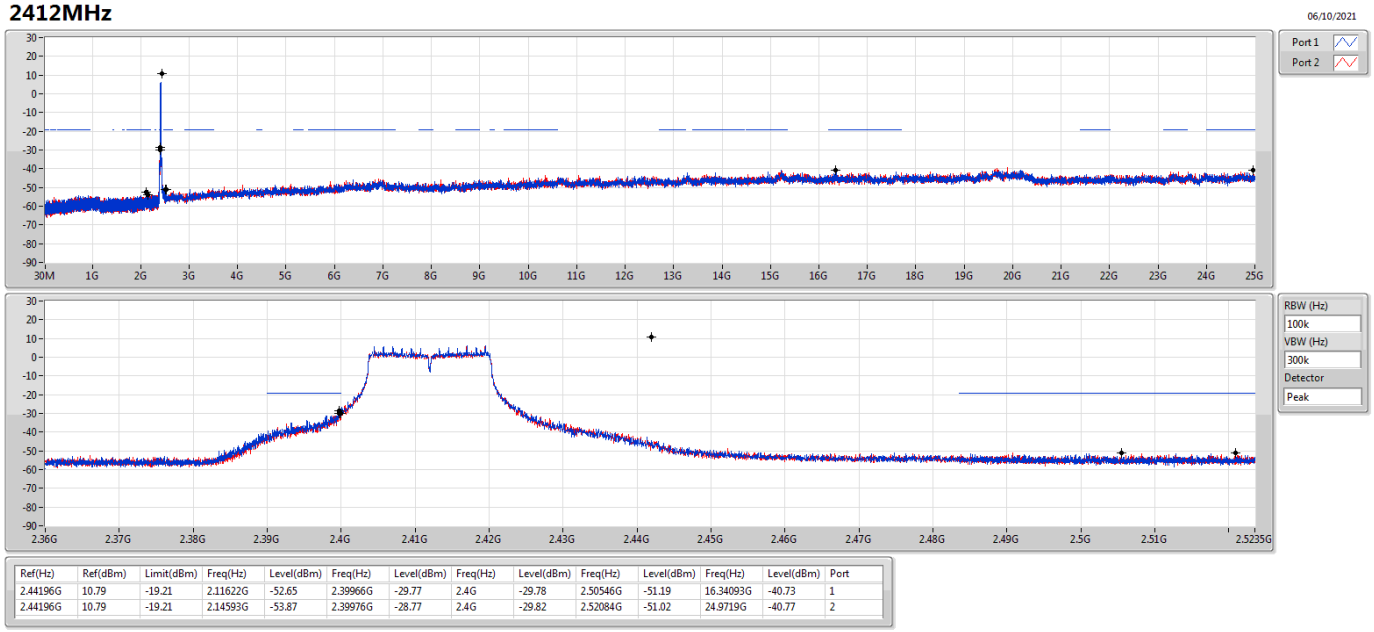
2462MHz



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
2.43749G	11.41	-18.59	1.89371G	-54.17	2.4G	-50.31	2.4G	-50.16	2.48352G	-50.94	15.26487G	-41.19	1
2.43749G	11.41	-18.59	1.94934G	-53.94	2.39468G	-52.67	2.4835G	-50.15	2.48374G	-49.51	24.30604G	-41.17	2

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

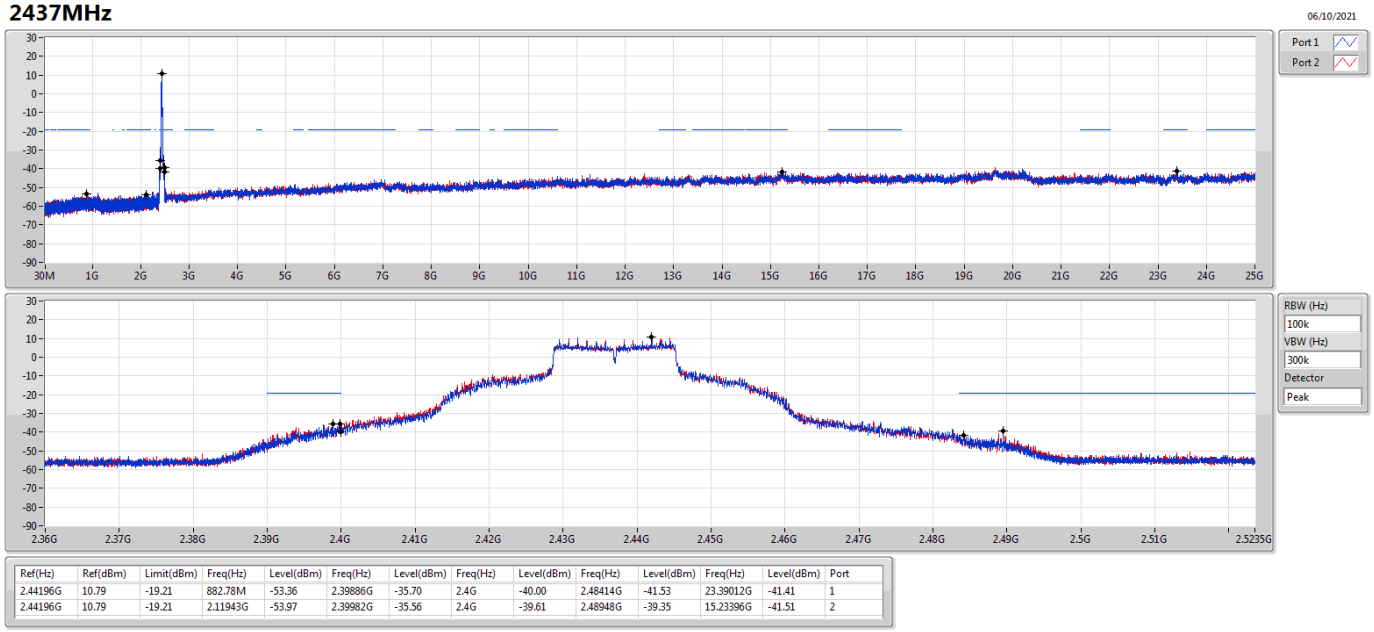
2412MHz



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
2.44196G	10.79	-19.21	2.11622G	-52.65	2.39966G	-29.77	2.4G	-29.78	2.50546G	-51.19	16.34093G	-40.73	1
2.44196G	10.79	-19.21	2.14593G	-53.87	2.39976G	-28.77	2.4G	-29.82	2.52084G	-51.02	24.9719G	-40.77	2

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

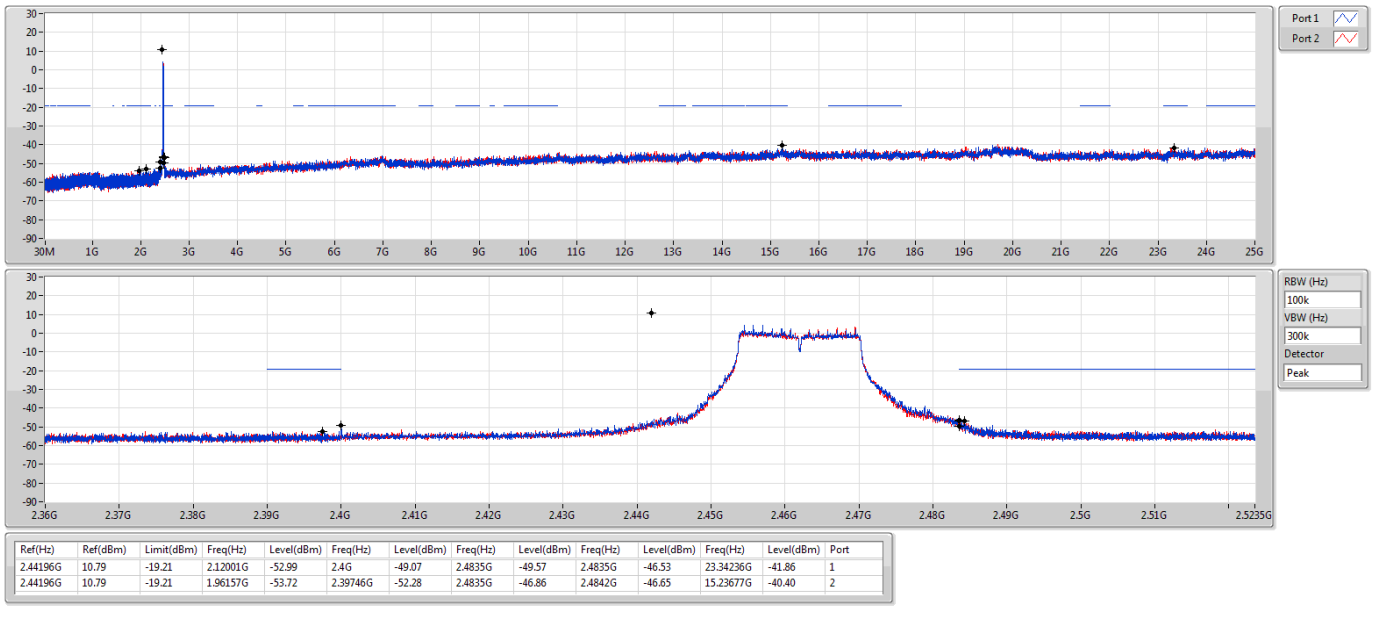
2437MHz



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
2.44196G	10.79	-19.21	882.78M	-53.36	2.39886G	-35.70	2.4G	-40.00	2.48414G	-41.53	23.39012G	-41.41	1
2.44196G	10.79	-19.21	2.11943G	-53.97	2.39982G	-35.56	2.4G	-39.61	2.48948G	-39.35	15.23396G	-41.51	2

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

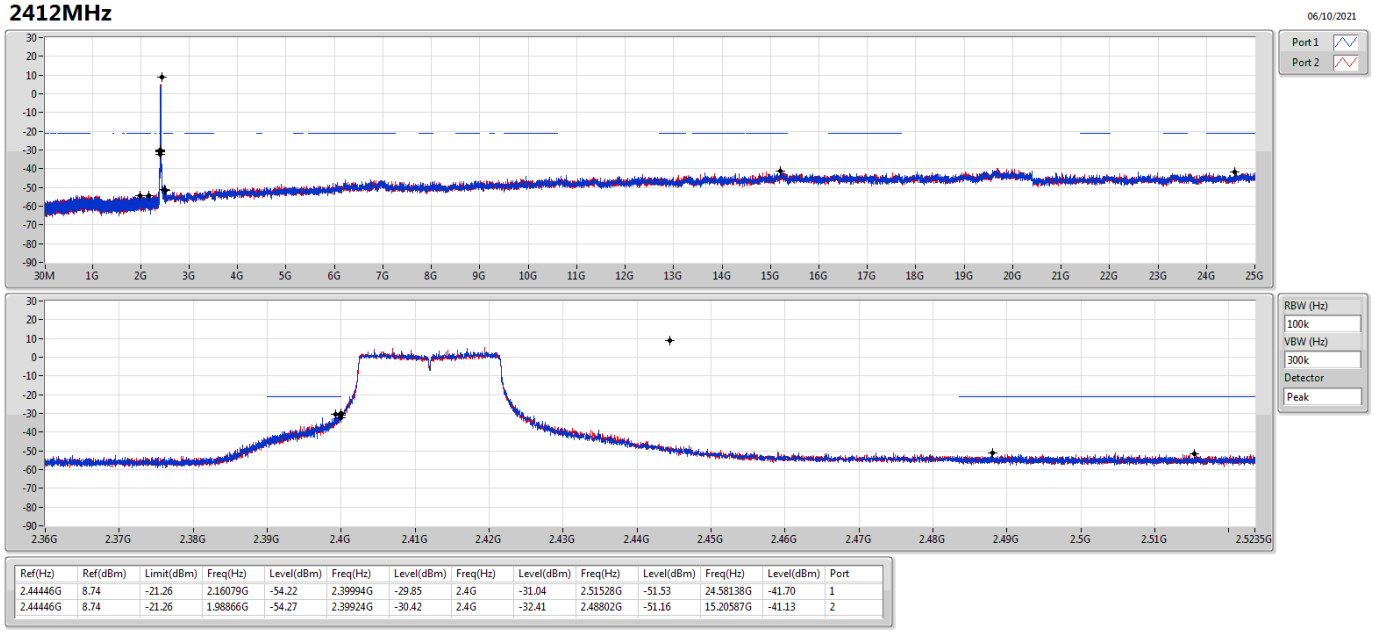
2462MHz



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
2.44196G	10.79	-19.21	2.12001G	-52.99	2.4G	-49.07	2.4835G	-49.57	2.4835G	-46.53	23.34236G	-41.86	1
2.44196G	10.79	-19.21	1.96157G	-53.72	2.39746G	-52.28	2.4835G	-46.86	2.4842G	-46.65	15.23677G	-40.40	2

