FCC RADIO TEST REPORT

FCC ID	:	QXO-AP560H
Equipment	:	802.11ax Access Point
Brand Name	:	Extreme Networks
Model Name	:	AP560h
Applicant	:	Extreme Networks, Inc. 6480 Via Del Oro, San Jose, CA 95119
Manufacturer	:	Extreme Networks, Inc. 6480 Via Del Oro, San Jose, CA 95119
Standard	:	47 CFR FCC Part 15.247

The product was received on Mar. 13, 2019, and testing was started from Mar. 22, 2019 and completed on May 22, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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History of this test report

Report No.	Version	Description	Issued Date
FR8O1739-09AC	01	Initial issue of report	May 31, 2019

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Wendy Pan

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), ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11g	20	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11n HT20	20	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX, 4TX
2.4-2.4835GHz	802.11n HT40	40	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11ax HEW40	40	1TX, 2TX, 4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX, 4TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Set	Port			Brand	Model Name	Antenna Type	Connector	Radio	Gain (dBi)				Beam width
		1TX	2TX	4TX						2.4GHz	5GHz	BT	Thread	
1	1	1	1	1	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	8.27	-	-	30/70
		-	2	2	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	8.27	-	-	30/70
	2	-		3	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	8.27	-	-	30/70
		-		4	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	8.27	-	-	30/70
	1	R2-1	R2-1	R1-4 R2-1	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	7.89	7.93	-	-	30/70
		-	R2-2	R1-3 R2-2	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	7.89	7.93	-	-	30/70
	2	-	R1-2	R1-2 R2-3	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	7.89	7.93	-	-	30/70
		R1-1	R1-1	R1-1 R2-4	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	7.89	7.93	-	-	30/70
2	1	1	1	1	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	6.16	-	-	70/70
		1	2	2	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	6.16	-	-	70/70
	2	-		3	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	6.16	-	-	70/70
		-		4	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-5GHz	-	6.16	-	-	70/70
	1	R2-1	R2-1	R1-4 R2-1	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	6.22	6.32	-	-	70/70
		-	R2-2	R1-3 R2-2	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	6.22	6.32	-	-	70/70
	2	-	R1-2	R1-2 R2-3	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	6.22	6.32	-	-	70/70
		R1-1	R1-1	R1-1 R2-4	WNC	Seahawk 560h	Panel Antenna	I-PEX	R1-2.4GHz R2-5GHz	6.22	6.32	-	-	70/70
3	-	1	-	-	WNC	Seahawk 560h	Panel Antenna	I-PEX	R3	-	-	2.61	2.61	-

Note1: The above information was declared by manufacturer.
Note2: Both Ant.1 and Ant. 2 support transmit and receive functions, but only one of them will be used at one time.
Note3:

For 2.4GHz function:
For IEEE 802.11b/g/n/ax mode (1TX, 2TX, 4TX/4RX):
For 1TX
Only Port 1 can be use as transmitting antenna.
For 2TX
Port 1 and Port 2 can be use as transmitting antenna.
Port 1 and Port 2 could transmit simultaneously.
For 4TX
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.
For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.
Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (1TX, 2TX, 4TX/4RX):

For 1TX
Only Port 1 can be use as transmitting antenna.
For 2TX
Port 1 and Port 2 can be use as transmitting antenna.
Port 1 and Port 2 could transmit simultaneously.
For 4TX
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.
For 4RX
Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.
Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Bluetooth and Thread mode (1TX/1RX):

Only Port 1 can be use as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

For 1T1S Mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.949	0.227	12.488m	100
802.11g	0.953	0.209	2.068m	1k
802.11ax HEW20	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.969	0.137	910u	3k

For 2T2S Mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.972	0.123	926.25u	3k
802.11ax HEW40	0.947	0.237	506.25u	3k

For 4T1S Mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.949	0.227	12.488m	100
802.11g	0.947	0.237	2.065m	1k
802.11ax HEW20	0.983	0.074	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.969	0.137	910u	3k
802.11ax HEW20-BF	0.876	0.575	1.499m	1k
802.11ax HEW40-BF	0.858	0.665	2.215m	1k

For 4T4S Mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.95	0.223	537.5u	3k
802.11ax HEW40	0.922	0.353	330u	10k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11ax in 2.4GHz and 802.11n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	accessMtool 3.0.0.6			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

1.The EUT has three radios, the information as following table:

Radio	Function		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth/Thread
1	V	V	-
2	-	V	-
3	-	-	V

2.Table for EUT support function

Function	Support Type	Support Band
AP	Master	WLAN 2.4GHz/Bluetooth/Thread/WLAN 5GHz Band 1~4
Client	Slave without Radar Detection (Sensor Mode)	WLAN 2.4GHz/Bluetooth/Thread/WLAN 5GHz Band 1+4
Bridge	Master	WLAN 2.4GHz/Bluetooth/Thread/WLAN 5GHz Band 1+4
Mesh	Master	WLAN 2.4GHz/Bluetooth/Thread/WLAN 5GHz Band 1+4

Note: 1.The above information was declared by manufacturer.

2.Only the AP mode was tested and recorded in this test report that is designated by the manufacturer.

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
- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Eddie Weng	21~23.5°C / 51~56%	Mar. 25, 2019 ~ Apr. 17, 2019
Radiated <1GHz	03CH01-CB	Bruce Yang	22~24°C / 50~60%	Mar. 22, 2019
Radiated >1GHz Co-location	03CH01-CB	Bruce Yang	22~24°C / 50~60%	Mar. 22, 2019 ~ May 22, 2019
Radiated >1GHz	03CH01-CB	Justin Lin	22~24°C / 50~60%	Mar. 22, 2019 ~ Apr. 26, 2019
AC Conduction	CO01-CB	Wei Li	23.23~24.84°C / 58.12~58.75%	Mar. 25, 2019

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086B with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For Antenna 1 / Beam width 30/70:
For 1T1S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-
2412MHz	87	21.75
2437MHz	94	23.5
2462MHz	84	21
802.11g_Nss1,(6Mbps)_1TX	-	-
2412MHz	66	16.5
2417MHz	76	19
2437MHz	89	22.25
2457MHz	76	19
2462MHz	65	16.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-
2412MHz	67	16.75
2417MHz	73	18.25
2437MHz	87	21.75
2457MHz	70	17.5
2462MHz	60	15
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-
2422MHz	62	15.5
2437MHz	68	17
2452MHz	63	15.75

For 2T2S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
2412MHz	64	16
2417MHz	68	17
2437MHz	82	20.5
2457MHz	67	16.75
2462MHz	62	15.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
2422MHz	59	14.75
2437MHz	64	16
2452MHz	59	14.75

For 4T1S Mode:
For Radiated Emission:

Mode	Radiated Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	96
2437MHz	100
2462MHz	100
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	100
2437MHz	100
2462MHz	100
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	100
2437MHz	100
2462MHz	100
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	100
2437MHz	100
2452MHz	100

For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-
2412MHz	80	20
2437MHz	88	22
2462MHz	80	20
802.11g_Nss1,(6Mbps)_4TX	-	-
2412MHz	54	13.5
2417MHz	65	16.25
2437MHz	73	18.25
2457MHz	64	16
2462MHz	54	13.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-
2412MHz	54	13.5
2417MHz	61	15.25
2437MHz	71	17.75
2457MHz	56	14
2462MHz	47	11.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-
2422MHz	54	13.5
2437MHz	57	14.25
2452MHz	51	12.75
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-
2412MHz	31	7.75
2417MHz	37	9.25
2437MHz	47	11.75
2457MHz	33	8.25
2462MHz	31	7.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-
2422MHz	30	7.5
2437MHz	39	9.75

For 4T4S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-
2412MHz	57	14.25
2417MHz	64	16
2437MHz	76	19
2457MHz	63	15.75
2462MHz	54	13.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-
2422MHz	52	13
2437MHz	55	13.75
2452MHz	50	12.5

For Antenna 2 / Beam width 70/70:
For 1T1S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-
2412MHz	86	21.5
2437MHz	93	23.25
2462MHz	84	21
802.11g_Nss1,(6Mbps)_1TX	-	-
2412MHz	64	16
2417MHz	76	19
2437MHz	87	21.75
2457MHz	74	18.5
2462MHz	64	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-
2412MHz	64	16
2417MHz	72	18
2437MHz	85	21.25
2457MHz	68	17
2462MHz	57	14.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-
2422MHz	63	15.75
2437MHz	67	16.75
2452MHz	62	15.5

For 2T2S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-
2412MHz	63	15.75
2417MHz	68	17
2437MHz	81	20.25
2457MHz	66	16.5
2462MHz	60	15
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-
2422MHz	54	13.5
2437MHz	59	14.75
2452MHz	54	13.5

For 4T1S Mode:
For Radiated Emission:

Mode	Radiated Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	100
2437MHz	100
2462MHz	100
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	100
2437MHz	100
2462MHz	100
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	100
2437MHz	100
2462MHz	100
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	100
2437MHz	100
2452MHz	100

For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-
2412MHz	81	20.25
2437MHz	90	22.5
2462MHz	80	20
802.11g_Nss1,(6Mbps)_4TX	-	-
2412MHz	55	13.75
2417MHz	66	16.5
2437MHz	73	18.25
2457MHz	64	16
2462MHz	54	13.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-
2412MHz	53	13.25
2417MHz	61	15.25
2437MHz	71	17.75
2457MHz	56	14
2462MHz	47	11.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-
2422MHz	54	13.5
2437MHz	57	14.25
2452MHz	53	13.25
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-
2412MHz	36	9
2437MHz	48	12
2457MHz	35	8.75
2462MHz	31	7.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-
2422MHz	31	7.75
2437MHz	41	10.25
2452MHz	34	8.5

For 4T4S Mode:
For Conducted measurement and Band Edge Emission test:

Mode	PowerSetting	PowerSetting (dBm)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-
2412MHz	57	14.25
2417MHz	64	16
2437MHz	78	19.5
2457MHz	63	15.75
2462MHz	57	14.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-
2422MHz	51	12.75
2437MHz	54	13.5
2452MHz	47	11.75

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								
Operating Mode	Normal Link								
	Radio 1 with 2.4GHz function	Radio 1 with 5GHz function	Radio 2 with 5GHz function	Radio 3 with Bluetooth	Radio 3 with Thread	EUT GE1	EUT GE2	PoE connect with EUT GE1	PoE connect with EUT GE2
1	● (Ant.1)	-	● (Ant.1)	● (Ant.3)	-	●	●	●	-
2	● (Ant.2)	-	● (Ant.2)	● (Ant.3)	-	●	●	●	-
3	-	● (Ant.1)	● (Ant.1)	● (Ant.3)	-	●	●	●	-
4	-	● (Ant.2)	● (Ant.2)	● (Ant.3)	-	●	●	●	-
Mode 2 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~6 of Thread function will follow this same test mode.									
5	● (Ant.2)	-	● (Ant.2)	-	● (Ant.3)	●	●	●	-
6	-	● (Ant.2)	● (Ant.2)	-	● (Ant.3)	●	●	●	-
Mode 2 has been evaluated to be the worst case among Mode 1~6, thus measurement for Mode 7 for another PoE port will follow this same test mode.									
7	● (Ant.2)	-	● (Ant.2)	● (Ant.3)	-	●	●	-	●
Mode 2 generated the worst test result, so it was recorded in this report.									

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 Mode	Refer to note 1 for detail test mode

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	Normal Link								
	Radio 1 with 2.4GHz function	Radio 1 with 5GHz function	Radio 2 with 5GHz function	Radio 3 with Bluetooth	Radio 3 with Thread	EUT GE1	EUT GE2	PoE connect with EUT GE1	PoE connect with EUT GE2
1	● (Ant.1)	-	● (Ant.1)	● (Ant.3)	-	●	●	●	-
2	● (Ant.2)	-	● (Ant.2)	● (Ant.3)	-	●	●	●	-
3	-	● (Ant.1)	● (Ant.1)	● (Ant.3)	-	●	●	●	-
4	-	● (Ant.2)	● (Ant.2)	● (Ant.3)	-	●	●	●	-
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5~6 of Thread function will follow this same test mode.									
5	● (Ant.2)	-	● (Ant.2)	-	● (Ant.3)	●	●	●	-
6	-	● (Ant.2)	● (Ant.2)	-	● (Ant.3)	●	●	●	-
Mode 4 has been evaluated to be the worst case among Mode 1~6, thus measurement for Mode 7 for another PoE port will follow this same test mode.									
7	-	● (Ant.2)	● (Ant.2)	● (Ant.3)	-	●	●	-	●
For operating mode 4 is the worst case and it was record in this test report.									
Operating Mode > 1GHz	CTX								
Test Mode	Refer to note 1 for detail test mode								

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz (Radio 1) + WLAN 5GHz (Radio 2) / Antenna 1
2	WLAN 2.4GHz (Radio 1) + WLAN 5GHz (Radio 2) / Antenna 2
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz (Radio 1) + WLAN 5GHz (Radio 2) + Bluetooth (Radio 3)
2	WLAN 5GHz (Radio 1) + WLAN 5GHz (Radio 2) + Bluetooth (Radio 3)
3	WLAN 2.4GHz (Radio 1) + WLAN 5GHz (Radio 2) + Thread (Radio 3)
4	WLAN 5GHz (Radio 1) + WLAN 5GHz (Radio 2) + Thread (Radio 3)
Refer to Sporton Test Report No.: FA8O1739-09 for Co-location RF Exposure Evaluation.	

Note:
1. Test Mode:

Test Mode											
Test Item	**802.11b**		**802.11g**		**802.11ax HEW20/40**						
	1T1S	**4T1S**	**1T1S**	**4T1S**	**CDD 1T1S**	**SDM 2T2S**	**CDD 4T1S**	**SDM 4T4S**	**TxBF 2T2S**	**TxBF 4T1S**	**TxBF 4T4S**
Maximum Conducted Output Power	V	V	V	V	V	V	V	V	-	V	-
DTS Bandwidth	V	V	V	V	V	V	V	V	-	V	-
Power Spectral Density	V	V	V	V	V	V	V	V	-	V	-
Emissions in Non-restricted Frequency Bands	V	V	V	V	V	V	V	V	-	V	-
Radiated Emission	Cover by CDD 4T1S Max setting	V	Cover by CDD 4T1S Max setting	V	Cover by CDD 4T1S Max setting	Cover by CDD 4T1S Max setting	Max setting	Cover by CDD 4T1S Max setting	-	Cover by CDD 4T1S Max setting	-
Band Edge Emission	V	V	V	V	V	V	V	V	-	V	-

3. 802.11ax modulation and bandwidth are similar for 802.11n mode for 20MHz / 40MHz, therefore investigated worst case to representative mode in test report.
4. The EUT can only be used at Y axis.
5. The PoE is for measurement only, would not be marketed.
   PoE information as below:

Support Unit	Brand	Model
PoE	Microsemi	PD-9001GR/AT/AC

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed " Telnet and LanTest " to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Microsemi	PD-9001GR/AT/AC	N/A
B	GE1 PC	DELL	T3400	N/A
C	GE2 NB	DELL	E6430	N/A
D	WLAN2.4G NB	DELL	E6430	N/A
E	WLAN5G NB	DELL	E6430	N/A
F	802.11ax Access Point (Device)	Extreme Networks	AP505i	QXO-AP505I
G	Device NB	DELL	E6430	N/A

For Radiated (below 1GHz) and Radiated (above 1GHz) Co-location test:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	GE1 PC	DELL	T3400	N/A
B	WLAN2.4G NB	Apple	Mac Book	N/A
C	WLAN5G NB	Apple	Mac Book	N/A
D	Device NB	DELL	E4300	N/A
E	GE2 NB	DELL	E4300	N/A
F	802.11ax Access Point (Device)	Extreme Networks	AP505i	QXO-AP505I
G	PoE	Microsemi	PD-9001GR/AT/AC	N/A

For Radiated (above 1GHz) other test:
For Non-Beamforming Mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
E	PoE	Microsemi	PD-9001GR/AT/AC	N/A

For Beamforming Mode:

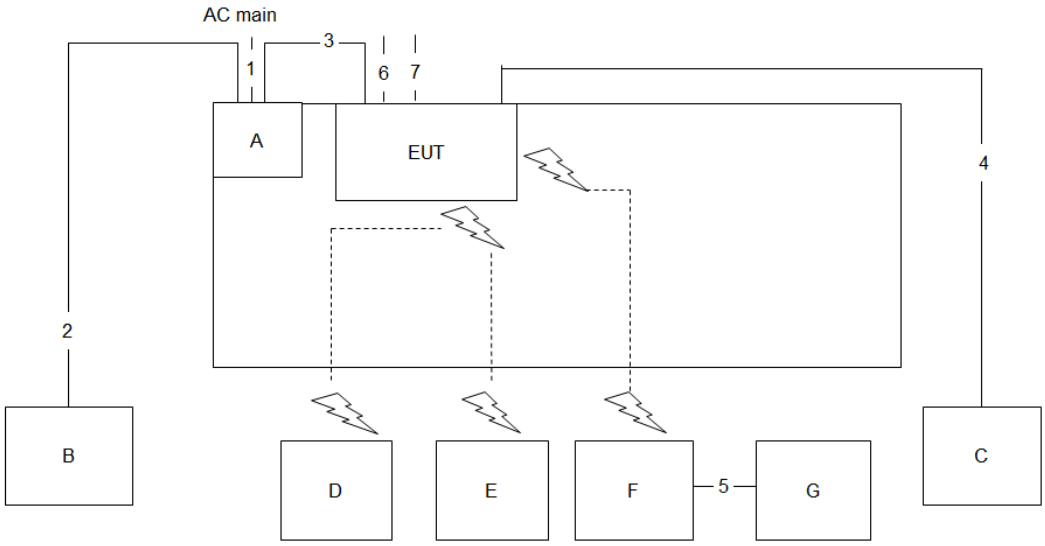
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	WLAN AP	Extreme Networks	AP510i	QXO-AP510I
C	Notebook	DELL	E4300	N/A
E	PoE	Microsemi	PD-9001GR/AT/AC	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	NA
B	PoE	Microsemi	PD-9001GR/AT/AC	N/A

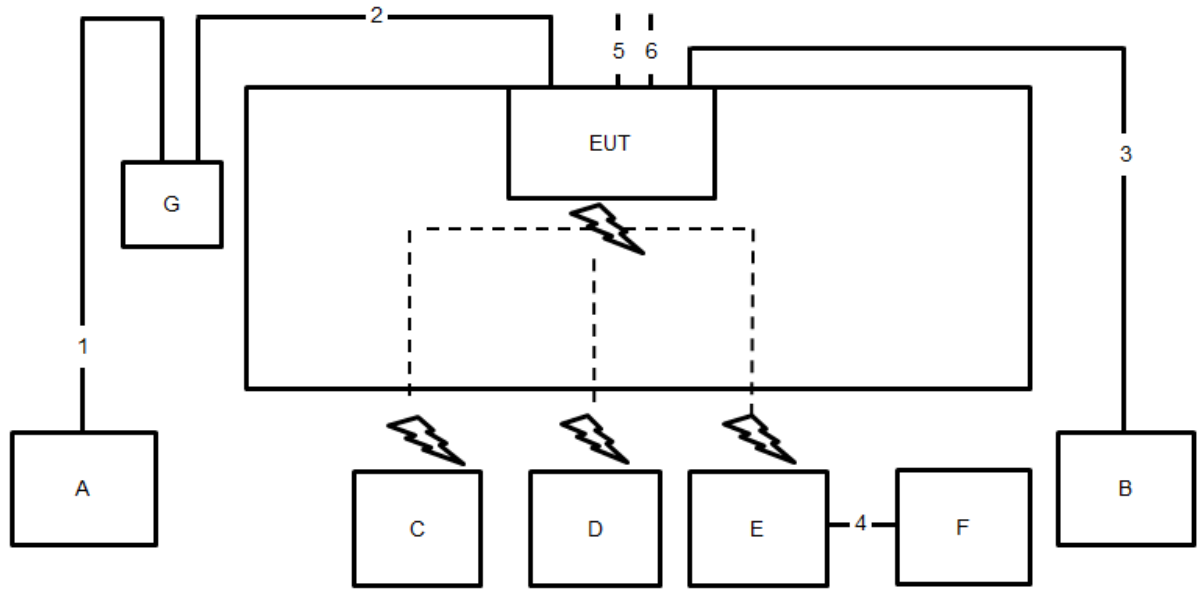
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



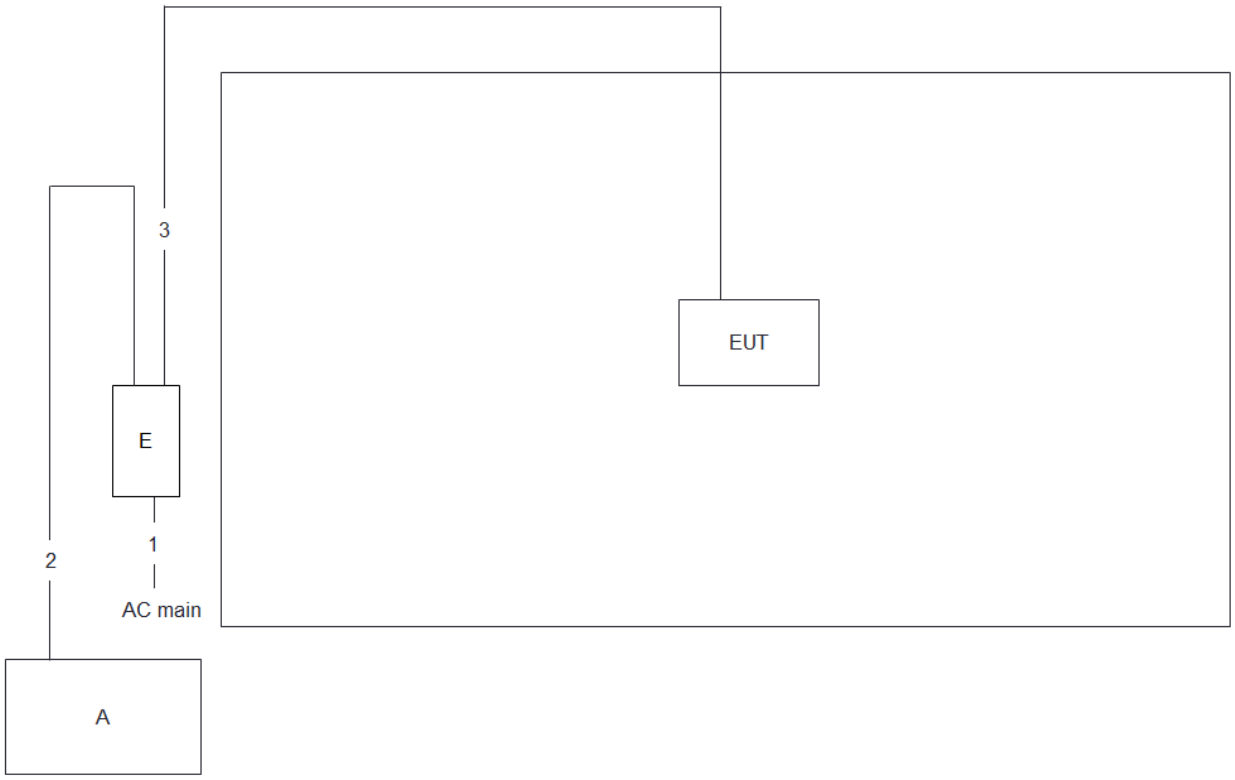
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1m
6	Console cable	No	1.8m
7	Ground cable	No	1.3m

Test Setup Diagram - Radiated Test < 1GHz



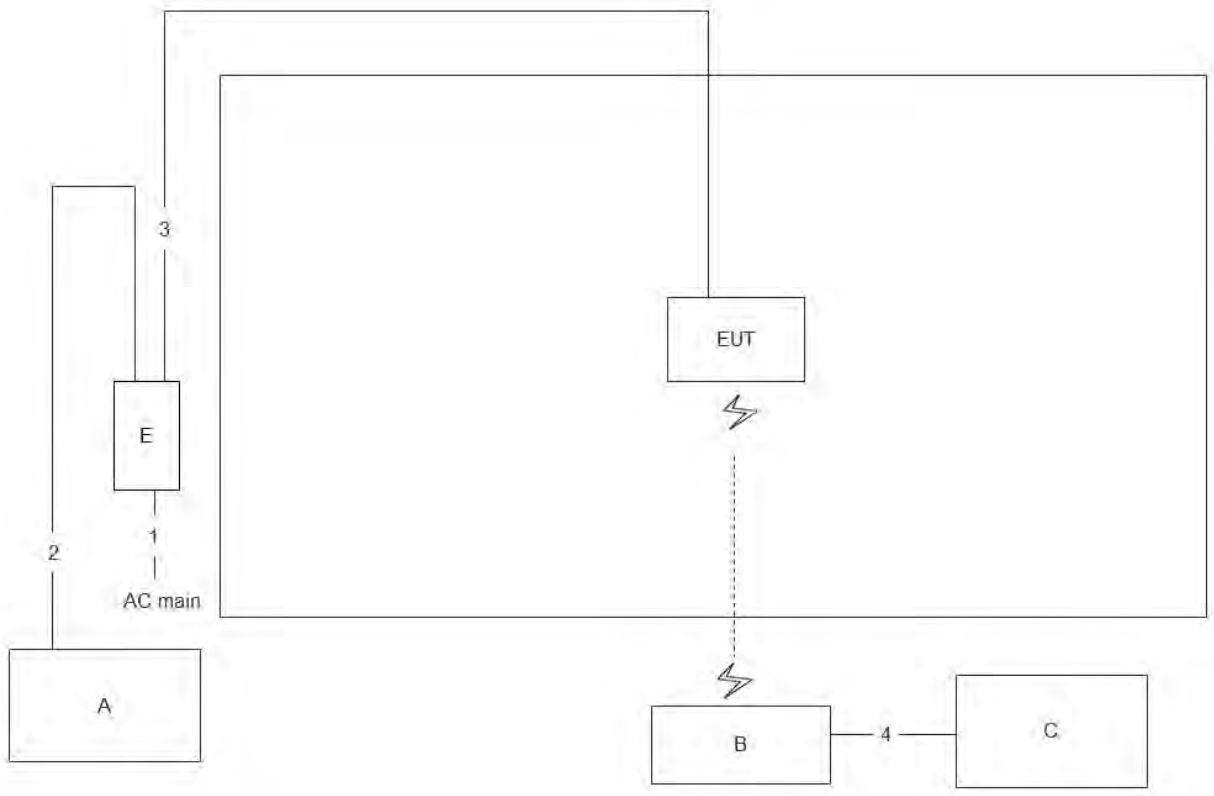
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	Console cable	No	1.5m
6	Ground cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz / Non-Beamforming Mode



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / Beamforming Mode



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

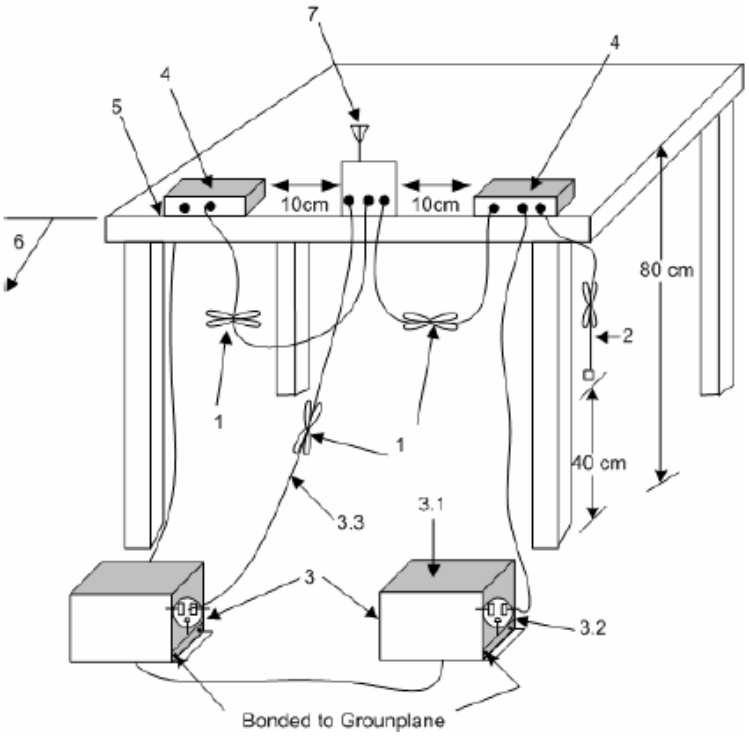
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

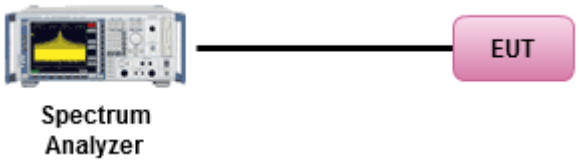
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit		
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)	
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm	
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
	▪ Smart antenna system (SAS):	
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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.

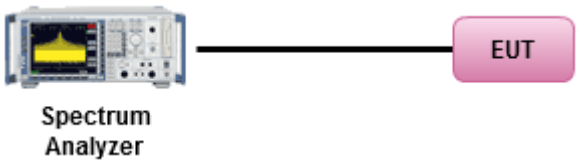
3.4.3 Test Procedures

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD.
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPSD-1.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPSD-2.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPSD-3.
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPSD-1A. (alternative).
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-2A. (alternative)
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.8 Method AVGPSD-3A. (alternative)
▪ For conducted measurement.	
	▪ If The EUT supports multiple transmit chains using options given below:
	☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,

		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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 (dBc)**
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 PSD 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 PSD level.	

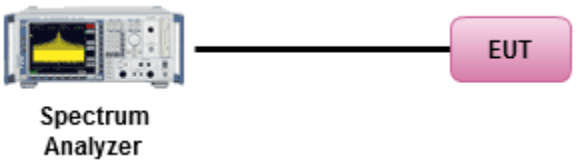
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted 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.

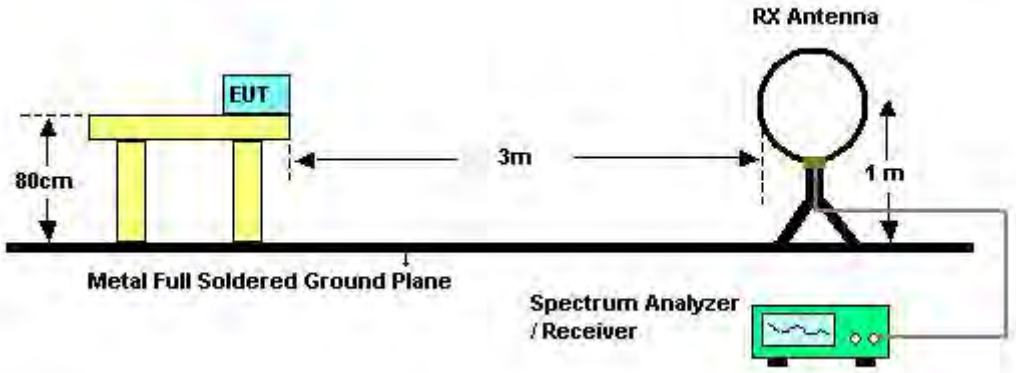
3.6.3 Test Procedures

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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, 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 FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.	
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).	
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB	
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.	

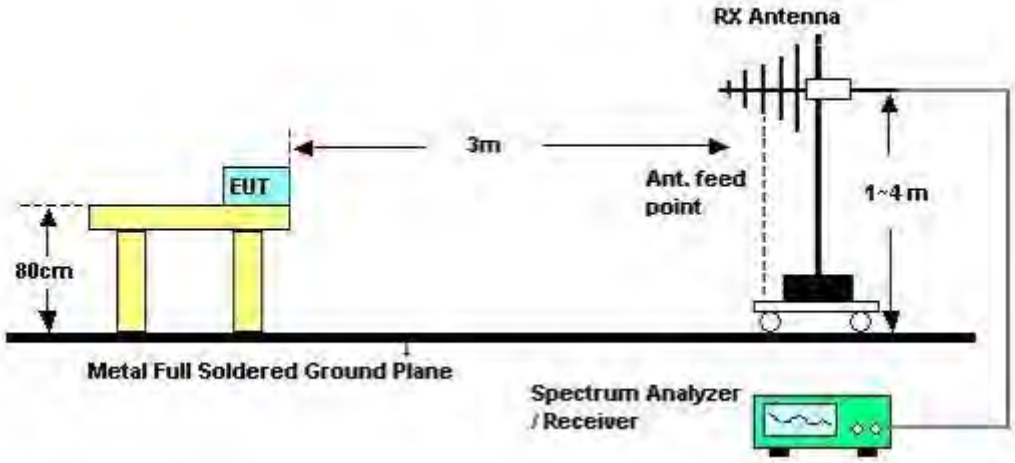
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

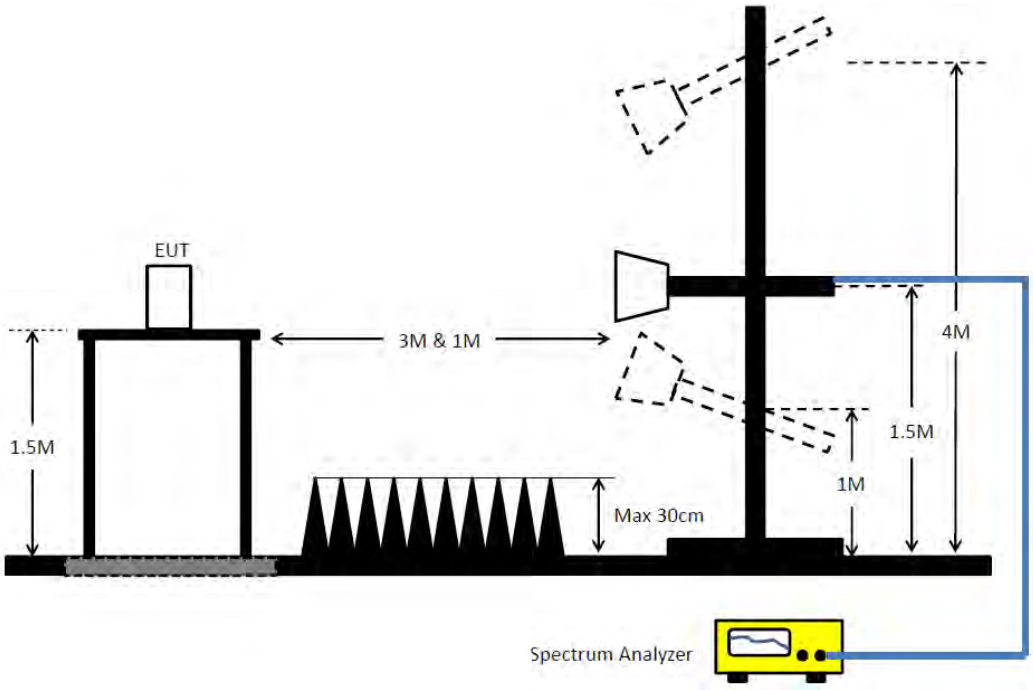
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Emissions in Restricted Frequency Bands (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

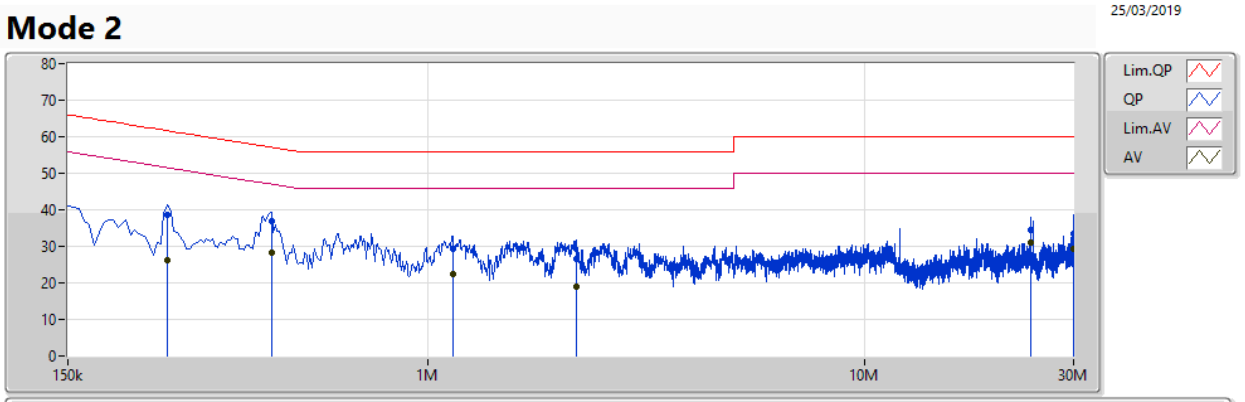
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	150kHz ~ 30MHz	May 22, 2018	May 21, 2019	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 15, 2019	Mar. 14, 2020	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

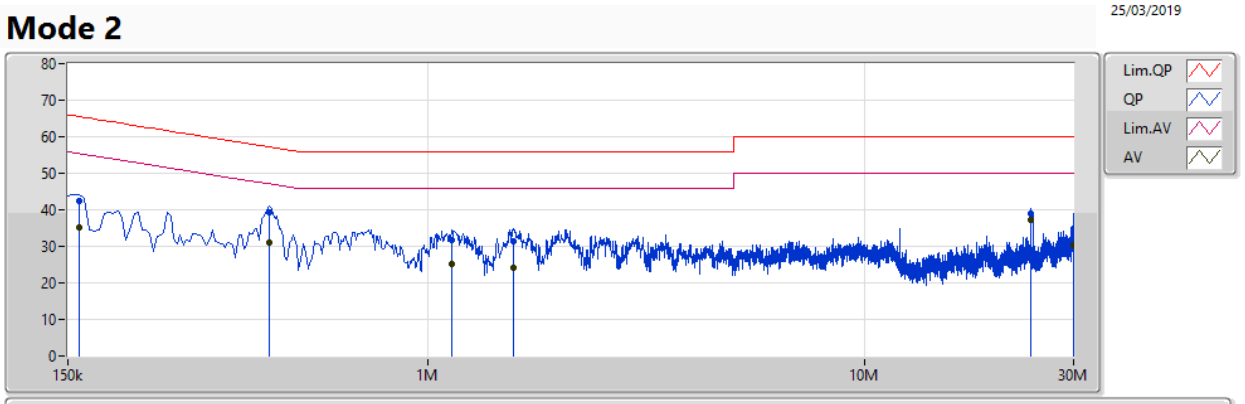
NCR means Non-Calibration required.

Test Mode	Mode 2	**Frequency Range**	0.15 MHz to 30 MHz



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	253.5k	38.46	61.64	-23.18	9.99	Line	-	28.47	0.06	0.13	9.80
AV	253.5k	26.10	51.64	-25.54	9.99	Line	-	16.11	0.06	0.13	9.80
QP	438k	37.00	57.11	-20.11	10.00	Line	-	27.00	0.06	0.13	9.81
AV	438k	28.25	47.11	-18.86	10.00	Line	"Worst"	18.25	0.06	0.13	9.81
QP	1.14M	29.41	56.00	-26.59	10.09	Line	-	19.32	0.07	0.20	9.82
AV	1.14M	22.25	46.00	-23.75	10.09	Line	-	12.16	0.07	0.20	9.82
QP	2.18M	26.67	56.00	-29.33	10.14	Line	-	16.53	0.09	0.22	9.83
AV	2.18M	18.91	46.00	-27.09	10.14	Line	-	8.77	0.09	0.22	9.83
QP	24.009M	34.36	60.00	-25.64	10.59	Line	-	23.77	0.32	0.26	10.01
AV	24.009M	30.93	50.00	-19.07	10.59	Line	-	20.34	0.32	0.26	10.01
QP	30M	33.55	60.00	-26.45	10.70	Line	-	22.85	0.36	0.29	10.05
AV	30M	29.32	50.00	-20.68	10.70	Line	-	18.62	0.36	0.29	10.05

Test Mode	Mode 2	**Frequency Range**	0.15 MHz to 30 MHz



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	42.25	65.52	-23.27	9.99	Neutral	-	32.26	0.04	0.16	9.79
AV	159k	35.11	55.52	-20.41	9.99	Neutral	-	25.12	0.04	0.16	9.79
QP	433.5k	39.23	57.19	-17.96	9.98	Neutral	-	29.25	0.04	0.13	9.81
AV	433.5k	30.91	47.19	-16.28	9.98	Neutral	-	20.93	0.04	0.13	9.81
QP	1.131M	31.73	56.00	-24.27	10.08	Neutral	-	21.65	0.06	0.20	9.82
AV	1.131M	25.11	46.00	-20.89	10.08	Neutral	-	15.03	0.06	0.20	9.82
QP	1.568M	31.42	56.00	-24.58	10.12	Neutral	-	21.30	0.07	0.22	9.83
AV	1.568M	24.07	46.00	-21.93	10.12	Neutral	-	13.95	0.07	0.22	9.83
QP	24.005M	39.04	60.00	-20.96	10.58	Neutral	-	28.46	0.31	0.26	10.01
AV	24.005M	37.10	50.00	-12.90	10.58	Neutral	"Worst"	26.52	0.31	0.26	10.01
QP	30M	34.80	60.00	-25.20	10.72	Neutral	-	24.08	0.38	0.29	10.05
AV	30M	30.21	50.00	-19.79	10.72	Neutral	-	19.49	0.38	0.29	10.05

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	7.025M	15.292M	15M3G1D	6.575M	11.819M
802.11g_Nss1,(6Mbps)_1TX	16.35M	24.963M	25M0D1D	16.3M	16.567M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.95M	24.463M	24M5D1D	18.875M	18.916M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.55M	37.581M	37M6D1D	37.25M	37.481M

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

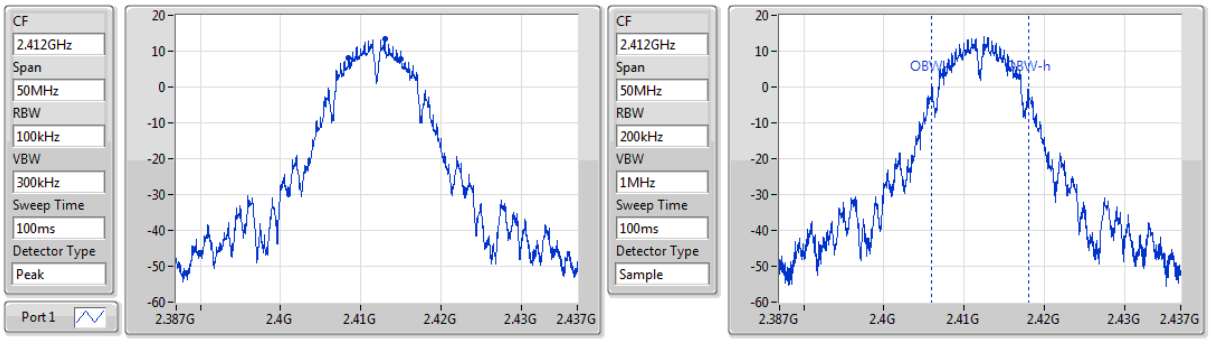
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	6.575M	12.069M
2437MHz	Pass	500k	7.025M	15.292M
2462MHz	Pass	500k	7M	11.819M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.35M	16.617M
2437MHz	Pass	500k	16.3M	24.963M
2462MHz	Pass	500k	16.325M	16.567M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.95M	18.916M
2437MHz	Pass	500k	18.875M	24.463M
2462MHz	Pass	500k	18.95M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	37.55M	37.531M
2437MHz	Pass	500k	37.5M	37.581M
2452MHz	Pass	500k	37.25M	37.481M

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

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

2412MHz

27/03/2019

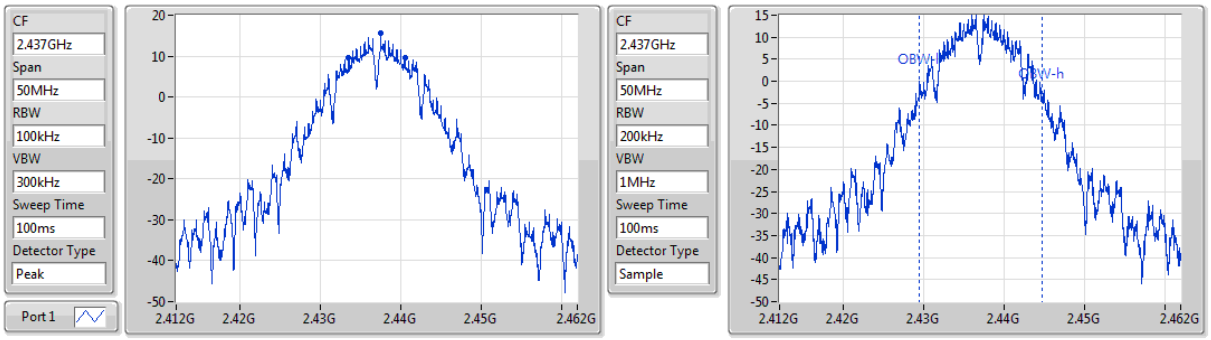


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.575M	2.408475G	2.41505G	12.069M	2.405928G	2.417997G	500k	1

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

2437MHz

27/03/2019

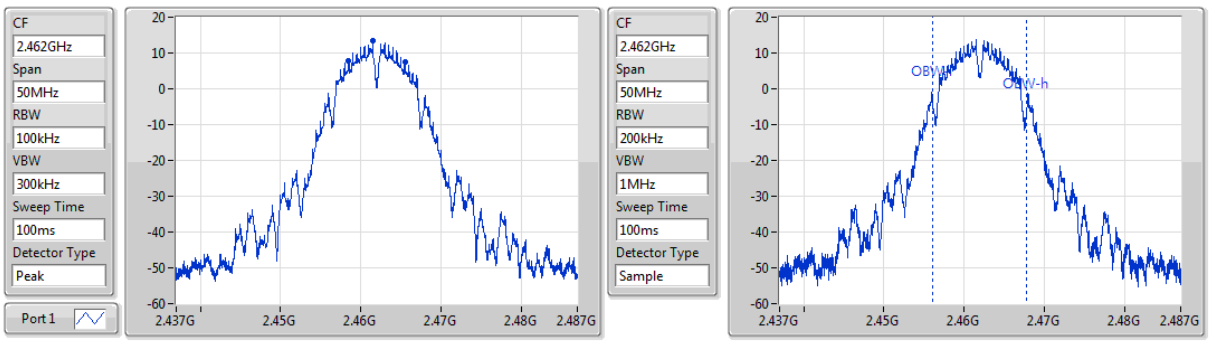


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.4335G	2.440525G	15.292M	2.429429G	2.444721G	500k	1

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

2462MHz

27/03/2019

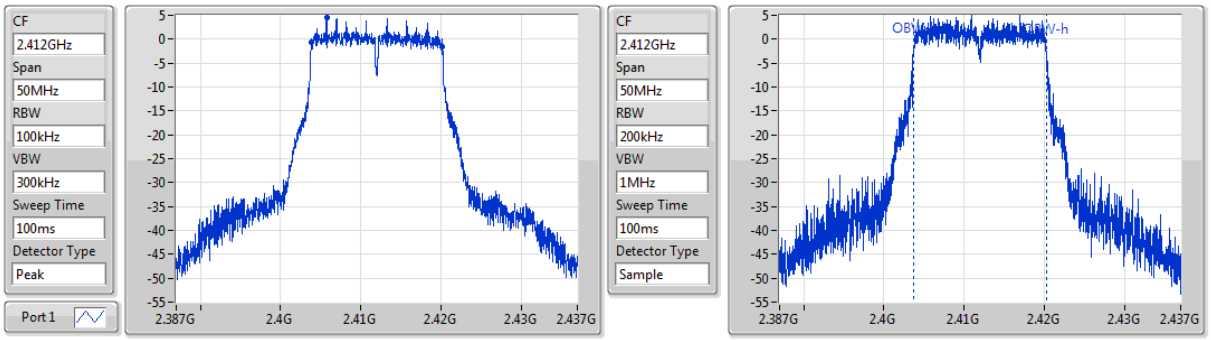


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.4585G	2.4655G	11.819M	2.456028G	2.467847G	500k	1

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

2412MHz

27/03/2019

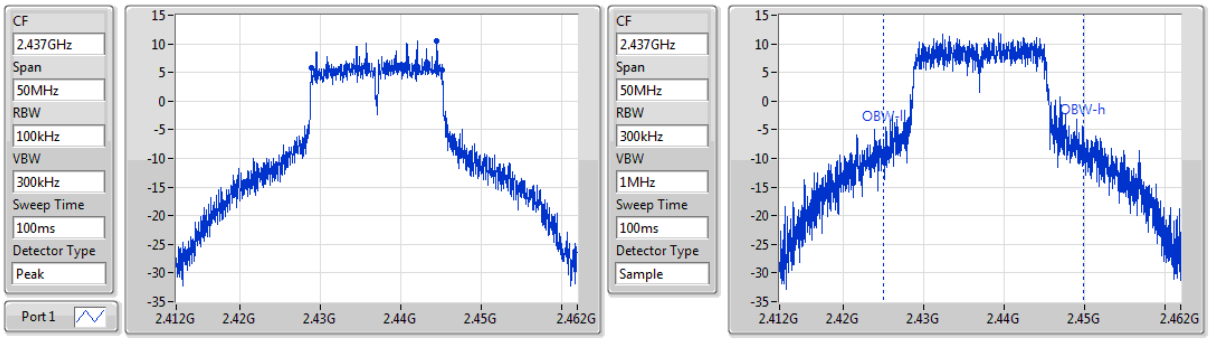


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.403825G	2.420175G	16.617M	2.403679G	2.420296G	500k	1

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

2437MHz

27/03/2019

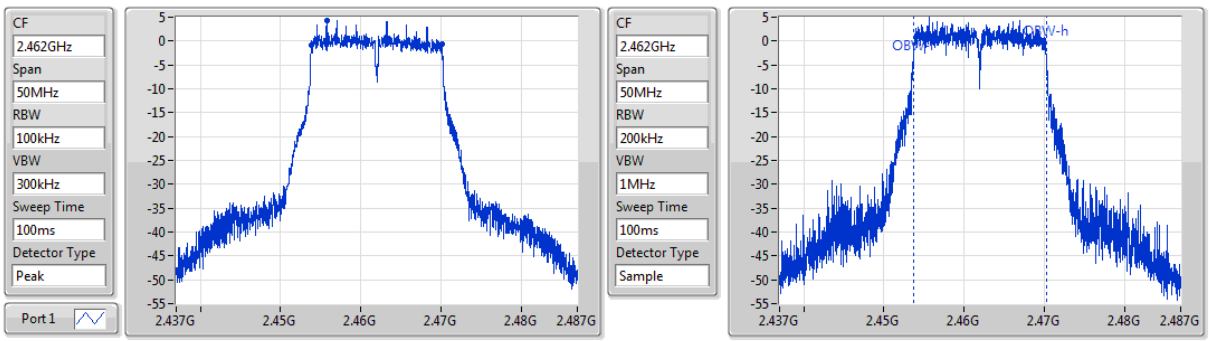


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	24.963M	2.424981G	2.449944G	500k	1

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

2462MHz

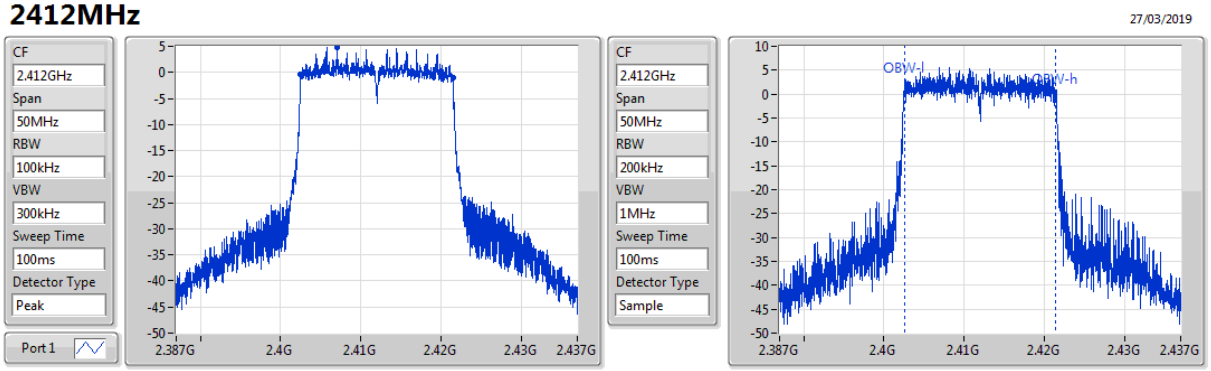
27/03/2019



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	16.567M	2.453679G	2.470246G	500k	1

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

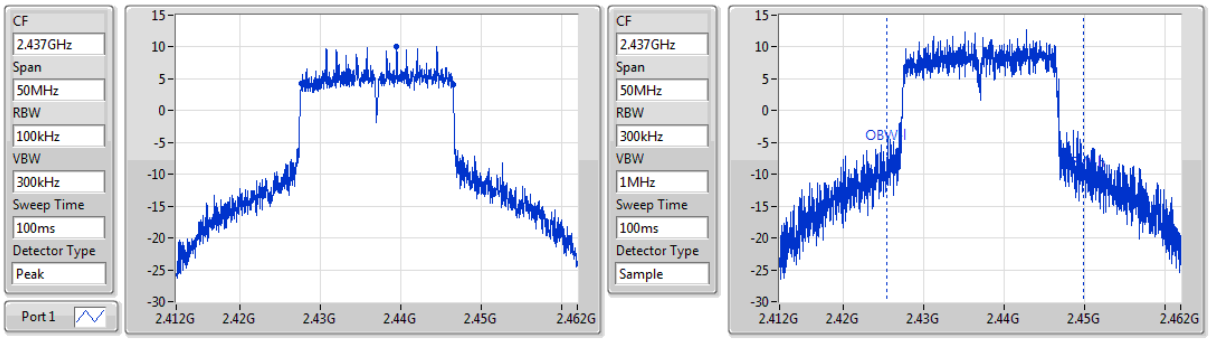
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.402525G	2.421475G	18.916M	2.40253G	2.421445G	500k	1

