FCC Test Report

FCC ID	:	**TOR-C230**
Equipment	:	**802.11 a/n/ac/ax + b/g/n/ax Access Point**
Brand Name	:	**Arista**
Model Name	:	**C-230, C-230E, O-235, O-235E**
Applicant	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054**
Manufacturer	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Feb. 26, 2020, and testing was started from Mar. 05, 2020 and completed on May 27, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR9D1735AC	01	Initial issue of report	Jun. 04, 2020

Summary of Test Result

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

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

Reviewed by: Ben Tseng

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20),VHT20, ax (HEW 20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW 40)	2422-2452	3-9 [7]

Non-Beamforming
Radio 2

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

Radio 3

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT40	40	2TX

Beamforming
Radio 2

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

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

1.1.2 Antenna Information

(C-230, O-235) Internal Antenna

Ant.	Brand	Model Number	Antenna Type	Connector	Antenna Gain (dBi)			Cable Loss	Remark	
					2.4GHz	5GHz	BLE		2.4GHz	5GHz
1	Senao	5718A0507300	PIFA	I-Pex	3.80	5.98	-	N/A	Radio 2	Radio 1
2	Senao	5718A0508300	PIFA	I-Pex	5.23	5.54	-		Radio 2	Radio 1
3	Senao	5718A0509300	PIFA	I-Pex	4.44	5.97	-		Radio 3	
4	Senao	5718A0510300	PIFA	I-Pex	4.41	5.78	-		Radio 3	
5	Senao	5718A0511300	PIFA	I-Pex	-	5.54	-		-	Radio 1
6	Senao	5718A0512300	PIFA	I-Pex	-	5.53	-		-	Radio 1
7	Senao	5718A0513300	PIFA	I-Pex	-	-	3.87		-	-

(C-230E) External Antenna

Ant.	Brand	Model Number	Antenna Type	Connector	Antenna Gain (dBi)			Cable Loss		Remark	
					2.4GHz	5GHz	BLE	2.4GHz	5GHz	2.4GHz	5GHz
1	Master Wave	98619PRSX020	Dipole	Reverse SMA	2.70	5.23	-	0.46	0.88	Radio 2	Radio 1
2	Master Wave	98619PRSX020	Dipole	Reverse SMA	2.70	5.23	-	0.30	0.57	Radio 2	Radio 1
3	Master Wave	98619PRSX020	Dipole	Reverse SMA	2.70	5.23	-	0.33	0.60	Radio 3	
4	Master Wave	98619PRSX020	Dipole	Reverse SMA	2.70	5.23	-	0.57	0.95	Radio 3	
5	Master Wave	98619URSX002	Dipole	Reverse SMA	-	5.32	-	-	1.13	-	Radio 1
6	Master Wave	98619URSX002	Dipole	Reverse SMA	-	5.32	-	-	0.69	-	Radio 1
7	Senao	5718A0513300	PIFA	I-Pex	-	-	3.87	N/A		-	-

(O-235E) External Antenna

Ant.	Brand	Model Number	Antenna Type	Connector	Antenna Gain (dBi)			Cable Loss		Remark	
					2.4GHz	5GHz	BLE	2.4GHz	5GHz	2.4GHz	5GHz
1	Senao	5718A0394300	Dipole	N-type	5.5	7.2	-	0.5	1.13	Radio 2	Radio 1
2	Senao	5718A0394300	Dipole	N-type	5.5	7.2	-	0.6	1.11	Radio 2	Radio 1
3	Senao	5718A0394300	Dipole	N-type	5.5	7.2	-	0.61	1.28	Radio 3	
4	Senao	5718A0394300	Dipole	N-type	5.5	7.2	-	0.67	1.21	Radio 3	
5	Senao	5718A0137300	Dipole	N-type	-	6.3	-	-	1.7	-	Radio 1
6	Senao	5718A0137300	Dipole	N-type	-	6.3	-	-	1.11	-	Radio 1
7	Senao	5718A0513300	PIFA	I-Pex	-	-	3.87	N/A			-

For 2.4GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

For BT function:

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

Only port 1 can be used as transmitting/receiving antenna.

For 5GHz function:

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

Port 1 and port 2 could transmit/receive simultaneously.

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

Port 1, port 2, port 3 and port 4 could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	AC Adapter/PoE for C-230, C-230E PoE for O-235, O-235E			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point
Beamforming Function	☒	With beamforming	☐	Without beamforming

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

1.1.4 Table for Multiple Listing

Sample Number	Model Name	Use	Description
1	C-230	Indoor	The model C-230 and O-235 indicate that it comes with internal antennas and the model C-230E and O-235E indicates that the access point comes with external antenna connectors.
2	C-230E		
3	O-235	Outdoor	
4	O-235E		

1.1.5 Mode Test Duty Cycle

Non-Beamforming
Sample 1_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.634	1.98	665u	3k
802.11g_Nss1,(6Mbps)_2TX	0.944	0.25	1.977m	1k
VHT20_Nss1,(MCS0)_2TX	0.918	0.37	5.429m	300
VHT40_Nss1,(MCS0)_2TX	0.944	0.25	5.429m	300
802.11ax HEW20_Nss1,(MCS0)_2TX	0.923	0.35	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.903	0.44	5.446m	300

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

Sample 1_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.958	0.19	2.065m	1k
VHT20_Nss1,(MCS0)_2TX	0.959	0.18	1.933m	1k
VHT40_Nss1,(MCS0)_2TX	0.924	0.34	953.125u	3k

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

Sample 2_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.309	5.1	665.625u	3k
802.11g_Nss1,(6Mbps)_2TX	0.941	0.26	1.977m	1k
VHT20_Nss1,(MCS0)_2TX	0.925	0.34	5.43m	300
VHT40_Nss1,(MCS0)_2TX	0.932	0.31	5.43m	300
802.11ax HEW20_Nss1,(MCS0)_2TX	0.948	0.23	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.939	0.27	5.447m	300

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

Sample 2_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.965	0.15	2.065m	1k
VHT20_Nss1,(MCS0)_2TX	0.961	0.17	1.933m	1k
VHT40_Nss1,(MCS0)_2TX	0.922	0.35	953.125u	3k

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

Sample 3_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.632	1.99	665u	3k
802.11g_Nss1,(6Mbps)_2TX	0.940	0.27	1.977m	1k
VHT20_Nss1,(MCS0)_2TX	0.918	0.37	5.429m	300
VHT40_Nss1,(MCS0)_2TX	0.932	0.31	5.429m	300
802.11ax HEW20_Nss1,(MCS0)_2TX	0.901	0.45	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.965	0.15	5.446m	300

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

Sample 3_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.994	0.03	12.434m	10
802.11g_Nss1,(6Mbps)_2TX	0.964	0.16	2.067m	1k
VHT20_Nss1,(MCS0)_2TX	0.960	0.18	1.934m	1k
VHT40_Nss1,(MCS0)_2TX	0.923	0.35	954.688u	3k

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

Sample 4_Radio 2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.629	2.01	665.625u	3k
802.11g_Nss1,(6Mbps)_2TX	0.943	0.25	1.978m	1k
VHT20_Nss1,(MCS0)_2TX	0.920	0.36	5.43m	300
VHT40_Nss1,(MCS0)_2TX	0.927	0.33	5.43m	300
802.11ax HEW20_Nss1,(MCS0)_2TX	0.954	0.2	5.447m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.927	0.33	5.447m	300

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

Sample 4_Radio 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss1,(1Mbps)_2TX	0.994	0.03	12.434m	10
802.11g_Nss1,(6Mbps)_2TX	0.964	0.16	2.069m	1k
VHT20_Nss1,(MCS0)_2TX	0.962	0.17	1.937m	1k
VHT40_Nss1,(MCS0)_2TX	0.925	0.34	956.25u	3k

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	20.1~21.9°C / 68~71%	18/Mar/2020~06/Apr/2020
RF Conducted	TH06-HY	Gary Wang	20.1~26.9°C / 50~60%	08/Mar/2020~08/May/2020
Radiated	03CH02-HY	Daniel Lin	23.5~26.8°C / 43~50%	05/Mar/2020~27/May/2020

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Non-Beamforming
Radio 2

Test Software Version	QRCT 4.0

Radio 3

Test Software Version	QRCT 3.0

Non-Beamforming
Sample 1_Radio 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	17.5
2457MHz	17
2462MHz	16
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	23
2437MHz	23
2457MHz	21
2462MHz	20.5
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	23.5
2437MHz	23.5
2457MHz	21
2462MHz	21
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	22.5
2437MHz	22
2447MHz	21
2452MHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	23.5
2437MHz	23.5
2457MHz	21
2462MHz	21
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	22.5
2437MHz	22
2447MHz	21
2452MHz	20

Sample 1_Radio 3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	15
2417MHz	15
2437MHz	16
2457MHz	16
2462MHz	15.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17.5
2417MHz	19
2437MHz	21
2457MHz	18.5
2462MHz	17
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	19
2437MHz	21
2457MHz	19
2462MHz	17
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	14
2427MHz	15
2437MHz	18
2447MHz	15
2452MHz	12

Sample 2_Radio 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	25
2437MHz	25
2462MHz	25
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22.5
2417MHz	23.5
2437MHz	25
2457MHz	21
2462MHz	21
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2417MHz	23
2437MHz	25
2457MHz	21
2462MHz	21
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	20.5
2437MHz	21
2447MHz	20
2452MHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2417MHz	23
2437MHz	25
2457MHz	21
2462MHz	21
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	20.5
2437MHz	21
2447MHz	20
2452MHz	20

Sample 2_Radio 3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	14.5
2437MHz	14.5
2462MHz	14.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	16.5
2417MHz	17.5
2437MHz	21
2457MHz	19
2462MHz	17.5
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	15.5
2417MHz	18
2437MHz	21
2457MHz	20.5
2462MHz	17
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	12
2427MHz	14
2437MHz	17
2447MHz	16.5
2452MHz	13

Sample 3_Radio 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	18
2437MHz	14.5
2462MHz	16
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	22
2417MHz	23
2437MHz	25
2457MHz	22.5
2462MHz	21
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2417MHz	22.5
2437MHz	25
2457MHz	21.5
2462MHz	19.5
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	20.5
2437MHz	21.5
2447MHz	20.5
2452MHz	20.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	21.5
2417MHz	22.5
2437MHz	25
2457MHz	21.5
2462MHz	19.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	20.5
2437MHz	21.5
2447MHz	20.5
2452MHz	20.5

Sample 3_Radio 3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	17.5
2417MHz	18
2437MHz	18.5
2457MHz	18
2462MHz	17.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	17
2417MHz	18
2437MHz	21
2457MHz	19
2462MHz	18
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	18
2437MHz	21
2457MHz	20
2462MHz	17
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	14
2427MHz	14.5
2437MHz	18.5
2447MHz	18
2452MHz	13.5

Sample 4_Radio 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2437MHz	20
2462MHz	20
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	24
2417MHz	25
2437MHz	25
2457MHz	21
2462MHz	20
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	25
2457MHz	21.5
2462MHz	17
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	21.5
2437MHz	21.5
2447MHz	21
2452MHz	18
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	25
2457MHz	21.5
2462MHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	20.5
2427MHz	21.5
2437MHz	21.5
2447MHz	21
2452MHz	18

Sample 4_Radio 3

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	16.5
2417MHz	17.5
2437MHz	21
2457MHz	18.5
2462MHz	17
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	17.5
2417MHz	17.5
2437MHz	21
2457MHz	18
2462MHz	17
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	13
2427MHz	15.5
2437MHz	17.5
2447MHz	17.5
2452MHz	14.5

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
1	Sample 1 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G
2	Sample 1 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G
3	Sample 2 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G
4	Sample 2 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G
5	Sample 3 ; PoE Mode ; Radio 2 Wi-Fi 2.4G
6	Sample 3 ; PoE Mode ; Radio 3 Wi-Fi 2.4G
7	Sample 4 ; PoE Mode ; Radio 2 Wi-Fi 2.4G
8	Sample 4 ; PoE Mode ; Radio 3 Wi-Fi 2.4G

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	Non Beamforming_Indoor_Sample 1_Radio 2_Adapter Mode		
2	Non Beamforming_Indoor_Sample 1_Radio 3_Adapter Mode		
3	Non Beamforming_Indoor_Sample 2_Radio 2_Adapter Mode		
4	Non Beamforming_Indoor_Sample 2_Radio 3_Adapter Mode		
5	Non Beamforming_Outdoor_Sample 3_Radio 2_PoE Mode		
6	Non Beamforming_Outdoor_Sample 3_Radio 3_PoE Mode		
7	Non Beamforming_Outdoor_Sample 4_Radio 2_PoE Mode		
8	Non Beamforming_Outdoor_Sample 4_Radio 3_PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V	V	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	2.4G(Radio 2) + 2.4G(Radio 3) + 5G(Radio 1) + Bluetooth
2	2.4G(Radio 2) + 5G(Radio 1) + 5G(Radio 3) + Bluetooth
Refer to Sporton Test Report No.: FA9D1735 for Co-location RF Exposure Evaluation.	

2.4 Accessories

Accessories				
Bracket ceiling mount (C-230,C-230E)	Brand Name	CEN JEY	Model Name	6301A4653010
Bracket wall mount (O-235,O-235E)	Brand Name	Xiertek Industrial.Inc,	Model Name	6301A4093000

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

2.5 Support Equipment

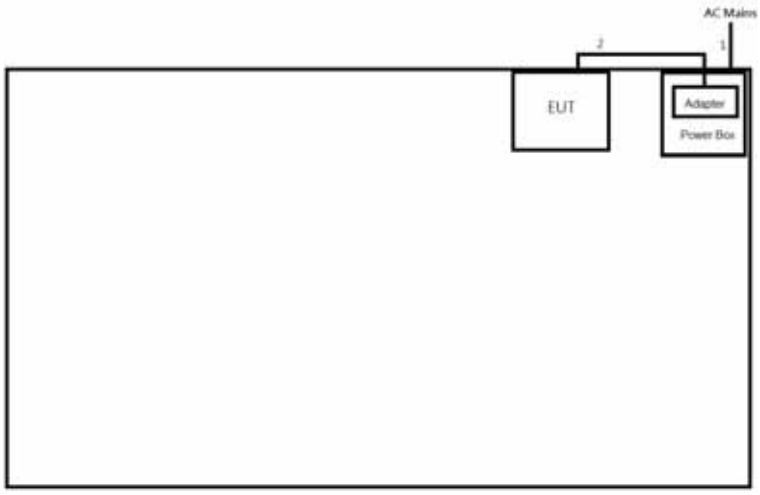
Support Equipment – AC Conduction and Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Power Cable	MAGIC	PS-018	-	Note 1
2	PoE	EnGenius	EPA5006GP	-	
3	USB 2.0 Flash	Transcend	D24425 2101	-	-
4	RJ-45 Cable	Power Sync	CAT-6E-10	-	-
5	Ground Cable	SPORTON	-	-	-
6	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1

Note 1: Support equipment was 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	-	-

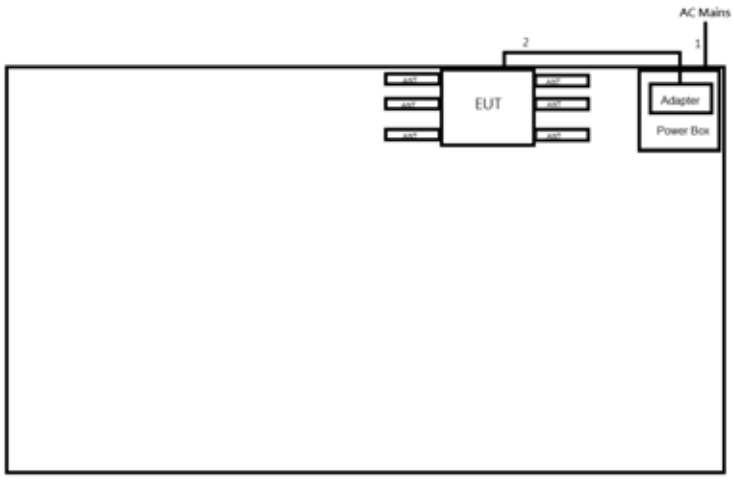
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Mode 1,2)



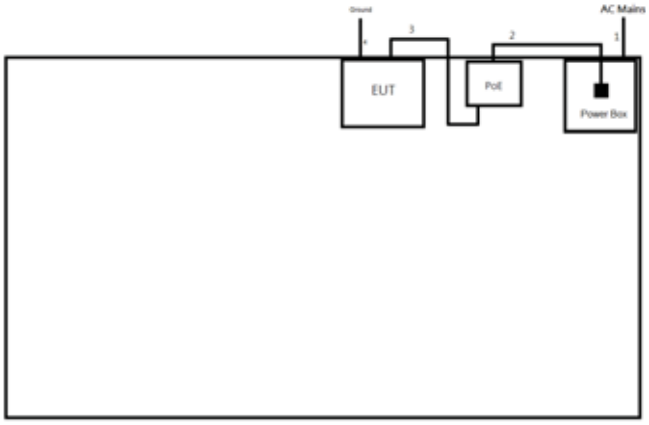
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.2	-
2	DC Power Cable	No	1.6	-

Test Setup Diagram – AC Line Conducted Emission Test (Mode 3,4)



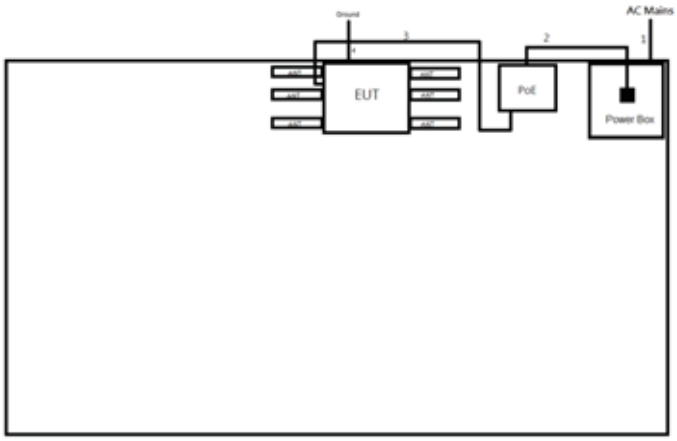
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.2	-
2	DC Power Cable	No	1.6	-

Test Setup Diagram – AC Line Conducted Emission Test (Mode 5,6)



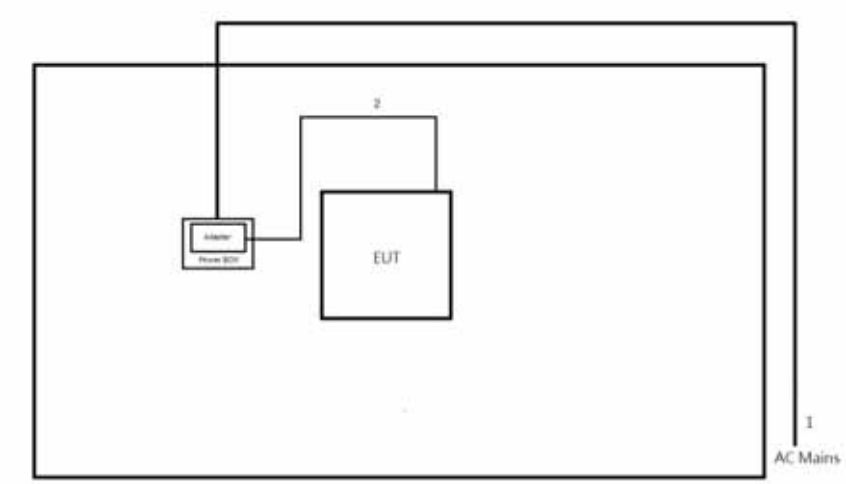
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.2	-
2	AC Power Cable	No	0.5	-
3	RJ-45 Cable	No	10.0	-
4	Ground Cable	No	2.0	-

Test Setup Diagram – AC Line Conducted Emission Test (Mode 7,8)



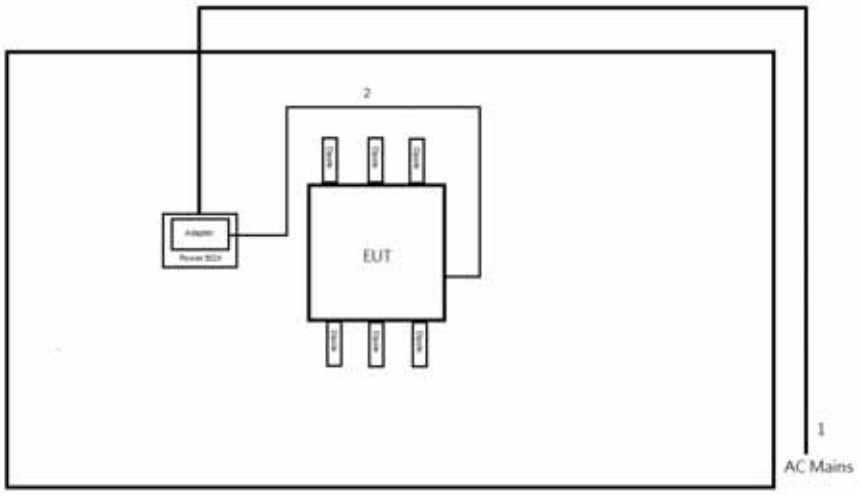
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.2	-
2	AC Power Cable	No	0.5	-
3	RJ-45 Cable	No	10.0	-
4	Ground Cable	No	2.0	-

Test Setup Diagram - Radiated Test (Mode 1,2)



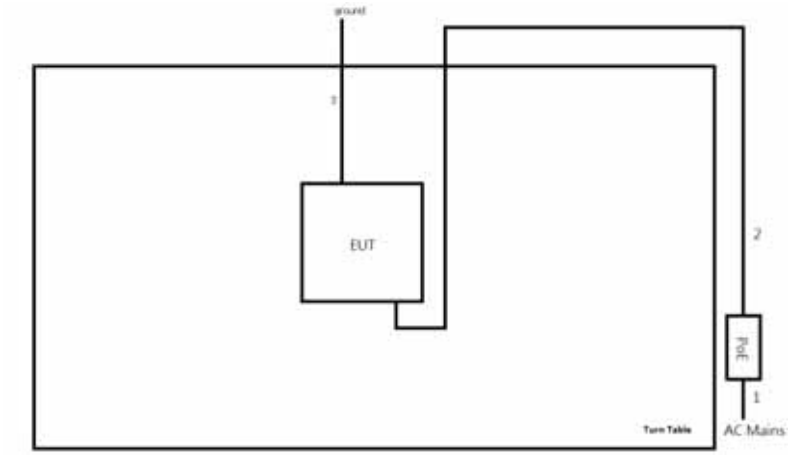
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.6	-

Test Setup Diagram - Radiated Test (Mode 3,4)



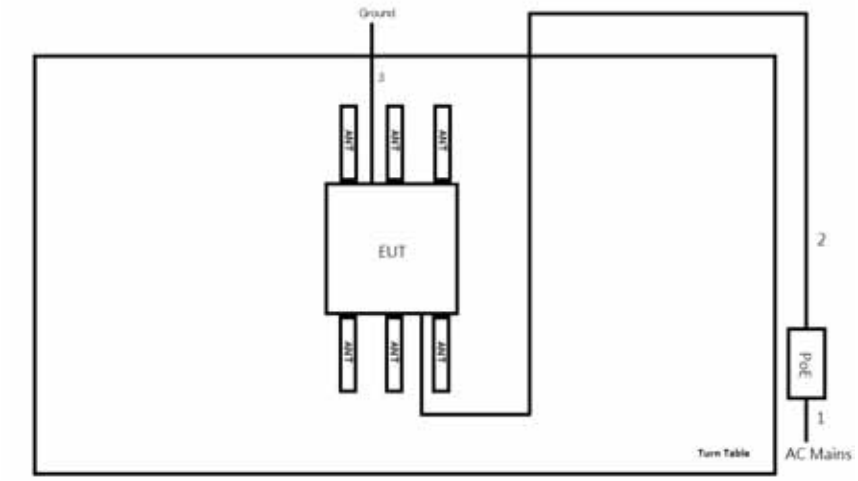
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.6	-

Test Setup Diagram - Radiated Test (Mode 5,6)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	0.5	-
2	RJ45 Cable	No	10.0	-
3	Ground Cable	No	2.0	-

Test Setup Diagram - Radiated Test (Mode 7,8)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	0.5	-
2	RJ45 Cable	No	10.0	-
3	Ground Cable	No	2.0	-

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

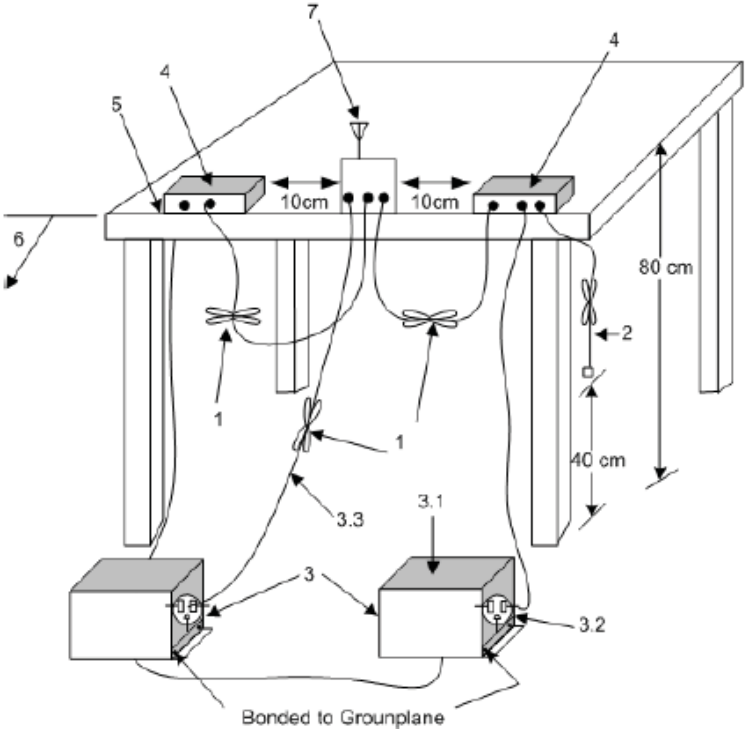
Refer a test equipment and calibration data table in this test report.

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 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 50Ωloads. 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.

3.1.5 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.

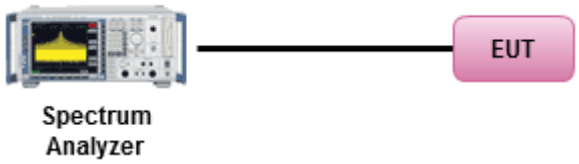
3.2.2 Measuring Instruments

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 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

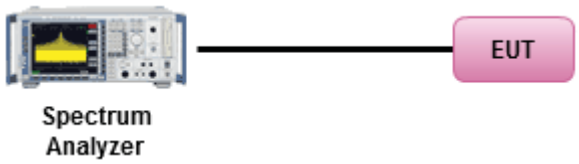
3.4.2 Measuring Instruments

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.	

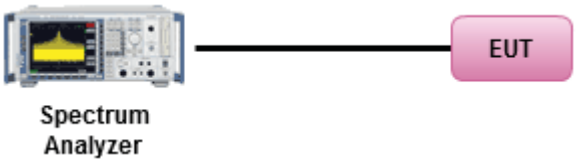
3.5.2 Measuring Instruments

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.

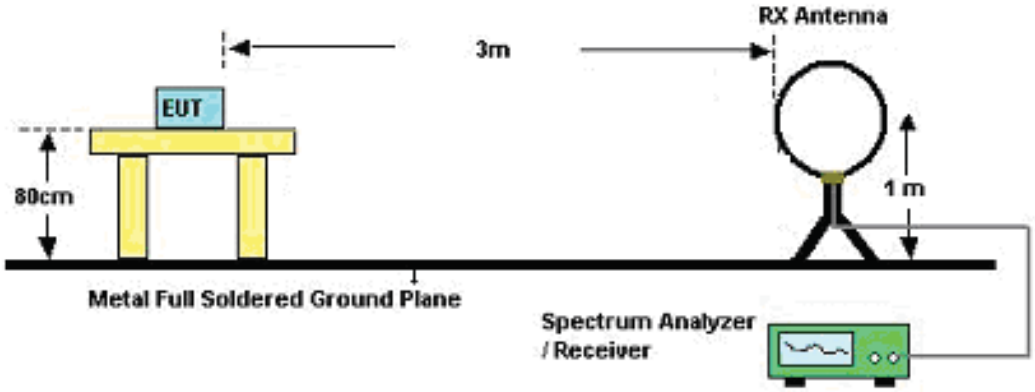
3.6.3 Test Procedures

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.

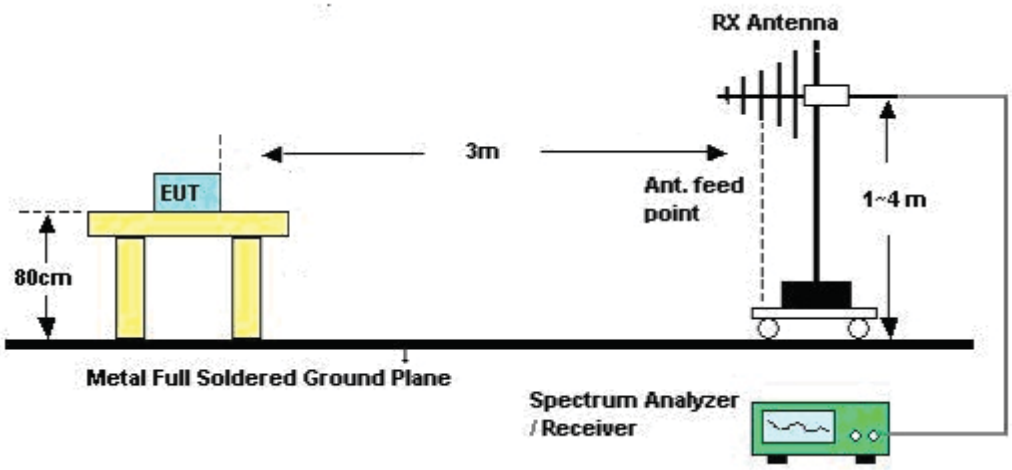
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

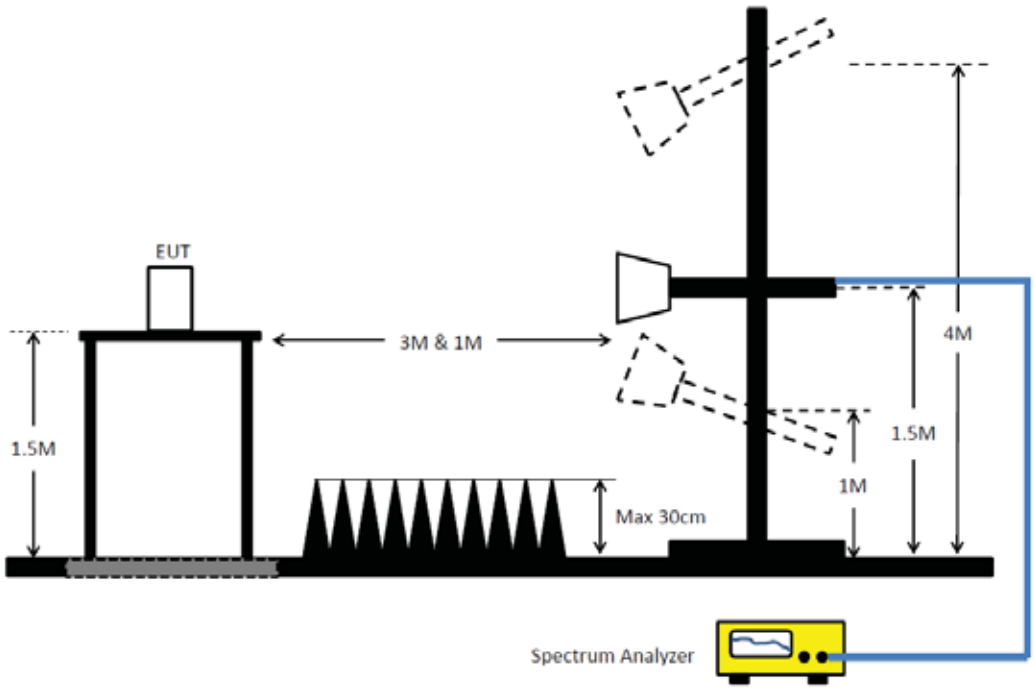
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 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.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	04/Nov/2019	05/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	12/Sep/2019	11/Sep/2020
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test

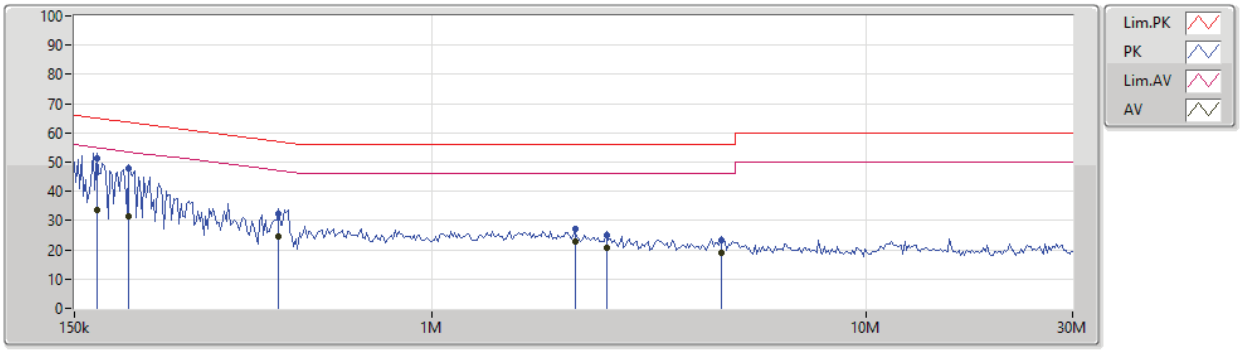
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101015	10Hz~40GHz	15/Feb/2020	14/Feb/2021
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	19/Mar/2020	18/Mar/2021
Pulse Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	17/Feb/2020	16/Feb/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	29/Aug/2019	28/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	29/Aug/2019	28/Aug/2020
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	02/Jul/2019	01/Jul/2020
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	16/Oct/2019	15/Oct/2020
Microwave Preamplifier	EMC INSTRUMENT	EMC051845BE	980241	1 GHz ~ 18 GHz	21/May/2019	20/May/2020
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9kHz - 40GHz	27/Feb/2020	26/Feb/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	28/May/2019	27/May/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	21/Mar/2020	20/Mar/2021
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	03/Apr/2020	02/Apr/2021
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	03/Apr/2020	02/Apr/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	28/Feb/2020	27/Feb/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	19/Apr/2019	18/Apr/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	16/Mar/2020	15/Mar/2021
Loop Antenna	TESEQ	HLA 6120	24155	9k-30MHz	29/Mar/2019	28/Mar/2020

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Sample 1 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G TX		

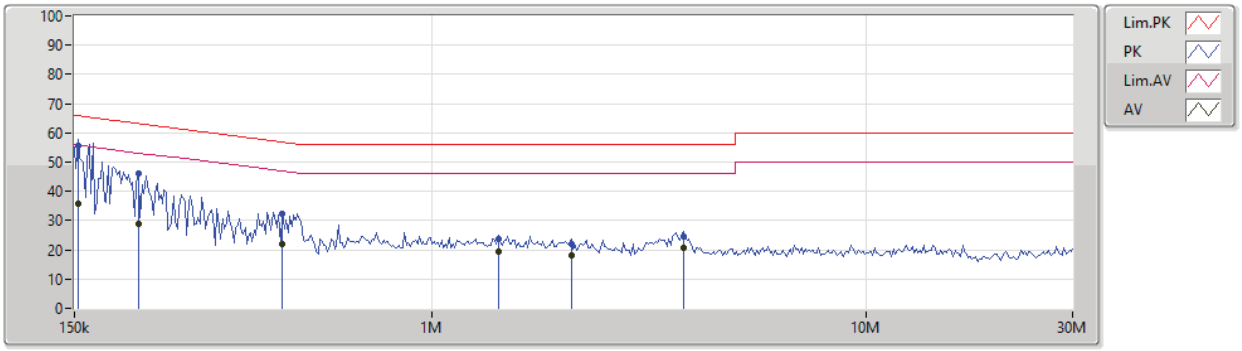
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	169.024k	51.43	65.01	-13.58	19.63	Neutral	"Worst"	31.80	9.65	0.11	9.87
AV	169.024k	33.62	55.01	-21.39	19.63	Neutral	-	13.99	9.65	0.11	9.87
QP	200.176k	47.84	63.61	-15.77	19.62	Neutral	-	28.22	9.64	0.11	9.87
AV	200.176k	31.68	53.61	-21.93	19.62	Neutral	-	12.06	9.64	0.11	9.87
QP	443.732k	32.45	56.99	-24.54	19.63	Neutral	-	12.82	9.63	0.13	9.87
AV	443.732k	24.41	46.99	-22.58	19.63	Neutral	-	4.78	9.63	0.13	9.87
QP	2.137M	26.94	56.00	-29.06	19.67	Neutral	-	7.27	9.65	0.15	9.87
AV	2.137M	22.71	46.00	-23.29	19.67	Neutral	-	3.04	9.65	0.15	9.87
QP	2.531M	24.85	56.00	-31.15	19.68	Neutral	-	5.17	9.65	0.16	9.87
AV	2.531M	20.63	46.00	-25.37	19.68	Neutral	-	0.95	9.65	0.16	9.87
QP	4.645M	23.26	56.00	-32.74	19.75	Neutral	-	3.51	9.67	0.20	9.88
AV	4.645M	19.10	46.00	-26.90	19.75	Neutral	-	-0.65	9.67	0.20	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Sample 1 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G TX		

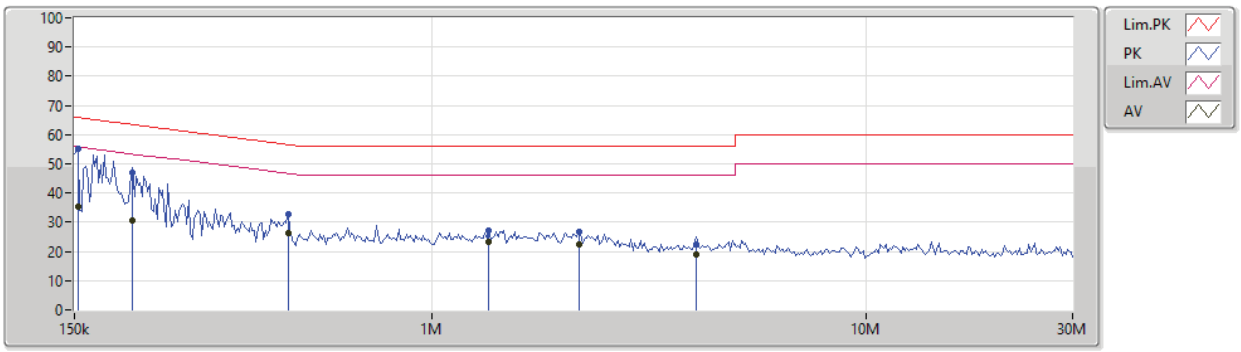
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	55.69	65.83	-10.14	19.64	Line	"Worst"	36.05	9.66	0.11	9.87
AV	153.015k	35.91	55.83	-19.92	19.64	Line	-	16.27	9.66	0.11	9.87
QP	210.387k	46.09	63.19	-17.10	19.63	Line	-	26.46	9.65	0.11	9.87
AV	210.387k	29.08	53.19	-24.11	19.63	Line	-	9.45	9.65	0.11	9.87
QP	452.651k	32.12	56.82	-24.70	19.64	Line	-	12.48	9.64	0.13	9.87
AV	452.651k	21.90	46.82	-24.92	19.64	Line	-	2.26	9.64	0.13	9.87
QP	1.421M	23.67	56.00	-32.33	19.65	Line	-	4.02	9.65	0.13	9.87
AV	1.421M	19.56	46.00	-26.44	19.65	Line	-	-0.09	9.65	0.13	9.87
QP	2.095M	22.13	56.00	-33.87	19.67	Line	-	2.46	9.65	0.15	9.87
AV	2.095M	18.27	46.00	-27.73	19.67	Line	-	-1.40	9.65	0.15	9.87
QP	3.807M	24.76	56.00	-31.24	19.72	Line	-	5.04	9.66	0.18	9.88
AV	3.807M	20.56	46.00	-25.44	19.72	Line	-	0.84	9.66	0.18	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Sample 1 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G TX		

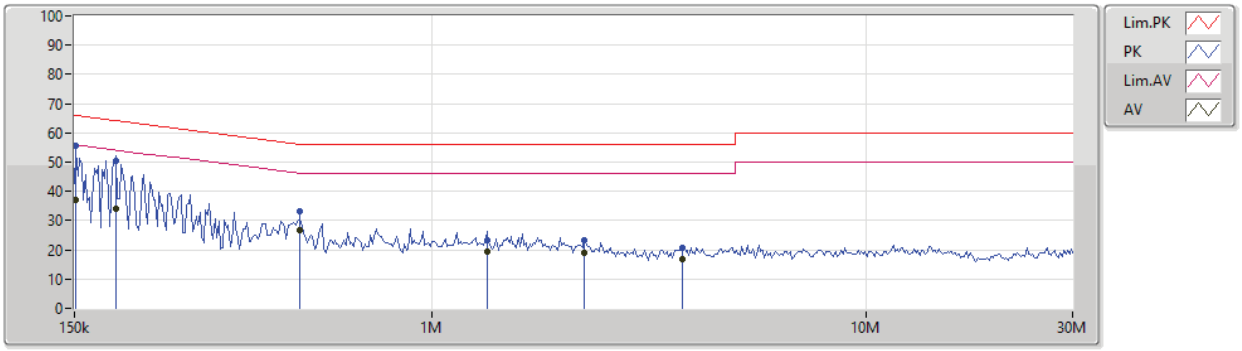
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	55.25	65.83	-10.58	19.63	Neutral	"Worst"	35.62	9.65	0.11	9.87
AV	153.015k	35.42	55.83	-20.41	19.63	Neutral	-	15.79	9.65	0.11	9.87
QP	204.199k	47.15	63.44	-16.29	19.62	Neutral	-	27.53	9.64	0.11	9.87
AV	204.199k	30.81	53.44	-22.63	19.62	Neutral	-	11.19	9.64	0.11	9.87
QP	466.367k	32.72	56.57	-23.85	19.63	Neutral	-	13.09	9.63	0.13	9.87
AV	466.367k	26.50	46.57	-20.07	19.63	Neutral	-	6.87	9.63	0.13	9.87
QP	1.352M	27.14	56.00	-28.86	19.65	Neutral	-	7.49	9.64	0.13	9.88
AV	1.352M	23.24	46.00	-22.76	19.65	Neutral	-	3.59	9.64	0.13	9.88
QP	2.18M	26.84	56.00	-29.16	19.67	Neutral	-	7.17	9.65	0.15	9.87
AV	2.18M	22.23	46.00	-23.77	19.67	Neutral	-	2.56	9.65	0.15	9.87
QP	4.081M	22.51	56.00	-33.49	19.73	Neutral	-	2.78	9.66	0.19	9.88
AV	4.081M	18.78	46.00	-27.22	19.73	Neutral	-	-0.95	9.66	0.19	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Sample 1 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G TX		

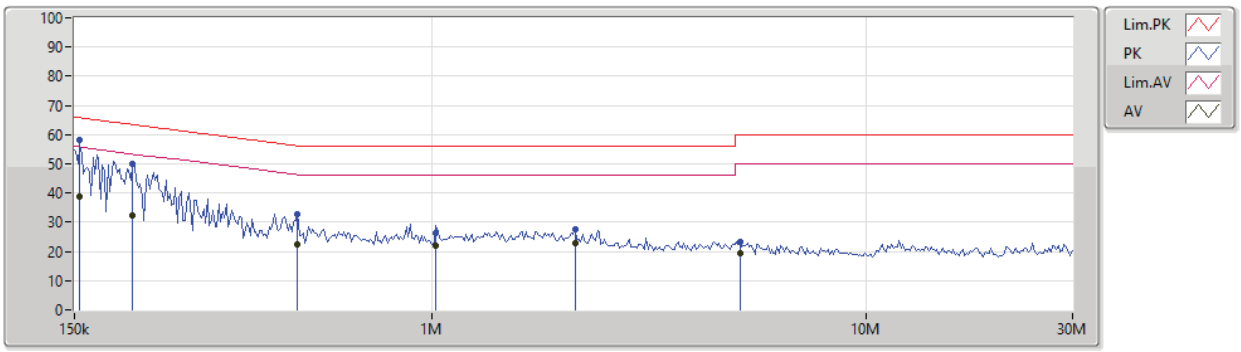
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	55.72	65.92	-10.20	19.64	Line	"Worst"	36.08	9.66	0.11	9.87
AV	151.5k	37.05	55.92	-18.87	19.64	Line	-	17.41	9.66	0.11	9.87
QP	186.707k	50.25	64.18	-13.93	19.63	Line	-	30.62	9.65	0.11	9.87
AV	186.707k	33.91	54.18	-20.27	19.63	Line	-	14.28	9.65	0.11	9.87
QP	495.058k	33.02	56.08	-23.06	19.64	Line	-	13.38	9.64	0.13	9.87
AV	495.058k	26.71	46.08	-19.37	19.64	Line	-	7.07	9.64	0.13	9.87
QP	1.339M	23.33	56.00	-32.67	19.65	Line	-	3.68	9.64	0.13	9.88
AV	1.339M	19.33	46.00	-26.67	19.65	Line	-	-0.32	9.64	0.13	9.88
QP	2.246M	23.12	56.00	-32.88	19.68	Line	-	3.44	9.65	0.16	9.87
AV	2.246M	19.11	46.00	-26.89	19.68	Line	-	-0.57	9.65	0.16	9.87
QP	3.769M	20.50	56.00	-35.50	19.72	Line	-	0.78	9.66	0.18	9.88
AV	3.769M	17.02	46.00	-28.98	19.72	Line	-	-2.70	9.66	0.18	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	Sample 2 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G TX		

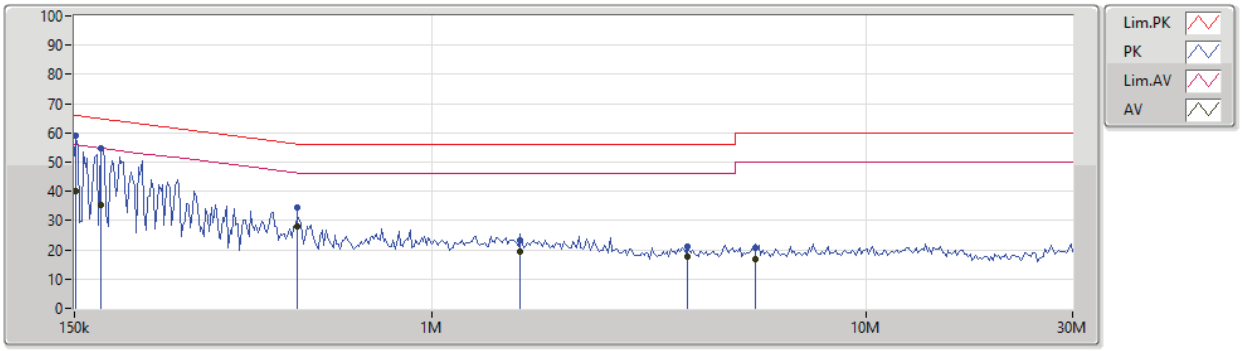
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.545k	58.01	65.75	-7.74	19.63	Neutral	"Worst"	38.38	9.65	0.11	9.87
AV	154.545k	38.79	55.75	-16.96	19.63	Neutral	-	19.16	9.65	0.11	9.87
QP	204.199k	49.95	63.44	-13.49	19.62	Neutral	-	30.33	9.64	0.11	9.87
AV	204.199k	32.28	53.44	-21.16	19.62	Neutral	-	12.66	9.64	0.11	9.87
QP	490.156k	32.59	56.17	-23.58	19.63	Neutral	-	12.96	9.63	0.13	9.87
AV	490.156k	22.44	46.17	-23.73	19.63	Neutral	-	2.81	9.63	0.13	9.87
QP	1.024M	26.43	56.00	-29.57	19.62	Neutral	-	6.81	9.63	0.11	9.88
AV	1.024M	21.91	46.00	-24.09	19.62	Neutral	-	2.29	9.63	0.11	9.88
QP	2.137M	27.39	56.00	-28.61	19.67	Neutral	-	7.72	9.65	0.15	9.87
AV	2.137M	22.63	46.00	-23.37	19.67	Neutral	-	2.96	9.65	0.15	9.87
QP	5.131M	23.38	60.00	-36.62	19.75	Neutral	-	3.63	9.67	0.20	9.88
AV	5.131M	19.34	50.00	-30.66	19.75	Neutral	-	-0.41	9.67	0.20	9.88

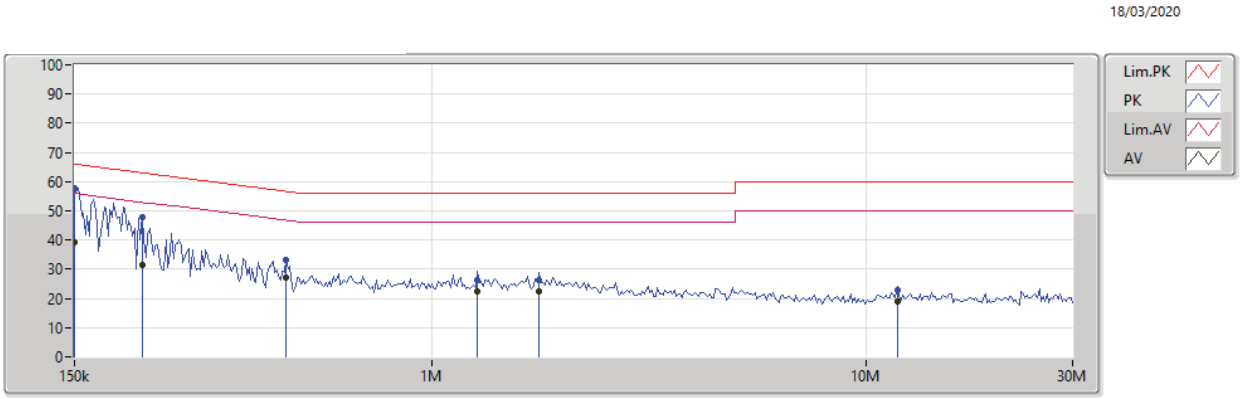
AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Line
Operating Function	Sample 2 ; Adapter Mode ; Radio 2 Wi-Fi 2.4G TX		

18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	58.91	65.92	-7.01	19.64	Line	"Worst"	39.27	9.66	0.11	9.87
AV	151.5k	40.13	55.92	-15.79	19.64	Line	-	20.49	9.66	0.11	9.87
QP	172.421k	54.67	64.83	-10.16	19.64	Line	-	35.03	9.66	0.11	9.87
AV	172.421k	35.20	54.83	-19.63	19.64	Line	-	15.56	9.66	0.11	9.87
QP	490.156k	34.55	56.17	-21.62	19.64	Line	-	14.91	9.64	0.13	9.87
AV	490.156k	28.03	46.17	-18.14	19.64	Line	-	8.39	9.64	0.13	9.87
QP	1.602M	23.13	56.00	-32.87	19.66	Line	-	3.47	9.65	0.14	9.87
AV	1.602M	19.34	46.00	-26.66	19.66	Line	-	-0.32	9.65	0.14	9.87
QP	3.883M	21.30	56.00	-34.70	19.73	Line	-	1.57	9.66	0.19	9.88
AV	3.883M	17.65	46.00	-28.35	19.73	Line	-	-2.08	9.66	0.19	9.88
QP	5.556M	20.77	60.00	-39.23	19.76	Line	-	1.01	9.67	0.21	9.88
AV	5.556M	16.94	50.00	-33.06	19.76	Line	-	-2.82	9.67	0.21	9.88

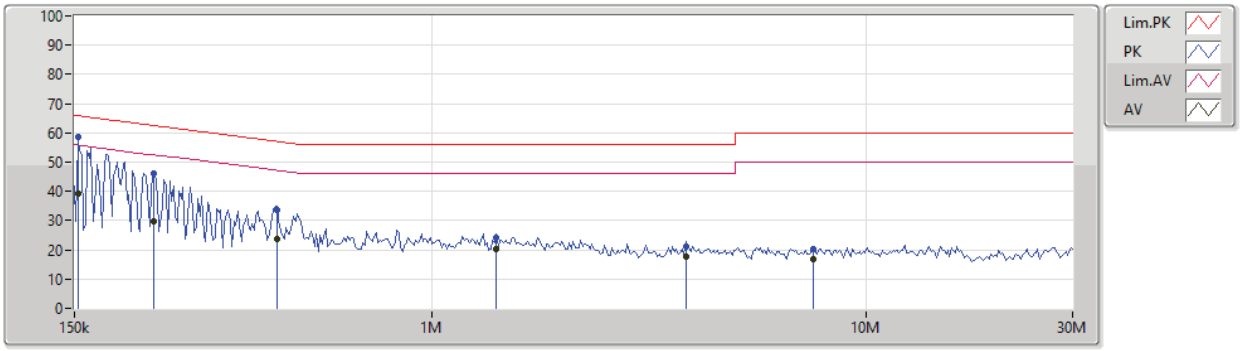
AC Power-line Conducted Emissions Result			
Operating Mode	4	**Power Phase**	Neutral
Operating Function	Sample 2 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G TX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	57.96	66.00	-8.04	19.63	Neutral	"Worst"	38.33	9.65	0.11	9.87
AV	150k	39.13	56.00	-16.87	19.63	Neutral	-	19.50	9.65	0.11	9.87
QP	214.615k	47.89	63.02	-15.13	19.62	Neutral	-	28.27	9.64	0.11	9.87
AV	214.615k	31.64	53.02	-21.38	19.62	Neutral	-	12.02	9.64	0.11	9.87
QP	461.75k	33.18	56.67	-23.49	19.63	Neutral	-	13.55	9.63	0.13	9.87
AV	461.75k	27.08	46.67	-19.59	19.63	Neutral	-	7.45	9.63	0.13	9.87
QP	1.274M	26.44	56.00	-29.56	19.64	Neutral	-	6.80	9.64	0.12	9.88
AV	1.274M	22.26	46.00	-23.74	19.64	Neutral	-	2.62	9.64	0.12	9.88
QP	1.769M	26.49	56.00	-29.51	19.66	Neutral	-	6.83	9.65	0.14	9.87
AV	1.769M	22.50	46.00	-23.50	19.66	Neutral	-	2.84	9.65	0.14	9.87
QP	11.835M	22.90	60.00	-37.10	19.87	Neutral	-	3.03	9.70	0.29	9.88
AV	11.835M	18.99	50.00	-31.01	19.87	Neutral	-	-0.88	9.70	0.29	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	4	**Power Phase**	Line
Operating Function	Sample 2 ; Adapter Mode ; Radio 3 Wi-Fi 2.4G TX		

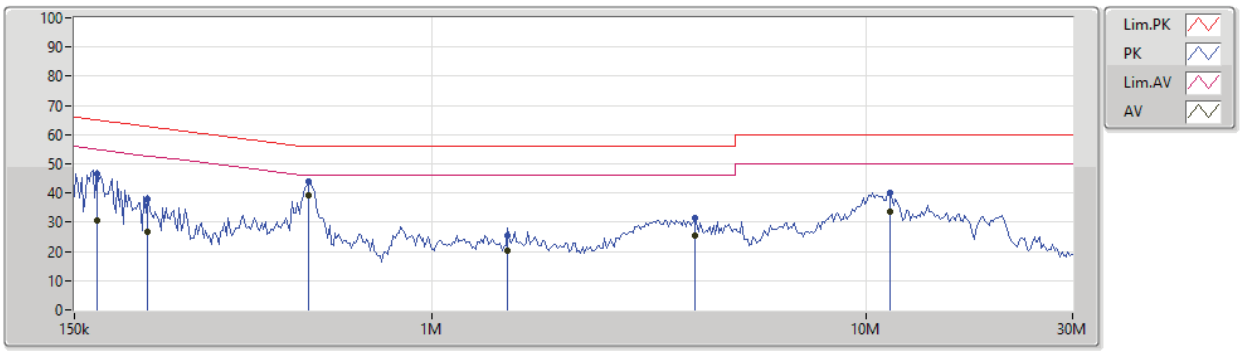
18/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	58.48	65.83	-7.35	19.64	Line	"Worst"	38.84	9.66	0.11	9.87
AV	153.015k	39.24	55.83	-16.59	19.64	Line	-	19.60	9.66	0.11	9.87
QP	227.818k	46.13	62.52	-16.39	19.64	Line	-	26.49	9.65	0.12	9.87
AV	227.818k	29.91	52.52	-22.61	19.64	Line	-	10.27	9.65	0.12	9.87
QP	439.339k	33.46	57.07	-23.61	19.64	Line	-	13.82	9.64	0.13	9.87
AV	439.339k	23.73	47.07	-23.34	19.64	Line	-	4.09	9.64	0.13	9.87
QP	1.407M	23.93	56.00	-32.07	19.65	Line	-	4.28	9.64	0.13	9.88
AV	1.407M	20.11	46.00	-25.89	19.65	Line	-	0.46	9.64	0.13	9.88
QP	3.845M	21.08	56.00	-34.92	19.73	Line	-	1.35	9.66	0.19	9.88
AV	3.845M	17.68	46.00	-28.32	19.73	Line	-	-2.05	9.66	0.19	9.88
QP	7.563M	20.06	60.00	-39.94	19.80	Line	-	0.26	9.68	0.24	9.88
AV	7.563M	16.90	50.00	-33.10	19.80	Line	-	-2.90	9.68	0.24	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	5	**Power Phase**	Neutral
Operating Function	Sample 3 ; PoE Mode ; Radio 2 Wi-Fi 2.4G TX		

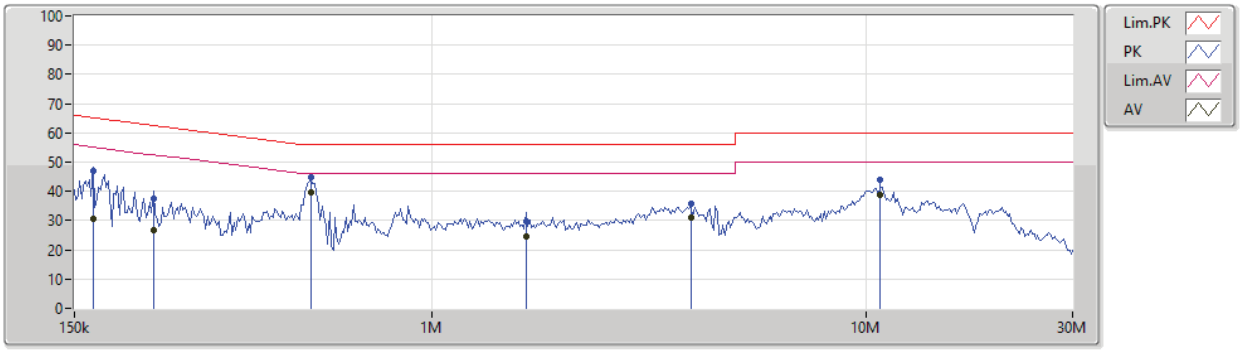
06/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	169.024k	46.34	65.01	-18.67	19.63	Neutral	-	26.71	9.65	0.11	9.87
AV	169.024k	30.80	55.01	-24.21	19.63	Neutral	-	11.17	9.65	0.11	9.87
QP	221.118k	37.79	62.77	-24.98	19.62	Neutral	-	18.17	9.64	0.11	9.87
AV	221.118k	26.54	52.77	-26.23	19.62	Neutral	-	6.92	9.64	0.11	9.87
QP	520.311k	44.07	56.00	-11.93	19.63	Neutral	-	24.44	9.63	0.13	9.87
AV	520.311k	39.05	46.00	-6.95	19.63	Neutral	"Worst"	19.42	9.63	0.13	9.87
QP	1.494M	25.25	56.00	-30.75	19.64	Neutral	-	5.61	9.64	0.13	9.87
AV	1.494M	20.11	46.00	-25.89	19.64	Neutral	-	0.47	9.64	0.13	9.87
QP	4.041M	31.38	56.00	-24.62	19.73	Neutral	-	11.65	9.66	0.19	9.88
AV	4.041M	25.59	46.00	-20.41	19.73	Neutral	-	5.86	9.66	0.19	9.88
QP	11.373M	40.19	60.00	-19.81	19.86	Neutral	-	20.33	9.70	0.28	9.88
AV	11.373M	33.80	50.00	-16.20	19.86	Neutral	-	13.94	9.70	0.28	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	5	**Power Phase**	Line
Operating Function	Sample 3 ; PoE Mode ; Radio 2 Wi-Fi 2.4G TX		

06/04/2020



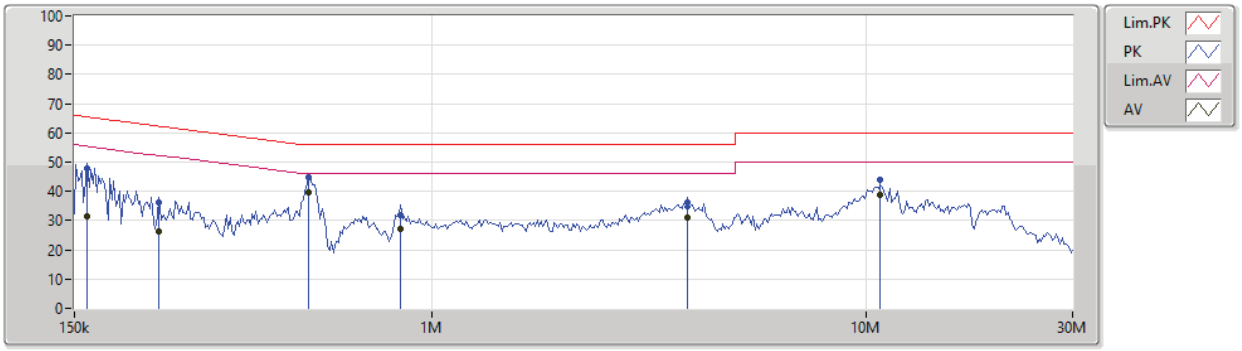
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.693k	46.96	65.18	-18.22	19.64	Line	-	27.32	9.66	0.11	9.87
AV	165.693k	30.81	55.18	-24.37	19.64	Line	-	11.17	9.66	0.11	9.87
QP	227.818k	37.45	62.52	-25.07	19.64	Line	-	17.81	9.65	0.12	9.87
AV	227.818k	26.79	52.52	-25.73	19.64	Line	-	7.15	9.65	0.12	9.87
QP	525.514k	44.97	56.00	-11.03	19.64	Line	-	25.33	9.64	0.13	9.87
AV	525.514k	39.45	46.00	-6.55	19.64	Line	"Worst"	19.81	9.64	0.13	9.87
QP	1.65M	29.61	56.00	-26.39	19.66	Line	-	9.95	9.65	0.14	9.87
AV	1.65M	24.74	46.00	-21.26	19.66	Line	-	5.08	9.65	0.14	9.87
QP	3.961M	35.81	56.00	-20.19	19.73	Line	-	16.08	9.66	0.19	9.88
AV	3.961M	30.95	46.00	-15.05	19.73	Line	-	11.22	9.66	0.19	9.88
QP	10.821M	43.90	60.00	-16.10	19.84	Line	-	24.06	9.68	0.28	9.88
AV	10.821M	38.69	50.00	-11.31	19.84	Line	-	18.85	9.68	0.28	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	6	**Power Phase**	Neutral
Operating Function	Sample 3 ; PoE Mode ; Radio 3 Wi-Fi 2.4G TX		

Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	48.37	65.83	-17.46	19.63	Neutral	-	28.74	9.65	0.11	9.87
AV	153.015k	31.12	55.83	-24.71	19.63	Neutral	-	11.49	9.65	0.11	9.87
QP	259.279k	32.75	61.45	-28.70	19.63	Neutral	-	13.12	9.64	0.12	9.87
AV	259.279k	24.80	51.45	-26.65	19.63	Neutral	-	5.17	9.64	0.12	9.87
QP	520.311k	44.08	56.00	-11.92	19.63	Neutral	-	24.45	9.63	0.13	9.87
AV	520.311k	38.96	46.00	-7.04	19.63	Neutral	"Worst"	19.33	9.63	0.13	9.87
QP	1.2M	24.57	56.00	-31.43	19.64	Neutral	-	4.93	9.64	0.12	9.88
AV	1.2M	19.37	46.00	-26.63	19.64	Neutral	-	-0.27	9.64	0.12	9.88
QP	3.622M	32.26	56.00	-23.74	19.72	Neutral	-	12.54	9.66	0.18	9.88
AV	3.622M	27.23	46.00	-18.77	19.72	Neutral	-	7.51	9.66	0.18	9.88
QP	10.714M	42.46	60.00	-17.54	19.86	Neutral	-	22.60	9.70	0.28	9.88
AV	10.714M	37.23	50.00	-12.77	19.86	Neutral	-	17.37	9.70	0.28	9.88

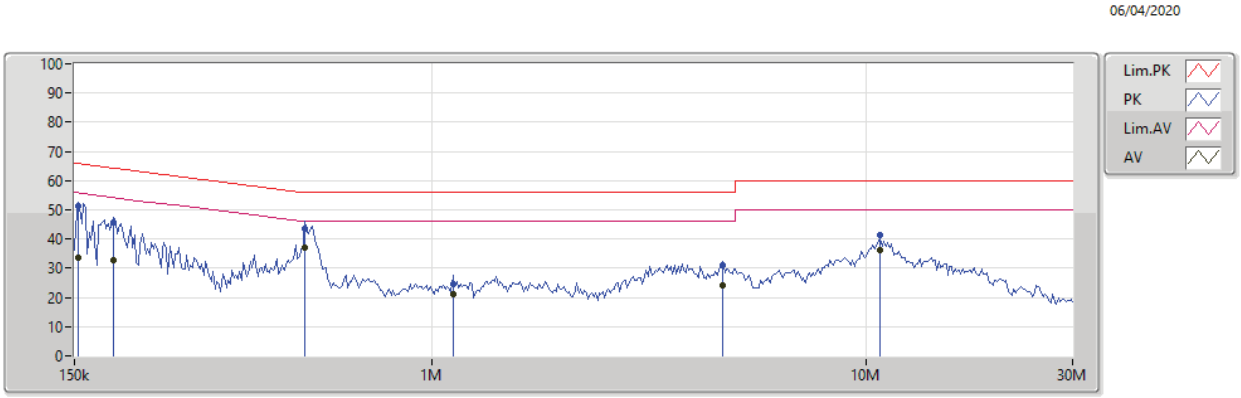
AC Power-line Conducted Emissions Result			
Operating Mode	6	**Power Phase**	Line
Operating Function	Sample 3 ; PoE Mode ; Radio 3 Wi-Fi 2.4G TX		

