FCC Test Report

FCC ID	:	L9VPBL6201
Equipment	:	Home Gateway
Brand Name	:	COMTREND
Model Name	:	PBL-6201, NexusLink 3124u, PRT-6302, WAP-5955u
Applicant/ Manufacturer	:	COMTREND Corporation 3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan
Factory 1	:	Datamax Electronics (Dong Guan) Co., Ltd. Niu shan Foreign Economic Industrial park, Dong Cheng District, Dong Guan City, Guang Dong , China.
Factory 2	:	GIANTA CO., LTD No.130,Sec2,Yangxin Rd.,Yang Mei Dist,Taoyuan City326,Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 29, 2020, and testing was started from Jul. 15, 2020 and completed on Jul. 31, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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PHOTOGRAPHS OF EUT V02

History of this test report

Report No.	Version	Description	Issued Date
FR062445AN	01	Initial issue of report	Oct. 28, 2020
FR062445AN	02	Photographs of EUT was updated This report is the latest version replacing for the report issued on Oct. 28, 2020	Nov. 05, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	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:
None

Reviewed by: Sam Tsai

Report Producer: Yunha Liou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	9 07X00747X67	Copper Tube antenna	I-Pex
2	-	9 07X00747X67	Copper Tube antenna	I-Pex
3	-	9 07X00747X66	Copper Tube antenna	I-Pex
4	-	9 07X00747X66	Copper Tube antenna	I-Pex

Ant.	Port	Gain (dBi)				
		2.4G	5G			
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	1.8	3.13	2.83	2.31	2.44
2	2	1.8	3.13	2.83	2.31	2.44
3	3	2.44	4.14	3.38	1.88	1.87
4	4	2.44	4.14	3.38	1.88	1.87

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

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

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Outdoor/Indoor Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz

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

1.1.4 Mode Test Duty Cycle

Non-beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.946	0.24	2.064m	1k
802.11ac VHT20_Nss1,(MCS0)_4TX	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40_Nss1,(MCS0)_4TX	0.971	0.13	952.5u	3k
802.11ac VHT80_Nss1,(MCS0)_4TX	0.939	0.27	460.625u	3k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.978	0.1	1.488m	1k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.96	0.18	772.5u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.927	0.33	401.25u	3k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.885	0.53	232.5u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.938	0.28	3.844m	300
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.929	0.32	3.7m	300
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.812	0.9	3.401m	300
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.912	0.4	2.931m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.904	0.44	3.101m	1k
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.902	0.45	4.149m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.945	0.25	4.149m	300

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
COMTREND	PBL-6201	All the models are identical, the difference model served as marketing strategy.
	NexusLink 3124u	
	PRT-6302	
	WAP-5955u	

Form the above models, model: PBL-6201 was selected as representative model for the test and its data was recorded in this report.

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
- KDB 789033 D02 v02r01

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward	24.6~26.5°C / 53~58%	20/Jul/2020~ 31/Jul/2020
RF Conducted	TH01-HY	Barry	25.1~25.8°C / 55~59%	25/Jul/2020~ 29/Jul/2020
Radiated	03CH03-HY	Edward	22.1~23.8°C / 50~62%	15/Jul/2020~ 27/Jul/2020

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Non-beamforming

Test Software Version	AccessMTool_REL_3_1_0_1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	94
5200MHz	100
5240MHz	101
5260MHz	75
5300MHz	76
5320MHz	76
5500MHz	72
5580MHz	74
5700MHz	76
5720MHz Straddle 5.47-5.725GHz	74
5720MHz Straddle 5.725-5.85GHz	74
5745MHz	100
5785MHz	101
5825MHz	102
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	91
5200MHz	99
5240MHz	99
5260MHz	73
5300MHz	73
5320MHz	73
5500MHz	69
5580MHz	70

Mode	Power Setting
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	98
5785MHz	99
5825MHz	99
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	97
5270MHz	71
5310MHz	74
5510MHz	70
5550MHz	71
5670MHz	73
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
5755MHz	97
5795MHz	97
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	71
5290MHz	74
5530MHz	71
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	72
5690MHz Straddle 5.725-5.85GHz	72
5775MHz	99
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	91
5200MHz	99
5240MHz	99
5260MHz	73
5300MHz	73
5320MHz	73
5500MHz	69
5580MHz	70

Mode	Power Setting
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	98
5785MHz	99
5825MHz	99
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	97
5270MHz	71
5310MHz	74
5510MHz	70
5550MHz	71
5670MHz	73
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
5755MHz	97
5795MHz	98
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	71
5290MHz	74
5530MHz	71
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	72
5690MHz Straddle 5.725-5.85GHz	72
5775MHz	99
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	73
5250MHz Straddle 5.25-5.35GHz	73
5570MHz	66

Beamforming

Test Software Version	Dos1.6

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	86
5200MHz	97
5240MHz	96
5260MHz	68
5300MHz	68
5320MHz	68
5500MHz	65
5580MHz	68
5700MHz	69
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	101
5785MHz	100
5825MHz	100
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	58
5230MHz	93
5270MHz	67
5310MHz	65
5510MHz	66
5550MHz	66
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	68
5710MHz Straddle 5.725-5.85GHz	68
5755MHz	97
5795MHz	97
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	68
5290MHz	68
5530MHz	66
5610MHz	67

Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	67
5690MHz Straddle 5.725-5.85GHz	67
5775MHz	92
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	86
5200MHz	97
5240MHz	96
5260MHz	68
5300MHz	68
5320MHz	68
5500MHz	65
5580MHz	68
5700MHz	69
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	101
5785MHz	100
5825MHz	100
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	58
5230MHz	93
5270MHz	67
5310MHz	65
5510MHz	66
5550MHz	66
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	68
5710MHz Straddle 5.725-5.85GHz	68
5755MHz	97
5795MHz	97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	68
5290MHz	68
5530MHz	66
5610MHz	67

Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	67
5690MHz Straddle 5.725-5.85GHz	67
5775MHz	92
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	70
5250MHz Straddle 5.25-5.35GHz	70
5570MHz	60

2.3 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA062445 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter	**Brand Name**	AMIGO	Model Name	AMS241-1203000FU
	Power Rating	I/P:100 - 240Vac, 1.2A, O/P: 12Vdc, 3A		
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core		

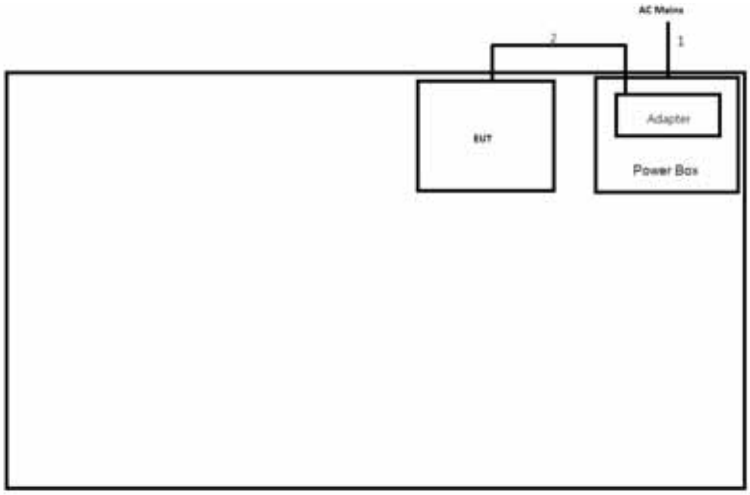
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

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

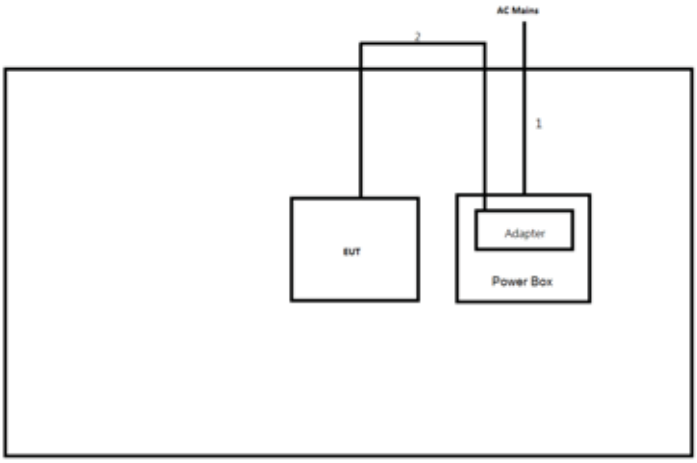
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

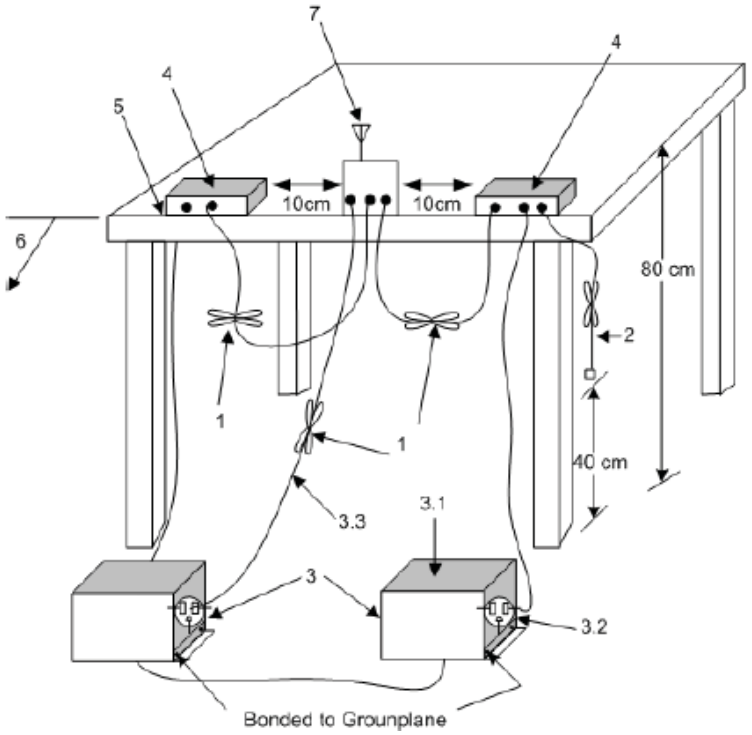
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

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

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, N/A
☒ For the 5.47-5.725 GHz band, N/A
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

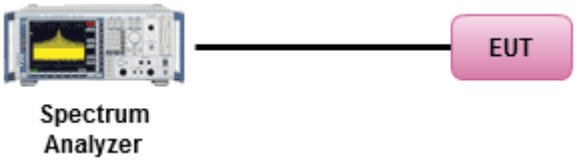
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 6.7 for 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	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

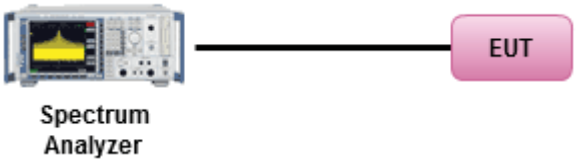
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☐ Refer as KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

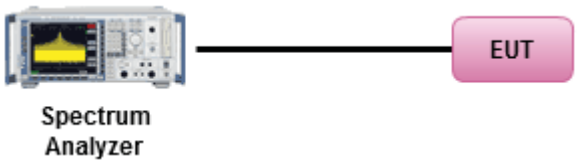
3.4.2 Measuring Instruments

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 shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	Duty cycle ≥ 98%	
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	Duty cycle < 98%	
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method		
▪ 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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
		☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

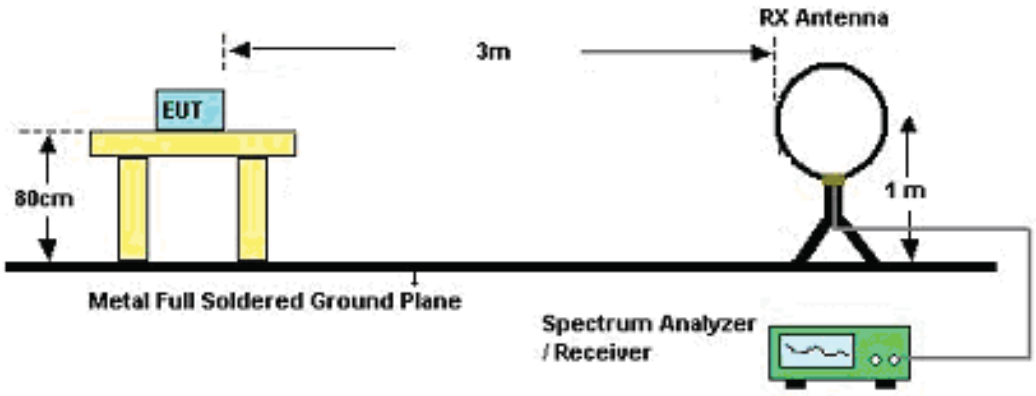
3.5.4 Measurement Results Calculation

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

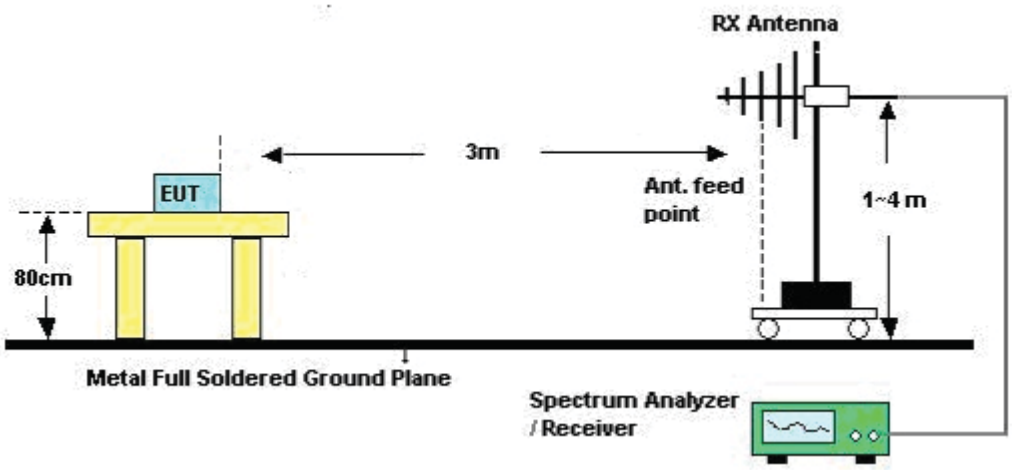
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

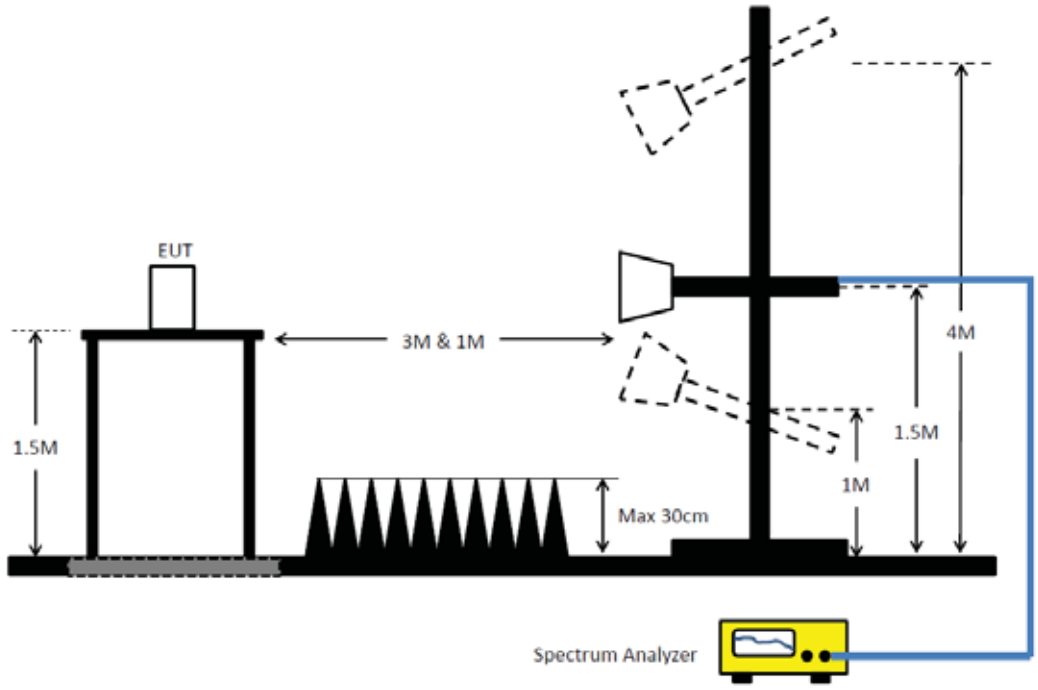
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

Instrument for Conducted Test

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

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Aug/2019	29/Aug/2020
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Aug/2019	29/Aug/2020
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	15/Aug/2019	14/Aug/2020
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	09/Sep/2019	08/Sep/2020
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz ~ 1GHz	19/Apr/2020	18/Apr/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz ~ 1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN 805801/4+SN 804300/4	1GHz ~ 40GHz	18/Mar/2020	17/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	383.278k	28.32	48.20	-19.88	Neutral
Mode 2	Pass	AV	571.327k	27.35	46.00	-18.65	Line