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

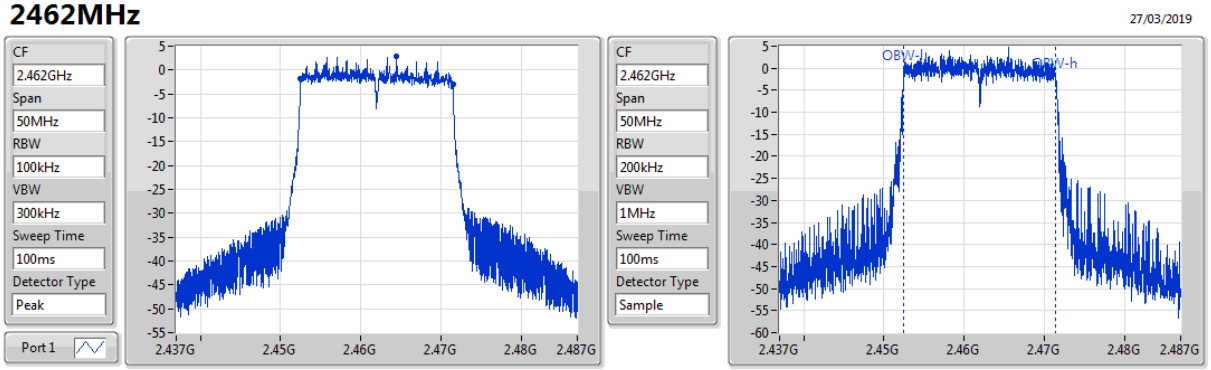
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.427625G	2.4465G	24.463M	2.425381G	2.449844G	500k	1

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

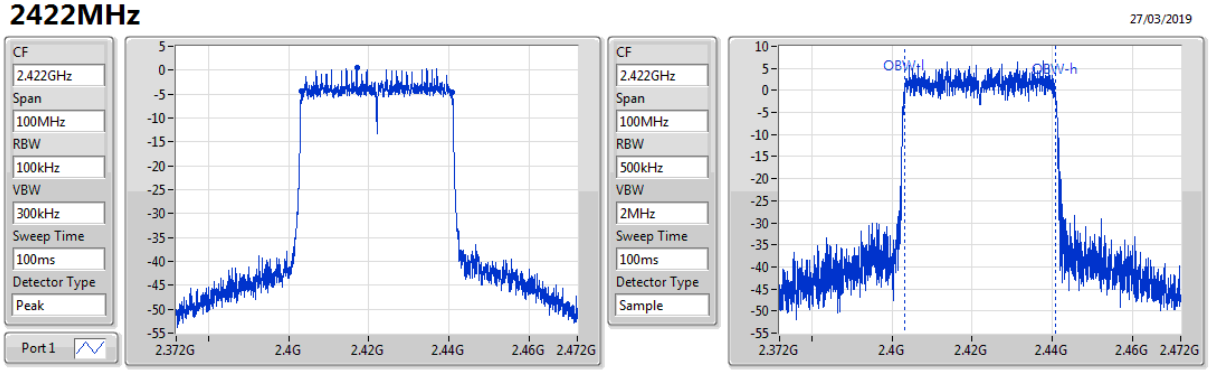
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.452525G	2.471475G	18.966M	2.45248G	2.471445G	500k	1

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

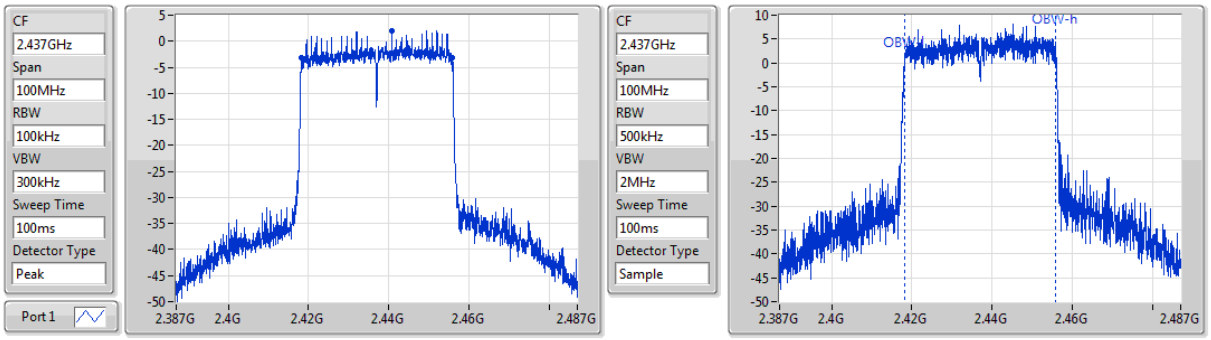
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.531M	2.403209G	2.440741G	500k	1

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

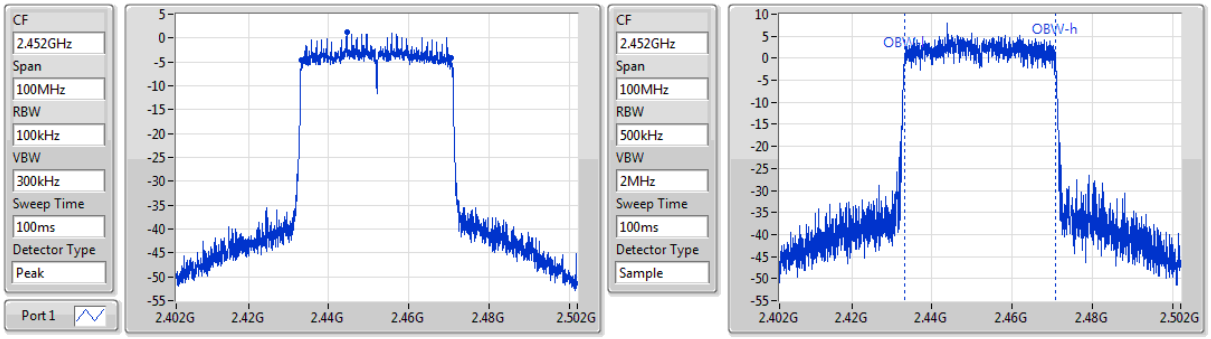
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.41825G	2.45575G	37.581M	2.418259G	2.455841G	500k	1

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

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4332G	2.47045G	37.481M	2.433259G	2.470741G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.975M	19.29M	19M3D1D	18.225M	18.891M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.6M	37.631M	37M6D1D	35.65M	37.331M

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;

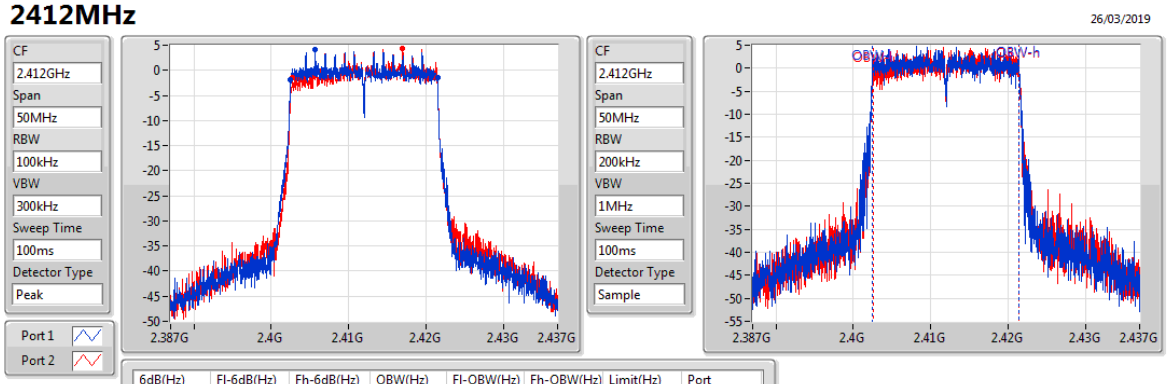
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	18.966M	18.625M	18.891M
2437MHz	Pass	500k	18.825M	19.14M	18.85M	19.29M
2462MHz	Pass	500k	18.975M	18.966M	18.225M	18.916M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.3M	37.581M	35.65M	37.331M
2437MHz	Pass	500k	36.95M	37.531M	37.2M	37.631M
2452MHz	Pass	500k	36.65M	37.481M	37.6M	37.631M

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

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

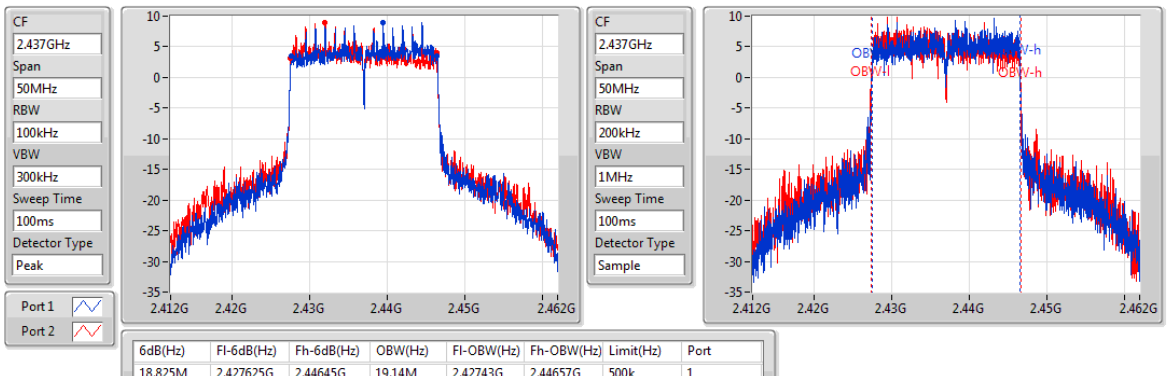
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4025G	2.421475G	18.966M	2.40248G	2.421445G	500k	1
18.625M	2.4028G	2.421425G	18.891M	2.40258G	2.42147G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

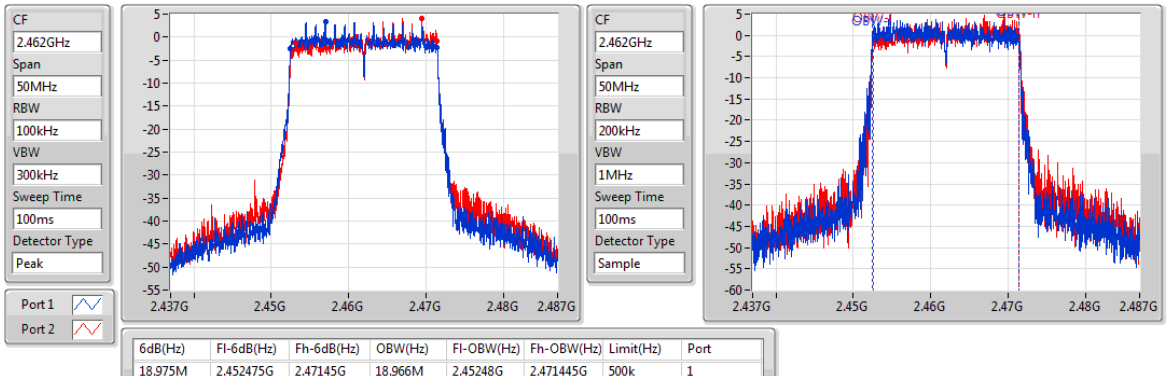
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.427625G	2.44645G	19.14M	2.42743G	2.44657G	500k	1
18.85M	2.427525G	2.446375G	19.29M	2.42733G	2.44662G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

2462MHz

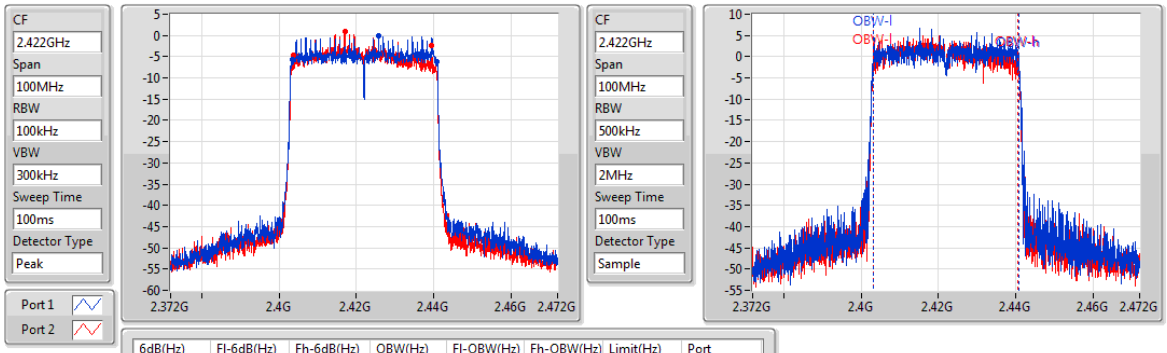


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.452475G	2.47145G	18.966M	2.45248G	2.471445G	500k	1
18.225M	2.453175G	2.4714G	18.916M	2.452555G	2.47147G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

2422MHz

27/03/2019

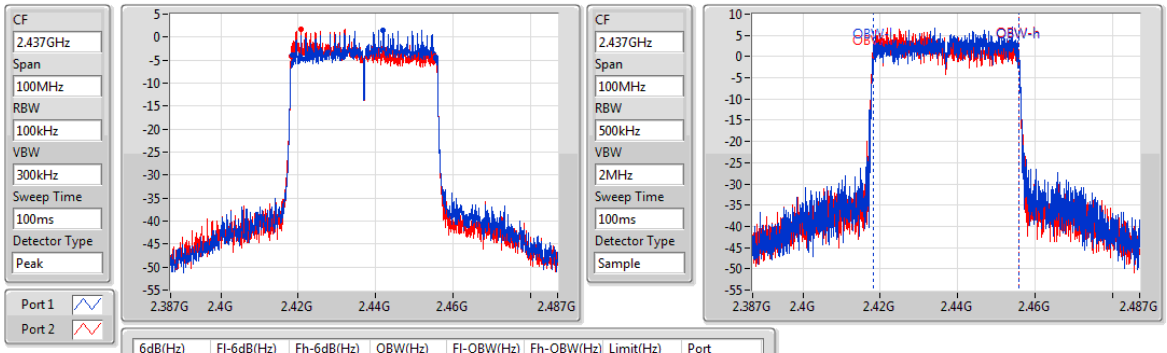


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.4034G	2.4407G	37.581M	2.403159G	2.440741G	500k	1
35.65M	2.40385G	2.4395G	37.331M	2.403259G	2.440591G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

2437MHz

27/03/2019

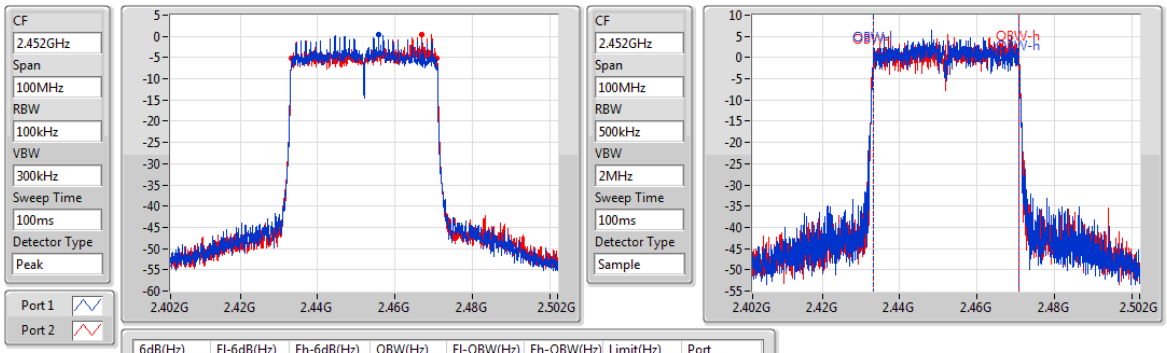


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.95M	2.41855G	2.4555G	37.531M	2.418259G	2.455791G	500k	1
37.2M	2.4181G	2.4553G	37.631M	2.418109G	2.455741G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

2452MHz

27/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.65M	2.43365G	2.4703G	37.481M	2.433209G	2.470691G	500k	1
37.6M	2.4332G	2.4708G	37.631M	2.433209G	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)_4TX	7.55M	12.894M	12M9G1D	6.55M	10.62M
802.11g_Nss1,(6Mbps)_4TX	16.375M	16.692M	16M7D1D	15.925M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.05M	19.065M	19M1D1D	18.75M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.7M	37.731M	37M7D1D	35.25M	37.381M

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

Result

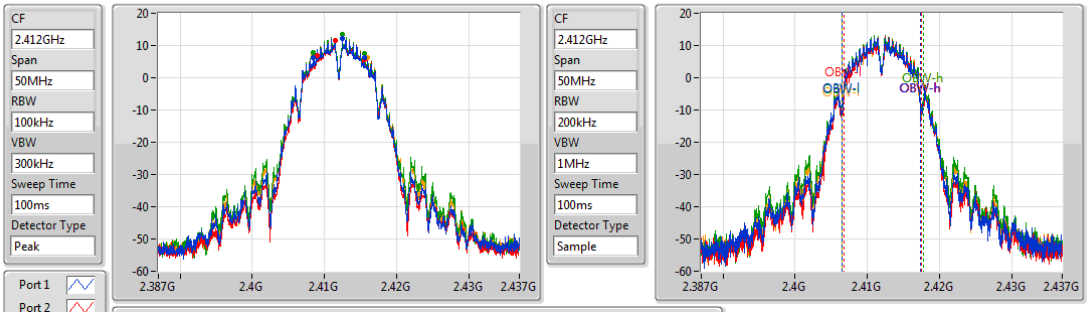
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	10.895M	6.55M	10.62M	7M	11.269M	7.5M	11.394M
2437MHz	Pass	500k	7.5M	12.269M	6.55M	12.294M	7.5M	12.894M	7.525M	12.569M
2462MHz	Pass	500k	7M	10.895M	6.55M	10.995M	7.55M	11.444M	6.975M	11.594M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.617M	16.275M	16.542M	16.3M	16.492M	16.275M	16.492M
2437MHz	Pass	500k	16.325M	16.617M	16.3M	16.617M	16.325M	16.692M	16.325M	16.642M
2462MHz	Pass	500k	16.3M	16.567M	16.325M	16.642M	15.925M	16.542M	16.375M	16.567M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	19M	18.991M	18.925M	18.916M	18.75M	18.891M	18.95M	18.966M
2437MHz	Pass	500k	18.95M	18.991M	18.95M	19.015M	19M	19.065M	19.025M	19.015M
2462MHz	Pass	500k	18.95M	18.991M	18.8M	18.941M	18.775M	18.966M	19.05M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.581M	35.95M	37.381M	35.25M	37.381M	36.75M	37.381M
2437MHz	Pass	500k	37.5M	37.431M	37.4M	37.631M	37.7M	37.731M	36.6M	37.431M
2452MHz	Pass	500k	36.8M	37.531M	37.45M	37.731M	36.35M	37.581M	37.5M	37.681M

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

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

2412MHz

26/03/2019

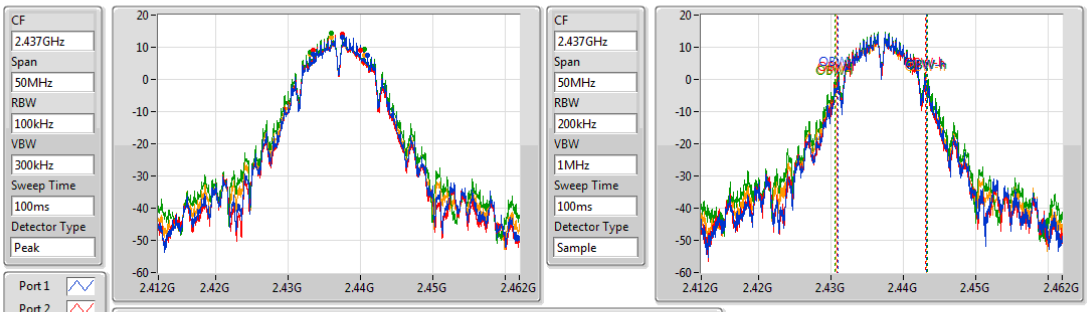


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	10.895M	2.406478G	2.417372G	500k	1
6.55M	2.408975G	2.415525G	10.62M	2.406828G	2.417447G	500k	2
7M	2.4085G	2.4155G	11.269M	2.406503G	2.417772G	500k	3
7.5M	2.408475G	2.415975G	11.394M	2.406453G	2.417847G	500k	4

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

2437MHz

26/03/2019

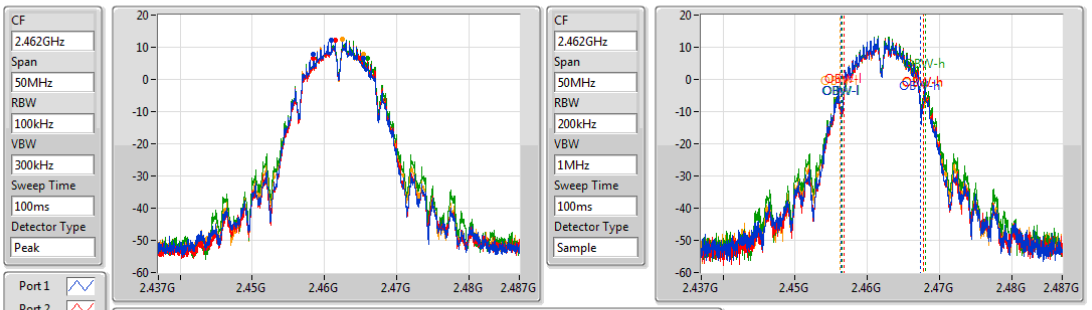


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.5M	2.433475G	2.440975G	12.269M	2.430903G	2.443172G	500k	1
6.55M	2.433475G	2.440025G	12.294M	2.430753G	2.443047G	500k	2
7.5M	2.433G	2.4405G	12.894M	2.430478G	2.443372G	500k	3
7.525M	2.432975G	2.4405G	12.569M	2.430653G	2.443222G	500k	4

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

2462MHz

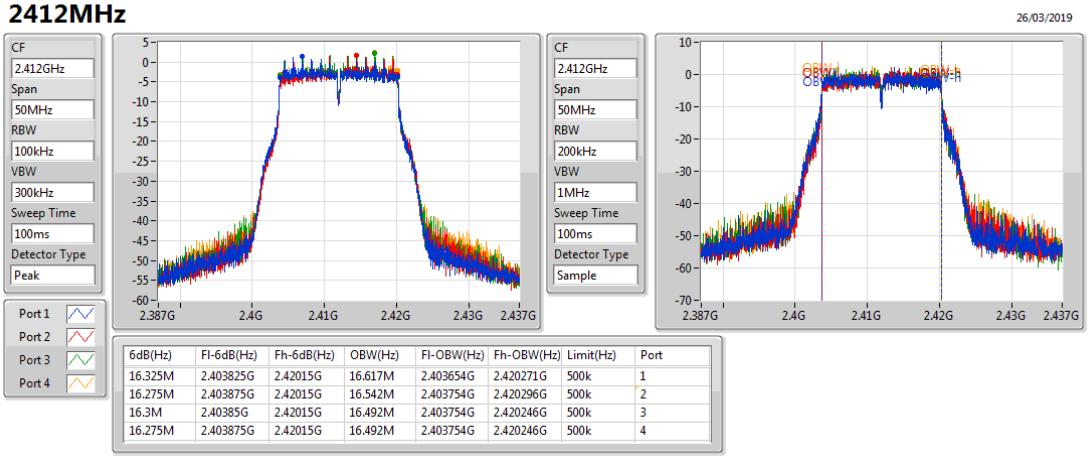
26/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.458475G	2.465475G	10.895M	2.456428G	2.467322G	500k	1
6.55M	2.4585G	2.46505G	10.995M	2.456728G	2.467722G	500k	2
7.55M	2.458475G	2.466025G	11.444M	2.456553G	2.467997G	500k	3
6.975M	2.4585G	2.465475G	11.594M	2.456178G	2.467772G	500k	4

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

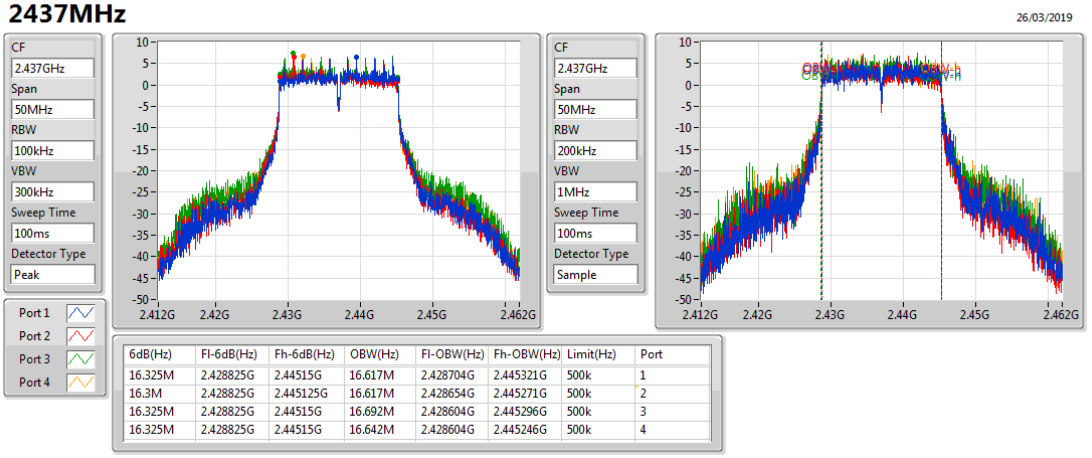
2412MHz



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	16.617M	2.403654G	2.420271G	500k	1
16.275M	2.403875G	2.42015G	16.542M	2.403754G	2.420296G	500k	2
16.3M	2.40385G	2.42015G	16.492M	2.403754G	2.420246G	500k	3
16.275M	2.403875G	2.42015G	16.492M	2.403754G	2.420246G	500k	4

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

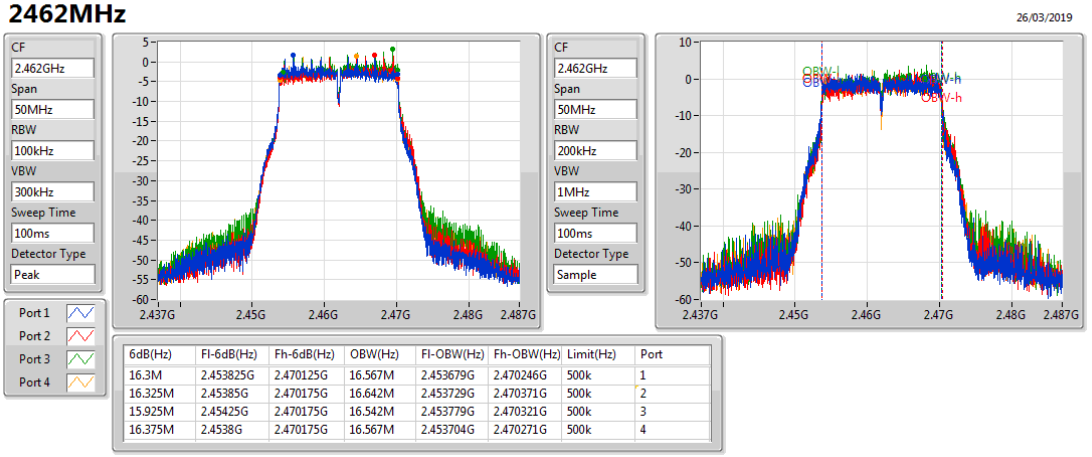
2437MHz



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	16.617M	2.428704G	2.445321G	500k	1
16.3M	2.428825G	2.445125G	16.617M	2.428654G	2.445271G	500k	2
16.325M	2.428825G	2.44515G	16.692M	2.428604G	2.445296G	500k	3
16.325M	2.428825G	2.44515G	16.642M	2.428604G	2.445246G	500k	4

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

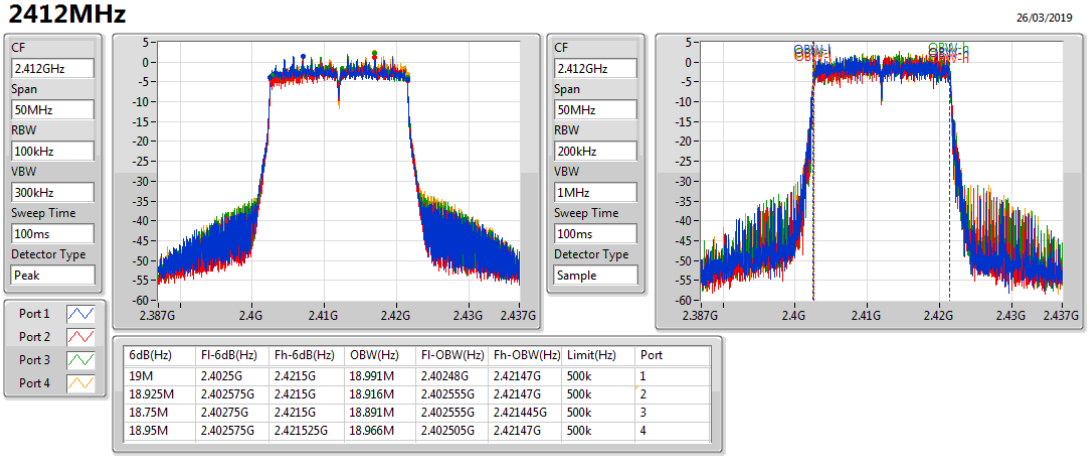
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453825G	2.470125G	16.567M	2.453679G	2.470246G	500k	1
16.325M	2.45385G	2.470175G	16.642M	2.453729G	2.470371G	500k	2
15.925M	2.45425G	2.470175G	16.542M	2.453779G	2.470321G	500k	3
16.375M	2.4538G	2.470175G	16.567M	2.453704G	2.470271G	500k	4

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

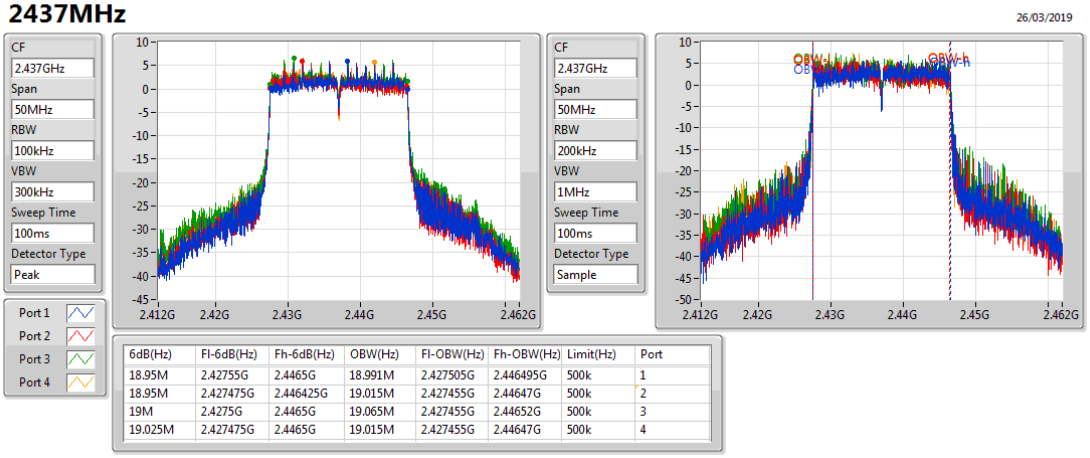
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4025G	2.4215G	18.991M	2.40248G	2.42147G	500k	1
18.925M	2.402575G	2.4215G	18.916M	2.402555G	2.42147G	500k	2
18.75M	2.40275G	2.4215G	18.891M	2.402555G	2.421445G	500k	3
18.95M	2.402575G	2.421525G	18.966M	2.402505G	2.42147G	500k	4

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

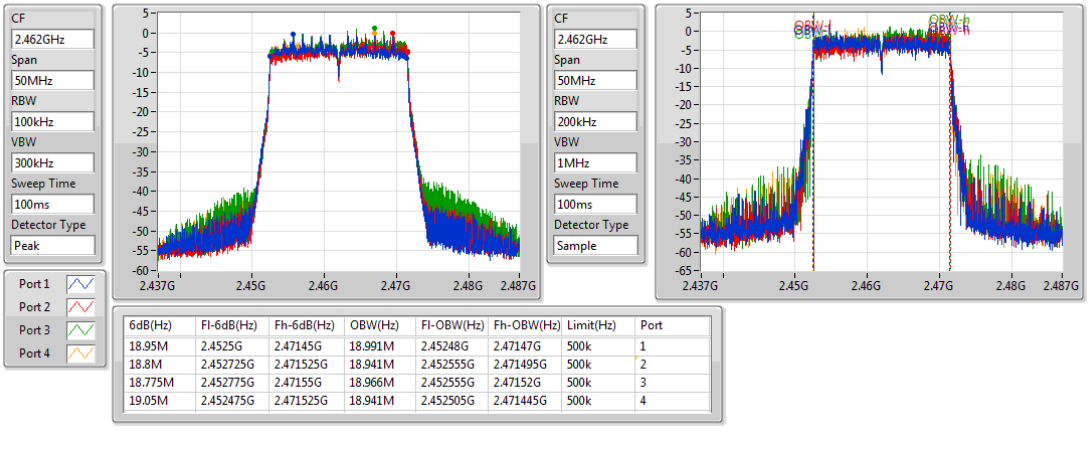
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.42755G	2.4465G	18.991M	2.427505G	2.446495G	500k	1
18.95M	2.427475G	2.446425G	19.015M	2.427455G	2.44647G	500k	2
19M	2.4275G	2.4465G	19.065M	2.427455G	2.44652G	500k	3
19.025M	2.427475G	2.4465G	19.015M	2.427455G	2.44647G	500k	4

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

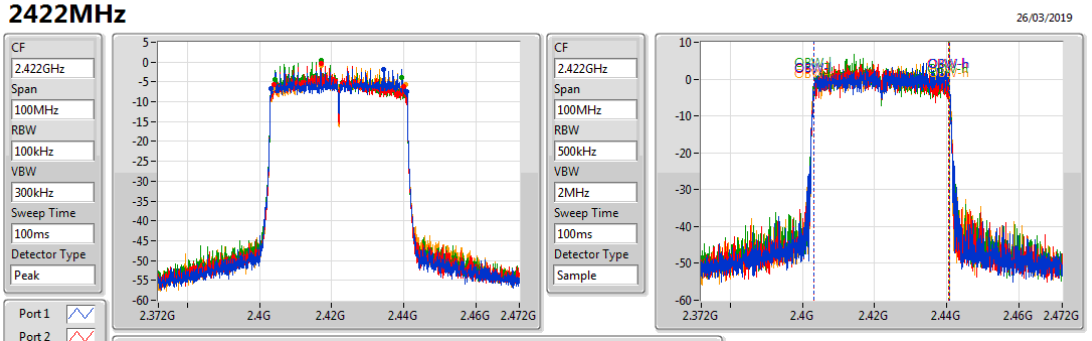
2462MHz



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	18.991M	2.45248G	2.47147G	500k	1
18.8M	2.452725G	2.471525G	18.941M	2.452555G	2.471495G	500k	2
18.775M	2.452775G	2.47155G	18.966M	2.452555G	2.47152G	500k	3
19.05M	2.452475G	2.471525G	18.941M	2.452505G	2.471445G	500k	4

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

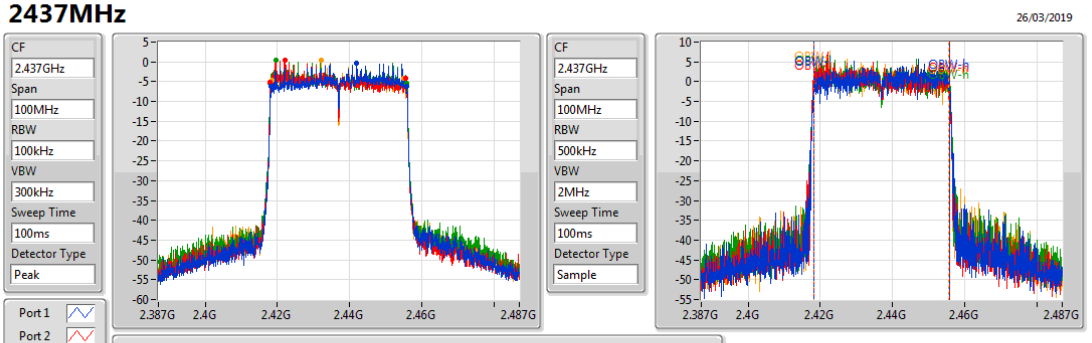
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4032G	2.4408G	37.581M	2.403209G	2.440791G	500k	1
35.95M	2.40415G	2.4401G	37.381M	2.403259G	2.440641G	500k	2
35.25M	2.4042G	2.43945G	37.381M	2.403159G	2.440541G	500k	3
36.75M	2.4037G	2.44045G	37.381M	2.403309G	2.440691G	500k	4

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

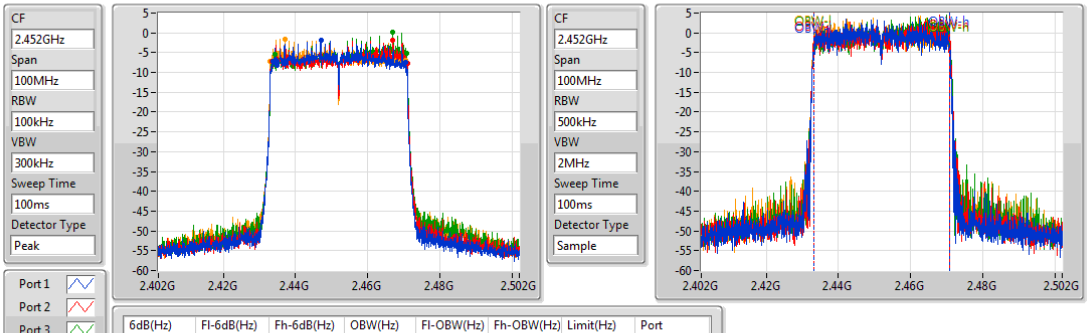
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.41825G	2.45575G	37.431M	2.418259G	2.455691G	500k	1
37.4M	2.41805G	2.45545G	37.631M	2.418059G	2.455691G	500k	2
37.7M	2.418G	2.4557G	37.731M	2.418059G	2.455791G	500k	3
36.6M	2.4185G	2.4551G	37.431M	2.418209G	2.455641G	500k	4

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

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.8M	2.4337G	2.4705G	37.531M	2.433209G	2.470741G	500k	1
37.45M	2.4335G	2.47095G	37.731M	2.433159G	2.470891G	500k	2
36.35M	2.4344G	2.47075G	37.581M	2.433259G	2.470841G	500k	3
37.5M	2.43305G	2.47055G	37.681M	2.433109G	2.470791G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	18.991M	19M0D1D	18.475M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.65M	37.631M	37M6D1D	35.5M	37.281M

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

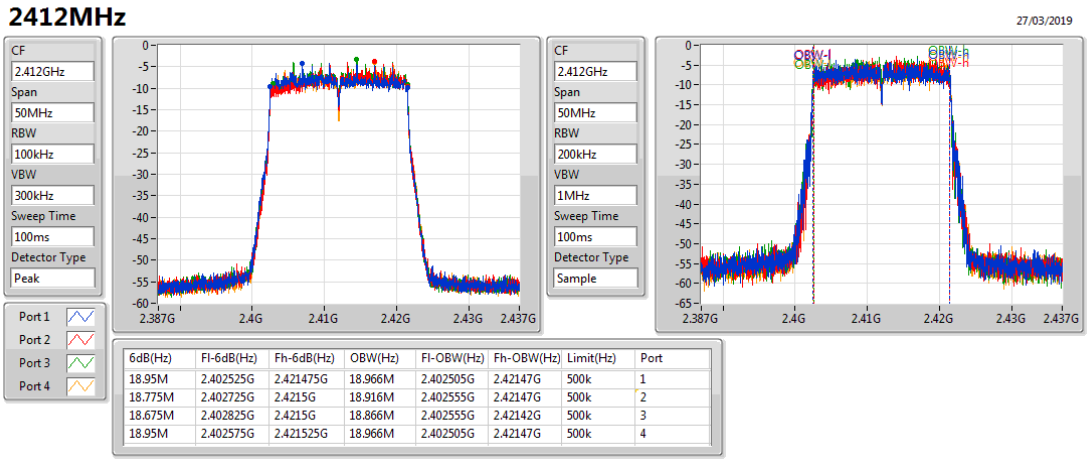
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.95M	18.966M	18.775M	18.916M	18.675M	18.866M	18.95M	18.966M
2437MHz	Pass	500k	18.975M	18.966M	19.05M	18.991M	19.05M	18.991M	18.975M	18.941M
2462MHz	Pass	500k	18.95M	18.966M	18.775M	18.966M	18.475M	18.941M	19.025M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.481M	35.5M	37.281M	35.5M	37.381M	36.65M	37.431M
2437MHz	Pass	500k	37.6M	37.481M	37.2M	37.631M	37.65M	37.631M	37.1M	37.481M
2452MHz	Pass	500k	37.3M	37.481M	37.4M	37.631M	36.7M	37.531M	37.65M	37.581M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

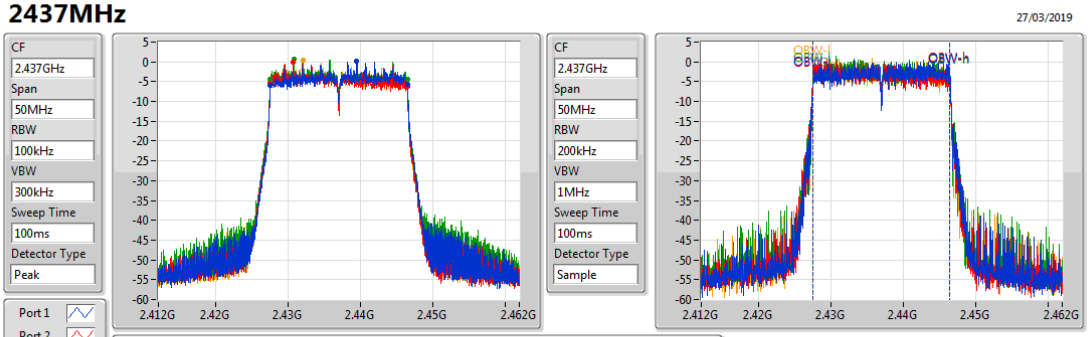
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.402525G	2.421475G	18.966M	2.402505G	2.42147G	500k	1
18.775M	2.402725G	2.4215G	18.916M	2.402555G	2.42147G	500k	2
18.675M	2.402825G	2.4215G	18.866M	2.402555G	2.42142G	500k	3
18.95M	2.402575G	2.421525G	18.966M	2.402505G	2.42147G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

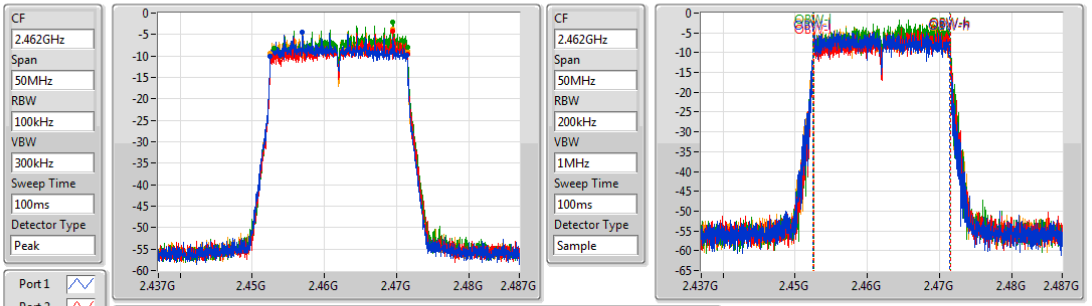
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.427525G	2.4465G	18.966M	2.427505G	2.44647G	500k	1
19.05M	2.427475G	2.446525G	18.991M	2.427455G	2.446445G	500k	2
19.05M	2.427475G	2.446525G	18.991M	2.42748G	2.44647G	500k	3
18.975M	2.4275G	2.446475G	18.941M	2.427505G	2.446445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

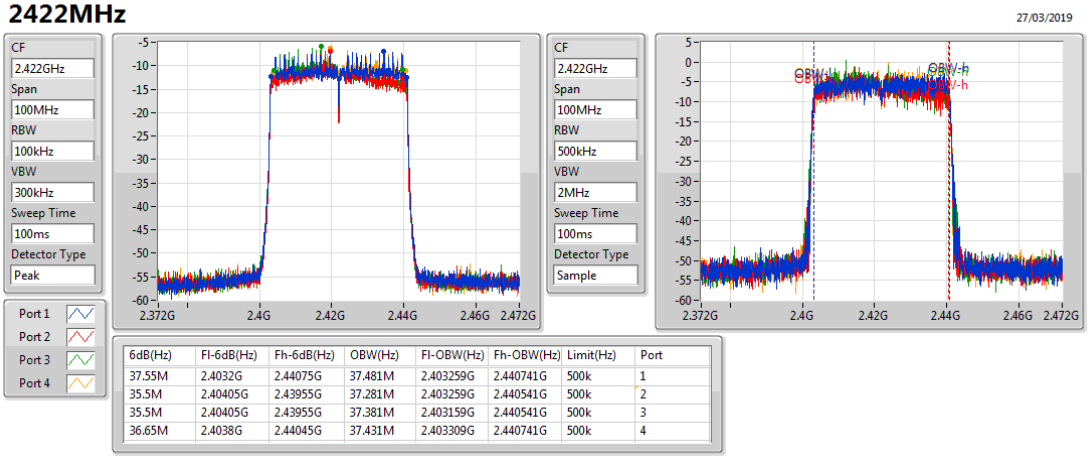
2462MHz



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	18.966M	2.45248G	2.471445G	500k	1
18.775M	2.45275G	2.471525G	18.966M	2.45253G	2.471495G	500k	2
18.475M	2.45305G	2.471525G	18.941M	2.452555G	2.471495G	500k	3
19.025M	2.4525G	2.471525G	18.966M	2.452505G	2.47147G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

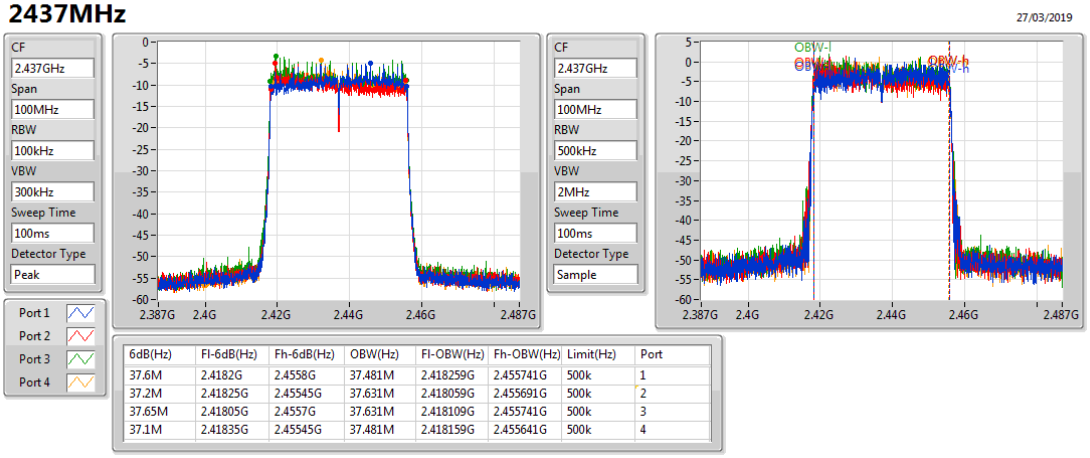
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.481M	2.403259G	2.440741G	500k	1
35.5M	2.40405G	2.43955G	37.281M	2.403259G	2.440541G	500k	2
35.5M	2.40405G	2.43955G	37.381M	2.403159G	2.440541G	500k	3
36.65M	2.4038G	2.44045G	37.431M	2.403309G	2.440741G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

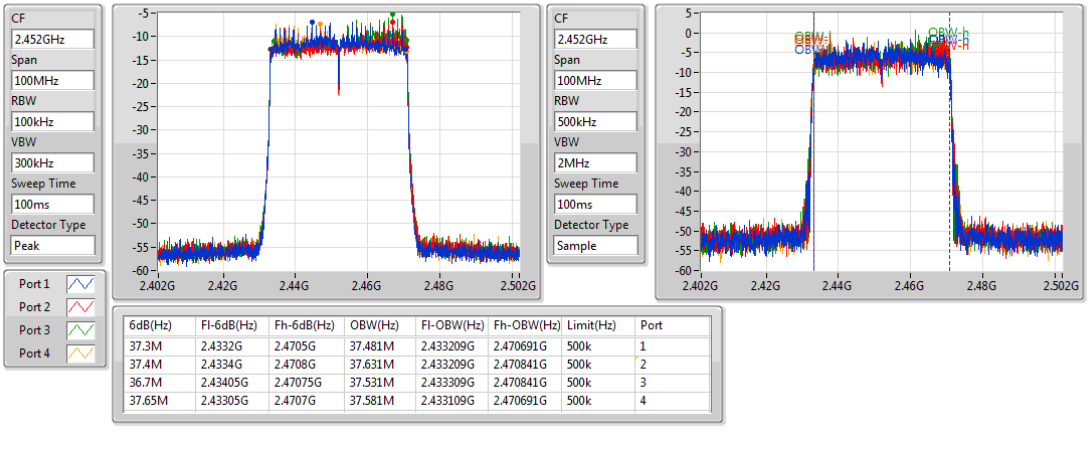
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4182G	2.4558G	37.481M	2.418259G	2.455741G	500k	1
37.2M	2.41825G	2.45545G	37.631M	2.418059G	2.455691G	500k	2
37.65M	2.41805G	2.4557G	37.631M	2.418109G	2.455741G	500k	3
37.1M	2.41835G	2.45545G	37.481M	2.418159G	2.455641G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.4332G	2.4705G	37.481M	2.433209G	2.470691G	500k	1
37.4M	2.4334G	2.4708G	37.631M	2.433209G	2.470841G	500k	2
36.7M	2.43405G	2.47075G	37.531M	2.433309G	2.470841G	500k	3
37.65M	2.43305G	2.4707G	37.581M	2.433109G	2.470691G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	19M	19.065M	19M1D1D	18.175M	18.866M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.7M	37.731M	37M7D1D	35.6M	37.281M

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

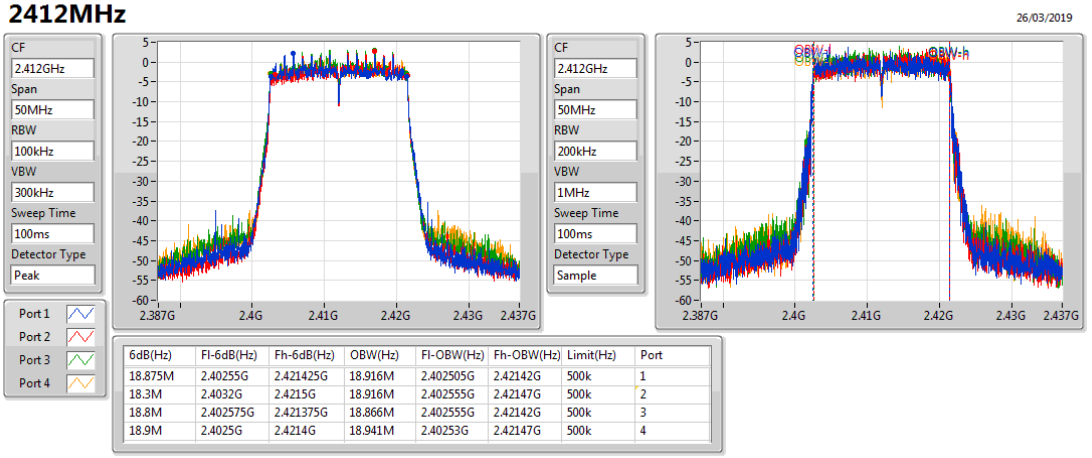
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.875M	18.916M	18.3M	18.916M	18.8M	18.866M	18.9M	18.941M
2437MHz	Pass	500k	18.675M	18.991M	18.475M	18.991M	18.7M	19.065M	18.925M	18.991M
2462MHz	Pass	500k	18.9M	18.966M	18.3M	18.966M	18.175M	18.916M	19M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.7M	37.631M	35.7M	37.331M	35.6M	37.281M	37M	37.581M
2437MHz	Pass	500k	37.7M	37.581M	36.85M	37.581M	37.7M	37.681M	37.1M	37.481M
2452MHz	Pass	500k	36.85M	37.531M	37.1M	37.731M	36.35M	37.581M	37.5M	37.581M

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

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

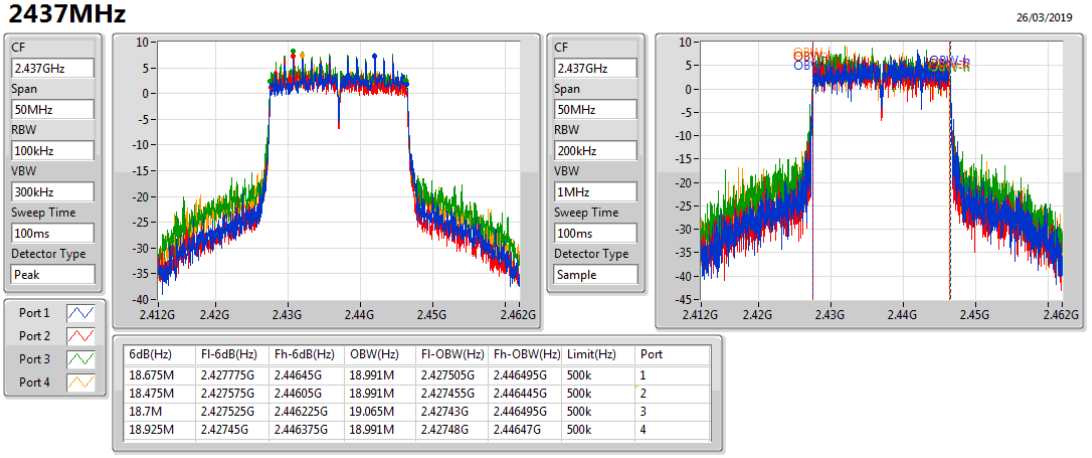
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.40255G	2.421425G	18.916M	2.402505G	2.42142G	500k	1
18.3M	2.4032G	2.4215G	18.916M	2.402555G	2.42147G	500k	2
18.8M	2.402575G	2.421375G	18.866M	2.402555G	2.42142G	500k	3
18.9M	2.4025G	2.4214G	18.941M	2.40253G	2.42147G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