06/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.82k	47.79	65.43	-17.64	19.64	Line	-	28.15	9.66	0.11	9.87
AV	160.82k	31.44	55.43	-23.99	19.64	Line	-	11.80	9.66	0.11	9.87
QP	234.722k	36.29	62.27	-25.98	19.64	Line	-	16.65	9.65	0.12	9.87
AV	234.722k	26.17	52.27	-26.10	19.64	Line	-	6.53	9.65	0.12	9.87
QP	520.311k	44.93	56.00	-11.07	19.64	Line	-	25.29	9.64	0.13	9.87
AV	520.311k	39.71	46.00	-6.29	19.64	Line	"Worst"	20.07	9.64	0.13	9.87
QP	847.248k	31.75	56.00	-24.25	19.62	Line	-	12.13	9.64	0.11	9.87
AV	847.248k	27.31	46.00	-18.69	19.62	Line	-	7.69	9.64	0.11	9.87
QP	3.883M	36.05	56.00	-19.95	19.73	Line	-	16.32	9.66	0.19	9.88
AV	3.883M	31.20	46.00	-14.80	19.73	Line	-	11.47	9.66	0.19	9.88
QP	10.821M	43.78	60.00	-16.22	19.84	Line	-	23.94	9.68	0.28	9.88
AV	10.821M	38.67	50.00	-11.33	19.84	Line	-	18.83	9.68	0.28	9.88

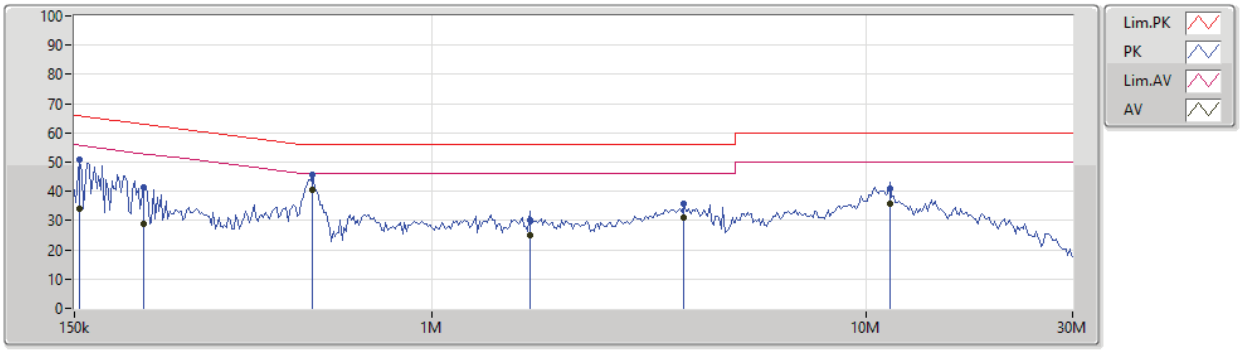
AC Power-line Conducted Emissions Result			
Operating Mode	7	**Power Phase**	Neutral
Operating Function	Sample 4 ; PoE Mode ; Radio 2 Wi-Fi 2.4G TX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	51.30	65.83	-14.53	19.63	Neutral	-	31.67	9.65	0.11	9.87
AV	153.015k	33.81	55.83	-22.02	19.63	Neutral	-	14.18	9.65	0.11	9.87
QP	184.859k	45.54	64.26	-18.72	19.62	Neutral	-	25.92	9.64	0.11	9.87
AV	184.859k	32.88	54.26	-21.38	19.62	Neutral	-	13.26	9.64	0.11	9.87
QP	510.059k	43.67	56.00	-12.33	19.63	Neutral	-	24.04	9.63	0.13	9.87
AV	510.059k	37.00	46.00	-9.00	19.63	Neutral	"Worst"	17.37	9.63	0.13	9.87
QP	1.119M	24.46	56.00	-31.54	19.63	Neutral	-	4.83	9.63	0.12	9.88
AV	1.119M	21.03	46.00	-24.97	19.63	Neutral	-	1.40	9.63	0.12	9.88
QP	4.691M	31.08	56.00	-24.92	19.75	Neutral	-	11.33	9.67	0.20	9.88
AV	4.691M	24.23	46.00	-21.77	19.75	Neutral	-	4.48	9.67	0.20	9.88
QP	10.821M	41.34	60.00	-18.66	19.86	Neutral	-	21.48	9.70	0.28	9.88
AV	10.821M	36.19	50.00	-13.81	19.86	Neutral	-	16.33	9.70	0.28	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	7	**Power Phase**	Line
Operating Function	Sample 4 ; PoE Mode ; Radio 2 Wi-Fi 2.4G TX		

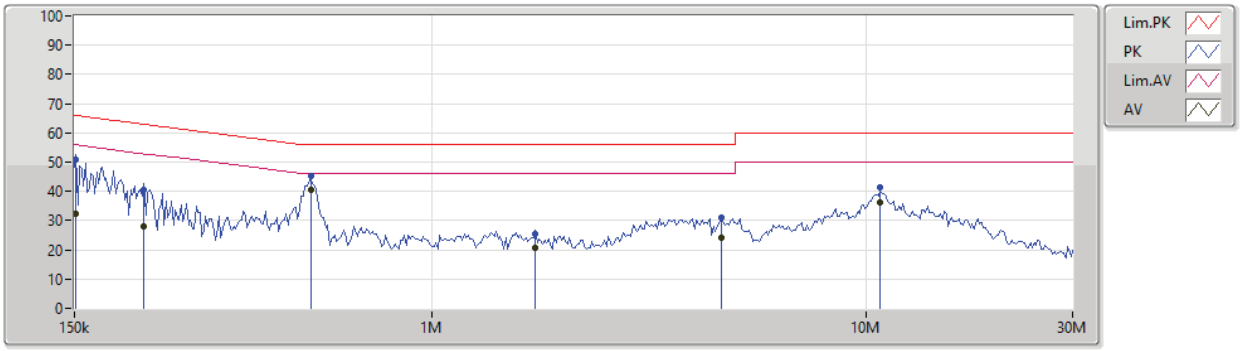
06/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.545k	50.88	65.75	-14.87	19.64	Line	-	31.24	9.66	0.11	9.87
AV	154.545k	34.21	55.75	-21.54	19.64	Line	-	14.57	9.66	0.11	9.87
QP	216.761k	41.34	62.94	-21.60	19.63	Line	-	21.71	9.65	0.11	9.87
AV	216.761k	29.00	52.94	-23.94	19.63	Line	-	9.37	9.65	0.11	9.87
QP	530.769k	45.69	56.00	-10.31	19.64	Line	-	26.05	9.64	0.13	9.87
AV	530.769k	40.42	46.00	-5.58	19.64	Line	"Worst"	20.78	9.64	0.13	9.87
QP	1.683M	30.12	56.00	-25.88	19.66	Line	-	10.46	9.65	0.14	9.87
AV	1.683M	24.99	46.00	-21.01	19.66	Line	-	5.33	9.65	0.14	9.87
QP	3.807M	35.80	56.00	-20.20	19.72	Line	-	16.08	9.66	0.18	9.88
AV	3.807M	31.06	46.00	-14.94	19.72	Line	-	11.34	9.66	0.18	9.88
QP	11.373M	40.93	60.00	-19.07	19.84	Line	-	21.09	9.68	0.28	9.88
AV	11.373M	35.62	50.00	-14.38	19.84	Line	-	15.78	9.68	0.28	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	8	**Power Phase**	Neutral
Operating Function	Sample 4 ; PoE Mode ; Radio 3 Wi-Fi 2.4G TX		

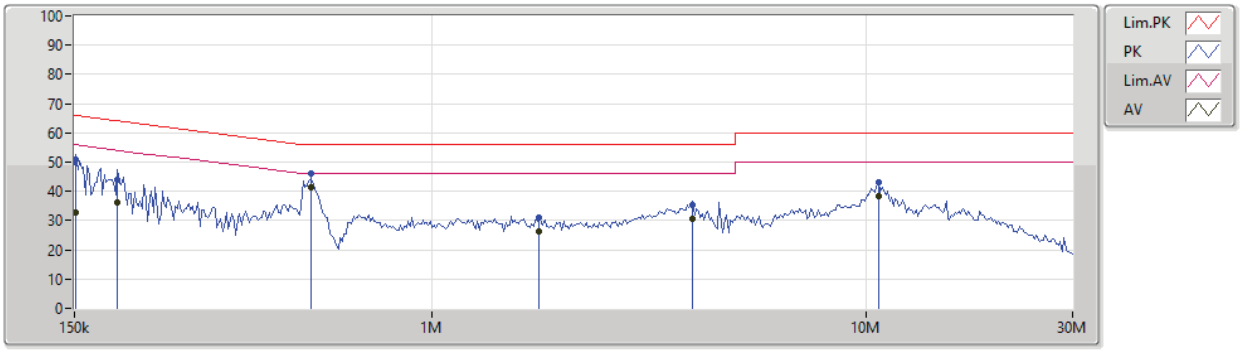
06/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	50.98	65.92	-14.94	19.63	Neutral	-	31.35	9.65	0.11	9.87
AV	151.5k	32.52	55.92	-23.40	19.63	Neutral	-	12.89	9.65	0.11	9.87
QP	216.761k	40.46	62.94	-22.48	19.62	Neutral	-	20.84	9.64	0.11	9.87
AV	216.761k	27.98	52.94	-24.96	19.62	Neutral	-	8.36	9.64	0.11	9.87
QP	525.514k	45.31	56.00	-10.69	19.63	Neutral	-	25.68	9.63	0.13	9.87
AV	525.514k	40.51	46.00	-5.49	19.63	Neutral	"Worst"	20.88	9.63	0.13	9.87
QP	1.734M	25.30	56.00	-30.70	19.66	Neutral	-	5.64	9.65	0.14	9.87
AV	1.734M	20.70	46.00	-25.30	19.66	Neutral	-	1.04	9.65	0.14	9.87
QP	4.645M	30.90	56.00	-25.10	19.75	Neutral	-	11.15	9.67	0.20	9.88
AV	4.645M	24.06	46.00	-21.94	19.75	Neutral	-	4.31	9.67	0.20	9.88
QP	10.821M	41.37	60.00	-18.63	19.86	Neutral	-	21.51	9.70	0.28	9.88
AV	10.821M	36.15	50.00	-13.85	19.86	Neutral	-	16.29	9.70	0.28	9.88

AC Power-line Conducted Emissions Result			
Operating Mode	8	**Power Phase**	Line
Operating Function	Sample 4 ; PoE Mode ; Radio 3 Wi-Fi 2.4G TX		

06/04/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	50.78	65.92	-15.14	19.64	Line	-	31.14	9.66	0.11	9.87
AV	151.5k	32.86	55.92	-23.06	19.64	Line	-	13.22	9.66	0.11	9.87
QP	188.574k	44.18	64.11	-19.93	19.63	Line	-	24.55	9.65	0.11	9.87
AV	188.574k	36.37	54.11	-17.74	19.63	Line	-	16.74	9.65	0.11	9.87
QP	525.514k	46.09	56.00	-9.91	19.64	Line	-	26.45	9.64	0.13	9.87
AV	525.514k	41.24	46.00	-4.76	19.64	Line	"Worst"	21.60	9.64	0.13	9.87
QP	1.769M	31.01	56.00	-24.99	19.66	Line	-	11.35	9.65	0.14	9.87
AV	1.769M	26.48	46.00	-19.52	19.66	Line	-	6.82	9.65	0.14	9.87
QP	4.001M	35.52	56.00	-20.48	19.73	Line	-	15.79	9.66	0.19	9.88
AV	4.001M	30.68	46.00	-15.32	19.73	Line	-	10.95	9.66	0.19	9.88
QP	10.714M	43.31	60.00	-16.69	19.85	Line	-	23.46	9.69	0.28	9.88
AV	10.714M	38.21	50.00	-11.79	19.85	Line	-	18.36	9.69	0.28	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	13.093M	13M1G1D	7.05M	12.869M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.442M	16M4D1D	16.025M	16.367M
VHT20_Nss1,(MCS0)_2TX	17.575M	17.641M	17M6D1D	17.15M	17.541M
VHT40_Nss1,(MCS0)_2TX	36.35M	36.232M	36M2D1D	33.75M	36.082M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	18.991M	19M0D1D	17.925M	18.916M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.8M	37.831M	37M8D1D	34.35M	37.631M

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

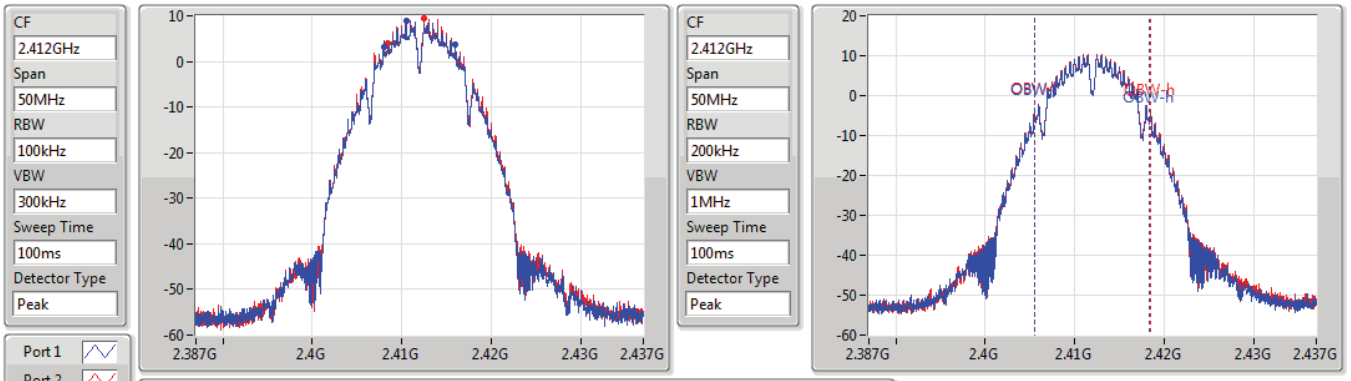
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	12.869M	7.525M	12.919M
2437MHz	Pass	500k	7.05M	12.969M	7.075M	12.969M
2462MHz	Pass	500k	7.525M	13.093M	8.025M	13.093M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.025M	16.367M	16.3M	16.417M
2437MHz	Pass	500k	16.325M	16.392M	16.325M	16.392M
2462MHz	Pass	500k	16.325M	16.442M	16.325M	16.417M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.525M	17.541M	17.575M	17.616M
2437MHz	Pass	500k	17.275M	17.591M	17.15M	17.641M
2462MHz	Pass	500k	17.55M	17.616M	17.575M	17.591M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.9M	36.182M	36.35M	36.232M
2437MHz	Pass	500k	36.3M	36.132M	33.75M	36.082M
2452MHz	Pass	500k	34.9M	36.132M	35.7M	36.132M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.925M	18.916M	18.575M	18.966M
2437MHz	Pass	500k	18.775M	18.916M	18.6M	18.966M
2462MHz	Pass	500k	18.9M	18.941M	18.9M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.681M	37.8M	37.831M
2437MHz	Pass	500k	36.3M	37.631M	36.55M	37.781M
2452MHz	Pass	500k	37.25M	37.731M	34.35M	37.731M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

17/03/2020

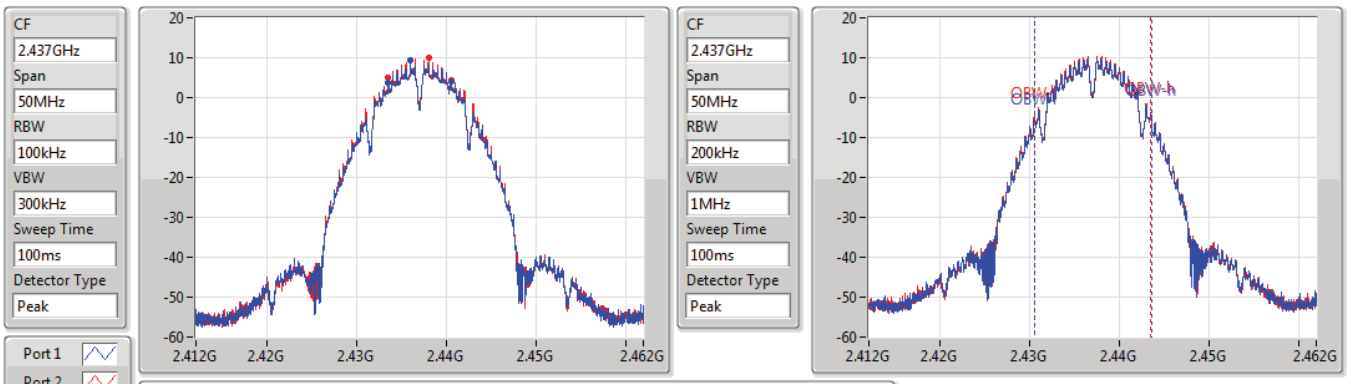


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.407975G	2.416025G	12.869M	2.405528G	2.418397G	500k	1
7.525M	2.40845G	2.415975G	12.919M	2.405528G	2.418447G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

17/03/2020

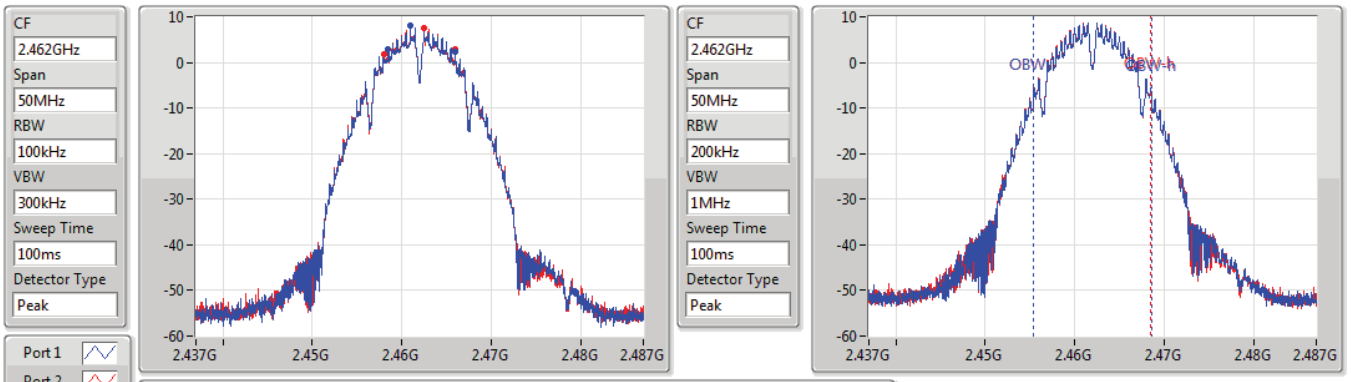


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.433475G	2.440525G	12.969M	2.430578G	2.443547G	500k	1
7.075M	2.43345G	2.440525G	12.969M	2.430553G	2.443522G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

17/03/2020

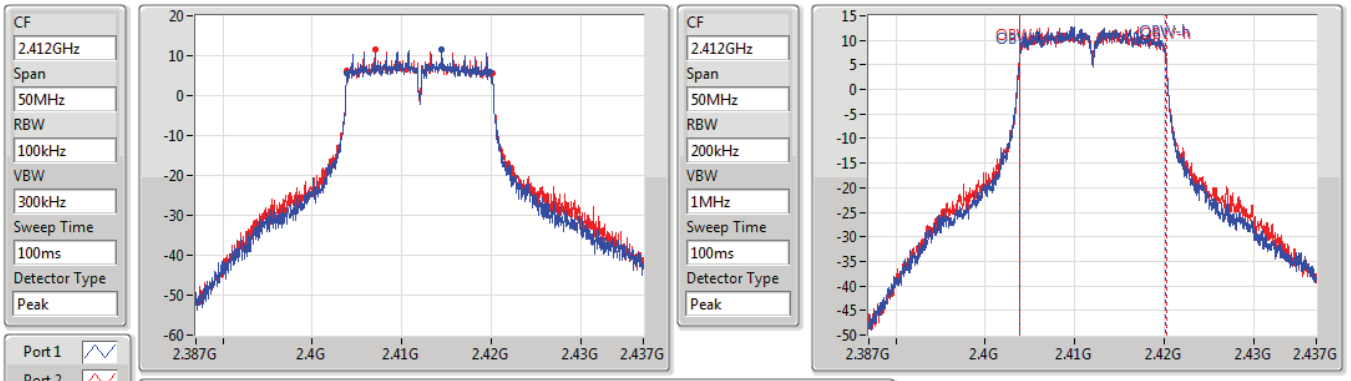


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.45845G	2.465975G	13.093M	2.455453G	2.468547G	500k	1
8.025M	2.457975G	2.466G	13.093M	2.455428G	2.468522G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

09/03/2020

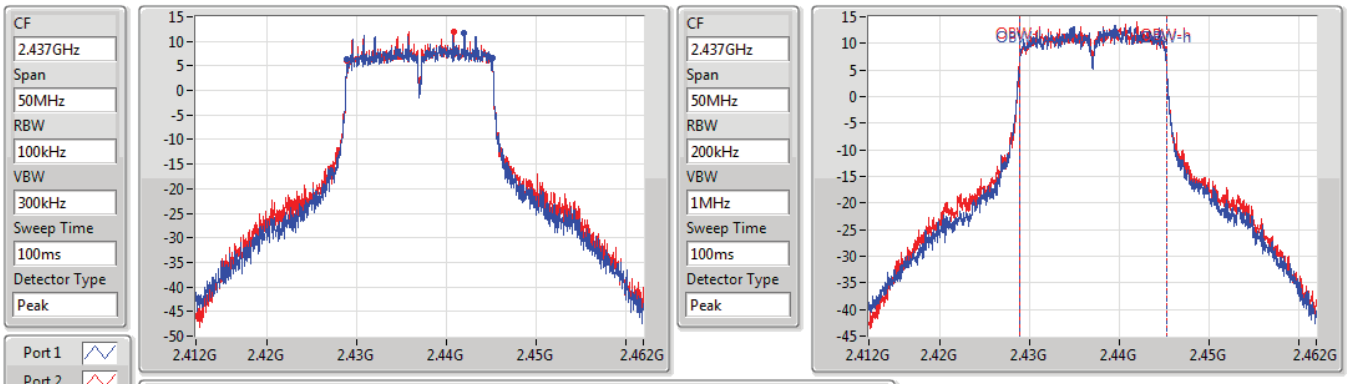


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.403875G	2.4199G	16.367M	2.403804G	2.420171G	500k	1
16.3M	2.403875G	2.420175G	16.417M	2.403804G	2.420221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

09/03/2020

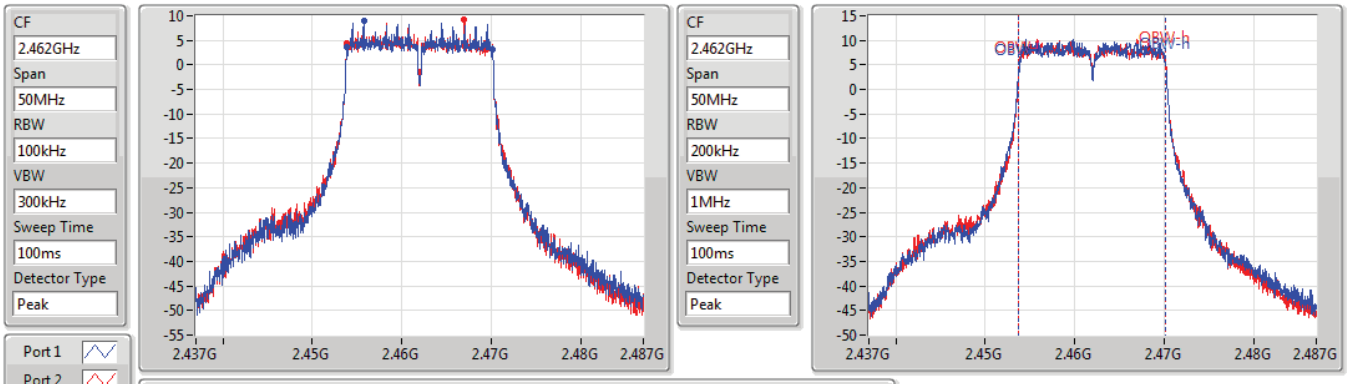


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.42885G	2.445175G	16.392M	2.428829G	2.445221G	500k	1
16.325M	2.42885G	2.445175G	16.392M	2.428829G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

09/03/2020

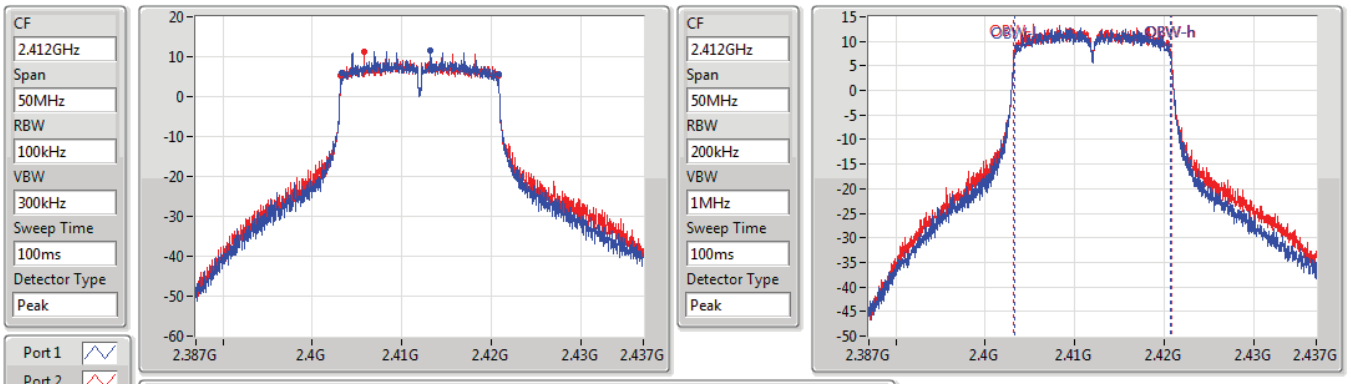


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.45385G	2.470175G	16.442M	2.453754G	2.470196G	500k	1
16.325M	2.45385G	2.470175G	16.417M	2.453779G	2.470196G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

09/03/2020

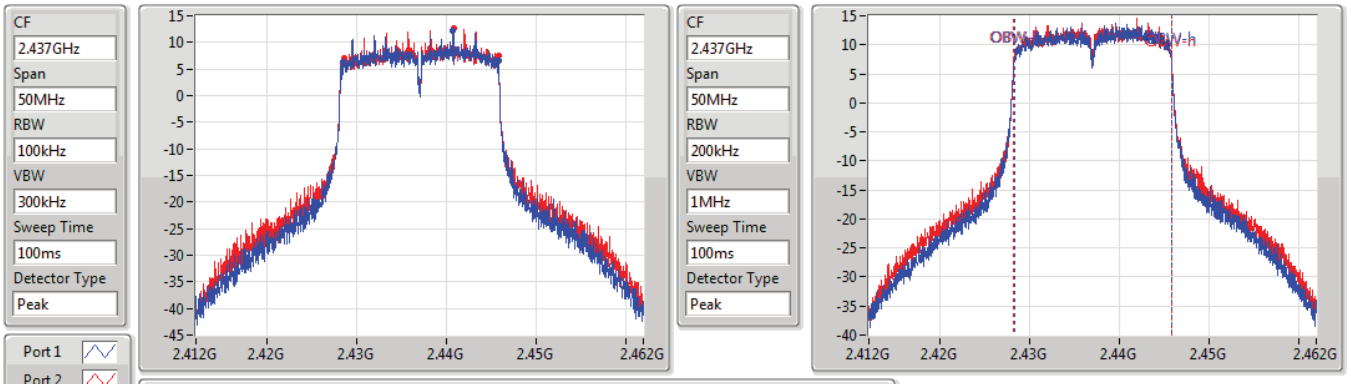


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.40325G	2.420775G	17.541M	2.403229G	2.420771G	500k	1
17.575M	2.403225G	2.4208G	17.616M	2.403204G	2.420821G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

09/03/2020

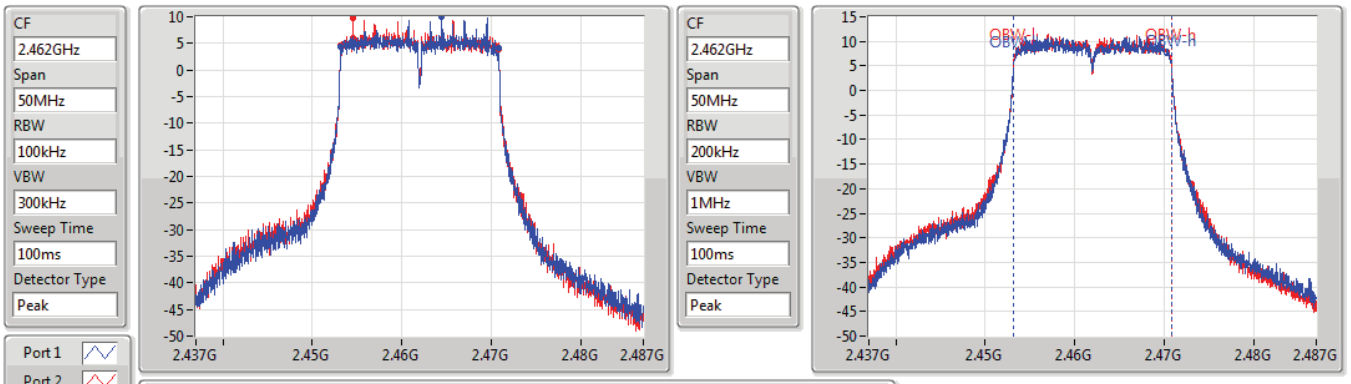


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	2.4285G	2.445775G	17.591M	2.428229G	2.445821G	500k	1
17.15M	2.428625G	2.445775G	17.641M	2.428204G	2.445846G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

09/03/2020

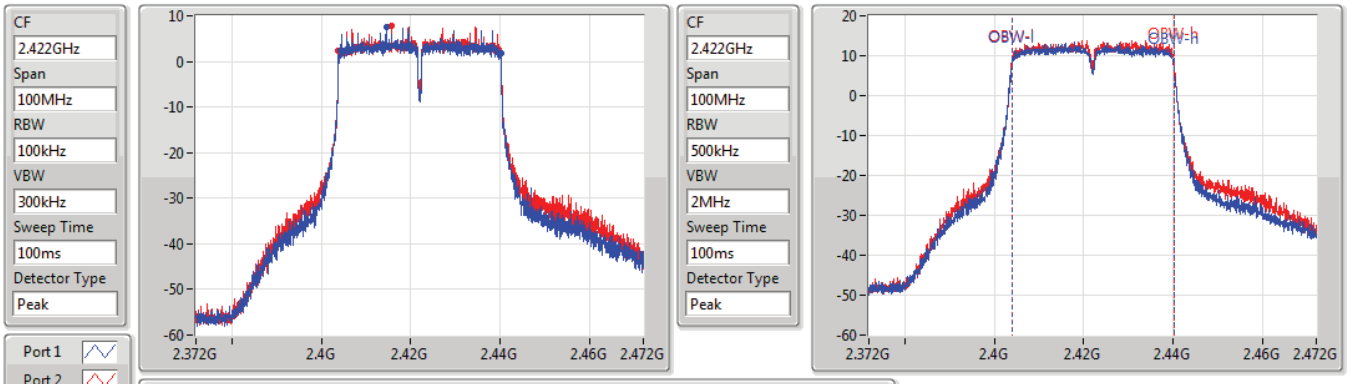


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.616M	2.453179G	2.470796G	500k	1
17.575M	2.453225G	2.4708G	17.591M	2.453204G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

09/03/2020

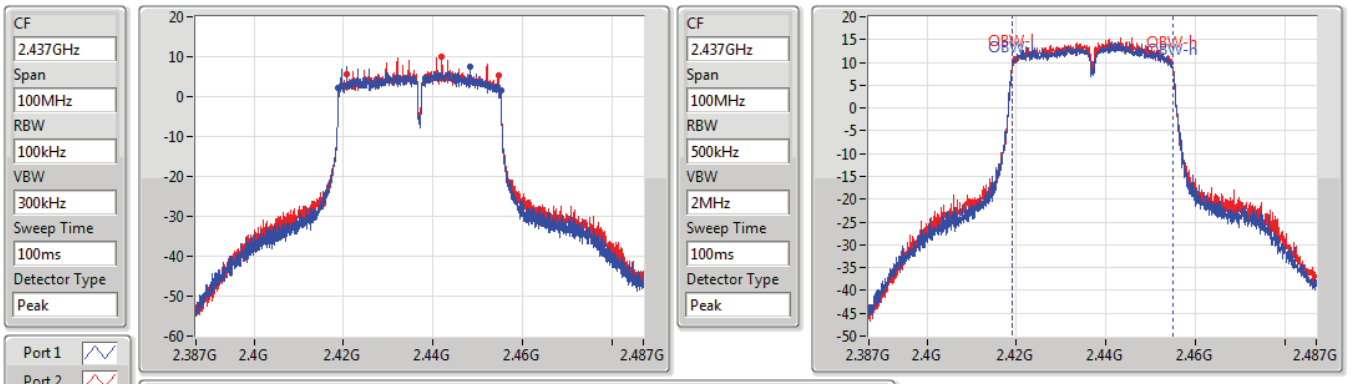


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.40425G	2.44015G	36.182M	2.403959G	2.440141G	500k	1
36.35M	2.40385G	2.4402G	36.232M	2.403909G	2.440141G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

09/03/2020

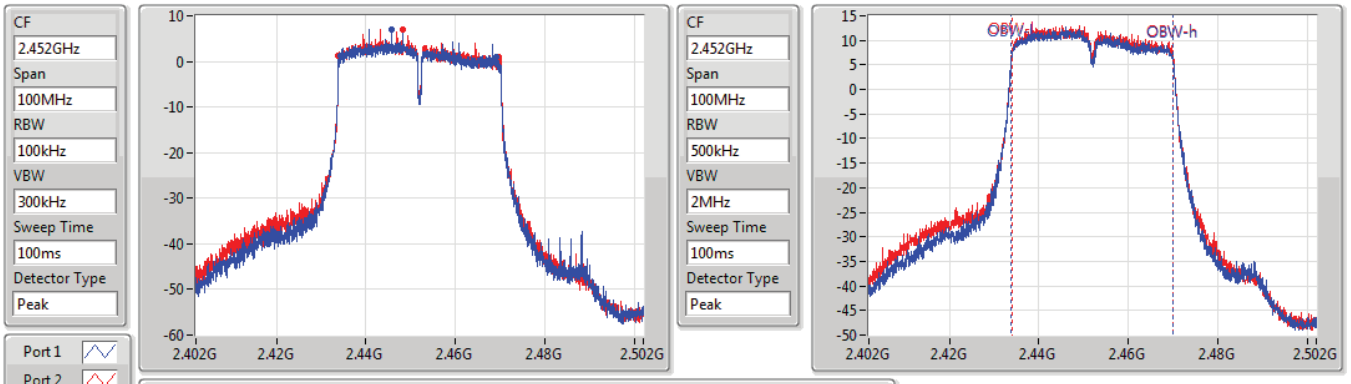


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.132M	2.418909G	2.455041G	500k	1
33.75M	2.4208G	2.45455G	36.082M	2.418959G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

09/03/2020

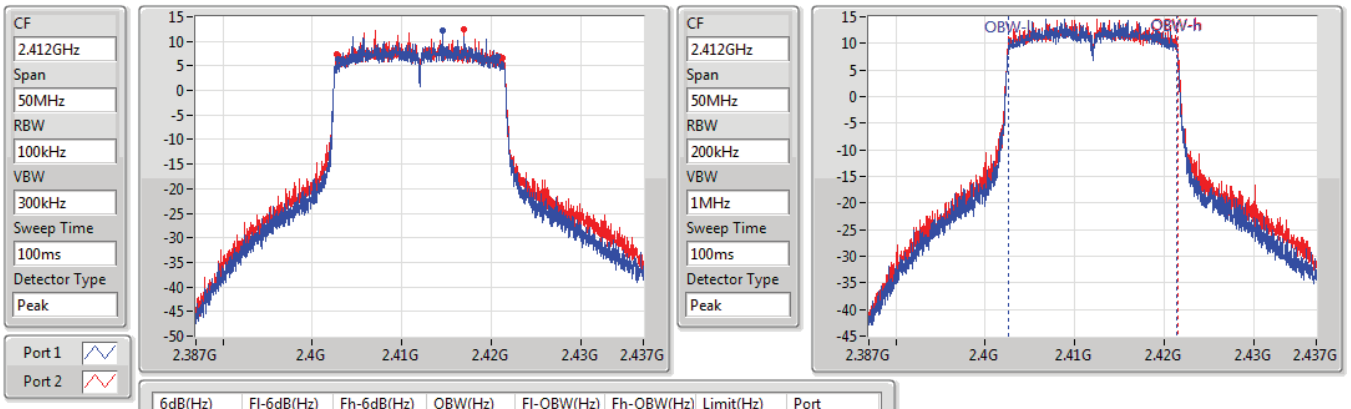


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.9M	2.43425G	2.46915G	36.132M	2.433859G	2.469991G	500k	1
35.7M	2.43385G	2.46955G	36.132M	2.433909G	2.470041G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

09/03/2020

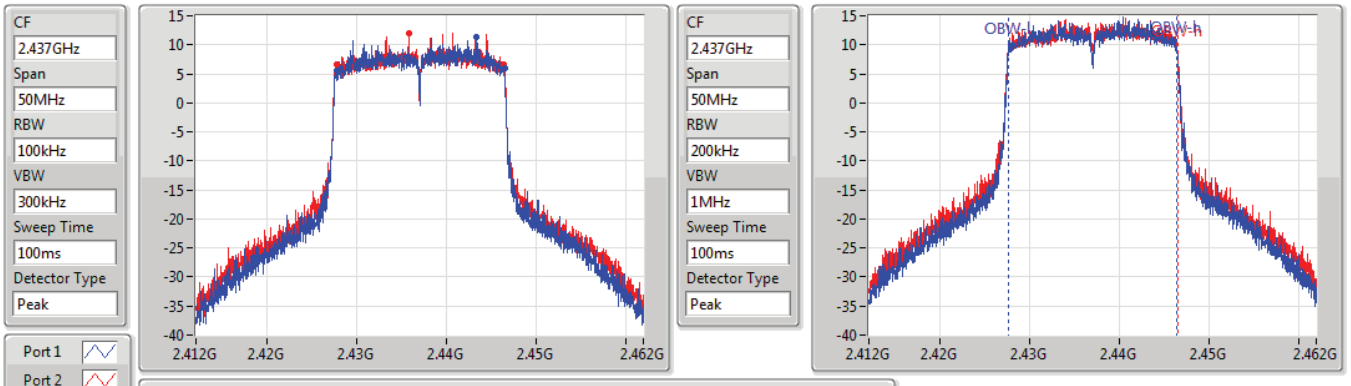


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.925M	2.402825G	2.42075G	18.916M	2.402555G	2.42147G	500k	1
18.575M	2.402725G	2.4213G	18.966M	2.40253G	2.421495G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

09/03/2020

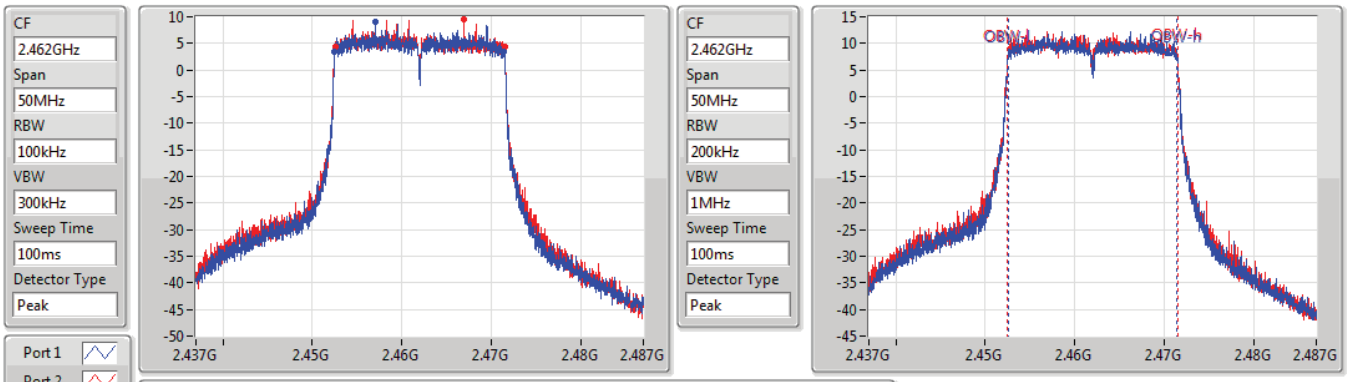


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.775M	2.4277G	2.446475G	18.916M	2.427555G	2.44647G	500k	1
18.6M	2.427775G	2.446375G	18.966M	2.42753G	2.446495G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

09/03/2020

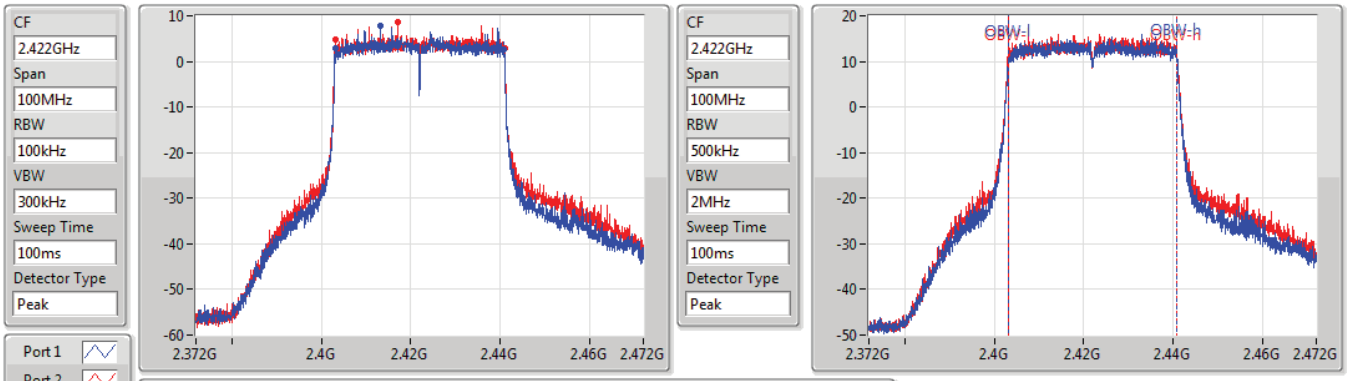


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.452525G	2.471425G	18.941M	2.45253G	2.47147G	500k	1
18.9M	2.452575G	2.471475G	18.991M	2.452505G	2.471495G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

09/03/2020

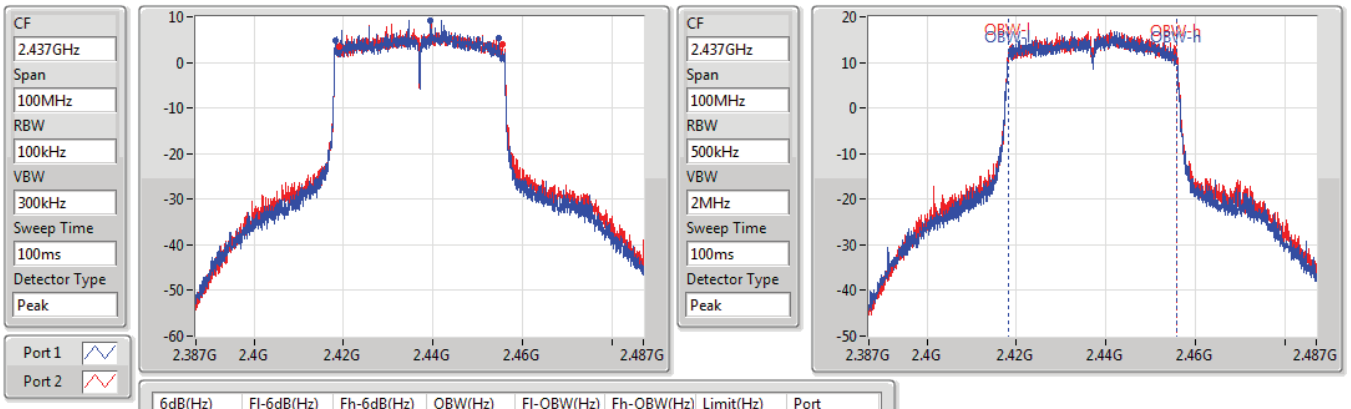


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4032G	2.44085G	37.681M	2.403209G	2.440891G	500k	1
37.8M	2.4032G	2.441G	37.831M	2.403109G	2.440941G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

09/03/2020

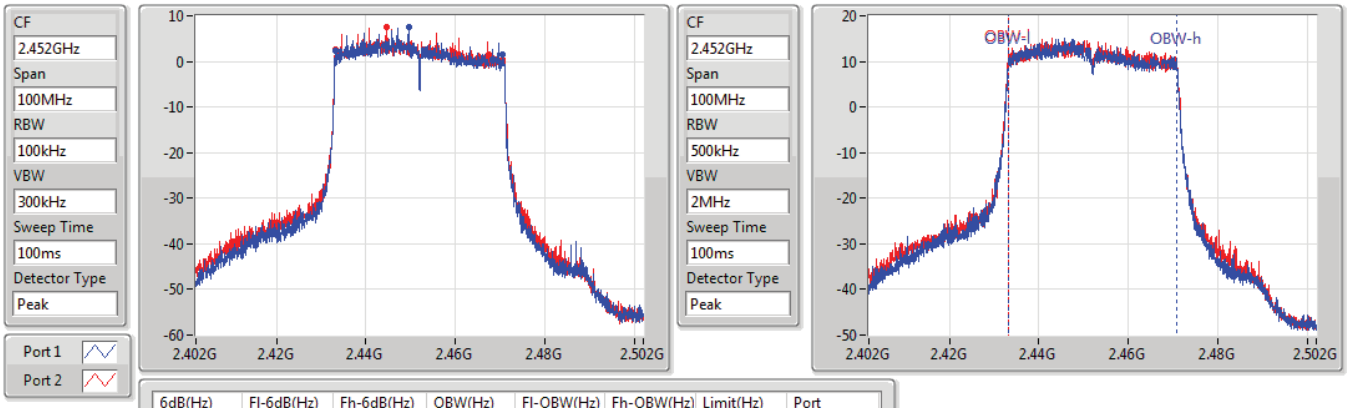


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41825G	2.45455G	37.631M	2.418159G	2.455791G	500k	1
36.55M	2.4189G	2.45545G	37.781M	2.418109G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

09/03/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4332G	2.47045G	37.731M	2.433109G	2.470841G	500k	1
34.35M	2.4332G	2.46755G	37.731M	2.433109G	2.470841G	500k	2

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	10.075M	13.893M	13M9G1D	9.075M	13.868M
802.11g_Nss1,(6Mbps)_2TX	16.275M	17.166M	17M2D1D	15.875M	16.442M
VHT20_Nss1,(MCS0)_2TX	17.15M	18.116M	18M1D1D	16.525M	17.666M
VHT40_Nss1,(MCS0)_2TX	35.75M	36.482M	36M5D1D	35.15M	36.232M

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

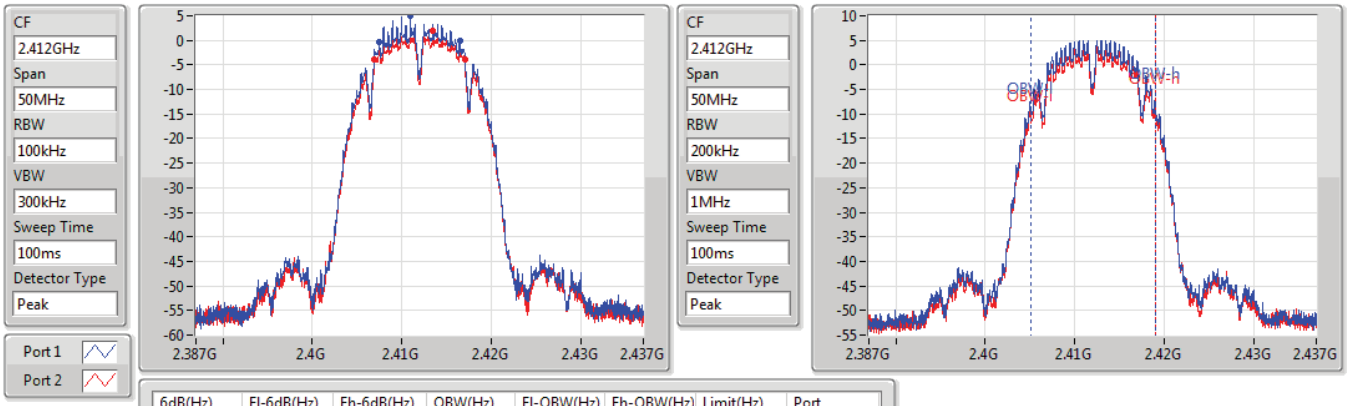
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.075M	13.868M	10.075M	13.868M
2437MHz	Pass	500k	10.075M	13.893M	9.075M	13.893M
2462MHz	Pass	500k	9.075M	13.893M	10.05M	13.868M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.275M	16.517M	15.875M	16.517M
2437MHz	Pass	500k	16.275M	16.717M	16.25M	17.166M
2462MHz	Pass	500k	16.025M	16.492M	16.275M	16.442M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.15M	17.691M	17.15M	17.666M
2437MHz	Pass	500k	16.8M	17.866M	16.525M	18.116M
2462MHz	Pass	500k	17.15M	17.691M	16.775M	17.666M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.15M	36.382M	35.25M	36.232M
2437MHz	Pass	500k	35.3M	36.432M	35.75M	36.432M
2452MHz	Pass	500k	35.35M	36.482M	35.7M	36.332M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

15/03/2020

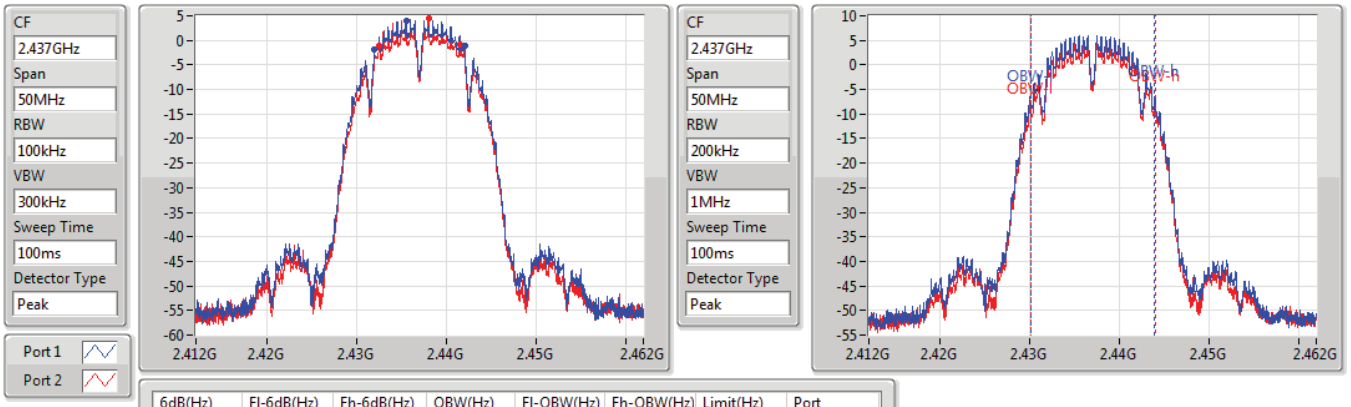


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.075M	2.40745G	2.416525G	13.868M	2.405103G	2.418972G	500k	1
10.075M	2.40695G	2.417025G	13.868M	2.405103G	2.418972G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

15/03/2020

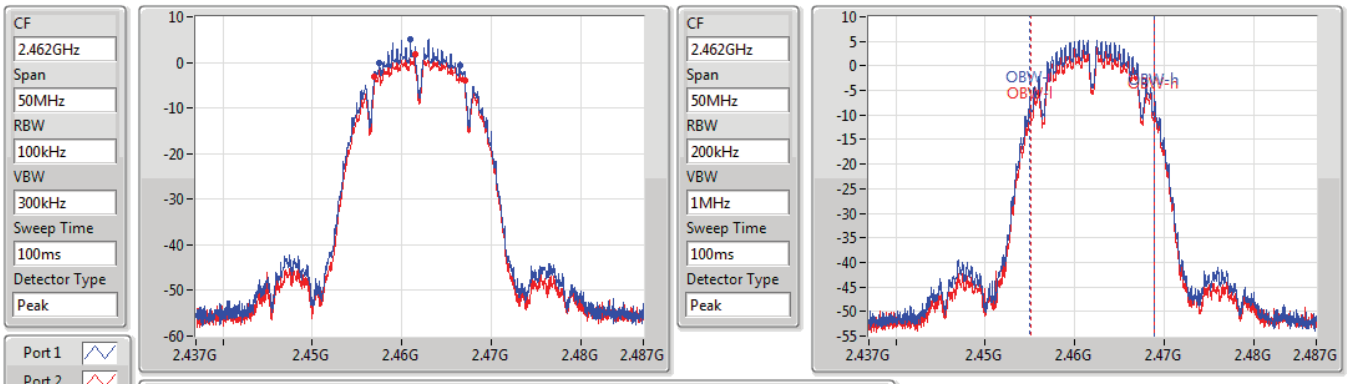


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.075M	2.43195G	2.442025G	13.893M	2.430053G	2.443947G	500k	1
9.075M	2.43245G	2.441525G	13.893M	2.430078G	2.443972G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

15/03/2020

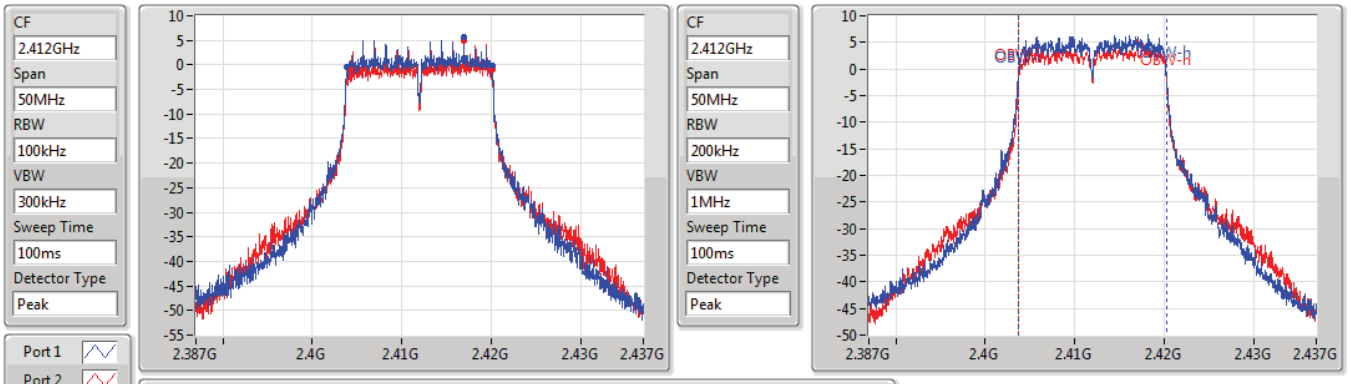


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.075M	2.45745G	2.466525G	13.893M	2.455028G	2.468922G	500k	1
10.05M	2.456975G	2.467025G	13.868M	2.455078G	2.468947G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

15/03/2020

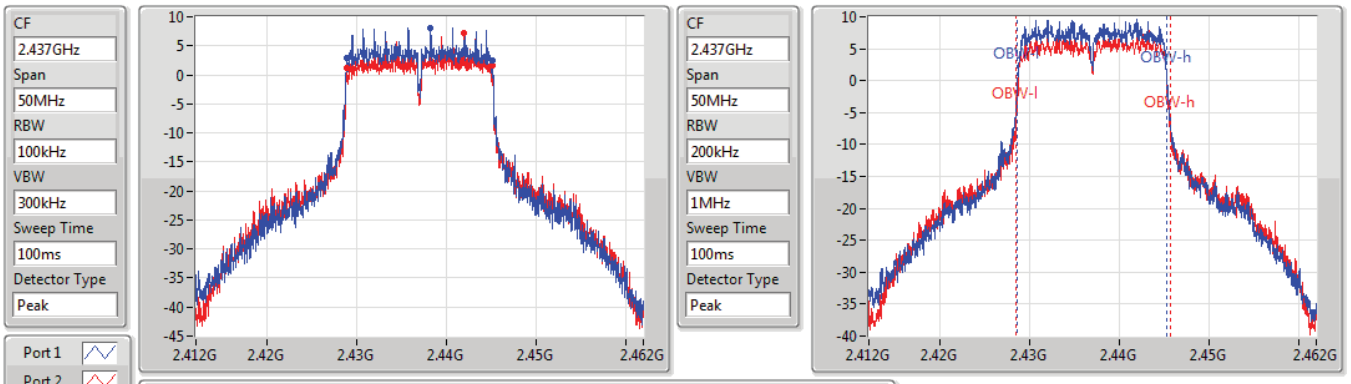


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.40385G	2.420125G	16.517M	2.403729G	2.420246G	500k	1
15.875M	2.40425G	2.420125G	16.517M	2.403754G	2.420271G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

15/03/2020

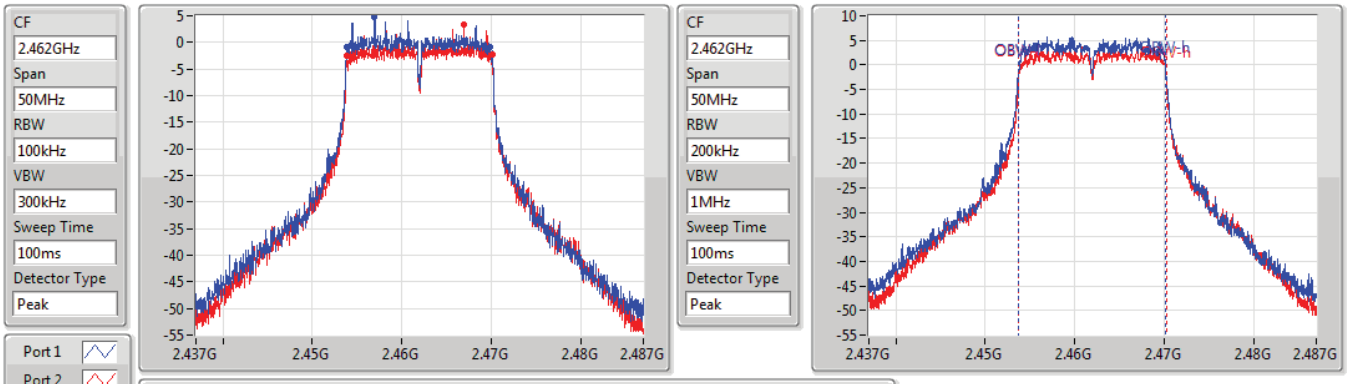


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.717M	2.428629G	2.445346G	500k	1
16.25M	2.428875G	2.445125G	17.166M	2.428479G	2.445646G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

15/03/2020

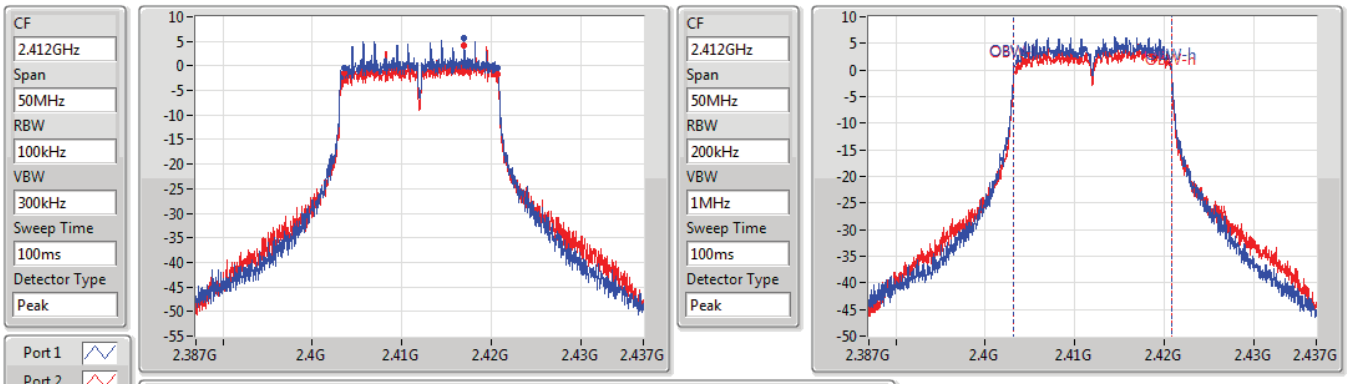


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.45385G	2.469875G	16.492M	2.453704G	2.470196G	500k	1
16.275M	2.45385G	2.470125G	16.442M	2.453779G	2.470221G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

15/03/2020

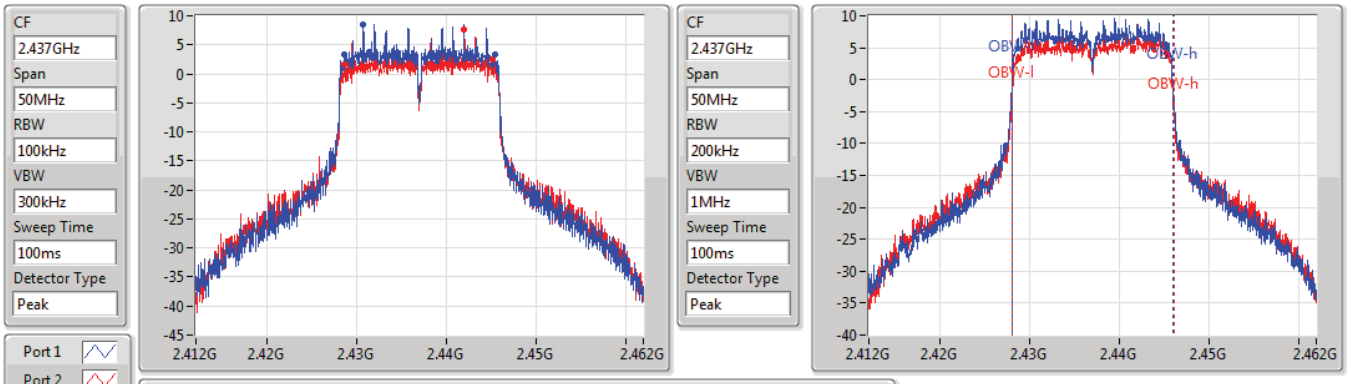


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.403575G	2.420725G	17.691M	2.403154G	2.420846G	500k	1
17.15M	2.4036G	2.42075G	17.666M	2.403179G	2.420846G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

15/03/2020

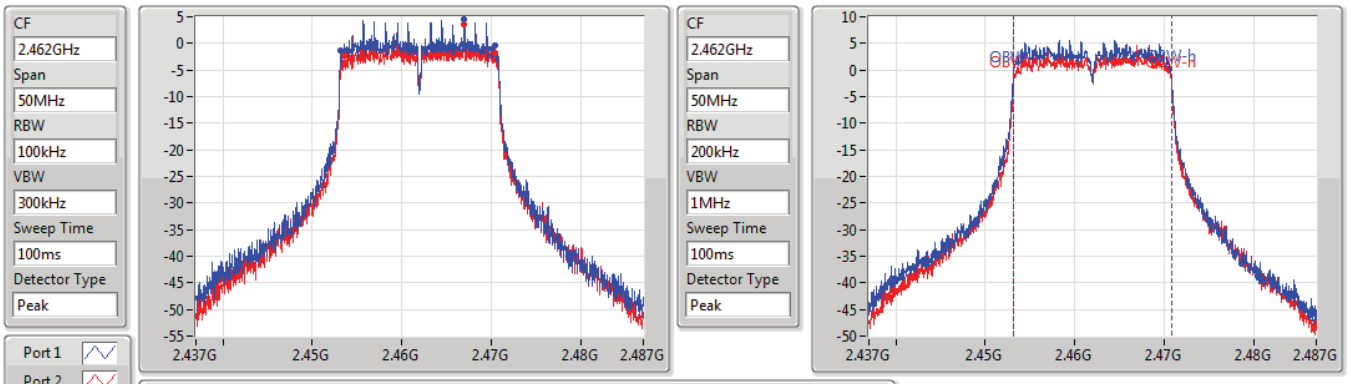


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.428575G	2.445375G	17.866M	2.428054G	2.445921G	500k	1
16.525M	2.4286G	2.445125G	18.116M	2.42798G	2.446095G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

15/03/2020

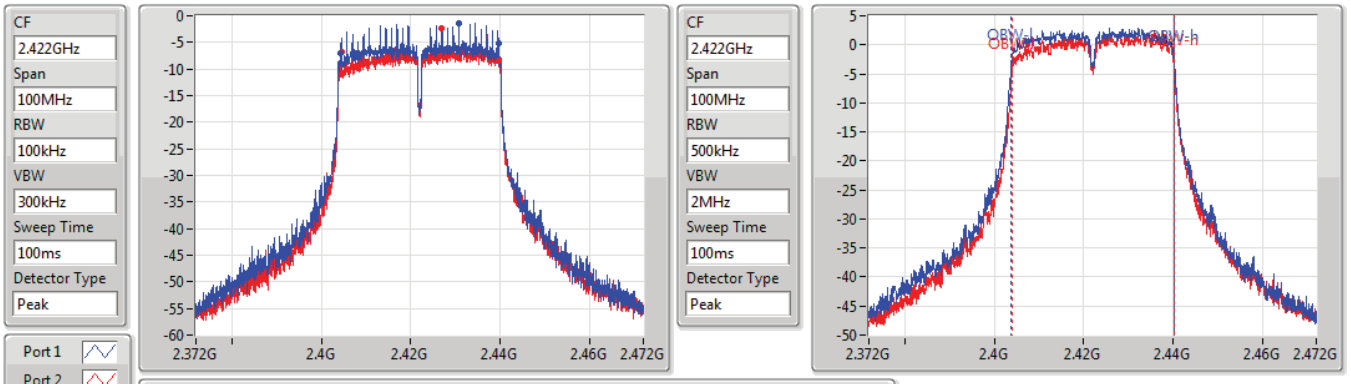


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.453225G	2.470375G	17.691M	2.453129G	2.470821G	500k	1
16.775M	2.4536G	2.470375G	17.666M	2.453154G	2.470821G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

