Testing Laboratory 3785

FCC Radio Test Report

FCC ID	:	UDX-600100011
Equipment	:	Wi-Fi 6 Outdoor Access Point
Brand Name	:	CISCO
Model Name	:	MR76-HW
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Jul. 25, 2019, and testing was started from Aug. 05, 2019 and completed on Nov. 30, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

Report No.	Version	Description	Issued Date
FR972312-12AC	01	Initial issue of report	Mar. 21, 2023

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	-

Note 1: From Sporton Project No.: FR972312AC

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Barry Hsiao

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

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

Group 1/2/3/4

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

Scanning Radio

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	1TX
2.4-2.4835GHz	VHT20	20	1TX
2.4-2.4835GHz	VHT40	40	1TX

Group 1/2/3/4 (Beamforming)

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

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

1.1.2 Antenna Information

Group	Ant. No.		Brand	Model Name	Antenna Type	Connector
1	20	1	Grand-Tek	MA-ANT-20	Omni	N-Type
		2	Grand-Tek	MA-ANT-20	Omni	N-Type
		3	Grand-Tek	MA-ANT-20	Omni	N-Type
		4	Grand-Tek	MA-ANT-20	Omni	N-Type
2	21+23	1	Grand-Tek	MA-ANT-23	Sector	N-Type
		2	Grand-Tek	MA-ANT-23	Sector	N-Type
		3	Grand-Tek	MA-ANT-21	Sector	N-Type
		4	Grand-Tek	MA-ANT-21	Sector	N-Type
3	25	1	Grand-Tek	MA-ANT-25	Sector	N-Type
		2	Grand-Tek	MA-ANT-25	Sector	N-Type
		3	Grand-Tek	MA-ANT-25	Sector	N-Type
		4	Grand-Tek	MA-ANT-25	Sector	N-Type
4	27	1	Grand-Tek	MA-ANT-27	Sector	N-Type
		2	Grand-Tek	MA-ANT-27	Sector	N-Type
		3	Grand-Tek	MA-ANT-27	Sector	N-Type
		4	Grand-Tek	MA-ANT-27	Sector	N-Type
-	-	5	Senao	MR76	PIFA	I-PEX
-	-	6	Senao	MR76	PIFA	I-PEX

Group	Ant. No.		Gain (dBi)			Elevation angle above 30 degrees Gain (dBi)	Remark
			2.4G	5G	BT		
1	20	1	4	-	-	-	Radio 1
		2	4	-	-	-	Radio 1
		3	-	7	-	-1	Radio 2
		4	-	7	-	-1	Radio 2
2	21+23	1	11	-	-	-	Radio 1
		2	11	-	-	-	Radio 1
		3	-	13	-	11.2	Radio 2
		4	-	13	-	11.2	Radio 2
3	25	1	8.1	-	-	-	Radio 1
		2	8.1	-	-	-	Radio 1
		3	-	7.1	-	1.8	Radio 2
		4	-	7.1	-	1.8	Radio 2
4	27	1	9.8	-	-	-	Radio 1
		2	9.8	-	-	-	Radio 1
		3	-	11.3	-	9.7	Radio 2
		4	-	11.3	-	9.7	Radio 2
-	-	5	4.6	5.9	-	5.2	Radio 3 (Scanning Radio)
-	-	6	-	-	4.7	-	Radio 4 (BT LE)

Note 1: The EUT has six antennas.

Note 2: The antenna mentioned above group 1~4 will not be sold with the EUT in the market.

For 2.4GHz function:

<Radio 1>

For IEEE 802.11 b/g/n/ac/ax mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was recorded in this test report.

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

Ant. 1 and Ant. 2 could transmit/receive simultaneously.

<Radio 3>

For IEEE 802.11 b/g/n/ac mode (1TX/1RX)

Ant. 5 could transmit/receive simultaneously.

For 5GHz function:

<Radio 2>

For IEEE 802.11 a/an/ac/ax mode (1TX/1RX)

Support diversity function and pre-tested on each single chain, the worst case was recorded in this test report.

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

Ant. 3 and Ant. 4 could transmit/receive simultaneously.

<Radio 3>

For IEEE 802.11 a/an/ac mode (1TX/1RX)

Ant. 5 could transmit/receive simultaneously.
For BT function:
<Radio 4>
For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 6 could transmit/receive simultaneously.

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Group 1/2/3/4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.567	2.46	693.75u	3k
802.11g	0.941	0.26	1.978m	1k
VHT20	0.956	0.2	5.431m	300
VHT40	0.955	0.2	5.431m	300
802.11ax HEW20	0.959	0.18	5.45m	300
802.11ax HEW40	0.956	0.2	5.45m	300

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

Scanning Radio

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.965	0.15	2.069m	1k
VHT20	0.962	0.17	1.937m	1k
VHT40	0.921	0.36	952.5u	3k

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

Group 1/2/3/4 (Beamforming)

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.911	0.4	1.76m	1k
802.11ax HEW40-BF	0.86	0.66	1.759m	1k
VHT20-BF	0.923	0.35	1.759m	1k
VHT40-BF	0.904	0.44	1.759m	1k

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

1.1.5 Table for Multiple Listing

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

Sample	Description
SKU1: Screened C-temp	All the Samples are identical, the difference samples for difference NAND, DDR, Security chip.
SKU2: unscreened C-temp	

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

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward	25.2~26.9°C / 60.1~63.3%	15/Aug/2019
AC Conduction (Beamforming)	CO04-HY	Edward	25.5~26.2°C / 60.3~62.2%	08/Oct/2019
RF Conducted	TH01-HY	Andy	22.5~25.9°C / 59.5~66.8%	10/Aug/2019~14/Sep/2019
RF Conducted	TH07-HY	Xie	23.1~25.6°C / 55~59%	15/Nov/2022~23/Nov/2022
Radiated	03CH02-HY	Edward	23.5~24.3°C / 55~61%	05/Aug/2019~08/Oct/2019
Radiated	03CH03-HY	Terry	24.8~25.2°C / 51~55%	05/Aug/2019~08/Oct/2019
Radiated	03CH02-HY	Jack	22.5~23.2°C / 54~60%	09/Nov/2022
Radiated (Co-location)	03CH02-HY	Jack	21.5~22.3°C / 57~61%	30/Nov/2022
☒ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785)	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH09-HY	Justin	24.2~26.2°C / 48~53%	05/Aug/2019~08/Oct/2019

Note 1: Laboratory number TAF 3785 is a spin-off from the original Laboratory number TAF 1190.
Note 2: The tested sample of the verified test item was received on Oct. 25, 2022.

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 date: 05/Aug/2019~08/Oct/2019

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

Test date: 09/Nov/2022~30/Nov/2022

Test Items	Uncertainty	Remark
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 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 Channel Mode

Test Software Version	QRCT V4.0 00123 and QRCT V3.0 0297 QDART_WIN_4_8_Installer_00065_1

Group 1

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	21.5
2417MHz	22
2437MHz	23.5
2457MHz	22
2462MHz	21
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2417MHz	22
2437MHz	23.5
2457MHz	22
2462MHz	21
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	17.5
2417MHz	18.5
2437MHz	22
2457MHz	18
2462MHz	17.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15.5
2417MHz	16
2437MHz	20.5
2457MHz	16.5
2462MHz	15.5
VHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	17
2417MHz	18
2437MHz	21
2457MHz	17.5
2462MHz	17
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	15.5
2417MHz	16
2437MHz	20.5
2457MHz	16.5

Mode	Power Setting
2462MHz	15.5
VHT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	17
2437MHz	17
2447MHz	17
2452MHz	16
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	15.5
2427MHz	16
2437MHz	16.5
2447MHz	16
2452MHz	15.5
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	17
2417MHz	18
2437MHz	21
2457MHz	17.5
2462MHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	15.5
2417MHz	16
2437MHz	20.5
2457MHz	16.5
2462MHz	15.5
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	17
2437MHz	17
2447MHz	17
2452MHz	16
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15.5
2427MHz	16
2437MHz	16.5
2447MHz	16
2452MHz	15.5

Group 2

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	20.5
2417MHz	20.5
2437MHz	22
2457MHz	21
2462MHz	20.5
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2417MHz	21.5
2437MHz	21
2457MHz	20.5
2462MHz	20.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	15
2417MHz	16
2437MHz	19
2457MHz	16
2462MHz	15
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15
2417MHz	16
2437MHz	18
2457MHz	15.5
2462MHz	15
VHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	15.5
2417MHz	16
2437MHz	18
2457MHz	16
2462MHz	15
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	14
2417MHz	15.5
2437MHz	18
2457MHz	15
2462MHz	14.5

Mode	Power Setting
VHT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	15
2427MHz	15.5
2437MHz	16
2447MHz	15
2452MHz	14.5
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	15
2437MHz	15.5
2447MHz	14.5
2452MHz	14
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	15.5
2417MHz	16
2437MHz	18
2457MHz	16
2462MHz	15
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	14
2417MHz	15.5
2437MHz	18
2457MHz	15
2462MHz	14.5
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	15
2427MHz	15.5
2437MHz	16
2447MHz	15
2452MHz	16
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	15
2437MHz	15.5
2447MHz	14.5
2452MHz	14

Group 3

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	21.5
2417MHz	22.5
2437MHz	23
2457MHz	20.5
2462MHz	19.5
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2417MHz	21.5
2437MHz	23
2457MHz	20
2462MHz	19.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	15.5
2417MHz	16.5
2437MHz	20
2457MHz	16
2462MHz	15.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15.5
2417MHz	16
2437MHz	20.5
2457MHz	15.5
2462MHz	15
VHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	16.5
2417MHz	17.5
2437MHz	20
2457MHz	16
2462MHz	14.5
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	16.5
2437MHz	18.5
2457MHz	15.5
2462MHz	14

Mode	Power Setting
VHT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	16.5
2437MHz	17
2447MHz	15
2452MHz	14
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	16
2437MHz	16.5
2447MHz	14.5
2452MHz	13.5
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	16.5
2417MHz	17.5
2437MHz	20
2457MHz	16
2462MHz	14.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	16.5
2437MHz	18.5
2457MHz	15.5
2462MHz	14
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	16.5
2437MHz	17
2447MHz	15
2452MHz	14
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	16
2437MHz	16.5
2447MHz	14.5
2452MHz	13.5

Group 4

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX(Port2)	-
2412MHz	21.5
2417MHz	22.5
2437MHz	23
2457MHz	20.5
2462MHz	19.5
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21
2417MHz	21.5
2437MHz	23
2457MHz	20
2462MHz	19.5
802.11g_Nss1,(6Mbps)_1TX(Port2)	-
2412MHz	15.5
2417MHz	16.5
2437MHz	20
2457MHz	16
2462MHz	15.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	15.5
2417MHz	16
2437MHz	20.5
2457MHz	15.5
2462MHz	15
VHT20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	16.5
2417MHz	17.5
2437MHz	20
2457MHz	16
2462MHz	14.5
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	16.5
2437MHz	18.5
2457MHz	15.5
2462MHz	14

Mode	Power Setting
VHT40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	16.5
2437MHz	17
2447MHz	15
2452MHz	14
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	16
2437MHz	16.5
2447MHz	14.5
2452MHz	13.5
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-
2412MHz	16.5
2417MHz	17.5
2437MHz	20
2457MHz	16
2462MHz	14.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	16
2417MHz	16.5
2437MHz	18.5
2457MHz	15.5
2462MHz	14
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-
2422MHz	16.5
2427MHz	16.5
2437MHz	17
2447MHz	15
2452MHz	14
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	15
2427MHz	16
2437MHz	16.5
2447MHz	14.5
2452MHz	13.5

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Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	10
2417MHz	11
2437MHz	11
2457MHz	11
2462MHz	10.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	14
2417MHz	17.5
2437MHz	19.5
2457MHz	18
2462MHz	14.5
VHT20_Nss1,(MCS0)_1TX	-
2412MHz	13
2417MHz	17.5
2437MHz	19
2457MHz	18
2462MHz	14
VHT40_Nss1,(MCS0)_1TX	-
2422MHz	11.5
2427MHz	13.5
2437MHz	15.5
2447MHz	13
2452MHz	10

Group 1_Beamforming

Mode	Power Setting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	19
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	19
2437MHz	20
2447MHz	17
2452MHz	17
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	19
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	19
2437MHz	20
2447MHz	17
2452MHz	17

Group 2_Beamforming

Mode	Power Setting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	19
2437MHz	20
2457MHz	20
2462MHz	19
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	18
2447MHz	17
2452MHz	15
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	19
2437MHz	20
2457MHz	20
2462MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	18
2447MHz	17
2452MHz	15

Group 3_Beamforming

Mode	Power Setting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	19
2447MHz	17
2452MHz	16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	19
2447MHz	17
2452MHz	16

Group 4_Beamforming

Mode	Power Setting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	19
2447MHz	17
2452MHz	16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	17
2417MHz	20
2437MHz	20
2457MHz	20
2462MHz	19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	16
2427MHz	17
2437MHz	19
2447MHz	17
2452MHz	16

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+ WLAN 5GHz+ Scanning Radio WLAN 2.4GHz+Bluetooth
2	WLAN 2.4GHz+ WLAN 5GHz+ Scanning Radio WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA972312-12 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Mounting bracket	**Brand Name**	CISCO	**Model Name**	MR76-HW

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	PoE	PHIHONG	POEA30U-1ATE	N/A	Remote; Provided by Customer
2	Power Cable	CHING CHANG	N/A	N/A	Remote; Provided by Customer
3	LAN Cable	Power sync	CAT-6E-01	N/A	-

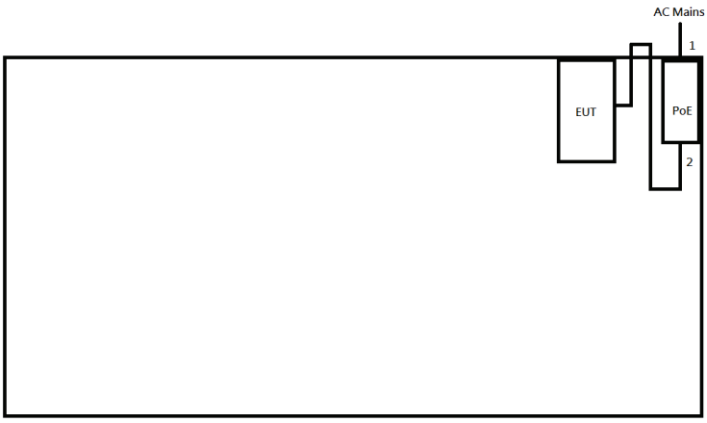
Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	DoC	-
2	Adapter for NB	DELL	HA65NM130	DoC	-
3	AC Power Source	G.W	APS-9102	N/A	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	LAN Cable	Power sync	CAT-6E-10	N/A	-
2	PoE	PHIHONG	POEA30U-1ATE	N/A	Remote
3	Power Cable	CHING CHANG	N/A	N/A	Remote; Provided by Customer
4	LAN Cable	Power sync	N/A	N/A	Remote

Support Equipment – Radiated above 1G (Scanning Radio)					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	LAN Cable	Power sync	CAT-6E-01	N/A	-
2	PoE	PHIHONG	POEA30U-1ATE	N/A	-
3	AC Power Cable*2	Power sync	PW-GPC180-3	N/A	-

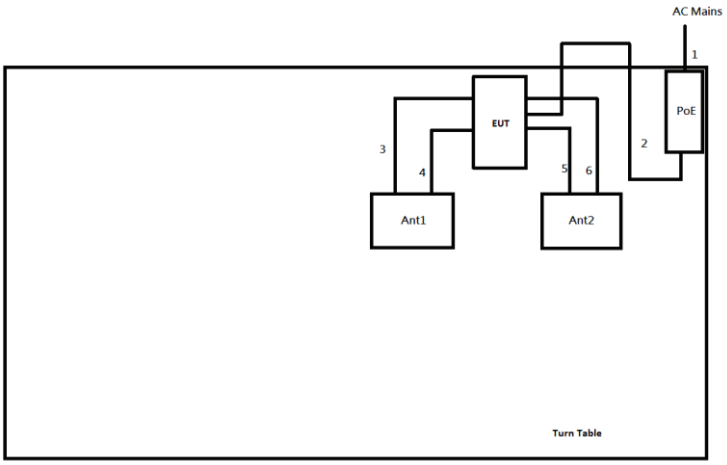
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Group 1/Scanning Radio)



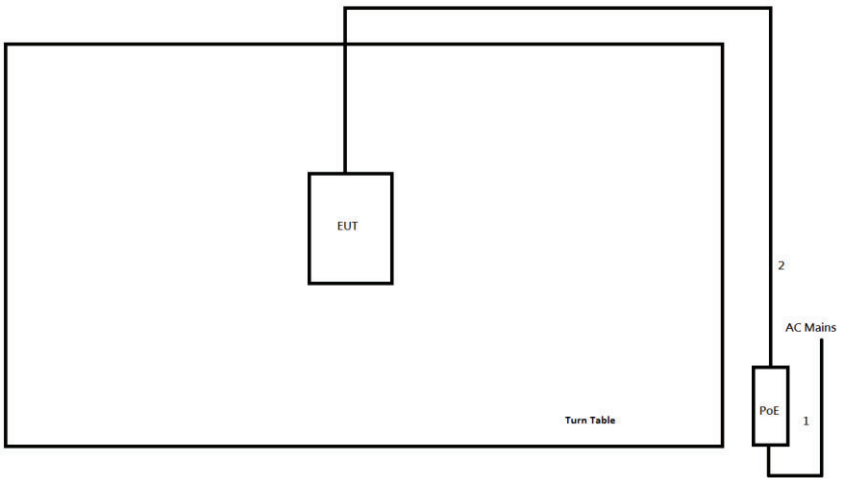
Item	Connection	Shielded	Length
1	Power Cable	No	1.8m
2	LAN Cable	No	1.0m

Test Setup Diagram – AC Line Conducted Emission Test (Group 2/3/4)



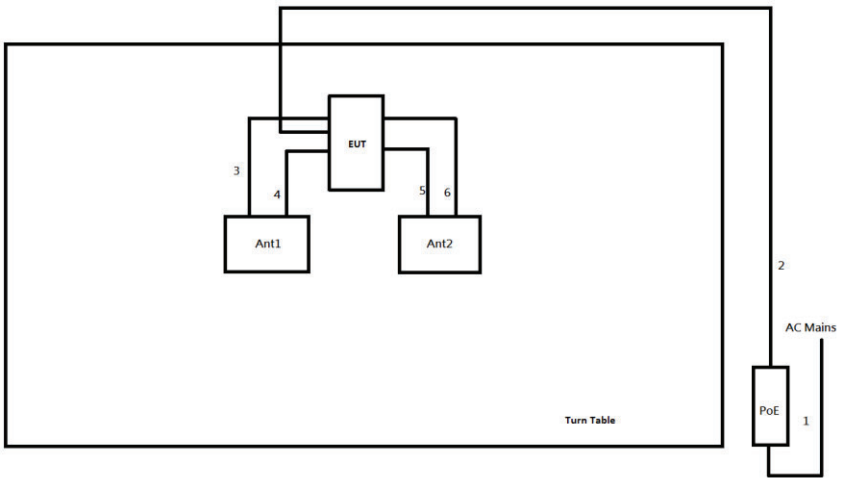
Item	Connection	Shielded	Length
1	Power Cable	No	1.8m
2	LAN Cable	No	1.0m
3	Antenna Cable	No	0.35 m
4	Antenna Cable	No	0.35 m
5	Antenna Cable	No	0.35 m
6	Antenna Cable	No	0.35 m

Test Setup Diagram - Radiated Test (Group 1/ Scanning Radio)



Item	Connection	Shielded	Length
1	Power Cable	No	1.8m
2	LAN Cable	No	10m

Test Setup Diagram - Radiated Test (Group 2/3/4)



Item	Connection	Shielded	Length
1	Power Cable	No	1.8m
2	LAN Cable	No	10m
3	Antenna Cable	No	0.35 m
4	Antenna Cable	No	0.35 m
5	Antenna Cable	No	0.35 m
6	Antenna Cable	No	0.35 m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

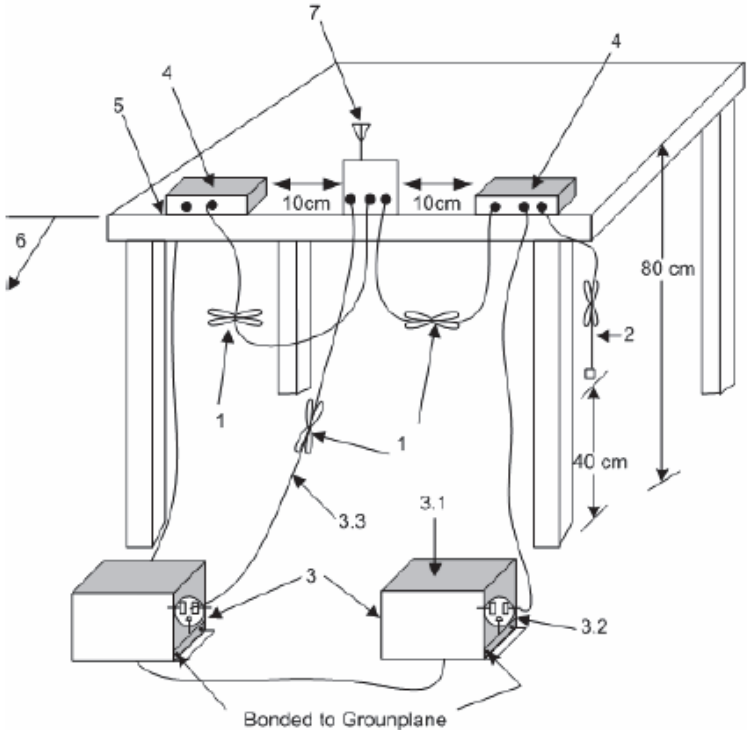
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

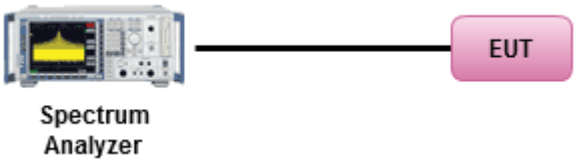
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer

3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

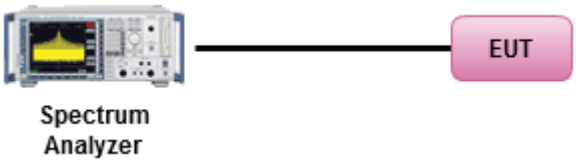
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

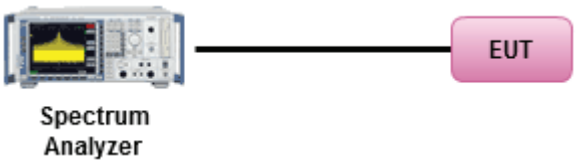
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

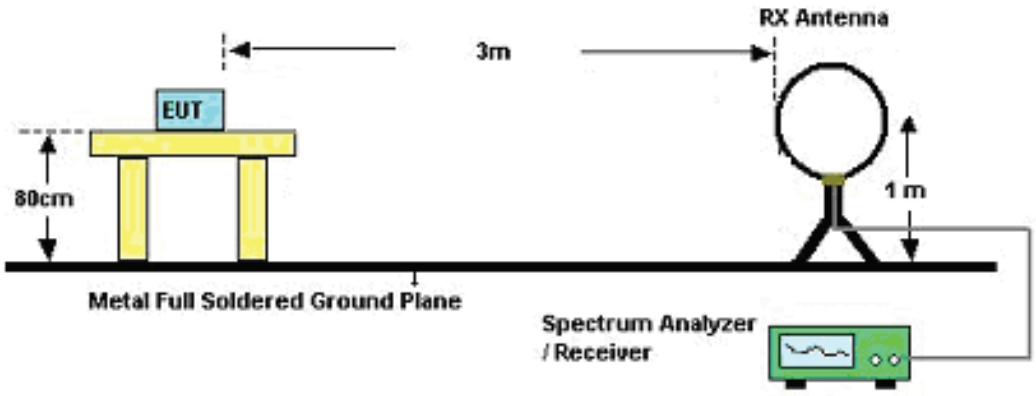
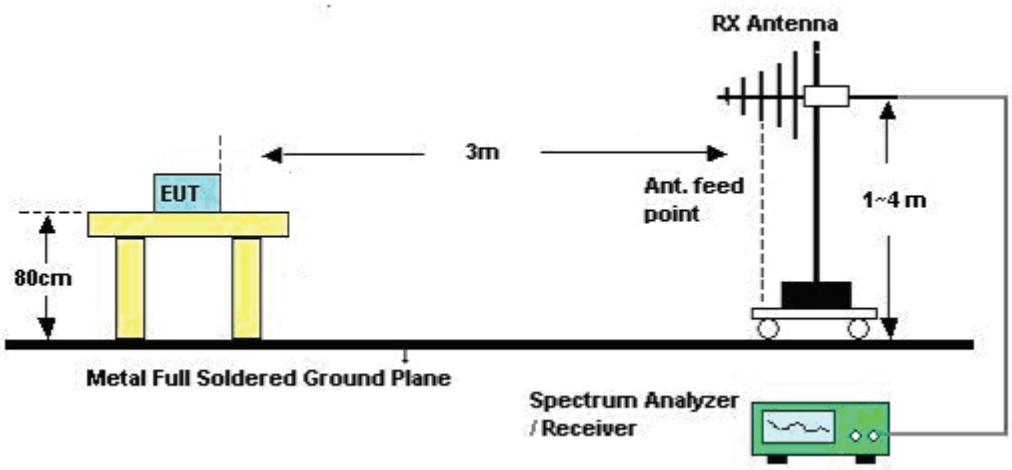
3.6.3 Test Procedures

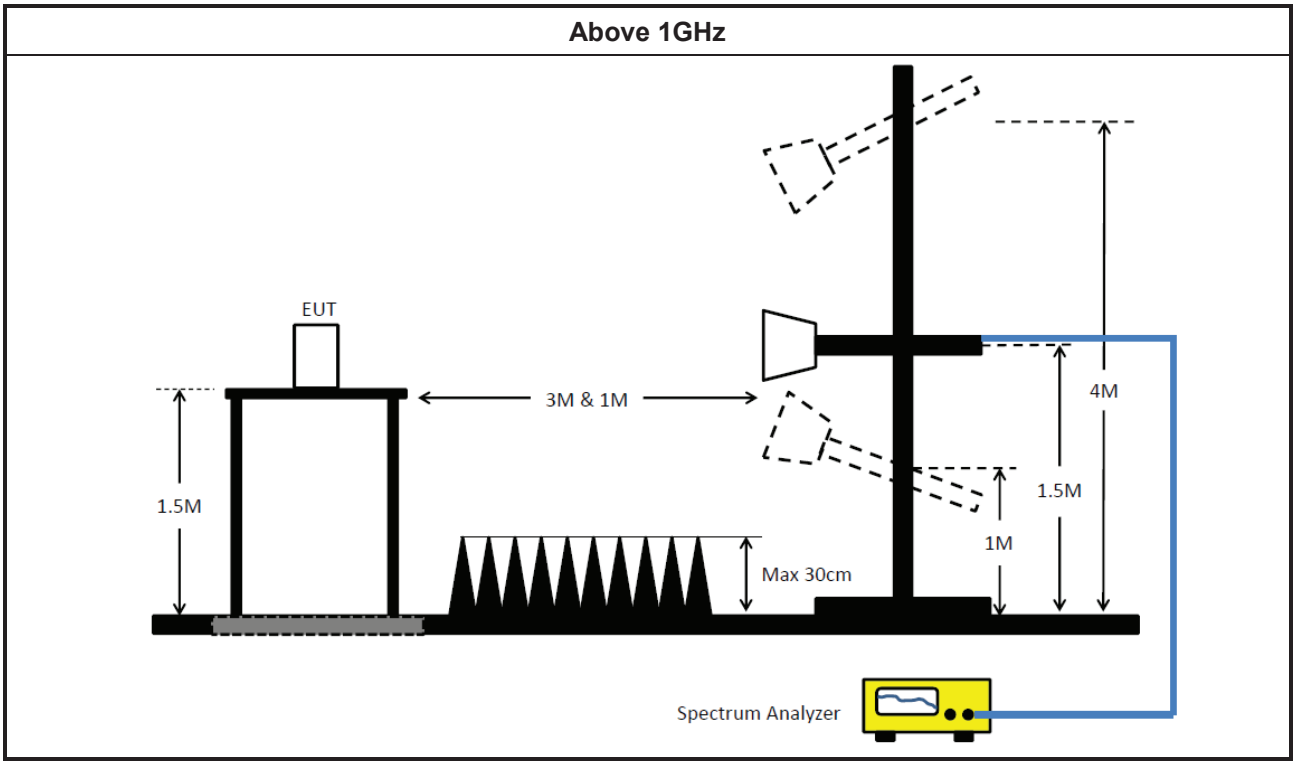
Test Method	
▪	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted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

3.6.4 Measurement Results Calculation

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

3.6.5 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz




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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	08/Nov/2018	07/Nov/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	17/Sep/2018	16/Sep/2019
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	23/Sep/2019	22/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	11/Oct/2018	10/Oct/2019

NCR: No Calibration Required

Instrument for Conducted Test (TH01-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz ~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

Instrument for Conducted Test (TH07-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15247_DTS	Sporton	V5.10.5	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH02-HY)

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	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	02/Jul/2019	01/Jul/2020
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	23/Oct/2018	22/Oct/2019
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	27/Dec/2018	26/Dec/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
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
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	05/Feb/2019	04/Feb/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020

Instrument for Radiated Test (03CH09-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz	20/Mar/2019	19/Mar/2020
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2019	14/Jul/2020
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	27/Dec/2018	26/Dec/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	22/May/2019	21/May/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	22/Mar/2019	21/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	05/Aug/2019	04/Aug/2020
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	556626/4+55 2627	1GHz~40GHz	07/Jul/2019	06/Jul/2020
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	324530/4+17 173/4	1GHz~40GHz	03/Jul/2019	02/Jul/2020

Instrument for Radiated Test (03CH03-HY)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2018	29/Aug/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	31/Oct/2018	30/Oct/2019
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	22/Apr/2019	21/Apr/2020
EMC Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	28/May/2019	27/May/2020
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2019	07/Sep/2020
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	27/Dec/2018	26/Dec/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	22/Mar/2019	21/Mar/2020
RF CABLE 6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4	1GHz ~ 40GHz	21/Mar/2019	20/Mar/2020
RF CABLE 5m	HUBER+SUHNER	SUOFLEX 104	SN 804300/4	1GHz ~ 40GHz	17/Jun/2019	16/Jun/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	09/Mar/2019	08/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	24/Aug/2018	23/Aug/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	05/Aug/2019	04/Aug/2020
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	15/Mar/2019	14/Mar/2020

Instrument for Radiated Test (03CH02-HY)

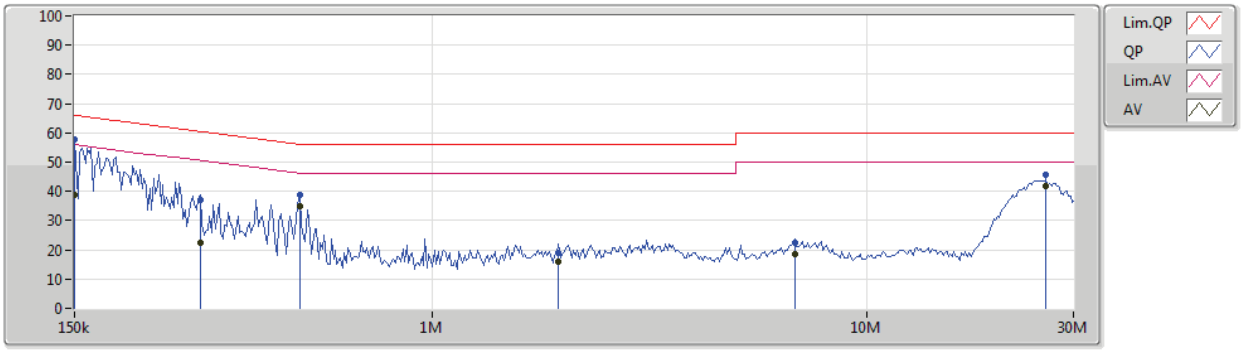
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Microwave System Premplifier	KEYSIGHT	83017A	MY53270197	1GHz~26.5GHz	30/Nov/2021	29/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+80 5192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-15247_DTS	Sporton	v5.10.8.7.3	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+80 5192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 1		

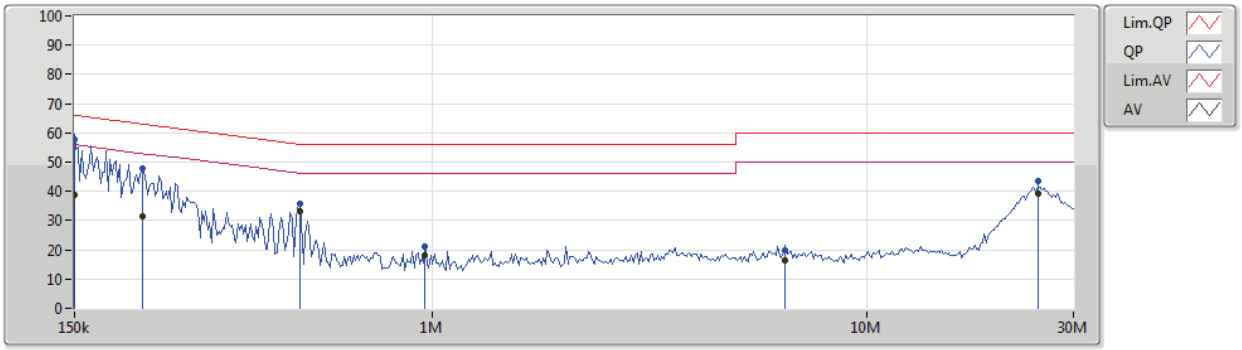
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	57.72	66.00	-8.28	19.48	Neutral	"Worst"	38.24	9.60	0.01	9.87
AV	150k	38.68	56.00	-17.32	19.48	Neutral	-	19.20	9.60	0.01	9.87
QP	292.162k	37.22	60.46	-23.24	19.48	Neutral	-	17.74	9.59	0.01	9.88
AV	292.162k	22.53	50.46	-27.93	19.48	Neutral	-	3.05	9.59	0.01	9.88
QP	495.058k	38.87	56.08	-17.21	19.48	Neutral	-	19.39	9.59	0.01	9.88
AV	495.058k	34.76	46.08	-11.32	19.48	Neutral	-	15.28	9.59	0.01	9.88
QP	1.954M	19.04	56.00	-36.96	19.53	Neutral	-	-0.49	9.61	0.03	9.89
AV	1.954M	15.97	46.00	-30.03	19.53	Neutral	-	-3.56	9.61	0.03	9.89
QP	6.847M	22.51	60.00	-37.49	19.60	Neutral	-	2.91	9.65	0.06	9.89
AV	6.847M	18.51	50.00	-31.49	19.60	Neutral	-	-1.09	9.65	0.06	9.89
QP	25.975M	45.84	60.00	-14.16	19.69	Neutral	-	26.15	9.67	0.12	9.90
AV	25.975M	41.62	50.00	-8.38	19.69	Neutral	-	21.93	9.67	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 1		

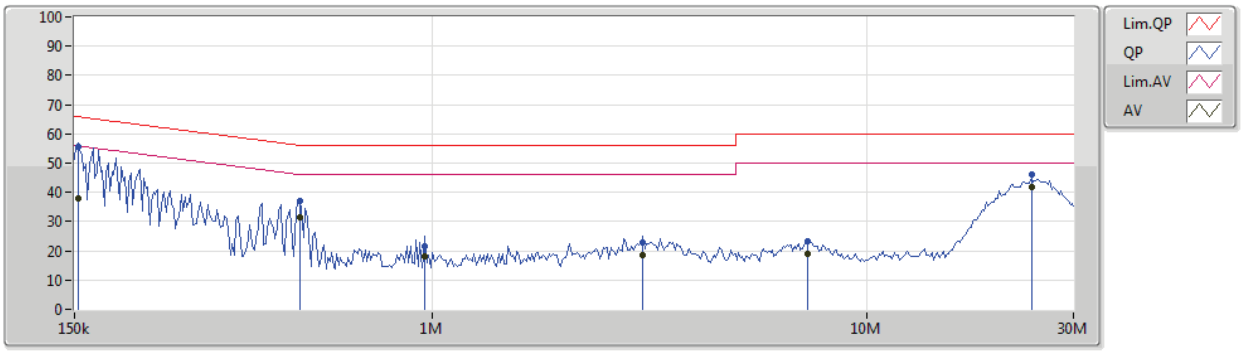
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	57.70	66.00	-8.30	19.48	Line	"Worst"	38.22	9.60	0.01	9.87
AV	150k	38.72	56.00	-17.28	19.48	Line	-	19.24	9.60	0.01	9.87
QP	214.615k	47.82	63.02	-15.20	19.48	Line	-	28.34	9.60	0.01	9.87
AV	214.615k	31.59	53.02	-21.43	19.48	Line	-	12.11	9.60	0.01	9.87
QP	495.058k	35.92	56.08	-20.16	19.48	Line	-	16.44	9.59	0.01	9.88
AV	495.058k	33.02	46.08	-13.06	19.48	Line	-	13.54	9.59	0.01	9.88
QP	964.247k	21.23	56.00	-34.77	19.50	Line	-	1.73	9.60	0.02	9.88
AV	964.247k	18.03	46.00	-27.97	19.50	Line	-	-1.47	9.60	0.02	9.88
QP	6.515M	19.67	60.00	-40.33	19.60	Line	-	0.07	9.65	0.06	9.89
AV	6.515M	16.52	50.00	-33.48	19.60	Line	-	-3.08	9.65	0.06	9.89
QP	24.962M	43.52	60.00	-16.48	19.59	Line	-	23.93	9.57	0.12	9.90
AV	24.962M	39.17	50.00	-10.83	19.59	Line	-	19.58	9.57	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 2		

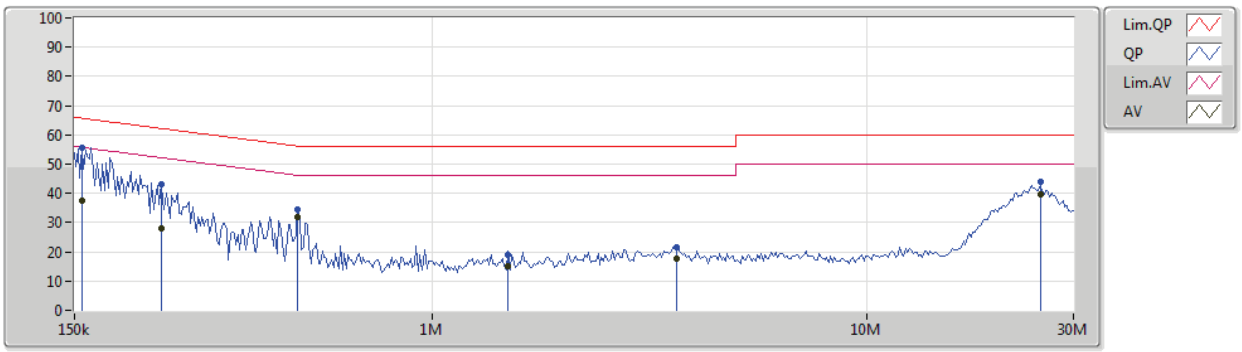
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	55.79	65.83	-10.04	19.48	Neutral	-	36.31	9.60	0.01	9.87
AV	153.015k	37.96	55.83	-17.87	19.48	Neutral	-	18.48	9.60	0.01	9.87
QP	495.058k	37.22	56.08	-18.86	19.48	Neutral	-	17.74	9.59	0.01	9.88
AV	495.058k	31.56	46.08	-14.52	19.48	Neutral	-	12.08	9.59	0.01	9.88
QP	964.247k	21.66	56.00	-34.34	19.49	Neutral	-	2.17	9.59	0.02	9.88
AV	964.247k	18.15	46.00	-27.85	19.49	Neutral	-	-1.34	9.59	0.02	9.88
QP	3.058M	22.79	56.00	-33.21	19.54	Neutral	-	3.25	9.61	0.04	9.89
AV	3.058M	18.32	46.00	-27.68	19.54	Neutral	-	-1.22	9.61	0.04	9.89
QP	7.341M	23.08	60.00	-36.92	19.60	Neutral	-	3.48	9.65	0.06	9.89
AV	7.341M	18.89	50.00	-31.11	19.60	Neutral	-	-0.71	9.65	0.06	9.89
QP	23.988M	45.93	60.00	-14.07	19.70	Neutral	-	26.23	9.68	0.12	9.90
AV	23.988M	41.62	50.00	-8.38	19.70	Neutral	"Worst"	21.92	9.68	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 2		

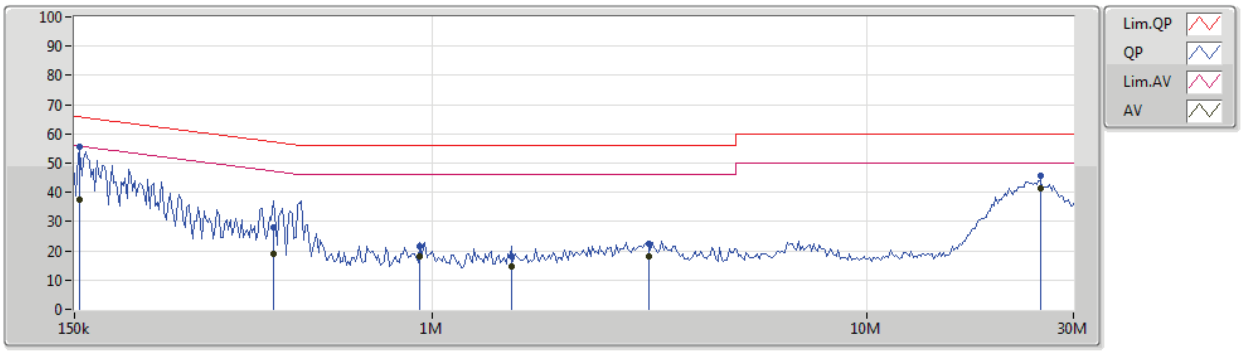
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.091k	55.70	65.67	-9.97	19.48	Line	"Worst"	36.22	9.60	0.01	9.87
AV	156.091k	37.47	55.67	-18.20	19.48	Line	-	17.99	9.60	0.01	9.87
QP	237.069k	42.91	62.20	-19.29	19.48	Line	-	23.43	9.60	0.01	9.87
AV	237.069k	28.14	52.20	-24.06	19.48	Line	-	8.66	9.60	0.01	9.87
QP	490.156k	34.53	56.17	-21.64	19.48	Line	-	15.05	9.59	0.01	9.88
AV	490.156k	31.94	46.17	-14.23	19.48	Line	-	12.46	9.59	0.01	9.88
QP	1.494M	19.08	56.00	-36.92	19.53	Line	-	-0.45	9.61	0.03	9.89
AV	1.494M	15.25	46.00	-30.75	19.53	Line	-	-4.28	9.61	0.03	9.89
QP	3.658M	21.76	56.00	-34.24	19.56	Line	-	2.20	9.63	0.04	9.89
AV	3.658M	17.76	46.00	-28.24	19.56	Line	-	-1.80	9.63	0.04	9.89
QP	25.212M	43.78	60.00	-16.22	19.59	Line	-	24.19	9.57	0.12	9.90
AV	25.212M	39.53	50.00	-10.47	19.59	Line	-	19.94	9.57	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 3		

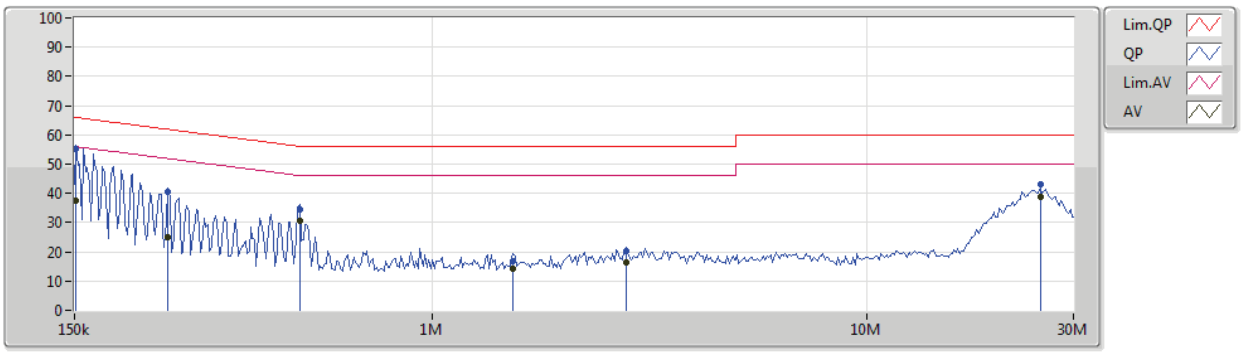
16/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.545k	55.41	65.75	-10.34	19.48	Neutral	-	35.93	9.60	0.01	9.87
AV	154.545k	37.37	55.75	-18.38	19.48	Neutral	-	17.89	9.60	0.01	9.87
QP	430.682k	27.90	57.24	-29.34	19.48	Neutral	-	8.42	9.59	0.01	9.88
AV	430.682k	19.01	47.24	-28.23	19.48	Neutral	-	-0.47	9.59	0.01	9.88
QP	935.888k	21.48	56.00	-34.52	19.49	Neutral	-	1.99	9.59	0.02	9.88
AV	935.888k	18.22	46.00	-27.78	19.49	Neutral	-	-1.27	9.59	0.02	9.88
QP	1.524M	18.25	56.00	-37.75	19.52	Neutral	-	-1.27	9.60	0.03	9.89
AV	1.524M	14.61	46.00	-31.39	19.52	Neutral	-	-4.91	9.60	0.03	9.89
QP	3.151M	22.60	56.00	-33.40	19.54	Neutral	-	3.06	9.61	0.04	9.89
AV	3.151M	18.28	46.00	-27.72	19.54	Neutral	-	-1.26	9.61	0.04	9.89
QP	25.212M	45.82	60.00	-14.18	19.69	Neutral	-	26.13	9.67	0.12	9.90
AV	25.212M	41.49	50.00	-8.51	19.69	Neutral	"Worst"	21.80	9.67	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 3		

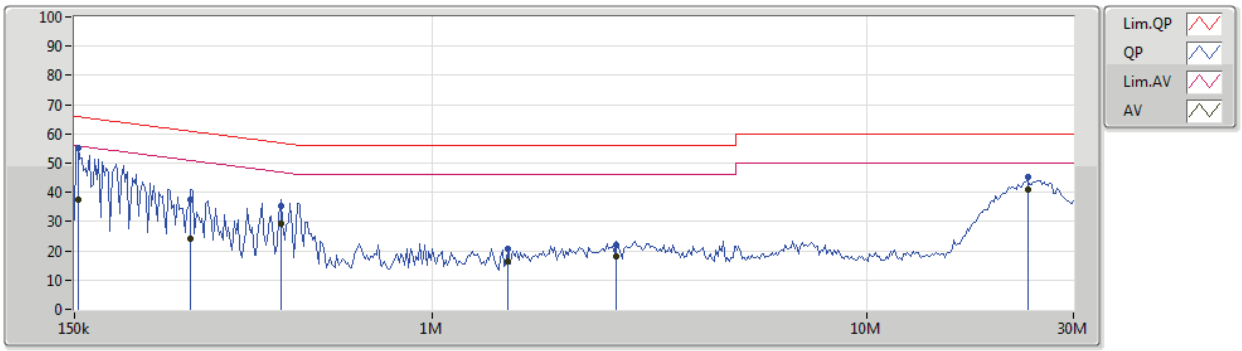
16/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	55.07	65.92	-10.85	19.48	Line	"Worst"	35.59	9.60	0.01	9.87
AV	151.5k	37.34	55.92	-18.58	19.48	Line	-	17.86	9.60	0.01	9.87
QP	246.695k	40.39	61.87	-21.48	19.48	Line	-	20.91	9.60	0.01	9.87
AV	246.695k	24.98	51.87	-26.89	19.48	Line	-	5.50	9.60	0.01	9.87
QP	495.058k	34.35	56.08	-21.73	19.48	Line	-	14.87	9.59	0.01	9.88
AV	495.058k	30.39	46.08	-15.69	19.48	Line	-	10.91	9.59	0.01	9.88
QP	1.539M	17.01	56.00	-38.99	19.53	Line	-	-2.52	9.61	0.03	9.89
AV	1.539M	14.07	46.00	-31.93	19.53	Line	-	-5.46	9.61	0.03	9.89
QP	2.796M	20.11	56.00	-35.89	19.55	Line	-	0.56	9.62	0.04	9.89
AV	2.796M	16.49	46.00	-29.51	19.55	Line	-	-3.06	9.62	0.04	9.89
QP	25.212M	43.17	60.00	-16.83	19.59	Line	-	23.58	9.57	0.12	9.90
AV	25.212M	38.89	50.00	-11.11	19.59	Line	-	19.30	9.57	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 4		

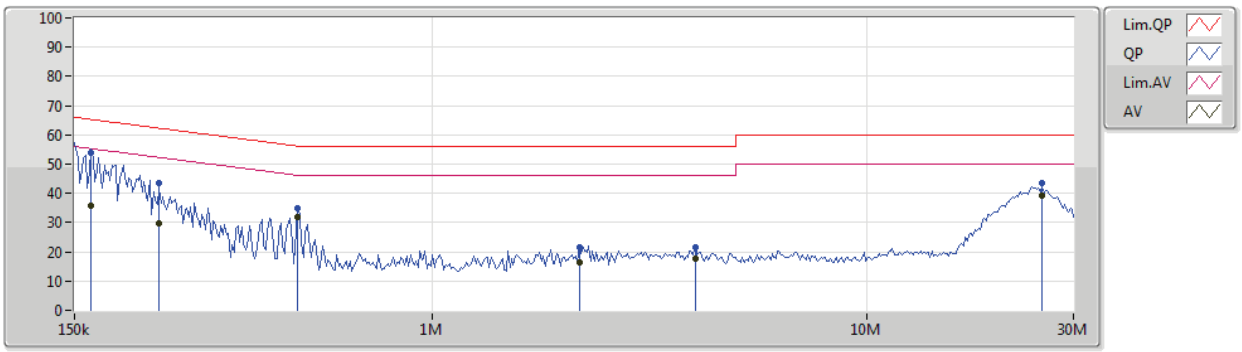
16/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	55.29	65.83	-10.54	19.48	Neutral	-	35.81	9.60	0.01	9.87
AV	153.015k	37.69	55.83	-18.14	19.48	Neutral	-	18.21	9.60	0.01	9.87
QP	277.982k	37.49	60.88	-23.39	19.47	Neutral	-	18.02	9.59	0.01	9.87
AV	277.982k	24.20	50.88	-26.68	19.47	Neutral	-	4.73	9.59	0.01	9.87
QP	448.17k	35.32	56.92	-21.60	19.48	Neutral	-	15.84	9.59	0.01	9.88
AV	448.17k	29.13	46.92	-17.79	19.48	Neutral	-	9.65	9.59	0.01	9.88
QP	1.494M	20.78	56.00	-35.22	19.52	Neutral	-	1.26	9.60	0.03	9.89
AV	1.494M	16.41	46.00	-29.59	19.52	Neutral	-	-3.11	9.60	0.03	9.89
QP	2.661M	21.80	56.00	-34.20	19.54	Neutral	-	2.26	9.61	0.04	9.89
AV	2.661M	17.95	46.00	-28.05	19.54	Neutral	-	-1.59	9.61	0.04	9.89
QP	23.515M	45.45	60.00	-14.55	19.70	Neutral	-	25.75	9.68	0.12	9.90
AV	23.515M	41.14	50.00	-8.86	19.70	Neutral	"Worst"	21.44	9.68	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 4		

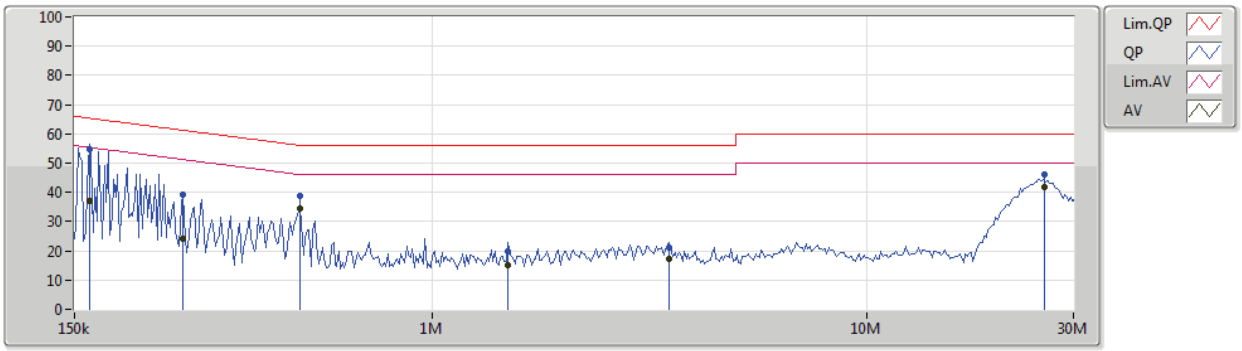
16/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	164.053k	53.88	65.25	-11.37	19.48	Line	-	34.40	9.60	0.01	9.87
AV	164.053k	35.82	55.25	-19.43	19.48	Line	-	16.34	9.60	0.01	9.87
QP	234.722k	43.68	62.27	-18.59	19.48	Line	-	24.20	9.60	0.01	9.87
AV	234.722k	29.63	52.27	-22.64	19.48	Line	-	10.15	9.60	0.01	9.87
QP	490.156k	34.73	56.17	-21.44	19.48	Line	-	15.25	9.59	0.01	9.88
AV	490.156k	32.03	46.17	-14.14	19.48	Line	-	12.55	9.59	0.01	9.88
QP	2.18M	21.46	56.00	-34.54	19.54	Line	-	1.92	9.62	0.03	9.89
AV	2.18M	16.30	46.00	-29.70	19.54	Line	-	-3.24	9.62	0.03	9.89
QP	4.041M	21.40	56.00	-34.60	19.57	Line	-	1.83	9.63	0.05	9.89
AV	4.041M	17.68	46.00	-28.32	19.57	Line	-	-1.89	9.63	0.05	9.89
QP	25.464M	43.48	60.00	-16.52	19.59	Line	-	23.89	9.57	0.12	9.90
AV	25.464M	39.20	50.00	-10.80	19.59	Line	"Worst"	19.61	9.57	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Scanning Radio		

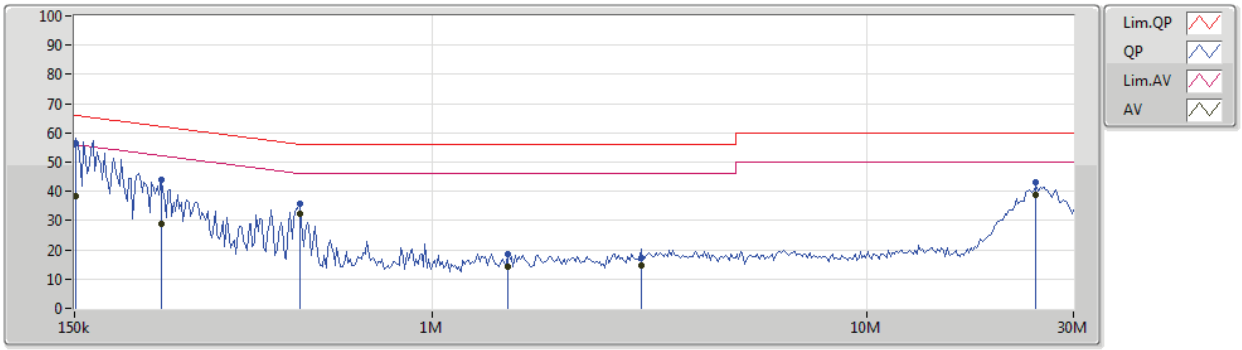
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	162.429k	54.69	65.33	-10.64	19.48	Neutral	-	35.21	9.60	0.01	9.87
AV	162.429k	36.88	55.33	-18.45	19.48	Neutral	-	17.40	9.60	0.01	9.87
QP	267.135k	39.14	61.20	-22.06	19.47	Neutral	-	19.67	9.59	0.01	9.87
AV	267.135k	24.14	51.20	-27.06	19.47	Neutral	-	4.67	9.59	0.01	9.87
QP	495.058k	38.68	56.08	-17.40	19.48	Neutral	-	19.20	9.59	0.01	9.88
AV	495.058k	34.38	46.08	-11.70	19.48	Neutral	-	14.90	9.59	0.01	9.88
QP	1.494M	19.79	56.00	-36.21	19.52	Neutral	-	0.27	9.60	0.03	9.89
AV	1.494M	14.89	46.00	-31.11	19.52	Neutral	-	-4.63	9.60	0.03	9.89
QP	3.515M	20.97	56.00	-35.03	19.54	Neutral	-	1.43	9.61	0.04	9.89
AV	3.515M	17.06	46.00	-28.94	19.54	Neutral	-	-2.48	9.61	0.04	9.89
QP	25.718M	46.08	60.00	-13.92	19.69	Neutral	-	26.39	9.67	0.12	9.90
AV	25.718M	41.78	50.00	-8.22	19.69	Neutral	"Worst"	22.09	9.67	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Scanning Radio		

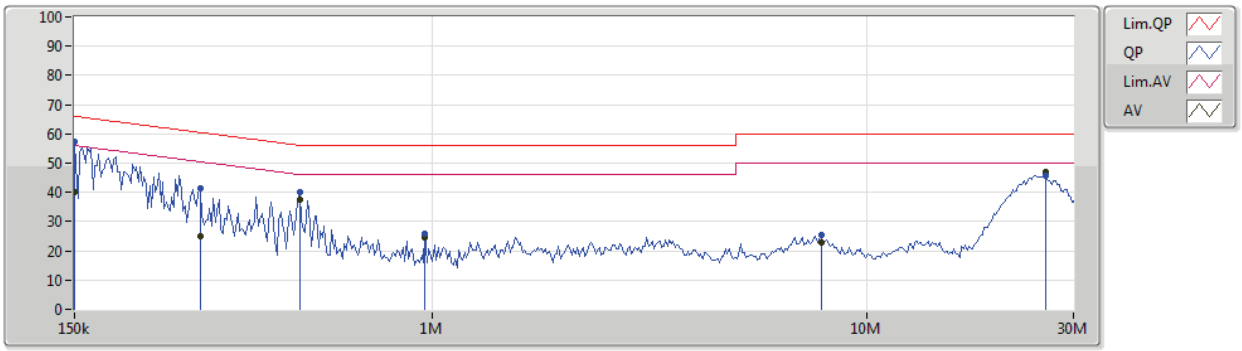
15/08/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	56.48	65.92	-9.44	19.48	Line	"Worst"	37.00	9.60	0.01	9.87
AV	151.5k	38.35	55.92	-17.57	19.48	Line	-	18.87	9.60	0.01	9.87
QP	237.069k	43.91	62.20	-18.29	19.48	Line	-	24.43	9.60	0.01	9.87
AV	237.069k	28.91	52.20	-23.29	19.48	Line	-	9.43	9.60	0.01	9.87
QP	495.058k	35.59	56.08	-20.49	19.48	Line	-	16.11	9.59	0.01	9.88
AV	495.058k	32.36	46.08	-13.72	19.48	Line	-	12.88	9.59	0.01	9.88
QP	1.494M	18.57	56.00	-37.43	19.53	Line	-	-0.96	9.61	0.03	9.89
AV	1.494M	14.10	46.00	-31.90	19.53	Line	-	-5.43	9.61	0.03	9.89
QP	3.028M	17.34	56.00	-38.66	19.56	Line	-	-2.22	9.63	0.04	9.89
AV	3.028M	14.60	46.00	-31.40	19.56	Line	-	-4.96	9.63	0.04	9.89
QP	24.47M	43.08	60.00	-16.92	19.60	Line	-	23.48	9.58	0.12	9.90
AV	24.47M	38.85	50.00	-11.15	19.60	Line	-	19.25	9.58	0.12	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 1 (BF)		

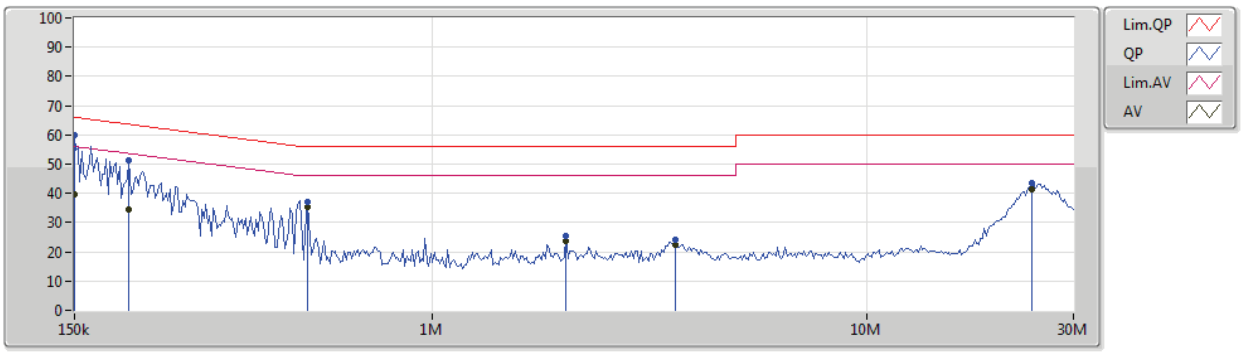
08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	57.50	66.00	-8.50	19.58	Neutral	-	37.92	9.60	0.11	9.87
AV	150k	40.27	56.00	-15.73	19.58	Neutral	-	20.69	9.60	0.11	9.87
QP	292.162k	41.19	60.46	-19.27	19.59	Neutral	-	21.60	9.59	0.12	9.88
AV	292.162k	24.84	50.46	-25.62	19.59	Neutral	-	5.25	9.59	0.12	9.88
QP	495.058k	40.10	56.08	-15.98	19.60	Neutral	-	20.50	9.59	0.13	9.88
AV	495.058k	37.50	46.08	-8.58	19.60	Neutral	-	17.90	9.59	0.13	9.88
QP	964.247k	25.76	56.00	-30.24	19.58	Neutral	-	6.18	9.59	0.11	9.88
AV	964.247k	24.39	46.00	-21.61	19.58	Neutral	-	4.81	9.59	0.11	9.88
QP	7.87M	25.24	60.00	-34.76	19.79	Neutral	-	5.45	9.65	0.25	9.89
AV	7.87M	22.73	50.00	-27.27	19.79	Neutral	-	2.94	9.65	0.25	9.89
QP	25.975M	45.89	60.00	-14.11	19.99	Neutral	-	25.90	9.67	0.42	9.90
AV	25.975M	46.86	50.00	-3.14	19.99	Neutral	"Worst"	26.87	9.67	0.42	9.90

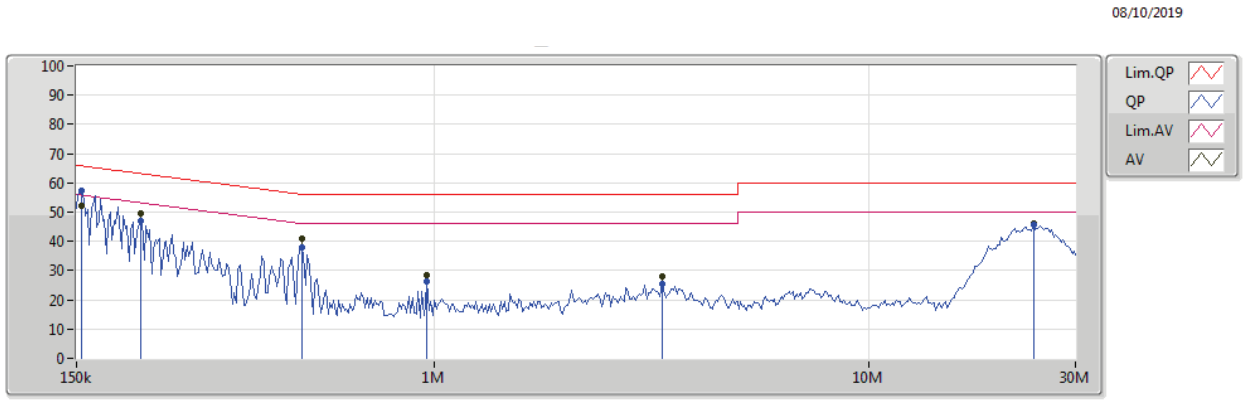
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 1 (BF)		

08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	59.76	66.00	-6.24	19.58	Line	"Worst"	40.18	9.60	0.11	9.87
AV	150k	39.75	56.00	-16.25	19.58	Line	-	20.17	9.60	0.11	9.87
QP	200.176k	51.31	63.61	-12.30	19.58	Line	-	31.73	9.60	0.11	9.87
AV	200.176k	34.69	53.61	-18.92	19.58	Line	-	15.11	9.60	0.11	9.87
QP	515.159k	37.01	56.00	-18.99	19.59	Line	-	17.42	9.59	0.12	9.88
AV	515.159k	35.30	46.00	-10.70	19.59	Line	-	15.71	9.59	0.12	9.88
QP	2.034M	25.29	56.00	-30.71	19.65	Line	-	5.64	9.62	0.14	9.89
AV	2.034M	23.82	46.00	-22.18	19.65	Line	-	4.17	9.62	0.14	9.89
QP	3.622M	24.33	56.00	-31.67	19.69	Line	-	4.64	9.63	0.17	9.89
AV	3.622M	22.45	46.00	-23.55	19.69	Line	-	2.76	9.63	0.17	9.89
QP	23.988M	43.37	60.00	-16.63	19.89	Line	-	23.48	9.59	0.40	9.90
AV	23.988M	41.46	50.00	-8.54	19.89	Line	-	21.57	9.59	0.40	9.90

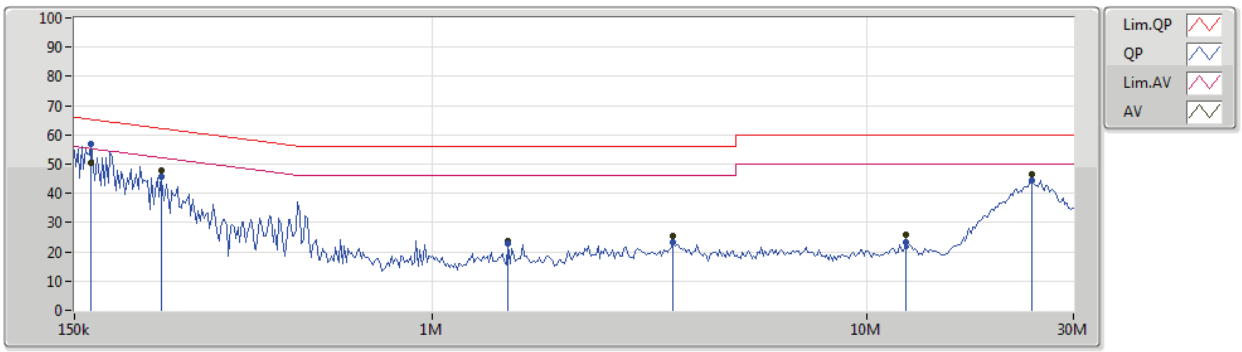
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 2 (BF)		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.545k	57.27	65.75	-8.48	19.58	Neutral	-	37.69	9.60	0.11	9.87
AV	154.545k	51.99	55.75	-3.76	19.58	Neutral	"Worst"	32.41	9.60	0.11	9.87
QP	210.387k	47.02	63.19	-16.17	19.57	Neutral	-	27.45	9.59	0.11	9.87
AV	210.387k	49.41	53.19	-3.78	19.57	Neutral	-	29.84	9.59	0.11	9.87
QP	495.058k	37.73	56.08	-18.35	19.60	Neutral	-	18.13	9.59	0.13	9.88
AV	495.058k	40.96	46.08	-5.12	19.60	Neutral	-	21.36	9.59	0.13	9.88
QP	964.247k	26.27	56.00	-29.73	19.58	Neutral	-	6.69	9.59	0.11	9.88
AV	964.247k	28.34	46.00	-17.66	19.58	Neutral	-	8.76	9.59	0.11	9.88
QP	3.345M	25.60	56.00	-30.40	19.67	Neutral	-	5.93	9.61	0.17	9.89
AV	3.345M	28.13	46.00	-17.87	19.67	Neutral	-	8.46	9.61	0.17	9.89
QP	23.988M	45.52	60.00	-14.48	19.98	Neutral	-	25.54	9.68	0.40	9.90
AV	23.988M	46.07	50.00	-3.93	19.98	Neutral	-	26.09	9.68	0.40	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 2 (BF)		

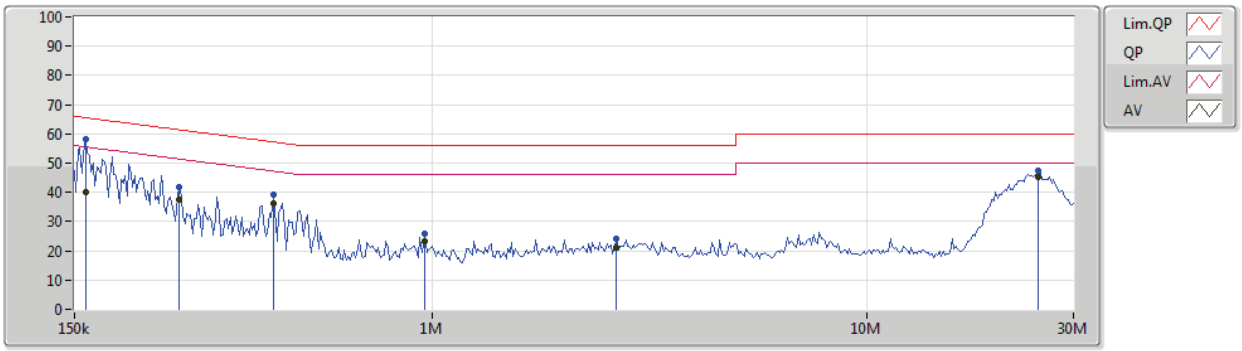
08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	164.053k	56.98	65.25	-8.27	19.58	Line	-	37.40	9.60	0.11	9.87
AV	164.053k	50.53	55.25	-4.72	19.58	Line	-	30.95	9.60	0.11	9.87
QP	237.069k	45.72	62.20	-16.48	19.58	Line	-	26.14	9.60	0.11	9.87
AV	237.069k	47.92	52.20	-4.28	19.58	Line	-	28.34	9.60	0.11	9.87
QP	1.494M	22.67	56.00	-33.33	19.63	Line	-	3.04	9.61	0.13	9.89
AV	1.494M	23.78	46.00	-22.22	19.63	Line	-	4.15	9.61	0.13	9.89
QP	3.586M	23.41	56.00	-32.59	19.69	Line	-	3.72	9.63	0.17	9.89
AV	3.586M	25.27	46.00	-20.73	19.69	Line	-	5.58	9.63	0.17	9.89
QP	12.316M	23.18	60.00	-36.82	19.85	Line	-	3.33	9.66	0.29	9.90
AV	12.316M	25.76	50.00	-24.24	19.85	Line	-	5.91	9.66	0.29	9.90
QP	23.988M	44.35	60.00	-15.65	19.89	Line	-	24.46	9.59	0.40	9.90
AV	23.988M	46.71	50.00	-3.29	19.89	Line	"Worst"	26.82	9.59	0.40	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 3 (BF)		

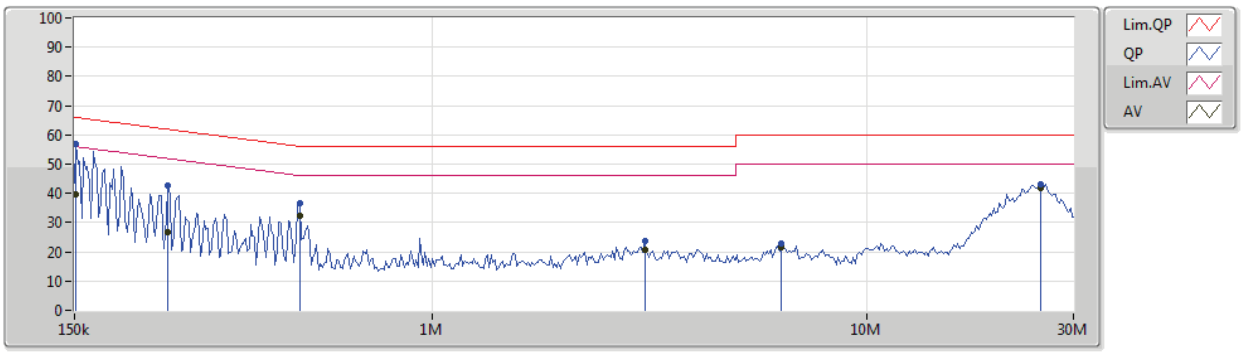
08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159.228k	57.99	65.50	-7.51	19.58	Neutral	-	38.41	9.60	0.11	9.87
AV	159.228k	39.92	55.50	-15.58	19.58	Neutral	-	20.34	9.60	0.11	9.87
QP	261.871k	41.66	61.37	-19.71	19.58	Neutral	-	22.08	9.59	0.12	9.87
AV	261.871k	37.71	51.37	-13.66	19.58	Neutral	-	18.13	9.59	0.12	9.87
QP	430.682k	39.39	57.24	-17.85	19.60	Neutral	-	19.79	9.59	0.13	9.88
AV	430.682k	36.41	47.24	-10.83	19.60	Neutral	-	16.81	9.59	0.13	9.88
QP	964.247k	25.93	56.00	-30.07	19.58	Neutral	-	6.35	9.59	0.11	9.88
AV	964.247k	23.42	46.00	-22.58	19.58	Neutral	-	3.84	9.59	0.11	9.88
QP	2.661M	24.33	56.00	-31.67	19.66	Neutral	-	4.67	9.61	0.16	9.89
AV	2.661M	21.17	46.00	-24.83	19.66	Neutral	-	1.51	9.61	0.16	9.89
QP	24.962M	47.26	60.00	-12.74	19.98	Neutral	-	27.28	9.67	0.41	9.90
AV	24.962M	45.06	50.00	-4.94	19.98	Neutral	"Worst"	25.08	9.67	0.41	9.90