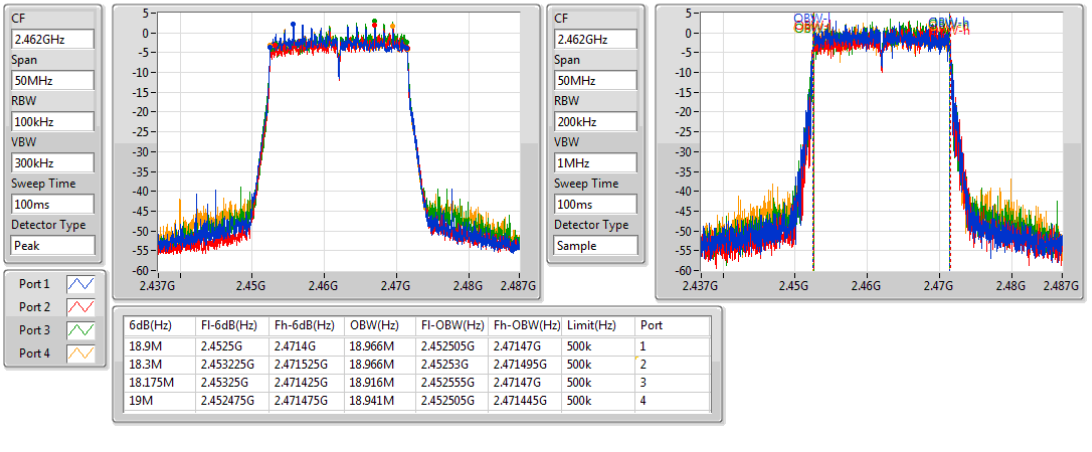
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.675M	2.427775G	2.44645G	18.991M	2.427505G	2.446495G	500k	1
18.475M	2.427575G	2.44605G	18.991M	2.427455G	2.446445G	500k	2
18.7M	2.427525G	2.446225G	19.065M	2.42743G	2.446495G	500k	3
18.925M	2.42745G	2.446375G	18.991M	2.42748G	2.44647G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

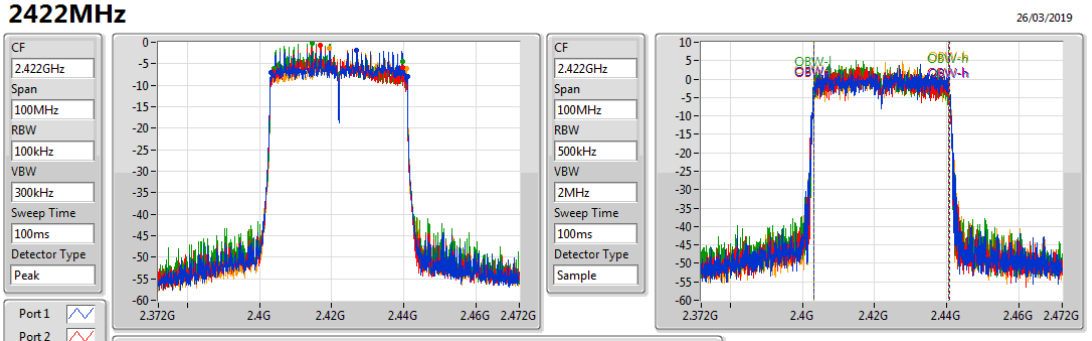
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4525G	2.4714G	18.966M	2.452505G	2.47147G	500k	1
18.3M	2.453225G	2.471525G	18.966M	2.45253G	2.471495G	500k	2
18.175M	2.45325G	2.471425G	18.916M	2.452555G	2.47147G	500k	3
19M	2.452475G	2.471475G	18.941M	2.452505G	2.471445G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

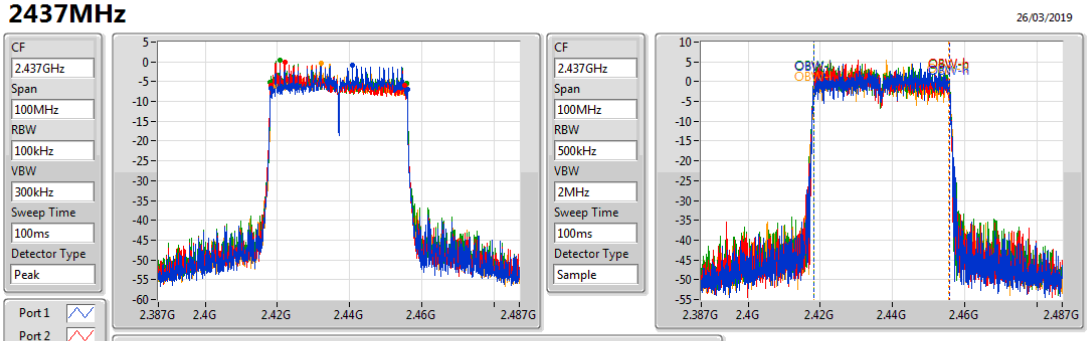
2422MHz



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
35.7M	2.40385G	2.43955G	37.331M	2.403209G	2.440541G	500k	2
35.6M	2.40395G	2.43955G	37.281M	2.403259G	2.440541G	500k	3
37M	2.4037G	2.4407G	37.581M	2.403209G	2.440791G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

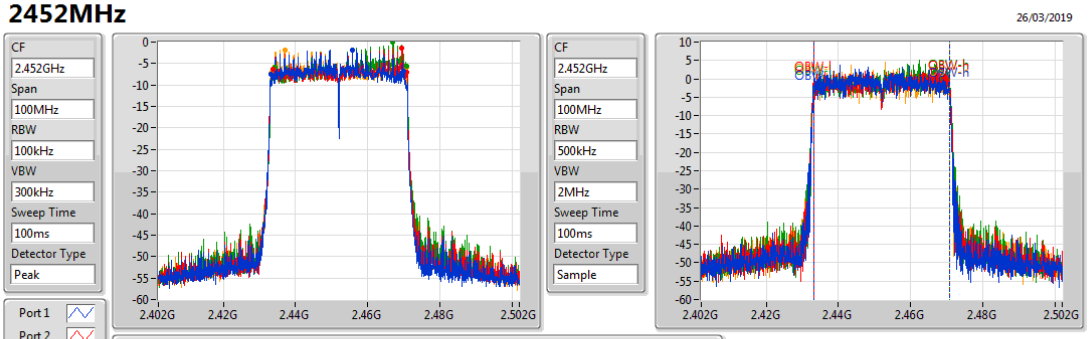
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.41825G	2.45595G	37.581M	2.418159G	2.455741G	500k	1
36.85M	2.4183G	2.45515G	37.581M	2.418109G	2.455691G	500k	2
37.7M	2.41805G	2.45575G	37.681M	2.418109G	2.455791G	500k	3
37.1M	2.41865G	2.45575G	37.481M	2.418159G	2.455641G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.85M	2.43325G	2.4701G	37.531M	2.433159G	2.470691G	500k	1
37.1M	2.4338G	2.4709G	37.731M	2.433109G	2.470841G	500k	2
36.35M	2.4344G	2.47075G	37.581M	2.433309G	2.470891G	500k	3
37.5M	2.43325G	2.47075G	37.581M	2.433159G	2.470741G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	7.05M	14.193M	14M2G1D	6.55M	11.944M
802.11g_Nss1,(6Mbps)_1TX	16.325M	22.564M	22M6D1D	16.3M	16.617M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.925M	20.64M	20M6D1D	18.85M	18.941M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.7M	37.581M	37M6D1D	37.15M	37.531M

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

Result

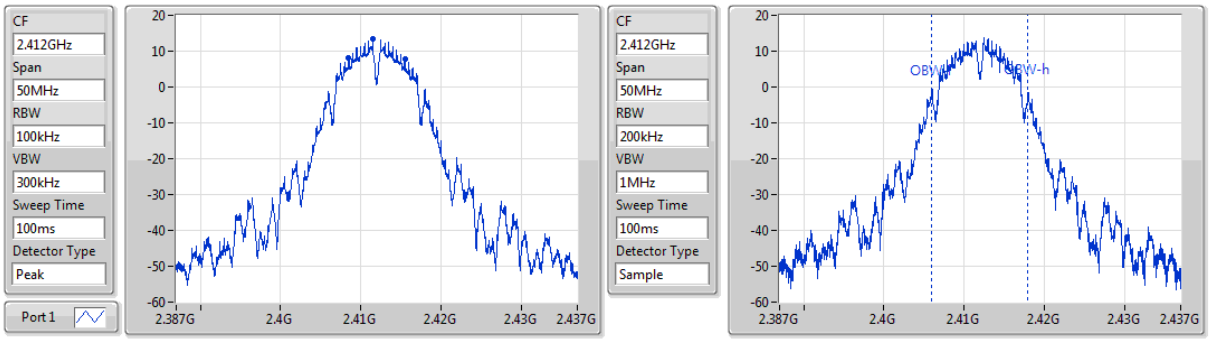
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.05M	11.994M
2437MHz	Pass	500k	6.575M	14.193M
2462MHz	Pass	500k	6.55M	11.944M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.617M
2437MHz	Pass	500k	16.3M	22.564M
2462MHz	Pass	500k	16.325M	16.617M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.925M	18.991M
2437MHz	Pass	500k	18.925M	20.64M
2462MHz	Pass	500k	18.85M	18.941M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	37.7M	37.531M
2437MHz	Pass	500k	37.7M	37.581M
2452MHz	Pass	500k	37.15M	37.531M

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

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

2412MHz

25/03/2019

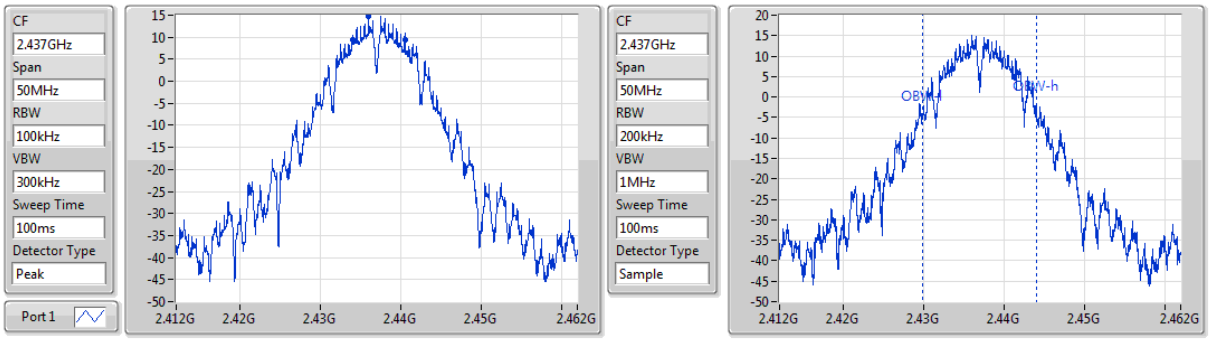


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.408475G	2.415525G	11.994M	2.405953G	2.417947G	500k	1

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

2437MHz

25/03/2019

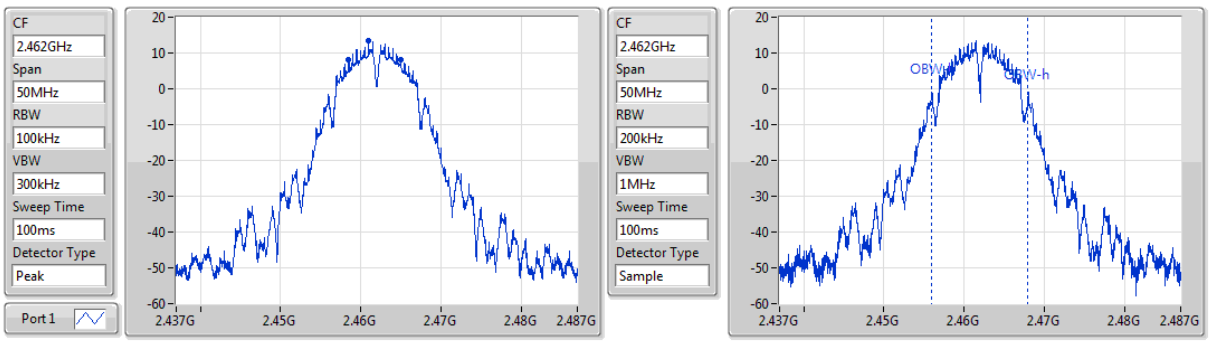


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.575M	2.43395G	2.440525G	14.193M	2.429854G	2.444046G	500k	1

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

2462MHz

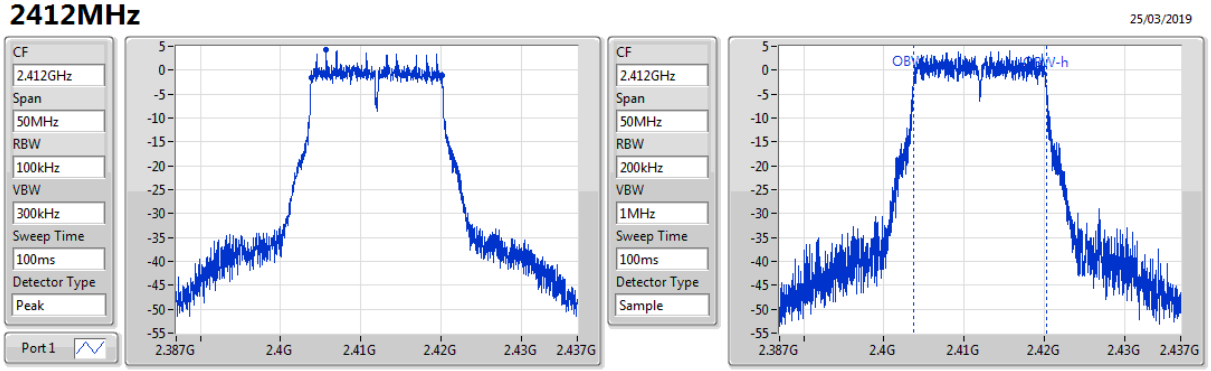
25/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.458475G	2.465025G	11.944M	2.455978G	2.467922G	500k	1

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

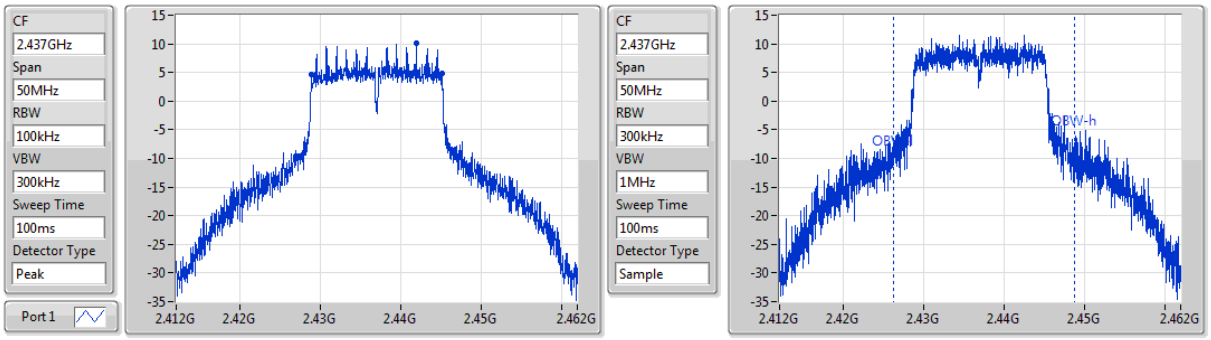
2412MHz



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	16.617M	2.403654G	2.420271G	500k	1

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

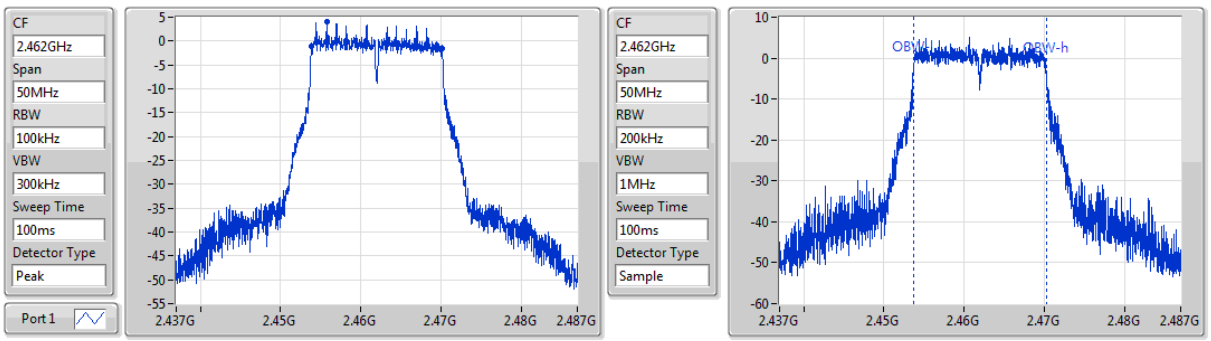
2437MHz



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	22.564M	2.426155G	2.448719G	500k	1

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

2462MHz

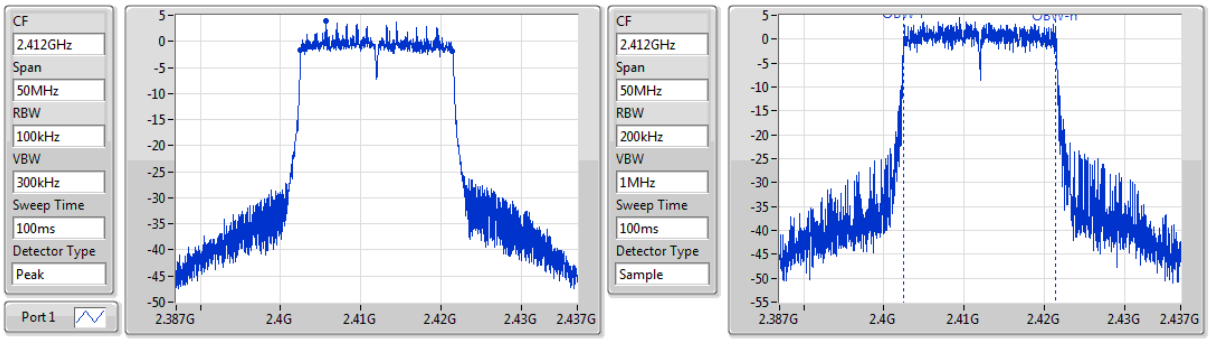


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.617M	2.453654G	2.470271G	500k	1

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

2412MHz

25/03/2019

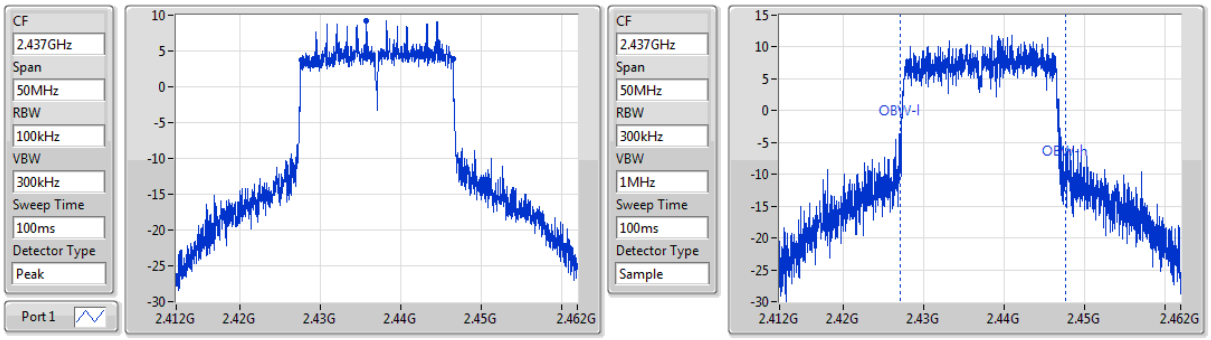


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.402525G	2.42145G	18.991M	2.40248G	2.42147G	500k	1

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

2437MHz

25/03/2019

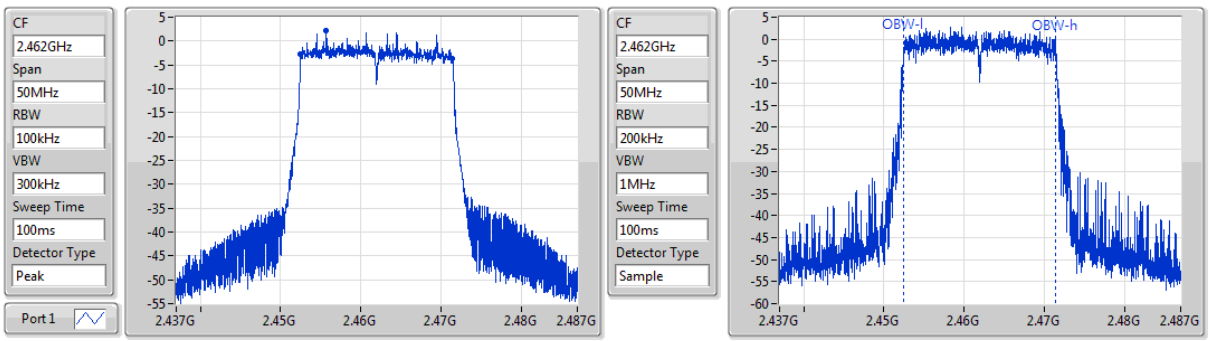


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.42755G	2.446475G	20.64M	2.427005G	2.447645G	500k	1

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

2462MHz

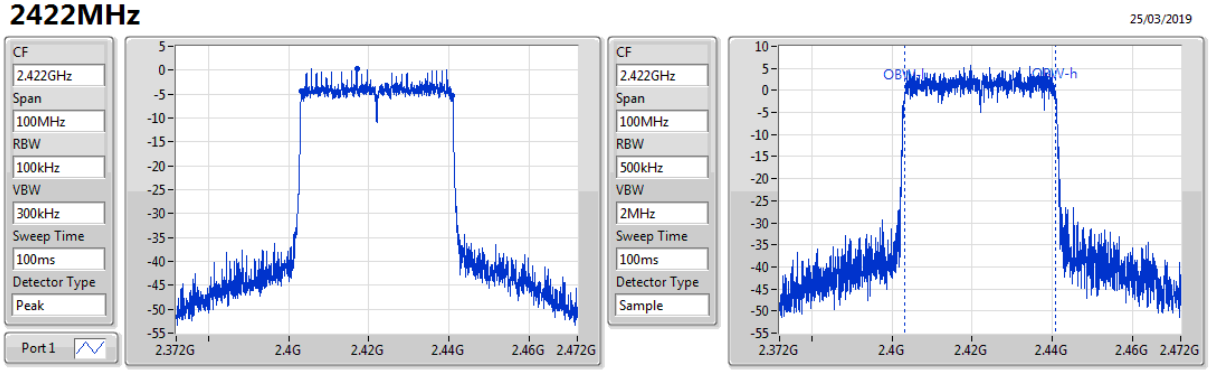
25/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.452525G	2.471375G	18.941M	2.45248G	2.47142G	500k	1

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

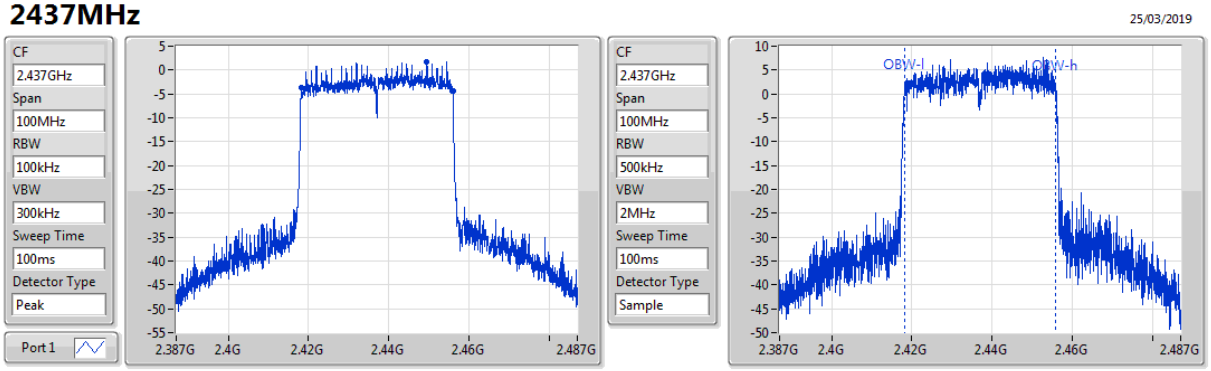
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.4032G	2.4409G	37.531M	2.403209G	2.440741G	500k	1

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

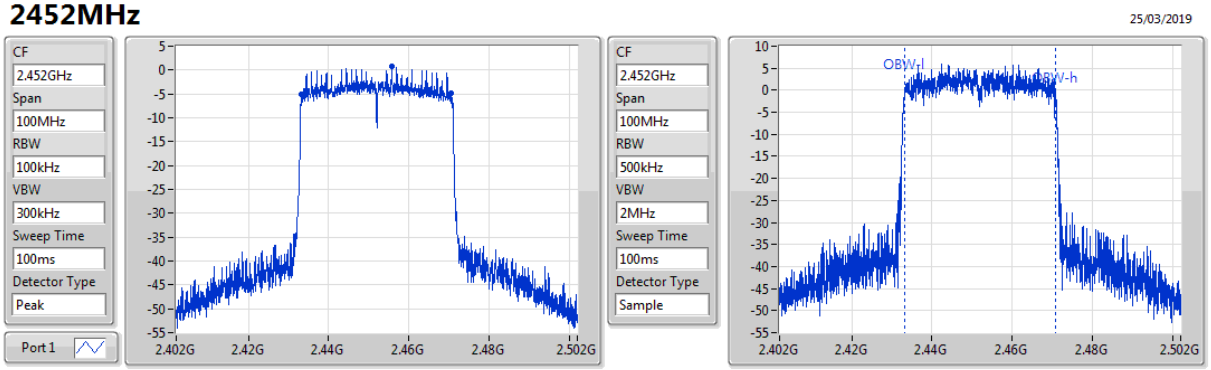
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.41825G	2.45595G	37.581M	2.418209G	2.455791G	500k	1

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

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.15M	2.4333G	2.47045G	37.531M	2.433209G	2.470741G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	18.975M	19.14M	19M1D1D	18.7M	18.916M
802.11ax HEW40_Nss2,(MCS0)_2TX	37.55M	37.681M	37M7D1D	35.65M	37.281M

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;

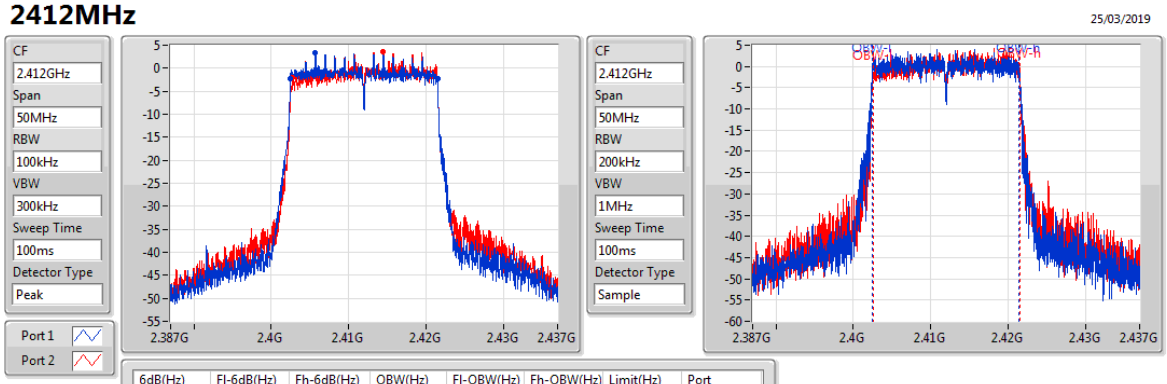
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	18.991M	18.725M	18.941M
2437MHz	Pass	500k	18.85M	19.14M	18.825M	19.14M
2462MHz	Pass	500k	18.9M	18.916M	18.7M	18.916M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.25M	37.681M	35.65M	37.281M
2437MHz	Pass	500k	37.3M	37.431M	37.3M	37.631M
2452MHz	Pass	500k	36.55M	37.481M	37.55M	37.631M

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

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

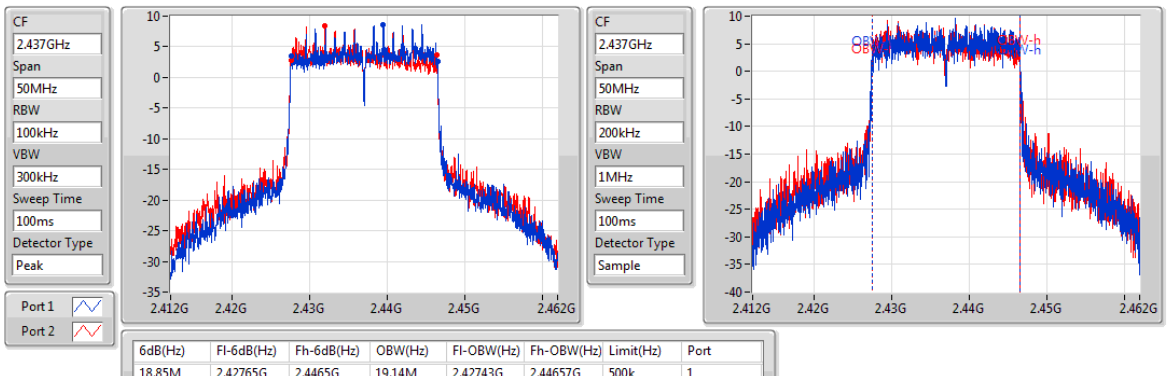
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4025G	2.421475G	18.991M	2.40248G	2.42147G	500k	1
18.725M	2.402775G	2.4215G	18.941M	2.402555G	2.421495G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

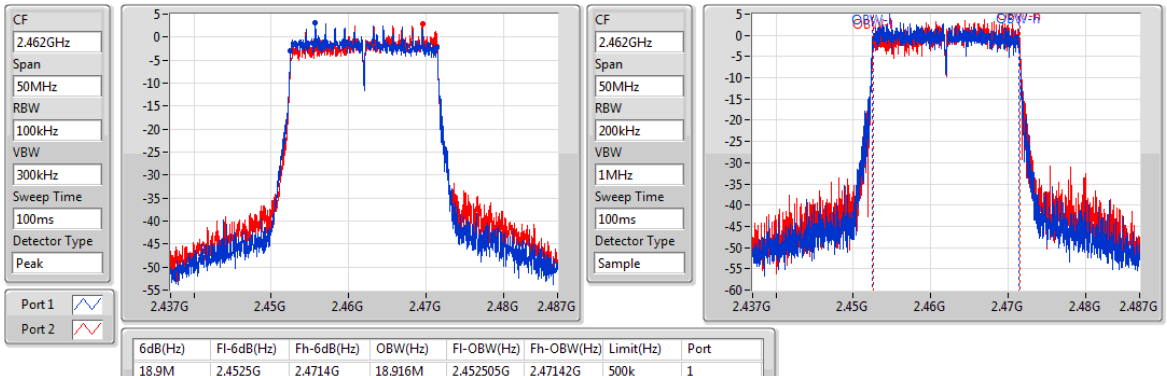
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.42765G	2.4465G	19.14M	2.42743G	2.44657G	500k	1
18.825M	2.42755G	2.446375G	19.14M	2.427405G	2.446545G	500k	2

802.11ax HEW20_Nss2,(MCS0)_2TX **EBW**

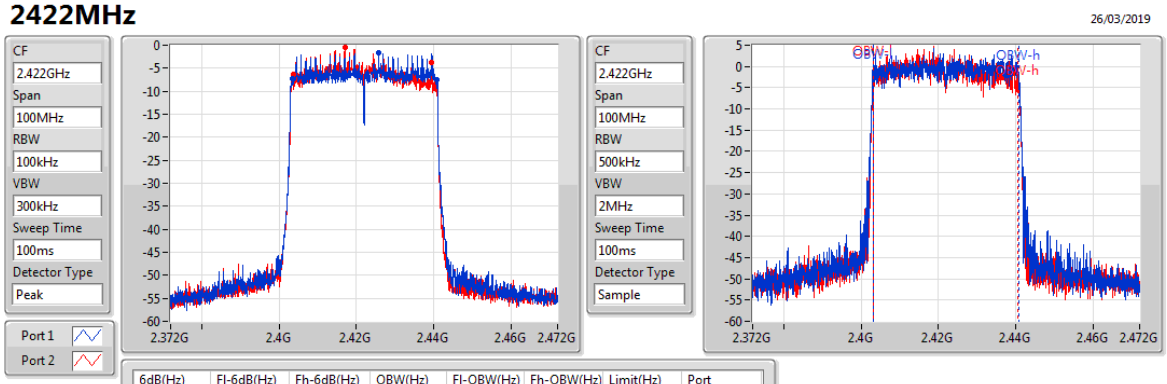
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4525G	2.4714G	18.916M	2.452505G	2.47142G	500k	1
18.7M	2.45275G	2.47145G	18.916M	2.45258G	2.471495G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

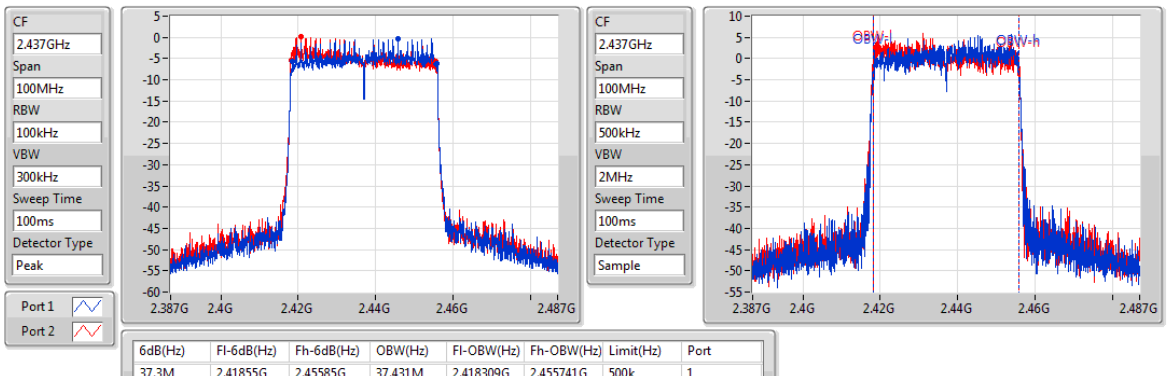
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.40345G	2.4407G	37.681M	2.403109G	2.440791G	500k	1
35.65M	2.40385G	2.4395G	37.281M	2.403309G	2.440591G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

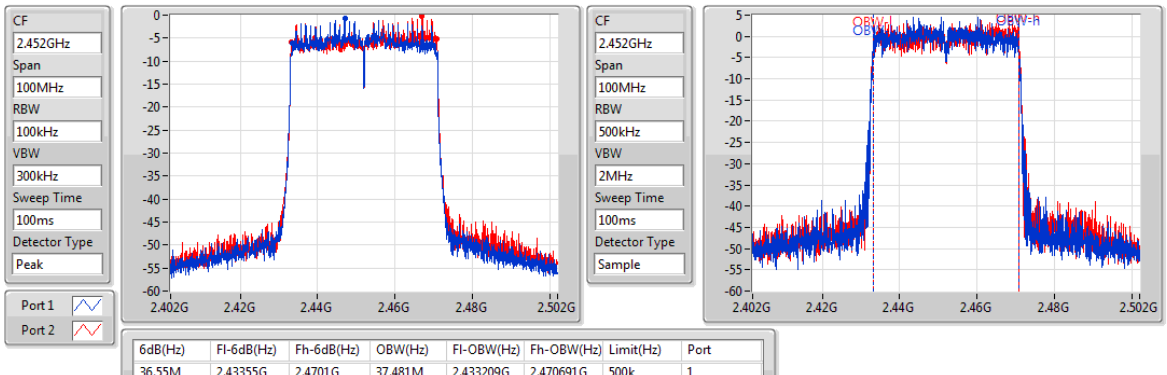
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.41855G	2.45585G	37.431M	2.418309G	2.455741G	500k	1
37.3M	2.4181G	2.4554G	37.631M	2.418109G	2.455741G	500k	2

802.11ax HEW40_Nss2,(MCS0)_2TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.55M	2.43355G	2.4701G	37.481M	2.433209G	2.470691G	500k	1
37.55M	2.43325G	2.4708G	37.631M	2.433209G	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)_4TX	8.975M	14.218M	14M2G1D	6.525M	10.77M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.717M	16M7D1D	15.9M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.025M	19.04M	19M0D1D	18.575M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.65M	37.781M	37M8D1D	33.9M	37.331M

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

Result

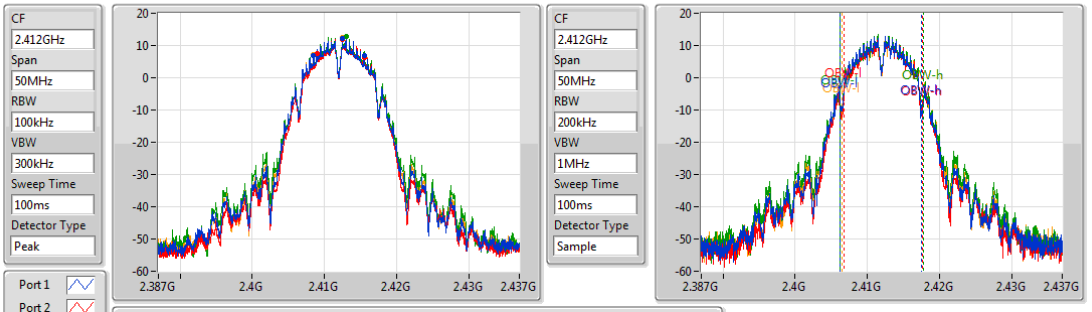
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	11.269M	6.525M	10.77M	7.05M	11.619M	7.025M	11.344M
2437MHz	Pass	500k	7.525M	12.769M	7.525M	12.694M	8.975M	14.218M	8.45M	13.068M
2462MHz	Pass	500k	6.55M	11.144M	7M	10.92M	7.025M	11.294M	6.525M	11.644M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.592M	16.325M	16.492M	16.3M	16.542M	16.35M	16.567M
2437MHz	Pass	500k	16.325M	16.667M	16.3M	16.642M	16.35M	16.717M	16.35M	16.692M
2462MHz	Pass	500k	16.325M	16.592M	16.05M	16.592M	15.9M	16.617M	16.325M	16.592M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	18.941M	18.575M	18.941M	18.75M	18.891M	18.75M	18.966M
2437MHz	Pass	500k	18.975M	18.966M	18.975M	18.991M	18.95M	19.04M	18.85M	19.015M
2462MHz	Pass	500k	18.95M	18.991M	18.725M	18.966M	18.775M	18.941M	19.025M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.531M	33.9M	37.331M	35.45M	37.381M	36.55M	37.431M
2437MHz	Pass	500k	37.65M	37.531M	37.3M	37.631M	37.45M	37.781M	37M	37.531M
2452MHz	Pass	500k	37.2M	37.381M	37.4M	37.581M	36.25M	37.581M	37.65M	37.581M

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

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

2412MHz

26/03/2019

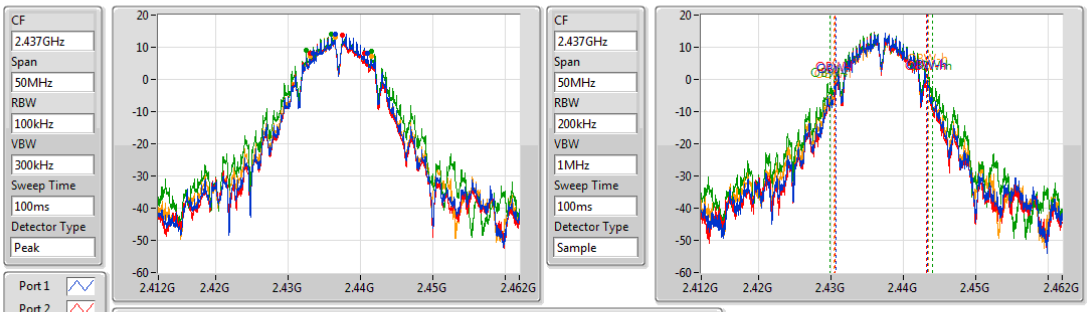


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.40845G	2.4155G	11.269M	2.406278G	2.417547G	500k	1
6.525M	2.408975G	2.4155G	10.77M	2.406803G	2.417572G	500k	2
7.05M	2.408475G	2.415525G	11.619M	2.406228G	2.417847G	500k	3
7.025M	2.408475G	2.4155G	11.344M	2.406503G	2.417847G	500k	4

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

2437MHz

26/03/2019

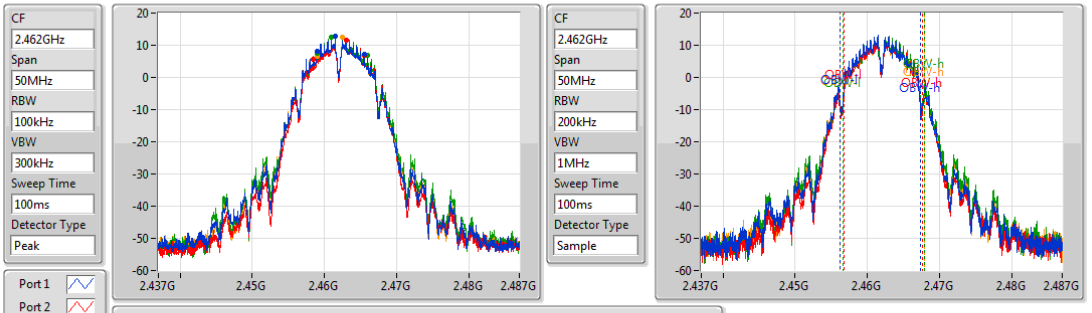


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.433475G	2.441G	12.769M	2.430603G	2.443372G	500k	1
7.525M	2.432975G	2.4405G	12.694M	2.430553G	2.443247G	500k	2
8.975M	2.4325G	2.441475G	14.218M	2.429779G	2.443997G	500k	3
8.45M	2.433025G	2.441475G	13.068M	2.430378G	2.443447G	500k	4

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

2462MHz

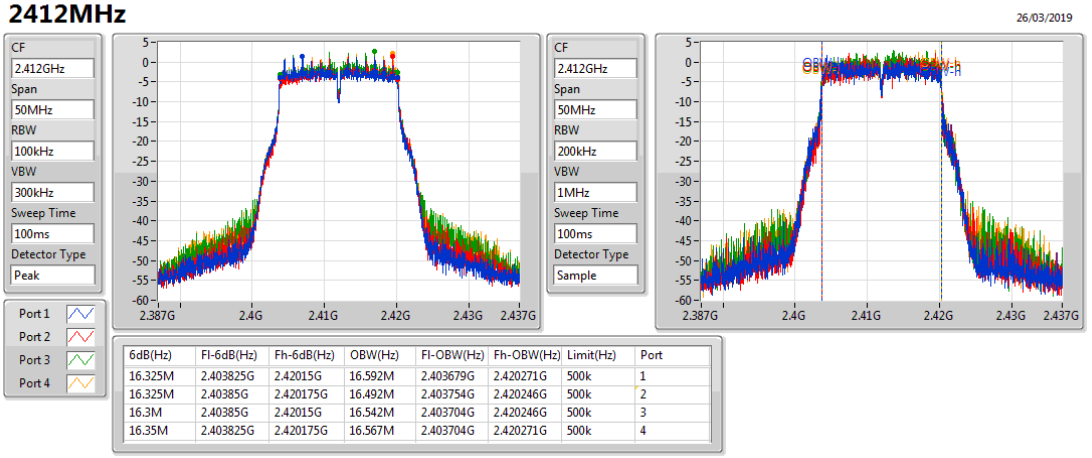
26/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.45895G	2.4655G	11.144M	2.456228G	2.467372G	500k	1
7M	2.4585G	2.4655G	10.92M	2.456778G	2.467697G	500k	2
7.025M	2.45895G	2.465975G	11.294M	2.456653G	2.467947G	500k	3
6.525M	2.45895G	2.465475G	11.644M	2.456228G	2.467872G	500k	4

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

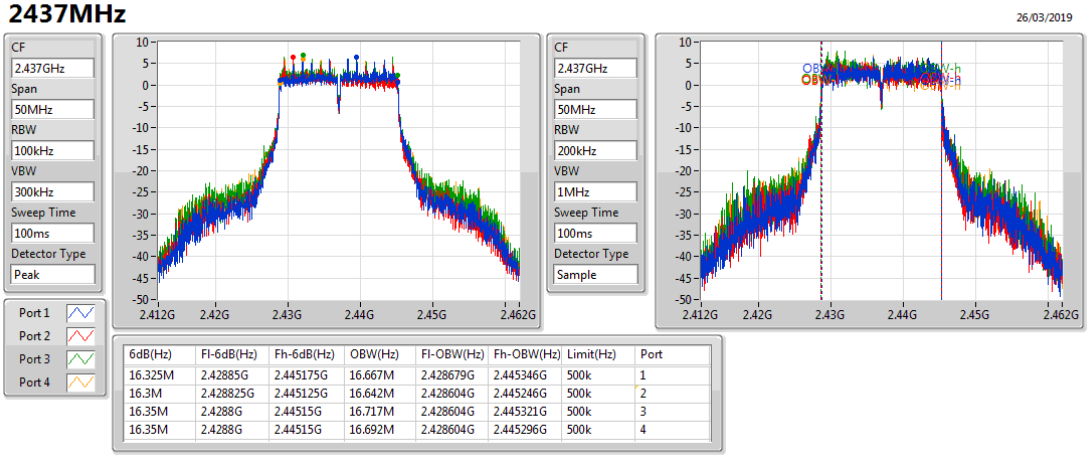
2412MHz



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	16.592M	2.403679G	2.420271G	500k	1
16.325M	2.40385G	2.420175G	16.492M	2.403754G	2.420246G	500k	2
16.3M	2.40385G	2.42015G	16.542M	2.403704G	2.420246G	500k	3
16.35M	2.403825G	2.420175G	16.567M	2.403704G	2.420271G	500k	4

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

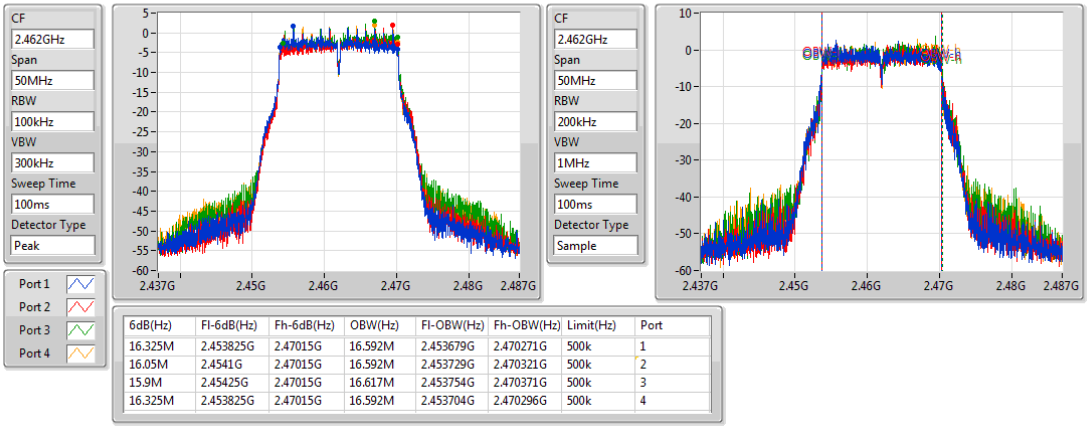
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.42885G	2.445175G	16.667M	2.428679G	2.445346G	500k	1
16.3M	2.428825G	2.445125G	16.642M	2.428604G	2.445246G	500k	2
16.35M	2.4288G	2.44515G	16.717M	2.428604G	2.445321G	500k	3
16.35M	2.4288G	2.44515G	16.692M	2.428604G	2.445296G	500k	4

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

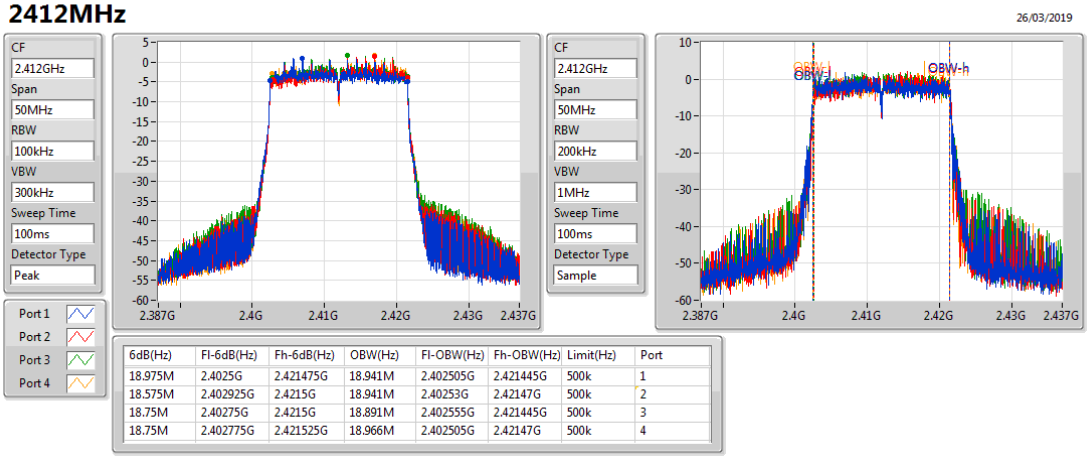
2462MHz



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	16.592M	2.453679G	2.470271G	500k	1
16.05M	2.4541G	2.47015G	16.592M	2.453729G	2.470321G	500k	2
15.9M	2.45425G	2.47015G	16.617M	2.453754G	2.470371G	500k	3
16.325M	2.453825G	2.47015G	16.592M	2.453704G	2.470296G	500k	4

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

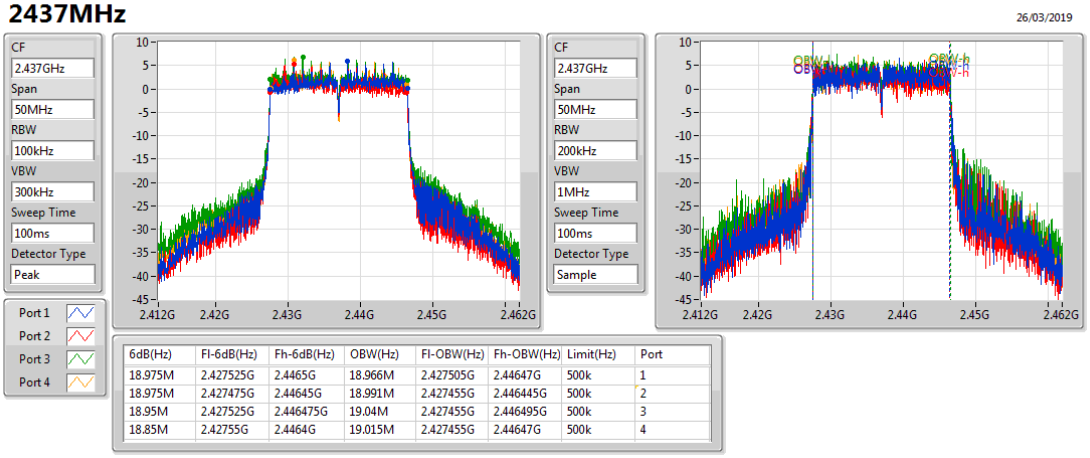
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4025G	2.421475G	18.941M	2.402505G	2.421445G	500k	1
18.575M	2.402925G	2.4215G	18.941M	2.40253G	2.42147G	500k	2
18.75M	2.40275G	2.4215G	18.891M	2.402555G	2.421445G	500k	3
18.75M	2.402775G	2.421525G	18.966M	2.402505G	2.42147G	500k	4

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

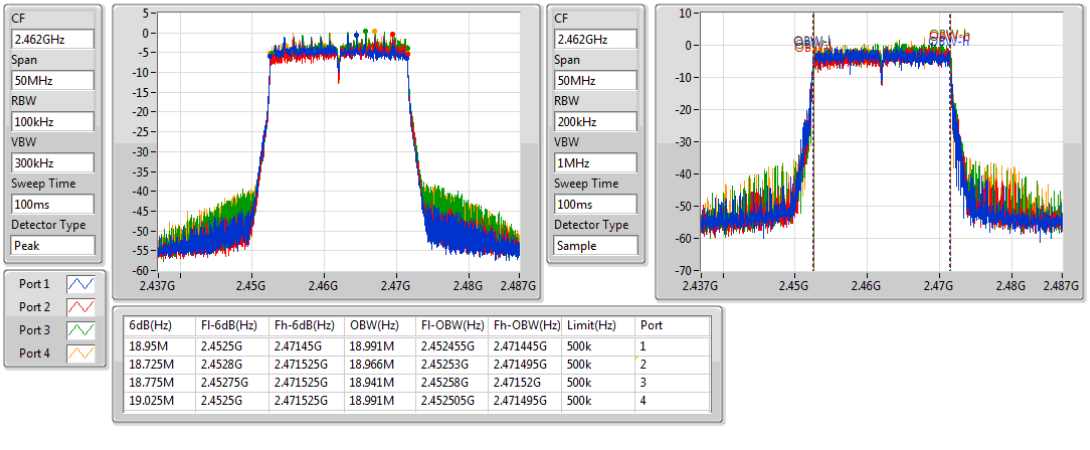
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.427525G	2.4465G	18.966M	2.427505G	2.44647G	500k	1
18.975M	2.427475G	2.44645G	18.991M	2.427455G	2.446445G	500k	2
18.95M	2.427525G	2.446475G	19.04M	2.427455G	2.446495G	500k	3
18.85M	2.42755G	2.4464G	19.015M	2.427455G	2.44647G	500k	4