15/03/2020

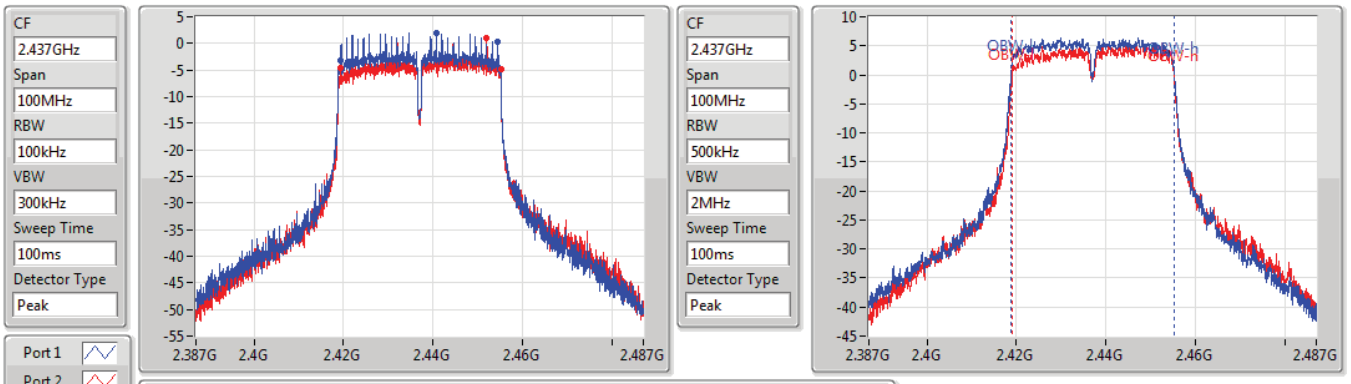


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.4044G	2.43955G	36.382M	2.403859G	2.440241G	500k	1
35.25M	2.4045G	2.43975G	36.232M	2.404009G	2.440241G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

15/03/2020

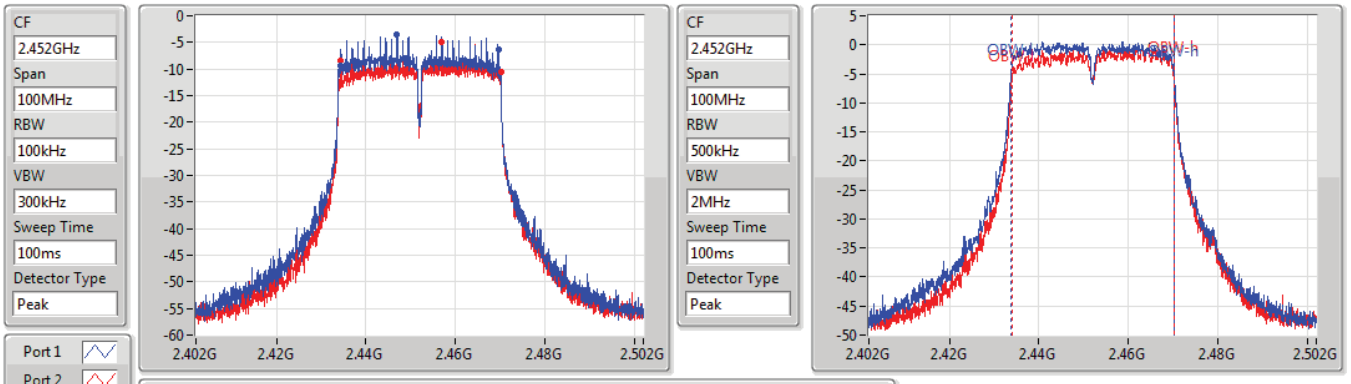


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	2.4192G	2.4545G	36.432M	2.418809G	2.455241G	500k	1
35.75M	2.4194G	2.45515G	36.432M	2.418909G	2.455341G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

15/03/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	2.4342G	2.46955G	36.482M	2.433759G	2.470241G	500k	1
35.7M	2.43445G	2.47015G	36.332M	2.433959G	2.470291G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.575M	13.368M	13M4G1D	7.05M	12.994M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.717M	16M7D1D	15.9M	16.367M
VHT20_Nss1,(MCS0)_2TX	17.575M	17.941M	17M9D1D	16.525M	17.541M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.232M	36M2D1D	33.75M	35.982M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.875M	19.065M	19M1D1D	17.625M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.9M	37.831M	37M8D1D	37.25M	37.681M

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

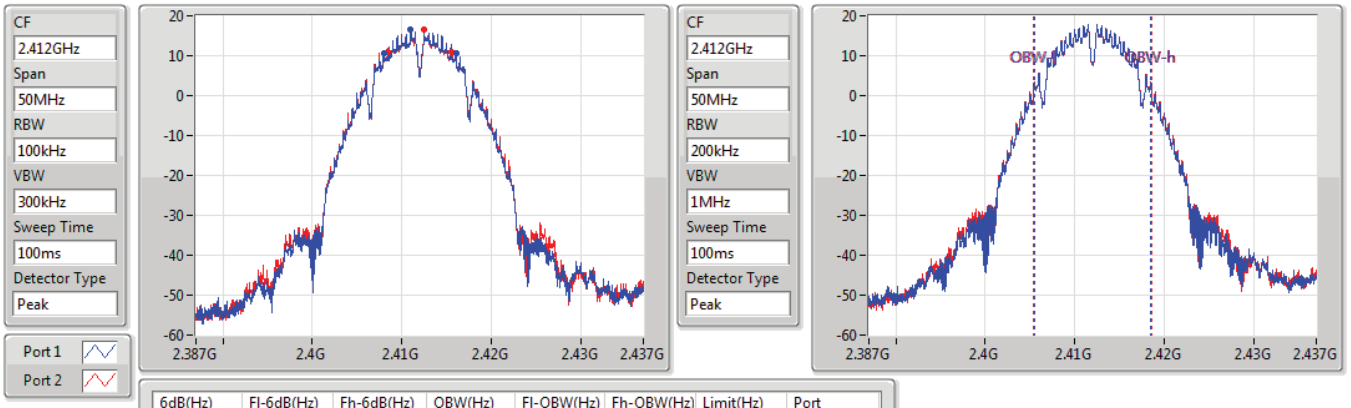
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	8.05M	12.994M	7.1M	13.093M
2437MHz_TnomVnom	Pass	500k	7.05M	13.218M	8.025M	13.368M
2462MHz_TnomVnom	Pass	500k	8.575M	13.218M	7.55M	13.218M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.3M	16.367M	16.3M	16.367M
2437MHz_TnomVnom	Pass	500k	15.9M	16.592M	16.275M	16.717M
2462MHz_TnomVnom	Pass	500k	16.35M	16.467M	16.325M	16.442M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.25M	17.541M	16.525M	17.541M
2437MHz_TnomVnom	Pass	500k	17.05M	17.766M	17.5M	17.941M
2462MHz_TnomVnom	Pass	500k	17.55M	17.591M	17.575M	17.616M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.3M	36.232M	36.3M	36.182M
2437MHz_TnomVnom	Pass	500k	35.05M	35.982M	34.95M	36.082M
2452MHz_TnomVnom	Pass	500k	33.75M	36.132M	34.35M	36.182M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.7M	18.891M	18.775M	18.916M
2437MHz_TnomVnom	Pass	500k	17.625M	19.015M	18.625M	19.065M
2462MHz_TnomVnom	Pass	500k	18.875M	18.966M	18.875M	18.991M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.9M	37.731M	37.85M	37.831M
2437MHz_TnomVnom	Pass	500k	37.25M	37.681M	37.45M	37.731M
2452MHz_TnomVnom	Pass	500k	37.9M	37.731M	37.45M	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

11/03/2020

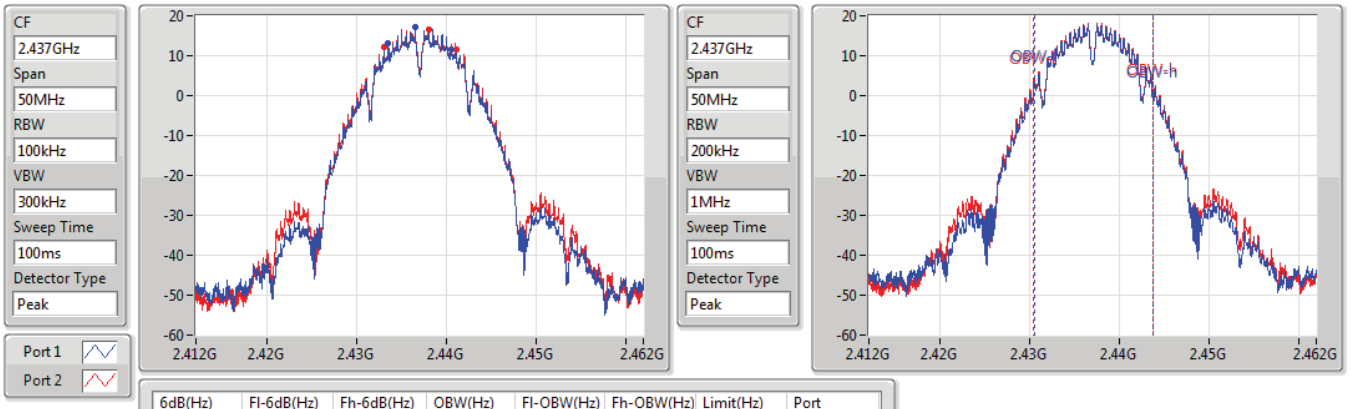


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.408G	2.41605G	12.994M	2.405503G	2.418497G	500k	1
7.1M	2.40845G	2.41555G	13.093M	2.405453G	2.418547G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

11/03/2020

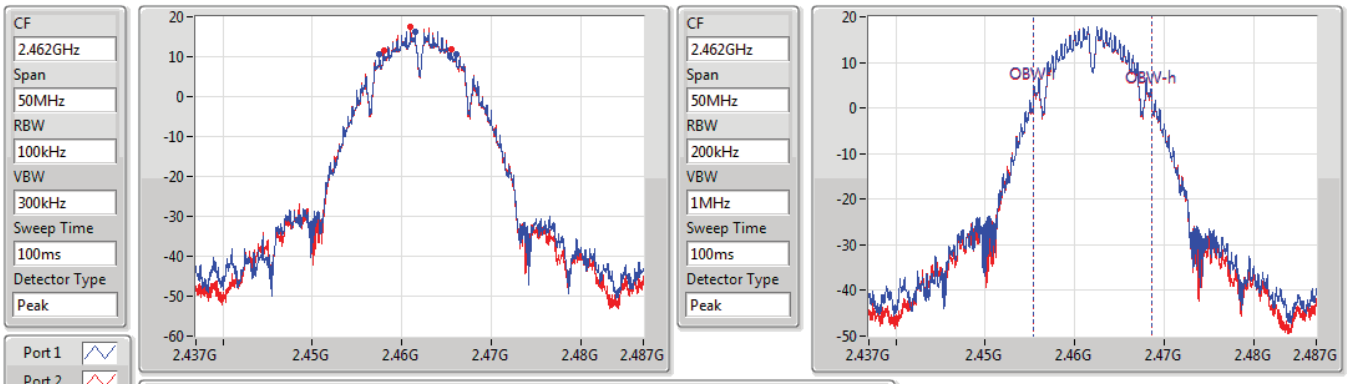


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.4335G	2.44055G	13.218M	2.430503G	2.443722G	500k	1
8.025M	2.433025G	2.44105G	13.368M	2.430428G	2.443797G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

11/03/2020

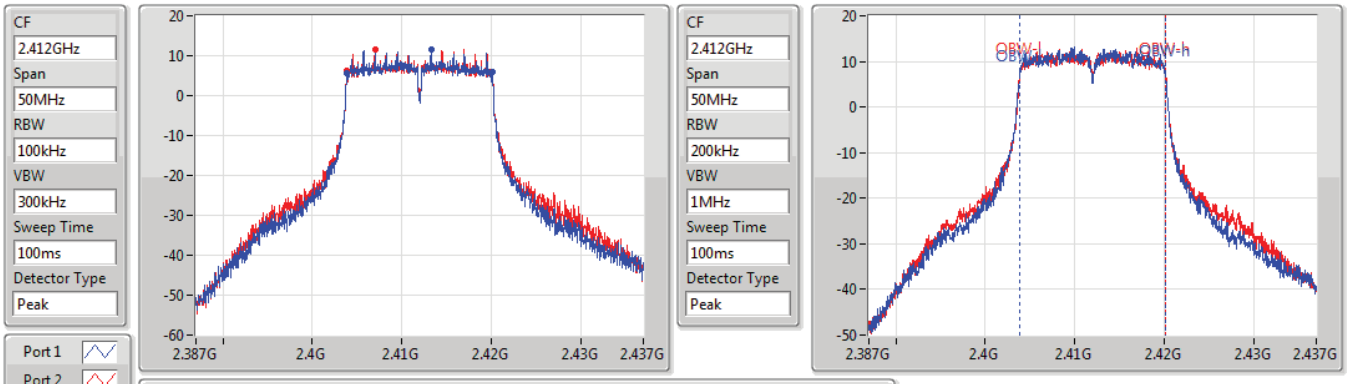


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.575M	2.457475G	2.46605G	13.218M	2.455403G	2.468622G	500k	1
7.55M	2.457975G	2.465525G	13.218M	2.455403G	2.468622G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

11/03/2020

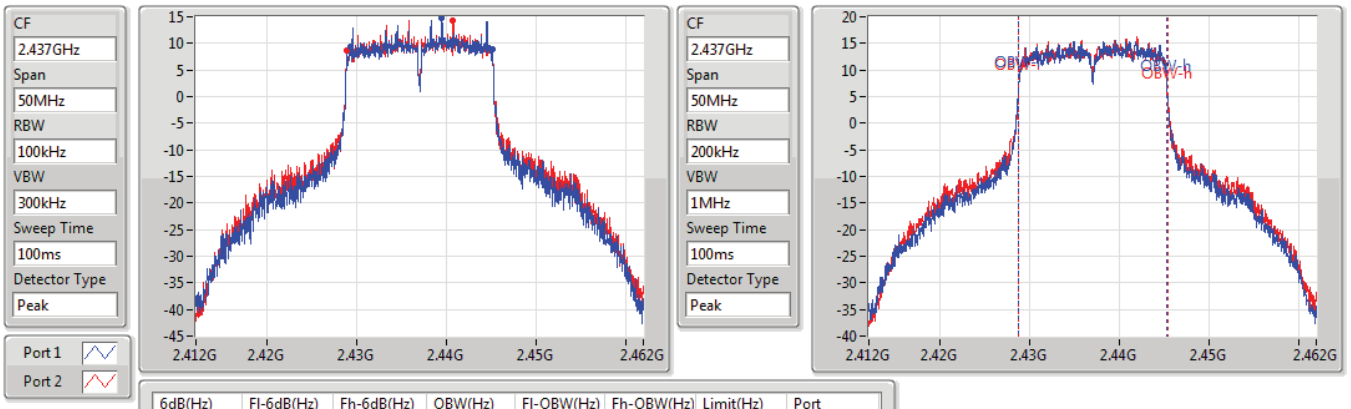


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.367M	2.403804G	2.420171G	500k	1
16.3M	2.40385G	2.42015G	16.367M	2.403829G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

11/03/2020

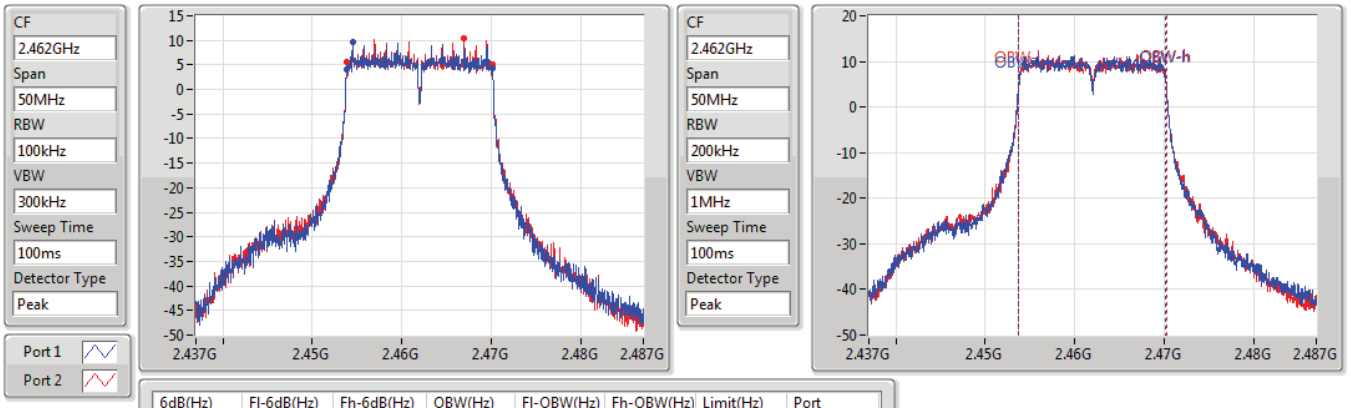


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.429225G	2.445125G	16.592M	2.428754G	2.445346G	500k	1
16.275M	2.428875G	2.44515G	16.717M	2.428704G	2.445421G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

11/03/2020

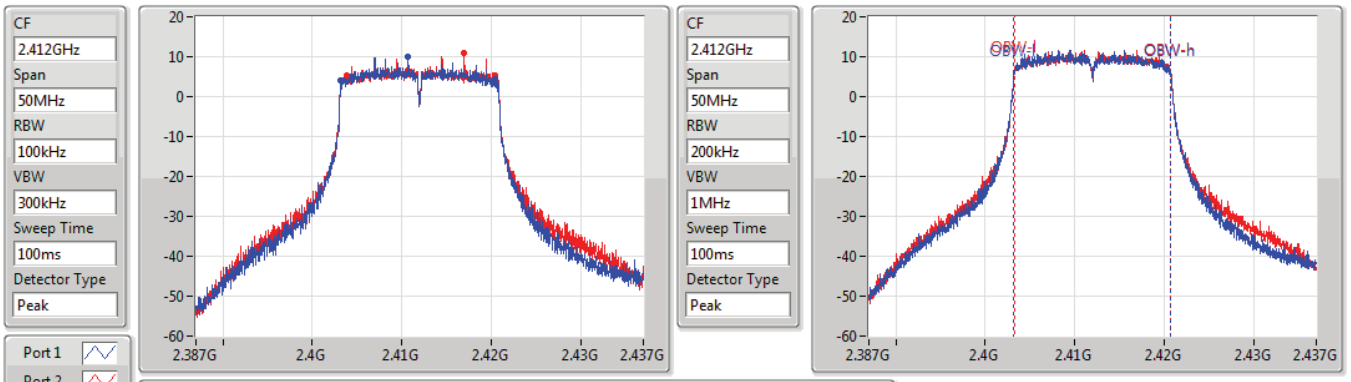


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.467M	2.453729G	2.470196G	500k	1
16.325M	2.45385G	2.470175G	16.442M	2.453779G	2.470221G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

13/03/2020

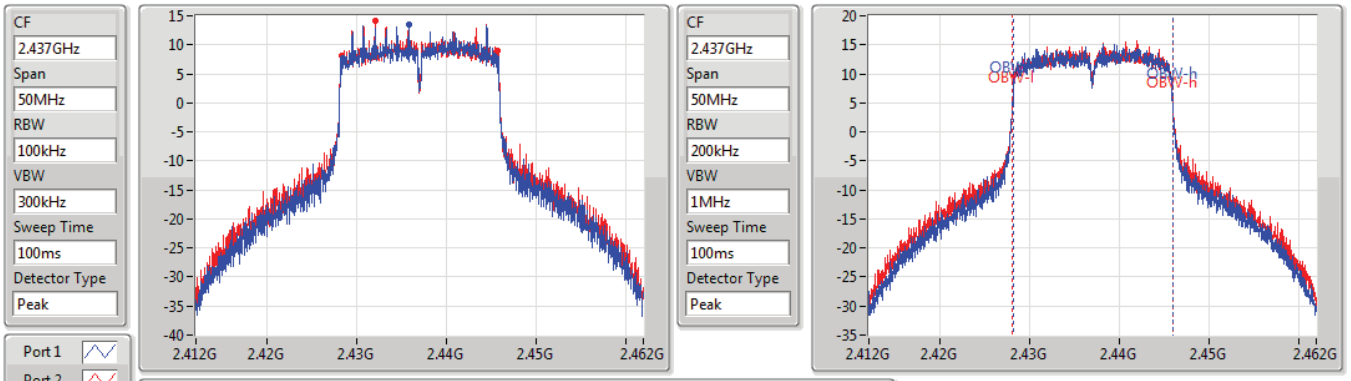


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	2.403225G	2.420475G	17.541M	2.403204G	2.420746G	500k	1
16.525M	2.40385G	2.420375G	17.541M	2.403229G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

13/03/2020

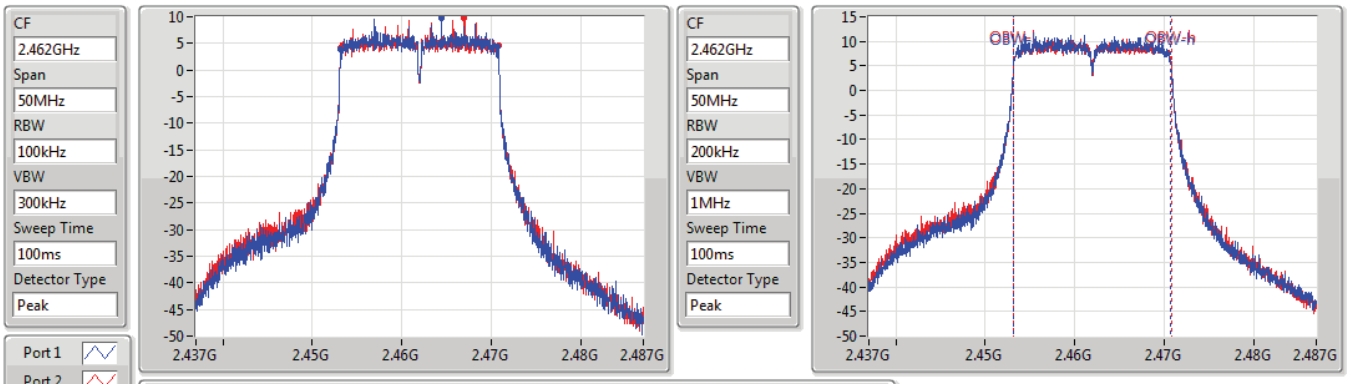


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.05M	2.428475G	2.445525G	17.766M	2.428154G	2.445921G	500k	1
17.5M	2.42825G	2.44575G	17.941M	2.428079G	2.44602G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

13/03/2020

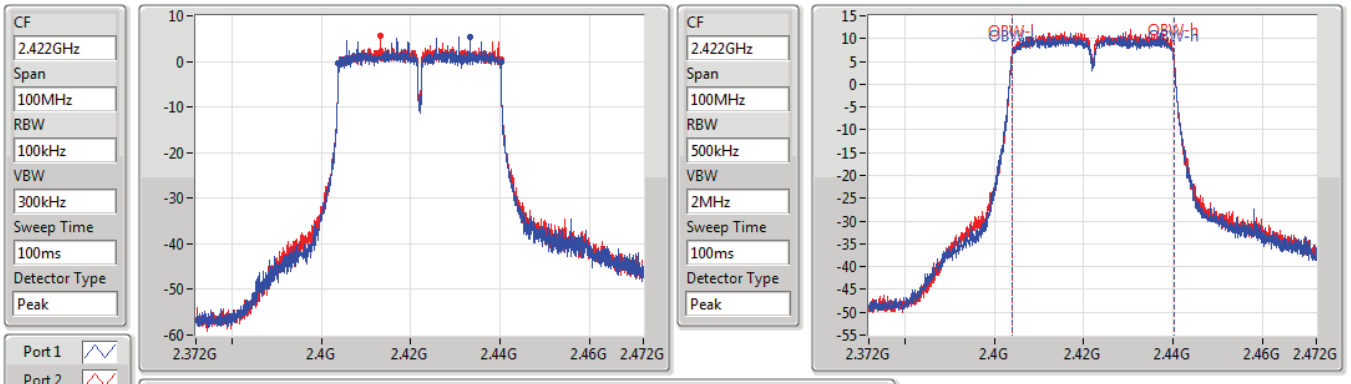


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4532G	2.47075G	17.591M	2.453179G	2.470771G	500k	1
17.575M	2.4532G	2.470775G	17.616M	2.453179G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

13/03/2020

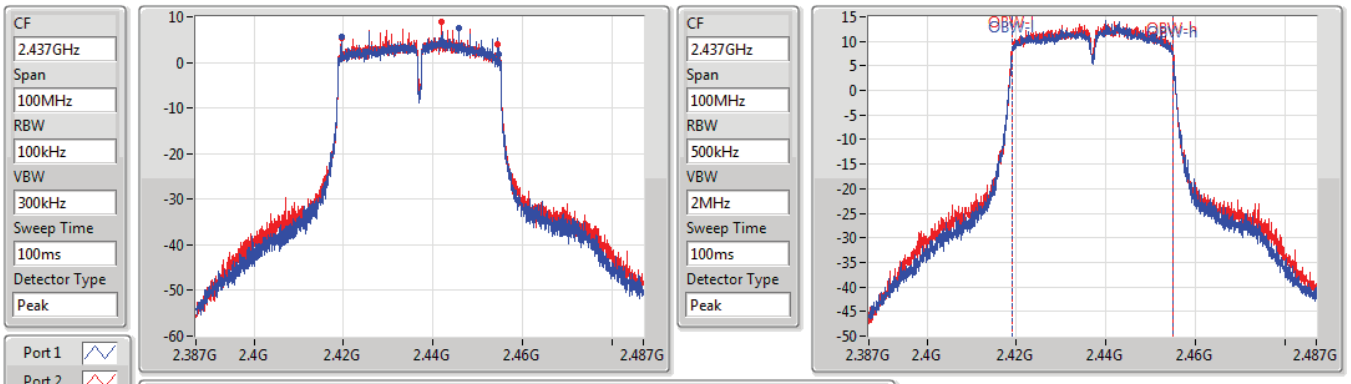


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	36.232M	2.403909G	2.440141G	500k	1
36.3M	2.40385G	2.44015G	36.182M	2.403959G	2.440141G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

13/03/2020

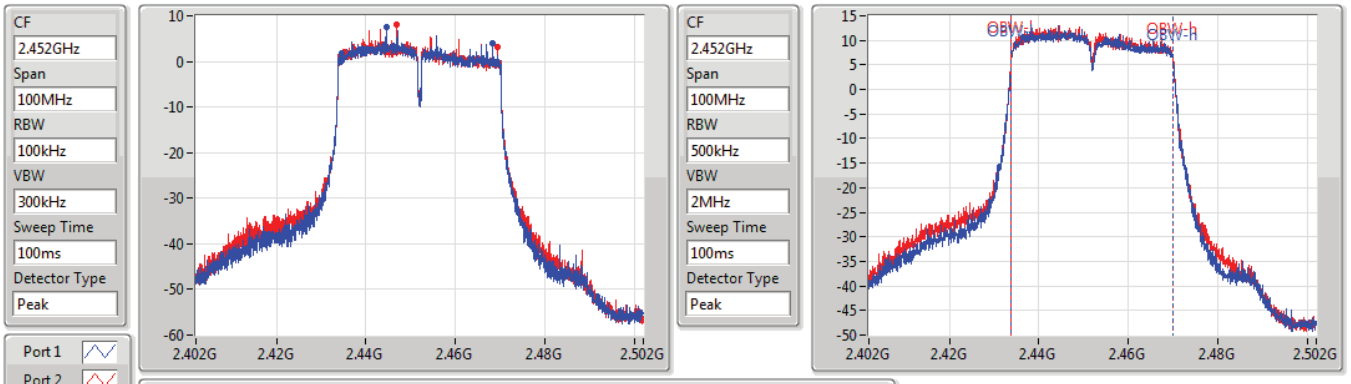


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4195G	2.45455G	35.982M	2.418959G	2.454941G	500k	1
34.95M	2.4195G	2.45445G	36.082M	2.418909G	2.454991G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

13/03/2020

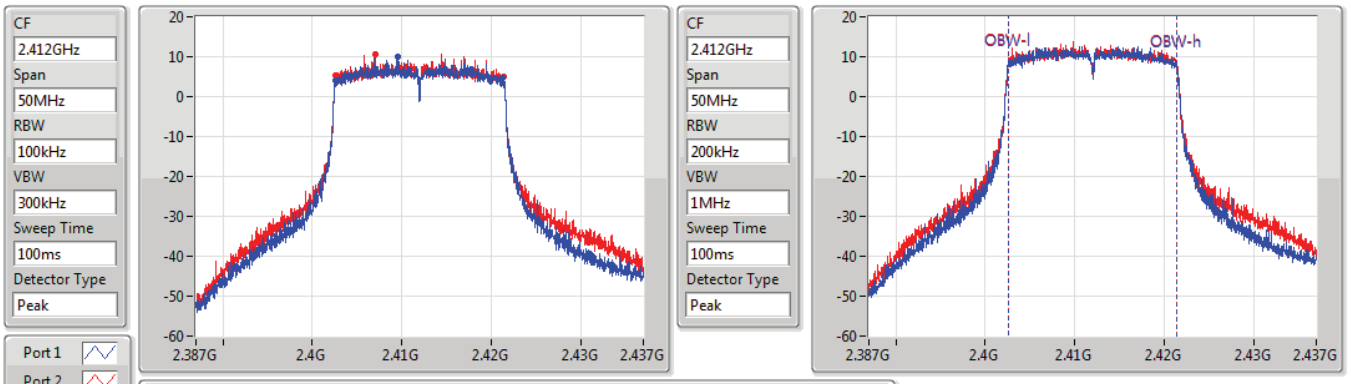


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	2.4345G	2.46825G	36.132M	2.433859G	2.469991G	500k	1
34.35M	2.4351G	2.46945G	36.182M	2.433859G	2.470041G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

11/03/2020

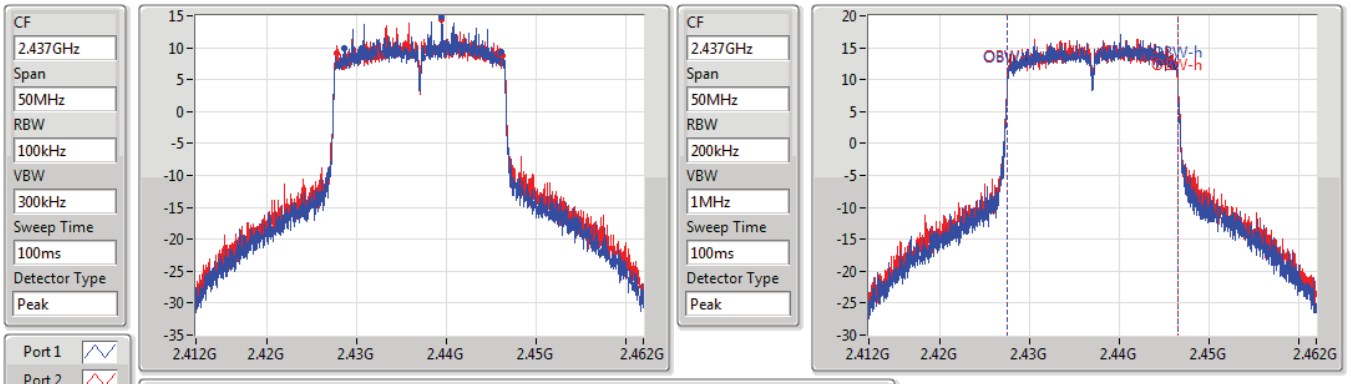


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.40255G	2.42125G	18.891M	2.402555G	2.421445G	500k	1
18.775M	2.402625G	2.4214G	18.916M	2.402555G	2.42147G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

11/03/2020

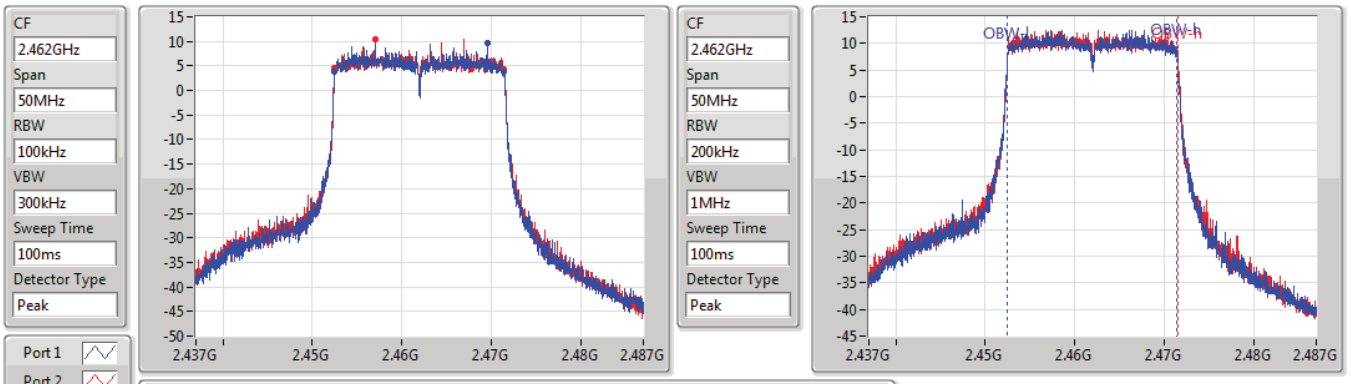


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	2.428525G	2.44615G	19.015M	2.427505G	2.44652G	500k	1
18.625M	2.4277G	2.446325G	19.065M	2.427505G	2.44657G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

11/03/2020

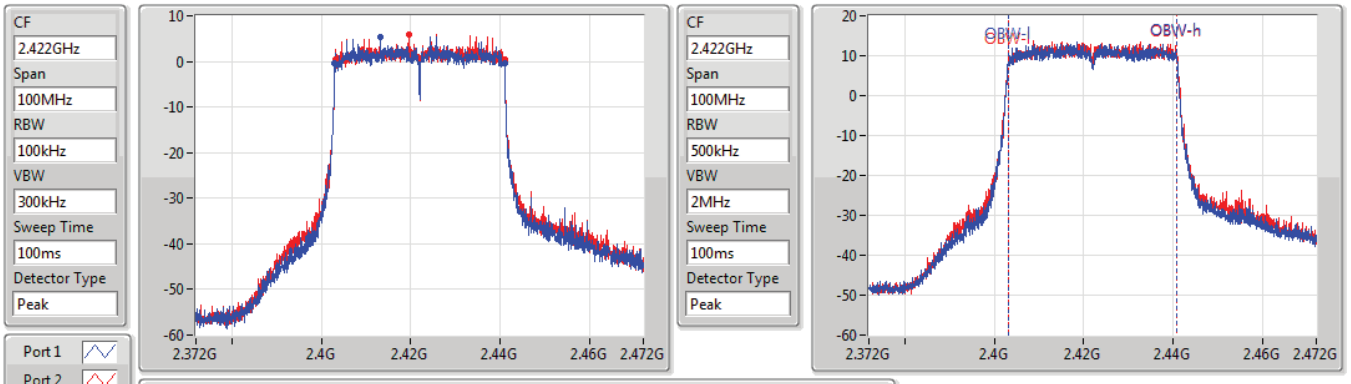


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.452525G	2.4714G	18.966M	2.452505G	2.47147G	500k	1
18.875M	2.452525G	2.4714G	18.991M	2.452505G	2.471495G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

11/03/2020

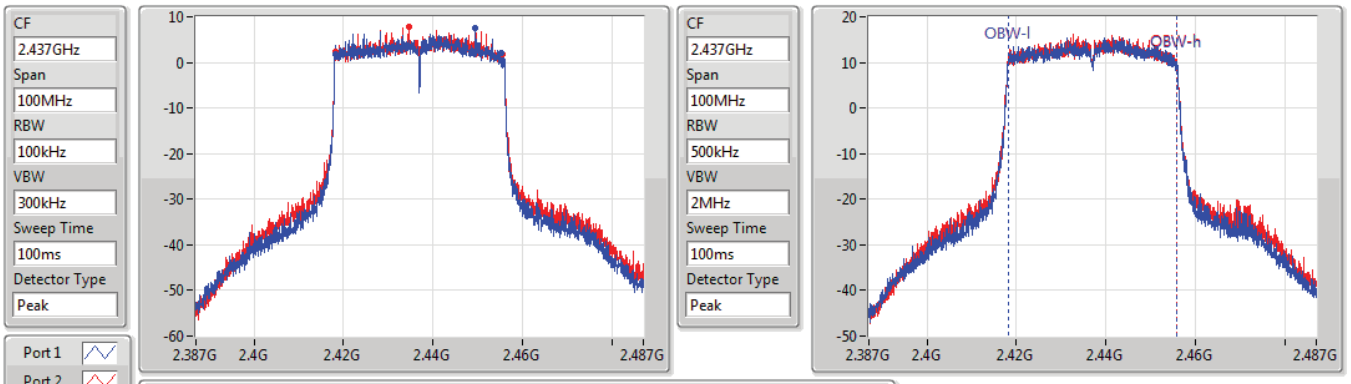


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.40305G	2.44095G	37.731M	2.403159G	2.440891G	500k	1
37.85M	2.40315G	2.441G	37.831M	2.403109G	2.440941G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

11/03/2020

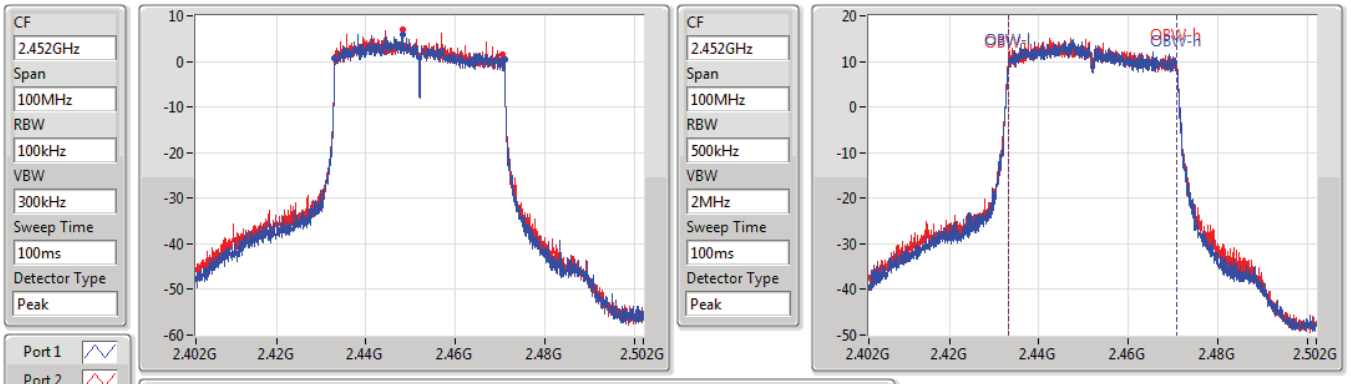


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4181G	2.45535G	37.681M	2.418109G	2.455791G	500k	1
37.45M	2.41815G	2.4556G	37.731M	2.418109G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

11/03/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.43305G	2.47095G	37.731M	2.433109G	2.470841G	500k	1
37.45M	2.43315G	2.4706G	37.781M	2.433059G	2.470841G	500k	2

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	10.05M	13.893M	13M9G1D	9.075M	13.843M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.942M	16M9D1D	15.65M	16.467M
VHT20_Nss1,(MCS0)_2TX	17.525M	17.991M	18M0D1D	16.275M	17.616M
VHT40_Nss1,(MCS0)_2TX	35.65M	36.432M	36M4D1D	35.05M	36.282M

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

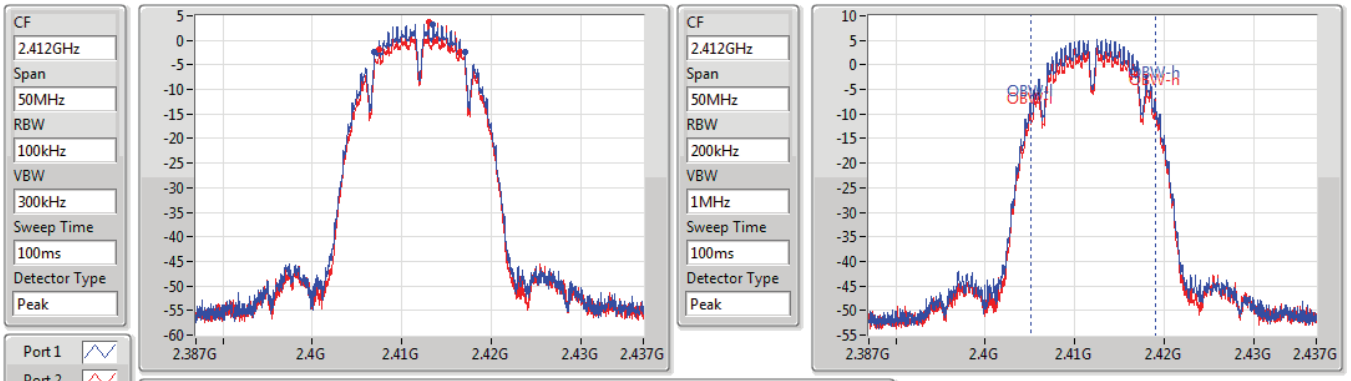
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	10.05M	13.843M	9.075M	13.843M
2437MHz_TnomVnom	Pass	500k	9.1M	13.893M	10.05M	13.868M
2462MHz_TnomVnom	Pass	500k	10.05M	13.868M	9.6M	13.868M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.925M	16.492M	15.9M	16.467M
2437MHz_TnomVnom	Pass	500k	16.3M	16.742M	15.65M	16.942M
2462MHz_TnomVnom	Pass	500k	16.275M	16.517M	15.9M	16.467M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.925M	17.641M	17.175M	17.641M
2437MHz_TnomVnom	Pass	500k	17.525M	17.841M	16.275M	17.991M
2462MHz_TnomVnom	Pass	500k	16.825M	17.666M	16.275M	17.616M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.65M	36.382M	35.65M	36.282M
2437MHz_TnomVnom	Pass	500k	35.05M	36.382M	35.6M	36.282M
2452MHz_TnomVnom	Pass	500k	35.35M	36.432M	35.65M	36.282M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

14/03/2020

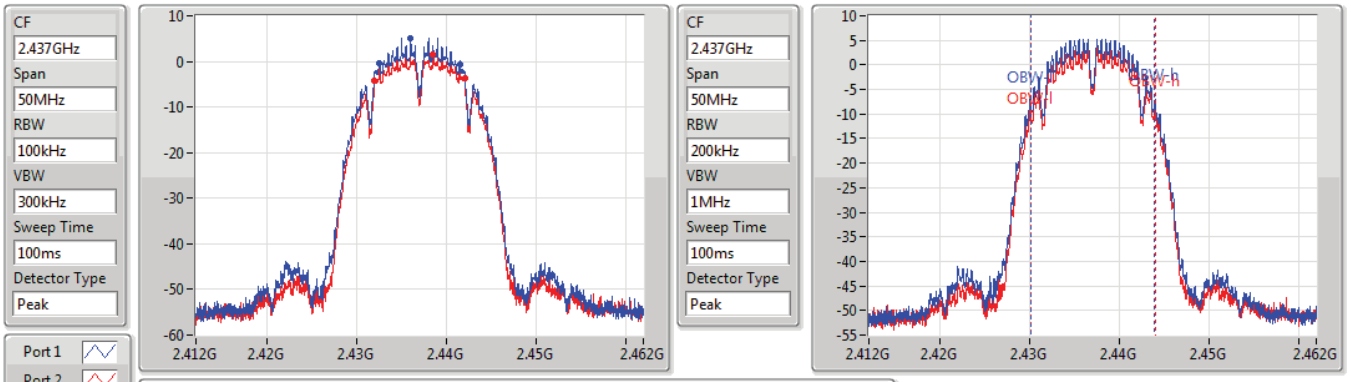


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.406975G	2.417025G	13.843M	2.405128G	2.418972G	500k	1
9.075M	2.407475G	2.41655G	13.843M	2.405153G	2.418997G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

14/03/2020

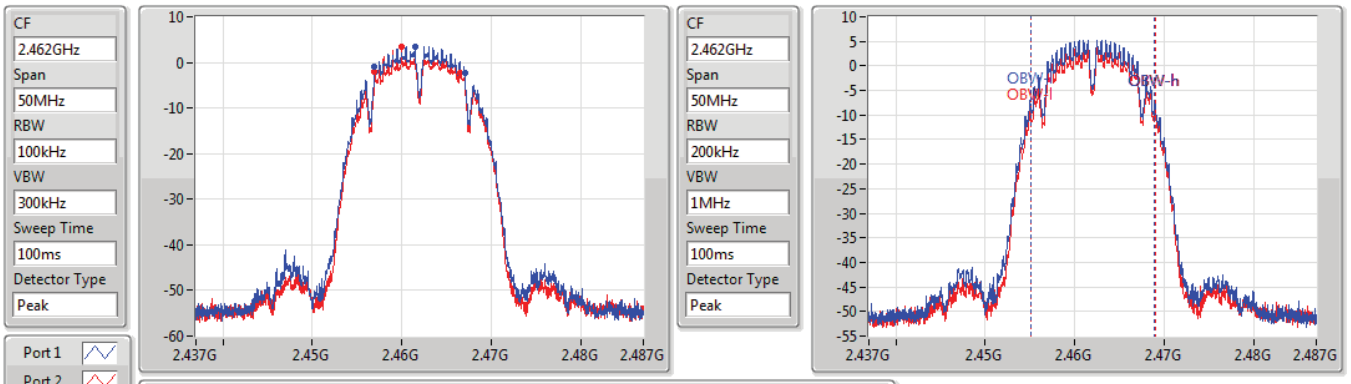


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.1M	2.43245G	2.44155G	13.893M	2.430053G	2.443947G	500k	1
10.05M	2.431975G	2.442025G	13.868M	2.430128G	2.443997G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

14/03/2020

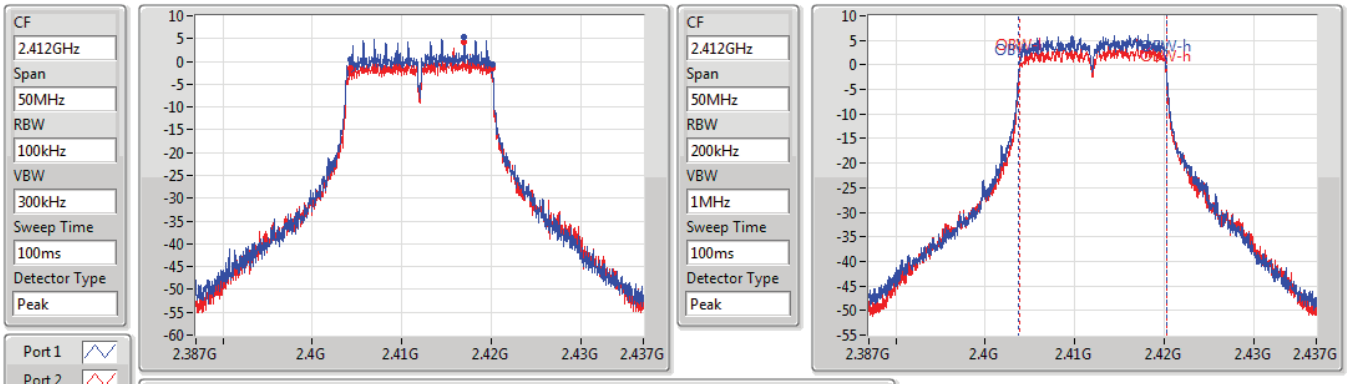


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	13.868M	2.455053G	2.468922G	500k	1
9.6M	2.45695G	2.46655G	13.868M	2.455103G	2.468972G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

14/03/2020

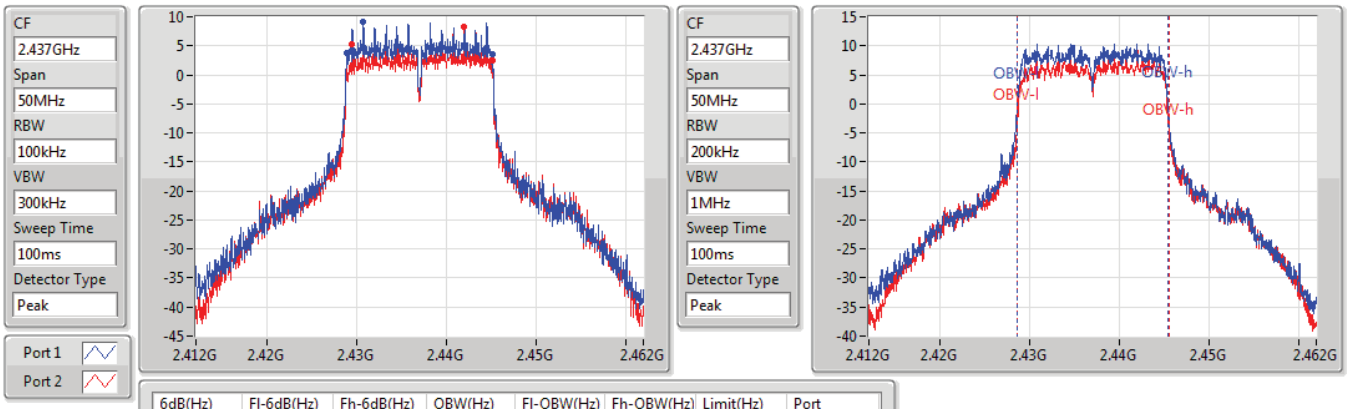


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.925M	2.404225G	2.42015G	16.492M	2.403754G	2.420246G	500k	1
15.9M	2.40425G	2.42015G	16.467M	2.403804G	2.420271G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

14/03/2020

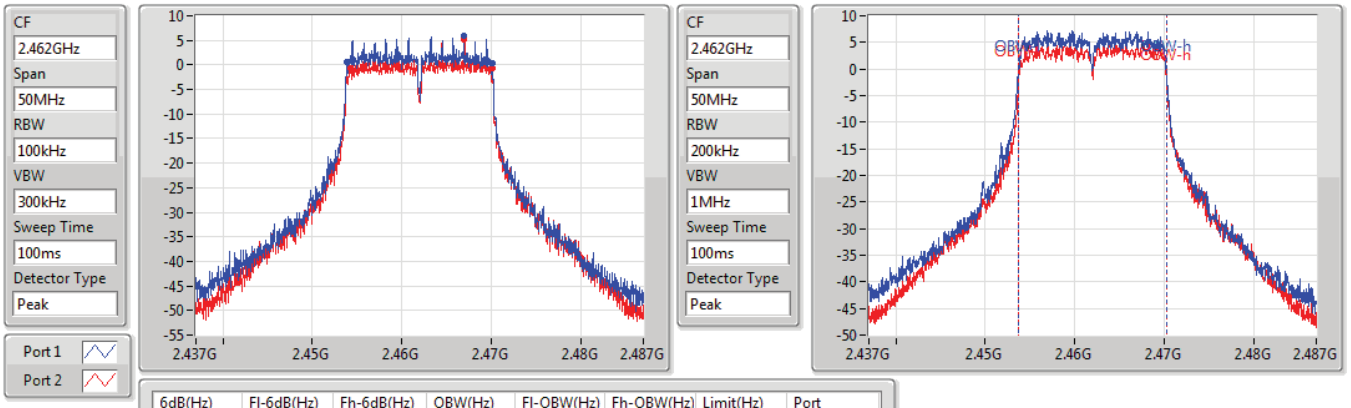


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	16.742M	2.428629G	2.445371G	500k	1
15.65M	2.429475G	2.445125G	16.942M	2.428629G	2.445571G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

14/03/2020

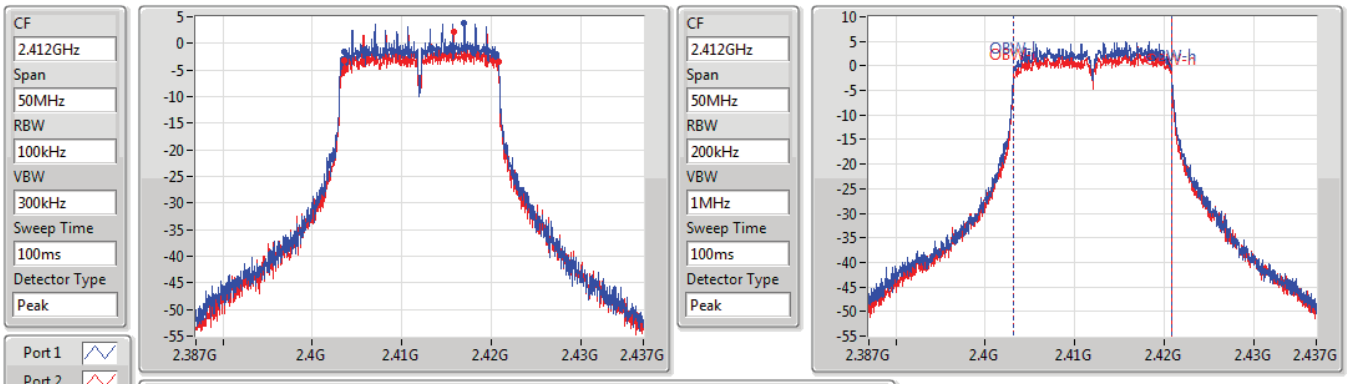


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.45385G	2.470125G	16.517M	2.453704G	2.470221G	500k	1
15.9M	2.454225G	2.470125G	16.467M	2.453779G	2.470246G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

14/03/2020

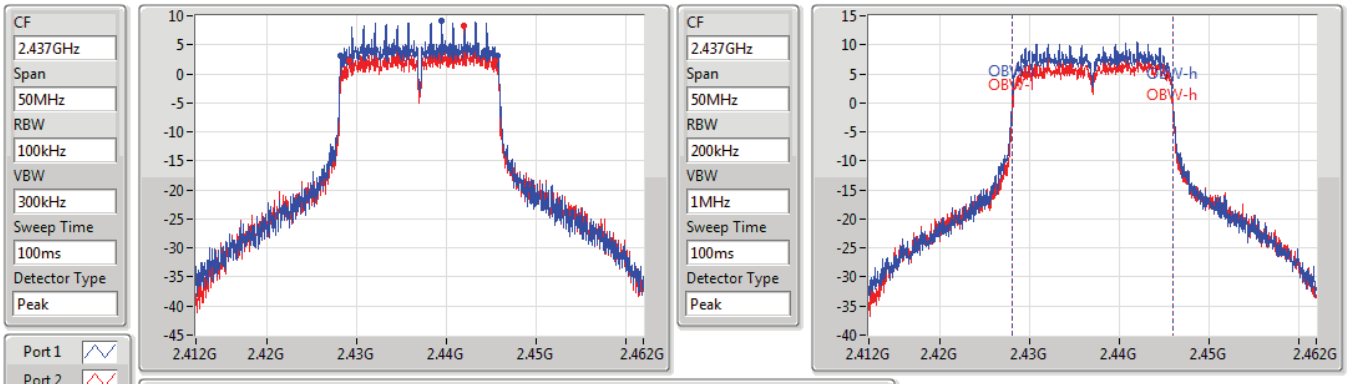


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.925M	2.4036G	2.420525G	17.641M	2.403204G	2.420846G	500k	1
17.175M	2.4036G	2.420775G	17.641M	2.403204G	2.420846G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

14/03/2020

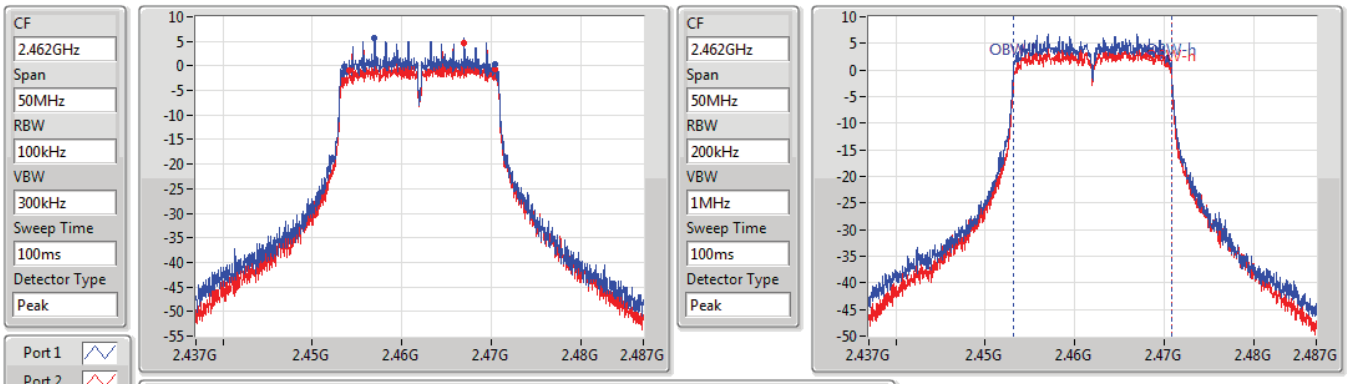


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.428225G	2.44575G	17.841M	2.428079G	2.445921G	500k	1
16.275M	2.4291G	2.445375G	17.991M	2.428054G	2.446045G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

14/03/2020

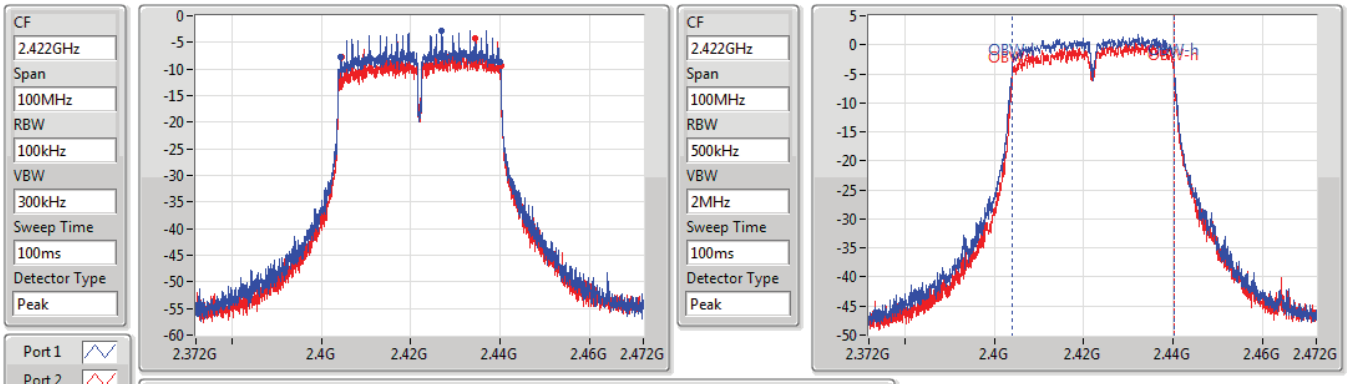


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.825M	2.453575G	2.4704G	17.666M	2.453154G	2.470821G	500k	1
16.275M	2.4541G	2.470375G	17.616M	2.453204G	2.470821G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

14/03/2020

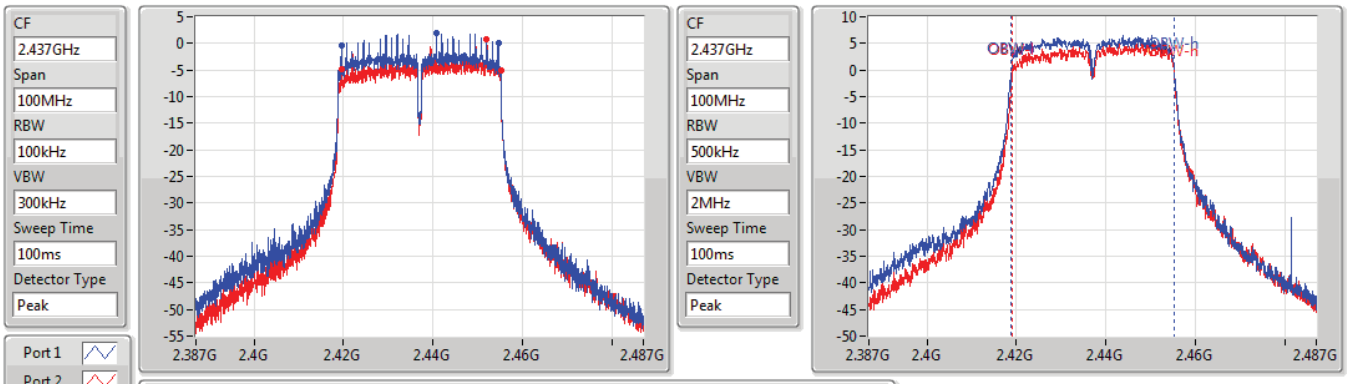


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.40445G	2.4401G	36.382M	2.403909G	2.440291G	500k	1
35.65M	2.4045G	2.44015G	36.282M	2.404009G	2.440291G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

14/03/2020

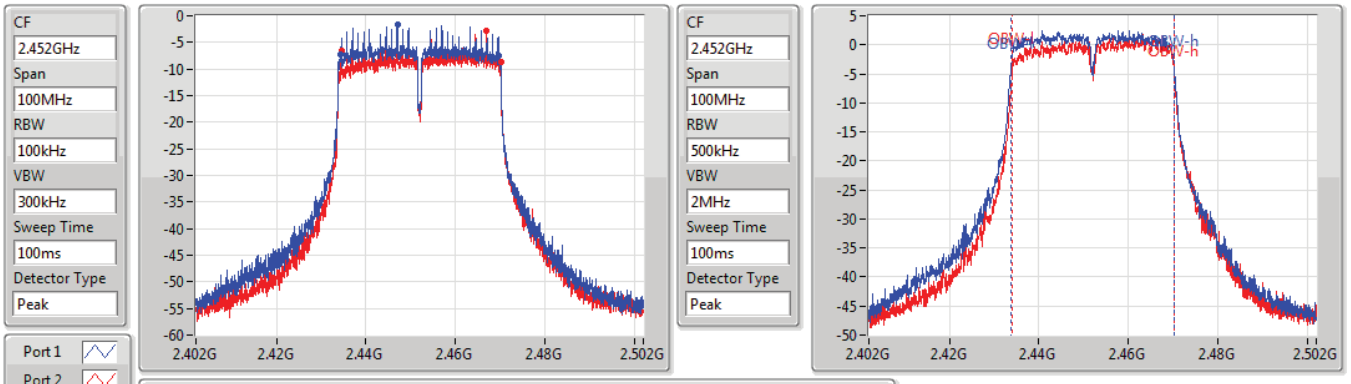


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.4195G	2.45455G	36.382M	2.418859G	2.455241G	500k	1
35.6M	2.41955G	2.45515G	36.282M	2.419009G	2.455291G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

14/03/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	2.43425G	2.4696G	36.432M	2.433809G	2.470241G	500k	1
35.65M	2.4345G	2.47015G	36.282M	2.434009G	2.470291G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.6M	13.073M	13M1G1D	7.05M	12.814M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.472M	16M5D1D	15.875M	16.352M
VHT20_Nss1,(MCS0)_2TX	17.575M	17.671M	17M7D1D	16.9M	17.551M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.182M	36M2D1D	32.8M	35.982M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	18.991M	19M0D1D	17.85M	18.871M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.05M	37.781M	37M8D1D	35.25M	37.581M

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

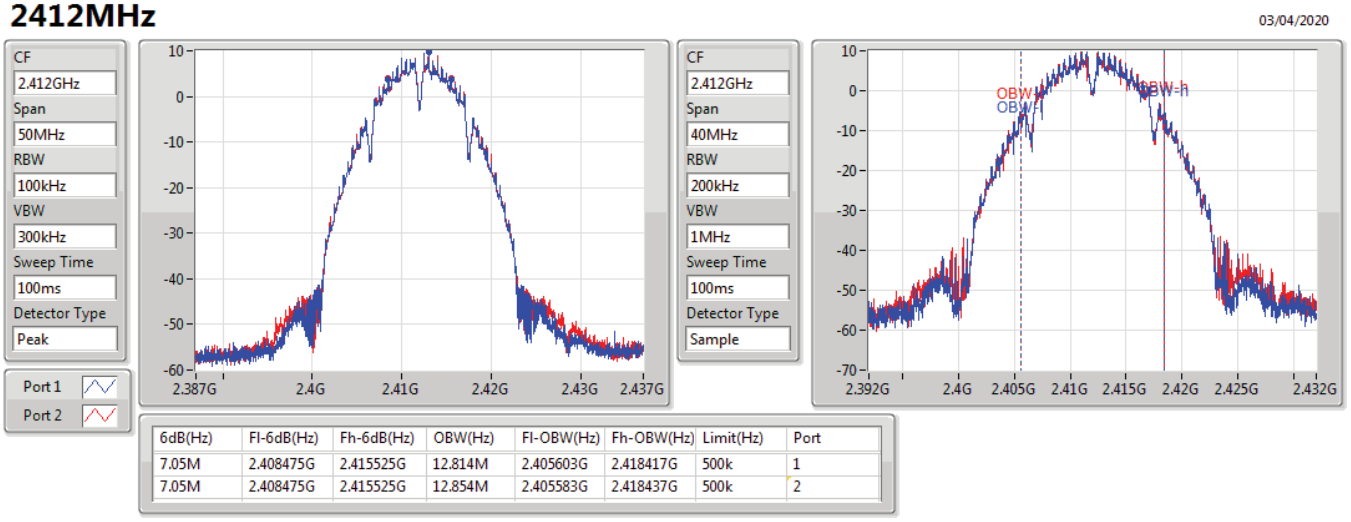
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	12.814M	7.05M	12.854M
2437MHz	Pass	500k	7.55M	12.954M	7.575M	13.013M
2462MHz	Pass	500k	7.05M	13.073M	7.6M	13.013M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.25M	16.372M	16.3M	16.352M
2437MHz	Pass	500k	16.3M	16.452M	15.875M	16.452M
2462MHz	Pass	500k	16.325M	16.472M	16.3M	16.432M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.95M	17.551M	16.9M	17.591M
2437MHz	Pass	500k	17.55M	17.631M	17.125M	17.671M
2462MHz	Pass	500k	17.125M	17.631M	17.575M	17.651M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.75M	36.102M	36.3M	36.182M
2437MHz	Pass	500k	34.9M	35.982M	35.3M	36.062M
2452MHz	Pass	500k	32.8M	35.982M	35.65M	36.102M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.85M	18.871M	18.775M	18.911M
2437MHz	Pass	500k	18.6M	18.911M	18.625M	18.991M
2462MHz	Pass	500k	18.55M	18.911M	18.9M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.8M	37.661M	37.7M	37.781M
2437MHz	Pass	500k	37.3M	37.581M	38.05M	37.701M
2452MHz	Pass	500k	35.25M	37.581M	36.45M	37.661M