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

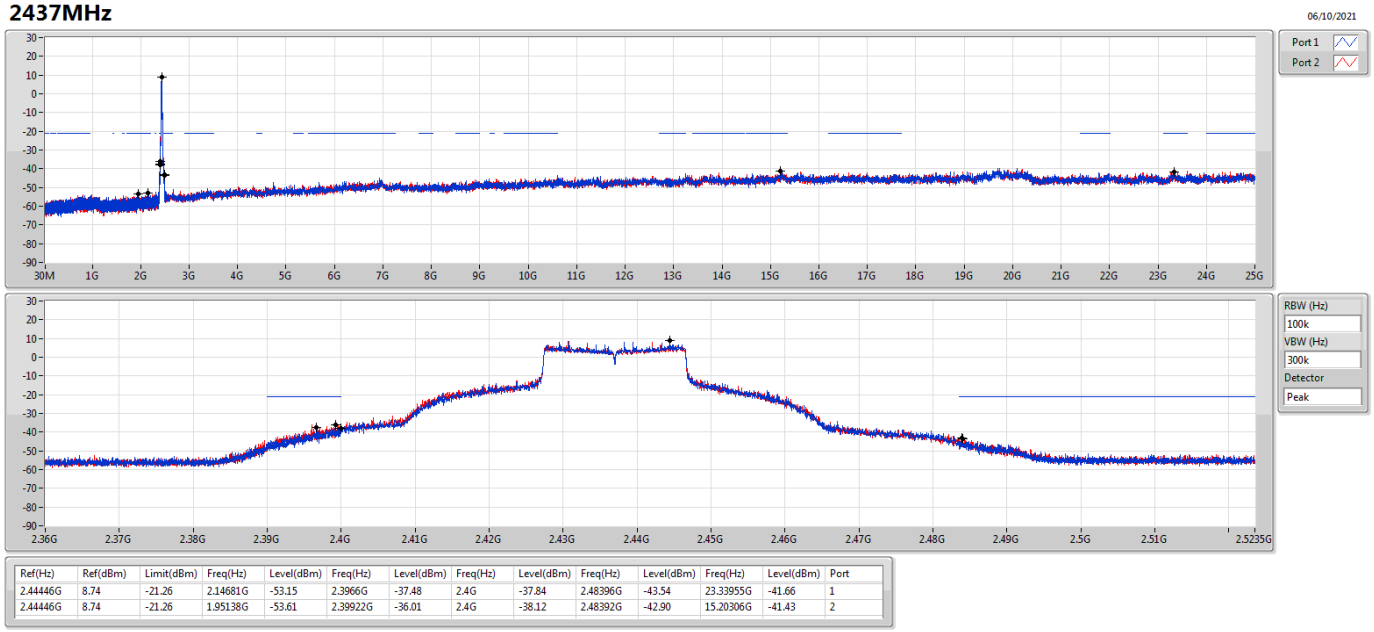
2412MHz



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
2.44446G	8.74	-21.26	2.16079G	-54.22	2.39994G	-29.85	2.4G	-31.04	2.51528G	-51.53	24.58138G	-41.70	1
2.44446G	8.74	-21.26	1.98866G	-54.27	2.39924G	-30.42	2.4G	-32.41	2.48802G	-51.16	15.20587G	-41.13	2

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

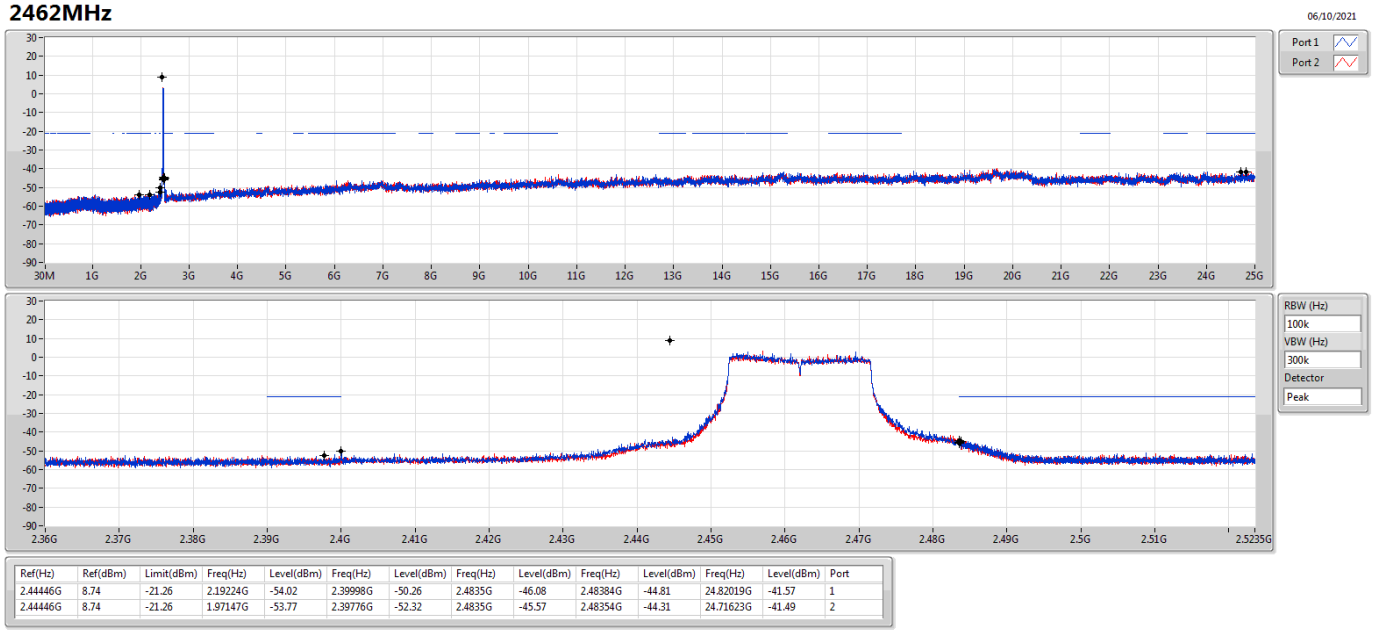
2437MHz



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
2.44446G	8.74	-21.26	2.14681G	-53.15	2.3966G	-37.48	2.4G	-37.84	2.48396G	-43.54	23.33955G	-41.66	1
2.44446G	8.74	-21.26	1.95138G	-53.61	2.39922G	-36.01	2.4G	-38.12	2.48392G	-42.90	15.20306G	-41.43	2

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

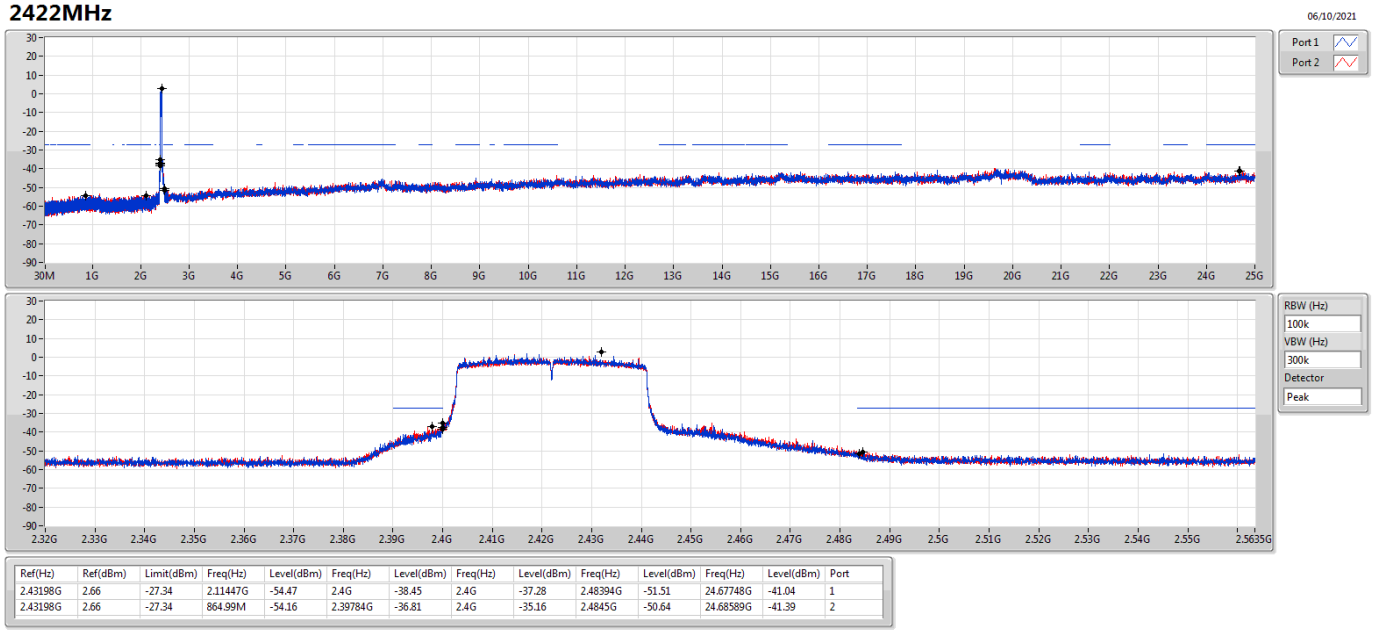
2462MHz



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
2.44446G	8.74	-21.26	2.19224G	-54.02	2.39998G	-50.26	2.4835G	-46.08	2.48384G	-44.81	24.82019G	-41.57	1
2.44446G	8.74	-21.26	1.97147G	-53.77	2.39776G	-52.32	2.4835G	-45.57	2.48354G	-44.31	24.71623G	-41.49	2

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

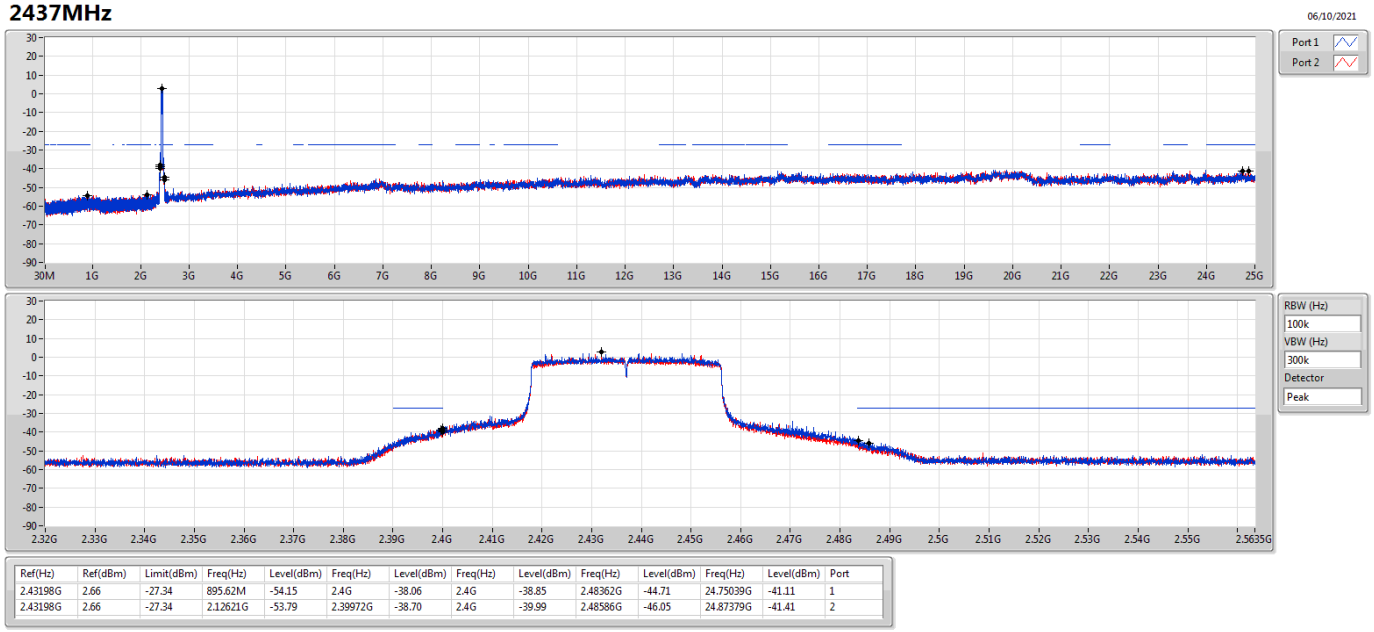
2422MHz



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
2.43198G	2.66	-27.34	2.11447G	-54.47	2.4G	-38.45	2.4G	-37.28	2.48394G	-51.51	24.67748G	-41.04	1
2.43198G	2.66	-27.34	864.99M	-54.16	2.39784G	-36.81	2.4G	-35.16	2.4845G	-50.64	24.68589G	-41.39	2