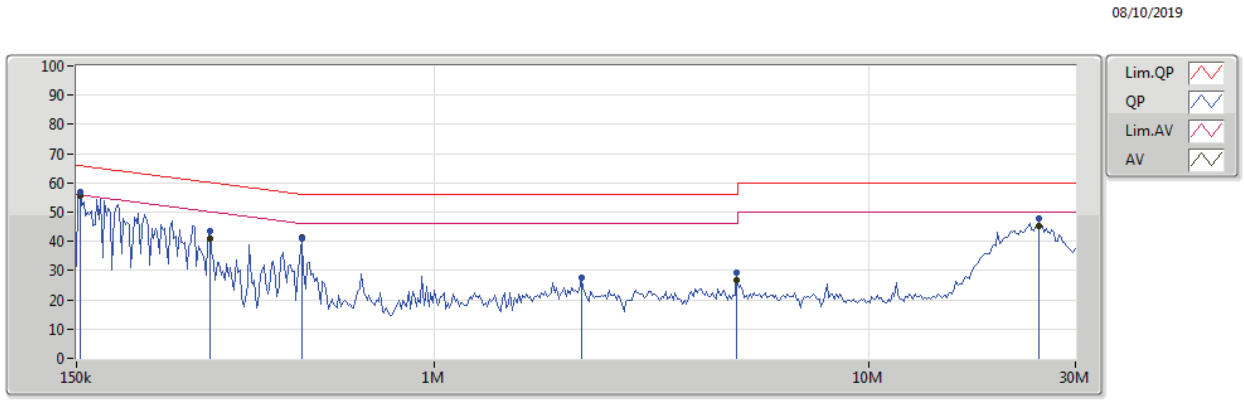
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 3 (BF)		

08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	56.97	65.92	-8.95	19.58	Line	-	37.39	9.60	0.11	9.87
AV	151.5k	39.84	55.92	-16.08	19.58	Line	-	20.26	9.60	0.11	9.87
QP	246.695k	42.56	61.87	-19.31	19.59	Line	-	22.97	9.60	0.12	9.87
AV	246.695k	26.53	51.87	-25.34	19.59	Line	-	6.94	9.60	0.12	9.87
QP	495.058k	36.58	56.08	-19.50	19.60	Line	-	16.98	9.59	0.13	9.88
AV	495.058k	32.49	46.08	-13.59	19.60	Line	-	12.89	9.59	0.13	9.88
QP	3.089M	23.63	56.00	-32.37	19.69	Line	-	3.94	9.63	0.17	9.89
AV	3.089M	20.54	46.00	-25.46	19.69	Line	-	0.85	9.63	0.17	9.89
QP	6.386M	22.99	60.00	-37.01	19.77	Line	-	3.22	9.65	0.23	9.89
AV	6.386M	21.44	50.00	-28.56	19.77	Line	-	1.67	9.65	0.23	9.89
QP	25.212M	43.25	60.00	-16.75	19.88	Line	-	23.37	9.57	0.41	9.90
AV	25.212M	41.99	50.00	-8.01	19.88	Line	"Worst"	22.11	9.57	0.41	9.90

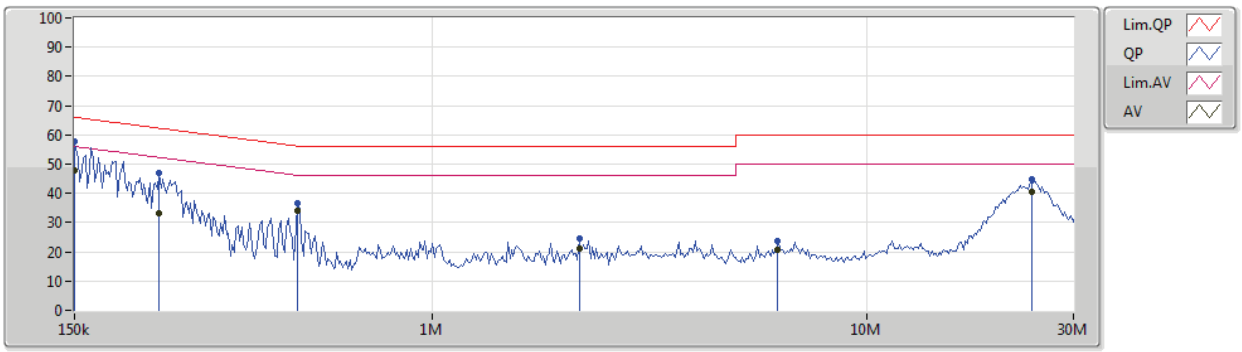
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode_Group 4 (BF)		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	56.87	65.83	-8.96	19.58	Neutral	-	37.29	9.60	0.11	9.87
AV	153.015k	55.67	55.83	-0.16	19.58	Neutral	"Worst"	36.09	9.60	0.11	9.87
QP	304.025k	43.38	60.13	-16.75	19.59	Neutral	-	23.79	9.59	0.12	9.88
AV	304.025k	40.75	50.13	-9.38	19.59	Neutral	-	21.16	9.59	0.12	9.88
QP	495.058k	41.15	56.08	-14.93	19.60	Neutral	-	21.55	9.59	0.13	9.88
AV	495.058k	41.41	46.08	-4.67	19.60	Neutral	-	21.81	9.59	0.13	9.88
QP	2.18M	27.69	56.00	-28.31	19.64	Neutral	-	8.05	9.61	0.14	9.89
AV	2.18M	27.77	46.00	-18.23	19.64	Neutral	-	8.13	9.61	0.14	9.89
QP	4.98M	29.30	56.00	-26.70	19.71	Neutral	-	9.59	9.62	0.20	9.89
AV	4.98M	26.87	46.00	-19.13	19.71	Neutral	-	7.16	9.62	0.20	9.89
QP	24.715M	47.63	60.00	-12.37	19.98	Neutral	-	27.65	9.67	0.41	9.90
AV	24.715M	45.15	50.00	-4.85	19.98	Neutral	-	25.17	9.67	0.41	9.90

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE mode_Group 4 (BF)		

08/10/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	57.56	66.00	-8.44	19.58	Line	-	37.98	9.60	0.11	9.87
AV	150k	47.68	56.00	-8.32	19.58	Line	"Worst"	28.10	9.60	0.11	9.87
QP	234.722k	46.82	62.27	-15.45	19.58	Line	-	27.24	9.60	0.11	9.87
AV	234.722k	33.05	52.27	-19.22	19.58	Line	-	13.47	9.60	0.11	9.87
QP	490.156k	36.68	56.17	-19.49	19.60	Line	-	17.08	9.59	0.13	9.88
AV	490.156k	33.89	46.17	-12.28	19.60	Line	-	14.29	9.59	0.13	9.88
QP	2.18M	24.64	56.00	-31.36	19.65	Line	-	4.99	9.62	0.14	9.89
AV	2.18M	21.09	46.00	-24.91	19.65	Line	-	1.44	9.62	0.14	9.89
QP	6.26M	23.72	60.00	-36.28	19.76	Line	-	3.96	9.65	0.22	9.89
AV	6.26M	20.55	50.00	-29.45	19.76	Line	-	0.79	9.65	0.22	9.89
QP	23.988M	44.83	60.00	-15.17	19.89	Line	-	24.94	9.59	0.40	9.90
AV	23.988M	40.57	50.00	-9.43	19.89	Line	-	20.68	9.59	0.40	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	9.025M	15.467M	15M5G1D	7.55M	13.043M
802.11b_Nss1,(1Mbps)_2TX	9.575M	15.117M	15M1G1D	7.05M	12.869M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.3M	19.89M	19M9D1D	16.275M	16.417M
802.11g_Nss1,(6Mbps)_2TX	16.325M	17.016M	17M0D1D	15.575M	16.367M
VHT20_Nss1,(MCS0)_1TX(Port2)	17.55M	18.941M	18M9D1D	17.275M	17.591M
VHT20_Nss1,(MCS0)_2TX	17.575M	18.091M	18M1D1D	16.15M	17.566M
VHT40_Nss1,(MCS0)_1TX(Port2)	36.05M	36.132M	36M1D1D	36.05M	36.082M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.182M	36M2D1D	35.7M	36.032M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.925M	19.415M	19M4D1D	18.675M	18.941M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	19.14M	19M1D1D	18.325M	18.841M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	37.65M	37.831M	37M8D1D	37.05M	37.681M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.9M	37.781M	37M8D1D	37.5M	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)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			7.55M	13.043M
2437MHz_TnomVnom	Pass	500k			9.025M	15.467M
2462MHz_TnomVnom	Pass	500k			8.05M	13.493M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.05M	12.869M	7.55M	12.869M
2437MHz_TnomVnom	Pass	500k	7.05M	14.493M	9.575M	15.117M
2462MHz_TnomVnom	Pass	500k	7.075M	12.894M	7.075M	13.468M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			16.3M	16.417M
2437MHz_TnomVnom	Pass	500k			16.275M	19.89M
2462MHz_TnomVnom	Pass	500k			16.3M	16.417M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.325M	16.367M	16.325M	16.392M
2437MHz_TnomVnom	Pass	500k	16.275M	16.642M	15.575M	17.016M
2462MHz_TnomVnom	Pass	500k	16.3M	16.392M	16.3M	16.392M
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			17.55M	17.591M
2437MHz_TnomVnom	Pass	500k			17.525M	18.941M
2462MHz_TnomVnom	Pass	500k			17.275M	17.616M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.525M	17.566M	17.575M	17.591M
2437MHz_TnomVnom	Pass	500k	16.15M	17.741M	17.5M	18.091M
2462MHz_TnomVnom	Pass	500k	17.55M	17.566M	17.55M	17.591M
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k			36.05M	36.082M
2437MHz_TnomVnom	Pass	500k			36.05M	36.132M
2452MHz_TnomVnom	Pass	500k			36.05M	36.132M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	36.3M	36.032M	36.3M	36.082M
2437MHz_TnomVnom	Pass	500k	35.95M	36.032M	36.3M	36.182M
2452MHz_TnomVnom	Pass	500k	35.7M	36.082M	36.3M	36.032M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			18.925M	18.966M
2437MHz_TnomVnom	Pass	500k			18.675M	19.415M
2462MHz_TnomVnom	Pass	500k			18.75M	18.941M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.65M	18.891M	18.825M	18.941M
2437MHz_TnomVnom	Pass	500k	18.325M	18.991M	18.7M	19.14M
2462MHz_TnomVnom	Pass	500k	18.725M	18.841M	18.975M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k			37.05M	37.731M
2437MHz_TnomVnom	Pass	500k			37.55M	37.831M
2452MHz_TnomVnom	Pass	500k			37.65M	37.681M

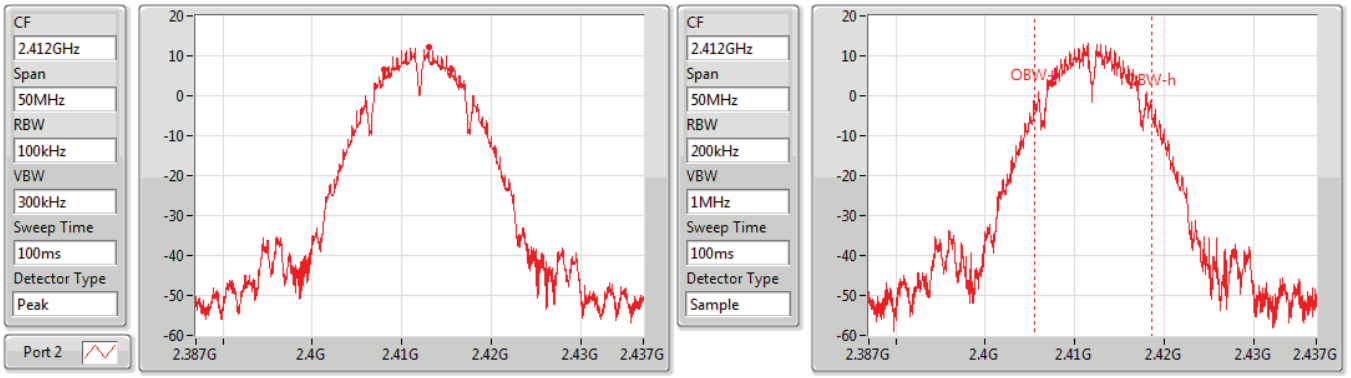
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.9M	37.681M	37.6M	37.681M
2437MHz_TnomVnom	Pass	500k	37.85M	37.631M	37.5M	37.781M
2452MHz_TnomVnom	Pass	500k	37.65M	37.681M	37.85M	37.681M

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

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2412MHz

12/08/2019

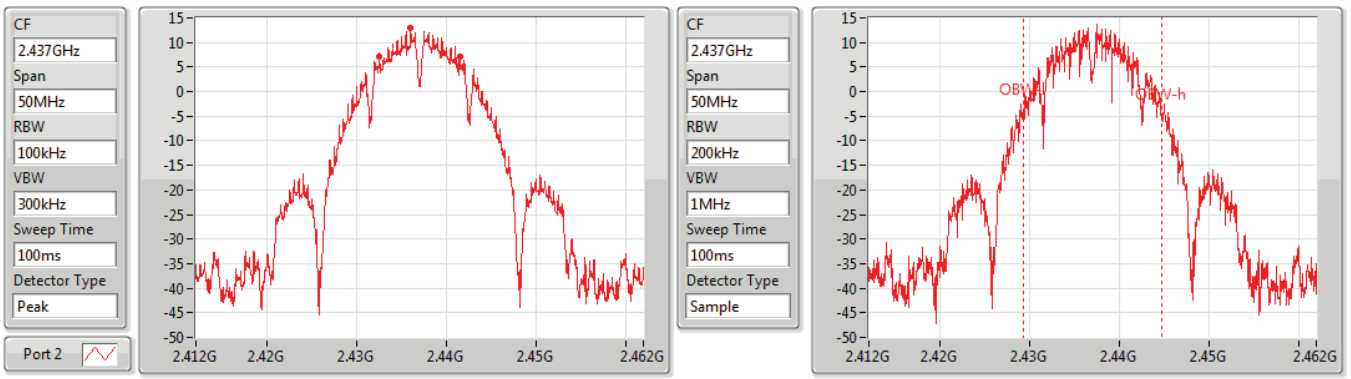


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.408G	2.41555G	13.043M	2.405503G	2.418547G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2437MHz

12/08/2019

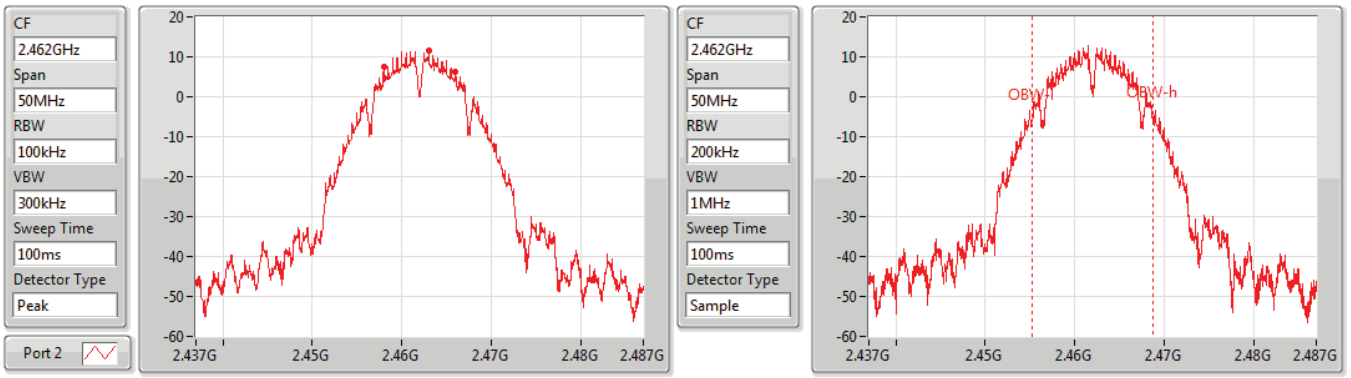


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.432475G	2.4415G	15.467M	2.429279G	2.444746G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz

12/08/2019

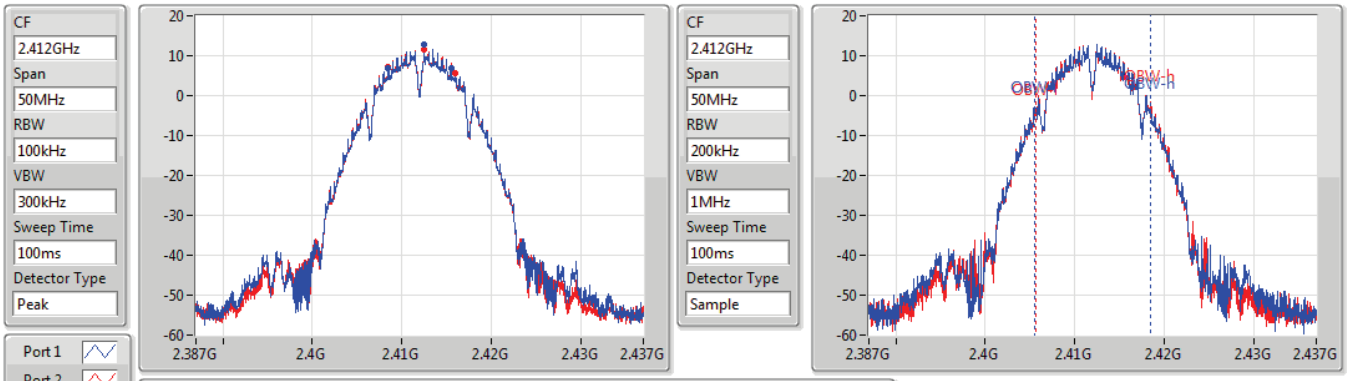


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.457975G	2.466025G	13.493M	2.455253G	2.468747G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

12/08/2019

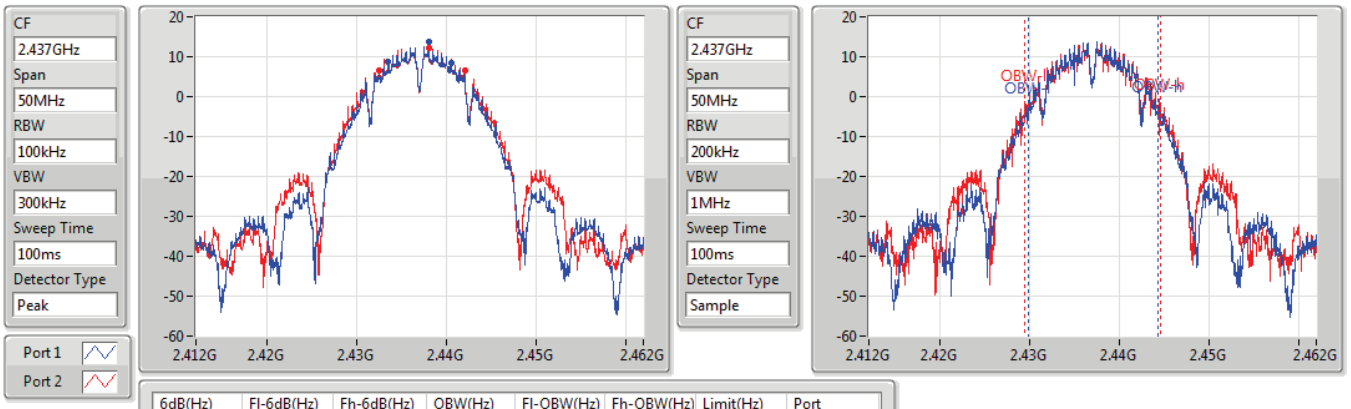


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.40845G	2.4155G	12.869M	2.405553G	2.418422G	500k	1
7.55M	2.40845G	2.416G	12.869M	2.405603G	2.418472G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

12/08/2019

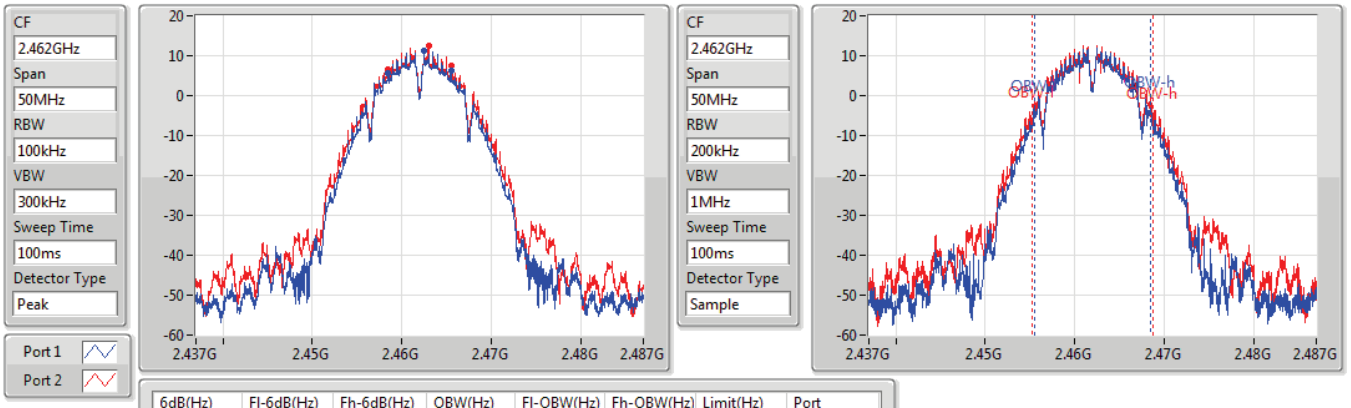


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.433475G	2.440525G	14.493M	2.429779G	2.444271G	500k	1
9.575M	2.43245G	2.442025G	15.117M	2.429479G	2.444596G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

12/08/2019

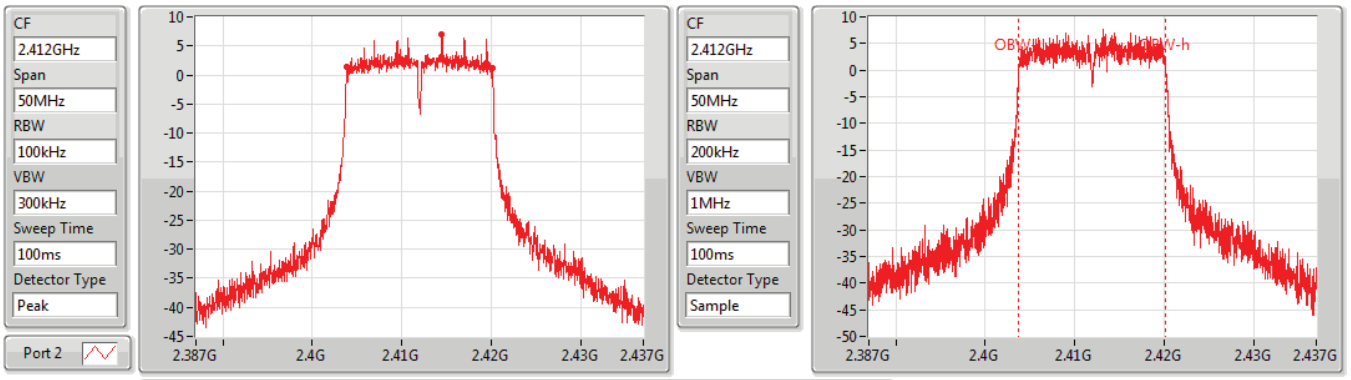


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.45845G	2.465525G	12.894M	2.455553G	2.468447G	500k	1
7.075M	2.45845G	2.465525G	13.468M	2.455303G	2.468772G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2412MHz

12/08/2019

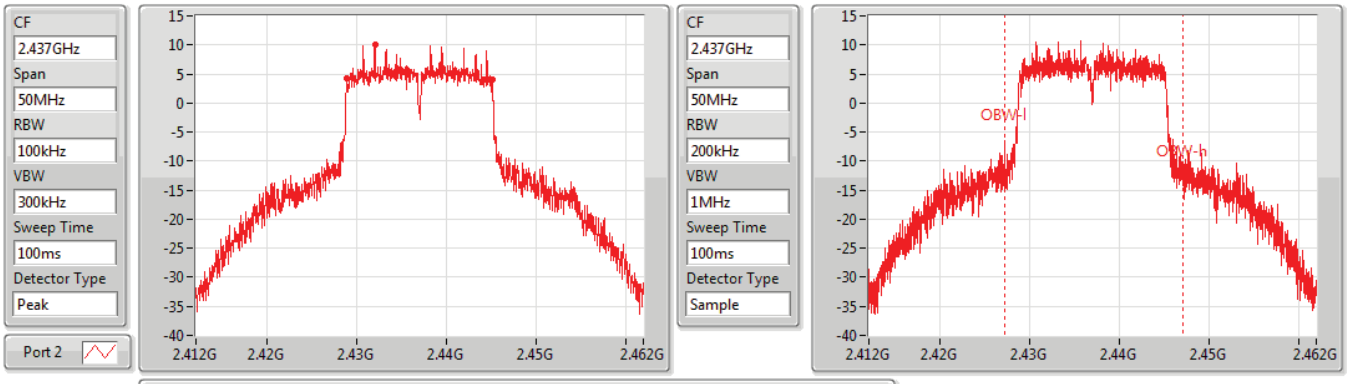


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.417M	2.403779G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2437MHz

12/08/2019

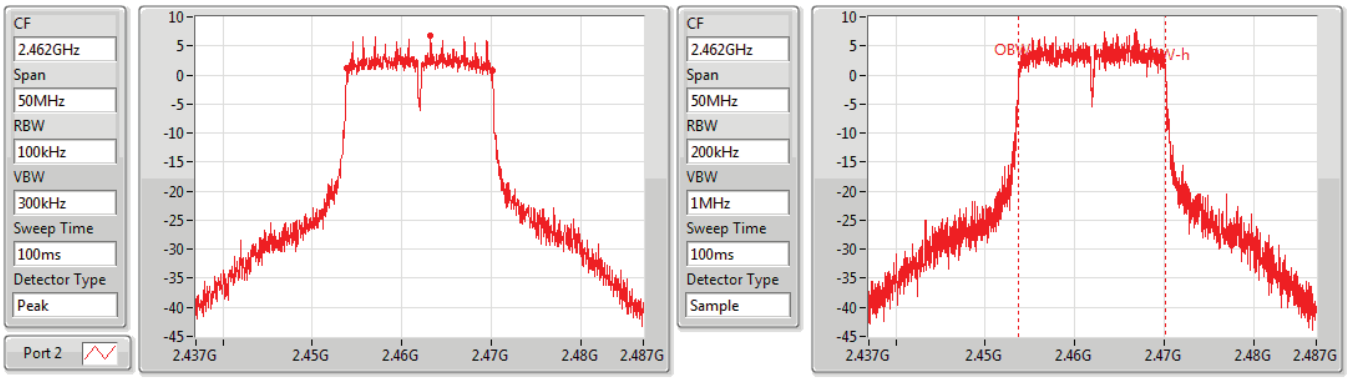


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	19.89M	2.427205G	2.447095G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz

12/08/2019

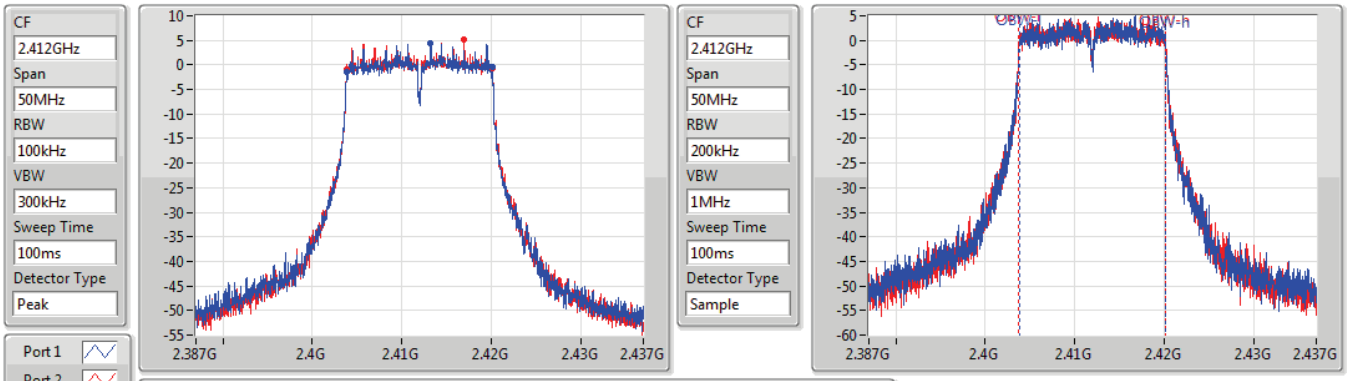


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.417M	2.453779G	2.470196G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

12/08/2019

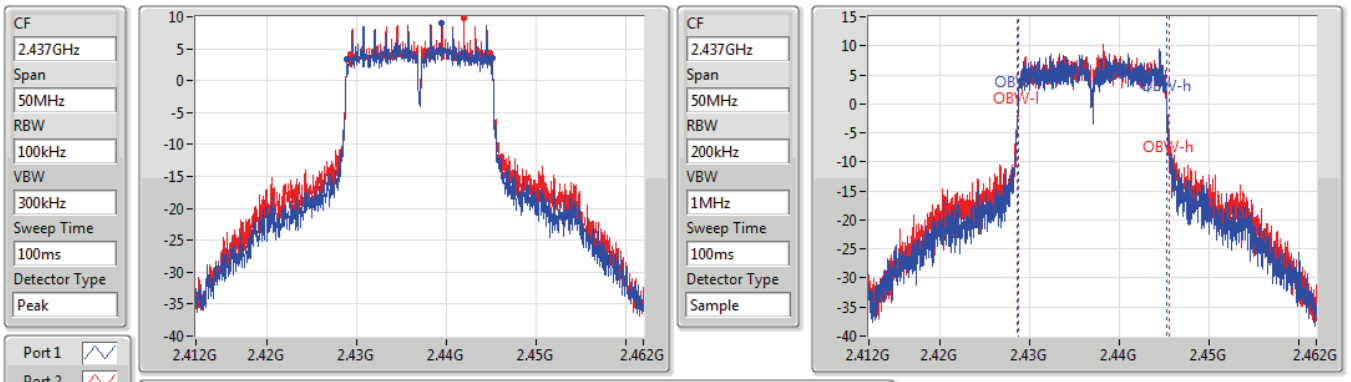


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.367M	2.403804G	2.420171G	500k	1
16.325M	2.403825G	2.42015G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

12/08/2019

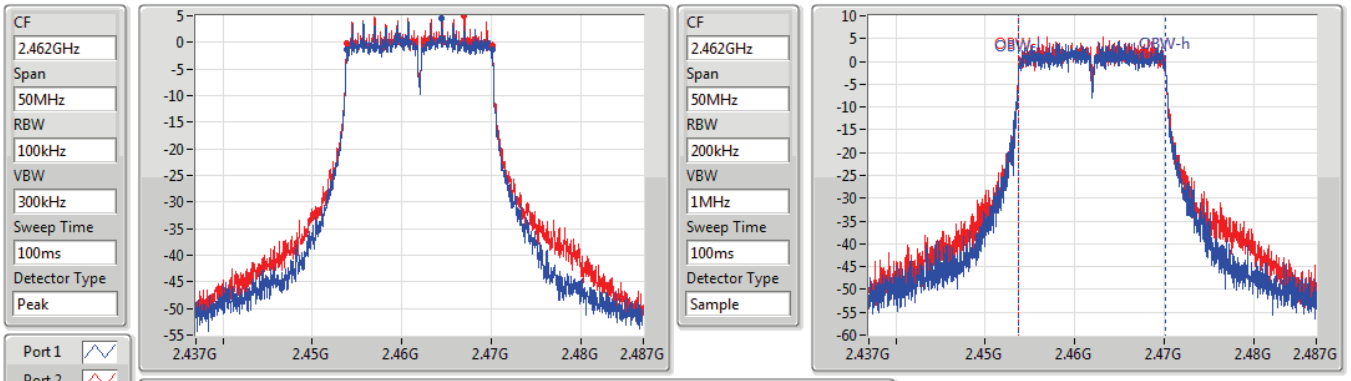


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.642M	2.428679G	2.445321G	500k	1
15.575M	2.429275G	2.44485G	17.016M	2.428579G	2.445596G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

12/08/2019

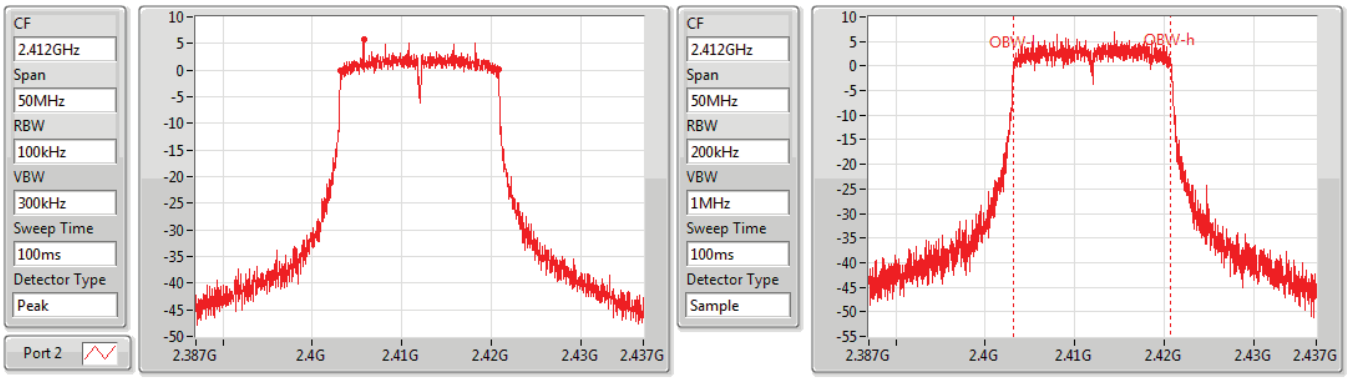


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	1
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

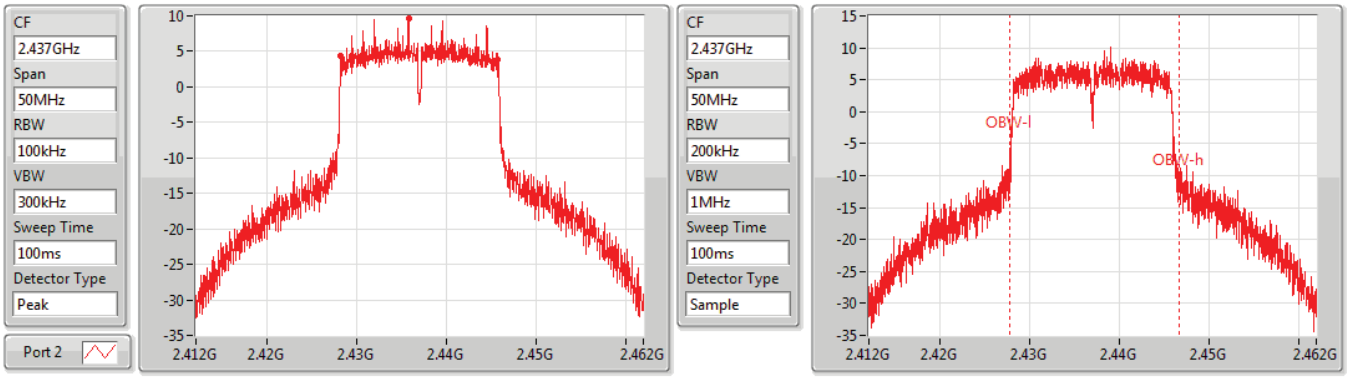


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.403225G	2.420775G	17.591M	2.403179G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

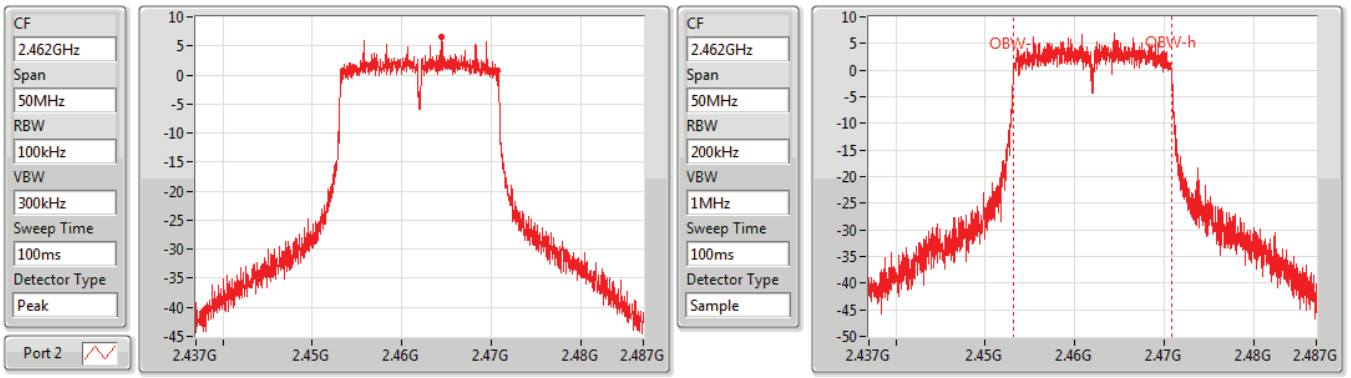


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.428225G	2.44575G	18.941M	2.427755G	2.446695G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

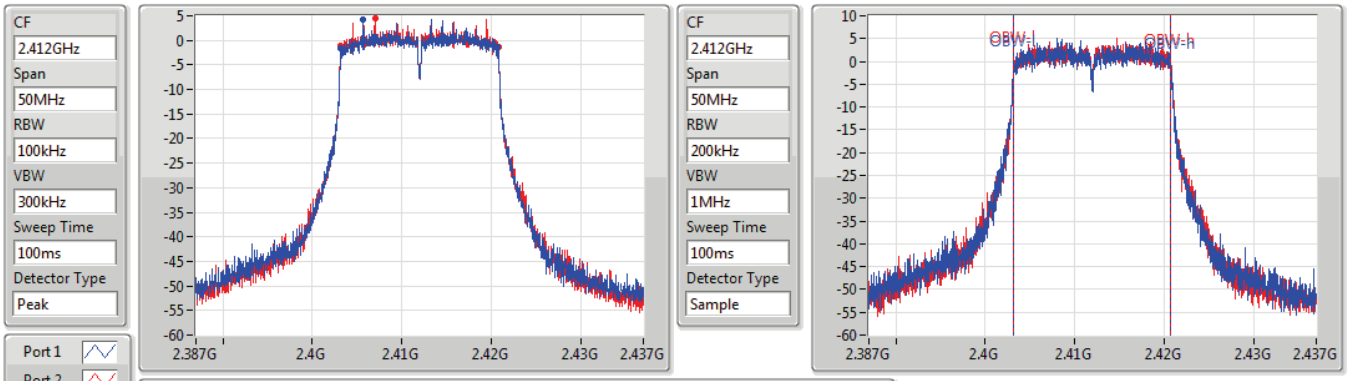


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	2.453475G	2.47075G	17.616M	2.453179G	2.470796G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

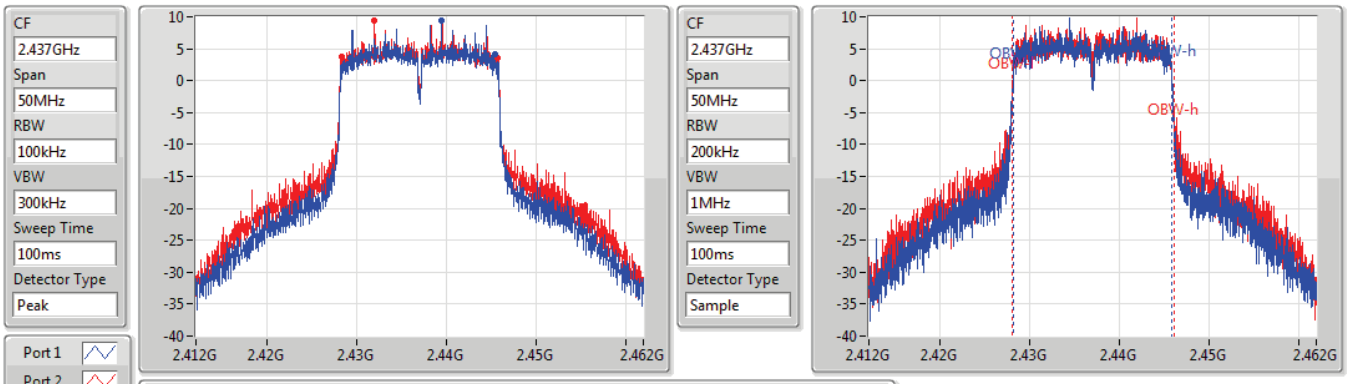


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.403225G	2.42075G	17.566M	2.403204G	2.420771G	500k	1
17.575M	2.4032G	2.420775G	17.591M	2.403179G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

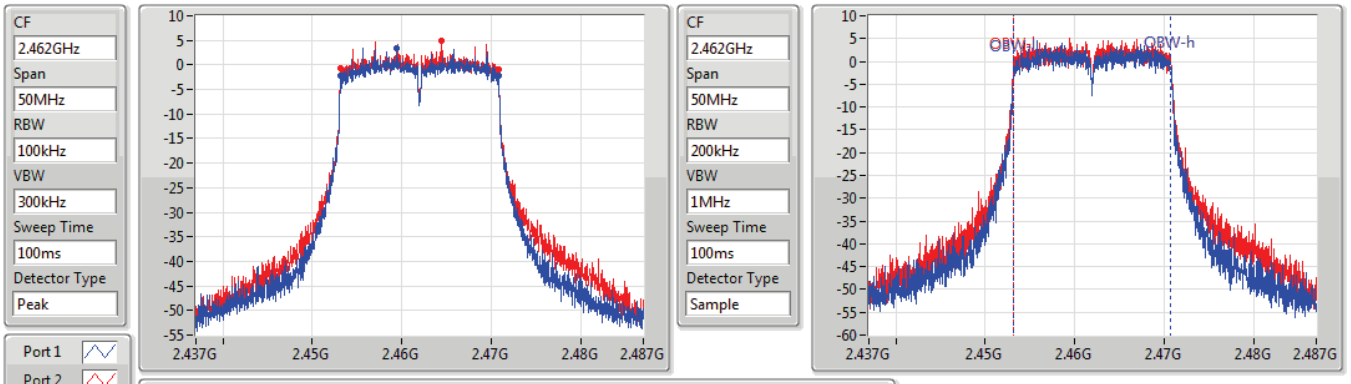


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.15M	2.429225G	2.445375G	17.741M	2.428129G	2.445871G	500k	1
17.5M	2.42825G	2.44575G	18.091M	2.42798G	2.44607G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

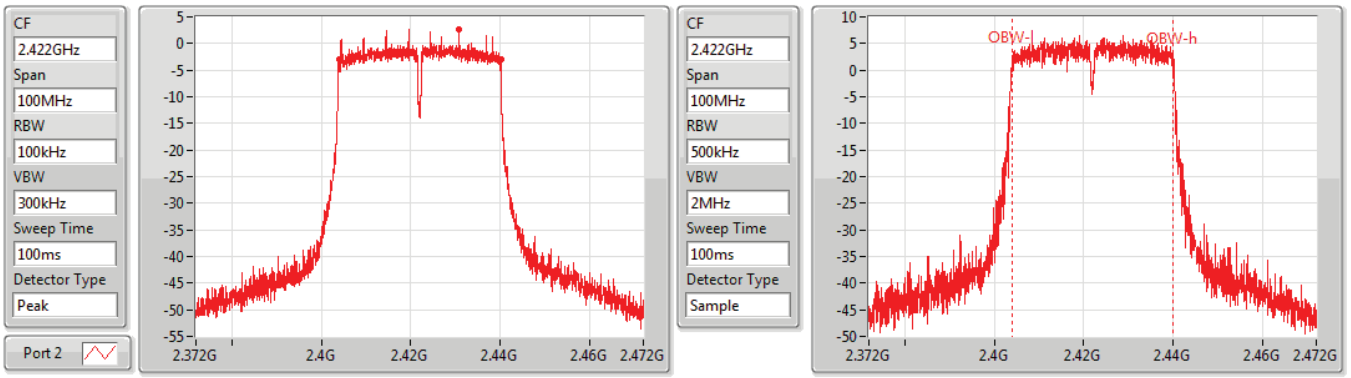


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.453225G	2.470775G	17.566M	2.453204G	2.470771G	500k	1
17.55M	2.453225G	2.470775G	17.591M	2.453179G	2.470771G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

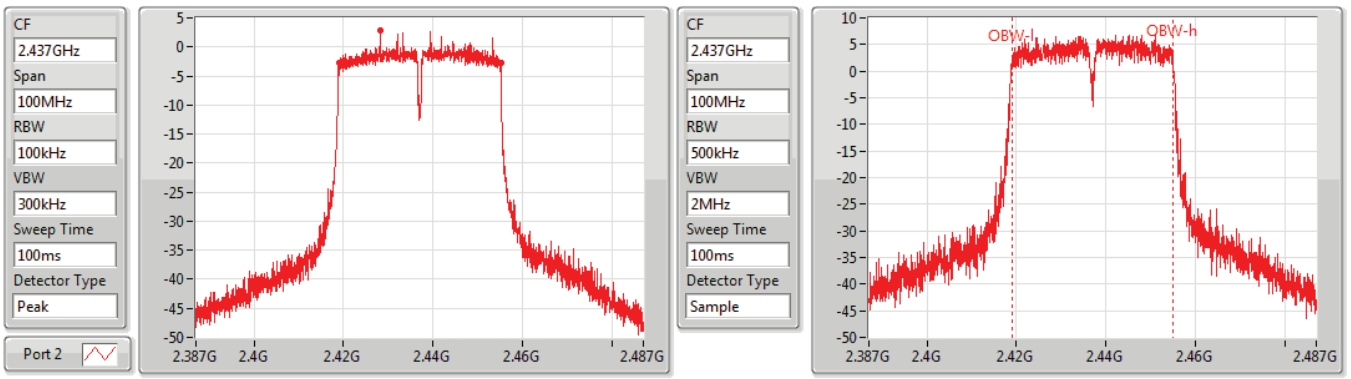


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4041G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

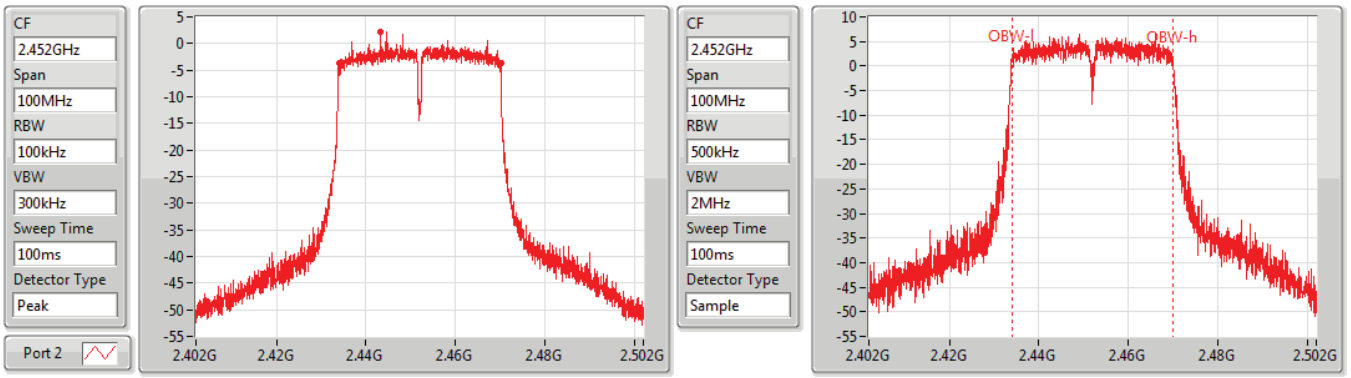


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4191G	2.45515G	36.132M	2.418909G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

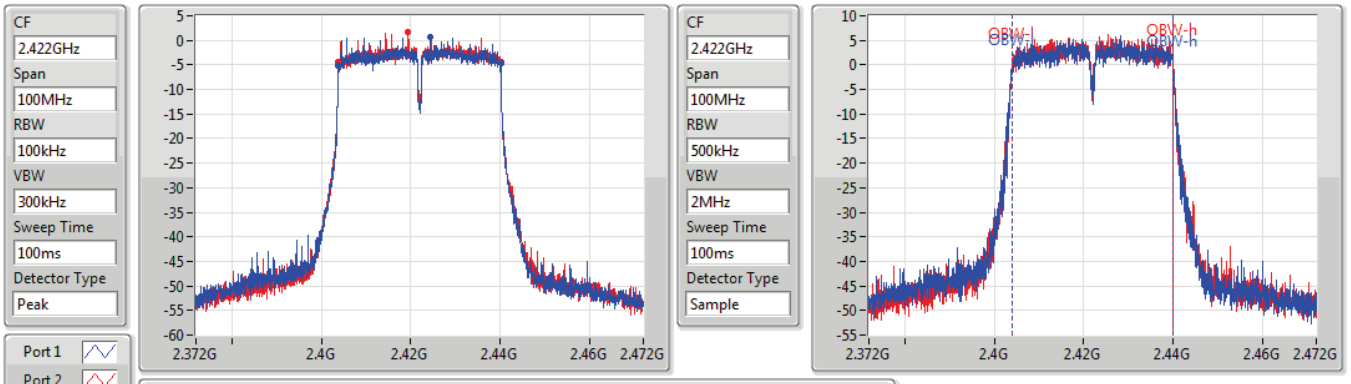


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4341G	2.47015G	36.132M	2.433909G	2.470041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

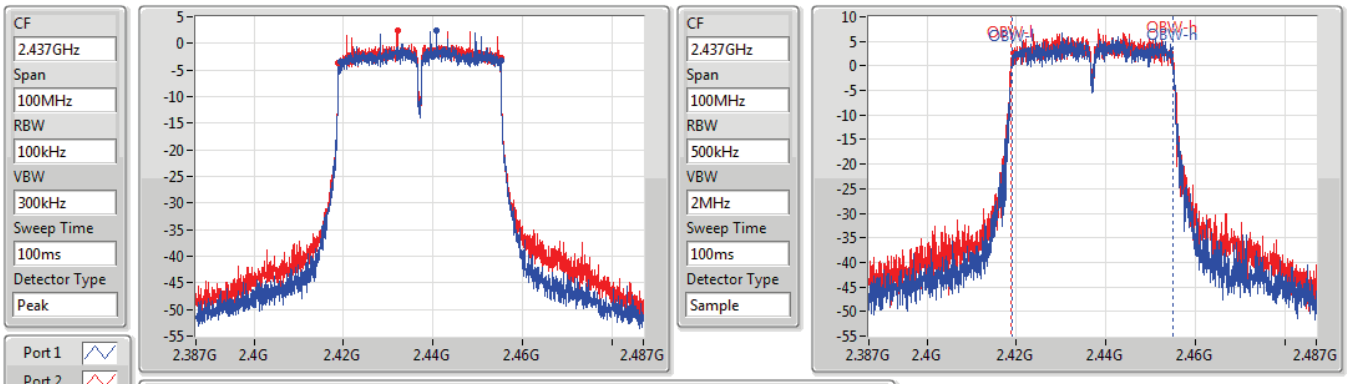


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	36.032M	2.403959G	2.439991G	500k	1
36.3M	2.40385G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

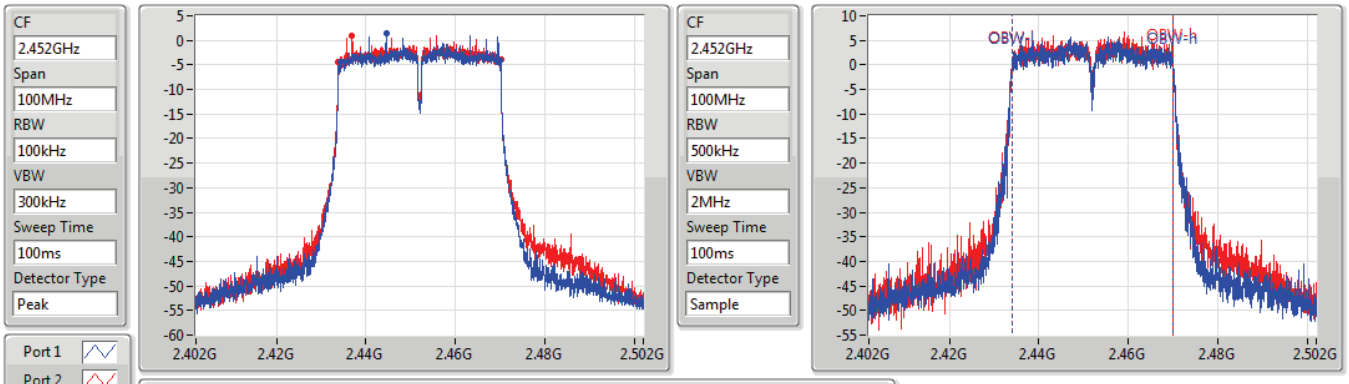


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4192G	2.45515G	36.032M	2.418959G	2.454991G	500k	1
36.3M	2.41885G	2.45515G	36.182M	2.418859G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019

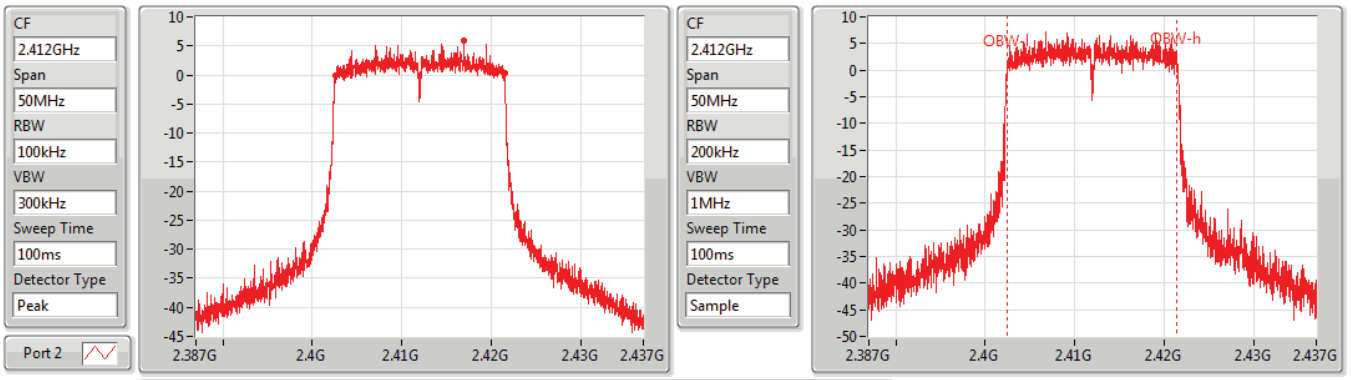


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.4344G	2.4701G	36.082M	2.433959G	2.470041G	500k	1
36.3M	2.43385G	2.47015G	36.032M	2.433959G	2.469991G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

12/08/2019

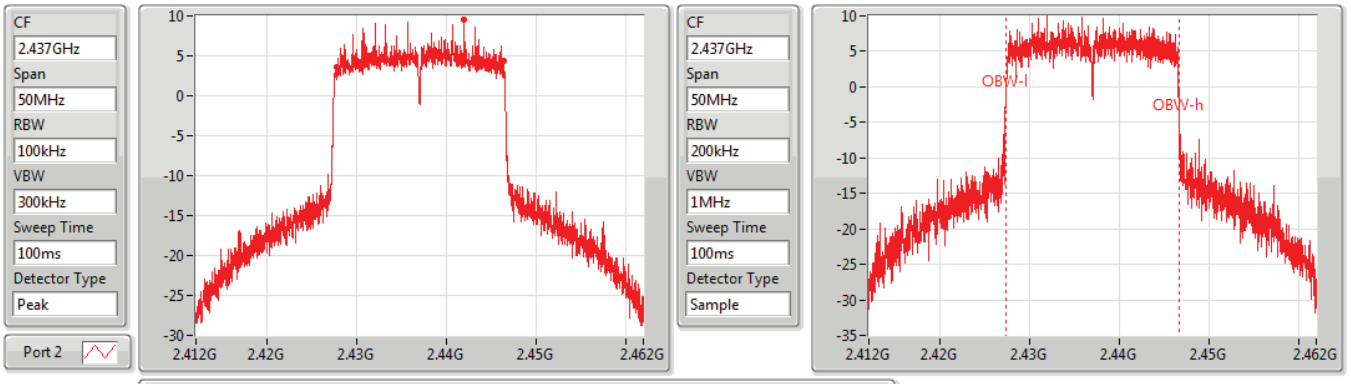


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.402575G	2.4215G	18.966M	2.402505G	2.42147G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

12/08/2019

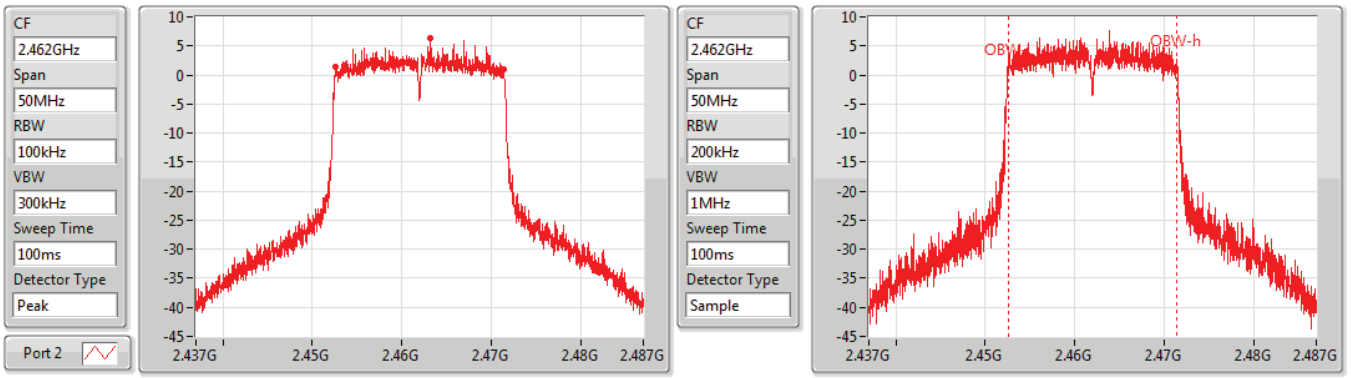


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.675M	2.427675G	2.44635G	19.415M	2.427305G	2.44672G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

12/08/2019

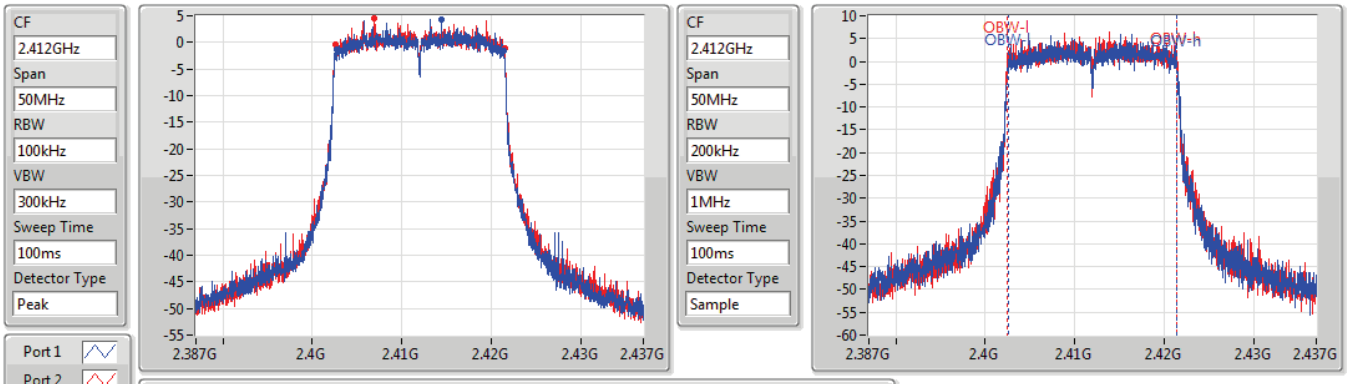


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.45265G	2.4714G	18.941M	2.45253G	2.47147G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

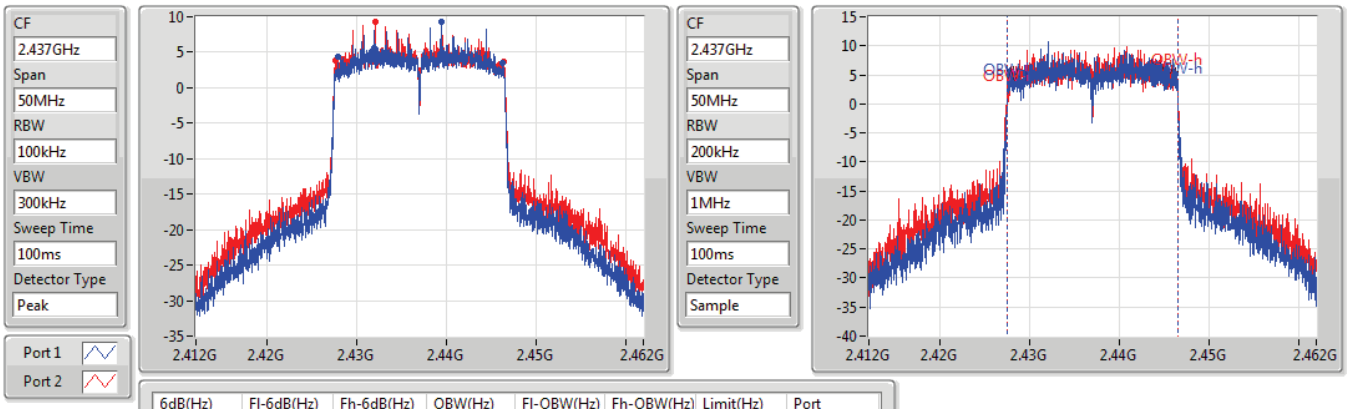


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.65M	2.40275G	2.4214G	18.891M	2.40253G	2.42142G	500k	1
18.825M	2.40265G	2.421475G	18.941M	2.402505G	2.421445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

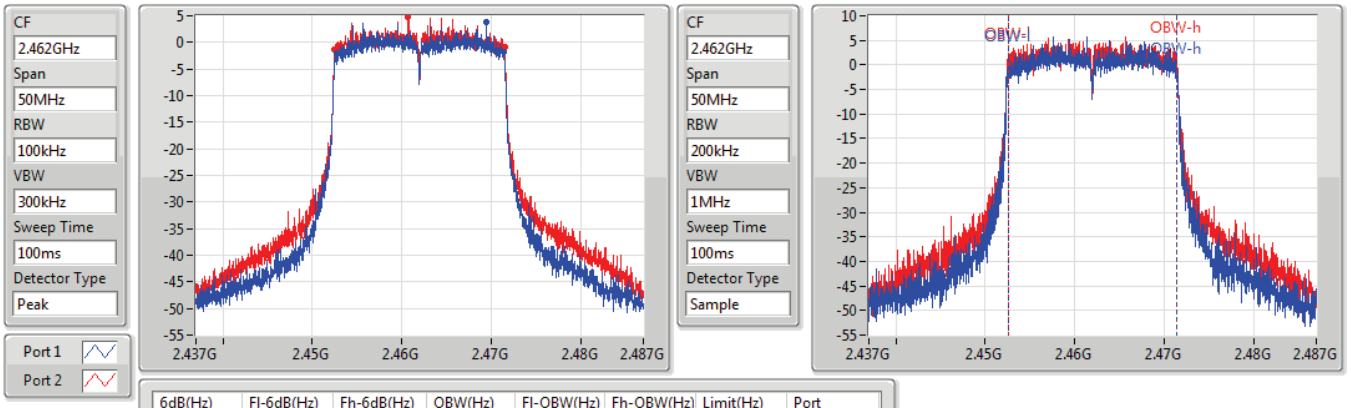


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.325M	2.4279G	2.446225G	18.991M	2.427505G	2.446495G	500k	1
18.7M	2.42765G	2.44635G	19.14M	2.427405G	2.446545G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

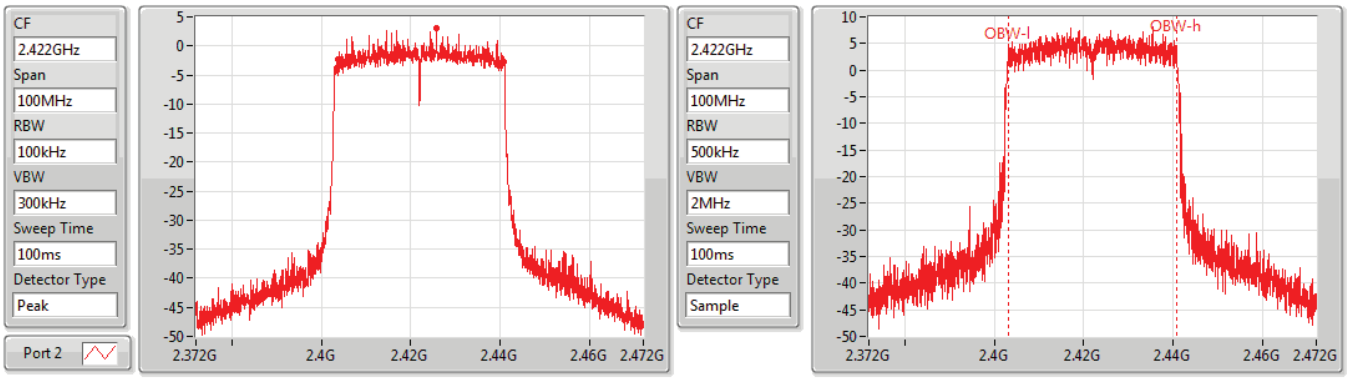


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.4527G	2.471425G	18.841M	2.452555G	2.471395G	500k	1
18.975M	2.4525G	2.471475G	18.891M	2.45253G	2.47142G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

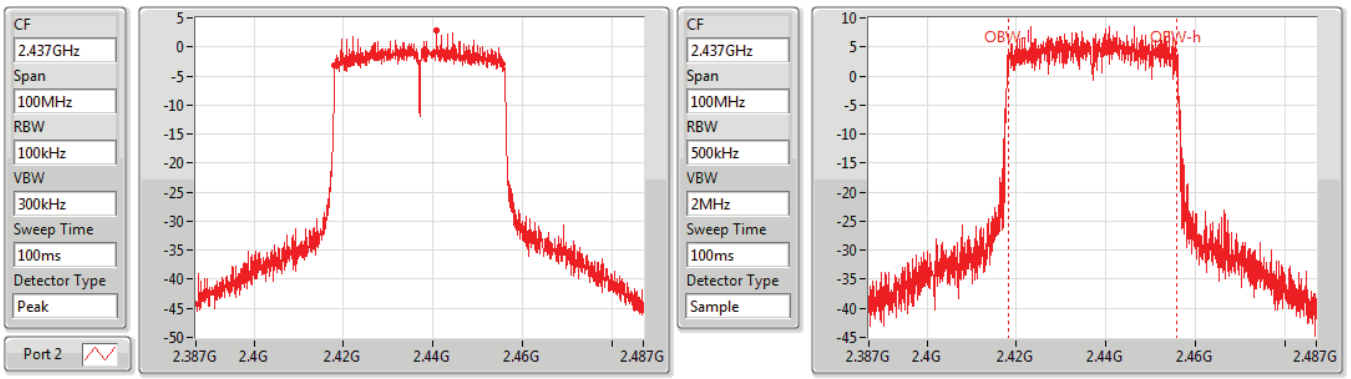


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.05M	2.40385G	2.4409G	37.731M	2.403109G	2.440841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

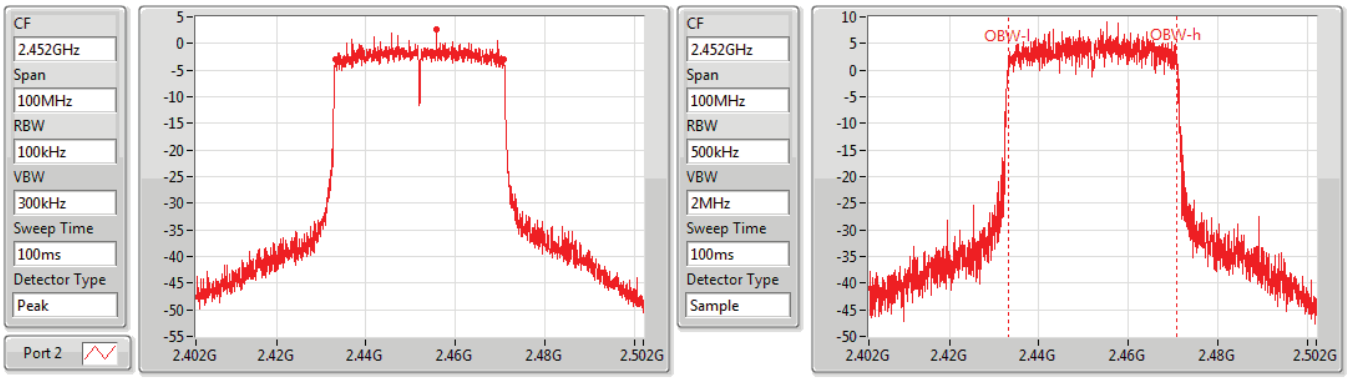


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.41805G	2.4556G	37.831M	2.418059G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

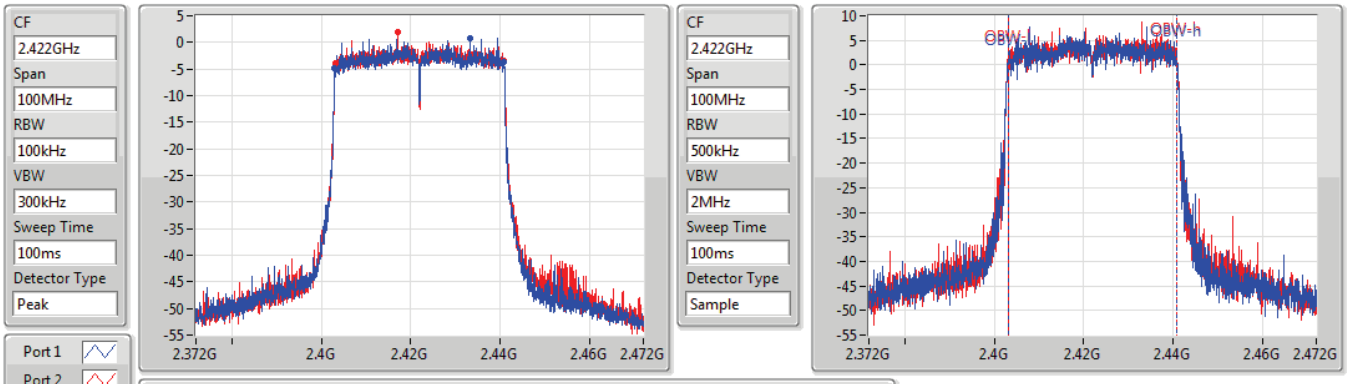


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.43315G	2.4708G	37.681M	2.433159G	2.470841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

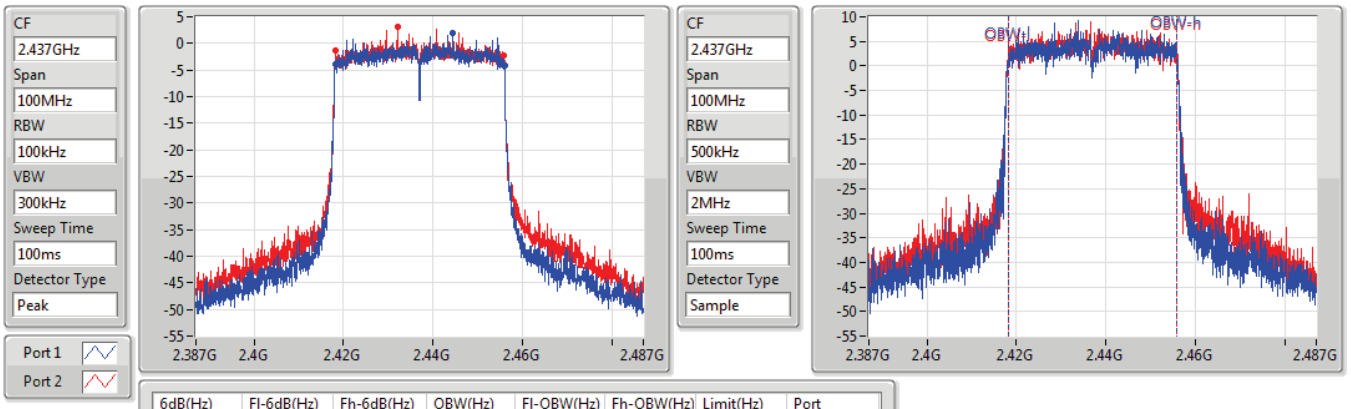


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.403G	2.4409G	37.681M	2.403109G	2.440791G	500k	1
37.6M	2.40325G	2.44085G	37.681M	2.403159G	2.440841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