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

802.11b_Nss1,(1Mbps)_2TX EBW

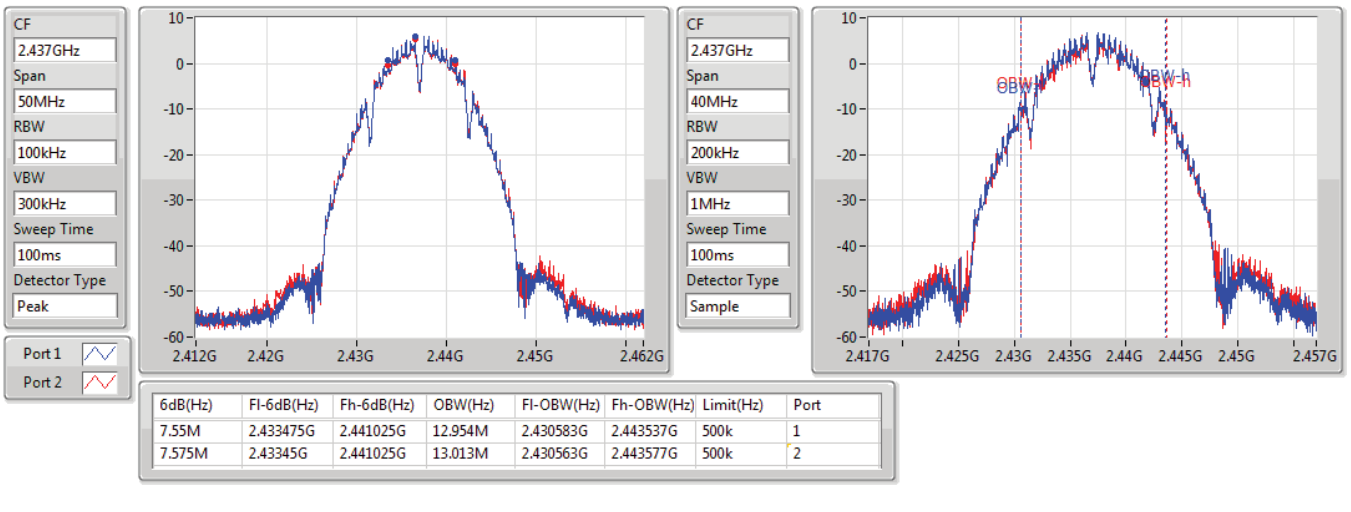
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	12.814M	2.405603G	2.418417G	500k	1
7.05M	2.408475G	2.415525G	12.854M	2.405583G	2.418437G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

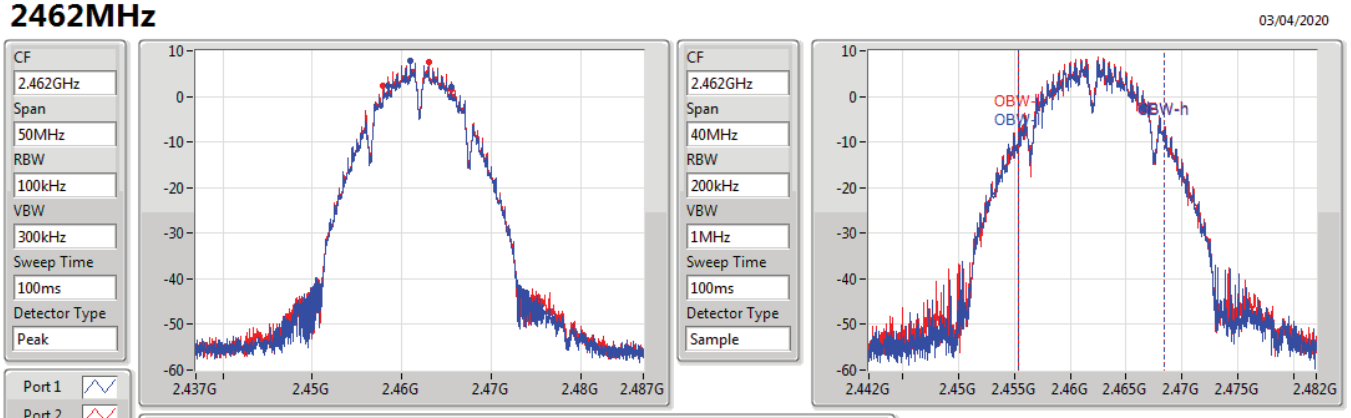
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.433475G	2.441025G	12.954M	2.430583G	2.443537G	500k	1
7.575M	2.43345G	2.441025G	13.013M	2.430563G	2.443577G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

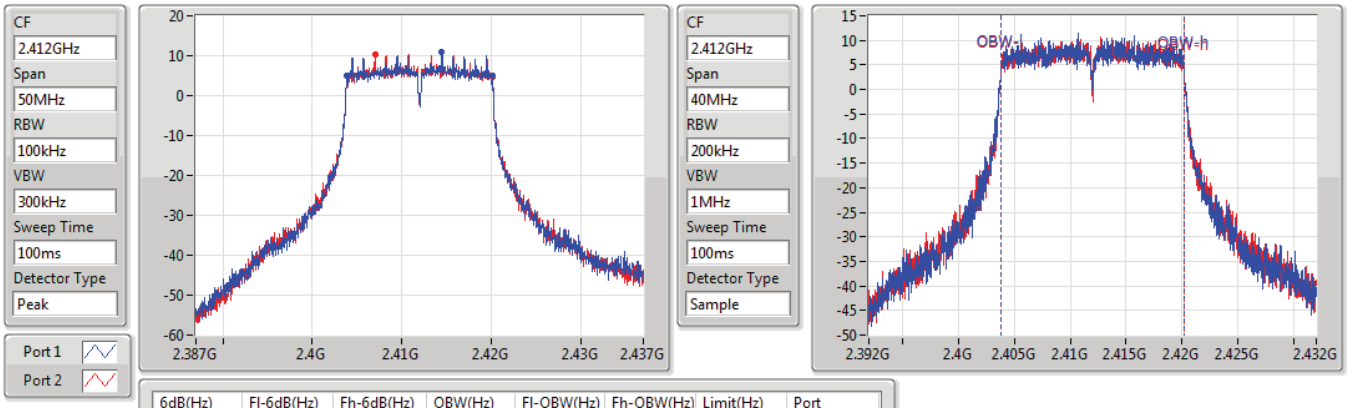
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	13.073M	2.455383G	2.468457G	500k	1
7.6M	2.45795G	2.46555G	13.013M	2.455423G	2.468437G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

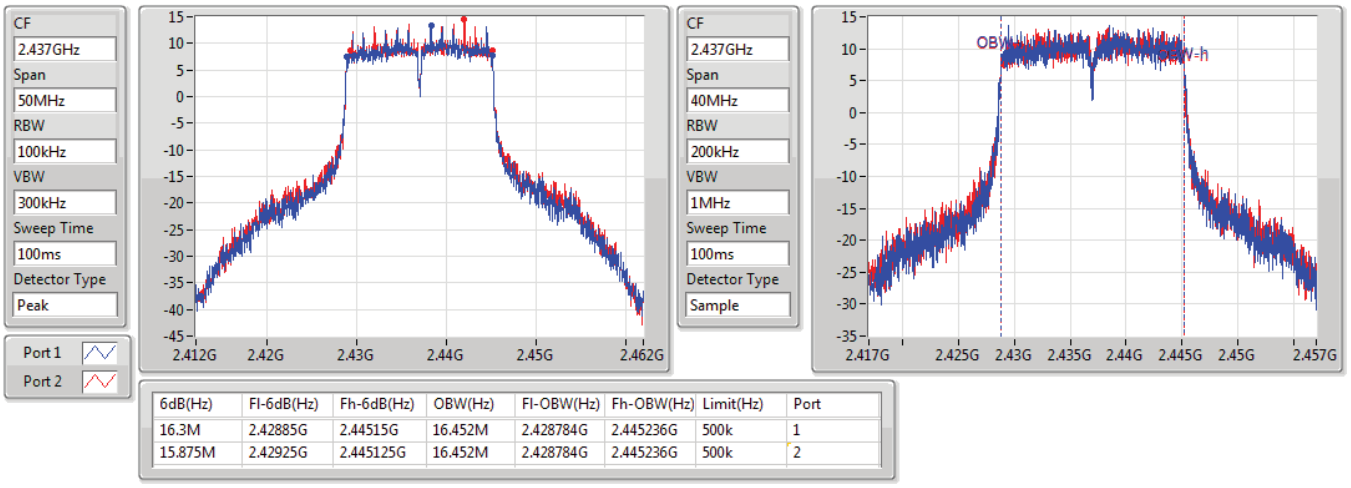


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.25M	2.403875G	2.420125G	16.372M	2.403804G	2.420176G	500k	1
16.3M	2.40385G	2.42015G	16.352M	2.403824G	2.420176G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

03/04/2020

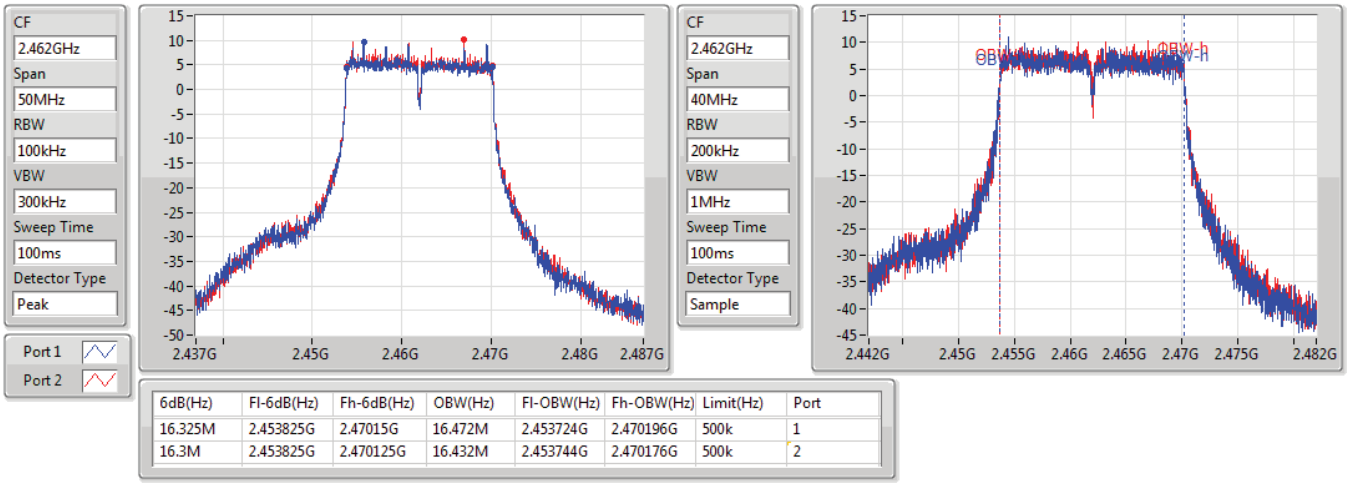


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	16.452M	2.428784G	2.445236G	500k	1
15.875M	2.42925G	2.445125G	16.452M	2.428784G	2.445236G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

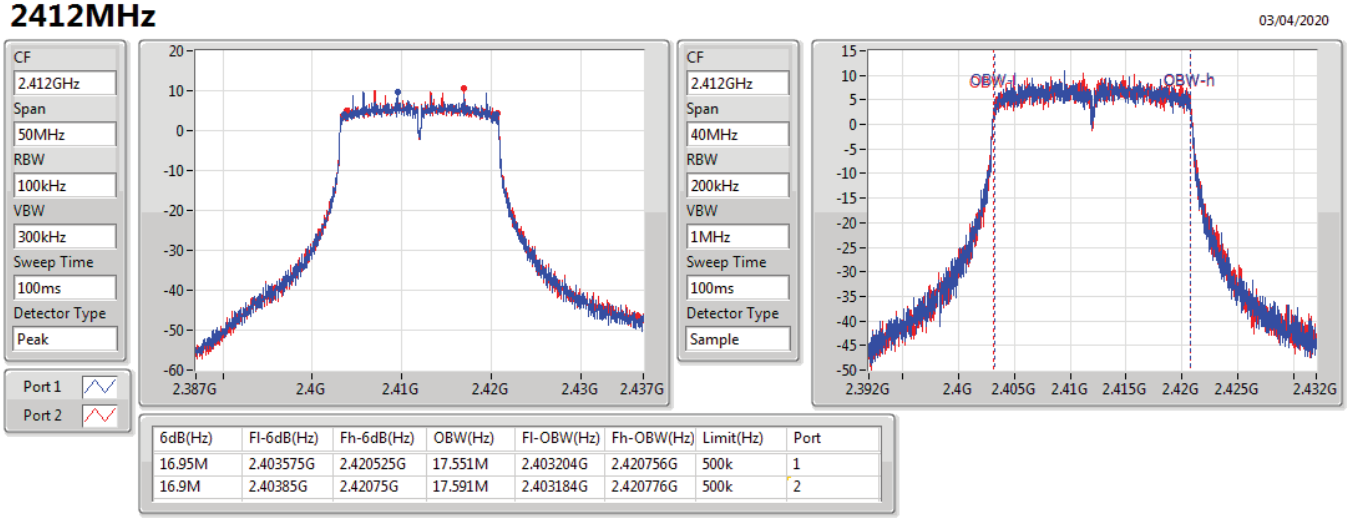
03/04/2020



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	16.472M	2.453724G	2.470196G	500k	1
16.3M	2.453825G	2.470125G	16.432M	2.453744G	2.470176G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

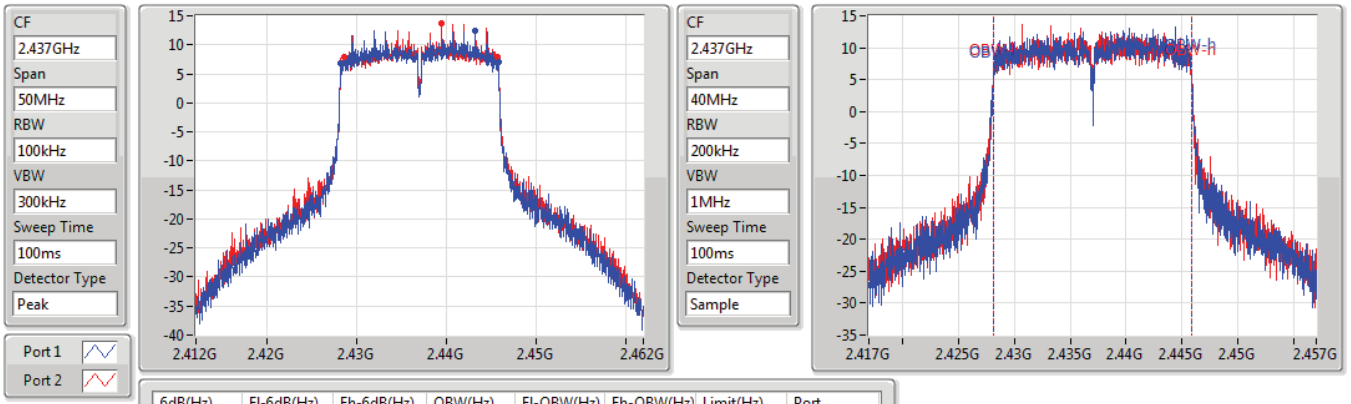
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.95M	2.403575G	2.420525G	17.551M	2.403204G	2.420756G	500k	1
16.9M	2.40385G	2.42075G	17.591M	2.403184G	2.420776G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

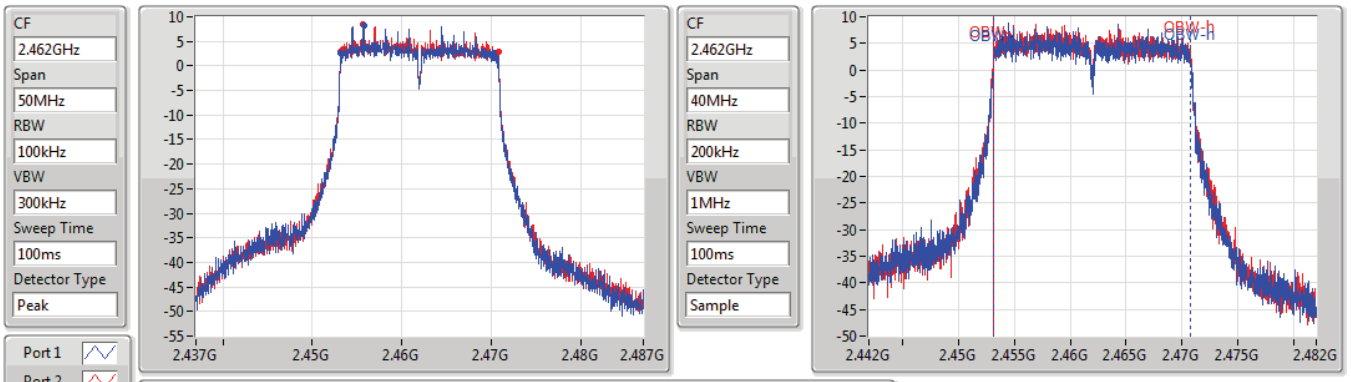


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.428225G	2.445775G	17.631M	2.428184G	2.445816G	500k	1
17.125M	2.428625G	2.44575G	17.671M	2.428164G	2.445836G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

03/04/2020

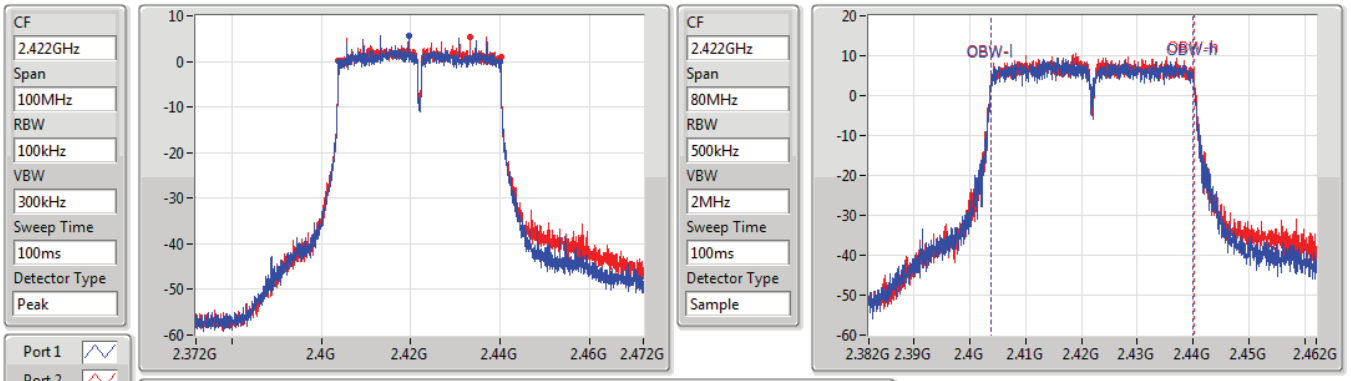


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.125M	2.453225G	2.47035G	17.631M	2.453144G	2.470776G	500k	1
17.575M	2.4532G	2.470775G	17.651M	2.453144G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

03/04/2020

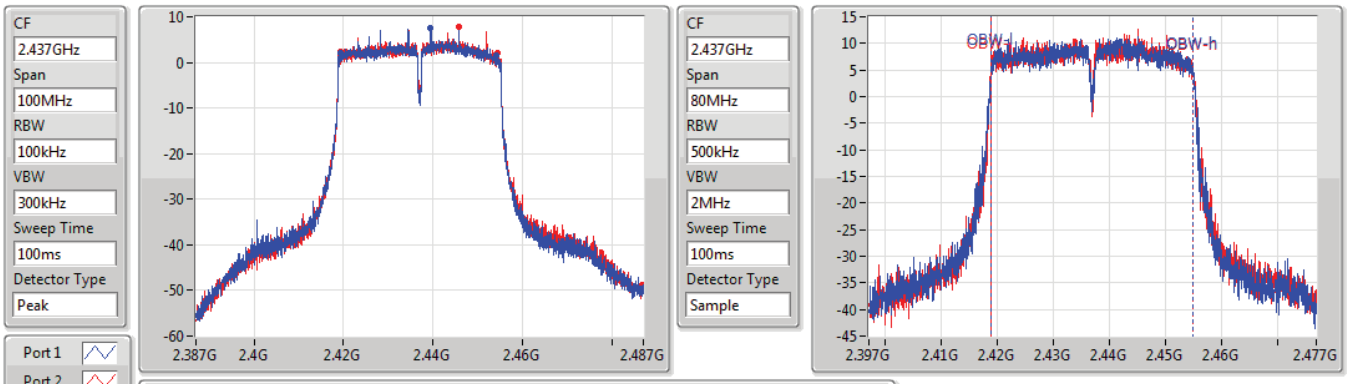


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.75M	2.4041G	2.43985G	36.102M	2.403929G	2.440031G	500k	1
36.3M	2.40385G	2.44015G	36.182M	2.403929G	2.440111G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

03/04/2020

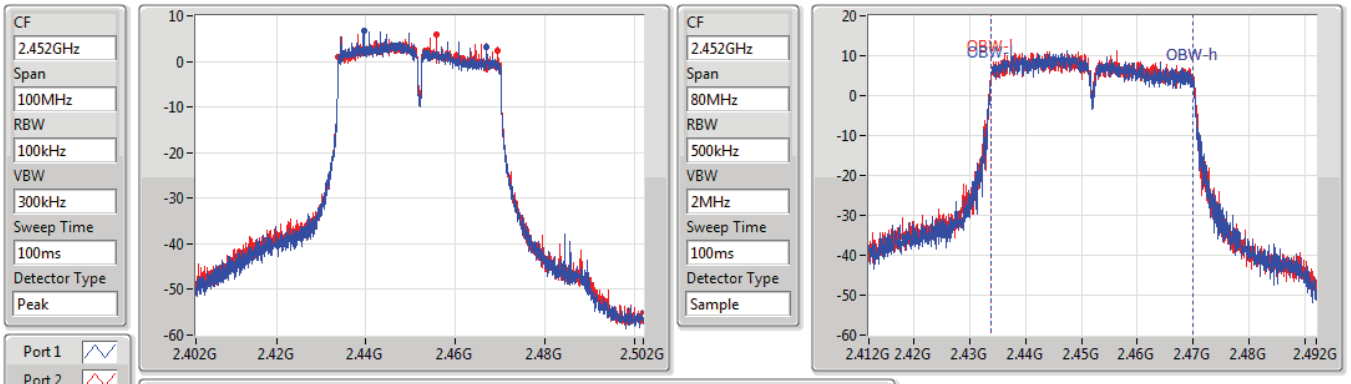


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.9M	2.4192G	2.4541G	35.982M	2.418929G	2.454911G	500k	1
35.3M	2.4192G	2.4545G	36.062M	2.418929G	2.454991G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

03/04/2020

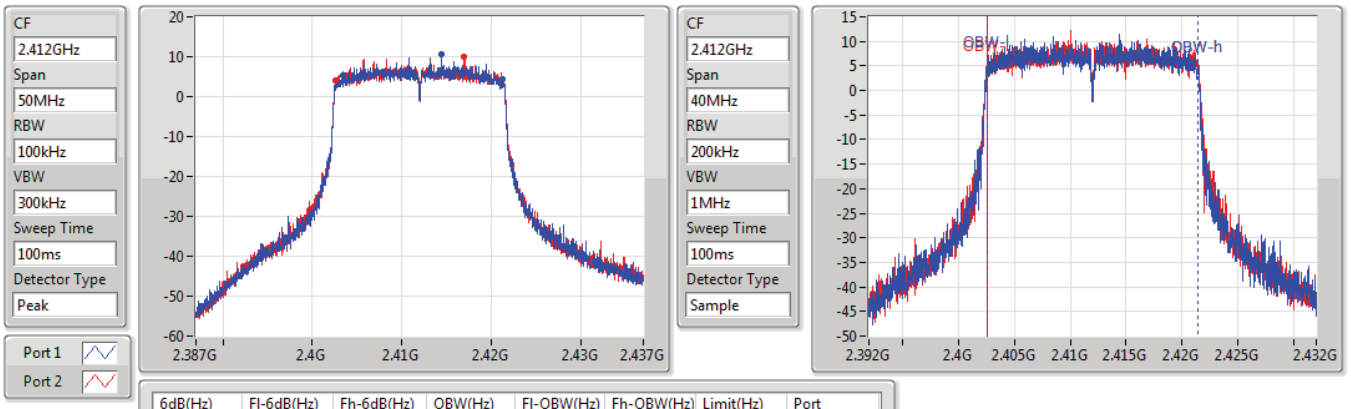


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.8M	2.4342G	2.467G	35.982M	2.433889G	2.469871G	500k	1
35.65M	2.43385G	2.4695G	36.102M	2.433889G	2.469991G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

03/04/2020

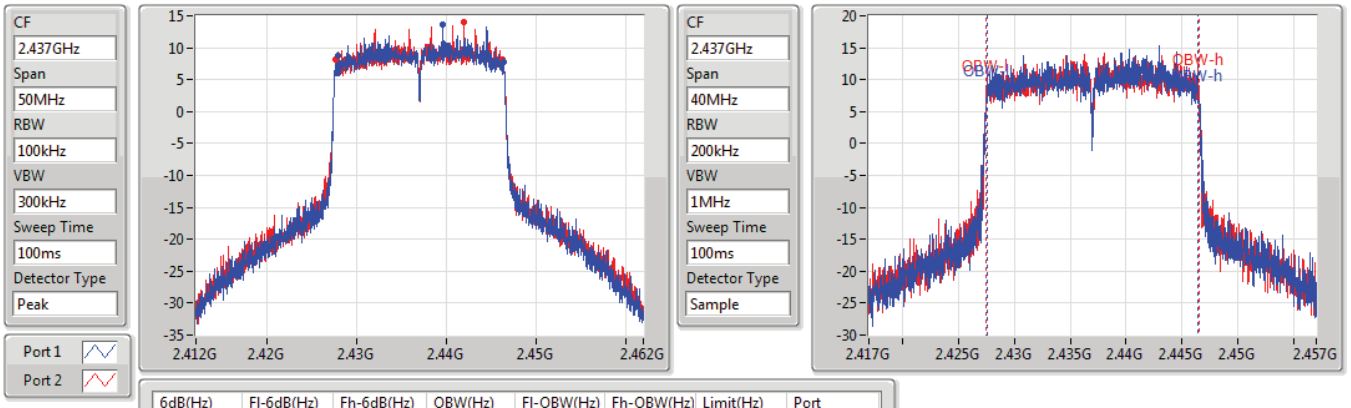


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.85M	2.403375G	2.421225G	18.871M	2.402545G	2.421415G	500k	1
18.775M	2.40255G	2.421325G	18.911M	2.402545G	2.421455G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

03/04/2020

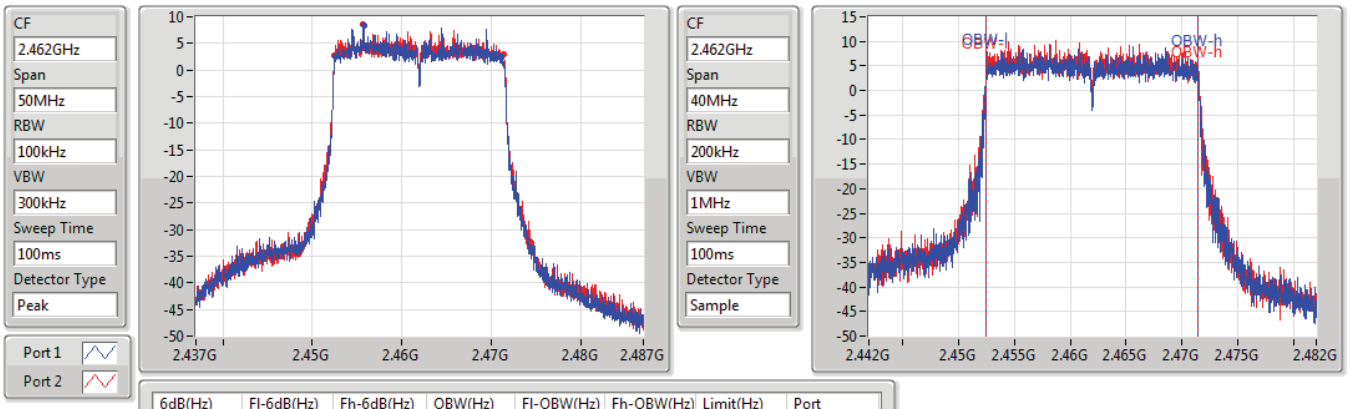


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	2.427825G	2.446425G	18.911M	2.427545G	2.446455G	500k	1
18.625M	2.42765G	2.446275G	18.991M	2.427505G	2.446495G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

03/04/2020

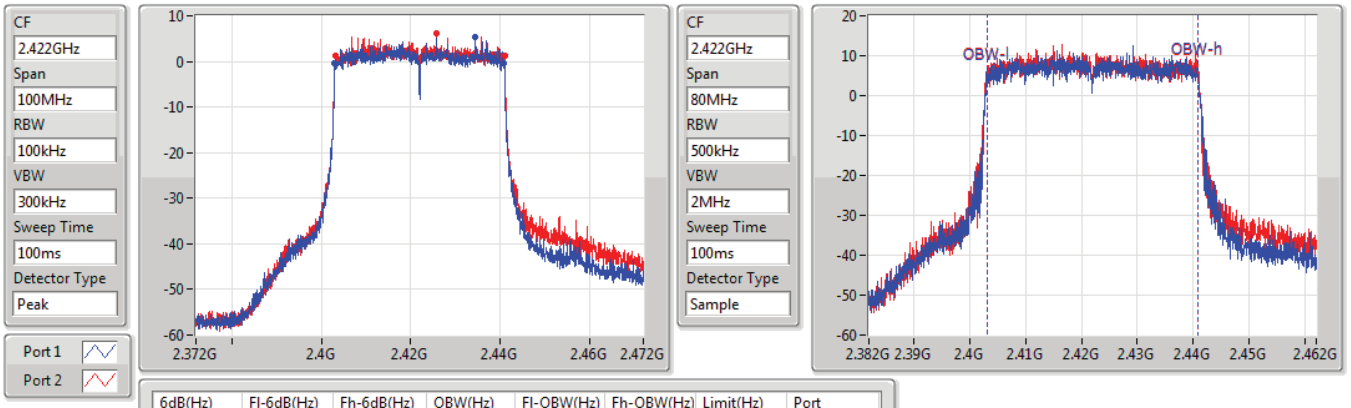


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.55M	2.4526G	2.47115G	18.911M	2.452505G	2.471415G	500k	1
18.9M	2.452525G	2.471425G	18.951M	2.452485G	2.471435G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

03/04/2020

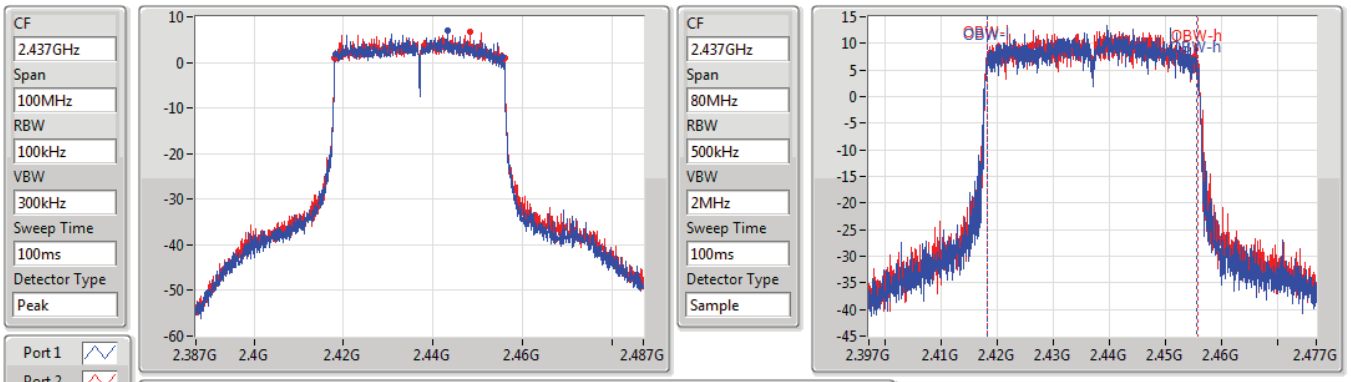


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.40305G	2.44085G	37.661M	2.403129G	2.440791G	500k	1
37.7M	2.40325G	2.44095G	37.781M	2.403129G	2.440911G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

03/04/2020

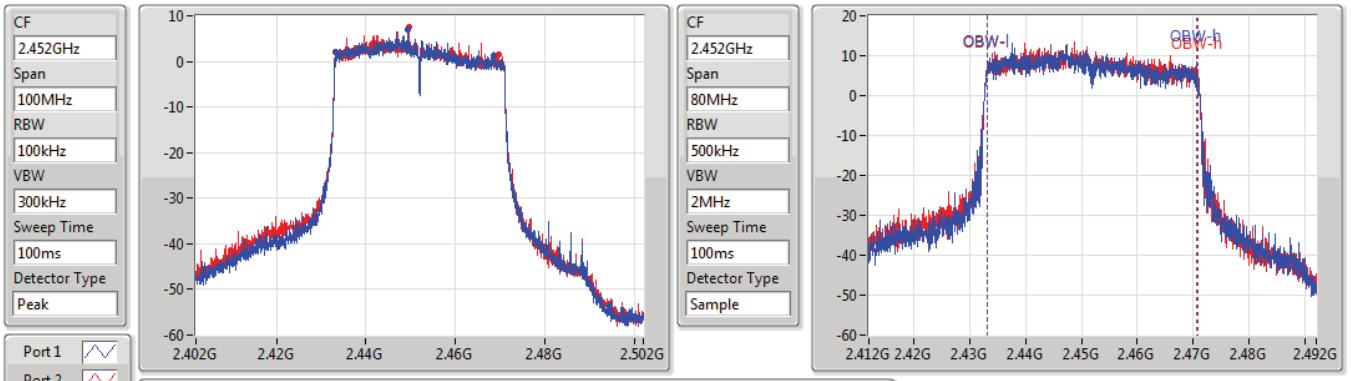


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.4181G	2.4554G	37.581M	2.418129G	2.455711G	500k	1
38.05M	2.41795G	2.456G	37.701M	2.418089G	2.455791G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

03/04/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	2.4333G	2.46855G	37.581M	2.433089G	2.470671G	500k	1
36.45M	2.4332G	2.46965G	37.661M	2.433089G	2.470751G	500k	2

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	10.05M	13.893M	13M9G1D	9.075M	13.773M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.592M	16M6D1D	15.9M	16.432M
VHT20_Nss1,(MCS0)_2TX	17.55M	17.751M	17M8D1D	15.925M	17.631M
VHT40_Nss1,(MCS0)_2TX	35.65M	36.182M	36M2D1D	35.05M	36.102M

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

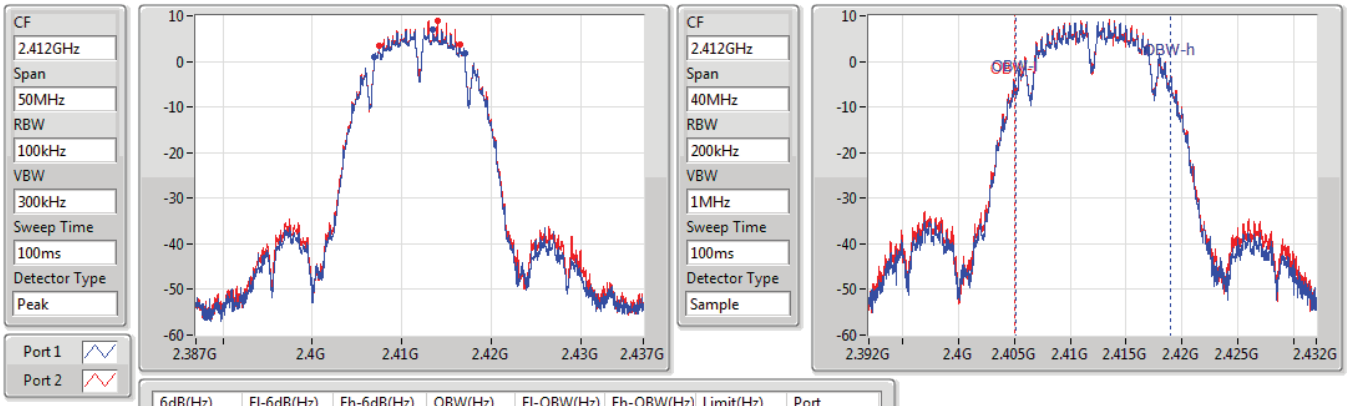
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.05M	13.773M	9.075M	13.893M
2437MHz	Pass	500k	9.575M	13.793M	10.05M	13.873M
2462MHz	Pass	500k	9.6M	13.853M	10.05M	13.873M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.452M	15.925M	16.472M
2437MHz	Pass	500k	16.275M	16.572M	15.9M	16.592M
2462MHz	Pass	500k	16.3M	16.452M	16.3M	16.432M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.175M	17.631M	15.925M	17.631M
2437MHz	Pass	500k	16.8M	17.751M	17.55M	17.731M
2462MHz	Pass	500k	16.8M	17.631M	16.875M	17.671M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.65M	36.102M	35.05M	36.102M
2437MHz	Pass	500k	35.65M	36.182M	35.05M	36.142M
2452MHz	Pass	500k	35.2M	36.102M	35.15M	36.102M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

02/04/2020

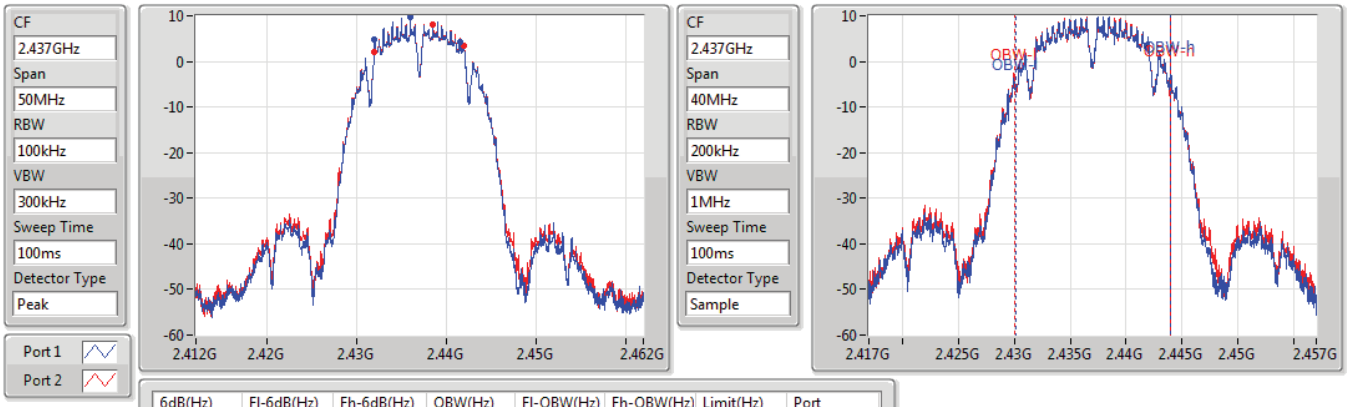


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.406975G	2.417025G	13.773M	2.405183G	2.418957G	500k	1
9.075M	2.40745G	2.416525G	13.893M	2.405083G	2.418977G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

02/04/2020

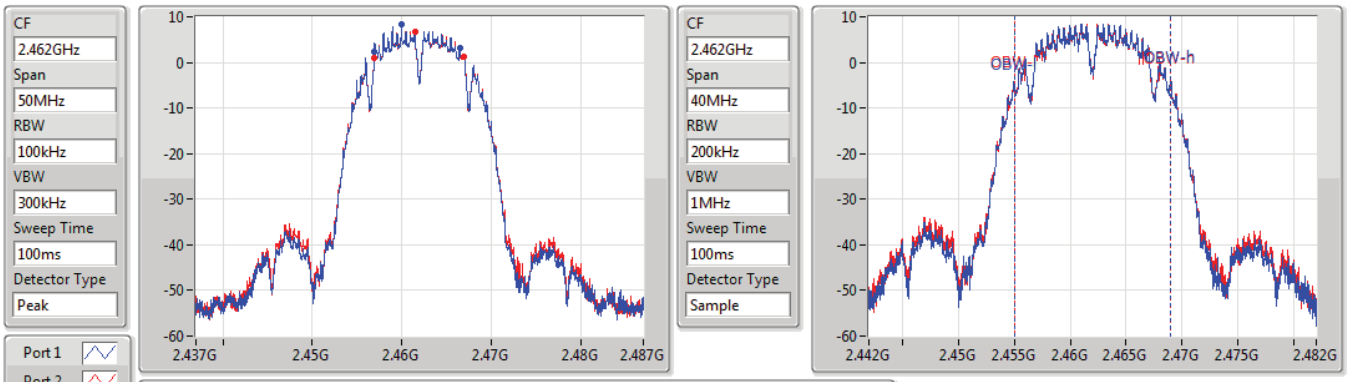


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.575M	2.43195G	2.441525G	13.793M	2.430163G	2.443957G	500k	1
10.05M	2.43195G	2.442G	13.873M	2.430043G	2.443917G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

02/04/2020

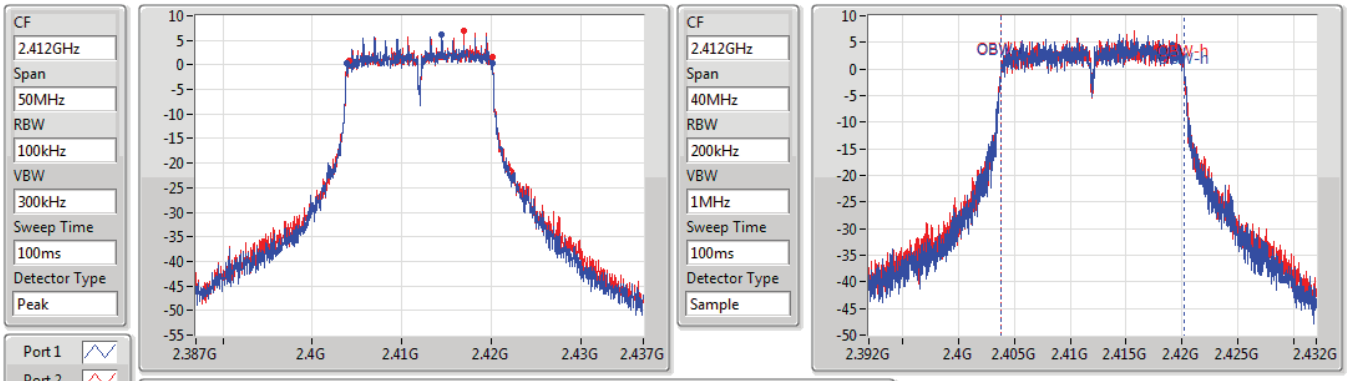


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.6M	2.456925G	2.466525G	13.853M	2.455063G	2.468917G	500k	1
10.05M	2.45695G	2.467G	13.873M	2.455043G	2.468917G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

02/04/2020

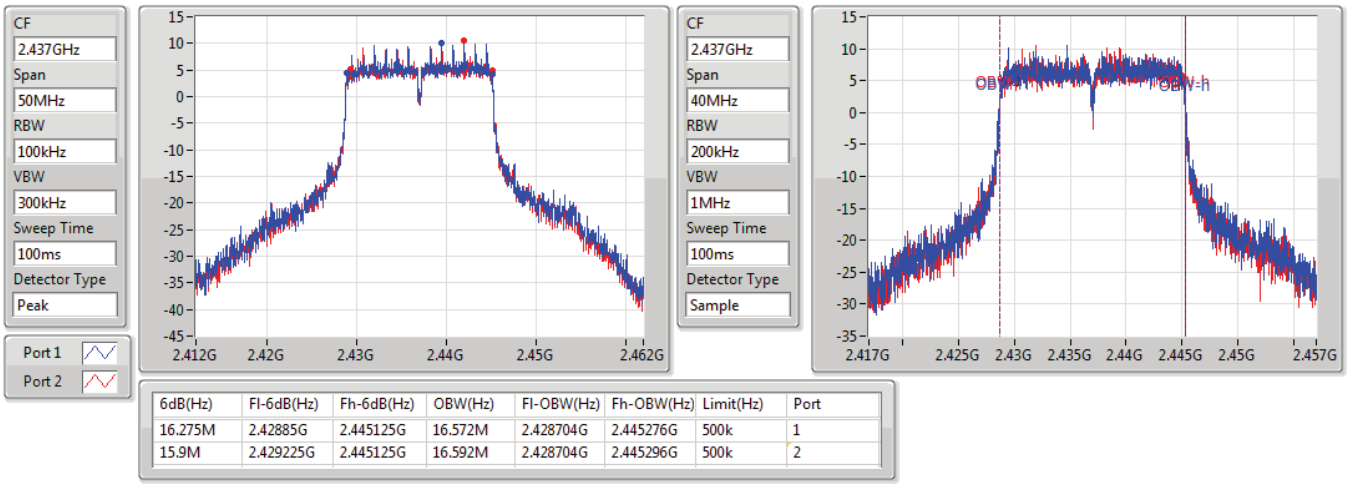


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.452M	2.403784G	2.420236G	500k	1
15.925M	2.4042G	2.420125G	16.472M	2.403764G	2.420236G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

02/04/2020

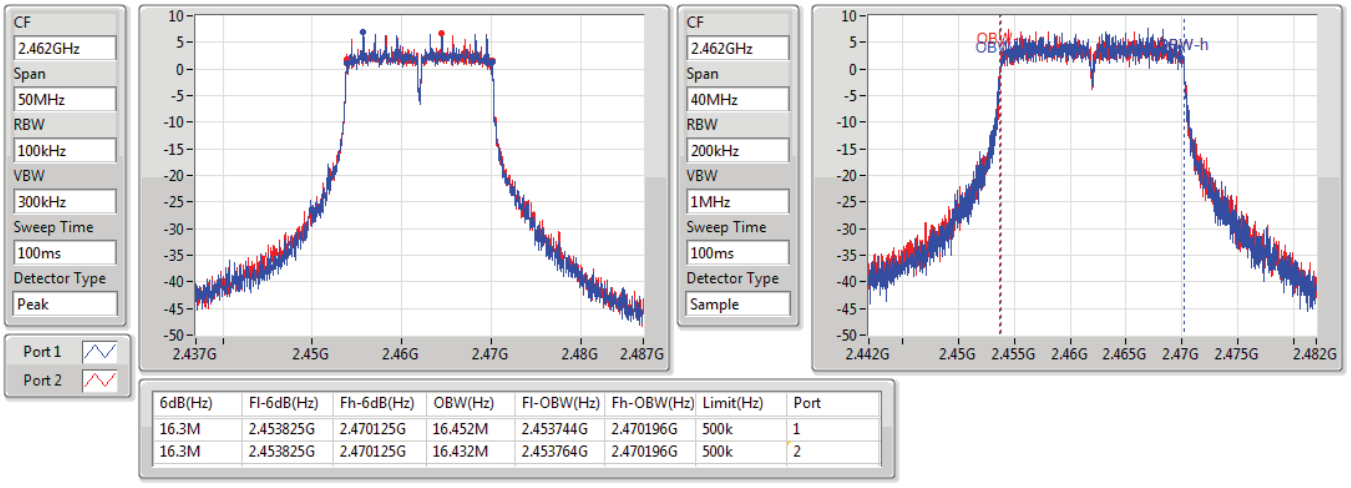


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.572M	2.428704G	2.445276G	500k	1
15.9M	2.429225G	2.445125G	16.592M	2.428704G	2.445296G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

02/04/2020

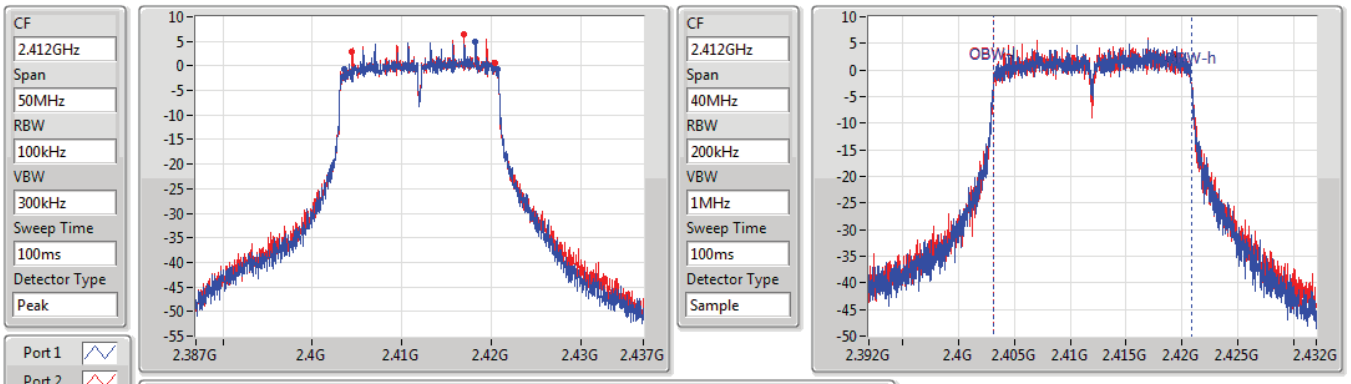


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.452M	2.453744G	2.470196G	500k	1
16.3M	2.453825G	2.470125G	16.432M	2.453764G	2.470196G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

02/04/2020

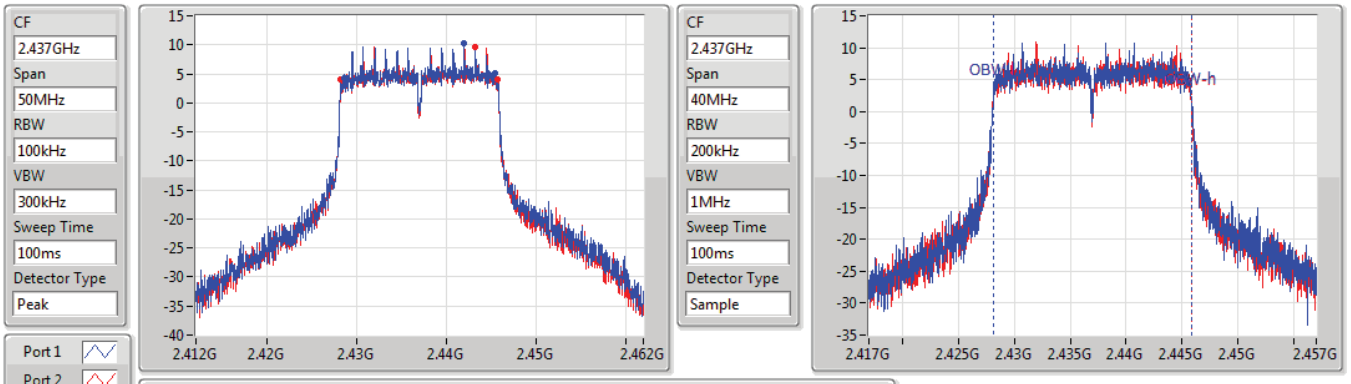


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.175M	2.403575G	2.42075G	17.631M	2.403184G	2.420816G	500k	1
15.925M	2.40445G	2.420375G	17.631M	2.403184G	2.420816G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

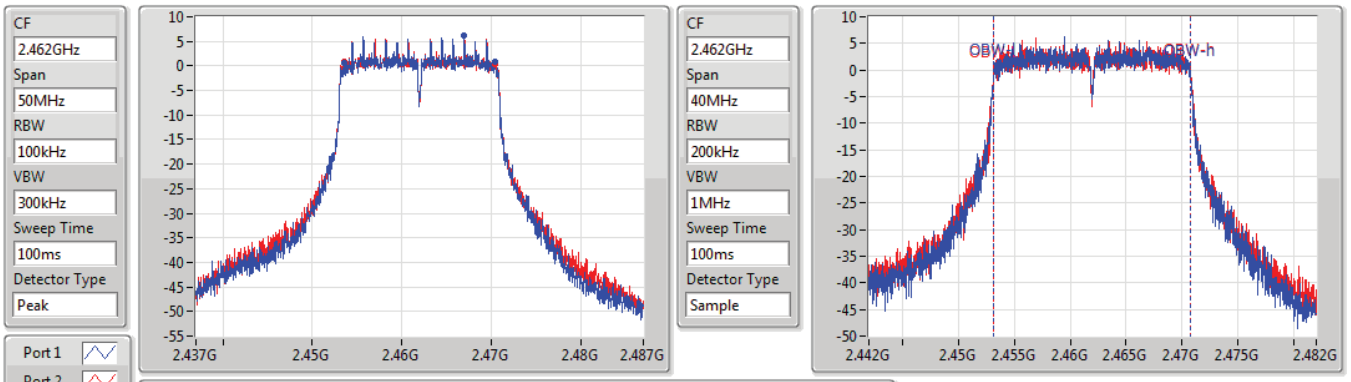


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.428575G	2.445375G	17.751M	2.428124G	2.445876G	500k	1
17.55M	2.4282G	2.44575G	17.731M	2.428124G	2.445856G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

02/04/2020

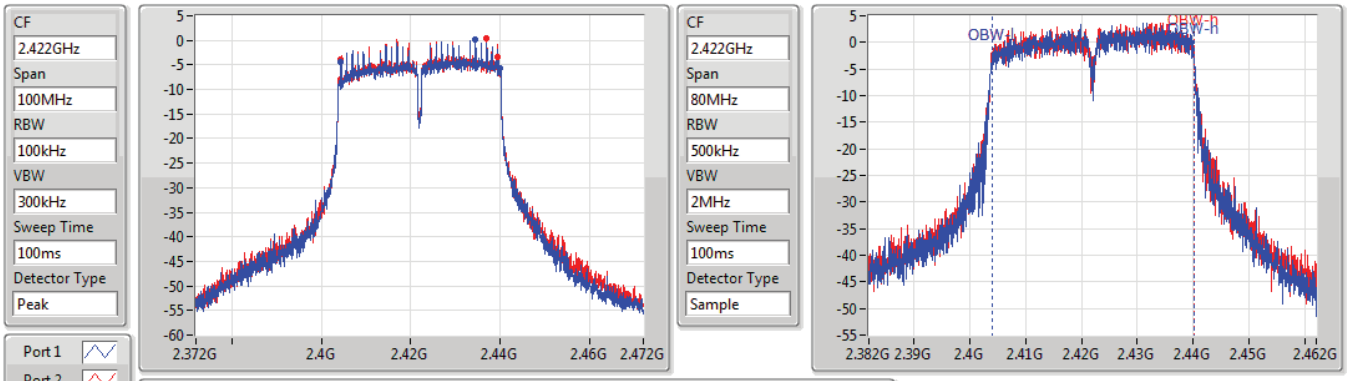


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.453575G	2.470375G	17.631M	2.453144G	2.470776G	500k	1
16.875M	2.4536G	2.470475G	17.671M	2.453124G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

02/04/2020

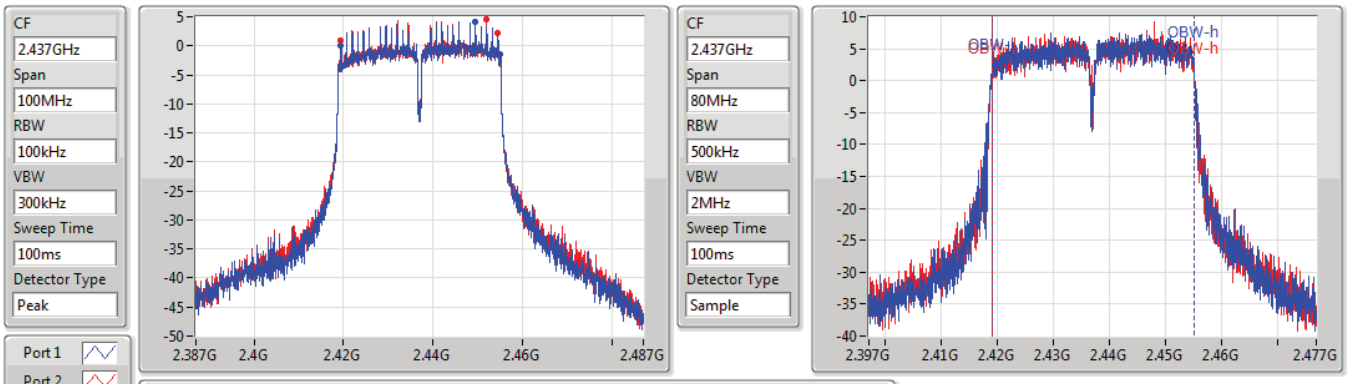


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.40445G	2.4401G	36.102M	2.404009G	2.440111G	500k	1
35.05M	2.40445G	2.4395G	36.102M	2.404009G	2.440111G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

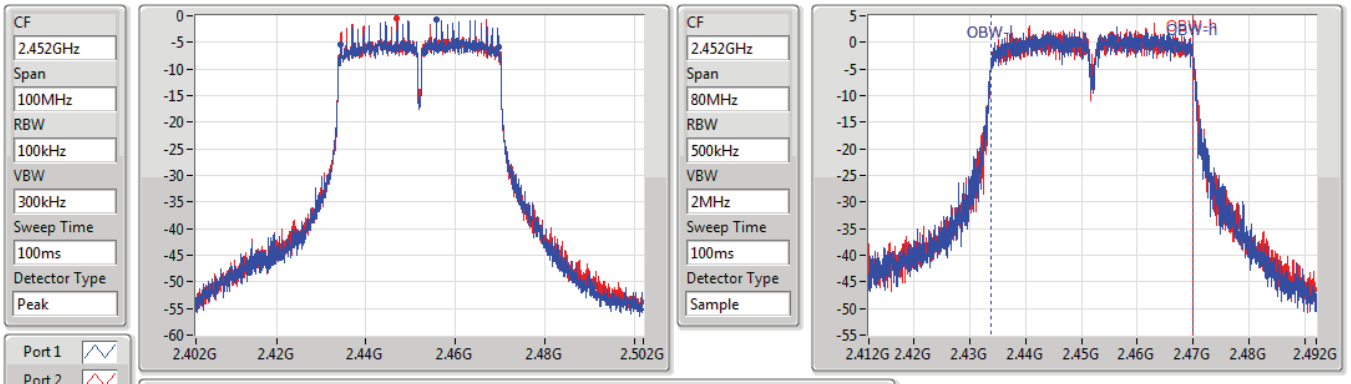


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.41945G	2.4551G	36.182M	2.418969G	2.455151G	500k	1
35.05M	2.41945G	2.4545G	36.142M	2.418969G	2.455111G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

02/04/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.2M	2.4344G	2.4696G	36.102M	2.433929G	2.470031G	500k	1
35.15M	2.4344G	2.46955G	36.102M	2.433929G	2.470031G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.575M	12.994M	13M0G1D	7.05M	12.774M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.612M	16M6D1D	15.65M	16.412M
VHT20_Nss1,(MCS0)_2TX	17.575M	17.691M	17M7D1D	16.675M	17.571M
VHT40_Nss1,(MCS0)_2TX	36.05M	36.182M	36M2D1D	34.45M	35.942M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	18.991M	19M0D1D	18.35M	18.911M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.95M	37.821M	37M8D1D	35.65M	37.621M

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

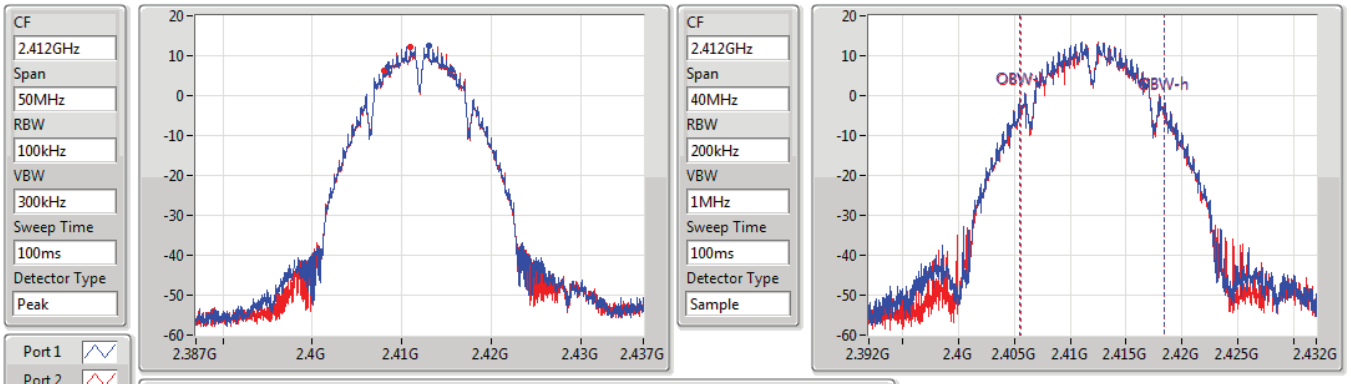
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.1M	12.874M	7.55M	12.834M
2437MHz_TnomVnom	Pass	500k	7.05M	12.794M	7.575M	12.774M
2462MHz_TnomVnom	Pass	500k	7.075M	12.974M	7.05M	12.994M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	15.65M	16.432M	16.325M	16.432M
2437MHz_TnomVnom	Pass	500k	15.65M	16.572M	15.9M	16.612M
2462MHz_TnomVnom	Pass	500k	16.3M	16.412M	16.325M	16.452M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.9M	17.591M	17.275M	17.571M
2437MHz_TnomVnom	Pass	500k	17.325M	17.691M	16.675M	17.691M
2462MHz_TnomVnom	Pass	500k	17.575M	17.651M	17.575M	17.631M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.05M	36.182M	35.9M	36.142M
2437MHz_TnomVnom	Pass	500k	35.6M	35.942M	35M	35.982M
2452MHz_TnomVnom	Pass	500k	34.45M	36.102M	34.45M	36.102M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.875M	18.931M	18.35M	18.911M
2437MHz_TnomVnom	Pass	500k	18.825M	18.991M	18.85M	18.991M
2462MHz_TnomVnom	Pass	500k	19.05M	18.971M	18.95M	18.931M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.95M	37.821M	37.75M	37.741M
2437MHz_TnomVnom	Pass	500k	35.65M	37.621M	35.8M	37.621M
2452MHz_TnomVnom	Pass	500k	36.2M	37.741M	35.85M	37.701M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

02/04/2020

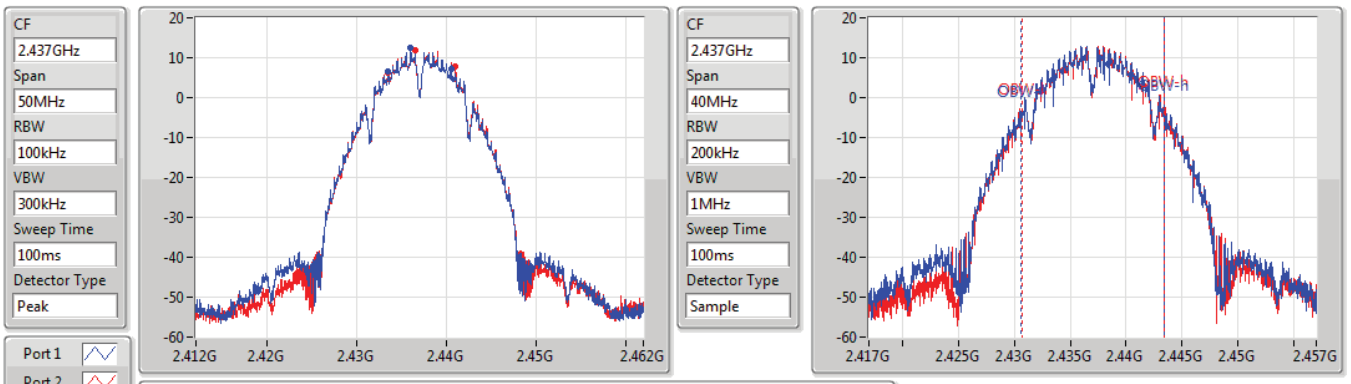


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.40845G	2.41555G	12.874M	2.405523G	2.418397G	500k	1
7.55M	2.408G	2.41555G	12.834M	2.405543G	2.418377G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

02/04/2020

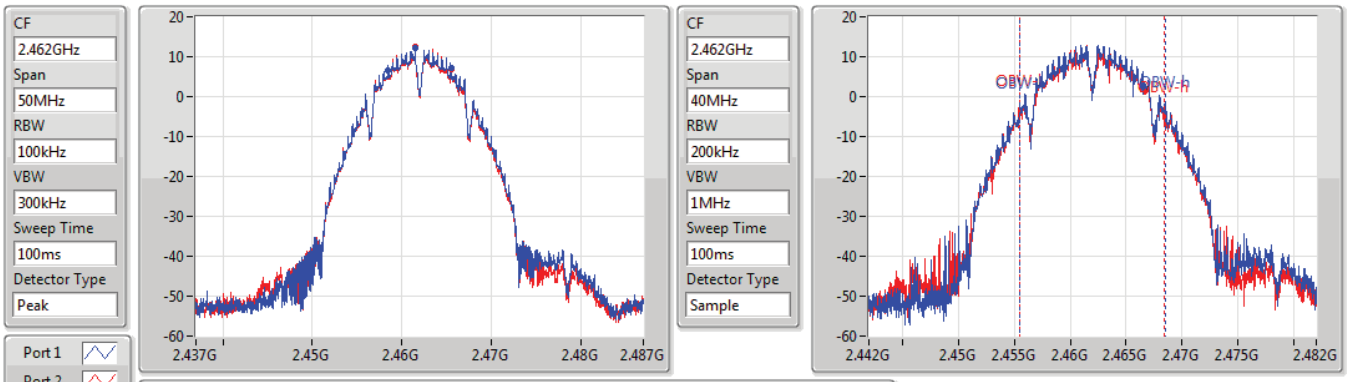


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.433475G	2.440525G	12.794M	2.430643G	2.443437G	500k	1
7.575M	2.43345G	2.441025G	12.774M	2.430683G	2.443457G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

02/04/2020

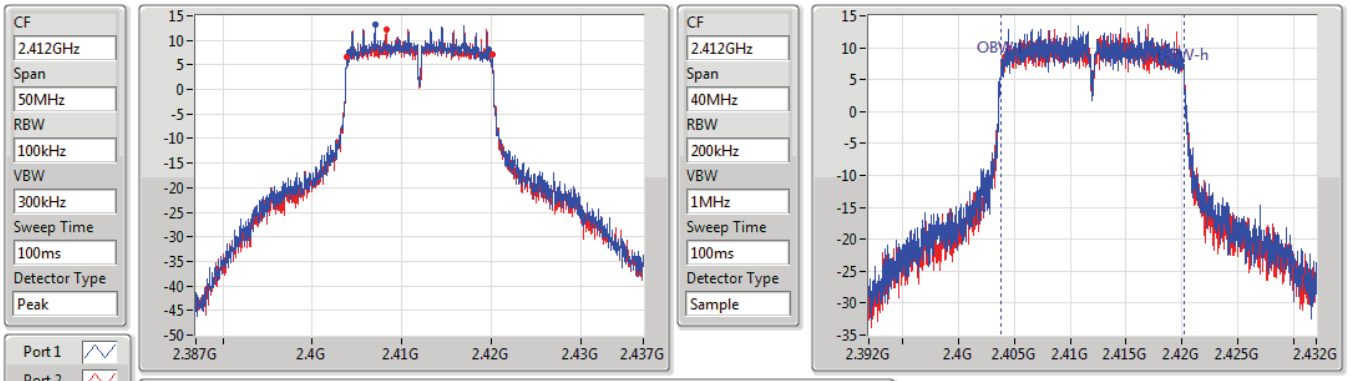


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.45845G	2.465525G	12.974M	2.455523G	2.468497G	500k	1
7.05M	2.45845G	2.4655G	12.994M	2.455463G	2.468457G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