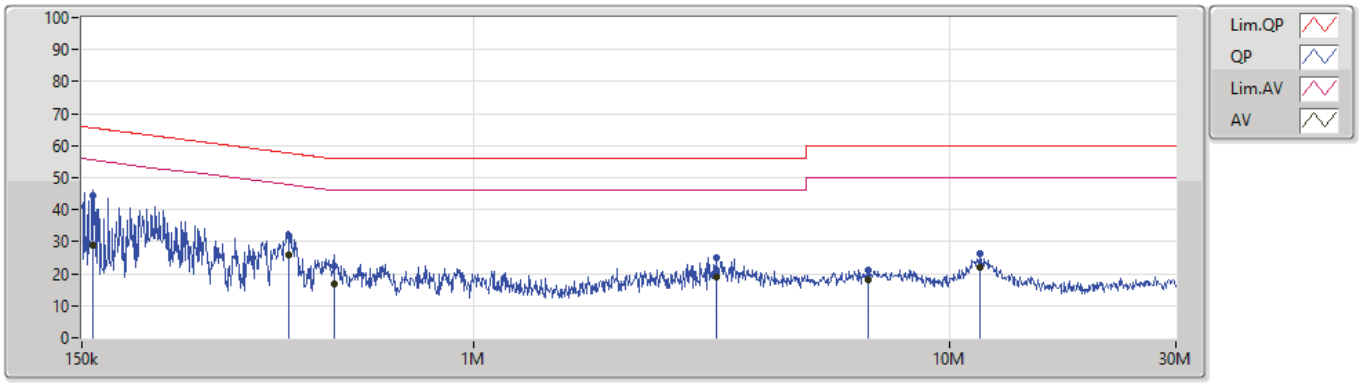
Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	157.99k	44.51	65.56	-21.05	Line	"Worst"
Mode 1	Pass	AV	157.99k	28.89	55.56	-26.67	Line	-
Mode 1	Pass	QP	408.557k	31.69	57.68	-25.99	Line	-
Mode 1	Pass	AV	408.557k	25.70	47.68	-21.98	Line	-
Mode 1	Pass	QP	508.871k	22.24	56.00	-33.76	Line	-
Mode 1	Pass	AV	508.871k	16.61	46.00	-29.39	Line	-
Mode 1	Pass	QP	3.244M	24.91	56.00	-31.09	Line	-
Mode 1	Pass	AV	3.244M	18.83	46.00	-27.17	Line	-
Mode 1	Pass	QP	6.762M	21.08	60.00	-38.92	Line	-
Mode 1	Pass	AV	6.762M	17.95	50.00	-32.05	Line	-
Mode 1	Pass	QP	11.591M	26.26	60.00	-33.74	Line	-
Mode 1	Pass	AV	11.591M	22.19	50.00	-27.81	Line	-
Mode 1	Pass	QP	170.439k	42.33	64.93	-22.60	Neutral	-
Mode 1	Pass	AV	170.439k	26.80	54.93	-28.13	Neutral	-
Mode 1	Pass	QP	200.748k	41.09	63.57	-22.48	Neutral	-
Mode 1	Pass	AV	200.748k	29.13	53.57	-24.44	Neutral	-
Mode 1	Pass	QP	383.278k	34.62	58.20	-23.58	Neutral	-
Mode 1	Pass	AV	383.278k	28.32	48.20	-19.88	Neutral	"Worst"
Mode 1	Pass	QP	3.129M	20.77	56.00	-35.23	Neutral	-
Mode 1	Pass	AV	3.129M	15.80	46.00	-30.20	Neutral	-
Mode 1	Pass	QP	6.762M	18.64	60.00	-41.36	Neutral	-
Mode 1	Pass	AV	6.762M	15.97	50.00	-34.03	Neutral	-
Mode 1	Pass	QP	11.544M	25.06	60.00	-34.94	Neutral	-
Mode 1	Pass	AV	11.544M	21.27	50.00	-28.73	Neutral	-
Mode 2	Pass	QP	153.024k	46.98	65.83	-18.85	Line	-
Mode 2	Pass	AV	153.024k	31.70	55.83	-24.13	Line	-
Mode 2	Pass	QP	389.447k	30.67	58.08	-27.41	Line	-
Mode 2	Pass	AV	389.447k	24.47	48.08	-23.61	Line	-
Mode 2	Pass	QP	571.327k	33.86	56.00	-22.14	Line	-
Mode 2	Pass	AV	571.327k	27.35	46.00	-18.65	Line	"Worst"
Mode 2	Pass	QP	2.889M	26.73	56.00	-29.27	Line	-
Mode 2	Pass	AV	2.889M	20.13	46.00	-25.87	Line	-
Mode 2	Pass	QP	4.089M	28.81	56.00	-27.19	Line	-
Mode 2	Pass	AV	4.089M	20.19	46.00	-25.81	Line	-
Mode 2	Pass	QP	13.543M	28.26	60.00	-31.74	Line	-
Mode 2	Pass	AV	13.543M	18.62	50.00	-31.38	Line	-
Mode 2	Pass	QP	150k	47.03	66.00	-18.97	Neutral	"Worst"
Mode 2	Pass	AV	150k	31.60	56.00	-24.40	Neutral	-
Mode 2	Pass	QP	405.309k	35.55	57.74	-22.19	Neutral	-
Mode 2	Pass	AV	405.309k	28.34	47.74	-19.40	Neutral	-
Mode 2	Pass	QP	571.327k	33.49	56.00	-22.51	Neutral	-
Mode 2	Pass	AV	571.327k	25.88	46.00	-20.12	Neutral	-
Mode 2	Pass	QP	2.983M	26.31	56.00	-29.69	Neutral	-

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 2	Pass	AV	2.983M	19.63	46.00	-26.37	Neutral	-
Mode 2	Pass	QP	4.171M	29.48	56.00	-26.52	Neutral	-
Mode 2	Pass	AV	4.171M	19.43	46.00	-26.57	Neutral	-
Mode 2	Pass	QP	13.543M	28.87	60.00	-31.13	Neutral	-
Mode 2	Pass	AV	13.543M	19.15	50.00	-30.85	Neutral	-

Conducted Emissions at Powerline_Mode 1

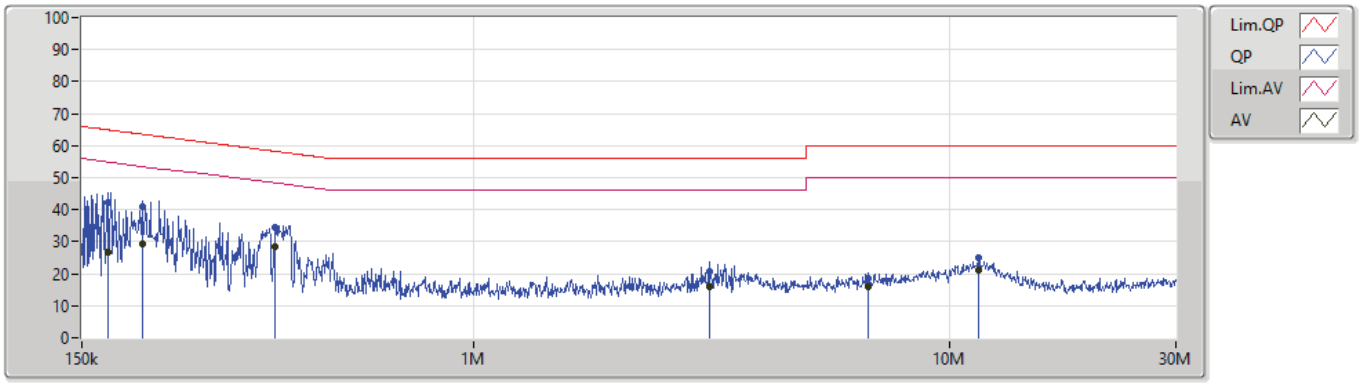
20/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.99k	44.51	65.56	-21.05	19.64	Line	"Worst"	24.87	9.66	0.11	9.87
AV	157.99k	28.89	55.56	-26.67	19.64	Line	-	9.25	9.66	0.11	9.87
QP	408.557k	31.69	57.68	-25.99	19.64	Line	-	12.05	9.64	0.13	9.87
AV	408.557k	25.70	47.68	-21.98	19.64	Line	-	6.06	9.64	0.13	9.87
QP	508.871k	22.24	56.00	-33.76	19.63	Line	-	2.61	9.64	0.12	9.87
AV	508.871k	16.61	46.00	-29.39	19.63	Line	-	-3.02	9.64	0.12	9.87
QP	3.244M	24.91	56.00	-31.09	19.71	Line	-	5.20	9.66	0.17	9.88
AV	3.244M	18.83	46.00	-27.17	19.71	Line	-	-0.88	9.66	0.17	9.88
QP	6.762M	21.08	60.00	-38.92	19.79	Line	-	1.29	9.68	0.23	9.88
AV	6.762M	17.95	50.00	-32.05	19.79	Line	-	-1.84	9.68	0.23	9.88
QP	11.591M	26.26	60.00	-33.74	19.84	Line	-	6.42	9.68	0.28	9.88
AV	11.591M	22.19	50.00	-27.81	19.84	Line	-	2.35	9.68	0.28	9.88

Conducted Emissions at Powerline_Mode 1

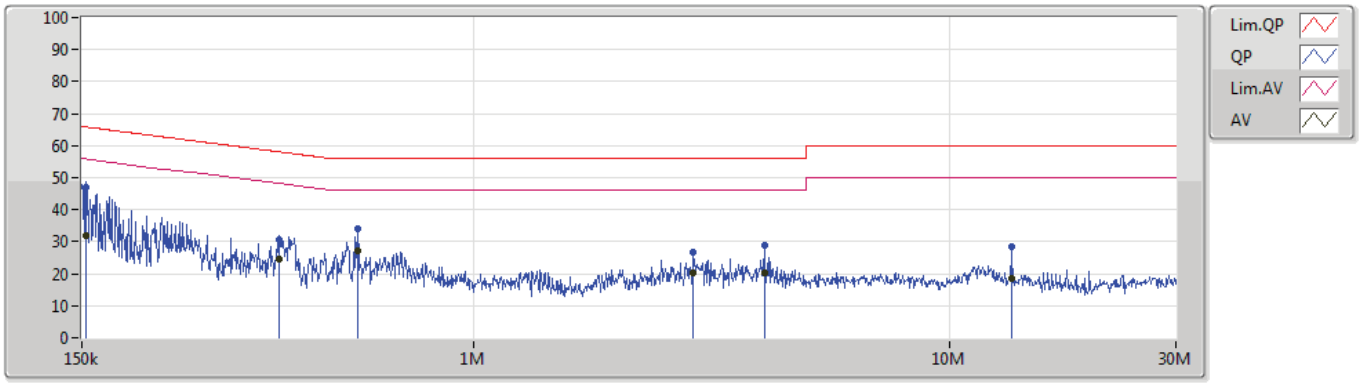
20/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	170.439k	42.33	64.93	-22.60	19.63	Neutral	-	22.70	9.65	0.11	9.87
AV	170.439k	26.80	54.93	-28.13	19.63	Neutral	-	7.17	9.65	0.11	9.87
QP	200.748k	41.09	63.57	-22.48	19.62	Neutral	-	21.47	9.64	0.11	9.87
AV	200.748k	29.13	53.57	-24.44	19.62	Neutral	-	9.51	9.64	0.11	9.87
QP	383.278k	34.62	58.20	-23.58	19.63	Neutral	-	14.99	9.63	0.13	9.87
AV	383.278k	28.32	48.20	-19.88	19.63	Neutral	"Worst"	8.69	9.63	0.13	9.87
QP	3.129M	20.77	56.00	-35.23	19.71	Neutral	-	1.06	9.66	0.17	9.88
AV	3.129M	15.80	46.00	-30.20	19.71	Neutral	-	-3.91	9.66	0.17	9.88
QP	6.762M	18.64	60.00	-41.36	19.79	Neutral	-	-1.15	9.68	0.23	9.88
AV	6.762M	15.97	50.00	-34.03	19.79	Neutral	-	-3.82	9.68	0.23	9.88
QP	11.544M	25.06	60.00	-34.94	19.86	Neutral	-	5.20	9.70	0.28	9.88
AV	11.544M	21.27	50.00	-28.73	19.86	Neutral	-	1.41	9.70	0.28	9.88

Conducted Emissions at Powerline_Mode 2

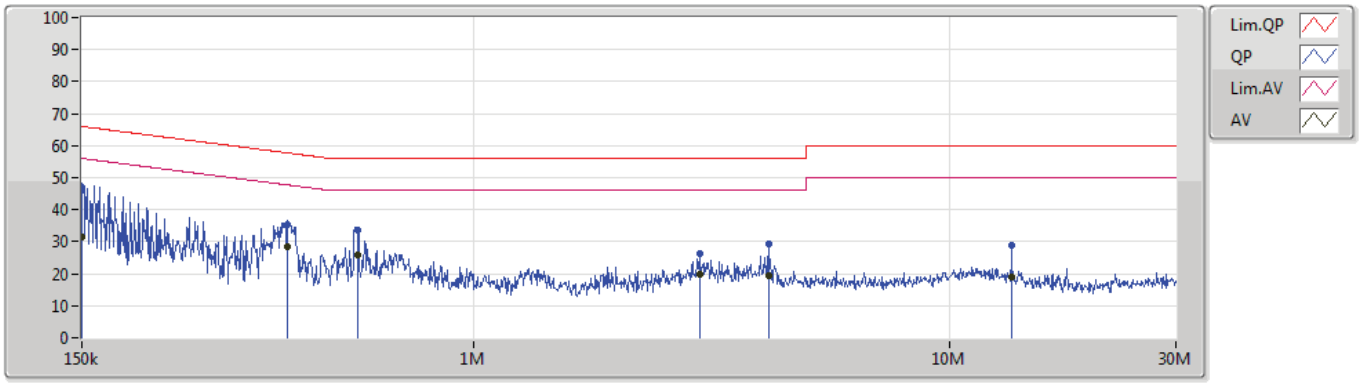
31/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.024k	46.98	65.83	-18.85	19.64	Line	-	27.34	9.66	0.11	9.87
AV	153.024k	31.70	55.83	-24.13	19.64	Line	-	12.06	9.66	0.11	9.87
QP	389.447k	30.67	58.08	-27.41	19.64	Line	-	11.03	9.64	0.13	9.87
AV	389.447k	24.47	48.08	-23.61	19.64	Line	-	4.83	9.64	0.13	9.87
QP	571.327k	33.86	56.00	-22.14	19.63	Line	-	14.23	9.64	0.12	9.87
AV	571.327k	27.35	46.00	-18.65	19.63	Line	"Worst"	7.72	9.64	0.12	9.87
QP	2.889M	26.73	56.00	-29.27	19.70	Line	-	7.03	9.66	0.16	9.88
AV	2.889M	20.13	46.00	-25.87	19.70	Line	-	0.43	9.66	0.16	9.88
QP	4.089M	28.81	56.00	-27.19	19.72	Line	-	9.09	9.66	0.18	9.88
AV	4.089M	20.19	46.00	-25.81	19.72	Line	-	0.47	9.66	0.18	9.88
QP	13.543M	28.26	60.00	-31.74	19.85	Line	-	8.41	9.67	0.30	9.88
AV	13.543M	18.62	50.00	-31.38	19.85	Line	-	-1.23	9.67	0.30	9.88

Conducted Emissions at Powerline_Mode 2

31/07/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	47.03	66.00	-18.97	19.63	Neutral	"Worst"	27.40	9.65	0.11	9.87
AV	150k	31.60	56.00	-24.40	19.63	Neutral	-	11.97	9.65	0.11	9.87
QP	405.309k	35.55	57.74	-22.19	19.63	Neutral	-	15.92	9.63	0.13	9.87
AV	405.309k	28.34	47.74	-19.40	19.63	Neutral	-	8.71	9.63	0.13	9.87
QP	571.327k	33.49	56.00	-22.51	19.62	Neutral	-	13.87	9.63	0.12	9.87
AV	571.327k	25.88	46.00	-20.12	19.62	Neutral	-	6.26	9.63	0.12	9.87
QP	2.983M	26.31	56.00	-29.69	19.70	Neutral	-	6.61	9.66	0.16	9.88
AV	2.983M	19.63	46.00	-26.37	19.70	Neutral	-	-0.07	9.66	0.16	9.88
QP	4.171M	29.48	56.00	-26.52	19.72	Neutral	-	9.76	9.66	0.18	9.88
AV	4.171M	19.43	46.00	-26.57	19.72	Neutral	-	-0.29	9.66	0.18	9.88
QP	13.543M	28.87	60.00	-31.13	19.89	Neutral	-	8.98	9.71	0.30	9.88
AV	13.543M	19.15	50.00	-30.85	19.89	Neutral	-	-0.74	9.71	0.30	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	36.81M	16.816M	16M8D1D	21.45M	16.576M
802.11ac VHT20_Nss1,(MCS0)_4TX	28.98M	17.871M	17M9D1D	21.72M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	51.96M	36.366M	36M4D1D	39.78M	36.222M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.802M	75M8D1D	81.24M	75.61M
802.11ax HEW20_Nss1,(MCS0)_4TX	30.81M	19.022M	19M0D1D	21.66M	18.975M
802.11ax HEW40_Nss1,(MCS0)_4TX	44.58M	37.661M	37M7D1D	39.96M	37.517M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.32M	77.049M	77M0D1D	81.48M	76.954M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.32M	77.721M	77M7D1D	81.6M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.66M	16.648M	16M6D1D	21.42M	16.528M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.87M	17.823M	17M8D1D	21.39M	17.727M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.26M	36.318M	36M3D1D	39.78M	36.126M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.802M	75M8D1D	81.24M	75.61M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	19.022M	19M0D1D	21.39M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.613M	37M6D1D	39.84M	37.469M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.145M	77M1D1D	81.6M	76.954M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.56M	77.481M	77M5D1D	82.44M	77.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72M	16.624M	16M6D1D	15.51M	13.29M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.84M	17.799M	17M8D1D	15.661M	13.826M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.32M	36.27M	36M3D1D	34.796M	32.924M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.96M	75.802M	75M8D1D	75.668M	72.46M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	19.022M	19M0D1D	15.675M	14.458M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.26M	37.613M	37M6D1D	34.898M	33.598M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.08M	77.145M	77M1D1D	75.815M	73.123M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.12M	155.442M	155MD1D	164.4M	154.867M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	16.648M	16M6D1D	3.135M	3.808M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.58M	17.799M	17M8D1D	3.78M	4.258M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.36M	36.318M	36M3D1D	3.135M	3.493M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.72M	75.898M	75M9D1D	2.88M	3.478M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.96M	19.022M	19M0D1D	4.44M	4.528M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.2M	37.661M	37M7D1D	3.705M	4.048M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.84M	77.145M	77M1D1D	3.21M	4.063M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.45M	16.576M	22.02M	16.648M	22.26M	16.648M	21.51M	16.576M
5200MHz	Pass	Inf	27.27M	16.672M	28.98M	16.72M	36.63M	16.792M	26.52M	16.624M
5240MHz	Pass	Inf	27.42M	16.672M	29.01M	16.768M	36.81M	16.816M	26.79M	16.648M
5260MHz	Pass	Inf	21.48M	16.528M	21.66M	16.6M	21.6M	16.624M	21.51M	16.528M
5300MHz	Pass	Inf	21.51M	16.6M	21.63M	16.6M	21.63M	16.576M	21.51M	16.552M
5320MHz	Pass	Inf	21.45M	16.576M	21.63M	16.576M	21.6M	16.648M	21.42M	16.576M
5500MHz	Pass	Inf	21.39M	16.6M	21.69M	16.6M	21.72M	16.6M	21.45M	16.576M
5580MHz	Pass	Inf	21.51M	16.624M	21.69M	16.6M	21.54M	16.6M	21.51M	16.528M
5700MHz	Pass	Inf	21.48M	16.6M	21.69M	16.6M	21.69M	16.6M	21.63M	16.576M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.538M	13.303M	15.606M	13.317M	15.675M	13.303M	15.51M	13.29M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	3.928M	3.135M	3.883M	3.135M	3.898M	3.15M	3.808M
5745MHz	Pass	500k	16.35M	16.6M	16.29M	16.648M	16.32M	16.648M	16.32M	16.576M
5785MHz	Pass	500k	16.35M	16.648M	16.29M	16.624M	16.32M	16.6M	16.35M	16.624M
5825MHz	Pass	500k	16.29M	16.648M	16.32M	16.648M	16.32M	16.624M	16.32M	16.648M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.81M	17.799M	22.08M	17.823M	25.11M	17.775M	21.75M	17.775M
5200MHz	Pass	Inf	27.18M	17.847M	28.98M	17.799M	22.83M	17.847M	21.87M	17.751M
5240MHz	Pass	Inf	22.5M	17.871M	23.37M	17.847M	22.71M	17.847M	21.72M	17.775M
5260MHz	Pass	Inf	21.87M	17.799M	21.66M	17.751M	21.39M	17.823M	21.72M	17.727M
5300MHz	Pass	Inf	21.81M	17.775M	21.6M	17.751M	21.51M	17.823M	21.75M	17.775M
5320MHz	Pass	Inf	21.81M	17.727M	21.57M	17.775M	21.45M	17.751M	21.66M	17.775M
5500MHz	Pass	Inf	21.75M	17.799M	21.54M	17.751M	21.48M	17.775M	21.66M	17.799M
5580MHz	Pass	Inf	21.84M	17.799M	21.66M	17.751M	21.48M	17.799M	21.75M	17.775M
5700MHz	Pass	Inf	21.81M	17.775M	21.69M	17.799M	21.42M	17.775M	21.78M	17.799M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.703M	13.881M	15.661M	13.826M	15.661M	13.894M	15.73M	13.881M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.303M	3.78M	4.303M	3.78M	4.258M	3.78M	4.318M
5745MHz	Pass	500k	17.52M	17.799M	17.58M	17.775M	17.55M	17.799M	17.55M	17.775M
5785MHz	Pass	500k	17.52M	17.799M	17.58M	17.775M	17.55M	17.775M	17.58M	17.775M
5825MHz	Pass	500k	17.52M	17.799M	17.55M	17.799M	17.58M	17.799M	17.58M	17.751M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	36.222M	39.84M	36.222M	39.96M	36.222M	39.78M	36.222M
5230MHz	Pass	Inf	51.96M	36.366M	45.72M	36.366M	44.64M	36.366M	39.96M	36.27M
5270MHz	Pass	Inf	40.26M	36.318M	39.96M	36.174M	40.14M	36.222M	39.9M	36.222M
5310MHz	Pass	Inf	40.2M	36.27M	39.84M	36.126M	39.84M	36.318M	39.78M	36.222M
5510MHz	Pass	Inf	40.08M	36.126M	39.72M	36.174M	40.02M	36.27M	39.78M	36.222M
5550MHz	Pass	Inf	40.26M	36.222M	39.78M	36.27M	39.96M	36.222M	39.78M	36.222M
5670MHz	Pass	Inf	40.32M	36.27M	39.9M	36.27M	39.9M	36.27M	39.84M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.168M	32.924M	34.83M	32.957M	34.864M	32.924M	34.796M	32.957M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	3.493M	3.165M	3.583M	3.165M	3.493M	3.15M	3.493M
5755MHz	Pass	500k	35.76M	36.222M	36.3M	36.27M	35.22M	36.222M	36.36M	36.27M
5795MHz	Pass	500k	36.3M	36.27M	36.36M	36.27M	36.06M	36.27M	36.36M	36.318M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.96M	75.802M	81.48M	75.706M	81.24M	75.706M	81.72M	75.61M
5290MHz	Pass	Inf	81.96M	75.706M	81.24M	75.802M	81.36M	75.61M	81.84M	75.706M
5530MHz	Pass	Inf	81.84M	75.61M	81.36M	75.706M	81.6M	75.61M	81.96M	75.802M
5610MHz	Pass	Inf	81.84M	75.61M	81.36M	75.802M	81.48M	75.706M	81.72M	75.706M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.815M	72.46M	75.668M	72.46M	75.815M	72.607M	75.815M	72.46M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	2.88M	3.568M	3.165M	3.628M	3.135M	3.523M	3.135M	3.478M
5775MHz	Pass	500k	75.12M	75.802M	75.72M	75.898M	75.12M	75.61M	75.12M	75.706M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.92M	18.999M	22.41M	18.975M	23.43M	19.022M	21.66M	18.975M
5200MHz	Pass	Inf	26.58M	18.999M	26.55M	19.022M	30.81M	19.022M	23.31M	18.999M
5240MHz	Pass	Inf	26.16M	18.999M	23.94M	19.022M	27.48M	19.022M	23.4M	18.999M
5260MHz	Pass	Inf	21.72M	18.975M	21.51M	18.999M	21.75M	18.975M	21.6M	18.975M