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

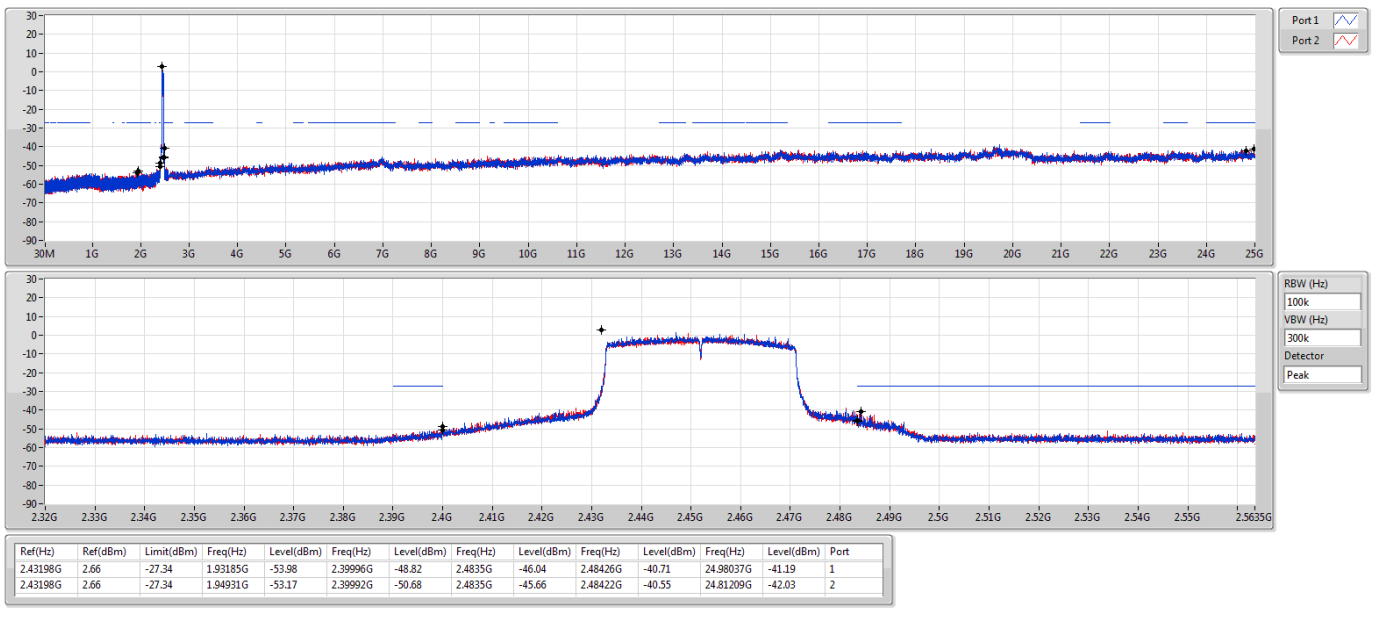
2437MHz



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
2.43198G	2.66	-27.34	895.62M	-54.15	2.4G	-38.06	2.4G	-38.85	2.48362G	-44.71	24.75039G	-41.11	1
2.43198G	2.66	-27.34	2.12621G	-53.79	2.39972G	-38.70	2.4G	-39.99	2.48586G	-46.05	24.87379G	-41.41	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
2.43198G	2.66	-27.34	1.93185G	-53.98	2.39996G	-48.82	2.4835G	-46.04	2.48426G	-40.71	24.98037G	-41.19	1
2.43198G	2.66	-27.34	1.94931G	-53.17	2.39992G	-50.68	2.4835G	-45.66	2.48422G	-40.55	24.81209G	-42.03	2

Summary

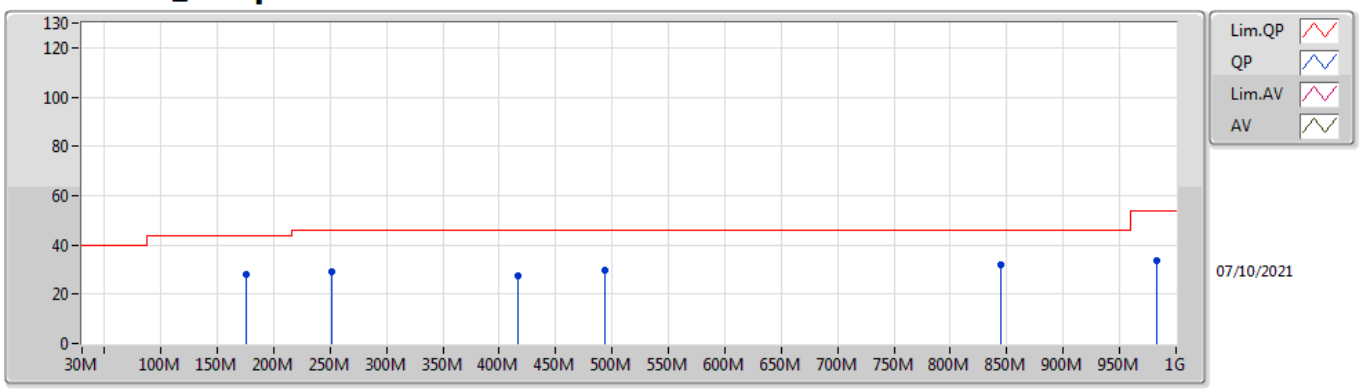
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	51.34M	35.08	40.00	-4.92	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	175.5M	27.88	43.50	-15.62	3	Vertical	0	1.00	-
2437MHz	Pass	PK	251.16M	28.90	46.00	-17.10	3	Vertical	0	1.00	-
2437MHz	Pass	PK	416.06M	27.55	46.00	-18.45	3	Vertical	0	1.00	-
2437MHz	Pass	PK	493.66M	29.92	46.00	-16.08	3	Vertical	0	1.00	-
2437MHz	Pass	PK	844.8M	31.83	46.00	-14.17	3	Vertical	0	1.00	-
2437MHz	Pass	PK	982.54M	33.82	54.00	-20.18	3	Vertical	0	1.00	-
2437MHz	Pass	PK	175.5M	31.93	43.50	-11.57	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	253.1M	32.92	46.00	-13.08	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	495.6M	29.40	46.00	-16.60	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	582.9M	30.36	46.00	-15.64	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	693.48M	32.60	46.00	-13.40	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	984.48M	34.35	54.00	-19.65	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	51.34M	35.08	40.00	-4.92	3	Vertical	360	1.00	-
2437MHz	Pass	PK	125.06M	28.24	43.50	-15.26	3	Vertical	360	1.00	-
2437MHz	Pass	PK	258.92M	27.87	46.00	-18.13	3	Vertical	360	1.00	-
2437MHz	Pass	PK	549.92M	29.41	46.00	-16.59	3	Vertical	360	1.00	-
2437MHz	Pass	PK	685.72M	31.14	46.00	-14.86	3	Vertical	360	1.00	-
2437MHz	Pass	PK	951.5M	33.83	46.00	-12.17	3	Vertical	360	1.00	-
2437MHz	Pass	PK	187.14M	31.42	43.50	-12.08	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	249.22M	30.41	46.00	-15.59	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	569.32M	29.71	46.00	-16.29	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	745.86M	35.96	46.00	-10.04	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	854.5M	32.80	46.00	-13.20	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	949.56M	34.09	46.00	-11.91	3	Horizontal	0	1.00	-
2437MHz	Pass	PK	55.22M	34.88	40.00	-5.12	3	Vertical	0	1.00	-
2437MHz	Pass	PK	247.28M	27.96	46.00	-18.04	3	Vertical	0	1.00	-
2437MHz	Pass	PK	483.96M	29.55	46.00	-16.45	3	Vertical	0	1.00	-
2437MHz	Pass	PK	553.8M	29.94	46.00	-16.06	3	Vertical	0	1.00	-
2437MHz	Pass	PK	798.24M	31.70	46.00	-14.30	3	Vertical	0	1.00	-
2437MHz	Pass	PK	947.62M	33.86	46.00	-12.14	3	Vertical	0	1.00	-
2437MHz	Pass	PK	47.46M	32.86	40.00	-7.14	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	189.08M	30.56	43.50	-12.94	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	255.04M	30.57	46.00	-15.43	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	596.48M	30.19	46.00	-15.81	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	798.24M	32.03	46.00	-13.97	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	934.04M	33.30	46.00	-12.70	3	Horizontal	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

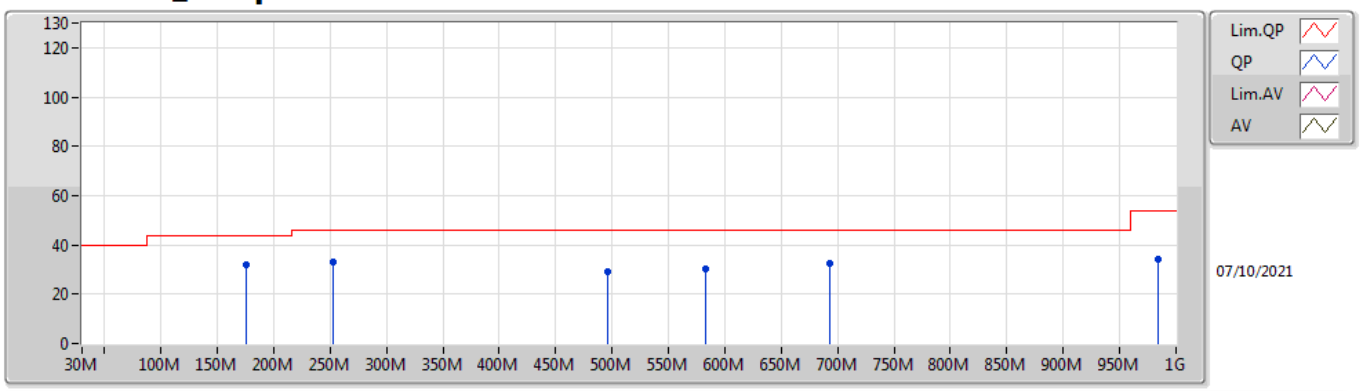
2437MHz_Adapter



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	175.5M	27.88	43.50	-15.62	-10.92	3	Vertical	0	1.00	-	38.80	14.71	1.84	27.47
PK	251.16M	28.90	46.00	-17.10	-7.17	3	Vertical	0	1.00	-	36.07	17.70	2.15	27.02
PK	416.06M	27.55	46.00	-18.45	-3.34	3	Vertical	0	1.00	-	30.89	21.74	2.79	27.87
PK	493.66M	29.92	46.00	-16.08	-2.54	3	Vertical	0	1.00	-	32.46	22.71	3.06	28.31
PK	844.8M	31.83	46.00	-14.17	1.81	3	Vertical	0	1.00	-	30.02	25.57	3.98	27.74
PK	982.54M	33.82	54.00	-20.18	3.40	3	Vertical	0	1.00	-	30.42	26.31	4.27	27.18

802.11ax HEW40_Nss1,(MCS0)_4TX

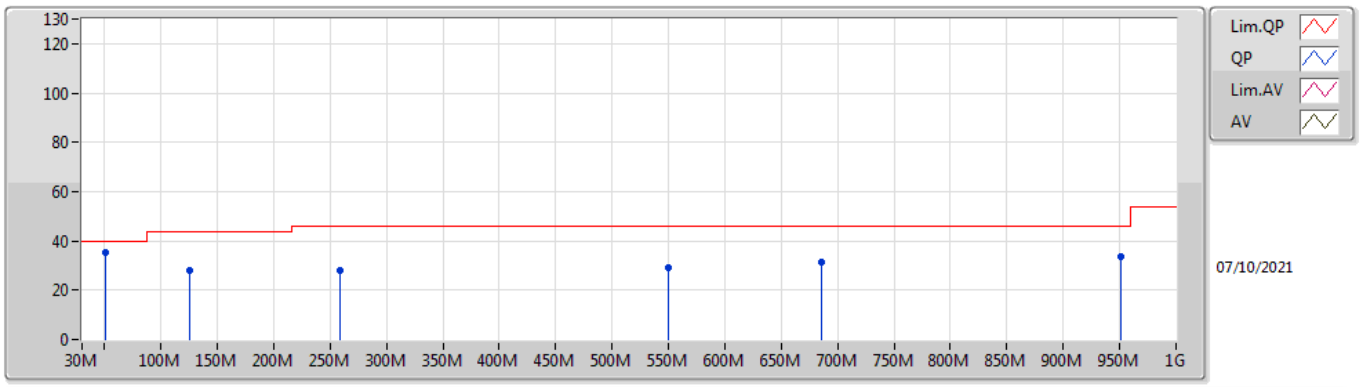
2437MHz_Adapter



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	175.5M	31.93	43.50	-11.57	-10.92	3	Horizontal	360	1.00	-	42.85	14.71	1.84	27.47
PK	253.1M	32.92	46.00	-13.08	-6.93	3	Horizontal	360	1.00	-	39.85	17.93	2.16	27.02
PK	495.6M	29.40	46.00	-16.60	-2.56	3	Horizontal	360	1.00	-	31.96	22.71	3.06	28.33
PK	582.9M	30.36	46.00	-15.64	-1.19	3	Horizontal	360	1.00	-	31.55	23.89	3.31	28.39
PK	693.48M	32.60	46.00	-13.40	-0.48	3	Horizontal	360	1.00	-	33.08	24.17	3.58	28.23
PK	984.48M	34.35	54.00	-19.65	3.44	3	Horizontal	360	1.00	-	30.91	26.33	4.28	27.17