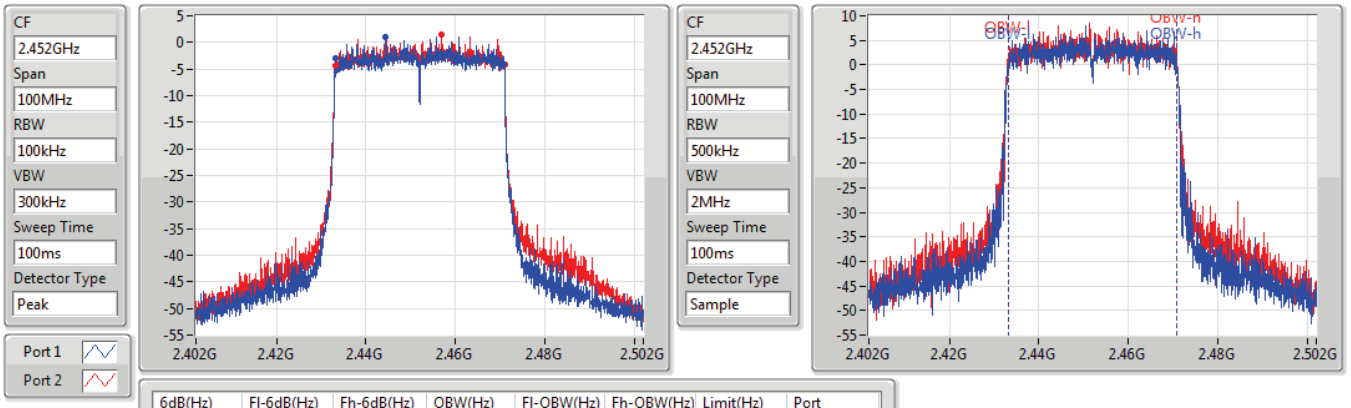


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.85M	2.4181G	2.45595G	37.631M	2.418159G	2.455791G	500k	1
37.5M	2.41825G	2.45575G	37.781M	2.418109G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4332G	2.47085G	37.681M	2.433159G	2.470841G	500k	1
37.85M	2.4331G	2.47095G	37.681M	2.433109G	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)_1TX(Port2)	8.525M	13.743M	13M7G1D	7.975M	12.894M
802.11b_Nss1,(1Mbps)_2TX	8.025M	13.068M	13M1G1D	7.55M	12.794M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.325M	16.517M	16M5D1D	16.3M	16.367M
802.11g_Nss1,(6Mbps)_2TX	16.325M	16.442M	16M4D1D	16.275M	16.392M
VHT20_Nss1,(MCS0)_1TX(Port2)	17.55M	17.616M	17M6D1D	17.5M	17.591M
VHT20_Nss1,(MCS0)_2TX	17.575M	17.616M	17M6D1D	16.775M	17.566M
VHT40_Nss1,(MCS0)_1TX(Port2)	36.3M	36.082M	36M1D1D	36.05M	36.082M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.132M	36M1D1D	35.35M	36.032M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.925M	18.916M	18M9D1D	18.775M	18.891M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.925M	18.941M	18M9D1D	18.7M	18.866M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	37.95M	37.781M	37M8D1D	37.9M	37.681M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.8M	37.781M	37M8D1D	37.4M	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)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			7.975M	12.894M
2417MHz						
2437MHz	Pass	500k			8.525M	13.743M
2457MHz						
2462MHz	Pass	500k			8.525M	13.143M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.575M	12.919M	7.55M	12.794M
2417MHz						
2437MHz	Pass	500k	7.975M	13.043M	8.025M	12.844M
2457MHz						
2462MHz	Pass	500k	8.025M	13.068M	7.55M	12.894M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.3M	16.367M
2417MHz						
2437MHz	Pass	500k			16.325M	16.517M
2457MHz						
2462MHz	Pass	500k			16.325M	16.367M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.3M	16.392M	16.3M	16.392M
2417MHz						
2437MHz	Pass	500k	16.325M	16.417M	16.275M	16.442M
2457MHz						
2462MHz	Pass	500k	16.3M	16.417M	16.325M	16.392M
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			17.55M	17.616M
2417MHz						
2437MHz	Pass	500k			17.5M	17.591M
2457MHz						
2462MHz	Pass	500k			17.525M	17.591M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.55M	17.566M	17.275M	17.591M
2417MHz						
2437MHz	Pass	500k	16.775M	17.616M	16.9M	17.591M
2457MHz						
2462MHz	Pass	500k	17.25M	17.566M	17.575M	17.566M
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			36.05M	36.082M
2427MHz						
2437MHz	Pass	500k			36.05M	36.082M
2447MHz						
2452MHz	Pass	500k			36.3M	36.082M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.45M	36.032M	35.75M	36.132M

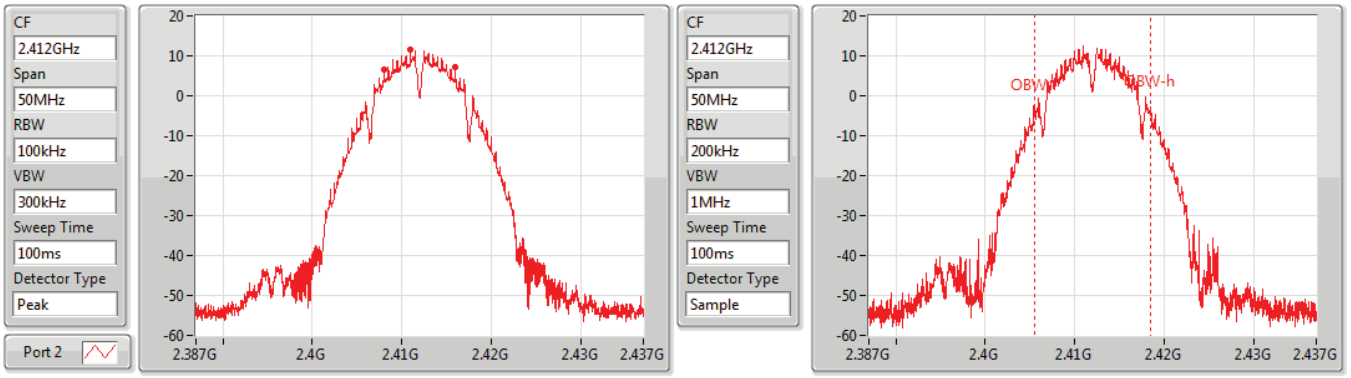
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
2427MHz						
2437MHz	Pass	500k	36.3M	36.082M	35.9M	36.082M
2447MHz						
2452MHz	Pass	500k	35.35M	36.132M	36.05M	36.082M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			18.925M	18.916M
2417MHz						
2437MHz	Pass	500k			18.8M	18.916M
2457MHz						
2462MHz	Pass	500k			18.775M	18.891M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.725M	18.941M	18.775M	18.916M
2417MHz						
2437MHz	Pass	500k	18.7M	18.866M	18.925M	18.941M
2457MHz						
2462MHz	Pass	500k	18.825M	18.891M	18.925M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			37.9M	37.731M
2427MHz						
2437MHz	Pass	500k			37.9M	37.781M
2447MHz						
2452MHz	Pass	500k			37.95M	37.681M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.4M	37.681M	37.6M	37.631M
2427MHz						
2437MHz	Pass	500k	37.8M	37.681M	37.6M	37.681M
2447MHz						
2452MHz	Pass	500k	37.75M	37.681M	37.8M	37.781M

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

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2412MHz

13/08/2019

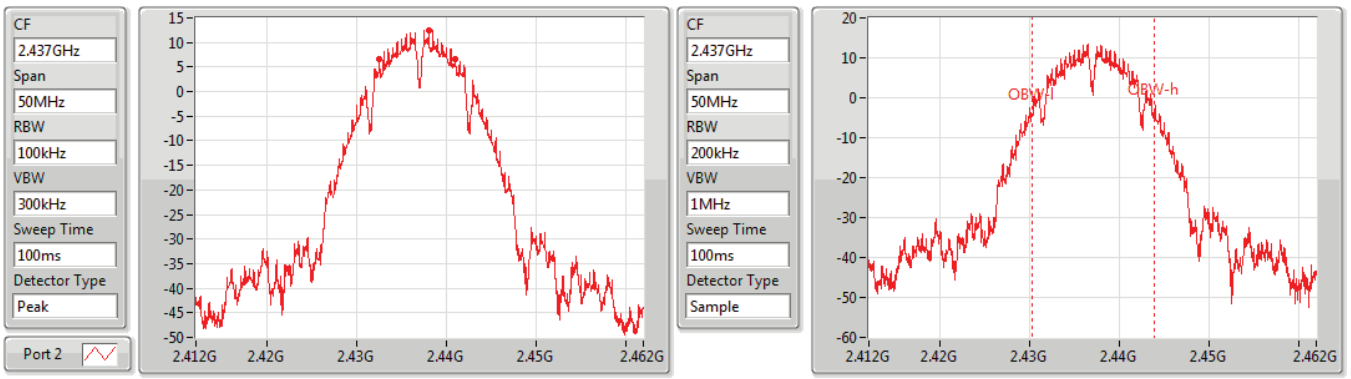


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.975M	2.408G	2.415975G	12.894M	2.405553G	2.418447G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2437MHz

13/08/2019

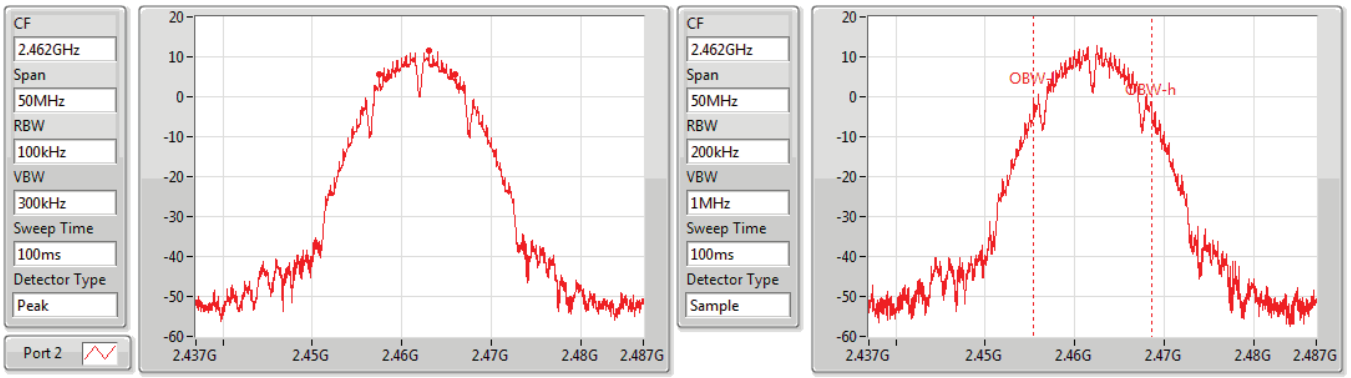


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.432475G	2.441G	13.743M	2.430178G	2.443922G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz

13/08/2019

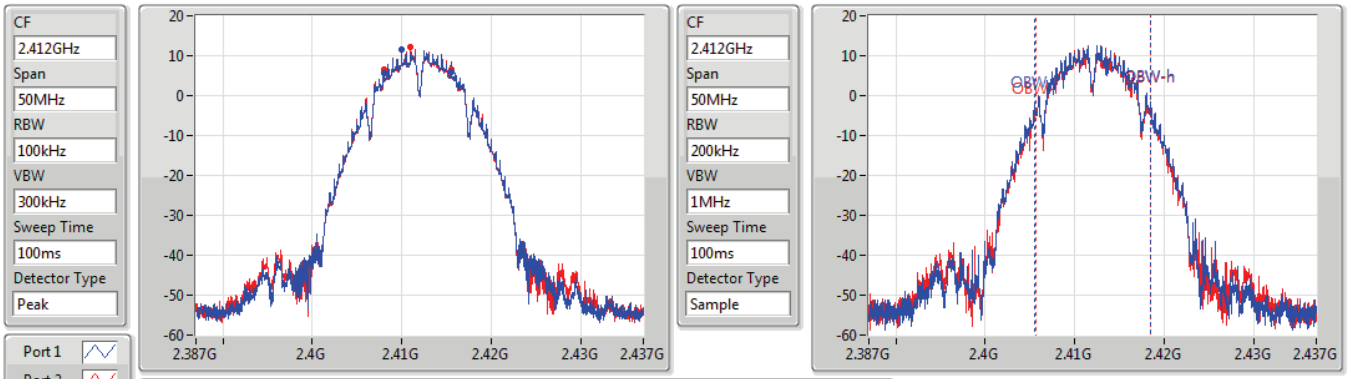


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.457475G	2.466G	13.143M	2.455428G	2.468572G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

13/08/2019

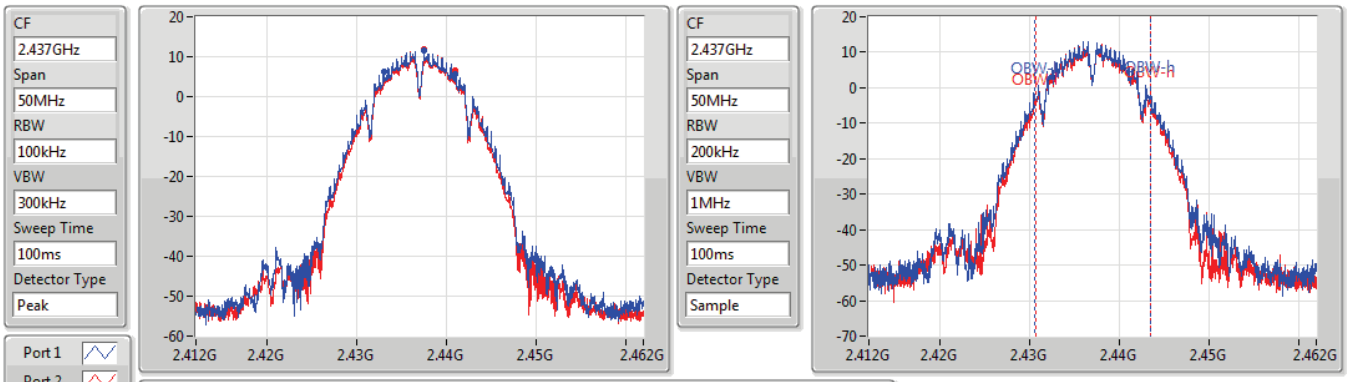


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.407975G	2.41555G	12.919M	2.405553G	2.418472G	500k	1
7.55M	2.407975G	2.415525G	12.794M	2.405653G	2.418447G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

13/08/2019

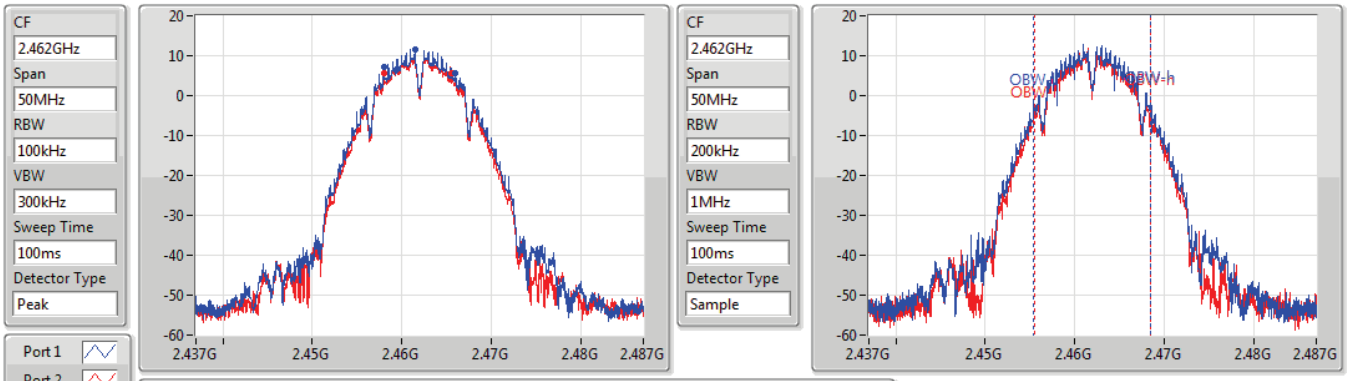


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.975M	2.433025G	2.441G	13.043M	2.430478G	2.443522G	500k	1
8.025M	2.432975G	2.441G	12.844M	2.430603G	2.443447G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

13/08/2019

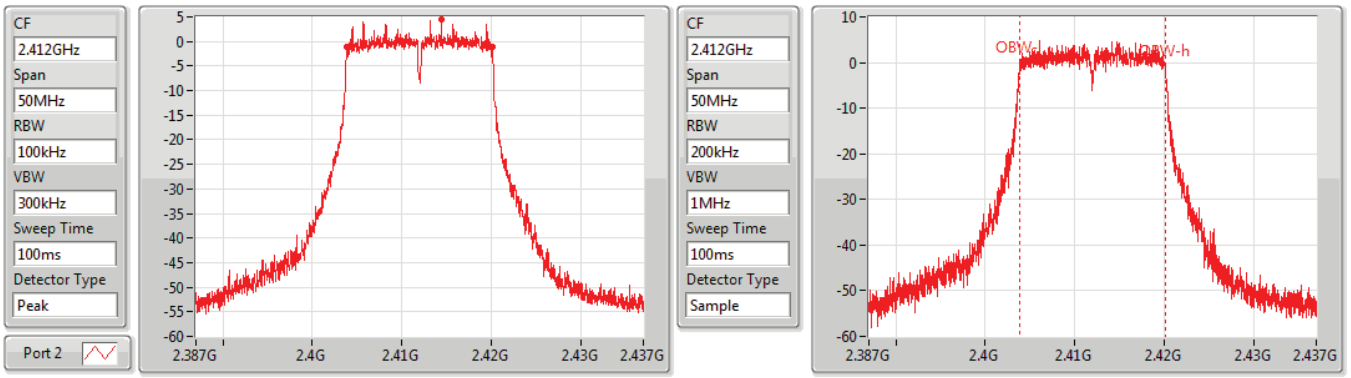


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.457975G	2.466G	13.068M	2.455453G	2.468522G	500k	1
7.55M	2.457975G	2.465525G	12.894M	2.455553G	2.468447G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2412MHz

13/08/2019

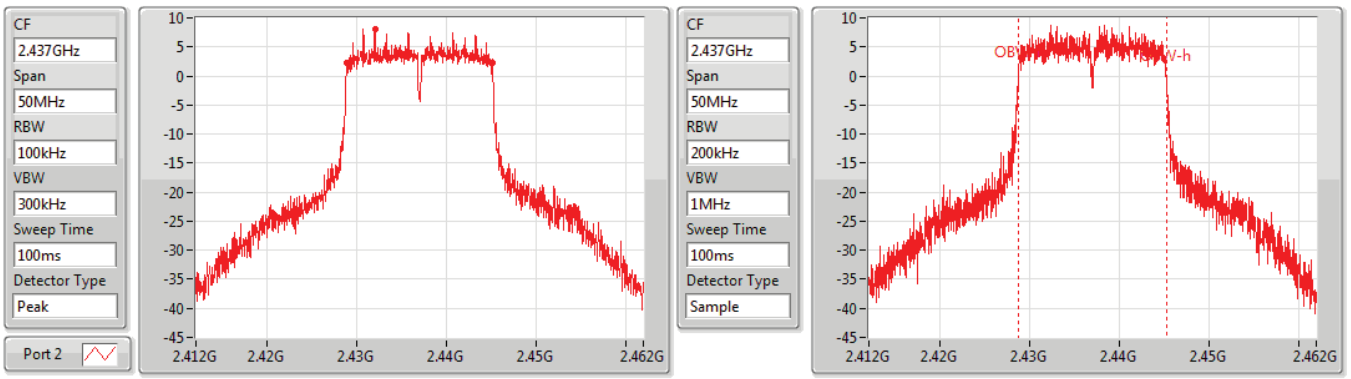


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.367M	2.403804G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2437MHz

13/08/2019

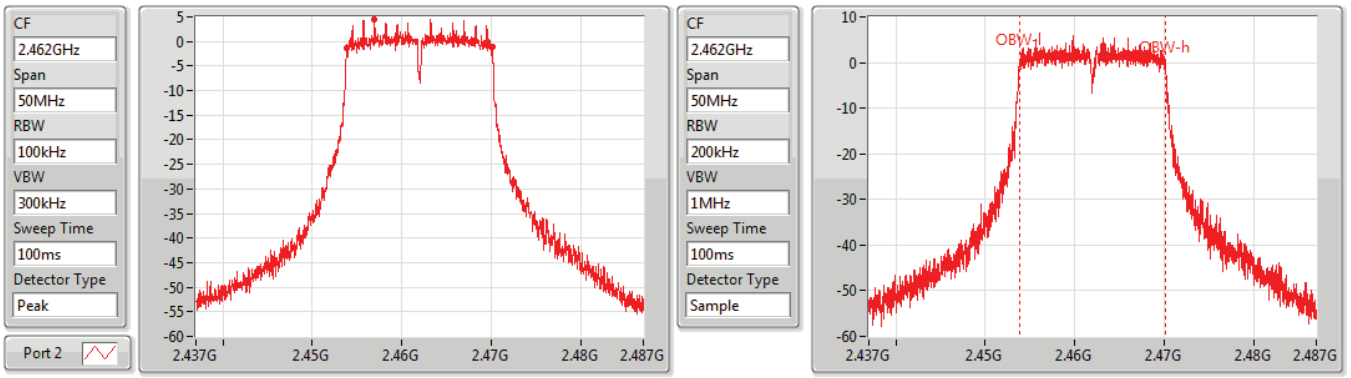


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.517M	2.428729G	2.445246G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz

13/08/2019

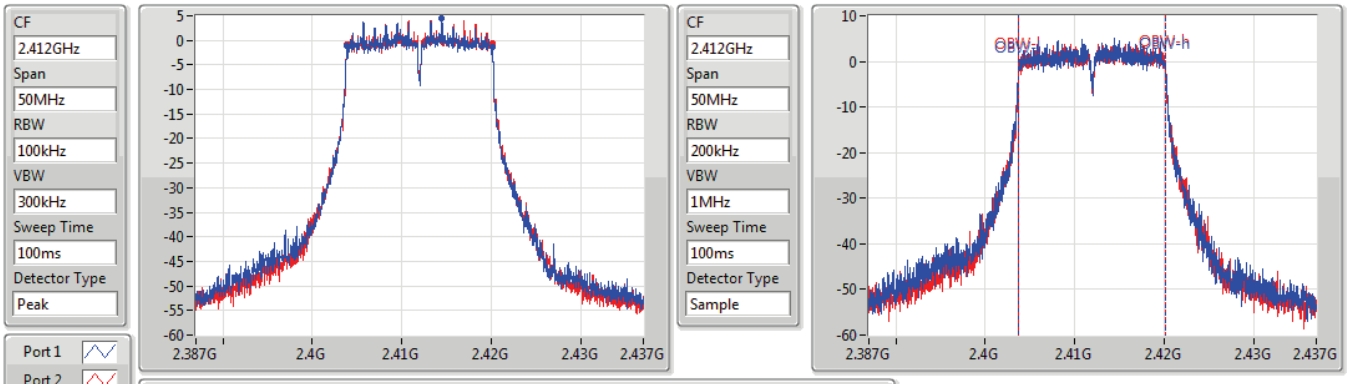


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.367M	2.453804G	2.470171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

13/08/2019

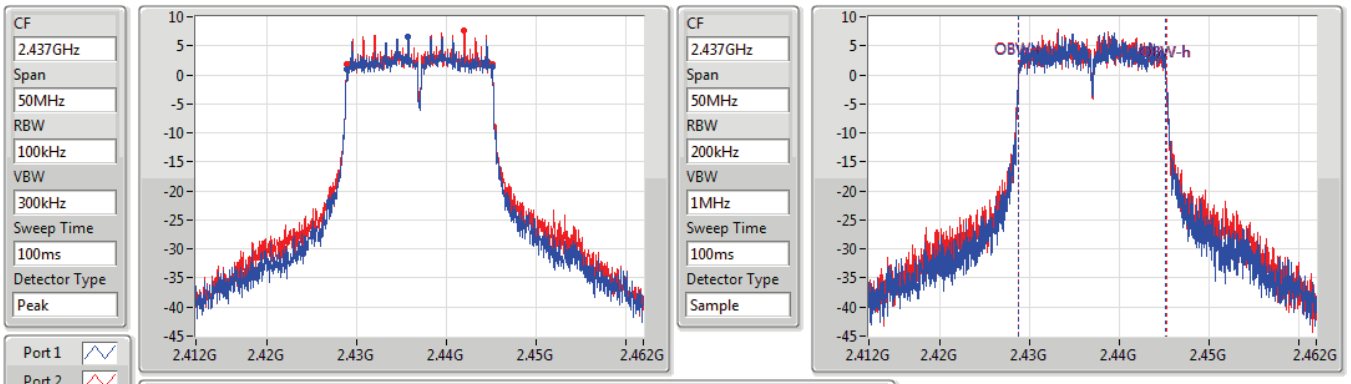


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.392M	2.403779G	2.420171G	500k	1
16.3M	2.40385G	2.42015G	16.392M	2.403779G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

13/08/2019

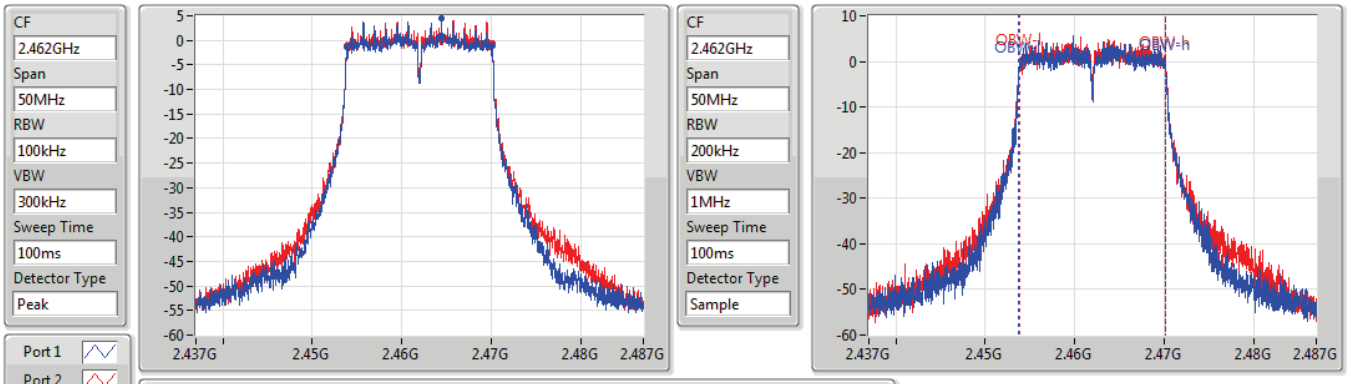


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.417M	2.428779G	2.445196G	500k	1
16.275M	2.42885G	2.445125G	16.442M	2.428779G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

13/08/2019

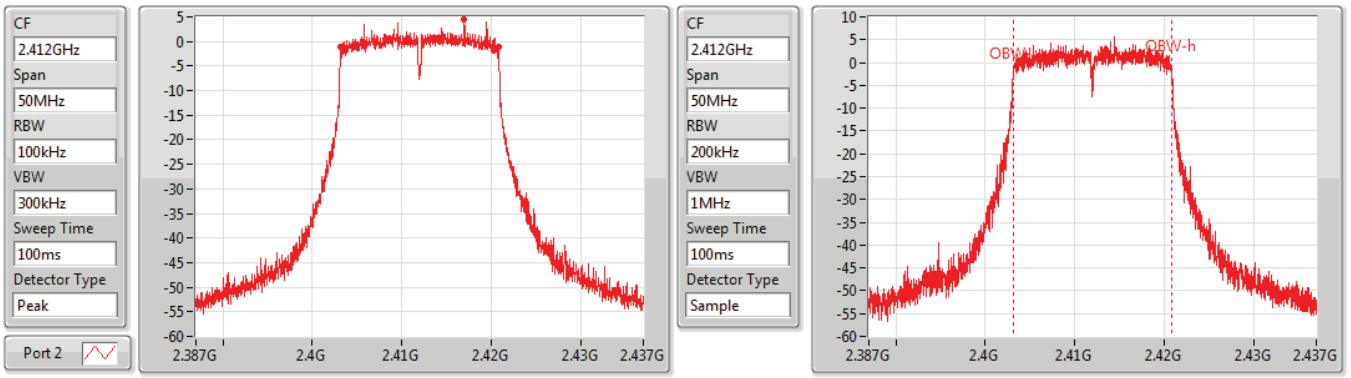


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.417M	2.453779G	2.470196G	500k	1
16.325M	2.453825G	2.47015G	16.392M	2.453804G	2.470196G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

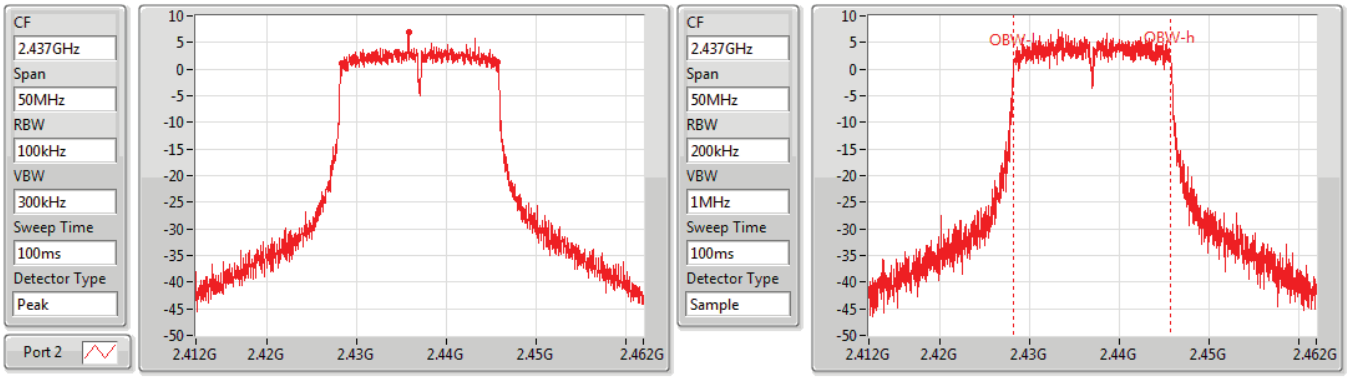


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.403225G	2.420775G	17.616M	2.403179G	2.420796G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

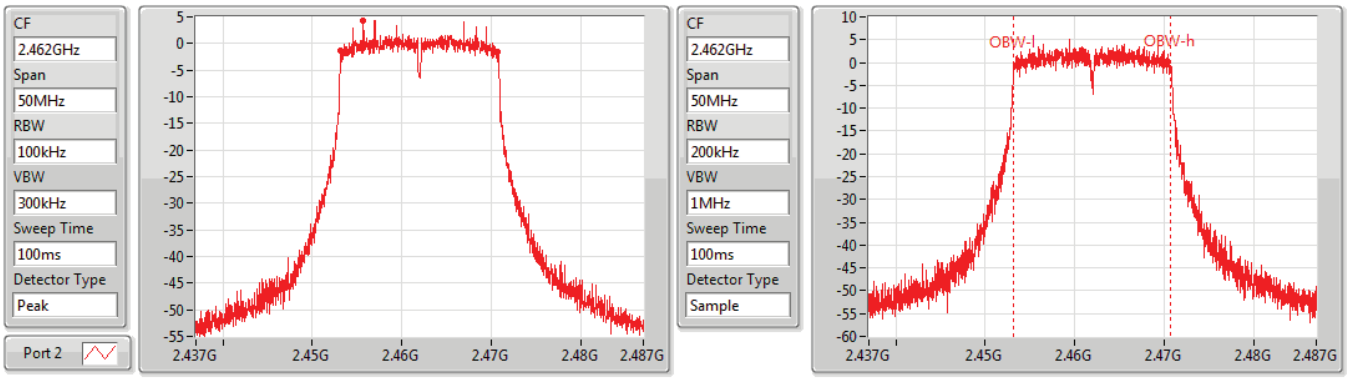


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	2.42825G	2.44575G	17.591M	2.428179G	2.445771G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

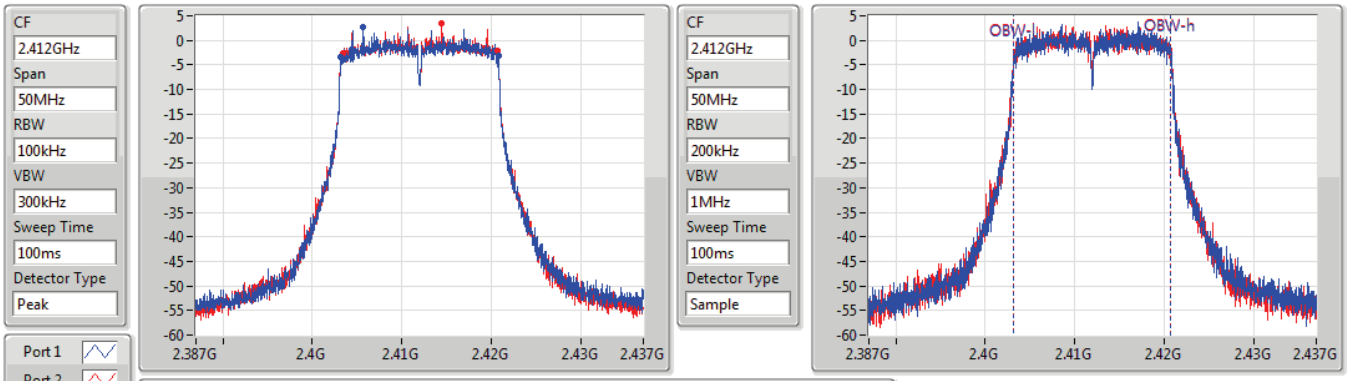


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

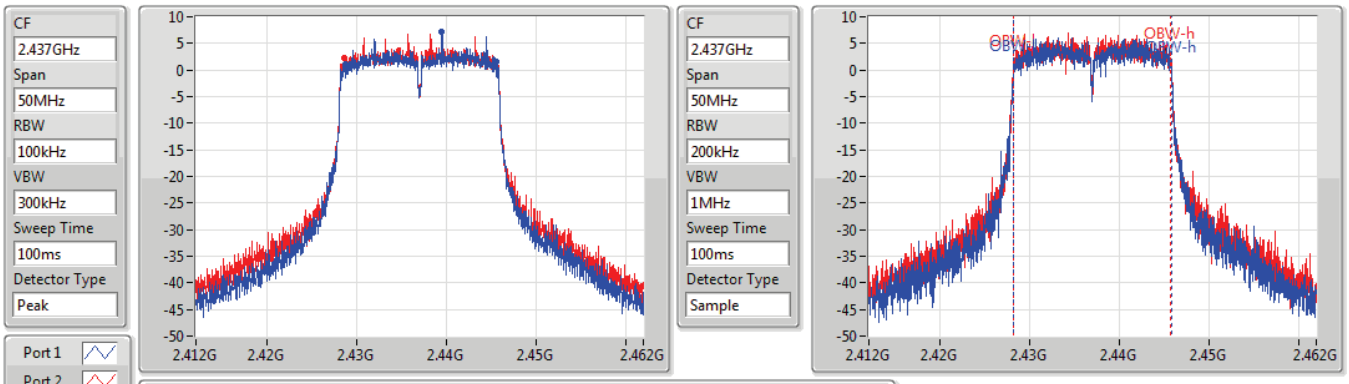


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.403225G	2.420775G	17.566M	2.403204G	2.420771G	500k	1
17.275M	2.403475G	2.42075G	17.591M	2.403179G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

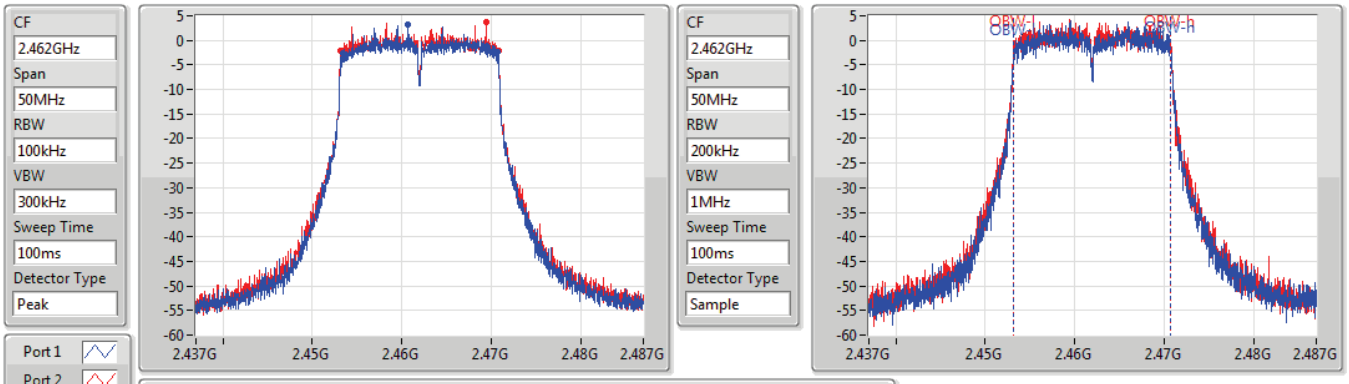


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.775M	2.428725G	2.4455G	17.616M	2.428179G	2.445796G	500k	1
16.9M	2.4286G	2.4455G	17.591M	2.428179G	2.445771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

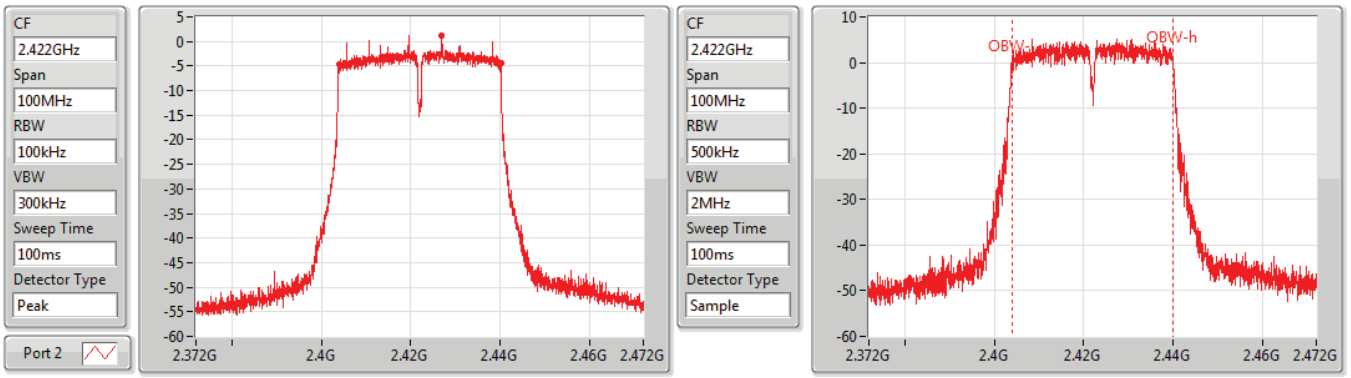


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.25M	2.4535G	2.47075G	17.566M	2.453204G	2.470771G	500k	1
17.575M	2.4532G	2.470775G	17.566M	2.453204G	2.470771G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

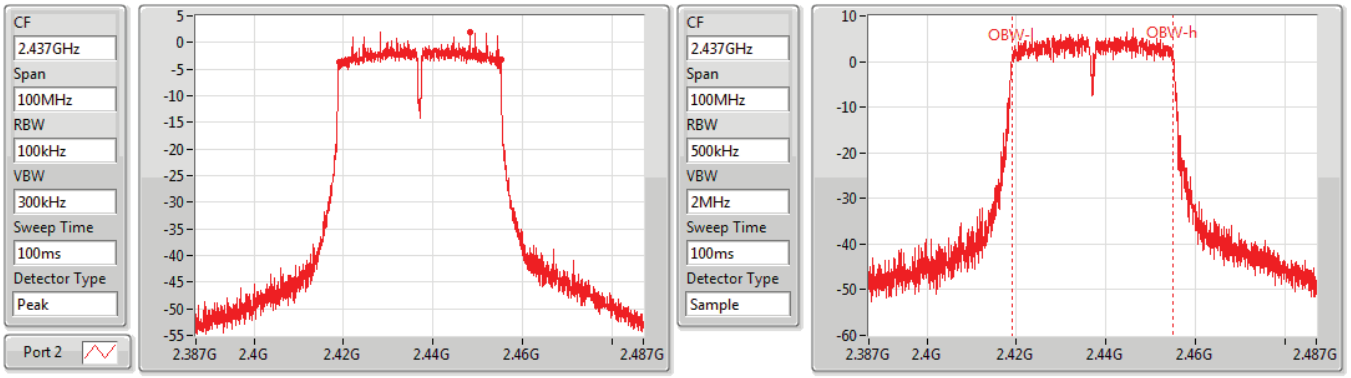


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4041G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

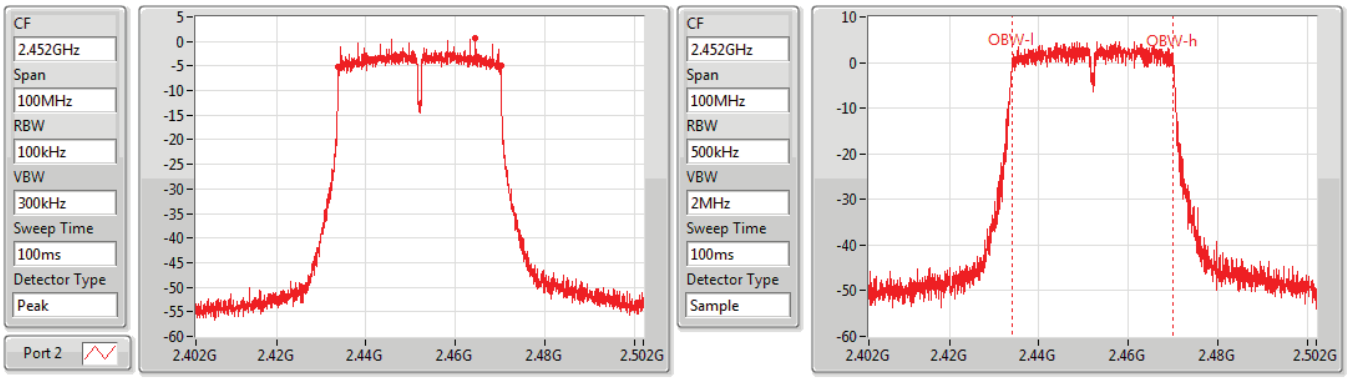


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4191G	2.45515G	36.082M	2.418959G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

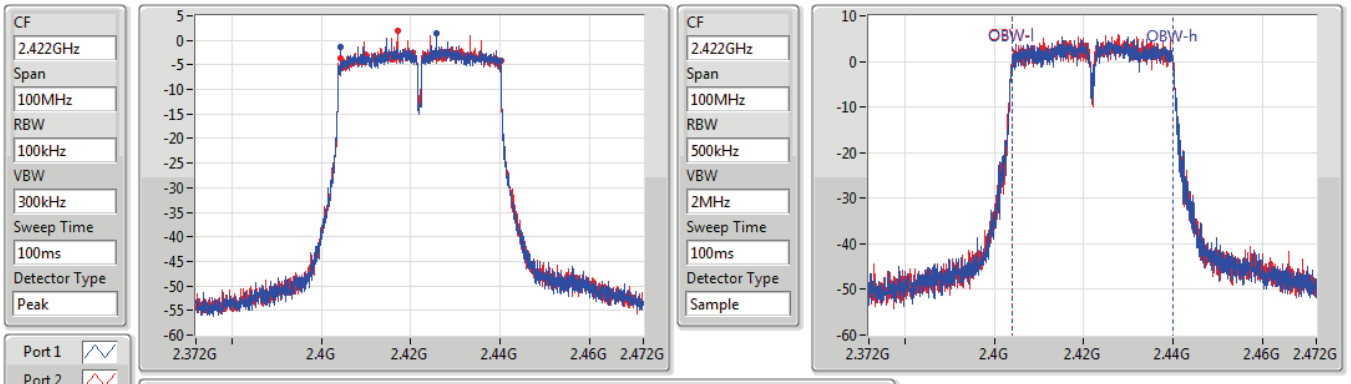


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.082M	2.433959G	2.470041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

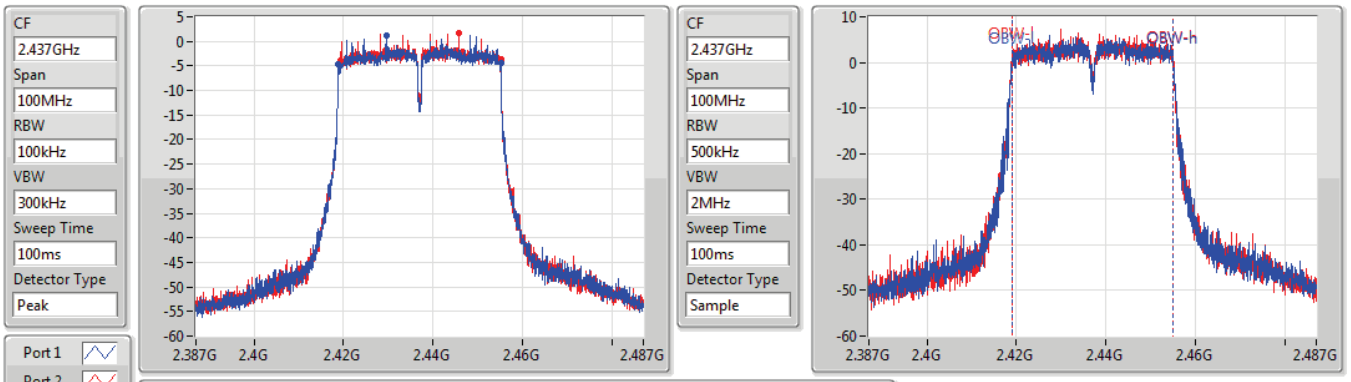


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.45M	2.40445G	2.4399G	36.032M	2.404009G	2.440041G	500k	1
35.75M	2.4044G	2.44015G	36.132M	2.403909G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

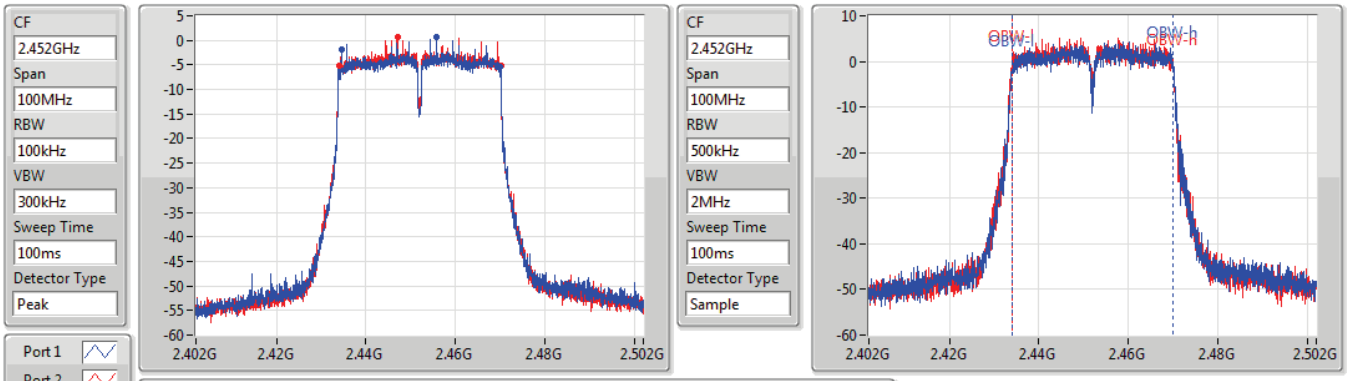


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.082M	2.418959G	2.455041G	500k	1
35.9M	2.41925G	2.45515G	36.082M	2.418959G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019

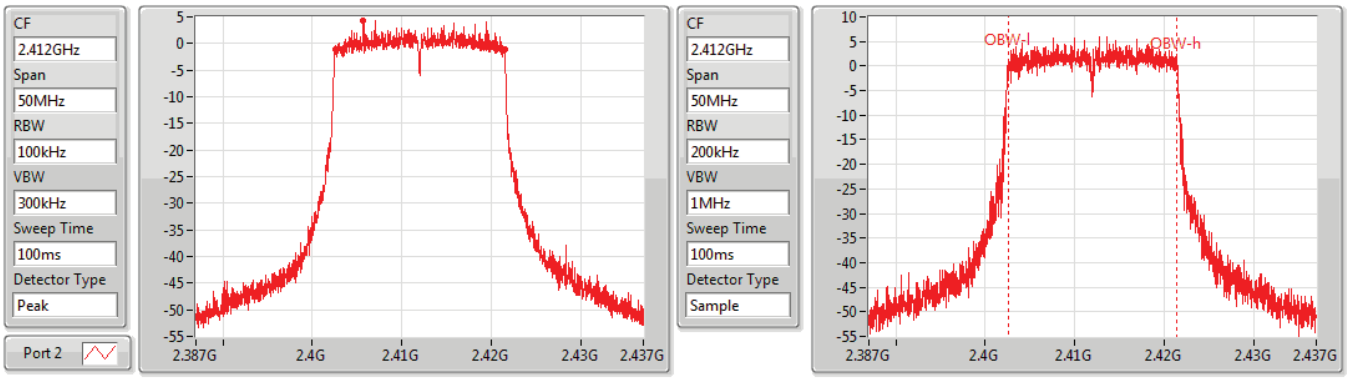


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	2.4345G	2.46985G	36.132M	2.433959G	2.470091G	500k	1
36.05M	2.4341G	2.47015G	36.082M	2.433909G	2.469991G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

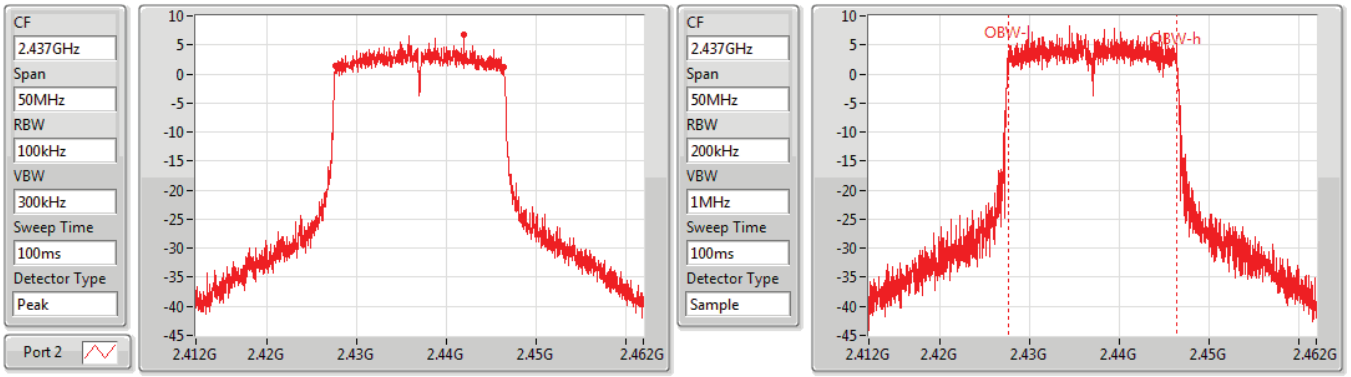


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.40255G	2.421475G	18.916M	2.40253G	2.421445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

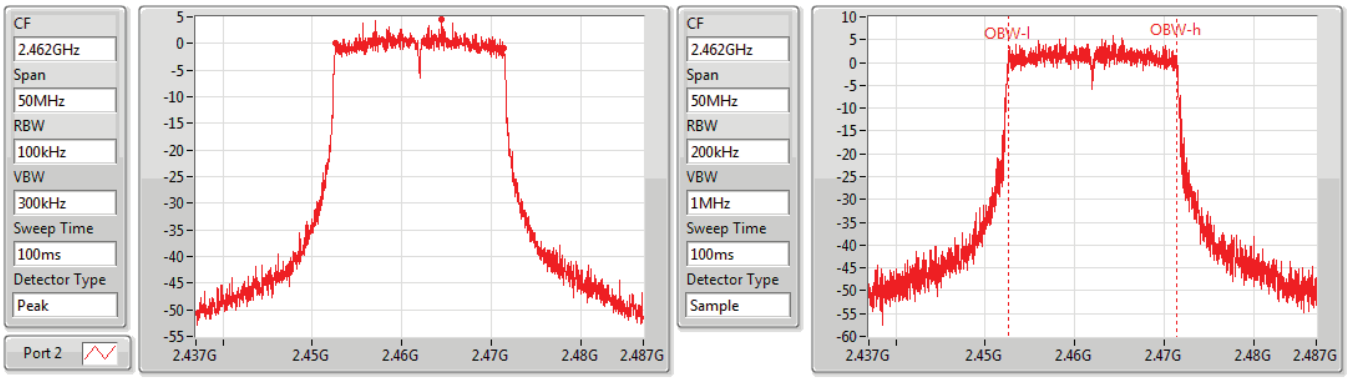


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.427625G	2.446425G	18.916M	2.42753G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

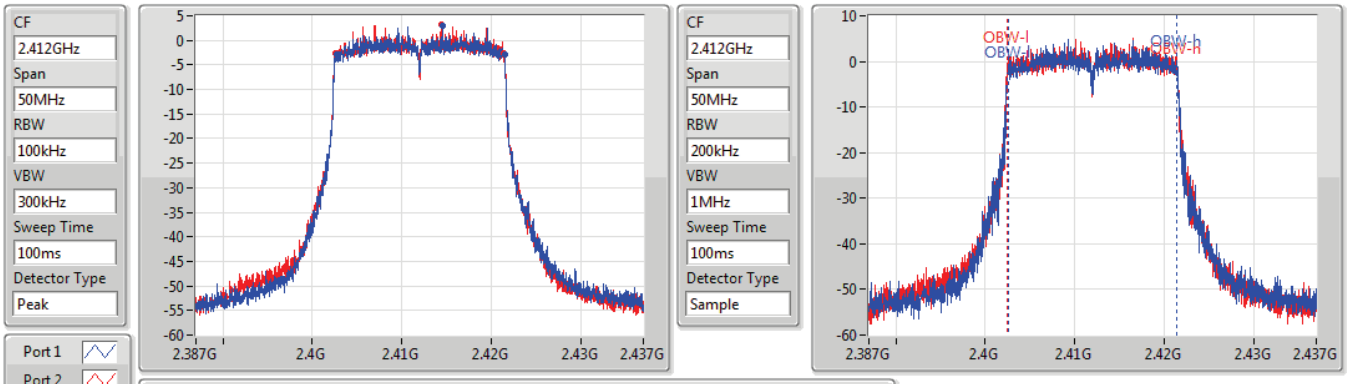


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.775M	2.45265G	2.471425G	18.891M	2.452555G	2.471445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

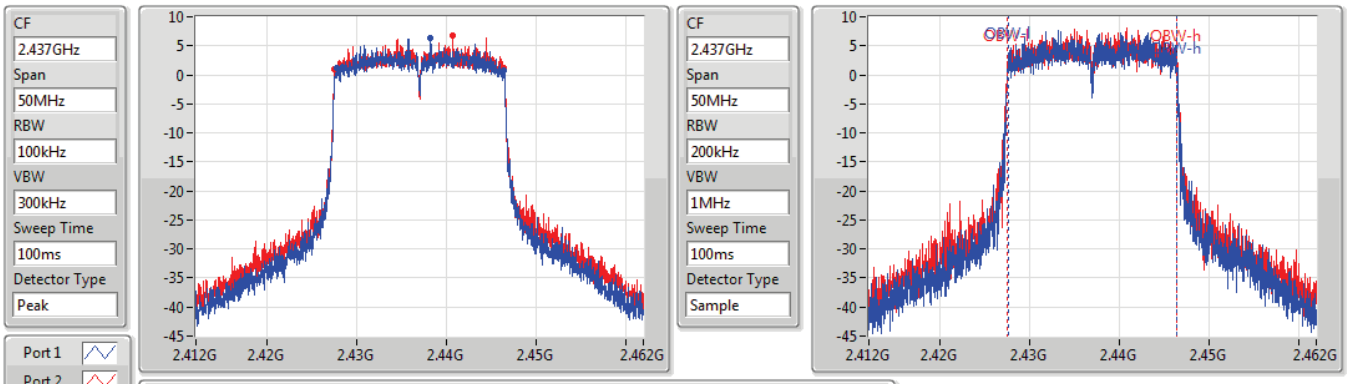


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.40275G	2.421475G	18.941M	2.40253G	2.42147G	500k	1
18.775M	2.402575G	2.42135G	18.916M	2.402505G	2.42142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

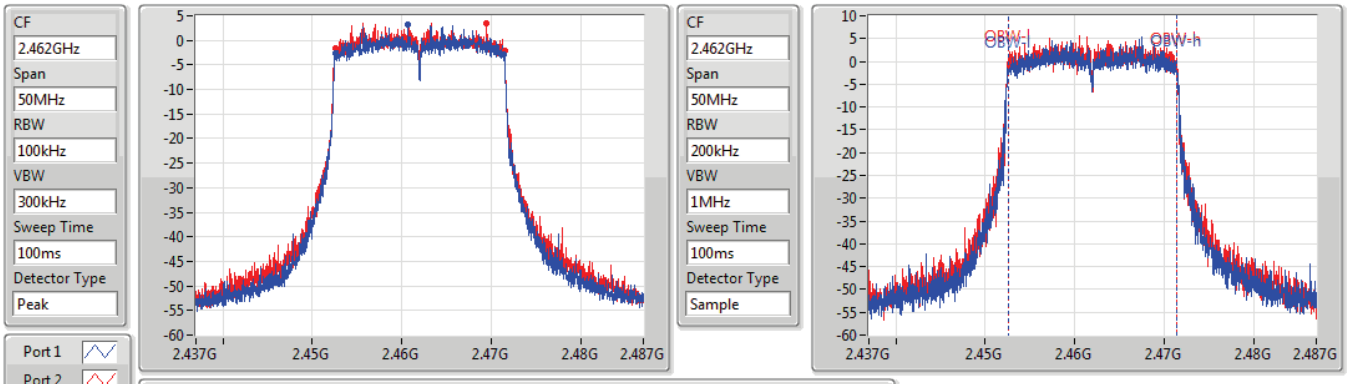


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.7M	2.42775G	2.44645G	18.866M	2.427555G	2.44642G	500k	1
18.925M	2.427525G	2.44645G	18.941M	2.427505G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

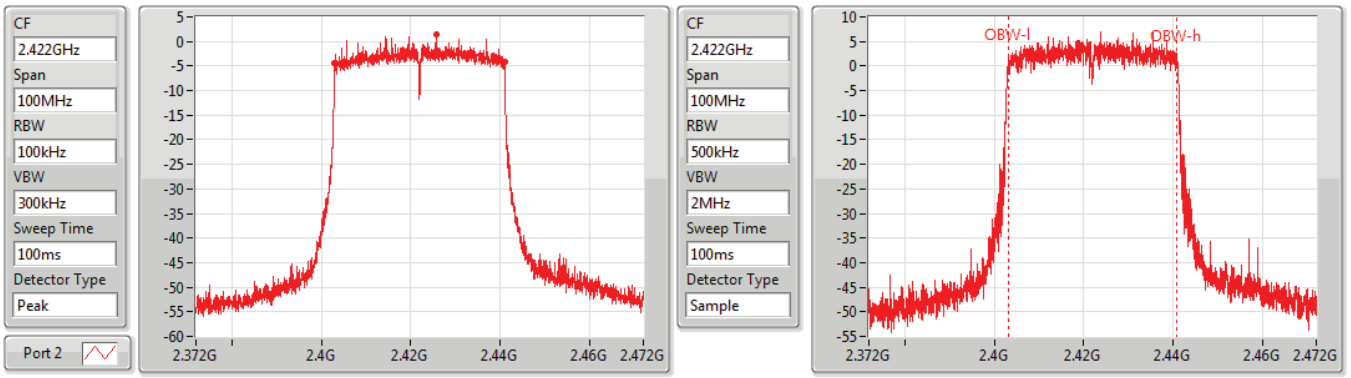


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.4526G	2.471425G	18.891M	2.45253G	2.47142G	500k	1
18.925M	2.45255G	2.471475G	18.891M	2.45253G	2.47142G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

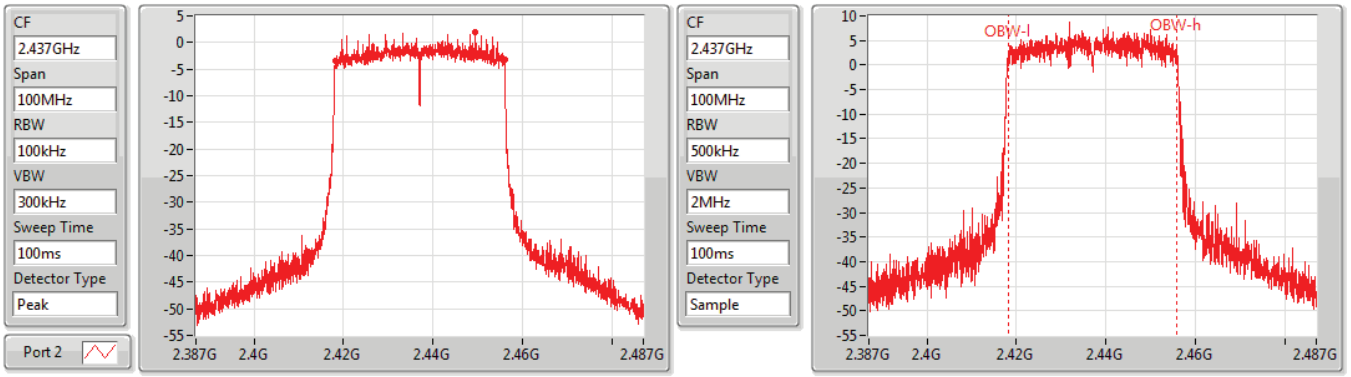


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.40305G	2.44095G	37.731M	2.403159G	2.440891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

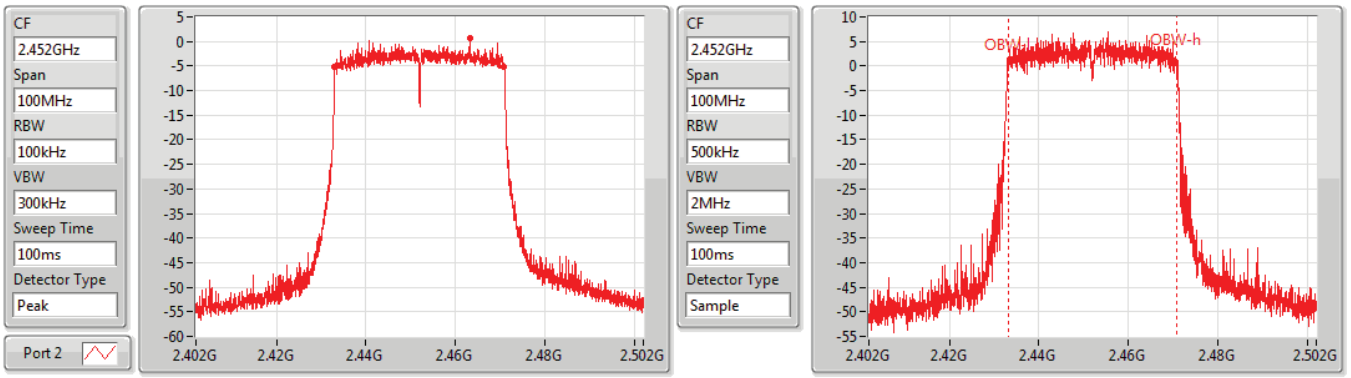


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.4181G	2.456G	37.781M	2.418109G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

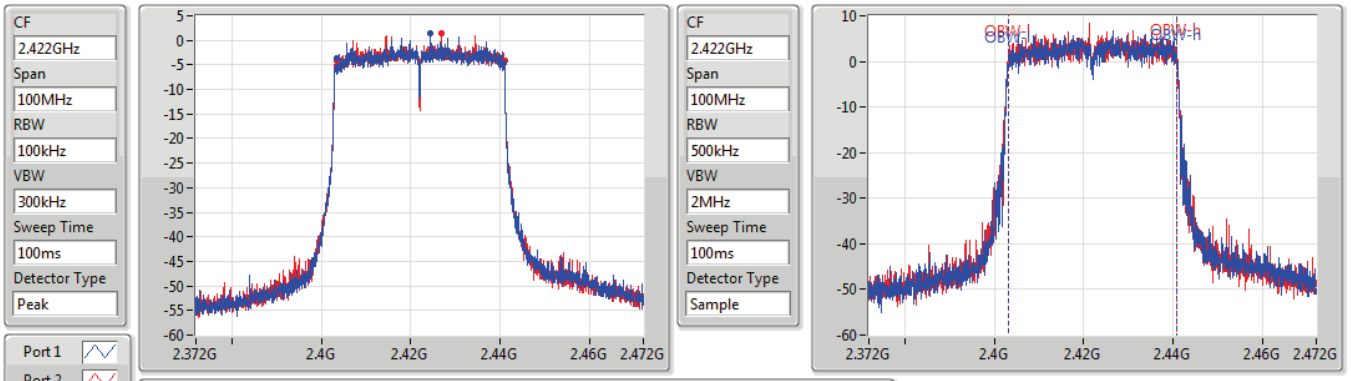


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	2.43295G	2.4709G	37.681M	2.433159G	2.470841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

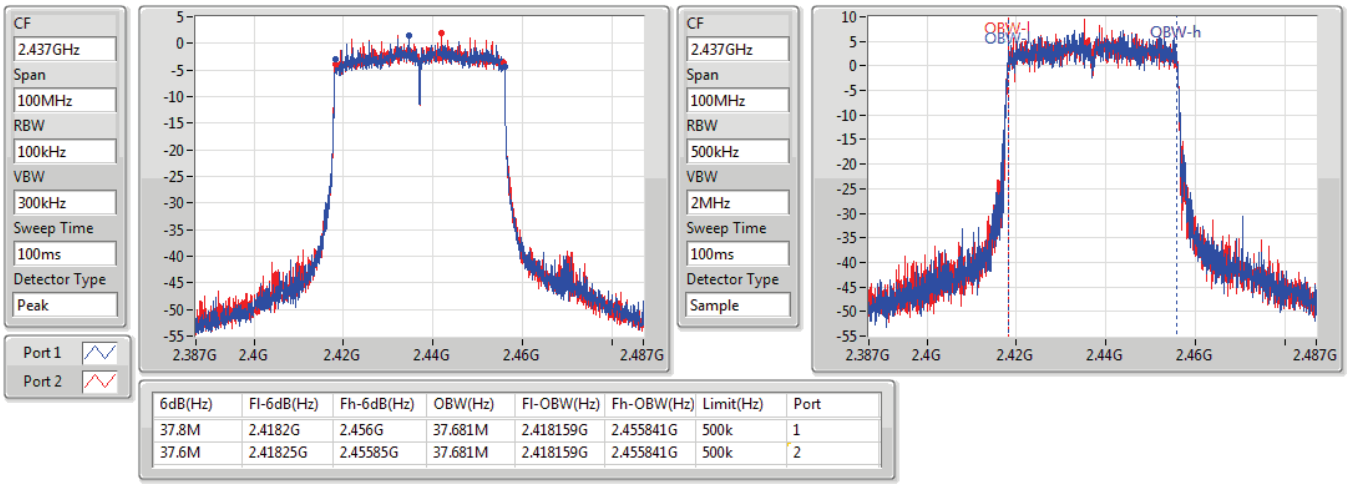


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	2.40345G	2.44085G	37.681M	2.403159G	2.440841G	500k	1
37.6M	2.4034G	2.441G	37.631M	2.403159G	2.440791G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

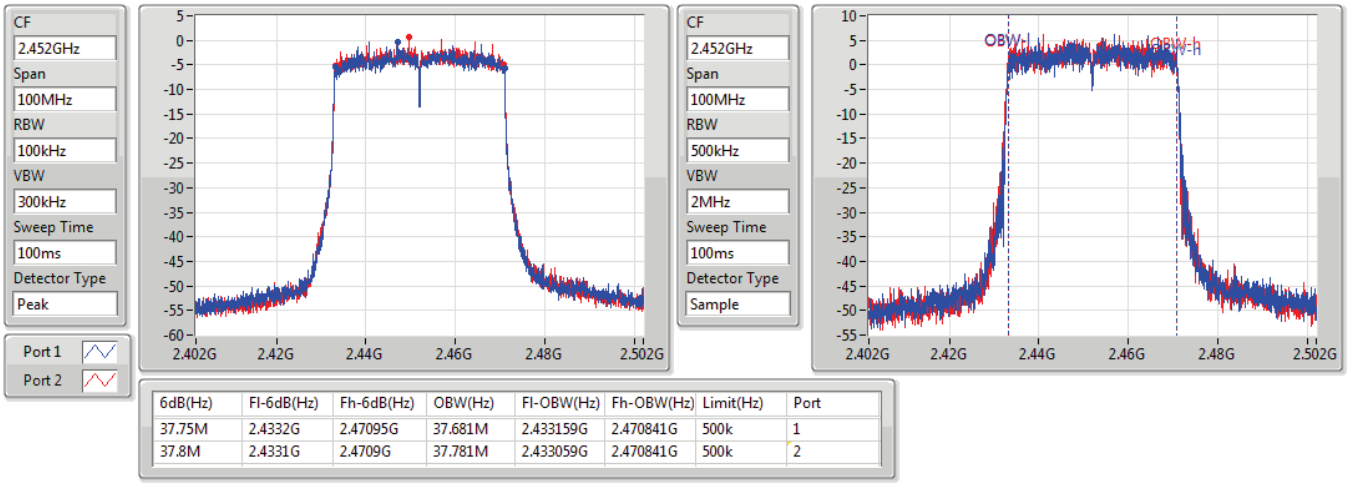


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4182G	2.456G	37.681M	2.418159G	2.455841G	500k	1
37.6M	2.41825G	2.45585G	37.681M	2.418159G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.4332G	2.47095G	37.681M	2.433159G	2.470841G	500k	1
37.8M	2.4331G	2.4709G	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)_1TX(Port2)	8.05M	14.868M	14M9G1D	8M	12.969M
802.11b_Nss1,(1Mbps)_2TX	8.075M	14.793M	14M8G1D	7.05M	12.719M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.3M	16.717M	16M7D1D	16.275M	16.367M
802.11g_Nss1,(6Mbps)_2TX	16.3M	17.091M	17M1D1D	15.65M	16.367M
VHT20_Nss1,(MCS0)_1TX(Port2)	17.525M	17.841M	17M8D1D	17.525M	17.591M
VHT20_Nss1,(MCS0)_2TX	17.55M	17.666M	17M7D1D	17.15M	17.541M
VHT40_Nss1,(MCS0)_1TX(Port2)	36.3M	36.082M	36M1D1D	36.05M	36.082M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.082M	36M1D1D	35.45M	35.982M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.95M	19.115M	19M1D1D	18.75M	18.916M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.9M	18.941M	18M9D1D	18.225M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	38.1M	37.731M	37M7D1D	37.8M	37.731M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.8M	37.781M	37M8D1D	37.45M	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)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			8.05M	13.068M
2437MHz_TnomVnom	Pass	500k			8.025M	14.868M
2462MHz_TnomVnom	Pass	500k			8M	12.969M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	7.05M	12.919M	7.55M	12.894M
2437MHz_TnomVnom	Pass	500k	8.075M	13.918M	7.55M	14.793M
2462MHz_TnomVnom	Pass	500k	7.525M	12.719M	7.55M	12.944M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			16.3M	16.367M
2437MHz_TnomVnom	Pass	500k			16.275M	16.717M
2462MHz_TnomVnom	Pass	500k			16.3M	16.392M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.3M	16.392M	16.3M	16.367M
2437MHz_TnomVnom	Pass	500k	16.3M	16.642M	15.65M	17.091M
2462MHz_TnomVnom	Pass	500k	16.3M	16.367M	16.3M	16.392M
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			17.525M	17.616M
2437MHz_TnomVnom	Pass	500k			17.525M	17.841M
2462MHz_TnomVnom	Pass	500k			17.525M	17.591M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	17.3M	17.541M	17.55M	17.566M
2437MHz_TnomVnom	Pass	500k	17.275M	17.616M	17.525M	17.666M
2462MHz_TnomVnom	Pass	500k	17.15M	17.566M	17.525M	17.591M
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k			36.05M	36.082M
2437MHz_TnomVnom	Pass	500k			36.3M	36.082M
2452MHz_TnomVnom	Pass	500k			36.3M	36.082M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	35.95M	36.082M	36.3M	36.082M
2437MHz_TnomVnom	Pass	500k	35.45M	36.032M	36.3M	36.082M
2452MHz_TnomVnom	Pass	500k	35.95M	35.982M	36.3M	36.082M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k			18.925M	18.916M
2437MHz_TnomVnom	Pass	500k			18.75M	19.115M
2462MHz_TnomVnom	Pass	500k			18.95M	18.916M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	18.225M	18.891M	18.9M	18.891M
2437MHz_TnomVnom	Pass	500k	18.725M	18.941M	18.725M	18.941M
2462MHz_TnomVnom	Pass	500k	18.825M	18.891M	18.8M	18.916M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k			37.8M	37.731M
2437MHz_TnomVnom	Pass	500k			38.1M	37.731M
2452MHz_TnomVnom	Pass	500k			37.85M	37.731M