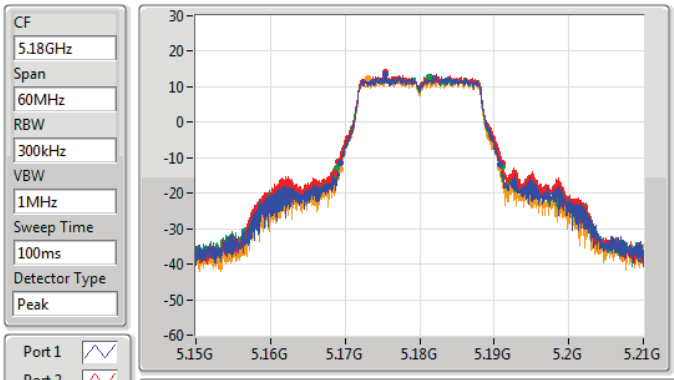
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5300MHz	Pass	Inf	21.78M	18.999M	21.66M	19.022M	21.69M	18.951M	21.72M	18.975M
5320MHz	Pass	Inf	21.75M	18.999M	21.39M	18.975M	21.78M	18.999M	21.45M	18.975M
5500MHz	Pass	Inf	21.75M	18.975M	21.54M	18.999M	21.78M	18.975M	21.63M	18.975M
5580MHz	Pass	Inf	21.69M	19.022M	21.57M	18.951M	21.51M	18.975M	21.75M	18.951M
5700MHz	Pass	Inf	21.6M	18.975M	21.69M	18.975M	21.78M	18.975M	21.69M	18.999M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.689M	14.472M	15.675M	14.499M	15.758M	14.526M	15.689M	14.458M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.528M	4.47M	4.528M	4.44M	4.528M	4.47M	4.543M
5745MHz	Pass	500k	18.84M	18.951M	18.93M	18.951M	18.72M	18.999M	18.93M	18.975M
5785MHz	Pass	500k	18.6M	18.975M	18.87M	18.999M	18.96M	18.999M	18.75M	19.022M
5825MHz	Pass	500k	18.9M	18.999M	18.96M	19.022M	18.69M	18.999M	18.9M	18.999M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.517M	39.96M	37.517M	40.02M	37.517M	40.14M	37.565M
5230MHz	Pass	Inf	44.58M	37.661M	44.16M	37.661M	44.34M	37.661M	41.94M	37.565M
5270MHz	Pass	Inf	40.08M	37.517M	39.84M	37.565M	40.08M	37.613M	40.14M	37.565M
5310MHz	Pass	Inf	40.08M	37.517M	39.84M	37.565M	40.14M	37.565M	40.2M	37.469M
5510MHz	Pass	Inf	40.02M	37.565M	39.9M	37.469M	39.9M	37.565M	40.08M	37.613M
5550MHz	Pass	Inf	40.26M	37.613M	39.84M	37.613M	40.02M	37.469M	40.14M	37.613M
5670MHz	Pass	Inf	40.08M	37.565M	39.9M	37.517M	40.14M	37.613M	40.14M	37.613M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.965M	33.632M	34.898M	33.598M	35.066M	33.666M	34.965M	33.666M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.705M	4.063M	3.78M	4.048M	3.705M	4.048M	3.735M	4.063M
5755MHz	Pass	500k	37.02M	37.661M	36.3M	37.565M	36.42M	37.565M	36.54M	37.517M
5795MHz	Pass	500k	36.84M	37.613M	37.02M	37.565M	37.2M	37.613M	36.96M	37.517M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.32M	76.954M	82.2M	76.954M	81.6M	76.954M	81.48M	77.049M
5290MHz	Pass	Inf	82.08M	76.954M	82.08M	77.145M	81.84M	77.049M	81.6M	76.954M
5530MHz	Pass	Inf	81.84M	76.954M	82.08M	77.049M	81.84M	77.049M	81.48M	77.145M
5610MHz	Pass	Inf	81.96M	76.858M	81.84M	77.049M	81.84M	77.049M	81.6M	77.049M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.889M	73.123M	75.815M	73.197M	76.036M	73.271M	75.889M	73.123M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.81M	4.063M	3.51M	4.078M	3.72M	4.063M	3.21M	4.063M
5775MHz	Pass	500k	75.6M	77.049M	75.36M	77.145M	75.84M	77.049M	75.48M	77.049M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	77.481M	81.96M	77.481M	82.32M	77.721M	82.2M	77.601M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.56M	77.481M	82.56M	77.361M	82.44M	77.481M	82.56M	77.481M
5570MHz	Pass	Inf	164.88M	154.867M	164.4M	155.442M	165.12M	154.867M	164.88M	155.25M

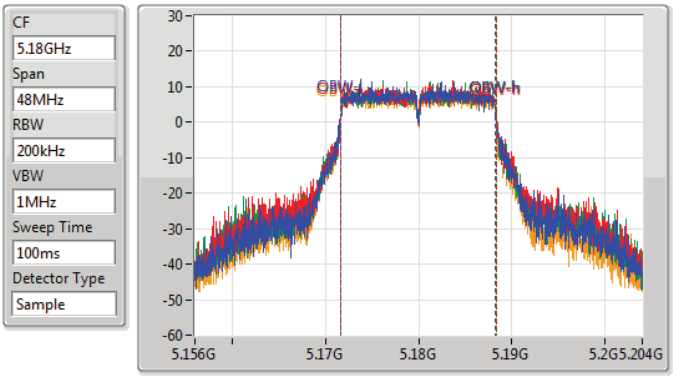
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

25/07/2020



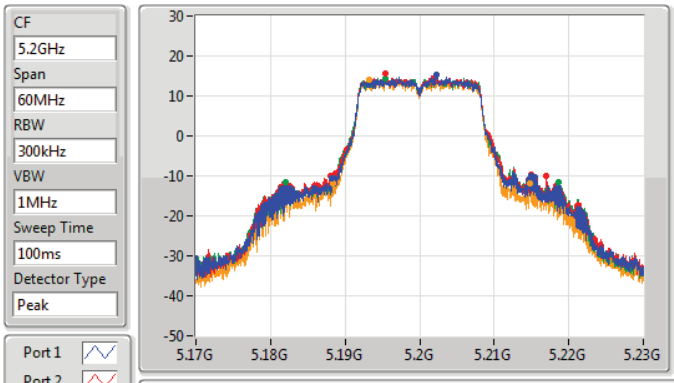


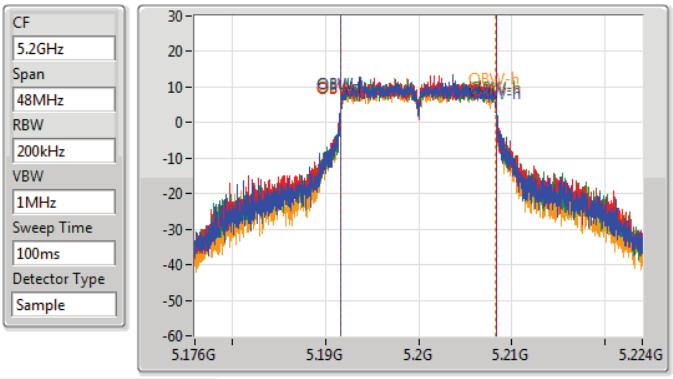
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.16932G	5.19077G	16.576M	5.171676G	5.188252G	Inf	1
22.02M	5.16902G	5.19104G	16.648M	5.171652G	5.1883G	Inf	2
22.26M	5.1689G	5.19116G	16.648M	5.1717G	5.188348G	Inf	3
21.51M	5.16932G	5.19083G	16.576M	5.171676G	5.188252G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

25/07/2020



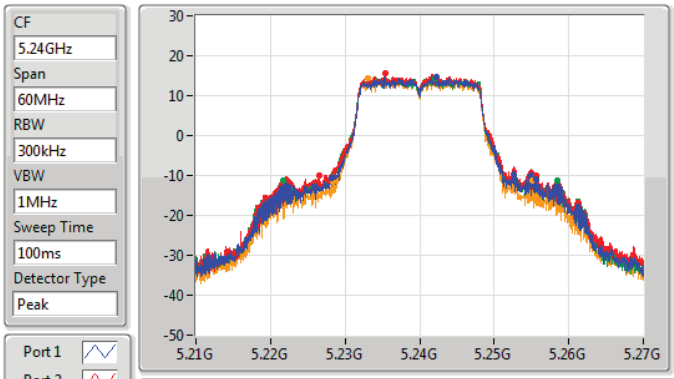


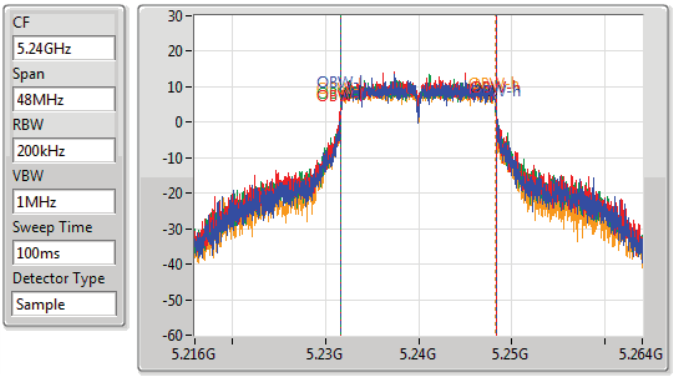
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.27M	5.18827G	5.21554G	16.672M	5.191652G	5.208324G	Inf	1
28.98M	5.18806G	5.21704G	16.72M	5.191604G	5.208324G	Inf	2
36.63M	5.18197G	5.2186G	16.792M	5.19158G	5.208372G	Inf	3
26.52M	5.18833G	5.21485G	16.624M	5.191652G	5.208276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

25/07/2020



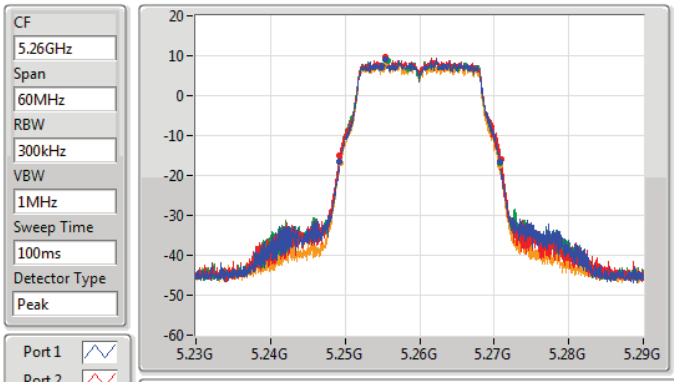


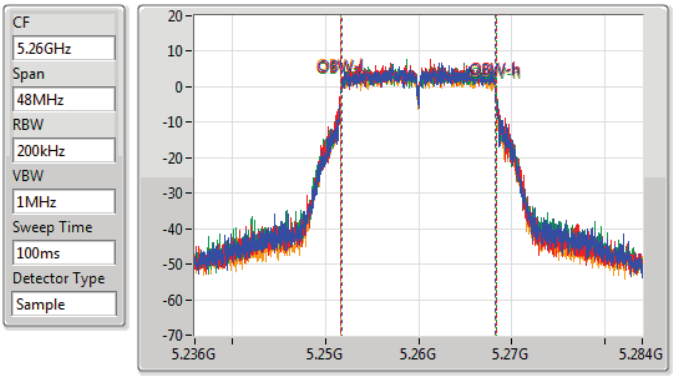
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.42M	5.22821G	5.25563G	16.672M	5.231676G	5.248348G	Inf	1
29.01M	5.22659G	5.2556G	16.768M	5.23158G	5.248348G	Inf	2
36.81M	5.22164G	5.25845G	16.816M	5.23158G	5.248396G	Inf	3
26.79M	5.22839G	5.25518G	16.648M	5.231628G	5.248276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

25/07/2020



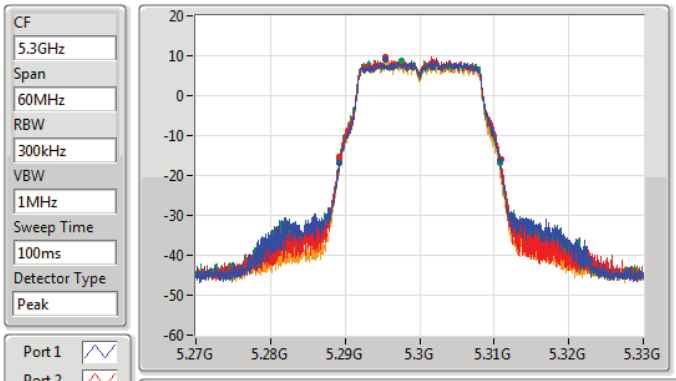


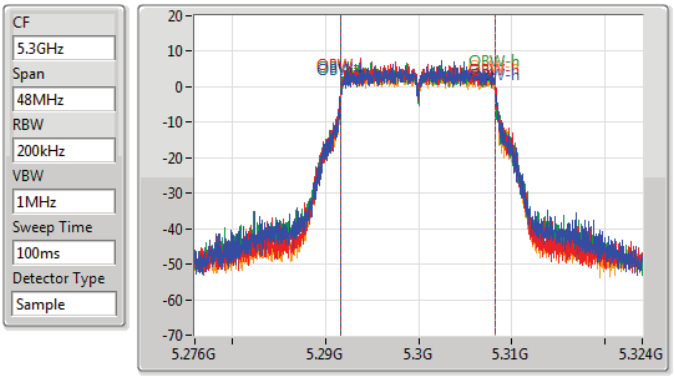
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.24929G	5.27077G	16.528M	5.251724G	5.268252G	Inf	1
21.66M	5.24929G	5.27095G	16.6M	5.2517G	5.2683G	Inf	2
21.6M	5.2492G	5.2708G	16.624M	5.251676G	5.2683G	Inf	3
21.51M	5.24932G	5.27083G	16.528M	5.2517G	5.268228G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

25/07/2020



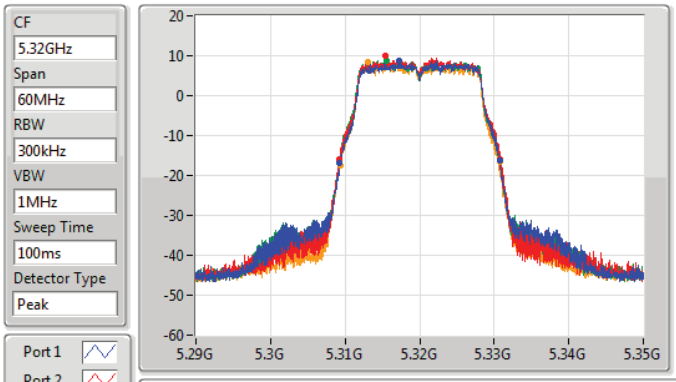


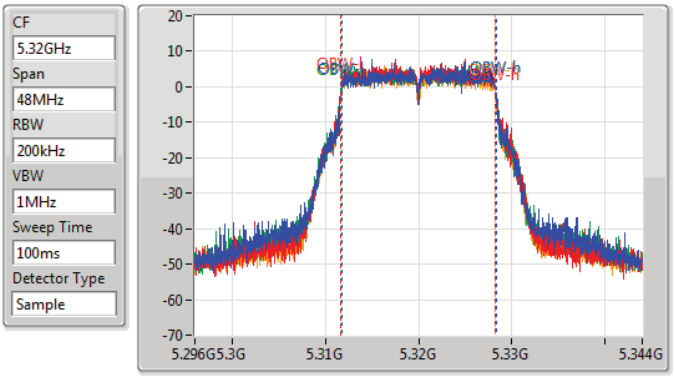
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.28926G	5.31077G	16.6M	5.291676G	5.308276G	Inf	1
21.63M	5.28926G	5.31089G	16.6M	5.291676G	5.308276G	Inf	2
21.63M	5.2892G	5.31083G	16.576M	5.2917G	5.308276G	Inf	3
21.51M	5.28929G	5.3108G	16.552M	5.291676G	5.308228G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