802.11ax HEW40_Nss1,(MCS0)_4TX

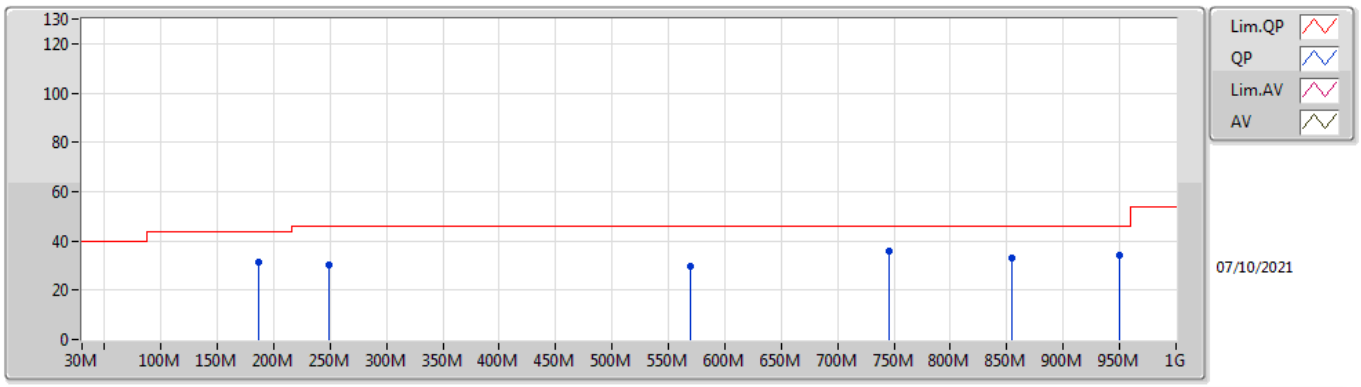
2437MHz_PoE1



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	51.34M	35.08	40.00	-4.92	-13.92	3	Vertical	360	1.00	-	49.00	12.72	1.08	27.72
PK	125.06M	28.24	43.50	-15.26	-8.85	3	Vertical	360	1.00	-	37.09	17.33	1.57	27.75
PK	258.92M	27.87	46.00	-18.13	-6.20	3	Vertical	360	1.00	-	34.07	18.64	2.19	27.03
PK	549.92M	29.41	46.00	-16.59	-1.24	3	Vertical	360	1.00	-	30.65	23.89	3.19	28.32
PK	685.72M	31.14	46.00	-14.86	-0.48	3	Vertical	360	1.00	-	31.62	24.19	3.56	28.23
PK	951.5M	33.83	46.00	-12.17	2.99	3	Vertical	360	1.00	-	30.84	26.09	4.18	27.28

802.11ax HEW40_Nss1,(MCS0)_4TX

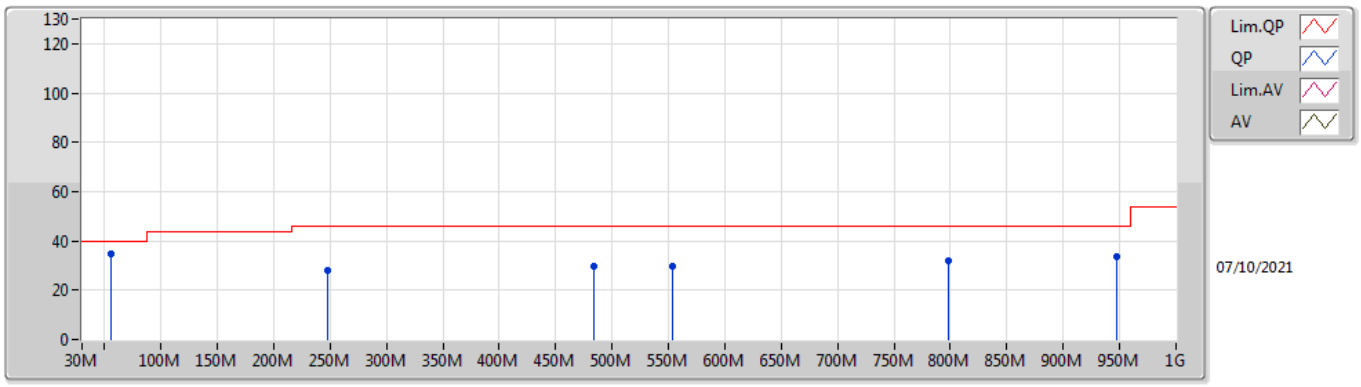
2437MHz_PoE1



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	187.14M	31.42	43.50	-12.08	-11.21	3	Horizontal	0	1.00	-	42.63	14.30	1.90	27.41
PK	249.22M	30.41	46.00	-15.59	-7.40	3	Horizontal	0	1.00	-	37.81	17.47	2.15	27.02
PK	569.32M	29.71	46.00	-16.29	-1.18	3	Horizontal	0	1.00	-	30.89	23.92	3.26	28.36
PK	745.86M	35.96	46.00	-10.04	0.47	3	Horizontal	0	1.00	-	35.49	24.86	3.69	28.08
PK	854.5M	32.80	46.00	-13.20	1.86	3	Horizontal	0	1.00	-	30.94	25.56	4.00	27.70
PK	949.56M	34.09	46.00	-11.91	2.97	3	Horizontal	0	1.00	-	31.12	26.07	4.18	27.28

802.11ax HEW40_Nss1,(MCS0)_4TX

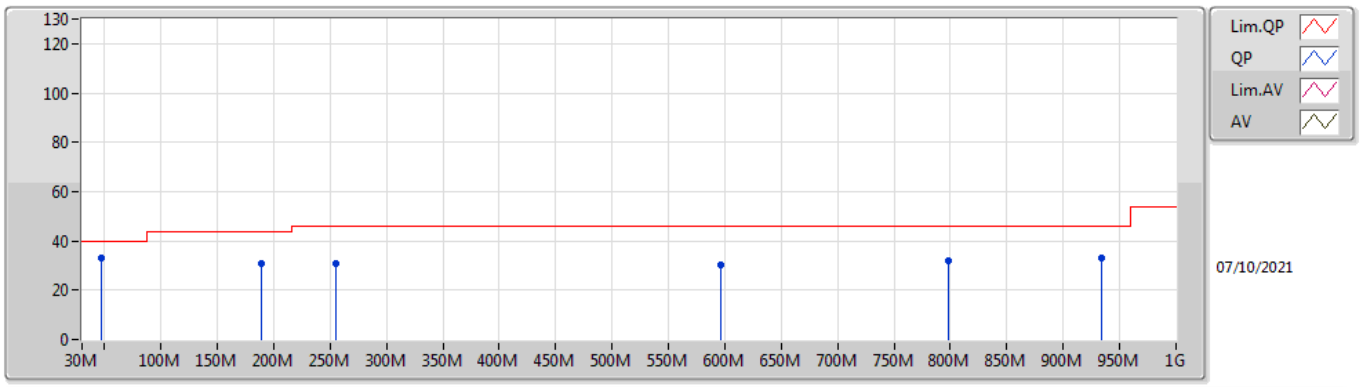
2437MHz_PoE2



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	55.22M	34.88	40.00	-5.12	-14.62	3	Vertical	0	1.00	-	49.50	12.01	1.10	27.73
PK	247.28M	27.96	46.00	-18.04	-7.65	3	Vertical	0	1.00	-	35.61	17.25	2.14	27.04
PK	483.96M	29.55	46.00	-16.45	-2.52	3	Vertical	0	1.00	-	32.07	22.72	3.02	28.26
PK	553.8M	29.94	46.00	-16.06	-1.14	3	Vertical	0	1.00	-	31.08	23.99	3.20	28.33
PK	798.24M	31.70	46.00	-14.30	1.03	3	Vertical	0	1.00	-	30.67	25.05	3.87	27.89
PK	947.62M	33.86	46.00	-12.14	2.95	3	Vertical	0	1.00	-	30.91	26.06	4.18	27.29

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_PoE2



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	47.46M	32.86	40.00	-7.14	-12.45	3	Horizontal	360	1.00	-	45.31	14.15	1.04	27.64
PK	189.08M	30.56	43.50	-12.94	-11.21	3	Horizontal	360	1.00	-	41.77	14.28	1.91	27.40
PK	255.04M	30.57	46.00	-15.43	-6.69	3	Horizontal	360	1.00	-	37.26	18.16	2.17	27.02
PK	596.48M	30.19	46.00	-15.81	-1.14	3	Horizontal	360	1.00	-	31.33	23.92	3.36	28.42
PK	798.24M	32.03	46.00	-13.97	1.03	3	Horizontal	360	1.00	-	31.00	25.05	3.87	27.89
PK	934.04M	33.30	46.00	-12.70	2.73	3	Horizontal	360	1.00	-	30.57	25.92	4.16	27.35