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

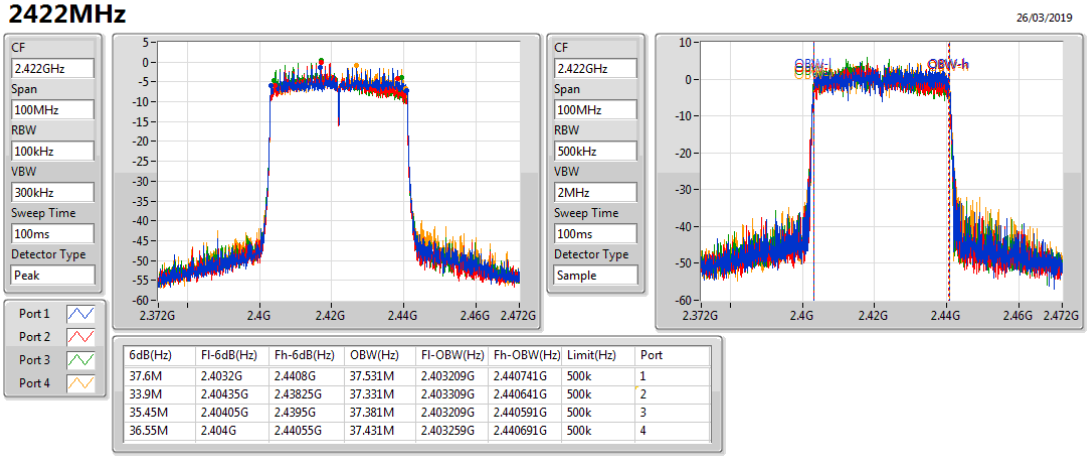
2462MHz



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	18.991M	2.452455G	2.471445G	500k	1
18.725M	2.4528G	2.471525G	18.966M	2.45253G	2.471495G	500k	2
18.775M	2.45275G	2.471525G	18.941M	2.45258G	2.47152G	500k	3
19.025M	2.4525G	2.471525G	18.991M	2.452505G	2.471495G	500k	4

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

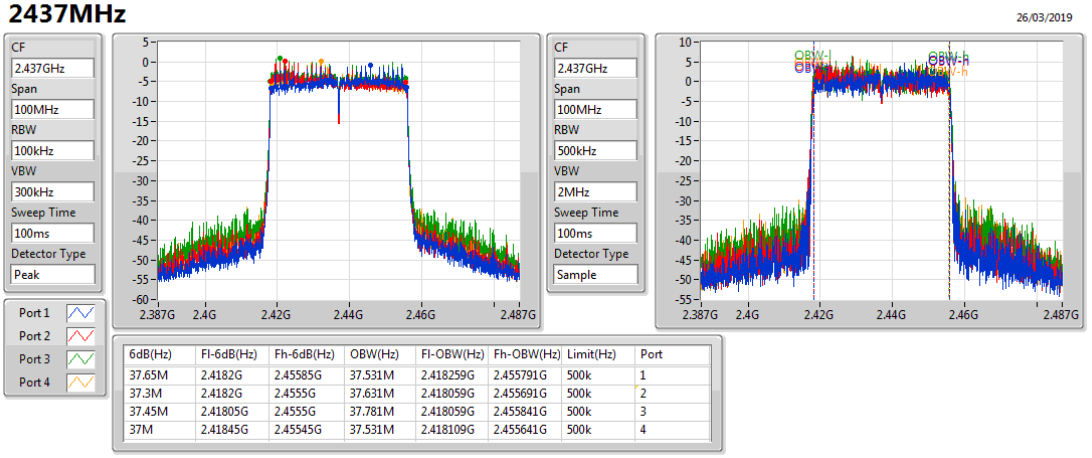
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4032G	2.4408G	37.531M	2.403209G	2.440741G	500k	1
33.9M	2.40435G	2.43825G	37.331M	2.403309G	2.440641G	500k	2
35.45M	2.40405G	2.4395G	37.381M	2.403209G	2.440591G	500k	3
36.55M	2.404G	2.44055G	37.431M	2.403259G	2.440691G	500k	4

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

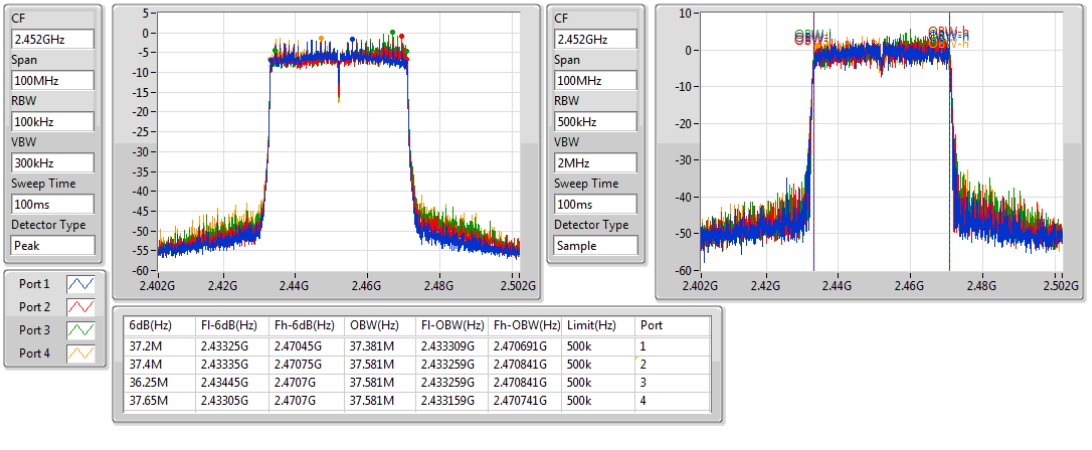
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4182G	2.45585G	37.531M	2.418259G	2.455791G	500k	1
37.3M	2.4182G	2.4555G	37.631M	2.418059G	2.455691G	500k	2
37.45M	2.41805G	2.4555G	37.781M	2.418059G	2.455841G	500k	3
37M	2.41845G	2.45545G	37.531M	2.418109G	2.455641G	500k	4

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

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	2.43325G	2.47045G	37.381M	2.433309G	2.470691G	500k	1
37.4M	2.43335G	2.47075G	37.581M	2.433259G	2.470841G	500k	2
36.25M	2.43445G	2.4707G	37.581M	2.433259G	2.470841G	500k	3
37.65M	2.43305G	2.4707G	37.581M	2.433159G	2.470741G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.05M	18.966M	19M0D1D	18.725M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.55M	37.731M	37M7D1D	34.75M	37.381M

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

Result

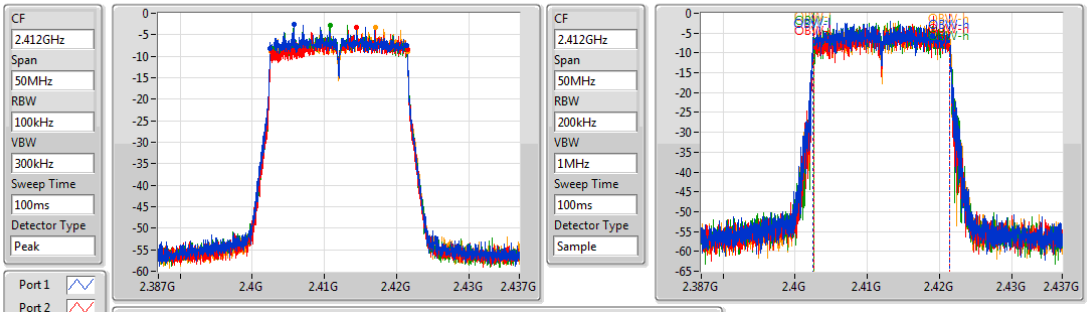
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.95M	18.941M	18.75M	18.866M	18.725M	18.891M	18.9M	18.941M
2437MHz	Pass	500k	18.95M	18.941M	19.05M	18.966M	19M	18.966M	18.875M	18.966M
2462MHz	Pass	500k	18.95M	18.941M	18.925M	18.966M	18.8M	18.966M	19.05M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.5M	37.581M	36.95M	37.381M	34.75M	37.381M	36.75M	37.431M
2437MHz	Pass	500k	37.5M	37.481M	37.4M	37.681M	37.45M	37.681M	37.1M	37.481M
2452MHz	Pass	500k	37M	37.531M	37.55M	37.731M	36.7M	37.581M	37.4M	37.631M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2412MHz

27/03/2019

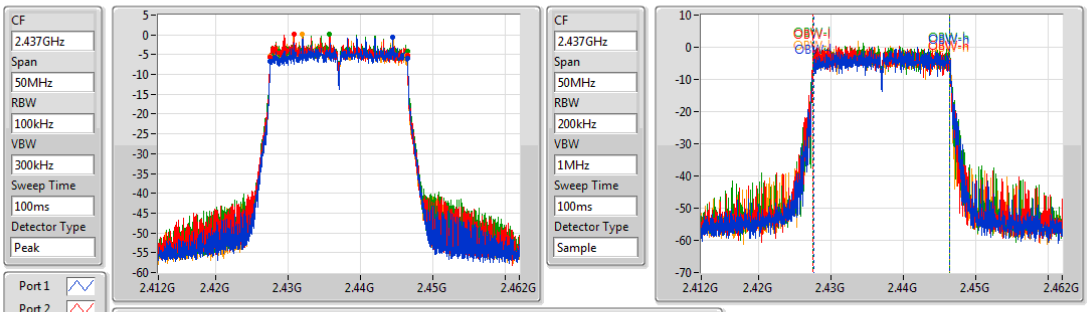


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.4025G	2.42145G	18.941M	2.402505G	2.421445G	500k	1
18.75M	2.402775G	2.421525G	18.866M	2.402555G	2.42142G	500k	2
18.725M	2.4027G	2.421425G	18.891M	2.40253G	2.42142G	500k	3
18.9M	2.402625G	2.421525G	18.941M	2.40253G	2.42147G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

27/03/2019

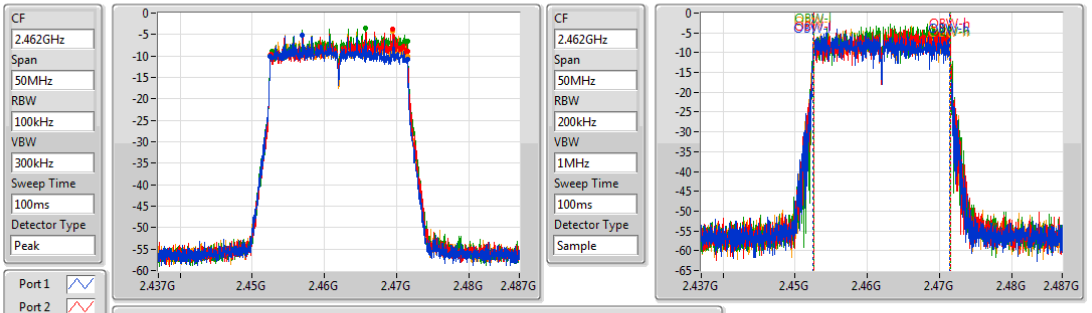


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.427525G	2.446475G	18.941M	2.42753G	2.44647G	500k	1
19.05M	2.42745G	2.4465G	18.966M	2.42748G	2.446445G	500k	2
19M	2.4275G	2.4465G	18.966M	2.427505G	2.44647G	500k	3
18.875M	2.427475G	2.44635G	18.966M	2.42748G	2.446445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2462MHz

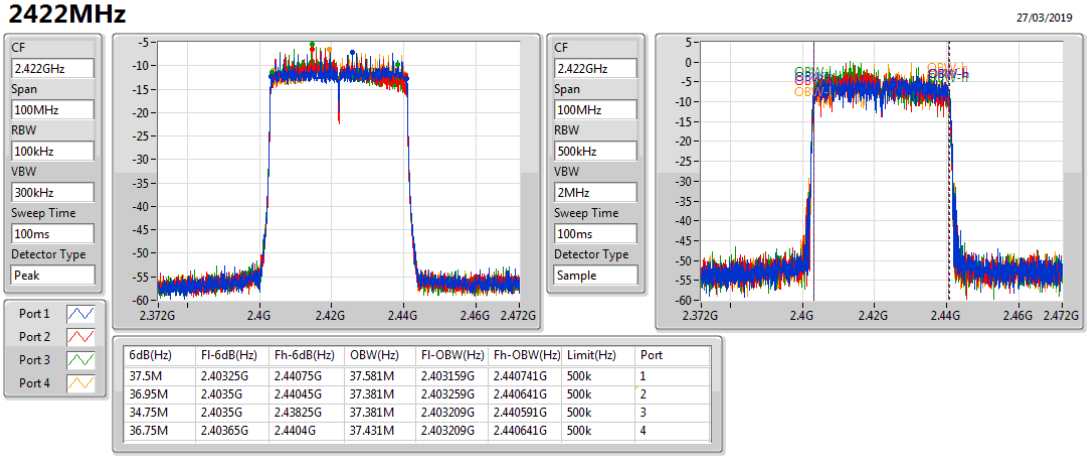
27/03/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.452525G	2.471475G	18.941M	2.452505G	2.471445G	500k	1
18.925M	2.4526G	2.471525G	18.966M	2.45253G	2.471495G	500k	2
18.8M	2.4527G	2.4715G	18.966M	2.452555G	2.47152G	500k	3
19.05M	2.452475G	2.471525G	18.941M	2.45253G	2.47147G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

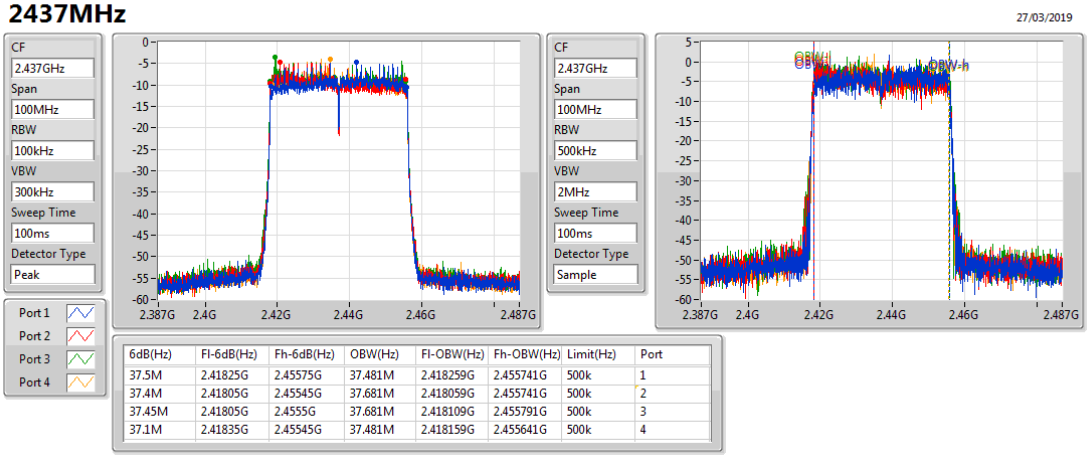
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.40325G	2.44075G	37.581M	2.403159G	2.440741G	500k	1
36.95M	2.4035G	2.44045G	37.381M	2.403259G	2.440641G	500k	2
34.75M	2.4035G	2.43825G	37.381M	2.403209G	2.440591G	500k	3
36.75M	2.40365G	2.4404G	37.431M	2.403209G	2.440641G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

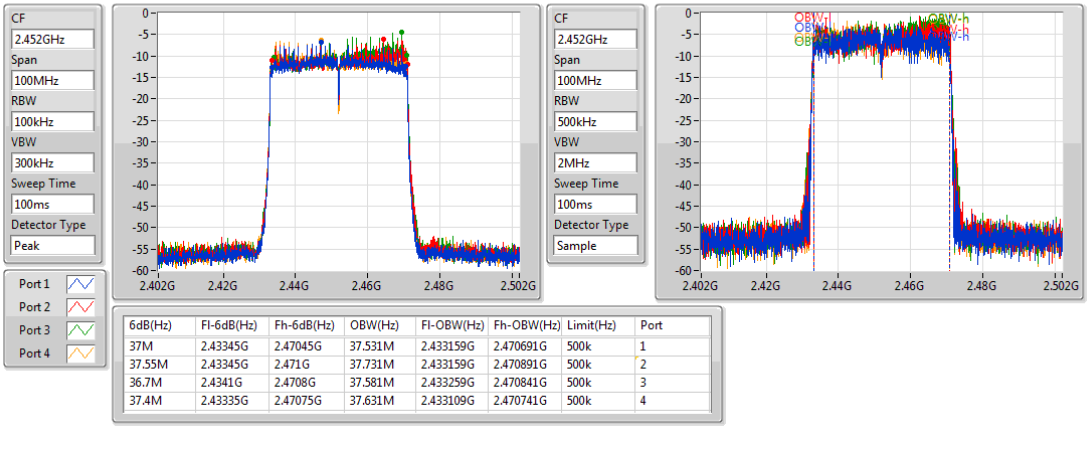
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.41825G	2.45575G	37.481M	2.418259G	2.455741G	500k	1
37.4M	2.41805G	2.45545G	37.681M	2.418059G	2.455741G	500k	2
37.45M	2.41805G	2.4555G	37.681M	2.418109G	2.455791G	500k	3
37.1M	2.41835G	2.45545G	37.481M	2.418159G	2.455641G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37M	2.43345G	2.47045G	37.531M	2.433159G	2.470691G	500k	1
37.55M	2.43345G	2.471G	37.731M	2.433159G	2.470891G	500k	2
36.7M	2.4341G	2.4708G	37.581M	2.433259G	2.470841G	500k	3
37.4M	2.43335G	2.47075G	37.631M	2.433109G	2.470741G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	19M	19.165M	19M2D1D	18.15M	18.841M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.55M	37.731M	37M7D1D	35.35M	37.331M

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

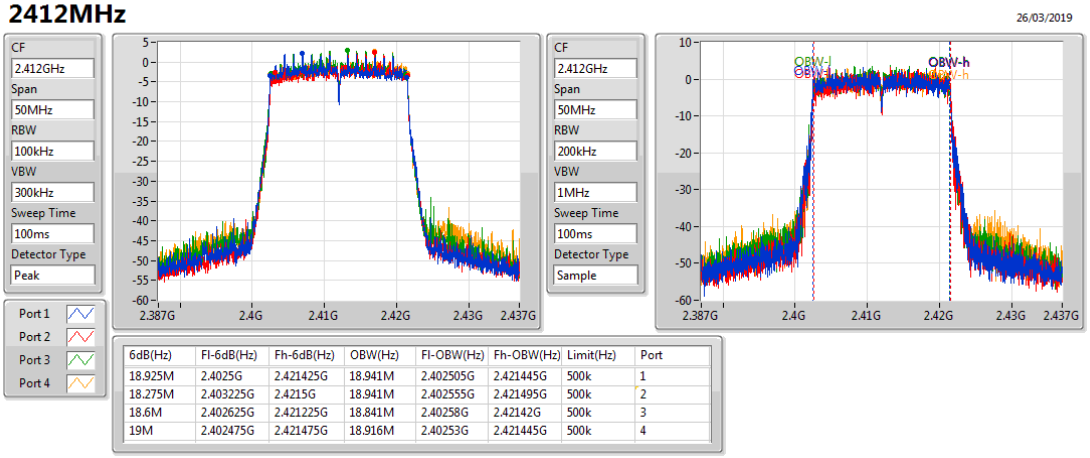
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.925M	18.941M	18.275M	18.941M	18.6M	18.841M	19M	18.916M
2437MHz	Pass	500k	18.725M	19.015M	18.675M	19.04M	18.825M	19.165M	18.625M	19.115M
2462MHz	Pass	500k	18.875M	18.966M	18.65M	18.991M	18.15M	18.966M	18.975M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.5M	37.481M	35.75M	37.331M	35.35M	37.331M	36.7M	37.481M
2437MHz	Pass	500k	37.15M	37.531M	36.75M	37.631M	37.35M	37.681M	36.55M	37.581M
2452MHz	Pass	500k	36.85M	37.381M	37.15M	37.731M	36.5M	37.581M	37.55M	37.681M

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

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

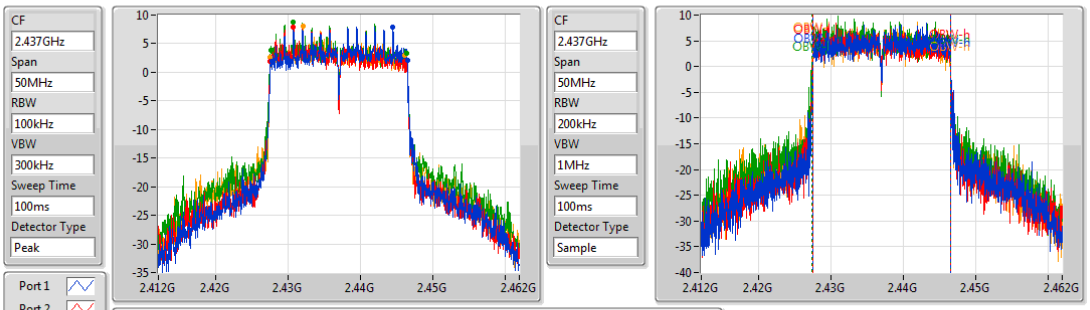
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.4025G	2.421425G	18.941M	2.402505G	2.421445G	500k	1
18.275M	2.403225G	2.4215G	18.941M	2.402555G	2.421495G	500k	2
18.6M	2.402625G	2.421225G	18.841M	2.40258G	2.42142G	500k	3
19M	2.402475G	2.421475G	18.916M	2.40253G	2.421445G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

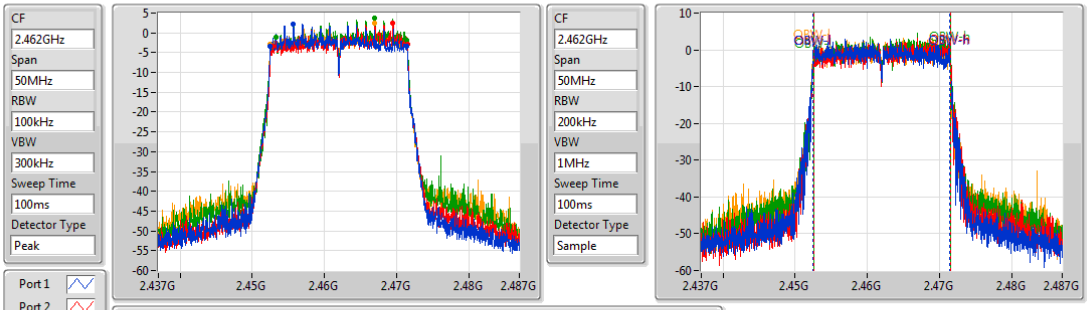
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.725M	2.42775G	2.446475G	19.015M	2.427505G	2.44652G	500k	1
18.675M	2.4275G	2.446175G	19.04M	2.427455G	2.446495G	500k	2
18.825M	2.42755G	2.446375G	19.165M	2.42738G	2.446545G	500k	3
18.625M	2.42745G	2.446075G	19.115M	2.427405G	2.44652G	500k	4

802.11ax HEW20_Nss4,(MCS0)_4TX **EBW**

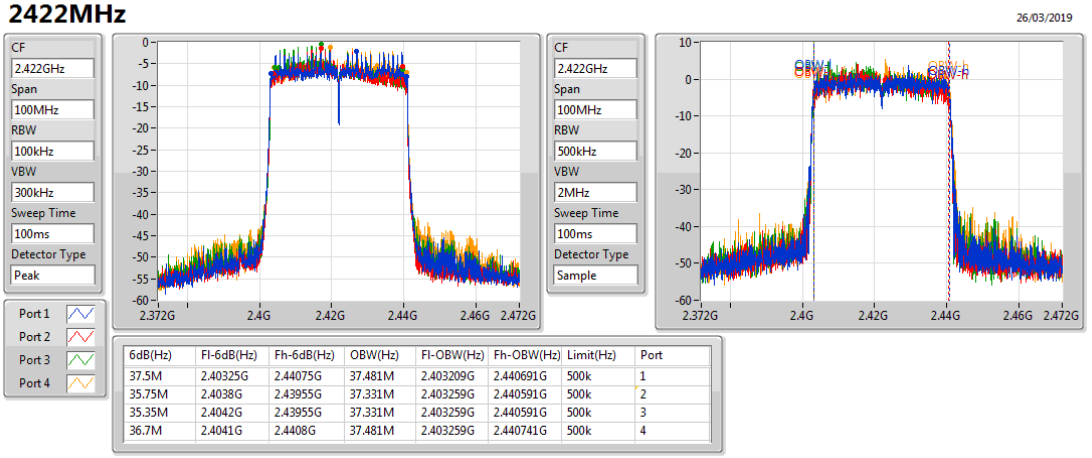
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.4525G	2.471375G	18.966M	2.45248G	2.471445G	500k	1
18.65M	2.452875G	2.471525G	18.991M	2.45253G	2.47152G	500k	2
18.15M	2.4533G	2.47145G	18.966M	2.45253G	2.471495G	500k	3
18.975M	2.45245G	2.471425G	18.941M	2.452505G	2.471445G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

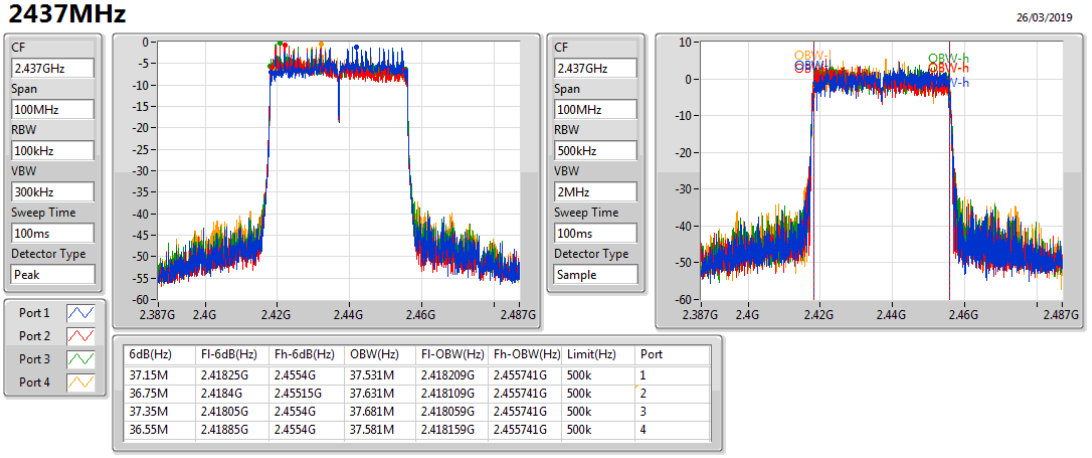
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.40325G	2.44075G	37.481M	2.403209G	2.440691G	500k	1
35.75M	2.4038G	2.43955G	37.331M	2.403259G	2.440591G	500k	2
35.35M	2.4042G	2.43955G	37.331M	2.403259G	2.440591G	500k	3
36.7M	2.4041G	2.4408G	37.481M	2.403259G	2.440741G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

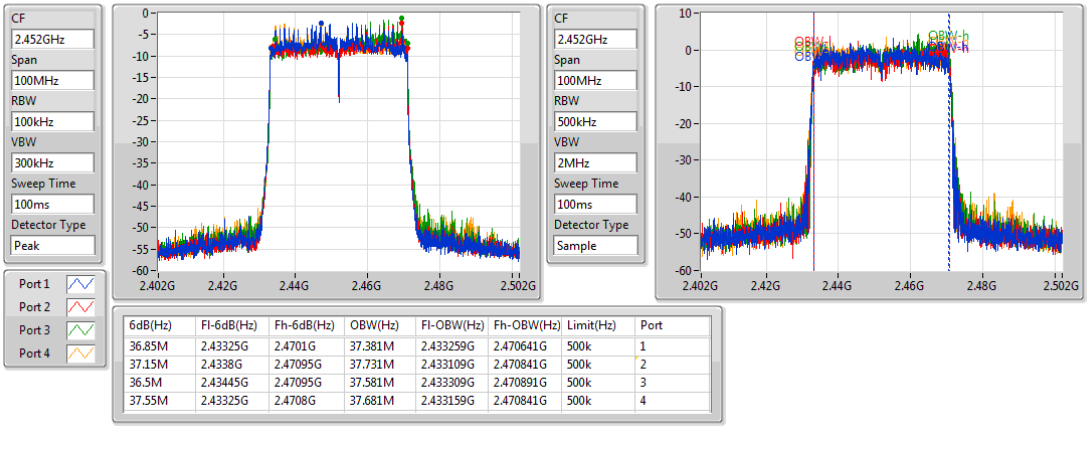
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.15M	2.41825G	2.4554G	37.531M	2.418209G	2.455741G	500k	1
36.75M	2.4184G	2.45515G	37.631M	2.418109G	2.455741G	500k	2
37.35M	2.41805G	2.4554G	37.681M	2.418059G	2.455741G	500k	3
36.55M	2.41885G	2.4554G	37.581M	2.418159G	2.455741G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.85M	2.43325G	2.4701G	37.381M	2.433259G	2.470641G	500k	1
37.15M	2.4338G	2.47095G	37.731M	2.433109G	2.470841G	500k	2
36.5M	2.43445G	2.47095G	37.581M	2.433309G	2.470891G	500k	3
37.55M	2.43325G	2.4708G	37.681M	2.433159G	2.470841G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	23.28	0.21281
802.11g_Nss1,(6Mbps)_1TX	21.78	0.15066
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42	0.13868
802.11ax HEW40_Nss1,(MCS0)_1TX	16.83	0.04819

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.89	21.81	21.81	28.11	21.75
2437MHz	Pass	7.89	23.28	23.28	28.11	23.5
2462MHz	Pass	7.89	21.19	21.19	28.11	21
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.89	16.41	16.41	28.11	16.5
2417MHz	Pass	7.89	18.54	18.54	28.11	19
2437MHz	Pass	7.89	21.78	21.78	28.11	22.25
2457MHz	Pass	7.89	18.73	18.73	28.11	19
2462MHz	Pass	7.89	16.09	16.09	28.11	16.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	7.89	16.72	16.72	28.11	16.75
2417MHz	Pass	7.89	18.18	18.18	28.11	18.25
2437MHz	Pass	7.89	21.42	21.42	28.11	21.75
2457MHz	Pass	7.89	17.58	17.58	28.11	17.5
2462MHz	Pass	7.89	14.84	14.84	28.11	15
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	7.89	15.26	15.26	28.11	15.5
2437MHz	Pass	7.89	16.83	16.83	28.11	17
2452MHz	Pass	7.89	15.58	15.58	28.11	15.75

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.17	0.20749
802.11ax HEW40_Nss2,(MCS0)_2TX	18.92	0.07798

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	7.89	15.65	15.54	18.61	28.11	16
2417MHz	Pass	7.89	16.84	16.56	19.71	28.11	17
2437MHz	Pass	7.89	20.31	20.01	23.17	28.11	20.5
2457MHz	Pass	7.89	16.64	16.53	19.60	28.11	16.75
2462MHz	Pass	7.89	15.37	15.22	18.31	28.11	15.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz	Pass	7.89	14.57	14.35	17.47	28.11	14.75
2437MHz	Pass	7.89	15.95	15.86	18.92	28.11	16
2452MHz	Pass	7.89	14.69	14.72	17.72	28.11	14.75

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.07	0.64121
802.11g_Nss1,(6Mbps)_4TX	24.01	0.25177
802.11ax HEW20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40_Nss1,(MCS0)_4TX	20.53	0.11298

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	7.89	20.29	20.01	20.81	20.34	26.39	28.11	20
2437MHz	Pass	7.89	21.90	21.86	22.51	21.88	28.07	28.11	22
2462MHz	Pass	7.89	20.45	20.05	20.76	20.29	26.42	28.11	20
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	7.89	13.03	13.14	14.01	13.79	19.53	28.11	13.5
2417MHz	Pass	7.89	15.68	15.49	16.65	16.12	22.03	28.11	16.25
2437MHz	Pass	7.89	17.86	17.55	18.45	18.05	24.01	28.11	18.25
2457MHz	Pass	7.89	15.69	15.38	16.27	15.79	21.81	28.11	16
2462MHz	Pass	7.89	13.37	13.02	14.03	13.64	19.55	28.11	13.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	7.89	13.55	13.45	13.98	13.49	19.64	28.11	13.5
2417MHz	Pass	7.89	15.47	14.87	15.80	15.56	21.46	28.11	15.25
2437MHz	Pass	7.89	17.91	17.32	18.39	17.81	23.89	28.11	17.75
2457MHz	Pass	7.89	13.79	14.01	14.92	14.03	20.23	28.11	14
2462MHz	Pass	7.89	11.64	11.32	12.46	12.33	17.98	28.11	11.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	7.89	13.72	13.42	13.84	13.86	19.73	28.11	13.5
2437MHz	Pass	7.89	14.32	14.14	15.07	14.46	20.53	28.11	14.25
2452MHz	Pass	7.89	12.76	12.72	13.19	12.94	18.93	28.11	12.75

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.19	0.06592
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.22	0.04188

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	13.91	7.93	7.97	8.66	7.77	14.12	22.09	7.75
2417MHz	Pass	13.91	9.43	8.85	10.53	9.86	15.73	22.09	9.25
2437MHz	Pass	13.91	12.11	11.83	12.54	12.17	18.19	22.09	11.75
2457MHz	Pass	13.91	8.33	8.24	9.28	8.26	14.57	22.09	8.25
2462MHz	Pass	13.91	7.45	7.29	9.05	8.16	14.07	22.09	7.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	13.91	7.91	7.14	7.82	8.02	13.76	22.09	7.5
2437MHz	Pass	13.91	9.97	9.68	10.84	10.24	16.22	22.09	9.75
2452MHz	Pass	13.91	7.65	7.48	8.42	7.78	13.87	22.09	7.5

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.02	0.31769
802.11ax HEW40_Nss4,(MCS0)_4TX	19.73	0.09397

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	7.89	14.26	14.05	14.65	14.38	20.36	28.11	14.25
2417MHz	Pass	7.89	16.03	15.82	16.09	16.16	22.05	28.11	16
2437MHz	Pass	7.89	18.81	18.69	19.52	18.95	25.02	28.11	19
2457MHz	Pass	7.89	15.64	15.55	16.23	15.69	21.81	28.11	15.75
2462MHz	Pass	7.89	13.58	13.34	14.16	13.51	19.68	28.11	13.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	7.89	12.84	12.65	13.34	13.25	19.05	28.11	13
2437MHz	Pass	7.89	13.55	13.41	14.02	13.82	19.73	28.11	13.75
2452MHz	Pass	7.89	12.62	12.48	13.08	12.68	18.74	28.11	12.5

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.96	0.19770
802.11g_Nss1,(6Mbps)_1TX	21.23	0.13274
802.11ax HEW20_Nss1,(MCS0)_1TX	20.73	0.11830
802.11ax HEW40_Nss1,(MCS0)_1TX	16.58	0.04550

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	6.22	21.53	21.53	29.78	21.5
2437MHz	Pass	6.22	22.96	22.96	29.78	23.25
2462MHz	Pass	6.22	21.19	21.19	29.78	21
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	6.22	15.94	15.94	29.78	16
2417MHz	Pass	6.22	18.54	18.54	29.78	19
2437MHz	Pass	6.22	21.23	21.23	29.78	21.75
2457MHz	Pass	6.22	18.18	18.18	29.78	18.5
2462MHz	Pass	6.22	15.86	15.86	29.78	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2412MHz	Pass	6.22	15.95	15.95	29.78	16
2417MHz	Pass	6.22	17.97	17.97	29.78	18
2437MHz	Pass	6.22	20.73	20.73	29.78	21.25
2457MHz	Pass	6.22	17.15	17.15	29.78	17
2462MHz	Pass	6.22	14.02	14.02	29.78	14.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
2422MHz	Pass	6.22	15.46	15.46	29.78	15.75
2437MHz	Pass	6.22	16.58	16.58	29.78	16.75
2452MHz	Pass	6.22	15.25	15.25	29.78	15.5

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.88	0.19409
802.11ax HEW40_Nss2,(MCS0)_2TX	17.45	0.05559

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz	Pass	6.22	15.31	15.27	18.30	29.78	15.75
2417MHz	Pass	6.22	16.84	16.56	19.71	29.78	17
2437MHz	Pass	6.22	20.01	19.73	22.88	29.78	20.25
2457MHz	Pass	6.22	16.39	16.27	19.34	29.78	16.5
2462MHz	Pass	6.22	14.76	14.73	17.76	29.78	15
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz	Pass	6.22	13.17	13.07	16.13	29.78	13.5
2437MHz	Pass	6.22	14.48	14.39	17.45	29.78	14.75
2452MHz	Pass	6.22	13.55	13.68	16.63	29.78	13.5

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.40	0.69183
802.11g_Nss1,(6Mbps)_4TX	24.01	0.25177
802.11ax HEW20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40_Nss1,(MCS0)_4TX	20.53	0.11298

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	6.22	20.58	20.18	21.05	20.57	26.63	29.78	20.25
2437MHz	Pass	6.22	22.36	22.02	22.83	22.25	28.40	29.78	22.5
2462MHz	Pass	6.22	20.45	20.05	20.76	20.29	26.42	29.78	20
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	6.22	13.28	13.37	14.33	14.05	19.80	29.78	13.75
2417MHz	Pass	6.22	15.92	15.74	16.95	16.42	22.30	29.78	16.5
2437MHz	Pass	6.22	17.86	17.55	18.45	18.05	24.01	29.78	18.25
2457MHz	Pass	6.22	15.69	15.38	16.27	15.79	21.81	29.78	16
2462MHz	Pass	6.22	13.37	13.02	14.03	13.64	19.55	29.78	13.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	6.22	13.16	13.13	13.73	13.26	19.35	29.78	13.25
2417MHz	Pass	6.22	15.47	14.87	15.80	15.56	21.46	29.78	15.25
2437MHz	Pass	6.22	17.91	17.32	18.39	17.81	23.89	29.78	17.75
2457MHz	Pass	6.22	13.79	14.01	14.92	14.03	20.23	29.78	14
2462MHz	Pass	6.22	11.64	11.32	12.46	12.33	17.98	29.78	11.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	6.22	13.72	13.42	13.84	13.86	19.73	29.78	13.5
2437MHz	Pass	6.22	14.32	14.14	15.07	14.46	20.53	29.78	14.25
2452MHz	Pass	6.22	13.15	13.07	13.68	13.38	19.35	29.78	13.25

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.16	0.06546
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	16.40	0.04365

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	12.24	9.68	8.78	9.40	9.09	15.27	23.76	9
2437MHz	Pass	12.24	11.54	12.36	12.58	12.00	18.16	23.76	12
2457MHz	Pass	12.24	8.48	8.90	9.74	8.85	15.04	23.76	8.75
2462MHz	Pass	12.24	7.13	8.14	9.07	7.87	14.13	23.76	7.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	12.24	7.80	7.90	8.50	8.29	14.15	23.76	7.75
2437MHz	Pass	12.24	9.97	10.11	10.95	10.42	16.40	23.76	10.25
2452MHz	Pass	12.24	7.76	8.57	9.42	8.40	14.60	23.76	8.5

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.51	0.35563
802.11ax HEW40_Nss4,(MCS0)_4TX	19.44	0.08790

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2412MHz	Pass	6.22	14.26	14.05	14.65	14.38	20.36	29.78	14.25
2417MHz	Pass	6.22	16.03	15.82	16.09	16.16	22.05	29.78	16
2437MHz	Pass	6.22	19.39	19.12	19.93	19.46	25.51	29.78	19.5
2457MHz	Pass	6.22	15.64	15.55	16.23	15.69	21.81	29.78	15.75
2462MHz	Pass	6.22	14.02	14.12	14.97	14.24	20.37	29.78	14.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
2422MHz	Pass	6.22	12.59	12.36	13.01	13.04	18.78	29.78	12.75
2437MHz	Pass	6.22	13.33	13.14	13.64	13.56	19.44	29.78	13.5
2452MHz	Pass	6.22	11.95	11.45	12.30	11.91	17.93	29.78	11.75

DG = Directional Gain; **Port X** = Port X output power.
Note: Conducted average output power is for reference only.
Note: Conducted setting = Pass conducted setting division 4.

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	0.85
802.11g_Nss1,(6Mbps)_1TX	-3.70
802.11ax HEW20_Nss1,(MCS0)_1TX	-3.93
802.11ax HEW40_Nss1,(MCS0)_1TX	-11.04

RBW=3kHz.

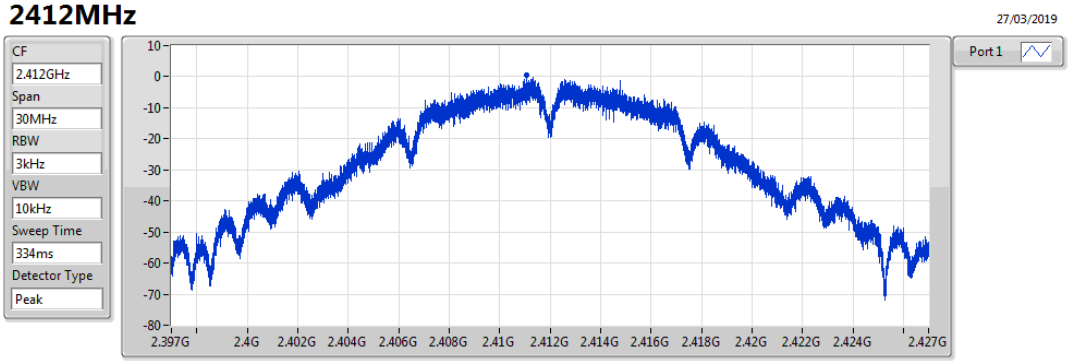
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	7.89	0.53	0.53	6.11
2437MHz	Pass	7.89	0.85	0.85	6.11
2462MHz	Pass	7.89	-0.77	-0.77	6.11
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	7.89	-9.57	-9.57	6.11
2437MHz	Pass	7.89	-3.70	-3.70	6.11
2462MHz	Pass	7.89	-9.58	-9.58	6.11
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	7.89	-7.97	-7.97	6.11
2437MHz	Pass	7.89	-3.93	-3.93	6.11
2462MHz	Pass	7.89	-9.74	-9.74	6.11
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	7.89	-13.84	-13.84	6.11
2437MHz	Pass	7.89	-11.04	-11.04	6.11
2452MHz	Pass	7.89	-13.35	-13.35	6.11

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

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

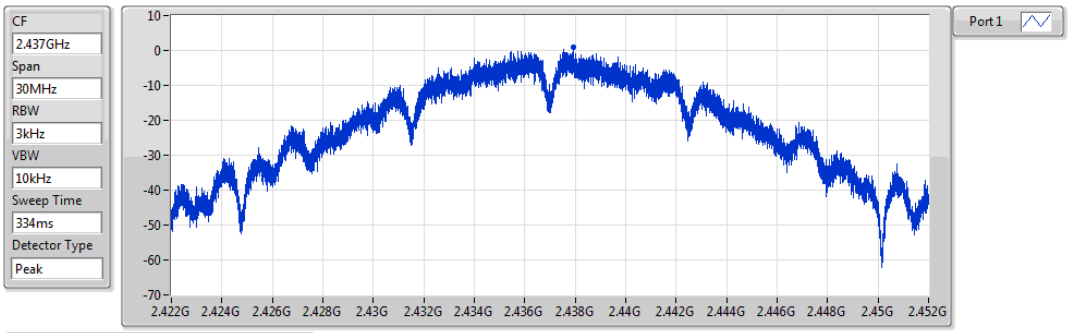
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.53	0.53	0.53

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

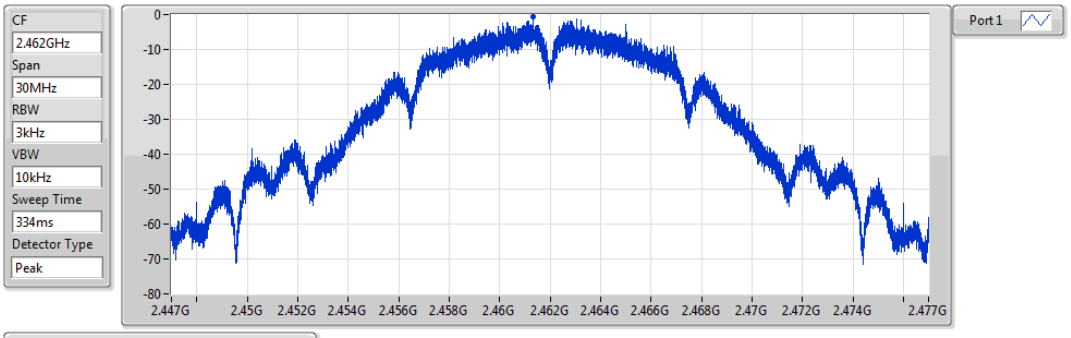
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.85	0.85	0.85

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

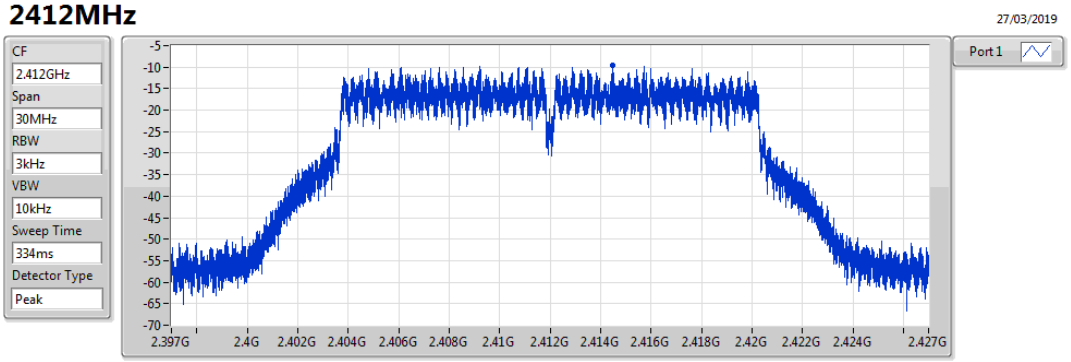
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-0.77

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

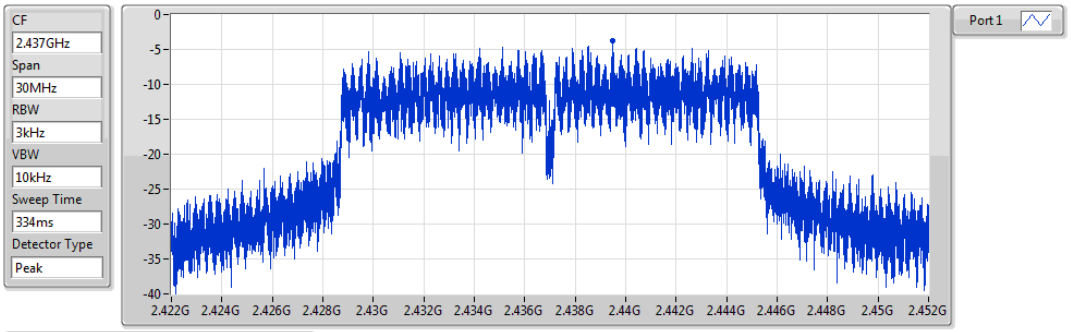
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.57	-9.57	-9.57

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

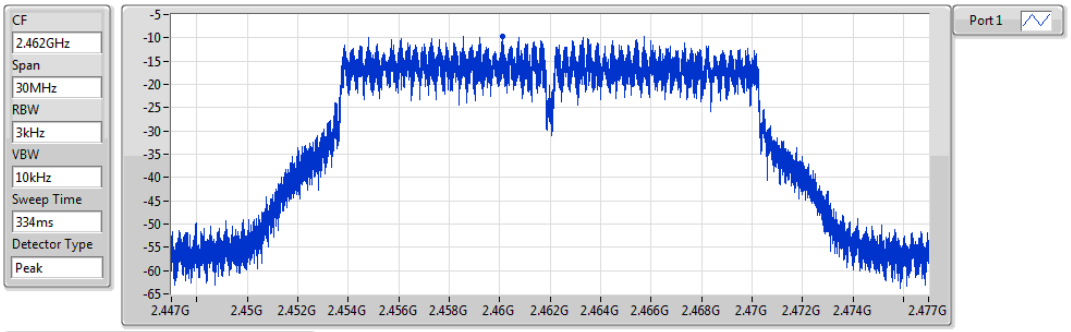
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.70	-3.70	-3.70

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

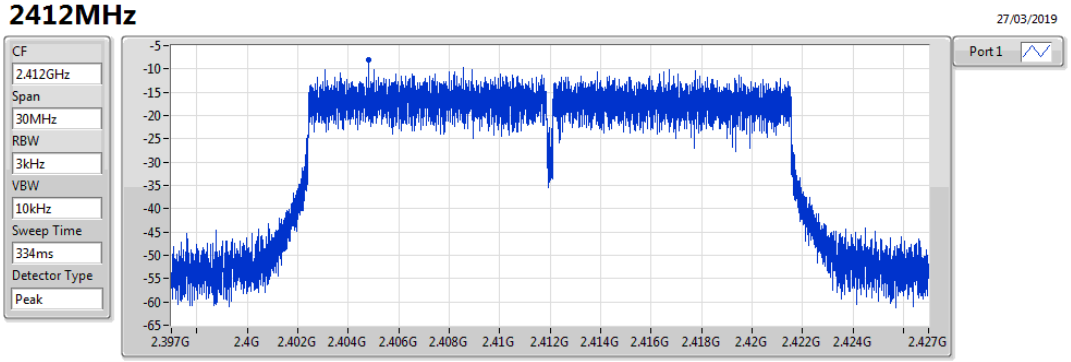
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.58	-9.58	-9.58

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

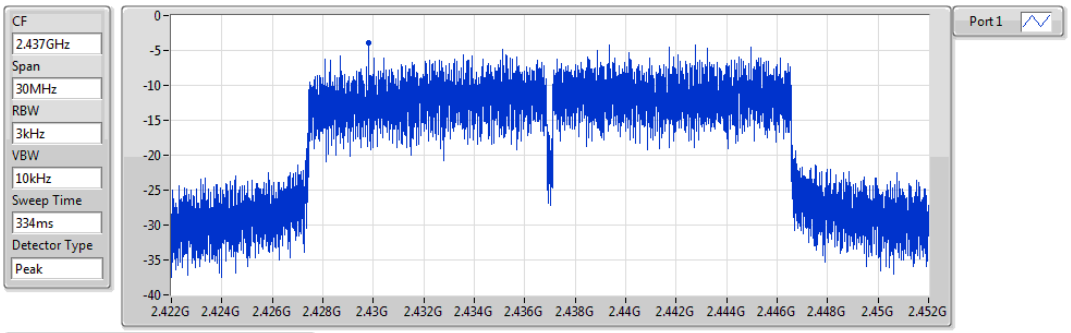
2412MHz



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

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

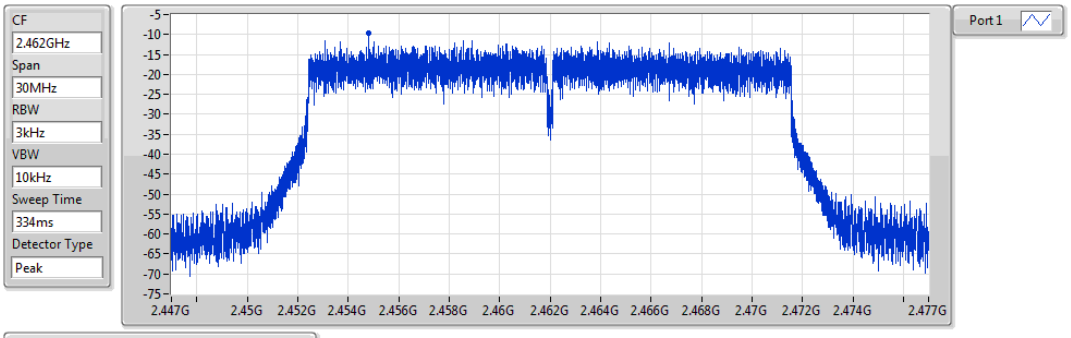
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.93	-3.93	-3.93

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

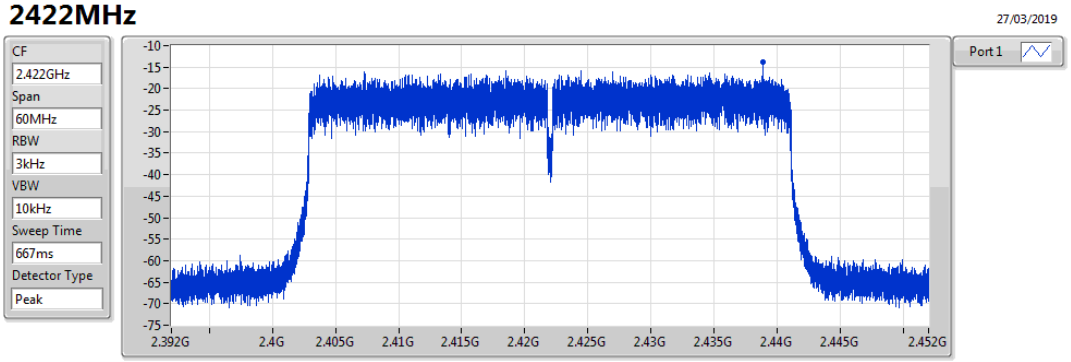
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.74	-9.74	-9.74

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

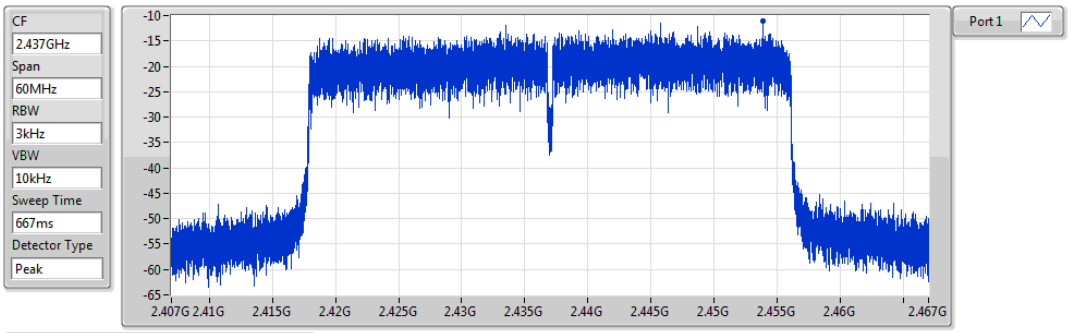
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.84	-13.84	-13.84

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

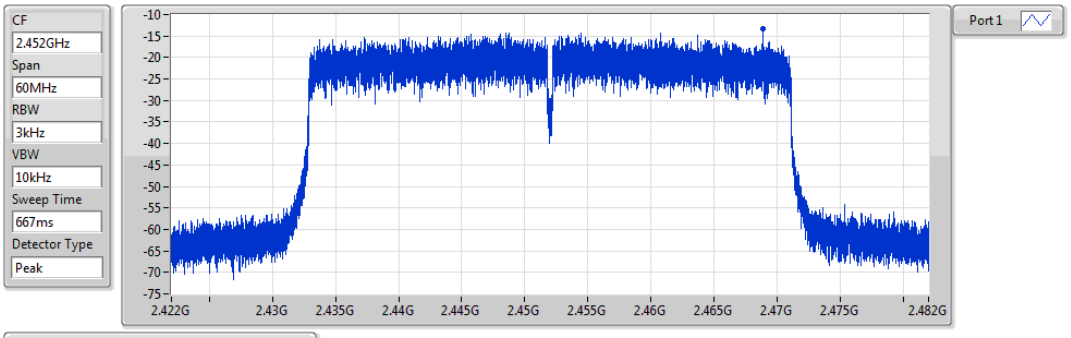
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.04	-11.04	-11.04

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

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.35	-13.35	-13.35

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	-4.13
802.11ax HEW40_Nss2,(MCS0)_2TX	-11.66

RBW=3kHz.