02/04/2020

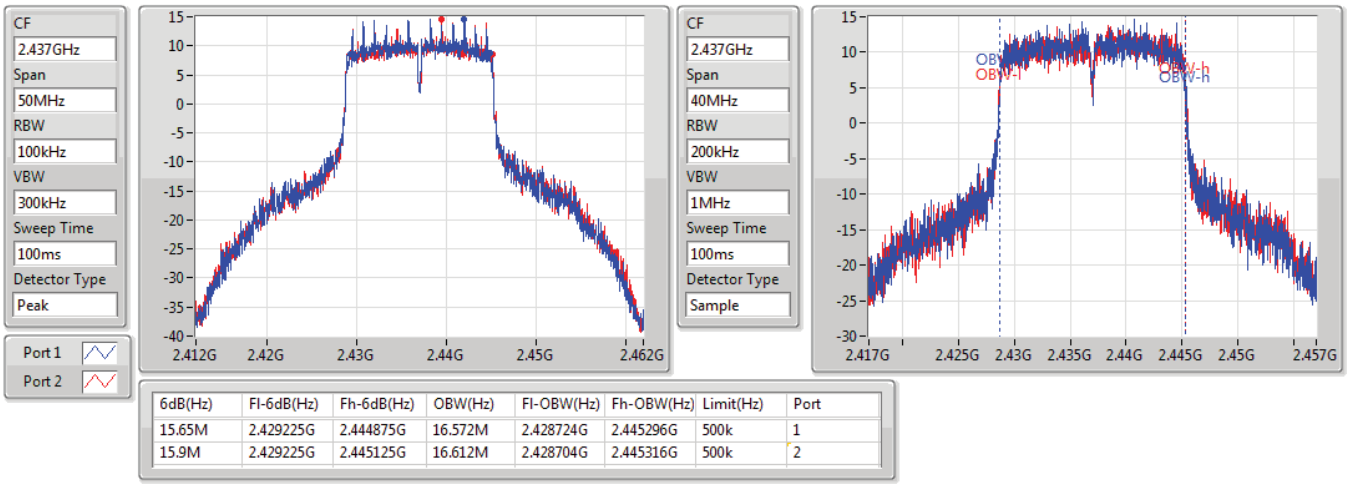


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.4041G	2.41975G	16.432M	2.403764G	2.420196G	500k	1
16.325M	2.403825G	2.42015G	16.432M	2.403764G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

02/04/2020

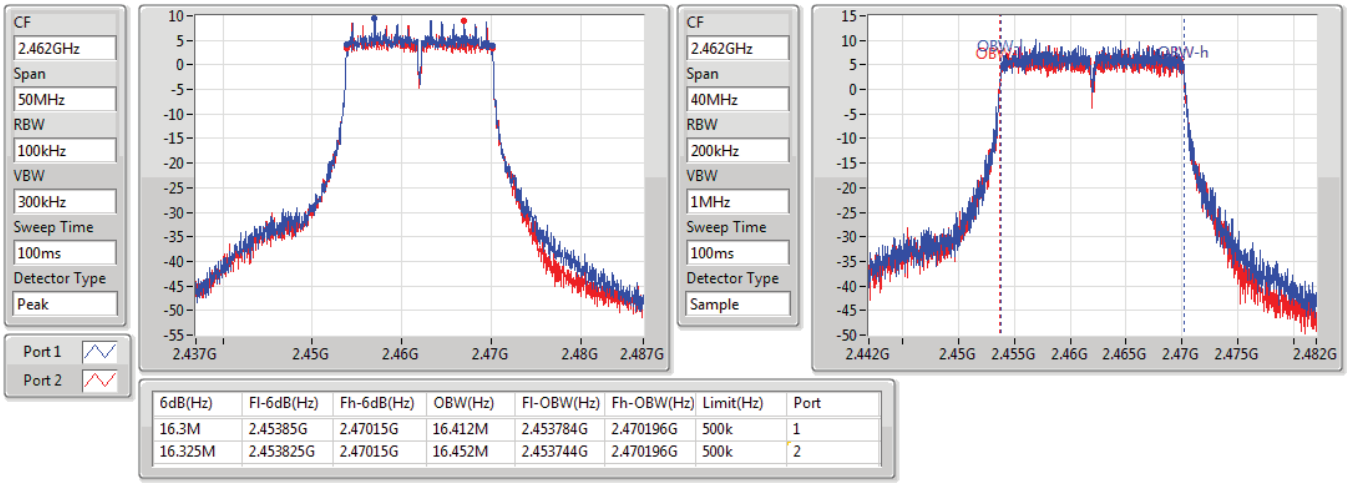


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.65M	2.429225G	2.444875G	16.572M	2.428724G	2.445296G	500k	1
15.9M	2.429225G	2.445125G	16.612M	2.428704G	2.445316G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

02/04/2020

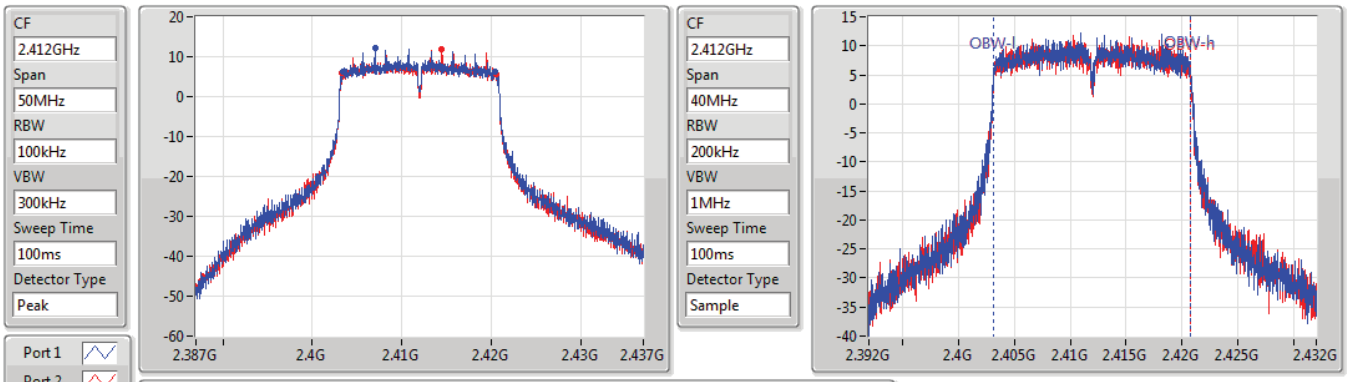


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.412M	2.453784G	2.470196G	500k	1
16.325M	2.453825G	2.47015G	16.452M	2.453744G	2.470196G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

02/04/2020

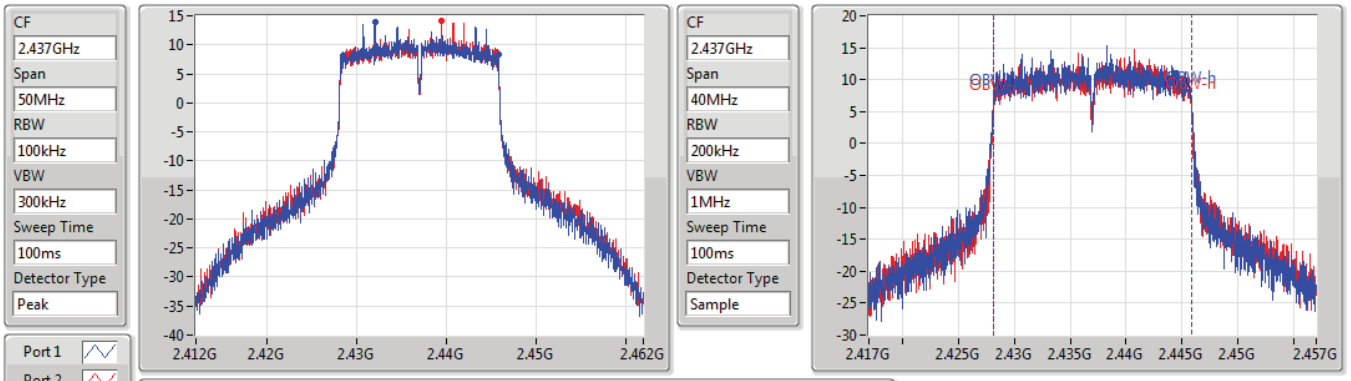


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.403475G	2.420375G	17.591M	2.403184G	2.420776G	500k	1
17.275M	2.40325G	2.420525G	17.571M	2.403184G	2.420756G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

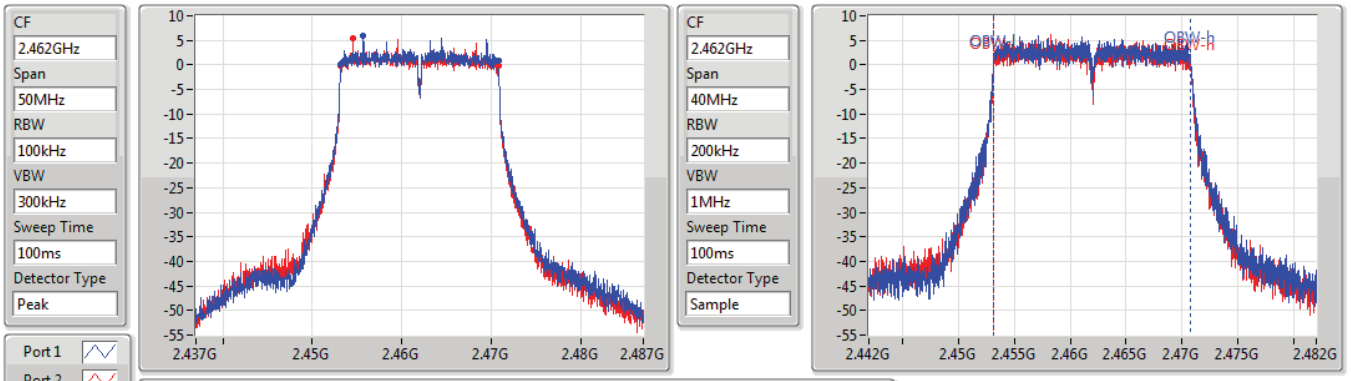


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.325M	2.42845G	2.445775G	17.691M	2.428144G	2.445836G	500k	1
16.675M	2.42885G	2.445525G	17.691M	2.428144G	2.445836G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

02/04/2020

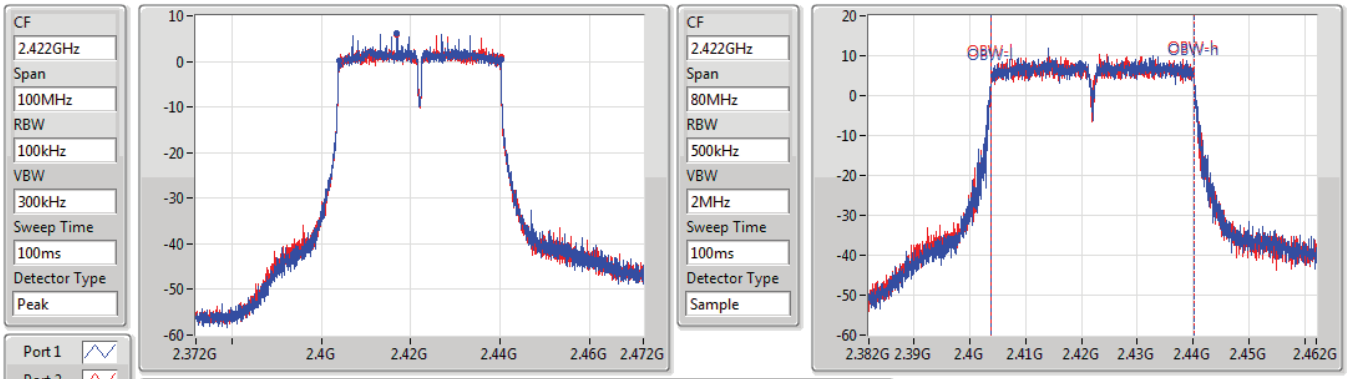


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.651M	2.453144G	2.470796G	500k	1
17.575M	2.4532G	2.470775G	17.631M	2.453164G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

02/04/2020

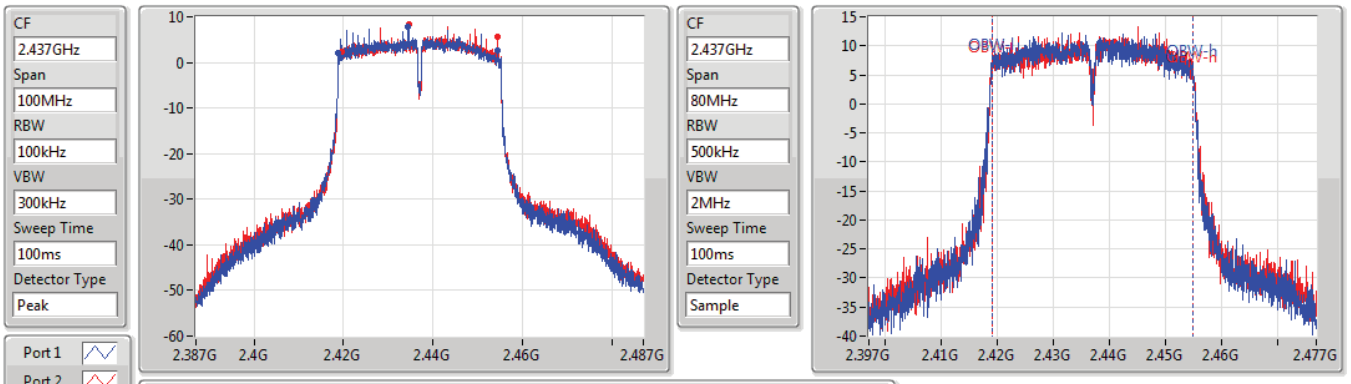


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4041G	2.44015G	36.182M	2.403929G	2.440111G	500k	1
35.9M	2.40425G	2.44015G	36.142M	2.403929G	2.440071G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

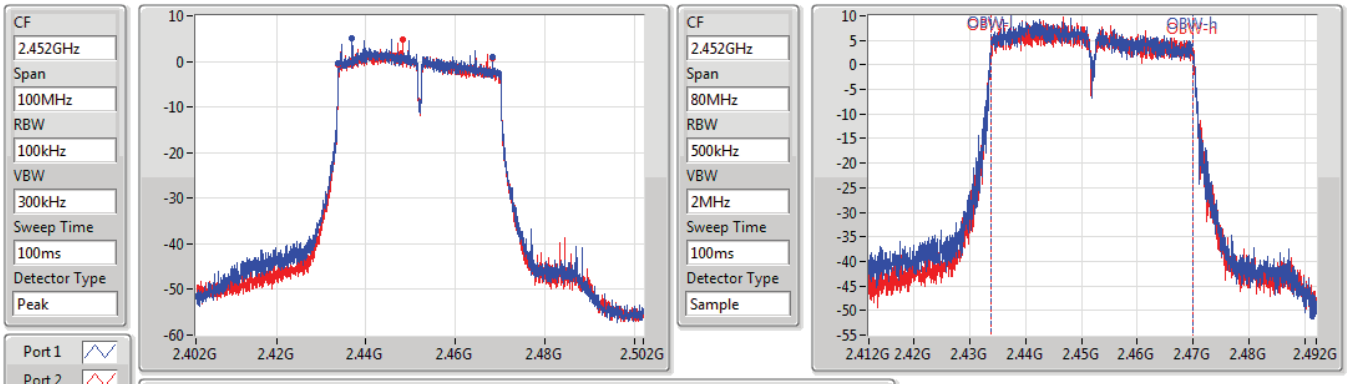


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.6M	2.41885G	2.45445G	35.942M	2.418969G	2.454911G	500k	1
35M	2.4195G	2.4545G	35.982M	2.418969G	2.454951G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

02/04/2020

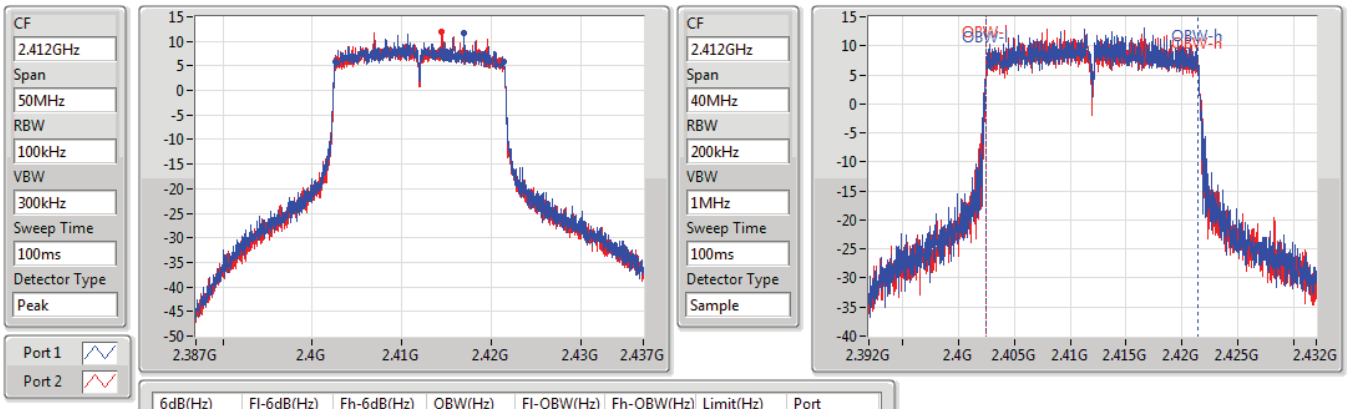


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.45M	2.43385G	2.4683G	36.102M	2.433849G	2.469951G	500k	1
34.45M	2.43385G	2.4683G	36.102M	2.433889G	2.469991G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

02/04/2020

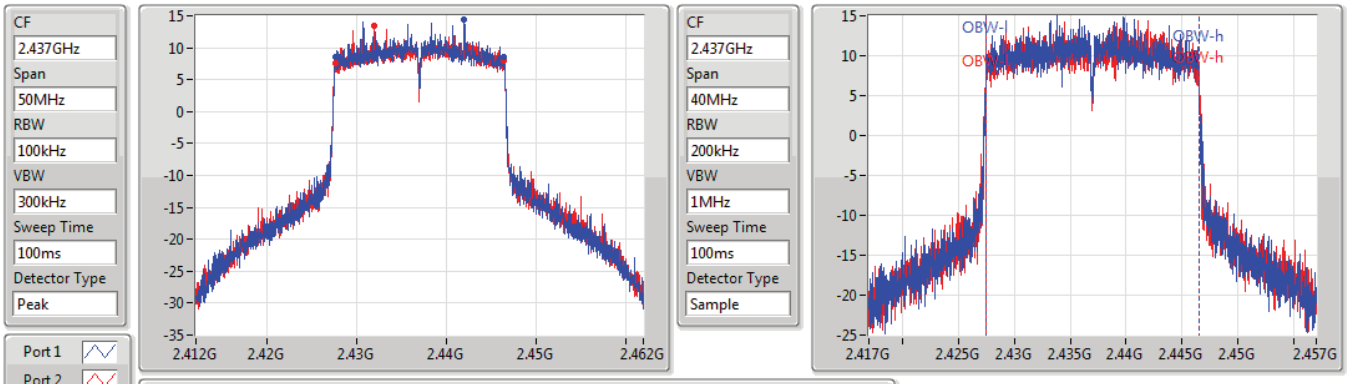


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.40255G	2.421425G	18.931M	2.402505G	2.421435G	500k	1
18.35M	2.4027G	2.42105G	18.911M	2.402525G	2.421435G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

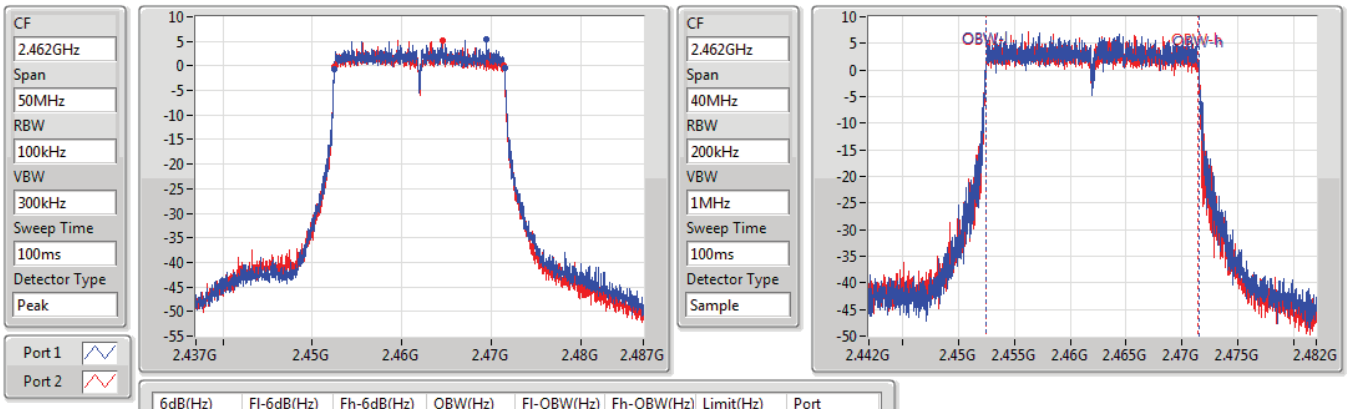


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.4276G	2.446425G	18.991M	2.427485G	2.446475G	500k	1
18.85M	2.427575G	2.446425G	18.991M	2.427505G	2.446495G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

02/04/2020

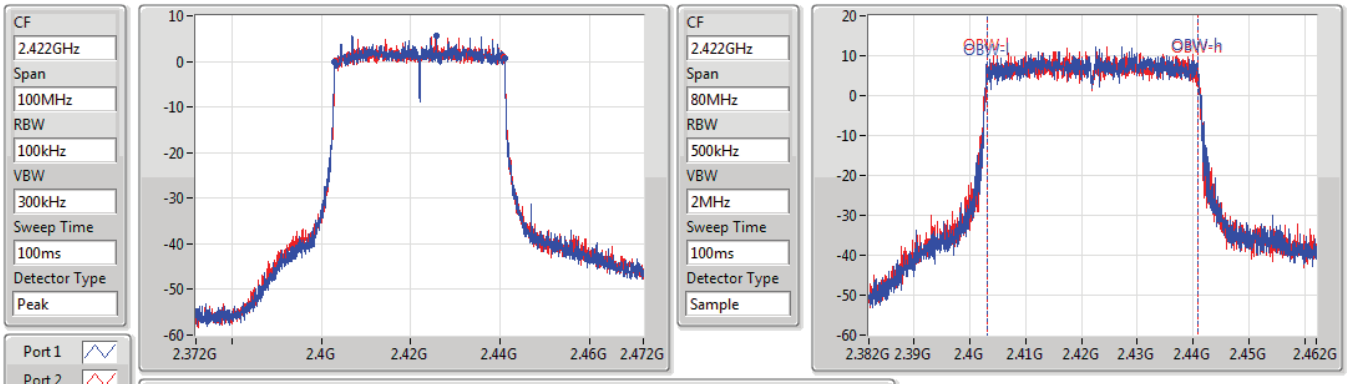


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	2.452475G	2.471525G	18.971M	2.452505G	2.471475G	500k	1
18.95M	2.4525G	2.47145G	18.931M	2.452505G	2.471435G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

02/04/2020

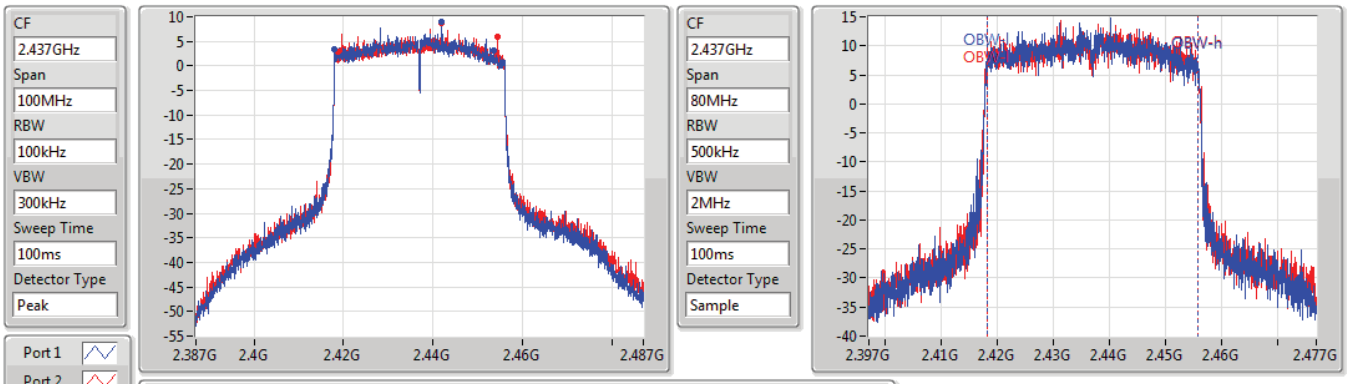


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	2.403G	2.44095G	37.821M	2.403089G	2.440911G	500k	1
37.75M	2.40315G	2.4409G	37.741M	2.403129G	2.440871G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

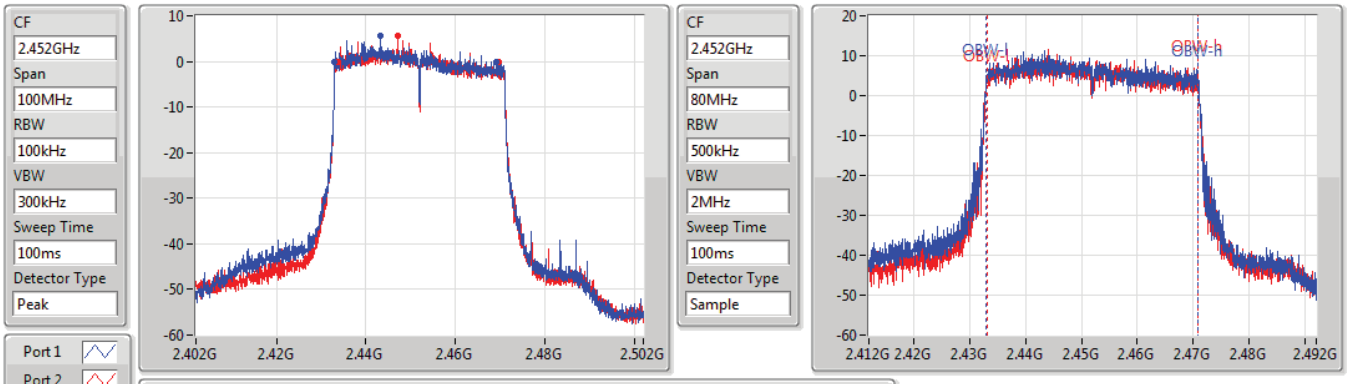


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	2.41805G	2.4537G	37.621M	2.418129G	2.455751G	500k	1
35.8M	2.4187G	2.4545G	37.621M	2.418129G	2.455751G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

02/04/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.2M	2.43305G	2.46925G	37.741M	2.433049G	2.470791G	500k	1
35.85M	2.43375G	2.4696G	37.701M	2.433089G	2.470791G	500k	2

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	10.05M	14.013M	14M0G1D	9.075M	13.913M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.652M	16M7D1D	15.875M	16.452M
VHT20_Nss1,(MCS0)_2TX	17.15M	17.791M	17M8D1D	16.25M	17.611M
VHT40_Nss1,(MCS0)_2TX	35.7M	36.142M	36M1D1D	35.15M	36.022M

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

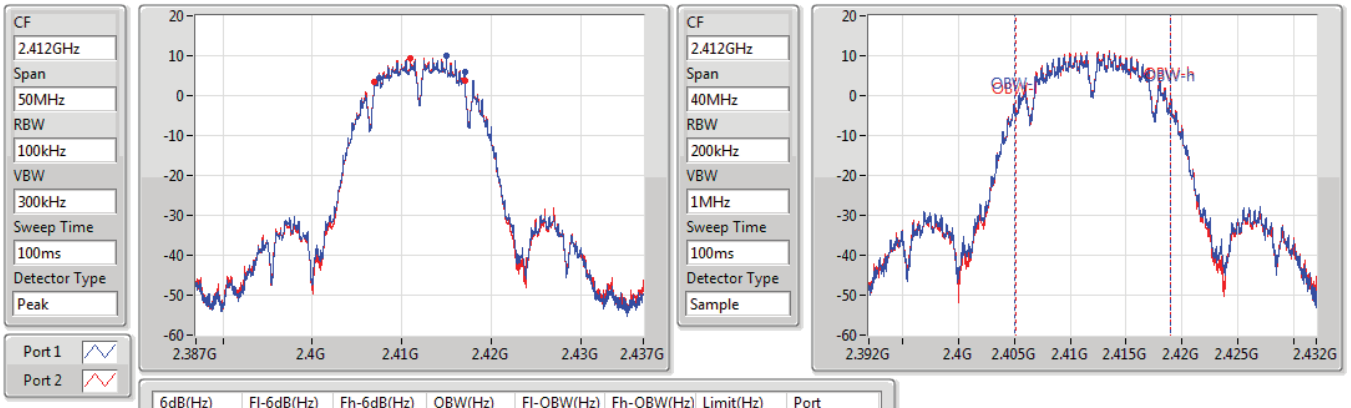
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	9.6M	13.973M	10.05M	13.913M
2437MHz_TnomVnom	Pass	500k	9.6M	14.013M	9.075M	14.013M
2462MHz_TnomVnom	Pass	500k	9.1M	13.913M	9.625M	13.913M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.025M	16.472M	16.3M	16.472M
2437MHz_TnomVnom	Pass	500k	15.875M	16.652M	15.875M	16.572M
2462MHz_TnomVnom	Pass	500k	16.275M	16.452M	16.275M	16.472M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.15M	17.671M	17.15M	17.611M
2437MHz_TnomVnom	Pass	500k	17.15M	17.791M	16.25M	17.751M
2462MHz_TnomVnom	Pass	500k	16.8M	17.651M	16.775M	17.631M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.15M	36.022M	35.7M	36.022M
2437MHz_TnomVnom	Pass	500k	35.15M	36.142M	35.65M	36.142M
2452MHz_TnomVnom	Pass	500k	35.15M	36.142M	35.7M	36.142M

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

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

02/04/2020

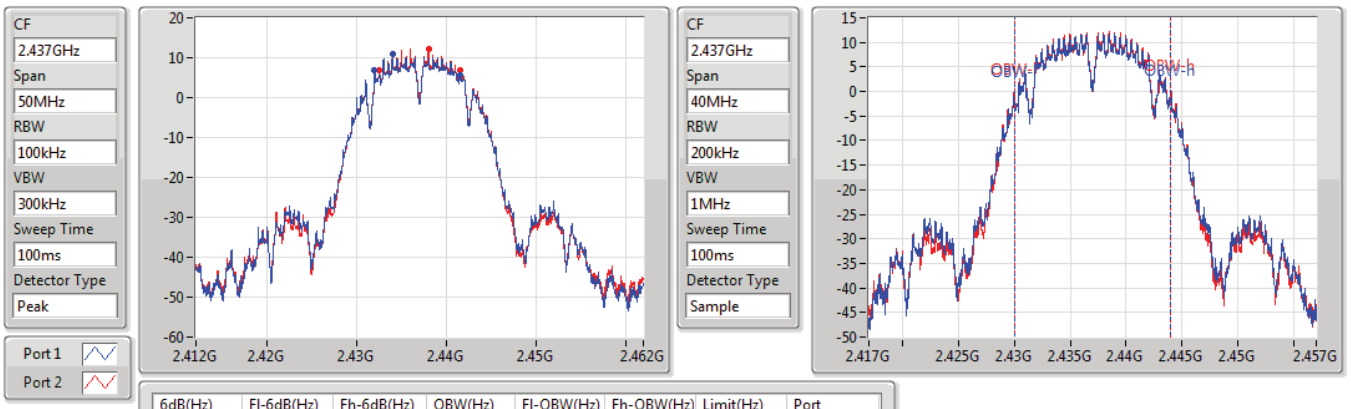


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.6M	2.407425G	2.417025G	13.973M	2.405043G	2.419016G	500k	1
10.05M	2.406975G	2.417025G	13.913M	2.405103G	2.419016G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

02/04/2020

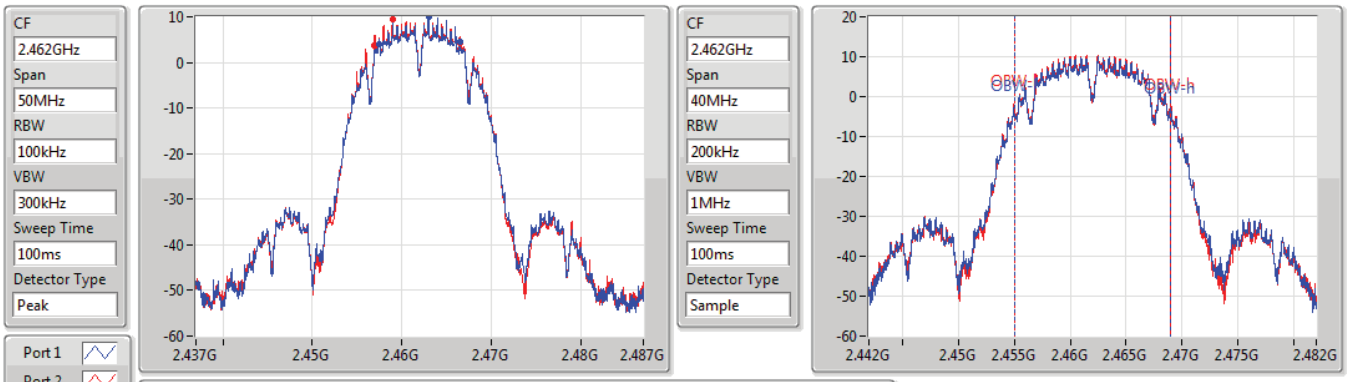


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.6M	2.43195G	2.44155G	14.013M	2.430003G	2.444016G	500k	1
9.075M	2.43245G	2.441525G	14.013M	2.430003G	2.444016G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

02/04/2020

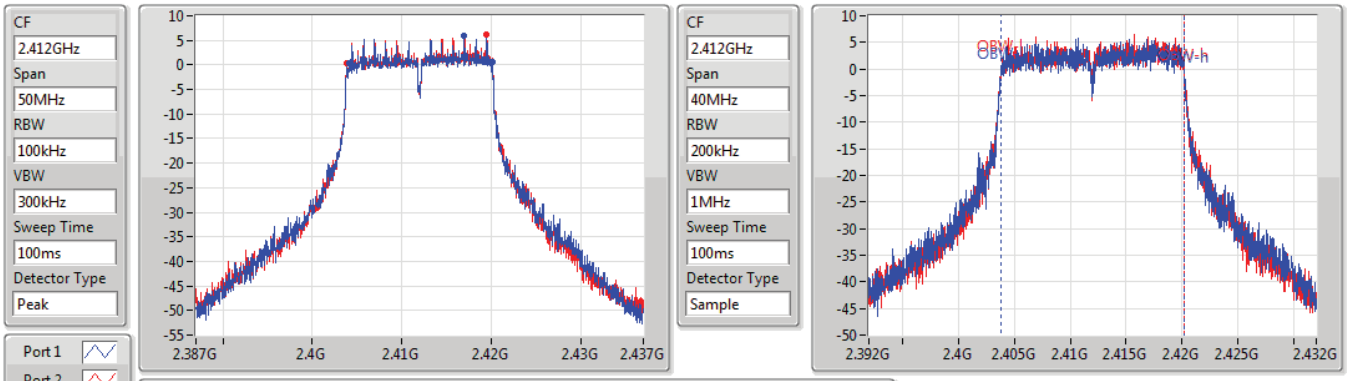


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.1M	2.457425G	2.466525G	13.913M	2.455043G	2.468957G	500k	1
9.625M	2.456925G	2.46655G	13.913M	2.455023G	2.468937G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

02/04/2020

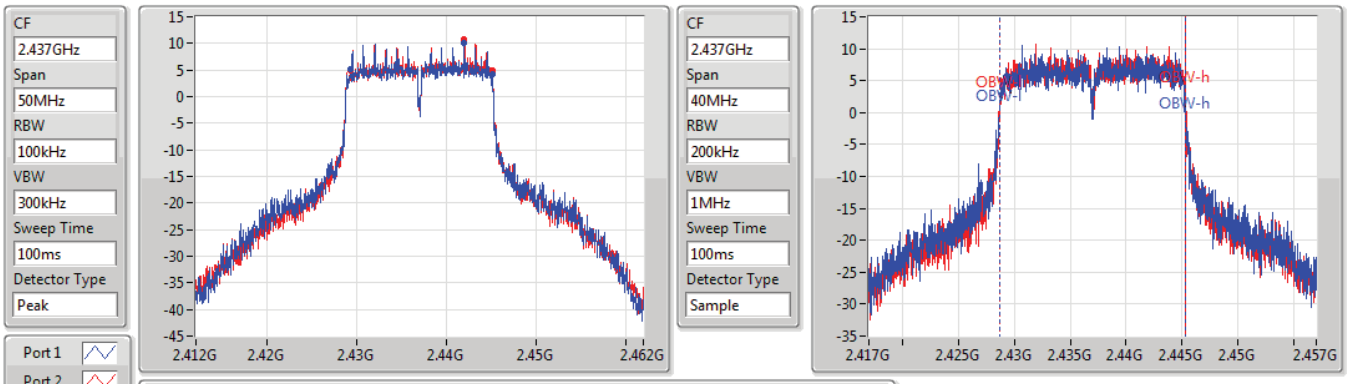


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	2.4041G	2.420125G	16.472M	2.403764G	2.420236G	500k	1
16.3M	2.40385G	2.42015G	16.472M	2.403764G	2.420236G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

02/04/2020

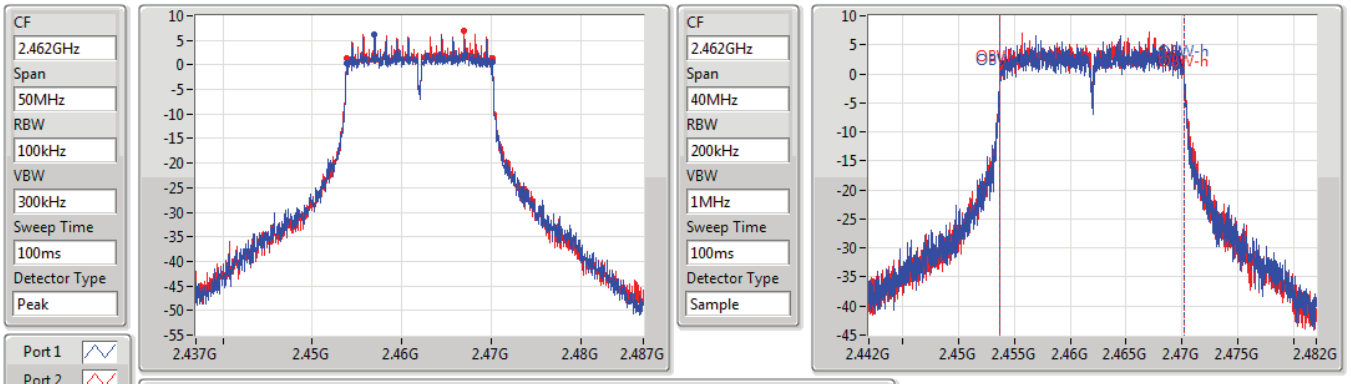


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.875M	2.42925G	2.445125G	16.652M	2.428664G	2.445316G	500k	1
15.875M	2.42925G	2.445125G	16.572M	2.428724G	2.445296G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

02/04/2020

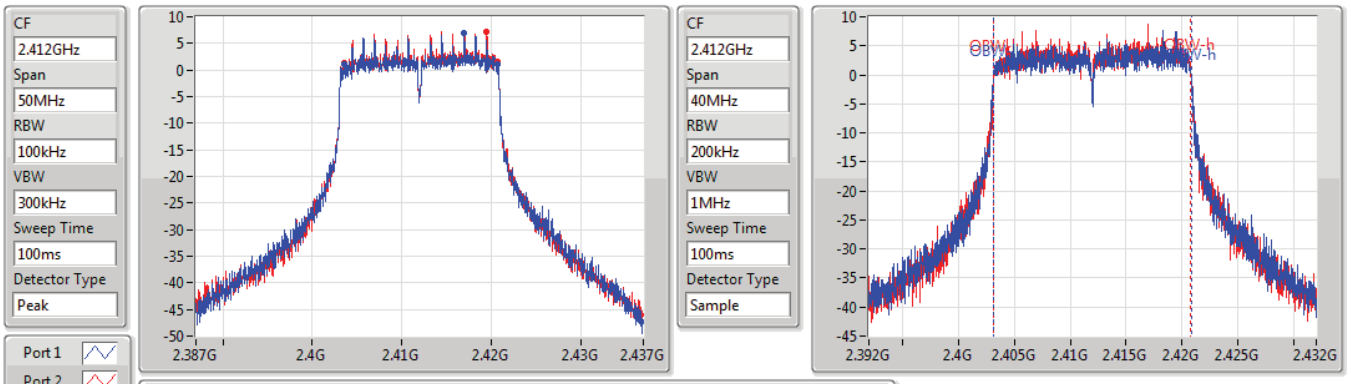


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.45385G	2.470125G	16.452M	2.453744G	2.470196G	500k	1
16.275M	2.45385G	2.470125G	16.472M	2.453744G	2.470216G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

02/04/2020

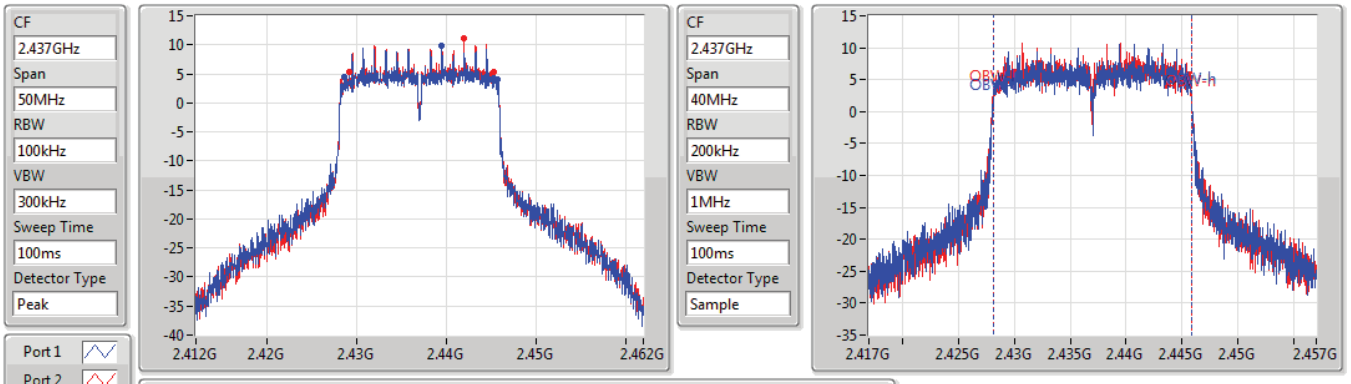


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.4036G	2.42075G	17.671M	2.403164G	2.420836G	500k	1
17.15M	2.4036G	2.42075G	17.611M	2.403184G	2.420796G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

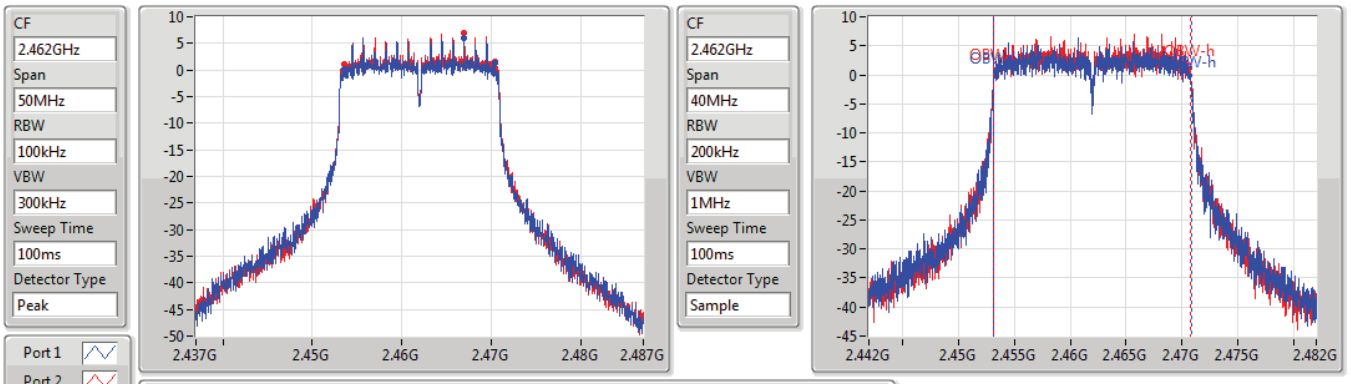


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.4286G	2.44575G	17.791M	2.428104G	2.445896G	500k	1
16.25M	2.4291G	2.44535G	17.751M	2.428124G	2.445876G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

02/04/2020

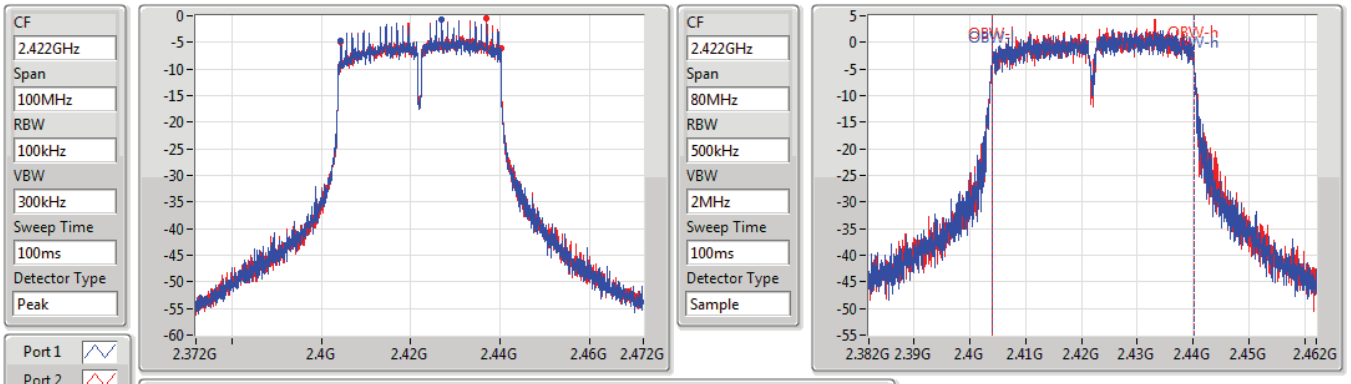


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.453575G	2.470375G	17.651M	2.453164G	2.470816G	500k	1
16.775M	2.4536G	2.470375G	17.631M	2.453164G	2.470796G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

02/04/2020

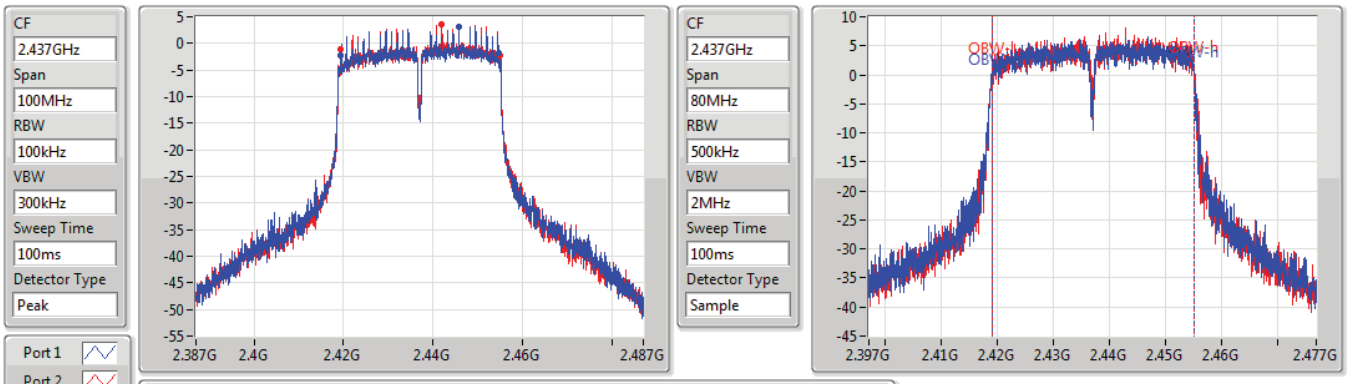


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.40445G	2.4396G	36.022M	2.404049G	2.440071G	500k	1
35.7M	2.40445G	2.44015G	36.022M	2.404049G	2.440071G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

02/04/2020

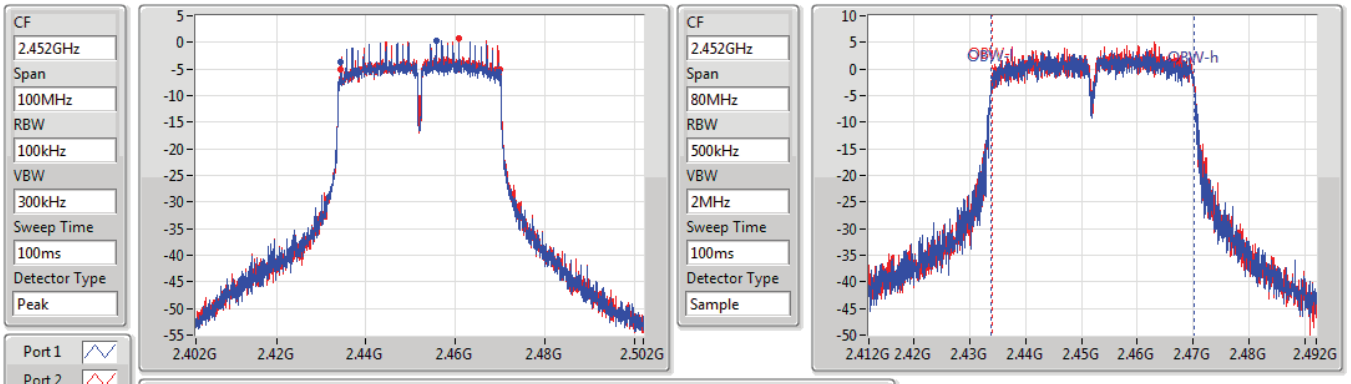


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.4194G	2.45455G	36.142M	2.418969G	2.455111G	500k	1
35.65M	2.41945G	2.4551G	36.142M	2.419009G	2.455151G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

02/04/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.15M	2.43445G	2.4696G	36.142M	2.433929G	2.470071G	500k	1
35.7M	2.4344G	2.4701G	36.142M	2.433969G	2.470111G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	21.33	0.13583
802.11g_Nss1,(6Mbps)_2TX	26.81	0.47973
VHT20_Nss1,(MCS0)_2TX	26.95	0.49545
VHT40_Nss1,(MCS0)_2TX	26.10	0.40738
802.11ax HEW20_Nss1,(MCS0)_2TX	27.11	0.51404
802.11ax HEW40_Nss1,(MCS0)_2TX	26.18	0.41495

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	18.18	18.46	21.33	30.00
2437MHz	Pass	5.23	18.14	18.46	21.31	30.00
2457MHz	Pass	5.23	17.70	17.85	20.79	30.00
2462MHz	Pass	5.23	16.68	16.90	19.80	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	23.21	23.29	26.26	30.00
2437MHz	Pass	5.23	23.69	23.90	26.81	30.00
2457MHz	Pass	5.23	21.17	21.32	24.26	30.00
2462MHz	Pass	5.23	20.97	21.10	24.05	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	23.53	23.57	26.56	30.00
2437MHz	Pass	5.23	23.78	24.09	26.95	30.00
2457MHz	Pass	5.23	21.39	21.86	24.64	30.00
2462MHz	Pass	5.23	21.30	21.53	24.43	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.23	22.12	22.53	25.34	30.00
2437MHz	Pass	5.23	22.93	23.24	26.10	30.00
2447MHz	Pass	5.23	21.75	22.10	24.94	30.00
2452MHz	Pass	5.23	20.81	21.12	23.98	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	23.74	23.88	26.82	30.00
2437MHz	Pass	5.23	23.96	24.24	27.11	30.00
2457MHz	Pass	5.23	21.70	22.10	24.91	30.00
2462MHz	Pass	5.23	21.60	21.83	24.73	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.23	22.21	22.63	25.44	30.00
2437MHz	Pass	5.23	23.02	23.31	26.18	30.00
2447MHz	Pass	5.23	21.88	22.27	25.09	30.00
2452MHz	Pass	5.23	20.87	21.23	24.06	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20,BF_Nss1,(MCS0)_2TX	24.63	0.29040
VHT40,BF_Nss1,(MCS0)_2TX	23.78	0.23878
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	24.79	0.30130
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	23.86	0.24322

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	21.21	21.25	24.24	28.45
2437MHz	Pass	7.55	21.46	21.77	24.63	28.45
2457MHz	Pass	7.55	19.07	19.54	22.32	28.45
2462MHz	Pass	7.55	18.98	19.21	22.11	28.45
VHT40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	19.80	20.21	23.02	28.45
2437MHz	Pass	7.55	20.61	20.92	23.78	28.45
2447MHz	Pass	7.55	19.43	19.78	22.62	28.45
2452MHz	Pass	7.55	18.49	18.80	21.66	28.45
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	21.42	21.56	24.50	28.45
2437MHz	Pass	7.55	21.64	21.92	24.79	28.45
2457MHz	Pass	7.55	19.38	19.78	22.59	28.45
2462MHz	Pass	7.55	19.28	19.51	22.41	28.45
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	19.89	20.31	23.12	28.45
2437MHz	Pass	7.55	20.70	20.99	23.86	28.45
2447MHz	Pass	7.55	19.56	19.95	22.77	28.45
2452MHz	Pass	7.55	18.55	18.91	21.74	28.45

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	18.96	0.07870
802.11g_Nss1,(6Mbps)_2TX	23.16	0.20701
VHT20_Nss1,(MCS0)_2TX	23.20	0.20893
VHT40_Nss1,(MCS0)_2TX	20.08	0.10186

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	15.76	14.46	18.17	30.00
2417MHz	Pass	4.44	15.64	14.51	18.12	30.00
2437MHz	Pass	4.44	16.62	15.16	18.96	30.00
2457MHz	Pass	4.44	16.59	15.13	18.93	30.00
2462MHz	Pass	4.44	15.91	14.51	18.28	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	17.93	16.60	20.33	30.00
2417MHz	Pass	4.44	19.41	18.09	21.81	30.00
2437MHz	Pass	4.44	20.84	19.32	23.16	30.00
2457MHz	Pass	4.44	18.68	17.24	21.03	30.00
2462MHz	Pass	4.44	17.35	15.91	19.70	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	17.84	16.66	20.30	30.00
2417MHz	Pass	4.44	19.34	17.99	21.73	30.00
2437MHz	Pass	4.44	20.89	19.35	23.20	30.00
2457MHz	Pass	4.44	19.06	17.66	21.43	30.00
2462MHz	Pass	4.44	17.20	15.80	19.57	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.44	14.00	12.55	16.35	30.00
2427MHz	Pass	4.44	14.95	13.50	17.30	30.00
2437MHz	Pass	4.44	17.73	16.28	20.08	30.00
2447MHz	Pass	4.44	14.90	13.36	17.21	30.00
2452MHz	Pass	4.44	11.71	10.49	14.15	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	28.53	0.71285
802.11g_Nss1,(6Mbps)_2TX	28.23	0.66527
VHT20_Nss1,(MCS0)_2TX	27.89	0.61518
VHT40_Nss1,(MCS0)_2TX	24.78	0.30061
802.11ax HEW20_Nss1,(MCS0)_2TX	28.24	0.66681
802.11ax HEW40_Nss1,(MCS0)_2TX	24.81	0.30269

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.40	25.15	25.16	28.17	30.00
2437MHz_TnomVnom	Pass	2.40	25.36	25.68	28.53	30.00
2462MHz_TnomVnom	Pass	2.40	25.48	25.40	28.45	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.40	22.47	22.66	25.58	30.00
2417MHz_TnomVnom	Pass	2.40	23.47	23.82	26.66	30.00
2437MHz_TnomVnom	Pass	2.40	25.05	25.38	28.23	30.00
2457MHz_TnomVnom	Pass	2.40	21.41	21.64	24.54	30.00
2462MHz_TnomVnom	Pass	2.40	21.34	21.36	24.36	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.40	21.44	21.56	24.51	30.00
2417MHz_TnomVnom	Pass	2.40	23.11	23.21	26.17	30.00
2437MHz_TnomVnom	Pass	2.40	24.84	24.91	27.89	30.00
2457MHz_TnomVnom	Pass	2.40	21.31	21.56	24.45	30.00
2462MHz_TnomVnom	Pass	2.40	21.20	21.06	24.14	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.40	19.85	20.29	23.09	30.00
2427MHz_TnomVnom	Pass	2.40	20.00	20.66	23.35	30.00
2437MHz_TnomVnom	Pass	2.40	21.64	21.90	24.78	30.00
2447MHz_TnomVnom	Pass	2.40	20.62	20.95	23.80	30.00
2452MHz_TnomVnom	Pass	2.40	20.68	20.63	23.67	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.40	21.70	21.79	24.76	30.00
2417MHz_TnomVnom	Pass	2.40	23.33	23.39	26.37	30.00
2437MHz_TnomVnom	Pass	2.40	25.11	25.34	28.24	30.00
2457MHz_TnomVnom	Pass	2.40	21.56	21.73	24.66	30.00
2462MHz_TnomVnom	Pass	2.40	21.49	21.36	24.44	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.40	20.15	20.56	23.37	30.00
2427MHz_TnomVnom	Pass	2.40	20.47	20.29	23.39	30.00
2437MHz_TnomVnom	Pass	2.40	21.80	21.80	24.81	30.00
2447MHz_TnomVnom	Pass	2.40	20.77	21.02	23.91	30.00
2452MHz_TnomVnom	Pass	2.40	20.70	20.95	23.84	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20,BF_Nss1,(MCS0)_2TX	24.96	0.31333
VHT40,BF_Nss1,(MCS0)_2TX	21.85	0.15311
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	25.31	0.33963
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	21.88	0.15417

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.33	18.51	18.63	21.58	30.00
2417MHz	Pass	5.33	20.18	20.28	23.24	30.00
2437MHz	Pass	5.33	21.91	21.98	24.96	30.00
2457MHz	Pass	5.33	18.38	18.63	21.52	30.00
2462MHz	Pass	5.33	18.27	18.13	21.21	30.00
VHT40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.33	16.92	17.36	20.16	30.00
2427MHz	Pass	5.33	17.07	17.73	20.42	30.00
2437MHz	Pass	5.33	18.71	18.97	21.85	30.00
2447MHz	Pass	5.33	17.69	18.02	20.87	30.00
2452MHz	Pass	5.33	17.75	17.7	20.74	30.00
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.33	18.77	18.86	21.83	30.00
2417MHz	Pass	5.33	20.4	20.46	23.44	30.00
2437MHz	Pass	5.33	22.18	22.41	25.31	30.00
2457MHz	Pass	5.33	18.63	18.8	21.73	30.00
2462MHz	Pass	5.33	18.56	18.43	21.51	30.00
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.33	17.22	17.63	20.44	30.00
2427MHz	Pass	5.33	17.54	17.36	20.46	30.00
2437MHz	Pass	5.33	18.87	18.87	21.88	30.00
2447MHz	Pass	5.33	17.84	18.09	20.98	30.00
2452MHz	Pass	5.33	17.77	18.02	20.91	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	17.65	0.05821
802.11g_Nss1,(6Mbps)_2TX	23.20	0.20893
VHT20_Nss1,(MCS0)_2TX	23.23	0.21038
VHT40_Nss1,(MCS0)_2TX	19.09	0.08110

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.37	14.38	14.31	17.36	30.00
2437MHz_TnomVnom	Pass	2.37	14.26	14.46	17.37	30.00
2462MHz_TnomVnom	Pass	2.37	14.39	14.87	17.65	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.37	16.08	15.98	19.04	30.00
2417MHz_TnomVnom	Pass	2.37	17.07	16.97	20.03	30.00
2437MHz_TnomVnom	Pass	2.37	20.21	20.16	23.20	30.00
2457MHz_TnomVnom	Pass	2.37	18.64	18.79	21.73	30.00
2462MHz_TnomVnom	Pass	2.37	17.35	17.14	20.26	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.37	15.11	15.04	18.09	30.00
2417MHz_TnomVnom	Pass	2.37	17.51	17.75	20.64	30.00
2437MHz_TnomVnom	Pass	2.37	20.14	20.29	23.23	30.00
2457MHz_TnomVnom	Pass	2.37	19.89	19.57	22.74	30.00
2462MHz_TnomVnom	Pass	2.37	16.66	16.92	19.80	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.37	11.21	11.41	14.32	30.00
2427MHz_TnomVnom	Pass	2.37	13.10	13.05	16.09	30.00
2437MHz_TnomVnom	Pass	2.37	16.15	16.01	19.09	30.00
2447MHz_TnomVnom	Pass	2.37	15.49	15.76	18.64	30.00
2452MHz_TnomVnom	Pass	2.37	12.30	12.51	15.42	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	21.33	0.13583
802.11g_Nss1,(6Mbps)_2TX	28.23	0.66527
VHT20_Nss1,(MCS0)_2TX	27.97	0.62661
VHT40_Nss1,(MCS0)_2TX	25.17	0.32885
802.11ax HEW20_Nss1,(MCS0)_2TX	28.29	0.67453
802.11ax HEW40_Nss1,(MCS0)_2TX	25.34	0.34198

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	18.29	18.34	21.33	30.00
2437MHz	Pass	5.23	14.97	14.83	17.91	30.00
2462MHz	Pass	5.23	16.37	16.88	19.64	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	22.18	22.39	25.30	30.00
2417MHz	Pass	5.23	23.31	23.59	26.46	30.00
2437MHz	Pass	5.23	25.14	25.29	28.23	30.00
2457MHz	Pass	5.23	22.91	23.14	26.04	30.00
2462MHz	Pass	5.23	21.36	21.84	24.62	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	21.66	21.61	24.65	30.00
2417MHz	Pass	5.23	22.69	22.95	25.83	30.00
2437MHz	Pass	5.23	24.92	25.00	27.97	30.00
2457MHz	Pass	5.23	21.75	22.15	24.96	30.00
2462MHz	Pass	5.23	19.72	20.16	22.96	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.23	20.30	20.91	23.63	30.00
2427MHz	Pass	5.23	20.53	20.96	23.76	30.00
2437MHz	Pass	5.23	22.04	22.28	25.17	30.00
2447MHz	Pass	5.23	21.19	21.40	24.31	30.00
2452MHz	Pass	5.23	21.16	21.30	24.24	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.23	21.86	21.90	24.89	30.00
2417MHz	Pass	5.23	22.97	23.09	26.04	30.00
2437MHz	Pass	5.23	25.25	25.31	28.29	30.00
2457MHz	Pass	5.23	21.88	22.39	25.15	30.00
2462MHz	Pass	5.23	19.95	20.56	23.28	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.23	20.48	21.12	23.82	30.00
2427MHz	Pass	5.23	20.69	21.19	23.96	30.00
2437MHz	Pass	5.23	22.22	22.44	25.34	30.00
2447MHz	Pass	5.23	21.23	21.51	24.38	30.00
2452MHz	Pass	5.23	21.28	21.49	24.40	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20,BF_Nss1,(MCS0)_2TX	25.65	0.36728
VHT40,BF_Nss1,(MCS0)_2TX	22.85	0.19275
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	25.97	0.39537
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	23.02	0.20045

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	19.34	19.29	22.33	28.45
2417MHz	Pass	7.55	20.37	20.63	23.51	28.45
2437MHz	Pass	7.55	22.60	22.68	25.65	28.45
2457MHz	Pass	7.55	19.43	19.83	22.64	28.45
2462MHz	Pass	7.55	17.40	17.84	20.64	28.45
VHT40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	17.98	18.59	21.31	28.45
2427MHz	Pass	7.55	18.21	18.64	21.44	28.45
2437MHz	Pass	7.55	19.72	19.96	22.85	28.45
2447MHz	Pass	7.55	18.87	19.08	21.99	28.45
2452MHz	Pass	7.55	18.84	18.98	21.92	28.45
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	19.54	19.58	22.57	28.45
2417MHz	Pass	7.55	20.65	20.77	23.72	28.45
2437MHz	Pass	7.55	22.93	22.99	25.97	28.45
2457MHz	Pass	7.55	19.56	20.07	22.83	28.45
2462MHz	Pass	7.55	17.63	18.24	20.96	28.45
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	18.16	18.80	21.50	28.45
2427MHz	Pass	7.55	18.37	18.87	21.64	28.45
2437MHz	Pass	7.55	19.90	20.12	23.02	28.45
2447MHz	Pass	7.55	18.91	19.19	22.06	28.45
2452MHz	Pass	7.55	18.96	19.17	22.08	28.45

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	22.02	0.15922
802.11g_Nss1,(6Mbps)_2TX	24.06	0.25468
VHT20_Nss1,(MCS0)_2TX	23.99	0.25061
VHT40_Nss1,(MCS0)_2TX	21.16	0.13062

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	17.90	18.14	21.03	30.00
2437MHz	Pass	4.44	18.92	19.10	22.02	30.00
2462MHz	Pass	4.44	17.82	17.79	20.82	30.00
2417MHz	Pass	4.44	18.48	18.82	21.66	30.00
2457MHz	Pass	4.44	18.29	18.47	21.39	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	17.46	17.54	20.51	30.00
2437MHz	Pass	4.44	21.11	20.99	24.06	30.00
2462MHz	Pass	4.44	18.17	18.29	21.24	30.00
2417MHz	Pass	4.44	18.63	18.55	21.60	30.00
2457MHz	Pass	4.44	19.22	19.24	22.24	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.44	16.30	16.53	19.43	30.00
2437MHz	Pass	4.44	21.01	20.94	23.99	30.00
2462MHz	Pass	4.44	17.05	17.15	20.11	30.00
2417MHz	Pass	4.44	18.50	18.54	21.53	30.00
2457MHz	Pass	4.44	20.15	20.16	23.17	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.44	13.74	14.00	16.88	30.00
2437MHz	Pass	4.44	18.12	18.17	21.16	30.00
2452MHz	Pass	4.44	13.38	13.38	16.39	30.00
2427MHz	Pass	4.44	14.27	14.40	17.35	30.00
2447MHz	Pass	4.44	17.82	17.91	20.88	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	24.33	0.27102
802.11g_Nss1,(6Mbps)_2TX	28.10	0.64565
VHT20_Nss1,(MCS0)_2TX	27.88	0.61376
VHT40_Nss1,(MCS0)_2TX	25.24	0.33420
802.11ax HEW20_Nss1,(MCS0)_2TX	28.01	0.63241
802.11ax HEW40_Nss1,(MCS0)_2TX	25.35	0.34277

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.00	21.48	21.16	24.33	30.00
2417MHz_TnomVnom	Pass	5.00	18.48	18.82	21.66	30.00
2437MHz_TnomVnom	Pass	5.00	20.60	20.64	23.63	30.00
2457MHz_TnomVnom	Pass	5.00	18.29	18.47	21.39	30.00
2462MHz_TnomVnom	Pass	5.00	20.84	20.46	23.66	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.00	24.04	23.80	26.93	30.00
2417MHz_TnomVnom	Pass	5.00	25.00	24.82	27.92	30.00
2437MHz_TnomVnom	Pass	5.00	25.12	25.06	28.10	30.00
2457MHz_TnomVnom	Pass	5.00	21.77	21.52	24.66	30.00
2462MHz_TnomVnom	Pass	5.00	20.64	20.28	23.47	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.00	23.00	22.90	25.96	30.00
2417MHz_TnomVnom	Pass	5.00	24.02	23.75	26.90	30.00
2437MHz_TnomVnom	Pass	5.00	24.90	24.84	27.88	30.00
2457MHz_TnomVnom	Pass	5.00	22.07	21.88	24.99	30.00
2462MHz_TnomVnom	Pass	5.00	17.53	17.21	20.38	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.00	20.36	20.15	23.27	30.00
2427MHz_TnomVnom	Pass	5.00	21.57	21.43	24.51	30.00
2437MHz_TnomVnom	Pass	5.00	22.19	22.27	25.24	30.00
2447MHz_TnomVnom	Pass	5.00	21.76	21.70	24.74	30.00
2452MHz_TnomVnom	Pass	5.00	18.86	18.72	21.80	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.00	23.29	23.02	26.17	30.00
2417MHz_TnomVnom	Pass	5.00	24.27	23.55	26.94	30.00
2437MHz_TnomVnom	Pass	5.00	25.06	24.93	28.01	30.00
2457MHz_TnomVnom	Pass	5.00	22.37	22.15	25.27	30.00
2462MHz_TnomVnom	Pass	5.00	17.86	17.52	20.70	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.00	20.39	20.29	23.35	30.00
2427MHz_TnomVnom	Pass	5.00	21.59	21.58	24.60	30.00
2437MHz_TnomVnom	Pass	5.00	22.31	22.36	25.35	30.00
2447MHz_TnomVnom	Pass	5.00	21.95	21.77	24.87	30.00
2452MHz_TnomVnom	Pass	5.00	19.01	18.87	21.95	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20,BF_Nss1,(MCS0)_2TX	24.92	0.31046
VHT40,BF_Nss1,(MCS0)_2TX	22.28	0.16904
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	25.05	0.31989
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	22.39	0.17338

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.96	20.04	19.94	23.00	28.04
2417MHz	Pass	7.96	21.06	20.79	23.94	28.04
2437MHz	Pass	7.96	21.94	21.88	24.92	28.04
2457MHz	Pass	7.96	19.11	18.92	22.03	28.04
2462MHz	Pass	7.96	14.57	14.25	17.42	28.04
VHT40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.96	17.40	17.19	20.31	28.04
2427MHz	Pass	7.96	18.61	18.47	21.55	28.04
2437MHz	Pass	7.96	19.23	19.31	22.28	28.04
2447MHz	Pass	7.96	18.80	18.74	21.78	28.04
2452MHz	Pass	7.96	15.90	15.76	18.84	28.04
802.11ax HEW20,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.96	20.33	20.06	23.21	28.04
2417MHz	Pass	7.96	21.31	20.59	23.98	28.04
2437MHz	Pass	7.96	22.10	21.97	25.05	28.04
2457MHz	Pass	7.96	19.41	19.19	22.31	28.04
2462MHz	Pass	7.96	14.90	14.56	17.74	28.04
802.11ax HEW40,BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.96	17.43	17.33	20.39	28.04
2427MHz	Pass	7.96	18.63	18.62	21.64	28.04
2437MHz	Pass	7.96	19.35	19.40	22.39	28.04
2447MHz	Pass	7.96	18.99	18.81	21.91	28.04
2452MHz	Pass	7.96	16.05	15.91	18.99	28.04

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	24.26	0.26669
802.11g_Nss1,(6Mbps)_2TX	23.87	0.24378
VHT20_Nss1,(MCS0)_2TX	23.81	0.24044
VHT40_Nss1,(MCS0)_2TX	20.24	0.10568

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.89	19.87	20.33	23.12	30.00
2417MHz_TnomVnom	Pass	4.89	20.87	21.16	24.03	30.00
2437MHz_TnomVnom	Pass	4.89	21.11	21.38	24.26	30.00
2457MHz_TnomVnom	Pass	4.89	19.79	20.25	23.04	30.00
2462MHz_TnomVnom	Pass	4.89	19.10	19.63	22.38	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.89	16.79	17.06	19.94	30.00
2417MHz_TnomVnom	Pass	4.89	17.84	18.08	20.97	30.00
2437MHz_TnomVnom	Pass	4.89	20.64	21.06	23.87	30.00
2457MHz_TnomVnom	Pass	4.89	18.54	19.06	21.82	30.00
2462MHz_TnomVnom	Pass	4.89	17.11	17.66	20.40	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.89	17.69	18.21	20.97	30.00
2417MHz_TnomVnom	Pass	4.89	17.67	18.11	20.91	30.00
2437MHz_TnomVnom	Pass	4.89	20.58	21.01	23.81	30.00
2457MHz_TnomVnom	Pass	4.89	17.98	18.53	21.27	30.00
2462MHz_TnomVnom	Pass	4.89	16.93	17.59	20.28	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.89	12.94	13.06	16.01	30.00
2427MHz_TnomVnom	Pass	4.89	15.31	15.52	18.43	30.00
2437MHz_TnomVnom	Pass	4.89	17.02	17.32	20.18	30.00
2447MHz_TnomVnom	Pass	4.89	17.08	17.38	20.24	30.00
2452MHz_TnomVnom	Pass	4.89	14.16	14.60	17.40	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.75
802.11g_Nss1,(6Mbps)_2TX	-1.54
VHT20_Nss1,(MCS0)_2TX	-0.84
VHT40_Nss1,(MCS0)_2TX	-3.36
802.11ax HEW20_Nss1,(MCS0)_2TX	0.54
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.50

RBW=3 kHz.