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)_4TX	Pass	AV	2.39G	53.57	54.00	-0.43	3	Horizontal	70	1.00	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4835G	53.75	54.00	-0.25	3	Vertical	354	1.54	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Vertical	360	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	300	3.00	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.30	54.00	-0.70	3	Vertical	334	2.05	-
2412MHz	Pass	AV	2.413G	114.59	Inf	-Inf	3	Vertical	334	2.05	-
2412MHz	Pass	PK	2.39G	61.79	74.00	-12.21	3	Vertical	334	2.05	-
2412MHz	Pass	PK	2.413G	118.26	Inf	-Inf	3	Vertical	334	2.05	-
2412MHz	Pass	AV	2.39G	53.57	54.00	-0.43	3	Horizontal	70	1.00	-
2412MHz	Pass	AV	2.4132G	116.96	Inf	-Inf	3	Horizontal	70	1.00	-
2412MHz	Pass	PK	2.3898G	61.43	74.00	-12.57	3	Horizontal	70	1.00	-
2412MHz	Pass	PK	2.411G	120.51	Inf	-Inf	3	Horizontal	70	1.00	-
2412MHz	Pass	AV	4.824G	41.84	54.00	-12.16	3	Vertical	352	2.75	-
2412MHz	Pass	PK	4.82404G	47.22	74.00	-26.78	3	Vertical	352	2.75	-
2412MHz	Pass	AV	4.82404G	39.69	54.00	-14.31	3	Horizontal	318	1.50	-
2412MHz	Pass	PK	4.82396G	46.22	74.00	-27.78	3	Horizontal	318	1.50	-
2417MHz	Pass	AV	2.39G	52.52	54.00	-1.48	3	Vertical	331	2.24	-
2417MHz	Pass	AV	2.4164G	114.37	Inf	-Inf	3	Vertical	331	2.24	-
2417MHz	Pass	PK	2.3876G	61.03	74.00	-12.97	3	Vertical	331	2.24	-
2417MHz	Pass	PK	2.418G	117.95	Inf	-Inf	3	Vertical	331	2.24	-
2417MHz	Pass	AV	2.39G	53.24	54.00	-0.76	3	Horizontal	70	1.10	-
2417MHz	Pass	AV	2.418G	117.82	Inf	-Inf	3	Horizontal	70	1.10	-
2417MHz	Pass	PK	2.39G	61.61	74.00	-12.39	3	Horizontal	70	1.10	-
2417MHz	Pass	PK	2.418G	121.09	Inf	-Inf	3	Horizontal	70	1.10	-
2417MHz	Pass	AV	4.83396G	39.45	54.00	-14.55	3	Vertical	15	1.67	-
2417MHz	Pass	AV	7.25228G	39.65	54.00	-14.35	3	Vertical	15	1.49	-
2417MHz	Pass	PK	4.83412G	45.94	74.00	-28.06	3	Vertical	15	1.67	-
2417MHz	Pass	PK	7.25008G	51.39	74.00	-22.61	3	Vertical	15	1.49	-
2417MHz	Pass	AV	4.83392G	41.84	54.00	-12.16	3	Horizontal	296	1.02	-
2417MHz	Pass	AV	7.2528G	40.84	54.00	-13.16	3	Horizontal	53	1.50	-
2417MHz	Pass	PK	4.83376G	47.12	74.00	-26.88	3	Horizontal	296	1.02	-
2417MHz	Pass	PK	7.25036G	51.38	74.00	-22.62	3	Horizontal	53	1.50	-
2437MHz	Pass	AV	2.3574G	48.38	54.00	-5.62	3	Vertical	6	1.16	-
2437MHz	Pass	AV	2.4366G	114.09	Inf	-Inf	3	Vertical	6	1.16	-
2437MHz	Pass	AV	2.4966G	47.86	54.00	-6.14	3	Vertical	6	1.16	-
2437MHz	Pass	PK	2.345G	59.50	74.00	-14.50	3	Vertical	6	1.16	-
2437MHz	Pass	PK	2.4378G	117.52	Inf	-Inf	3	Vertical	6	1.16	-
2437MHz	Pass	PK	2.4846G	58.64	74.00	-15.36	3	Vertical	6	1.16	-
2437MHz	Pass	AV	2.3418G	48.45	54.00	-5.55	3	Horizontal	264	1.49	-
2437MHz	Pass	AV	2.4362G	110.01	Inf	-Inf	3	Horizontal	264	1.49	-
2437MHz	Pass	AV	2.4846G	48.22	54.00	-5.78	3	Horizontal	264	1.49	-
2437MHz	Pass	PK	2.363G	59.41	74.00	-14.59	3	Horizontal	264	1.49	-
2437MHz	Pass	PK	2.4362G	113.56	Inf	-Inf	3	Horizontal	264	1.49	-
2437MHz	Pass	PK	2.487G	58.90	74.00	-15.10	3	Horizontal	264	1.49	-
2437MHz	Pass	AV	4.874G	49.76	54.00	-4.24	3	Vertical	335	2.74	-
2437MHz	Pass	AV	7.30972G	47.25	54.00	-6.75	3	Vertical	9	1.61	-
2437MHz	Pass	PK	4.874G	52.83	74.00	-21.17	3	Vertical	335	2.74	-
2437MHz	Pass	PK	7.31196G	55.16	74.00	-18.84	3	Vertical	9	1.61	-
2437MHz	Pass	AV	4.874G	48.37	54.00	-5.63	3	Horizontal	22	1.24	-
2437MHz	Pass	AV	7.30992G	51.57	54.00	-2.43	3	Horizontal	74	2.36	-
2437MHz	Pass	PK	4.87392G	52.21	74.00	-21.79	3	Horizontal	22	1.24	-
2437MHz	Pass	PK	7.31188G	57.55	74.00	-16.45	3	Horizontal	74	2.36	-
2457MHz	Pass	AV	2.4562G	115.66	Inf	-Inf	3	Vertical	4	1.50	-
2457MHz	Pass	AV	2.486G	49.33	54.00	-4.67	3	Vertical	4	1.50	-
2457MHz	Pass	PK	2.456G	119.32	Inf	-Inf	3	Vertical	4	1.50	-
2457MHz	Pass	PK	2.485G	59.73	74.00	-14.27	3	Vertical	4	1.50	-
2457MHz	Pass	AV	2.4562G	116.69	Inf	-Inf	3	Horizontal	308	2.94	-
2457MHz	Pass	AV	2.4835G	51.55	54.00	-2.45	3	Horizontal	308	2.94	-
2457MHz	Pass	PK	2.456G	120.31	Inf	-Inf	3	Horizontal	308	2.94	-
2457MHz	Pass	PK	2.484G	61.76	74.00	-12.24	3	Horizontal	308	2.94	-
2457MHz	Pass	AV	4.91396G	45.63	54.00	-8.37	3	Vertical	1	1.00	-
2457MHz	Pass	AV	7.37288G	39.24	54.00	-14.76	3	Vertical	81	1.29	-
2457MHz	Pass	PK	4.91396G	49.70	74.00	-24.30	3	Vertical	1	1.00	-
2457MHz	Pass	PK	7.37352G	51.66	74.00	-22.34	3	Vertical	81	1.29	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	4.914G	45.54	54.00	-8.46	3	Horizontal	317	2.74	-
2457MHz	Pass	AV	7.36988G	39.25	54.00	-14.75	3	Horizontal	330	1.24	-
2457MHz	Pass	PK	4.91404G	49.35	74.00	-24.65	3	Horizontal	317	2.74	-
2457MHz	Pass	PK	7.3702G	50.84	74.00	-23.16	3	Horizontal	330	1.24	-
2462MHz	Pass	AV	2.463G	114.22	Inf	-Inf	3	Vertical	4	1.01	-
2462MHz	Pass	AV	2.4835G	50.39	54.00	-3.61	3	Vertical	4	1.01	-
2462MHz	Pass	PK	2.463G	117.60	Inf	-Inf	3	Vertical	4	1.01	-
2462MHz	Pass	PK	2.4836G	59.91	74.00	-14.09	3	Vertical	4	1.01	-
2462MHz	Pass	AV	2.461G	112.69	Inf	-Inf	3	Horizontal	290	2.90	-
2462MHz	Pass	AV	2.4835G	51.56	54.00	-2.44	3	Horizontal	290	2.90	-
2462MHz	Pass	PK	2.461G	115.17	Inf	-Inf	3	Horizontal	290	2.90	-
2462MHz	Pass	PK	2.4835G	60.46	74.00	-13.54	3	Horizontal	290	2.90	-
2462MHz	Pass	AV	4.924G	42.30	54.00	-11.70	3	Vertical	0	1.00	-
2462MHz	Pass	AV	7.3796G	38.22	54.00	-15.78	3	Vertical	111	1.50	-
2462MHz	Pass	PK	4.92396G	48.23	74.00	-25.77	3	Vertical	0	1.00	-
2462MHz	Pass	PK	7.38G	50.78	74.00	-23.22	3	Vertical	111	1.50	-
2462MHz	Pass	AV	4.92404G	41.59	54.00	-12.41	3	Horizontal	284	2.75	-
2462MHz	Pass	AV	7.38276G	38.23	54.00	-15.77	3	Horizontal	313	1.55	-
2462MHz	Pass	PK	4.92412G	47.12	74.00	-26.88	3	Horizontal	284	2.75	-
2462MHz	Pass	PK	7.39516G	50.65	74.00	-23.35	3	Horizontal	313	1.55	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3886G	48.54	54.00	-5.46	3	Vertical	4	1.21	-
2412MHz	Pass	AV	2.4194G	102.86	Inf	-Inf	3	Vertical	4	1.21	-
2412MHz	Pass	PK	2.3884G	60.43	74.00	-13.57	3	Vertical	4	1.21	-
2412MHz	Pass	PK	2.4196G	112.01	Inf	-Inf	3	Vertical	4	1.21	-
2412MHz	Pass	AV	2.3898G	52.47	54.00	-1.53	3	Horizontal	301	1.15	-
2412MHz	Pass	AV	2.4088G	105.90	Inf	-Inf	3	Horizontal	301	1.15	-
2412MHz	Pass	PK	2.39G	67.84	74.00	-6.16	3	Horizontal	301	1.15	-
2412MHz	Pass	PK	2.4086G	115.52	Inf	-Inf	3	Horizontal	301	1.15	-
2412MHz	Pass	AV	4.82404G	32.22	54.00	-21.78	3	Vertical	8	2.03	-
2412MHz	Pass	PK	4.82114G	44.82	74.00	-29.18	3	Vertical	8	2.03	-
2412MHz	Pass	AV	4.82396G	32.87	54.00	-21.13	3	Horizontal	333	1.65	-
2412MHz	Pass	PK	4.82886G	44.32	74.00	-29.68	3	Horizontal	333	1.65	-
2417MHz	Pass	AV	2.3896G	48.16	54.00	-5.84	3	Vertical	355	1.42	-
2417MHz	Pass	AV	2.4202G	107.54	Inf	-Inf	3	Vertical	355	1.42	-
2417MHz	Pass	PK	2.3888G	61.31	74.00	-12.69	3	Vertical	355	1.42	-
2417MHz	Pass	PK	2.4196G	117.36	Inf	-Inf	3	Vertical	355	1.42	-
2417MHz	Pass	AV	2.39G	53.42	54.00	-0.58	3	Horizontal	63	1.61	-
2417MHz	Pass	AV	2.411G	107.50	Inf	-Inf	3	Horizontal	63	1.61	-
2417MHz	Pass	PK	2.39G	68.68	74.00	-5.32	3	Horizontal	63	1.61	-
2417MHz	Pass	PK	2.4106G	117.28	Inf	-Inf	3	Horizontal	63	1.61	-
2437MHz	Pass	AV	2.3898G	49.41	54.00	-4.59	3	Vertical	356	1.62	-
2437MHz	Pass	AV	2.4398G	111.92	Inf	-Inf	3	Vertical	356	1.62	-
2437MHz	Pass	AV	2.4866G	50.89	54.00	-3.11	3	Vertical	356	1.62	-
2437MHz	Pass	PK	2.3886G	61.77	74.00	-12.23	3	Vertical	356	1.62	-
2437MHz	Pass	PK	2.4402G	121.43	Inf	-Inf	3	Vertical	356	1.62	-
2437MHz	Pass	PK	2.4866G	63.67	74.00	-10.33	3	Vertical	356	1.62	-
2437MHz	Pass	AV	2.3898G	53.54	54.00	-0.46	3	Horizontal	62	1.68	-
2437MHz	Pass	AV	2.4302G	111.85	Inf	-Inf	3	Horizontal	62	1.68	-
2437MHz	Pass	AV	2.489G	53.61	54.00	-0.39	3	Horizontal	62	1.68	-
2437MHz	Pass	PK	2.3898G	66.93	74.00	-7.07	3	Horizontal	62	1.68	-
2437MHz	Pass	PK	2.4306G	122.04	Inf	-Inf	3	Horizontal	62	1.68	-
2437MHz	Pass	PK	2.489G	69.34	74.00	-4.66	3	Horizontal	62	1.68	-
2437MHz	Pass	AV	4.87984G	37.92	54.00	-16.08	3	Vertical	17	1.27	-
2437MHz	Pass	AV	7.31884G	40.95	54.00	-13.05	3	Vertical	8	2.86	-
2437MHz	Pass	PK	4.87968G	51.13	74.00	-22.87	3	Vertical	17	1.27	-
2437MHz	Pass	PK	7.31844G	55.47	74.00	-18.53	3	Vertical	8	2.86	-
2437MHz	Pass	AV	4.88012G	39.35	54.00	-14.65	3	Horizontal	328	2.74	-
2437MHz	Pass	AV	7.31288G	43.67	54.00	-10.33	3	Horizontal	51	1.00	-
2437MHz	Pass	PK	4.8796G	52.10	74.00	-21.90	3	Horizontal	328	2.74	-
2437MHz	Pass	PK	7.31256G	57.64	74.00	-16.36	3	Horizontal	51	1.00	-
2457MHz	Pass	AV	2.4596G	108.22	Inf	-Inf	3	Vertical	356	1.50	-