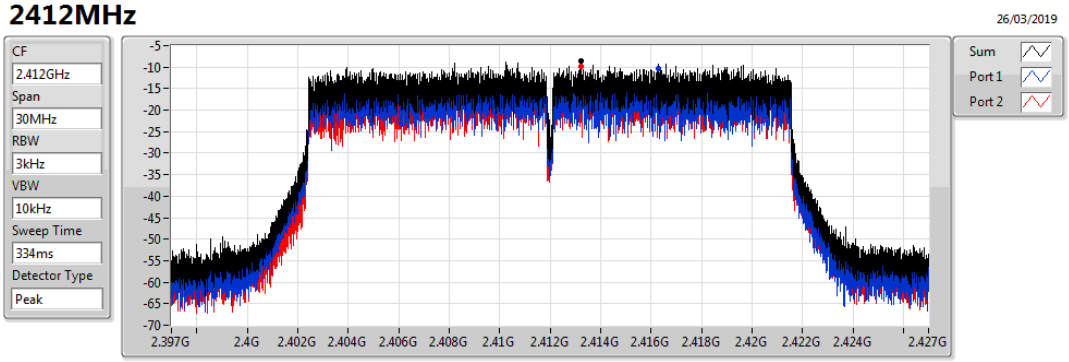
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.89	-10.42	-9.88	-8.65	6.11
2437MHz	Pass	7.89	-6.95	-6.30	-4.13	6.11
2462MHz	Pass	7.89	-10.84	-11.18	-9.22	6.11
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.89	-14.38	-13.69	-12.52	6.11
2437MHz	Pass	7.89	-13.10	-12.64	-11.66	6.11
2452MHz	Pass	7.89	-13.53	-13.57	-12.16	6.11

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

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

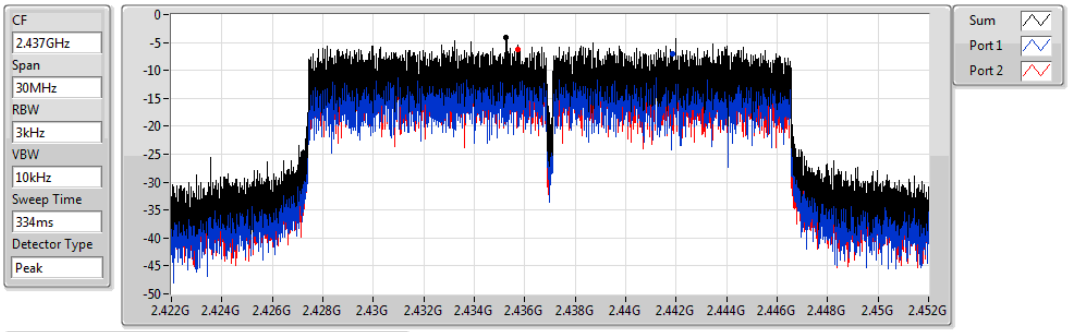
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.65	-8.65	-10.42	-9.88

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

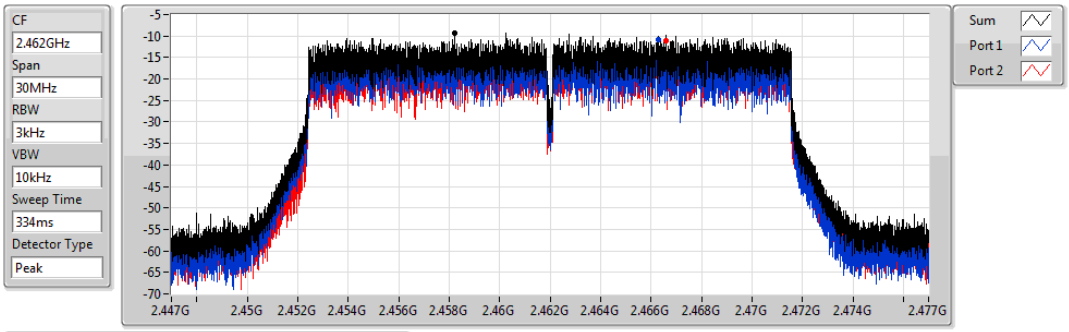
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-6.95	-6.30

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

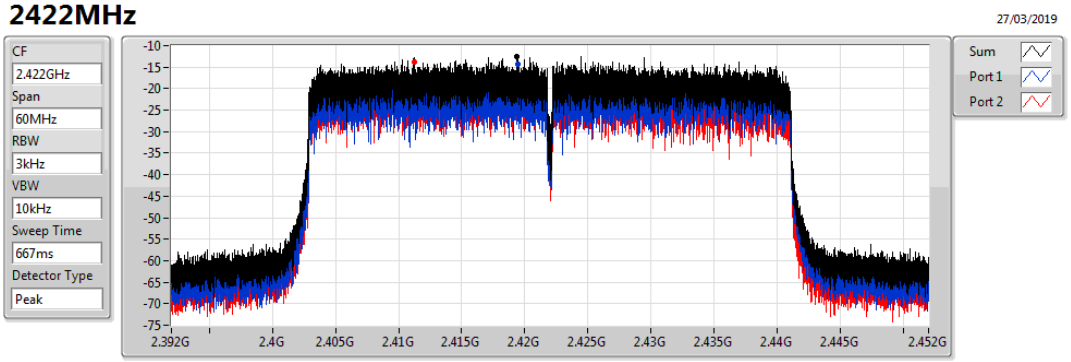
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.22	-9.22	-10.84	-11.18

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

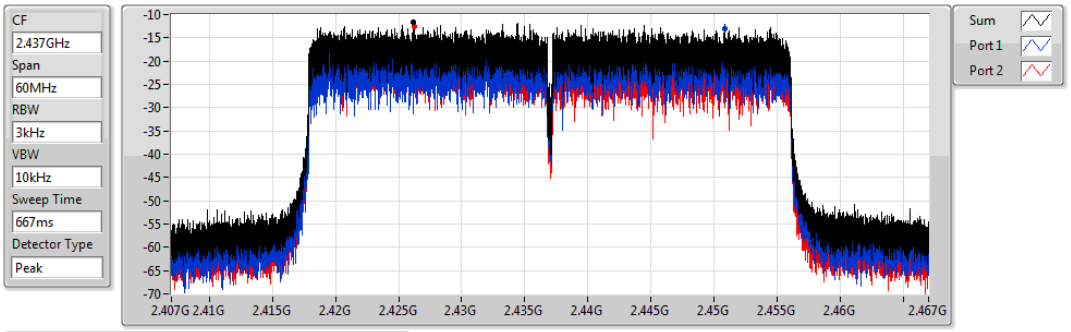
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.52	-12.52	-14.38	-13.69

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

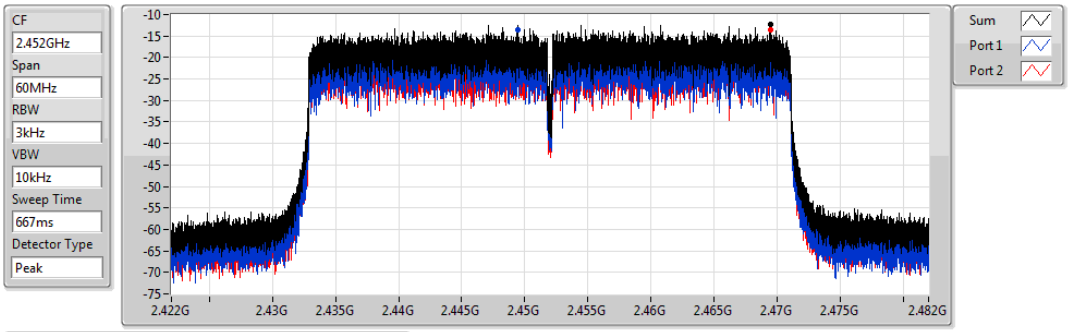
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.66	-11.66	-13.10	-12.64

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.16	-12.16	-13.53	-13.57

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-6.12
802.11g_Nss1,(6Mbps)_4TX	-1.85
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.78
802.11ax HEW40_Nss1,(MCS0)_4TX	-8.26

RBW=3kHz.

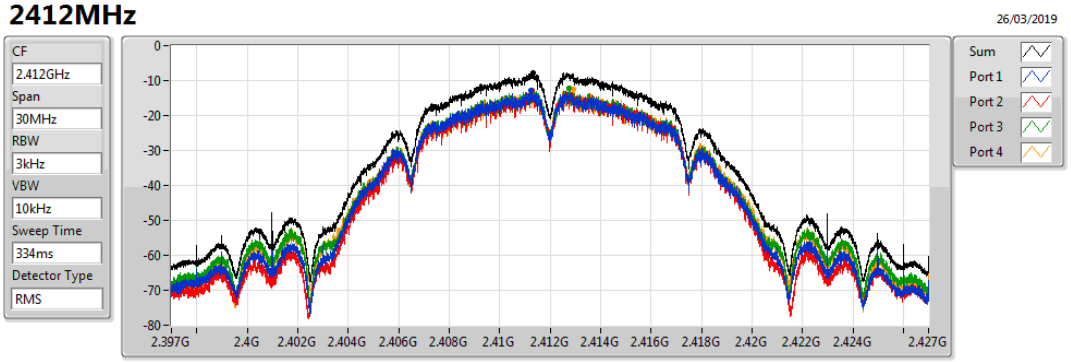
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.91	-12.76	-12.67	-12.07	-12.35	-7.73	0.09
2437MHz	Pass	13.91	-11.17	-11.13	-10.62	-11.49	-6.12	0.09
2462MHz	Pass	13.91	-12.19	-13.01	-12.01	-12.14	-7.48	0.09
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.91	-12.70	-11.55	-11.97	-11.09	-5.83	0.09
2437MHz	Pass	13.91	-7.72	-8.67	-6.96	-6.79	-1.85	0.09
2462MHz	Pass	13.91	-12.61	-12.69	-11.72	-12.66	-6.78	0.09
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.91	-11.44	-12.42	-11.21	-10.92	-5.44	0.09
2437MHz	Pass	13.91	-7.44	-8.30	-5.92	-6.01	-0.78	0.09
2462MHz	Pass	13.91	-13.52	-13.78	-13.02	-11.94	-7.48	0.09
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	13.91	-15.63	-14.58	-14.45	-15.00	-8.88	0.09
2437MHz	Pass	13.91	-14.11	-14.33	-12.99	-13.70	-8.26	0.09
2452MHz	Pass	13.91	-15.89	-14.52	-13.40	-15.87	-8.93	0.09

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

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

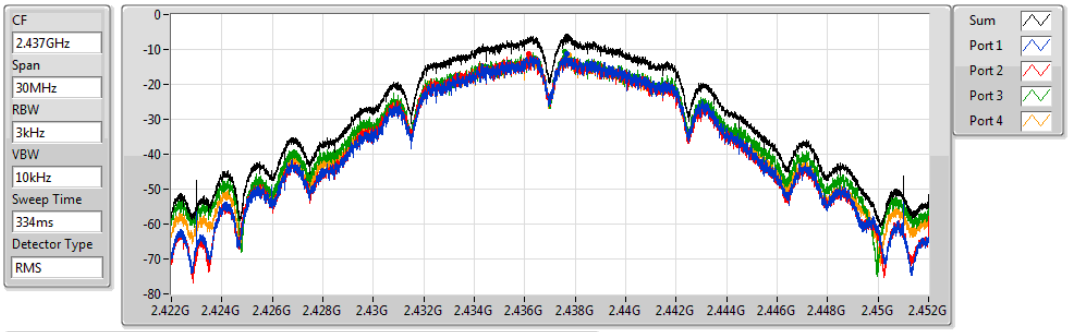
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.73	-7.73	-12.76	-12.67	-12.07	-12.35

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

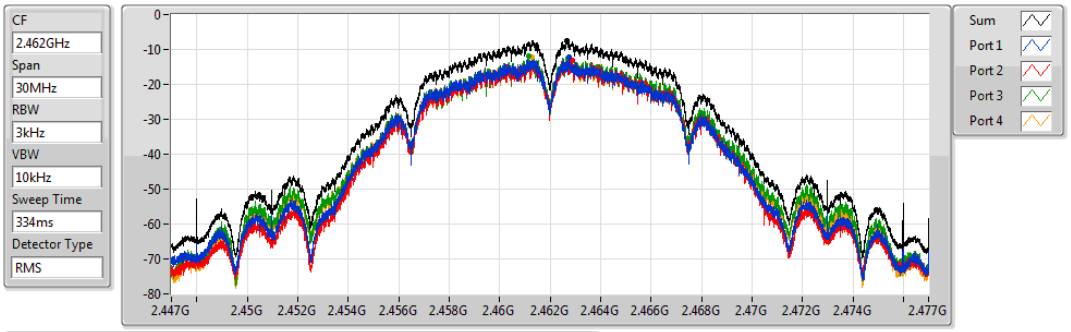
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.12	-6.12	-11.17	-11.13	-10.62	-11.49

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

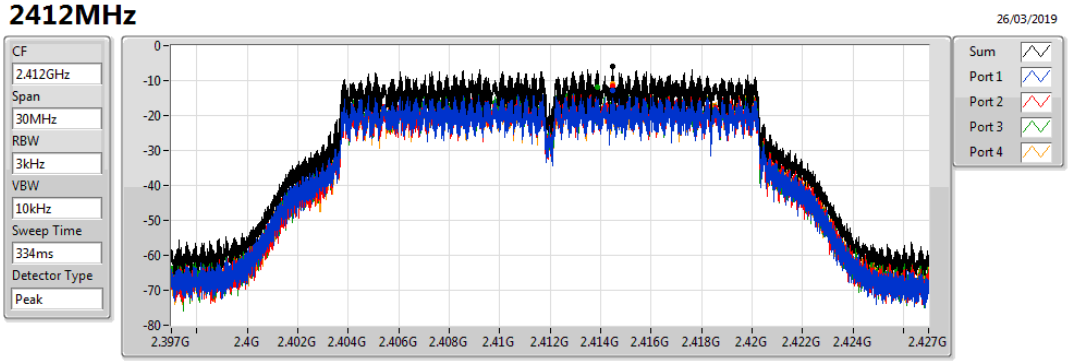
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-12.19	-13.01	-12.01	-12.14

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

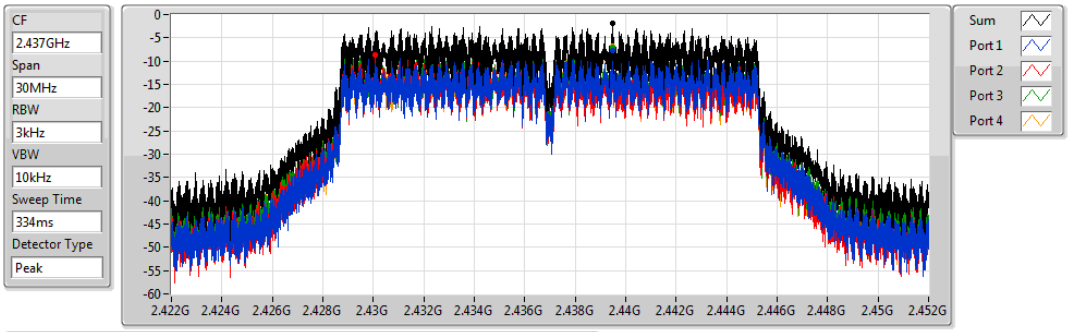
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.83	-5.83	-12.70	-11.55	-11.97	-11.09

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

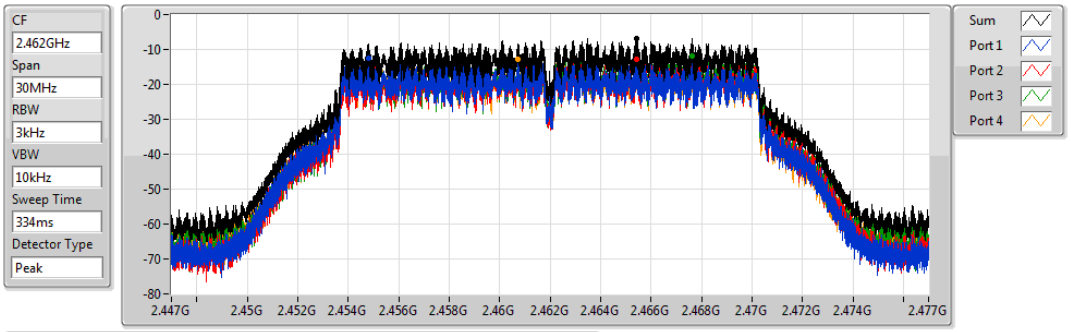
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-7.72	-8.67	-6.96	-6.79

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

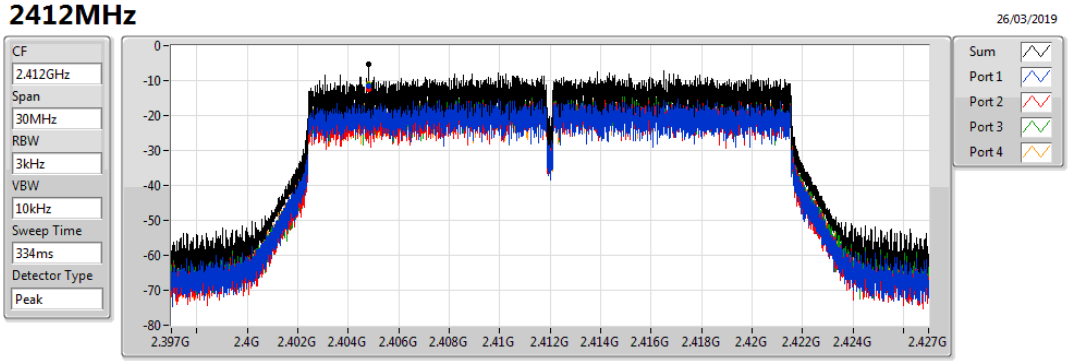
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.78	-6.78	-12.61	-12.69	-11.72	-12.66

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

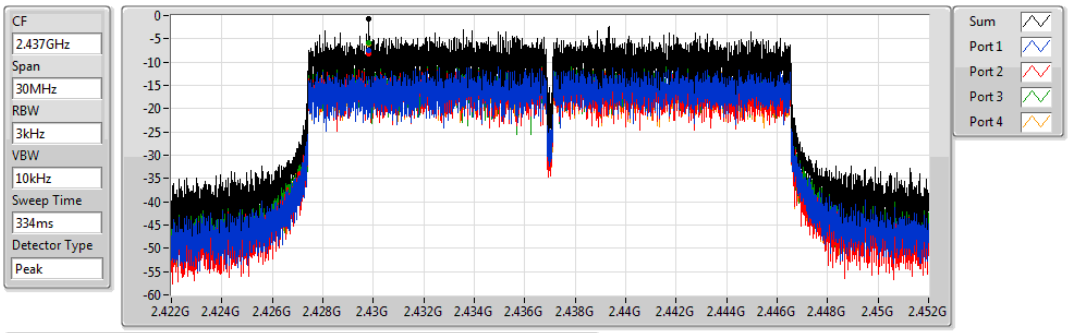
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.44	-5.44	-11.44	-12.42	-11.21	-10.92

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

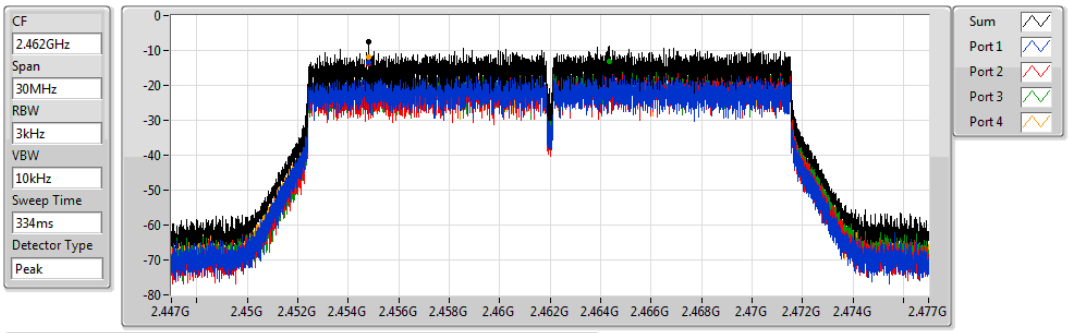
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-7.44	-8.30	-5.92	-6.01

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

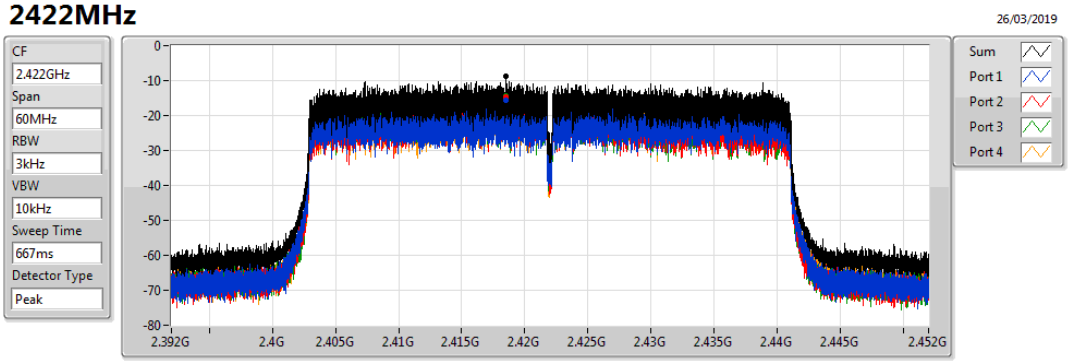
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-13.52	-13.78	-13.02	-11.94

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

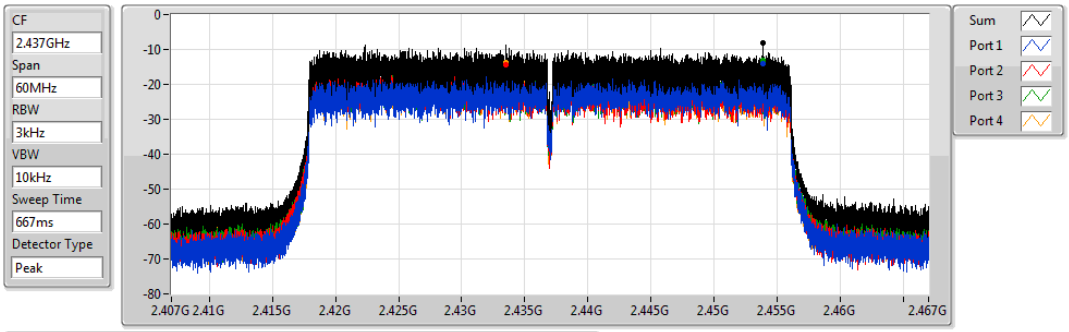
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.88	-8.88	-15.63	-14.58	-14.45	-15.00

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

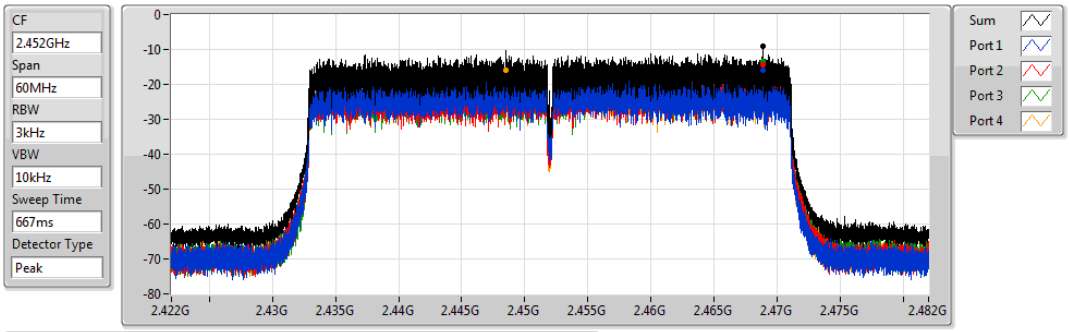
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.26	-8.26	-14.11	-14.33	-12.99	-13.70

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

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.93	-8.93	-15.89	-14.52	-13.40	-15.87

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-5.81
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-12.76

RBW=3kHz.

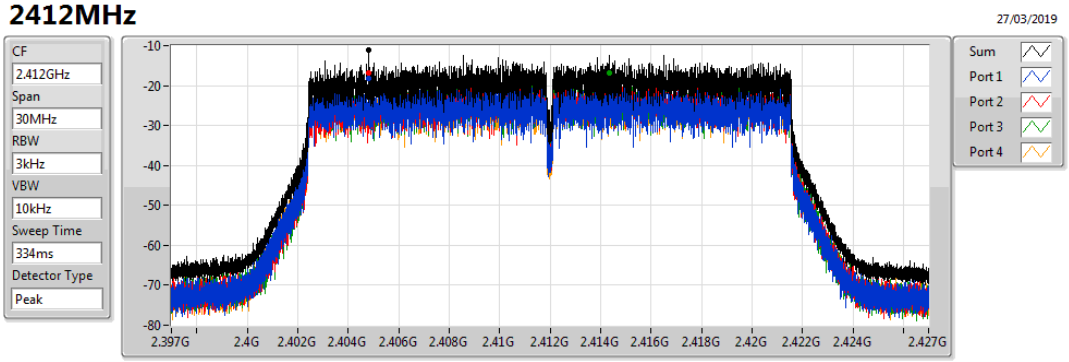
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	13.91	-18.30	-16.87	-16.77	-16.77	-11.16	0.09
2437MHz	Pass	13.91	-13.25	-11.70	-11.09	-11.56	-5.81	0.09
2462MHz	Pass	13.91	-17.14	-19.09	-16.51	-15.83	-11.11	0.09
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	13.91	-21.63	-21.00	-20.60	-20.65	-14.93	0.09
2437MHz	Pass	13.91	-17.99	-19.06	-18.21	-18.40	-12.76	0.09
2452MHz	Pass	13.91	-21.37	-20.03	-18.94	-21.21	-14.26	0.09

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

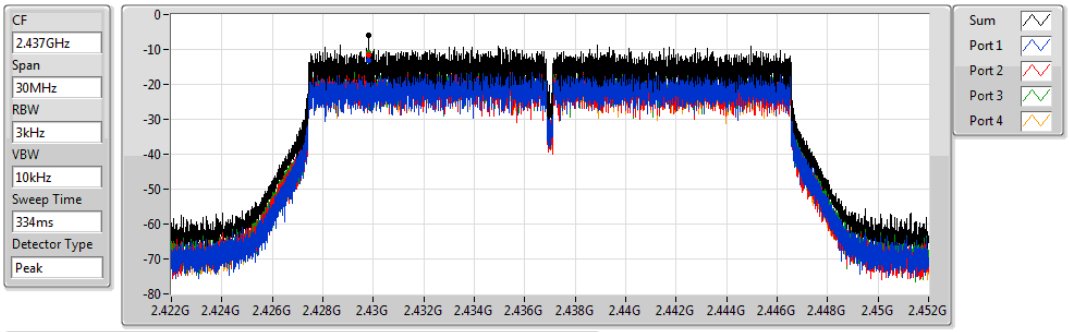
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.16	-11.16	-18.30	-16.87	-16.77	-16.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

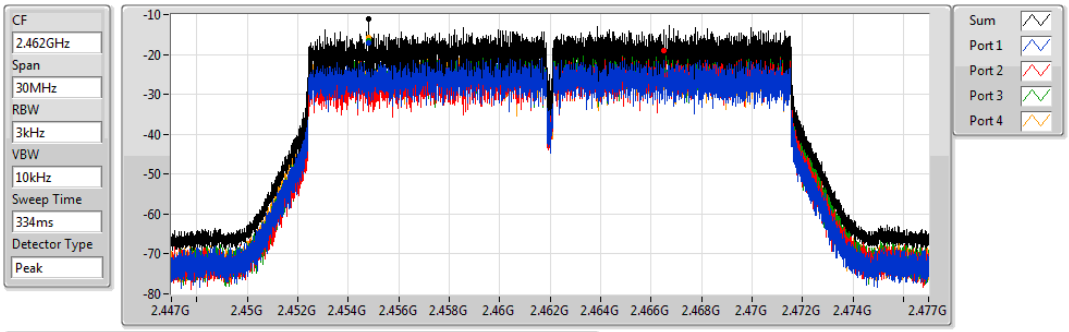
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.81	-5.81	-13.25	-11.70	-11.09	-11.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

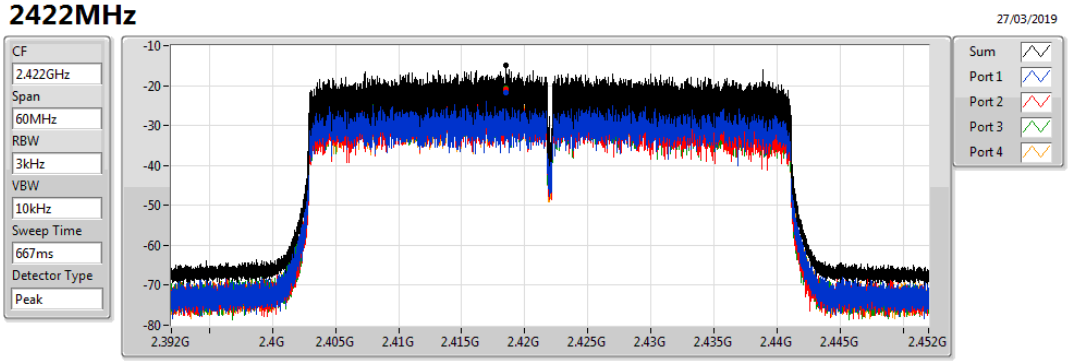
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.11	-11.11	-17.14	-19.09	-16.51	-15.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

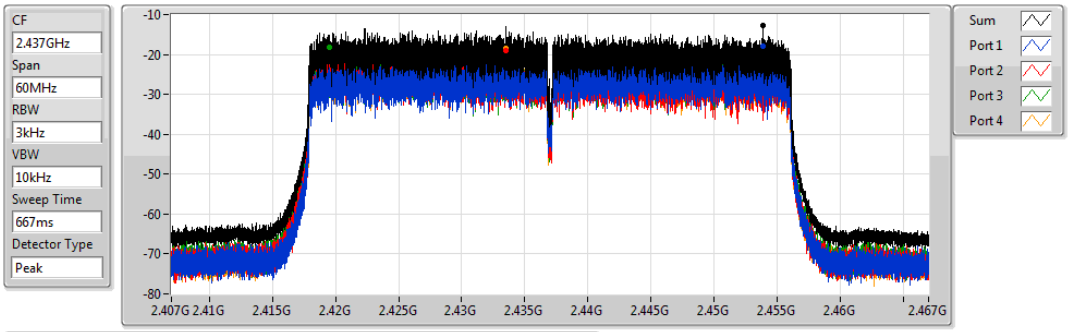
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.93	-14.93	-21.63	-21.00	-20.60	-20.65

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

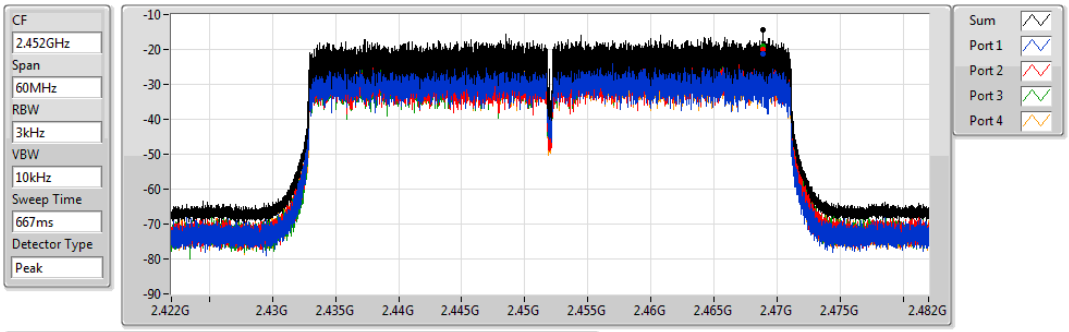
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.76	-12.76	-17.99	-19.06	-18.21	-18.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.26	-14.26	-21.37	-20.03	-18.94	-21.21

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	-4.12
802.11ax HEW40_Nss4,(MCS0)_4TX	-9.58

RBW=3kHz.

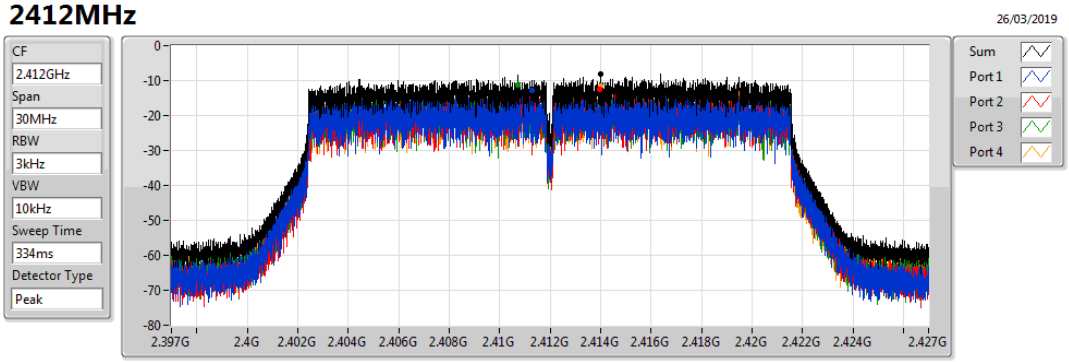
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	7.89	-12.83	-12.48	-11.15	-11.68	-8.13	6.11
2437MHz	Pass	7.89	-8.33	-8.03	-6.95	-7.75	-4.12	6.11
2462MHz	Pass	7.89	-13.29	-12.81	-12.41	-12.54	-8.72	6.11
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	7.89	-16.74	-16.13	-15.23	-14.73	-10.45	6.11
2437MHz	Pass	7.89	-15.99	-15.31	-15.07	-14.42	-9.58	6.11
2452MHz	Pass	7.89	-16.93	-16.42	-15.57	-15.84	-11.84	6.11

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

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

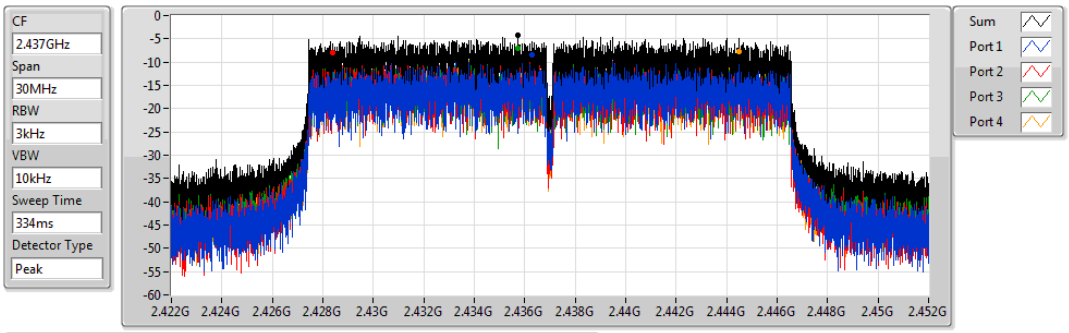
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.13	-8.13	-12.83	-12.48	-11.15	-11.68

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

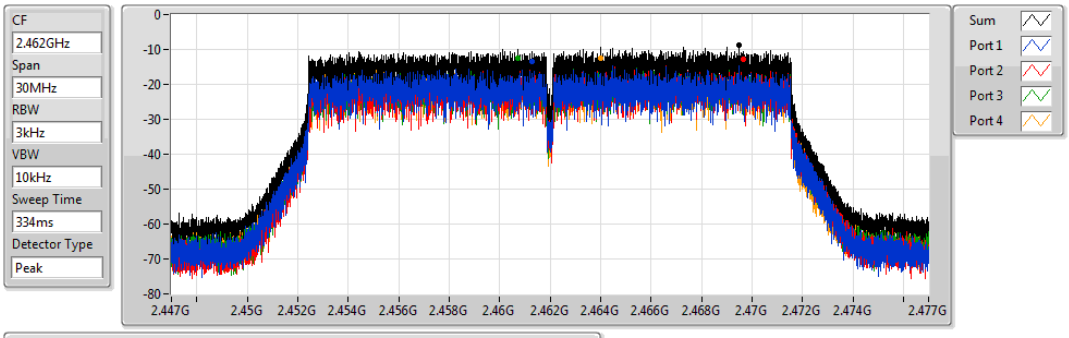
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-8.33	-8.03	-6.95	-7.75

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

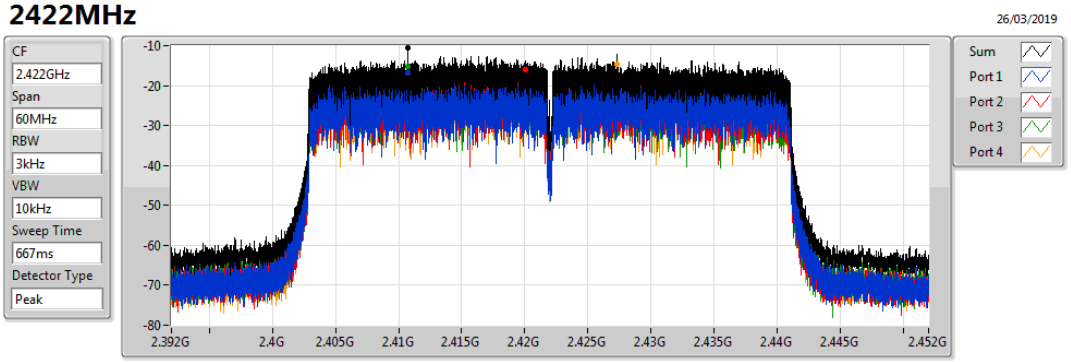
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.72	-8.72	-13.29	-12.81	-12.41	-12.54

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

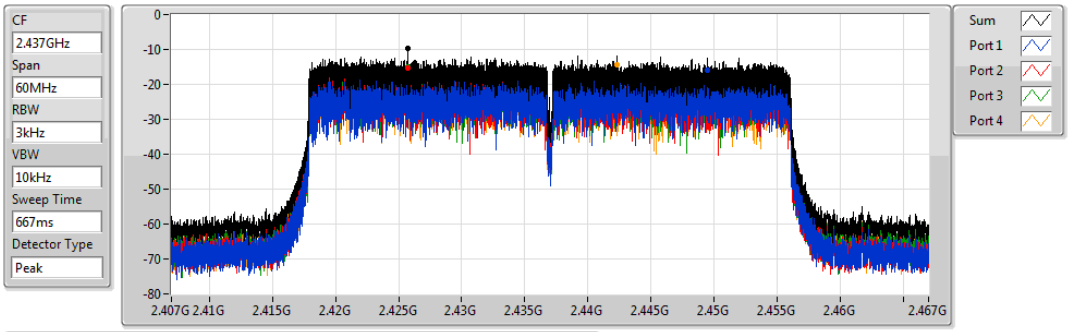
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.45	-10.45	-16.74	-16.13	-15.23	-14.73

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

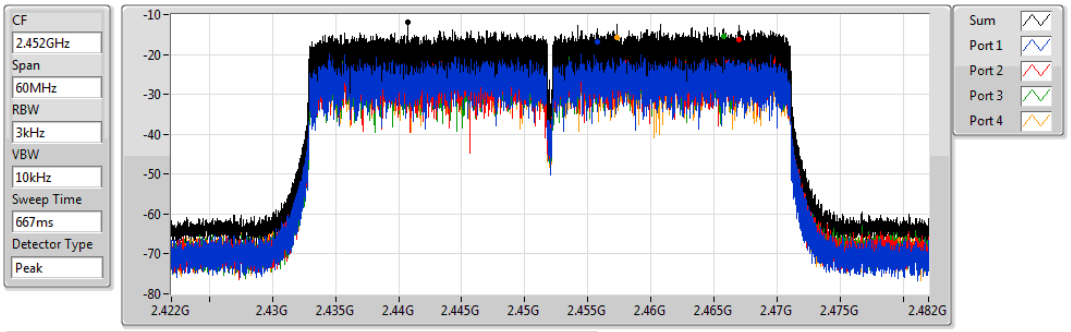
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.58	-9.58	-15.99	-15.31	-15.07	-14.42

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.84	-11.84	-16.93	-16.42	-15.57	-15.84

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	0.48
802.11g_Nss1,(6Mbps)_1TX	-4.16
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.58
802.11ax HEW40_Nss1,(MCS0)_1TX	-11.36

RBW=3kHz.

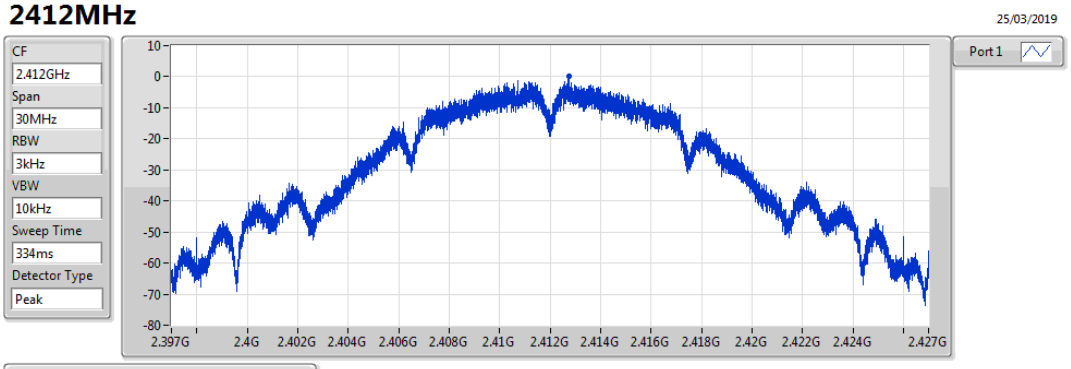
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.22	0.14	0.14	7.78
2437MHz	Pass	6.22	0.48	0.48	7.78
2462MHz	Pass	6.22	-0.77	-0.77	7.78
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	6.22	-10.01	-10.01	7.78
2437MHz	Pass	6.22	-4.16	-4.16	7.78
2462MHz	Pass	6.22	-9.87	-9.87	7.78
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	6.22	-8.72	-8.72	7.78
2437MHz	Pass	6.22	-4.58	-4.58	7.78
2462MHz	Pass	6.22	-10.39	-10.39	7.78
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	6.22	-13.64	-13.64	7.78
2437MHz	Pass	6.22	-11.36	-11.36	7.78
2452MHz	Pass	6.22	-13.75	-13.75	7.78

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

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

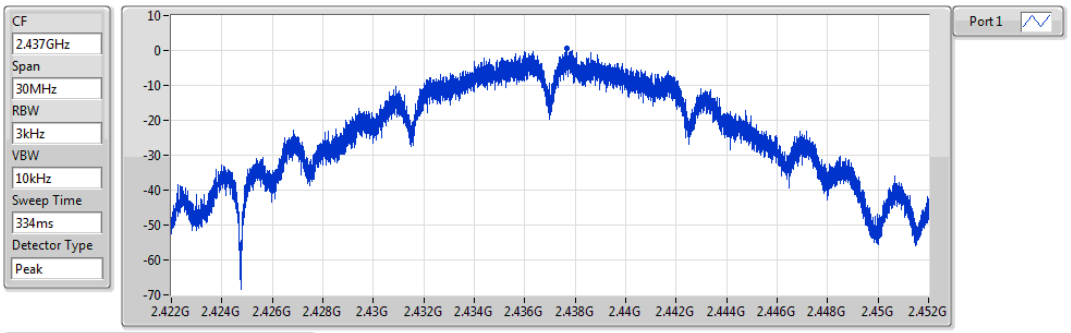
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	0.14

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

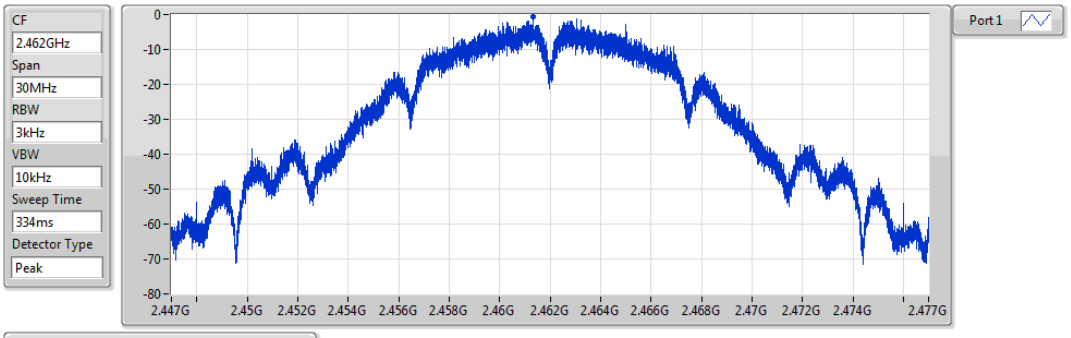
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.48	0.48	0.48

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

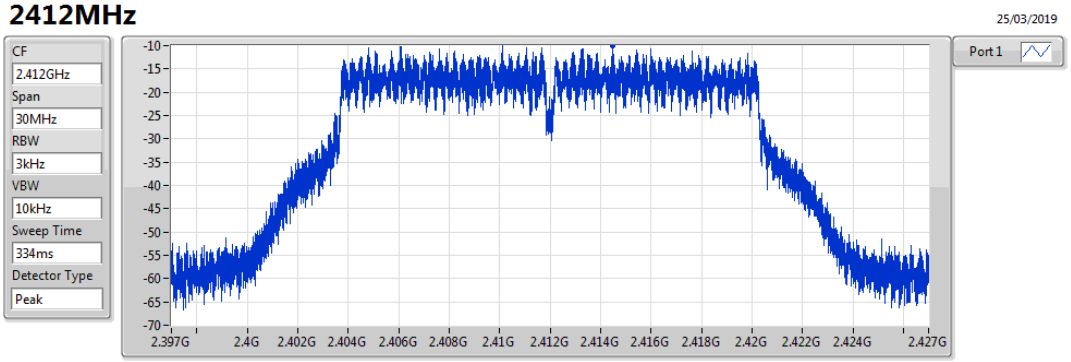
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-0.77

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

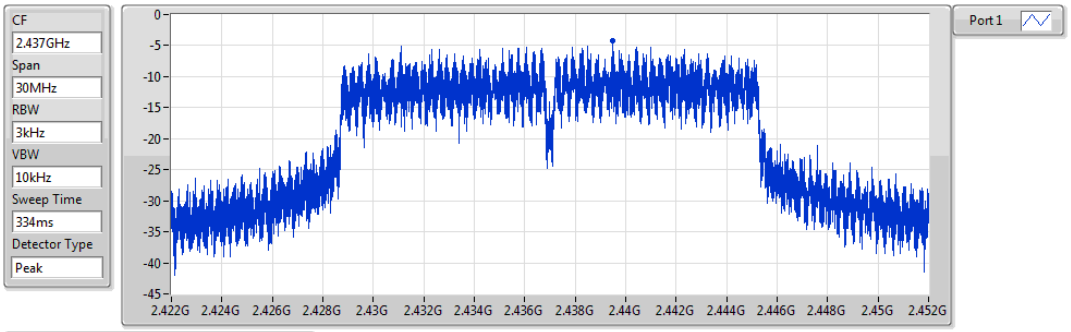
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.01	-10.01	-10.01

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

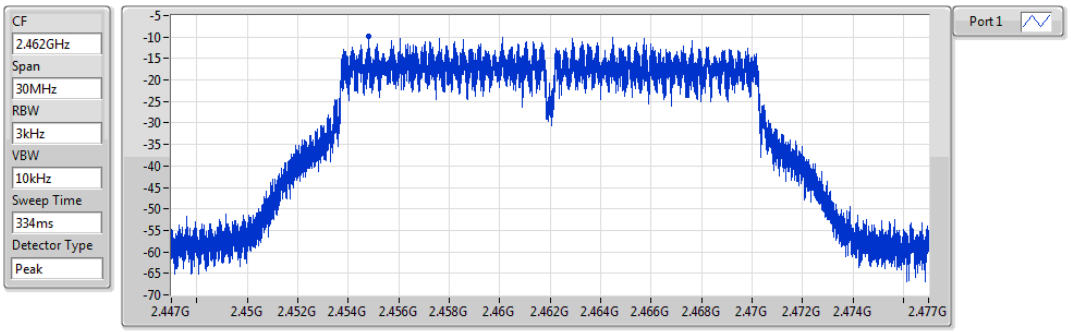
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.16	-4.16	-4.16

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

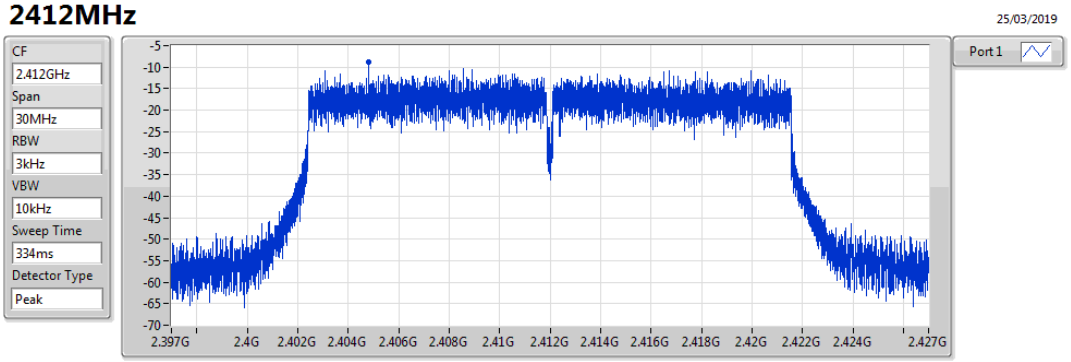
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.87	-9.87	-9.87

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

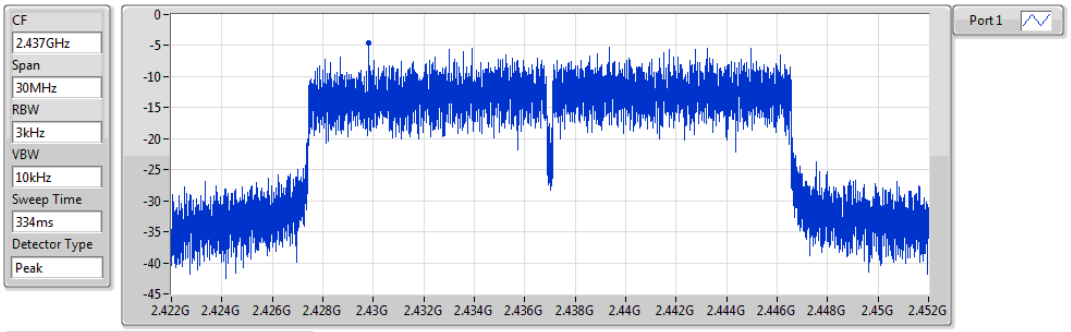
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.72	-8.72	-8.72

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

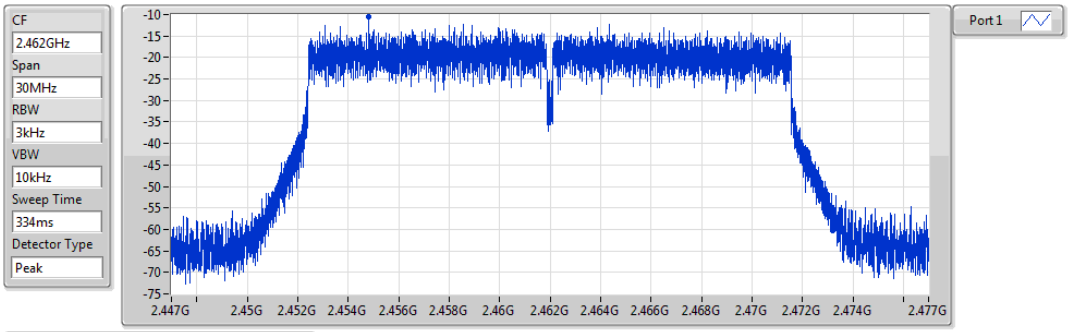
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.58	-4.58	-4.58

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

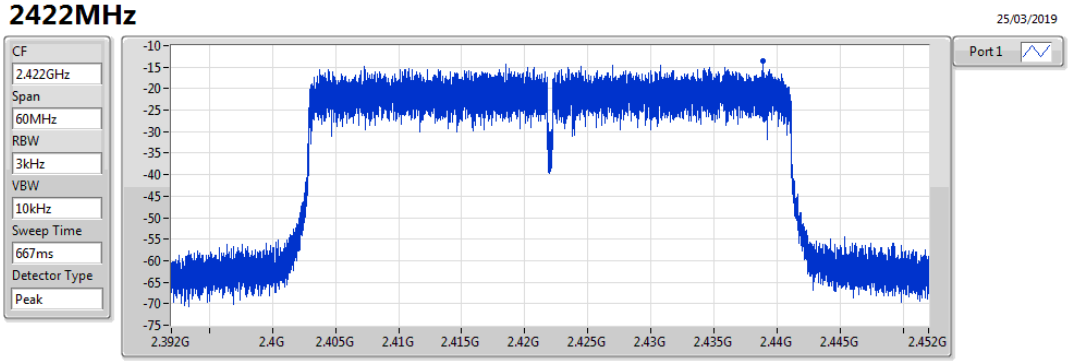
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.39	-10.39	-10.39

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

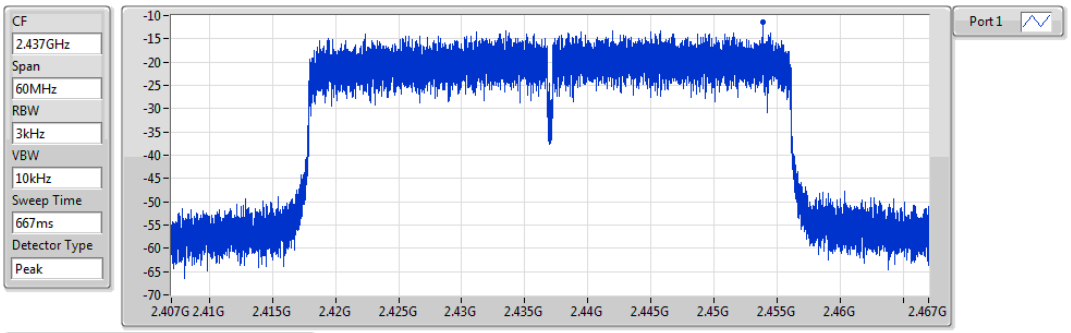
2422MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.64	-13.64	-13.64

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

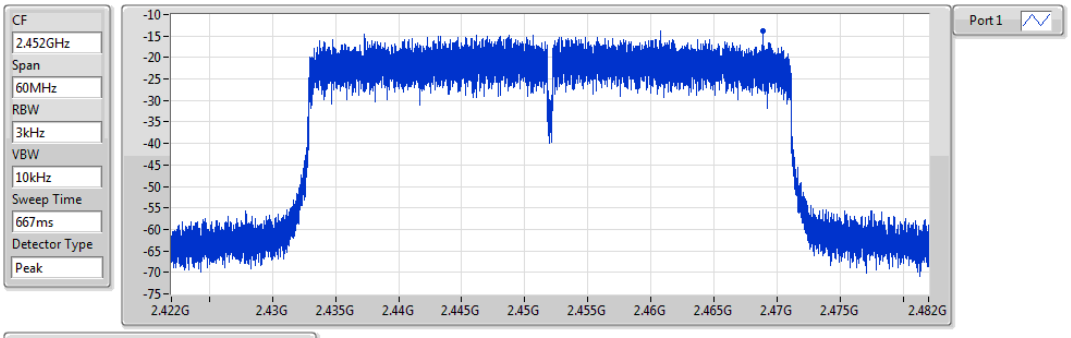
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.36	-11.36	-11.36

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

2452MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.75	-13.75	-13.75

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	-4.50
802.11ax HEW40_Nss2,(MCS0)_2TX	-12.92

RBW=3kHz.