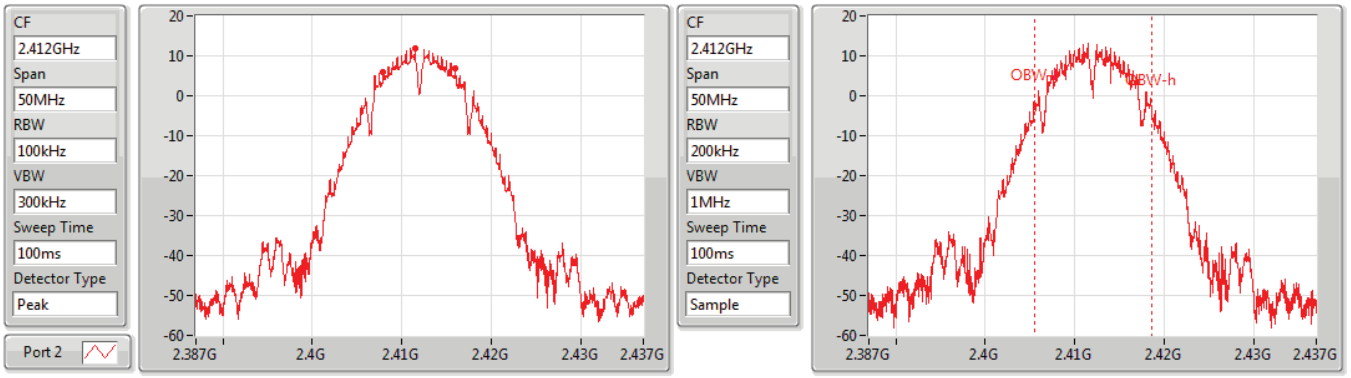
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	37.6M	37.631M	37.45M	37.781M
2437MHz_TnomVnom	Pass	500k	37.55M	37.631M	37.8M	37.731M
2452MHz_TnomVnom	Pass	500k	37.65M	37.631M	37.75M	37.731M

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

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2412MHz

12/08/2019

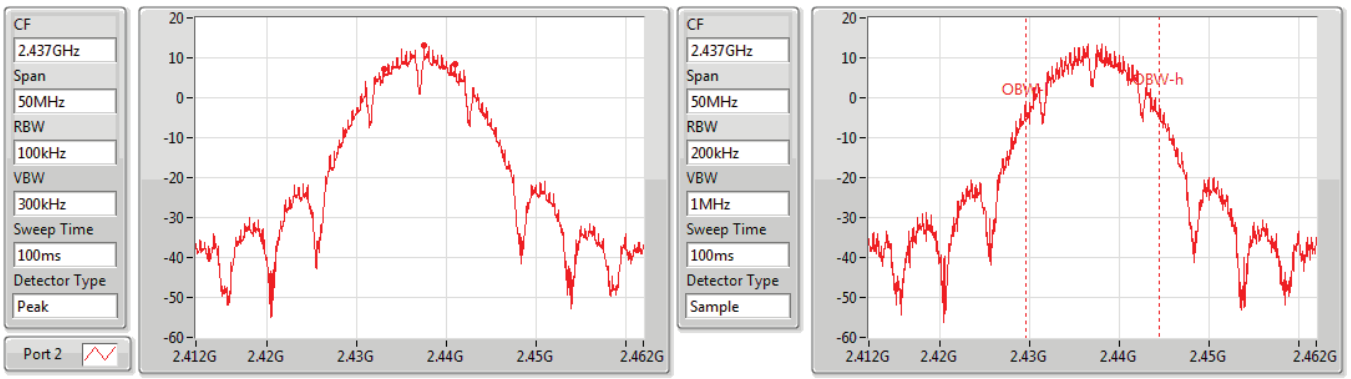


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.40795G	2.416G	13.068M	2.405478G	2.418547G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2437MHz

12/08/2019

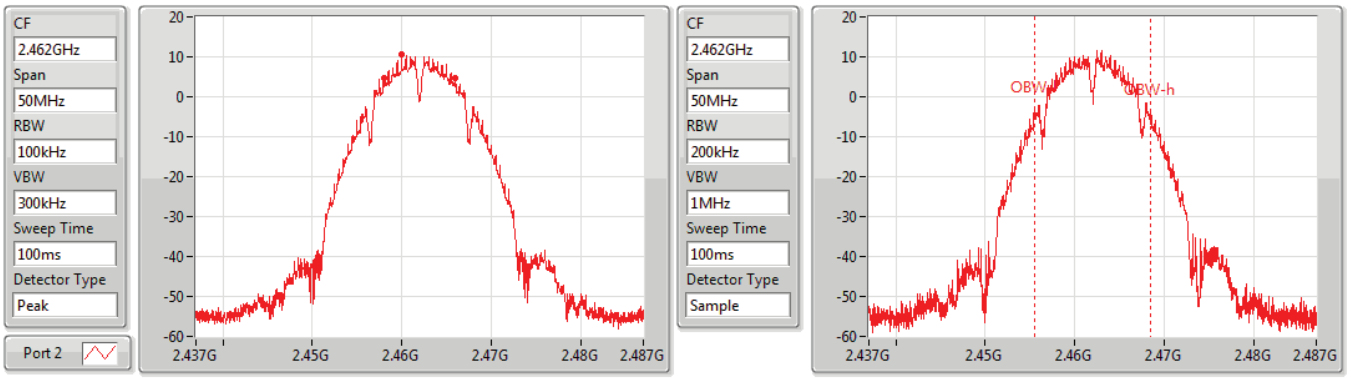


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.432975G	2.441G	14.868M	2.429579G	2.444446G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz

12/08/2019

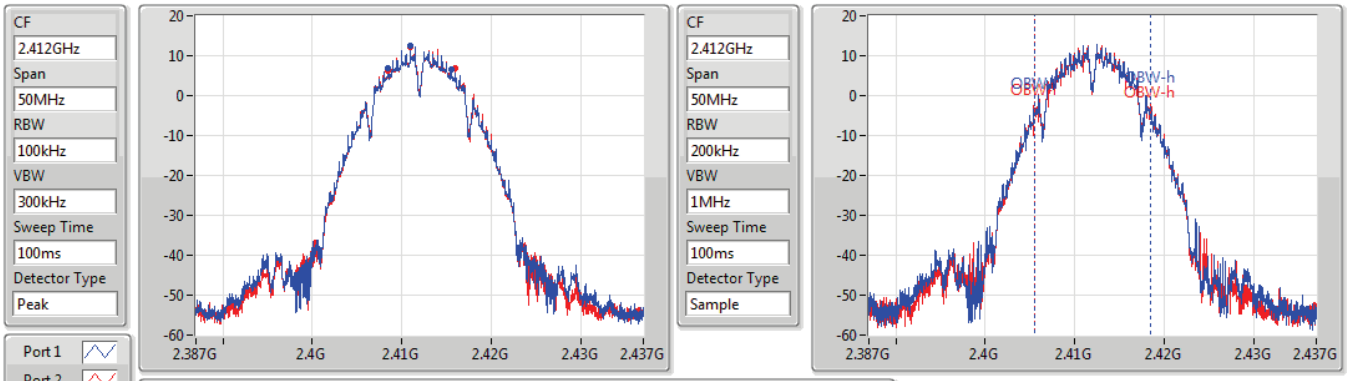


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.458G	2.466G	12.969M	2.455528G	2.468497G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

12/08/2019

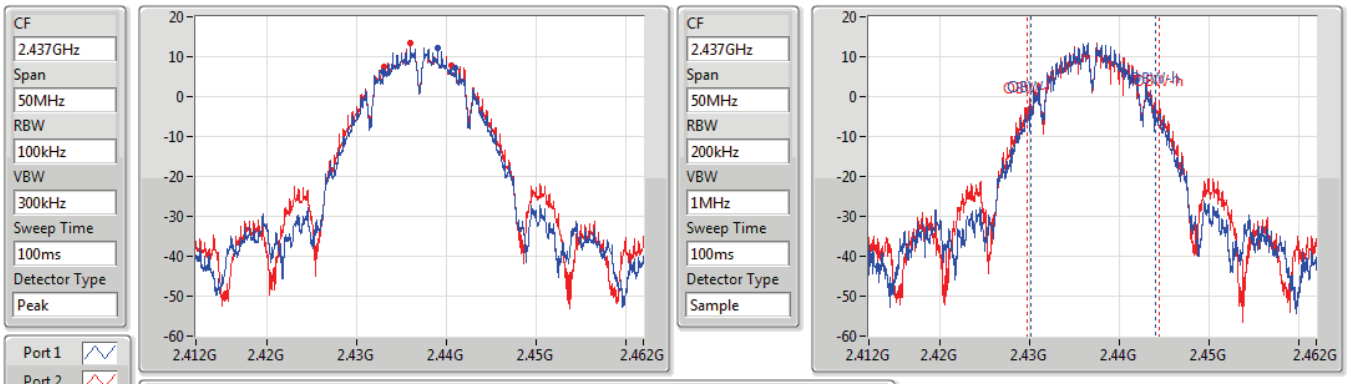


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	12.919M	2.405553G	2.418472G	500k	1
7.55M	2.40845G	2.416G	12.894M	2.405578G	2.418472G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

12/08/2019

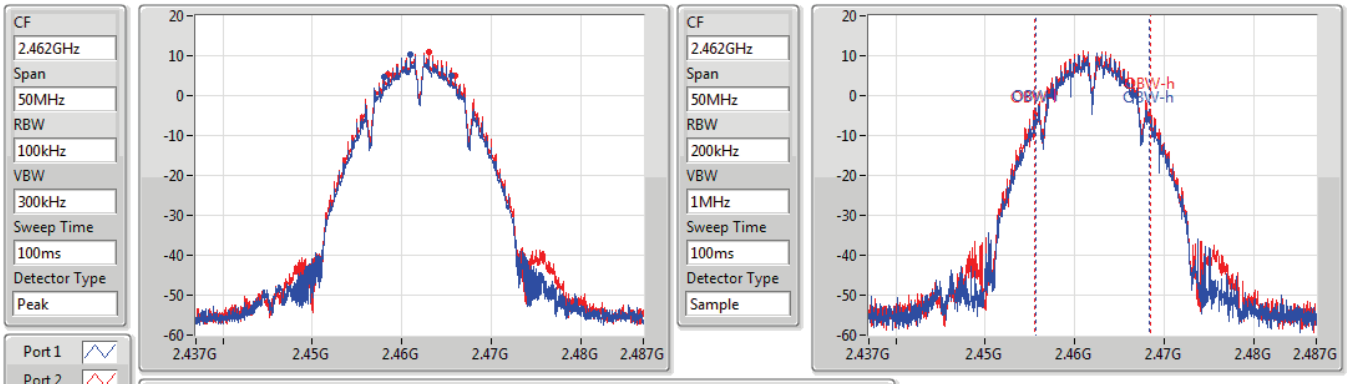


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.43295G	2.441025G	13.918M	2.430078G	2.443997G	500k	1
7.55M	2.432975G	2.440525G	14.793M	2.429629G	2.444421G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

12/08/2019

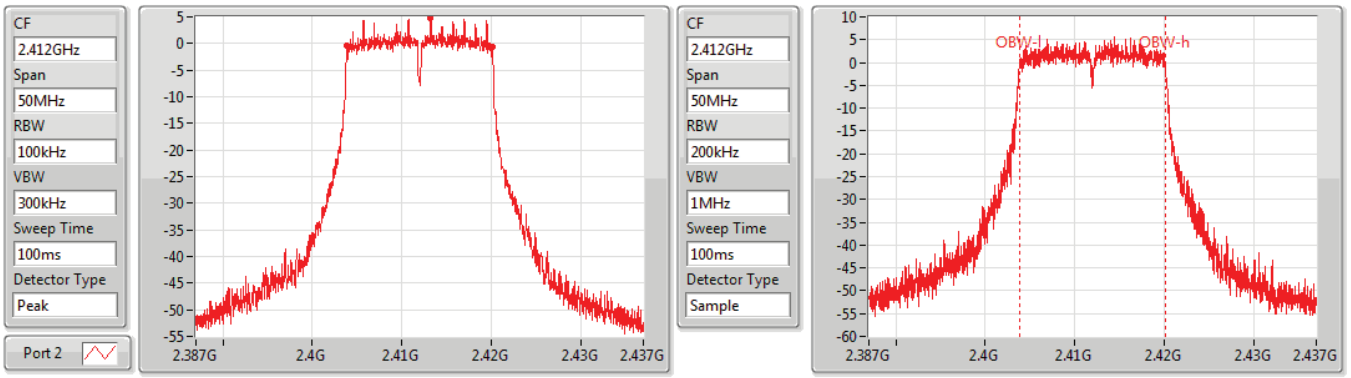


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.457975G	2.4655G	12.719M	2.455653G	2.468372G	500k	1
7.55M	2.45845G	2.466G	12.944M	2.455553G	2.468497G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2412MHz

12/08/2019

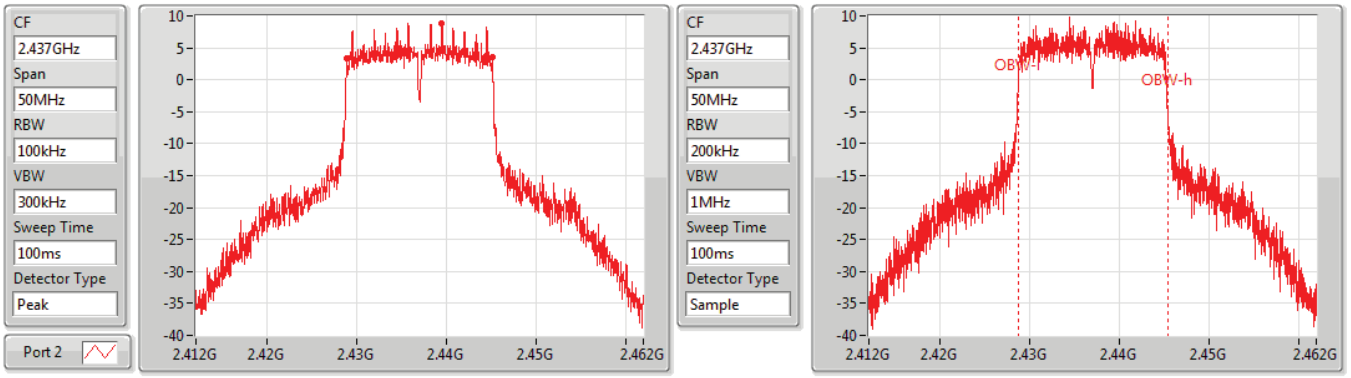


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.367M	2.403804G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2437MHz

12/08/2019

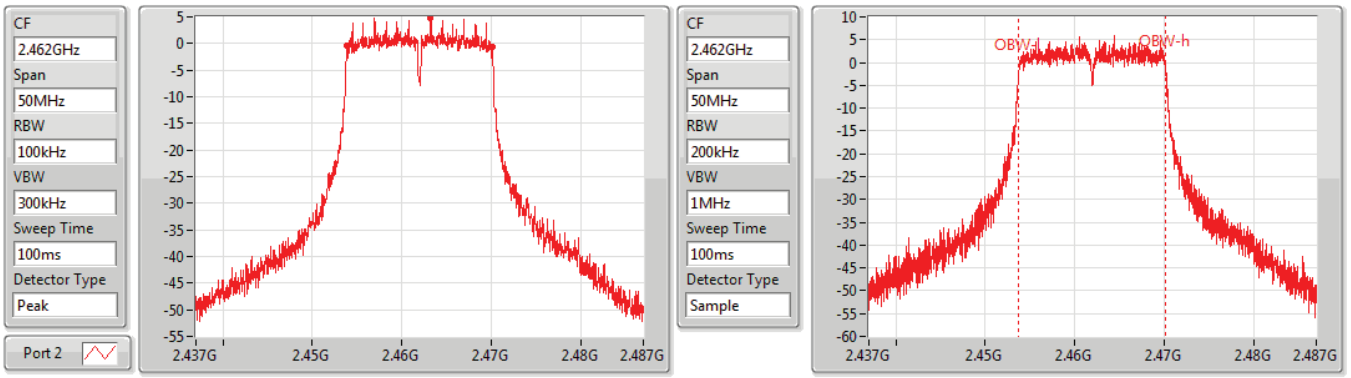


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.717M	2.428654G	2.445371G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz

12/08/2019

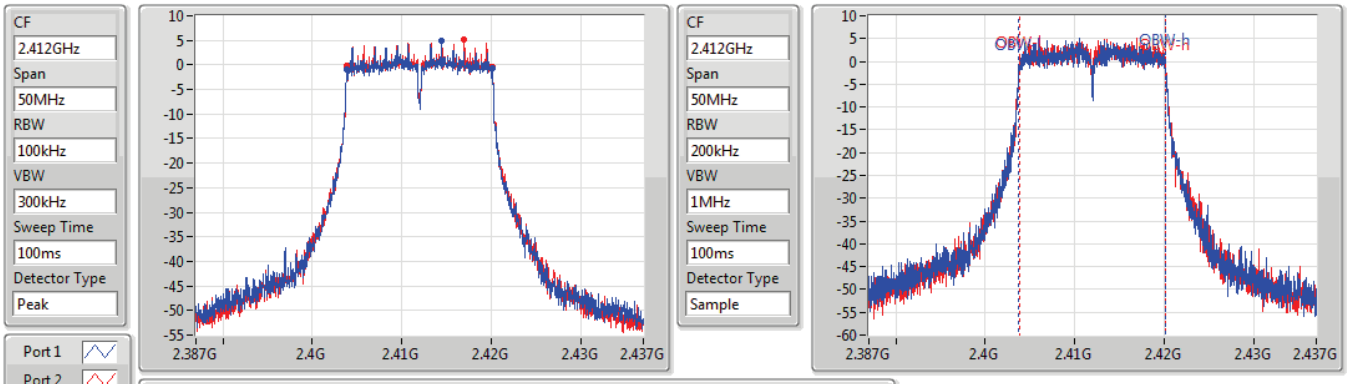


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

12/08/2019

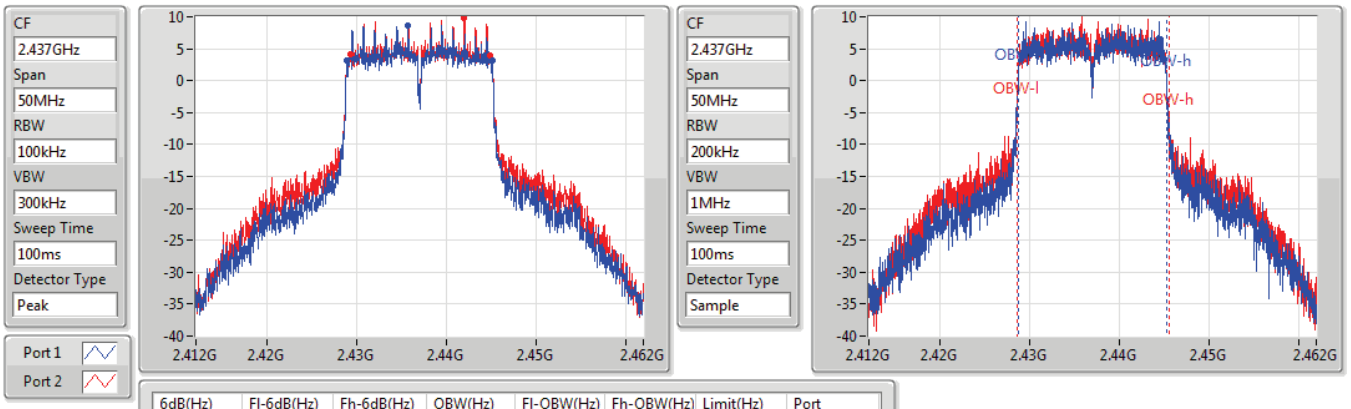


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.392M	2.403779G	2.420171G	500k	1
16.3M	2.40385G	2.42015G	16.367M	2.403804G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

12/08/2019

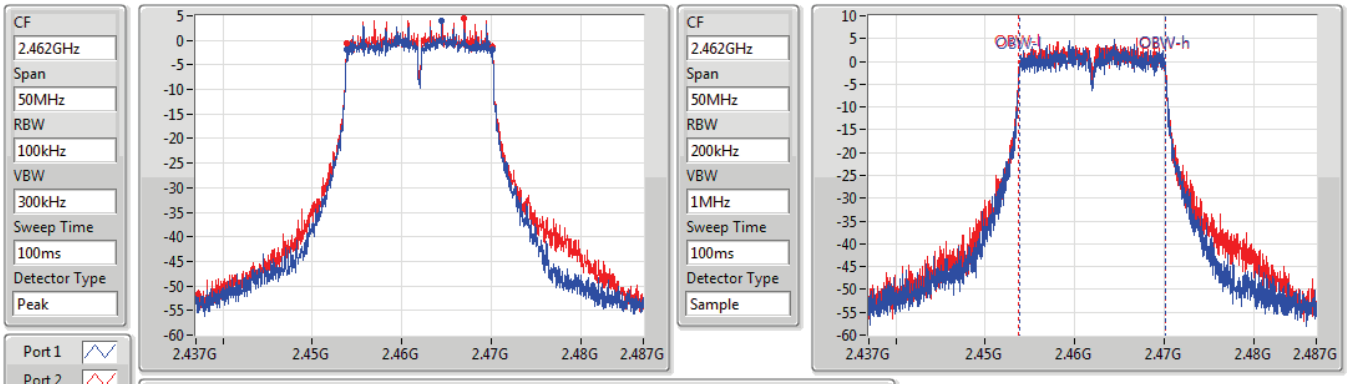


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	16.642M	2.428679G	2.445321G	500k	1
15.65M	2.429225G	2.444875G	17.091M	2.428529G	2.445621G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

12/08/2019

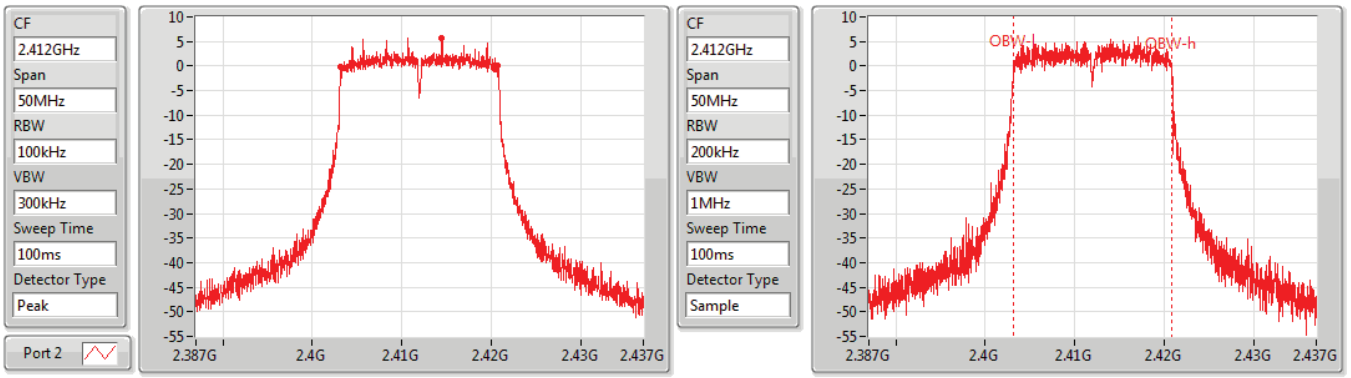


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.367M	2.453804G	2.470171G	500k	1
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

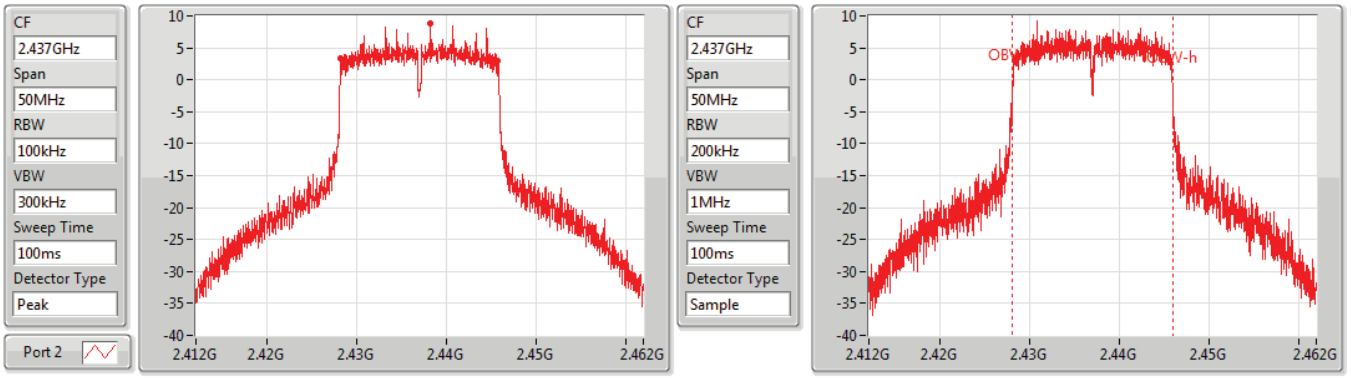


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.403225G	2.42075G	17.616M	2.403179G	2.420796G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

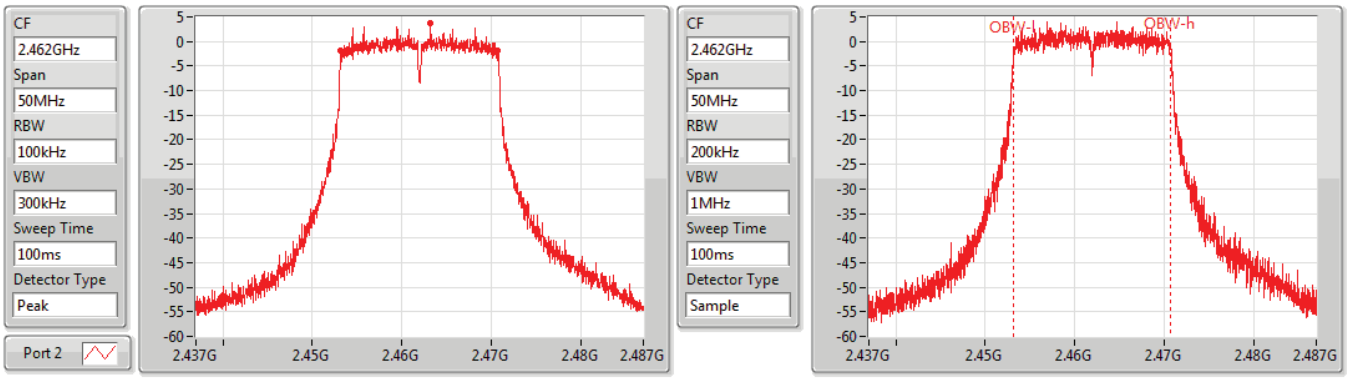


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.428225G	2.44575G	17.841M	2.428079G	2.445921G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

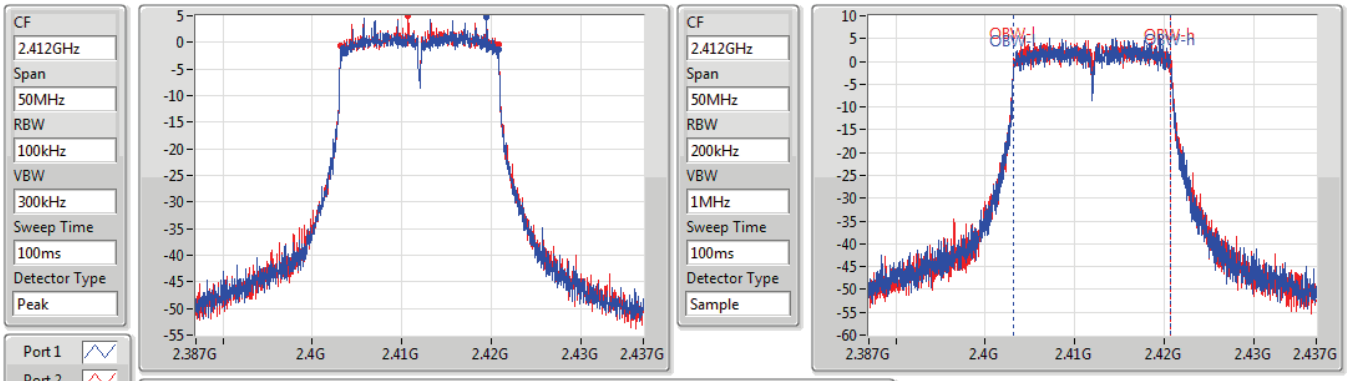


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

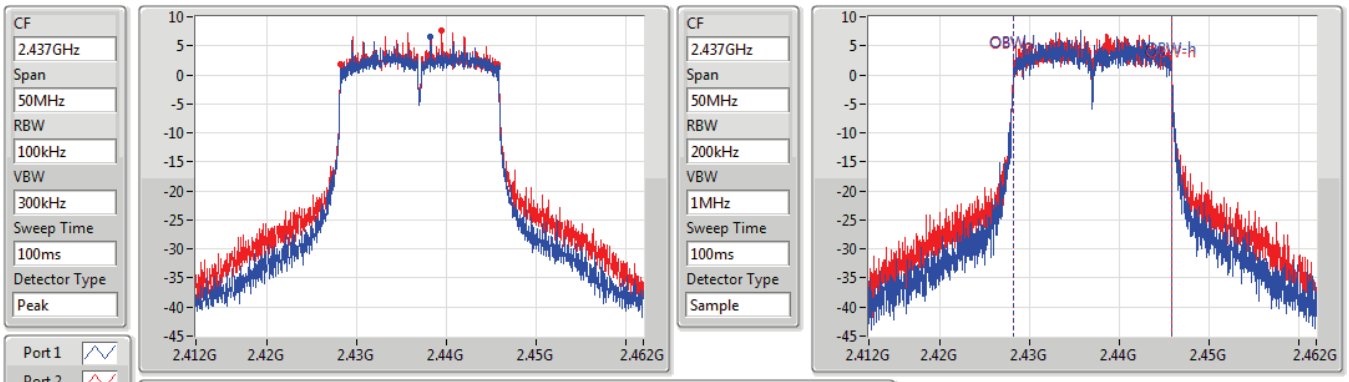


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	2.403475G	2.420775G	17.541M	2.403204G	2.420746G	500k	1
17.55M	2.403225G	2.420775G	17.566M	2.403204G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

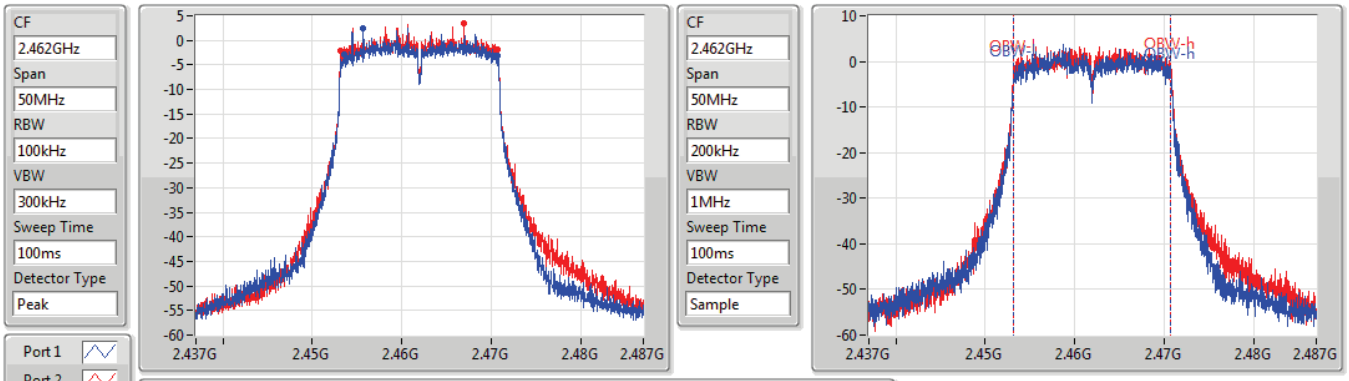


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	2.428475G	2.44575G	17.616M	2.428179G	2.445796G	500k	1
17.525M	2.428225G	2.44575G	17.666M	2.428154G	2.445821G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

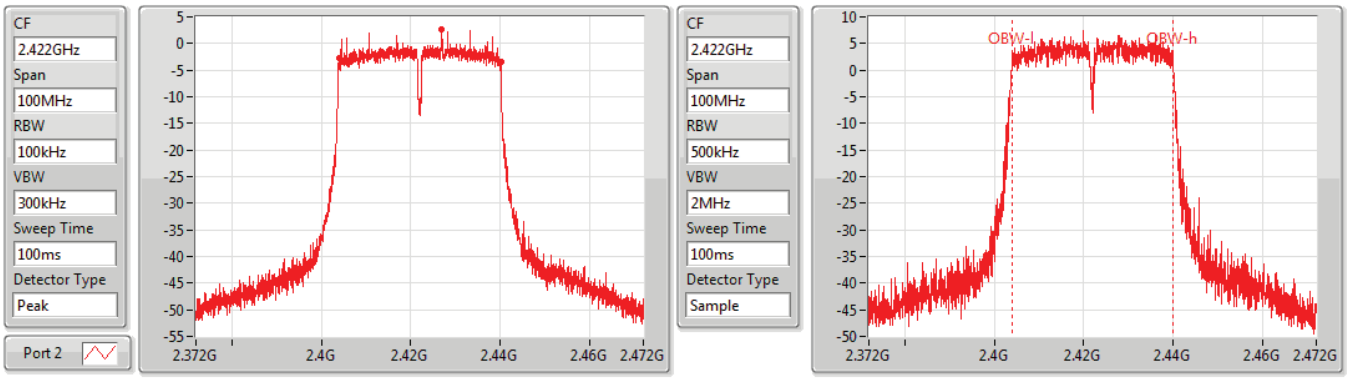


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	2.4536G	2.47075G	17.566M	2.453204G	2.470771G	500k	1
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

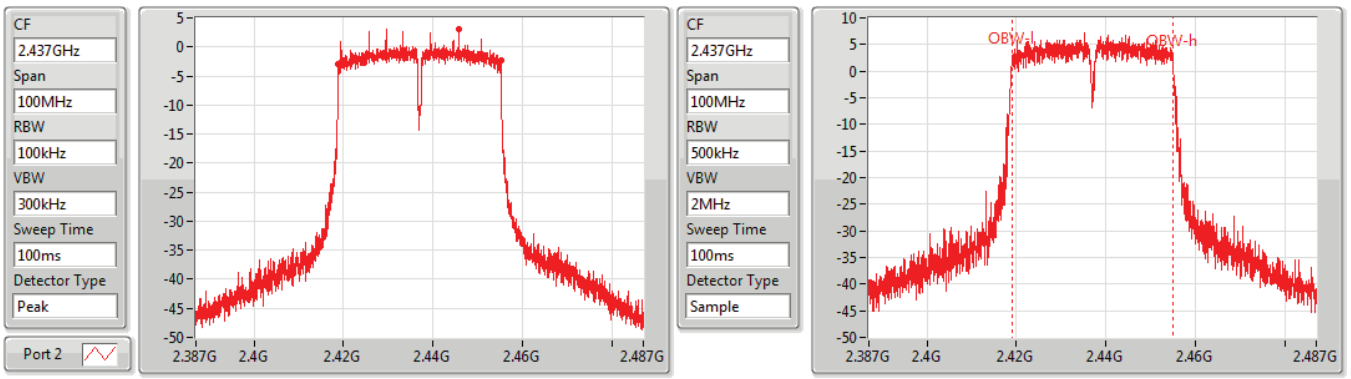


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4041G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

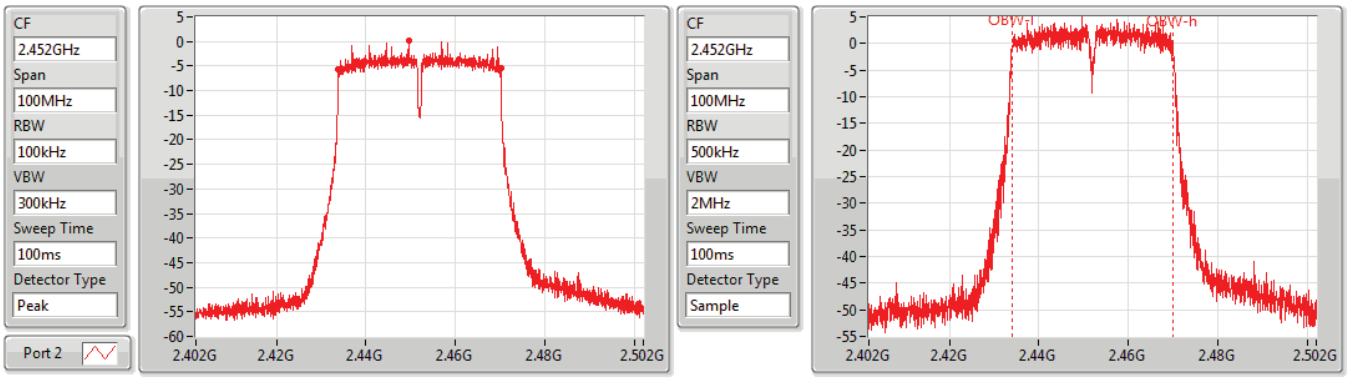


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.082M	2.418909G	2.454991G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

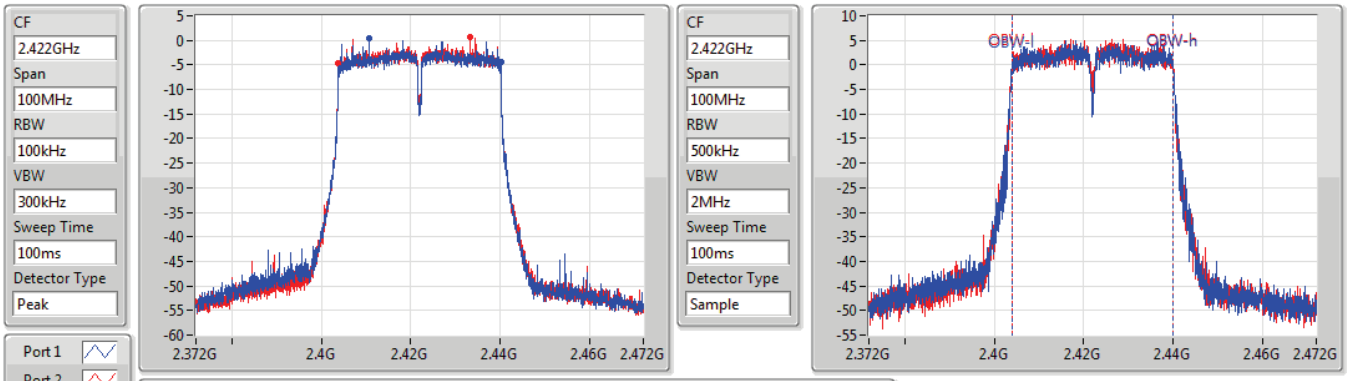


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.082M	2.433959G	2.470041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

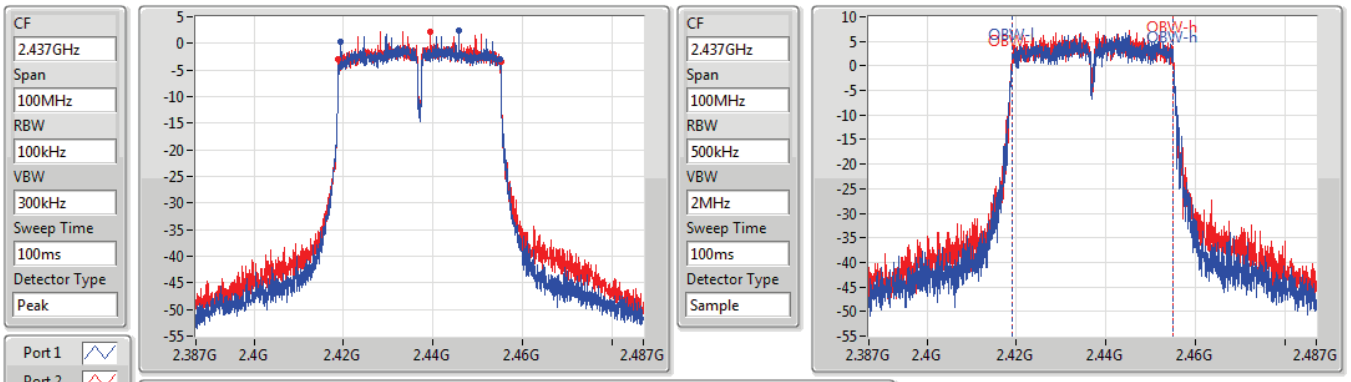


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4042G	2.44015G	36.082M	2.403959G	2.440041G	500k	1
36.3M	2.40385G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

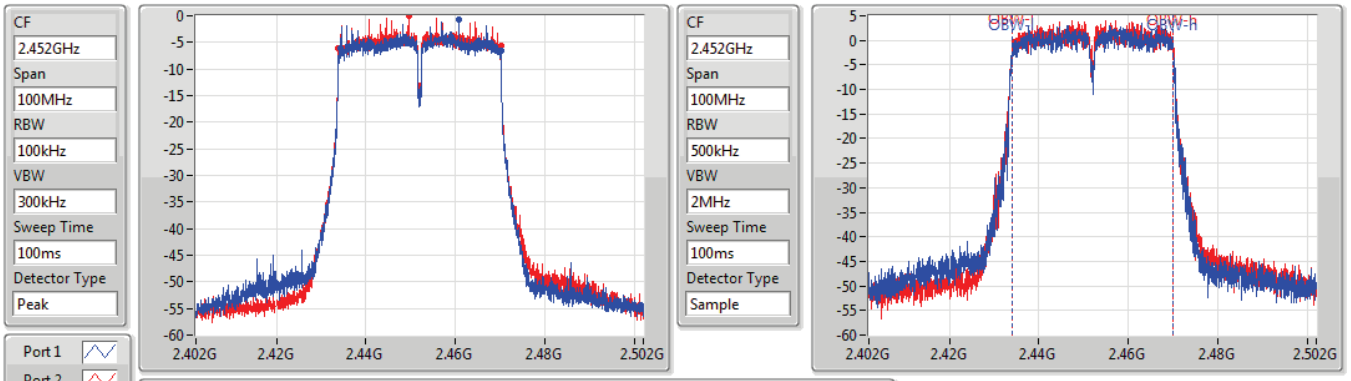


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.45M	2.41945G	2.4549G	36.032M	2.419009G	2.455041G	500k	1
36.3M	2.41885G	2.45515G	36.082M	2.418959G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019

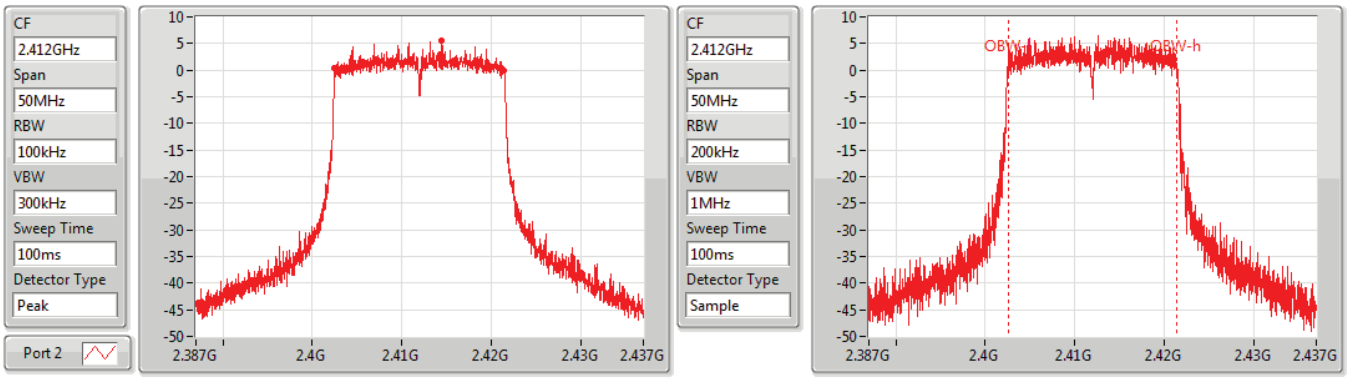


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4342G	2.47015G	35.982M	2.434009G	2.469991G	500k	1
36.3M	2.43385G	2.47015G	36.082M	2.433959G	2.470041G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

12/08/2019

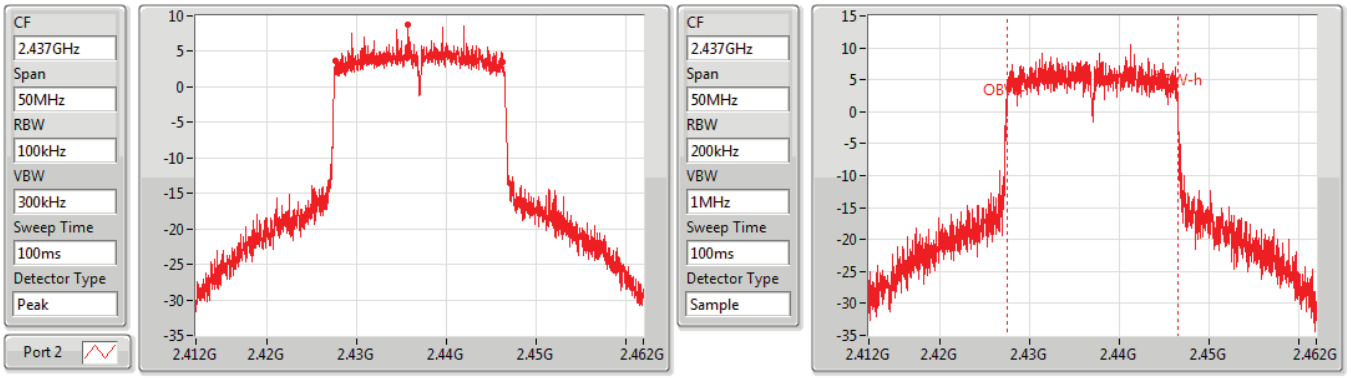


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.402525G	2.42145G	18.916M	2.40253G	2.421445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

12/08/2019

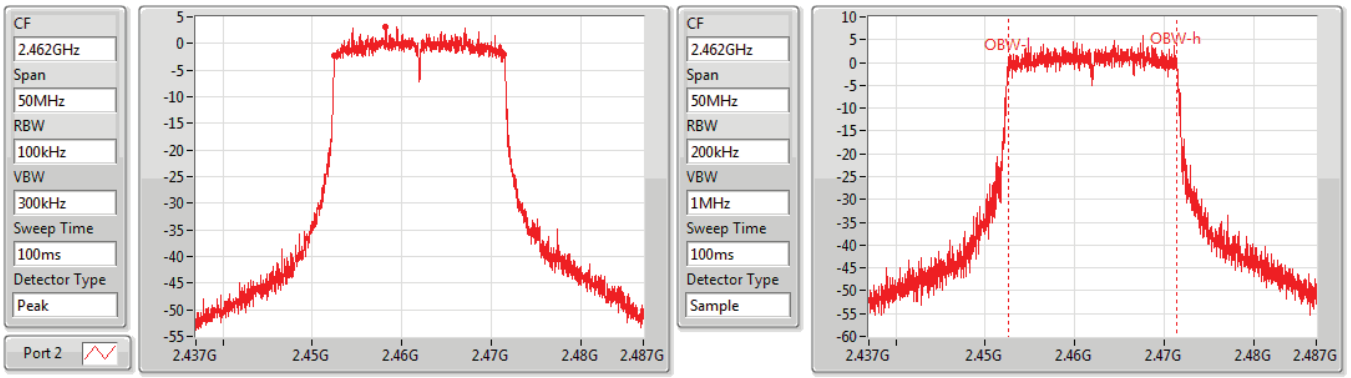


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.427575G	2.446325G	19.115M	2.427405G	2.44652G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

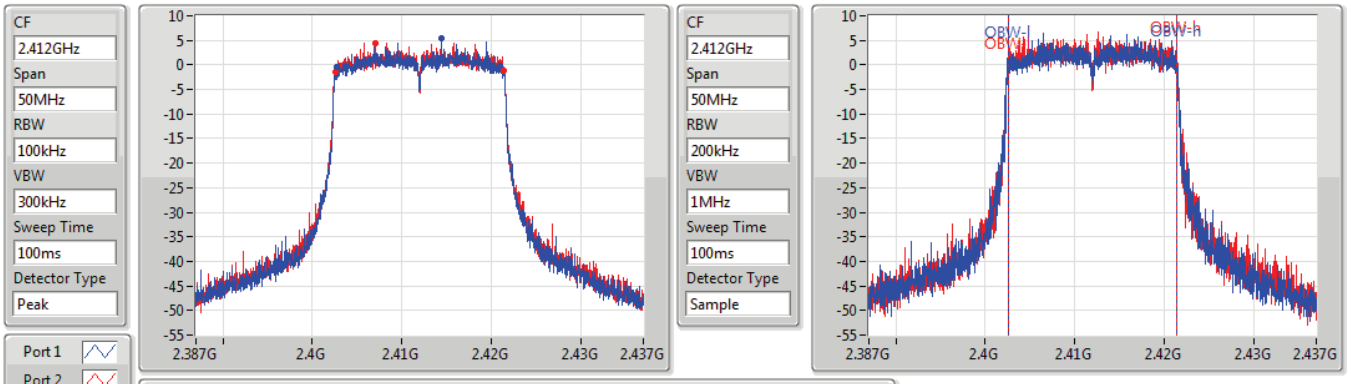


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4525G	2.47145G	18.916M	2.45253G	2.471445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

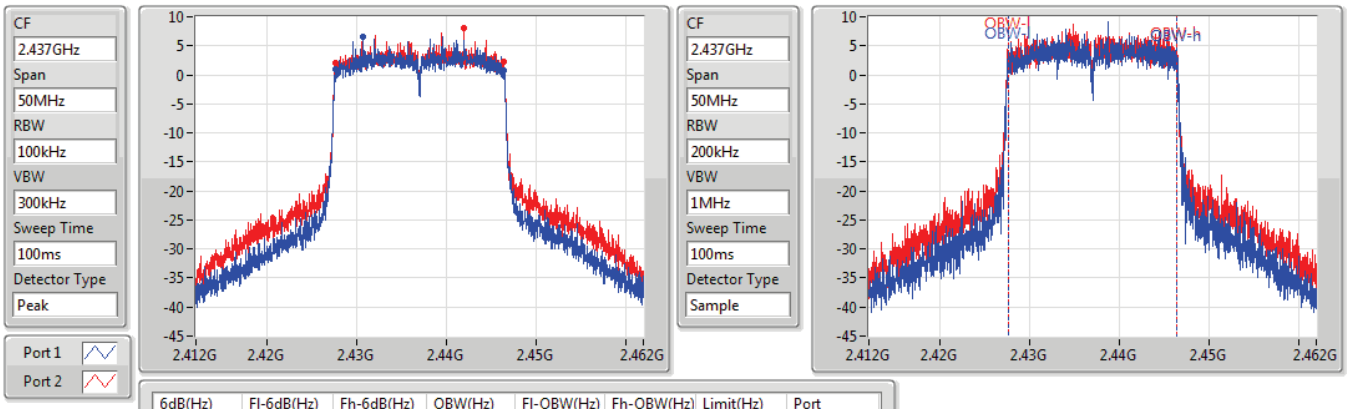


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.225M	2.402725G	2.42095G	18.891M	2.40253G	2.42142G	500k	1
18.9M	2.40255G	2.42145G	18.891M	2.40253G	2.42142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

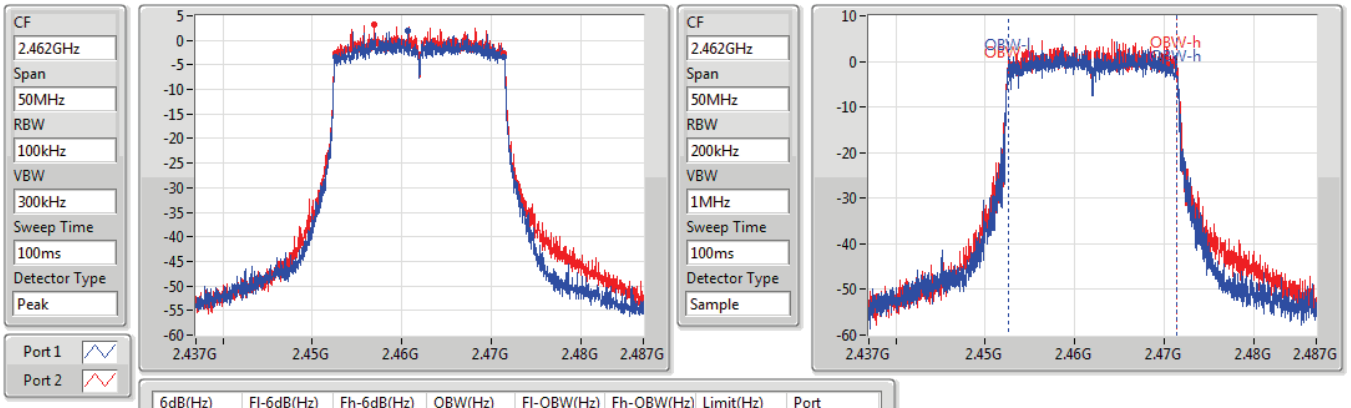


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.427625G	2.44635G	18.941M	2.42753G	2.44647G	500k	1
18.725M	2.427625G	2.44635G	18.941M	2.42753G	2.44647G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

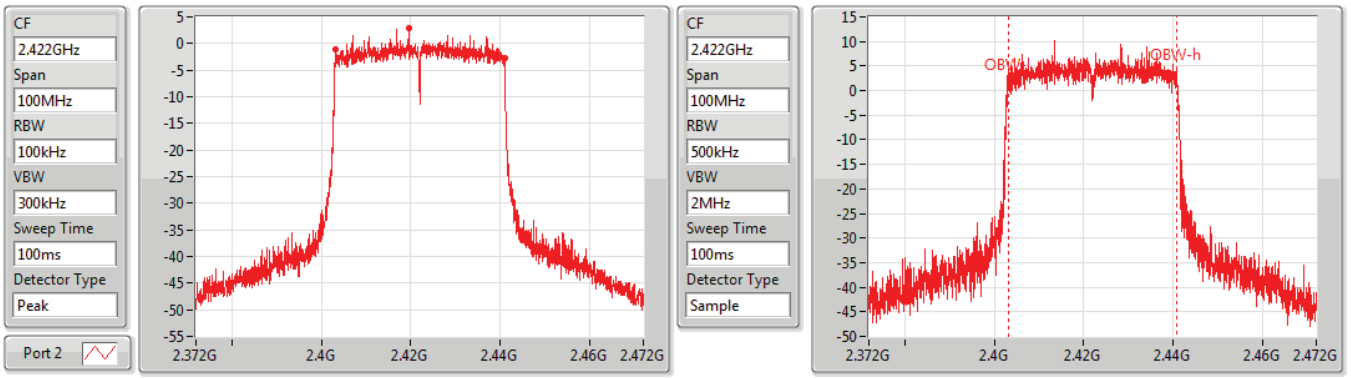


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.452625G	2.47145G	18.891M	2.45253G	2.47142G	500k	1
18.8M	2.45255G	2.47135G	18.916M	2.45253G	2.471445G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

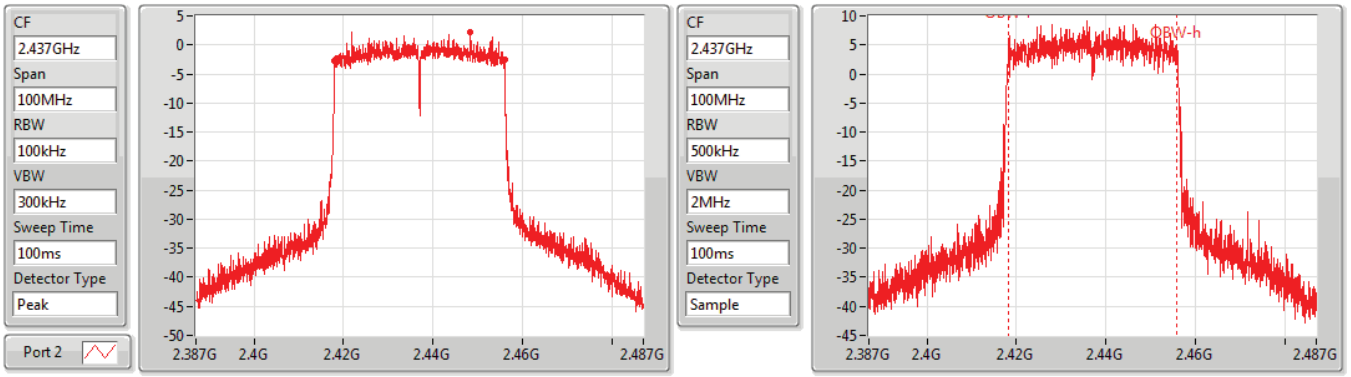


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4032G	2.441G	37.731M	2.403109G	2.440841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

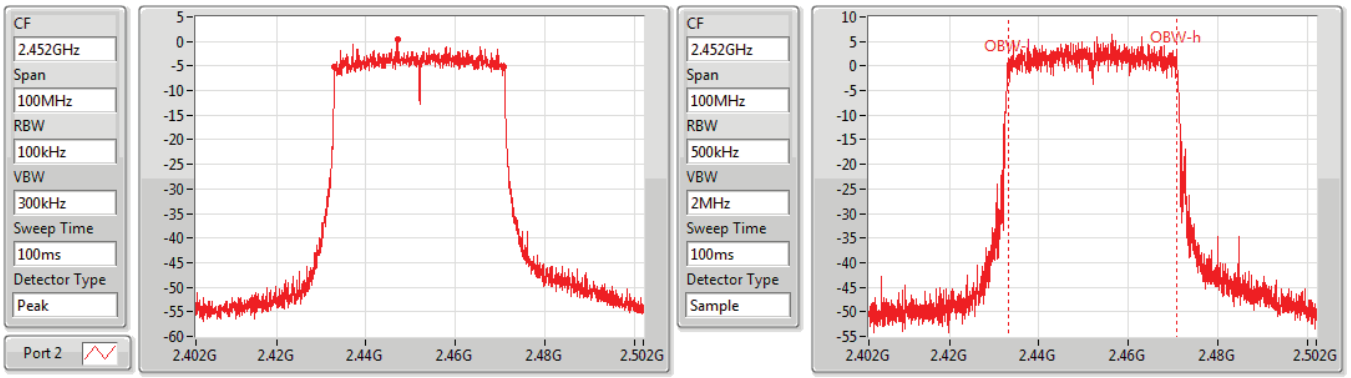


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.1M	2.41795G	2.45605G	37.731M	2.418159G	2.455891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

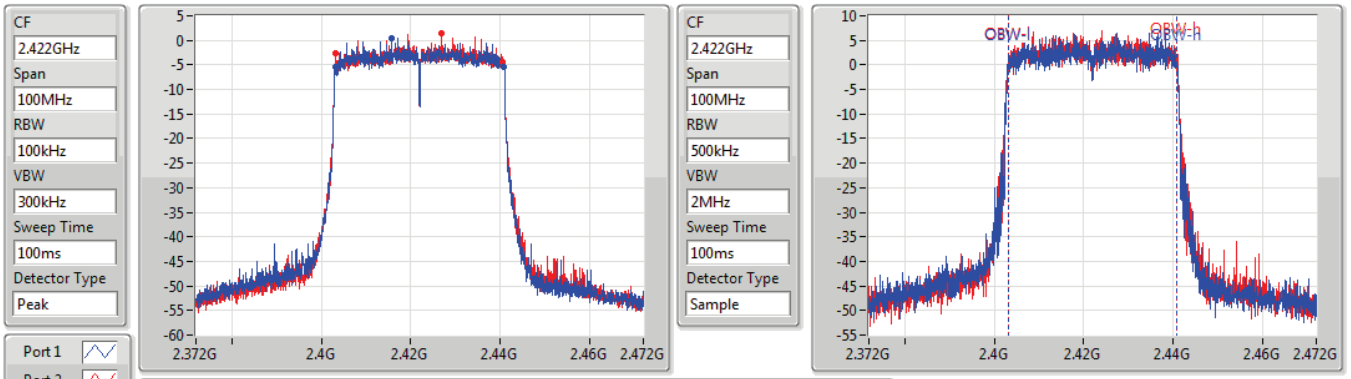


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.85M	2.43305G	2.4709G	37.731M	2.433109G	2.470841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

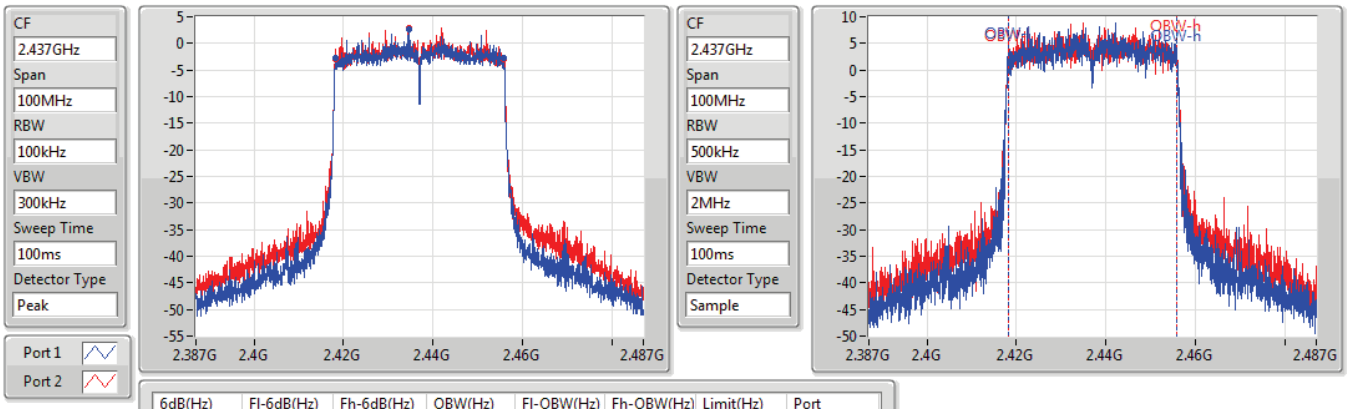


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4033G	2.4409G	37.631M	2.403209G	2.440841G	500k	1
37.45M	2.4032G	2.44065G	37.781M	2.403159G	2.440941G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

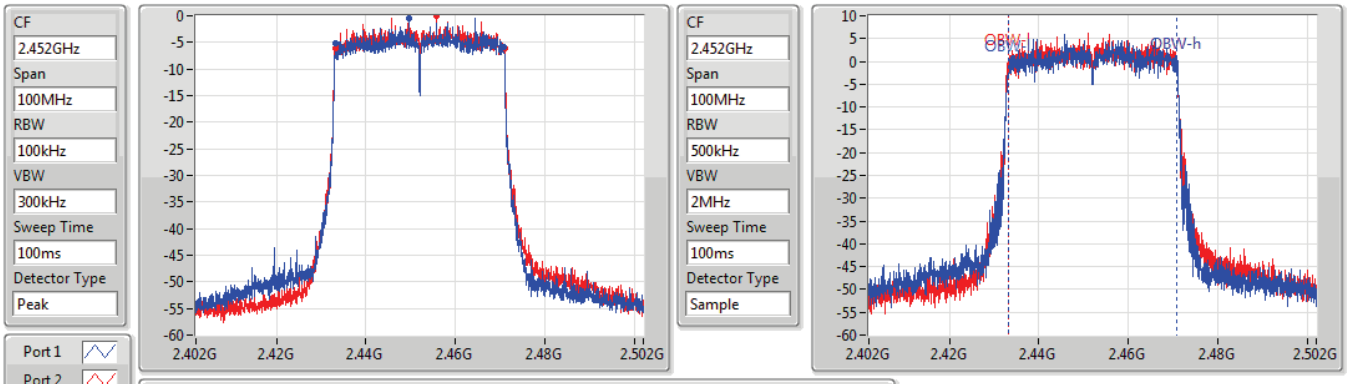


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4182G	2.45575G	37.631M	2.418159G	2.455791G	500k	1
37.8M	2.4181G	2.4559G	37.731M	2.418109G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4332G	2.47085G	37.631M	2.433209G	2.470841G	500k	1
37.75M	2.4332G	2.47095G	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)_1TX(Port2)	8.05M	13.643M	13M6G1D	7.05M	12.944M
802.11b_Nss1,(1Mbps)_2TX	8.05M	13.593M	13M6G1D	7.05M	12.844M
802.11g_Nss1,(6Mbps)_1TX(Port2)	16.325M	16.467M	16M5D1D	16.3M	16.392M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.467M	16M5D1D	16.3M	16.367M
VHT20_Nss1,(MCS0)_1TX(Port2)	17.575M	17.616M	17M6D1D	17.525M	17.591M
VHT20_Nss1,(MCS0)_2TX	17.55M	17.666M	17M7D1D	16.65M	17.566M
VHT40_Nss1,(MCS0)_1TX(Port2)	36.3M	36.132M	36M1D1D	35.9M	36.082M
VHT40_Nss1,(MCS0)_2TX	36.3M	36.132M	36M1D1D	35.65M	36.032M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.95M	18.916M	18M9D1D	18.8M	18.891M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.875M	18.916M	18M9D1D	18.375M	18.866M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	38M	37.731M	37M7D1D	37.55M	37.681M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.1M	37.781M	37M8D1D	37.7M	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)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			7.075M	12.944M
2417MHz						
2437MHz	Pass	500k			8.05M	13.643M
2457MHz						
2462MHz	Pass	500k			7.05M	12.969M
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	12.919M	7.55M	12.969M
2417MHz						
2437MHz	Pass	500k	7.55M	13.118M	7.075M	13.593M
2457MHz						
2462MHz	Pass	500k	7.075M	12.844M	8.05M	12.969M
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			16.3M	16.417M
2417MHz						
2437MHz	Pass	500k			16.325M	16.467M
2457MHz						
2462MHz	Pass	500k			16.3M	16.392M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.417M	16.3M	16.367M
2417MHz						
2437MHz	Pass	500k	16.3M	16.417M	16.325M	16.467M
2457MHz						
2462MHz	Pass	500k	16.3M	16.392M	16.325M	16.392M
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			17.55M	17.591M
2417MHz						
2437MHz	Pass	500k			17.575M	17.616M
2457MHz						
2462MHz	Pass	500k			17.525M	17.591M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.525M	17.566M	17.55M	17.591M
2417MHz						
2437MHz	Pass	500k	17.175M	17.616M	16.65M	17.666M
2457MHz						
2462MHz	Pass	500k	16.9M	17.566M	17.55M	17.591M
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			35.9M	36.082M
2427MHz						
2437MHz	Pass	500k			36.3M	36.082M
2447MHz						
2452MHz	Pass	500k			36.05M	36.132M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.7M	36.032M	35.9M	36.082M

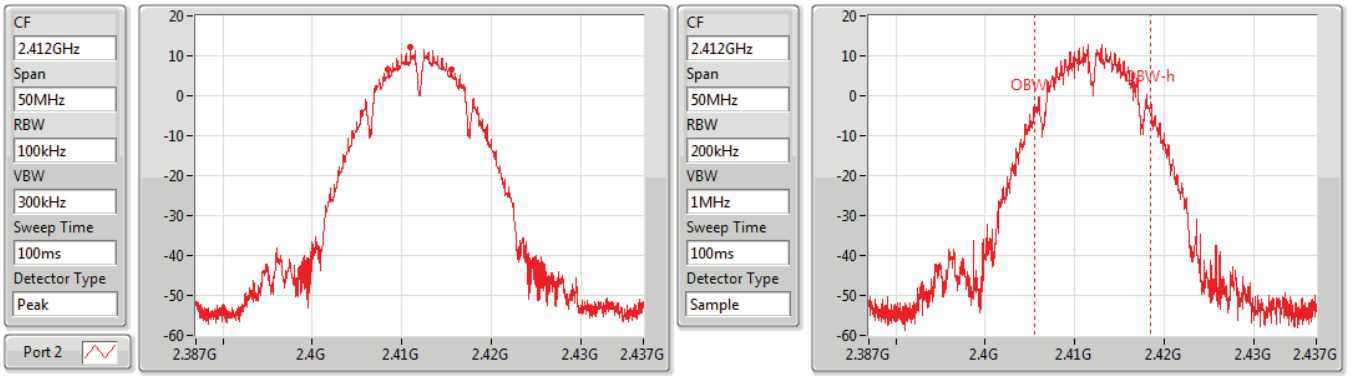
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
2427MHz						
2437MHz	Pass	500k	35.9M	36.082M	35.65M	36.032M
2447MHz						
2452MHz	Pass	500k	35.95M	36.082M	36.3M	36.132M
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	500k			18.8M	18.891M
2417MHz						
2437MHz	Pass	500k			18.95M	18.916M
2457MHz						
2462MHz	Pass	500k			18.9M	18.916M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.875M	18.866M	18.625M	18.916M
2417MHz						
2437MHz	Pass	500k	18.375M	18.891M	18.675M	18.916M
2457MHz						
2462MHz	Pass	500k	18.725M	18.866M	18.825M	18.891M
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	500k			38M	37.731M
2427MHz						
2437MHz	Pass	500k			37.95M	37.681M
2447MHz						
2452MHz	Pass	500k			37.55M	37.681M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.7M	37.631M	37.85M	37.781M
2427MHz						
2437MHz	Pass	500k	37.8M	37.681M	38M	37.731M
2447MHz						
2452MHz	Pass	500k	37.85M	37.731M	38.1M	37.781M

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

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2412MHz

13/08/2019

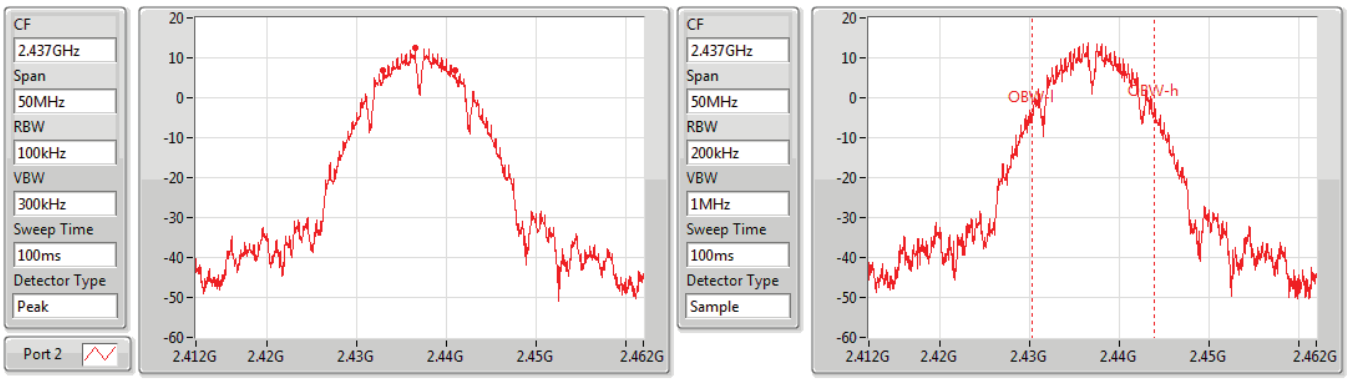


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.40845G	2.415525G	12.944M	2.405553G	2.418497G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2437MHz