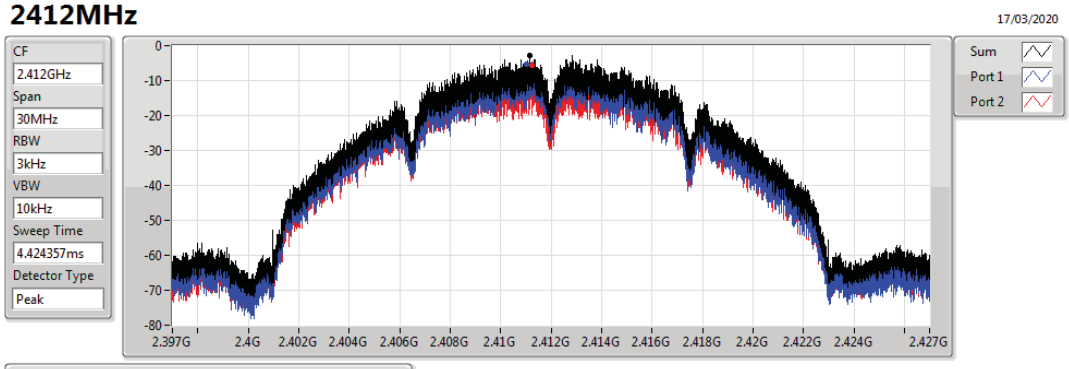
Result

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	7.55	-5.34	-5.60	-2.75	6.45
2437MHz	Pass	7.55	-5.21	-5.35	-2.83	6.45
2462MHz	Pass	7.55	-6.42	-7.16	-4.13	6.45
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-2.65	-2.67	-1.54	6.45
2437MHz	Pass	7.55	-2.50	-4.26	-1.59	6.45
2462MHz	Pass	7.55	-5.98	-6.26	-4.88	6.45
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-3.02	-2.50	-0.92	6.45
2437MHz	Pass	7.55	-2.09	-2.87	-0.84	6.45
2462MHz	Pass	7.55	-4.41	-4.59	-2.94	6.45
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	-6.61	-6.22	-3.91	6.45
2437MHz	Pass	7.55	-6.29	-4.73	-3.36	6.45
2452MHz	Pass	7.55	-7.65	-7.68	-6.03	6.45
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-3.21	-3.19	-1.63	6.45
2437MHz	Pass	7.55	-2.56	-1.82	0.54	6.45
2462MHz	Pass	7.55	-6.13	-5.50	-3.80	6.45
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	-7.23	-5.78	-4.62	6.45
2437MHz	Pass	7.55	-5.24	-5.41	-4.50	6.45
2452MHz	Pass	7.55	-6.73	-7.39	-5.58	6.45

DG = Directional Gain; RBW=3 kHz;
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**

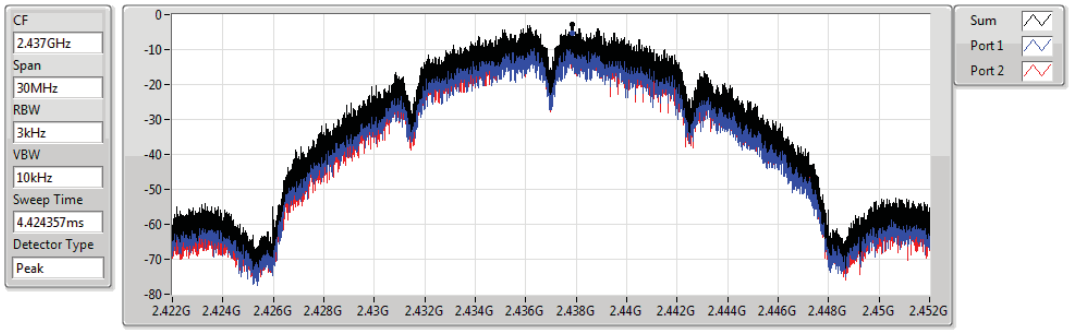
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.75	-2.75	-5.34	-5.60

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

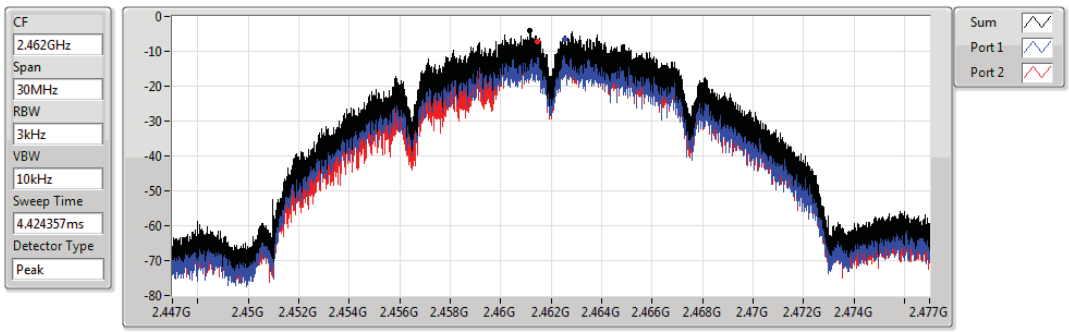
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.83	-2.83	-5.21	-5.35

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

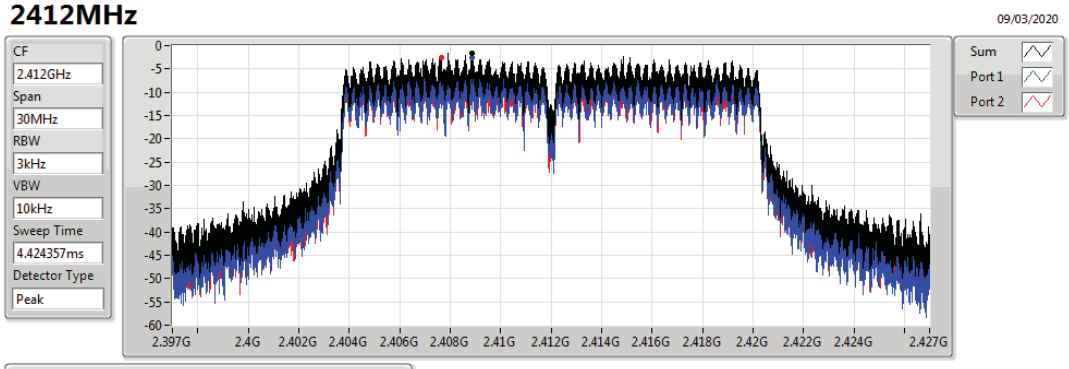
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-6.42	-7.16

802.11g_Nss1,(6Mbps)_2TX PSD

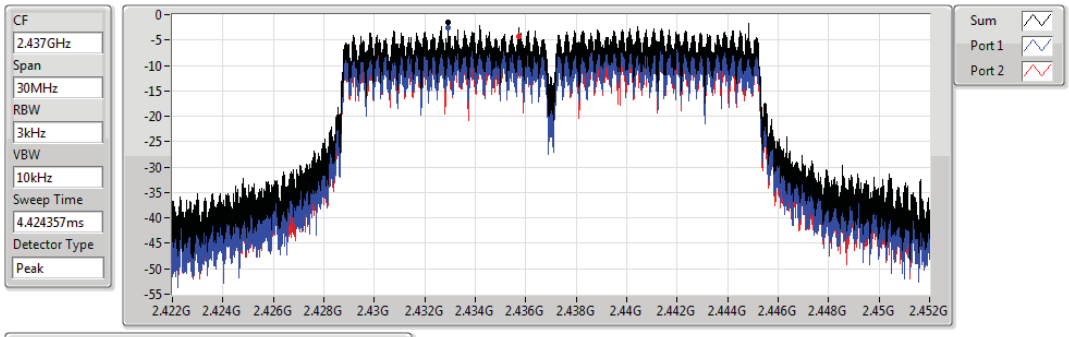
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.54	-1.54	-2.65	-2.67

802.11g_Nss1,(6Mbps)_2TX PSD

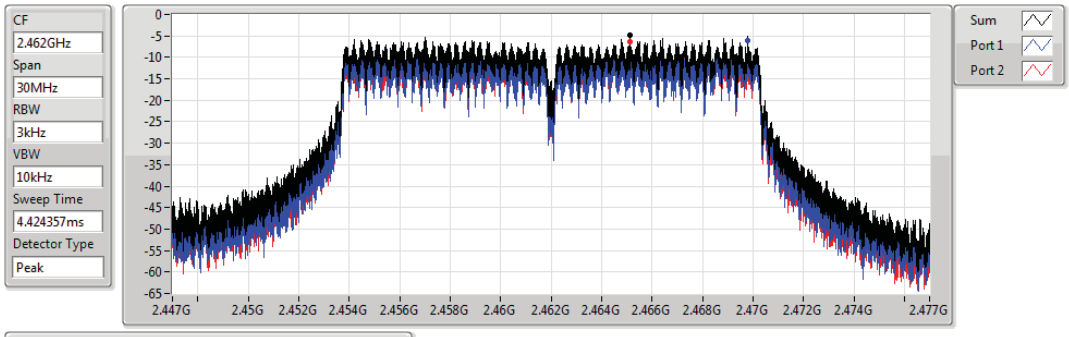
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.59	-1.59	-2.50	-4.26

802.11g_Nss1,(6Mbps)_2TX PSD

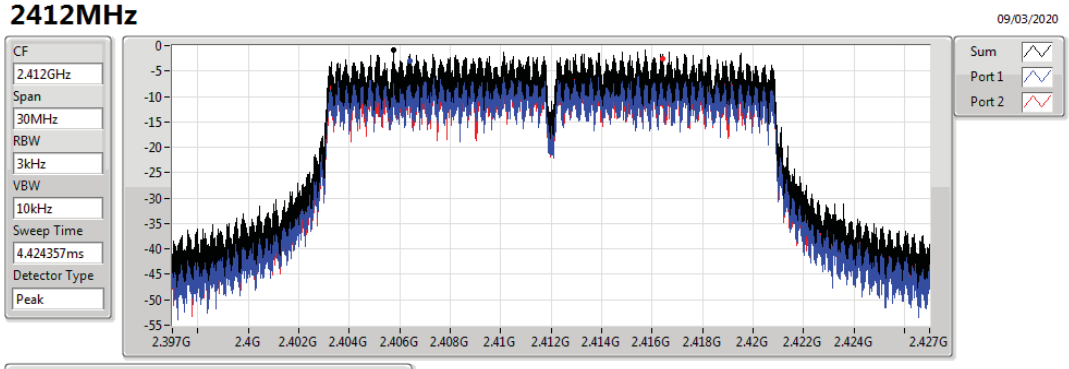
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.88	-4.88	-5.98	-6.26

VHT20_Nss1,(MCS0)_2TX **PSD**

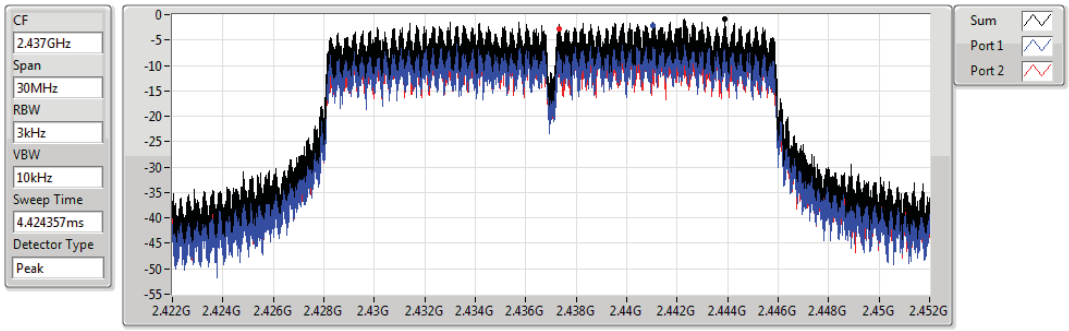
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.92	-0.92	-3.02	-2.50

VHT20_Nss1,(MCS0)_2TX **PSD**

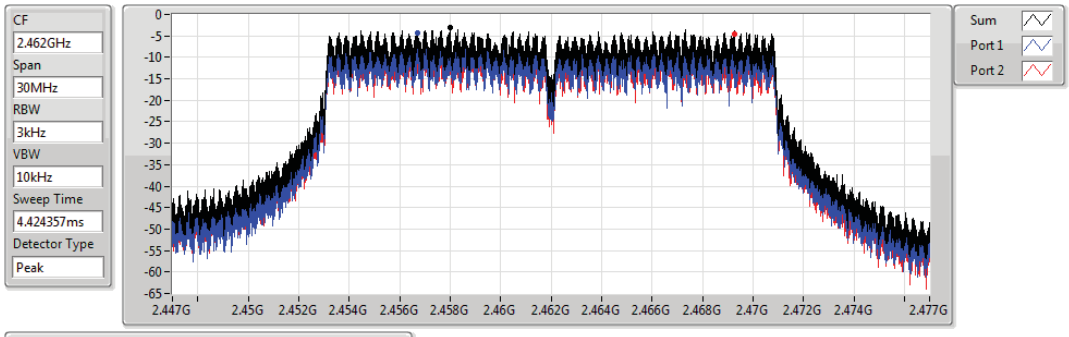
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.84	-0.84	-2.09	-2.87

VHT20_Nss1,(MCS0)_2TX **PSD**

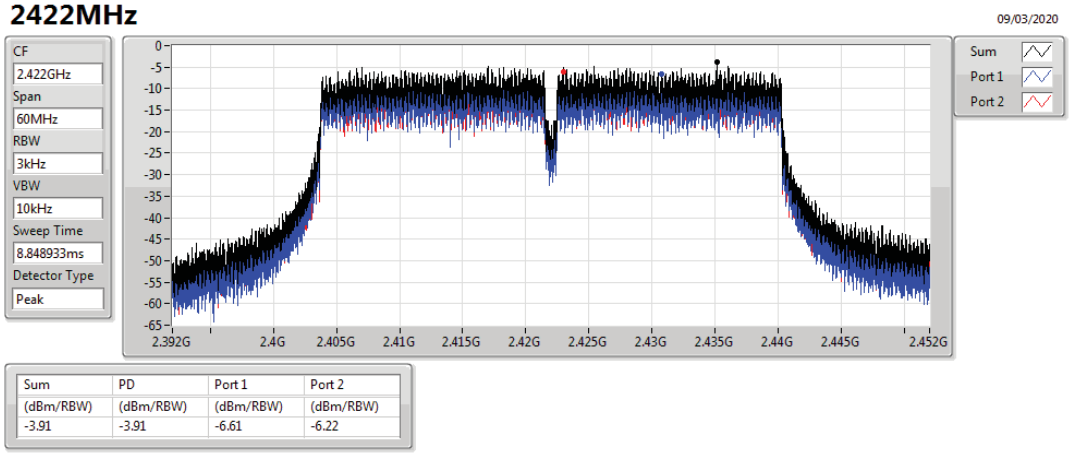
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.94	-2.94	-4.41	-4.59

VHT40_Nss1,(MCS0)_2TX **PSD**

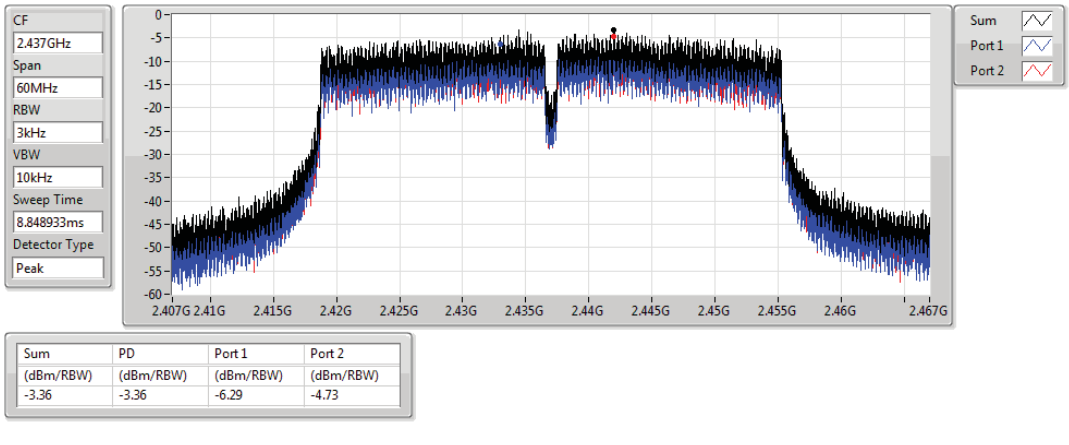
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.91	-3.91	-6.61	-6.22

VHT40_Nss1,(MCS0)_2TX **PSD**

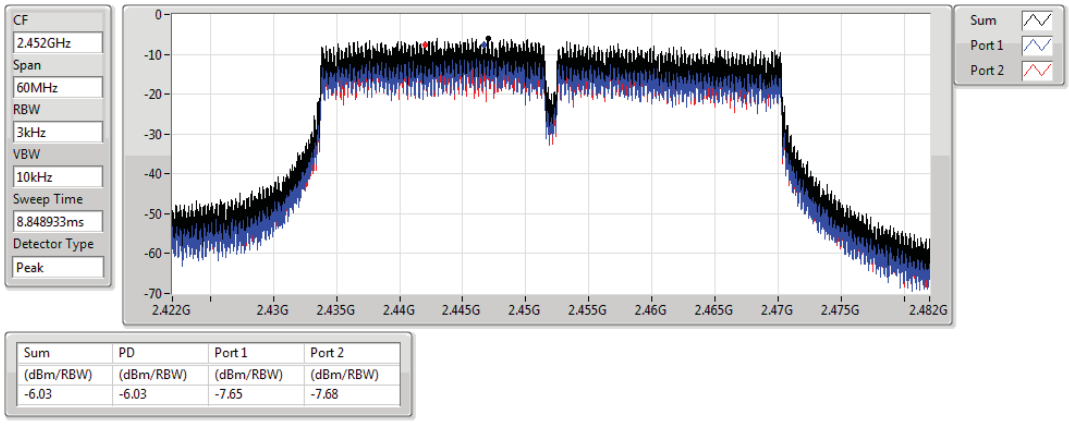
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.36	-3.36	-6.29	-4.73

VHT40_Nss1,(MCS0)_2TX **PSD**

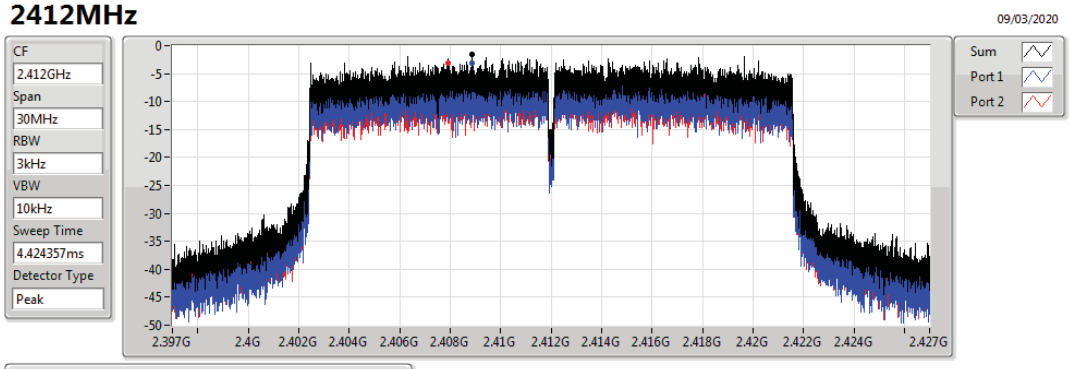
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.03	-6.03	-7.65	-7.68

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

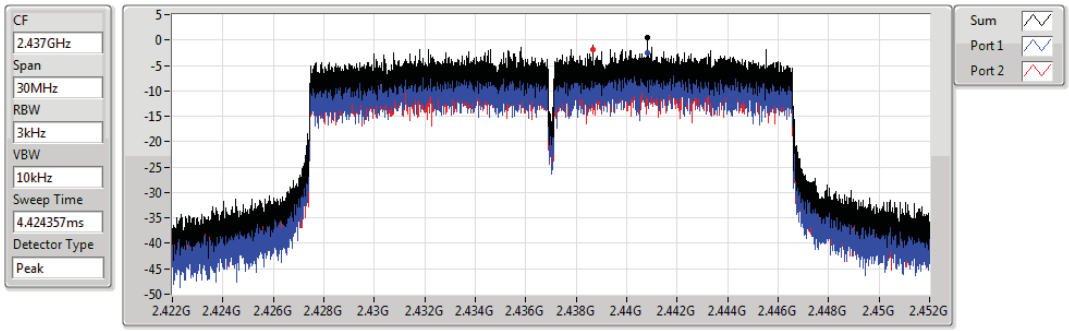
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.63	-1.63	-3.21	-3.19

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

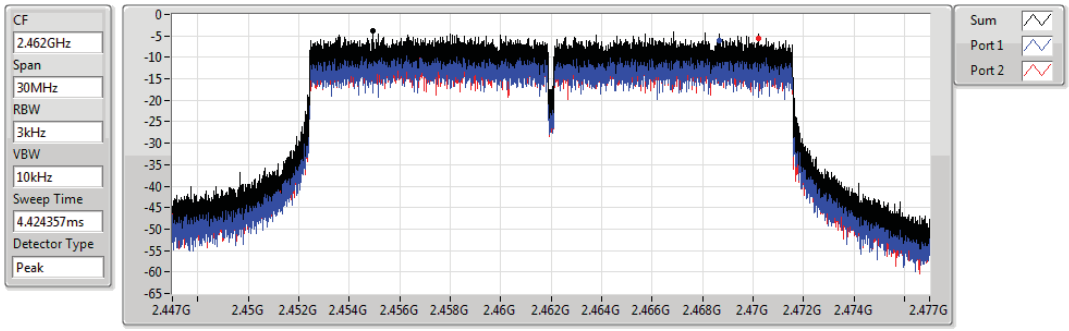
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.54	0.54	-2.56	-1.82

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

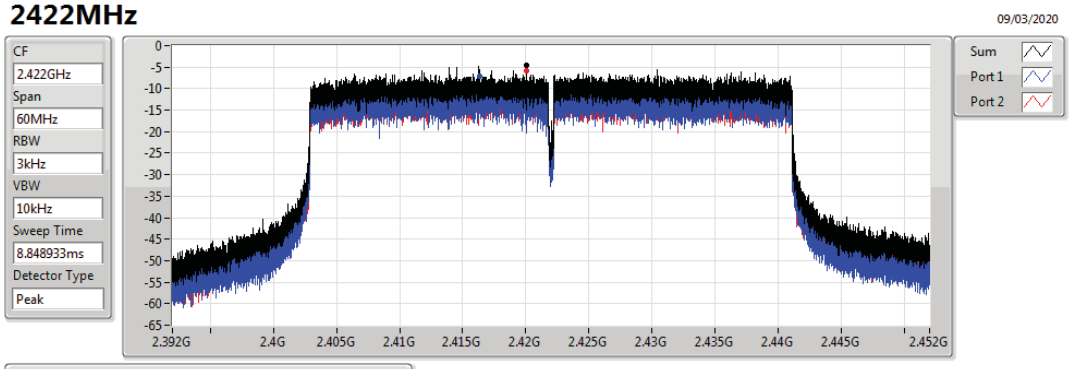
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.80	-3.80	-6.13	-5.50

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

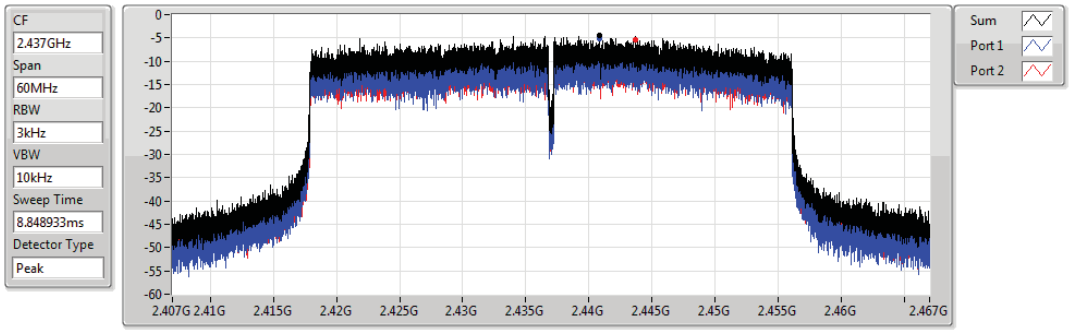
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.62	-4.62	-7.23	-5.78

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

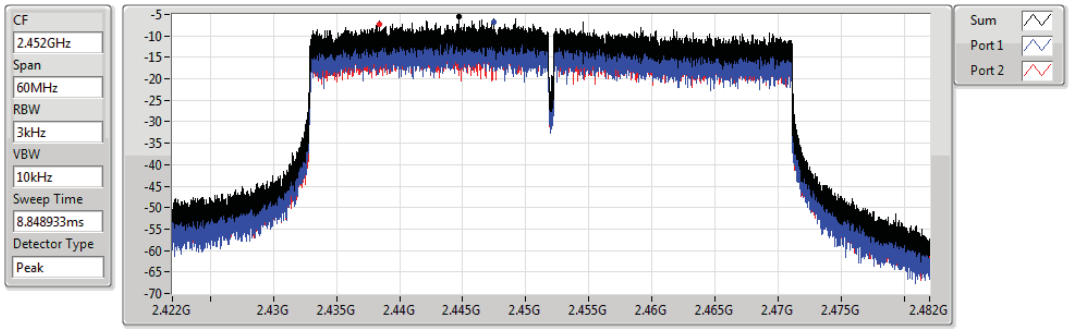
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.50	-4.50	-5.24	-5.41

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.58	-5.58	-6.73	-7.39

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-11.89
802.11g_Nss1,(6Mbps)_2TX	-6.46
VHT20_Nss1,(MCS0)_2TX	-6.74
VHT40_Nss1,(MCS0)_2TX	-11.95

RBW=3 kHz

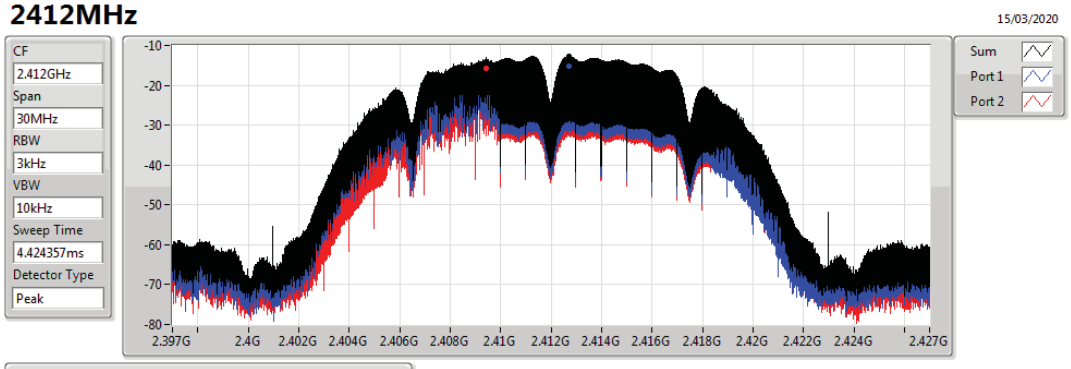
Result

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	7.44	-15.12	-15.79	-12.75	6.56
2437MHz	Pass	7.44	-13.39	-12.91	-11.90	6.56
2462MHz	Pass	7.44	-14.98	-13.49	-11.89	6.56
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.44	-10.41	-12.91	-9.52	6.56
2437MHz	Pass	7.44	-7.91	-10.52	-6.46	6.56
2462MHz	Pass	7.44	-13.15	-11.66	-10.70	6.56
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.44	-12.16	-12.98	-10.39	6.56
2437MHz	Pass	7.44	-8.89	-8.88	-6.74	6.56
2462MHz	Pass	7.44	-10.48	-14.09	-10.06	6.56
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.44	-17.58	-18.61	-15.71	6.56
2437MHz	Pass	7.44	-13.29	-14.89	-11.95	6.56
2452MHz	Pass	7.44	-19.54	-19.70	-17.83	6.56

DG = Directional Gain; RBW=3 kHz;
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

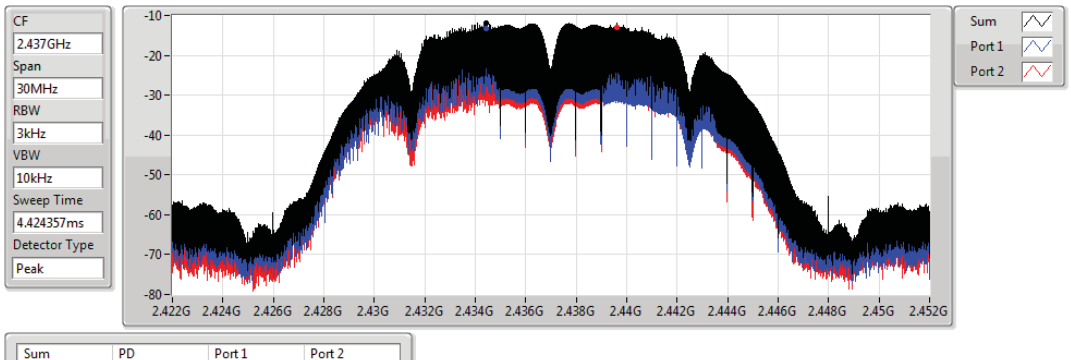
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.75	-12.75	-15.12	-15.79

802.11b_Nss1,(1Mbps)_2TX PSD

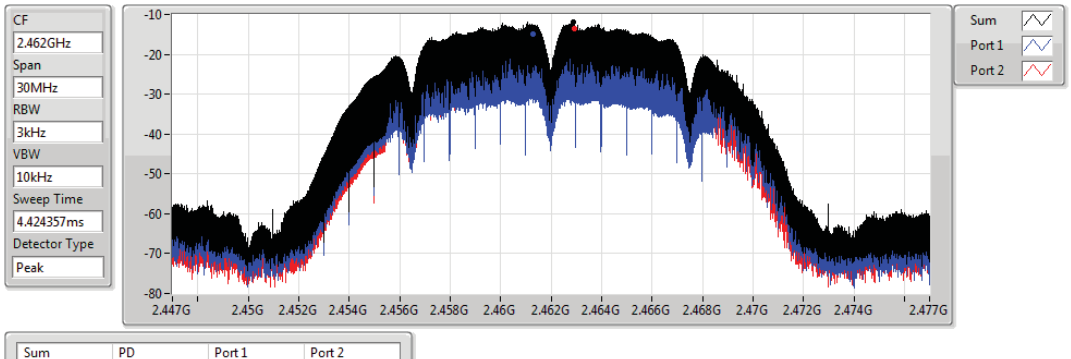
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.90	-11.90	-13.39	-12.91

802.11b_Nss1,(1Mbps)_2TX PSD

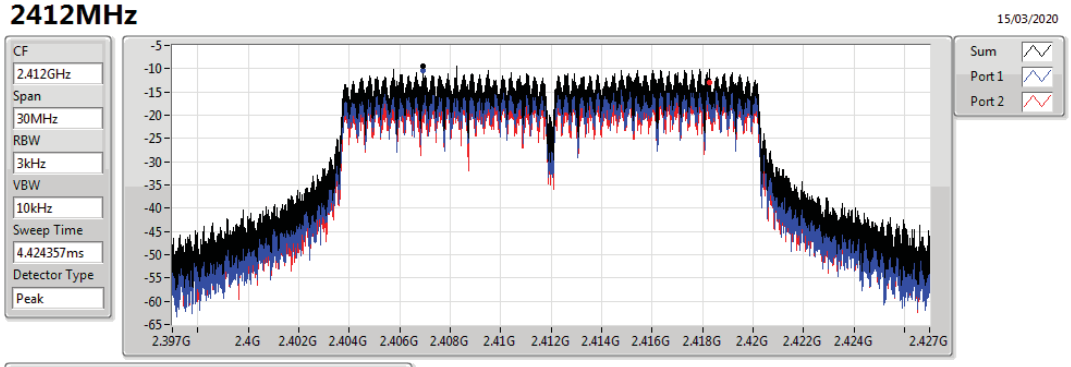
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.89	-11.89	-14.98	-13.49

802.11g_Nss1,(6Mbps)_2TX PSD

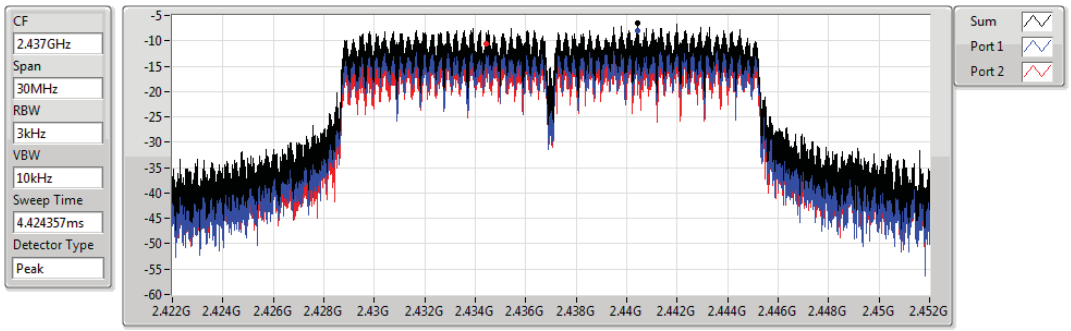
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.52	-9.52	-10.41	-12.91

802.11g_Nss1,(6Mbps)_2TX PSD

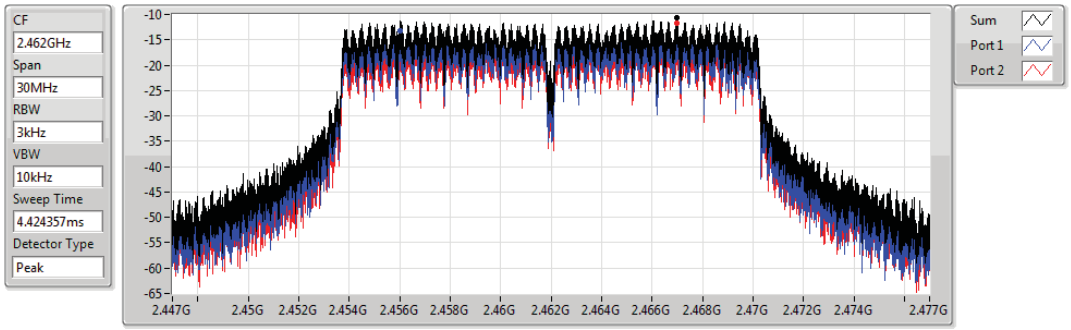
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.46	-6.46	-7.91	-10.52

802.11g_Nss1,(6Mbps)_2TX PSD

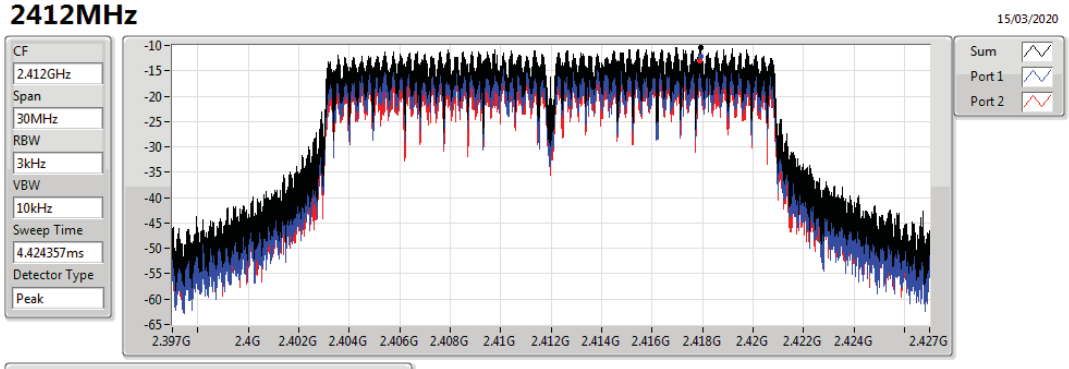
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.70	-10.70	-13.15	-11.66

VHT20_Nss1,(MCS0)_2TX **PSD**

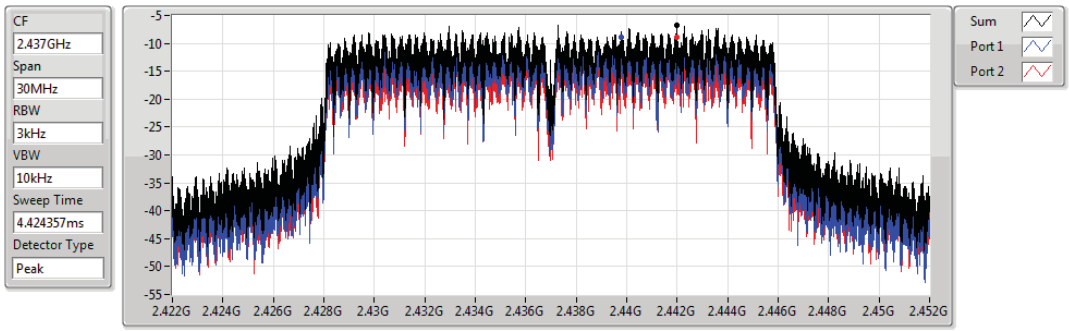
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.39	-10.39	-12.16	-12.98

VHT20_Nss1,(MCS0)_2TX **PSD**

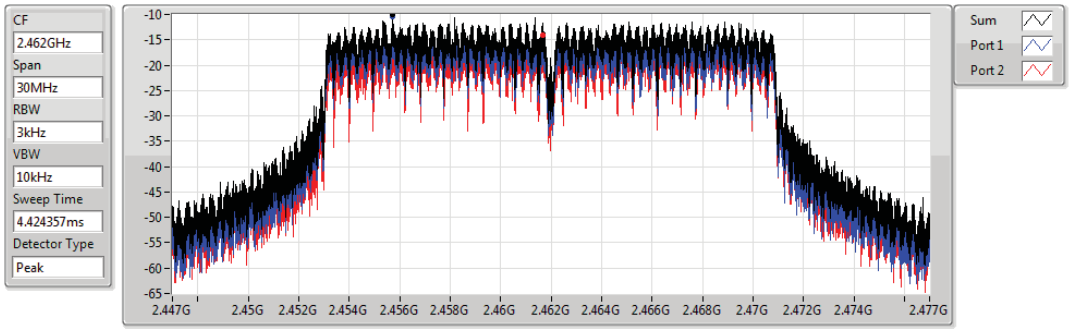
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.74	-6.74	-8.89	-8.88

VHT20_Nss1,(MCS0)_2TX **PSD**

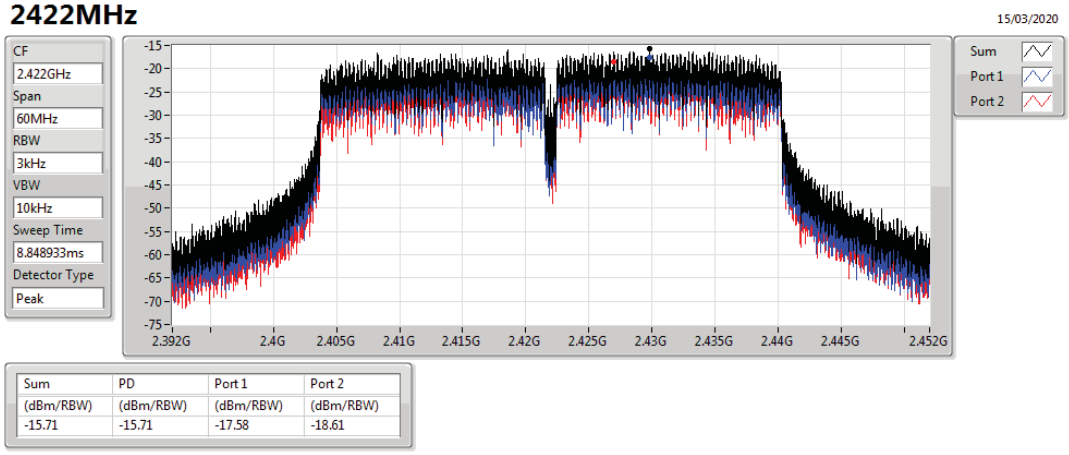
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.06	-10.06	-10.48	-14.09

VHT40_Nss1,(MCS0)_2TX **PSD**

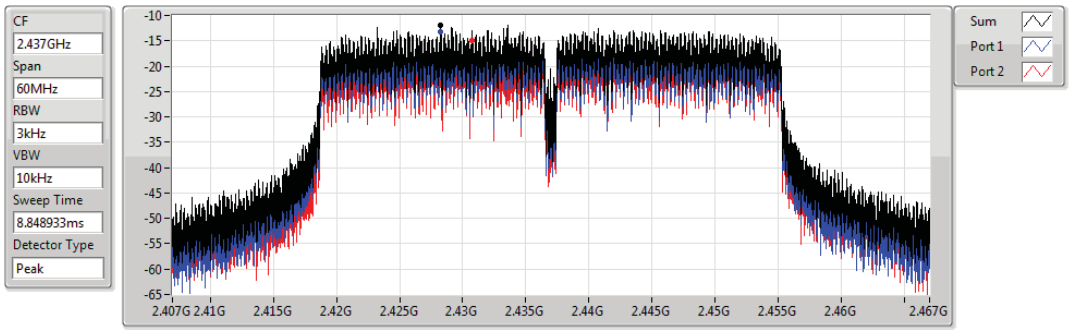
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.71	-15.71	-17.58	-18.61

VHT40_Nss1,(MCS0)_2TX **PSD**

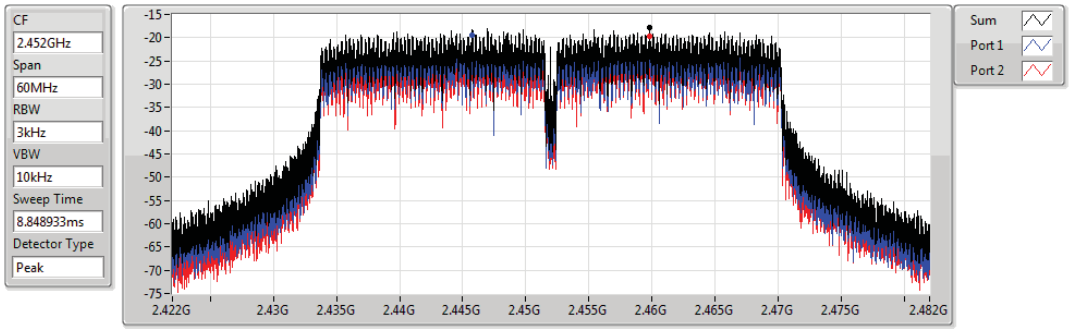
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.95	-11.95	-13.29	-14.89

VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-17.83	-17.83	-19.54	-19.70

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	5.73
802.11g_Nss1,(6Mbps)_2TX	0.44
VHT20_Nss1,(MCS0)_2TX	0.88
VHT40_Nss1,(MCS0)_2TX	-4.26
802.11ax HEW20_Nss1,(MCS0)_2TX	1.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-5.89

RBW=3 kHz

Result

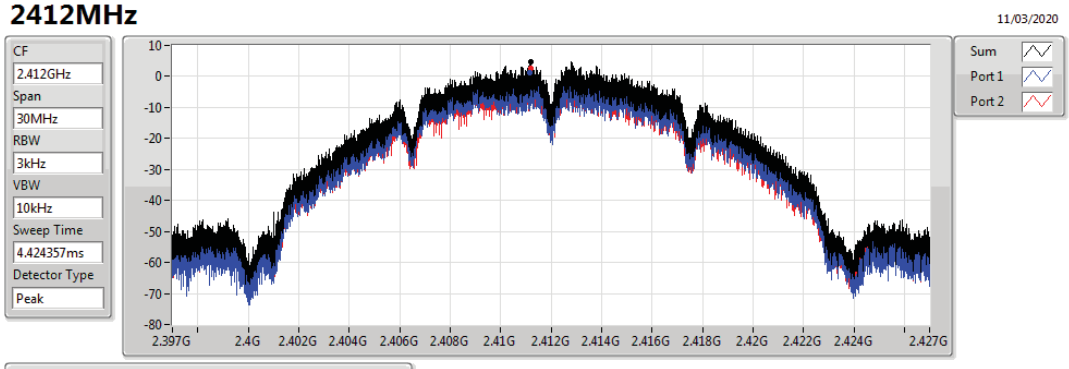
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.33	1.23	2.53	4.67	8.00
2437MHz_TnomVnom	Pass	5.33	1.69	2.20	4.53	8.00
2462MHz_TnomVnom	Pass	5.33	3.64	1.74	5.73	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.33	-3.59	-4.70	-2.66	8.00
2437MHz_TnomVnom	Pass	5.33	-0.84	-1.79	0.44	8.00
2462MHz_TnomVnom	Pass	5.33	-4.65	-5.26	-3.68	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.33	-4.63	-3.74	-2.55	8.00
2437MHz_TnomVnom	Pass	5.33	-1.41	-0.06	0.88	8.00
2462MHz_TnomVnom	Pass	5.33	-5.35	-5.53	-3.47	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.33	-8.45	-8.28	-7.13	8.00
2437MHz_TnomVnom	Pass	5.33	-6.24	-5.93	-4.26	8.00
2452MHz_TnomVnom	Pass	5.33	-7.75	-7.76	-5.14	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.33	-4.64	-4.93	-3.42	8.00
2437MHz_TnomVnom	Pass	5.33	-1.50	-0.53	1.00	8.00
2462MHz_TnomVnom	Pass	5.33	-4.51	-4.97	-3.57	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.33	-8.65	-7.70	-6.79	8.00
2437MHz_TnomVnom	Pass	5.33	-7.26	-7.46	-5.89	8.00
2452MHz_TnomVnom	Pass	5.33	-7.55	-7.97	-6.16	8.00

DG = Directional Gain; RBW=3 kHz;

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

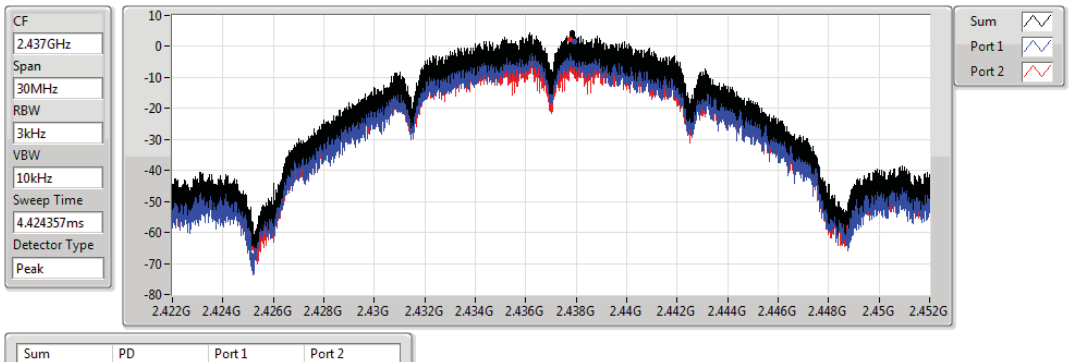
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	1.23	2.53

802.11b_Nss1,(1Mbps)_2TX PSD

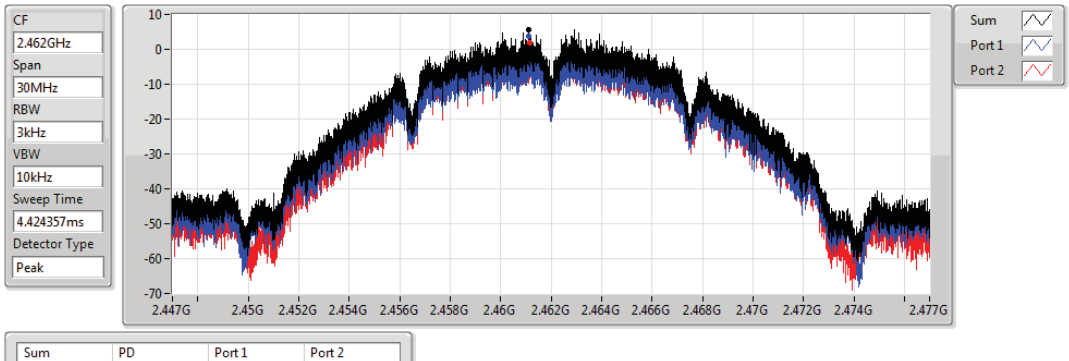
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.53	4.53	1.69	2.20

802.11b_Nss1,(1Mbps)_2TX PSD

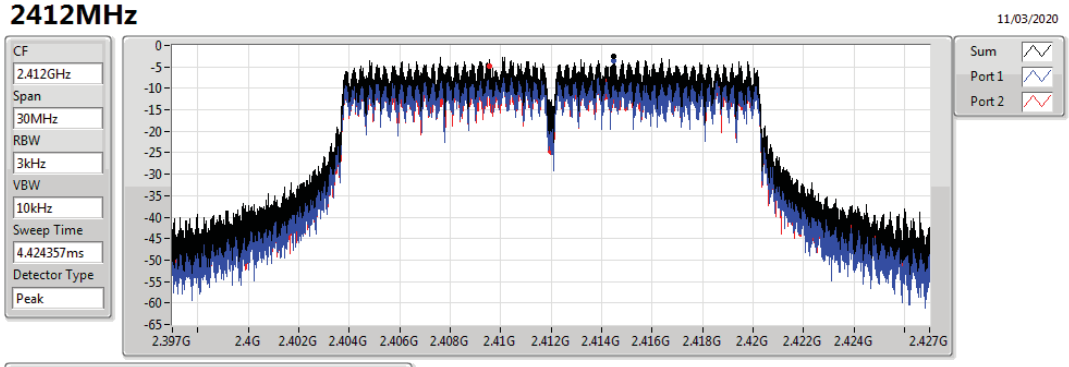
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	3.64	1.74

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

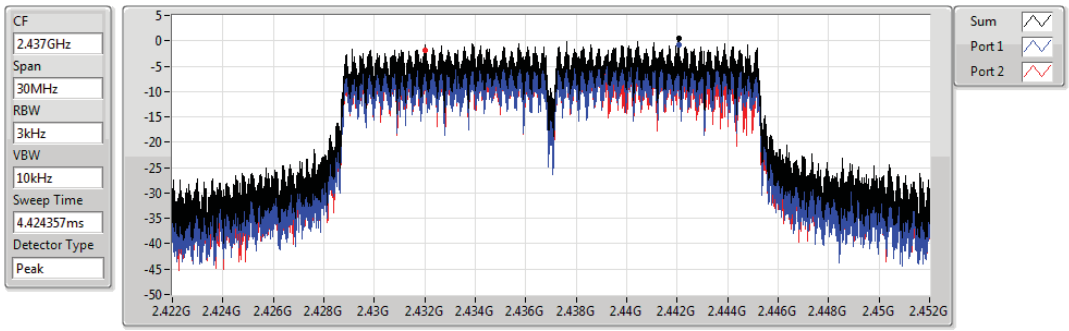
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.66	-2.66	-3.59	-4.70

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

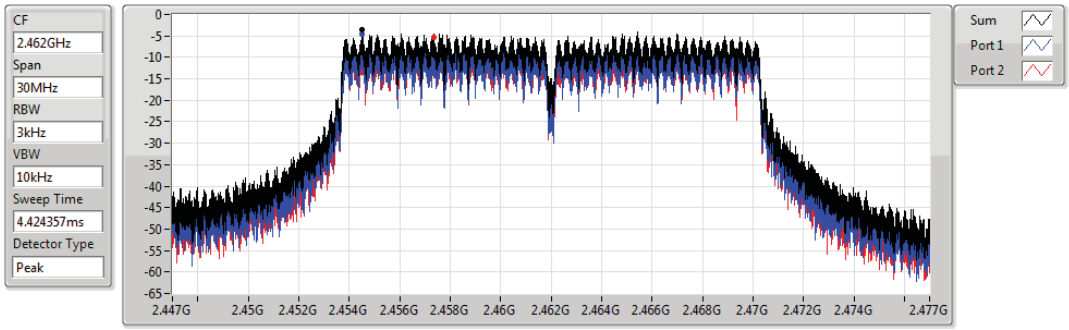
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.44	0.44	-0.84	-1.79

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

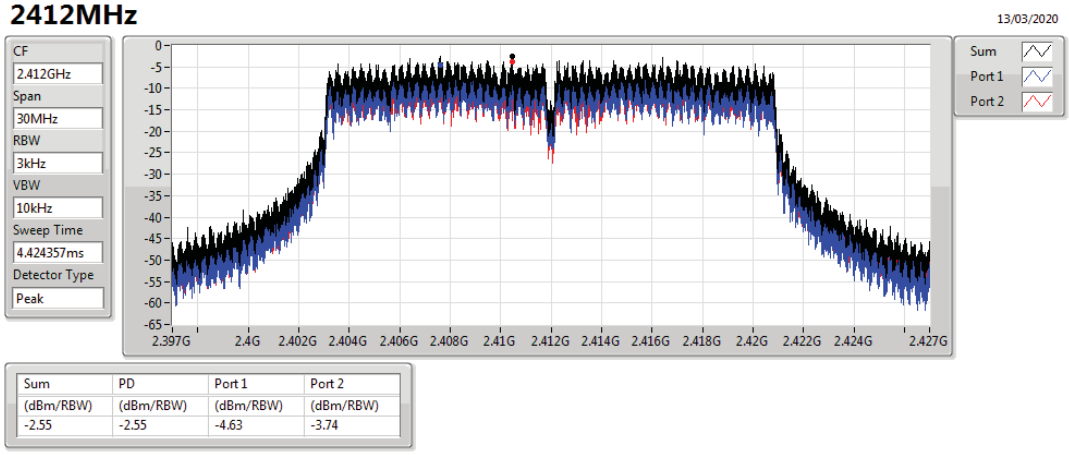
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-4.65	-5.26

VHT20_Nss1,(MCS0)_2TX **PSD**

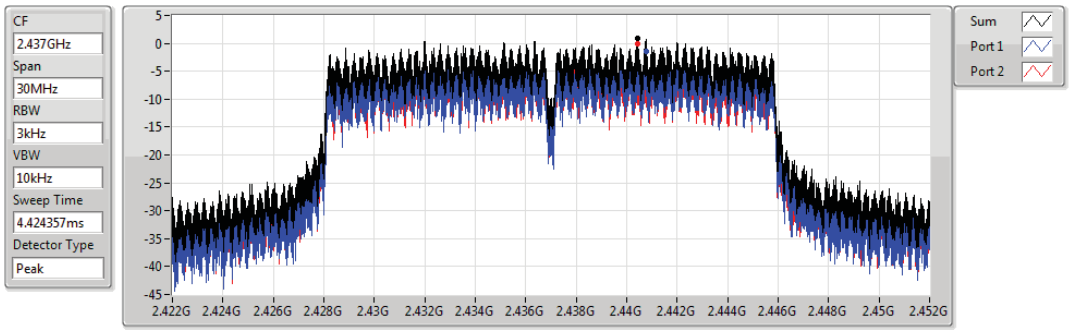
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.55	-2.55	-4.63	-3.74

VHT20_Nss1,(MCS0)_2TX **PSD**

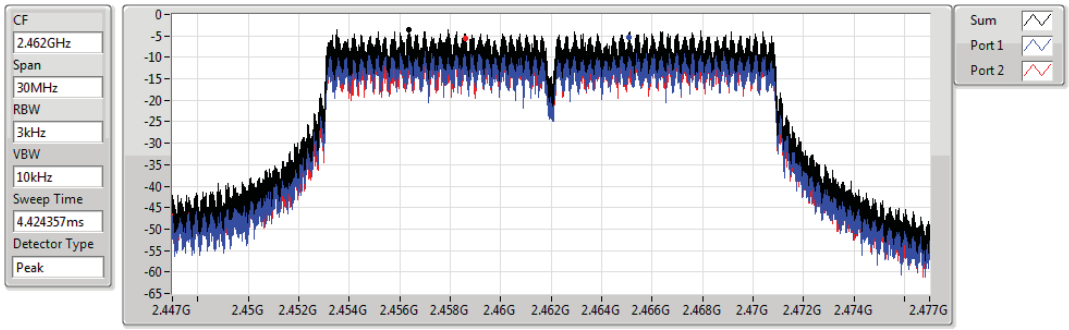
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.88	0.88	-1.41	-0.06

VHT20_Nss1,(MCS0)_2TX **PSD**

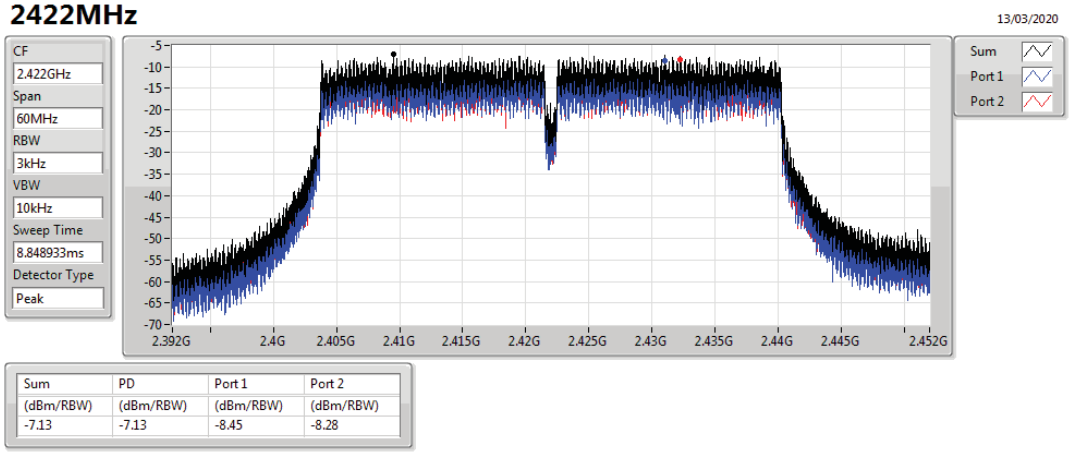
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.47	-3.47	-5.35	-5.53

VHT40_Nss1,(MCS0)_2TX **PSD**

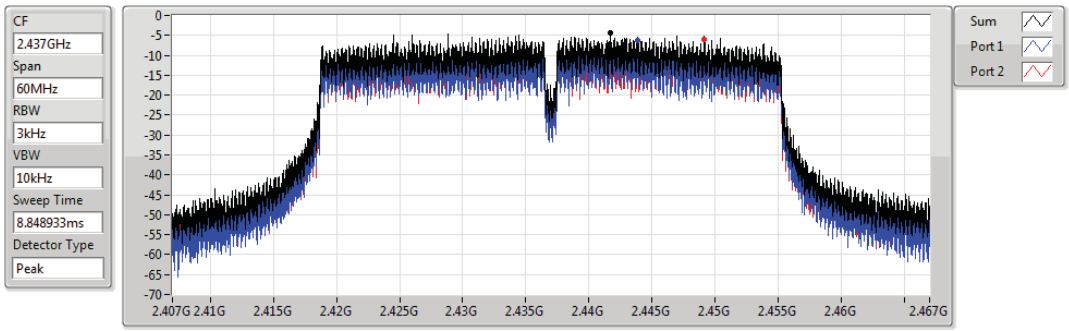
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-8.45	-8.28

VHT40_Nss1,(MCS0)_2TX **PSD**

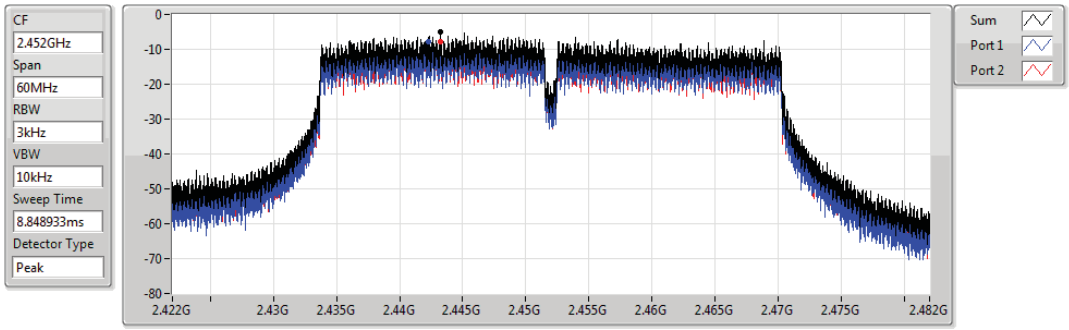
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.26	-4.26	-6.24	-5.93