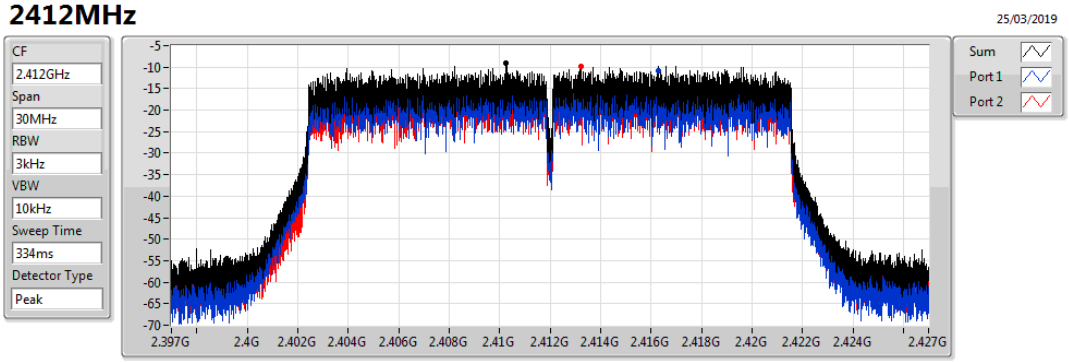
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.22	-10.85	-9.95	-9.15	7.78
2437MHz	Pass	6.22	-6.15	-6.66	-4.50	7.78
2462MHz	Pass	6.22	-11.65	-11.52	-9.85	7.78
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.22	-16.44	-14.97	-13.67	7.78
2437MHz	Pass	6.22	-14.74	-13.80	-12.92	7.78
2452MHz	Pass	6.22	-15.90	-14.99	-13.31	7.78

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

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

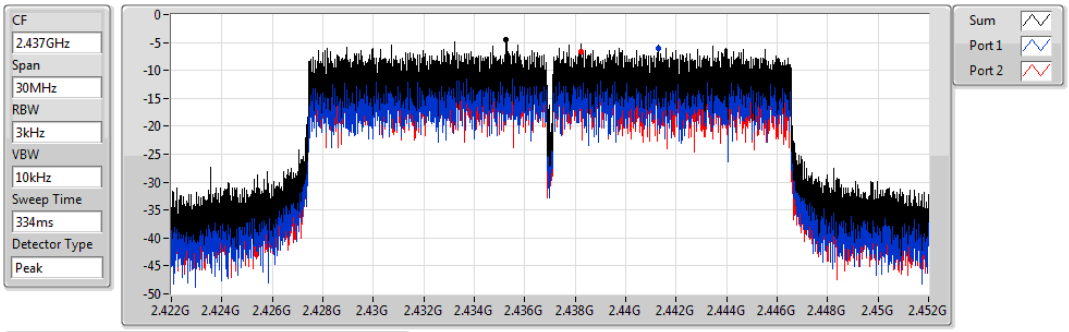
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.15	-9.15	-10.85	-9.95

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

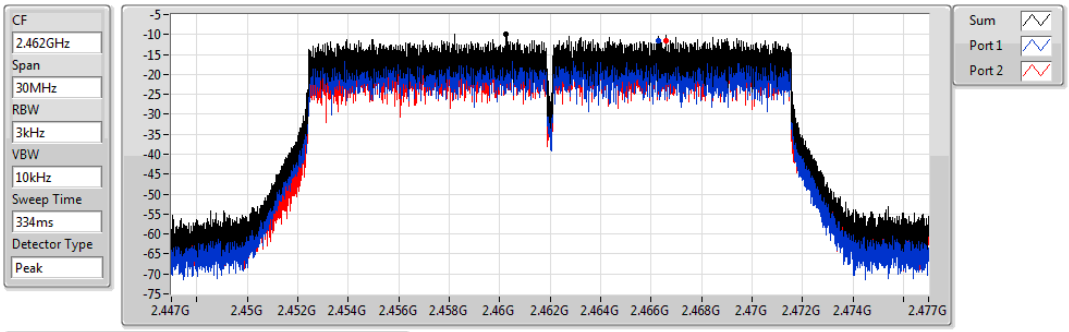
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.50	-4.50	-6.15	-6.66

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

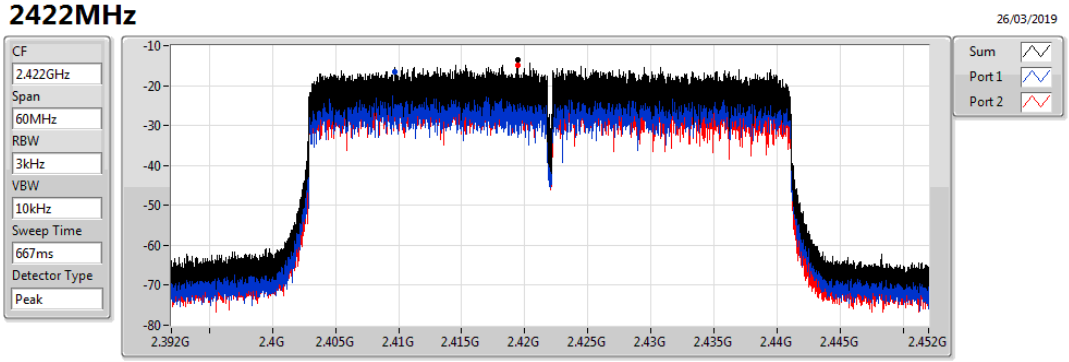
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.85	-9.85	-11.65	-11.52

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

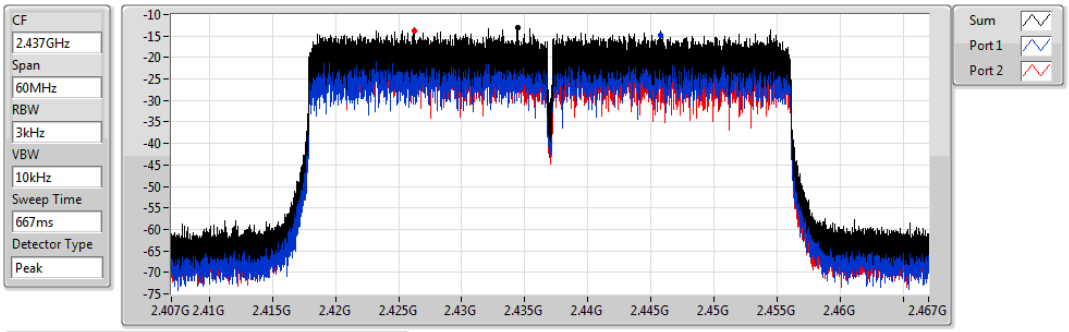
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.67	-13.67	-16.44	-14.97

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

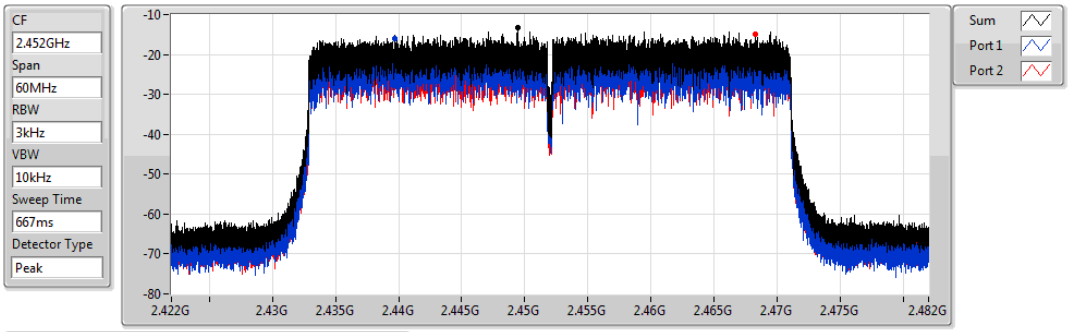
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.92	-12.92	-14.74	-13.80

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.31	-13.31	-15.90	-14.99

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-5.57
802.11g_Nss1,(6Mbps)_4TX	-1.85
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.78
802.11ax HEW40_Nss1,(MCS0)_4TX	-8.26

RBW=3kHz.

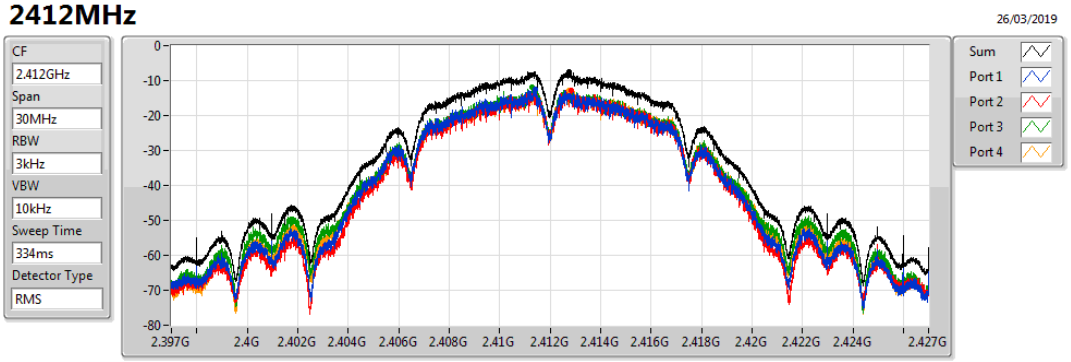
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.24	-12.44	-12.83	-11.95	-12.68	-7.46	1.76
2437MHz	Pass	12.24	-10.83	-11.25	-10.60	-10.89	-5.57	1.76
2462MHz	Pass	12.24	-12.19	-13.01	-12.01	-12.14	-7.48	1.76
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.24	-12.89	-12.52	-10.48	-10.67	-5.58	1.76
2437MHz	Pass	12.24	-7.72	-8.67	-6.96	-6.79	-1.85	1.76
2462MHz	Pass	12.24	-12.61	-12.69	-11.72	-12.66	-6.78	1.76
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.24	-11.53	-12.97	-11.75	-11.33	-5.91	1.76
2437MHz	Pass	12.24	-7.44	-8.30	-5.92	-6.01	-0.78	1.76
2462MHz	Pass	12.24	-13.52	-13.78	-13.02	-11.94	-7.48	1.76
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	12.24	-15.63	-14.58	-14.45	-15.00	-8.88	1.76
2437MHz	Pass	12.24	-14.11	-14.33	-12.99	-13.70	-8.26	1.76
2452MHz	Pass	12.24	-15.85	-14.10	-12.86	-15.34	-8.36	1.76

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

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

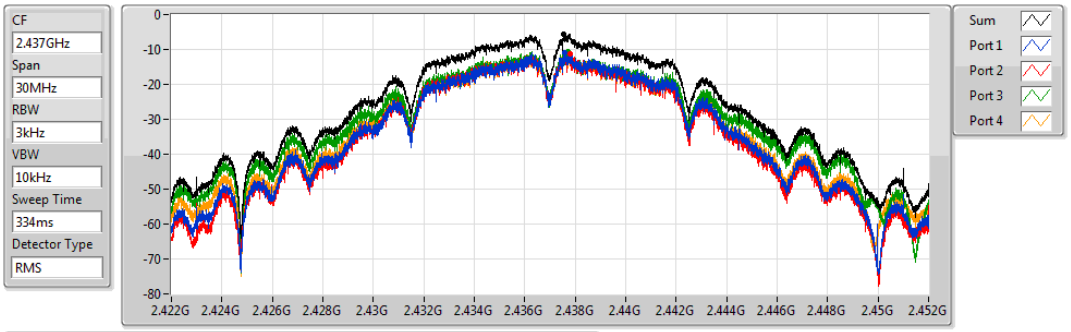
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.46	-7.46	-12.44	-12.83	-11.95	-12.68

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

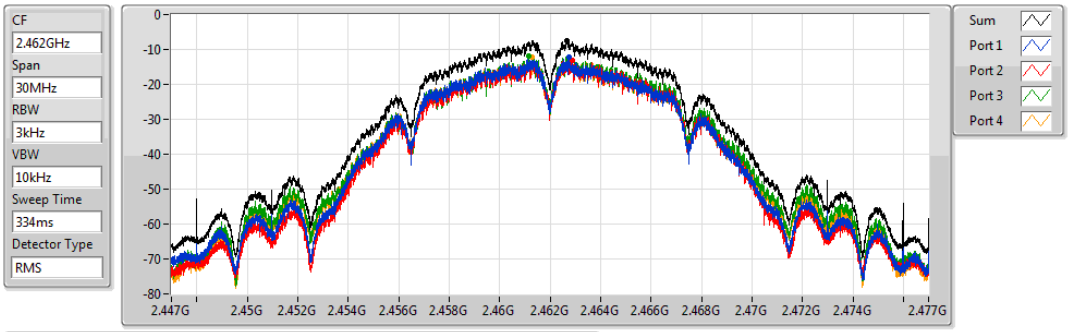
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.57	-5.57	-10.83	-11.25	-10.60	-10.89

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

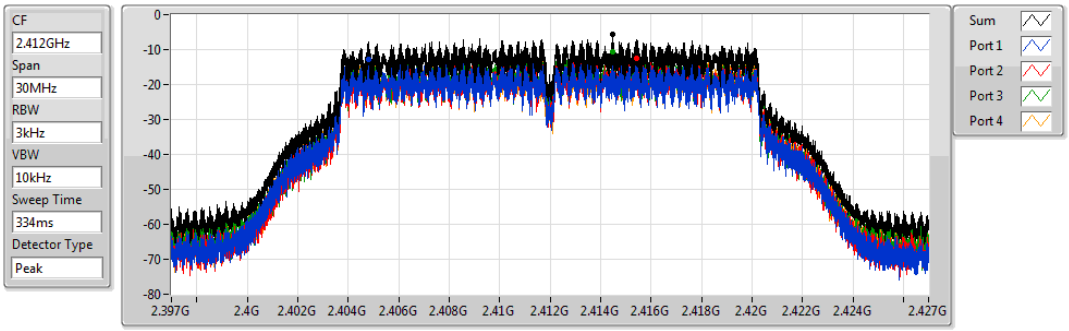
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-12.19	-13.01	-12.01	-12.14

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

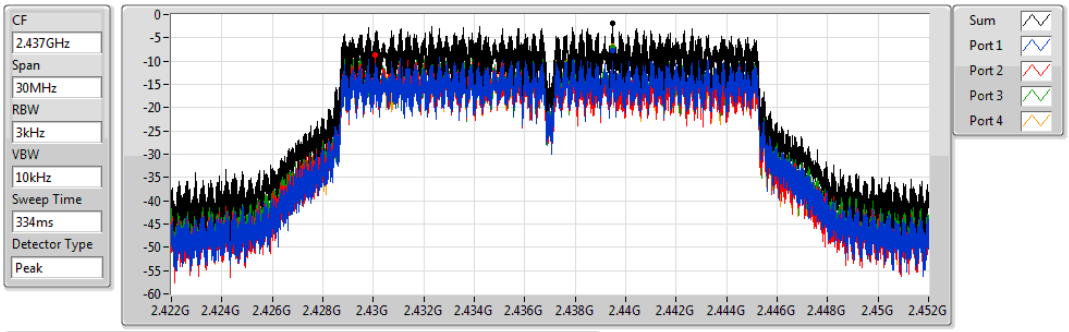
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.58	-5.58	-12.89	-12.52	-10.48	-10.67

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

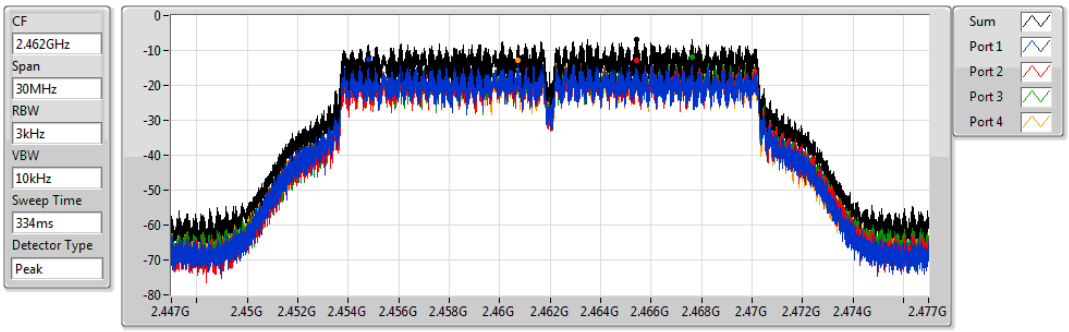
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-7.72	-8.67	-6.96	-6.79

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

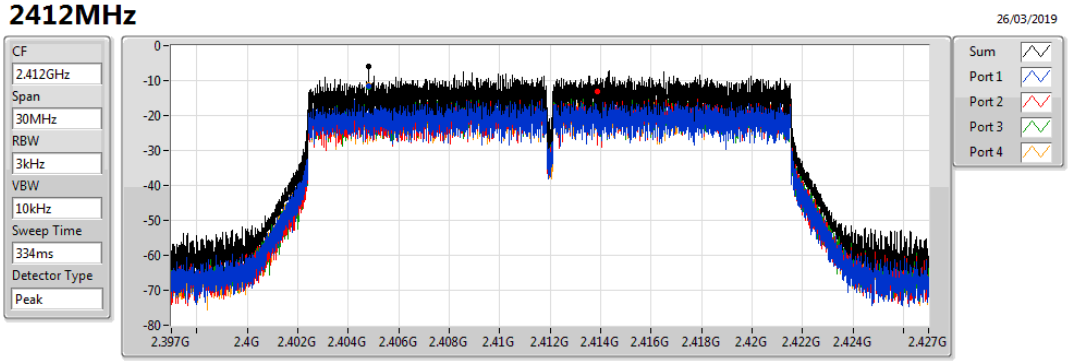
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.78	-6.78	-12.61	-12.69	-11.72	-12.66

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

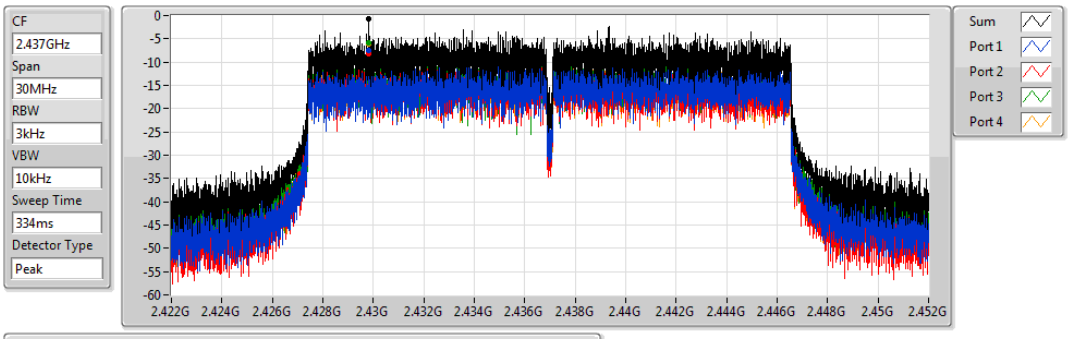
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.91	-5.91	-11.53	-12.97	-11.75	-11.33

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

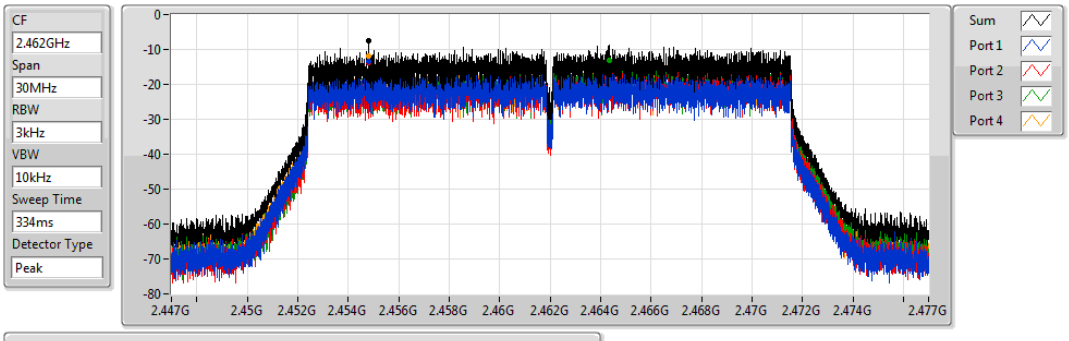
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-7.44	-8.30	-5.92	-6.01

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

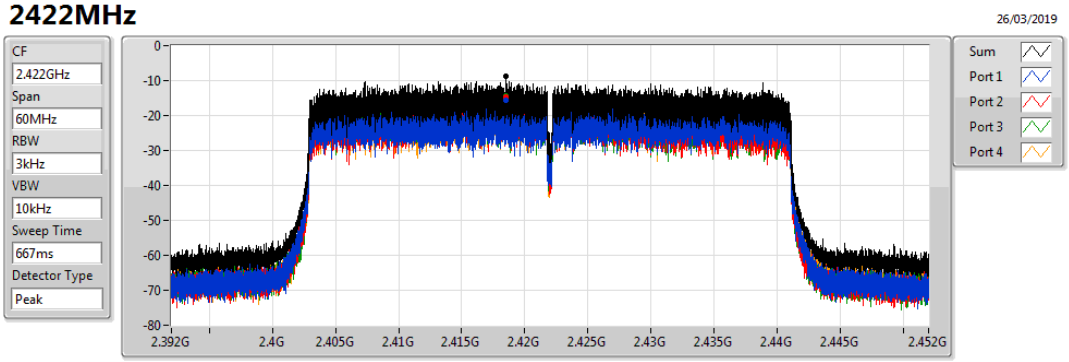
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-13.52	-13.78	-13.02	-11.94

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

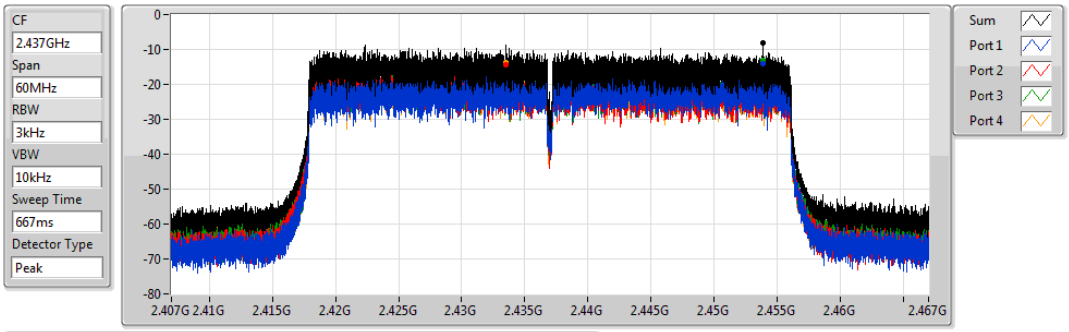
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.88	-8.88	-15.63	-14.58	-14.45	-15.00

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

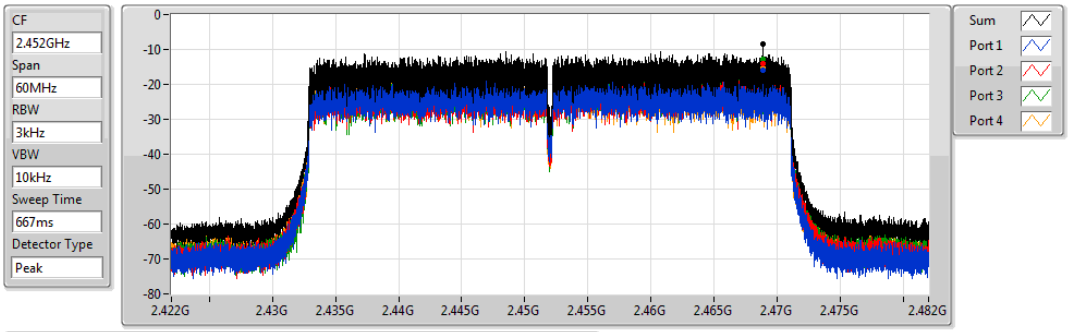
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.26	-8.26	-14.11	-14.33	-12.99	-13.70

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

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.36	-8.36	-15.85	-14.10	-12.86	-15.34

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-6.97
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-12.71

RBW=3kHz.

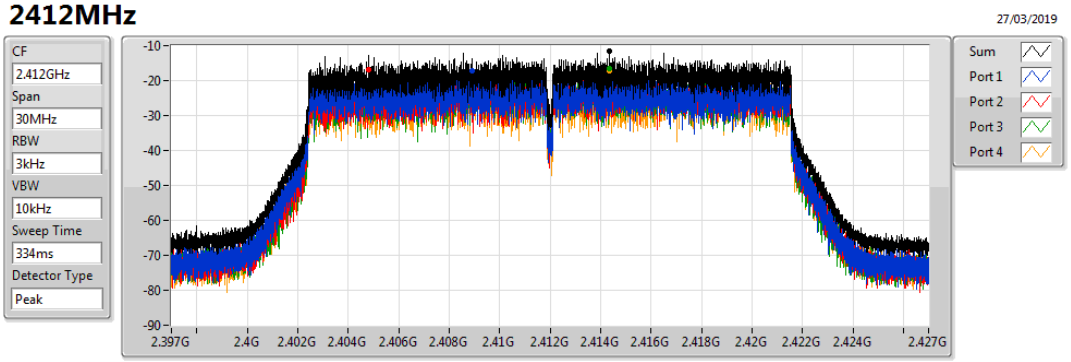
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	12.24	-17.05	-16.74	-16.46	-17.13	-11.59	1.76
2437MHz	Pass	12.24	-13.99	-11.89	-12.76	-13.61	-6.97	1.76
2462MHz	Pass	12.24	-17.71	-18.67	-16.98	-16.29	-12.34	1.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	12.24	-20.34	-19.87	-19.91	-20.47	-14.48	1.76
2437MHz	Pass	12.24	-19.55	-18.50	-17.31	-17.77	-12.71	1.76
2452MHz	Pass	12.24	-21.50	-18.82	-17.05	-20.79	-13.16	1.76

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

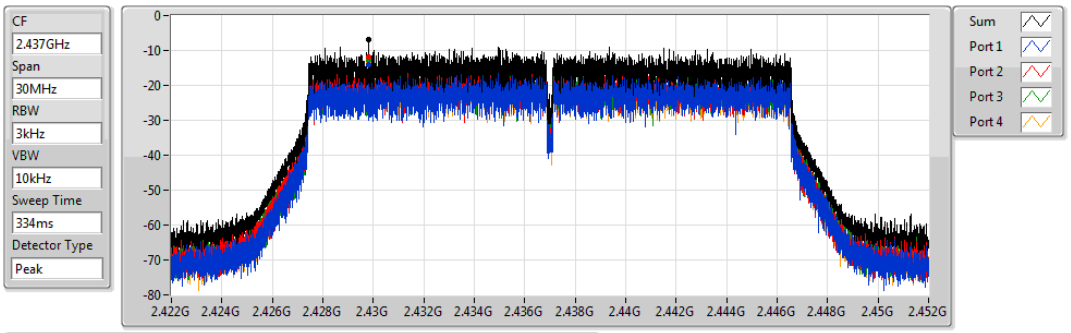
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.59	-11.59	-17.05	-16.74	-16.46	-17.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

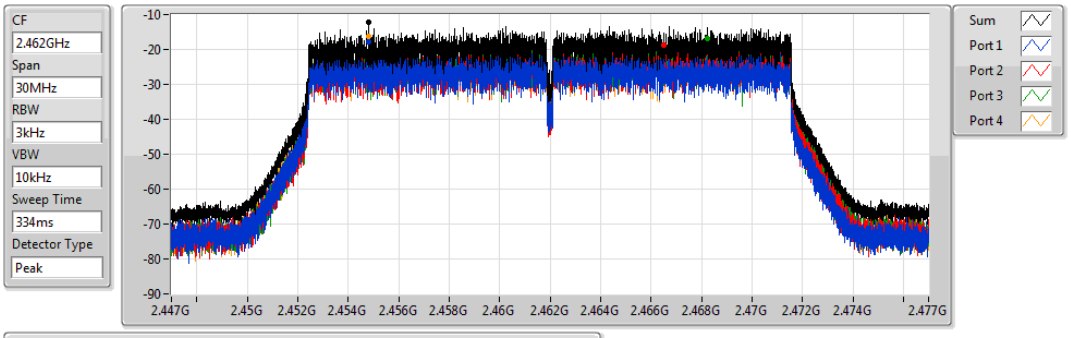
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.97	-6.97	-13.99	-11.89	-12.76	-13.61

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

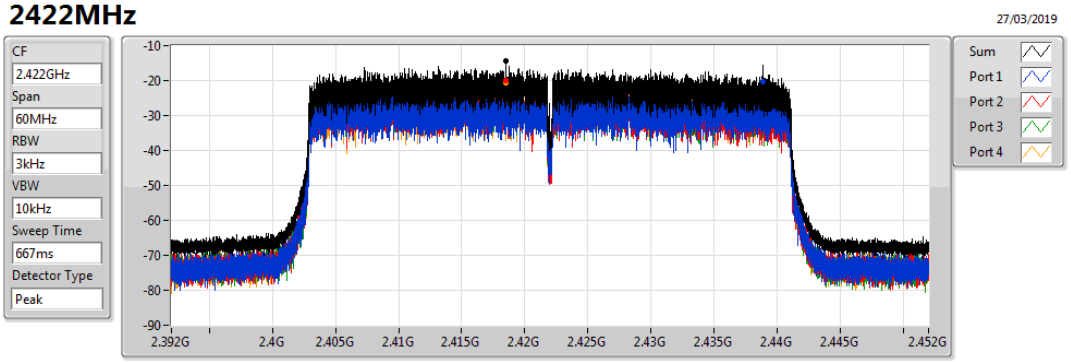
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.34	-12.34	-17.71	-18.67	-16.98	-16.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

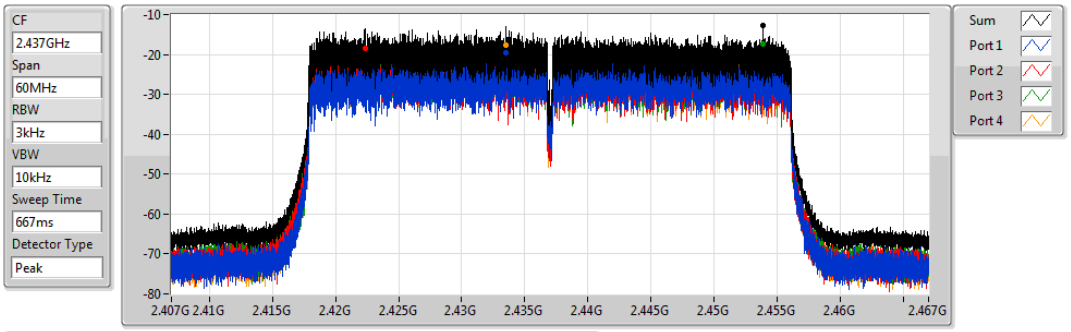
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.48	-14.48	-20.34	-19.87	-19.91	-20.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

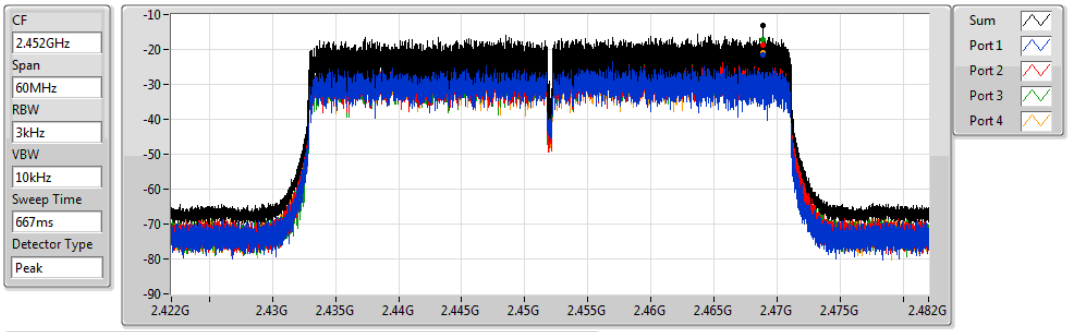
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.71	-12.71	-19.55	-18.50	-17.31	-17.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.16	-13.16	-21.50	-18.82	-17.05	-20.79

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	-3.70
802.11ax HEW40_Nss4,(MCS0)_4TX	-10.00

RBW=3kHz.

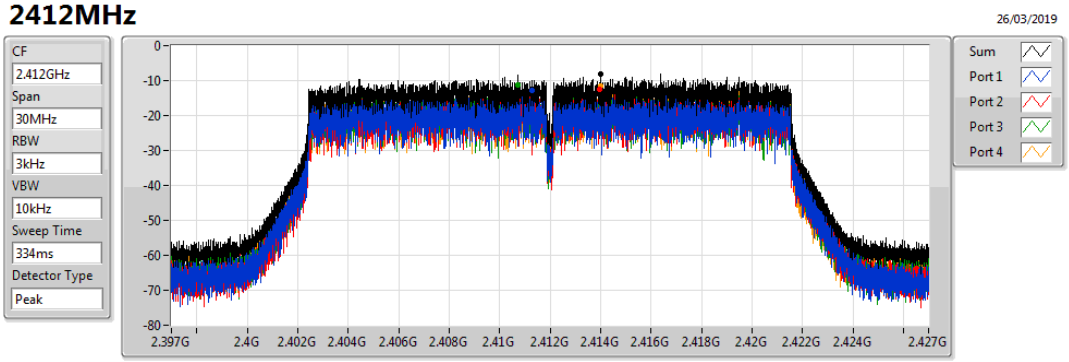
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.22	-12.83	-12.48	-11.15	-11.68	-8.13	7.78
2437MHz	Pass	6.22	-7.94	-7.41	-6.50	-7.26	-3.70	7.78
2462MHz	Pass	6.22	-12.95	-12.08	-11.47	-12.02	-7.92	7.78
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.22	-17.38	-16.81	-15.37	-14.82	-10.95	7.78
2437MHz	Pass	6.22	-16.47	-16.00	-14.94	-14.85	-10.00	7.78
2452MHz	Pass	6.22	-17.78	-17.58	-16.43	-16.65	-12.54	7.78

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

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

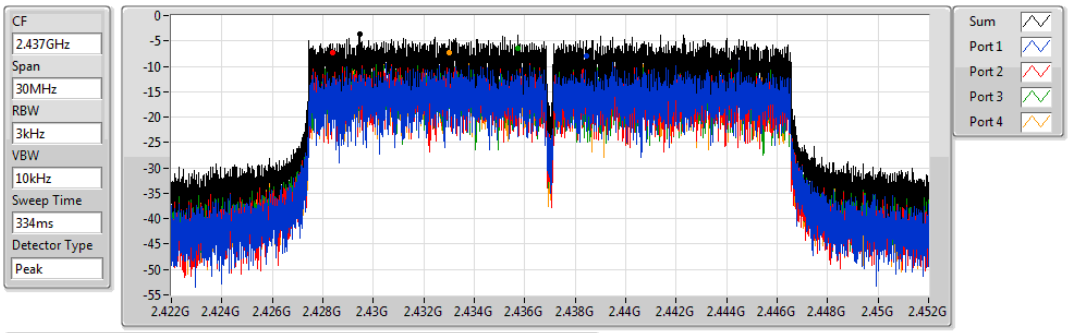
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.13	-8.13	-12.83	-12.48	-11.15	-11.68

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

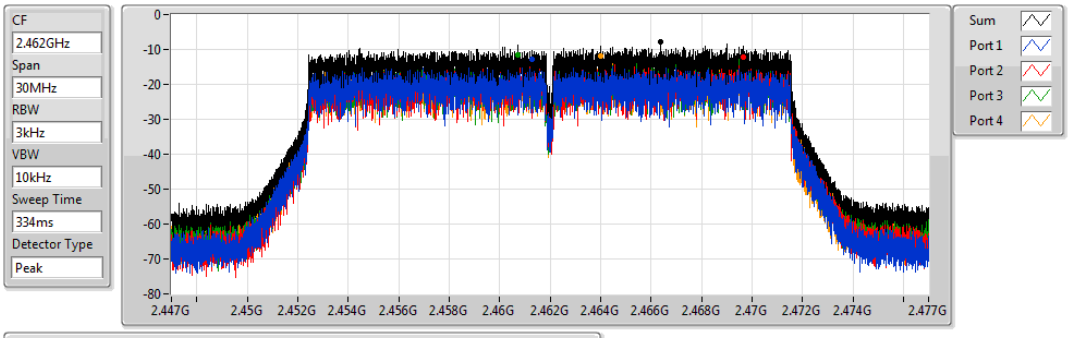
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.70	-3.70	-7.94	-7.41	-6.50	-7.26

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

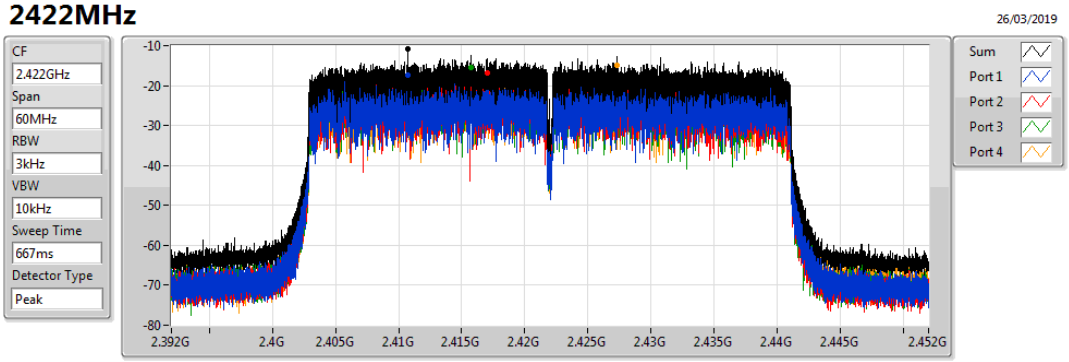
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.92	-7.92	-12.95	-12.08	-11.47	-12.02

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

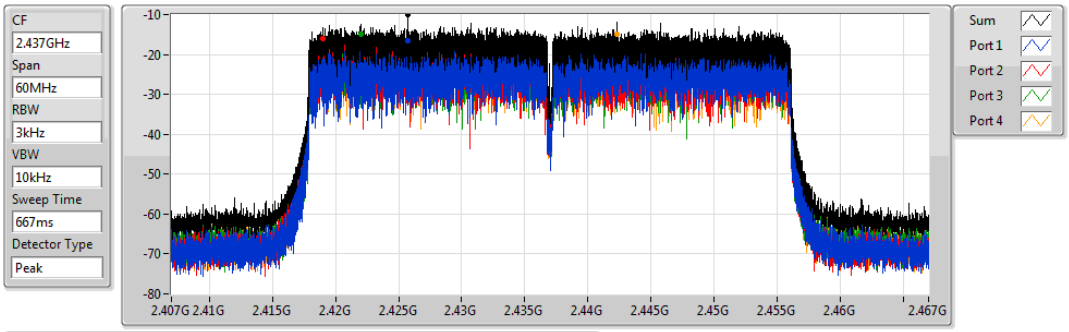
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.95	-10.95	-17.38	-16.81	-15.37	-14.82

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

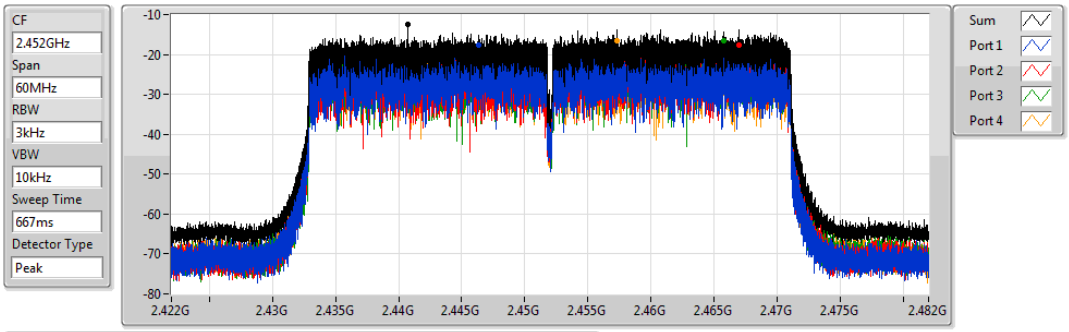
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.00	-10.00	-16.47	-16.00	-14.94	-14.85

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.54	-12.54	-17.78	-17.58	-16.43	-16.65

Summary

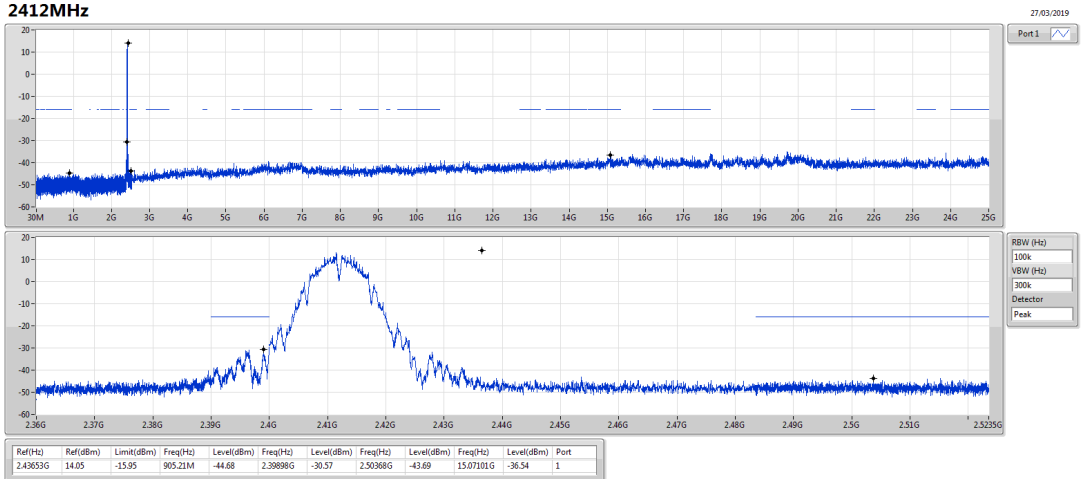
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43653G	14.05	-15.95	905.21M	-44.68	2.39898G	-30.57	2.50368G	-43.69	15.07101G	-36.54	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44079G	9.29	-20.71	934.62M	-43.96	2.3992G	-30.62	2.52326G	-42.99	24.87638G	-36.14	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.44325G	9.66	-20.34	656.77M	-44.37	2.399G	-25.97	2.50146G	-43.90	24.59823G	-36.54	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.4395G	1.95	-28.05	1.80132G	-44.76	2.39876G	-34.63	2.48666G	-38.37	24.83453G	-36.55	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43653G	14.05	-15.95	905.21M	-44.68	2.39898G	-30.57	2.50368G	-43.69	15.07101G	-36.54	1
2437MHz	Pass	2.43653G	14.05	-15.95	921.23M	-43.42	2.39766G	-41.33	2.49074G	-42.68	15.05415G	-36.10	1
2462MHz	Pass	2.43653G	14.05	-15.95	360.57M	-43.68	2.39994G	-44.43	2.48562G	-41.87	24.82581G	-36.84	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44079G	9.29	-20.71	934.62M	-43.96	2.3992G	-30.62	2.52326G	-42.99	24.87638G	-36.14	1
2437MHz	Pass	2.44079G	9.29	-20.71	2.12059G	-44.49	2.39892G	-35.96	2.48486G	-37.46	15.05696G	-35.70	1
2462MHz	Pass	2.44079G	9.29	-20.71	361.44M	-43.69	2.39224G	-44.73	2.48422G	-40.00	14.99515G	-36.92	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44325G	9.66	-20.34	656.77M	-44.37	2.399G	-25.97	2.50146G	-43.90	24.59823G	-36.54	1
2437MHz	Pass	2.44325G	9.66	-20.34	2.18292G	-43.54	2.39956G	-33.86	2.48602G	-36.65	23.14569G	-36.36	1
2462MHz	Pass	2.44325G	9.66	-20.34	1.82585G	-44.46	2.39188G	-44.78	2.48418G	-37.76	16.3325G	-36.34	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4395G	1.95	-28.05	2.30368G	-45.11	2.3996G	-38.45	2.51578G	-43.13	15.06063G	-35.41	1
2437MHz	Pass	2.4395G	1.95	-28.05	1.80132G	-44.76	2.39876G	-34.63	2.48666G	-38.37	24.83453G	-36.55	1
2452MHz	Pass	2.4395G	1.95	-28.05	1.95875G	-43.91	2.39888G	-44.82	2.48362G	-38.86	15.26536G	-36.98	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

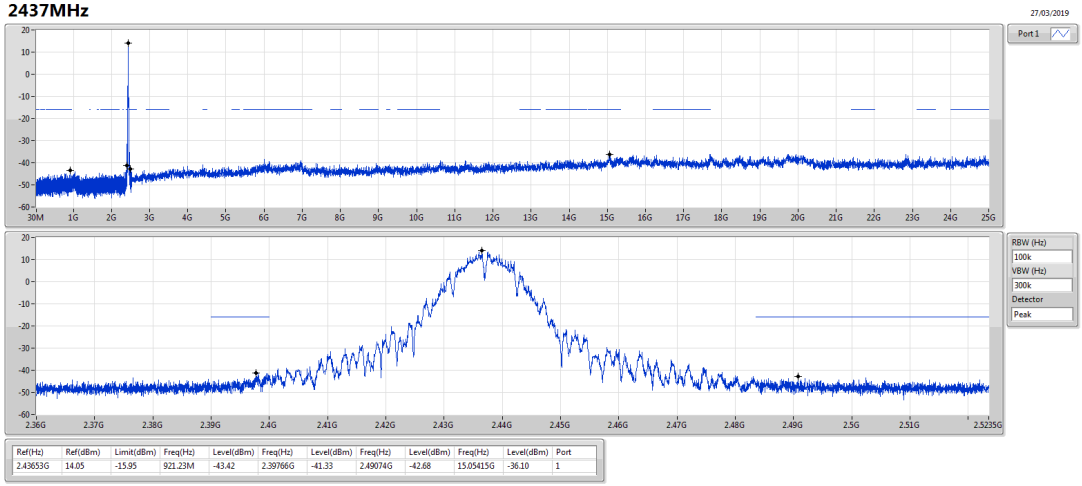
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43653G	14.05	-15.95	905.21M	-44.68	2.39898G	-30.57	2.50368G	-43.69	15.07101G	-36.54	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

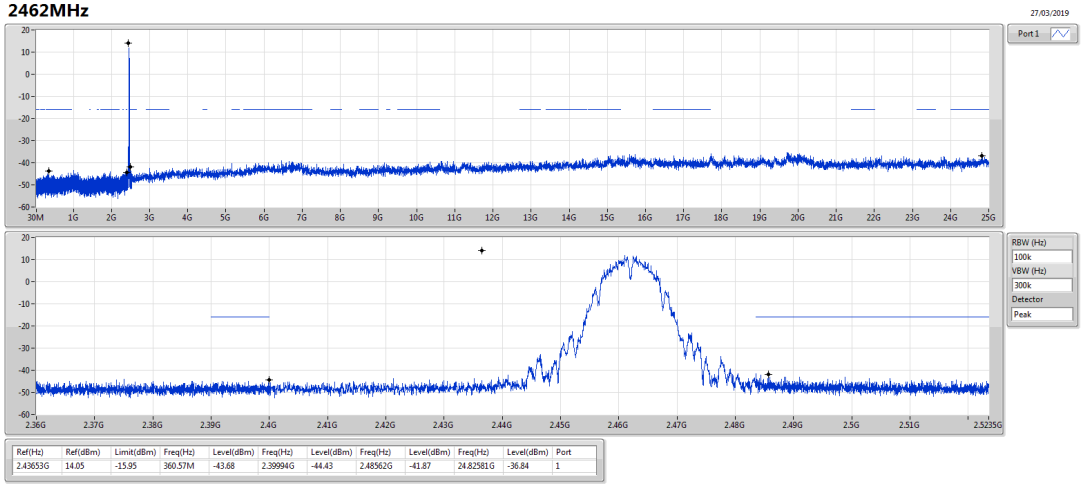
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43653G	14.05	-15.95	921.23M	-43.42	2.39766G	-41.33	2.49074G	-42.68	15.05415G	-36.10	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

2462MHz

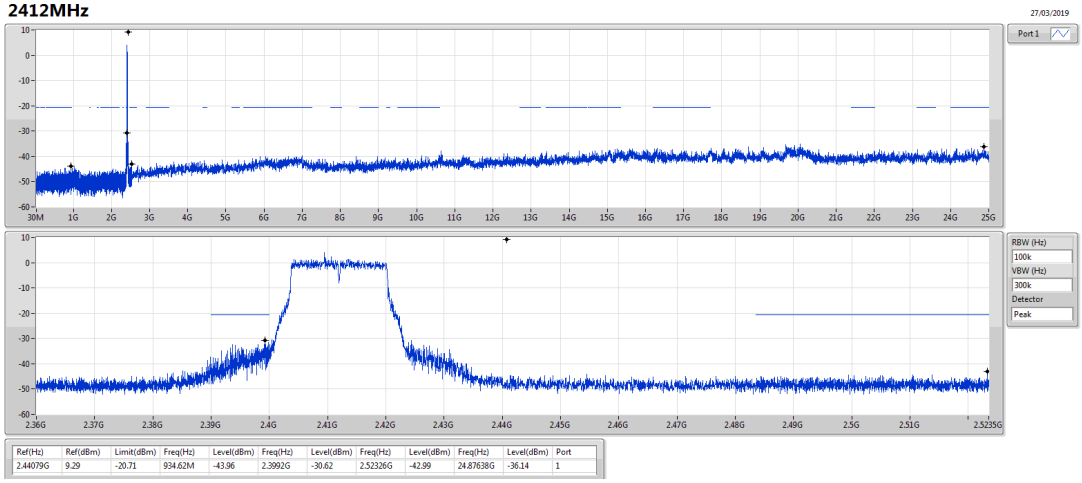


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43653G	14.05	-15.95	360.57M	-43.68	2.39994G	-44.43	2.48562G	-41.87	24.82581G	-36.84	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2412MHz

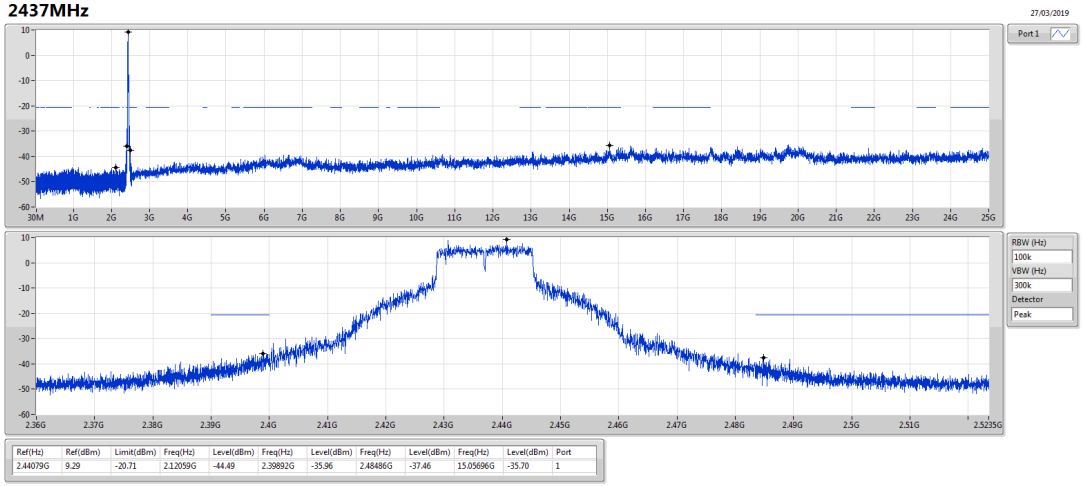


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44079G	9.29	-20.71	934.62M	-43.96	2.3992G	-30.62	2.52326G	-42.99	24.87638G	-36.14	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