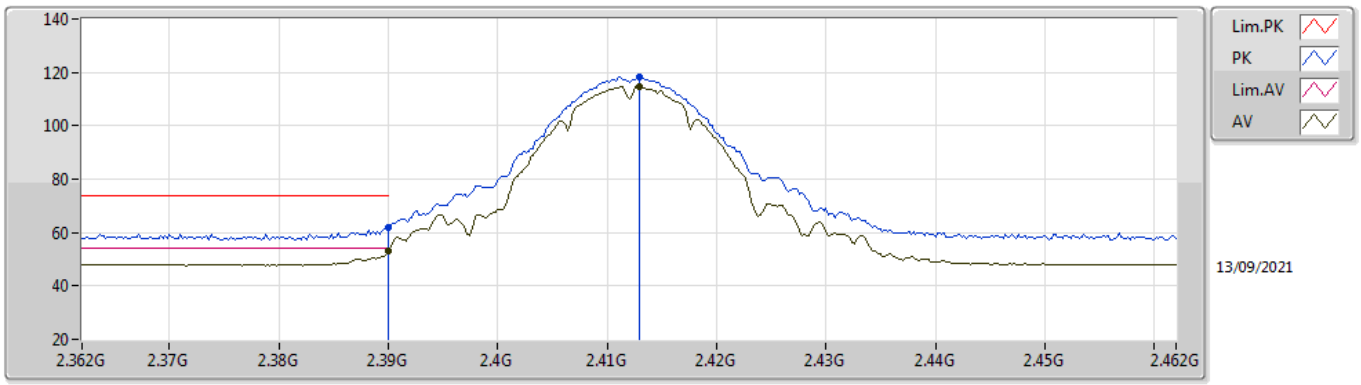
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	AV	2.4862G	50.90	54.00	-3.10	3	Vertical	356	1.50	-
2457MHz	Pass	PK	2.4596G	117.86	Inf	-Inf	3	Vertical	356	1.50	-
2457MHz	Pass	PK	2.4864G	65.74	74.00	-8.26	3	Vertical	356	1.50	-
2457MHz	Pass	AV	2.4504G	109.31	Inf	-Inf	3	Horizontal	64	1.34	-
2457MHz	Pass	AV	2.488G	52.96	54.00	-1.04	3	Horizontal	64	1.34	-
2457MHz	Pass	PK	2.4508G	119.05	Inf	-Inf	3	Horizontal	64	1.34	-
2457MHz	Pass	PK	2.49G	68.28	74.00	-5.72	3	Horizontal	64	1.34	-
2462MHz	Pass	AV	2.4652G	106.62	Inf	-Inf	3	Vertical	354	1.54	-
2462MHz	Pass	AV	2.4835G	53.75	54.00	-0.25	3	Vertical	354	1.54	-
2462MHz	Pass	PK	2.4646G	116.52	Inf	-Inf	3	Vertical	354	1.54	-
2462MHz	Pass	PK	2.4835G	68.33	74.00	-5.67	3	Vertical	354	1.54	-
2462MHz	Pass	AV	2.4554G	107.08	Inf	-Inf	3	Horizontal	65	1.64	-
2462MHz	Pass	AV	2.4838G	48.60	54.00	-5.40	3	Horizontal	65	1.64	-
2462MHz	Pass	PK	2.455G	116.53	Inf	-Inf	3	Horizontal	65	1.64	-
2462MHz	Pass	PK	2.4844G	61.36	74.00	-12.64	3	Horizontal	65	1.64	-
2462MHz	Pass	AV	4.924G	33.41	54.00	-20.59	3	Vertical	305	1.00	-
2462MHz	Pass	AV	7.3802G	37.29	54.00	-16.71	3	Vertical	328	1.46	-
2462MHz	Pass	PK	4.92404G	45.01	74.00	-28.99	3	Vertical	305	1.00	-
2462MHz	Pass	PK	7.39456G	50.51	74.00	-23.49	3	Vertical	328	1.46	-
2462MHz	Pass	AV	4.92408G	32.01	54.00	-21.99	3	Horizontal	358	1.50	-
2462MHz	Pass	AV	7.3838G	37.31	54.00	-16.69	3	Horizontal	11	2.39	-
2462MHz	Pass	PK	4.93032G	43.88	74.00	-30.12	3	Horizontal	358	1.50	-
2462MHz	Pass	PK	7.38008G	50.67	74.00	-23.33	3	Horizontal	11	2.39	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.61	54.00	-1.39	3	Vertical	360	1.41	-
2412MHz	Pass	AV	2.4142G	106.90	Inf	-Inf	3	Vertical	360	1.41	-
2412MHz	Pass	PK	2.39G	66.68	74.00	-7.32	3	Vertical	360	1.41	-
2412MHz	Pass	PK	2.414G	120.10	Inf	-Inf	3	Vertical	360	1.41	-
2412MHz	Pass	AV	2.39G	53.19	54.00	-0.81	3	Horizontal	301	3.00	-
2412MHz	Pass	AV	2.4138G	107.19	Inf	-Inf	3	Horizontal	301	3.00	-
2412MHz	Pass	PK	2.3898G	68.43	74.00	-5.57	3	Horizontal	301	3.00	-
2412MHz	Pass	PK	2.4146G	120.13	Inf	-Inf	3	Horizontal	301	3.00	-
2412MHz	Pass	AV	4.82404G	31.18	54.00	-22.82	3	Vertical	6	2.86	-
2412MHz	Pass	PK	4.8166G	43.93	74.00	-30.07	3	Vertical	6	2.86	-
2412MHz	Pass	AV	4.82396G	32.18	54.00	-21.82	3	Horizontal	331	1.63	-
2412MHz	Pass	PK	4.83324G	44.50	74.00	-29.50	3	Horizontal	331	1.63	-
2417MHz	Pass	AV	2.39G	52.35	54.00	-1.65	3	Vertical	360	2.75	-
2417MHz	Pass	AV	2.4256G	105.49	Inf	-Inf	3	Vertical	360	2.75	-
2417MHz	Pass	PK	2.3898G	67.05	74.00	-6.95	3	Vertical	360	2.75	-
2417MHz	Pass	PK	2.4248G	117.99	Inf	-Inf	3	Vertical	360	2.75	-
2417MHz	Pass	AV	2.39G	50.33	54.00	-3.67	3	Horizontal	299	2.00	-
2417MHz	Pass	AV	2.4204G	108.97	Inf	-Inf	3	Horizontal	299	2.00	-
2417MHz	Pass	PK	2.3898G	65.60	74.00	-8.40	3	Horizontal	299	2.00	-
2417MHz	Pass	PK	2.4194G	121.86	Inf	-Inf	3	Horizontal	299	2.00	-
2437MHz	Pass	AV	2.3898G	49.05	54.00	-4.95	3	Vertical	4	1.12	-
2437MHz	Pass	AV	2.4322G	108.74	Inf	-Inf	3	Vertical	4	1.12	-
2437MHz	Pass	AV	2.4835G	49.43	54.00	-4.57	3	Vertical	4	1.12	-
2437MHz	Pass	PK	2.3898G	61.25	74.00	-12.75	3	Vertical	4	1.12	-
2437MHz	Pass	PK	2.4322G	122.41	Inf	-Inf	3	Vertical	4	1.12	-
2437MHz	Pass	PK	2.4842G	63.86	74.00	-10.14	3	Vertical	4	1.12	-
2437MHz	Pass	AV	2.3898G	48.63	54.00	-5.37	3	Horizontal	298	2.20	-
2437MHz	Pass	AV	2.441G	110.80	Inf	-Inf	3	Horizontal	298	2.20	-
2437MHz	Pass	AV	2.4835G	52.27	54.00	-1.73	3	Horizontal	298	2.20	-
2437MHz	Pass	PK	2.3898G	60.20	74.00	-13.80	3	Horizontal	298	2.20	-
2437MHz	Pass	PK	2.4422G	123.38	Inf	-Inf	3	Horizontal	298	2.20	-
2437MHz	Pass	PK	2.4838G	67.97	74.00	-6.03	3	Horizontal	298	2.20	-
2437MHz	Pass	AV	4.8666G	34.89	54.00	-19.11	3	Vertical	18	1.28	-
2437MHz	Pass	AV	7.31768G	37.71	54.00	-16.29	3	Vertical	332	1.00	-
2437MHz	Pass	PK	4.86844G	50.54	74.00	-23.46	3	Vertical	18	1.28	-
2437MHz	Pass	PK	7.31696G	52.94	74.00	-21.06	3	Vertical	332	1.00	-
2437MHz	Pass	AV	4.86782G	34.81	54.00	-19.19	3	Horizontal	66	1.50	-
2437MHz	Pass	AV	7.31214G	37.91	54.00	-16.09	3	Horizontal	340	1.33	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	4.86992G	50.66	74.00	-23.34	3	Horizontal	66	1.50	-
2437MHz	Pass	PK	7.31448G	52.53	74.00	-21.47	3	Horizontal	340	1.33	-
2457MHz	Pass	AV	2.4588G	109.02	Inf	-Inf	3	Vertical	0	1.50	-
2457MHz	Pass	AV	2.487G	52.40	54.00	-1.60	3	Vertical	0	1.50	-
2457MHz	Pass	PK	2.4594G	122.34	Inf	-Inf	3	Vertical	0	1.50	-
2457MHz	Pass	PK	2.4868G	66.71	74.00	-7.29	3	Vertical	0	1.50	-
2457MHz	Pass	AV	2.4536G	110.48	Inf	-Inf	3	Horizontal	301	1.28	-
2457MHz	Pass	AV	2.4874G	53.56	54.00	-0.44	3	Horizontal	301	1.28	-
2457MHz	Pass	PK	2.4546G	123.48	Inf	-Inf	3	Horizontal	301	1.28	-
2457MHz	Pass	PK	2.487G	68.62	74.00	-5.38	3	Horizontal	301	1.28	-
2462MHz	Pass	AV	2.464G	106.42	Inf	-Inf	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4835G	53.72	54.00	-0.28	3	Vertical	360	1.50	-
2462MHz	Pass	PK	2.4634G	119.86	Inf	-Inf	3	Vertical	360	1.50	-
2462MHz	Pass	PK	2.4835G	71.19	74.00	-2.81	3	Vertical	360	1.50	-
2462MHz	Pass	AV	2.4588G	107.06	Inf	-Inf	3	Horizontal	298	1.46	-
2462MHz	Pass	AV	2.4856G	49.71	54.00	-4.29	3	Horizontal	298	1.46	-
2462MHz	Pass	PK	2.4596G	120.15	Inf	-Inf	3	Horizontal	298	1.46	-
2462MHz	Pass	PK	2.4838G	63.20	74.00	-10.80	3	Horizontal	298	1.46	-
2462MHz	Pass	AV	4.92394G	33.04	54.00	-20.96	3	Vertical	305	1.00	-
2462MHz	Pass	AV	7.39878G	37.03	54.00	-16.97	3	Vertical	253	1.50	-
2462MHz	Pass	PK	4.92448G	43.91	74.00	-30.09	3	Vertical	305	1.00	-
2462MHz	Pass	PK	7.39002G	50.27	74.00	-23.73	3	Vertical	253	1.50	-
2462MHz	Pass	AV	4.9171G	30.56	54.00	-23.44	3	Horizontal	108	1.50	-
2462MHz	Pass	AV	7.37814G	36.91	54.00	-17.09	3	Horizontal	322	1.50	-
2462MHz	Pass	PK	4.91374G	43.89	74.00	-30.11	3	Horizontal	108	1.50	-
2462MHz	Pass	PK	7.3977G	50.65	74.00	-23.35	3	Horizontal	322	1.50	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.41	54.00	-1.59	3	Vertical	2	1.13	-
2422MHz	Pass	AV	2.4368G	102.28	Inf	-Inf	3	Vertical	2	1.13	-
2422MHz	Pass	AV	2.484G	48.15	54.00	-5.85	3	Vertical	2	1.13	-
2422MHz	Pass	PK	2.3896G	68.18	74.00	-5.82	3	Vertical	2	1.13	-
2422MHz	Pass	PK	2.438G	114.34	Inf	-Inf	3	Vertical	2	1.13	-
2422MHz	Pass	PK	2.4868G	60.03	74.00	-13.97	3	Vertical	2	1.13	-
2422MHz	Pass	AV	2.39G	53.72	54.00	-0.28	3	Horizontal	300	3.00	-
2422MHz	Pass	AV	2.4312G	103.14	Inf	-Inf	3	Horizontal	300	3.00	-
2422MHz	Pass	AV	2.4856G	48.40	54.00	-5.60	3	Horizontal	300	3.00	-
2422MHz	Pass	PK	2.39G	67.82	74.00	-6.18	3	Horizontal	300	3.00	-
2422MHz	Pass	PK	2.4308G	117.33	Inf	-Inf	3	Horizontal	300	3.00	-
2422MHz	Pass	PK	2.4908G	60.80	74.00	-13.20	3	Horizontal	300	3.00	-
2422MHz	Pass	AV	4.84408G	31.62	54.00	-22.38	3	Vertical	48	3.00	-
2422MHz	Pass	AV	7.25096G	37.09	54.00	-16.91	3	Vertical	0	2.26	-
2422MHz	Pass	PK	4.82744G	43.87	74.00	-30.13	3	Vertical	48	3.00	-
2422MHz	Pass	PK	7.26896G	50.91	74.00	-23.09	3	Vertical	0	2.26	-
2422MHz	Pass	AV	4.844G	32.15	54.00	-21.85	3	Horizontal	329	1.76	-
2422MHz	Pass	AV	7.25142G	36.80	54.00	-17.20	3	Horizontal	360	1.56	-
2422MHz	Pass	PK	4.84424G	44.05	74.00	-29.95	3	Horizontal	329	1.76	-
2422MHz	Pass	PK	7.26588G	50.25	74.00	-23.75	3	Horizontal	360	1.56	-
2427MHz	Pass	AV	2.3898G	52.37	54.00	-1.63	3	Vertical	360	1.62	-
2427MHz	Pass	AV	2.4294G	104.87	Inf	-Inf	3	Vertical	360	1.62	-
2427MHz	Pass	AV	2.4878G	48.72	54.00	-5.28	3	Vertical	360	1.62	-
2427MHz	Pass	PK	2.3898G	67.09	74.00	-6.91	3	Vertical	360	1.62	-
2427MHz	Pass	PK	2.429G	116.83	Inf	-Inf	3	Vertical	360	1.62	-
2427MHz	Pass	PK	2.4882G	62.36	74.00	-11.64	3	Vertical	360	1.62	-
2427MHz	Pass	AV	2.3898G	52.54	54.00	-1.46	3	Horizontal	302	2.74	-
2427MHz	Pass	AV	2.4298G	105.77	Inf	-Inf	3	Horizontal	302	2.74	-
2427MHz	Pass	AV	2.4878G	49.23	54.00	-4.77	3	Horizontal	302	2.74	-
2427MHz	Pass	PK	2.3886G	66.82	74.00	-7.18	3	Horizontal	302	2.74	-
2427MHz	Pass	PK	2.4294G	118.25	Inf	-Inf	3	Horizontal	302	2.74	-
2427MHz	Pass	PK	2.4894G	62.44	74.00	-11.56	3	Horizontal	302	2.74	-
2437MHz	Pass	AV	2.3898G	53.10	54.00	-0.90	3	Vertical	5	1.11	-
2437MHz	Pass	AV	2.4318G	103.86	Inf	-Inf	3	Vertical	5	1.11	-
2437MHz	Pass	AV	2.4906G	53.19	54.00	-0.81	3	Vertical	5	1.11	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.3898G	66.09	74.00	-7.91	3	Vertical	5	1.11	-
2437MHz	Pass	PK	2.4314G	117.11	Inf	-Inf	3	Vertical	5	1.11	-
2437MHz	Pass	PK	2.4914G	67.36	74.00	-6.64	3	Vertical	5	1.11	-
2437MHz	Pass	AV	2.3898G	48.69	54.00	-5.31	3	Horizontal	90	1.11	-
2437MHz	Pass	AV	2.4362G	105.50	Inf	-Inf	3	Horizontal	90	1.11	-
2437MHz	Pass	AV	2.4878G	51.44	54.00	-2.56	3	Horizontal	90	1.11	-
2437MHz	Pass	PK	2.3898G	61.21	74.00	-12.79	3	Horizontal	90	1.11	-
2437MHz	Pass	PK	2.4366G	118.29	Inf	-Inf	3	Horizontal	90	1.11	-
2437MHz	Pass	PK	2.487G	64.48	74.00	-9.52	3	Horizontal	90	1.11	-
2437MHz	Pass	AV	4.874G	32.22	54.00	-21.78	3	Vertical	43	2.94	-
2437MHz	Pass	AV	7.30932G	36.60	54.00	-17.40	3	Vertical	182	2.16	-
2437MHz	Pass	PK	4.8599G	43.98	74.00	-30.02	3	Vertical	43	2.94	-
2437MHz	Pass	PK	7.2975G	50.92	74.00	-23.08	3	Vertical	182	2.16	-
2437MHz	Pass	AV	4.87394G	31.82	54.00	-22.18	3	Horizontal	328	1.85	-
2437MHz	Pass	AV	7.30872G	36.58	54.00	-17.42	3	Horizontal	353	1.69	-
2437MHz	Pass	PK	4.87544G	45.16	74.00	-28.84	3	Horizontal	328	1.85	-
2437MHz	Pass	PK	7.31358G	50.02	74.00	-23.98	3	Horizontal	353	1.69	-
2447MHz	Pass	AV	2.3898G	47.70	54.00	-6.30	3	Vertical	360	1.58	-
2447MHz	Pass	AV	2.449G	103.74	Inf	-Inf	3	Vertical	360	1.58	-
2447MHz	Pass	AV	2.4886G	52.05	54.00	-1.95	3	Vertical	360	1.58	-
2447MHz	Pass	PK	2.3474G	59.19	74.00	-14.81	3	Vertical	360	1.58	-
2447MHz	Pass	PK	2.449G	116.77	Inf	-Inf	3	Vertical	360	1.58	-
2447MHz	Pass	PK	2.4898G	68.10	74.00	-5.90	3	Vertical	360	1.58	-
2447MHz	Pass	AV	2.3486G	47.45	54.00	-6.55	3	Horizontal	62	1.50	-
2447MHz	Pass	AV	2.453G	104.75	Inf	-Inf	3	Horizontal	62	1.50	-
2447MHz	Pass	AV	2.4906G	50.72	54.00	-3.28	3	Horizontal	62	1.50	-
2447MHz	Pass	PK	2.3542G	59.57	74.00	-14.43	3	Horizontal	62	1.50	-
2447MHz	Pass	PK	2.4538G	117.84	Inf	-Inf	3	Horizontal	62	1.50	-
2447MHz	Pass	PK	2.4835G	65.26	74.00	-8.74	3	Horizontal	62	1.50	-
2452MHz	Pass	AV	2.3528G	47.46	54.00	-6.54	3	Vertical	360	1.56	-
2452MHz	Pass	AV	2.454G	102.93	Inf	-Inf	3	Vertical	360	1.56	-
2452MHz	Pass	AV	2.4835G	48.55	54.00	-5.45	3	Vertical	360	1.56	-
2452MHz	Pass	PK	2.3752G	59.70	74.00	-14.30	3	Vertical	360	1.56	-
2452MHz	Pass	PK	2.4548G	115.14	Inf	-Inf	3	Vertical	360	1.56	-
2452MHz	Pass	PK	2.4868G	62.17	74.00	-11.83	3	Vertical	360	1.56	-
2452MHz	Pass	AV	2.3532G	47.45	54.00	-6.55	3	Horizontal	299	1.47	-
2452MHz	Pass	AV	2.4488G	103.83	Inf	-Inf	3	Horizontal	299	1.47	-
2452MHz	Pass	AV	2.4888G	52.01	54.00	-1.99	3	Horizontal	299	1.47	-
2452MHz	Pass	PK	2.368G	59.34	74.00	-14.66	3	Horizontal	299	1.47	-
2452MHz	Pass	PK	2.4488G	117.36	Inf	-Inf	3	Horizontal	299	1.47	-
2452MHz	Pass	PK	2.4872G	70.18	74.00	-3.82	3	Horizontal	299	1.47	-
2452MHz	Pass	AV	4.904G	31.88	54.00	-22.12	3	Vertical	307	1.00	-
2452MHz	Pass	AV	7.35552G	36.72	54.00	-17.28	3	Vertical	243	1.50	-
2452MHz	Pass	PK	4.9118G	43.62	74.00	-30.38	3	Vertical	307	1.00	-
2452MHz	Pass	PK	7.37082G	50.44	74.00	-23.56	3	Vertical	243	1.50	-
2452MHz	Pass	AV	4.90394G	30.94	54.00	-23.06	3	Horizontal	0	1.50	-
2452MHz	Pass	AV	7.35828G	36.72	54.00	-17.28	3	Horizontal	265	1.50	-
2452MHz	Pass	PK	4.90394G	44.07	74.00	-29.93	3	Horizontal	0	1.50	-
2452MHz	Pass	PK	7.36146G	50.50	74.00	-23.50	3	Horizontal	265	1.50	-