VHT40_Nss1,(MCS0)_2TX **PSD**

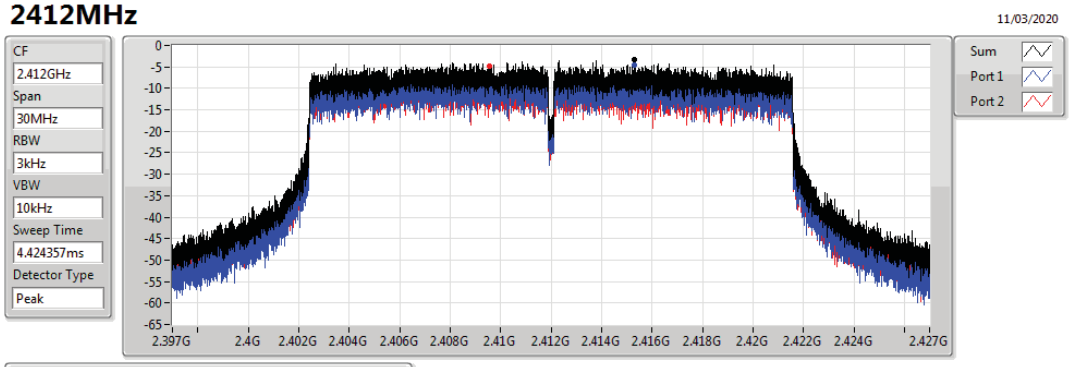
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.14	-5.14	-7.75	-7.76

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

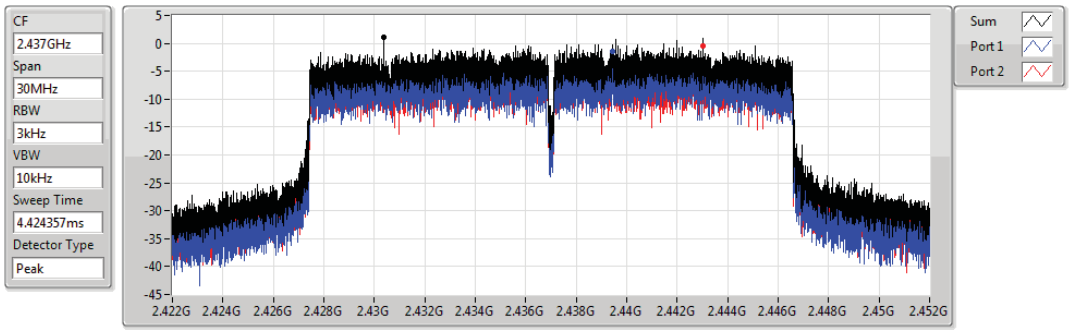
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.42	-3.42	-4.64	-4.93

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

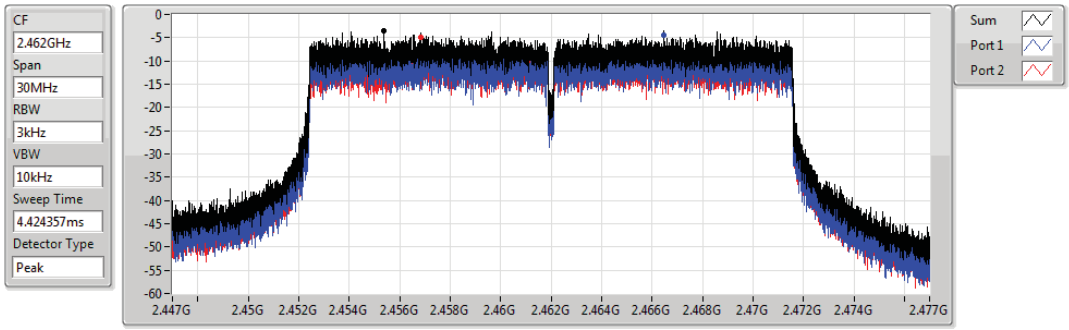
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.00	1.00	-1.50	-0.53

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

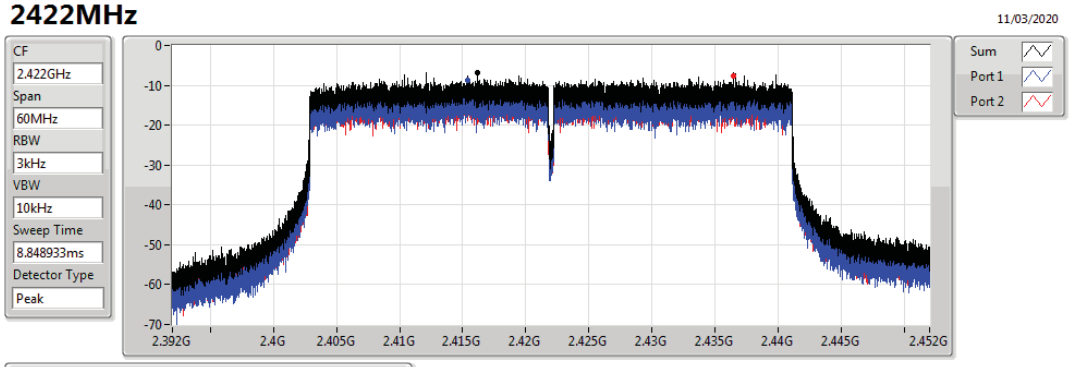
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-4.51	-4.97

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

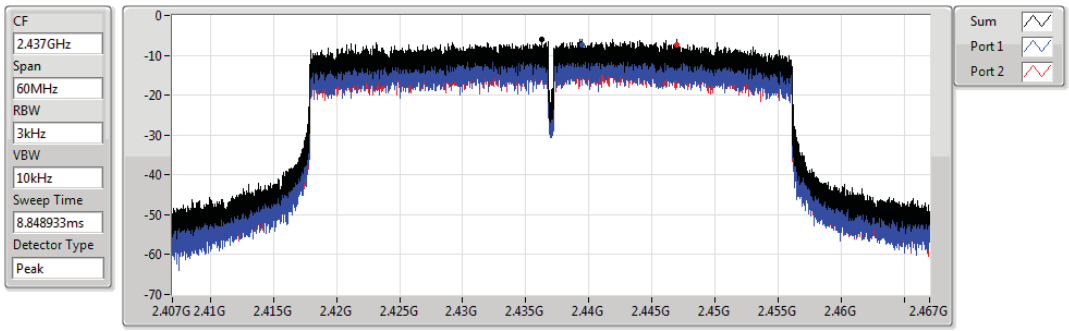
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.79	-6.79	-8.65	-7.70

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

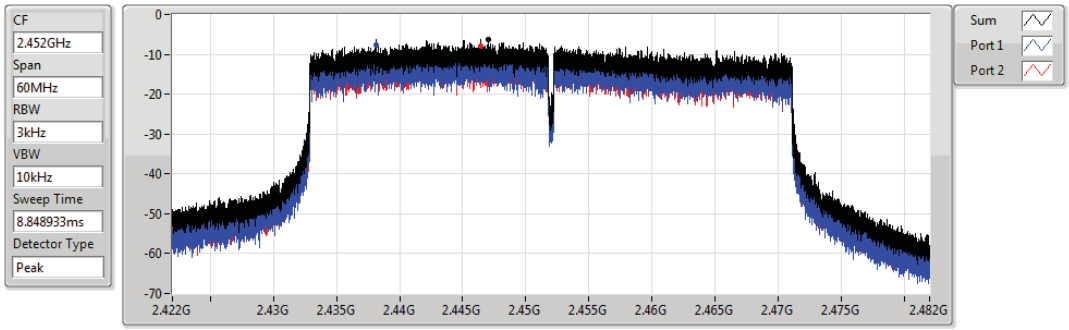
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.89	-5.89	-7.26	-7.46

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.16	-6.16	-7.55	-7.97

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-11.68
802.11g_Nss1,(6Mbps)_2TX	-5.59
VHT20_Nss1,(MCS0)_2TX	-6.03
VHT40_Nss1,(MCS0)_2TX	-11.83

RBW=3 kHz

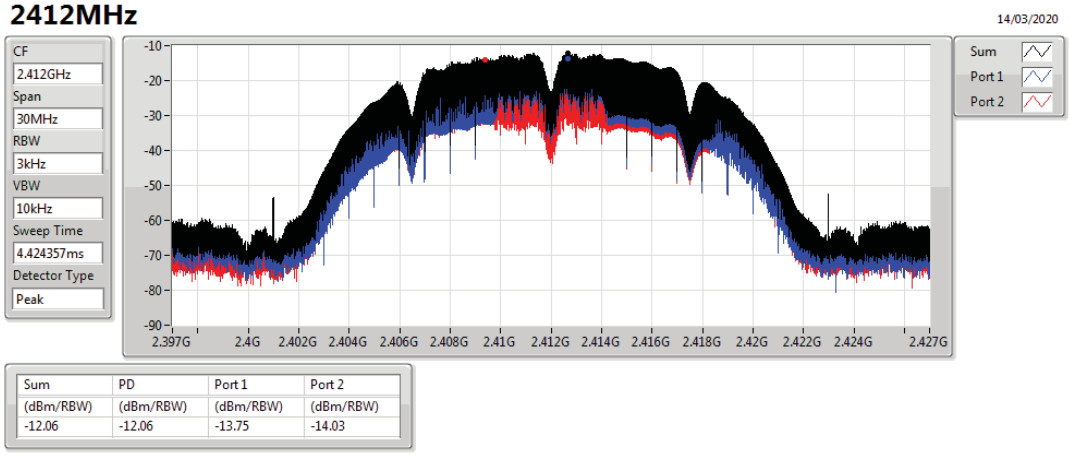
Result

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_TnomVnom	Pass	5.26	-13.75	-14.03	-12.06	8.00
2437MHz_TnomVnom	Pass	5.26	-13.00	-14.37	-11.68	8.00
2462MHz_TnomVnom	Pass	5.26	-12.18	-15.53	-12.15	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.26	-11.35	-13.64	-10.41	8.00
2437MHz_TnomVnom	Pass	5.26	-6.85	-8.41	-5.59	8.00
2462MHz_TnomVnom	Pass	5.26	-10.27	-11.86	-8.91	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	5.26	-11.20	-14.60	-10.34	8.00
2437MHz_TnomVnom	Pass	5.26	-6.91	-8.38	-6.03	8.00
2462MHz_TnomVnom	Pass	5.26	-10.91	-11.70	-9.13	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	5.26	-18.25	-18.44	-16.15	8.00
2437MHz_TnomVnom	Pass	5.26	-13.61	-14.98	-11.83	8.00
2452MHz_TnomVnom	Pass	5.26	-17.74	-19.02	-15.85	8.00

DG = Directional Gain; RBW=3 kHz;
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**

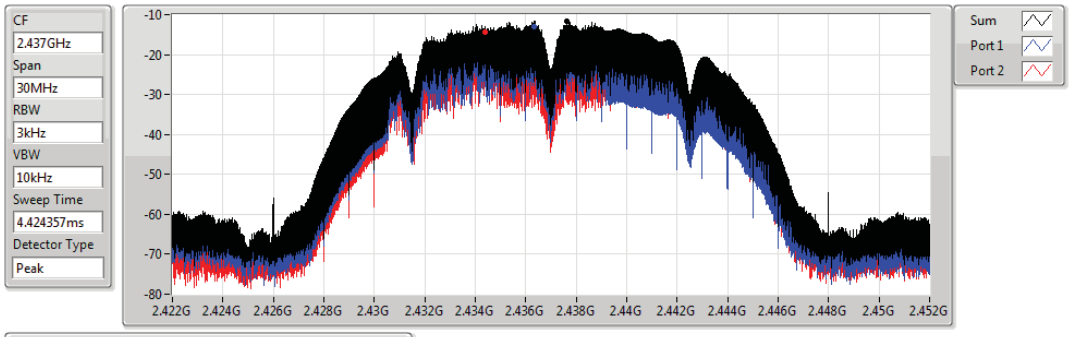
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.06	-12.06	-13.75	-14.03

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

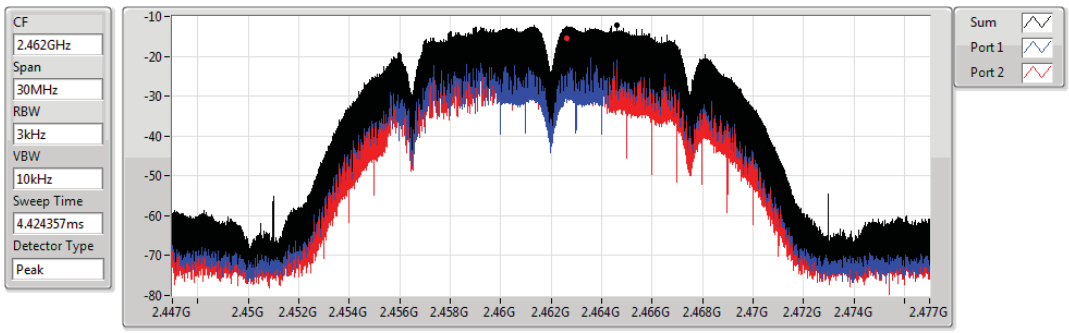
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.68	-11.68	-13.00	-14.37

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

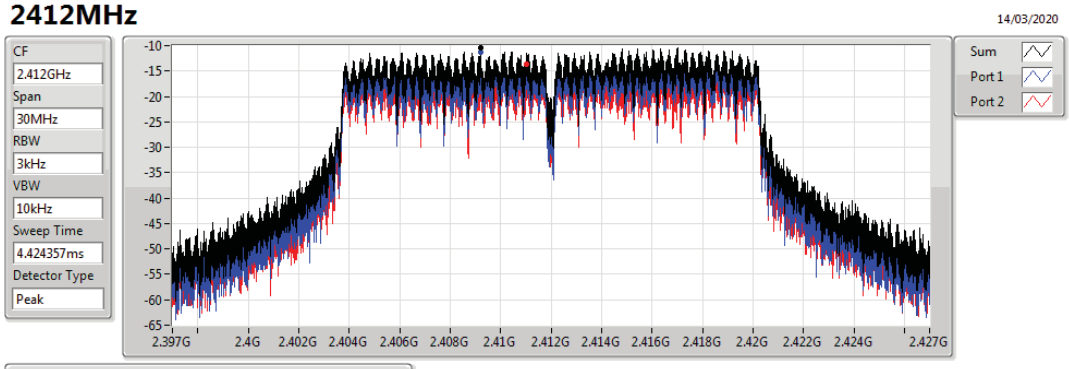
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.15	-12.15	-12.18	-15.53

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

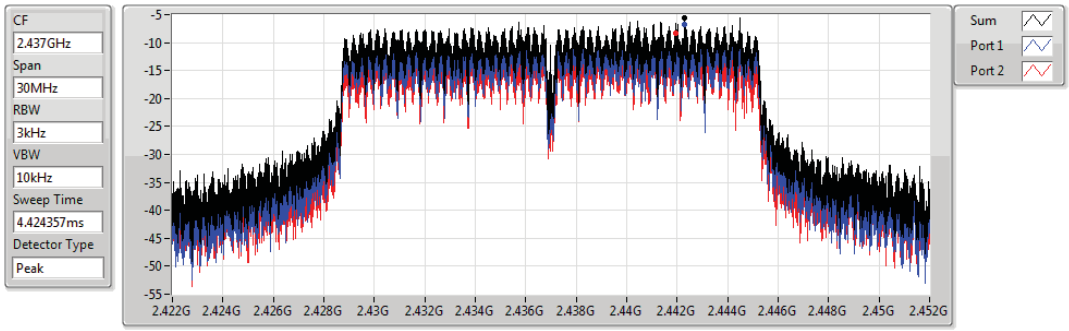
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.41	-10.41	-11.35	-13.64

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

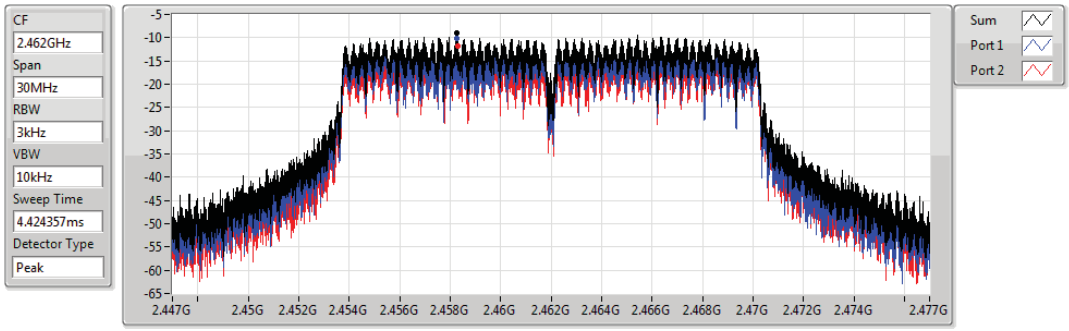
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.59	-5.59	-6.85	-8.41

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

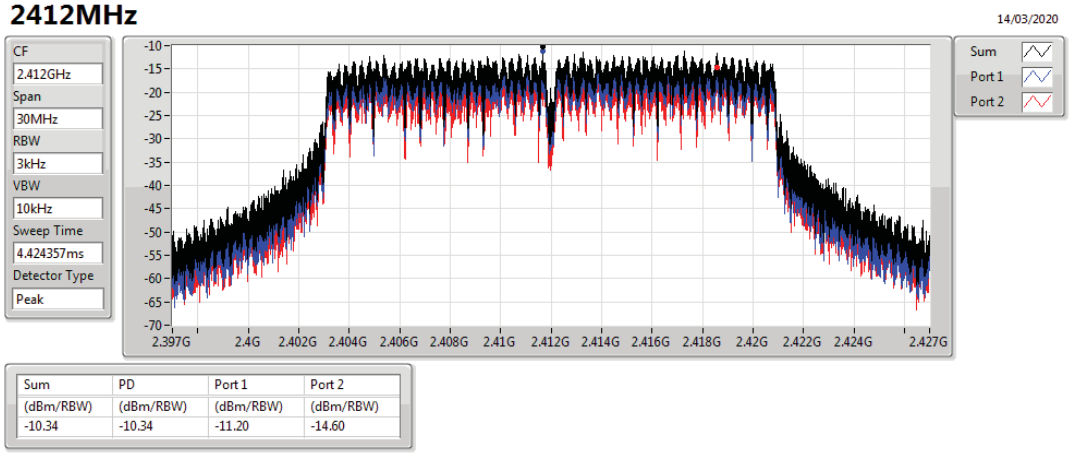
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.91	-8.91	-10.27	-11.86

VHT20_Nss1,(MCS0)_2TX **PSD**

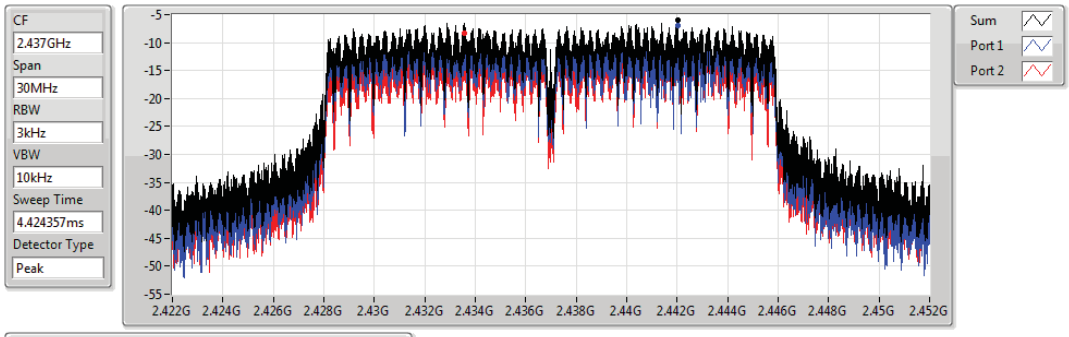
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.34	-10.34	-11.20	-14.60

VHT20_Nss1,(MCS0)_2TX **PSD**

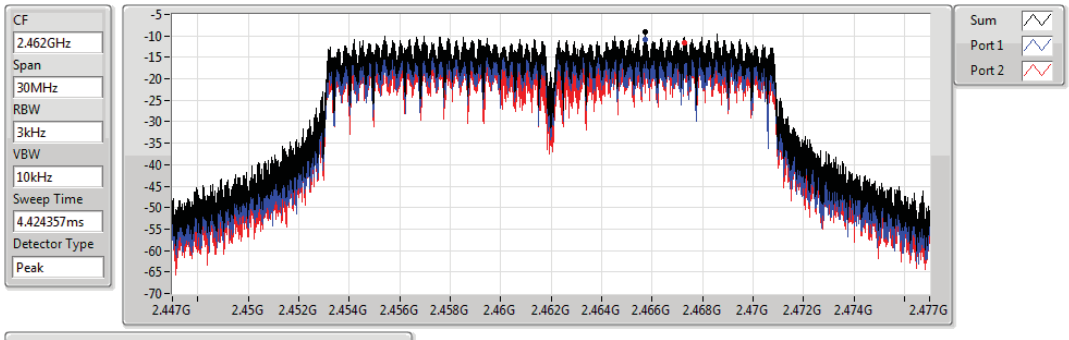
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.03	-6.03	-6.91	-8.38

VHT20_Nss1,(MCS0)_2TX **PSD**

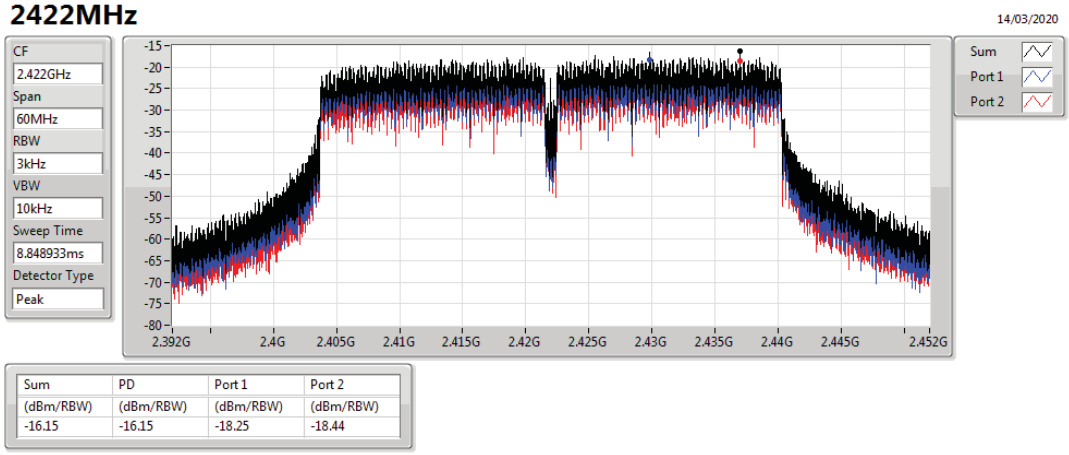
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.13	-9.13	-10.91	-11.70

VHT40_Nss1,(MCS0)_2TX **PSD**

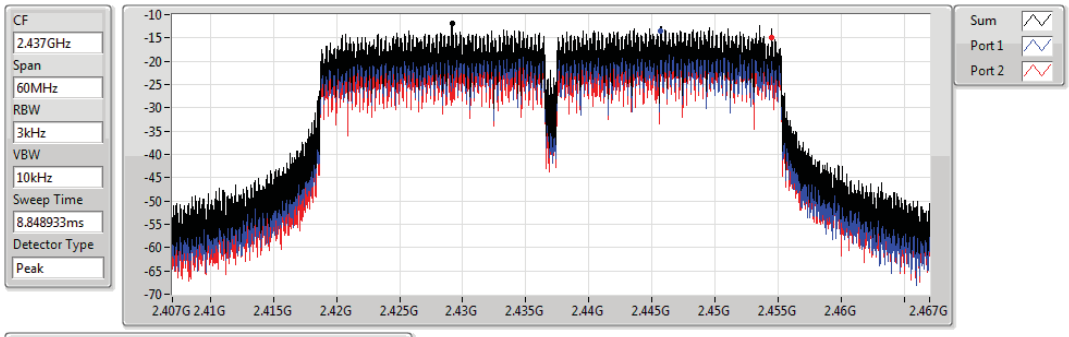
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-16.15	-16.15	-18.25	-18.44

VHT40_Nss1,(MCS0)_2TX **PSD**

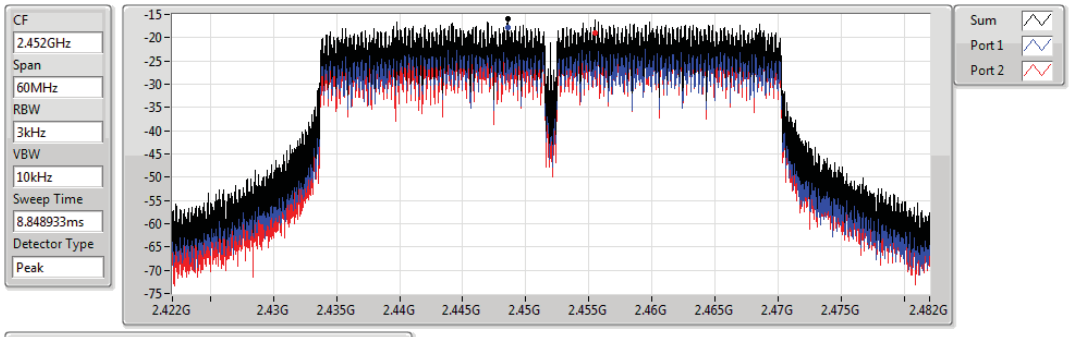
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.83	-11.83	-13.61	-14.98

VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.85	-15.85	-17.74	-19.02

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-2.99
802.11g_Nss1,(6Mbps)_2TX	-0.65
VHT20_Nss1,(MCS0)_2TX	0.38
VHT40_Nss1,(MCS0)_2TX	-4.98
802.11ax HEW20_Nss1,(MCS0)_2TX	0.57
802.11ax HEW40_Nss1,(MCS0)_2TX	-5.08

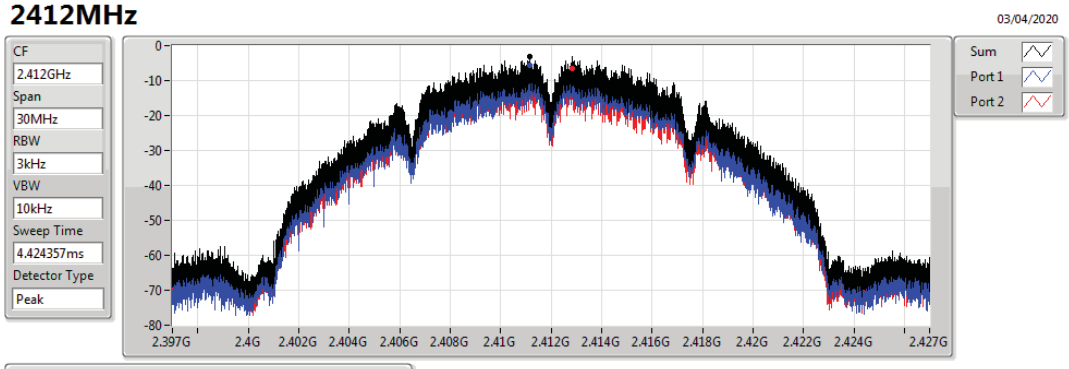
Result

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	7.55	-5.50	-6.57	-2.99	6.45
2437MHz	Pass	7.55	-8.16	-9.34	-6.58	6.45
2462MHz	Pass	7.55	-5.86	-7.63	-5.34	6.45
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-5.46	-4.30	-2.69	6.45
2437MHz	Pass	7.55	-2.33	-2.03	-0.65	6.45
2462MHz	Pass	7.55	-5.92	-5.45	-4.09	6.45
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-4.59	-3.89	-2.67	6.45
2437MHz	Pass	7.55	-1.45	-1.43	0.38	6.45
2462MHz	Pass	7.55	-7.03	-6.65	-4.90	6.45
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	-8.34	-8.55	-6.05	6.45
2437MHz	Pass	7.55	-6.44	-6.74	-5.25	6.45
2452MHz	Pass	7.55	-7.66	-6.90	-4.98	6.45
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.55	-4.83	-5.31	-3.41	6.45
2437MHz	Pass	7.55	-2.10	-0.39	0.57	6.45
2462MHz	Pass	7.55	-5.80	-5.86	-4.61	6.45
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.55	-8.93	-8.69	-7.05	6.45
2437MHz	Pass	7.55	-7.17	-6.86	-5.08	6.45
2452MHz	Pass	7.55	-8.21	-8.27	-6.22	6.45

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

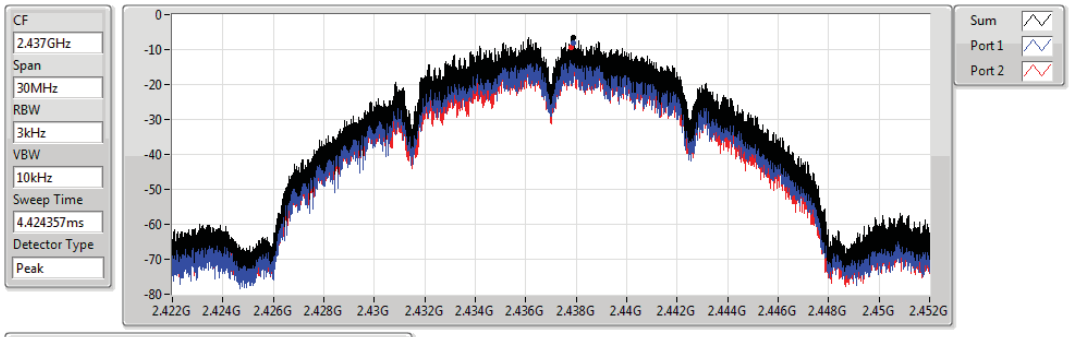
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-5.50	-6.57

802.11b_Nss1,(1Mbps)_2TX PSD

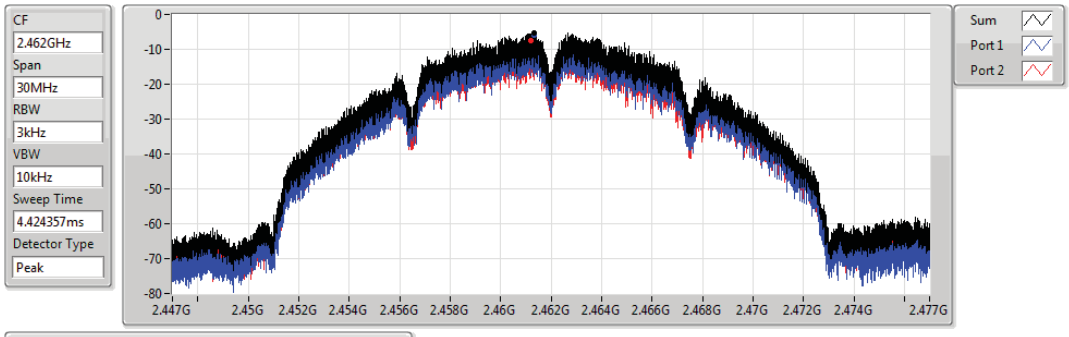
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.58	-6.58	-8.16	-9.34

802.11b_Nss1,(1Mbps)_2TX PSD

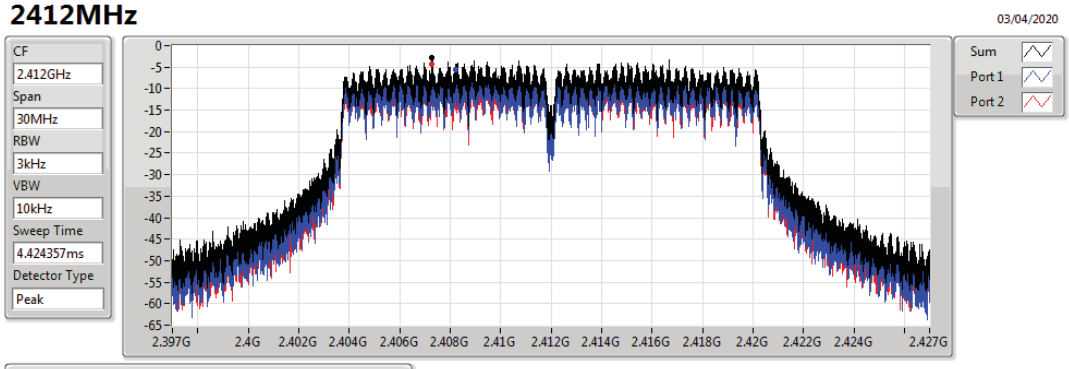
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.34	-5.34	-5.86	-7.63

802.11g_Nss1,(6Mbps)_2TX PSD

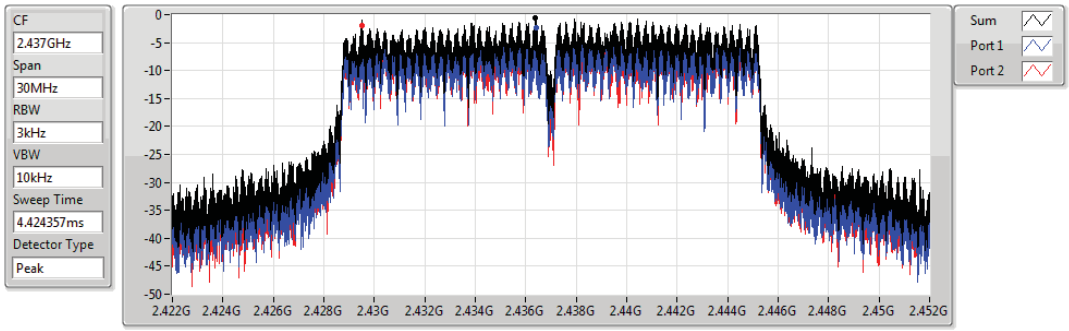
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.69	-2.69	-5.46	-4.30

802.11g_Nss1,(6Mbps)_2TX PSD

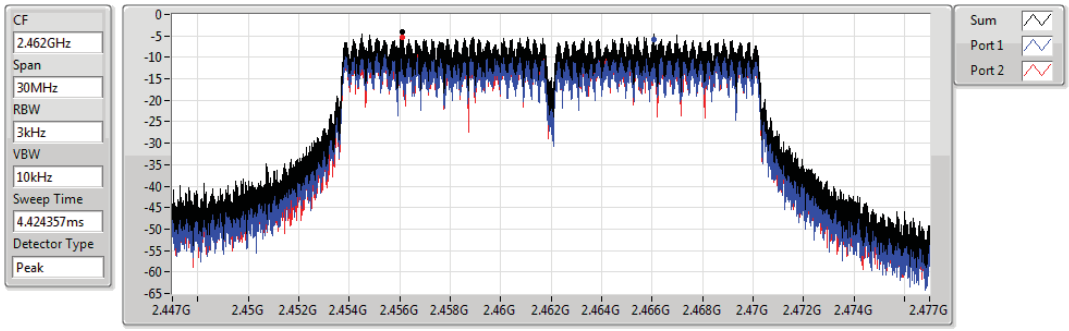
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-2.33	-2.03

802.11g_Nss1,(6Mbps)_2TX PSD

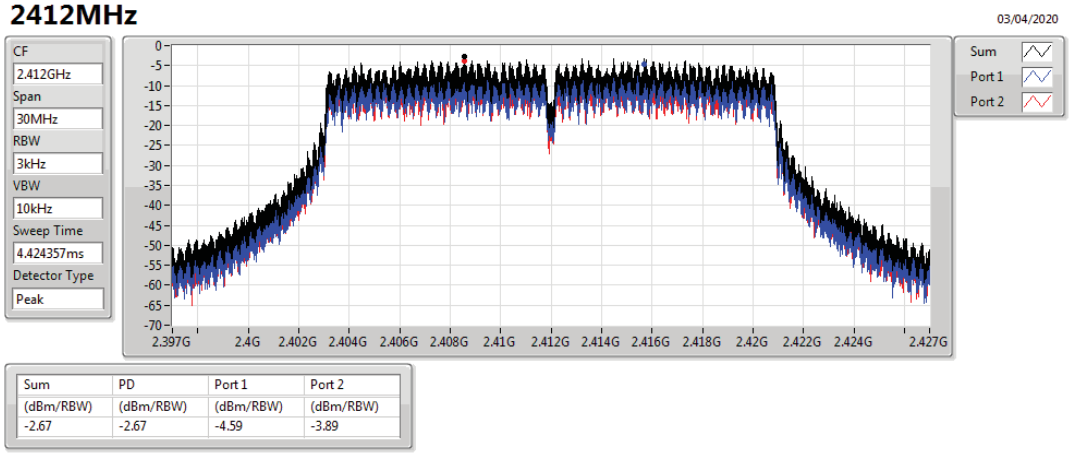
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.09	-4.09	-5.92	-5.45

VHT20_Nss1,(MCS0)_2TX PSD

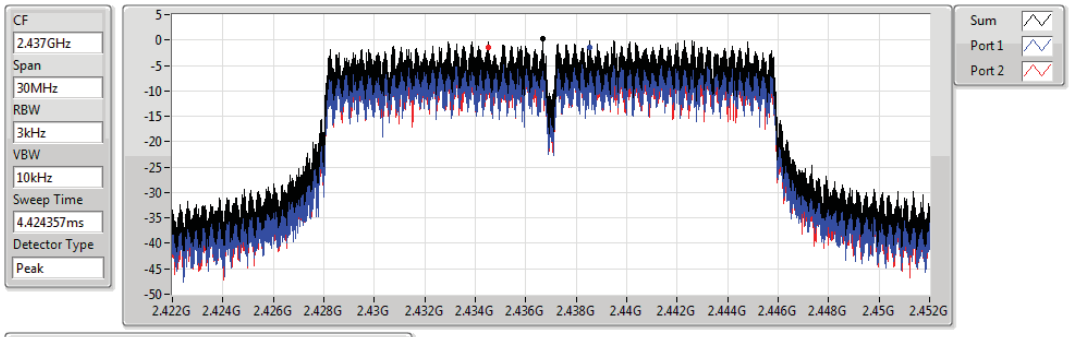
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.67	-2.67	-4.59	-3.89

VHT20_Nss1,(MCS0)_2TX PSD

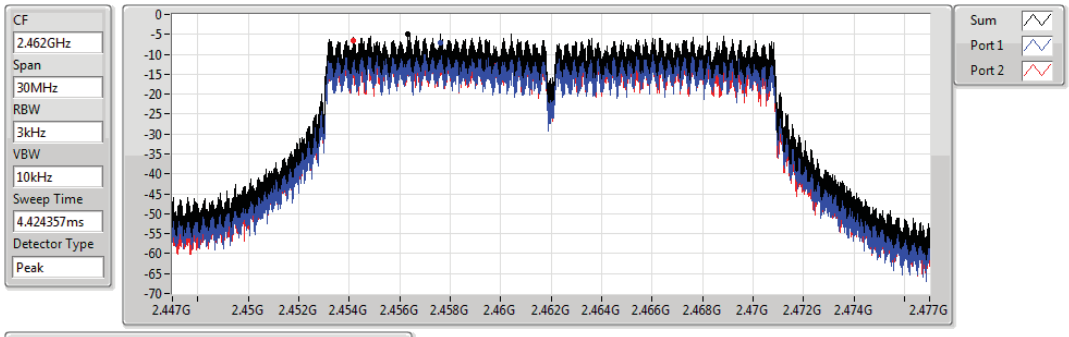
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-1.45	-1.43

VHT20_Nss1,(MCS0)_2TX PSD

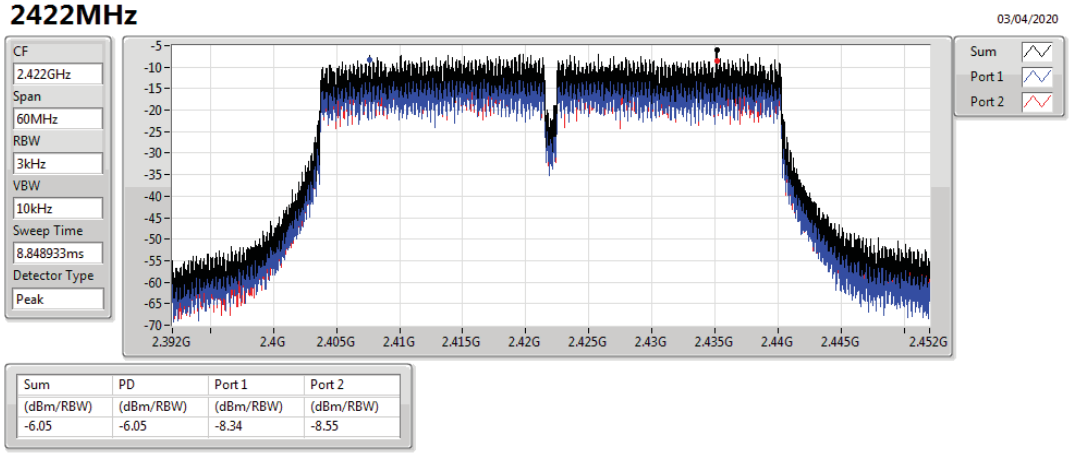
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.90	-4.90	-7.03	-6.65

VHT40_Nss1,(MCS0)_2TX **PSD**

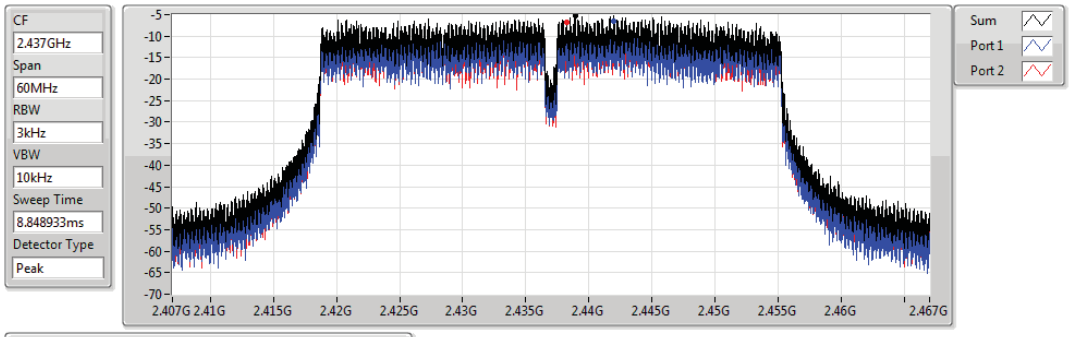
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.05	-6.05	-8.34	-8.55

VHT40_Nss1,(MCS0)_2TX **PSD**

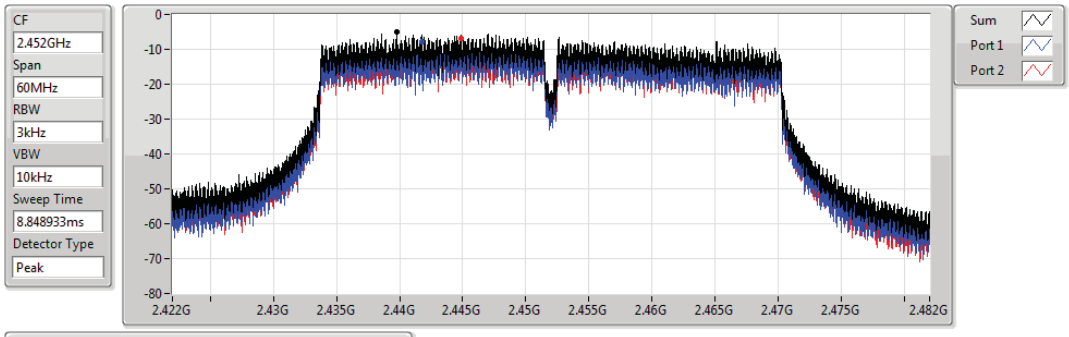
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.25	-5.25	-6.44	-6.74

VHT40_Nss1,(MCS0)_2TX **PSD**

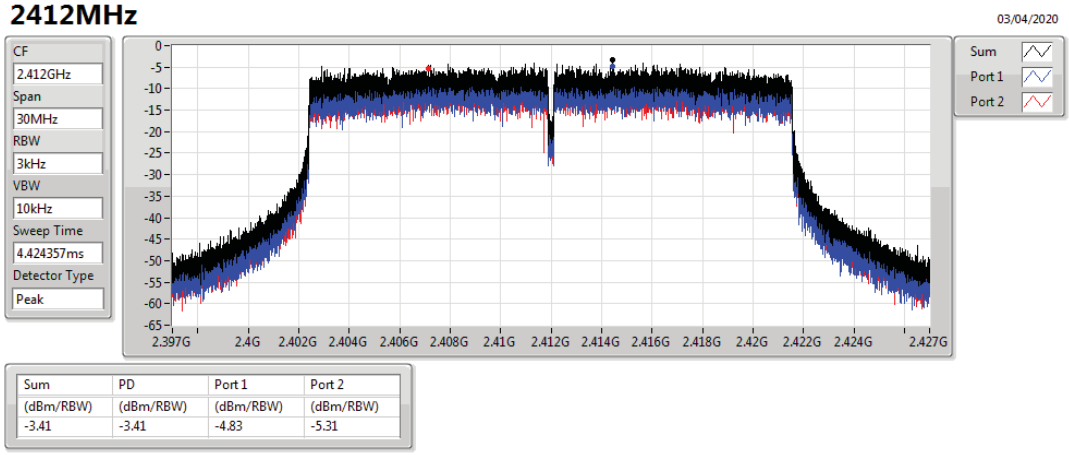
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.98	-4.98	-7.66	-6.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

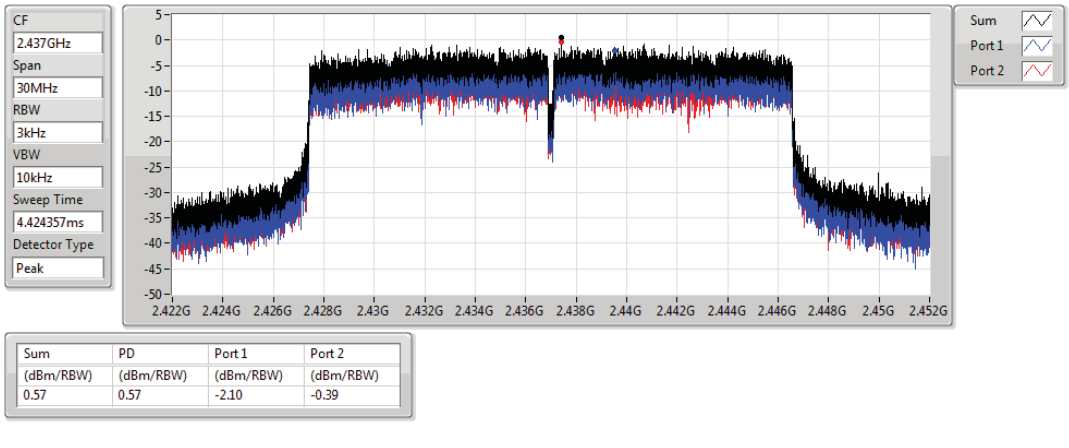
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.41	-3.41	-4.83	-5.31

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

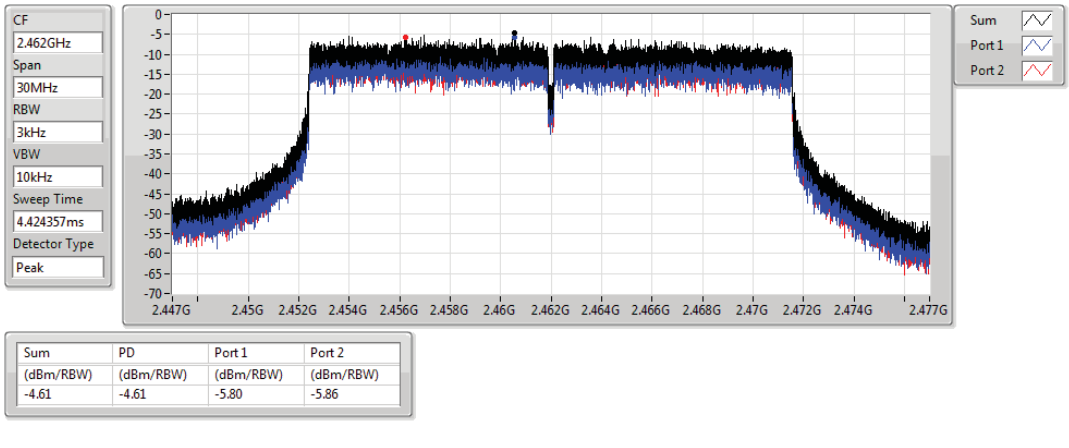
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-2.10	-0.39

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

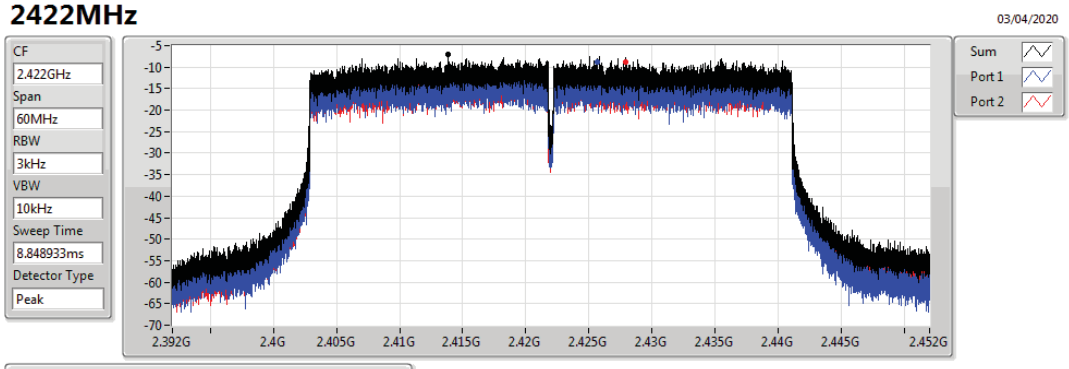
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.61	-4.61	-5.80	-5.86

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

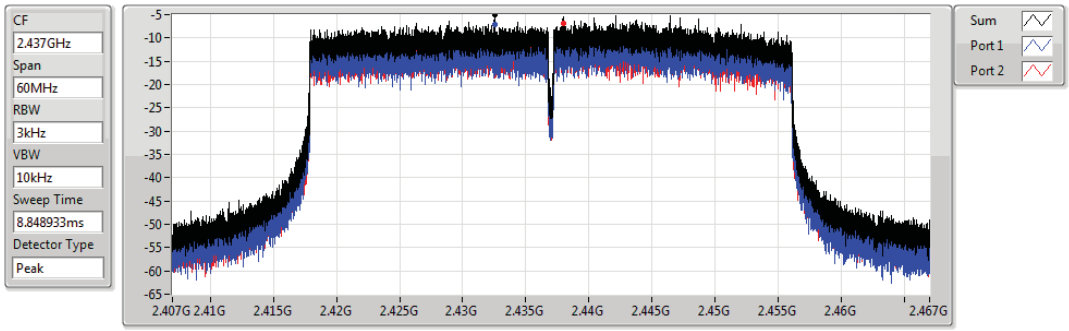
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.05	-7.05	-8.93	-8.69

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

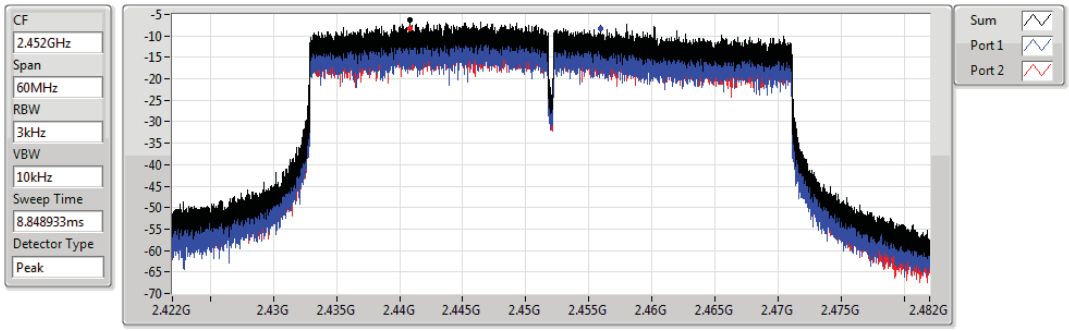
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.08	-5.08	-7.17	-6.86

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.22	-6.22	-8.21	-8.27

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-6.71
802.11g_Nss1,(6Mbps)_2TX	-4.85
VHT20_Nss1,(MCS0)_2TX	-5.18
VHT40_Nss1,(MCS0)_2TX	-8.99

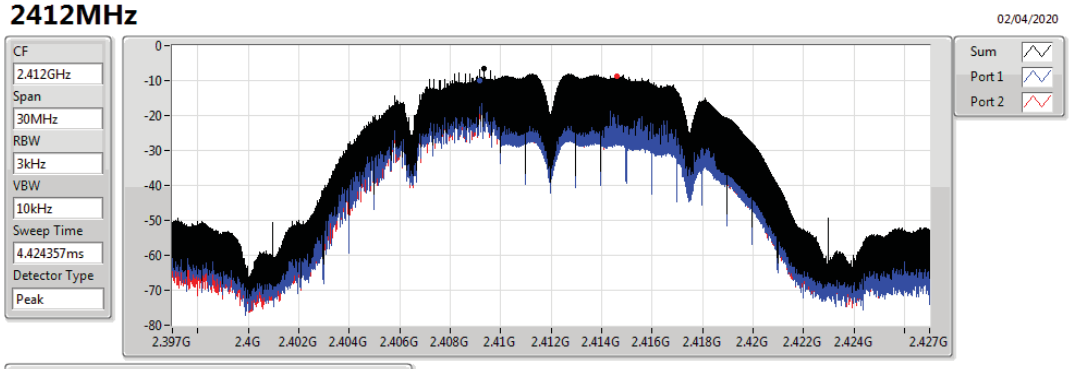
Result

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	7.44	-10.01	-8.76	-6.71	6.56
2437MHz	Pass	7.44	-10.24	-10.15	-7.18	6.56
2462MHz	Pass	7.44	-11.58	-9.39	-8.53	6.56
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.44	-10.46	-10.57	-8.44	6.56
2437MHz	Pass	7.44	-6.79	-5.64	-4.85	6.56
2462MHz	Pass	7.44	-10.52	-9.63	-7.35	6.56
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.44	-11.10	-10.70	-8.07	6.56
2437MHz	Pass	7.44	-6.13	-7.47	-5.18	6.56
2462MHz	Pass	7.44	-10.48	-11.17	-9.11	6.56
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.44	-15.50	-15.32	-13.36	6.56
2437MHz	Pass	7.44	-11.07	-11.99	-8.99	6.56
2452MHz	Pass	7.44	-16.94	-16.12	-13.59	6.56

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

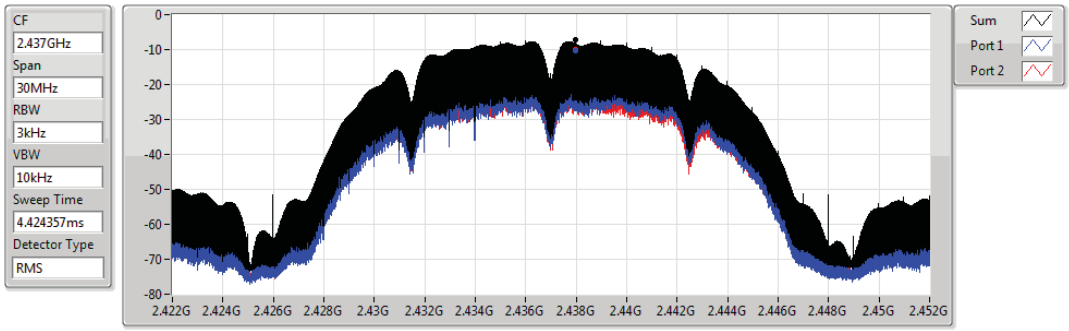
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.71	-6.71	-10.01	-8.76

802.11b_Nss1,(1Mbps)_2TX PSD

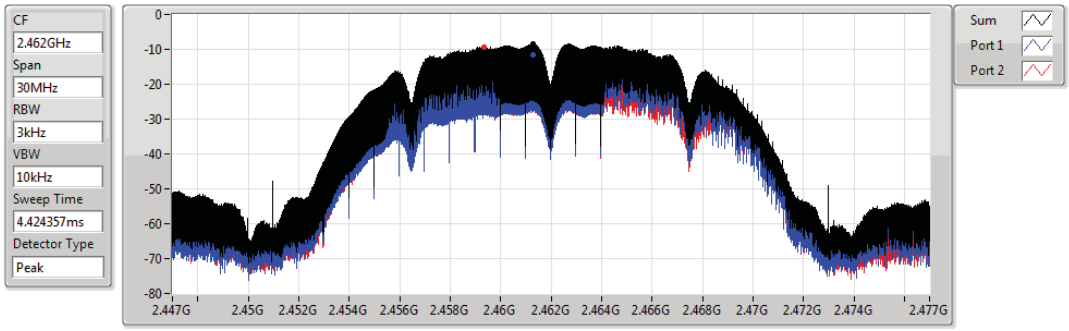
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.18	-7.18	-10.24	-10.15

802.11b_Nss1,(1Mbps)_2TX PSD

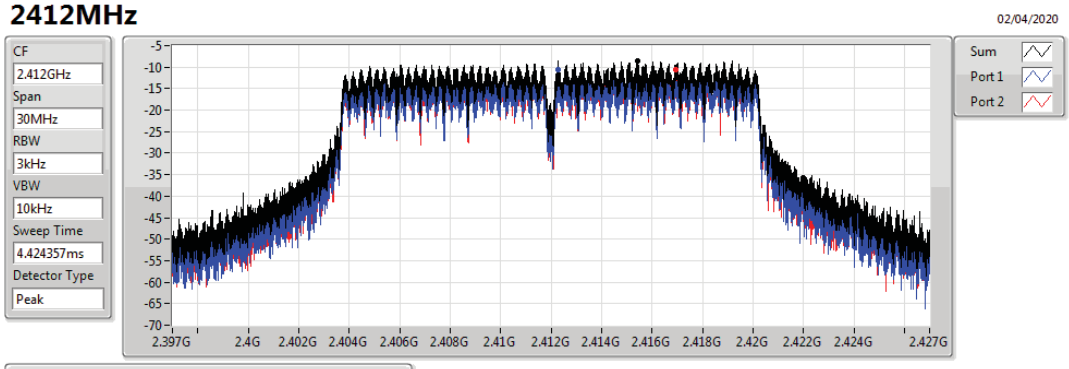
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.53	-8.53	-11.58	-9.39

802.11g_Nss1,(6Mbps)_2TX PSD

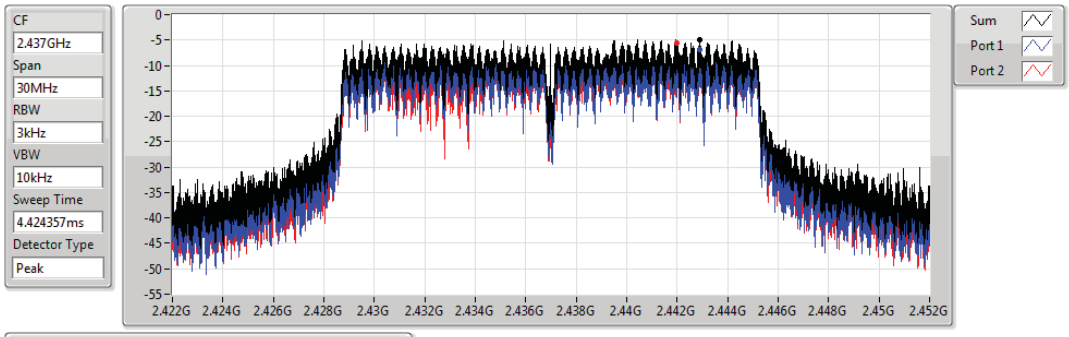
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.44	-8.44	-10.46	-10.57

802.11g_Nss1,(6Mbps)_2TX PSD

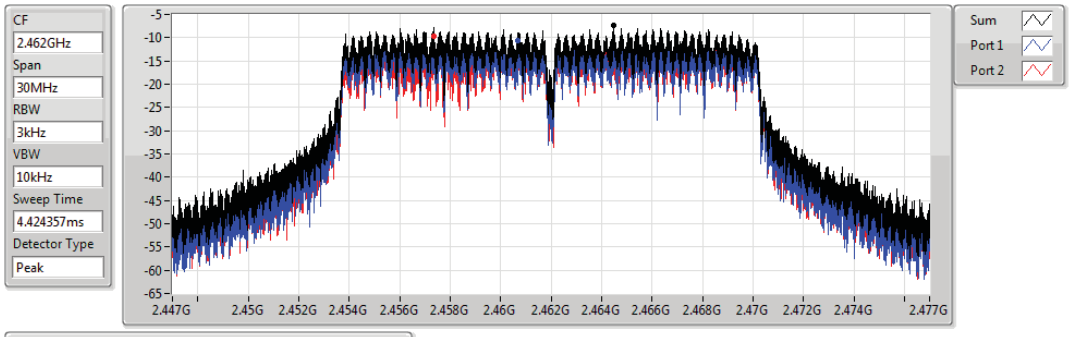
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-6.79	-5.64

802.11g_Nss1,(6Mbps)_2TX PSD

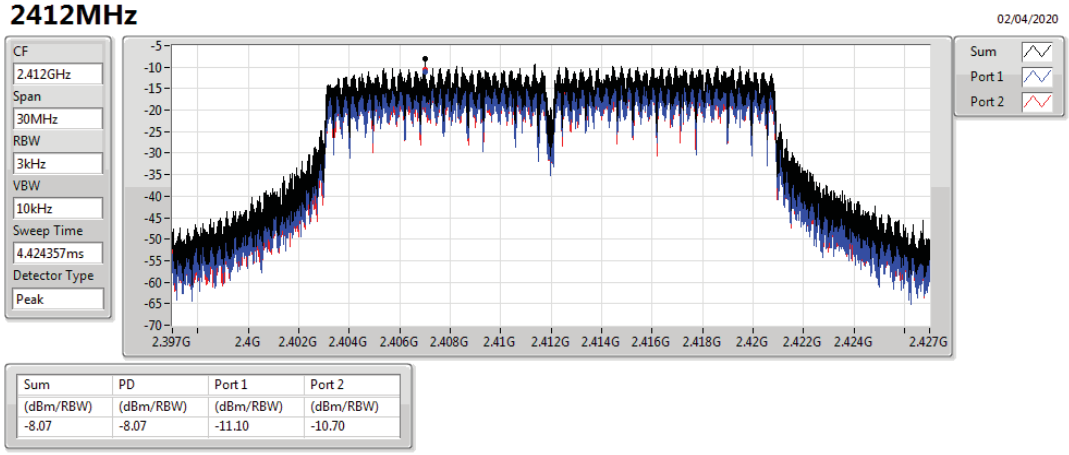
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.35	-7.35	-10.52	-9.63

VHT20_Nss1,(MCS0)_2TX **PSD**

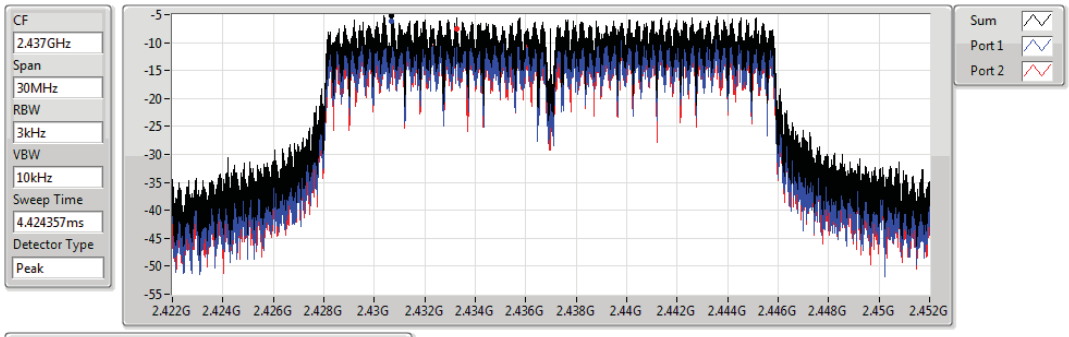
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.07	-8.07	-11.10	-10.70

VHT20_Nss1,(MCS0)_2TX **PSD**

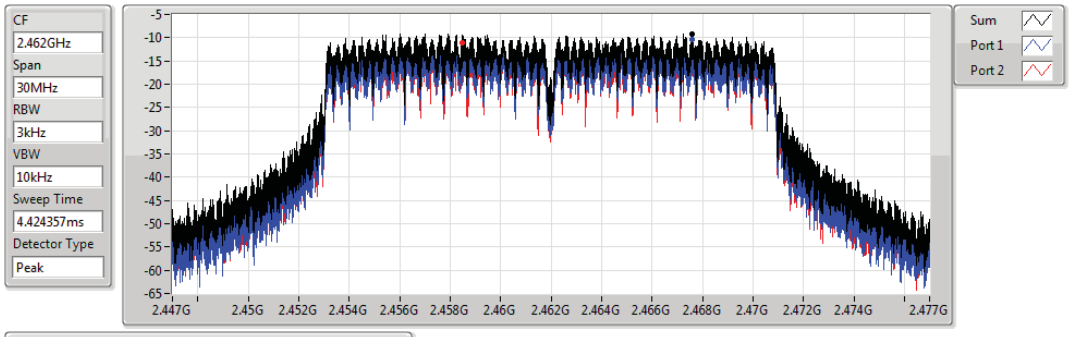
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.18	-5.18	-6.13	-7.47

VHT20_Nss1,(MCS0)_2TX **PSD**

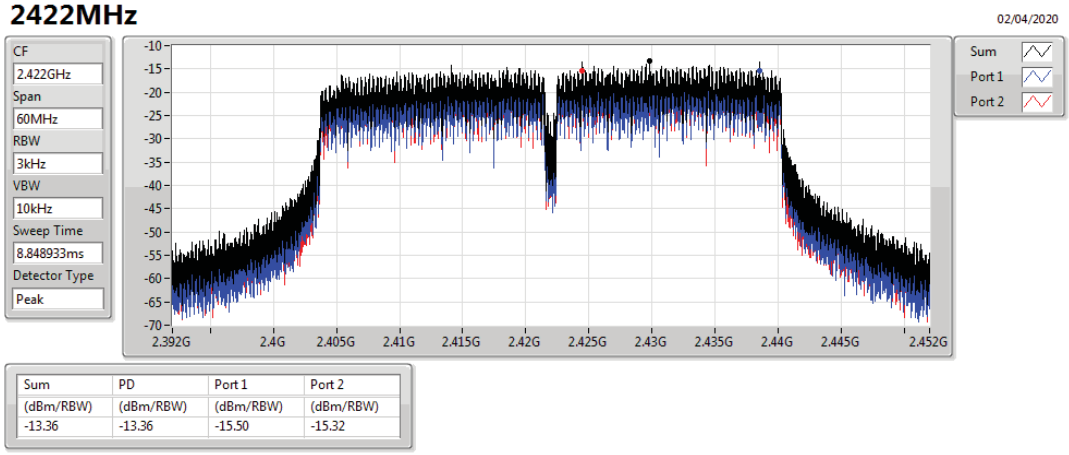
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.11	-9.11	-10.48	-11.17