25/07/2020



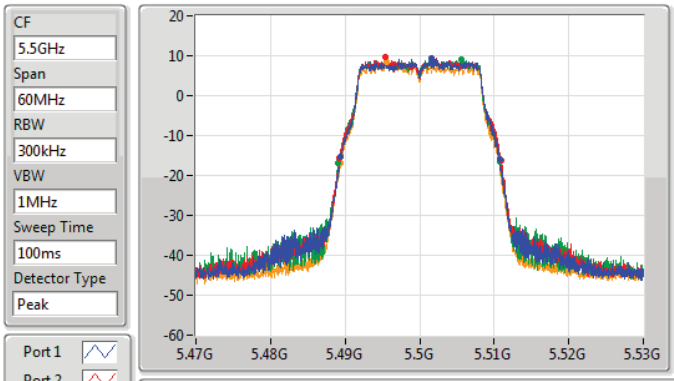


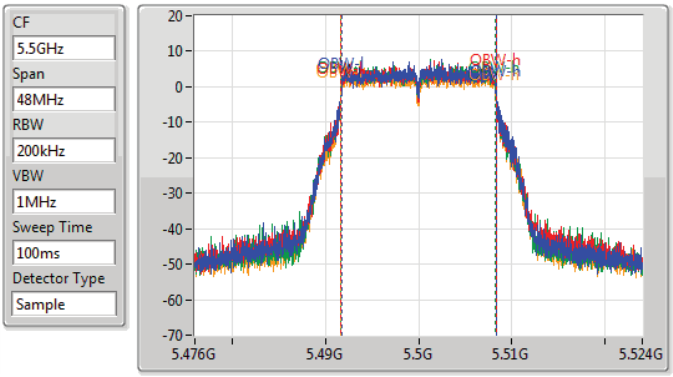
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.30926G	5.33071G	16.576M	5.311724G	5.3283G	Inf	1
21.63M	5.30923G	5.33086G	16.576M	5.311676G	5.328252G	Inf	2
21.6M	5.3092G	5.3308G	16.648M	5.311652G	5.3283G	Inf	3
21.42M	5.30932G	5.33074G	16.576M	5.311676G	5.328252G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

25/07/2020



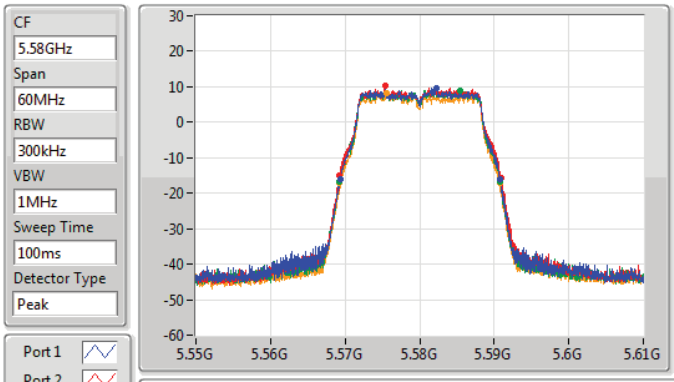


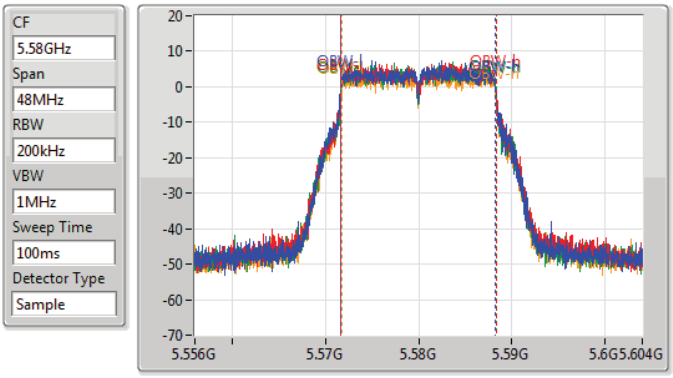
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.48938G	5.51077G	16.6M	5.491724G	5.508324G	Inf	1
21.69M	5.48926G	5.51095G	16.6M	5.4917G	5.5083G	Inf	2
21.72M	5.48911G	5.51083G	16.6M	5.491676G	5.508276G	Inf	3
21.45M	5.48932G	5.51077G	16.576M	5.4917G	5.508276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

25/07/2020



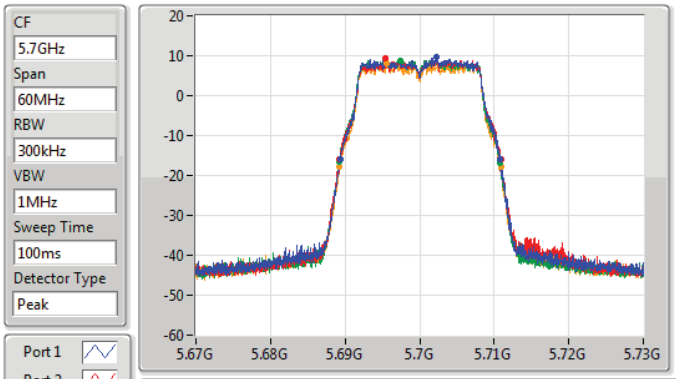


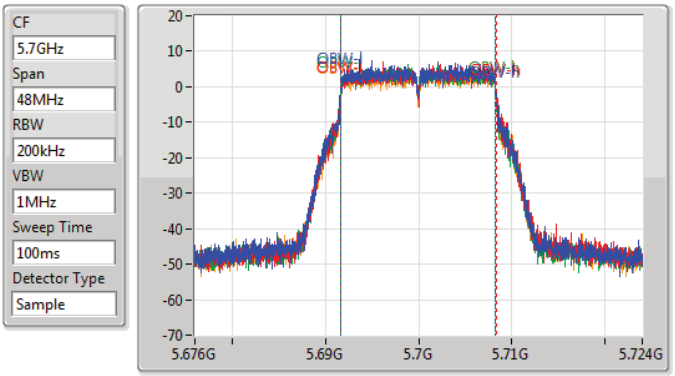
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.56932G	5.59083G	16.624M	5.571652G	5.588276G	Inf	1
21.69M	5.56926G	5.59095G	16.6M	5.5717G	5.5883G	Inf	2
21.54M	5.56926G	5.5908G	16.6M	5.5717G	5.5883G	Inf	3
21.51M	5.56929G	5.5908G	16.528M	5.571724G	5.588252G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

25/07/2020



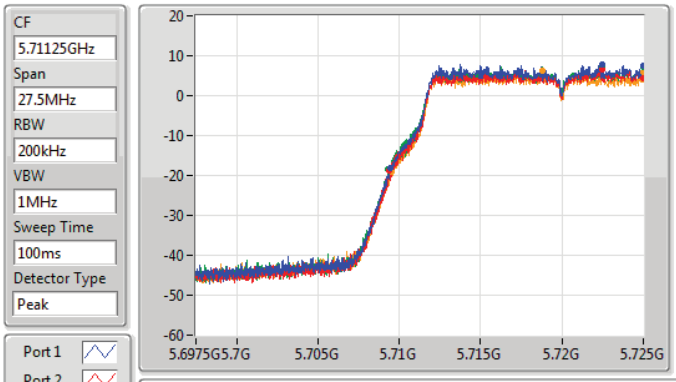


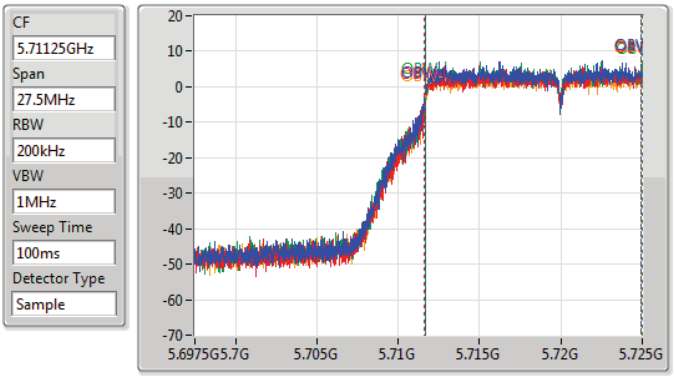
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.68935G	5.71083G	16.6M	5.691676G	5.708276G	Inf	1
21.69M	5.68923G	5.71092G	16.6M	5.6917G	5.7083G	Inf	2
21.69M	5.68914G	5.71083G	16.6M	5.691676G	5.708276G	Inf	3
21.63M	5.68926G	5.71089G	16.576M	5.6917G	5.708276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/08/2020



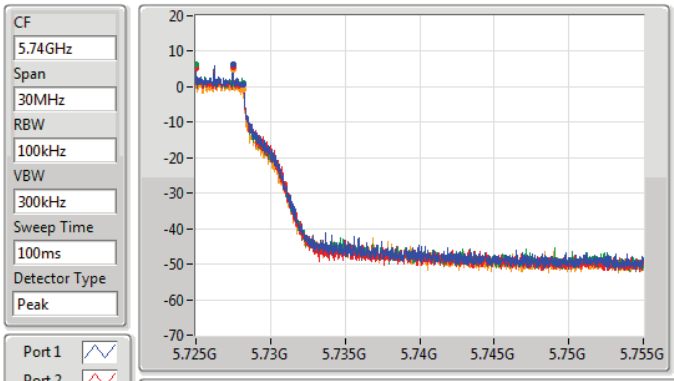


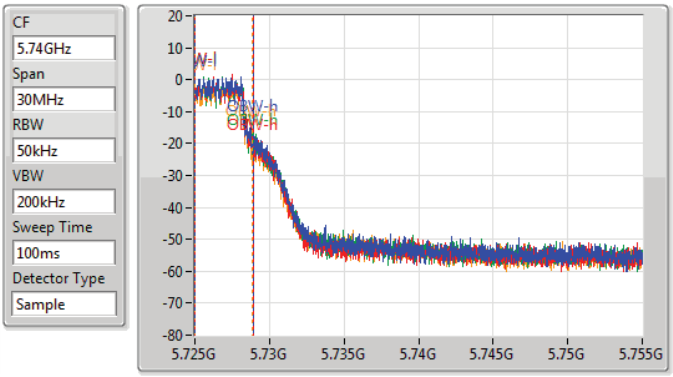
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.538M	5.709463G	5.725G	13.303M	5.711635G	5.724938G	Inf	1
15.606M	5.709394G	5.725G	13.317M	5.711621G	5.724938G	Inf	2
15.675M	5.709325G	5.725G	13.303M	5.711662G	5.724966G	Inf	3
15.51M	5.70949G	5.725G	13.29M	5.711649G	5.724938G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/08/2020



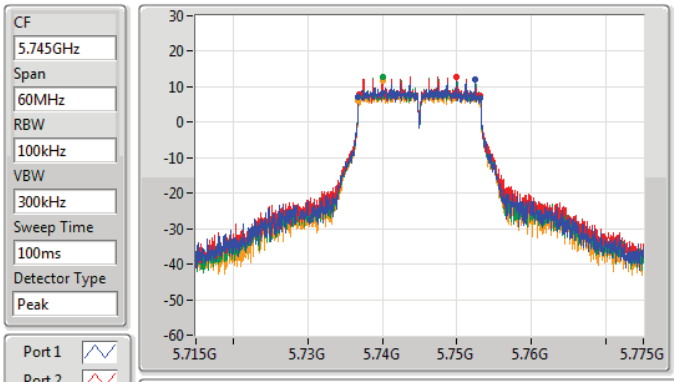


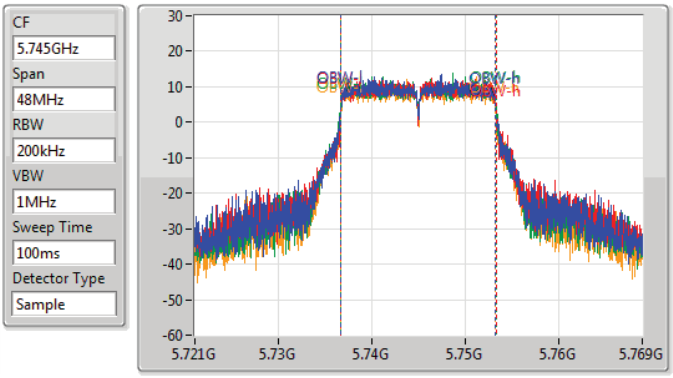
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	3.928M	5.725007G	5.728936G	500k	1
3.135M	5.725G	5.728135G	3.883M	5.725007G	5.728891G	500k	2
3.135M	5.725G	5.728135G	3.898M	5.725007G	5.728906G	500k	3
3.15M	5.725G	5.72815G	3.808M	5.725022G	5.728831G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

04/08/2020



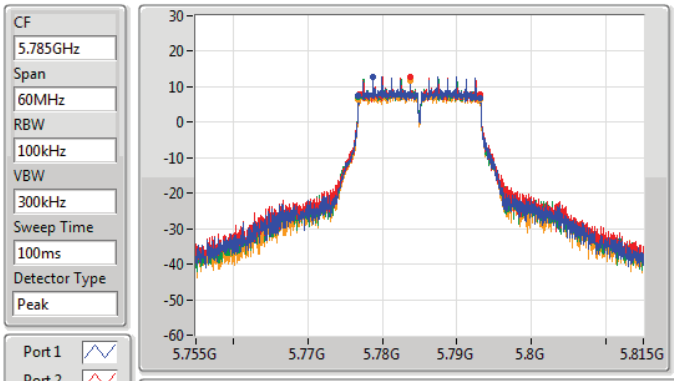


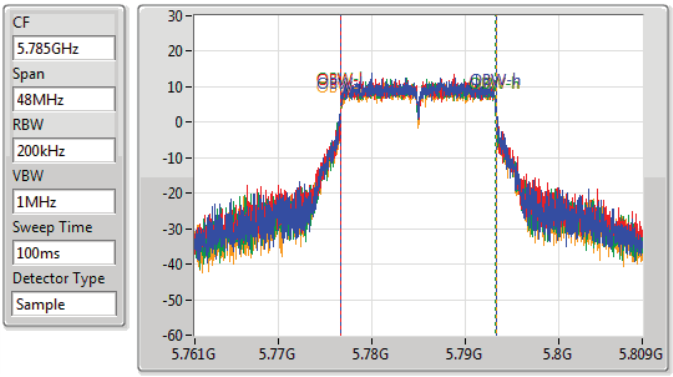
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73681G	5.75316G	16.6M	5.736676G	5.753276G	500k	1
16.29M	5.73684G	5.75313G	16.648M	5.736676G	5.753324G	500k	2
16.32M	5.73684G	5.75316G	16.648M	5.736652G	5.7533G	500k	3
16.32M	5.73681G	5.75313G	16.576M	5.736676G	5.753252G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

04/08/2020



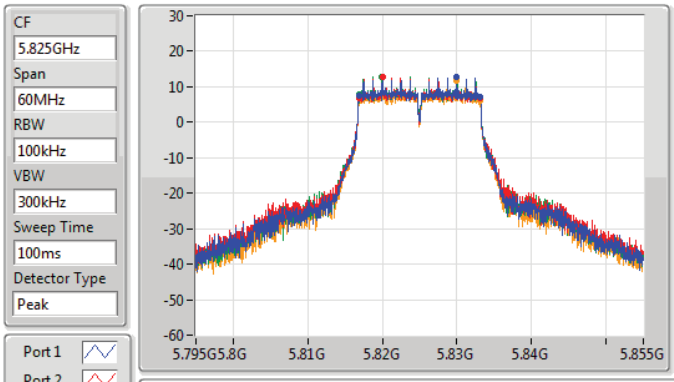


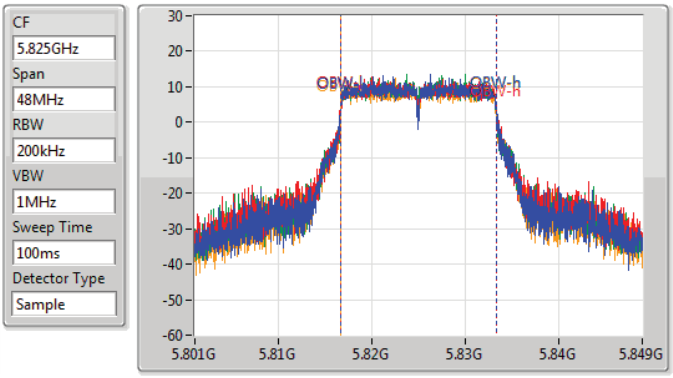
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77681G	5.79316G	16.648M	5.776652G	5.7933G	500k	1
16.29M	5.77684G	5.79313G	16.624M	5.776676G	5.7933G	500k	2
16.32M	5.77681G	5.79313G	16.6M	5.776676G	5.793276G	500k	3
16.35M	5.77681G	5.79316G	16.624M	5.776676G	5.7933G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

04/08/2020



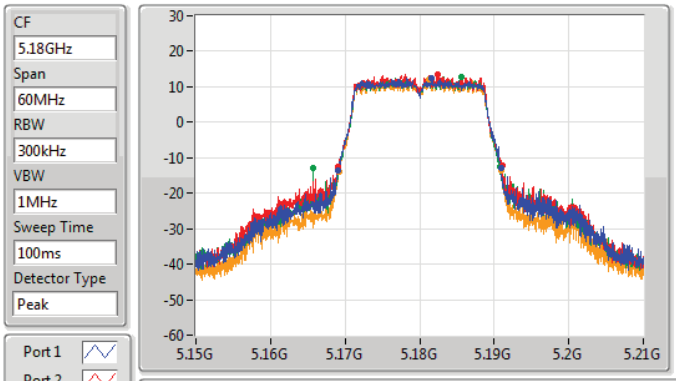


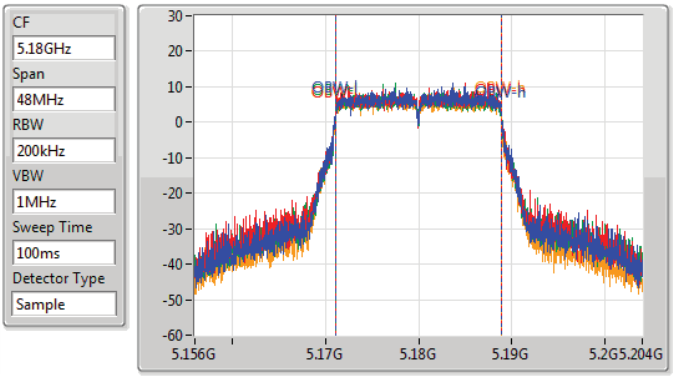
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81684G	5.83313G	16.648M	5.816676G	5.833324G	500k	1
16.32M	5.81684G	5.83316G	16.648M	5.816676G	5.833324G	500k	2
16.32M	5.81684G	5.83316G	16.624M	5.8167G	5.833324G	500k	3
16.32M	5.81684G	5.83316G	16.648M	5.816652G	5.8333G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

27/07/2020



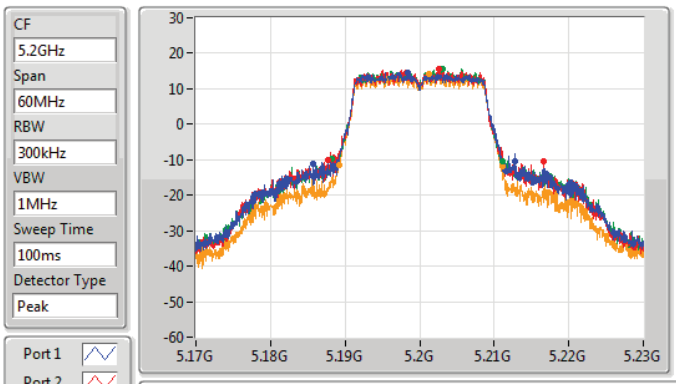


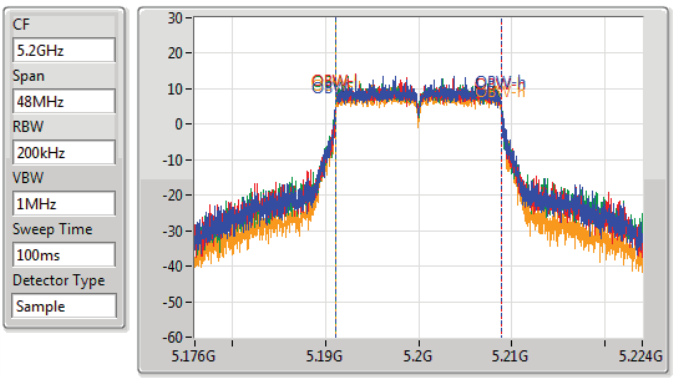
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.16908G	5.19089G	17.799M	5.171076G	5.188876G	Inf	1
22.08M	5.16902G	5.1911G	17.823M	5.171076G	5.1889G	Inf	2
25.11M	5.16572G	5.19083G	17.775M	5.1711G	5.188876G	Inf	3
21.75M	5.16914G	5.19089G	17.775M	5.1711G	5.188876G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