13/08/2019

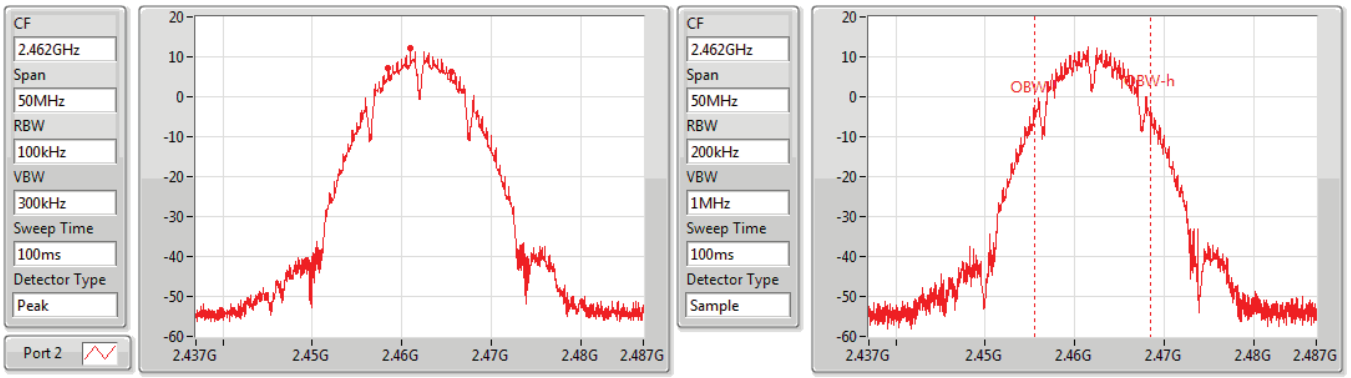


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.43295G	2.441G	13.643M	2.430228G	2.443872G	500k	2

802.11b_Nss1,(1Mbps)_1TX(Port2) EBW

2462MHz

13/08/2019

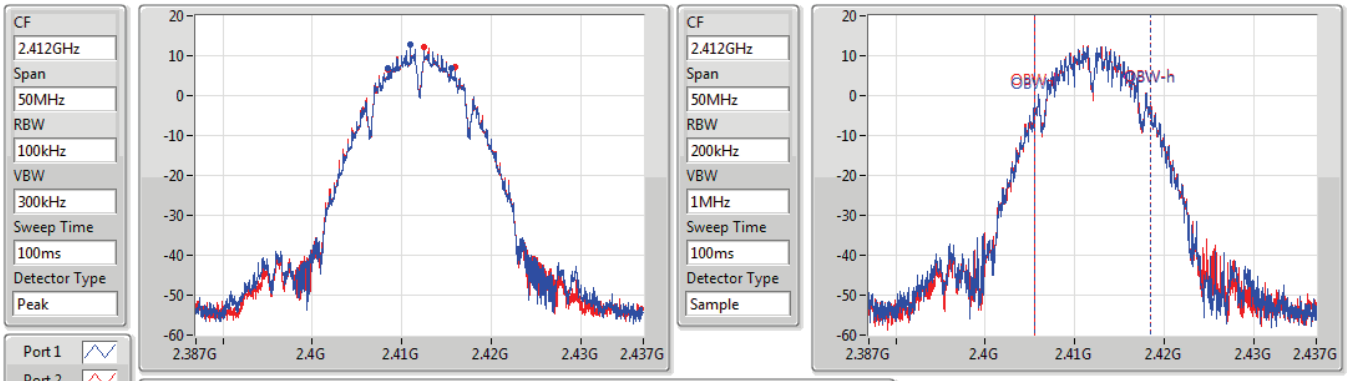


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.458475G	2.465525G	12.969M	2.455503G	2.468472G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

13/08/2019

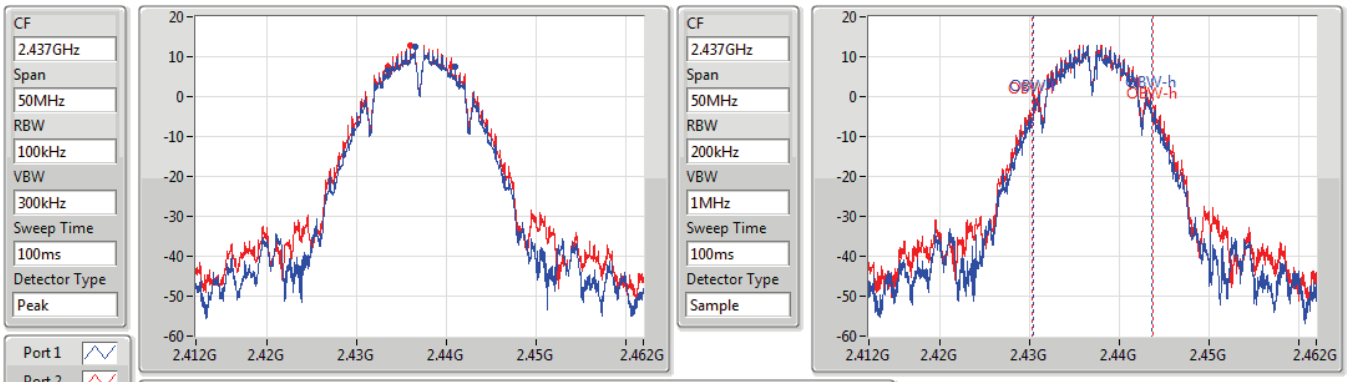


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	12.919M	2.405553G	2.418472G	500k	1
7.55M	2.40845G	2.416G	12.969M	2.405528G	2.418497G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

13/08/2019

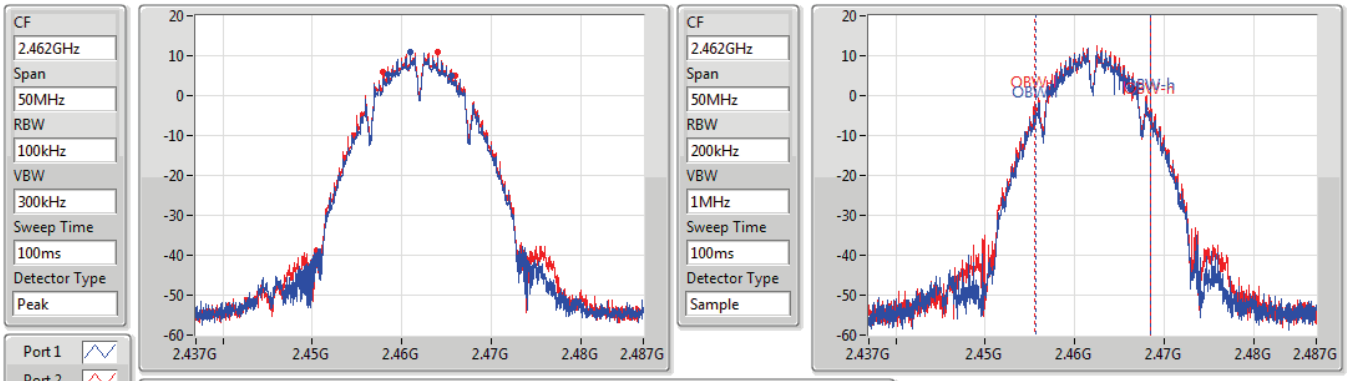


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.43345G	2.441G	13.118M	2.430453G	2.443572G	500k	1
7.075M	2.43345G	2.440525G	13.593M	2.430228G	2.443822G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

13/08/2019

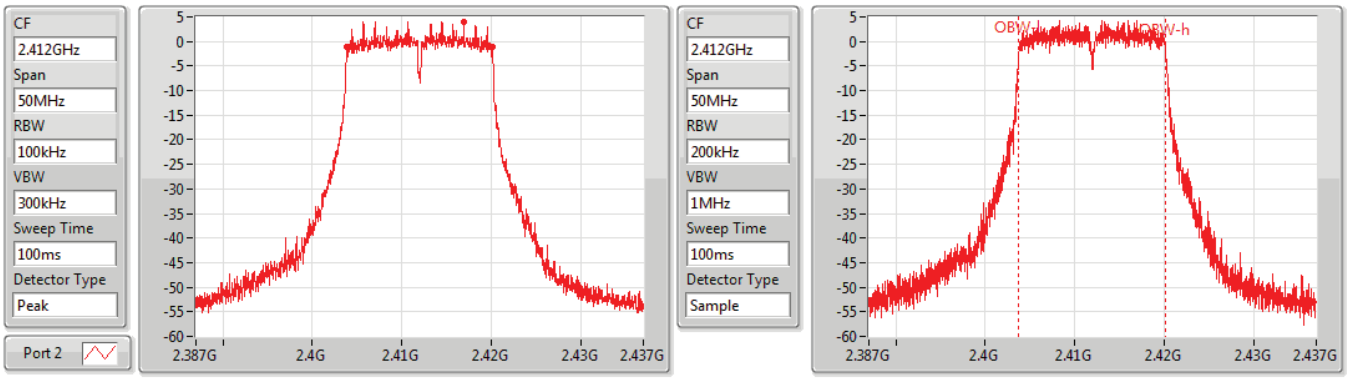


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.45845G	2.465525G	12.844M	2.455603G	2.468447G	500k	1
8.05M	2.45795G	2.466G	12.969M	2.455528G	2.468497G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2412MHz

13/08/2019

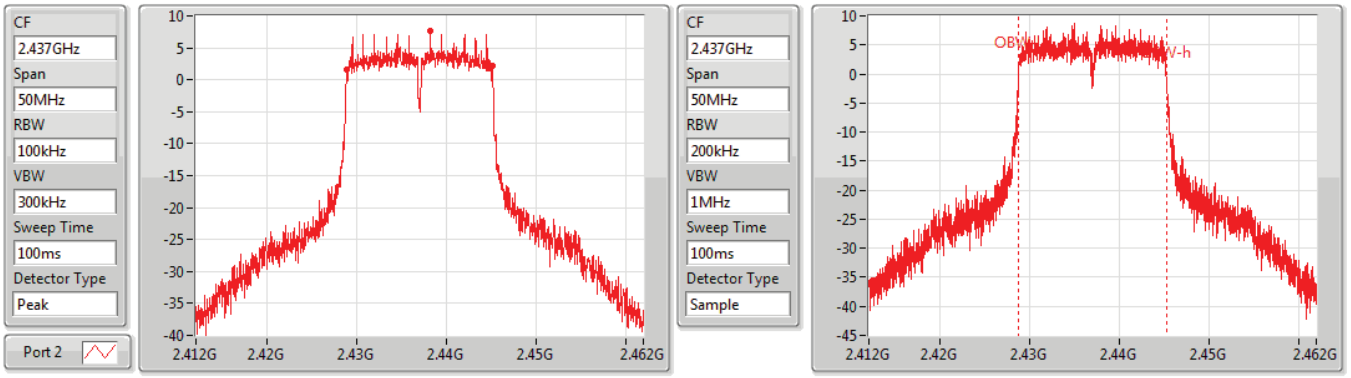


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.40385G	2.42015G	16.417M	2.403779G	2.420196G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2437MHz

13/08/2019

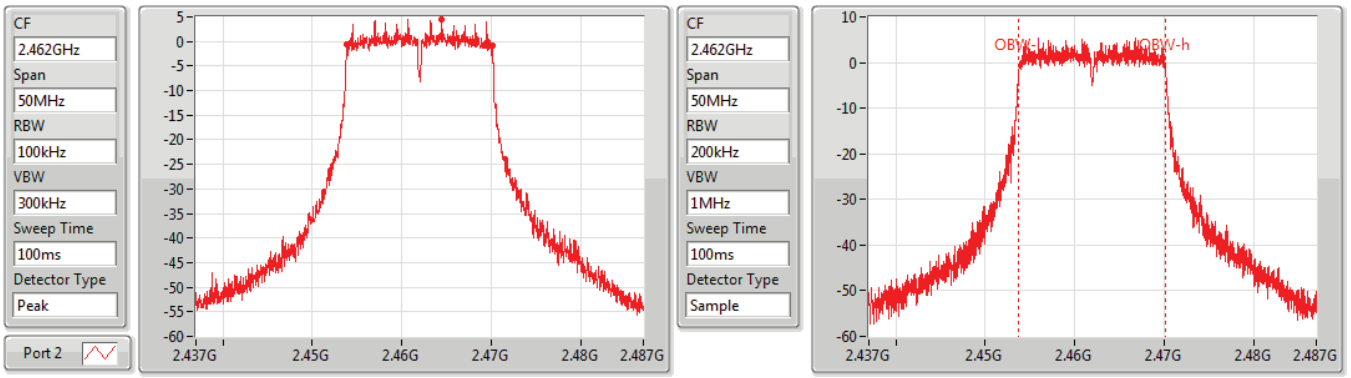


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	16.467M	2.428779G	2.445246G	500k	2

802.11g_Nss1,(6Mbps)_1TX(Port2) EBW

2462MHz

13/08/2019

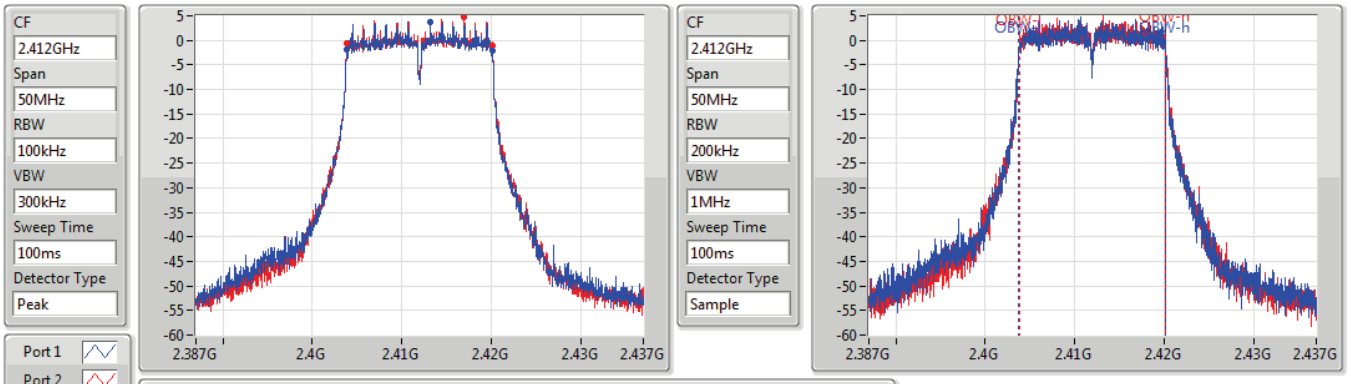


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

13/08/2019

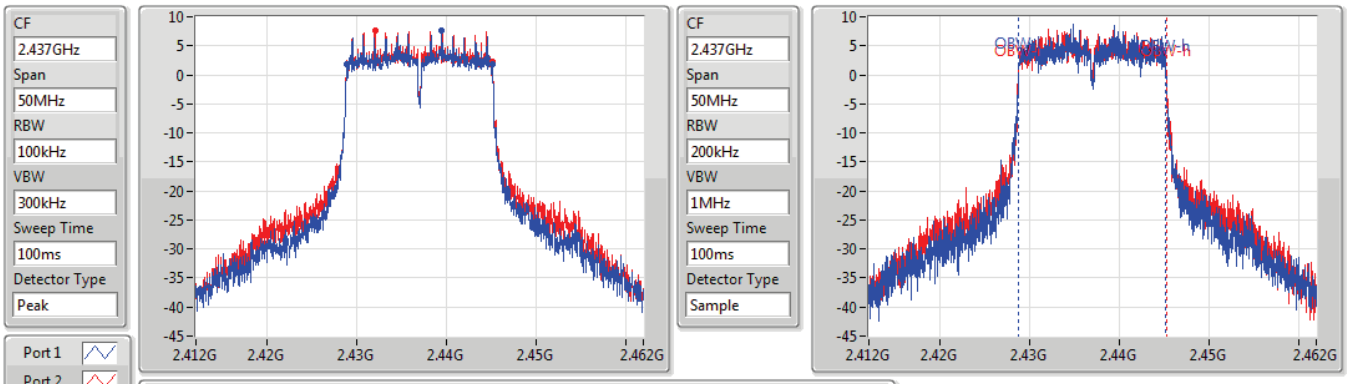


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.403825G	2.420175G	16.417M	2.403779G	2.420196G	500k	1
16.3M	2.40385G	2.42015G	16.367M	2.403804G	2.420171G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

13/08/2019

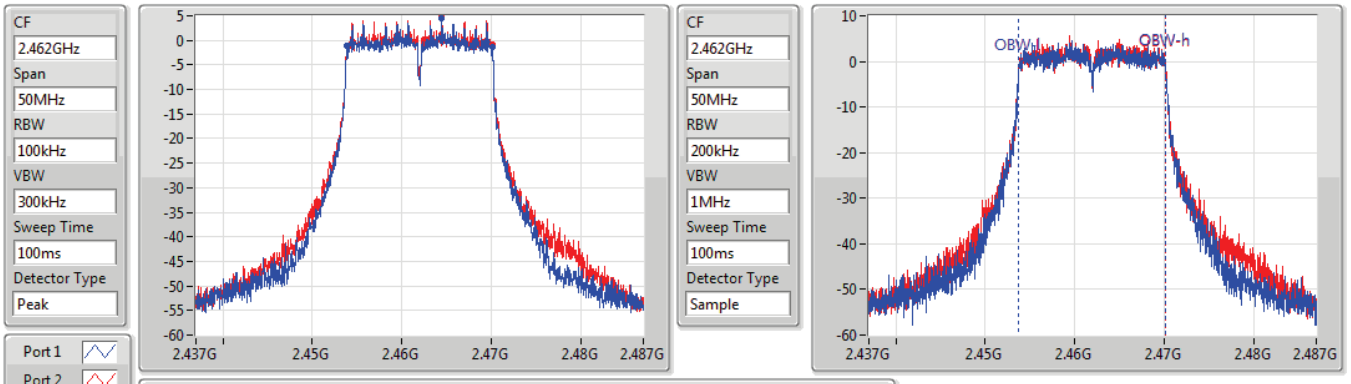


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	16.417M	2.428779G	2.445196G	500k	1
16.325M	2.428825G	2.44515G	16.467M	2.428754G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

13/08/2019

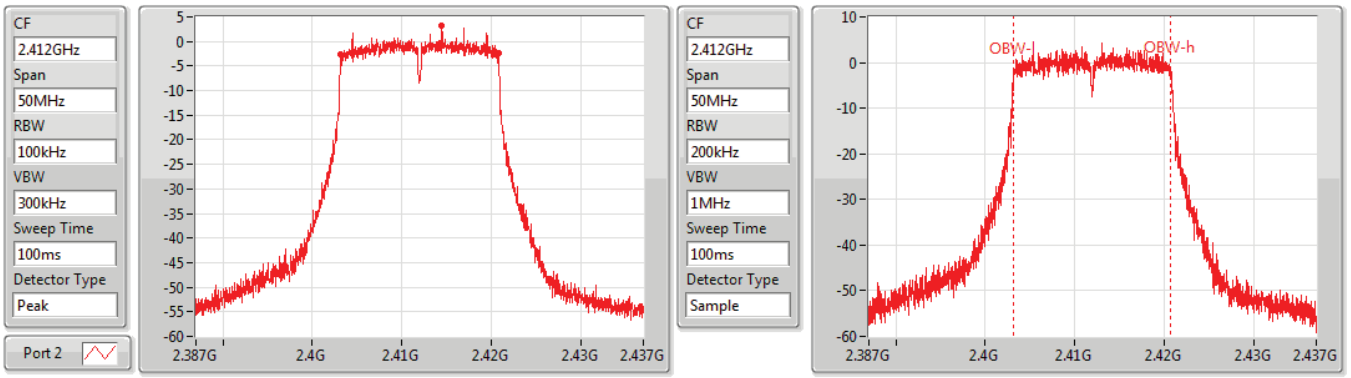


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.392M	2.453779G	2.470171G	500k	1
16.325M	2.453825G	2.47015G	16.392M	2.453779G	2.470171G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

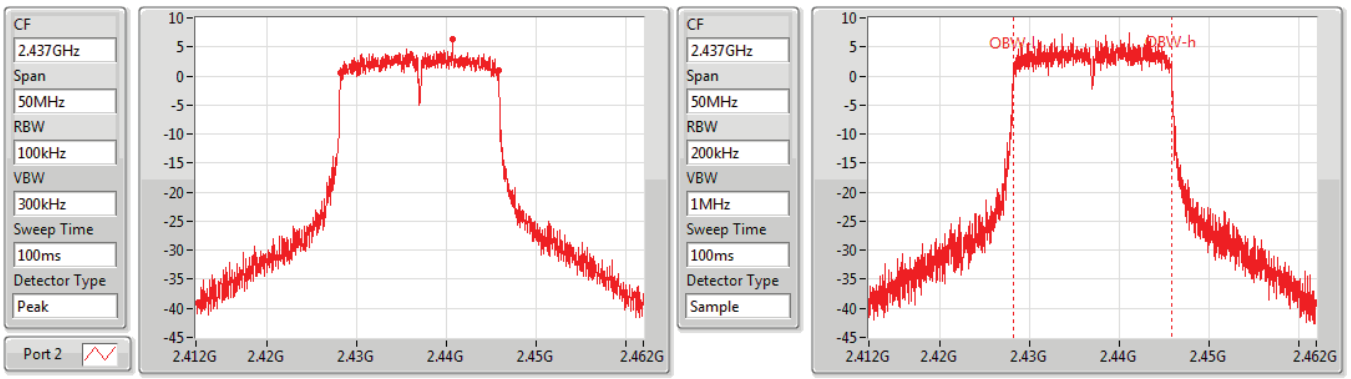


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.403225G	2.420775G	17.591M	2.403179G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

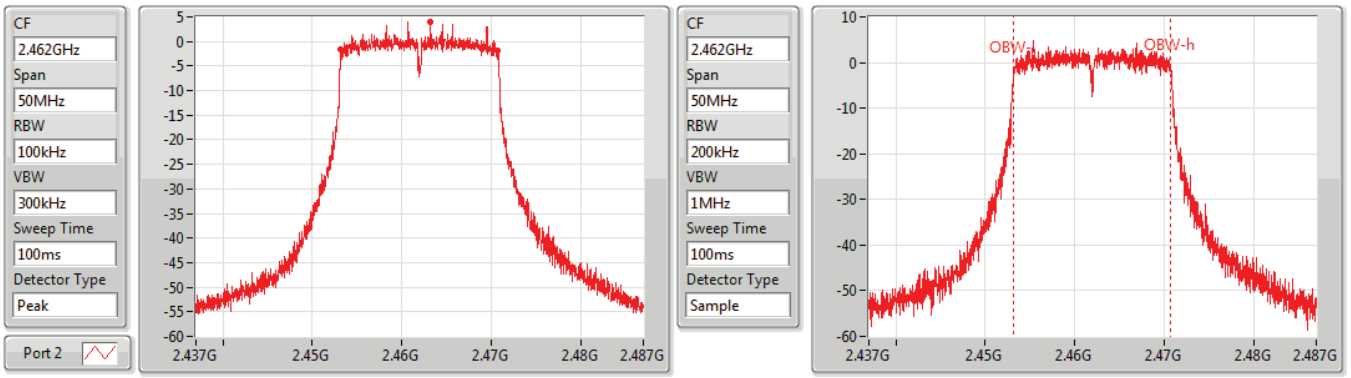


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	17.616M	2.428179G	2.445796G	500k	2

VHT20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

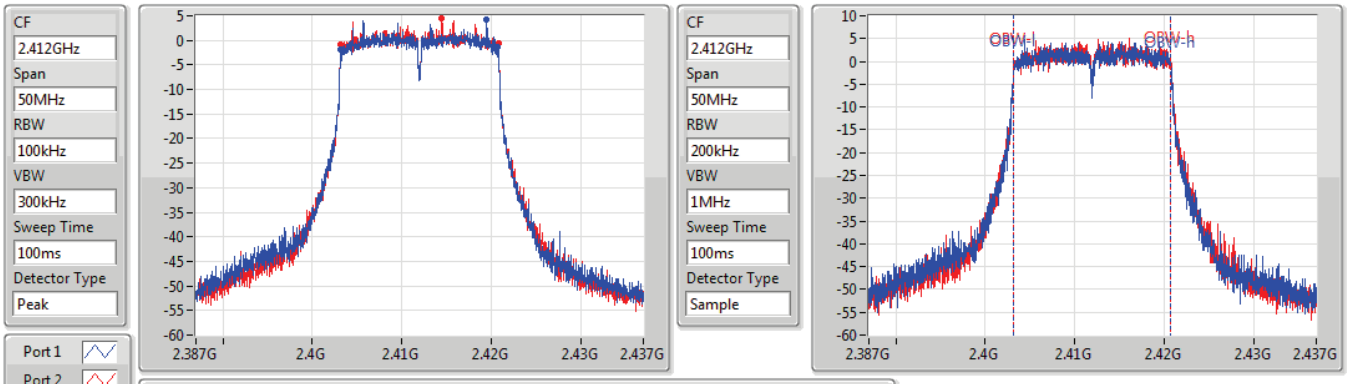


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

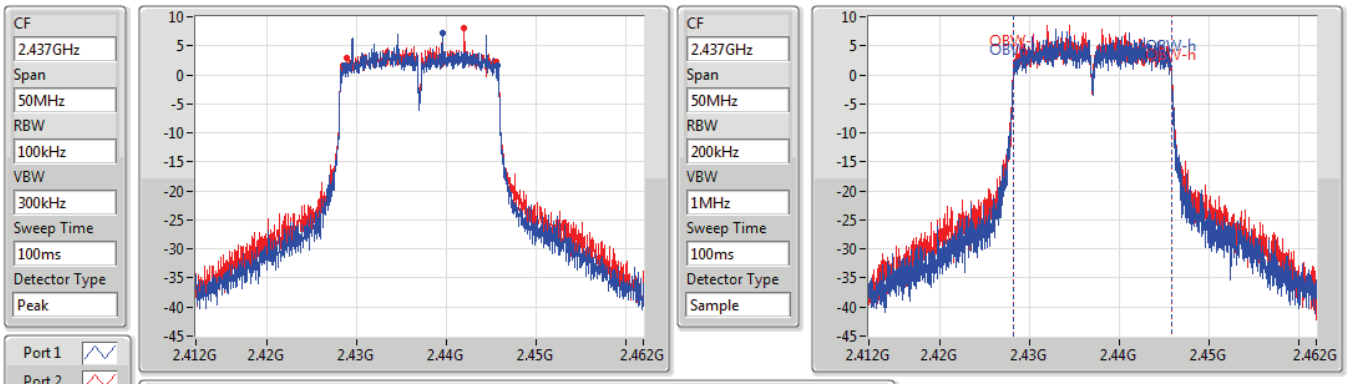


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.403225G	2.42075G	17.566M	2.403204G	2.420771G	500k	1
17.55M	2.403225G	2.420775G	17.591M	2.403179G	2.420771G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

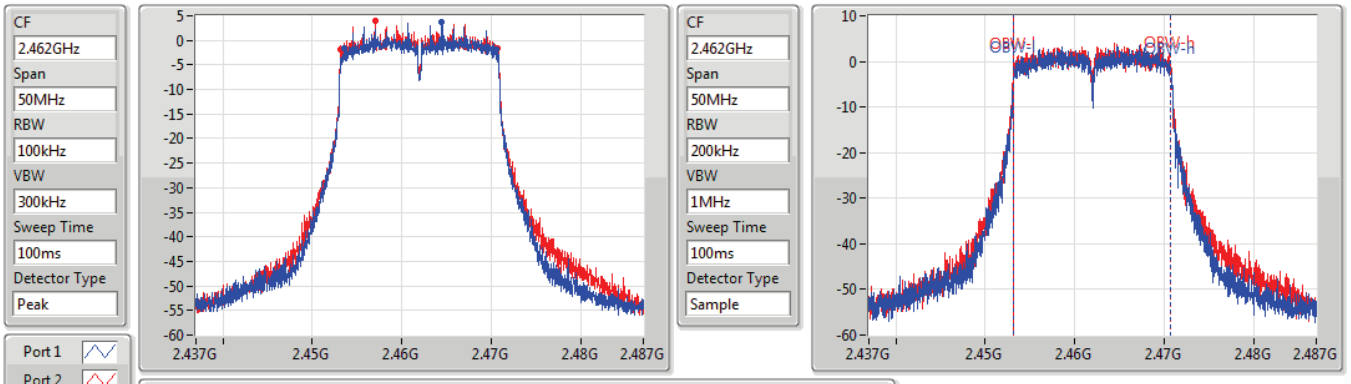


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.175M	2.428575G	2.44575G	17.616M	2.428179G	2.445796G	500k	1
16.65M	2.42885G	2.4455G	17.666M	2.428154G	2.445821G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

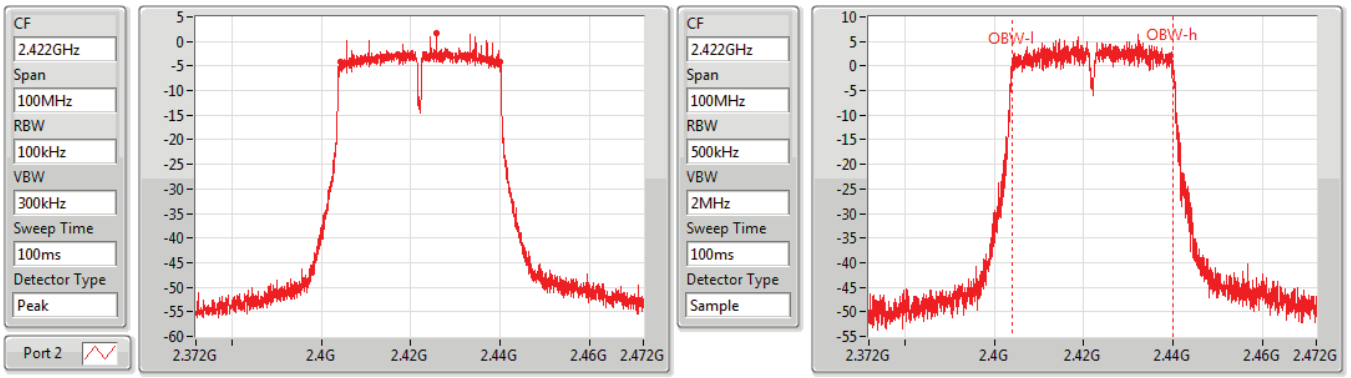


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.453625G	2.470525G	17.566M	2.453204G	2.470771G	500k	1
17.55M	2.4532G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

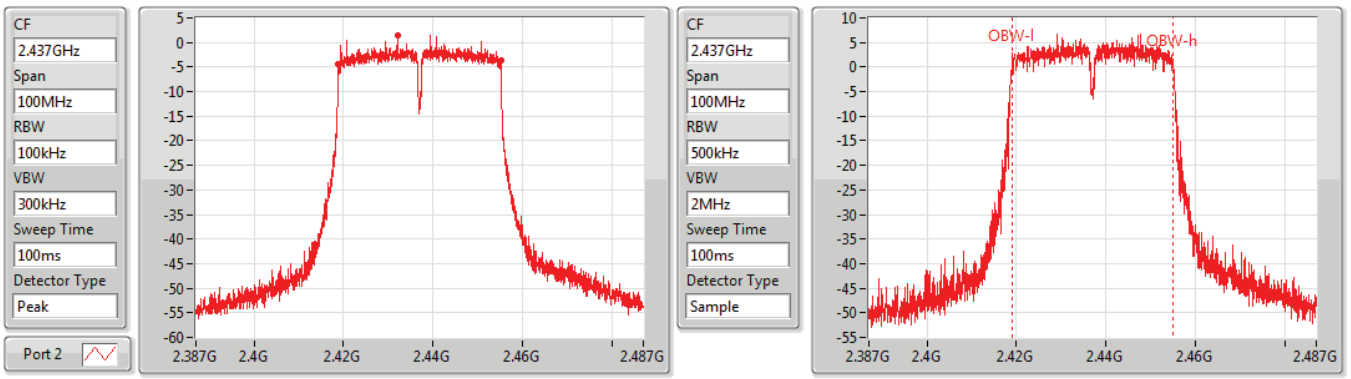


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.4042G	2.4401G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

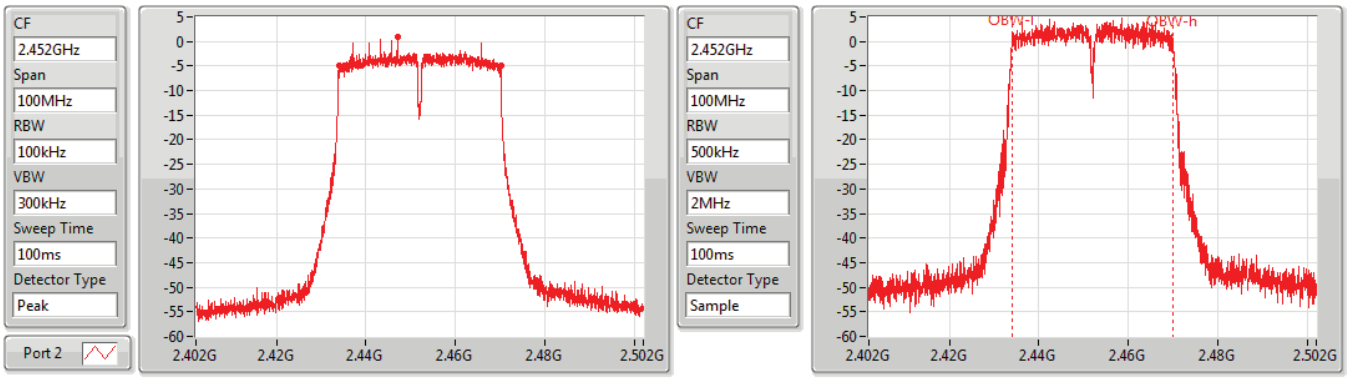


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.082M	2.418959G	2.455041G	500k	2

VHT40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

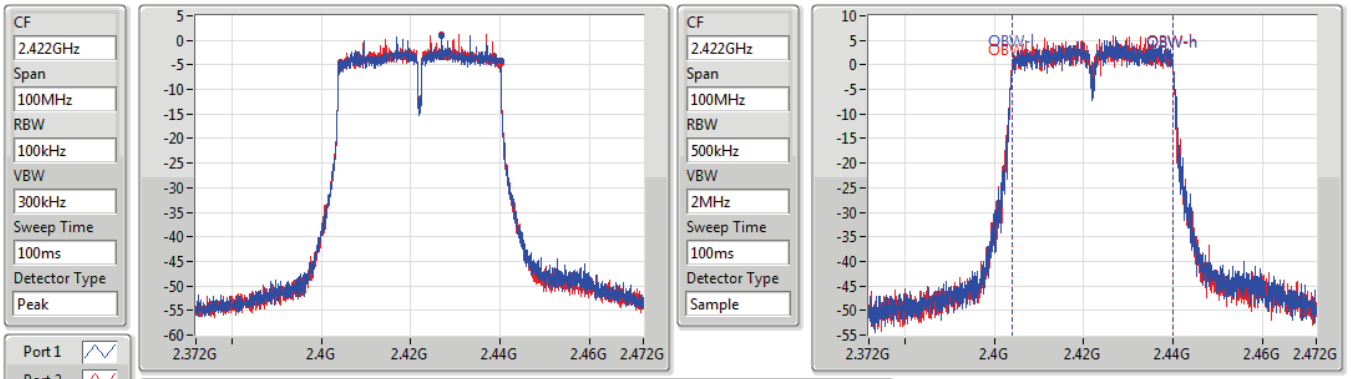


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4341G	2.47015G	36.132M	2.433909G	2.470041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

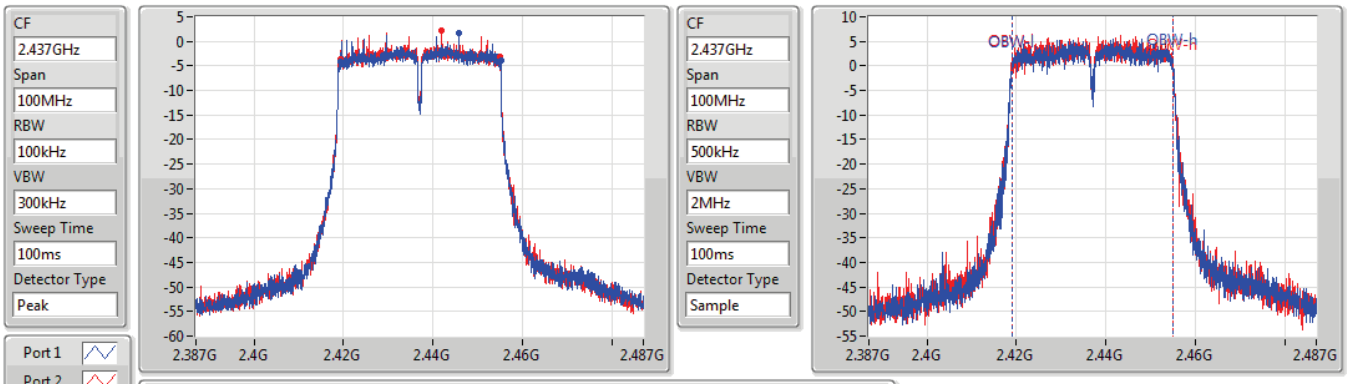


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.40445G	2.44015G	36.032M	2.404009G	2.440041G	500k	1
35.9M	2.40425G	2.44015G	36.082M	2.403959G	2.440041G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

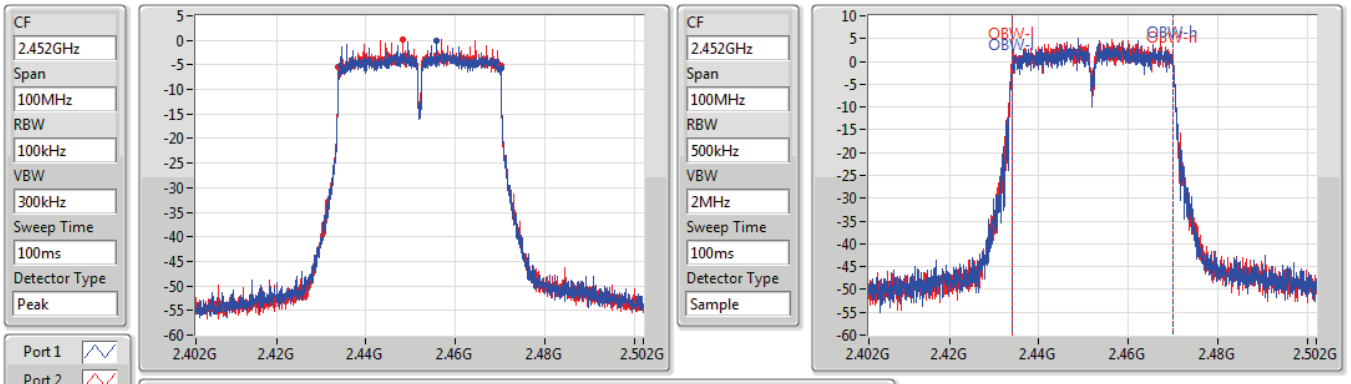


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.9M	2.41925G	2.45515G	36.082M	2.418959G	2.455041G	500k	1
35.65M	2.41925G	2.4549G	36.032M	2.418959G	2.454991G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019

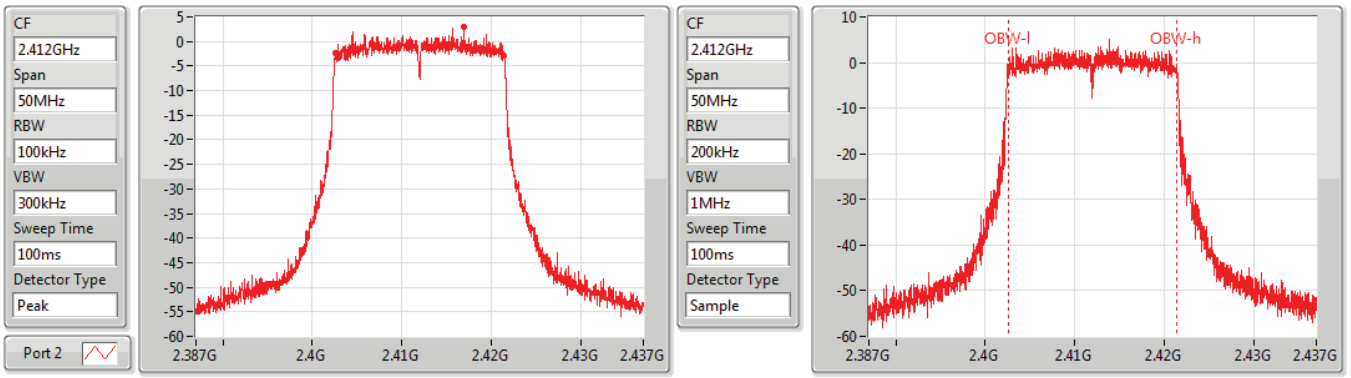


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4342G	2.47015G	36.082M	2.434009G	2.470091G	500k	1
36.3M	2.43385G	2.47015G	36.132M	2.433909G	2.470041G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2412MHz

13/08/2019

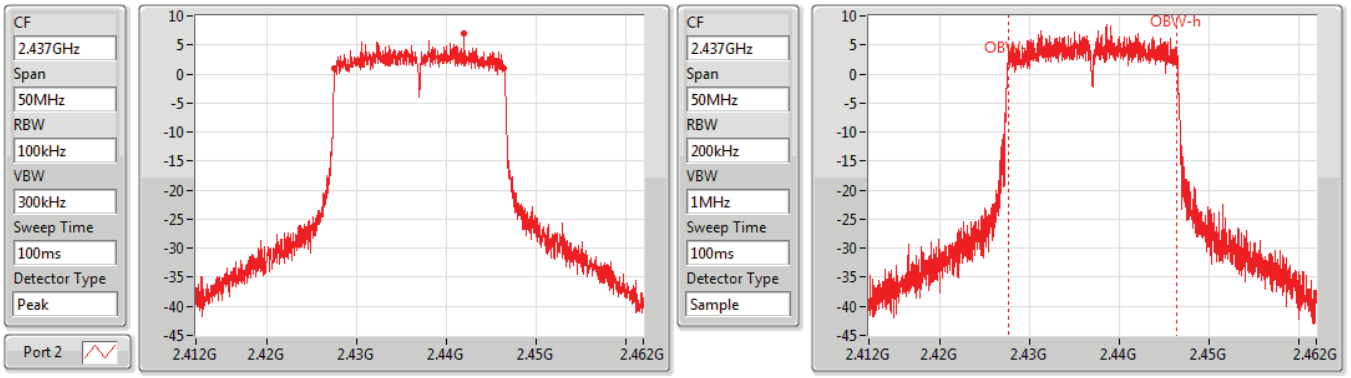


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.4026G	2.4214G	18.891M	2.40253G	2.42142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

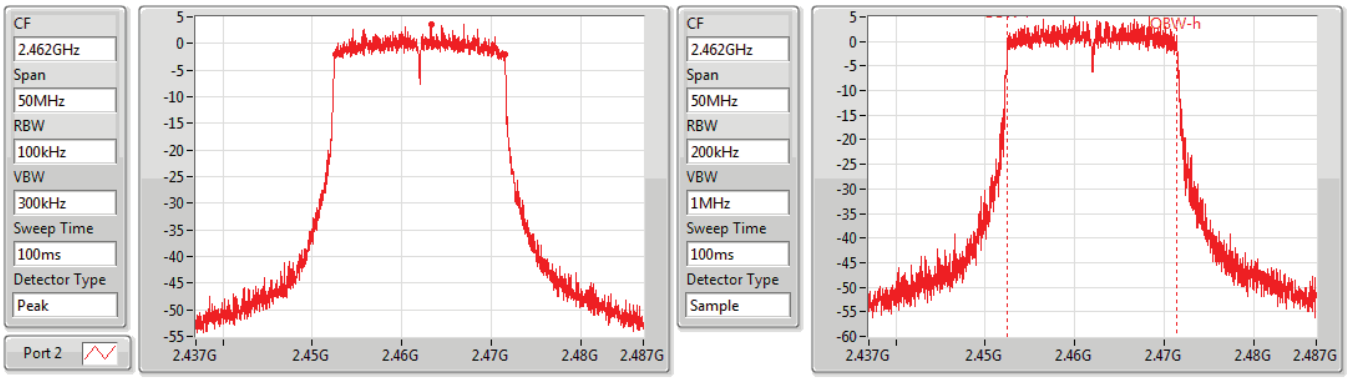


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4275G	2.44645G	18.916M	2.42753G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) EBW

2462MHz

13/08/2019

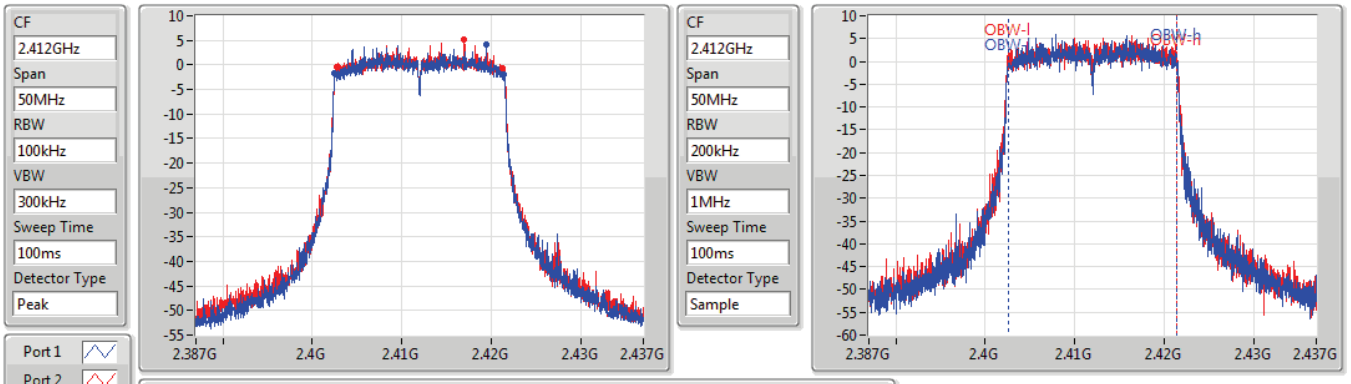


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.452575G	2.471475G	18.916M	2.452505G	2.47142G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

13/08/2019

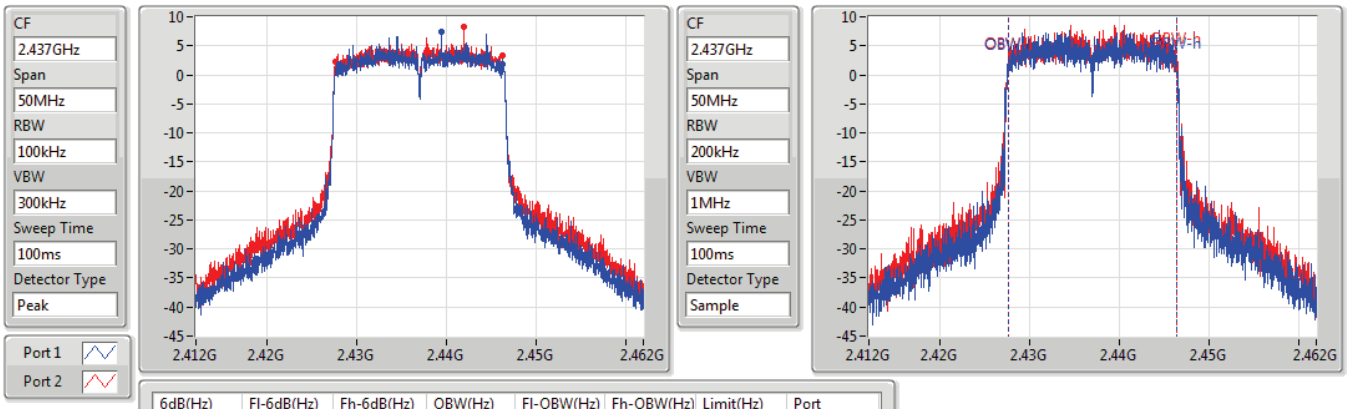


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.402525G	2.4214G	18.866M	2.402555G	2.42142G	500k	1
18.625M	2.4027G	2.421325G	18.916M	2.40253G	2.421445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

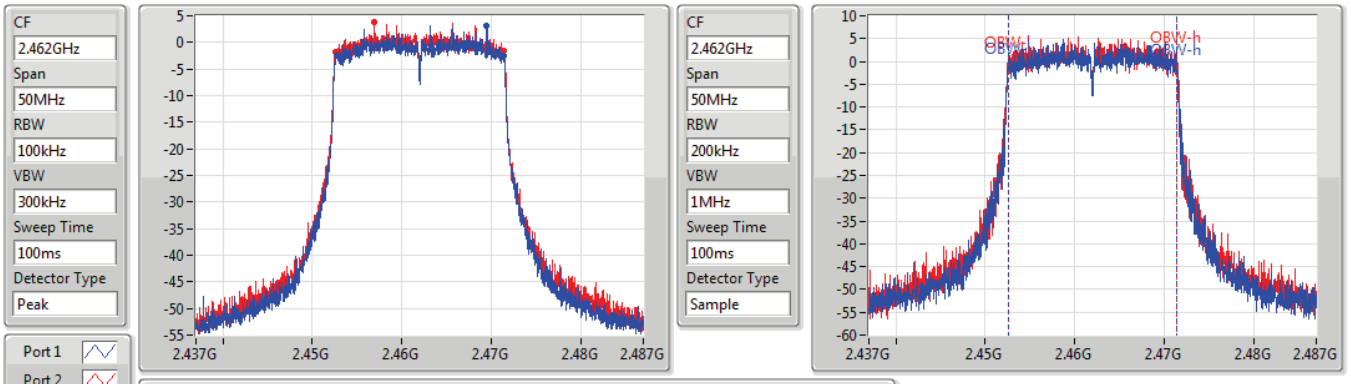


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.375M	2.42795G	2.446325G	18.891M	2.42753G	2.44642G	500k	1
18.675M	2.427625G	2.4463G	18.916M	2.42753G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2462MHz

13/08/2019

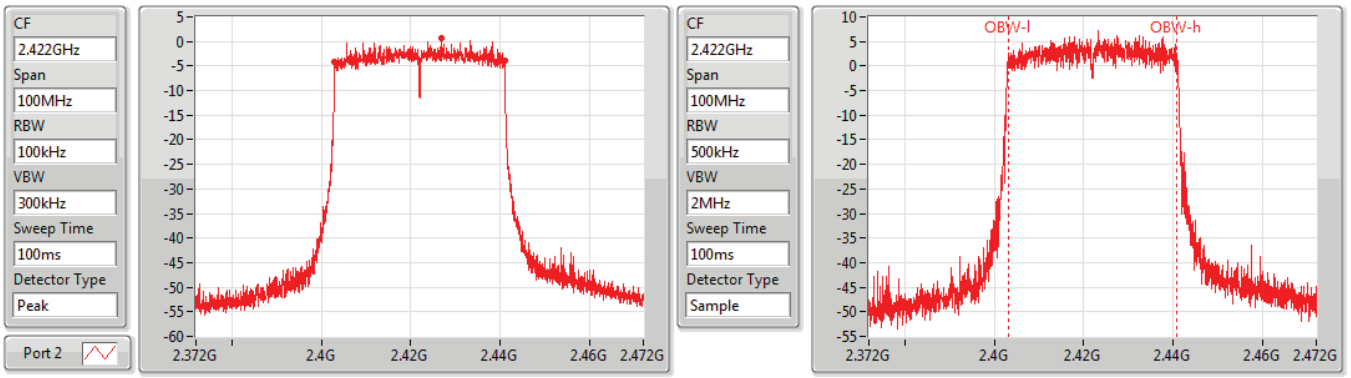


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.4527G	2.471425G	18.866M	2.452555G	2.47142G	500k	1
18.825M	2.4526G	2.471425G	18.891M	2.452555G	2.471445G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2422MHz

13/08/2019

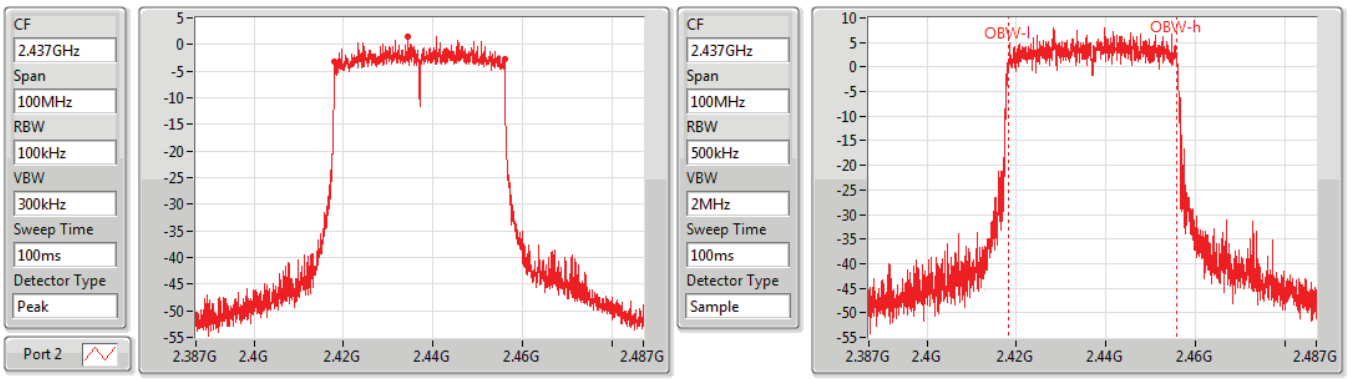


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.403G	2.441G	37.731M	2.403159G	2.440891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2437MHz

13/08/2019

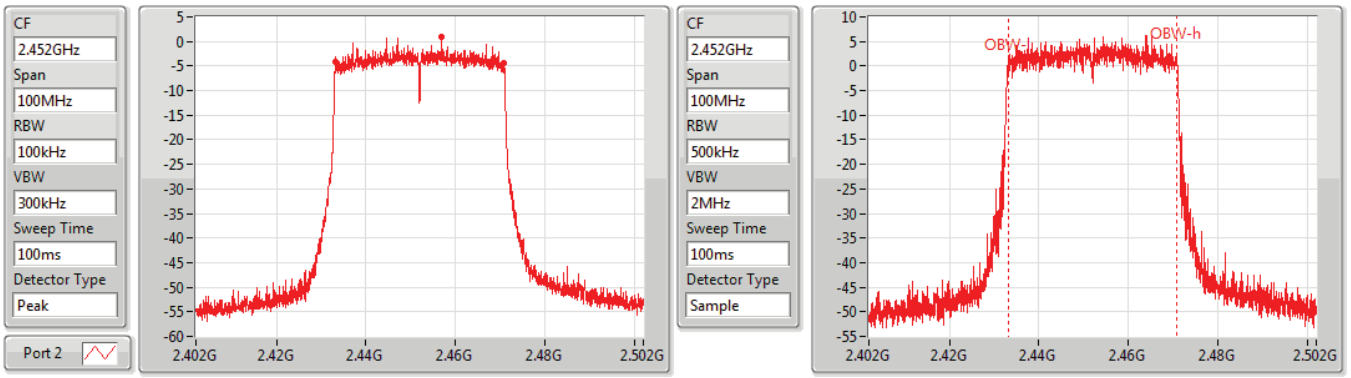


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.95M	2.41805G	2.456G	37.681M	2.418159G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) EBW

2452MHz

13/08/2019

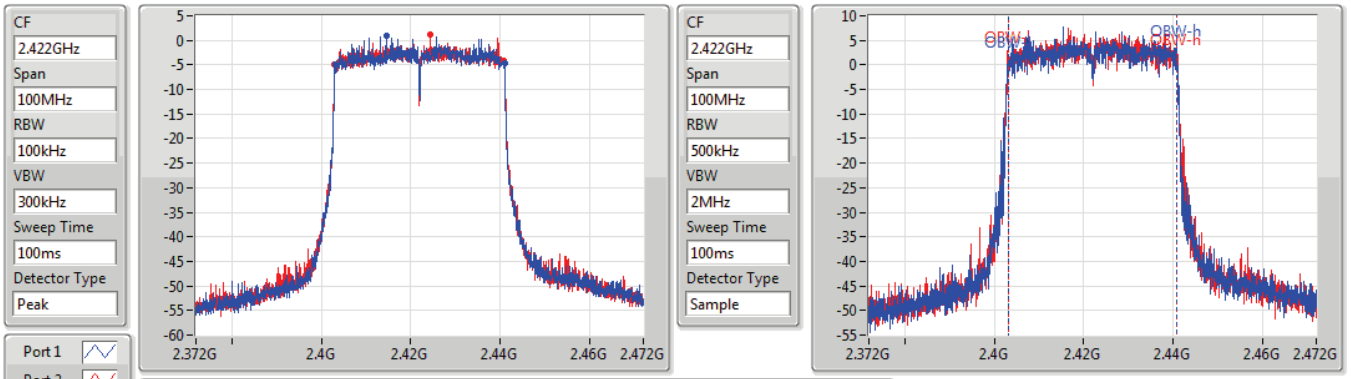


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4332G	2.47075G	37.681M	2.433159G	2.470841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2422MHz

13/08/2019

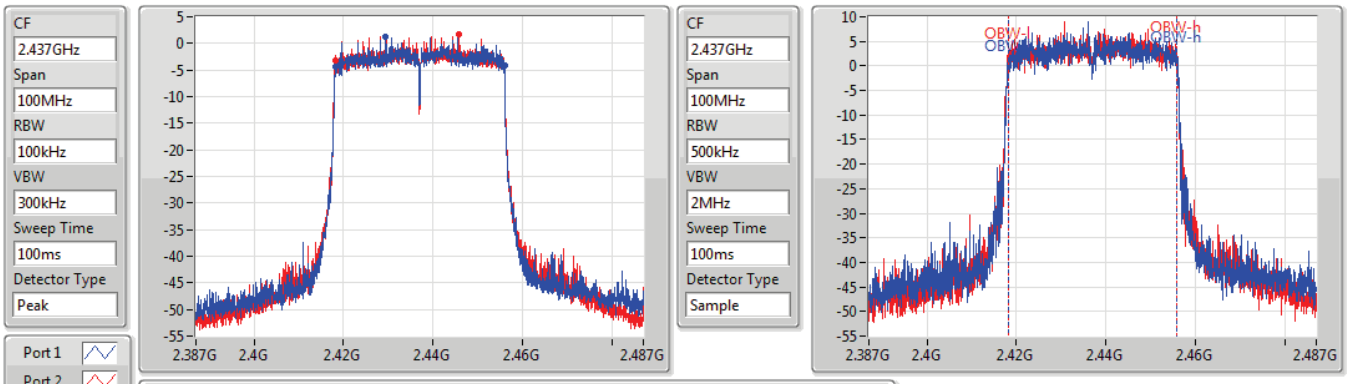


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.40325G	2.44095G	37.631M	2.403159G	2.440791G	500k	1
37.85M	2.403G	2.44085G	37.781M	2.403109G	2.440891G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2437MHz

13/08/2019

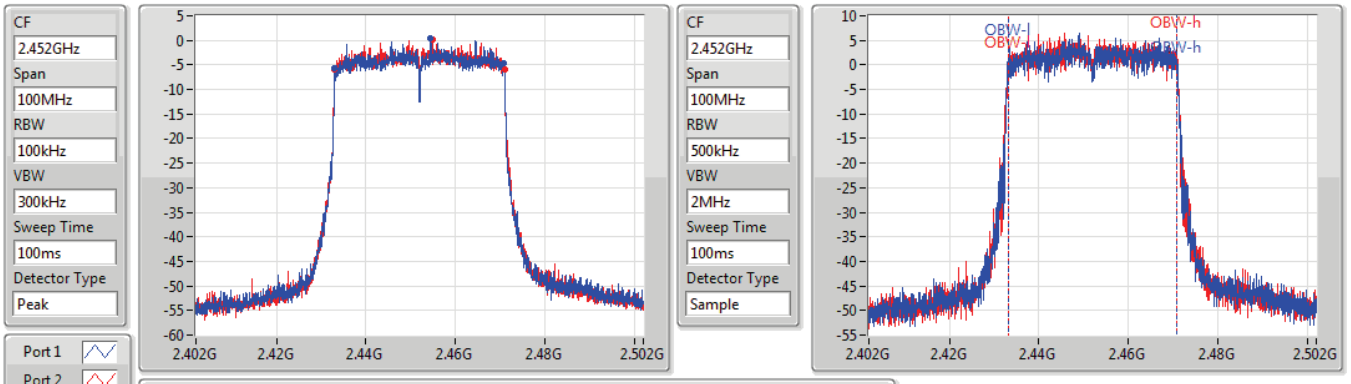


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.4182G	2.456G	37.681M	2.418159G	2.455841G	500k	1
38M	2.4181G	2.4561G	37.731M	2.418109G	2.455841G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

2452MHz

13/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.85M	2.43305G	2.4709G	37.731M	2.433109G	2.470841G	500k	1
38.1M	2.43285G	2.47095G	37.781M	2.433109G	2.470891G	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)_1TX	7.575M	11.769M	11M8G1D	5.625M	11.494M
802.11g_Nss1,(6Mbps)_1TX	15.775M	20.265M	20M3D1D	15.3M	16.517M
VHT20_Nss1,(MCS0)_1TX	17.525M	17.766M	17M8D1D	16.75M	17.616M
VHT40_Nss1,(MCS0)_1TX	35.7M	36.382M	36M4D1D	35.3M	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

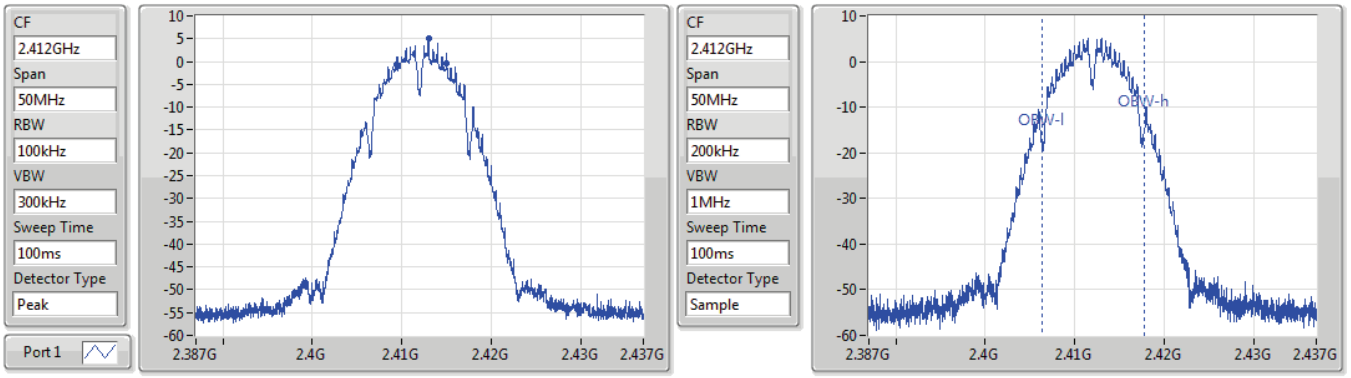
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	5.625M	11.494M
2437MHz	Pass	500k	7.575M	11.619M
2462MHz	Pass	500k	7.1M	11.769M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.775M	16.517M
2437MHz	Pass	500k	15.3M	20.265M
2462MHz	Pass	500k	15.75M	16.567M
VHT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.8M	17.766M
2437MHz	Pass	500k	17.525M	17.616M
2462MHz	Pass	500k	16.75M	17.741M
VHT40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	35.4M	36.282M
2437MHz	Pass	500k	35.7M	36.382M
2452MHz	Pass	500k	35.3M	36.282M

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

802.11b_Nss1,(1Mbps)_1TX EBW

2412MHz

21/08/2019

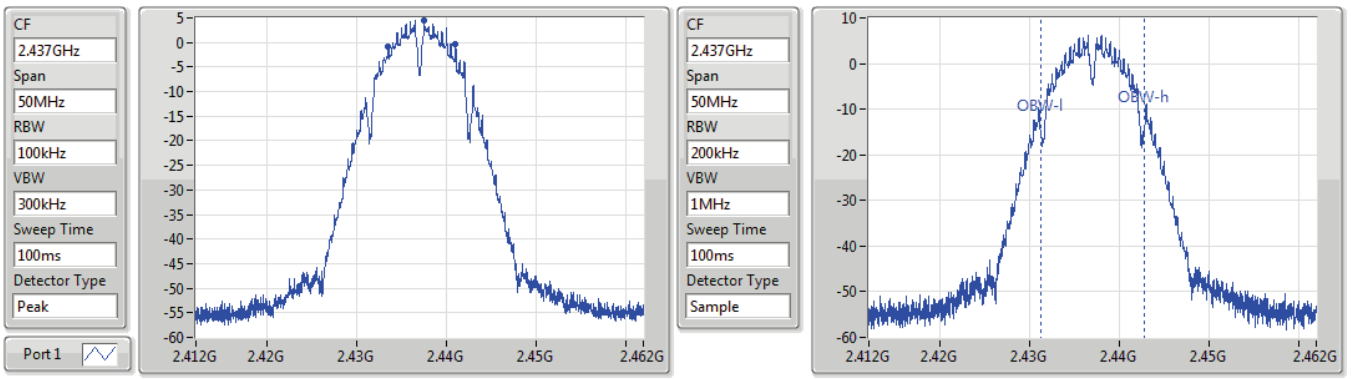


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
5.625M	2.409425G	2.41505G	11.494M	2.406353G	2.417847G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

21/08/2019

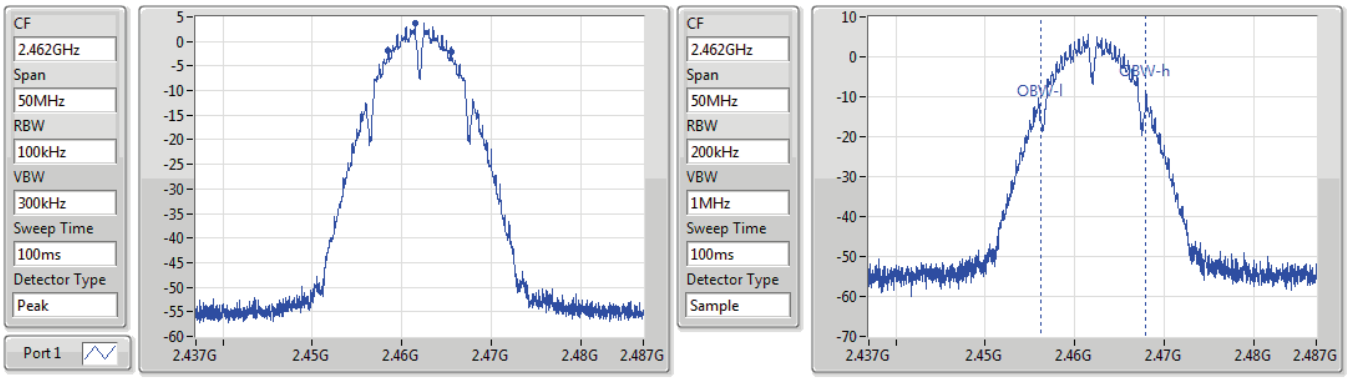


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.43345G	2.441025G	11.619M	2.431228G	2.442847G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2462MHz

21/08/2019

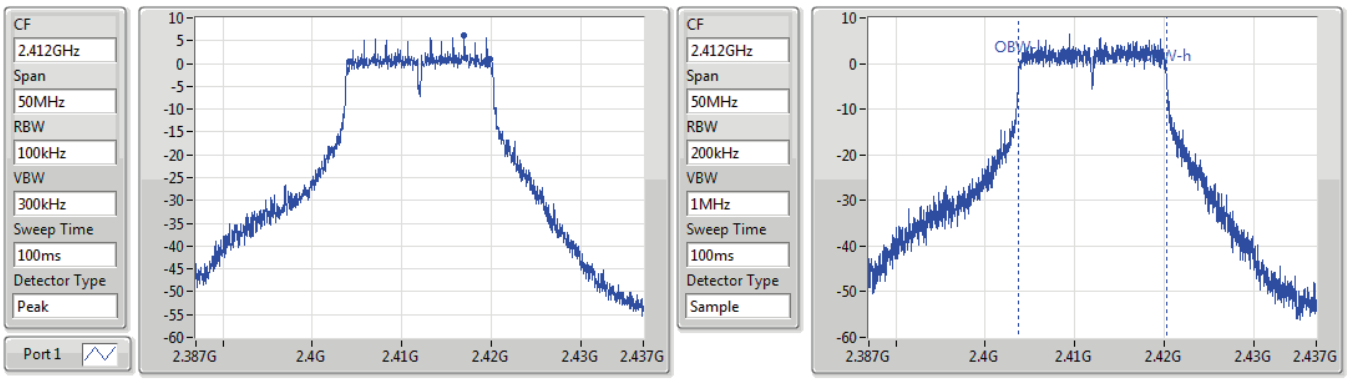


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.45845G	2.46555G	11.769M	2.456178G	2.467947G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2412MHz

21/08/2019

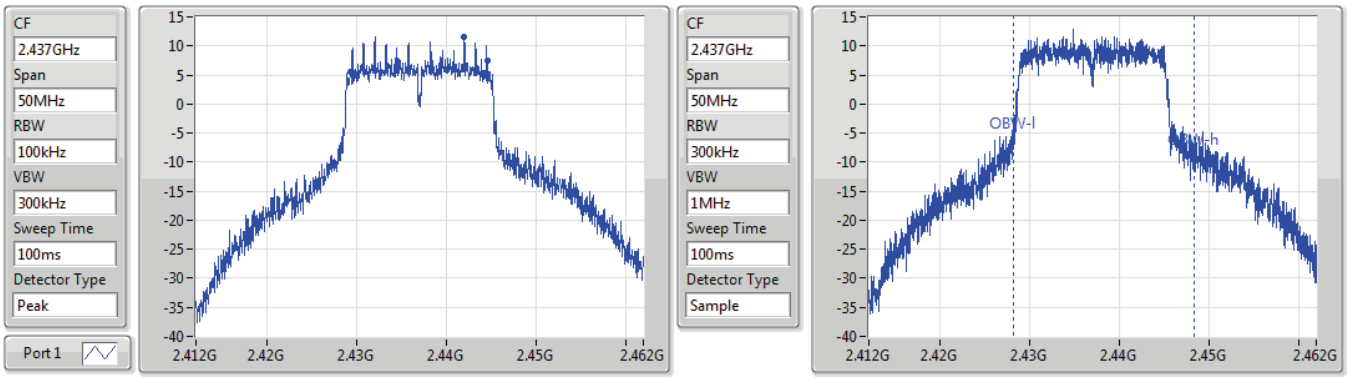


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.775M	2.4041G	2.419875G	16.517M	2.403754G	2.420271G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2437MHz

21/08/2019

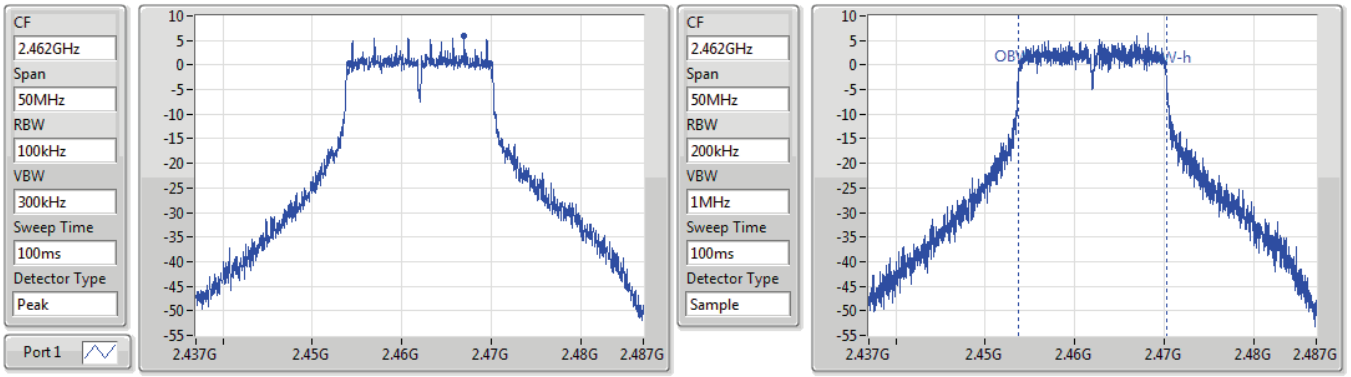


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.3M	2.42925G	2.44455G	20.265M	2.428154G	2.448419G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

2462MHz

21/08/2019

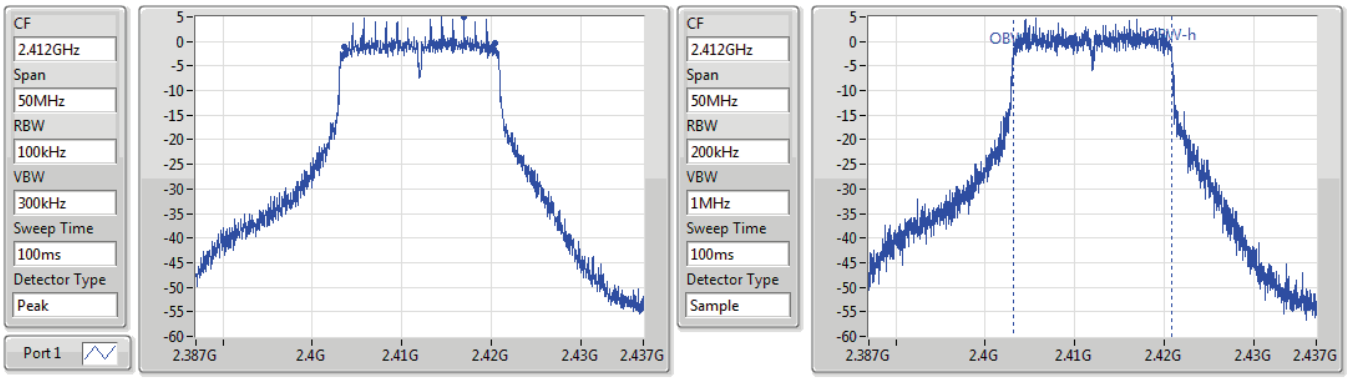


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.75M	2.454125G	2.469875G	16.567M	2.453729G	2.470296G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