802.11b_Nss1,(1Mbps)_4TX

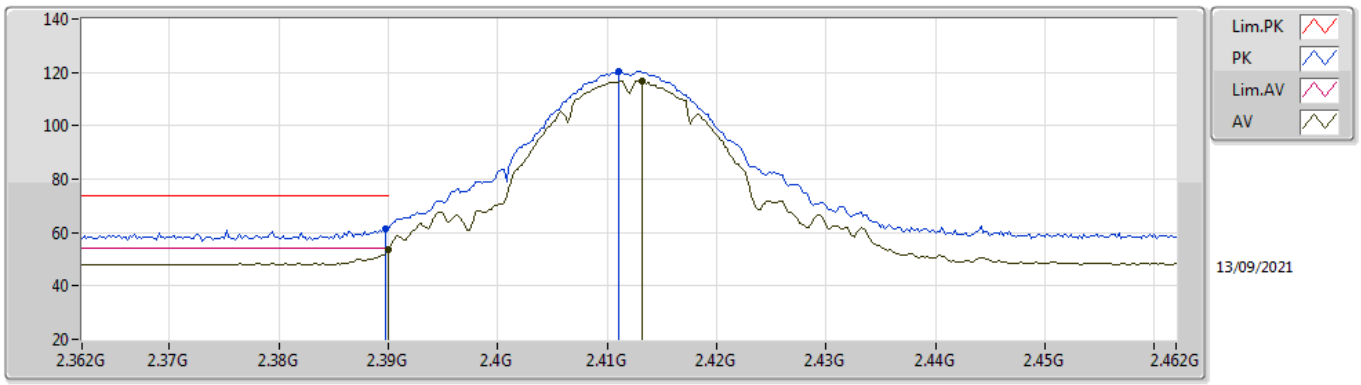
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.30	54.00	-0.70	34.98	3	Vertical	334	2.05	-	18.32	27.72	7.26	-
AV	2.413G	114.59	Inf	-Inf	34.89	3	Vertical	334	2.05	-	79.70	27.62	7.27	-
PK	2.39G	61.79	74.00	-12.21	34.98	3	Vertical	334	2.05	-	26.81	27.72	7.26	-
PK	2.413G	118.26	Inf	-Inf	34.89	3	Vertical	334	2.05	-	83.37	27.62	7.27	-

802.11b_Nss1,(1Mbps)_4TX

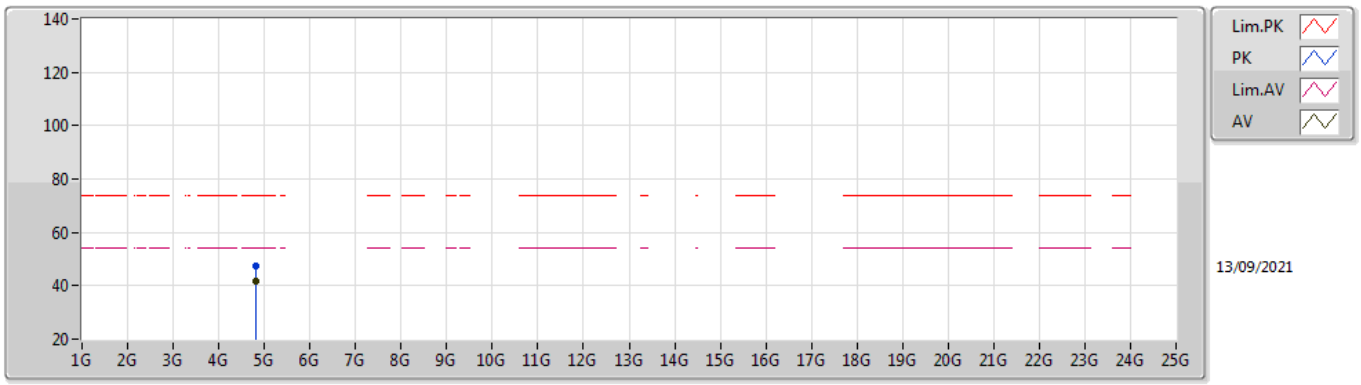
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.57	54.00	-0.43	34.98	3	Horizontal	70	1.00	-	18.59	27.72	7.26	-
AV	2.4132G	116.96	Inf	-Inf	34.89	3	Horizontal	70	1.00	-	82.07	27.62	7.27	-
PK	2.3898G	61.43	74.00	-12.57	34.98	3	Horizontal	70	1.00	-	26.45	27.72	7.26	-
PK	2.411G	120.51	Inf	-Inf	34.90	3	Horizontal	70	1.00	-	85.61	27.63	7.27	-

802.11b_Nss1,(1Mbps)_4TX

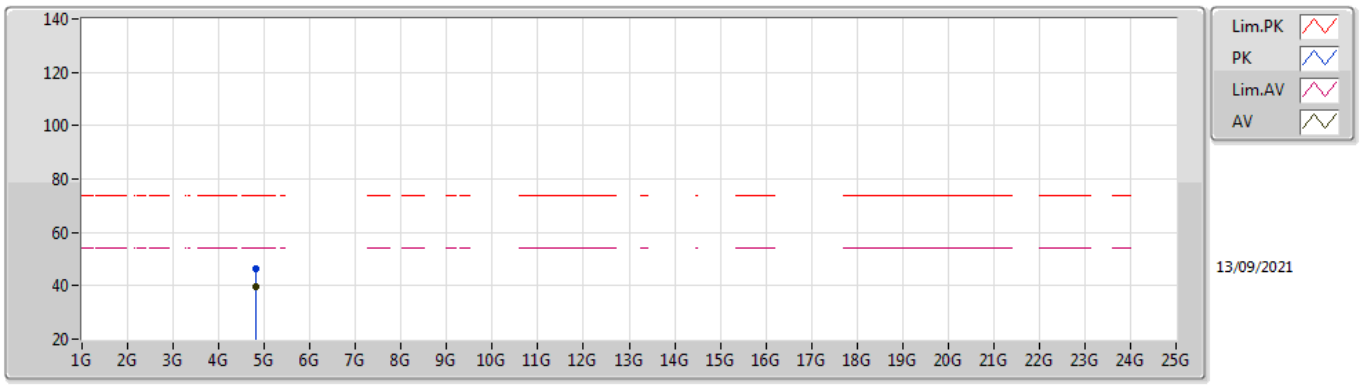
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.824G	41.84	54.00	-12.16	5.79	3	Vertical	352	2.75	-	36.05	31.15	8.92	34.28
PK	4.82404G	47.22	74.00	-26.78	5.79	3	Vertical	352	2.75	-	41.43	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_4TX

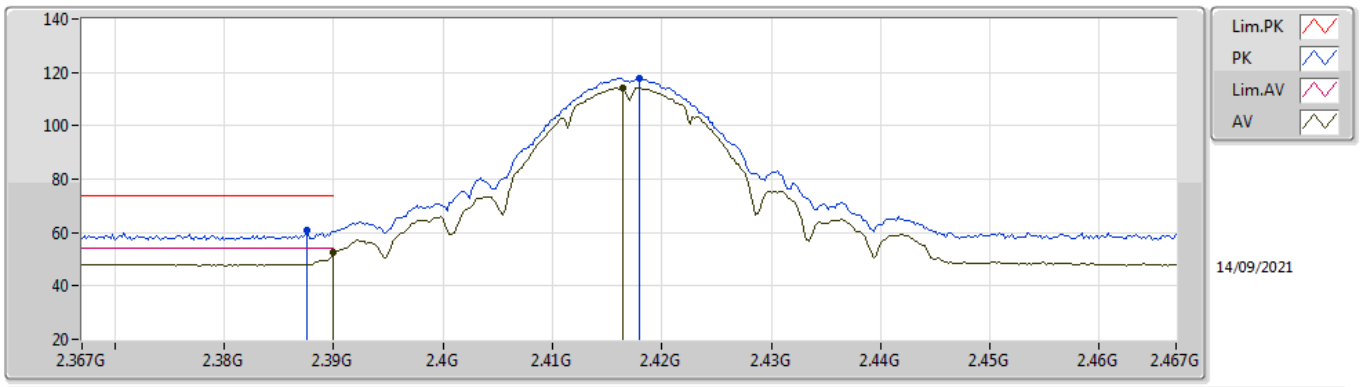
2412MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.82404G	39.69	54.00	-14.31	5.79	3	Horizontal	318	1.50	-	33.90	31.15	8.92	34.28
PK	4.82396G	46.22	74.00	-27.78	5.79	3	Horizontal	318	1.50	-	40.43	31.15	8.92	34.28

802.11b_Nss1,(1Mbps)_4TX

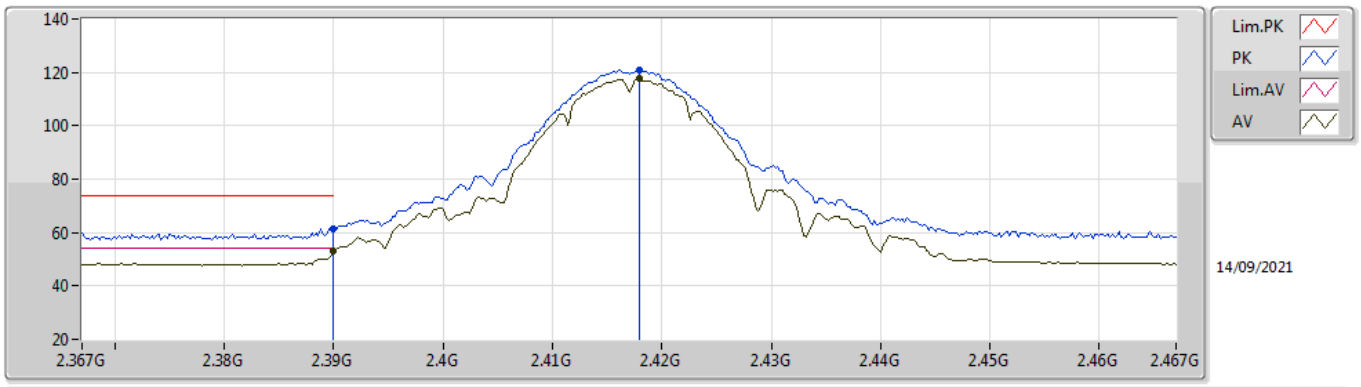
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	52.52	54.00	-1.48	34.98	3	Vertical	331	2.24	-	17.54	27.72	7.26	-
AV	2.4164G	114.37	Inf	-Inf	34.87	3	Vertical	331	2.24	-	79.50	27.60	7.27	-
PK	2.3876G	61.03	74.00	-12.97	34.97	3	Vertical	331	2.24	-	26.06	27.72	7.25	-
PK	2.418G	117.95	Inf	-Inf	34.86	3	Vertical	331	2.24	-	83.09	27.59	7.27	-