04/08/2020



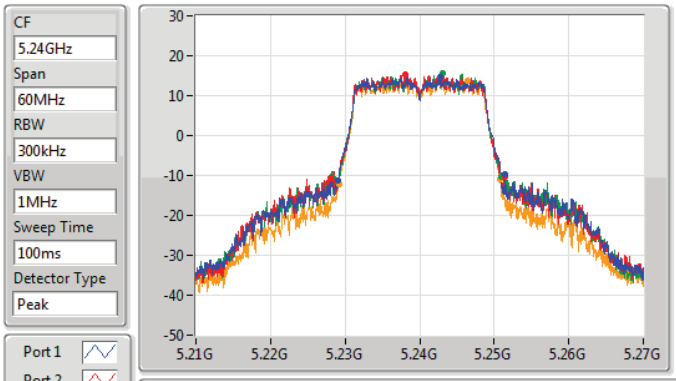


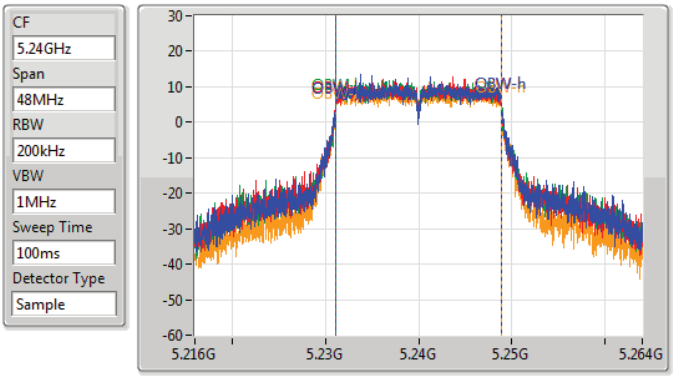
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.18M	5.18566G	5.21284G	17.847M	5.191076G	5.208924G	Inf	1
28.98M	5.18773G	5.21671G	17.799M	5.191076G	5.208876G	Inf	2
22.83M	5.18821G	5.21104G	17.847M	5.191076G	5.208924G	Inf	3
21.87M	5.18917G	5.21104G	17.751M	5.191124G	5.208876G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

04/08/2020



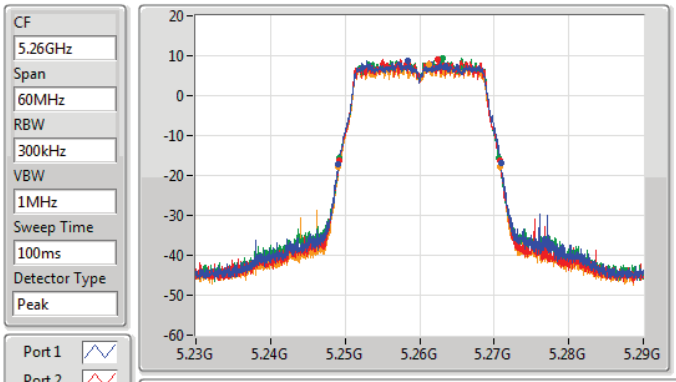


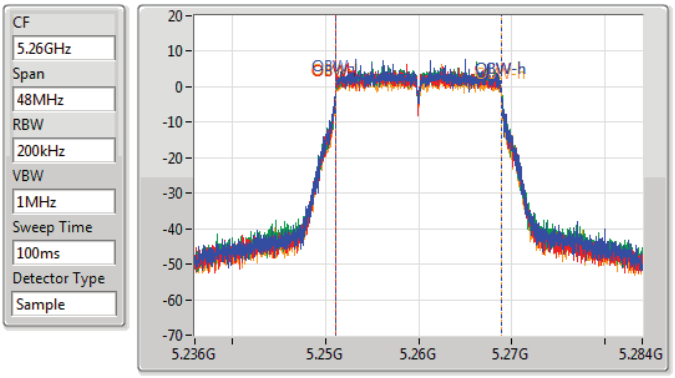
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.5M	5.22902G	5.25152G	17.871M	5.231076G	5.248948G	Inf	1
23.37M	5.228G	5.25137G	17.847M	5.231052G	5.2489G	Inf	2
22.71M	5.22818G	5.25089G	17.847M	5.231076G	5.248924G	Inf	3
21.72M	5.22914G	5.25086G	17.775M	5.231076G	5.248852G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

04/08/2020



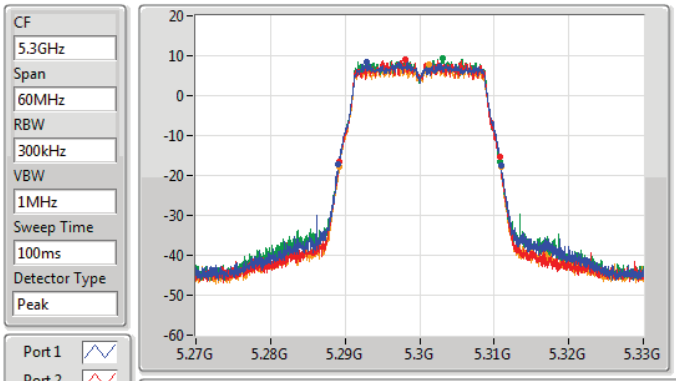


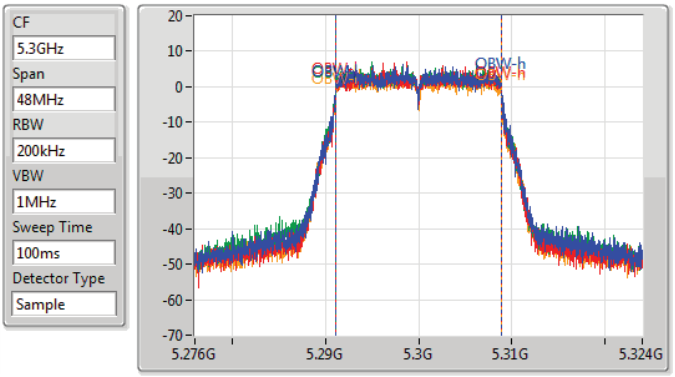
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.24908G	5.27095G	17.799M	5.2511G	5.2689G	Inf	1
21.66M	5.24917G	5.27083G	17.751M	5.2511G	5.268852G	Inf	2
21.39M	5.24929G	5.27068G	17.823M	5.251076G	5.2689G	Inf	3
21.72M	5.24911G	5.27083G	17.727M	5.251124G	5.268852G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

04/08/2020



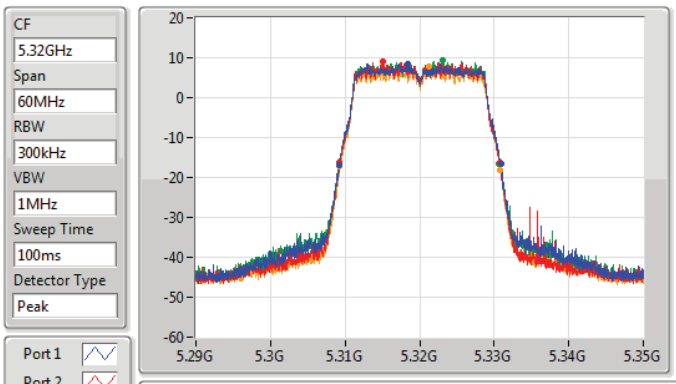


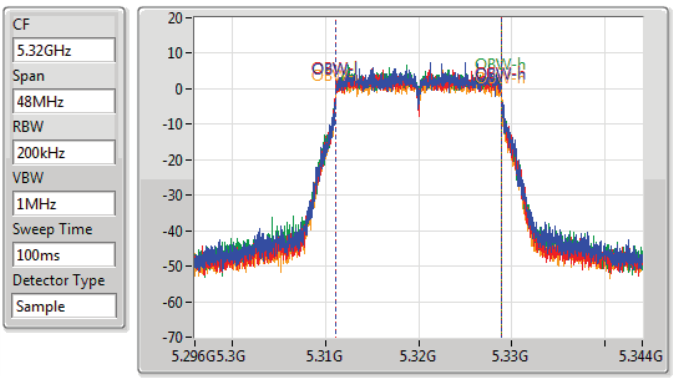
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.28908G	5.31089G	17.775M	5.291124G	5.3089G	Inf	1
21.6M	5.28923G	5.31083G	17.751M	5.2911G	5.308852G	Inf	2
21.51M	5.28923G	5.31074G	17.823M	5.291076G	5.3089G	Inf	3
21.75M	5.28914G	5.31089G	17.775M	5.291076G	5.308852G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

04/08/2020



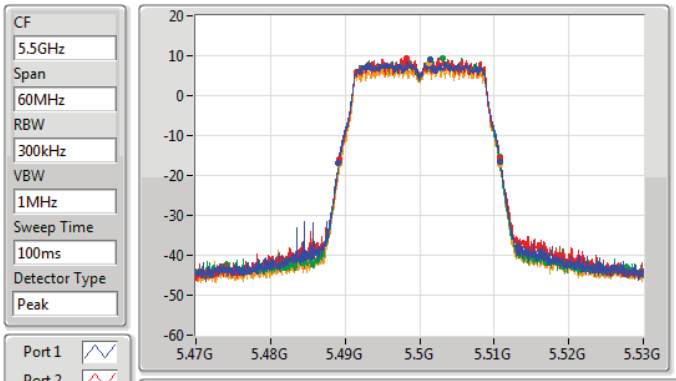


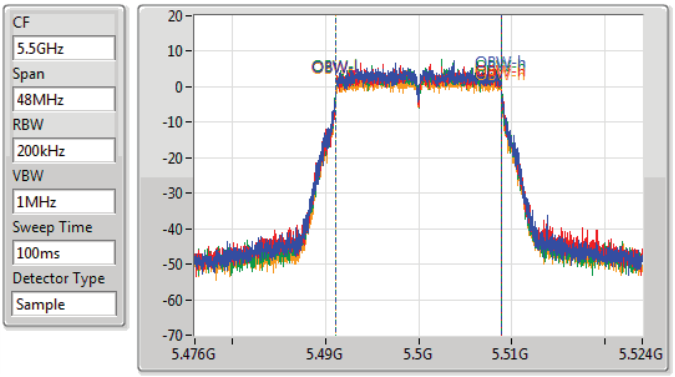
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.30914G	5.33095G	17.727M	5.311172G	5.3289G	Inf	1
21.57M	5.30926G	5.33083G	17.775M	5.3111G	5.328876G	Inf	2
21.45M	5.30923G	5.33068G	17.751M	5.311124G	5.328876G	Inf	3
21.66M	5.30917G	5.33083G	17.775M	5.3111G	5.328876G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

04/08/2020



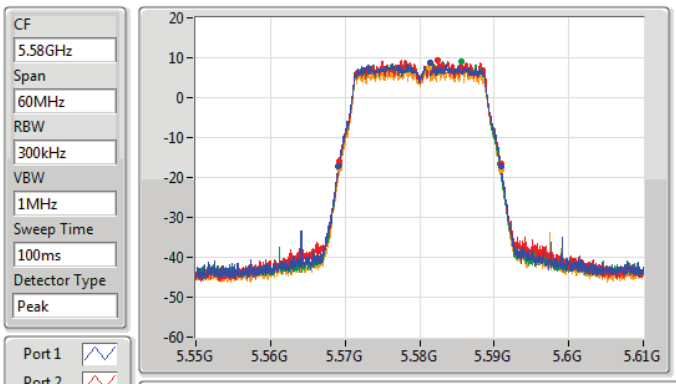


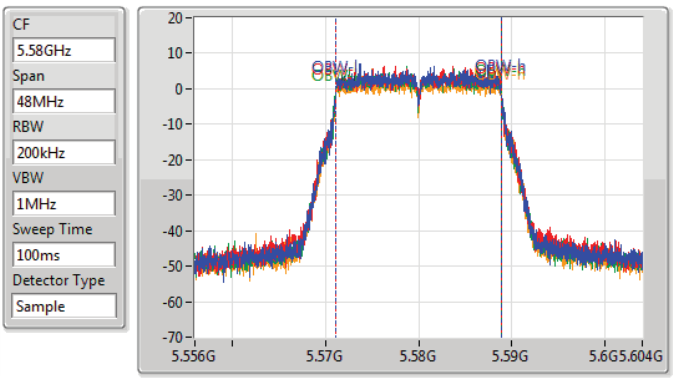
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.48911G	5.51086G	17.799M	5.491124G	5.508924G	Inf	1
21.54M	5.48923G	5.51077G	17.751M	5.491148G	5.5089G	Inf	2
21.48M	5.48923G	5.51071G	17.775M	5.491124G	5.5089G	Inf	3
21.66M	5.48917G	5.51083G	17.799M	5.4911G	5.5089G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

04/08/2020



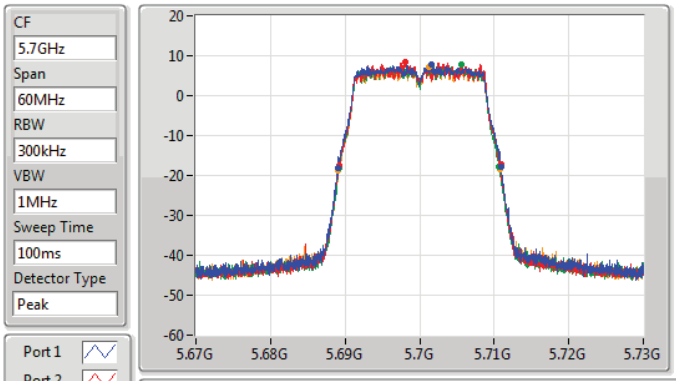


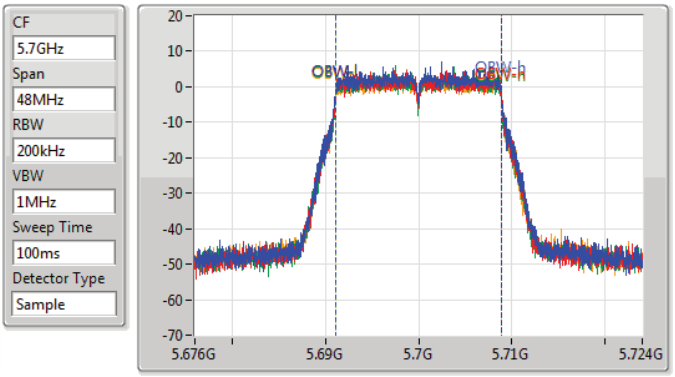
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.56908G	5.59092G	17.799M	5.5711G	5.5889G	Inf	1
21.66M	5.56923G	5.59089G	17.751M	5.571124G	5.588876G	Inf	2
21.48M	5.56923G	5.59071G	17.799M	5.5711G	5.5889G	Inf	3
21.75M	5.56914G	5.59089G	17.775M	5.571124G	5.5889G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

27/07/2020



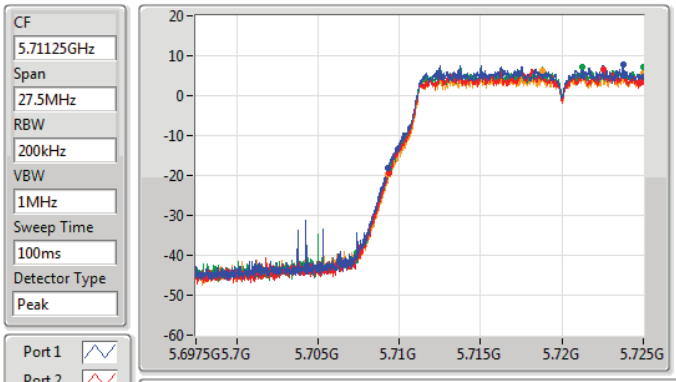


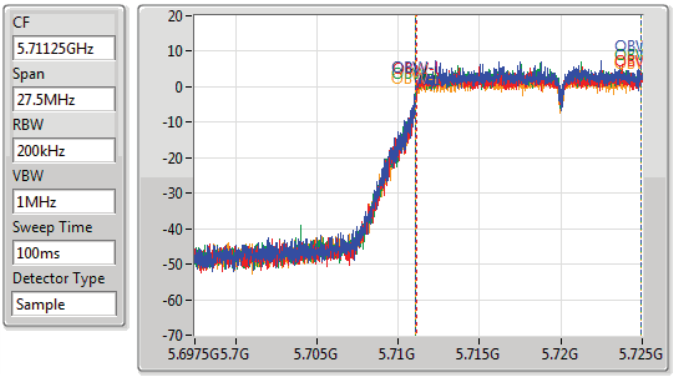
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.68908G	5.71089G	17.775M	5.691076G	5.708852G	Inf	1
21.69M	5.6892G	5.71089G	17.799M	5.6911G	5.7089G	Inf	2
21.42M	5.68923G	5.71065G	17.775M	5.6911G	5.708876G	Inf	3
21.78M	5.68908G	5.71086G	17.799M	5.691076G	5.708876G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/08/2020



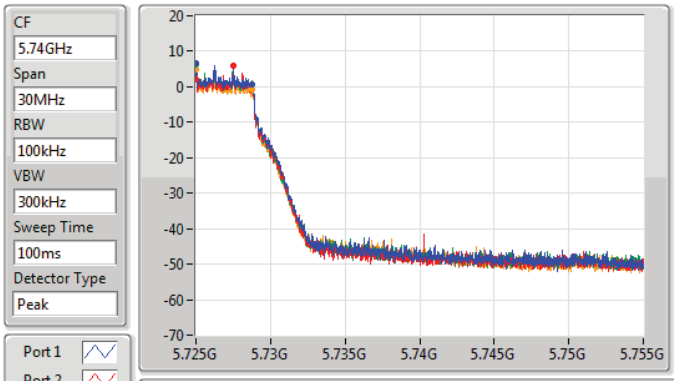


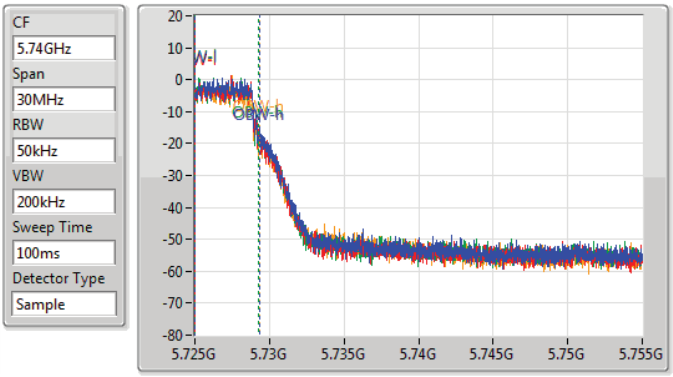
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.703M	5.709298G	5.725G	13.881M	5.711058G	5.724938G	Inf	1
15.661M	5.709339G	5.725G	13.826M	5.711099G	5.724924G	Inf	2
15.661M	5.709339G	5.725G	13.894M	5.711044G	5.724938G	Inf	3
15.73M	5.70927G	5.725G	13.881M	5.711071G	5.724952G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX — EBW