2412MHz

21/08/2019

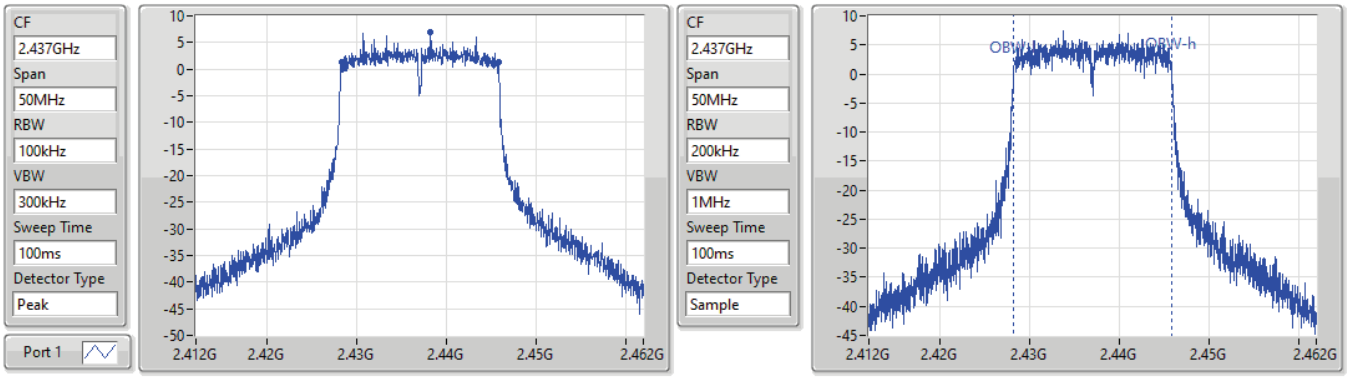


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.403575G	2.420375G	17.766M	2.403104G	2.420871G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

2437MHz

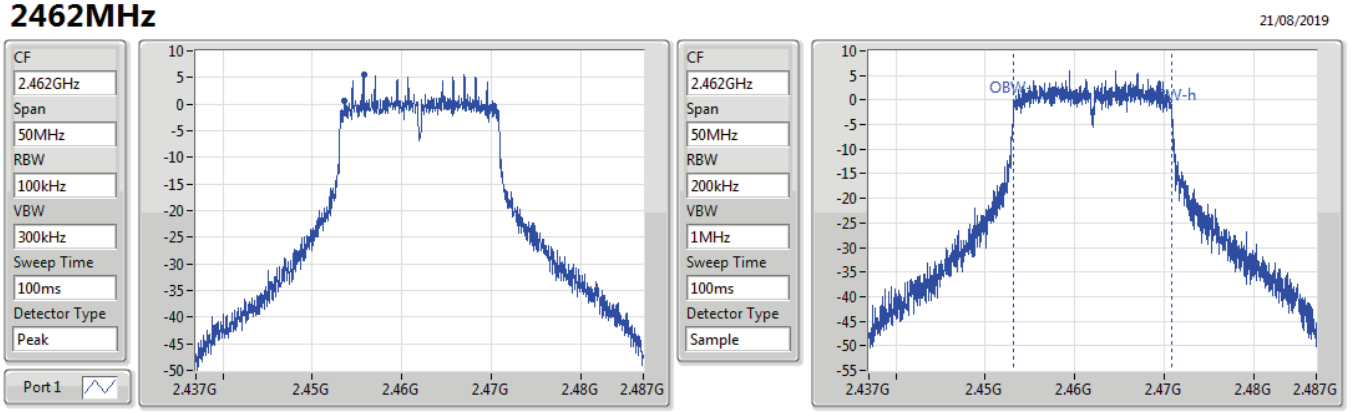
15/11/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	2.42825G	2.445775G	17.616M	2.428204G	2.445821G	500k	1

VHT20_Nss1,(MCS0)_1TX EBW

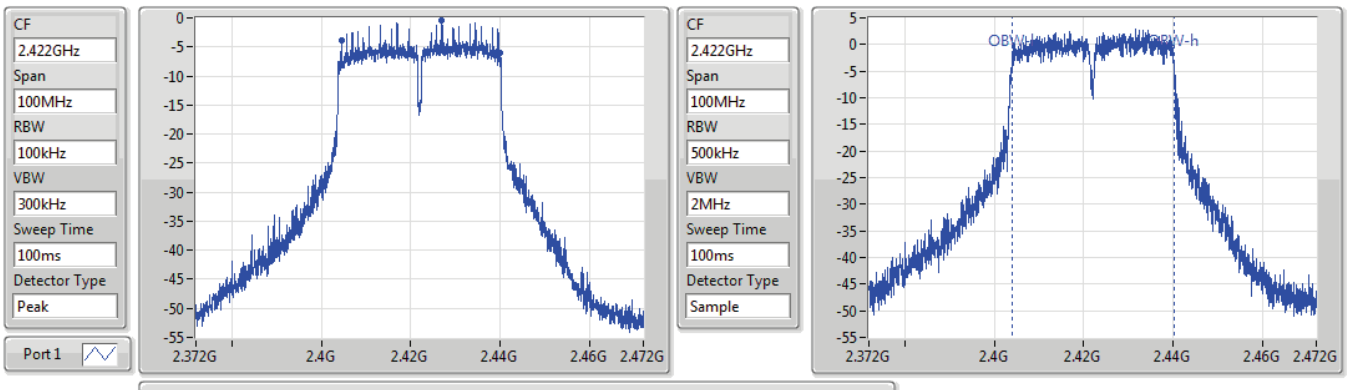
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.75M	2.4536G	2.47035G	17.741M	2.453129G	2.470871G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2422MHz

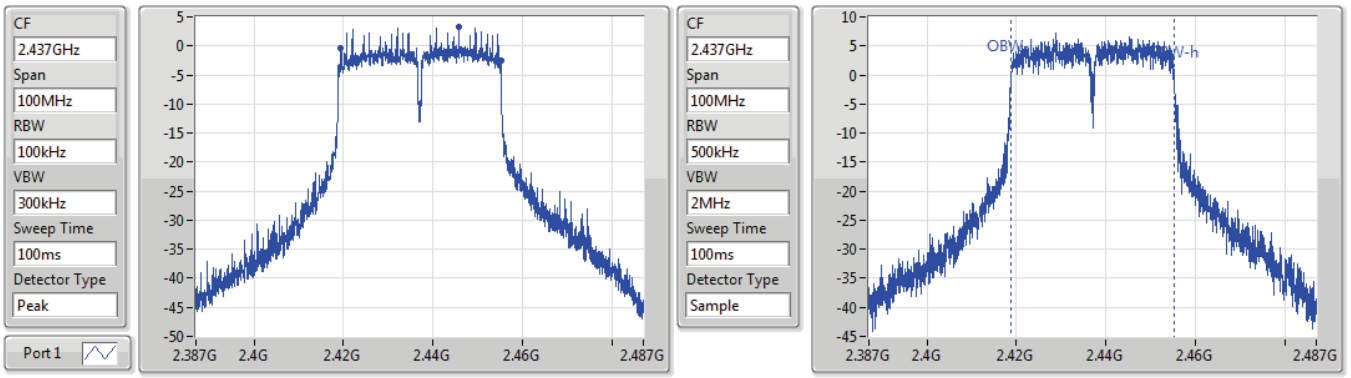


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.4M	2.4045G	2.4399G	36.282M	2.403909G	2.440191G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2437MHz

21/08/2019

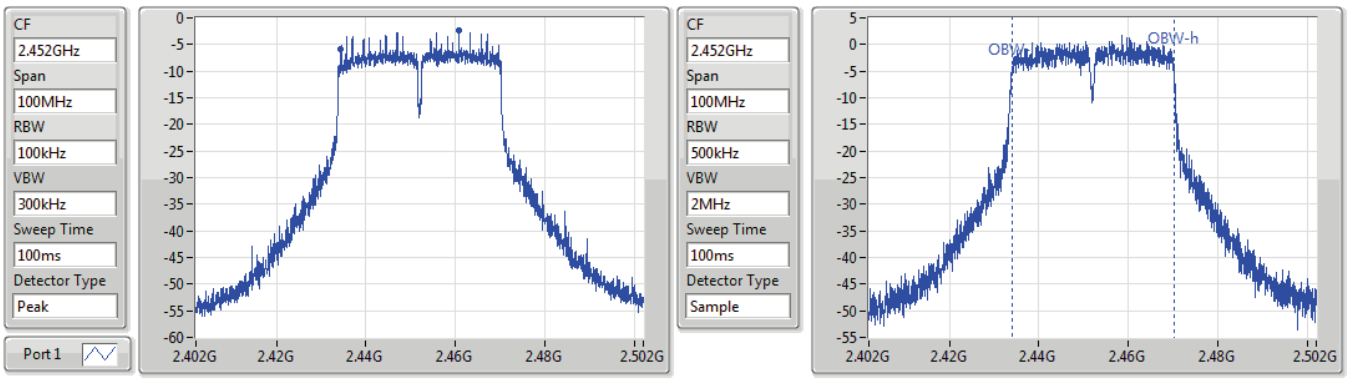


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	2.41945G	2.45515G	36.382M	2.418859G	2.455241G	500k	1

VHT40_Nss1,(MCS0)_1TX EBW

2452MHz

21/08/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	2.43445G	2.46975G	36.282M	2.433909G	2.470191G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	17.525M	17.616M	17M6D1D	15.1M	17.566M
VHT40-BF_Nss1,(MCS0)_2TX	33.95M	36.682M	36M7D1D	25.55M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.5M	17.591M	17M6D1D	15.025M	17.566M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	35.9M	36.682M	36M7D1D	28.05M	36.082M

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

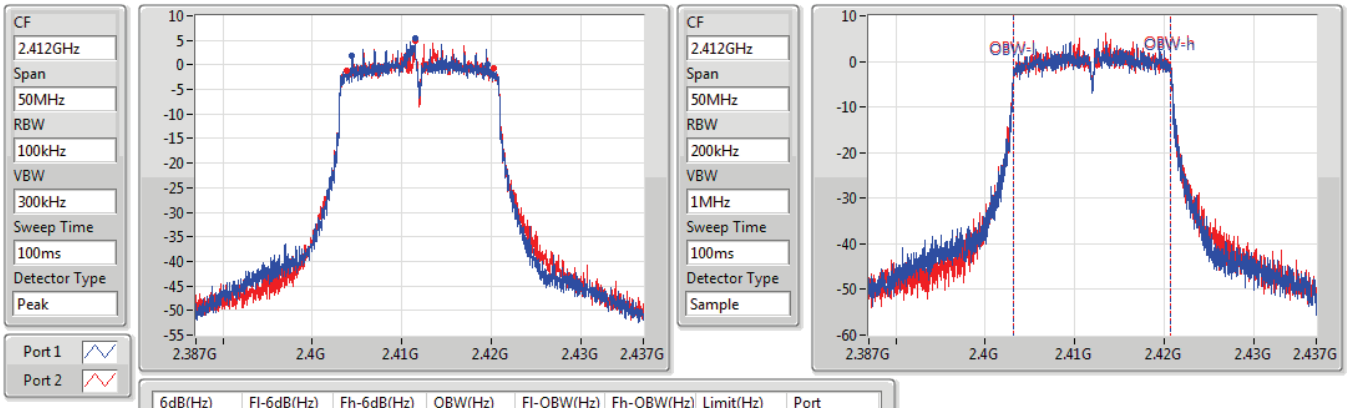
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.1M	17.591M	16.425M	17.591M
2437MHz	Pass	500k	15.9M	17.566M	17.1M	17.591M
2462MHz	Pass	500k	17.375M	17.616M	17.525M	17.591M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	33.85M	36.432M	33.95M	36.532M
2437MHz	Pass	500k	30M	36.682M	30.05M	36.682M
2452MHz	Pass	500k	25.55M	36.132M	33.75M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.15M	17.591M	15.05M	17.566M
2437MHz	Pass	500k	15.025M	17.591M	16.925M	17.591M
2462MHz	Pass	500k	15.1M	17.591M	17.5M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35M	36.682M	35.9M	36.382M
2437MHz	Pass	500k	28.05M	36.532M	30.05M	36.082M
2452MHz	Pass	500k	35M	36.082M	35.05M	36.132M

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

VHT20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

13/09/2019

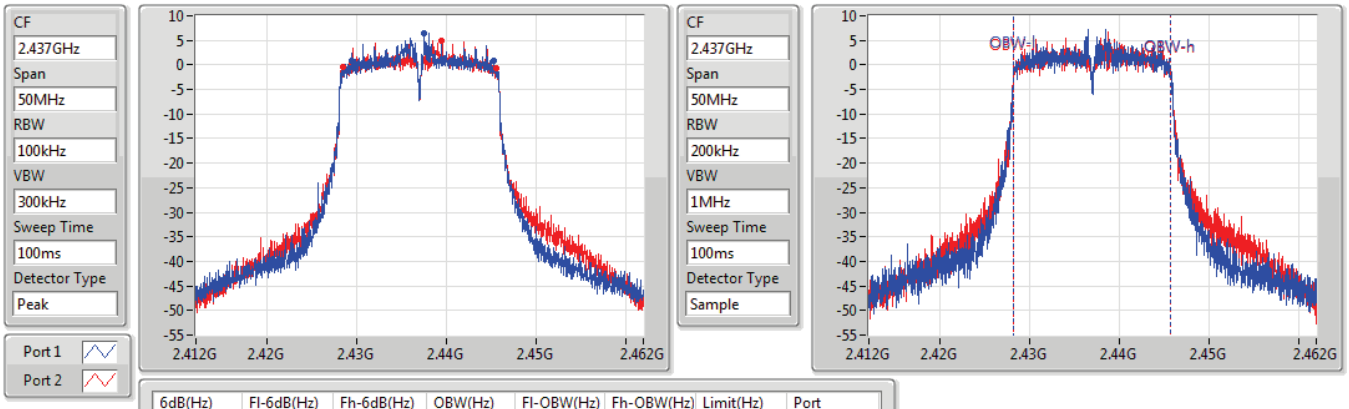


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.40445G	2.41955G	17.591M	2.403179G	2.420771G	500k	1
16.425M	2.4039G	2.420325G	17.591M	2.403179G	2.420771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

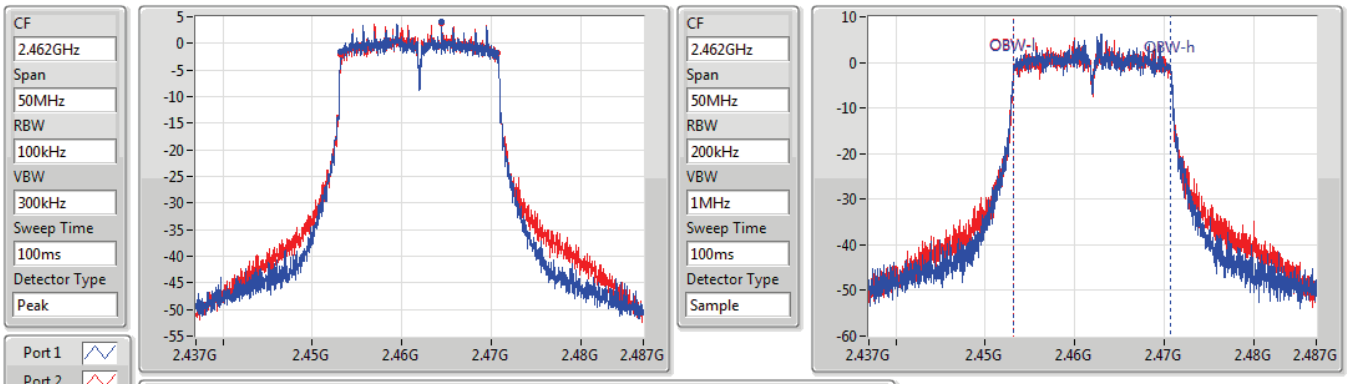


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.429425G	2.445325G	17.566M	2.428204G	2.445771G	500k	1
17.1M	2.4285G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

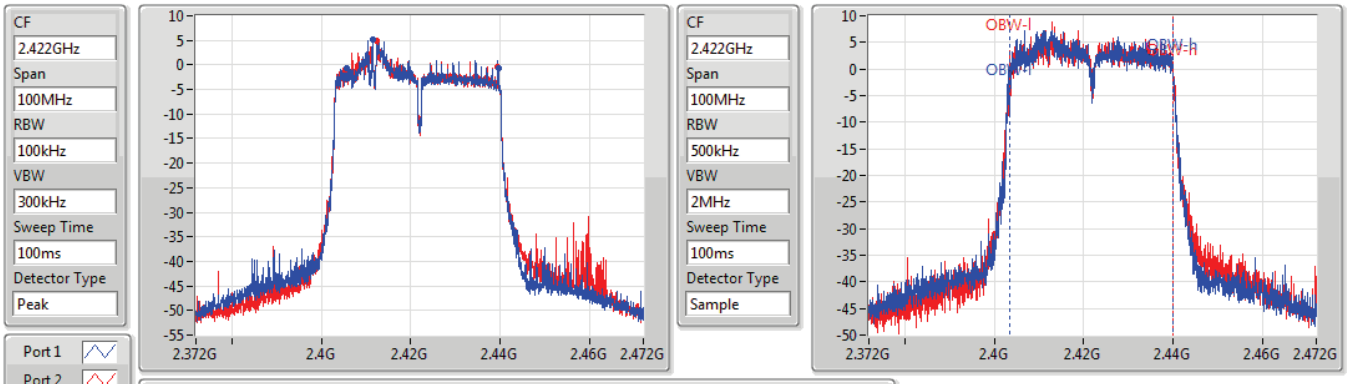


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.453225G	2.4706G	17.616M	2.453154G	2.470771G	500k	1
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

13/09/2019

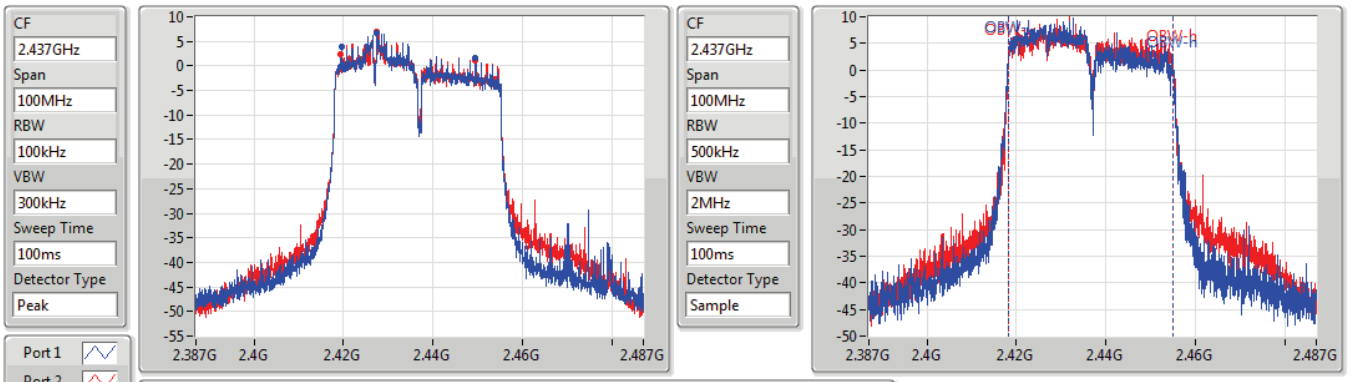


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.85M	2.4057G	2.43955G	36.432M	2.403509G	2.439941G	500k	1
33.95M	2.4055G	2.43945G	36.532M	2.403459G	2.439991G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

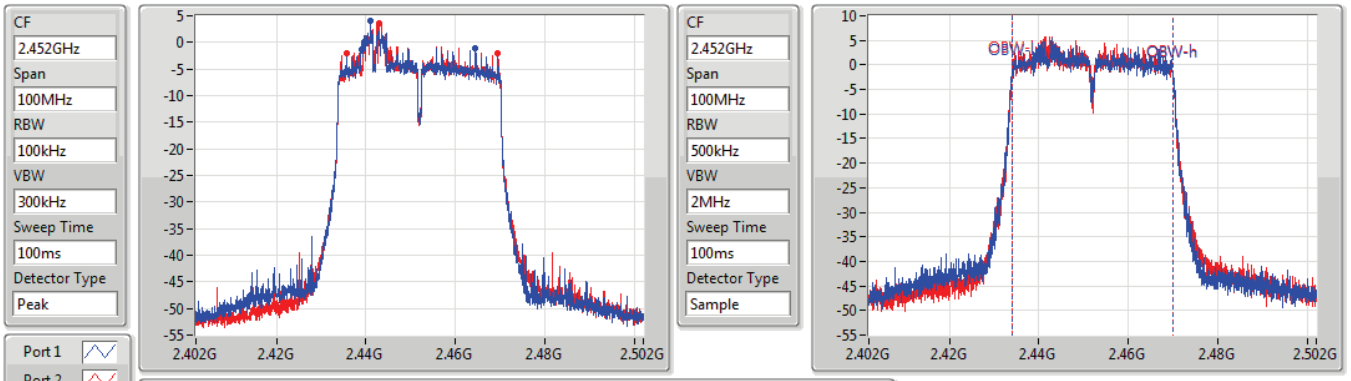


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30M	2.4195G	2.4495G	36.682M	2.418209G	2.454891G	500k	1
30.05M	2.41945G	2.4495G	36.682M	2.418259G	2.454941G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

13/09/2019

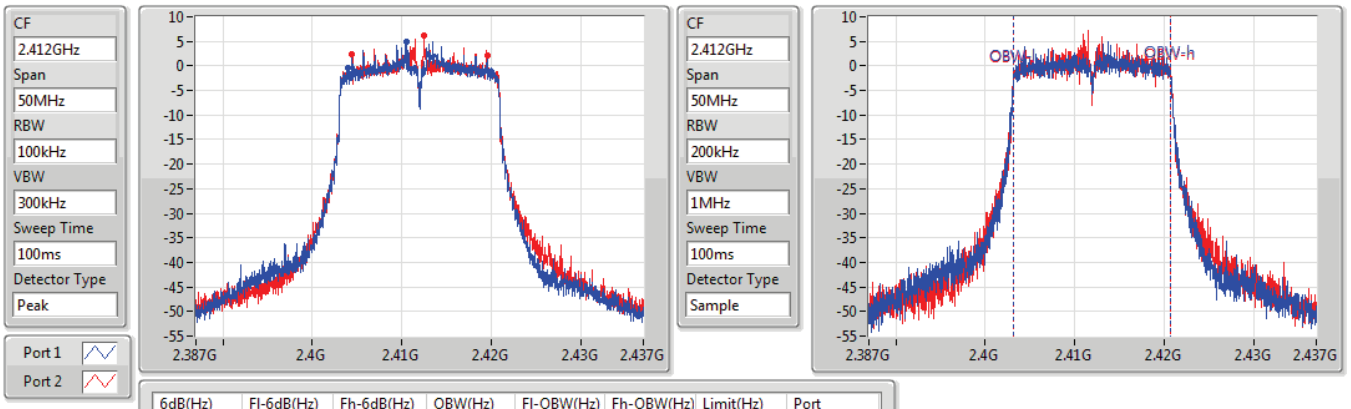


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.55M	2.43895G	2.4645G	36.132M	2.433909G	2.470041G	500k	1
33.75M	2.43575G	2.4695G	35.982M	2.434009G	2.469991G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

13/09/2019

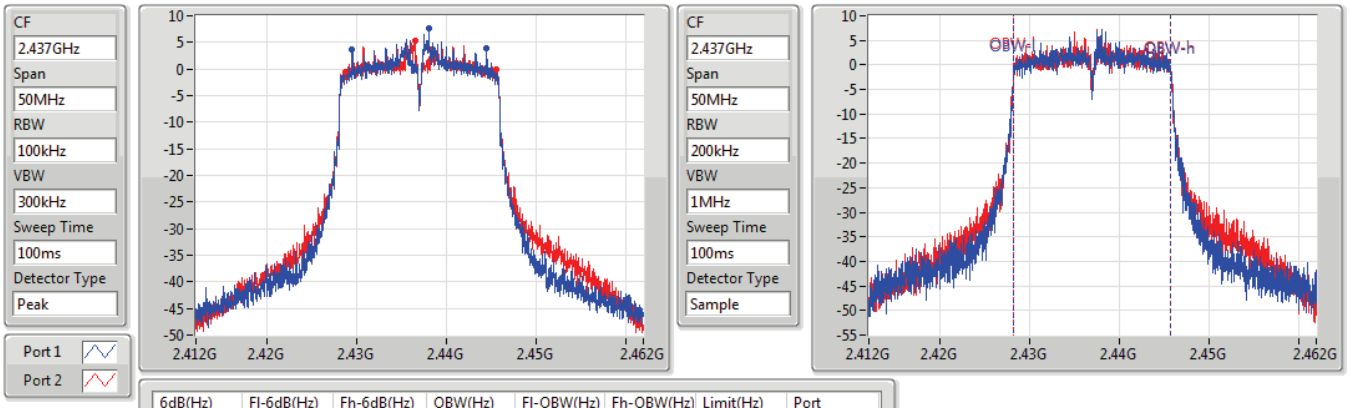


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.15M	2.403925G	2.420075G	17.591M	2.403179G	2.420771G	500k	1
15.05M	2.404475G	2.419525G	17.566M	2.403204G	2.420771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

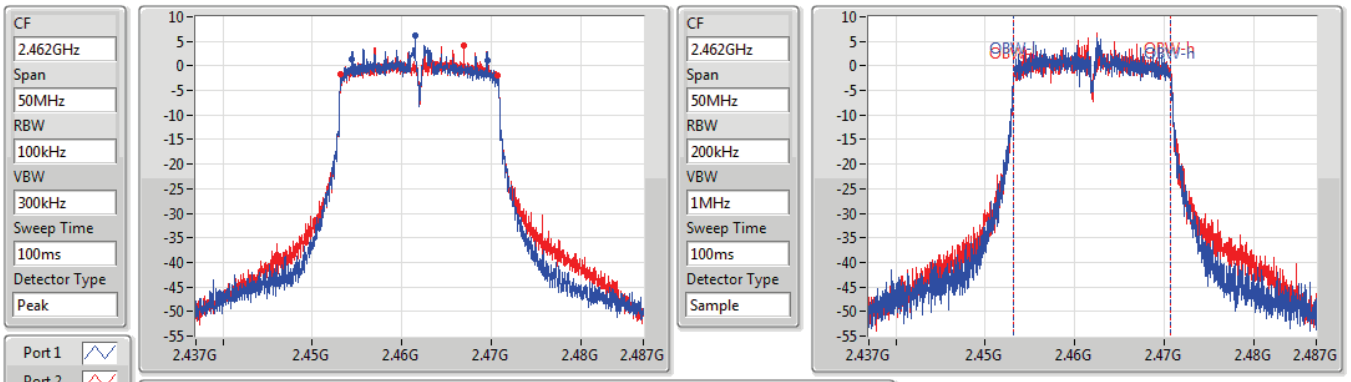


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	17.591M	2.428179G	2.445771G	500k	1
16.925M	2.428675G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

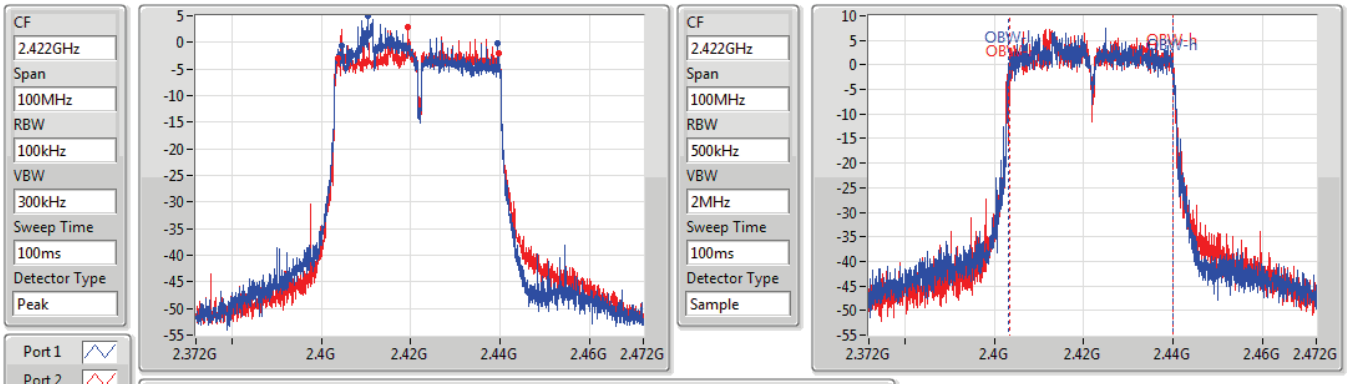


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	17.591M	2.453154G	2.470746G	500k	1
17.5M	2.453225G	2.470725G	17.591M	2.453179G	2.470771G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

13/09/2019

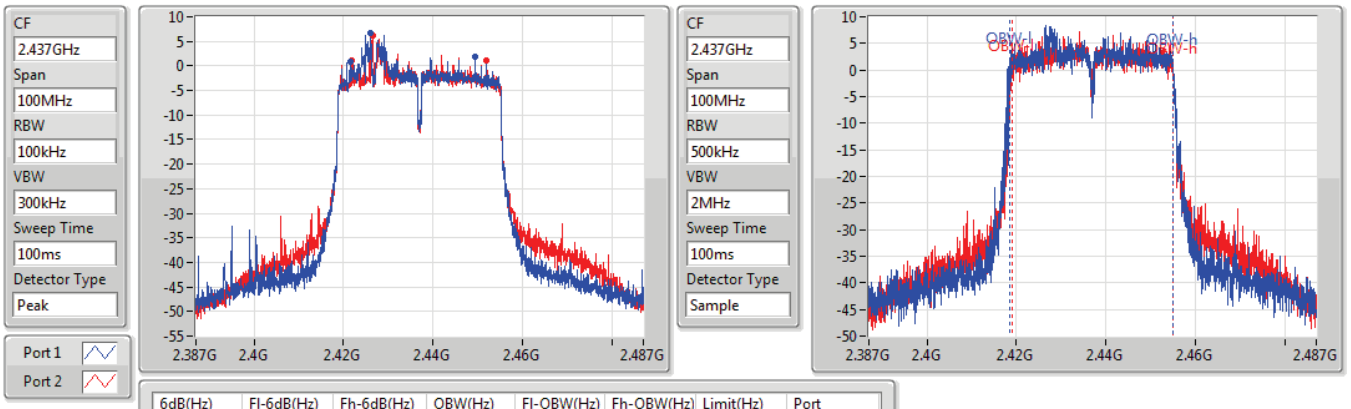


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4045G	2.4395G	36.682M	2.403309G	2.439991G	500k	1
35.9M	2.40365G	2.43955G	36.382M	2.403609G	2.439991G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

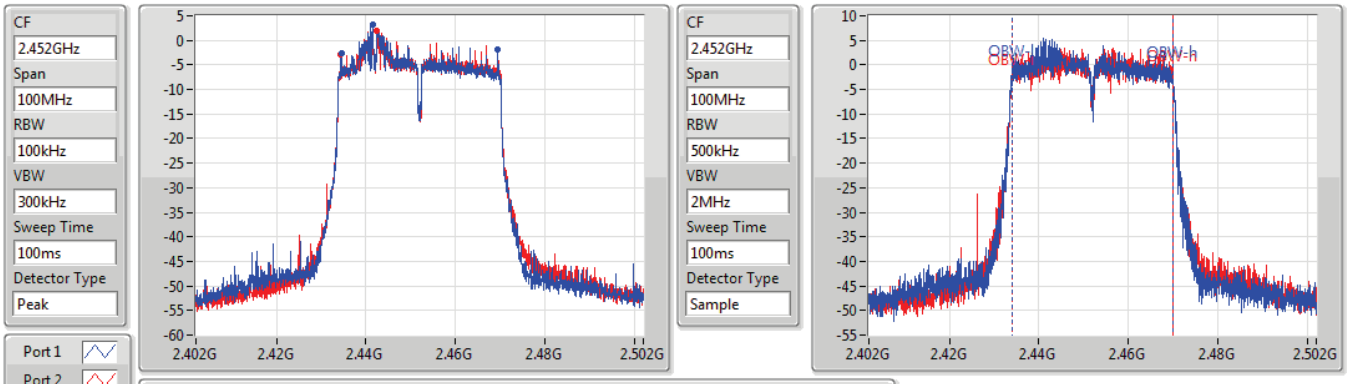


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.05M	2.42145G	2.4495G	36.532M	2.418459G	2.454991G	500k	1
30.05M	2.42195G	2.452G	36.082M	2.418959G	2.455041G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

13/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	36.082M	2.433909G	2.469991G	500k	1
35.05M	2.43445G	2.4695G	36.132M	2.433909G	2.470041G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	17.525M	17.616M	17M6D1D	15.9M	17.566M
VHT40-BF_Nss1,(MCS0)_2TX	35.25M	36.082M	36M1D1D	31.05M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.5M	17.616M	17M6D1D	15.025M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	35.1M	36.032M	36M0D1D	32.55M	35.982M

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

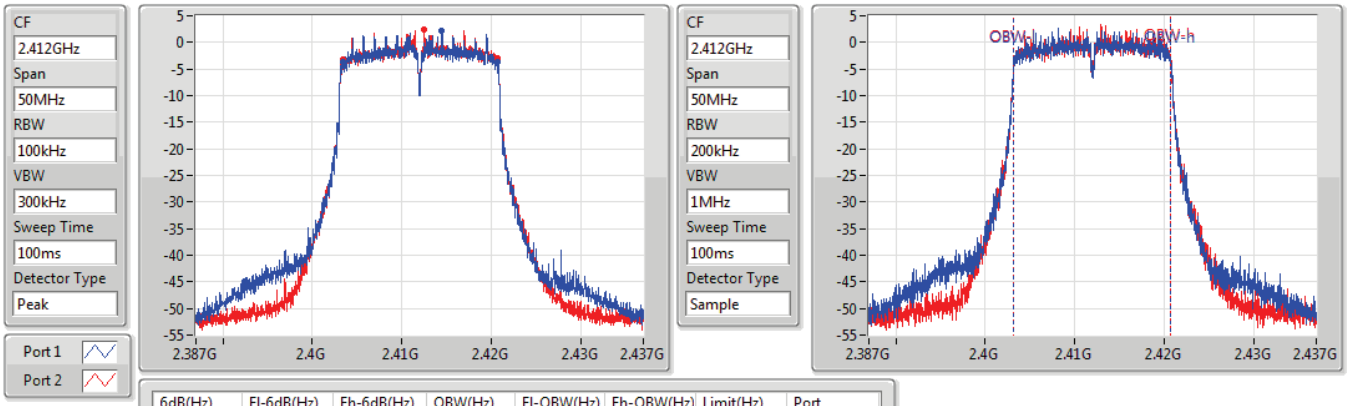
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.375M	17.591M	17.25M	17.566M
2437MHz	Pass	500k	15.9M	17.566M	17.1M	17.591M
2462MHz	Pass	500k	17.375M	17.616M	17.525M	17.591M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31.05M	35.982M	32.5M	36.032M
2437MHz	Pass	500k	35.25M	36.082M	35M	35.982M
2452MHz	Pass	500k	33.8M	36.032M	35.1M	36.032M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.825M	17.616M	17.25M	17.591M
2437MHz	Pass	500k	15.025M	17.591M	16.925M	17.591M
2462MHz	Pass	500k	15.1M	17.591M	17.5M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	36.032M	32.55M	36.032M
2437MHz	Pass	500k	33.8M	35.982M	33.75M	36.032M
2452MHz	Pass	500k	33.8M	36.032M	33.7M	36.032M

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

VHT20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

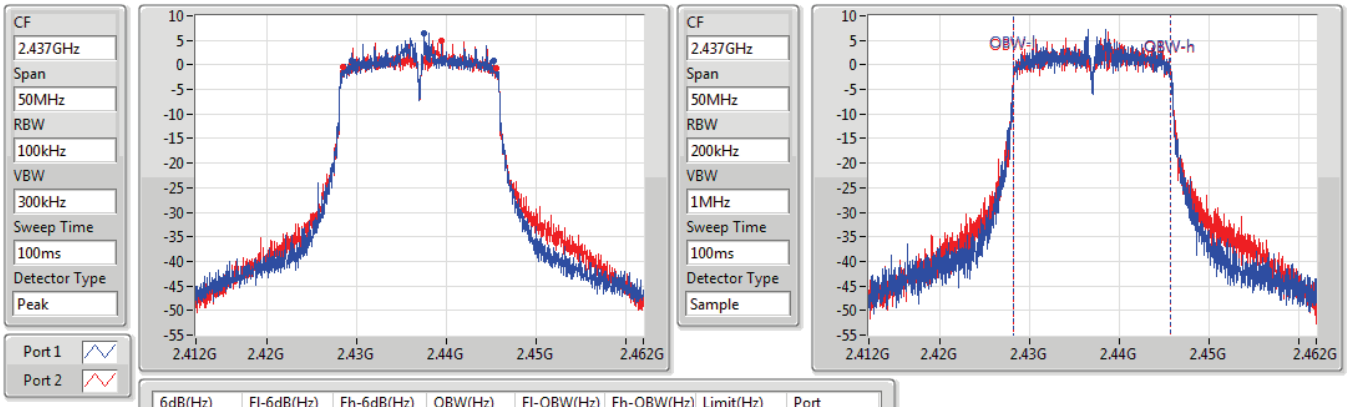


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.403375G	2.42075G	17.591M	2.403179G	2.420771G	500k	1
17.25M	2.4035G	2.42075G	17.566M	2.403204G	2.420771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

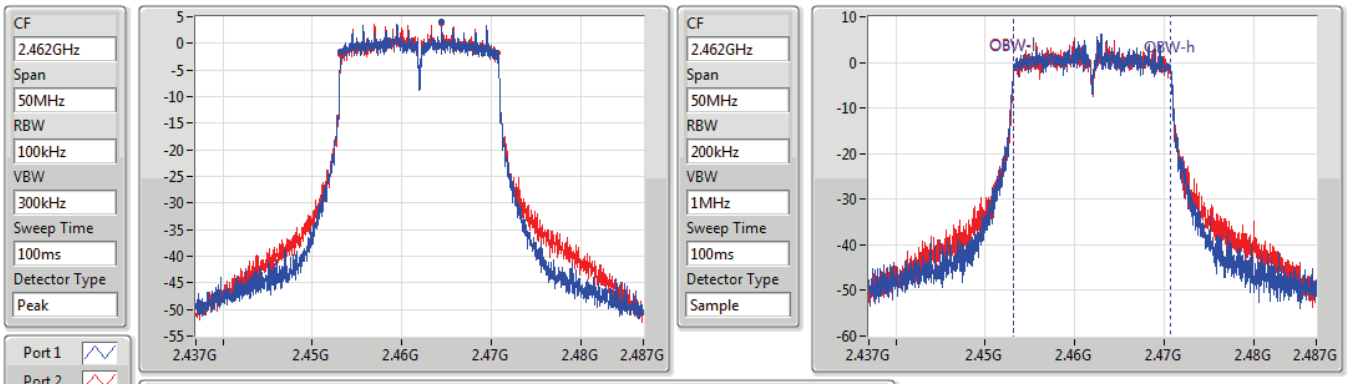


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.429425G	2.445325G	17.566M	2.428204G	2.445771G	500k	1
17.1M	2.4285G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

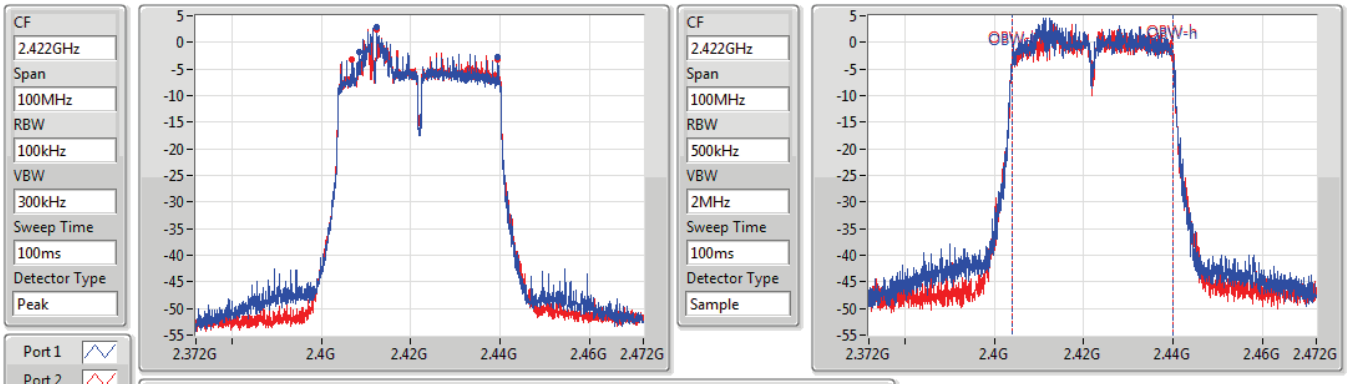


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.453225G	2.4706G	17.616M	2.453154G	2.470771G	500k	1
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

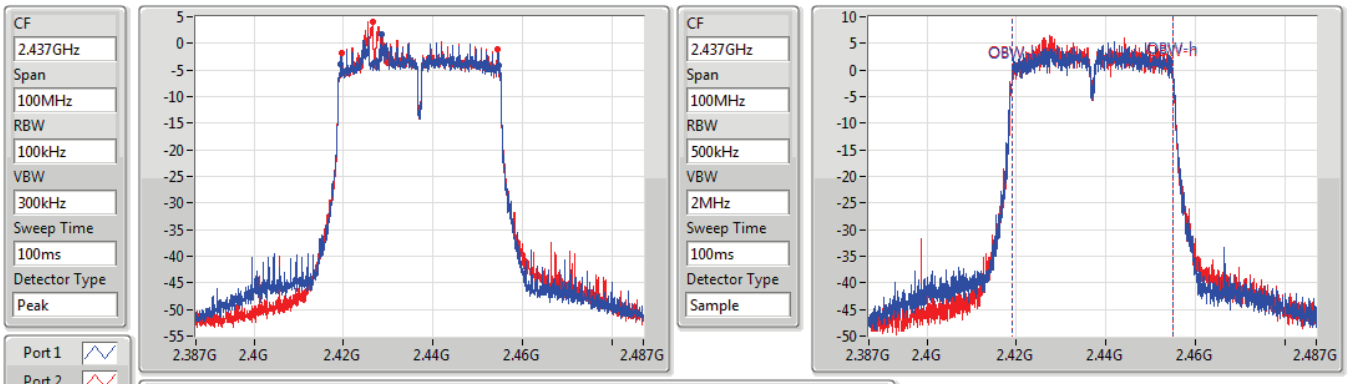


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.05M	2.40845G	2.4395G	35.982M	2.404009G	2.439991G	500k	1
32.5M	2.40695G	2.43945G	36.032M	2.404009G	2.440041G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

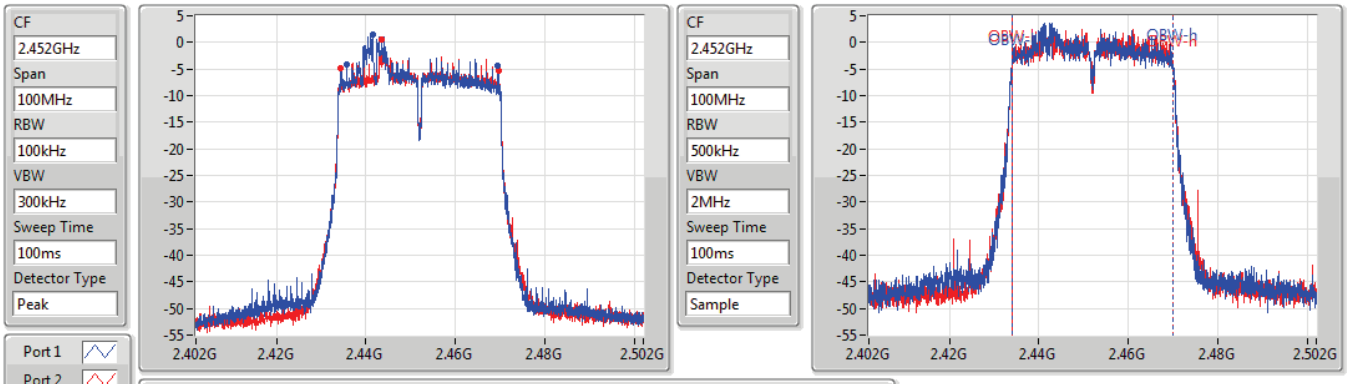


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	2.4194G	2.45465G	36.082M	2.418959G	2.455041G	500k	1
35M	2.4195G	2.4545G	35.982M	2.419009G	2.454991G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019

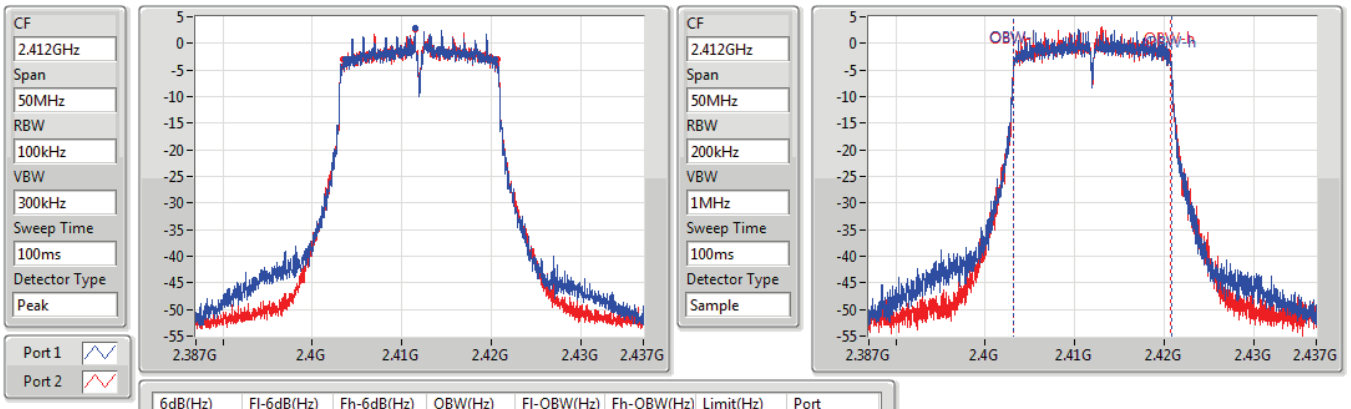


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4357G	2.4695G	36.032M	2.433959G	2.469991G	500k	1
35.1M	2.43445G	2.46955G	36.032M	2.433959G	2.469991G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

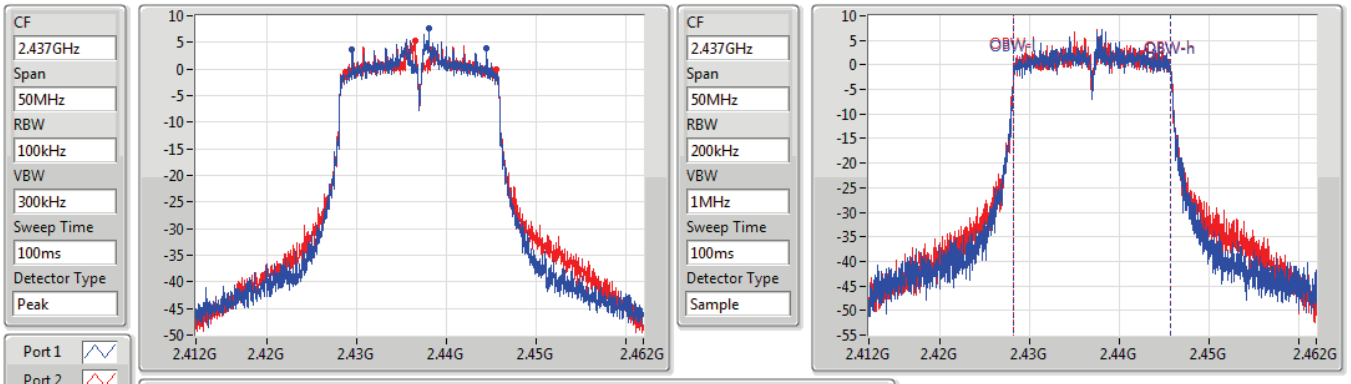


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.825M	2.40365G	2.420475G	17.616M	2.403179G	2.420796G	500k	1
17.25M	2.4035G	2.42075G	17.591M	2.403179G	2.420771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

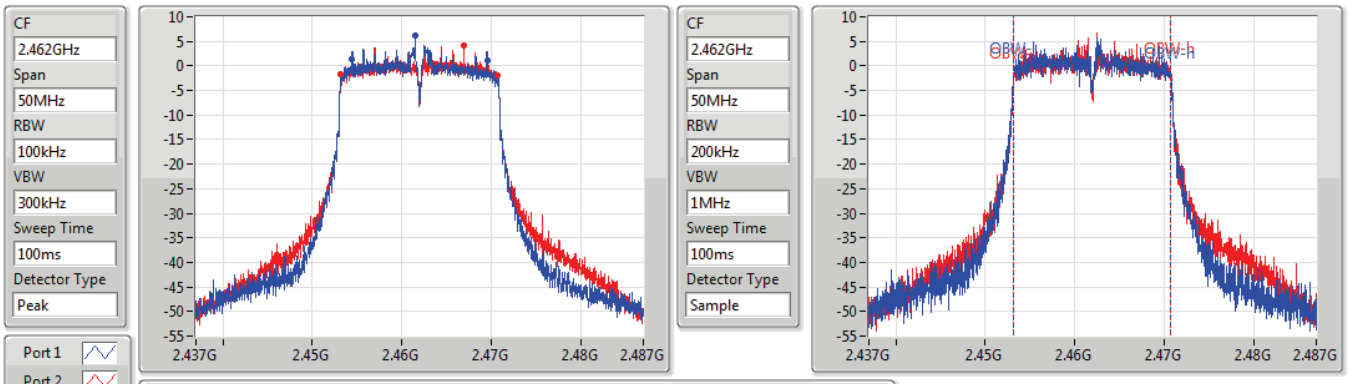


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	17.591M	2.428179G	2.445771G	500k	1
16.925M	2.428675G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

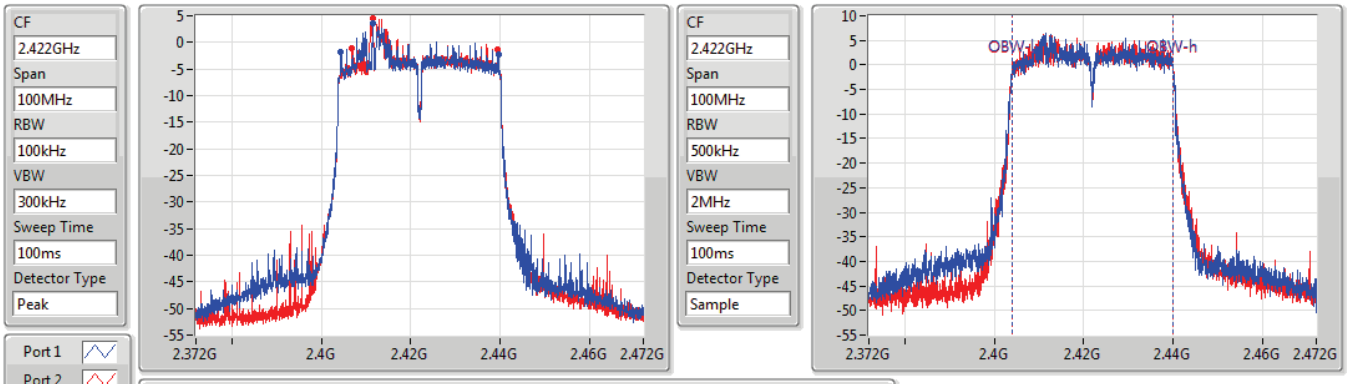


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	17.591M	2.453154G	2.470746G	500k	1
17.5M	2.453225G	2.470725G	17.591M	2.453179G	2.470771G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

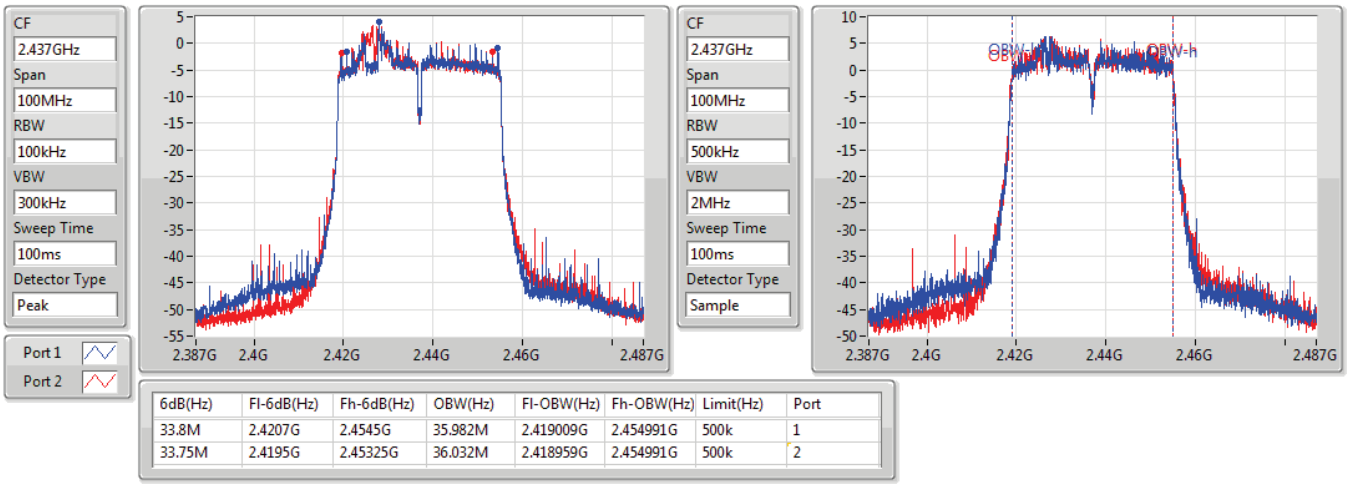


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	36.032M	2.404009G	2.440041G	500k	1
32.55M	2.40695G	2.4395G	36.032M	2.404009G	2.440041G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

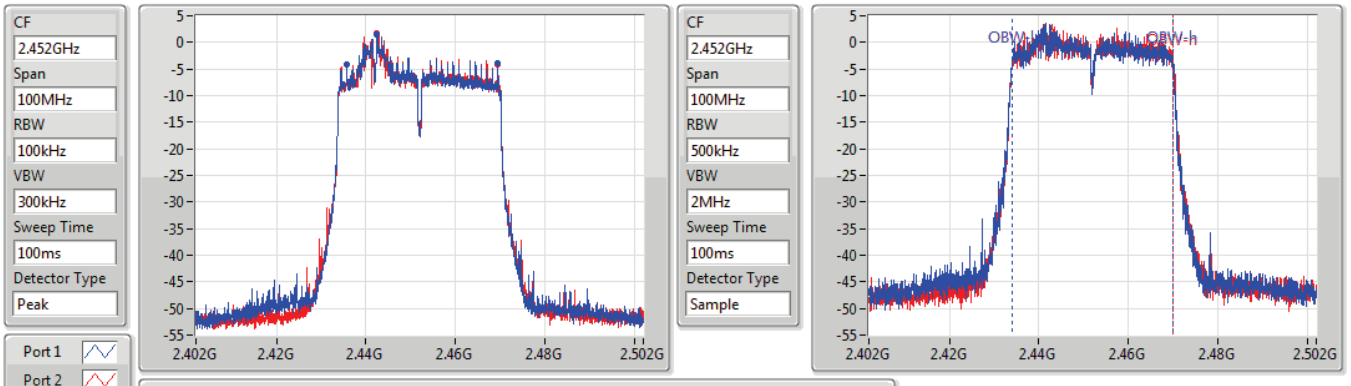


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4207G	2.4545G	35.982M	2.419009G	2.454991G	500k	1
33.75M	2.4195G	2.45325G	36.032M	2.418959G	2.454991G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4357G	2.4695G	36.032M	2.433959G	2.469991G	500k	1
33.7M	2.43575G	2.46945G	36.032M	2.433959G	2.469991G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	17.525M	17.616M	17M6D1D	15.9M	17.566M
VHT40-BF_Nss1,(MCS0)_2TX	35M	36.032M	36M0D1D	26.05M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.5M	17.616M	17M6D1D	15.025M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	35.1M	36.032M	36M0D1D	24.8M	36.032M

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

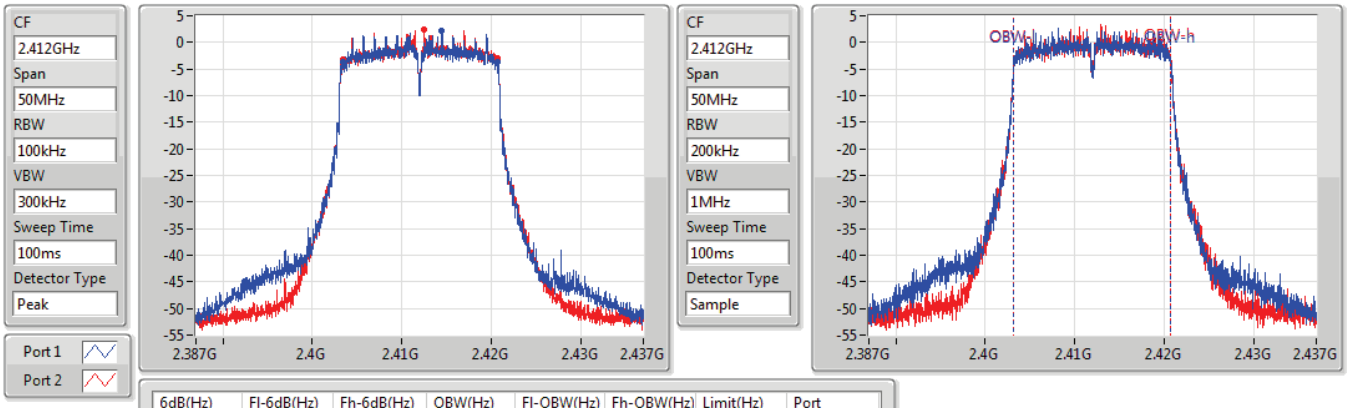
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.375M	17.591M	17.25M	17.566M
2437MHz	Pass	500k	15.9M	17.566M	17.1M	17.591M
2462MHz	Pass	500k	17.375M	17.616M	17.525M	17.591M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31.05M	35.982M	32.5M	36.032M
2437MHz	Pass	500k	35M	36.032M	26.05M	36.032M
2452MHz	Pass	500k	35M	35.982M	33.8M	36.032M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.825M	17.616M	17.25M	17.591M
2437MHz	Pass	500k	15.025M	17.591M	16.925M	17.591M
2462MHz	Pass	500k	15.1M	17.591M	17.5M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	36.032M	32.55M	36.032M
2437MHz	Pass	500k	24.8M	36.032M	32.5M	36.032M
2452MHz	Pass	500k	35M	36.032M	35M	36.032M

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

VHT20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

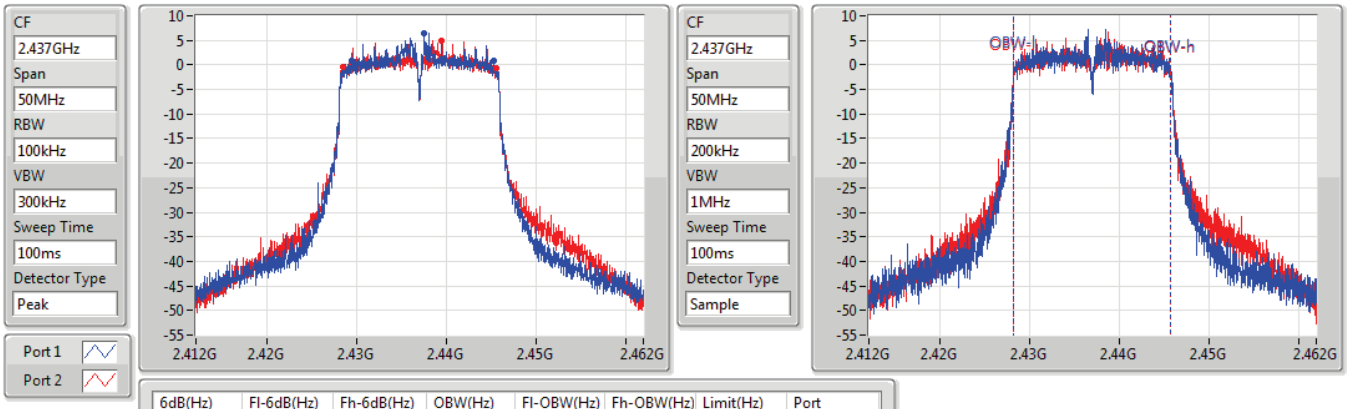


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.403375G	2.42075G	17.591M	2.403179G	2.420771G	500k	1
17.25M	2.4035G	2.42075G	17.566M	2.403204G	2.420771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

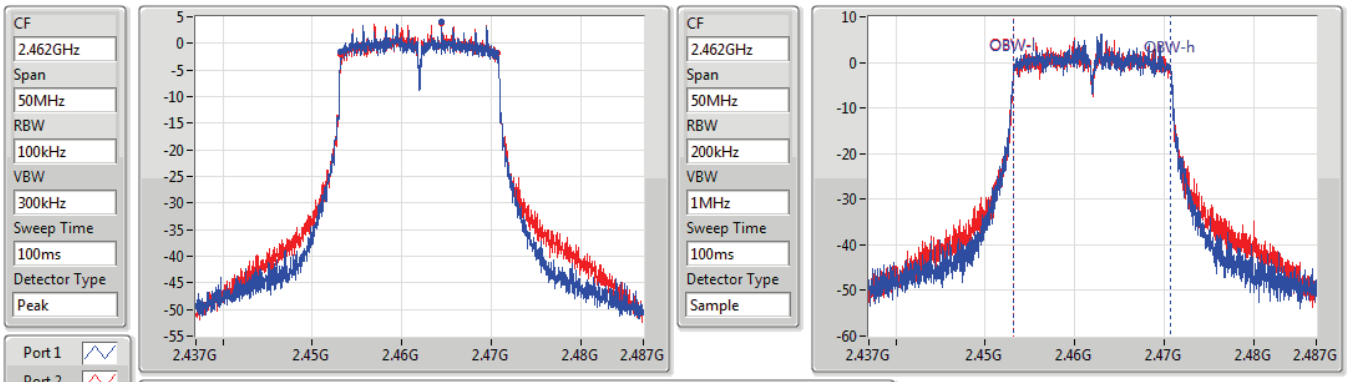


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.429425G	2.445325G	17.566M	2.428204G	2.445771G	500k	1
17.1M	2.4285G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

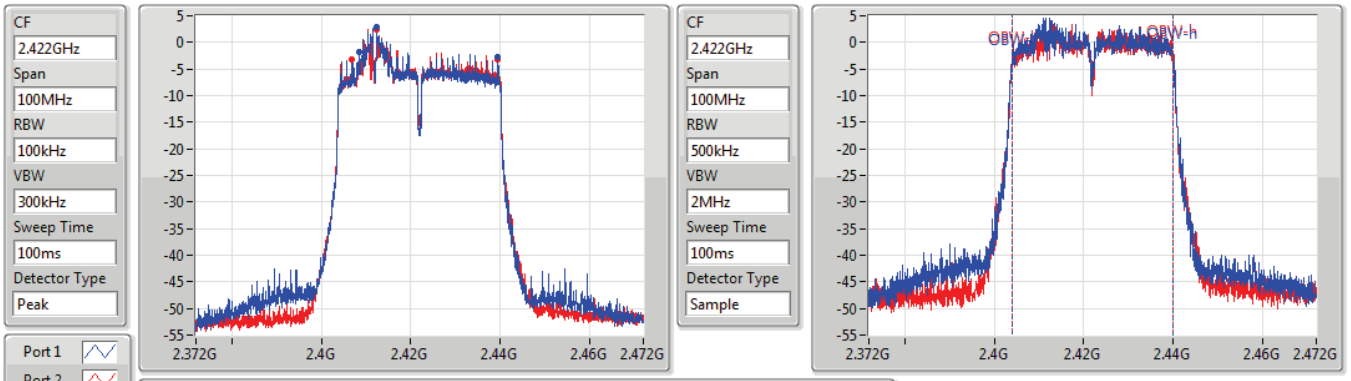


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.453225G	2.4706G	17.616M	2.453154G	2.470771G	500k	1
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

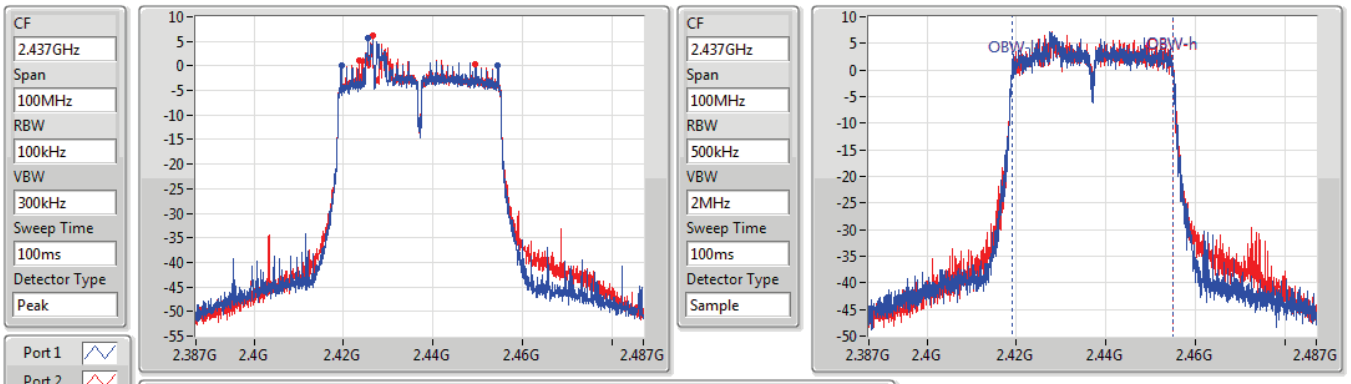


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.05M	2.40845G	2.4395G	35.982M	2.404009G	2.439991G	500k	1
32.5M	2.40695G	2.43945G	36.032M	2.404009G	2.440041G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

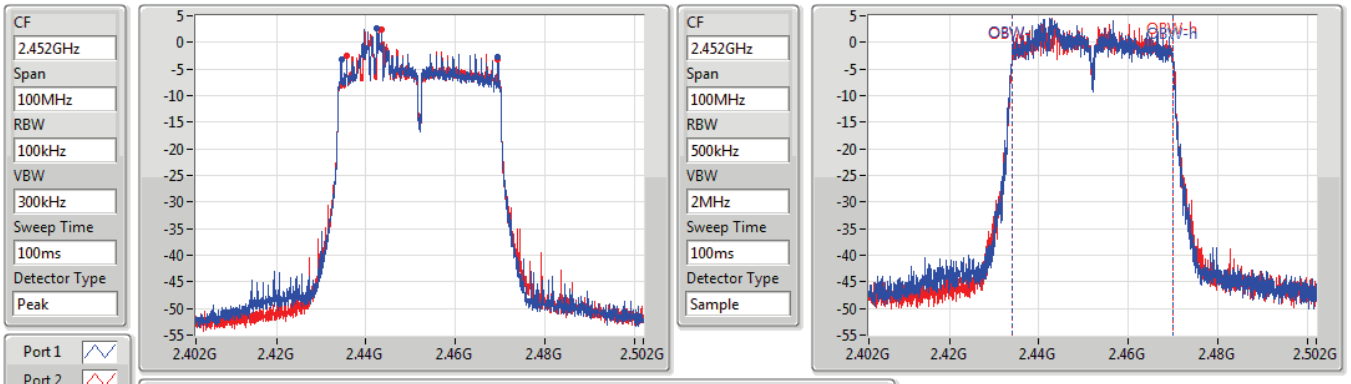


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	36.032M	2.418959G	2.454991G	500k	1
26.05M	2.42345G	2.4495G	36.032M	2.418959G	2.454991G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019

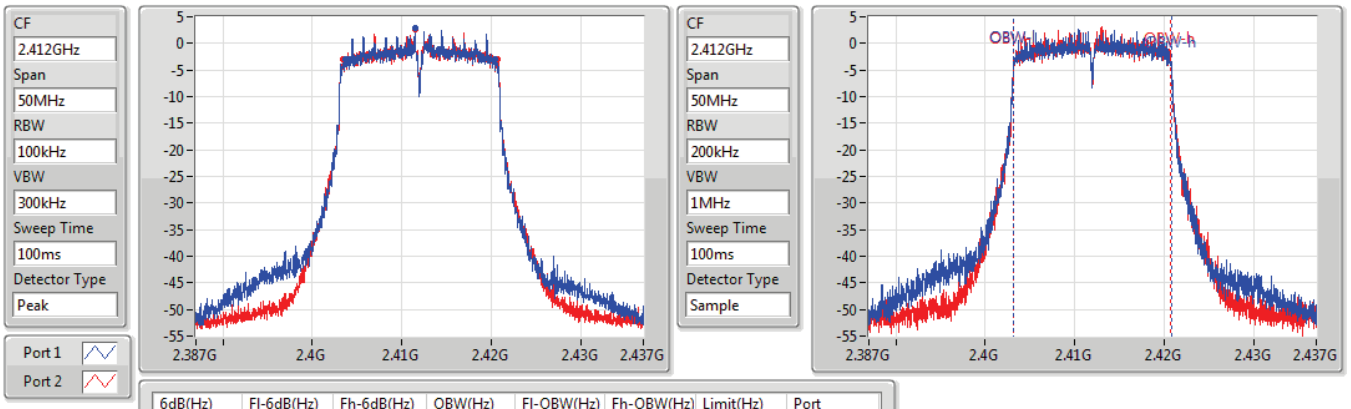


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	35.982M	2.433959G	2.469941G	500k	1
33.8M	2.4357G	2.4695G	36.032M	2.433959G	2.469991G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

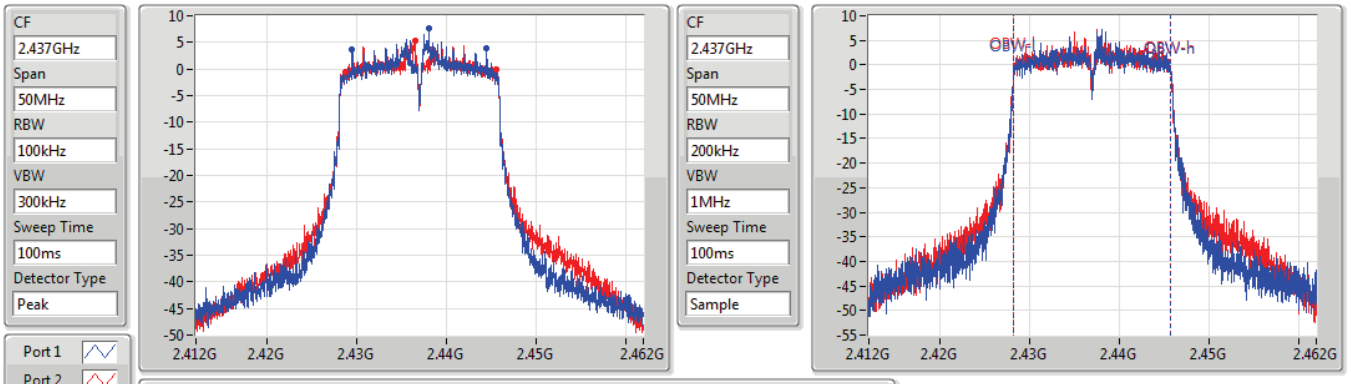


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.825M	2.40365G	2.420475G	17.616M	2.403179G	2.420796G	500k	1
17.25M	2.4035G	2.42075G	17.591M	2.403179G	2.420771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