2437MHz

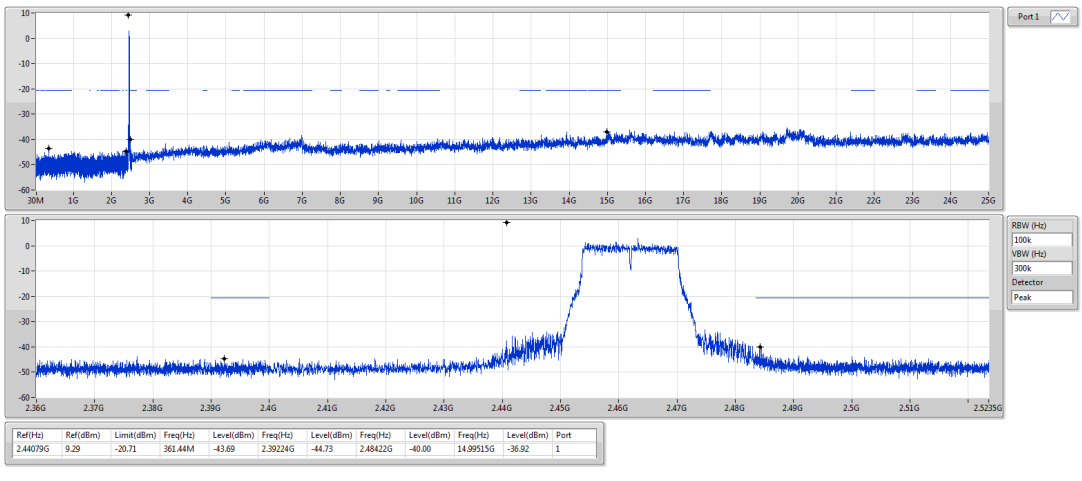


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44079G	9.29	-20.71	2.12059G	-44.49	2.39892G	-35.96	2.48486G	-37.46	15.05696G	-35.70	1

802.11g_Nss1,(6Mbps)_1TX

CSE NdB

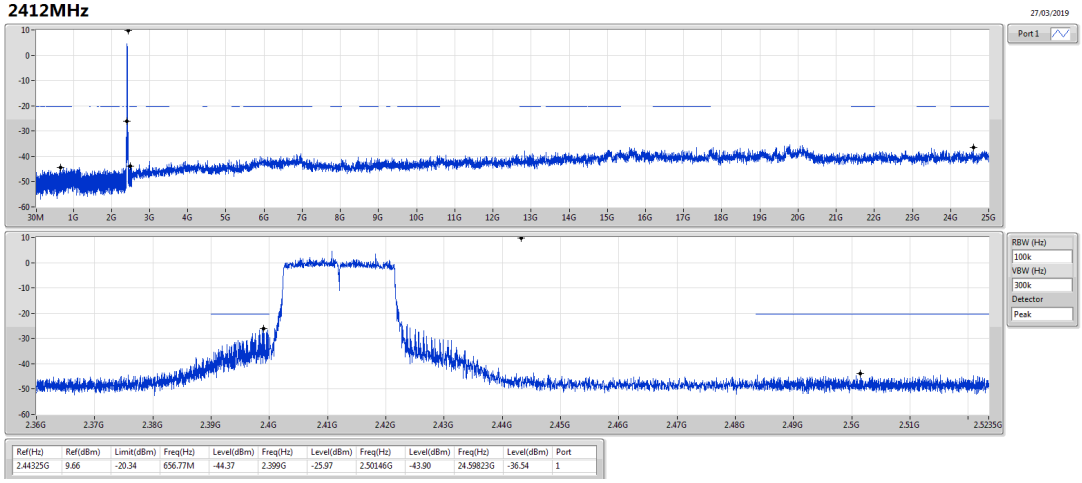
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44079G	9.29	-20.71	361.44M	-43.69	2.39224G	-44.73	2.48422G	-40.00	14.99515G	-36.92	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

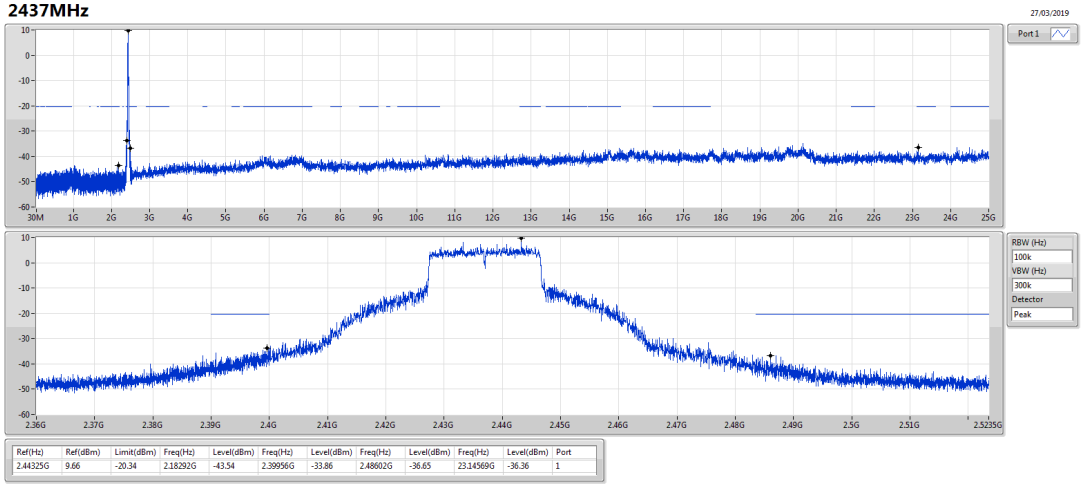
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44325G	9.66	-20.34	656.77M	-44.37	2.399G	-25.97	2.50146G	-43.90	24.59823G	-36.54	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

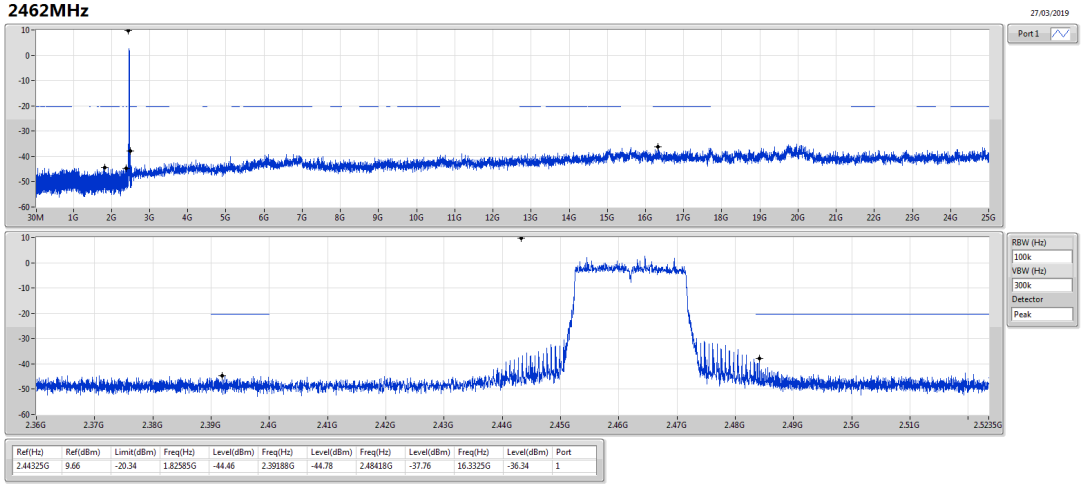
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44325G	9.66	-20.34	2.18292G	-43.54	2.39956G	-33.86	2.48602G	-36.65	23.14569G	-36.36	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

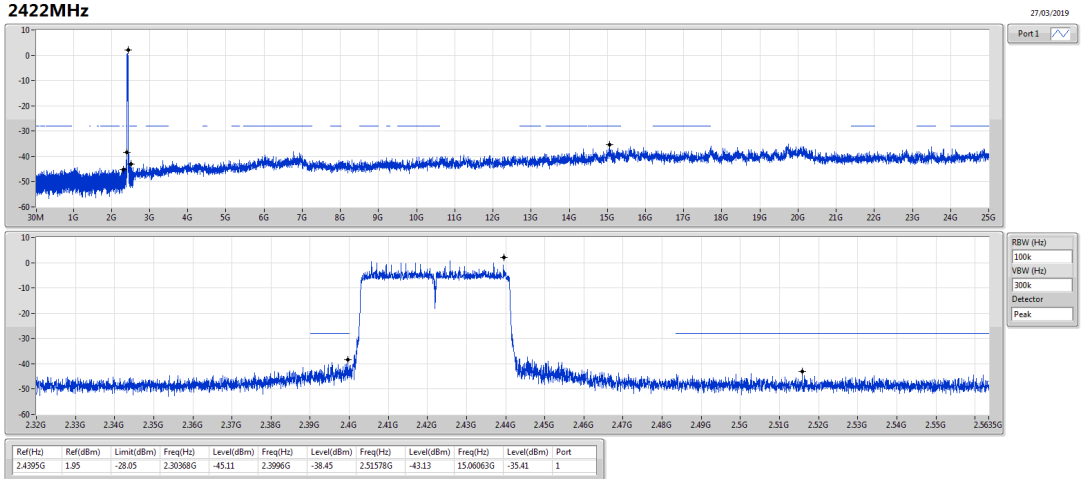
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44325G	9.66	-20.34	1.82585G	-44.46	2.39188G	-44.78	2.48418G	-37.76	16.3325G	-36.34	1

802.11ax HEW40_Nss1,(MCS0)_1TX CSE NdB

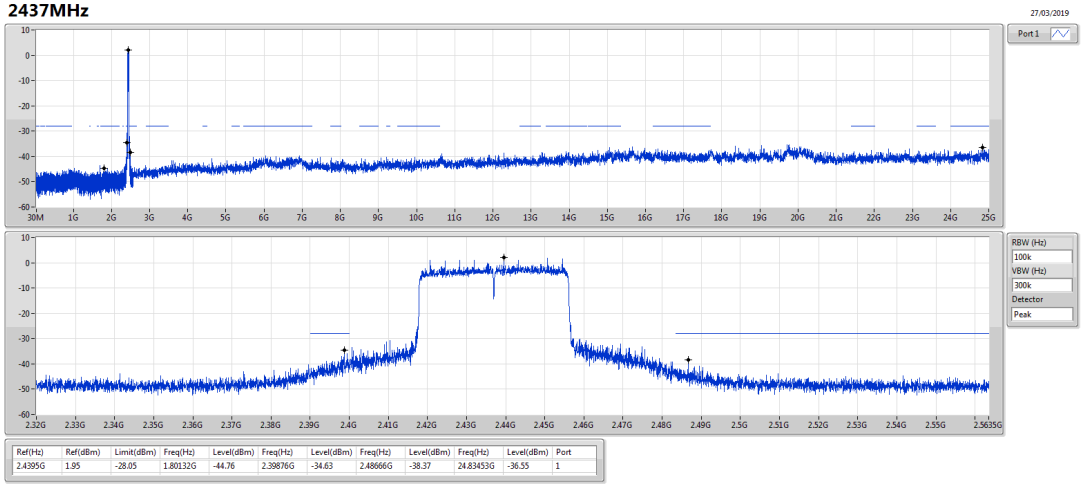
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	1.95	-28.05	2.30368G	-45.11	2.3996G	-38.45	2.51578G	-43.13	15.06063G	-35.41	1

802.11ax HEW40_Nss1,(MCS0)_1TX CSE NdB

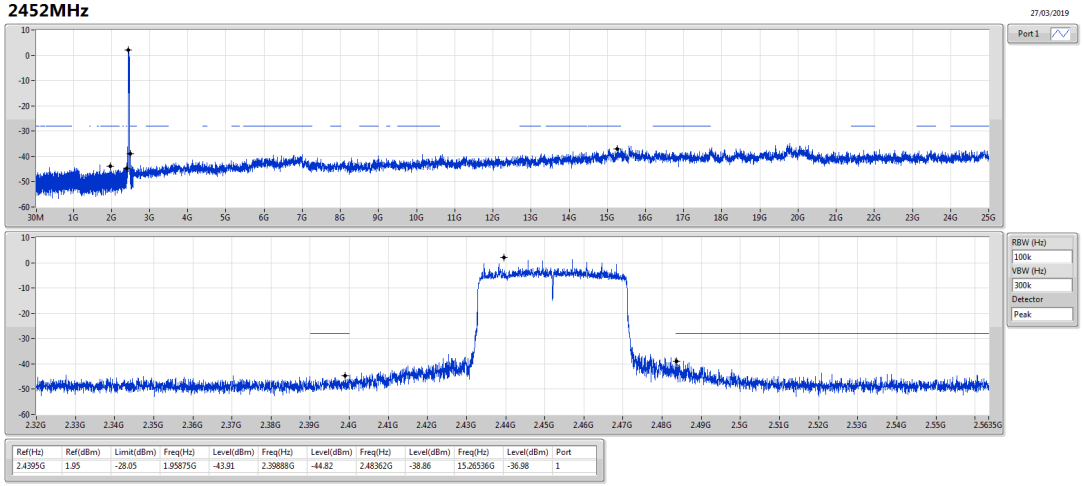
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	1.95	-28.05	1.80132G	-44.76	2.39876G	-34.63	2.48666G	-38.37	24.83453G	-36.55	1

802.11ax HEW40_Nss1,(MCS0)_1TX CSE NdB

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4395G	1.95	-28.05	1.95875G	-43.91	2.39888G	-44.82	2.48362G	-38.86	15.26536G	-36.98	1

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.43824G	8.94	-21.06	713.27M	-44.04	2.39902G	-33.05	2.51442G	-43.59	24.941G	-35.71	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.42075G	1.64	-28.36	864.42M	-43.66	2.39976G	-41.56	2.48478G	-41.33	21.99631G	-35.90	1

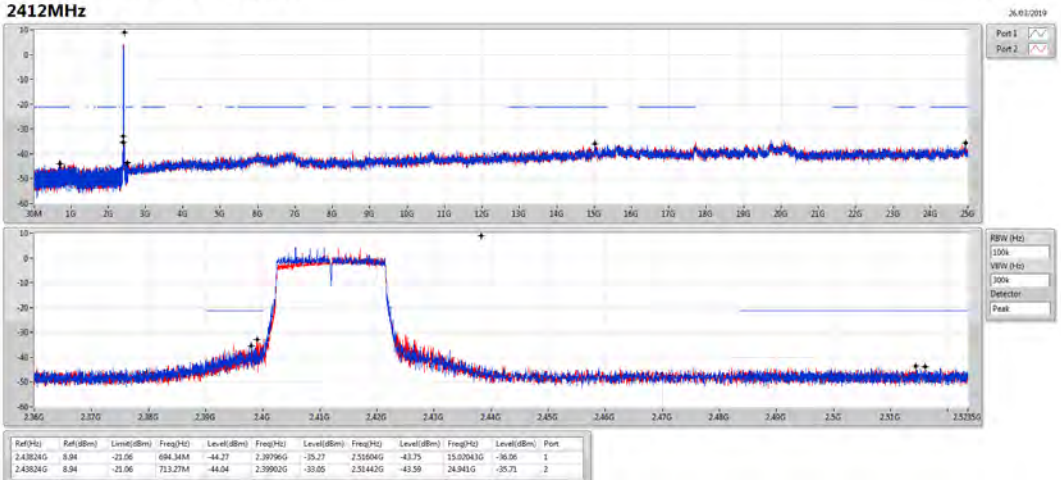
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.94	-21.06	694.34M	-44.27	2.39796G	-35.27	2.51604G	-43.75	15.02043G	-36.06	1
2412MHz	Pass	2.43824G	8.94	-21.06	713.27M	-44.04	2.39902G	-33.05	2.51442G	-43.59	24.941G	-35.71	2
2437MHz	Pass	2.43824G	8.94	-21.06	2.14826G	-43.82	2.39942G	-37.21	2.48436G	-41.02	15.34915G	-36.52	1
2437MHz	Pass	2.43824G	8.94	-21.06	946.27M	-43.81	2.3997G	-36.25	2.48484G	-41.64	23.47722G	-35.98	2
2462MHz	Pass	2.43824G	8.94	-21.06	677.45M	-44.46	2.3923G	-44.18	2.48412G	-40.09	17.69233G	-35.82	1
2462MHz	Pass	2.43824G	8.94	-21.06	2.04924G	-44.55	2.39004G	-44.86	2.48388G	-39.69	23.46598G	-36.81	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42075G	1.64	-28.36	2.13451G	-43.41	2.39952G	-41.81	2.51958G	-43.84	15.3467G	-36.03	1
2422MHz	Pass	2.42075G	1.64	-28.36	1.80103G	-43.55	2.39664G	-42.61	2.5261G	-44.04	15.0438G	-36.45	2
2437MHz	Pass	2.42075G	1.64	-28.36	864.42M	-43.66	2.39976G	-41.56	2.48478G	-41.33	21.99631G	-35.90	1
2437MHz	Pass	2.42075G	1.64	-28.36	832.93M	-43.37	2.39484G	-40.00	2.50222G	-44.05	15.33267G	-36.33	2
2452MHz	Pass	2.42075G	1.64	-28.36	901.35M	-43.34	2.39076G	-44.83	2.48822G	-42.48	23.4603G	-36.34	1
2452MHz	Pass	2.42075G	1.64	-28.36	700.97M	-44.36	2.39432G	-44.44	2.48646G	-41.11	24.89904G	-36.36	2

802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

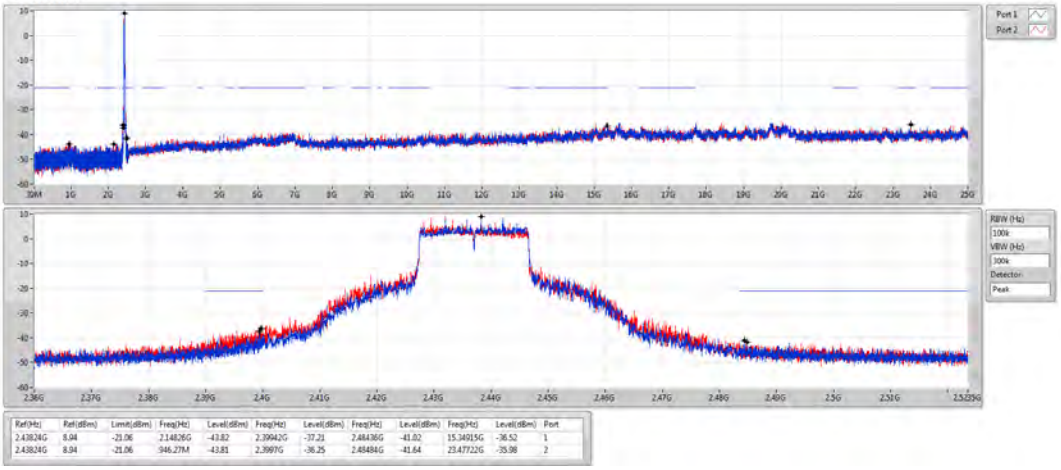
2412MHz



802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

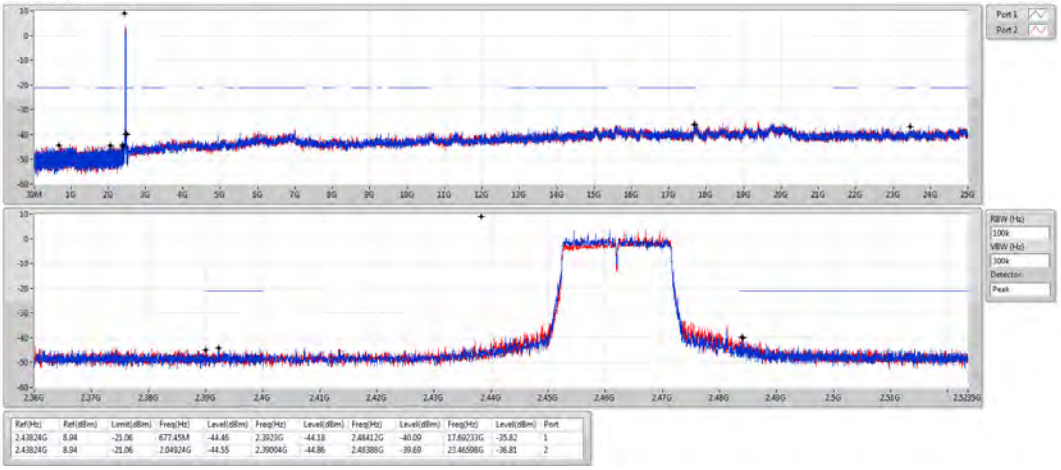
2437MHz

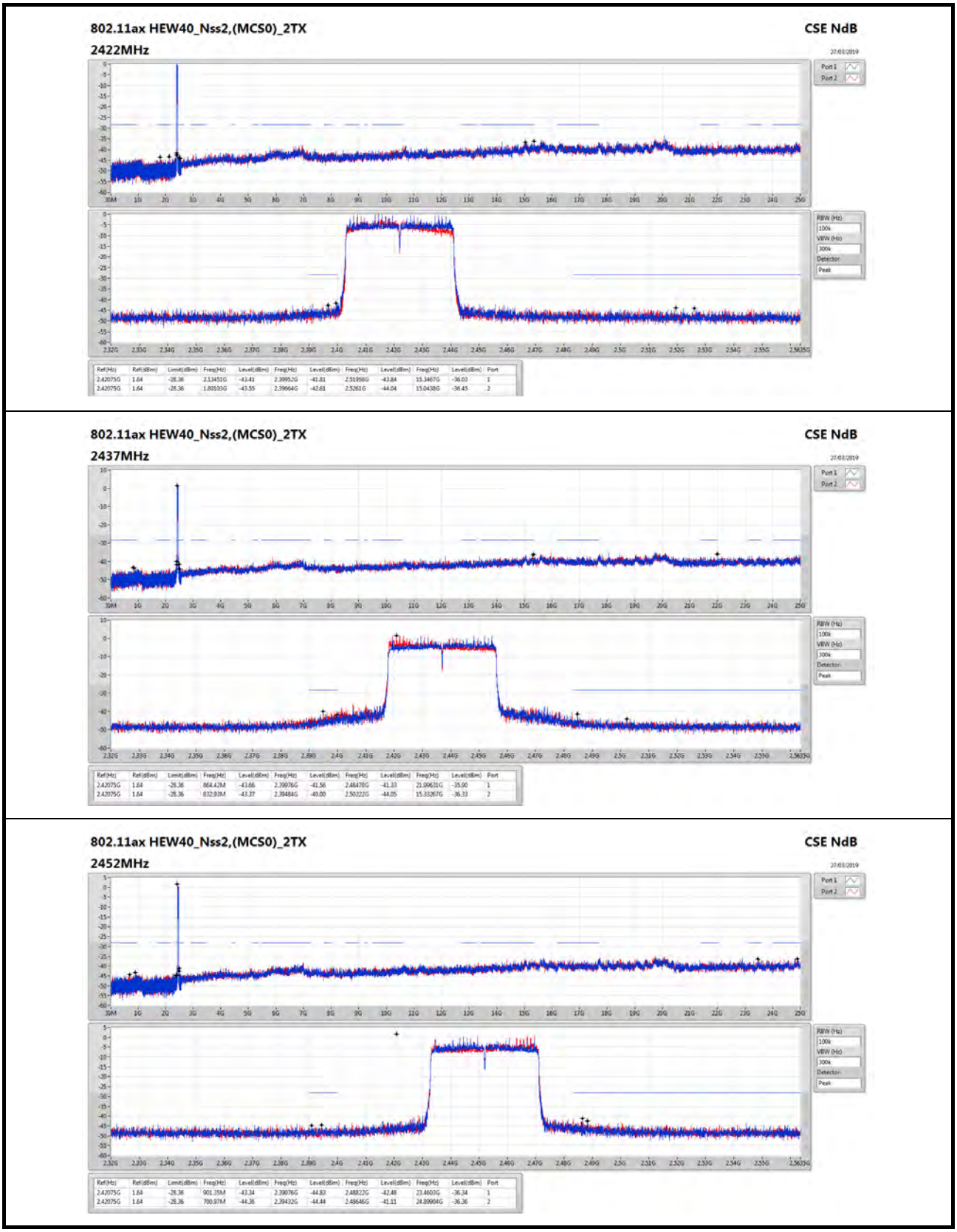


802.11ax HEW20_Nss2,(MCS0)_2TX

CSE NdB

2462MHz




802.11ax HEW40_Nss2,(MCS0)_2TX
CSE NdB
2422MHz
802.11ax HEW40_Nss2,(MCS0)_2TX
CSE NdB
2437MHz
802.11ax HEW40_Nss2,(MCS0)_2TX
CSE NdB
2452MHz

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43799G	13.77	-16.23	1.93041G	-44.10	2.39996G	-31.45	2.51694G	-43.43	15.05977G	-36.02	3
802.11g_Nss1,(6Mbps)_4TX	Pass	2.42952G	6.45	-23.55	2.13719G	-44.36	2.39964G	-41.15	2.51692G	-43.49	15.07663G	-35.40	4
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43824G	6.28	-23.72	736.28M	-44.20	2.39996G	-34.43	2.48416G	-42.94	15.05977G	-35.44	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.41954G	-0.51	-30.51	2.00112G	-43.86	2.39432G	-44.63	2.5283G	-43.44	24.84014G	-34.04	4

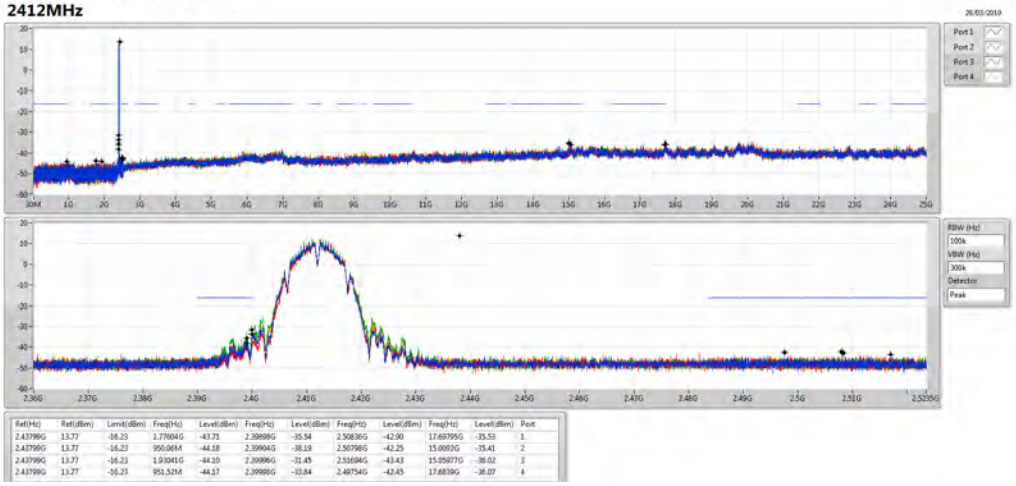
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43799G	13.77	-16.23	1.77604G	-43.71	2.39898G	-35.54	2.50836G	-42.90	17.69795G	-35.53	1
2412MHz	Pass	2.43799G	13.77	-16.23	950.06M	-44.18	2.39904G	-38.19	2.50798G	-42.25	15.0092G	-35.41	2
2412MHz	Pass	2.43799G	13.77	-16.23	1.93041G	-44.10	2.39996G	-31.45	2.51694G	-43.43	15.05977G	-36.02	3
2412MHz	Pass	2.43799G	13.77	-16.23	951.52M	-44.17	2.39998G	-33.84	2.49754G	-42.45	17.6839G	-36.07	4
2437MHz	Pass	2.43799G	13.77	-16.23	2.17564G	-43.59	2.3963G	-43.92	2.48942G	-43.67	17.6839G	-36.04	1
2437MHz	Pass	2.43799G	13.77	-16.23	846.96M	-44.49	2.39478G	-43.95	2.5061G	-42.39	15.06258G	-36.78	2
2437MHz	Pass	2.43799G	13.77	-16.23	299.41M	-43.95	2.392G	-44.66	2.5137G	-42.90	23.29741G	-36.23	3
2437MHz	Pass	2.43799G	13.77	-16.23	1.80459G	-43.42	2.39906G	-43.23	2.5004G	-43.21	17.69795G	-35.40	4
2462MHz	Pass	2.43799G	13.77	-16.23	2.13399G	-44.52	2.3922G	-43.90	2.49354G	-43.25	24.53642G	-36.61	1
2462MHz	Pass	2.43799G	13.77	-16.23	959.09M	-44.22	2.3939G	-44.60	2.51598G	-43.21	15.07101G	-35.50	2
2462MHz	Pass	2.43799G	13.77	-16.23	1.98371G	-43.77	2.393G	-44.53	2.49918G	-43.16	24.56733G	-36.08	3
2462MHz	Pass	2.43799G	13.77	-16.23	956.18M	-44.41	2.39954G	-43.64	2.51962G	-42.45	23.4126G	-36.38	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.42952G	6.45	-23.55	717.93M	-43.26	2.39996G	-41.73	2.49922G	-42.84	15.06539G	-36.18	1
2412MHz	Pass	2.42952G	6.45	-23.55	505.9M	-44.22	2.3976G	-42.09	2.51954G	-43.36	24.89043G	-35.44	2
2412MHz	Pass	2.42952G	6.45	-23.55	1.75478G	-43.46	2.39922G	-39.59	2.4998G	-43.73	23.4716G	-35.76	3
2412MHz	Pass	2.42952G	6.45	-23.55	2.13719G	-44.36	2.39964G	-41.15	2.51692G	-43.49	15.07663G	-35.40	4
2437MHz	Pass	2.42952G	6.45	-23.55	360.28M	-44.52	2.3979G	-44.47	2.5002G	-43.41	15.08505G	-35.85	1
2437MHz	Pass	2.42952G	6.45	-23.55	879.58M	-44.46	2.3935G	-43.24	2.48358G	-42.69	17.00399G	-35.82	2
2437MHz	Pass	2.42952G	6.45	-23.55	547.84M	-44.45	2.39982G	-43.03	2.50846G	-43.37	16.36621G	-36.09	3
2437MHz	Pass	2.42952G	6.45	-23.55	715.02M	-43.84	2.39998G	-43.42	2.50858G	-42.78	24.92133G	-36.10	4
2462MHz	Pass	2.42952G	6.45	-23.55	1.62489G	-43.43	2.39298G	-44.17	2.49504G	-43.30	24.45494G	-36.70	1
2462MHz	Pass	2.42952G	6.45	-23.55	798.9M	-43.67	2.39216G	-43.92	2.4959G	-42.69	16.37464G	-36.15	2
2462MHz	Pass	2.42952G	6.45	-23.55	900.84M	-43.92	2.39814G	-44.95	2.48416G	-40.86	17.67828G	-36.39	3
2462MHz	Pass	2.42952G	6.45	-23.55	917.73M	-43.50	2.39062G	-43.46	2.49134G	-43.88	24.83705G	-35.58	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	6.28	-23.72	848.41M	-43.89	2.39948G	-36.00	2.5123G	-44.05	24.10375G	-36.06	1
2412MHz	Pass	2.43824G	6.28	-23.72	537.36M	-44.28	2.39998G	-36.97	2.49834G	-44.25	17.6839G	-35.24	2
2412MHz	Pass	2.43824G	6.28	-23.72	736.28M	-44.20	2.39996G	-34.43	2.48416G	-42.94	15.05977G	-35.44	3
2412MHz	Pass	2.43824G	6.28	-23.72	941.9M	-44.45	2.39996G	-34.46	2.51576G	-42.83	15.3042G	-36.04	4
2437MHz	Pass	2.43824G	6.28	-23.72	2.12321G	-44.52	2.39998G	-43.26	2.51464G	-42.84	16.25383G	-35.70	1
2437MHz	Pass	2.43824G	6.28	-23.72	2.15409G	-44.39	2.39974G	-40.41	2.49226G	-43.08	24.94381G	-36.48	2
2437MHz	Pass	2.43824G	6.28	-23.72	2.15117G	-44.25	2.3989G	-42.70	2.48772G	-42.99	15.0682G	-35.76	3
2437MHz	Pass	2.43824G	6.28	-23.72	170.67M	-43.60	2.3979G	-43.68	2.48654G	-43.65	15.04572G	-36.41	4
2462MHz	Pass	2.43824G	6.28	-23.72	809.39M	-44.30	2.39198G	-44.68	2.498G	-42.96	15.32106G	-36.12	1
2462MHz	Pass	2.43824G	6.28	-23.72	1.85352G	-44.21	2.39872G	-44.67	2.49814G	-43.60	17.69795G	-36.33	2
2462MHz	Pass	2.43824G	6.28	-23.72	1.82119G	-44.15	2.3949G	-44.62	2.4878G	-43.40	17.68109G	-36.62	3
2462MHz	Pass	2.43824G	6.28	-23.72	847.54M	-44.26	2.39906G	-44.59	2.51348G	-43.56	15.05977G	-36.75	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41954G	-0.51	-30.51	769.38M	-44.60	2.39008G	-44.02	2.51502G	-43.52	24.54847G	-36.27	1
2422MHz	Pass	2.41954G	-0.51	-30.51	82.67M	-44.38	2.3968G	-42.95	2.54334G	-44.25	17.69692G	-35.66	2
2422MHz	Pass	2.41954G	-0.51	-30.51	1.64331G	-43.04	2.39684G	-41.83	2.5027G	-43.66	15.03539G	-35.64	3
2422MHz	Pass	2.41954G	-0.51	-30.51	2.30826G	-44.03	2.3972G	-41.81	2.52338G	-43.99	16.2694G	-35.22	4
2437MHz	Pass	2.41954G	-0.51	-30.51	2.11218G	-44.20	2.39924G	-43.47	2.51082G	-43.32	24.79807G	-36.51	1
2437MHz	Pass	2.41954G	-0.51	-30.51	842.38M	-43.55	2.39652G	-44.09	2.4871G	-43.54	15.29341G	-36.37	2
2437MHz	Pass	2.41954G	-0.51	-30.51	2.18976G	-43.98	2.39556G	-43.11	2.5197G	-43.56	15.05502G	-35.89	3
2437MHz	Pass	2.41954G	-0.51	-30.51	445.92M	-43.47	2.39684G	-43.96	2.51702G	-44.13	16.31427G	-36.90	4
2452MHz	Pass	2.41954G	-0.51	-30.51	725.02M	-43.91	2.3904G	-44.87	2.53534G	-44.31	17.32672G	-35.79	1
2452MHz	Pass	2.41954G	-0.51	-30.51	919.67M	-44.57	2.39228G	-45.12	2.5165G	-44.36	16.7013G	-36.08	2
2452MHz	Pass	2.41954G	-0.51	-30.51	741.05M	-44.07	2.39644G	-45.01	2.48822G	-43.17	24.49518G	-36.48	3
2452MHz	Pass	2.41954G	-0.51	-30.51	2.00112G	-43.86	2.39432G	-44.63	2.5283G	-43.44	24.84014G	-34.04	4

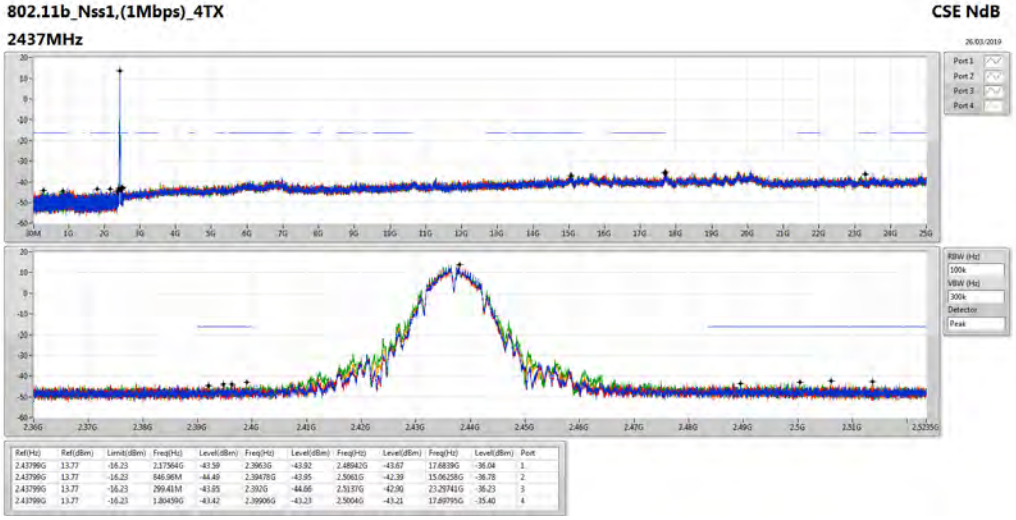
802.11b_Nss1,(1Mbps)_4TX CSE NdB

2412MHz



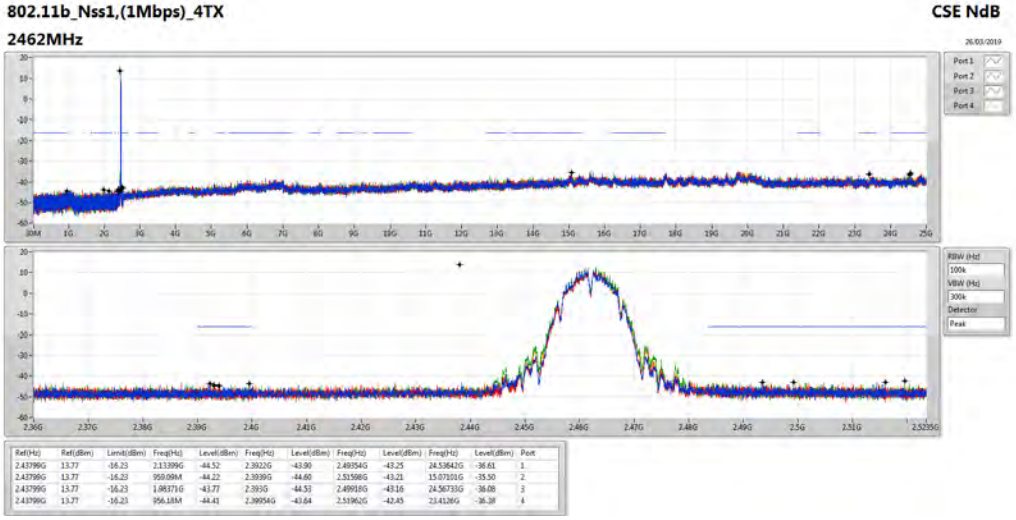
802.11b_Nss1,(1Mbps)_4TX CSE NdB

2437MHz



802.11b_Nss1,(1Mbps)_4TX CSE NdB

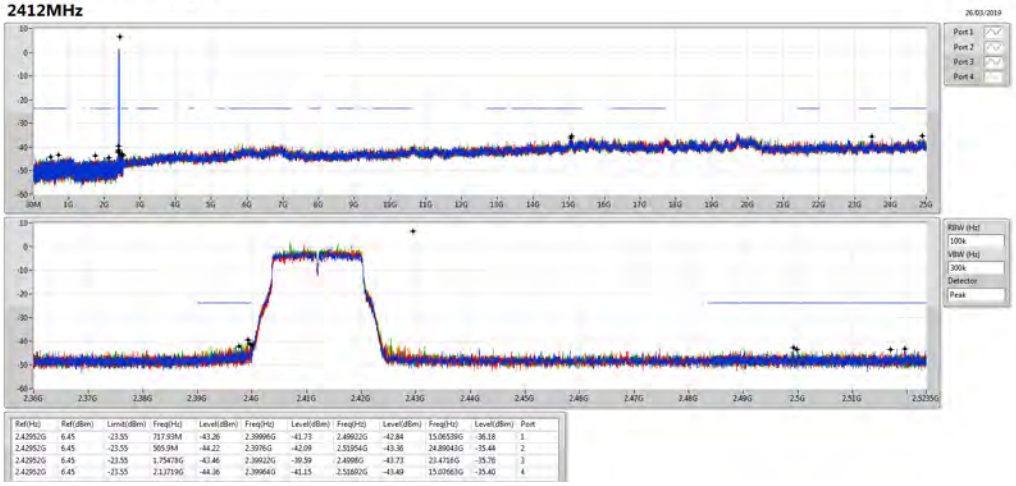
2462MHz



802.11g_Nss1,(6Mbps)_4TX

CSE NdB

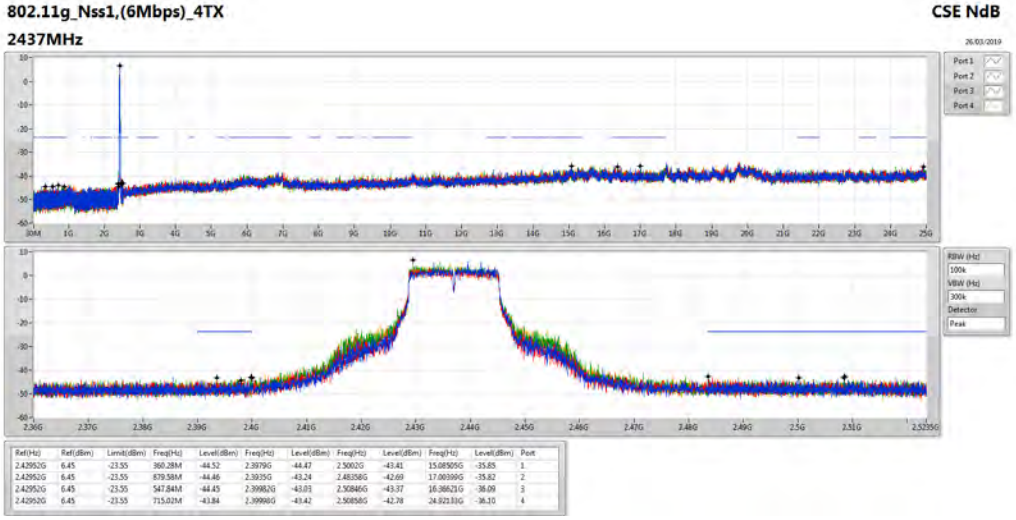
2412MHz



802.11g_Nss1,(6Mbps)_4TX

CSE NdB

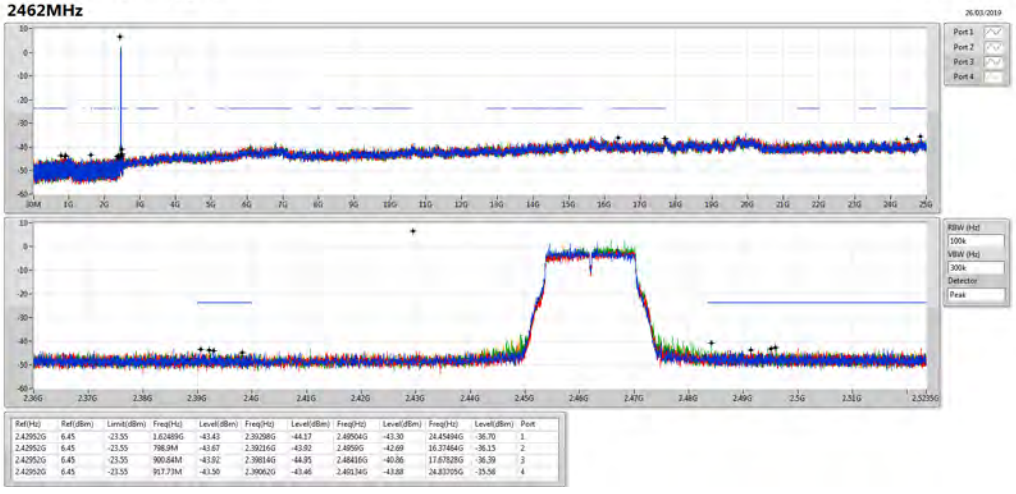
2437MHz



802.11g_Nss1,(6Mbps)_4TX

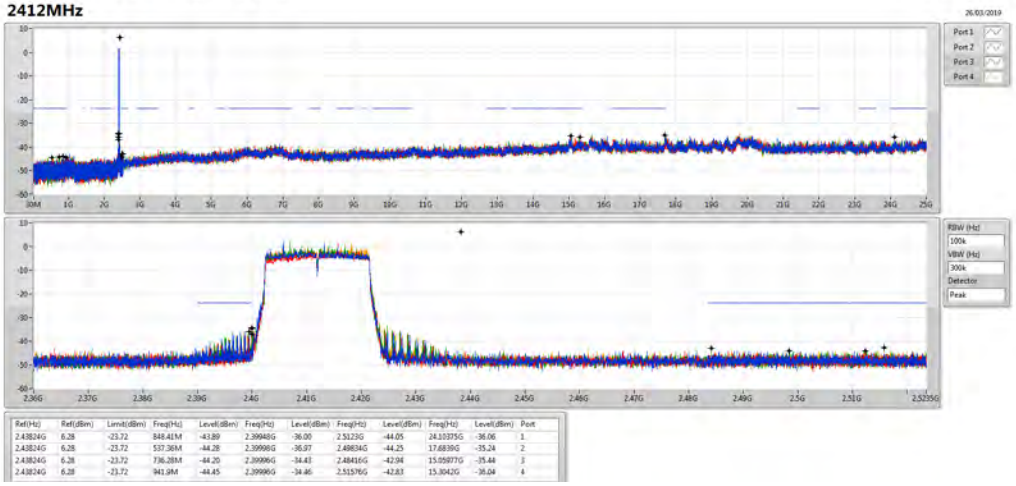
CSE NdB

2462MHz



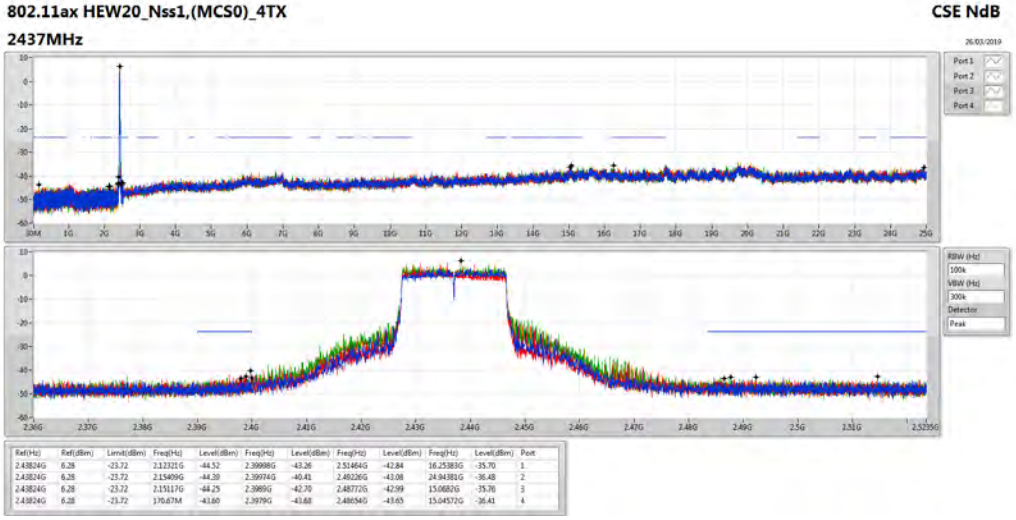
802.11ax HEW20_Nss1,(MCS0)_4TX CSE NdB

2412MHz



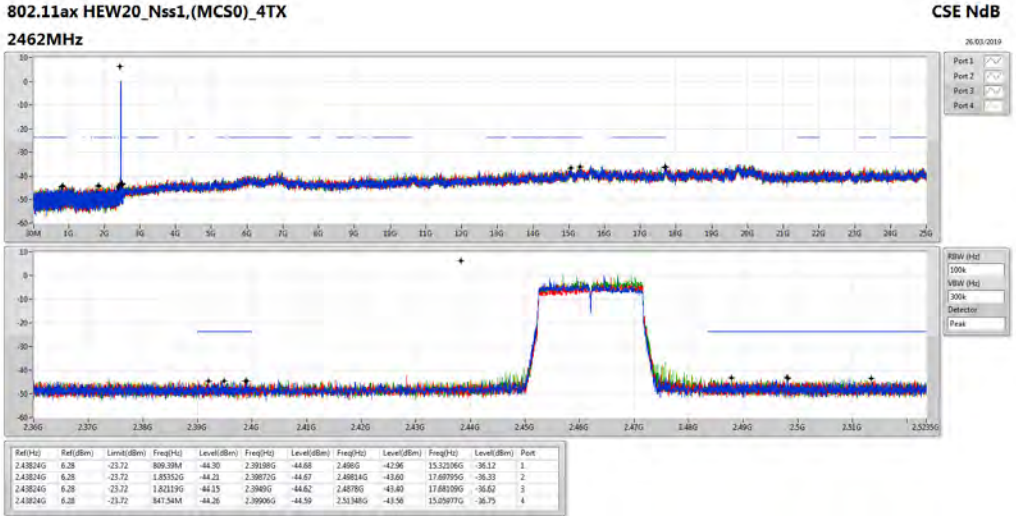
802.11ax HEW20_Nss1,(MCS0)_4TX CSE NdB

2437MHz



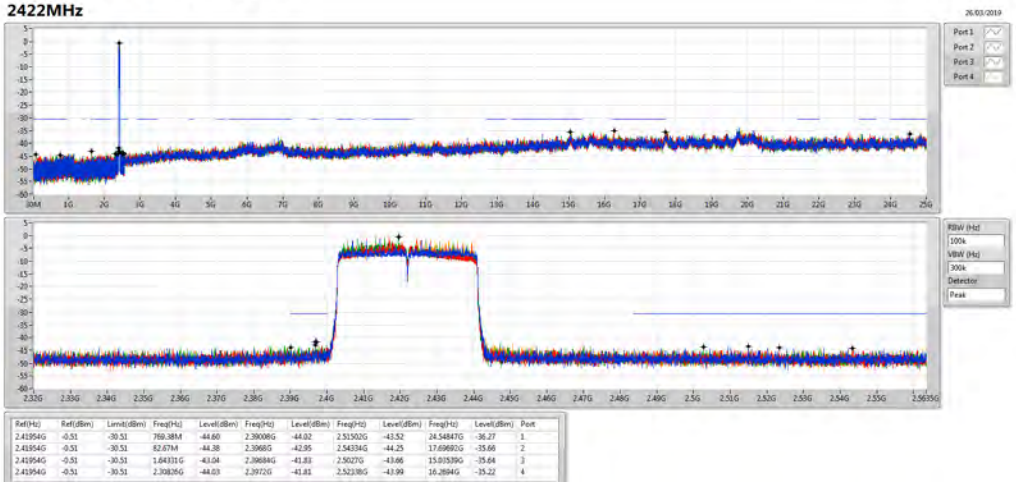
802.11ax HEW20_Nss1,(MCS0)_4TX CSE NdB

2462MHz



802.11ax HEW40_Nss1,(MCS0)_4TX CSE NdB

2422MHz

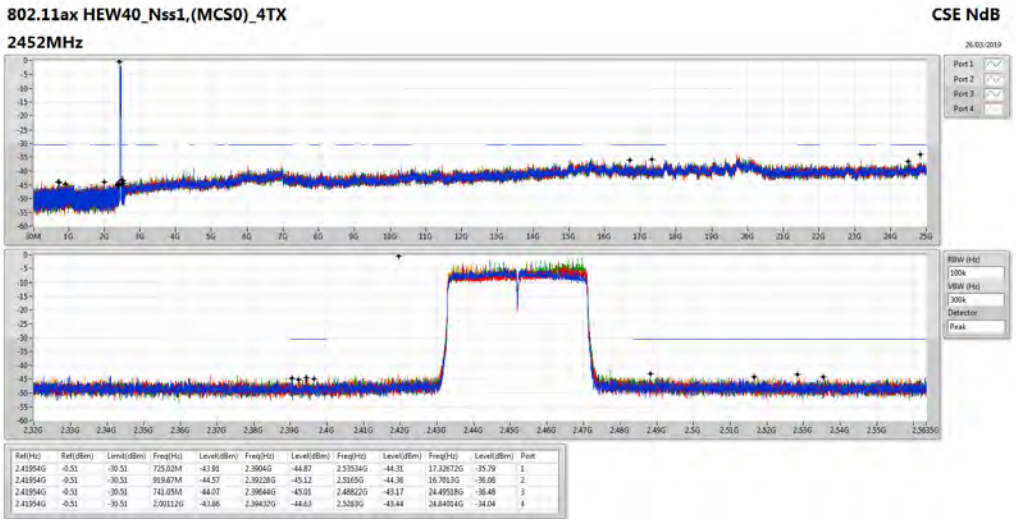


802.11ax HEW40_Nss1,(MCS0)_4TX CSE NdB

2437MHz

802.11ax HEW40_Nss1,(MCS0)_4TX CSE NdB

2452MHz



Summary

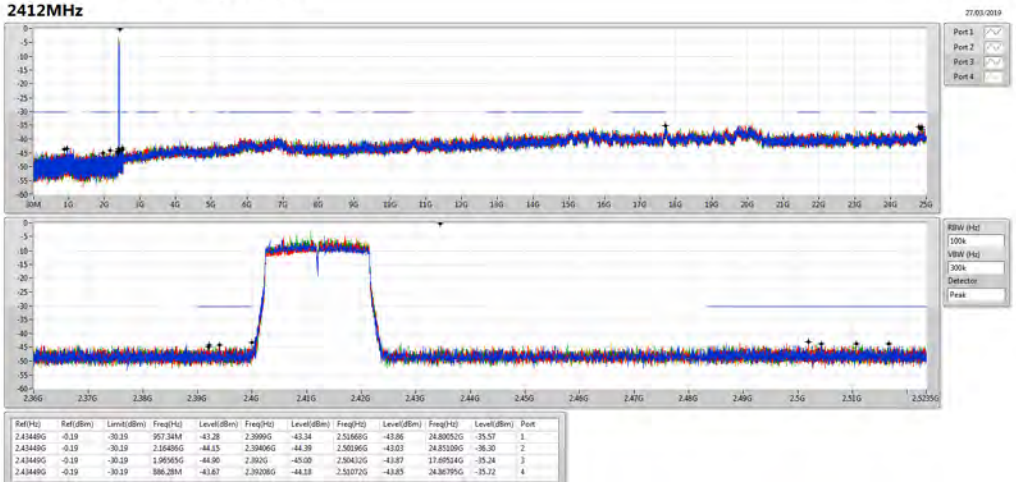
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43449G	-0.19	-30.19	1.63013G	-43.18	2.3976G	-44.65	2.48552G	-44.28	17.68952G	-34.71	2
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.4195G	-3.16	-33.16	1.83309G	-44.46	2.3916G	-45.65	2.50434G	-44.15	24.88221G	-34.95	4