5720MHz Straddle 5.725-5.85GHz

04/08/2020



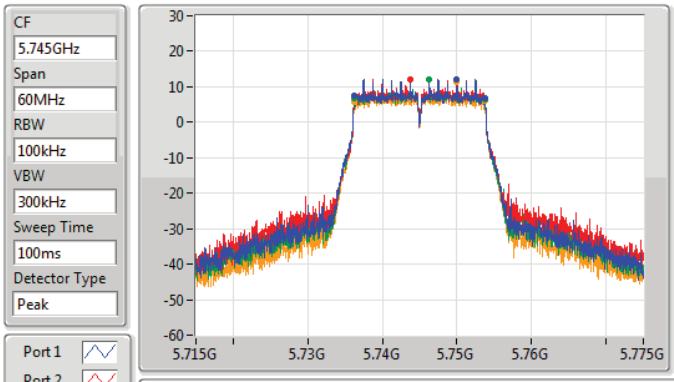


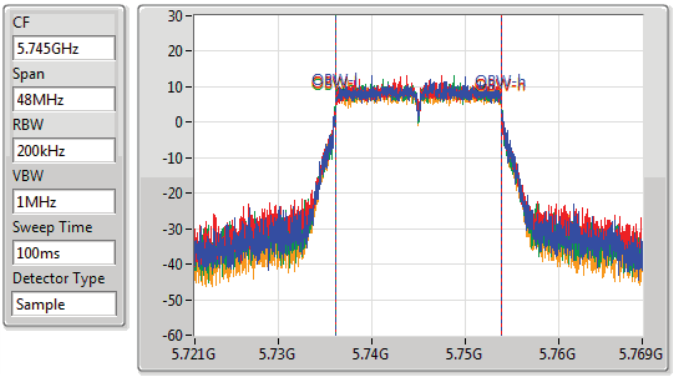
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.303M	5.725007G	5.72931G	500k	1
3.78M	5.725G	5.72878G	4.303M	5.725007G	5.72931G	500k	2
3.78M	5.725G	5.72878G	4.258M	5.725007G	5.729265G	500k	3
3.78M	5.725G	5.72878G	4.318M	5.725007G	5.729325G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX — EBW

5745MHz

04/08/2020



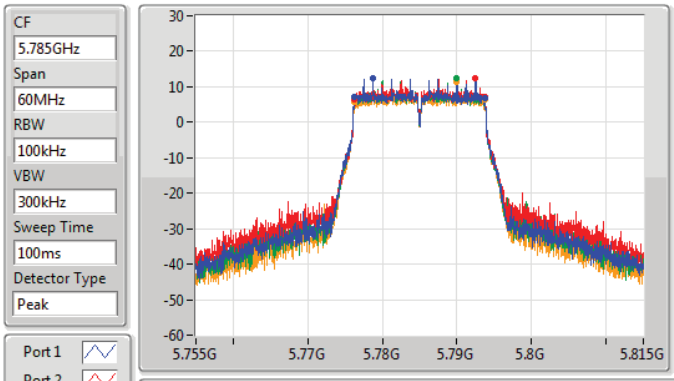


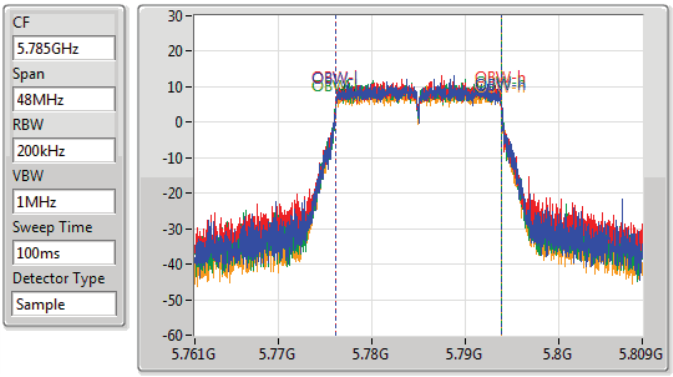
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.52M	5.73624G	5.75376G	17.799M	5.7361G	5.7539G	500k	1
17.58M	5.73621G	5.75379G	17.775M	5.7361G	5.753876G	500k	2
17.55M	5.73624G	5.75379G	17.799M	5.7361G	5.7539G	500k	3
17.55M	5.73621G	5.75376G	17.775M	5.7361G	5.753876G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

04/08/2020



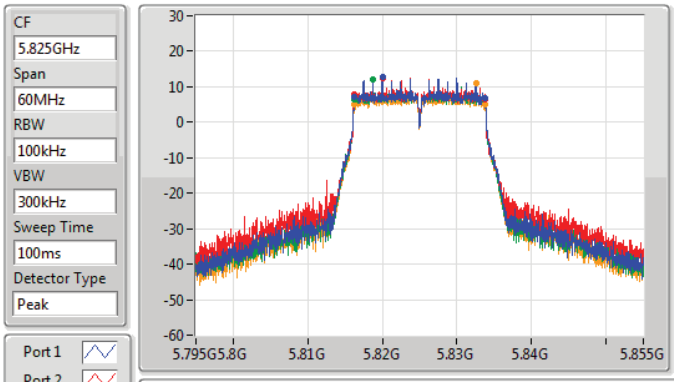


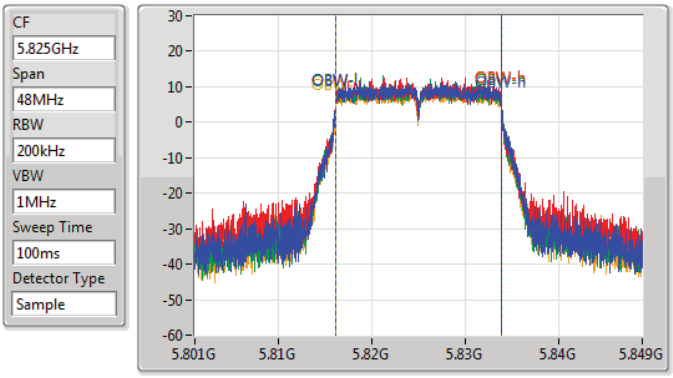
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.52M	5.77624G	5.79376G	17.799M	5.7761G	5.7939G	500k	1
17.58M	5.77621G	5.79379G	17.775M	5.7761G	5.793876G	500k	2
17.55M	5.77624G	5.79379G	17.775M	5.7761G	5.793876G	500k	3
17.58M	5.77621G	5.79379G	17.775M	5.7761G	5.793876G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

04/08/2020



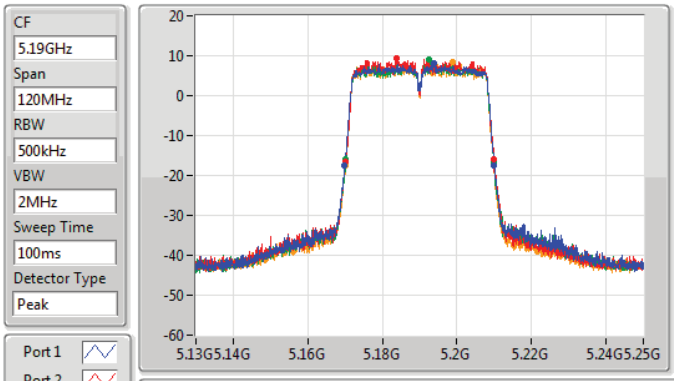


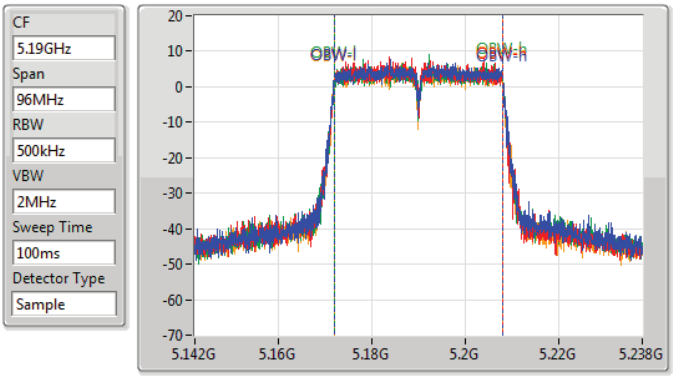
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.52M	5.81624G	5.83376G	17.799M	5.816124G	5.833924G	500k	1
17.55M	5.81624G	5.83379G	17.799M	5.8161G	5.8339G	500k	2
17.58M	5.81621G	5.83379G	17.799M	5.816076G	5.833876G	500k	3
17.58M	5.81621G	5.83379G	17.751M	5.816124G	5.833876G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

27/07/2020



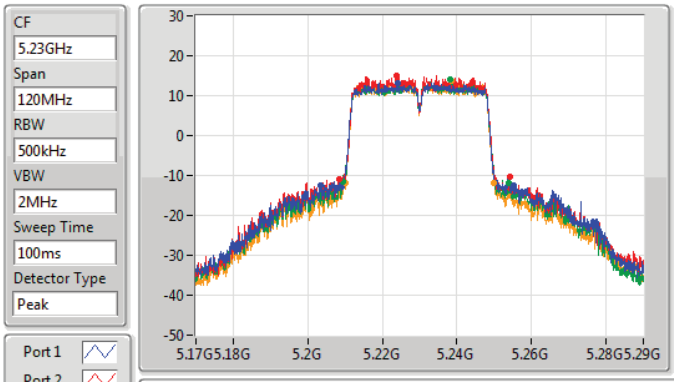


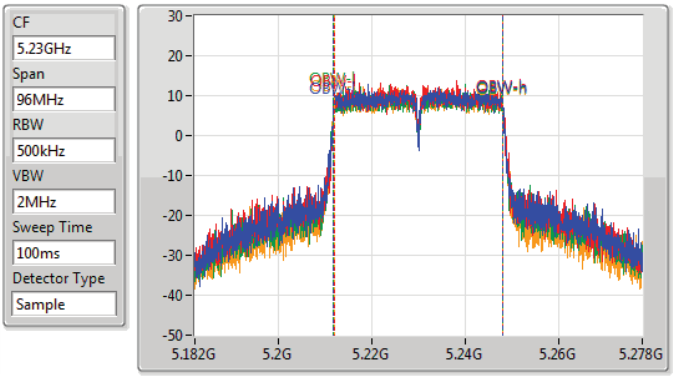
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.1699G	5.21004G	36.222M	5.171865G	5.208087G	Inf	1
39.84M	5.17014G	5.20998G	36.222M	5.171865G	5.208087G	Inf	2
39.96M	5.17008G	5.21004G	36.222M	5.171865G	5.208087G	Inf	3
39.78M	5.1702G	5.20998G	36.222M	5.171865G	5.208087G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

27/07/2020



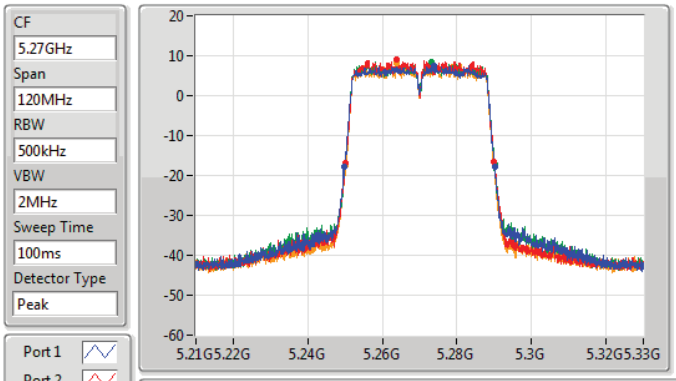


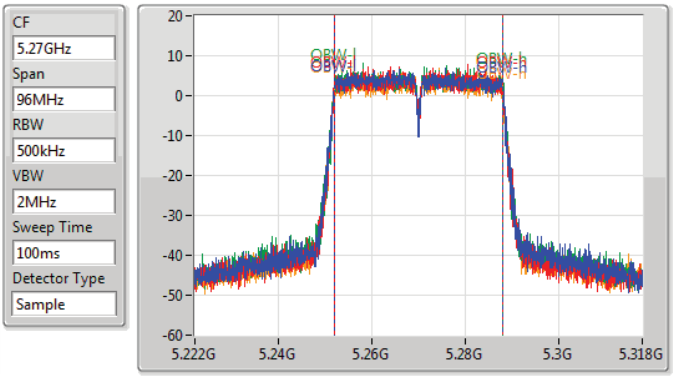
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
51.96M	5.20336G	5.25532G	36.366M	5.211769G	5.248135G	Inf	1
45.72M	5.2084G	5.25412G	36.366M	5.211817G	5.248183G	Inf	2
44.64M	5.20936G	5.254G	36.366M	5.211769G	5.248135G	Inf	3
39.96M	5.21008G	5.25004G	36.27M	5.211817G	5.248087G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

04/08/2020



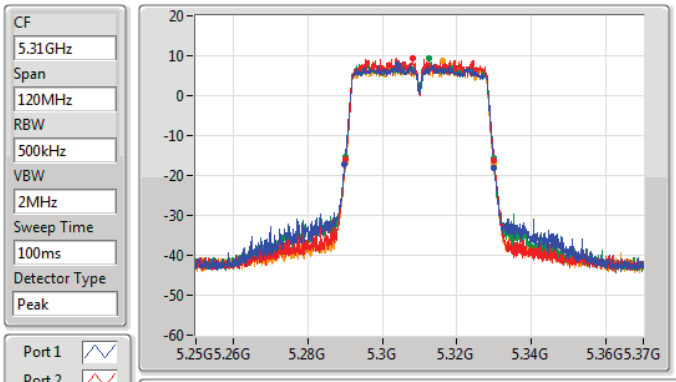


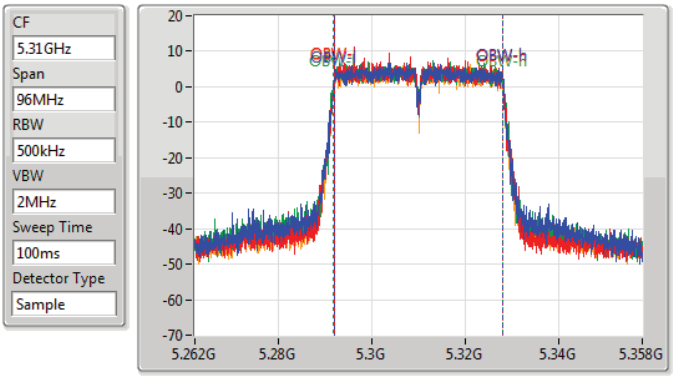
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.24984G	5.2901G	36.318M	5.251817G	5.288135G	Inf	1
39.96M	5.25008G	5.29004G	36.174M	5.251865G	5.288039G	Inf	2
40.14M	5.24996G	5.2901G	36.222M	5.251865G	5.288087G	Inf	3
39.9M	5.2502G	5.2901G	36.222M	5.251865G	5.288087G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

27/07/2020



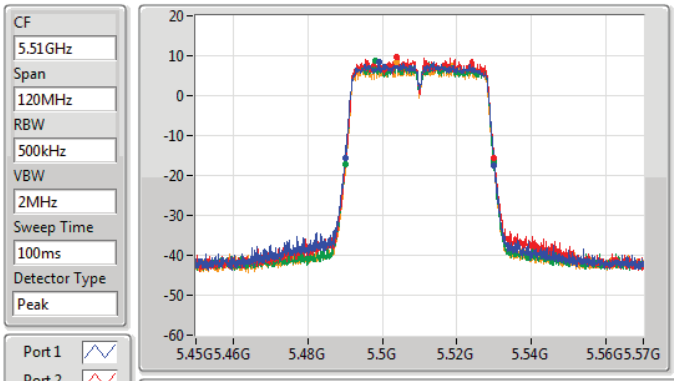


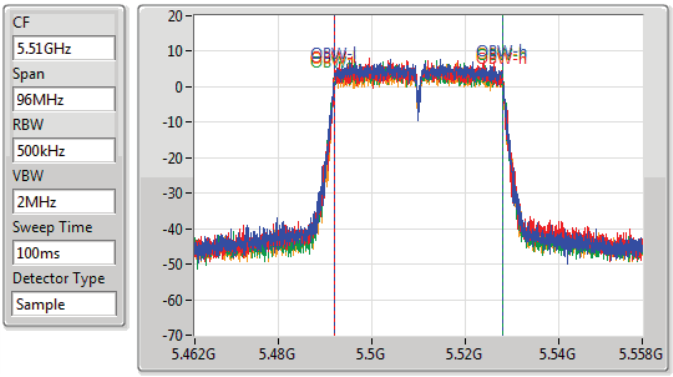
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28984G	5.33004G	36.27M	5.291817G	5.328087G	Inf	1
39.84M	5.29014G	5.32998G	36.126M	5.291913G	5.328039G	Inf	2
39.84M	5.29008G	5.32992G	36.318M	5.291769G	5.328087G	Inf	3
39.78M	5.2902G	5.32998G	36.222M	5.291817G	5.328039G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

04/08/2020



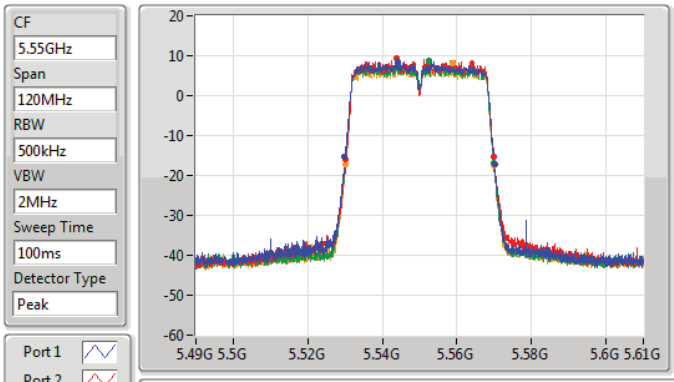


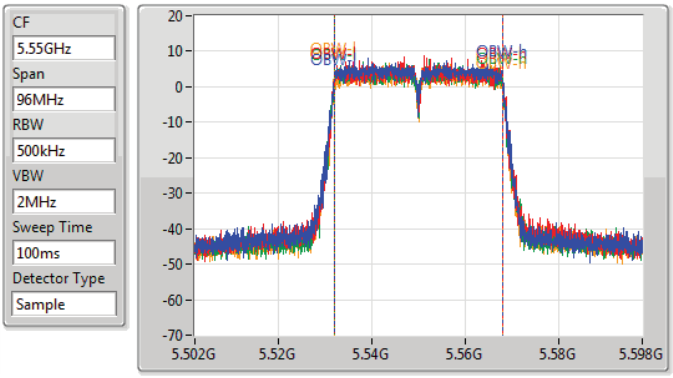
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.48996G	5.53004G	36.126M	5.491913G	5.528039G	Inf	1
39.72M	5.49026G	5.52998G	36.174M	5.491913G	5.528087G	Inf	2
40.02M	5.48996G	5.52998G	36.27M	5.491817G	5.528087G	Inf	3
39.78M	5.4902G	5.52998G	36.222M	5.491865G	5.528087G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