VHT40_Nss1,(MCS0)_2TX **PSD**

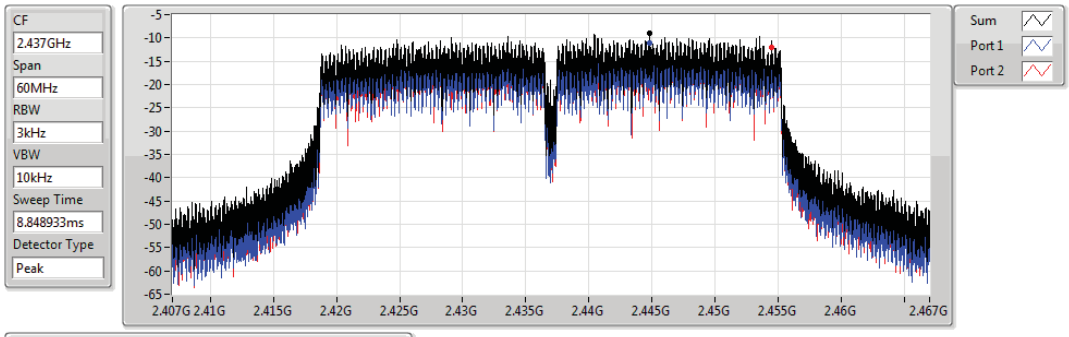
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.36	-13.36	-15.50	-15.32

VHT40_Nss1,(MCS0)_2TX **PSD**

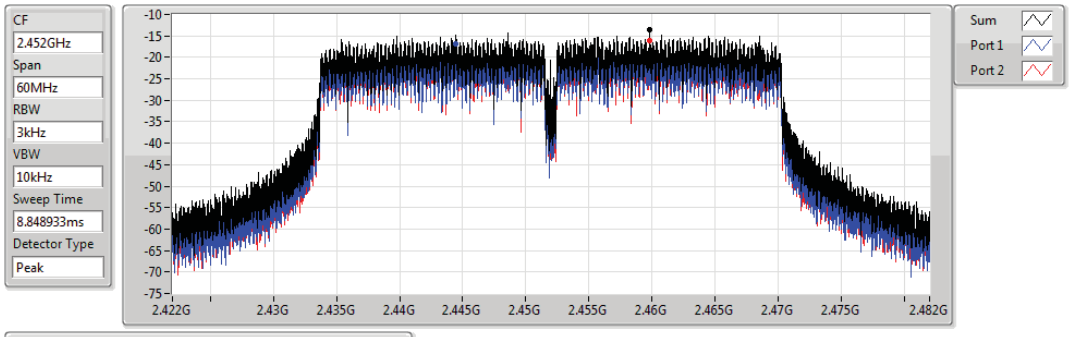
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.99	-8.99	-11.07	-11.99

VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.59	-13.59	-16.94	-16.12

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.71
802.11g_Nss1,(6Mbps)_2TX	0.60
VHT20_Nss1,(MCS0)_2TX	0.68
VHT40_Nss1,(MCS0)_2TX	-3.74
802.11ax HEW20_Nss1,(MCS0)_2TX	0.56
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.86

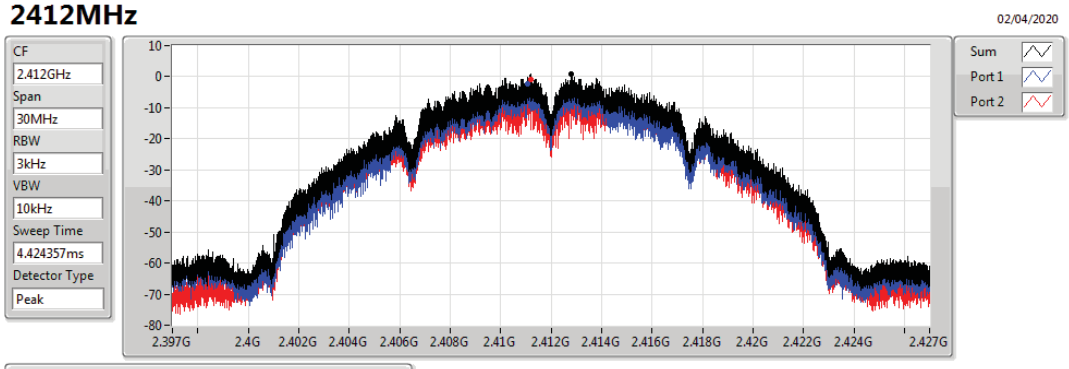
Result

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_TnomVnom	Pass	7.96	-2.19	-0.98	0.71	6.04
2437MHz_TnomVnom	Pass	7.96	-2.16	-3.11	0.16	6.04
2462MHz_TnomVnom	Pass	7.96	-1.18	-2.97	-0.40	6.04
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.96	-4.37	-2.37	-1.54	6.04
2437MHz_TnomVnom	Pass	7.96	-2.64	-1.32	0.60	6.04
2462MHz_TnomVnom	Pass	7.96	-6.68	-6.69	-5.11	6.04
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.96	-2.87	-2.62	-0.58	6.04
2437MHz_TnomVnom	Pass	7.96	0.01	-1.38	0.68	6.04
2462MHz_TnomVnom	Pass	7.96	-8.52	-8.68	-7.15	6.04
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.96	-8.48	-7.87	-6.34	6.04
2437MHz_TnomVnom	Pass	7.96	-5.56	-4.55	-3.74	6.04
2452MHz_TnomVnom	Pass	7.96	-8.75	-9.34	-7.76	6.04
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.96	-2.66	-3.90	-1.48	6.04
2437MHz_TnomVnom	Pass	7.96	0.01	-1.48	0.56	6.04
2462MHz_TnomVnom	Pass	7.96	-8.58	-9.47	-7.76	6.04
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.96	-8.06	-7.48	-6.93	6.04
2437MHz_TnomVnom	Pass	7.96	-6.94	-6.89	-4.86	6.04
2452MHz_TnomVnom	Pass	7.96	-8.59	-10.31	-7.49	6.04

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**

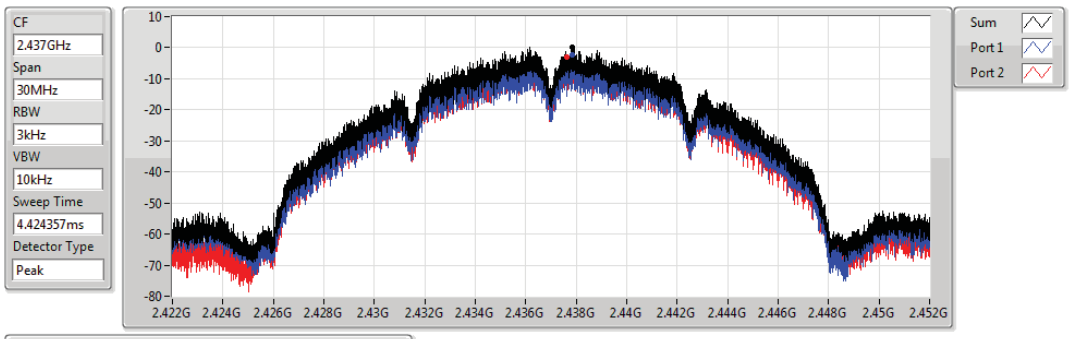
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	-2.19	-0.98

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

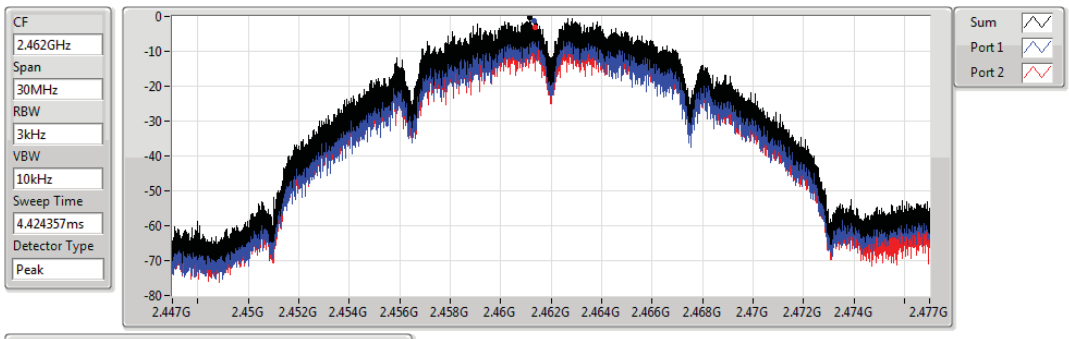
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-2.16	-3.11

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

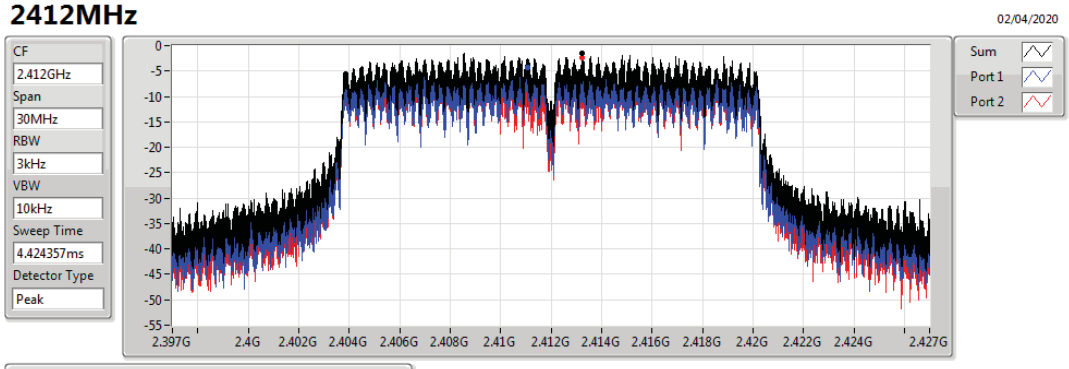
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.40	-0.40	-1.18	-2.97

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

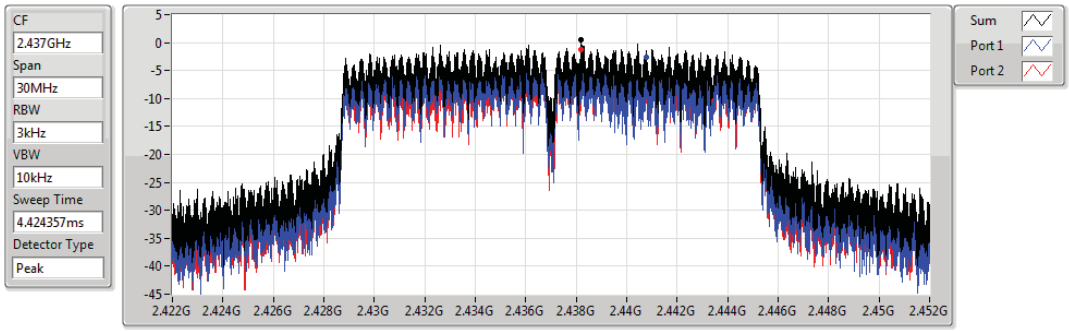
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.54	-1.54	-4.37	-2.37

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

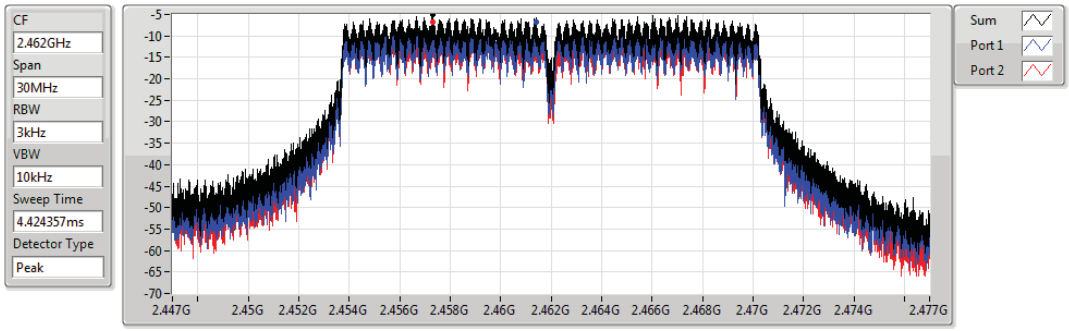
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.60	0.60	-2.64	-1.32

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

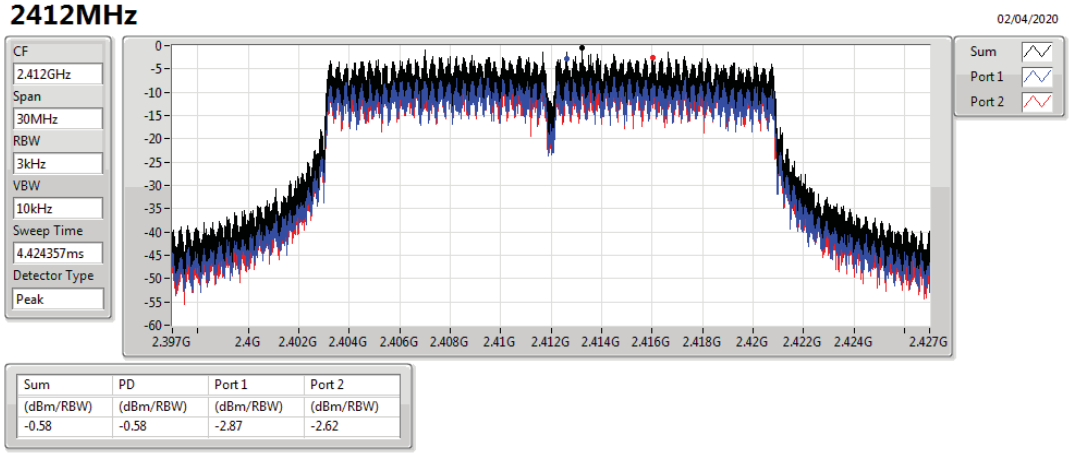
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.11	-5.11	-6.68	-6.69

VHT20_Nss1,(MCS0)_2TX PSD

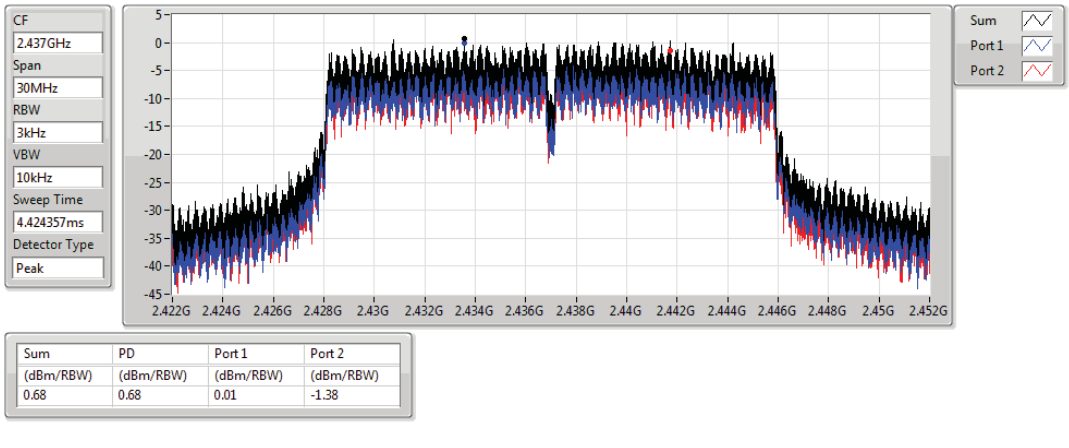
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-2.87	-2.62

VHT20_Nss1,(MCS0)_2TX PSD

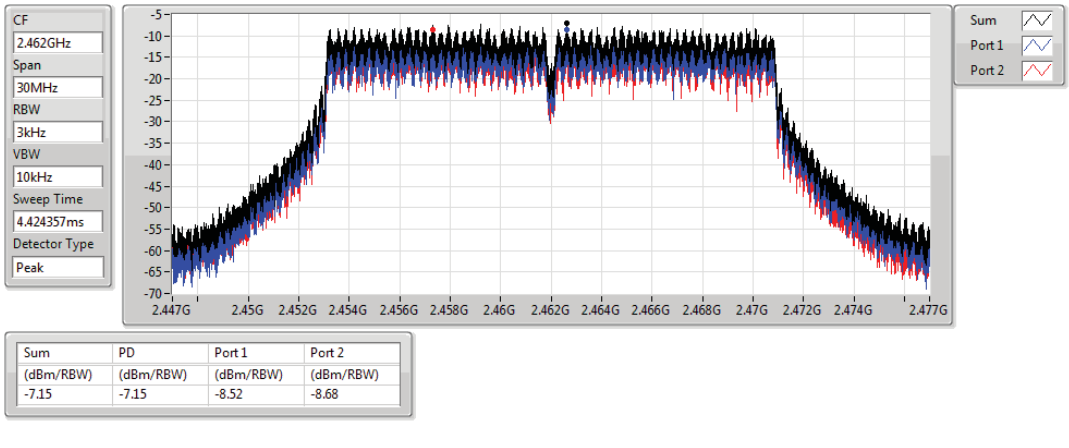
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.68	0.68	0.01	-1.38

VHT20_Nss1,(MCS0)_2TX PSD

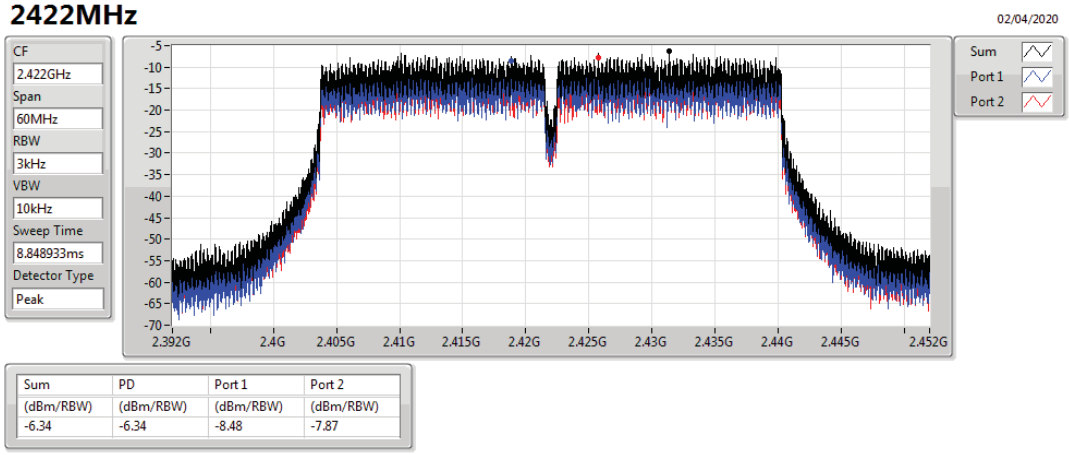
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.15	-7.15	-8.52	-8.68

VHT40_Nss1,(MCS0)_2TX **PSD**

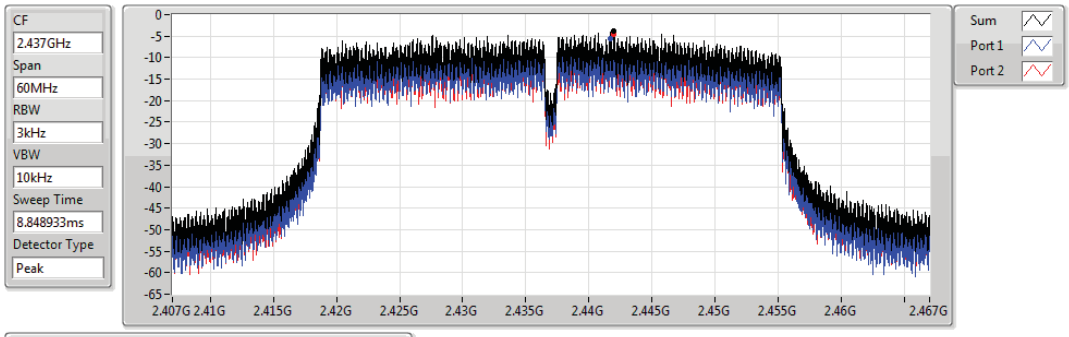
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.34	-6.34	-8.48	-7.87

VHT40_Nss1,(MCS0)_2TX **PSD**

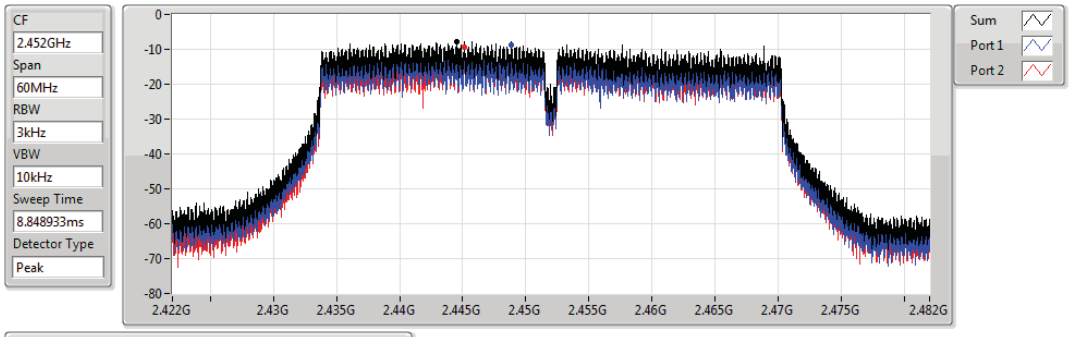
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.74	-3.74	-5.56	-4.55

VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-8.75	-9.34

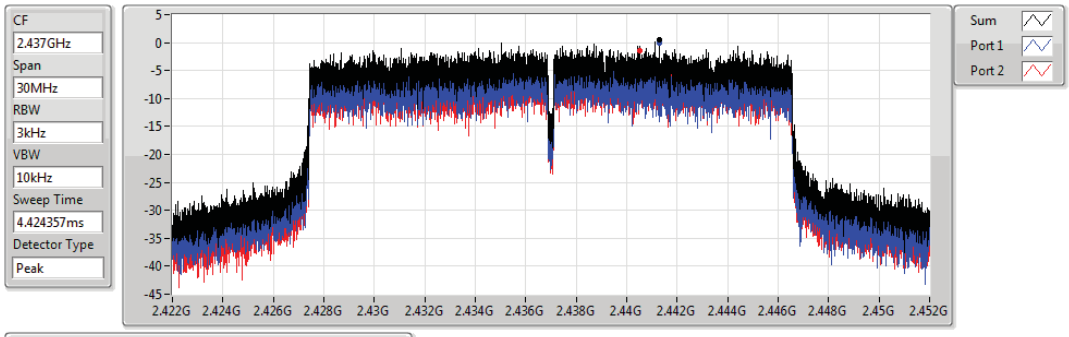
802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2412MHz

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.48	-1.48	-2.66	-3.90

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

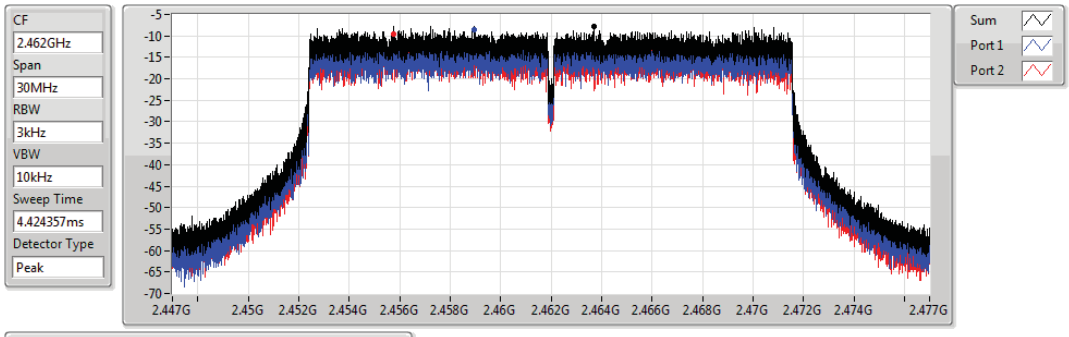
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.56	0.56	0.01	-1.48

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

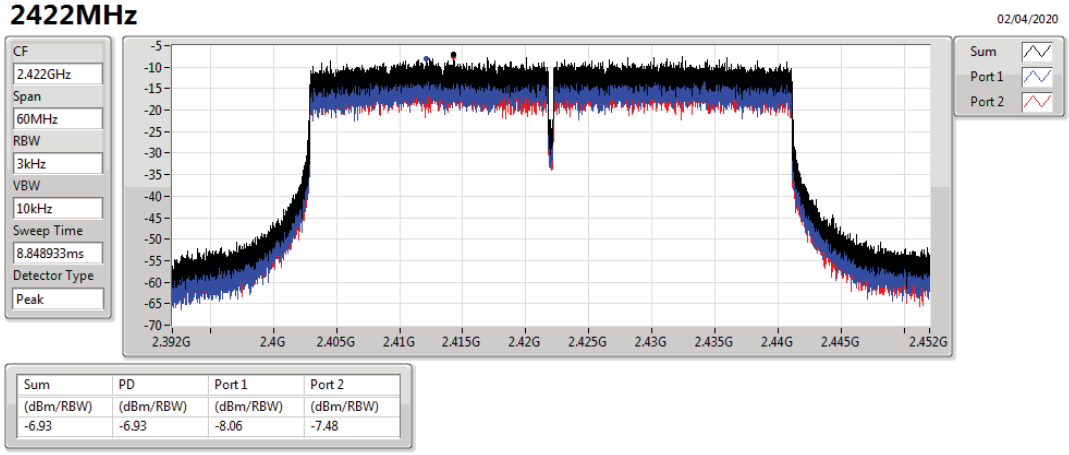
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-8.58	-9.47

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

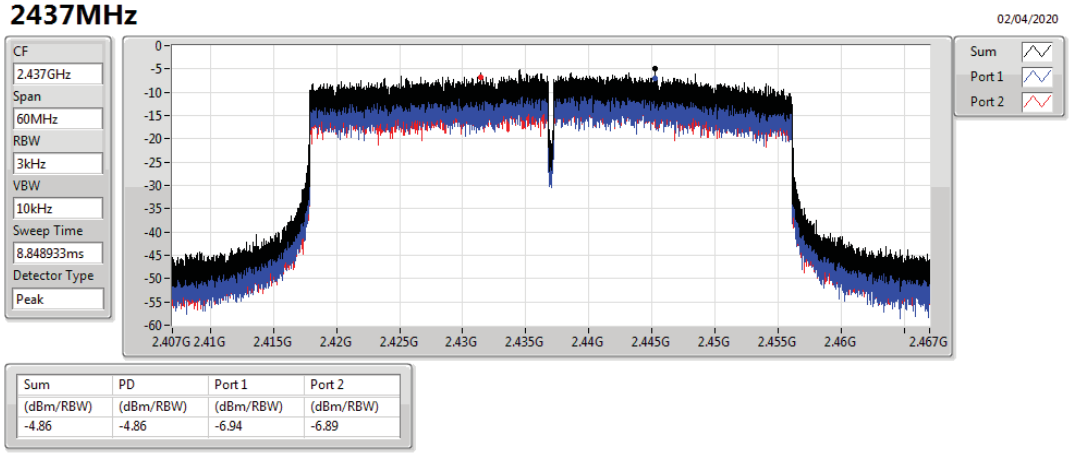
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.93	-6.93	-8.06	-7.48

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

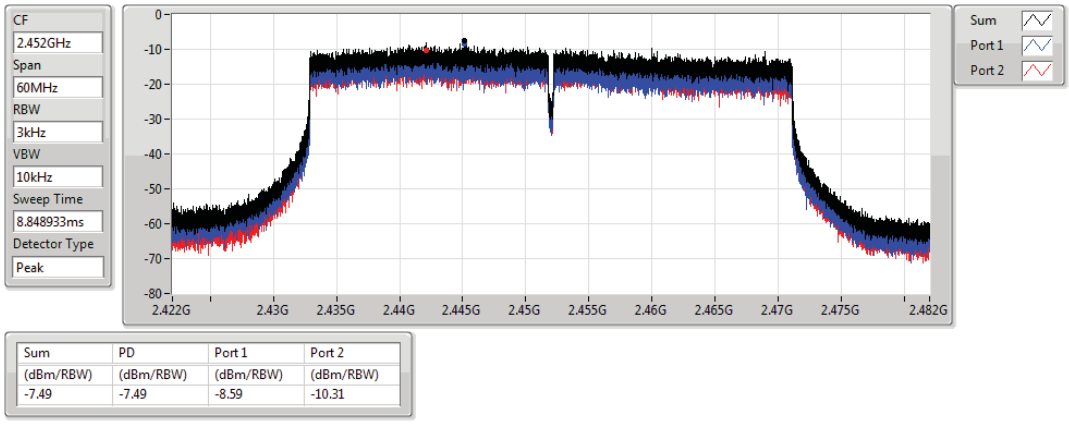
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.86	-4.86	-6.94	-6.89

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.49	-7.49	-8.59	-10.31

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.83
802.11g_Nss1,(6Mbps)_2TX	-4.97
VHT20_Nss1,(MCS0)_2TX	-4.18
VHT40_Nss1,(MCS0)_2TX	-10.24

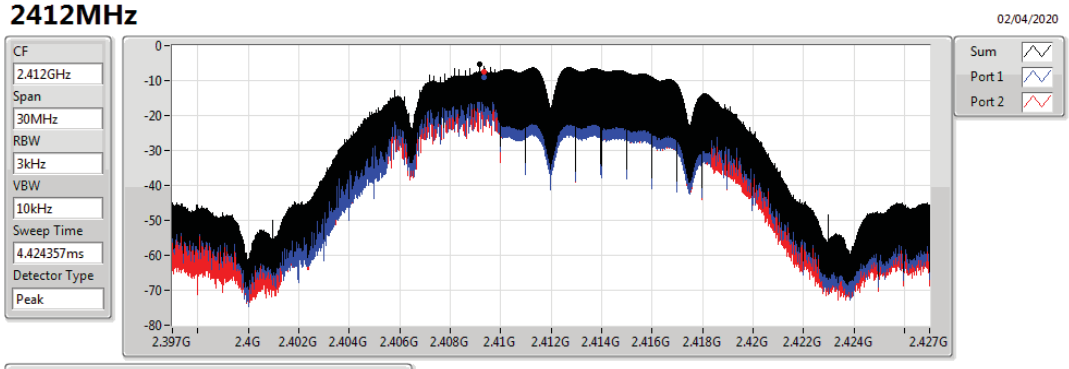
Result

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_TnomVnom	Pass	7.87	-9.10	-7.57	-5.46	6.13
2437MHz_TnomVnom	Pass	7.87	-4.43	-5.26	-3.83	6.13
2462MHz_TnomVnom	Pass	7.87	-10.28	-6.91	-6.00	6.13
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.87	-10.75	-10.55	-8.38	6.13
2437MHz_TnomVnom	Pass	7.87	-7.43	-6.59	-4.97	6.13
2462MHz_TnomVnom	Pass	7.87	-10.32	-10.23	-8.49	6.13
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.87	-9.08	-9.34	-7.69	6.13
2437MHz_TnomVnom	Pass	7.87	-7.24	-5.33	-4.18	6.13
2462MHz_TnomVnom	Pass	7.87	-9.81	-10.71	-8.08	6.13
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.87	-16.22	-15.73	-13.31	6.13
2437MHz_TnomVnom	Pass	7.87	-12.97	-11.67	-10.24	6.13
2452MHz_TnomVnom	Pass	7.87	-16.80	-14.50	-12.74	6.13

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**

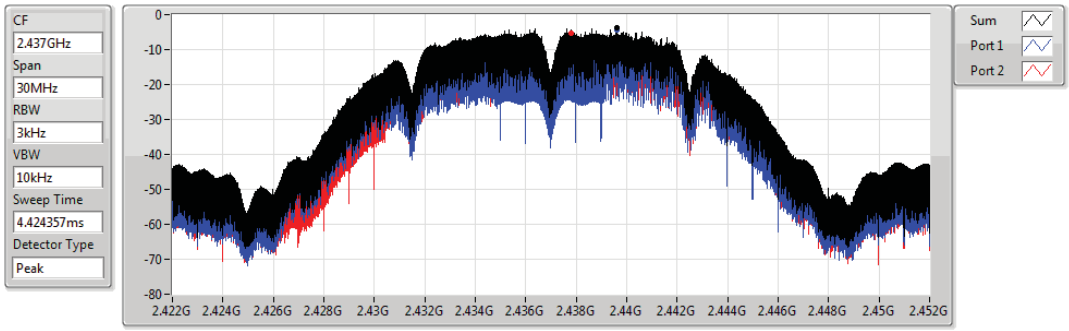
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.46	-5.46	-9.10	-7.57

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

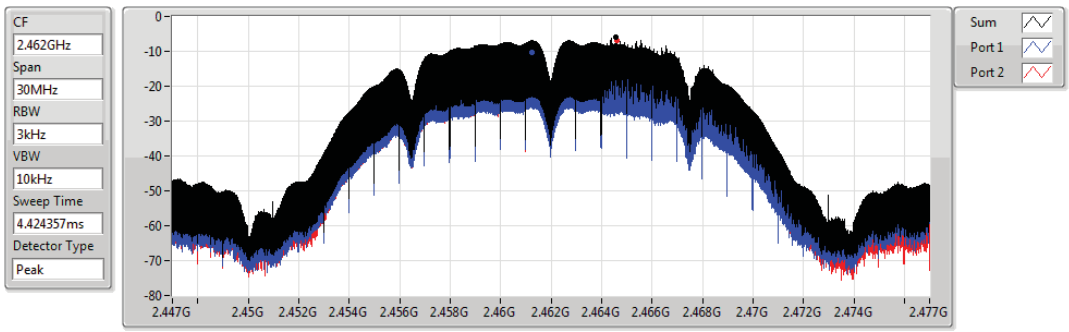
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.83	-3.83	-4.43	-5.26

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

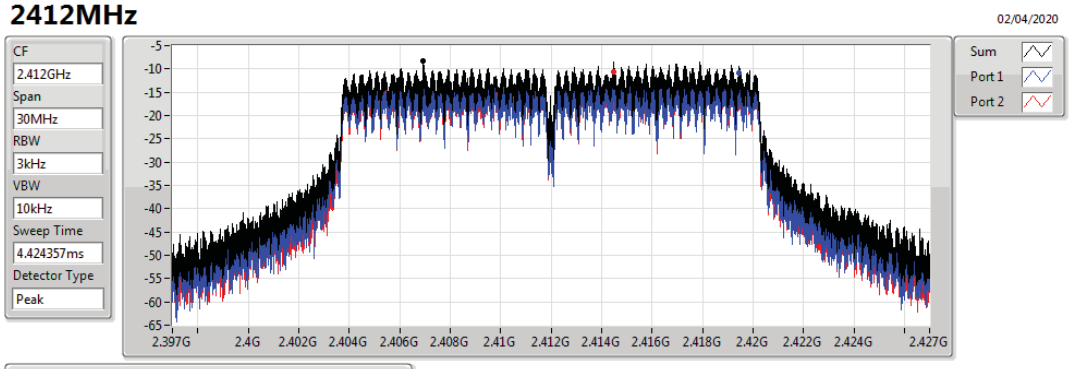
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.00	-6.00	-10.28	-6.91

802.11g_Nss1,(6Mbps)_2TX PSD

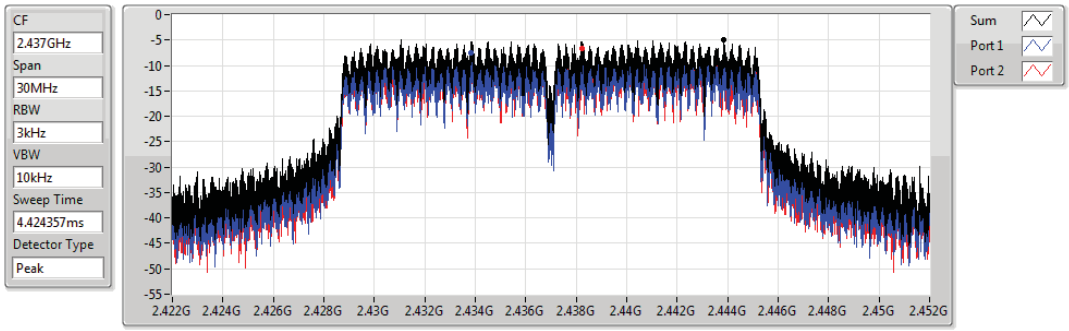
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.38	-8.38	-10.75	-10.55

802.11g_Nss1,(6Mbps)_2TX PSD

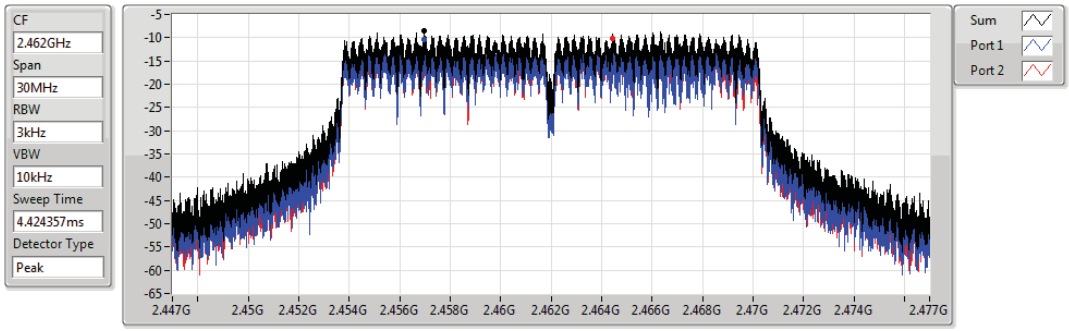
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.97	-4.97	-7.43	-6.59

802.11g_Nss1,(6Mbps)_2TX PSD

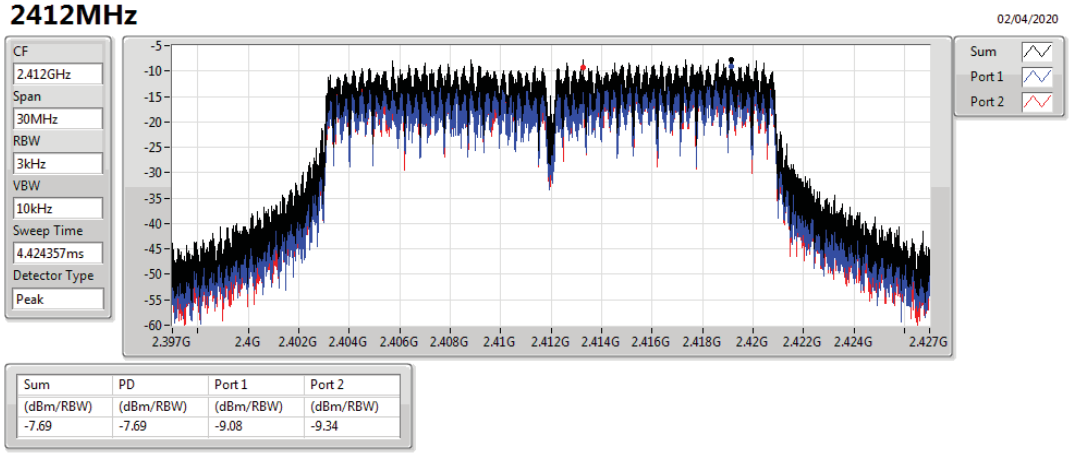
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.49	-8.49	-10.32	-10.23

VHT20_Nss1,(MCS0)_2TX **PSD**

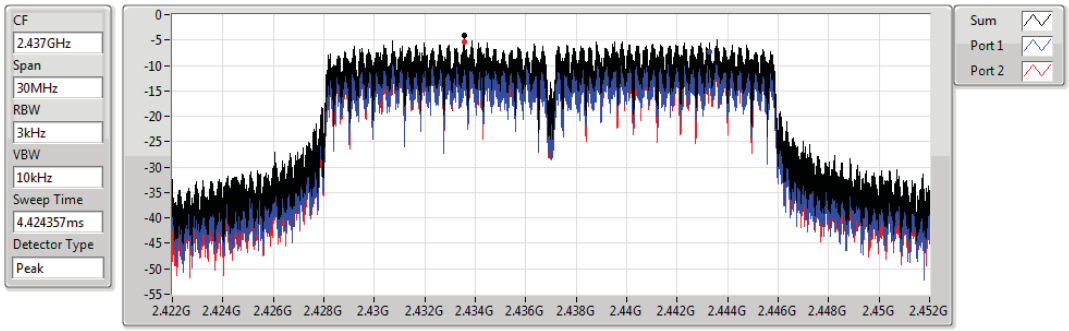
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.69	-7.69	-9.08	-9.34

VHT20_Nss1,(MCS0)_2TX **PSD**

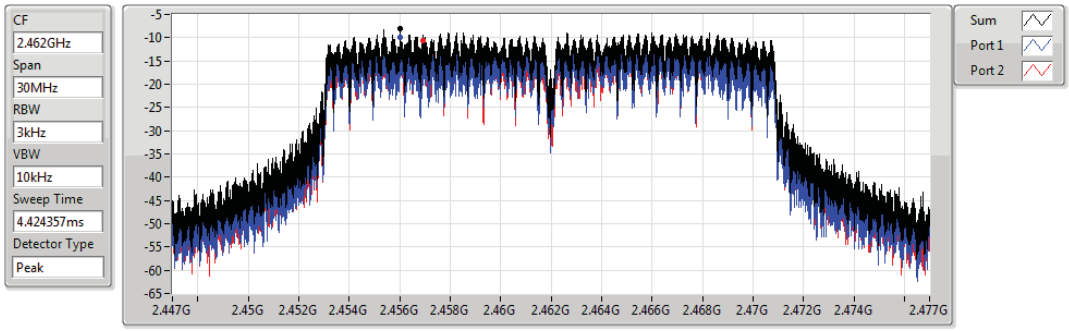
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.18	-4.18	-7.24	-5.33

VHT20_Nss1,(MCS0)_2TX **PSD**

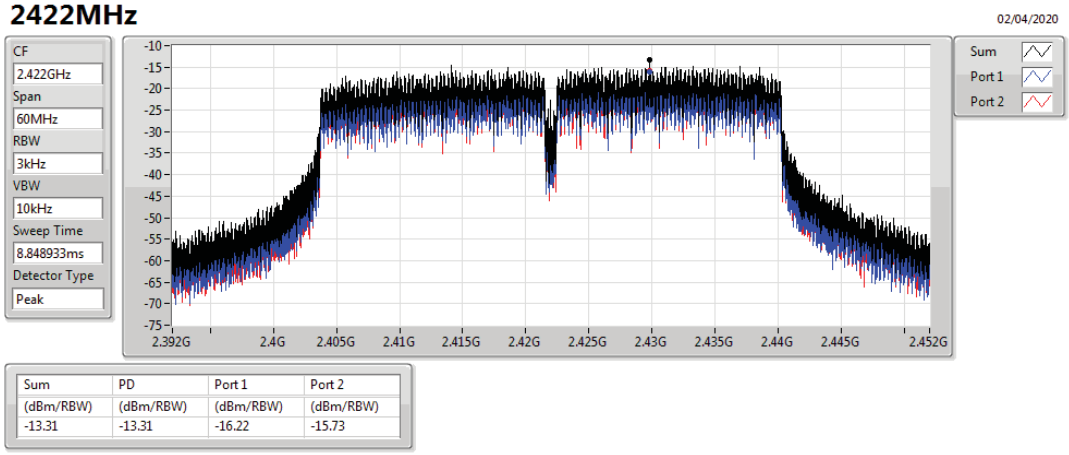
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.08	-8.08	-9.81	-10.71

VHT40_Nss1,(MCS0)_2TX PSD

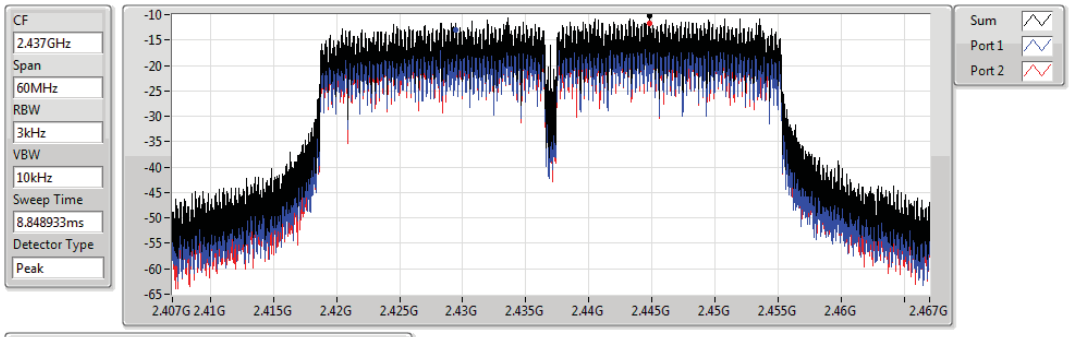
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.31	-13.31	-16.22	-15.73

VHT40_Nss1,(MCS0)_2TX PSD

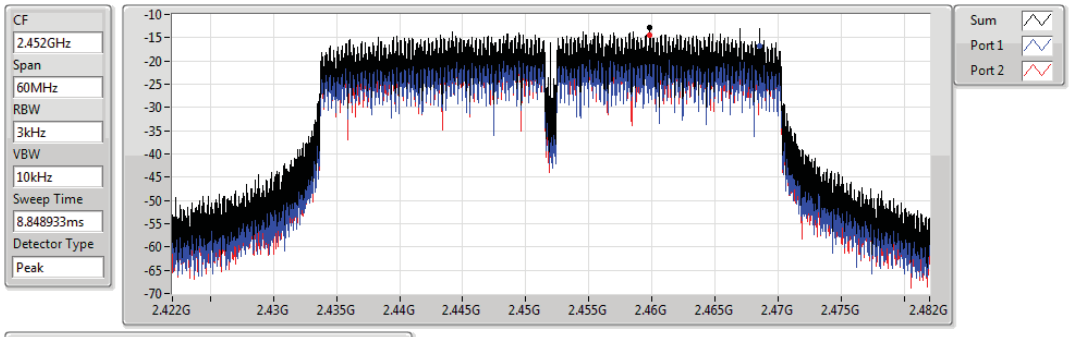
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.24	-10.24	-12.97	-11.67

VHT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.74	-12.74	-16.80	-14.50

Summary

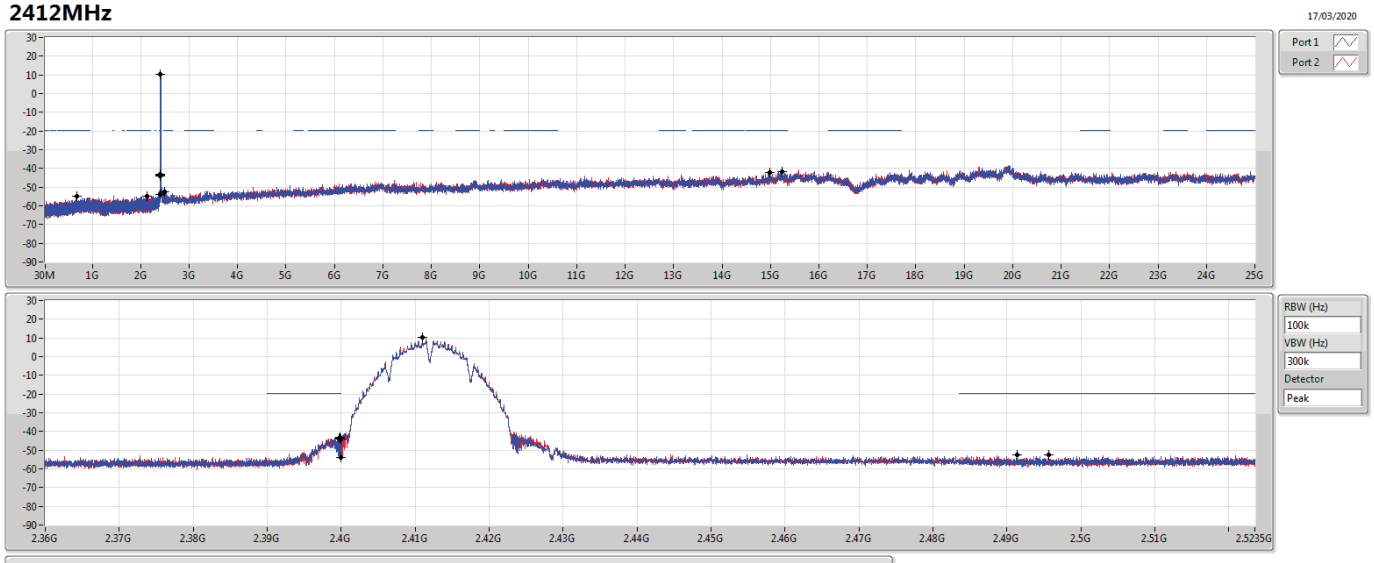
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.41098G	10.16	-19.84	686.48M	-54.77	2.39986G	-43.17	2.4G	-43.87	2.49136G	-52.71	14.99234G	-41.97	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.442G	13.48	-16.52	2.12554G	-54.71	2.39886G	-21.23	2.4G	-23.39	2.4891G	-51.22	23.30864G	-41.81	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.43574G	12.69	-17.31	2.1602G	-54.79	2.39916G	-19.09	2.4G	-21.45	2.48408G	-51.78	24.55328G	-40.44	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.41695G	7.97	-22.03	2.1514G	-54.02	2.39984G	-27.72	2.4G	-29.85	2.48702G	-43.76	23.41262G	-41.05	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.4395G	12.64	-17.36	897.93M	-54.36	2.3999G	-18.30	2.4G	-19.77	2.48406G	-50.83	17.5968G	-41.39	2
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.44196G	9.72	-20.28	2.17859G	-53.40	2.39976G	-26.41	2.4G	-27.55	2.48702G	-43.64	23.27519G	-41.03	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	2.41098G	10.16	-19.84	2.1305G	-54.96	2.3997G	-43.49	2.4G	-53.99	2.4956G	-52.32	15.2452G	-41.51	1
2412MHz	Pass	2.41098G	10.16	-19.84	686.48M	-54.77	2.39986G	-43.17	2.4G	-43.87	2.49136G	-52.71	14.99234G	-41.97	2
2437MHz	Pass	2.41098G	10.16	-19.84	2.13079G	-55.45	2.396G	-53.22	2.4G	-55.58	2.48904G	-52.24	23.39855G	-41.66	1
2437MHz	Pass	2.41098G	10.16	-19.84	947.44M	-54.65	2.39878G	-53.41	2.4G	-54.78	2.4898G	-52.99	24.27232G	-41.61	2
2462MHz	Pass	2.41098G	10.16	-19.84	2.02477G	-54.54	2.39784G	-53.53	2.4835G	-55.77	2.48724G	-51.60	23.36483G	-40.71	1
2462MHz	Pass	2.41098G	10.16	-19.84	2.30787G	-54.80	2.39662G	-53.04	2.4G	-56.21	2.50486G	-52.65	16.28193G	-41.88	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.48	-16.52	2.18088G	-54.39	2.3995G	-23.89	2.4G	-25.61	2.48712G	-52.00	23.54465G	-41.67	1
2412MHz	Pass	2.442G	13.48	-16.52	2.12554G	-54.71	2.39886G	-21.23	2.4G	-23.39	2.4891G	-51.22	23.30864G	-41.81	2
2437MHz	Pass	2.442G	13.48	-16.52	2.10079G	-54.84	2.39928G	-49.84	2.4G	-51.65	2.4854G	-50.44	23.34236G	-41.09	1
2437MHz	Pass	2.442G	13.48	-16.52	2.30554G	-54.30	2.39964G	-50.42	2.4G	-52.81	2.48358G	-49.31	15.21991G	-41.41	2
2462MHz	Pass	2.442G	13.48	-16.52	2.3035G	-54.74	2.39776G	-51.60	2.4835G	-45.19	2.4845G	-41.96	16.20888G	-41.88	1
2462MHz	Pass	2.442G	13.48	-16.52	888.9M	-54.78	2.39962G	-50.92	2.4835G	-47.44	2.48356G	-44.48	23.22717G	-40.60	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	12.69	-17.31	1.94439G	-54.45	2.3999G	-20.15	2.4G	-23.08	2.4894G	-51.54	23.2665G	-41.97	1
2412MHz	Pass	2.43574G	12.69	-17.31	2.1602G	-54.79	2.39916G	-19.09	2.4G	-21.45	2.48408G	-51.78	24.55328G	-40.44	2
2437MHz	Pass	2.43574G	12.69	-17.31	2.14011G	-54.77	2.39908G	-49.18	2.4G	-49.32	2.48354G	-49.54	23.33674G	-41.38	1
2437MHz	Pass	2.43574G	12.69	-17.31	2.00904G	-53.64	2.3996G	-49.18	2.4835G	-51.03	2.4868G	-49.88	16.23697G	-41.75	2
2462MHz	Pass	2.43574G	12.69	-17.31	885.11M	-54.17	2.39702G	-49.62	2.4835G	-43.18	2.4851G	-41.41	24.98876G	-41.22	1
2462MHz	Pass	2.43574G	12.69	-17.31	2.07982G	-53.54	2.39682G	-50.46	2.4835G	-44.02	2.48422G	-42.09	24.8539G	-41.99	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41695G	7.97	-22.03	2.3034G	-54.39	2.39928G	-30.67	2.4G	-31.07	2.48826G	-47.29	17.60717G	-41.80	1
2422MHz	Pass	2.41695G	7.97	-22.03	2.1514G	-54.02	2.39984G	-27.72	2.4G	-29.85	2.48702G	-43.76	23.41262G	-41.05	2
2437MHz	Pass	2.44071G	8.93	-21.07	1.98051G	-54.30	2.39956G	-32.74	2.4G	-38.82	2.48362G	-42.14	23.30324G	-40.78	1
2437MHz	Pass	2.44071G	8.93	-21.07	1.99511G	-54.29	2.39976G	-35.21	2.4G	-36.51	2.4835G	-41.61	17.66887G	-41.77	2
2452MHz	Pass	2.44071G	8.93	-21.07	846.39M	-54.89	2.39676G	-48.76	2.4835G	-45.70	2.48574G	-39.51	23.54724G	-41.12	1
2452MHz	Pass	2.44071G	8.93	-21.07	957.16M	-54.76	2.39896G	-46.68	2.4835G	-45.84	2.48826G	-38.59	17.51462G	-41.62	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4395G	12.64	-17.36	635.22M	-54.96	2.3995G	-19.55	2.4G	-20.10	2.51698G	-51.86	24.52237G	-41.69	1
2412MHz	Pass	2.4395G	12.64	-17.36	897.93M	-54.36	2.3999G	-18.30	2.4G	-19.77	2.48406G	-50.83	17.5968G	-41.39	2
2437MHz	Pass	2.4395G	12.64	-17.36	2.30641G	-54.70	2.39938G	-47.06	2.4G	-49.62	2.48544G	-49.91	16.20888G	-41.58	1
2437MHz	Pass	2.4395G	12.64	-17.36	2.15671G	-53.85	2.39994G	-48.81	2.4835G	-50.16	2.48392G	-49.00	23.30864G	-41.33	2
2462MHz	Pass	2.4395G	12.64	-17.36	1.73673G	-51.16	2.39994G	-49.85	2.4835G	-40.36	2.48556G	-39.29	17.61928G	-41.14	1
2462MHz	Pass	2.4395G	12.64	-17.36	1.98516G	-54.45	2.39662G	-51.55	2.4835G	-44.28	2.4837G	-40.52	23.5615G	-41.27	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44196G	9.72	-20.28	2.16027G	-53.71	2.39992G	-28.65	2.4G	-29.95	2.4845G	-44.49	15.18964G	-41.22	1
2422MHz	Pass	2.44196G	9.72	-20.28	2.17859G	-53.40	2.39976G	-26.41	2.4G	-27.55	2.48702G	-43.64	23.27519G	-41.03	2
2437MHz	Pass	2.44196G	9.72	-20.28	776.25M	-54.57	2.39988G	-32.71	2.4G	-36.19	2.4839G	-40.98	23.278G	-39.42	1
2437MHz	Pass	2.44196G	9.72	-20.28	851.82M	-54.32	2.39936G	-32.33	2.4G	-36.02	2.48402G	-38.57	23.42103G	-40.84	2
2452MHz	Pass	2.44196G	9.72	-20.28	1.98022G	-53.62	2.39964G	-47.79	2.4835G	-46.40	2.48954G	-42.53	23.22752G	-40.96	1
2452MHz	Pass	2.44196G	9.72	-20.28	857.84M	-54.65	2.39968G	-45.77	2.4835G	-41.26	2.48818G	-40.39	24.91867G	-41.03	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

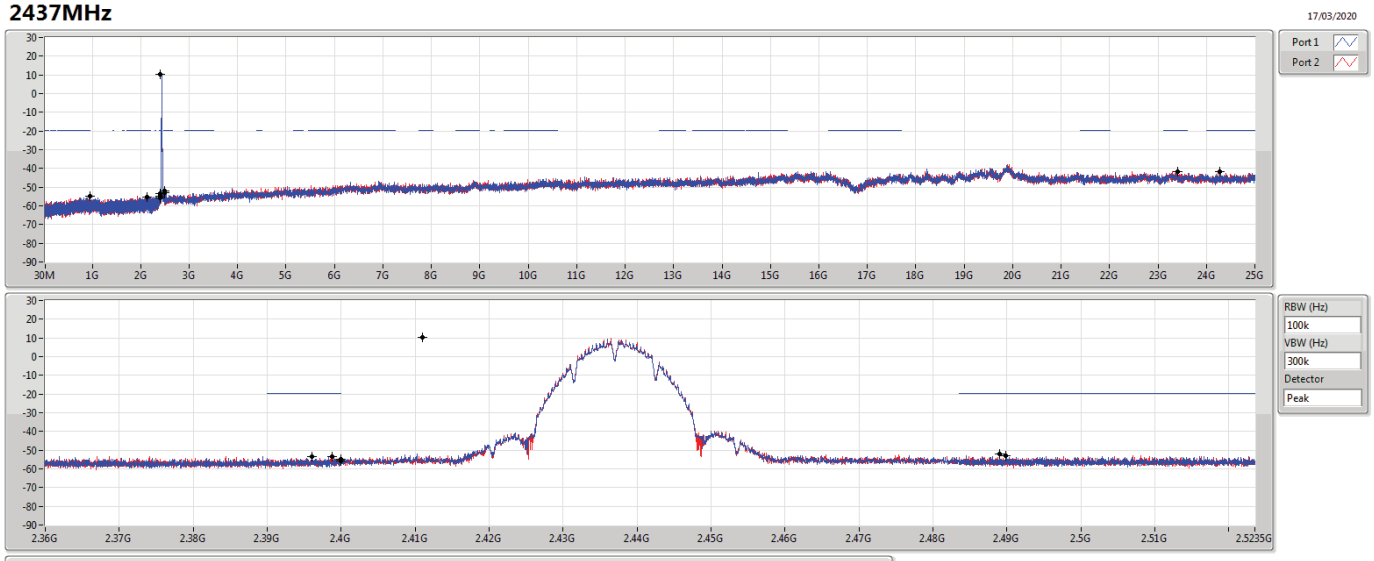
2412MHz



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
2.41098G	10.16	-19.84	2.1305G	-54.96	2.3997G	-43.49	2.4G	-53.99	2.4956G	-52.32	15.2452G	-41.51	1
2.41098G	10.16	-19.84	686.48M	-54.77	2.39986G	-43.17	2.4G	-43.87	2.49136G	-52.71	14.99234G	-41.97	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

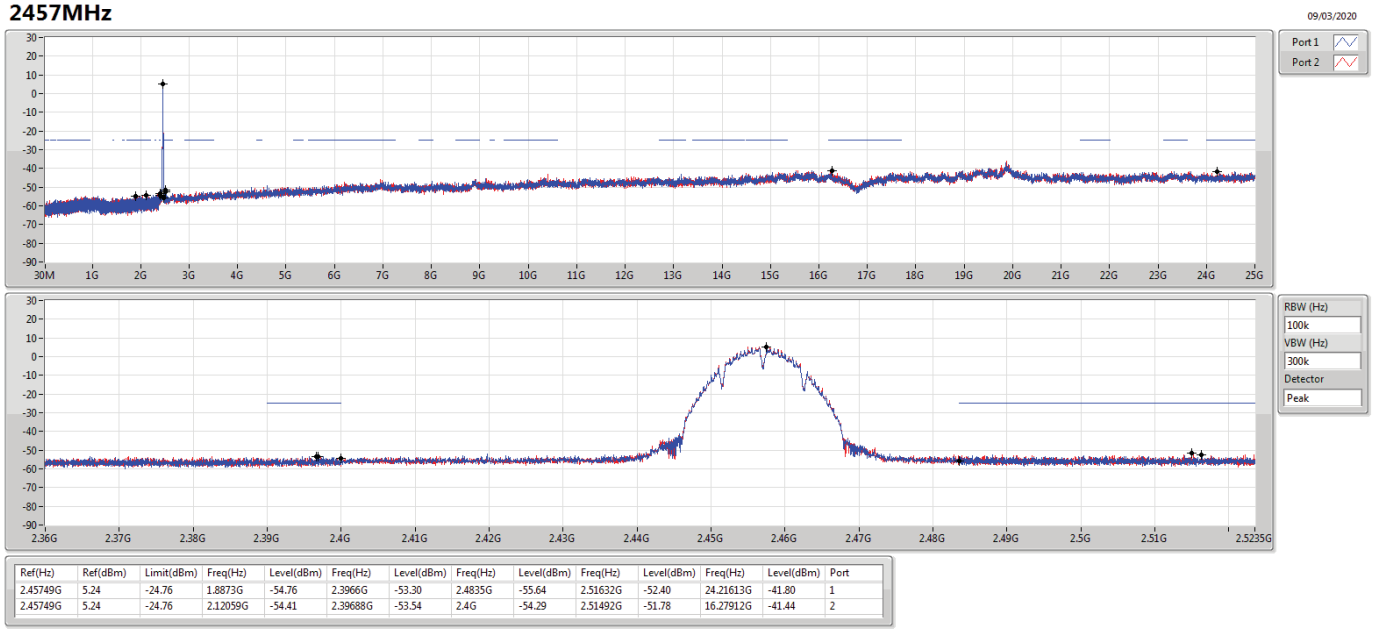
2437MHz



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
2.41098G	10.16	-19.84	2.13079G	-55.45	2.396G	-53.22	2.4G	-55.58	2.48904G	-52.24	23.39855G	-41.66	1
2.41098G	10.16	-19.84	947.44M	-54.65	2.39878G	-53.41	2.4G	-54.78	2.4898G	-52.99	24.27232G	-41.61	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

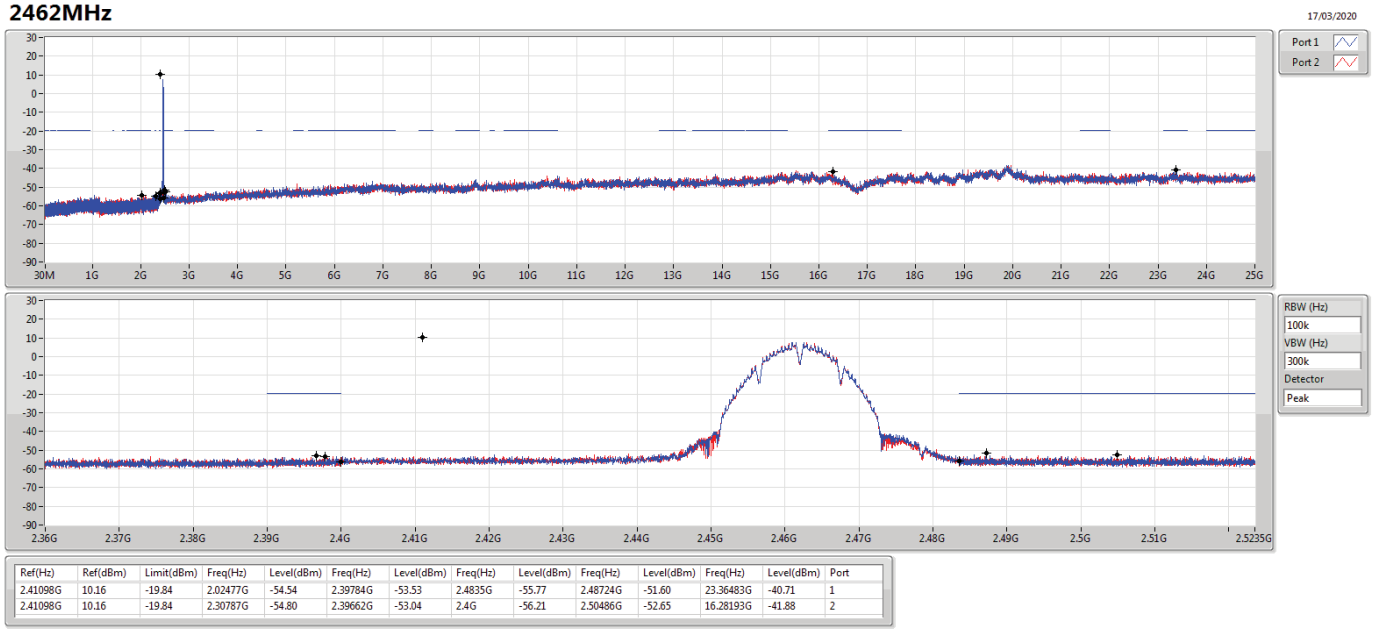
2457MHz



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
2.45749G	5.24	-24.76	1.8873G	-54.76	2.3966G	-53.30	2.4835G	-55.64	2.51632G	-52.40	24.21613G	-41.80	1
2.45749G	5.24	-24.76	2.12059G	-54.41	2.39688G	-53.54	2.4G	-54.29	2.51492G	-51.78	16.27912G	-41.44	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

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
2.41098G	10.16	-19.84	2.02477G	-54.54	2.39784G	-53.53	2.4835G	-55.77	2.48724G	-51.60	23.36483G	-40.71	1
2.41098G	10.16	-19.84	2.30787G	-54.80	2.39662G	-53.04	2.4G	-56.21	2.50486G	-52.65	16.28193G	-41.88	2