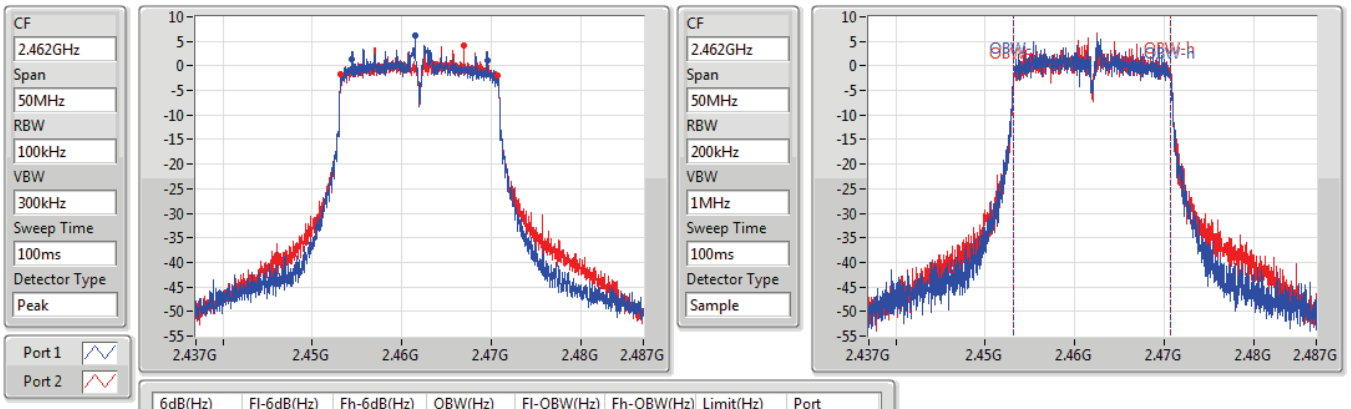


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	17.591M	2.428179G	2.445771G	500k	1
16.925M	2.428675G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

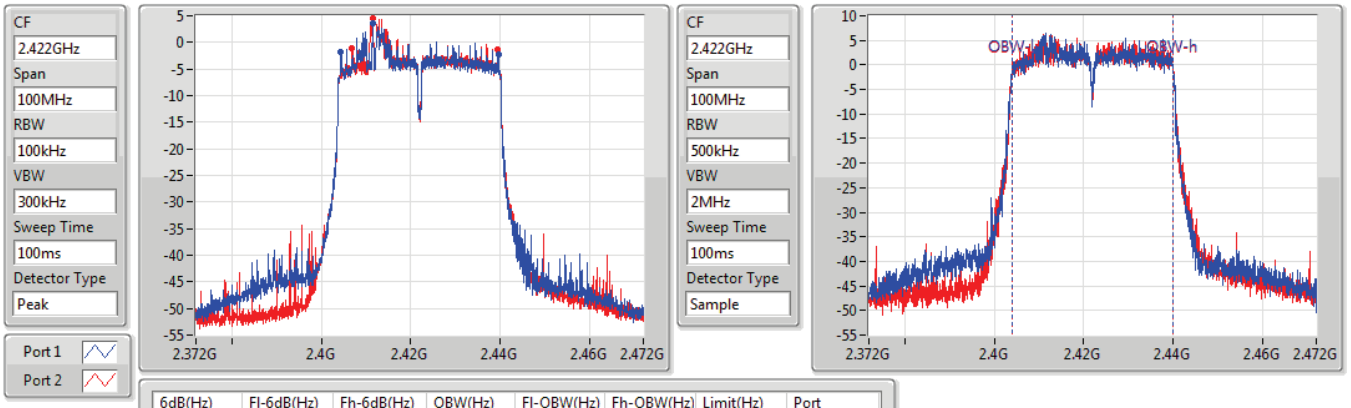


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	17.591M	2.453154G	2.470746G	500k	1
17.5M	2.453225G	2.470725G	17.591M	2.453179G	2.470771G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

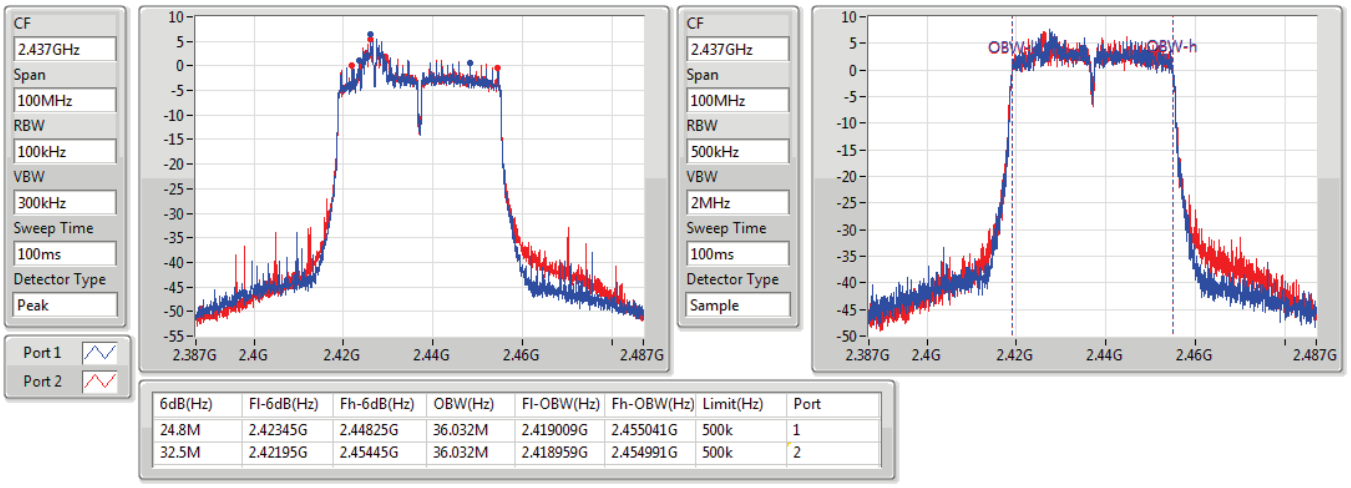


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	36.032M	2.404009G	2.440041G	500k	1
32.55M	2.40695G	2.4395G	36.032M	2.404009G	2.440041G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

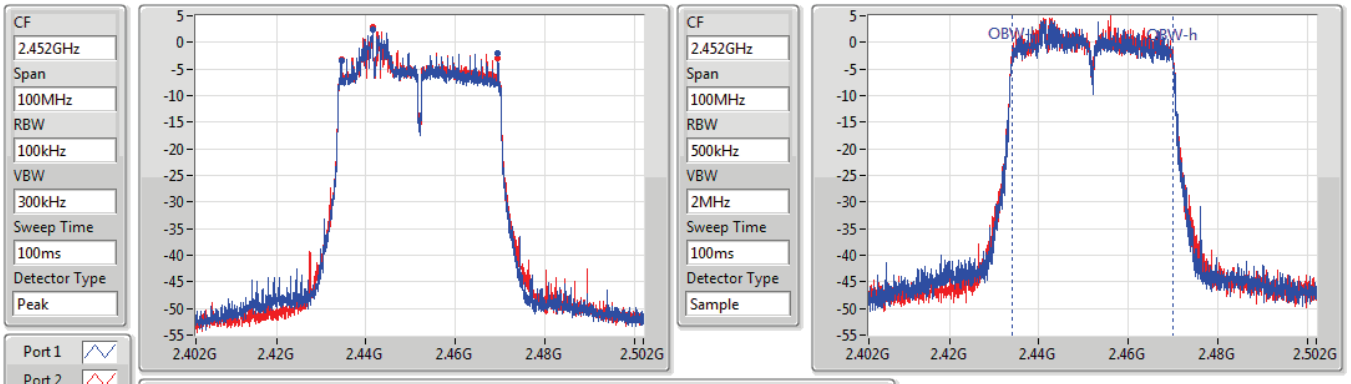


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.8M	2.42345G	2.44825G	36.032M	2.419009G	2.455041G	500k	1
32.5M	2.42195G	2.45445G	36.032M	2.418959G	2.454991G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	36.032M	2.433959G	2.469991G	500k	1
35M	2.4345G	2.4695G	36.032M	2.433959G	2.469991G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	17.525M	17.616M	17M6D1D	15.9M	17.566M
VHT40-BF_Nss1,(MCS0)_2TX	35M	36.032M	36M0D1D	26.05M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.5M	17.616M	17M6D1D	15.025M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	35.1M	36.032M	36M0D1D	24.8M	36.032M

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

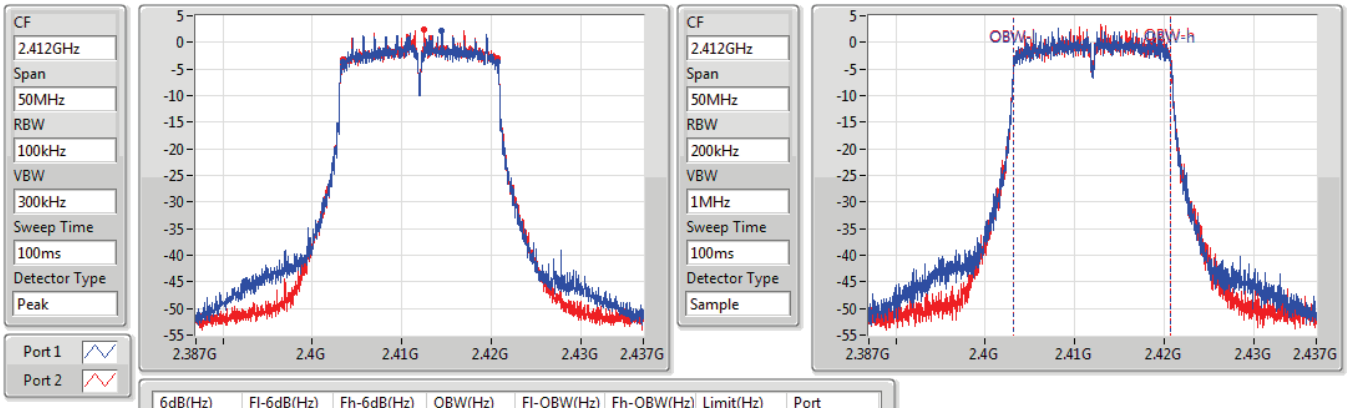
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.375M	17.591M	17.25M	17.566M
2437MHz	Pass	500k	15.9M	17.566M	17.1M	17.591M
2462MHz	Pass	500k	17.375M	17.616M	17.525M	17.591M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	31.05M	35.982M	32.5M	36.032M
2437MHz	Pass	500k	35M	36.032M	26.05M	36.032M
2452MHz	Pass	500k	35M	35.982M	32.55M	35.982M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.825M	17.616M	17.25M	17.591M
2437MHz	Pass	500k	15.025M	17.591M	16.925M	17.591M
2462MHz	Pass	500k	15.1M	17.591M	17.5M	17.591M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	35.1M	36.032M	32.55M	36.032M
2437MHz	Pass	500k	24.8M	36.032M	32.5M	36.032M
2452MHz	Pass	500k	35.05M	36.032M	33.75M	36.032M

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

VHT20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

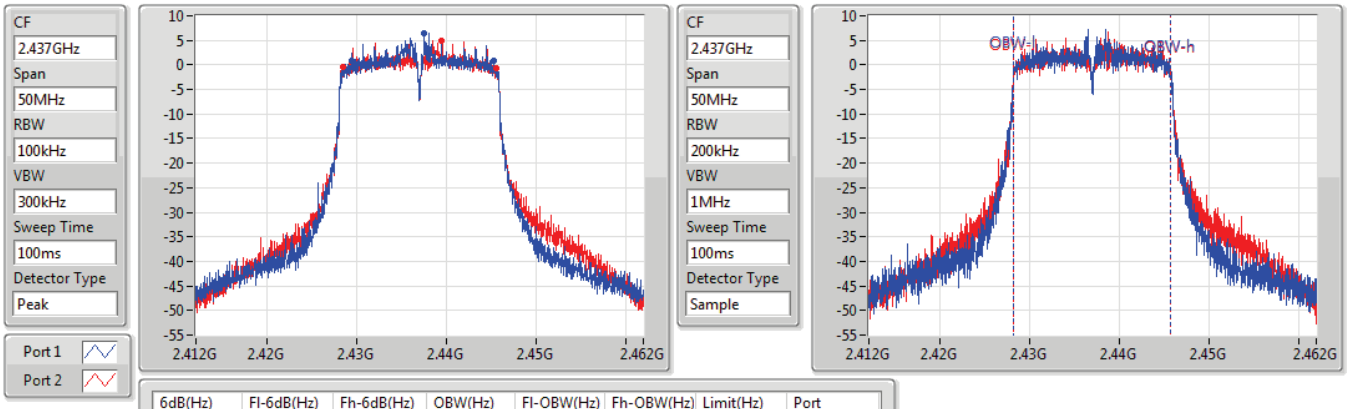


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.403375G	2.42075G	17.591M	2.403179G	2.420771G	500k	1
17.25M	2.4035G	2.42075G	17.566M	2.403204G	2.420771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

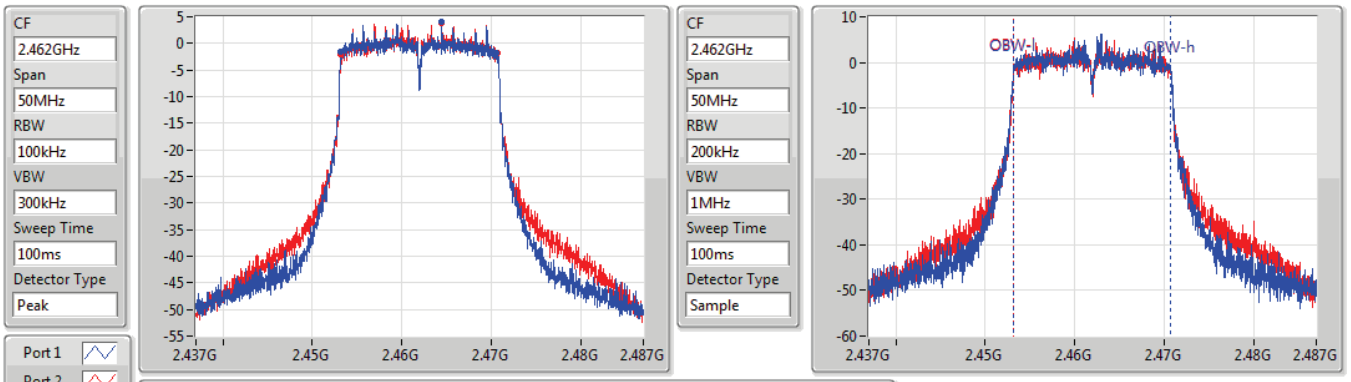


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.429425G	2.445325G	17.566M	2.428204G	2.445771G	500k	1
17.1M	2.4285G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

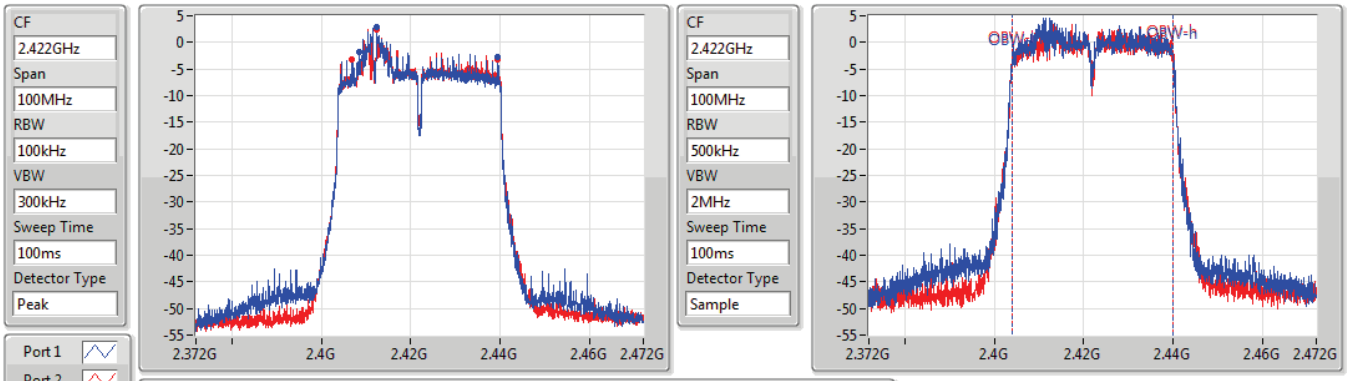


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.375M	2.453225G	2.4706G	17.616M	2.453154G	2.470771G	500k	1
17.525M	2.453225G	2.47075G	17.591M	2.453179G	2.470771G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

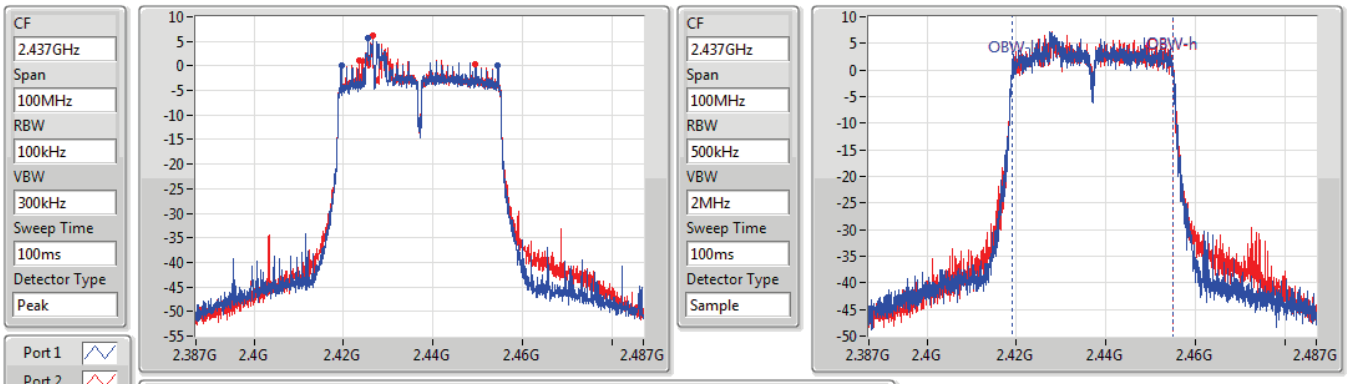


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.05M	2.40845G	2.4395G	35.982M	2.404009G	2.439991G	500k	1
32.5M	2.40695G	2.43945G	36.032M	2.404009G	2.440041G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

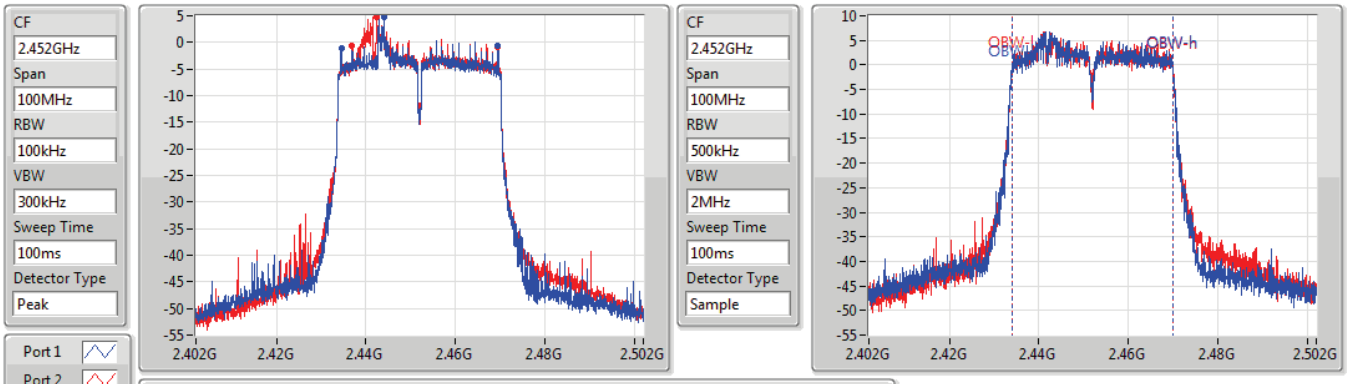


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4195G	2.4545G	36.032M	2.418959G	2.454991G	500k	1
26.05M	2.42345G	2.4495G	36.032M	2.418959G	2.454991G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019

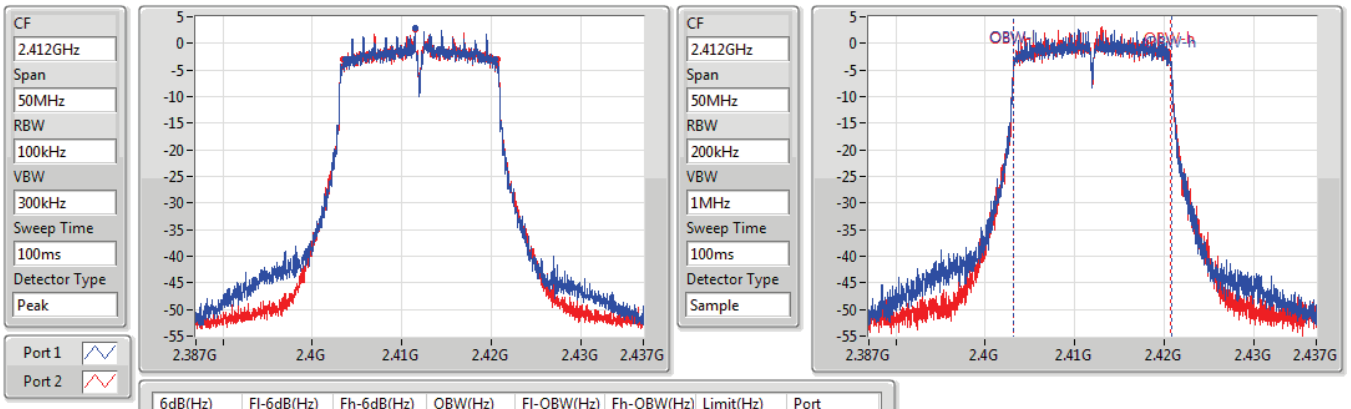


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	35.982M	2.433959G	2.469941G	500k	1
32.55M	2.43695G	2.4695G	35.982M	2.433959G	2.469941G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

14/09/2019

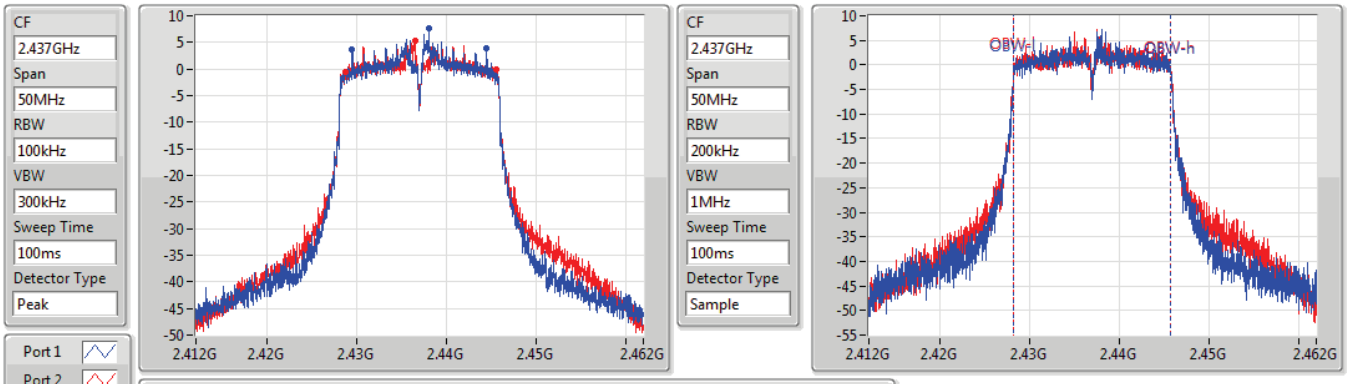


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.825M	2.40365G	2.420475G	17.616M	2.403179G	2.420796G	500k	1
17.25M	2.4035G	2.42075G	17.591M	2.403179G	2.420771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

13/09/2019

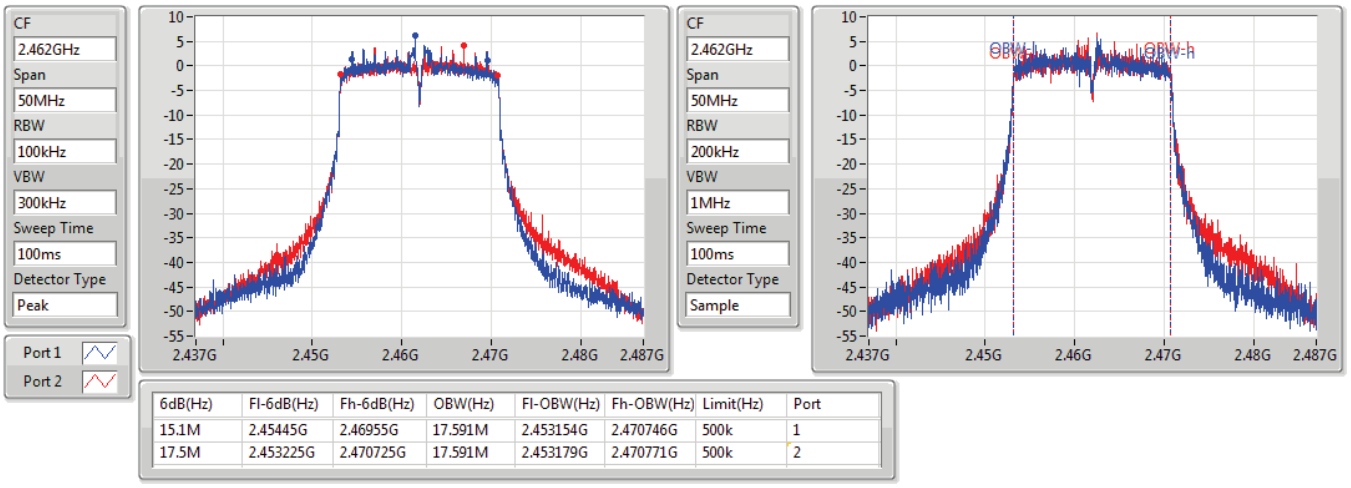


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.429475G	2.4445G	17.591M	2.428179G	2.445771G	500k	1
16.925M	2.428675G	2.4456G	17.591M	2.428179G	2.445771G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

13/09/2019

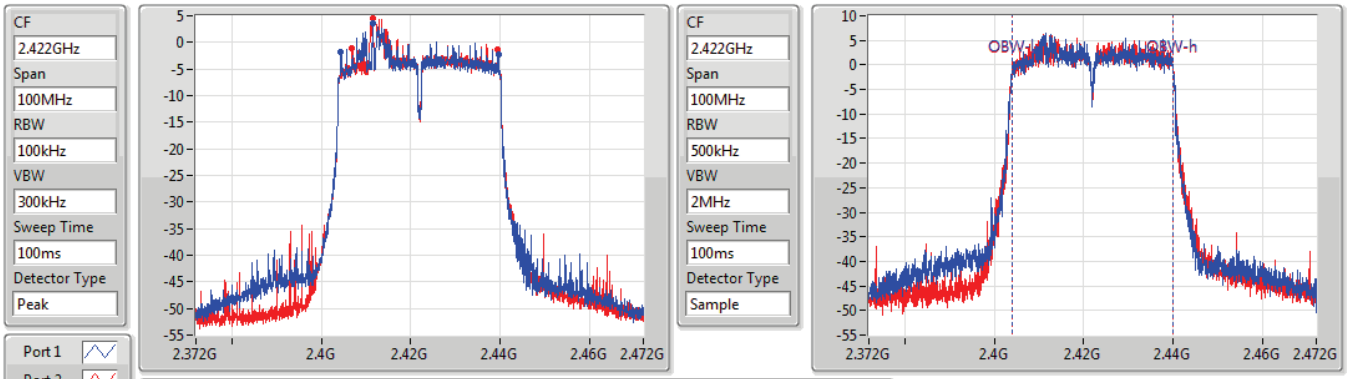


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	2.45445G	2.46955G	17.591M	2.453154G	2.470746G	500k	1
17.5M	2.453225G	2.470725G	17.591M	2.453179G	2.470771G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

14/09/2019

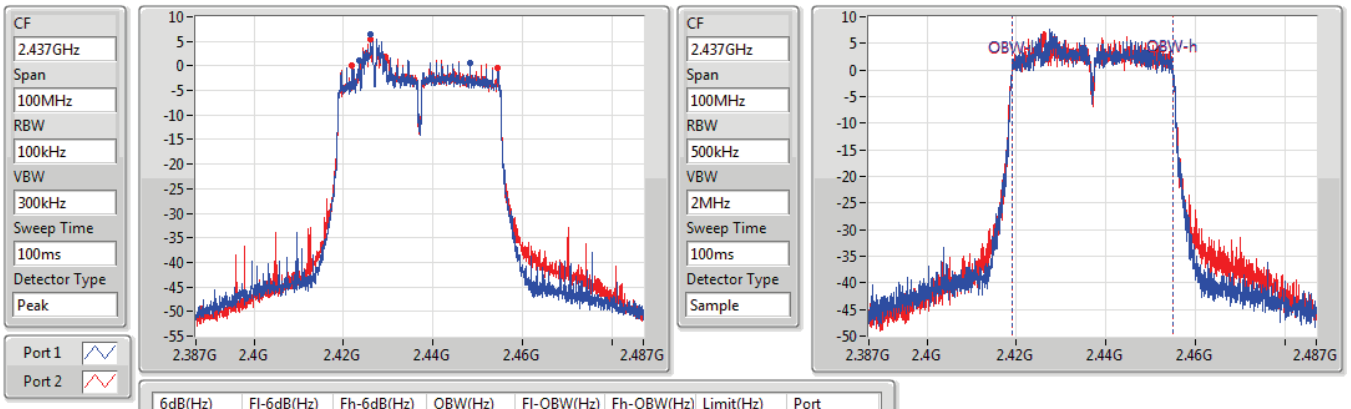


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.40445G	2.43955G	36.032M	2.404009G	2.440041G	500k	1
32.55M	2.40695G	2.4395G	36.032M	2.404009G	2.440041G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

14/09/2019

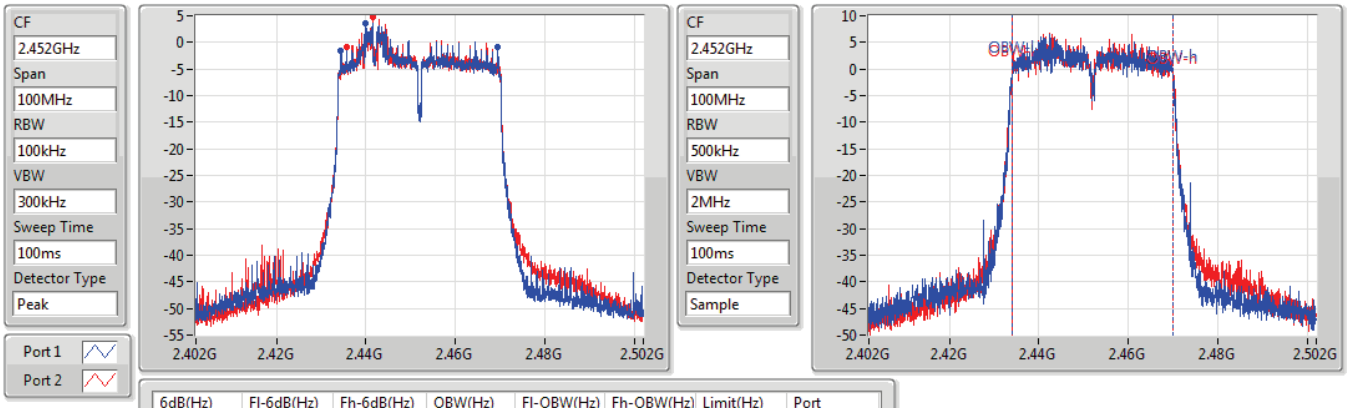


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.8M	2.42345G	2.44825G	36.032M	2.419009G	2.455041G	500k	1
32.5M	2.42195G	2.45445G	36.032M	2.418959G	2.454991G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

14/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	36.032M	2.433959G	2.469991G	500k	1
33.75M	2.43575G	2.4695G	36.032M	2.433959G	2.469991G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	21.92	0.15560
802.11b_Nss1,(1Mbps)_2TX	24.78	0.30061
802.11g_Nss1,(6Mbps)_1TX(Port2)	20.48	0.11169
802.11g_Nss1,(6Mbps)_2TX	22.74	0.18793
VHT20_Nss1,(MCS0)_1TX(Port2)	20.30	0.10715
VHT20_Nss1,(MCS0)_2TX	22.86	0.19320
VHT40_Nss1,(MCS0)_1TX(Port2)	17.22	0.05272
VHT40_Nss1,(MCS0)_2TX	19.62	0.09162
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	20.31	0.10740
802.11ax HEW20_Nss1,(MCS0)_2TX	22.92	0.19588
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	17.38	0.05470
802.11ax HEW40_Nss1,(MCS0)_2TX	19.70	0.09333

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		20.71	20.71	30.00
2417MHz_TnomVnom	Pass	4.00		21.10	21.10	30.00
2437MHz_TnomVnom	Pass	4.00		21.92	21.92	30.00
2457MHz_TnomVnom	Pass	4.00		20.96	20.96	30.00
2462MHz_TnomVnom	Pass	4.00		20.42	20.42	30.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	20.18	20.20	23.20	30.00
2417MHz_TnomVnom	Pass	4.00	20.96	20.98	23.98	30.00
2437MHz_TnomVnom	Pass	4.00	21.71	21.82	24.78	30.00
2457MHz_TnomVnom	Pass	4.00	20.27	20.88	23.60	30.00
2462MHz_TnomVnom	Pass	4.00	19.46	20.35	22.94	30.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		17.91	17.91	30.00
2417MHz_TnomVnom	Pass	4.00		18.67	18.67	30.00
2437MHz_TnomVnom	Pass	4.00		20.48	20.48	30.00
2457MHz_TnomVnom	Pass	4.00		18.16	18.16	30.00
2462MHz_TnomVnom	Pass	4.00		17.95	17.95	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	15.79	16.00	18.91	30.00
2417MHz_TnomVnom	Pass	4.00	16.03	16.33	19.19	30.00
2437MHz_TnomVnom	Pass	4.00	19.49	19.95	22.74	30.00
2457MHz_TnomVnom	Pass	4.00	16.25	16.92	19.61	30.00
2462MHz_TnomVnom	Pass	4.00	15.31	16.15	18.76	30.00
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		17.31	17.31	30.00
2417MHz_TnomVnom	Pass	4.00		18.16	18.16	30.00
2437MHz_TnomVnom	Pass	4.00		20.30	20.30	30.00
2457MHz_TnomVnom	Pass	4.00		17.75	17.75	30.00
2462MHz_TnomVnom	Pass	4.00		17.46	17.46	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	15.59	15.96	18.79	30.00
2417MHz_TnomVnom	Pass	4.00	16.00	16.26	19.14	30.00
2437MHz_TnomVnom	Pass	4.00	19.67	20.02	22.86	30.00
2457MHz_TnomVnom	Pass	4.00	16.15	16.82	19.51	30.00
2462MHz_TnomVnom	Pass	4.00	15.06	16.11	18.63	30.00
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00		16.83	16.83	30.00
2427MHz_TnomVnom	Pass	4.00		17.22	17.22	30.00
2437MHz_TnomVnom	Pass	4.00		17.22	17.22	30.00
2447MHz_TnomVnom	Pass	4.00		17.18	17.18	30.00
2452MHz_TnomVnom	Pass	4.00		16.46	16.46	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	15.67	15.86	18.78	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2427MHz_TnomVnom	Pass	4.00	16.00	16.25	19.14	30.00
2437MHz_TnomVnom	Pass	4.00	16.38	16.82	19.62	30.00
2447MHz_TnomVnom	Pass	4.00	15.77	16.21	19.01	30.00
2452MHz_TnomVnom	Pass	4.00	15.54	16.04	18.81	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		17.51	17.51	30.00
2417MHz_TnomVnom	Pass	4.00		18.27	18.27	30.00
2437MHz_TnomVnom	Pass	4.00		20.31	20.31	30.00
2457MHz_TnomVnom	Pass	4.00		17.90	17.90	30.00
2462MHz_TnomVnom	Pass	4.00		17.59	17.59	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00	15.77	16.13	18.96	30.00
2417MHz_TnomVnom	Pass	4.00	16.14	16.42	19.29	30.00
2437MHz_TnomVnom	Pass	4.00	19.69	20.12	22.92	30.00
2457MHz_TnomVnom	Pass	4.00	16.35	17.12	19.76	30.00
2462MHz_TnomVnom	Pass	4.00	15.40	16.23	18.85	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00		16.94	16.94	30.00
2427MHz_TnomVnom	Pass	4.00		17.28	17.28	30.00
2437MHz_TnomVnom	Pass	4.00		17.38	17.38	30.00
2447MHz_TnomVnom	Pass	4.00		17.25	17.25	30.00
2452MHz_TnomVnom	Pass	4.00		16.64	16.64	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00	15.76	15.97	18.88	30.00
2427MHz_TnomVnom	Pass	4.00	16.06	16.39	19.24	30.00
2437MHz_TnomVnom	Pass	4.00	16.41	16.96	19.70	30.00
2447MHz_TnomVnom	Pass	4.00	15.73	16.29	19.03	30.00
2452MHz_TnomVnom	Pass	4.00	15.62	16.09	18.87	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)_1TX(Port2)	21.01	0.12618
802.11b_Nss1,(1Mbps)_2TX	23.55	0.22646
802.11g_Nss1,(6Mbps)_1TX(Port2)	18.95	0.07852
802.11g_Nss1,(6Mbps)_2TX	20.82	0.12078
VHT20_Nss1,(MCS0)_1TX(Port2)	17.97	0.06266
VHT20_Nss1,(MCS0)_2TX	20.79	0.11995
VHT40_Nss1,(MCS0)_1TX(Port2)	16.39	0.04355
VHT40_Nss1,(MCS0)_2TX	18.85	0.07674
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.19	0.06592
802.11ax HEW20_Nss1,(MCS0)_2TX	21.01	0.12618
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	16.51	0.04477
802.11ax HEW40_Nss1,(MCS0)_2TX	18.93	0.07816

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		19.83	19.83	25.00
2417MHz	Pass	11.00		19.86	19.86	25.00
2437MHz	Pass	11.00		21.01	21.01	25.00
2457MHz	Pass	11.00		20.40	20.40	25.00
2462MHz	Pass	11.00		20.10	20.10	25.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.00	20.23	20.11	23.18	25.00
2417MHz	Pass	11.00	20.63	20.44	23.55	25.00
2437MHz	Pass	11.00	20.25	19.61	22.95	25.00
2457MHz	Pass	11.00	20.00	19.28	22.67	25.00
2462MHz	Pass	11.00	20.06	19.27	22.69	25.00
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		15.47	15.47	25.00
2417MHz	Pass	11.00		16.36	16.36	25.00
2437MHz	Pass	11.00		18.95	18.95	25.00
2457MHz	Pass	11.00		16.54	16.54	25.00
2462MHz	Pass	11.00		15.72	15.72	25.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.00	15.35	15.43	18.40	25.00
2417MHz	Pass	11.00	16.16	16.38	19.28	25.00
2437MHz	Pass	11.00	17.68	17.93	20.82	25.00
2457MHz	Pass	11.00	15.51	16.02	18.78	25.00
2462MHz	Pass	11.00	15.03	15.67	18.37	25.00
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		15.80	15.80	25.00
2417MHz	Pass	11.00		16.25	16.25	25.00
2437MHz	Pass	11.00		17.97	17.97	25.00
2457MHz	Pass	11.00		16.32	16.32	25.00
2462MHz	Pass	11.00		15.47	15.47	25.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.00	14.12	14.39	17.27	25.00
2417MHz	Pass	11.00	15.50	15.80	18.66	25.00
2437MHz	Pass	11.00	17.53	18.01	20.79	25.00
2457MHz	Pass	11.00	14.88	15.45	18.18	25.00
2462MHz	Pass	11.00	14.49	15.17	17.85	25.00
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	11.00		15.39	15.39	25.00
2427MHz	Pass	11.00		15.93	15.93	25.00
2437MHz	Pass	11.00		16.39	16.39	25.00
2447MHz	Pass	11.00		15.48	15.48	25.00
2452MHz	Pass	11.00		15.27	15.27	25.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.00	15.29	15.44	18.38	25.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2427MHz	Pass	11.00	15.25	15.41	18.34	25.00
2437MHz	Pass	11.00	15.69	15.99	18.85	25.00
2447MHz	Pass	11.00	14.79	14.91	17.86	25.00
2452MHz	Pass	11.00	14.34	14.72	17.54	25.00
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		15.99	15.99	25.00
2417MHz	Pass	11.00		16.46	16.46	25.00
2437MHz	Pass	11.00		18.19	18.19	25.00
2457MHz	Pass	11.00		16.54	16.54	25.00
2462MHz	Pass	11.00		15.73	15.73	25.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.00	14.40	14.66	17.54	25.00
2417MHz	Pass	11.00	15.73	15.95	18.85	25.00
2437MHz	Pass	11.00	17.77	18.22	21.01	25.00
2457MHz	Pass	11.00	15.02	15.68	18.37	25.00
2462MHz	Pass	11.00	14.62	15.37	18.02	25.00
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	11.00		15.52	15.52	25.00
2427MHz	Pass	11.00		15.98	15.98	25.00
2437MHz	Pass	11.00		16.51	16.51	25.00
2447MHz	Pass	11.00		15.54	15.54	25.00
2452MHz	Pass	11.00		15.30	15.30	25.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.00	15.38	15.54	18.47	25.00
2427MHz	Pass	11.00	15.29	15.35	18.33	25.00
2437MHz	Pass	11.00	15.80	16.04	18.93	25.00
2447MHz	Pass	11.00	14.90	14.97	17.95	25.00
2452MHz	Pass	11.00	14.47	14.77	17.63	25.00

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)_1TX(Port2)	21.58	0.14388
802.11b_Nss1,(1Mbps)_2TX	24.45	0.27861
802.11g_Nss1,(6Mbps)_1TX(Port2)	19.62	0.09162
802.11g_Nss1,(6Mbps)_2TX	22.81	0.19099
VHT20_Nss1,(MCS0)_1TX(Port2)	19.51	0.08933
VHT20_Nss1,(MCS0)_2TX	21.21	0.13213
VHT40_Nss1,(MCS0)_1TX(Port2)	17.20	0.05248
VHT40_Nss1,(MCS0)_2TX	19.63	0.09183
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	19.76	0.09462
802.11ax HEW20_Nss1,(MCS0)_2TX	21.39	0.13772
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	17.30	0.05370
802.11ax HEW40_Nss1,(MCS0)_2TX	19.71	0.09354

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10		20.77	20.77	27.90
2417MHz_TnomVnom	Pass	8.10		21.41	21.41	27.90
2437MHz_TnomVnom	Pass	8.10		21.58	21.58	27.90
2457MHz_TnomVnom	Pass	8.10		19.87	19.87	27.90
2462MHz_TnomVnom	Pass	8.10		19.28	19.28	27.90
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10	19.60	20.27	22.96	27.90
2417MHz_TnomVnom	Pass	8.10	20.56	20.56	23.57	27.90
2437MHz_TnomVnom	Pass	8.10	21.36	21.51	24.45	27.90
2457MHz_TnomVnom	Pass	8.10	18.73	19.49	22.14	27.90
2462MHz_TnomVnom	Pass	8.10	18.31	19.13	21.75	27.90
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10		15.96	15.96	27.90
2417MHz_TnomVnom	Pass	8.10		16.85	16.85	27.90
2437MHz_TnomVnom	Pass	8.10		19.62	19.62	27.90
2457MHz_TnomVnom	Pass	8.10		16.43	16.43	27.90
2462MHz_TnomVnom	Pass	8.10		16.19	16.19	27.90
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10	15.65	15.97	18.82	27.90
2417MHz_TnomVnom	Pass	8.10	16.06	16.44	19.26	27.90
2437MHz_TnomVnom	Pass	8.10	19.62	19.97	22.81	27.90
2457MHz_TnomVnom	Pass	8.10	15.25	15.99	18.65	27.90
2462MHz_TnomVnom	Pass	8.10	14.76	15.65	18.24	27.90
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10		16.81	16.81	27.90
2417MHz_TnomVnom	Pass	8.10		17.64	17.64	27.90
2437MHz_TnomVnom	Pass	8.10		19.51	19.51	27.90
2457MHz_TnomVnom	Pass	8.10		16.42	16.42	27.90
2462MHz_TnomVnom	Pass	8.10		15.14	15.14	27.90
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10	16.02	16.40	19.22	27.90
2417MHz_TnomVnom	Pass	8.10	16.51	16.82	19.68	27.90
2437MHz_TnomVnom	Pass	8.10	17.97	18.42	21.21	27.90
2457MHz_TnomVnom	Pass	8.10	15.21	15.96	18.61	27.90
2462MHz_TnomVnom	Pass	8.10	13.79	14.63	17.24	27.90
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.10		16.82	16.82	27.90
2427MHz_TnomVnom	Pass	8.10		16.80	16.80	27.90
2437MHz_TnomVnom	Pass	8.10		17.20	17.20	27.90
2447MHz_TnomVnom	Pass	8.10		15.31	15.31	27.90
2452MHz_TnomVnom	Pass	8.10		14.63	14.63	27.90
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.10	15.08	15.35	18.23	27.90

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2427MHz_TnomVnom	Pass	8.10	16.03	16.23	19.14	27.90
2437MHz_TnomVnom	Pass	8.10	16.39	16.83	19.63	27.90
2447MHz_TnomVnom	Pass	8.10	14.38	14.87	17.64	27.90
2452MHz_TnomVnom	Pass	8.10	13.51	14.15	16.85	27.90
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10		17.20	17.20	27.90
2417MHz_TnomVnom	Pass	8.10		18.00	18.00	27.90
2437MHz_TnomVnom	Pass	8.10		19.76	19.76	27.90
2457MHz_TnomVnom	Pass	8.10		16.63	16.63	27.90
2462MHz_TnomVnom	Pass	8.10		15.42	15.42	27.90
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	8.10	16.27	16.62	19.46	27.90
2417MHz_TnomVnom	Pass	8.10	16.62	16.98	19.81	27.90
2437MHz_TnomVnom	Pass	8.10	18.13	18.61	21.39	27.90
2457MHz_TnomVnom	Pass	8.10	15.37	16.12	18.77	27.90
2462MHz_TnomVnom	Pass	8.10	14.03	14.90	17.50	27.90
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.10		16.94	16.94	27.90
2427MHz_TnomVnom	Pass	8.10		16.90	16.90	27.90
2437MHz_TnomVnom	Pass	8.10		17.30	17.30	27.90
2447MHz_TnomVnom	Pass	8.10		15.51	15.51	27.90
2452MHz_TnomVnom	Pass	8.10		14.79	14.79	27.90
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	8.10	15.12	15.43	18.29	27.90
2427MHz_TnomVnom	Pass	8.10	16.04	16.37	19.22	27.90
2437MHz_TnomVnom	Pass	8.10	16.52	16.87	19.71	27.90
2447MHz_TnomVnom	Pass	8.10	14.55	14.98	17.78	27.90
2452MHz_TnomVnom	Pass	8.10	13.70	14.28	17.01	27.90

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)_1TX(Port2)	21.03	0.12677
802.11b_Nss1,(1Mbps)_2TX	23.74	0.23659
802.11g_Nss1,(6Mbps)_1TX(Port2)	18.56	0.07178
802.11g_Nss1,(6Mbps)_2TX	21.36	0.13677
VHT20_Nss1,(MCS0)_1TX(Port2)	18.04	0.06368
VHT20_Nss1,(MCS0)_2TX	21.25	0.13335
VHT40_Nss1,(MCS0)_1TX(Port2)	16.01	0.03990
VHT40_Nss1,(MCS0)_2TX	18.88	0.07727
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	18.26	0.06699
802.11ax HEW20_Nss1,(MCS0)_2TX	21.45	0.13964
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	16.17	0.04140
802.11ax HEW40_Nss1,(MCS0)_2TX	18.93	0.07816

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	9.80		20.27	20.27	26.20
2417MHz	Pass	9.80		20.29	20.29	26.20
2437MHz	Pass	9.80		21.03	21.03	26.20
2457MHz	Pass	9.80		20.03	20.03	26.20
2462MHz	Pass	9.80		19.64	19.64	26.20
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.80	20.22	20.20	23.22	26.20
2417MHz	Pass	9.80	20.35	20.51	23.44	26.20
2437MHz	Pass	9.80	20.48	20.97	23.74	26.20
2457MHz	Pass	9.80	19.37	19.90	22.65	26.20
2462MHz	Pass	9.80	18.85	19.29	22.09	26.20
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	9.80		15.47	15.47	26.20
2417MHz	Pass	9.80		16.44	16.44	26.20
2437MHz	Pass	9.80		18.56	18.56	26.20
2457MHz	Pass	9.80		16.03	16.03	26.20
2462MHz	Pass	9.80		15.70	15.70	26.20
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.80	15.26	15.51	18.40	26.20
2417MHz	Pass	9.80	16.16	16.35	19.27	26.20
2437MHz	Pass	9.80	18.08	18.61	21.36	26.20
2457MHz	Pass	9.80	15.51	16.08	18.81	26.20
2462MHz	Pass	9.80	15.06	15.69	18.40	26.20
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	9.80		14.51	14.51	26.20
2417MHz	Pass	9.80		16.79	16.79	26.20
2437MHz	Pass	9.80		18.04	18.04	26.20
2457MHz	Pass	9.80		15.89	15.89	26.20
2462MHz	Pass	9.80		15.18	15.18	26.20
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.80	15.71	11.86	17.21	26.20
2417MHz	Pass	9.80	16.55	16.77	19.67	26.20
2437MHz	Pass	9.80	18.03	18.44	21.25	26.20
2457MHz	Pass	9.80	15.40	15.97	18.70	26.20
2462MHz	Pass	9.80	14.53	15.21	17.89	26.20
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	9.80		15.42	15.42	26.20
2427MHz	Pass	9.80		15.88	15.88	26.20
2437MHz	Pass	9.80		16.01	16.01	26.20
2447MHz	Pass	9.80		15.38	15.38	26.20
2452MHz	Pass	9.80		14.69	14.69	26.20
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.80	15.16	15.40	18.29	26.20

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
2427MHz	Pass	9.80	15.80	15.87	18.85	26.20
2437MHz	Pass	9.80	15.76	15.97	18.88	26.20
2447MHz	Pass	9.80	15.05	15.37	18.22	26.20
2452MHz	Pass	9.80	14.35	14.72	17.55	26.20
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	9.80		14.44	14.44	26.20
2417MHz	Pass	9.80		16.97	16.97	26.20
2437MHz	Pass	9.80		18.26	18.26	26.20
2457MHz	Pass	9.80		16.09	16.09	26.20
2462MHz	Pass	9.80		15.43	15.43	26.20
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	9.80	15.85	16.10	18.99	26.20
2417MHz	Pass	9.80	16.66	16.92	19.80	26.20
2437MHz	Pass	9.80	18.16	18.70	21.45	26.20
2457MHz	Pass	9.80	15.48	16.12	18.82	26.20
2462MHz	Pass	9.80	14.64	15.35	18.02	26.20
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	9.80		15.55	15.55	26.20
2427MHz	Pass	9.80		16.06	16.06	26.20
2437MHz	Pass	9.80		16.17	16.17	26.20
2447MHz	Pass	9.80		16.01	16.01	26.20
2452MHz	Pass	9.80		14.92	14.92	26.20
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	9.80	15.32	15.53	18.44	26.20
2427MHz	Pass	9.80	15.89	15.94	18.93	26.20
2437MHz	Pass	9.80	15.86	15.97	18.93	26.20
2447MHz	Pass	9.80	15.27	15.49	18.39	26.20
2452MHz	Pass	9.80	14.49	14.89	17.70	26.20

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)_1TX	13.68	0.02333
802.11g_Nss1,(6Mbps)_1TX	21.47	0.14028
VHT20_Nss1,(MCS0)_1TX	19.85	0.09661
VHT40_Nss1,(MCS0)_1TX	17.21	0.05260

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.60	12.56	12.56	30.00
2417MHz	Pass	4.60	13.64	13.64	30.00
2437MHz	Pass	4.60	13.68	13.68	30.00
2457MHz	Pass	4.60	13.47	13.47	30.00
2462MHz	Pass	4.60	12.93	12.93	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	4.60	16.24	16.24	30.00
2417MHz	Pass	4.60	19.99	19.99	30.00
2437MHz	Pass	4.60	21.47	21.47	30.00
2457MHz	Pass	4.60	19.77	19.77	30.00
2462MHz	Pass	4.60	16.35	16.35	30.00
VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	4.60	15.10	15.10	30.00
2417MHz	Pass	4.60	19.85	19.85	30.00
2437MHz	Pass	4.60	18.55	18.55	30.00
2457MHz	Pass	4.60	19.64	19.64	30.00
2462MHz	Pass	4.60	15.80	15.80	30.00
VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	4.60	13.14	13.14	30.00
2427MHz	Pass	4.60	15.16	15.16	30.00
2437MHz	Pass	4.60	17.21	17.21	30.00
2447MHz	Pass	4.60	14.65	14.65	30.00
2452MHz	Pass	4.60	11.57	11.57	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	19.44	0.08790
VHT40-BF_Nss1,(MCS0)_2TX	18.78	0.07551
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.46	0.08831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.85	0.07674

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	14.95	15.29	18.13	28.99
2417MHz	Pass	7.01	16.18	16.22	19.21	28.99
2437MHz	Pass	7.01	16.19	16.33	19.27	28.99
2457MHz	Pass	7.01	16.36	16.50	19.44	28.99
2462MHz	Pass	7.01	15.39	15.54	18.48	28.99
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	14.92	15.65	18.31	28.99
2427MHz	Pass	7.01	15.31	15.43	18.38	28.99
2437MHz	Pass	7.01	15.81	15.72	18.78	28.99
2447MHz	Pass	7.01	13.55	13.40	16.49	28.99
2452MHz	Pass	7.01	13.25	13.35	16.31	28.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	15.35	15.33	18.35	28.99
2417MHz	Pass	7.01	16.17	16.30	19.25	28.99
2437MHz	Pass	7.01	16.38	16.18	19.29	28.99
2457MHz	Pass	7.01	16.41	16.49	19.46	28.99
2462MHz	Pass	7.01	15.41	15.54	18.49	28.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	15.46	15.64	18.56	28.99
2427MHz	Pass	7.01	15.26	15.54	18.41	28.99
2437MHz	Pass	7.01	16.51	15.04	18.85	28.99
2447MHz	Pass	7.01	13.47	13.71	16.60	28.99
2452MHz	Pass	7.01	13.72	13.14	16.45	28.99

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	19.44	0.08790
VHT40-BF_Nss1,(MCS0)_2TX	17.46	0.05572
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.46	0.08831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	17.53	0.05662

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	13.43	13.38	16.42	21.99
2417MHz	Pass	14.01	15.10	15.32	18.22	21.99
2437MHz	Pass	14.01	16.19	16.33	19.27	21.99
2457MHz	Pass	14.01	16.36	16.50	19.44	21.99
2462MHz	Pass	14.01	15.39	15.54	18.48	21.99
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.01	12.20	12.56	15.39	21.99
2427MHz	Pass	14.01	13.48	13.43	16.47	21.99
2437MHz	Pass	14.01	14.33	14.57	17.46	21.99
2447MHz	Pass	14.01	13.55	13.40	16.49	21.99
2452MHz	Pass	14.01	11.56	11.77	14.68	21.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	13.36	13.47	16.43	21.99
2417MHz	Pass	14.01	15.15	15.45	18.31	21.99
2437MHz	Pass	14.01	16.38	16.18	19.29	21.99
2457MHz	Pass	14.01	16.41	16.49	19.46	21.99
2462MHz	Pass	14.01	15.41	15.54	18.49	21.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.01	12.46	12.72	15.60	21.99
2427MHz	Pass	14.01	13.84	13.63	16.75	21.99
2437MHz	Pass	14.01	14.55	14.48	17.53	21.99
2447MHz	Pass	14.01	13.47	13.71	16.60	21.99
2452MHz	Pass	14.01	11.84	11.61	14.74	21.99

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	19.44	0.08790
VHT40-BF_Nss1,(MCS0)_2TX	18.37	0.06871
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.46	0.08831
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.45	0.06998

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.11	13.43	13.38	16.42	24.89
2417MHz	Pass	11.11	16.18	16.22	19.21	24.89
2437MHz	Pass	11.11	16.19	16.33	19.27	24.89
2457MHz	Pass	11.11	16.36	16.50	19.44	24.89
2462MHz	Pass	11.11	15.39	15.54	18.48	24.89
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.11	12.20	12.56	15.39	24.89
2427MHz	Pass	11.11	13.48	13.43	16.47	24.89
2437MHz	Pass	11.11	15.18	15.54	18.37	24.89
2447MHz	Pass	11.11	13.55	13.40	16.49	24.89
2452MHz	Pass	11.11	12.48	12.64	15.57	24.89
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	11.11	13.36	13.47	16.43	24.89
2417MHz	Pass	11.11	16.17	16.30	19.25	24.89
2437MHz	Pass	11.11	16.38	16.18	19.29	24.89
2457MHz	Pass	11.11	16.41	16.49	19.46	24.89
2462MHz	Pass	11.11	15.41	15.54	18.49	24.89
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	11.11	12.46	12.72	15.60	24.89
2427MHz	Pass	11.11	13.84	13.63	16.75	24.89
2437MHz	Pass	11.11	15.46	15.41	18.45	24.89
2447MHz	Pass	11.11	13.47	13.71	16.60	24.89
2452MHz	Pass	11.11	12.58	12.63	15.62	24.89

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	19.27	0.08453
VHT40-BF_Nss1,(MCS0)_2TX	18.37	0.06871
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.29	0.08492
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.45	0.06998

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	12.81	13.43	13.38	16.42	23.19
2417MHz	Pass	12.81	15.09	15.31	18.21	23.19
2437MHz	Pass	12.81	16.19	16.33	19.27	23.19
2457MHz	Pass	12.81	15.25	15.42	18.35	23.19
2462MHz	Pass	12.81	15.39	15.54	18.48	23.19
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	12.81	12.20	12.56	15.39	23.19
2427MHz	Pass	12.81	13.48	13.43	16.47	23.19
2437MHz	Pass	12.81	15.18	15.54	18.37	23.19
2447MHz	Pass	12.81	14.45	14.49	17.48	23.19
2452MHz	Pass	12.81	14.55	14.56	17.57	23.19
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	12.81	13.36	13.47	16.43	23.19
2417MHz	Pass	12.81	15.09	15.38	18.25	23.19
2437MHz	Pass	12.81	16.38	16.18	19.29	23.19
2457MHz	Pass	12.81	15.24	15.46	18.36	23.19
2462MHz	Pass	12.81	15.41	15.54	18.49	23.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	12.81	12.46	12.72	15.60	23.19
2427MHz	Pass	12.81	13.84	13.63	16.75	23.19
2437MHz	Pass	12.81	15.46	15.41	18.45	23.19
2447MHz	Pass	12.81	14.41	14.67	17.55	23.19
2452MHz	Pass	12.81	14.47	14.72	17.61	23.19

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-1.45
802.11b_Nss1,(1Mbps)_2TX	-0.67
802.11g_Nss1,(6Mbps)_1TX(Port2)	-6.53
802.11g_Nss1,(6Mbps)_2TX	-5.76
VHT20_Nss1,(MCS0)_1TX(Port2)	-6.27
VHT20_Nss1,(MCS0)_2TX	-4.09
VHT40_Nss1,(MCS0)_1TX(Port2)	-11.39
VHT40_Nss1,(MCS0)_2TX	-10.43
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-7.16
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.75
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-10.79
802.11ax HEW40_Nss1,(MCS0)_2TX	-11.61

RBW=3 kHz.

Result

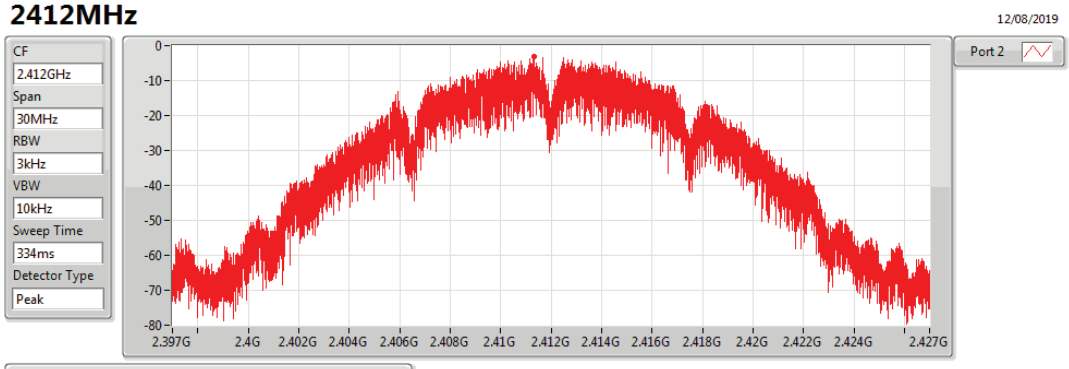
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		-3.12	-3.12	8.00
2437MHz_TnomVnom	Pass	4.00		-1.45	-1.45	8.00
2462MHz_TnomVnom	Pass	4.00		-2.41	-2.41	8.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.01	-3.34	-3.99	-1.36	6.99
2437MHz_TnomVnom	Pass	7.01	-2.65	-2.17	-0.67	6.99
2462MHz_TnomVnom	Pass	7.01	-4.45	-3.42	-1.68	6.99
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		-10.71	-10.71	8.00
2437MHz_TnomVnom	Pass	4.00		-6.53	-6.53	8.00
2462MHz_TnomVnom	Pass	4.00		-10.26	-10.26	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.01	-12.78	-12.34	-10.28	6.99
2437MHz_TnomVnom	Pass	7.01	-8.97	-7.36	-5.76	6.99
2462MHz_TnomVnom	Pass	7.01	-13.07	-11.94	-10.66	6.99
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		-7.97	-7.97	8.00
2437MHz_TnomVnom	Pass	4.00		-6.27	-6.27	8.00
2462MHz_TnomVnom	Pass	4.00		-9.17	-9.17	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.01	-11.03	-11.11	-9.23	6.99
2437MHz_TnomVnom	Pass	7.01	-6.30	-6.80	-4.09	6.99
2462MHz_TnomVnom	Pass	7.01	-9.82	-9.55	-9.01	6.99
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00		-12.20	-12.20	8.00
2437MHz_TnomVnom	Pass	4.00		-11.39	-11.39	8.00
2452MHz_TnomVnom	Pass	4.00		-12.73	-12.73	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.01	-12.12	-12.89	-11.56	6.99
2437MHz_TnomVnom	Pass	7.01	-11.79	-11.24	-10.43	6.99
2452MHz_TnomVnom	Pass	7.01	-12.57	-11.68	-10.78	6.99
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.00		-9.31	-9.31	8.00
2437MHz_TnomVnom	Pass	4.00		-7.16	-7.16	8.00
2462MHz_TnomVnom	Pass	4.00		-8.77	-8.77	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	7.01	-11.49	-11.52	-10.21	6.99
2437MHz_TnomVnom	Pass	7.01	-6.16	-5.69	-4.75	6.99
2462MHz_TnomVnom	Pass	7.01	-10.81	-9.95	-8.98	6.99
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	4.00		-10.79	-10.79	8.00
2437MHz_TnomVnom	Pass	4.00		-11.29	-11.29	8.00
2452MHz_TnomVnom	Pass	4.00		-12.71	-12.71	8.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	7.01	-13.94	-13.52	-12.61	6.99
2437MHz_TnomVnom	Pass	7.01	-13.21	-12.95	-11.61	6.99
2452MHz_TnomVnom	Pass	7.01	-13.43	-12.78	-12.17	6.99

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)_1TX(Port2) **PSD**

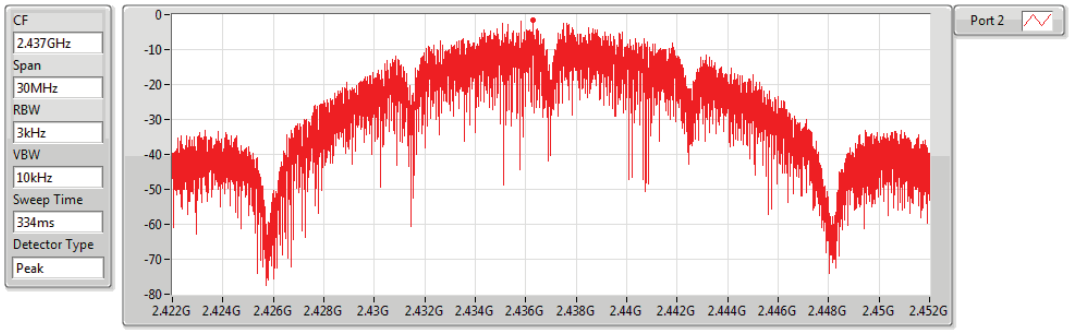
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12		-3.12

802.11b_Nss1,(1Mbps)_1TX(Port2) **PSD**

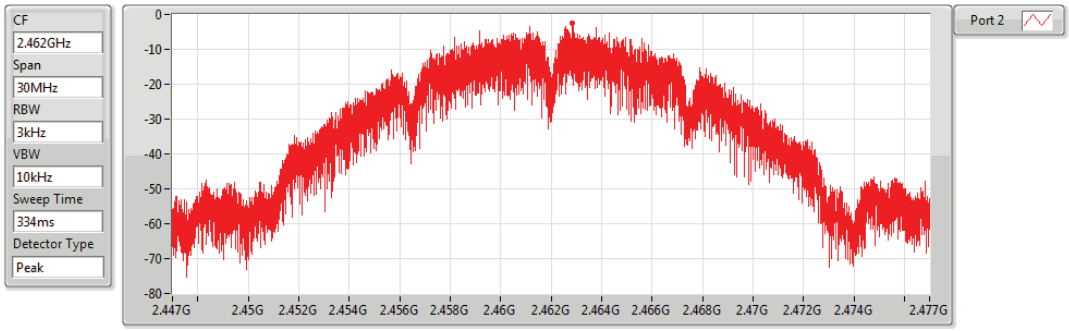
2437MHz



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

802.11b_Nss1,(1Mbps)_1TX(Port2) **PSD**

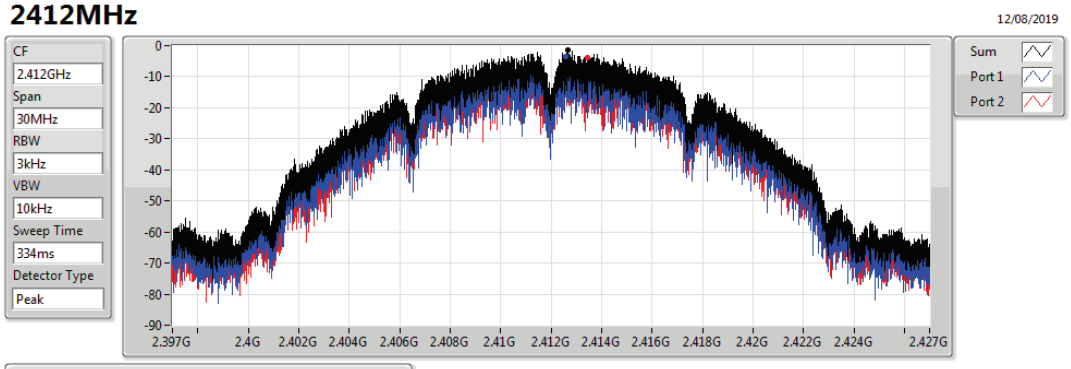
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.41	-2.41		-2.41

802.11b_Nss1,(1Mbps)_2TX PSD

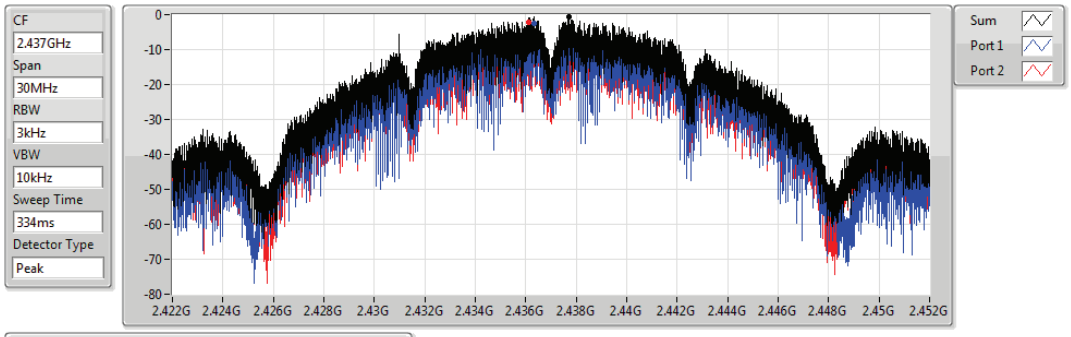
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-3.34	-3.99

802.11b_Nss1,(1Mbps)_2TX PSD

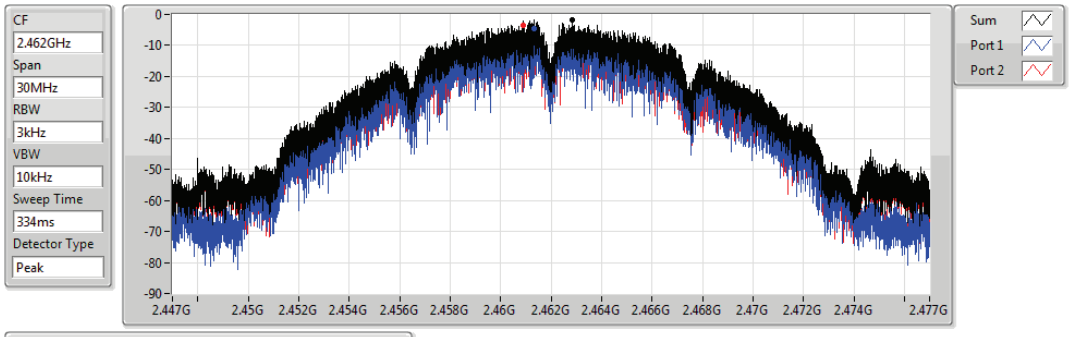
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-2.65	-2.17

802.11b_Nss1,(1Mbps)_2TX PSD

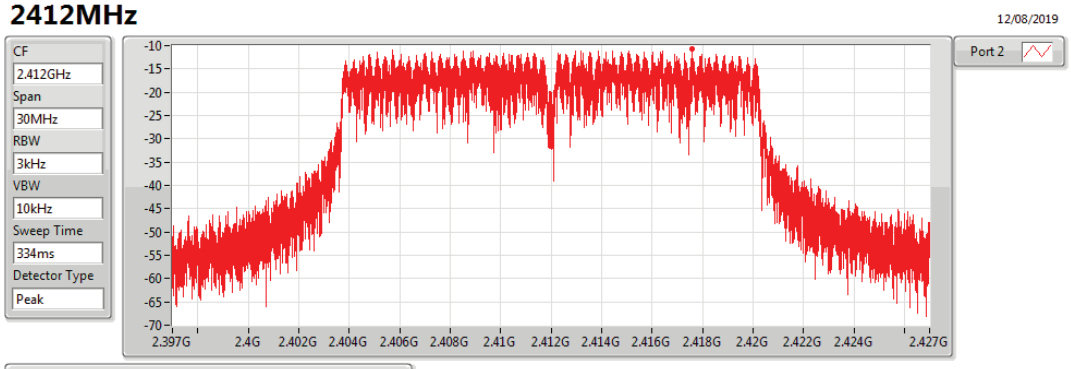
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.68	-1.68	-4.45	-3.42

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

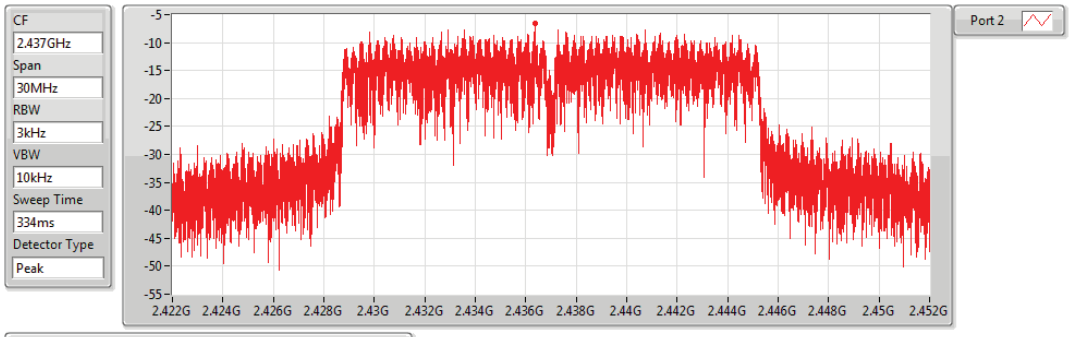
2412MHz



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

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

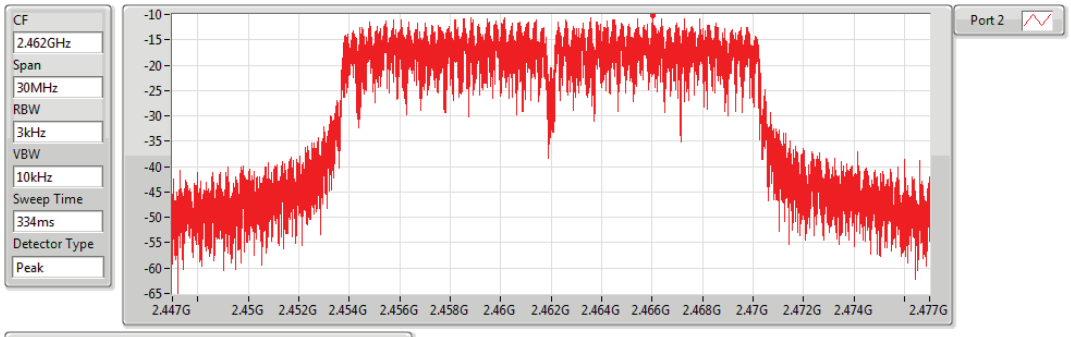
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.53	-6.53		-6.53