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43449G	-0.19	-30.19	957.34M	-43.28	2.3999G	-43.34	2.51668G	-43.86	24.80052G	-35.57	1
2412MHz	Pass	2.43449G	-0.19	-30.19	2.16486G	-44.15	2.39406G	-44.39	2.50196G	-43.03	24.85109G	-36.30	2
2412MHz	Pass	2.43449G	-0.19	-30.19	1.96565G	-44.90	2.392G	-45.00	2.50432G	-43.87	17.69514G	-35.24	3
2412MHz	Pass	2.43449G	-0.19	-30.19	886.28M	-43.67	2.39208G	-44.18	2.51072G	-43.85	24.86795G	-35.72	4
2437MHz	Pass	2.43449G	-0.19	-30.19	2.03147G	-44.29	2.39626G	-44.52	2.50386G	-43.63	24.48585G	-36.73	1
2437MHz	Pass	2.43449G	-0.19	-30.19	1.63013G	-43.18	2.3976G	-44.65	2.48552G	-44.28	17.68952G	-34.71	2
2437MHz	Pass	2.43449G	-0.19	-30.19	1.87157G	-44.37	2.39678G	-44.12	2.48876G	-43.47	17.6839G	-36.77	3
2437MHz	Pass	2.43449G	-0.19	-30.19	2.14855G	-44.22	2.398G	-44.95	2.48986G	-43.70	17.69514G	-35.77	4
2462MHz	Pass	2.43449G	-0.19	-30.19	2.14681G	-44.46	2.39392G	-45.09	2.5097G	-43.63	16.29036G	-36.02	1
2462MHz	Pass	2.43449G	-0.19	-30.19	896.47M	-44.32	2.39298G	-44.46	2.4979G	-43.40	24.87076G	-35.23	2
2462MHz	Pass	2.43449G	-0.19	-30.19	958.8M	-44.22	2.39712G	-44.83	2.5148G	-43.75	24.20489G	-36.45	3
2462MHz	Pass	2.43449G	-0.19	-30.19	813.75M	-44.62	2.3906G	-44.69	2.4879G	-43.40	17.63052G	-36.26	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4195G	-3.16	-33.16	313.1M	-43.95	2.3902G	-44.80	2.49662G	-44.18	24.43628G	-36.50	1
2422MHz	Pass	2.4195G	-3.16	-33.16	2.15455G	-43.77	2.39408G	-45.42	2.4869G	-43.52	16.26659G	-36.34	2
2422MHz	Pass	2.4195G	-3.16	-33.16	342.3M	-43.07	2.39948G	-44.87	2.53874G	-43.49	15.05222G	-35.93	3
2422MHz	Pass	2.4195G	-3.16	-33.16	1.83309G	-44.46	2.3916G	-45.65	2.50434G	-44.15	24.88221G	-34.95	4
2437MHz	Pass	2.4195G	-3.16	-33.16	354.61M	-43.44	2.39072G	-45.71	2.53382G	-43.65	16.26659G	-36.49	1
2437MHz	Pass	2.4195G	-3.16	-33.16	1.9556G	-44.44	2.39112G	-44.80	2.5105G	-44.39	15.27658G	-36.48	2
2437MHz	Pass	2.4195G	-3.16	-33.16	1.77412G	-44.40	2.39716G	-44.54	2.50294G	-43.73	24.54005G	-36.25	3
2437MHz	Pass	2.4195G	-3.16	-33.16	1.86086G	-44.63	2.3976G	-45.04	2.50518G	-43.56	16.30866G	-35.86	4
2452MHz	Pass	2.4195G	-3.16	-33.16	2.15512G	-44.18	2.39348G	-45.05	2.49294G	-43.35	24.9355G	-35.13	1
2452MHz	Pass	2.4195G	-3.16	-33.16	705.26M	-44.88	2.39252G	-44.43	2.5085G	-44.52	15.04661G	-36.29	2
2452MHz	Pass	2.4195G	-3.16	-33.16	374.93M	-44.48	2.39736G	-45.00	2.50498G	-43.57	24.87379G	-35.90	3
2452MHz	Pass	2.4195G	-3.16	-33.16	2.1202G	-44.12	2.39136G	-44.85	2.51566G	-44.34	24.92989G	-36.28	4

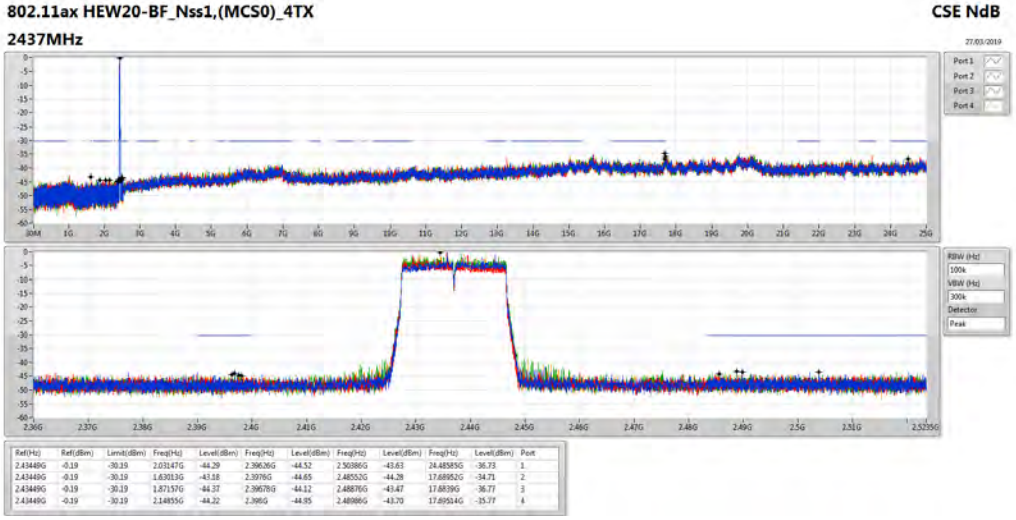
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2412MHz



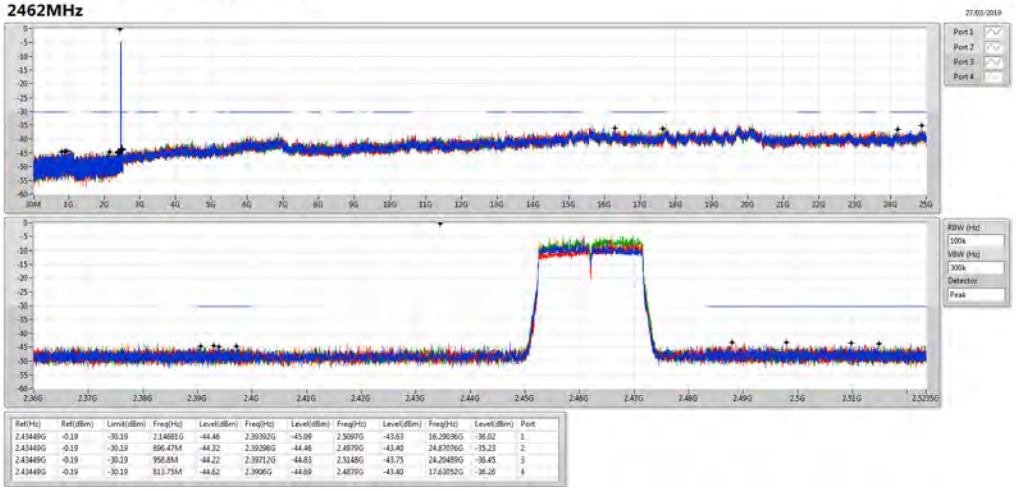
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2437MHz



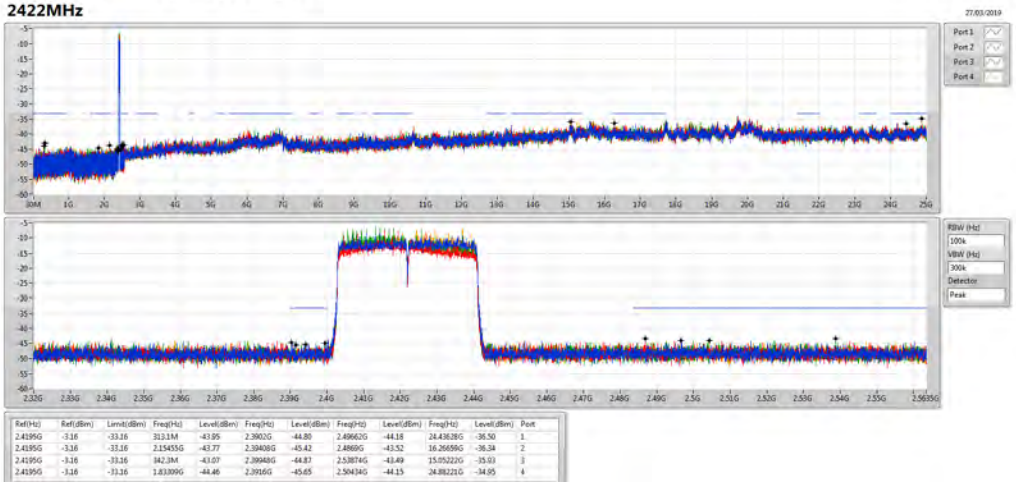
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2462MHz



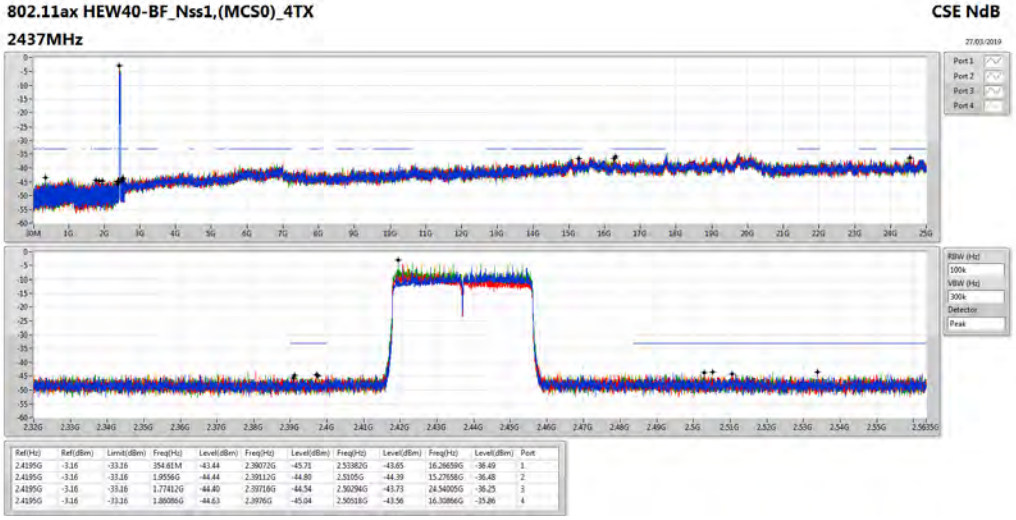
802.11ax HEW40-BF_Nss1,(MCS0)_4TX CSE NdB

2422MHz



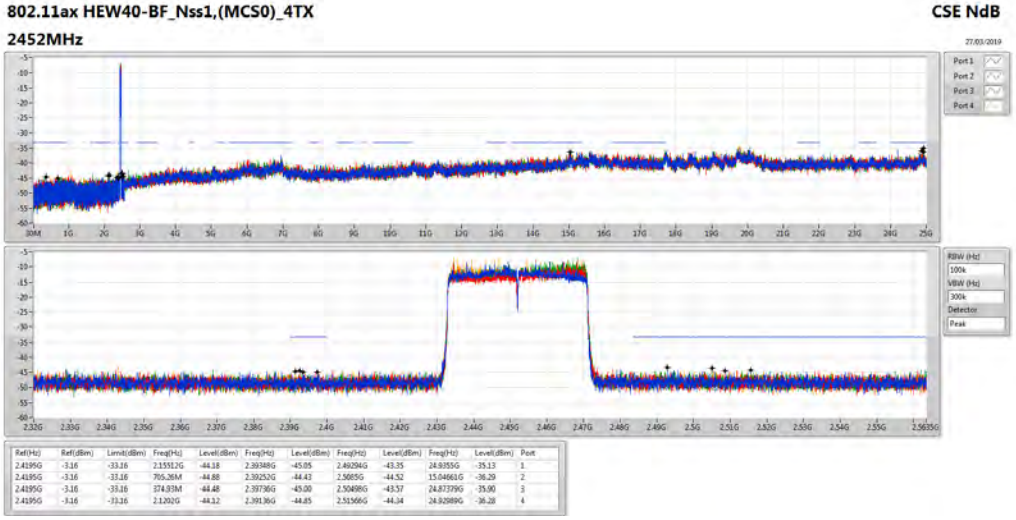
802.11ax HEW40-BF_Nss1,(MCS0)_4TX CSE NdB

2437MHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX CSE NdB

2452MHz



Summary

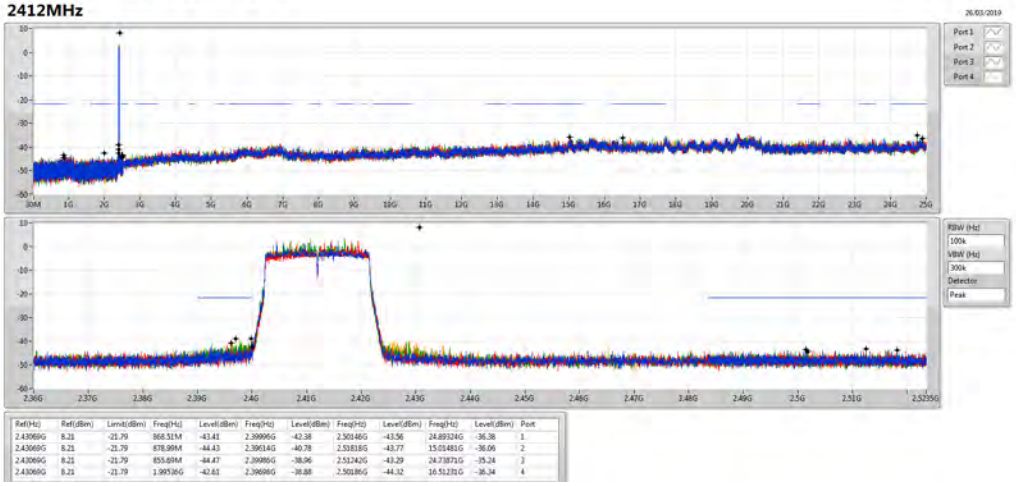
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	Pass	2.43069G	8.21	-21.79	894.43M	-43.97	2.39826G	-43.08	2.49446G	-43.70	17.68952G	-35.20	1
802.11ax HEW40_Nss4,(MCS0)_4TX	Pass	2.42071G	0.68	-29.32	909.65M	-44.12	2.39724G	-43.54	2.48362G	-43.86	17.69131G	-35.57	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43069G	8.21	-21.79	868.51M	-43.41	2.39996G	-42.38	2.50146G	-43.56	24.89324G	-36.38	1
2412MHz	Pass	2.43069G	8.21	-21.79	878.99M	-44.43	2.39614G	-40.78	2.51818G	-43.77	15.01481G	-36.06	2
2412MHz	Pass	2.43069G	8.21	-21.79	855.69M	-44.47	2.39986G	-38.96	2.51242G	-43.29	24.73871G	-35.24	3
2412MHz	Pass	2.43069G	8.21	-21.79	1.99536G	-42.61	2.39698G	-38.88	2.50186G	-44.32	16.51231G	-36.34	4
2437MHz	Pass	2.43069G	8.21	-21.79	894.43M	-43.97	2.39826G	-43.08	2.49446G	-43.70	17.68952G	-35.20	1
2437MHz	Pass	2.43069G	8.21	-21.79	413.29M	-43.56	2.39924G	-40.48	2.48736G	-42.99	24.1487G	-36.18	2
2437MHz	Pass	2.43069G	8.21	-21.79	2.01254G	-44.87	2.396G	-40.08	2.48448G	-42.30	23.45474G	-36.09	3
2437MHz	Pass	2.43069G	8.21	-21.79	2.127G	-44.06	2.39812G	-41.04	2.48848G	-43.04	14.67205G	-36.44	4
2462MHz	Pass	2.43069G	8.21	-21.79	1.62838G	-43.74	2.39704G	-45.09	2.51656G	-43.44	15.34353G	-36.33	1
2462MHz	Pass	2.43069G	8.21	-21.79	2.13923G	-44.73	2.3962G	-44.29	2.49916G	-43.77	15.04853G	-35.72	2
2462MHz	Pass	2.43069G	8.21	-21.79	1.77313G	-43.36	2.39674G	-44.56	2.4855G	-43.66	24.88762G	-35.86	3
2462MHz	Pass	2.43069G	8.21	-21.79	2.10079G	-44.30	2.39662G	-44.37	2.49162G	-43.89	17.45352G	-36.22	4
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42071G	0.68	-29.32	955.45M	-44.26	2.39696G	-44.43	2.56158G	-43.48	24.84855G	-36.21	1
2422MHz	Pass	2.42071G	0.68	-29.32	206.62M	-44.24	2.39948G	-43.92	2.48546G	-44.03	15.02698G	-36.79	2
2422MHz	Pass	2.42071G	0.68	-29.32	913.65M	-44.31	2.39328G	-41.99	2.51634G	-44.02	14.52776G	-36.18	3
2422MHz	Pass	2.42071G	0.68	-29.32	2.03032G	-43.84	2.39748G	-42.26	2.52662G	-43.60	24.18107G	-35.80	4
2437MHz	Pass	2.42071G	0.68	-29.32	909.65M	-44.12	2.39724G	-43.54	2.48362G	-43.86	17.69131G	-35.57	1
2437MHz	Pass	2.42071G	0.68	-29.32	1.71716G	-44.15	2.39848G	-43.64	2.48546G	-44.19	16.25257G	-36.40	2
2437MHz	Pass	2.42071G	0.68	-29.32	1.97278G	-44.58	2.39952G	-40.82	2.4849G	-43.48	16.29464G	-36.48	3
2437MHz	Pass	2.42071G	0.68	-29.32	1.9745G	-43.11	2.39952G	-41.23	2.50138G	-44.36	15.041G	-36.12	4
2452MHz	Pass	2.42071G	0.68	-29.32	892.19M	-44.60	2.39768G	-45.50	2.50166G	-43.53	24.18107G	-36.41	1
2452MHz	Pass	2.42071G	0.68	-29.32	925.1M	-43.73	2.39964G	-44.83	2.51214G	-43.82	24.88221G	-36.28	2
2452MHz	Pass	2.42071G	0.68	-29.32	907.36M	-44.26	2.39712G	-44.92	2.49722G	-43.40	14.71286G	-36.56	3
2452MHz	Pass	2.42071G	0.68	-29.32	2.03776G	-44.76	2.395G	-45.32	2.49514G	-43.85	16.25537G	-36.19	4

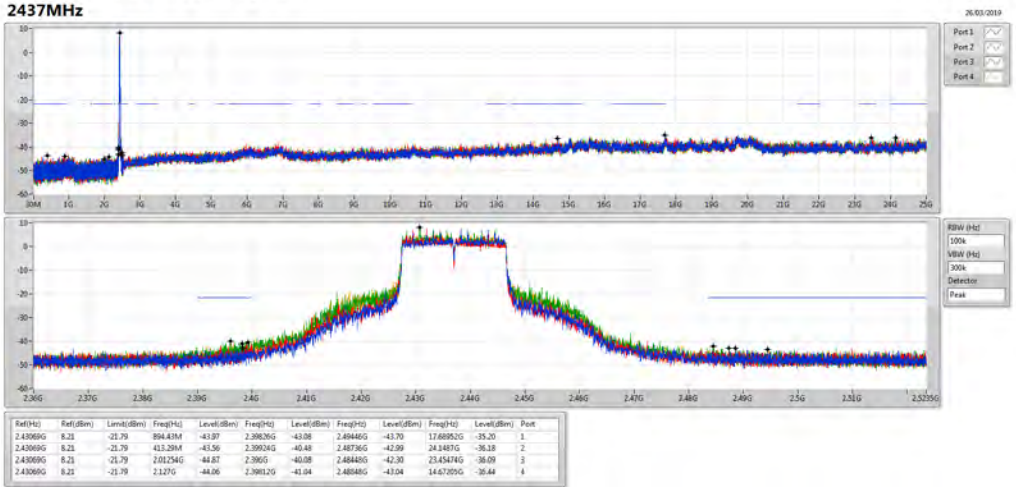
802.11ax HEW20_Nss4,(MCS0)_4TX CSE NdB

2412MHz



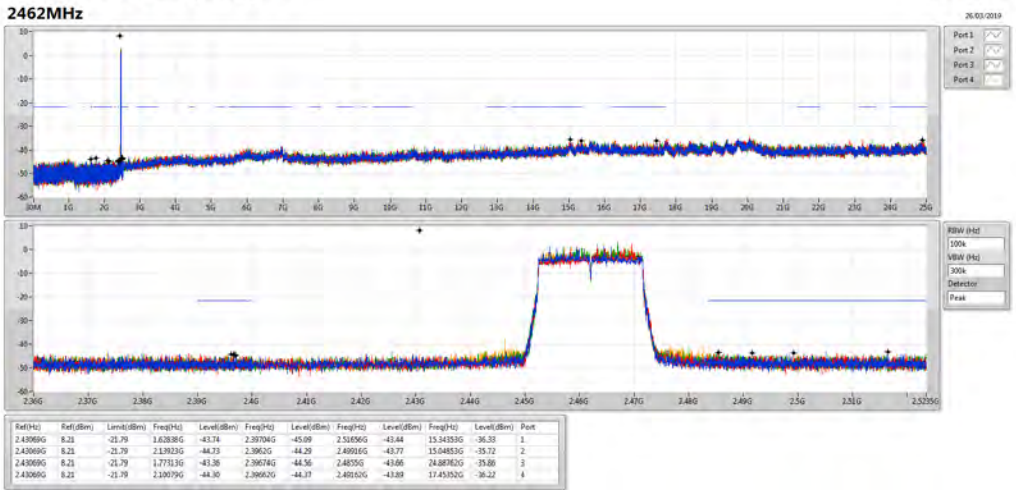
802.11ax HEW20_Nss4,(MCS0)_4TX CSE NdB

2437MHz



802.11ax HEW20_Nss4,(MCS0)_4TX CSE NdB

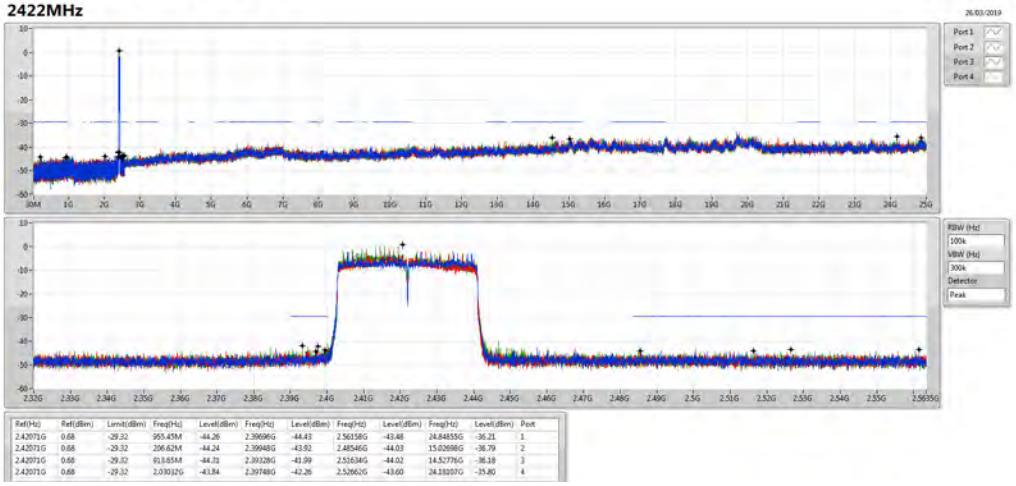
2462MHz



802.11ax HEW40_Nss4,(MCS0)_4TX

CSE NdB

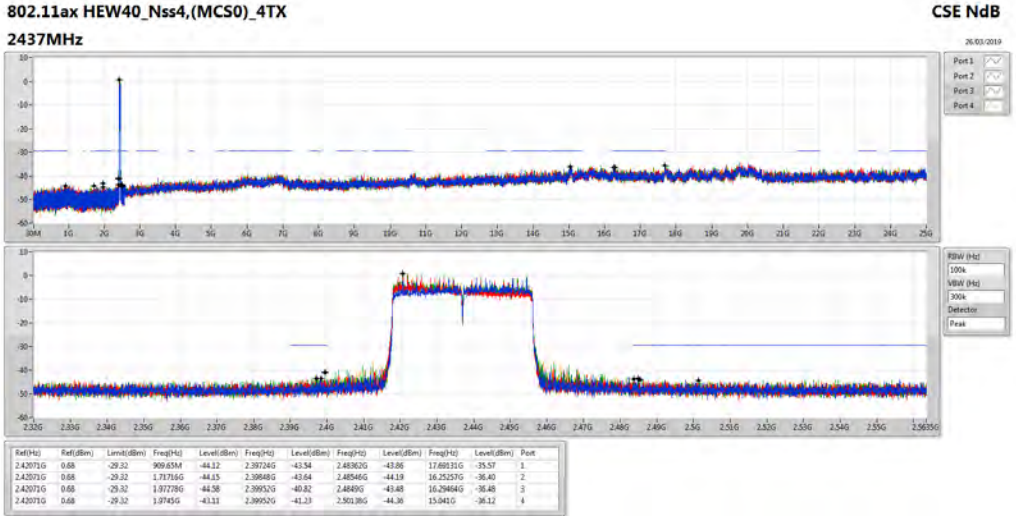
2422MHz



802.11ax HEW40_Nss4,(MCS0)_4TX

CSE NdB

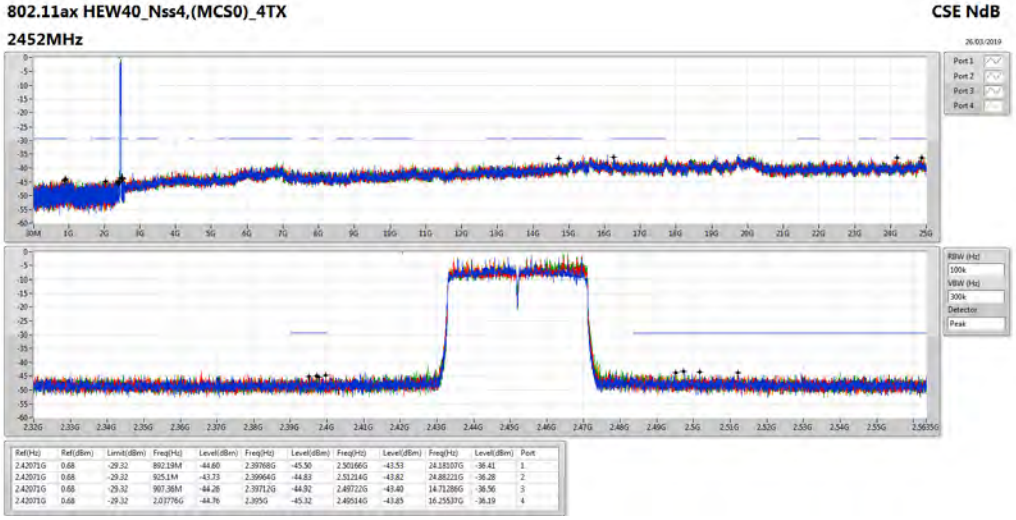
2437MHz



802.11ax HEW40_Nss4,(MCS0)_4TX

CSE NdB

2452MHz



Summary

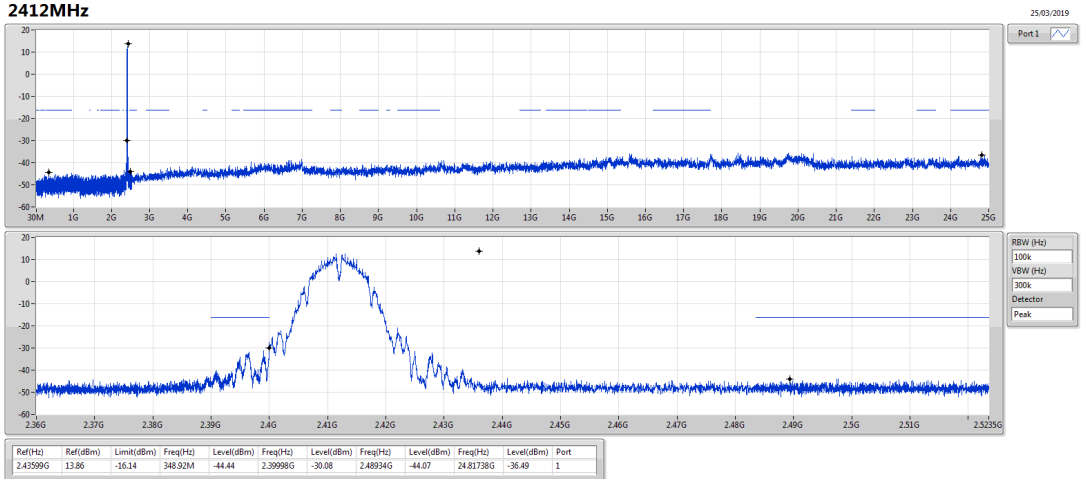
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43599G	13.86	-16.14	348.92M	-44.44	2.39998G	-30.08	2.48934G	-44.07	24.81738G	-36.49	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44321G	9.08	-20.92	392.9M	-44.25	2.39922G	-32.09	2.5082G	-43.38	24.81457G	-36.08	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43323G	8.20	-21.80	1.81565G	-44.50	2.399G	-28.69	2.49076G	-44.18	24.12904G	-36.13	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.44196G	1.59	-28.41	1.87689G	-43.64	2.39636G	-36.82	2.48674G	-41.37	15.08026G	-35.43	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43599G	13.86	-16.14	348.92M	-44.44	2.39998G	-30.08	2.48934G	-44.07	24.81738G	-36.49	1
2437MHz	Pass	2.43599G	13.86	-16.14	508.23M	-44.45	2.39972G	-43.54	2.50244G	-43.97	24.83985G	-36.80	1
2462MHz	Pass	2.43599G	13.86	-16.14	834.72M	-45.12	2.39594G	-45.07	2.51096G	-43.05	15.03448G	-36.61	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44321G	9.08	-20.92	392.9M	-44.25	2.39922G	-32.09	2.5082G	-43.38	24.81457G	-36.08	1
2437MHz	Pass	2.44321G	9.08	-20.92	1.99215G	-44.43	2.3992G	-35.20	2.48538G	-38.94	15.33791G	-36.24	1
2462MHz	Pass	2.44321G	9.08	-20.92	1.97642G	-44.64	2.3979G	-44.11	2.48386G	-41.21	17.04332G	-36.05	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43323G	8.20	-21.80	1.81565G	-44.50	2.399G	-28.69	2.49076G	-44.18	24.12904G	-36.13	1
2437MHz	Pass	2.43323G	8.20	-21.80	779.39M	-44.52	2.39878G	-35.20	2.48528G	-39.45	14.64957G	-36.48	1
2462MHz	Pass	2.43323G	8.20	-21.80	1.93565G	-43.57	2.39106G	-44.00	2.48536G	-43.45	17.69795G	-36.40	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44196G	1.59	-28.41	913.08M	-44.01	2.39672G	-36.39	2.49454G	-43.91	15.041G	-35.65	1
2437MHz	Pass	2.44196G	1.59	-28.41	1.87689G	-43.64	2.39636G	-36.82	2.48674G	-41.37	15.08026G	-35.43	1
2452MHz	Pass	2.44196G	1.59	-28.41	1.8869G	-44.32	2.39956G	-45.00	2.4841G	-39.23	17.68009G	-36.02	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

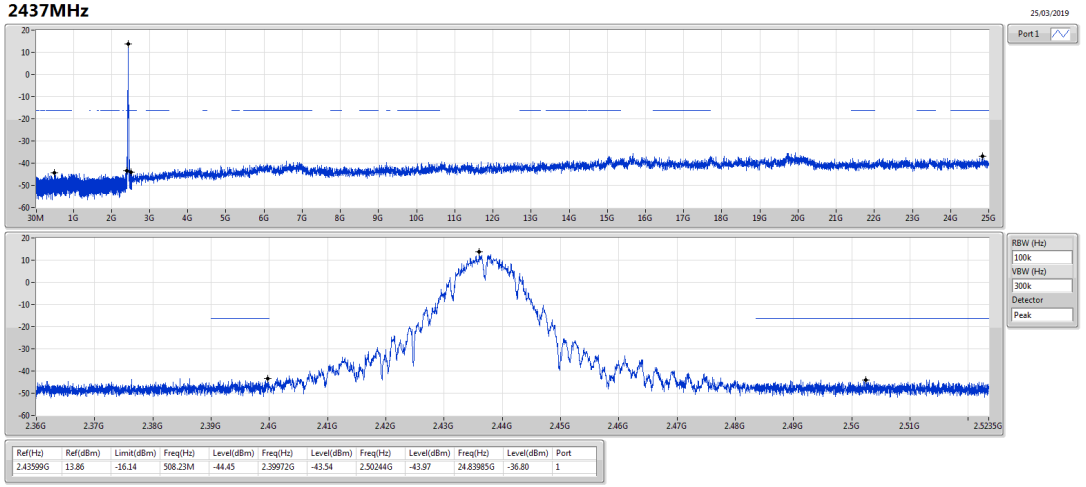
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.86	-16.14	348.92M	-44.44	2.39998G	-30.08	2.48934G	-44.07	24.81738G	-36.49	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

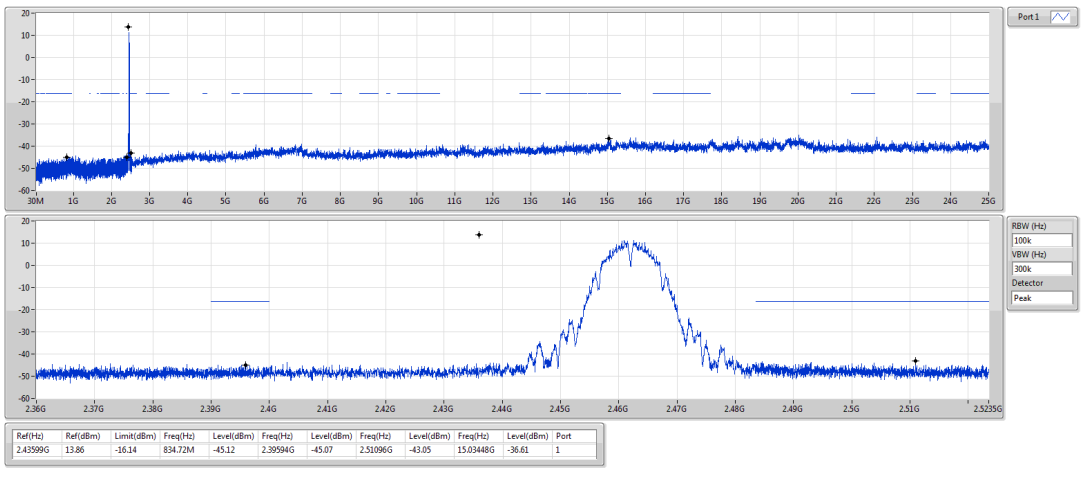
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.86	-16.14	508.23M	-44.45	2.39972G	-43.54	2.50244G	-43.97	24.83985G	-36.80	1

802.11b_Nss1,(1Mbps)_1TX **CSE NdB**

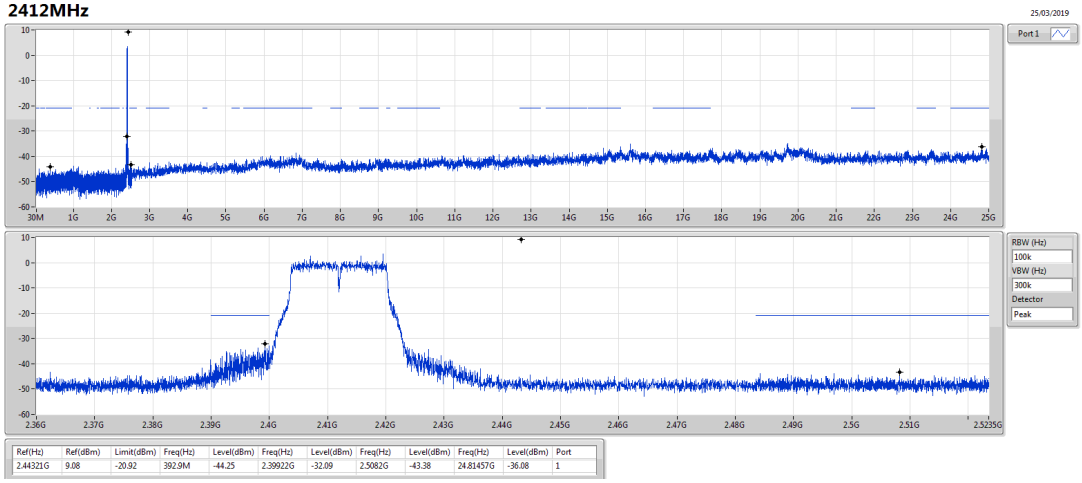
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43599G	13.86	-16.14	834.72M	-45.12	2.39594G	-45.07	2.51096G	-43.05	15.03448G	-36.61	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

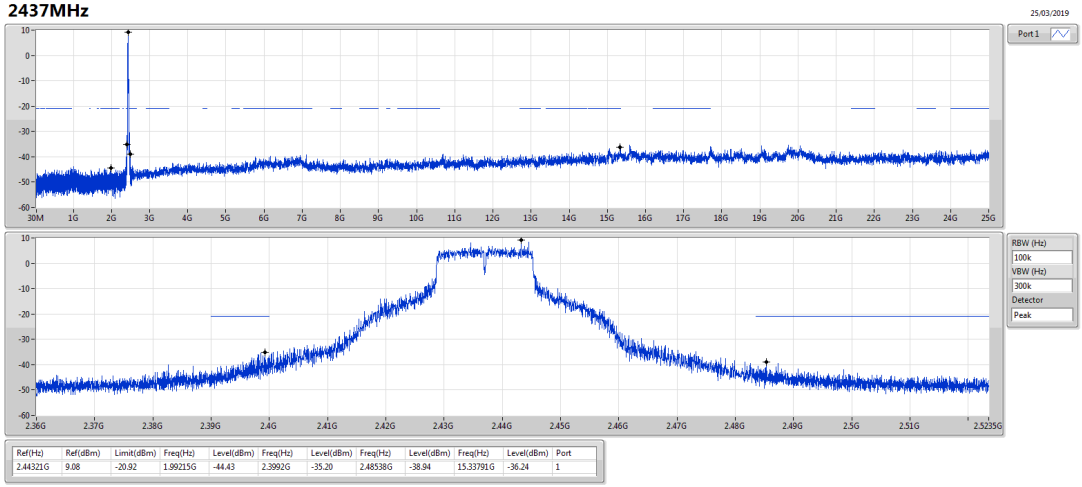
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44321G	9.08	-20.92	392.9M	-44.25	2.39922G	-32.09	2.5082G	-43.38	24.81457G	-36.08	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

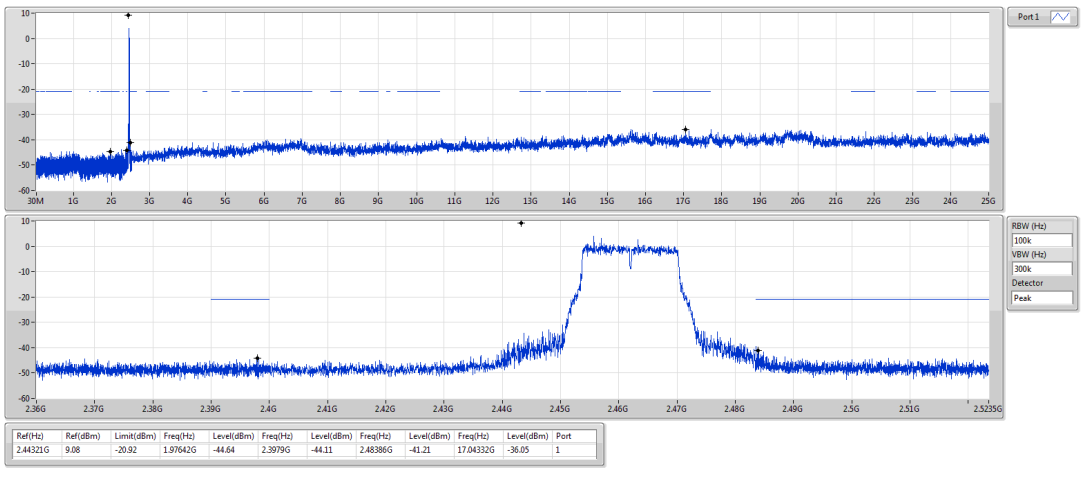
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44321G	9.08	-20.92	1.99215G	-44.43	2.3992G	-35.20	2.48538G	-38.94	15.33791G	-36.24	1

802.11g_Nss1,(6Mbps)_1TX CSE NdB

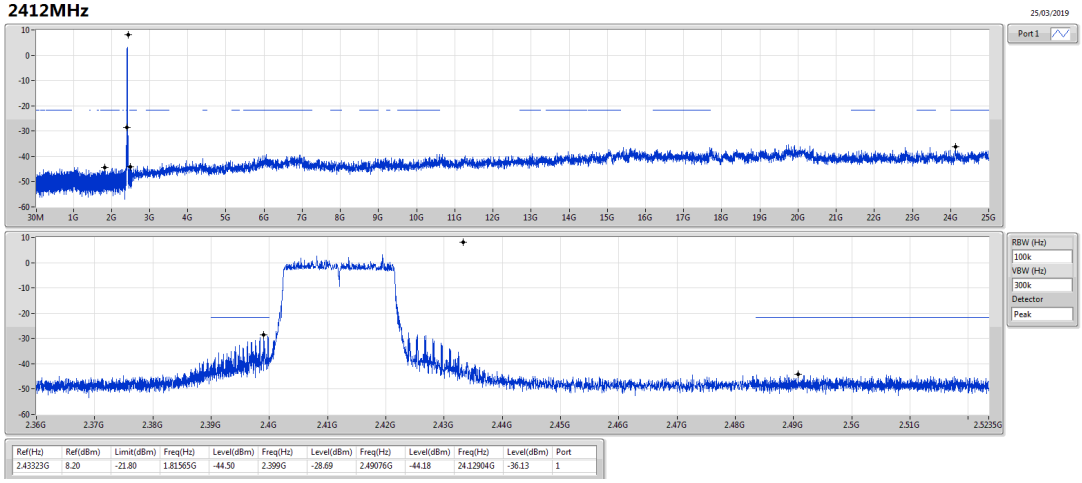
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44321G	9.08	-20.92	1.97642G	-44.64	2.3979G	-44.11	2.48386G	-41.21	17.04332G	-36.05	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

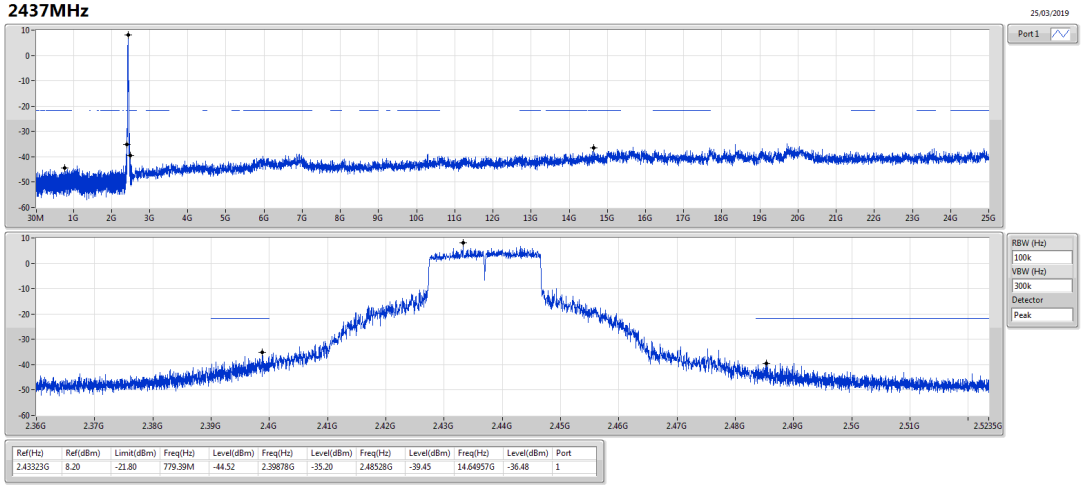
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43323G	8.20	-21.80	1.81565G	-44.50	2.399G	-28.69	2.49076G	-44.18	24.12904G	-36.13	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

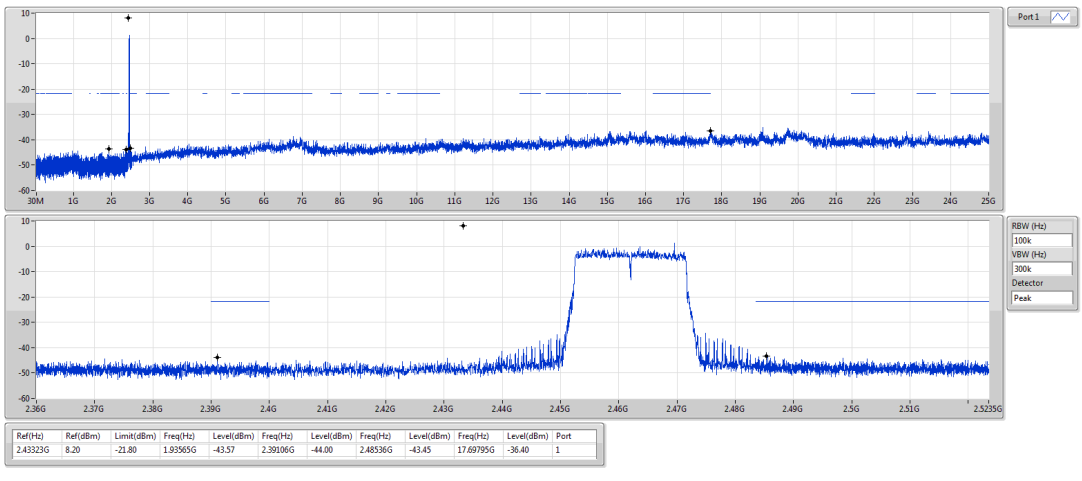
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43323G	8.20	-21.80	779.39M	-44.52	2.39878G	-35.20	2.48528G	-39.45	14.64957G	-36.48	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSE NdB**

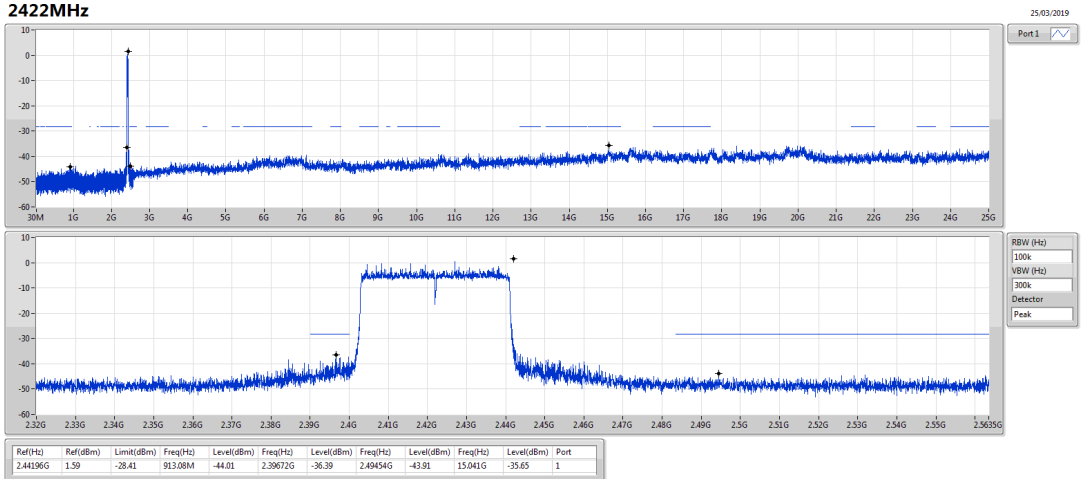
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43323G	8.20	-21.80	1.93565G	-43.57	2.39106G	-44.00	2.48536G	-43.45	17.69795G	-36.40	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSE NdB**

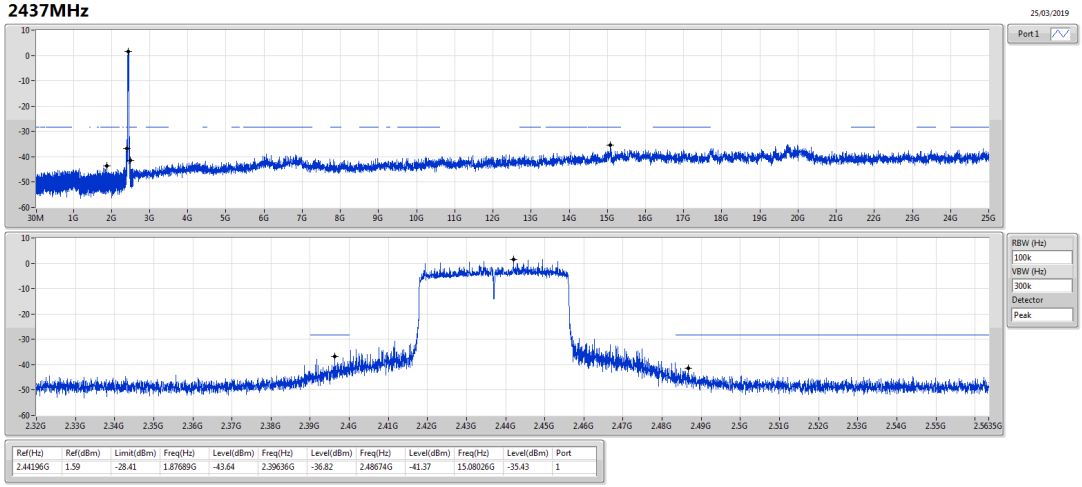
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	1.59	-28.41	913.08M	-44.01	2.39672G	-36.39	2.49454G	-43.91	15.041G	-35.65	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSE NdB**

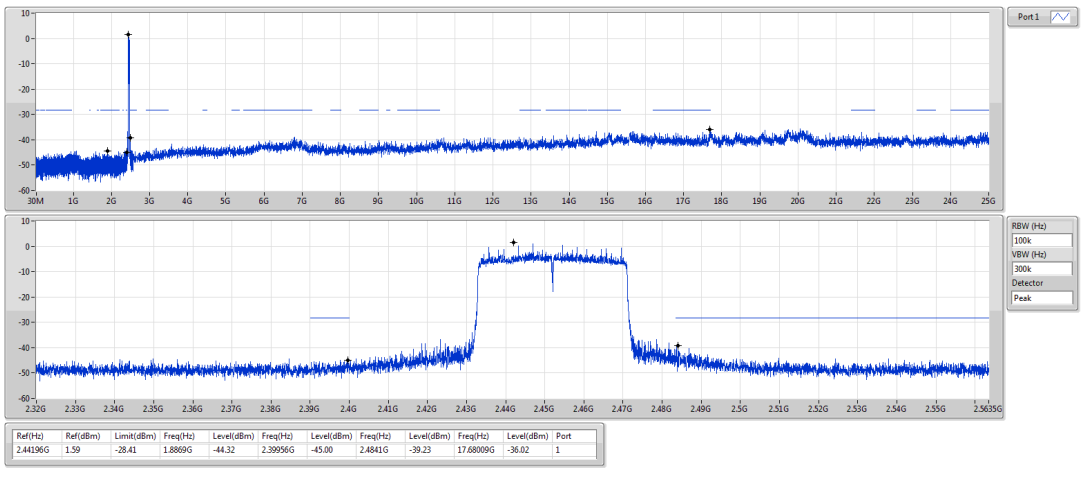
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	1.59	-28.41	1.87689G	-43.64	2.39636G	-36.82	2.48674G	-41.37	15.08026G	-35.43	1

802.11ax HEW40_Nss1,(MCS0)_1TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	1.59	-28.41	1.8869G	-44.32	2.39956G	-45.00	2.4841G	-39.23	17.68009G	-36.02	1

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.43828G	8.10	-21.90	883.95M	-44.27	2.3991G	-35.27	2.50364G	-43.86	16.29317G	-36.31	2
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.42196G	0.35	-29.65	949.44M	-44.27	2.39548G	-43.09	2.48742G	-43.85	15.24854G	-34.88	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43828G	8.10	-21.90	201.55M	-45.25	2.3976G	-38.64	2.48534G	-43.87	24.84266G	-36.55	1
2412MHz	Pass	2.43828G	8.10	-21.90	883.95M	-44.27	2.3991G	-35.27	2.50364G	-43.86	16.29317G	-36.31	2
2437MHz	Pass	2.43828G	8.10	-21.90	1.82294G	-44.39	2.39808G	-39.73	2.48448G	-43.53	17.69233G	-35.97	1
2437MHz	Pass	2.43828G	8.10	-21.90	1.81449G	-44.35	2.39676G	-37.64	2.48536G	-42.75	24.93257G	-36.80	2
2462MHz	Pass	2.43828G	8.10	-21.90	139.8M	-44.36	2.39366G	-44.36	2.50198G	-43.27	23.48846G	-36.54	1
2462MHz	Pass	2.43828G	8.10	-21.90	160.19M	-44.86	2.39846G	-45.05	2.48376G	-40.70	24.89043G	-36.07	2
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42196G	0.35	-29.65	2.30283G	-44.76	2.39148G	-43.57	2.5245G	-44.14	15.0438G	-35.55	1
2422MHz	Pass	2.42196G	0.35	-29.65	1.82794G	-44.49	2.39868G	-44.43	2.53558G	-44.18	15.04661G	-36.12	2
2437MHz	Pass	2.42196G	0.35	-29.65	949.44M	-44.27	2.39548G	-43.09	2.48742G	-43.85	15.24854G	-34.88	1
2437MHz	Pass	2.42196G	0.35	-29.65	905.07M	-45.31	2.39924G	-43.16	2.55374G	-44.62	15.03819G	-36.62	2
2452MHz	Pass	2.42196G	0.35	-29.65	891.04M	-44.26	2.39376G	-45.60	2.49378G	-44.34	17.68009G	-36.06	1
2452MHz	Pass	2.42196G	0.35	-29.65	759.08M	-44.69	2.39372G	-44.43	2.48394G	-43.33	16.30586G	-35.38	2