04/08/2020



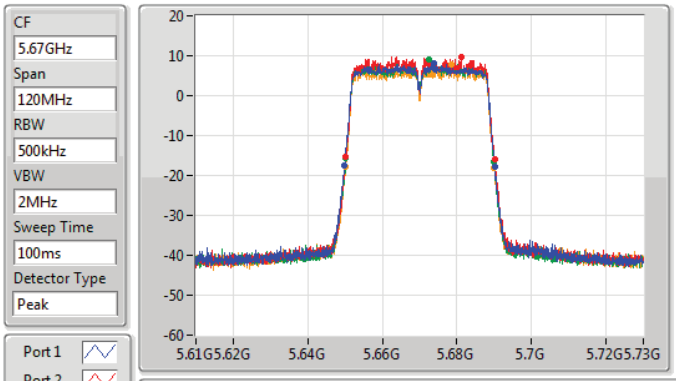


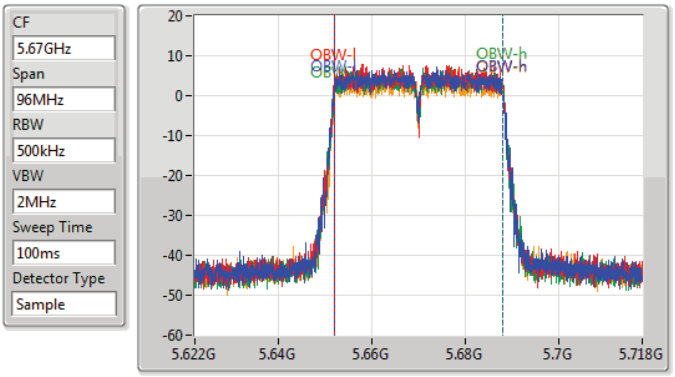
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.52984G	5.5701G	36.222M	5.531865G	5.568087G	Inf	1
39.78M	5.5302G	5.56998G	36.27M	5.531865G	5.568135G	Inf	2
39.96M	5.53008G	5.57004G	36.222M	5.531865G	5.568087G	Inf	3
39.78M	5.5302G	5.56998G	36.222M	5.531865G	5.568087G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

04/08/2020



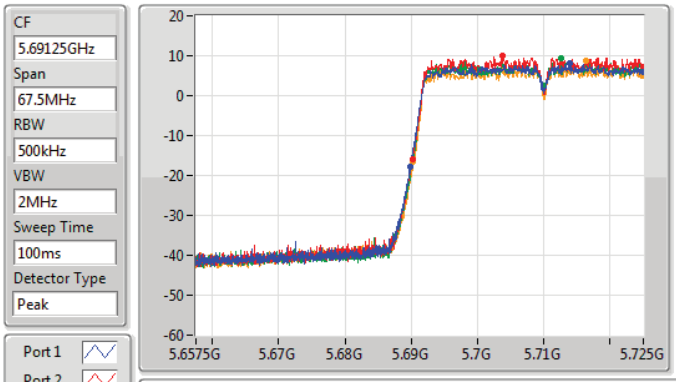


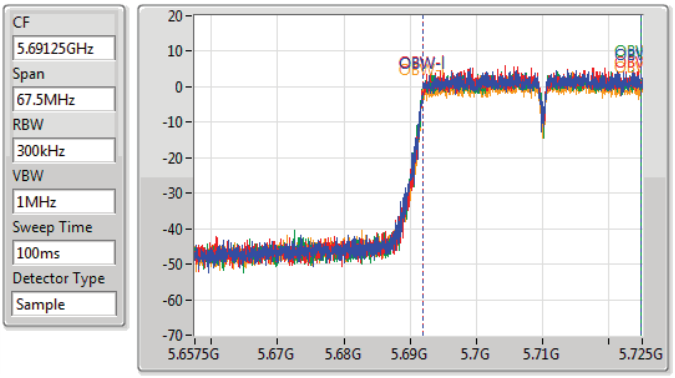
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.64984G	5.69016G	36.27M	5.651817G	5.688087G	Inf	1
39.9M	5.6502G	5.6901G	36.27M	5.651865G	5.688135G	Inf	2
39.9M	5.65014G	5.69004G	36.27M	5.651865G	5.688135G	Inf	3
39.84M	5.6502G	5.69004G	36.222M	5.651913G	5.688135G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/08/2020



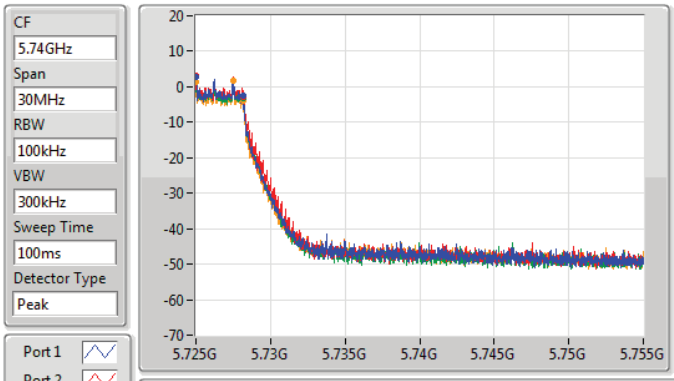


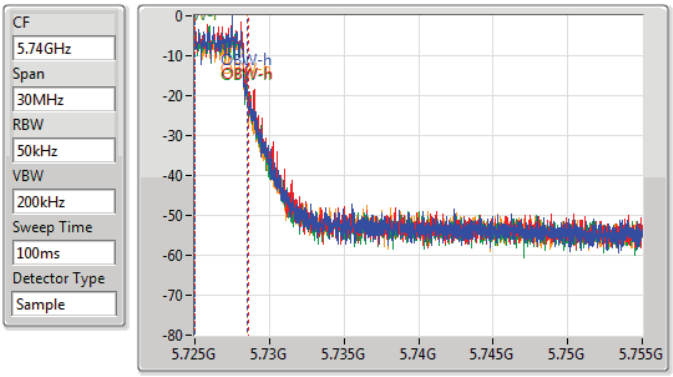
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.168M	5.689833G	5.725G	32.924M	5.691891G	5.724814G	Inf	1
34.83M	5.69017G	5.725G	32.957M	5.691857G	5.724814G	Inf	2
34.864M	5.690136G	5.725G	32.924M	5.691891G	5.724814G	Inf	3
34.796M	5.690204G	5.725G	32.957M	5.691891G	5.724848G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX — EBW

5710MHz Straddle 5.725-5.85GHz

04/08/2020



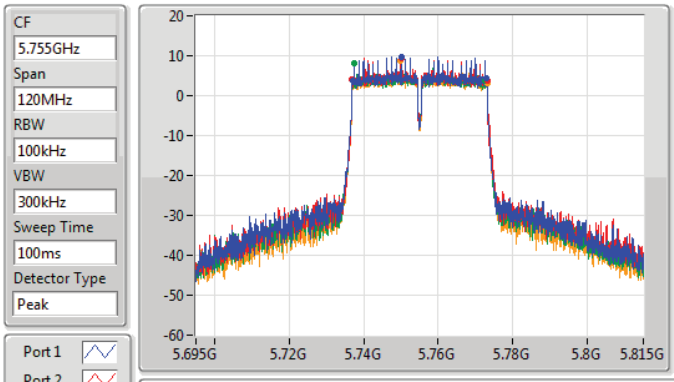


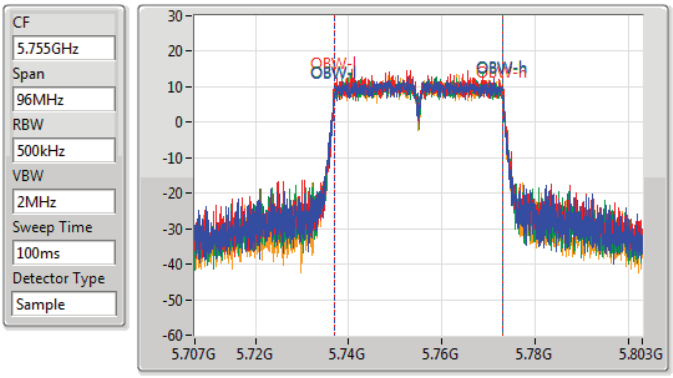
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.135M	5.725G	5.728135G	3.493M	5.725007G	5.728501G	500k	1
3.165M	5.725G	5.728165G	3.583M	5.725007G	5.728591G	500k	2
3.165M	5.725G	5.728165G	3.493M	5.725007G	5.728501G	500k	3
3.15M	5.725G	5.72815G	3.493M	5.725007G	5.728501G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX — EBW

5755MHz

04/08/2020



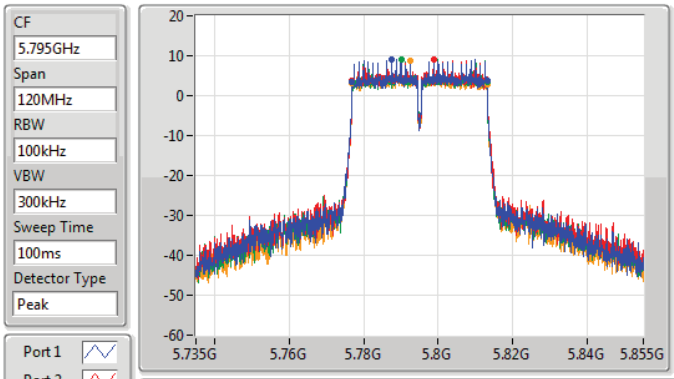


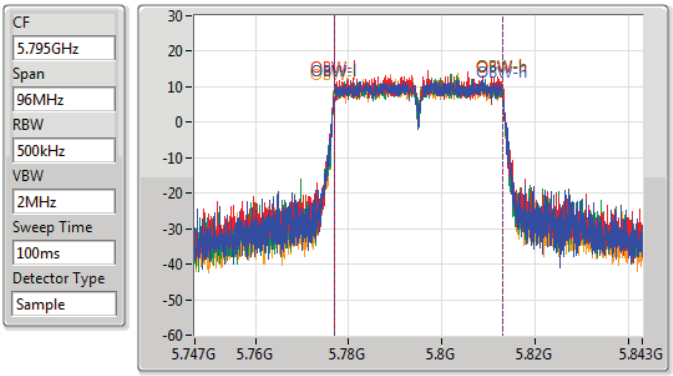
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.76M	5.73712G	5.77288G	36.222M	5.736865G	5.773087G	500k	1
36.3M	5.73688G	5.77318G	36.27M	5.736865G	5.773135G	500k	2
35.22M	5.73748G	5.7727G	36.222M	5.736865G	5.773087G	500k	3
36.36M	5.73682G	5.77318G	36.27M	5.736865G	5.773135G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

04/08/2020



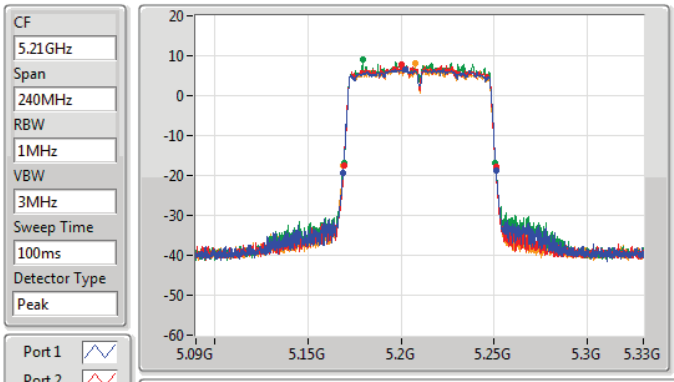


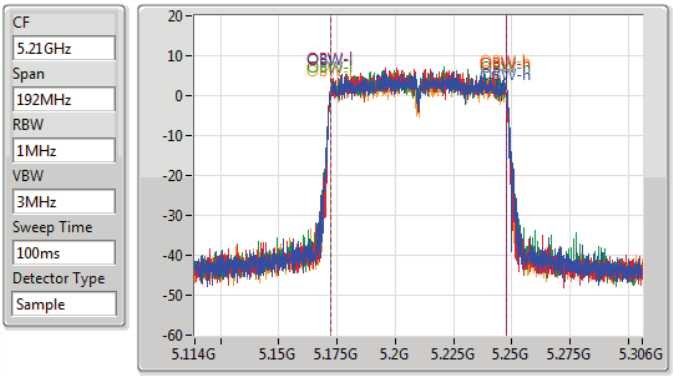
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.77682G	5.81312G	36.27M	5.776865G	5.813135G	500k	1
36.36M	5.77682G	5.81318G	36.27M	5.776865G	5.813135G	500k	2
36.06M	5.77712G	5.81318G	36.27M	5.776865G	5.813135G	500k	3
36.36M	5.77682G	5.81318G	36.318M	5.776817G	5.813135G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

27/07/2020



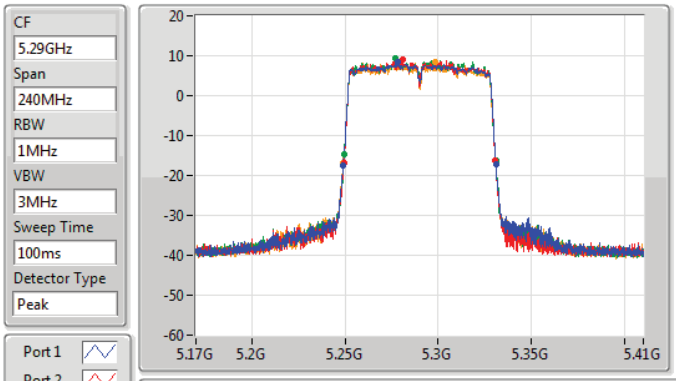


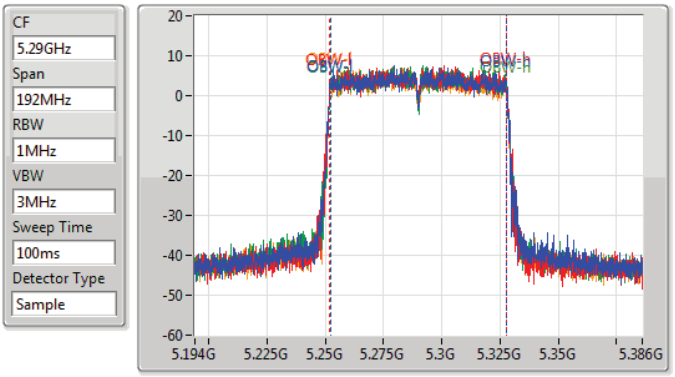
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16896G	5.25092G	75.802M	5.172099G	5.247901G	Inf	1
81.48M	5.16932G	5.2508G	75.706M	5.172099G	5.247805G	Inf	2
81.24M	5.16944G	5.25068G	75.706M	5.172099G	5.247805G	Inf	3
81.72M	5.16908G	5.2508G	75.61M	5.172099G	5.247709G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/08/2020



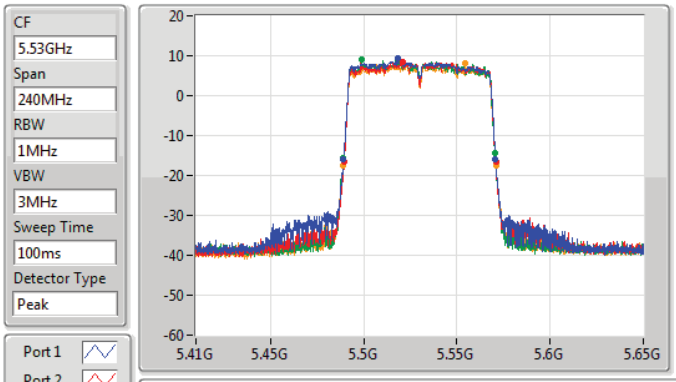


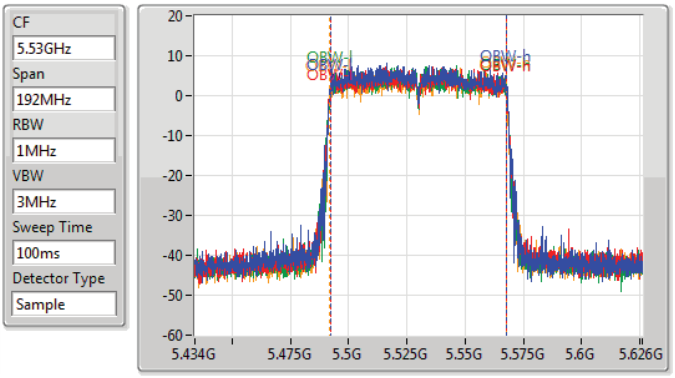
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.24896G	5.33092G	75.706M	5.252099G	5.327805G	Inf	1
81.24M	5.24944G	5.33068G	75.802M	5.252003G	5.327805G	Inf	2
81.36M	5.24944G	5.3308G	75.61M	5.252195G	5.327805G	Inf	3
81.84M	5.24896G	5.3308G	75.706M	5.252099G	5.327805G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

04/08/2020



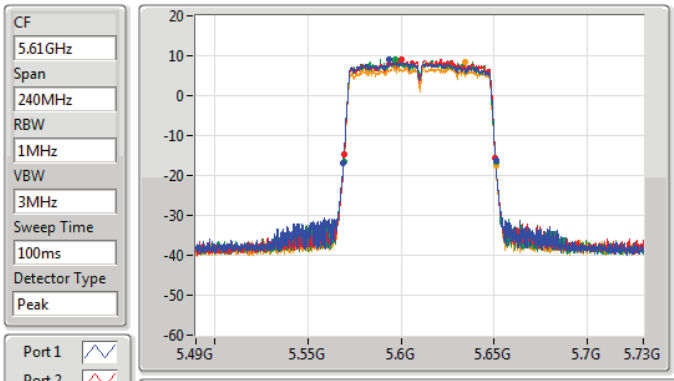


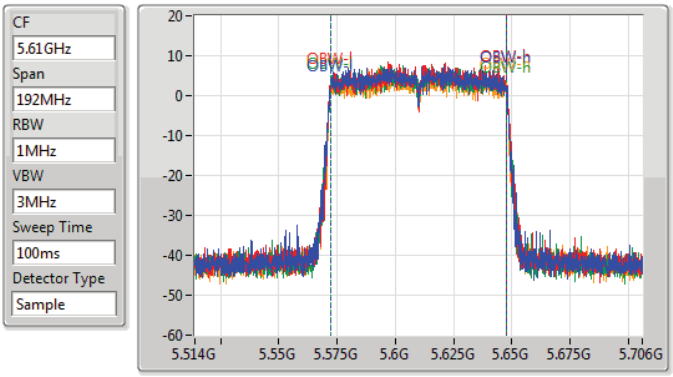
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.48884G	5.57068G	75.61M	5.492195G	5.567805G	Inf	1
81.36M	5.48944G	5.5708G	75.706M	5.492099G	5.567805G	Inf	2
81.6M	5.48908G	5.57068G	75.61M	5.492195G	5.567805G	Inf	3
81.96M	5.48896G	5.57092G	75.802M	5.492003G	5.567805G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

04/08/2020



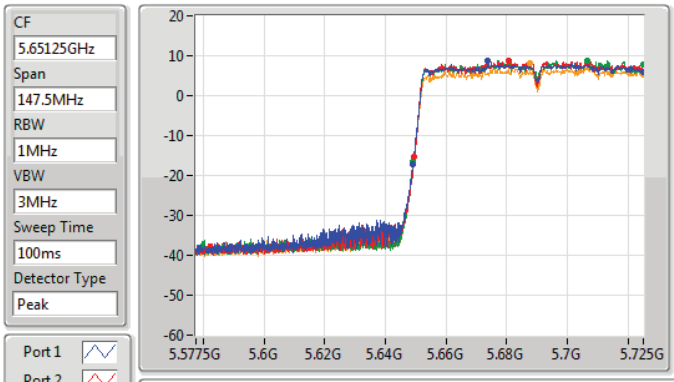


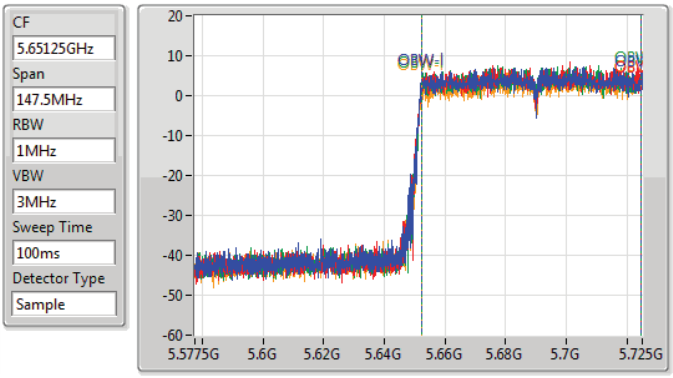
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.56896G	5.6508G	75.61M	5.572099G	5.647709G	Inf	1
81.36M	5.56932G	5.65068G	75.802M	5.572099G	5.647901G	Inf	2
81.48M	5.56932G	5.6508G	75.706M	5.572099G	5.647805G	Inf	3
81.72M	5.56908G	5.6508G	75.706M	5.572099G	5.647805G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/08/2020