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

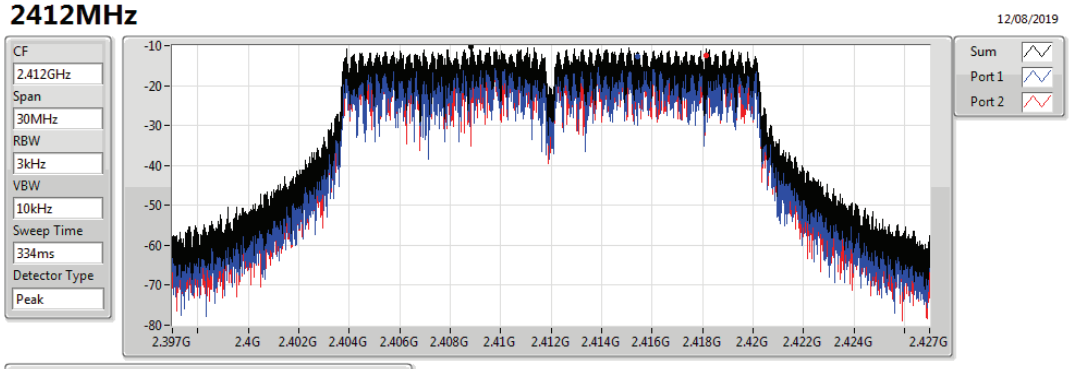
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.26	-10.26		-10.26

802.11g_Nss1,(6Mbps)_2TX PSD

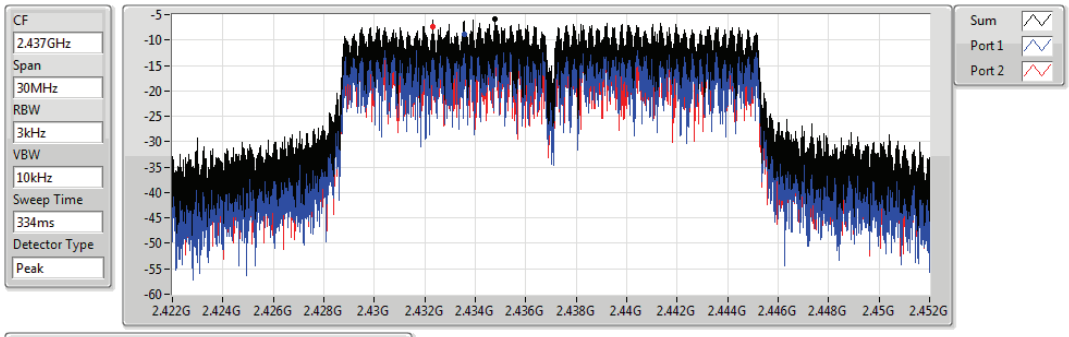
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.28	-10.28	-12.78	-12.34

802.11g_Nss1,(6Mbps)_2TX PSD

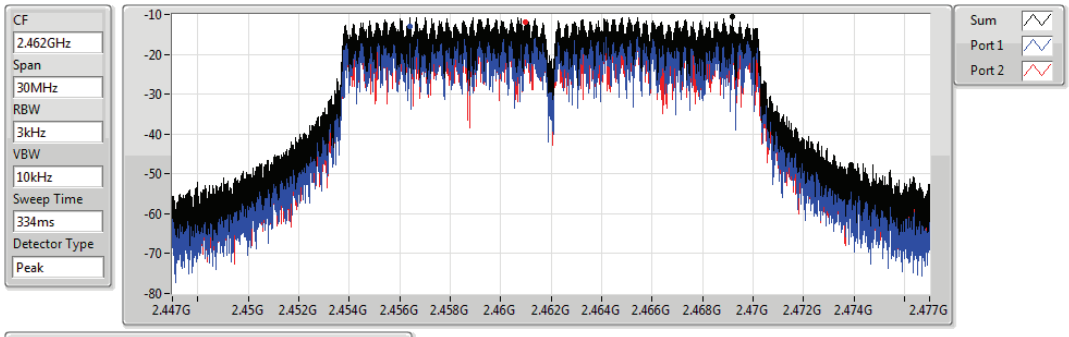
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.76	-5.76	-8.97	-7.36

802.11g_Nss1,(6Mbps)_2TX PSD

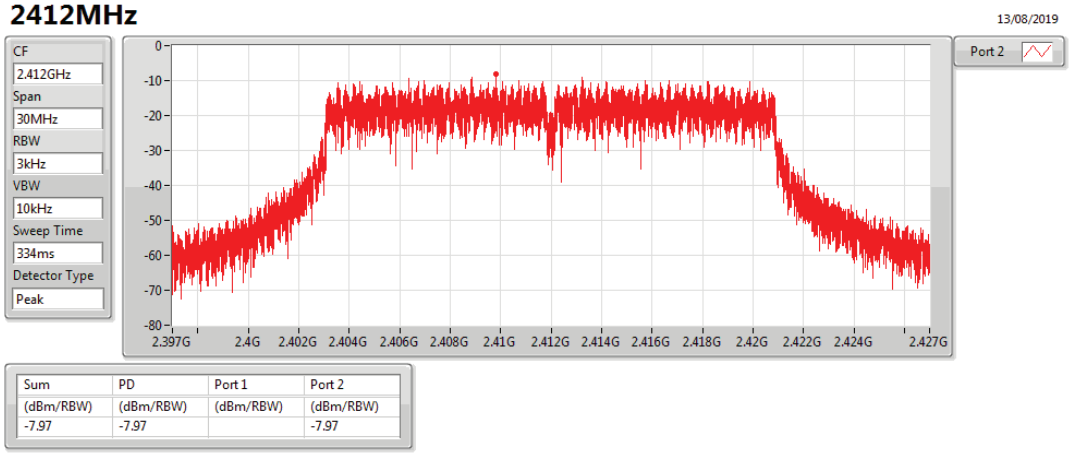
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.66	-10.66	-13.07	-11.94

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

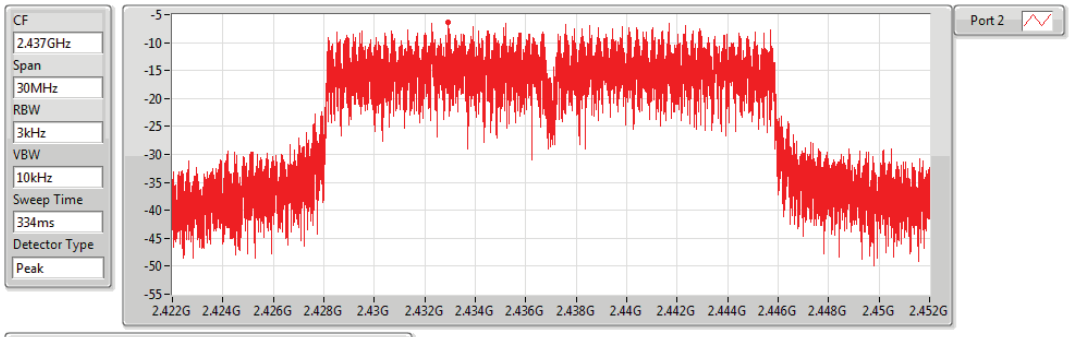
2412MHz



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

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

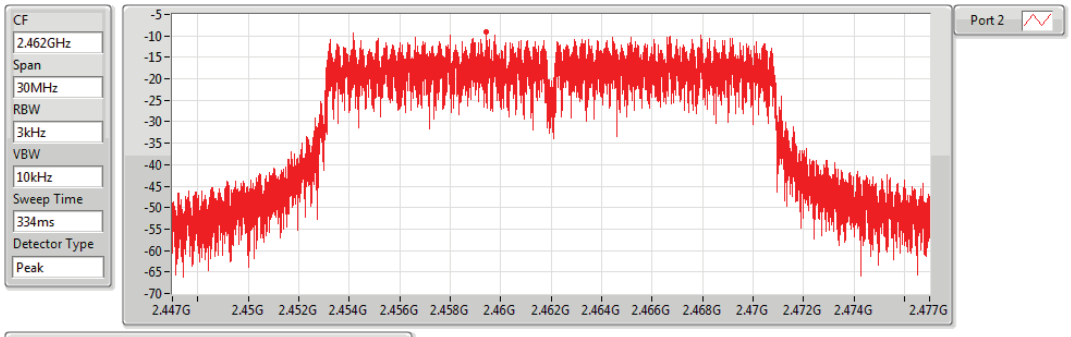
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.27	-6.27		-6.27

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

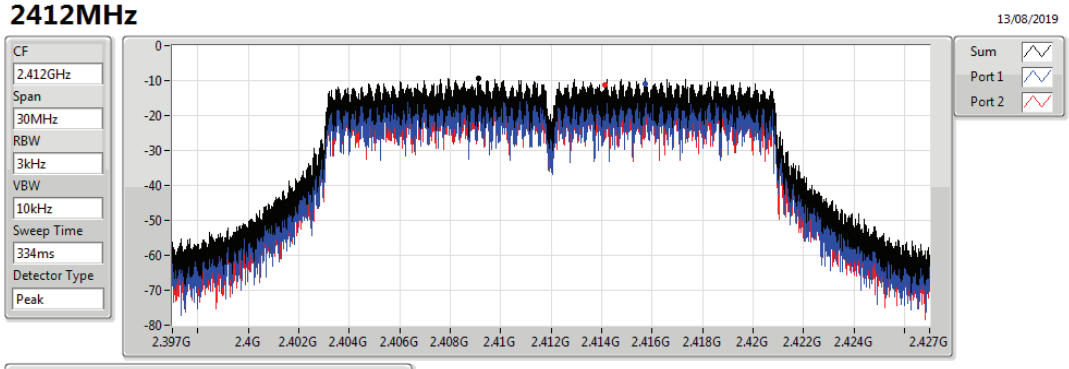
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.17	-9.17		-9.17

VHT20_Nss1,(MCS0)_2TX **PSD**

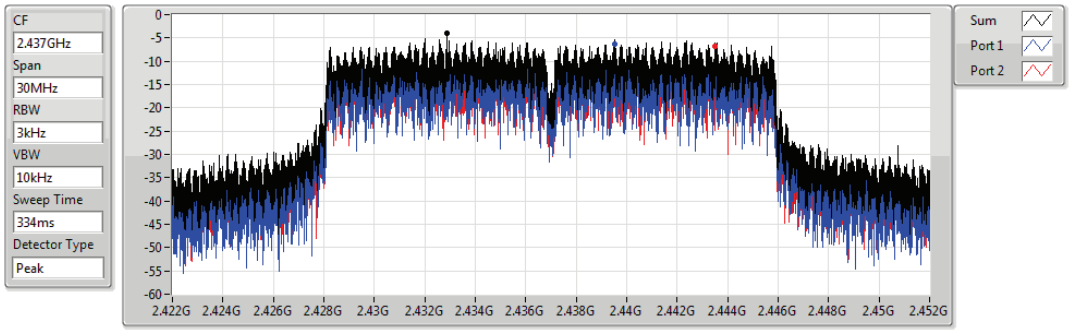
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.23	-9.23	-11.03	-11.11

VHT20_Nss1,(MCS0)_2TX **PSD**

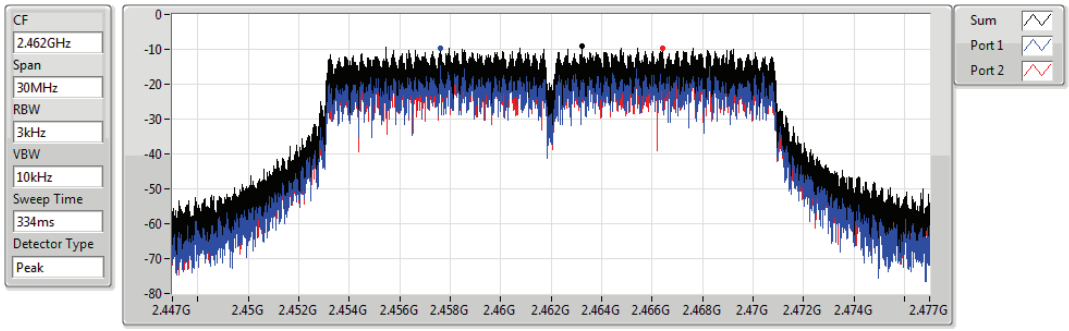
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.09	-4.09	-6.30	-6.80

VHT20_Nss1,(MCS0)_2TX **PSD**

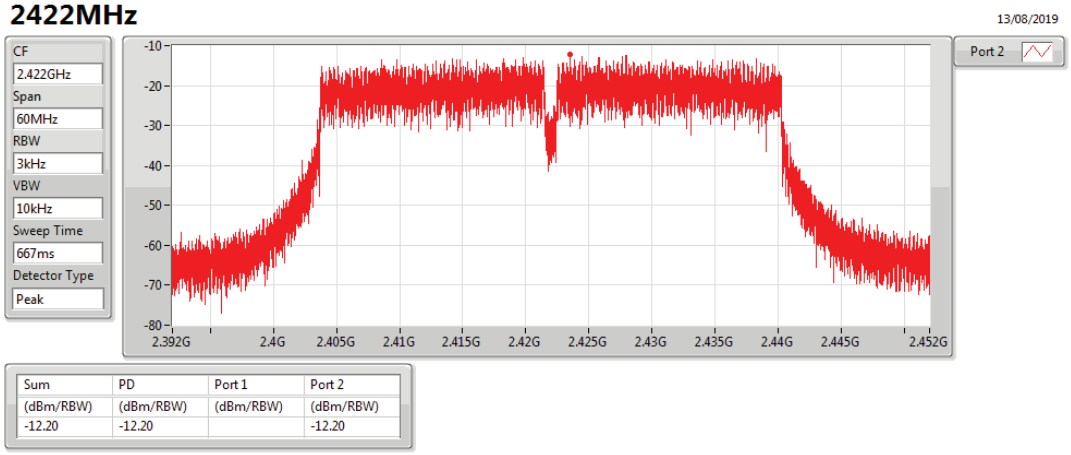
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.01	-9.01	-9.82	-9.55

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

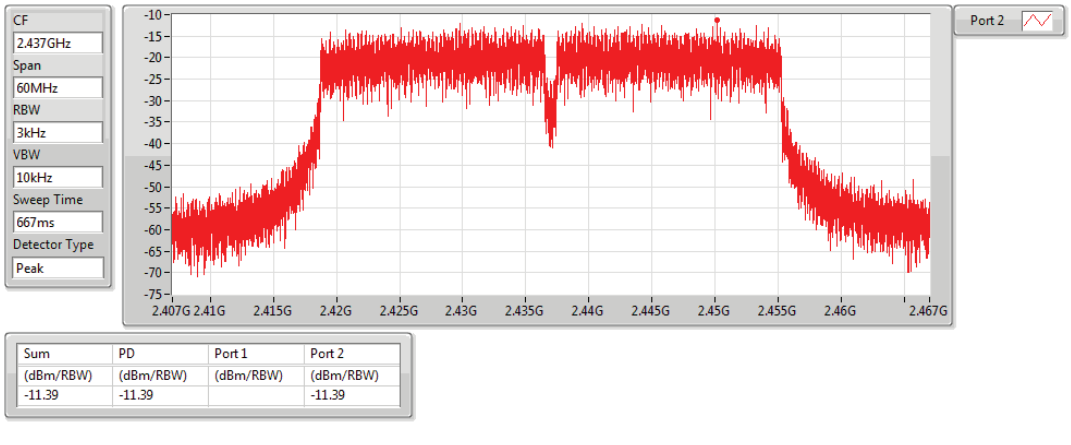
2422MHz



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

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

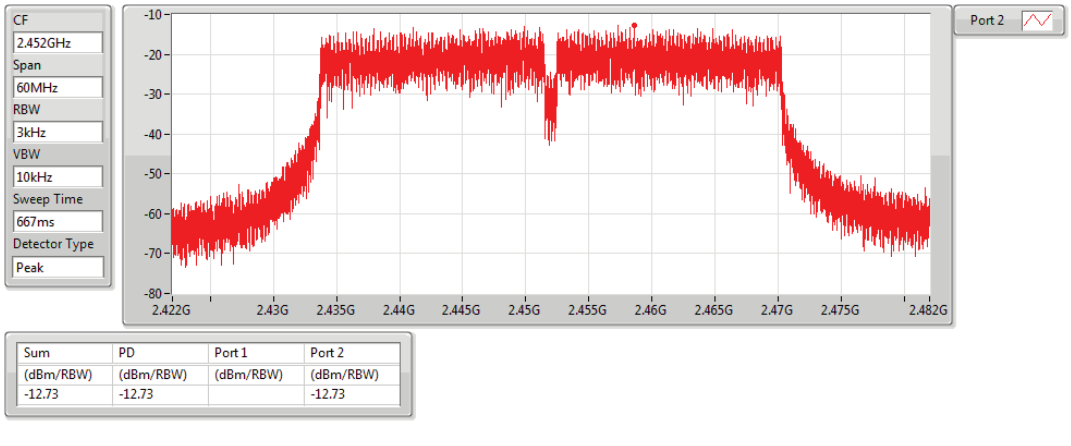
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.39	-11.39		-11.39

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

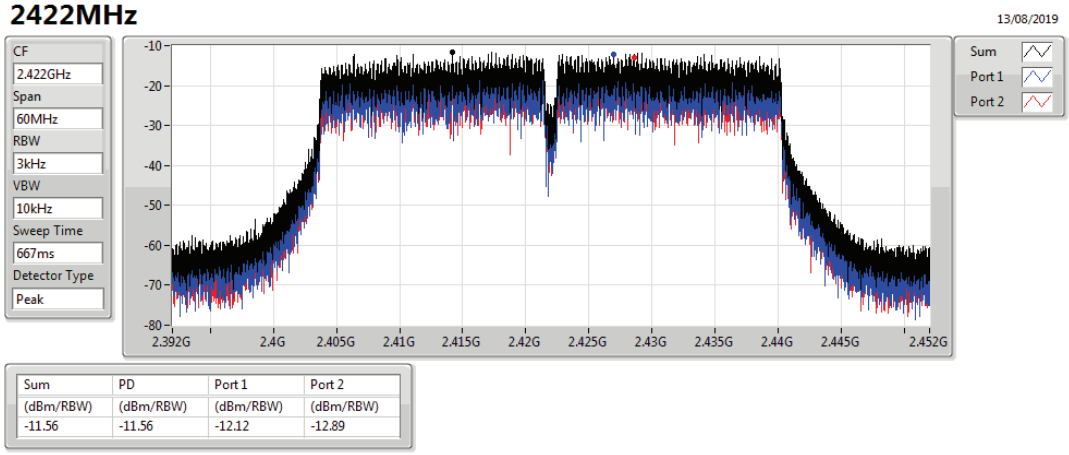
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.73	-12.73		-12.73

VHT40_Nss1,(MCS0)_2TX **PSD**

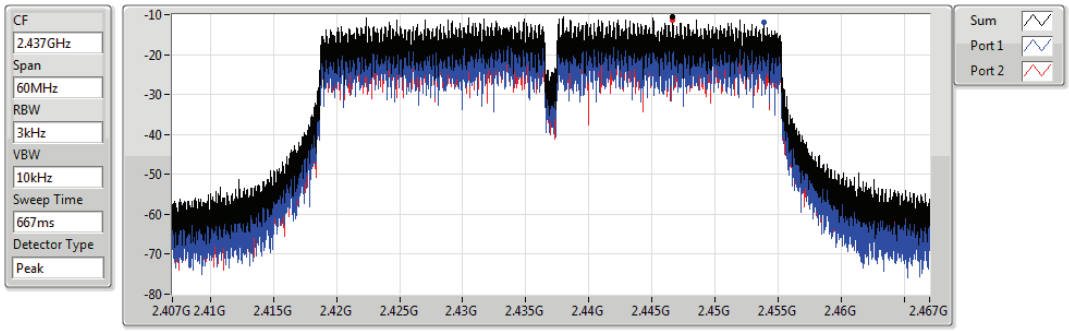
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.56	-11.56	-12.12	-12.89

VHT40_Nss1,(MCS0)_2TX **PSD**

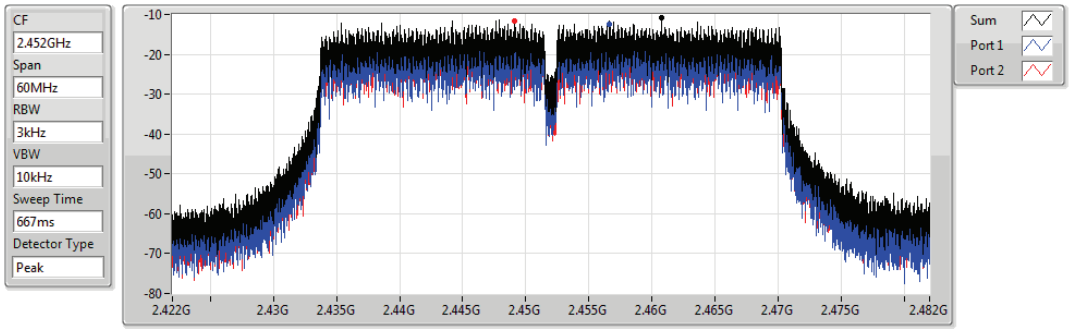
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.43	-10.43	-11.79	-11.24

VHT40_Nss1,(MCS0)_2TX **PSD**

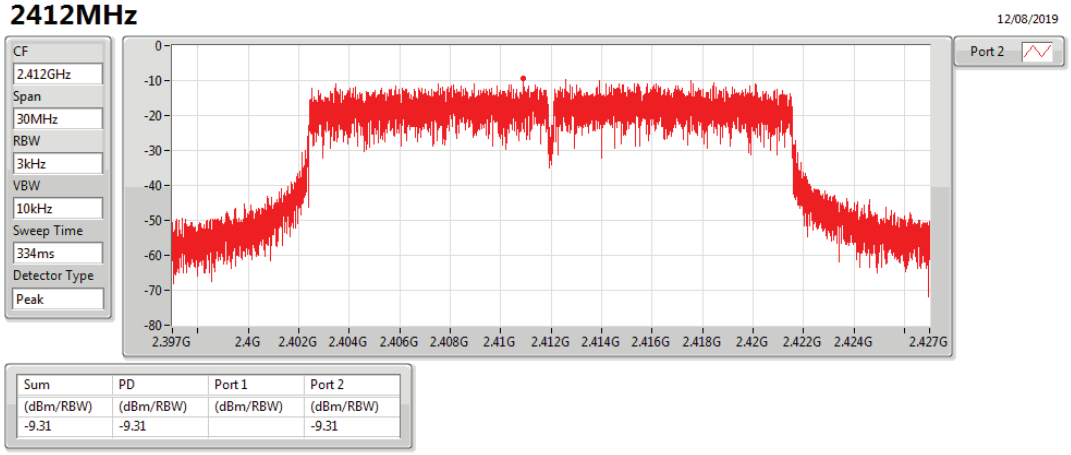
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.78	-10.78	-12.57	-11.68

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) PSD

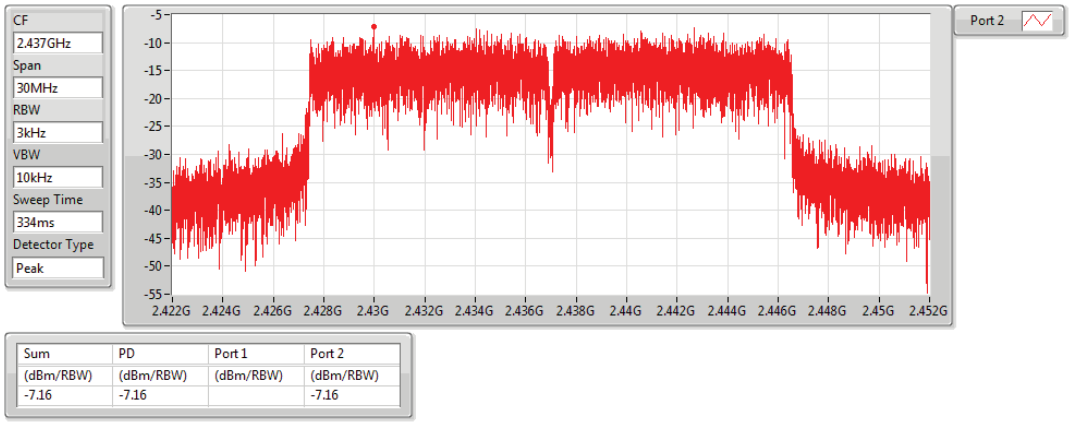
2412MHz



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

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) PSD

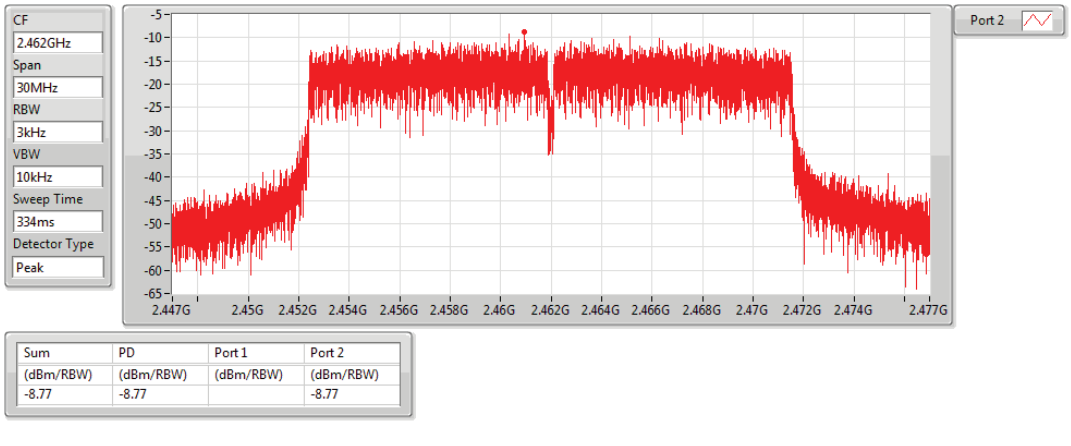
2437MHz



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

802.11ax HEW20_Nss1,(MCS0)_1TX(Port2) PSD

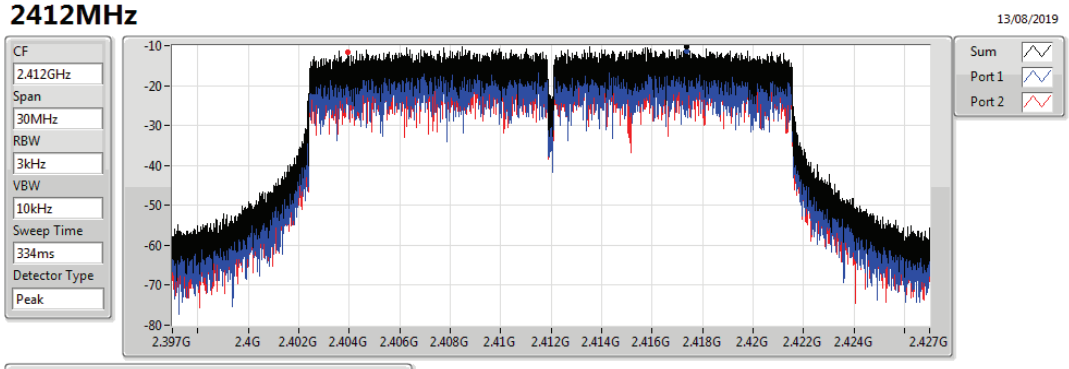
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.77	-8.77		-8.77

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

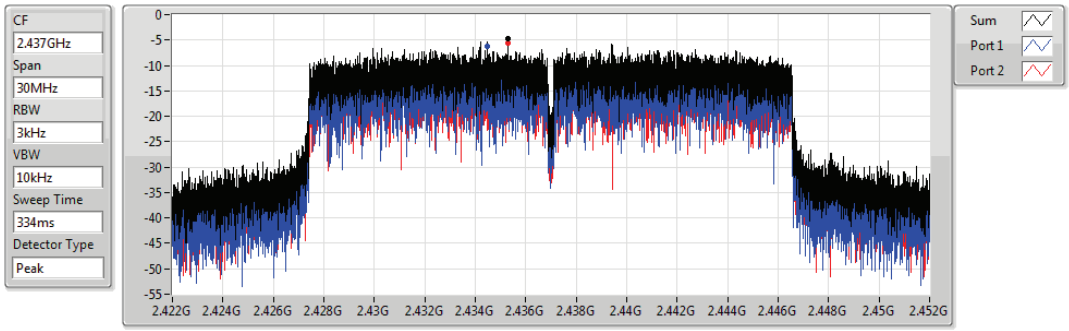
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.21	-10.21	-11.49	-11.52

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

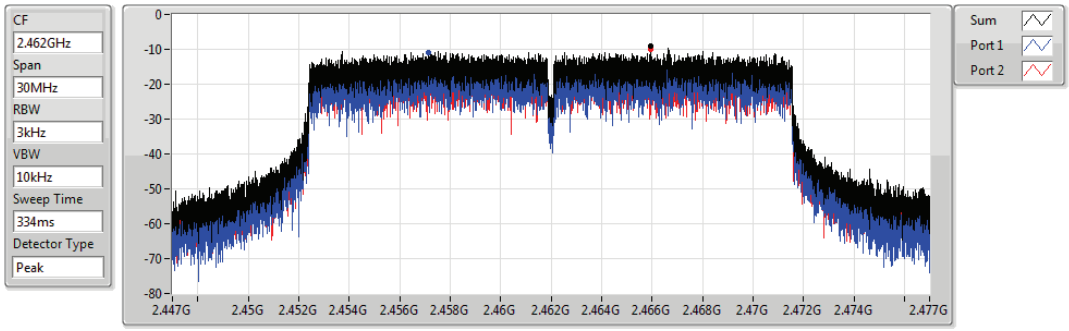
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.75	-4.75	-6.16	-5.69

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

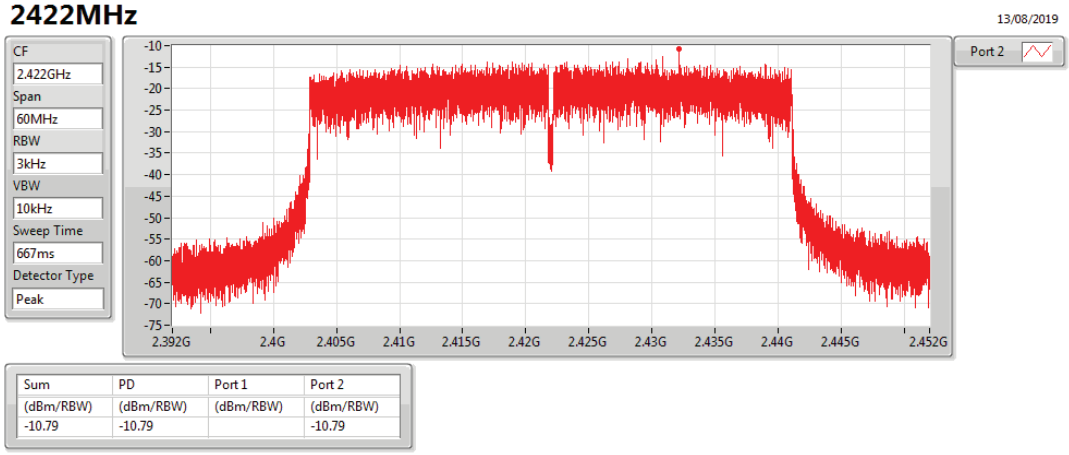
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.98	-8.98	-10.81	-9.95

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) PSD

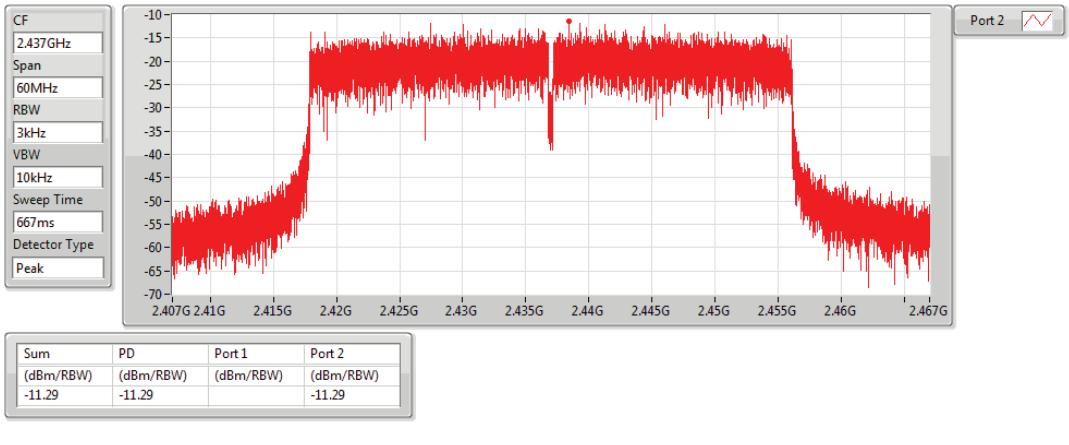
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.79	-10.79		-10.79

802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) PSD

2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.29	-11.29		-11.29

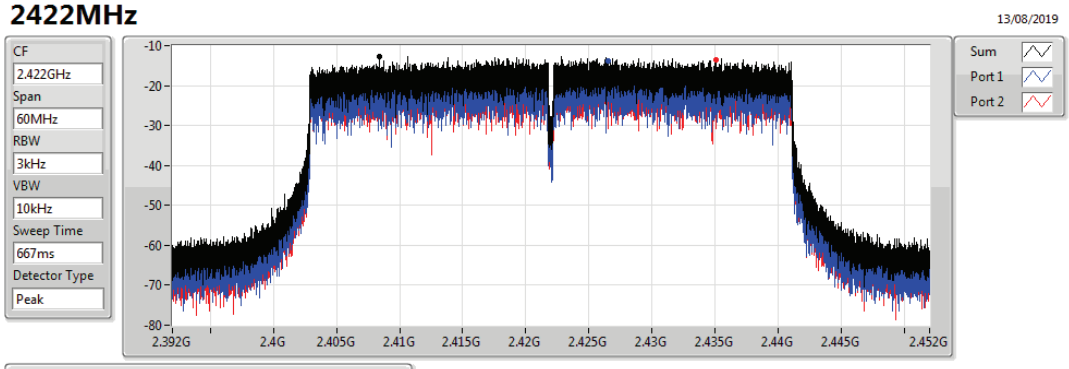
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2) PSD

2452MHz

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.71	-12.71		-12.71

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

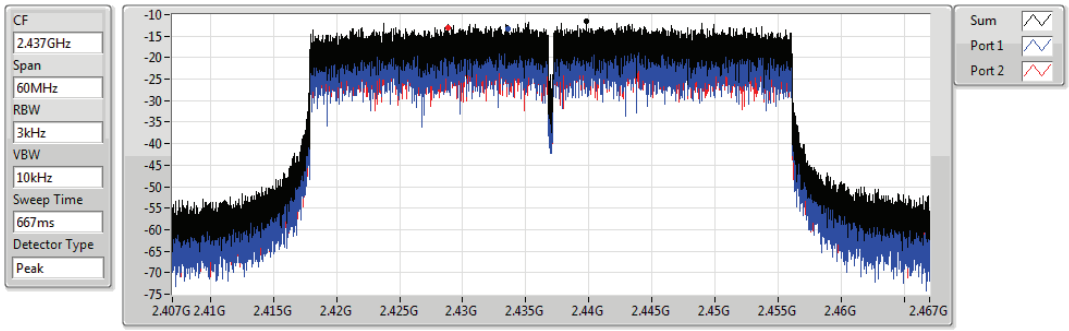
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.61	-12.61	-13.94	-13.52

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

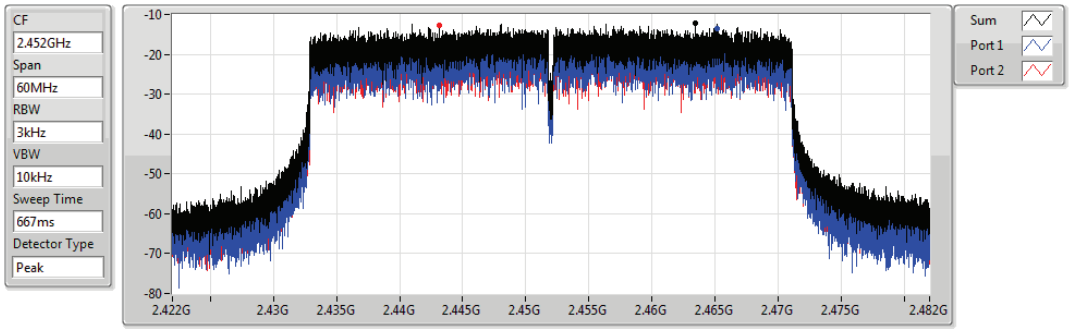
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.61	-11.61	-13.21	-12.95

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

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.17	-12.17	-13.43	-12.78

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX(Port2)	-2.21
802.11b_Nss1,(1Mbps)_2TX	-0.10
802.11g_Nss1,(6Mbps)_1TX(Port2)	-8.45
802.11g_Nss1,(6Mbps)_2TX	-7.95
VHT20_Nss1,(MCS0)_1TX(Port2)	-7.87
VHT20_Nss1,(MCS0)_2TX	-6.78
VHT40_Nss1,(MCS0)_1TX(Port2)	-12.07
VHT40_Nss1,(MCS0)_2TX	-11.28
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-8.79
802.11ax HEW20_Nss1,(MCS0)_2TX	-7.13
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-11.39
802.11ax HEW40_Nss1,(MCS0)_2TX	-10.77

RBW=3 kHz.

Result

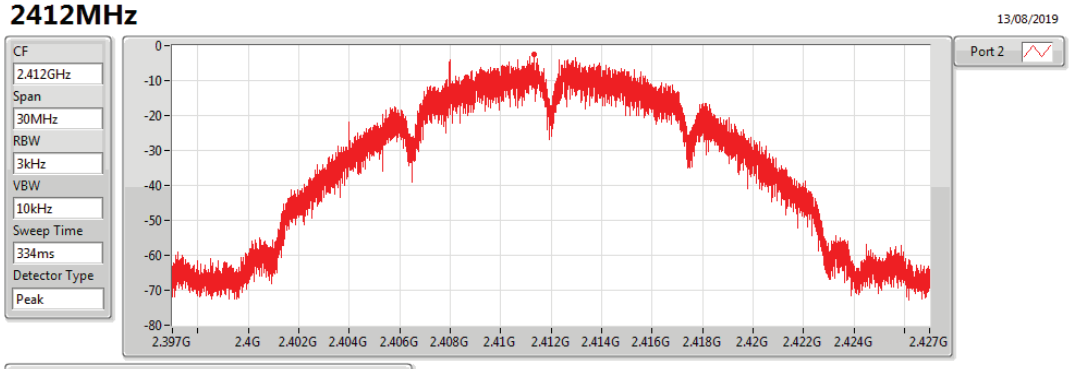
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		-2.64	-2.64	3.00
2417MHz						
2437MHz	Pass	11.00		-2.21	-2.21	3.00
2457MHz						
2462MHz	Pass	11.00		-2.63	-2.63	3.00
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	-2.59	-1.28	-0.48	-0.01
2417MHz						
2437MHz	Pass	14.01	-0.42	-2.98	-0.10	-0.01
2457MHz						
2462MHz	Pass	14.01	-0.70	-2.86	-0.43	-0.01
802.11g_Nss1,(6Mbps)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		-11.63	-11.63	3.00
2417MHz						
2437MHz	Pass	11.00		-8.45	-8.45	3.00
2457MHz						
2462MHz	Pass	11.00		-11.28	-11.28	3.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	-11.23	-11.92	-9.97	-0.01
2417MHz						
2437MHz	Pass	14.01	-9.63	-8.90	-7.95	-0.01
2457MHz						
2462MHz	Pass	14.01	-12.38	-11.82	-9.80	-0.01
VHT20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		-10.62	-10.62	3.00
2417MHz						
2437MHz	Pass	11.00		-7.87	-7.87	3.00
2457MHz						
2462MHz	Pass	11.00		-10.47	-10.47	3.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	-12.30	-12.04	-10.28	-0.01
2417MHz						
2437MHz	Pass	14.01	-7.75	-8.35	-6.78	-0.01
2457MHz						
2462MHz	Pass	14.01	-11.24	-11.11	-8.17	-0.01
VHT40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	11.00		-13.00	-13.00	3.00
2427MHz						
2437MHz	Pass	11.00		-12.07	-12.07	3.00
2447MHz						
2452MHz	Pass	11.00		-12.73	-12.73	3.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.01	-13.13	-12.90	-11.48	-0.01

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
2427MHz						
2437MHz	Pass	14.01	-12.06	-12.84	-11.28	-0.01
2447MHz						
2452MHz	Pass	14.01	-12.23	-13.95	-11.62	-0.01
802.11ax HEW20_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2412MHz	Pass	11.00		-11.42	-11.42	3.00
2417MHz						
2437MHz	Pass	11.00		-8.79	-8.79	3.00
2457MHz						
2462MHz	Pass	11.00		-10.50	-10.50	3.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	14.01	-12.46	-12.48	-10.78	-0.01
2417MHz						
2437MHz	Pass	14.01	-8.13	-8.05	-7.13	-0.01
2457MHz						
2462MHz	Pass	14.01	-12.08	-11.68	-10.45	-0.01
802.11ax HEW40_Nss1,(MCS0)_1TX(Port2)	-	-	-	-	-	-
2422MHz	Pass	11.00		-13.28	-13.28	3.00
2427MHz						
2437MHz	Pass	11.00		-11.39	-11.39	3.00
2447MHz						
2452MHz	Pass	11.00		-13.13	-13.13	3.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	14.01	-12.93	-13.31	-12.25	-0.01
2427MHz						
2437MHz	Pass	14.01	-13.30	-11.48	-10.77	-0.01
2447MHz						
2452MHz	Pass	14.01	-14.70	-14.35	-12.71	-0.01

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)_1TX(Port2) PSD

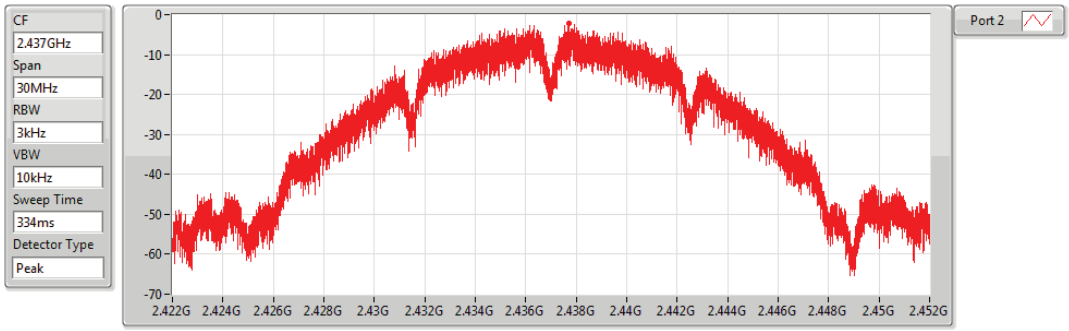
2412MHz



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

802.11b_Nss1,(1Mbps)_1TX(Port2) PSD

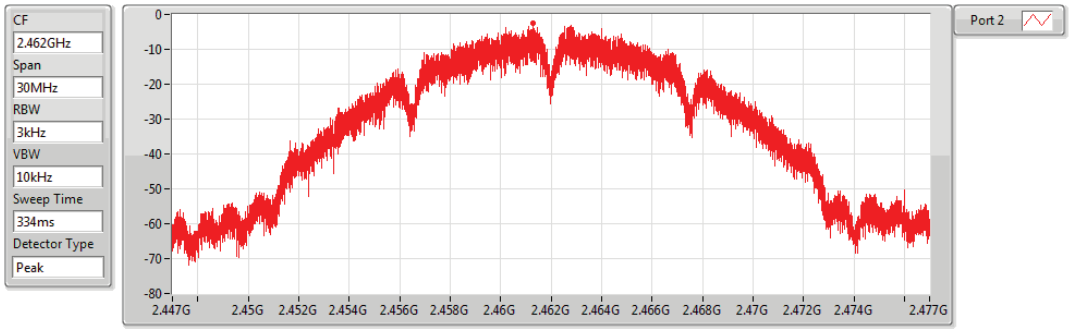
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21		-2.21

802.11b_Nss1,(1Mbps)_1TX(Port2) PSD

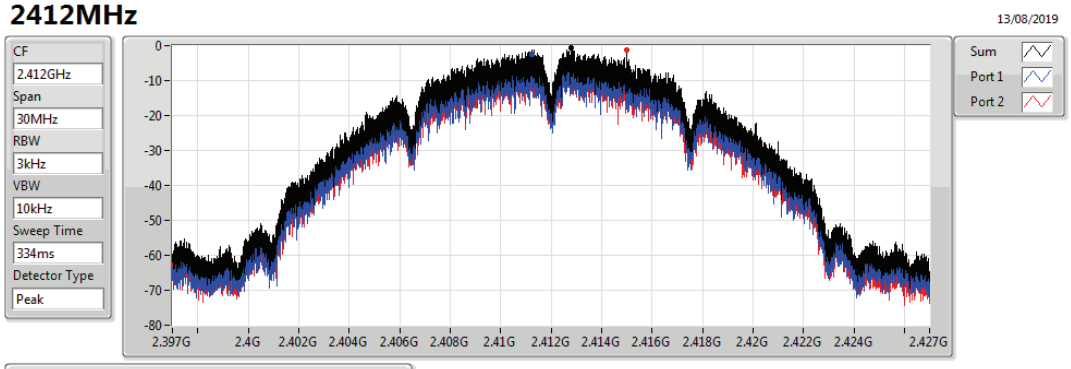
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.63	-2.63		-2.63

802.11b_Nss1,(1Mbps)_2TX PSD

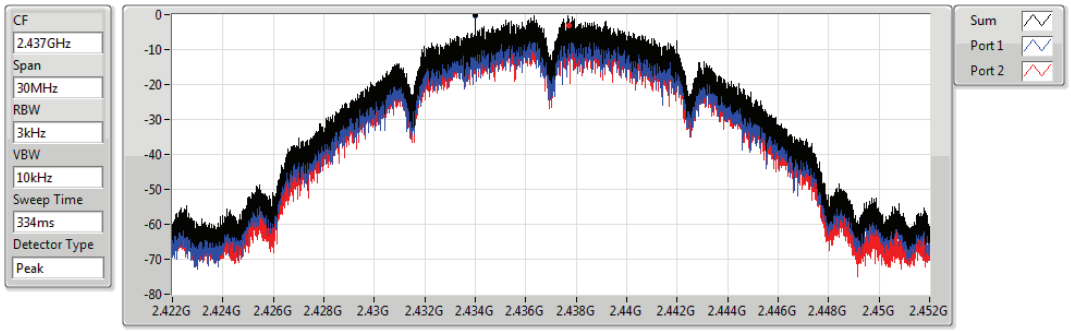
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-2.59	-1.28

802.11b_Nss1,(1Mbps)_2TX PSD

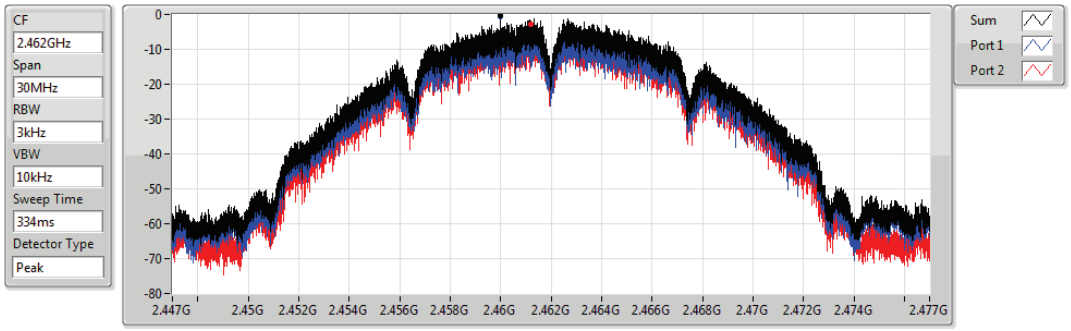
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-0.42	-2.98

802.11b_Nss1,(1Mbps)_2TX PSD

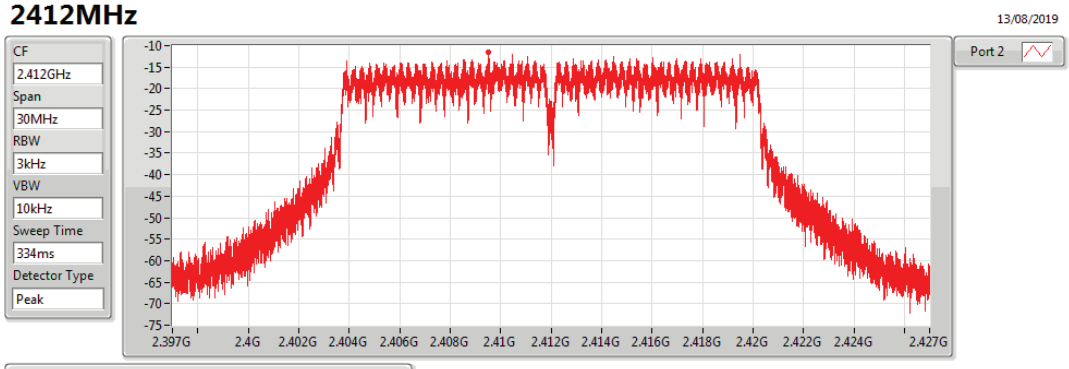
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-0.70	-2.86

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

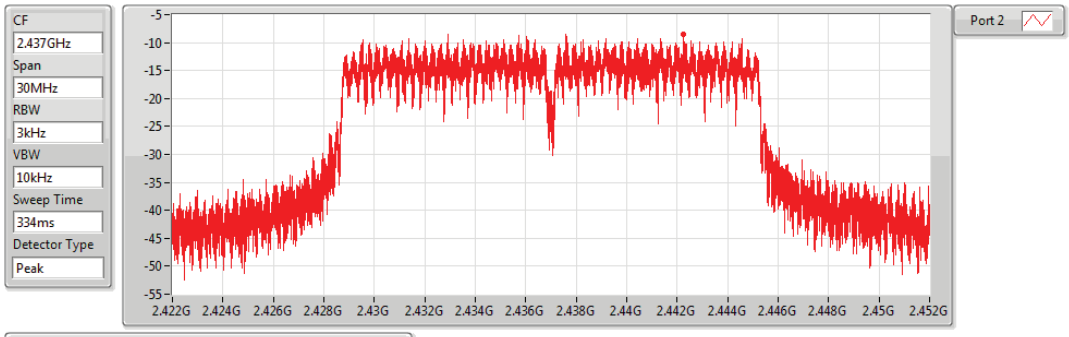
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.63	-11.63		-11.63

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

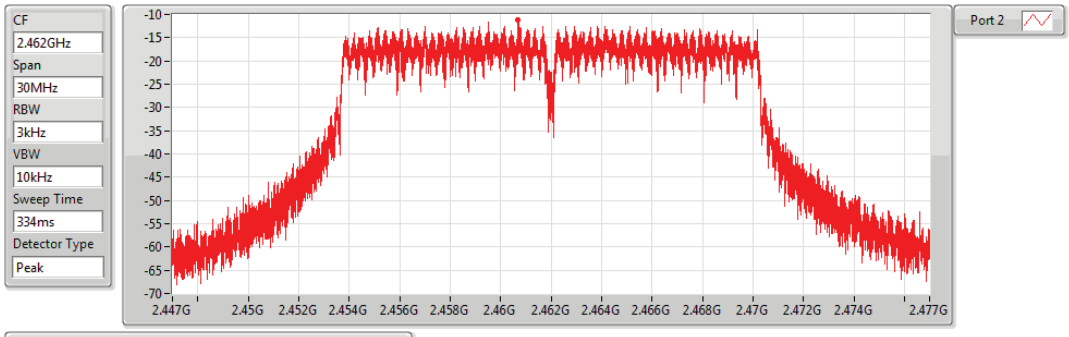
2437MHz



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

802.11g_Nss1,(6Mbps)_1TX(Port2) PSD

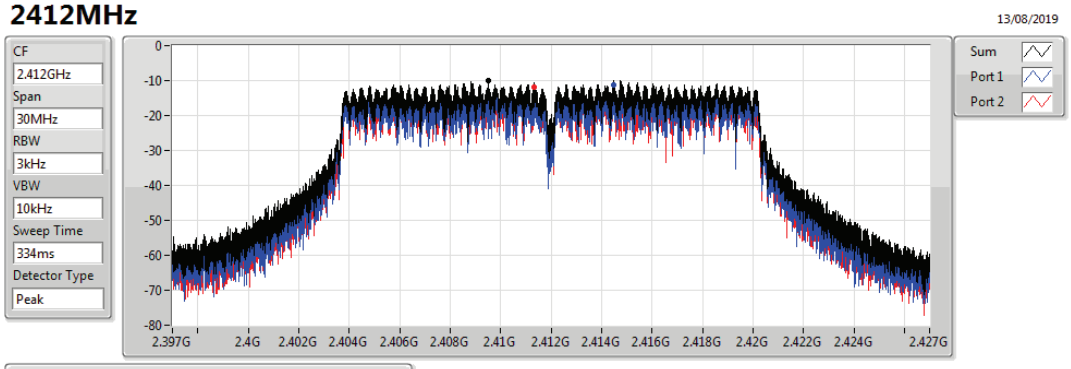
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.28	-11.28		-11.28

802.11g_Nss1,(6Mbps)_2TX PSD

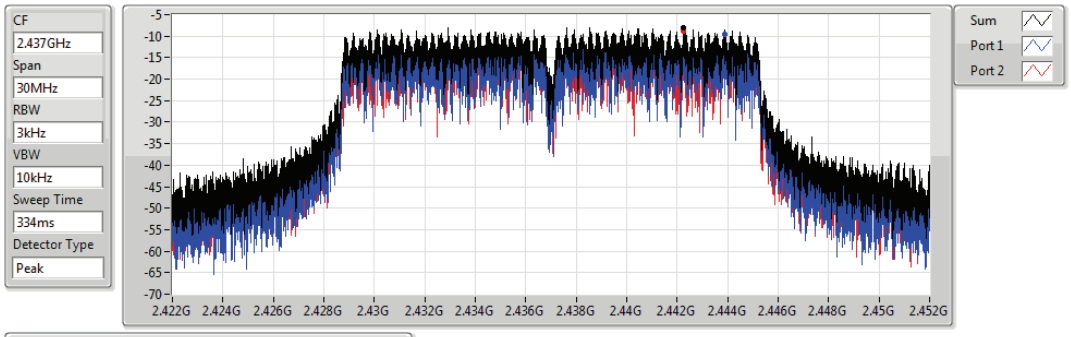
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.97	-9.97	-11.23	-11.92

802.11g_Nss1,(6Mbps)_2TX PSD

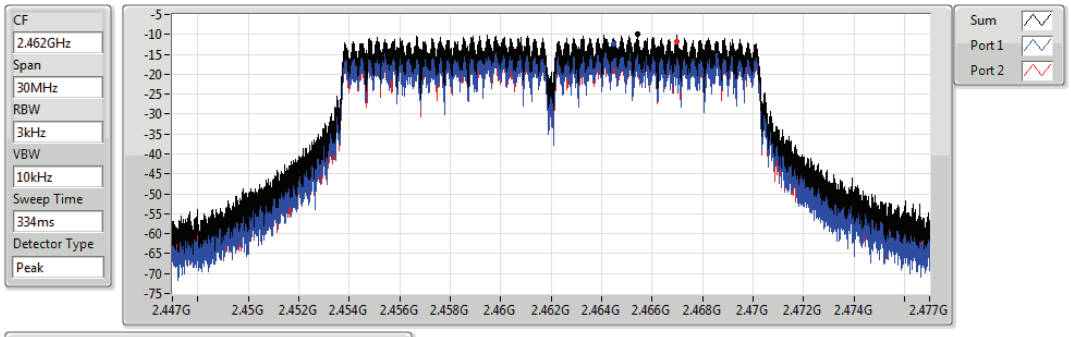
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.95	-7.95	-9.63	-8.90

802.11g_Nss1,(6Mbps)_2TX PSD

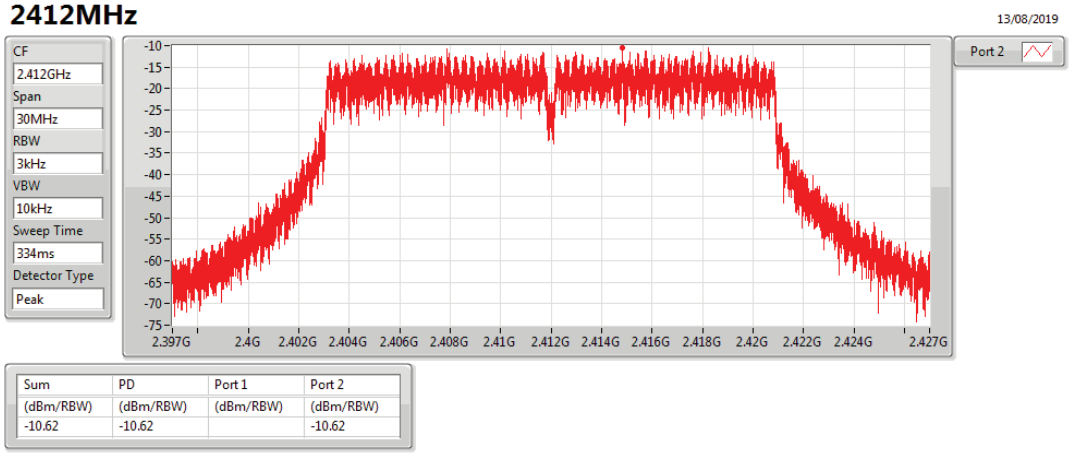
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.80	-9.80	-12.38	-11.82

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

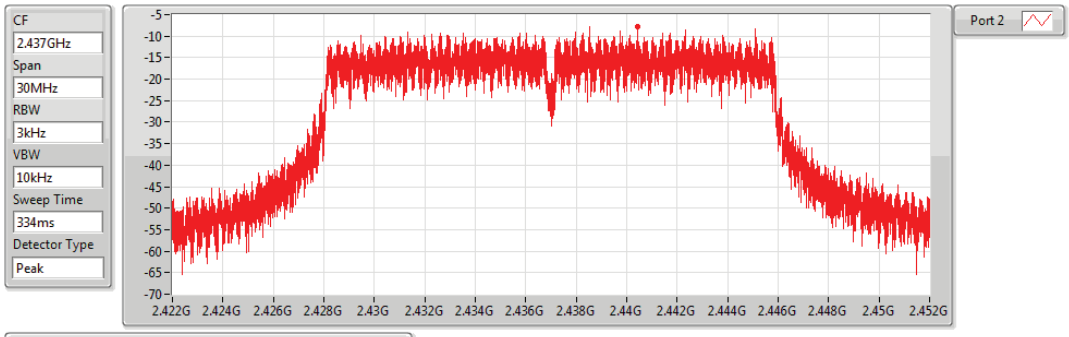
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.62	-10.62		-10.62

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

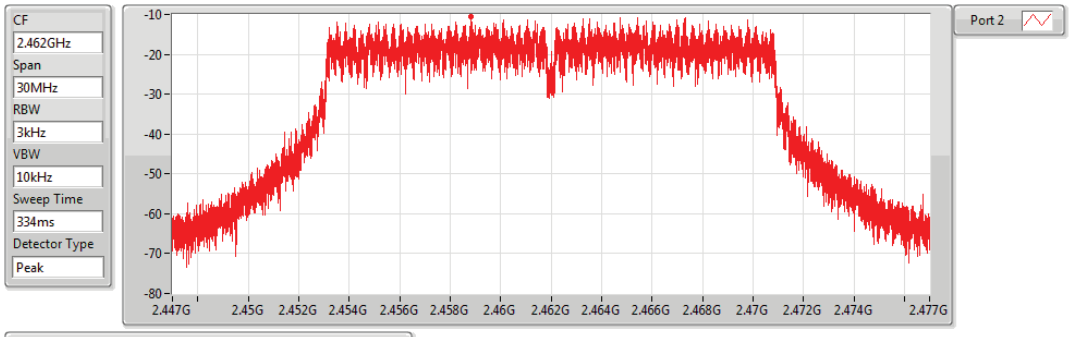
2437MHz



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

VHT20_Nss1,(MCS0)_1TX(Port2) **PSD**

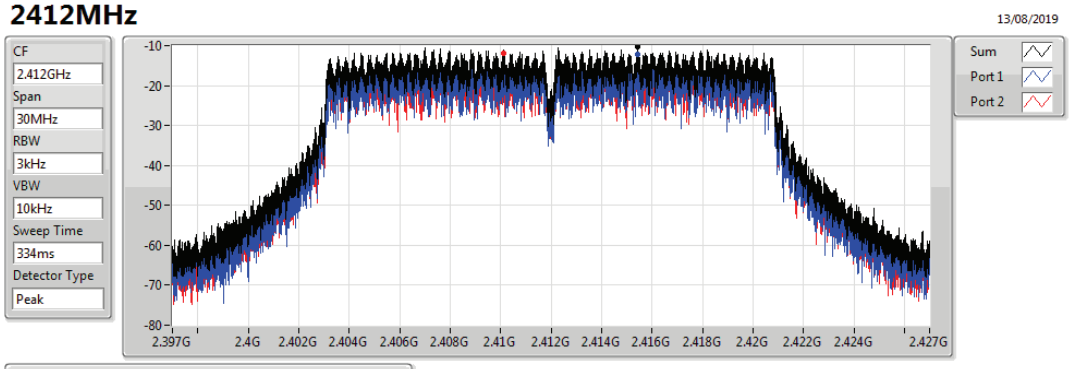
2462MHz



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

VHT20_Nss1,(MCS0)_2TX PSD

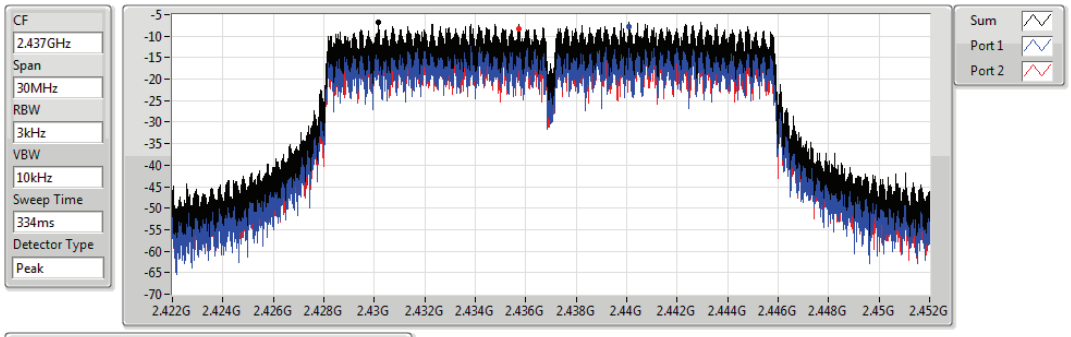
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.28	-10.28	-12.30	-12.04

VHT20_Nss1,(MCS0)_2TX PSD

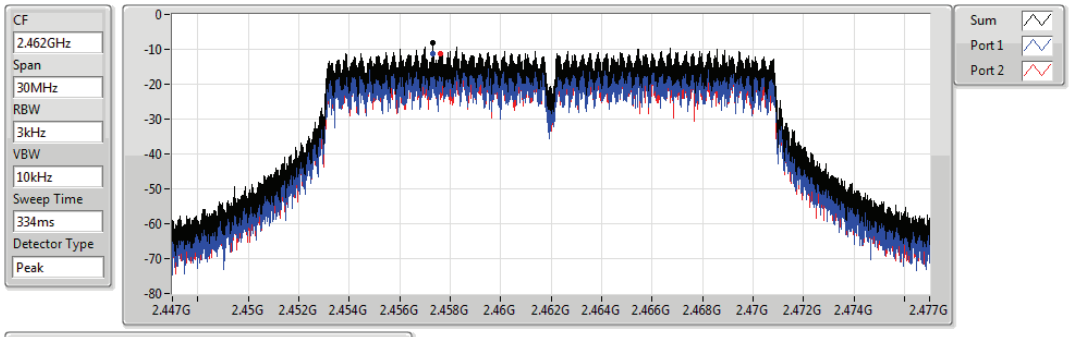
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.78	-6.78	-7.75	-8.35

VHT20_Nss1,(MCS0)_2TX PSD

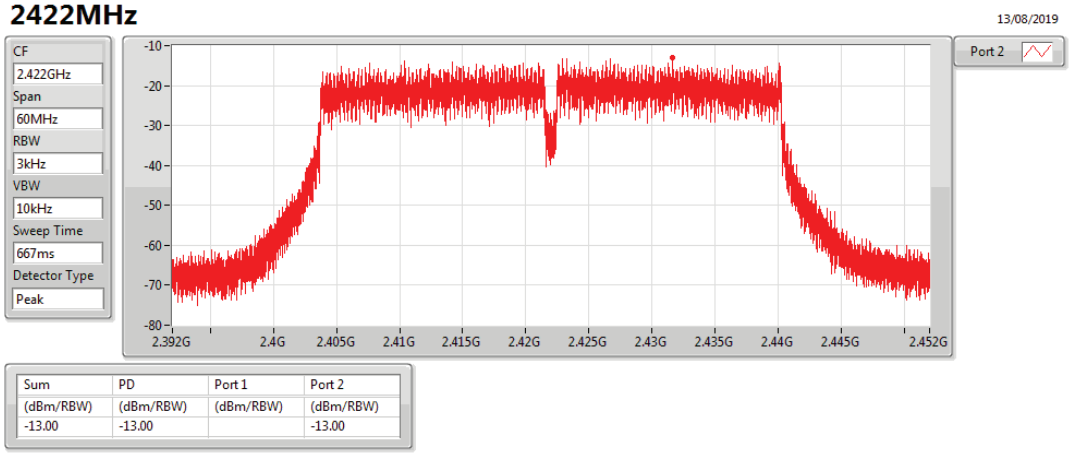
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.17	-8.17	-11.24	-11.11

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

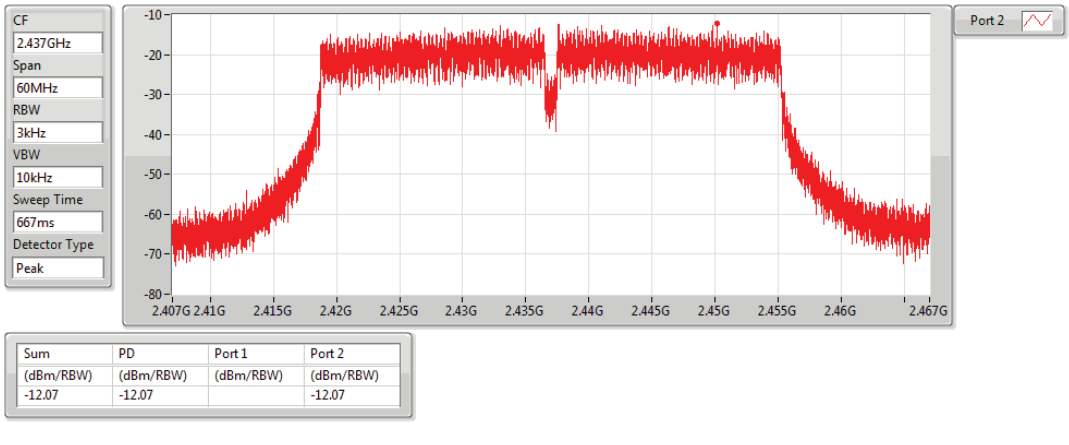
2422MHz



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

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

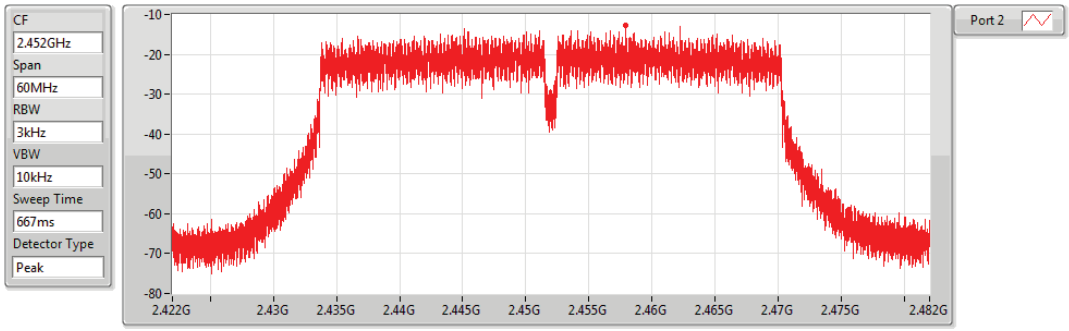
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.07	-12.07		-12.07

VHT40_Nss1,(MCS0)_1TX(Port2) **PSD**

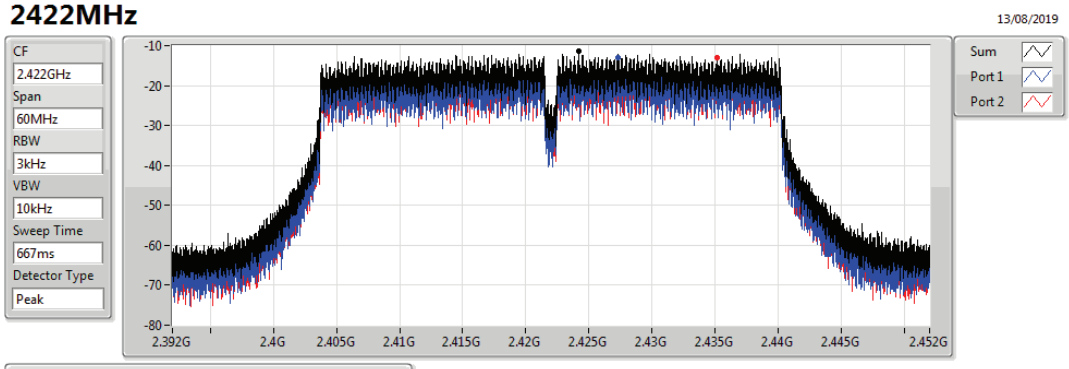
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.73	-12.73		-12.73

VHT40_Nss1,(MCS0)_2TX PSD

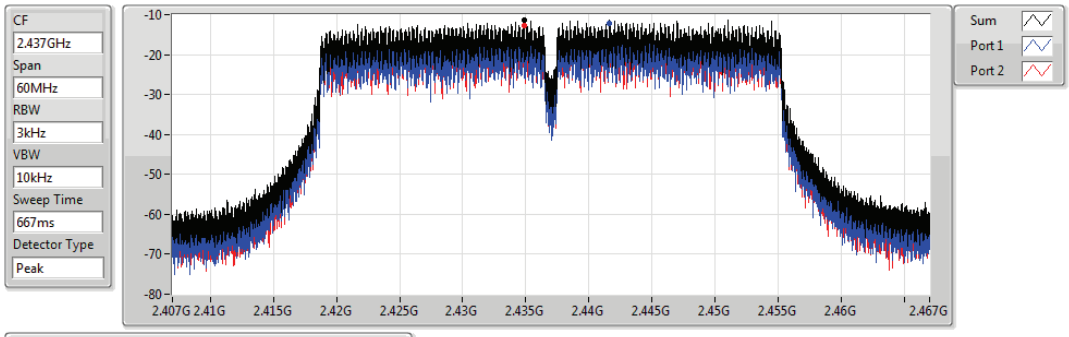
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.48	-11.48	-13.13	-12.90

VHT40_Nss1,(MCS0)_2TX PSD

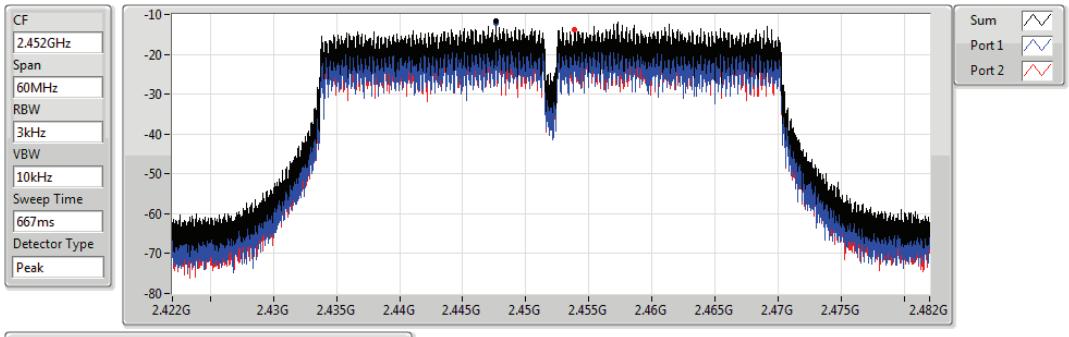
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.28	-11.28	-12.06	-12.84

VHT40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.62	-11.62	-12.23	-13.95