802.11b_Nss1,(1Mbps)_4TX

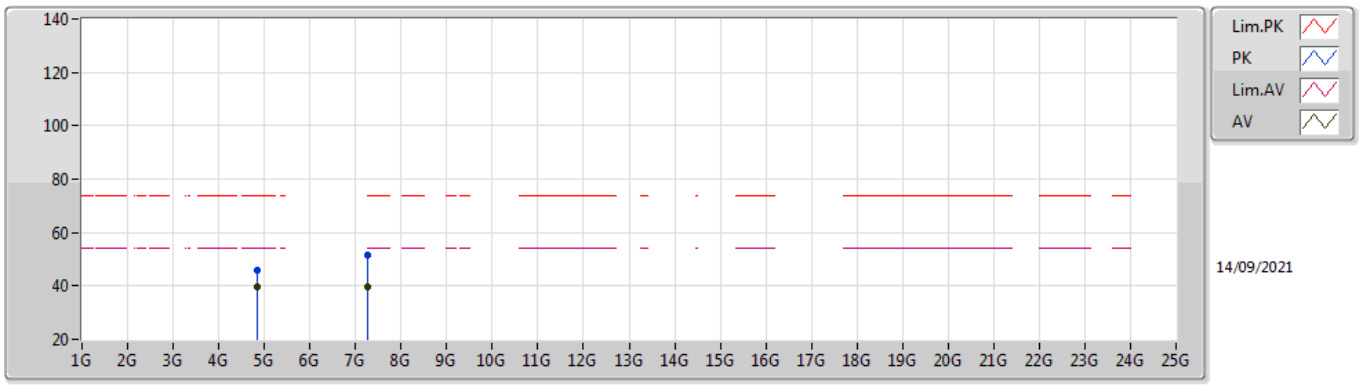
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	53.24	54.00	-0.76	34.98	3	Horizontal	70	1.10	-	18.26	27.72	7.26	-
AV	2.418G	117.82	Inf	-Inf	34.86	3	Horizontal	70	1.10	-	82.96	27.59	7.27	-
PK	2.39G	61.61	74.00	-12.39	34.98	3	Horizontal	70	1.10	-	26.63	27.72	7.26	-
PK	2.418G	121.09	Inf	-Inf	34.86	3	Horizontal	70	1.10	-	86.23	27.59	7.27	-

802.11b_Nss1,(1Mbps)_4TX

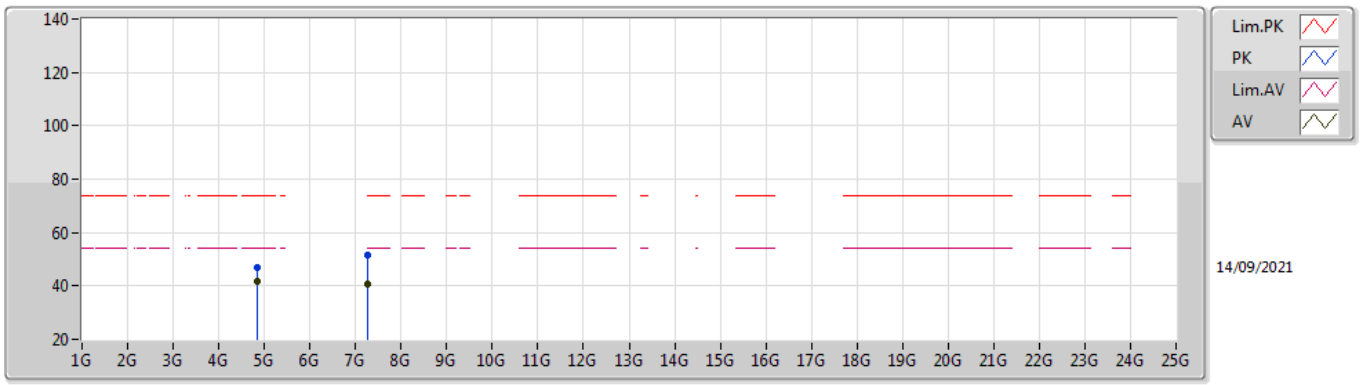
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83396G	39.45	54.00	-14.55	5.82	3	Vertical	15	1.67	-	33.63	31.17	8.93	34.28
AV	7.25228G	39.65	54.00	-14.35	12.29	3	Vertical	15	1.49	-	27.36	36.30	10.56	34.57
PK	4.83412G	45.94	74.00	-28.06	5.82	3	Vertical	15	1.67	-	40.12	31.17	8.93	34.28
PK	7.25008G	51.39	74.00	-22.61	12.29	3	Vertical	15	1.49	-	39.10	36.30	10.56	34.57

802.11b_Nss1,(1Mbps)_4TX

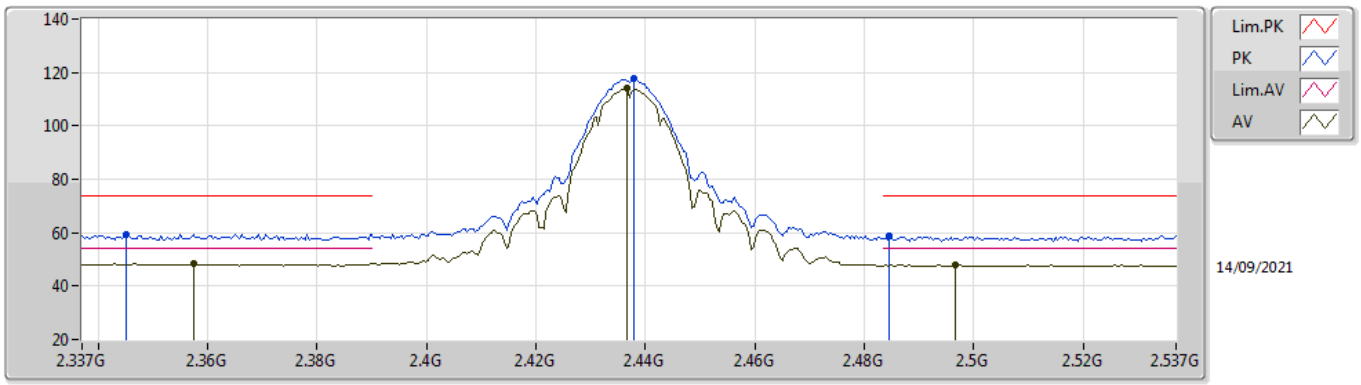
2417MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.83392G	41.84	54.00	-12.16	5.82	3	Horizontal	296	1.02	-	36.02	31.17	8.93	34.28
AV	7.2528G	40.84	54.00	-13.16	12.30	3	Horizontal	53	1.50	-	28.54	36.31	10.56	34.57
PK	4.83376G	47.12	74.00	-26.88	5.82	3	Horizontal	296	1.02	-	41.30	31.17	8.93	34.28
PK	7.25036G	51.38	74.00	-22.62	12.29	3	Horizontal	53	1.50	-	39.09	36.30	10.56	34.57

802.11b_Nss1,(1Mbps)_4TX

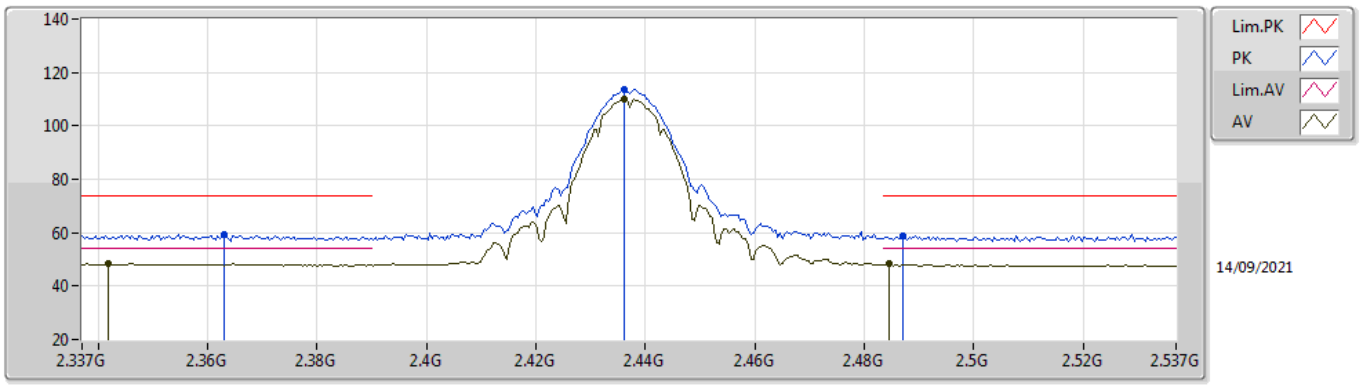
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3574G	48.38	54.00	-5.62	35.03	3	Vertical	6	1.16	-	13.35	27.79	7.24	-
AV	2.4366G	114.09	Inf	-Inf	34.77	3	Vertical	6	1.16	-	79.32	27.48	7.29	-
AV	2.4966G	47.86	54.00	-6.14	34.74	3	Vertical	6	1.16	-	13.12	27.40	7.34	-
PK	2.345G	59.50	74.00	-14.50	35.05	3	Vertical	6	1.16	-	24.45	27.81	7.24	-
PK	2.4378G	117.52	Inf	-Inf	34.76	3	Vertical	6	1.16	-	82.76	27.47	7.29	-
PK	2.4846G	58.64	74.00	-15.36	34.73	3	Vertical	6	1.16	-	23.91	27.40	7.33	-

802.11b_Nss1,(1Mbps)_4TX

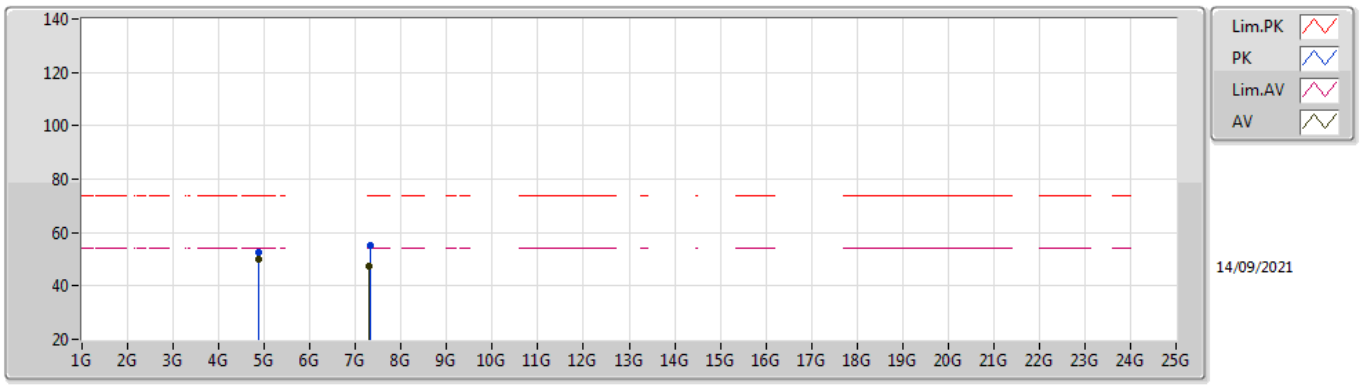
2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3418G	48.45	54.00	-5.55	35.05	3	Horizontal	264	1.49	-	13.40	27.82	7.23	-
AV	2.4362G	110.01	Inf	-Inf	34.77	3	Horizontal	264	1.49	-	75.24	27.48	7.29	-
AV	2.4846G	48.22	54.00	-5.78	34.73	3	Horizontal	264	1.49	-	13.49	27.40	7.33	-
PK	2.363G	59.41	74.00	-14.59	35.01	3	Horizontal	264	1.49	-	24.40	27.77	7.24	-
PK	2.4362G	113.56	Inf	-Inf	34.77	3	Horizontal	264	1.49	-	78.79	27.48	7.29	-
PK	2.487G	58.90	74.00	-15.10	34.73	3	Horizontal	264	1.49	-	24.17	27.40	7.33	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	4.874G	49.76	54.00	-4.24	5.90	3	Vertical	335	2.74	-	43.86	31.20	8.96	34.26
AV	7.30972G	47.25	54.00	-6.75	12.43	3	Vertical	9	1.61	-	34.82	36.38	10.62	34.57
PK	4.874G	52.83	74.00	-21.17	5.90	3	Vertical	335	2.74	-	46.93	31.20	8.96	34.26
PK	7.31196G	55.16	74.00	-18.84	12.43	3	Vertical	9	1.61	-	42.73	36.38	10.62	34.57