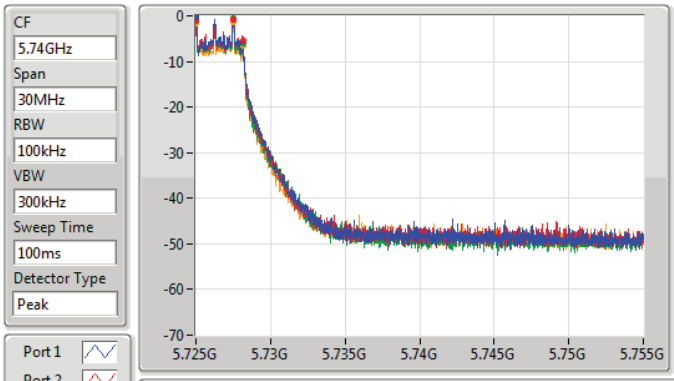


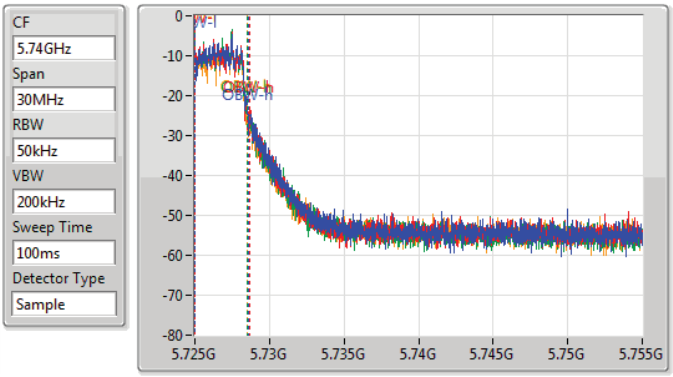
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.815M	5.649185G	5.725G	72.46M	5.652135G	5.724595G	Inf	1
75.668M	5.649333G	5.725G	72.46M	5.652135G	5.724595G	Inf	2
75.815M	5.649185G	5.725G	72.607M	5.652135G	5.724742G	Inf	3
75.815M	5.649185G	5.725G	72.46M	5.652208G	5.724668G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

04/08/2020



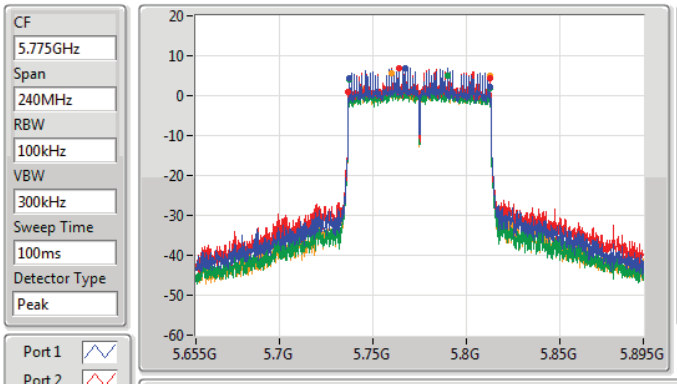


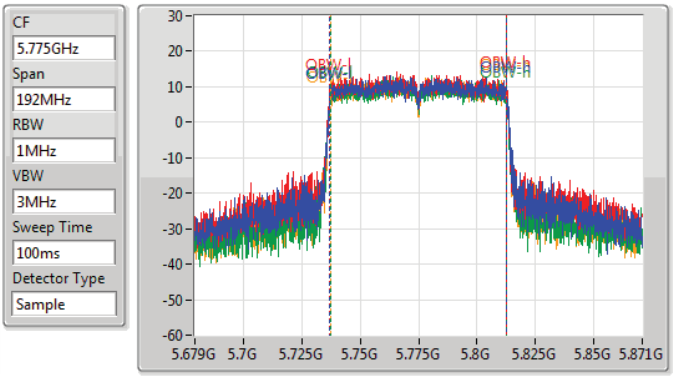
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.88M	5.725G	5.72788G	3.568M	5.725007G	5.728576G	500k	1
3.165M	5.725G	5.728165G	3.628M	5.725007G	5.728636G	500k	2
3.135M	5.725G	5.728135G	3.523M	5.725007G	5.728531G	500k	3
3.135M	5.725G	5.728135G	3.478M	5.725007G	5.728486G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX — EBW

5775MHz

27/07/2020



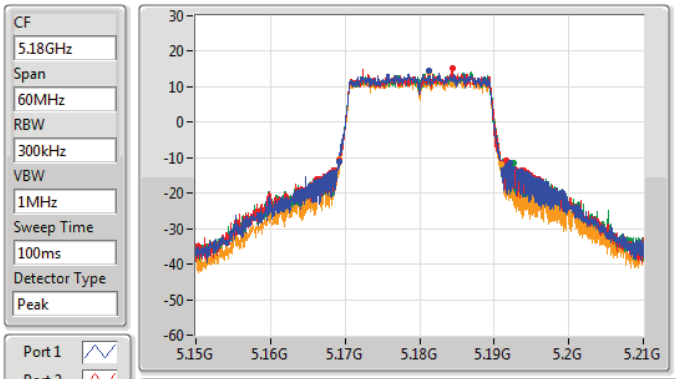


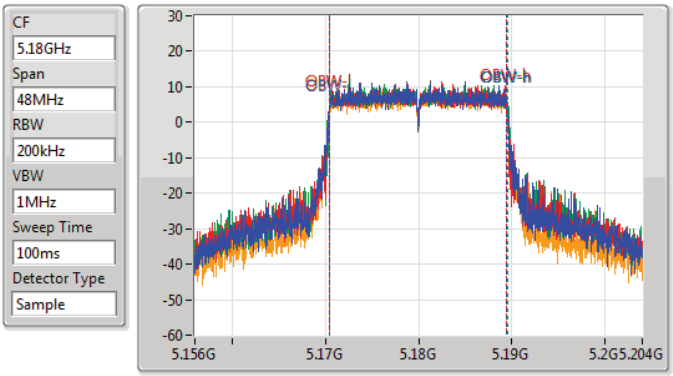
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.12M	5.73744G	5.81256G	75.802M	5.737003G	5.812805G	500k	1
75.72M	5.73684G	5.81256G	75.898M	5.737003G	5.812901G	500k	2
75.12M	5.73744G	5.81256G	75.61M	5.737195G	5.812805G	500k	3
75.12M	5.73744G	5.81256G	75.706M	5.737099G	5.812805G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

25/07/2020



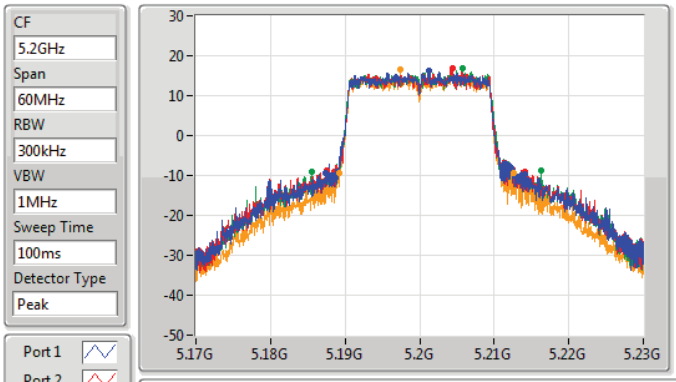


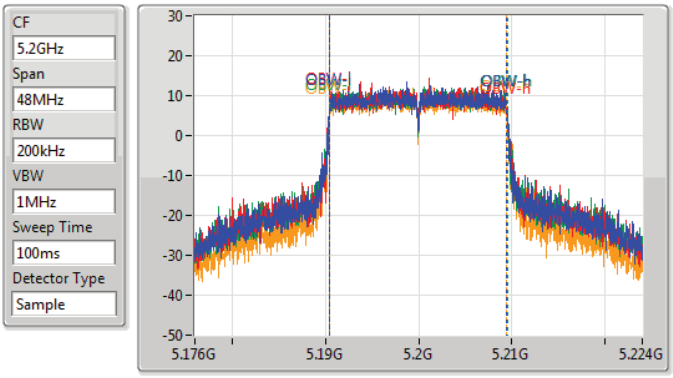
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.92M	5.16914G	5.19206G	18.999M	5.170477G	5.189475G	Inf	1
22.41M	5.16923G	5.19164G	18.975M	5.170477G	5.189451G	Inf	2
23.43M	5.16917G	5.1926G	19.022M	5.170477G	5.189499G	Inf	3
21.66M	5.16929G	5.19095G	18.975M	5.170501G	5.189475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

04/08/2020



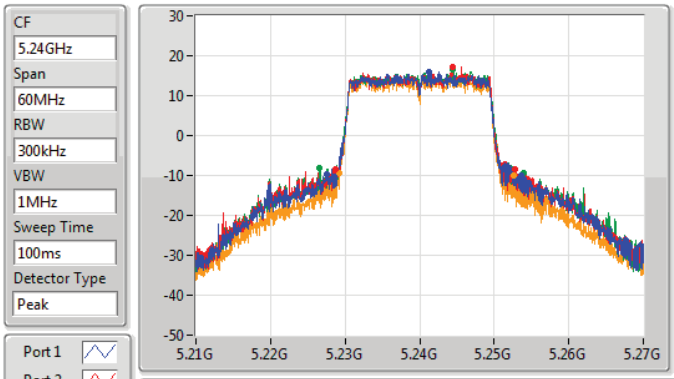


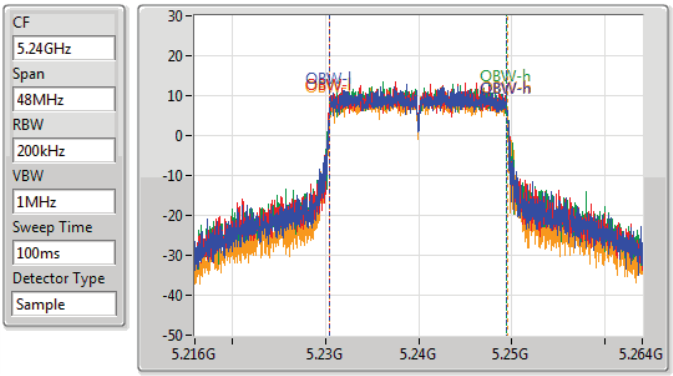
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.58M	5.18746G	5.21404G	18.999M	5.190477G	5.209475G	Inf	1
26.55M	5.18752G	5.21407G	19.022M	5.190453G	5.209475G	Inf	2
30.81M	5.18548G	5.21629G	19.022M	5.190477G	5.209499G	Inf	3
23.31M	5.18926G	5.21257G	18.999M	5.190477G	5.209475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

04/08/2020



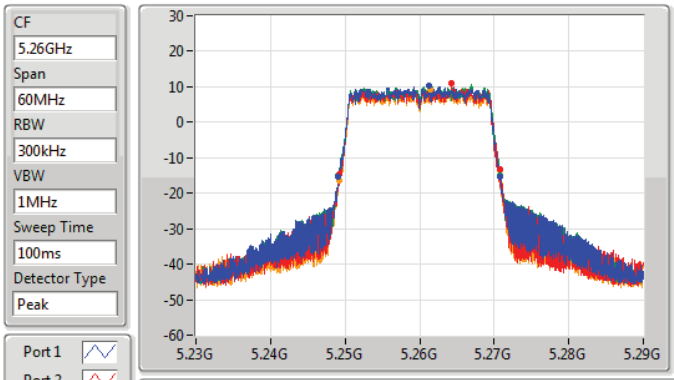


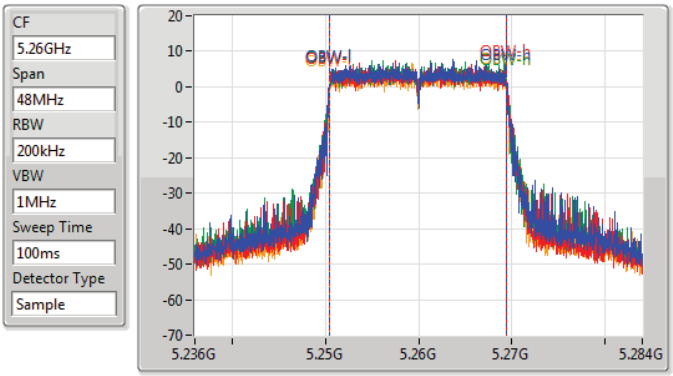
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.16M	5.22752G	5.25368G	18.999M	5.230477G	5.249475G	Inf	1
23.94M	5.22878G	5.25272G	19.022M	5.230453G	5.249475G	Inf	2
27.48M	5.22647G	5.25395G	19.022M	5.230453G	5.249475G	Inf	3
23.4M	5.22926G	5.25266G	18.999M	5.230501G	5.249499G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

04/08/2020



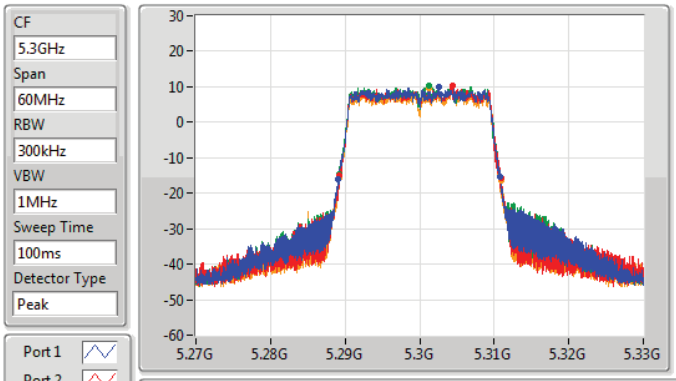


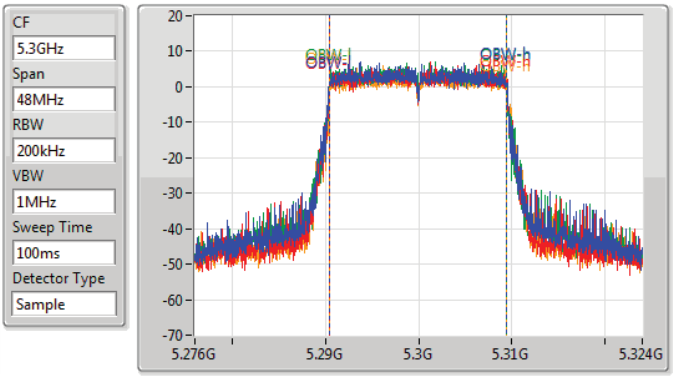
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.24911G	5.27083G	18.975M	5.250477G	5.269451G	Inf	1
21.51M	5.24926G	5.27077G	18.999M	5.250477G	5.269475G	Inf	2
21.75M	5.24911G	5.27086G	18.975M	5.250477G	5.269451G	Inf	3
21.6M	5.24917G	5.27077G	18.975M	5.250477G	5.269451G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

04/08/2020



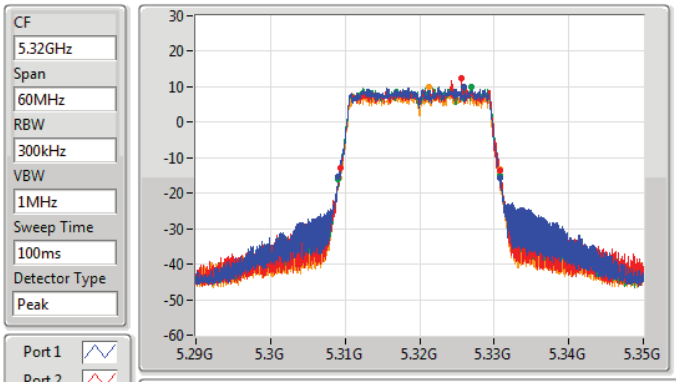


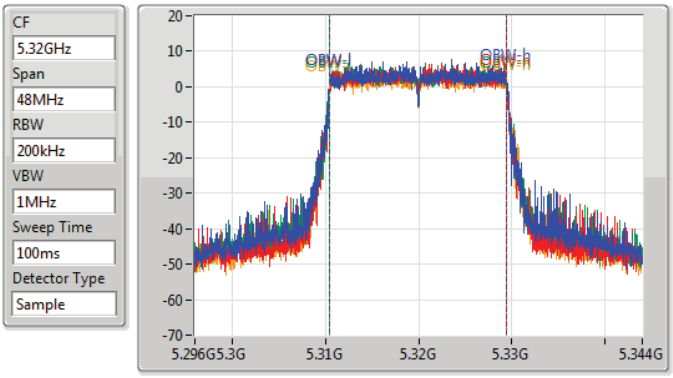
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.28908G	5.31086G	18.999M	5.290453G	5.309451G	Inf	1
21.66M	5.28923G	5.31089G	19.022M	5.290453G	5.309475G	Inf	2
21.69M	5.28917G	5.31086G	18.951M	5.290477G	5.309427G	Inf	3
21.72M	5.28923G	5.31095G	18.975M	5.290501G	5.309475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

04/08/2020



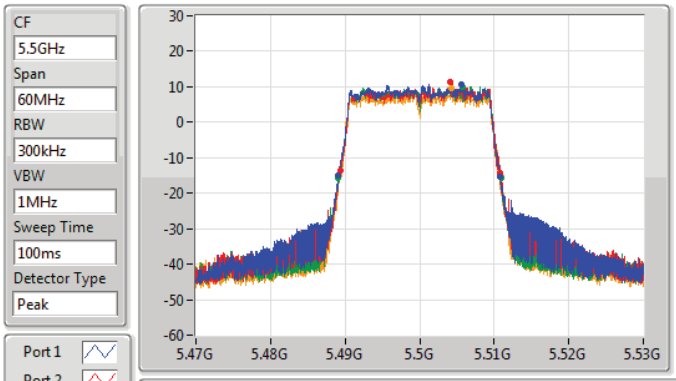


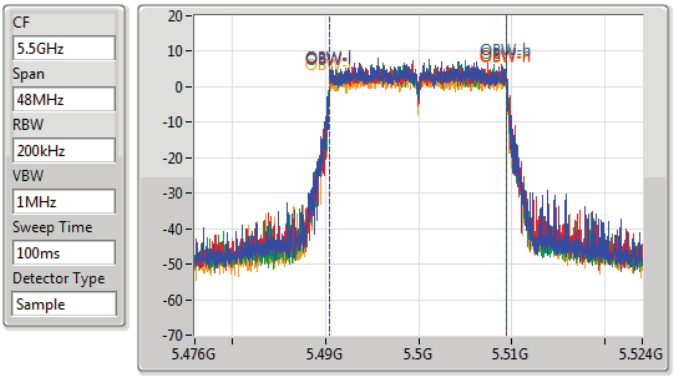
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30911G	5.33086G	18.999M	5.310477G	5.329475G	Inf	1
21.39M	5.30938G	5.33077G	18.975M	5.310477G	5.329451G	Inf	2
21.78M	5.30908G	5.33086G	18.999M	5.310477G	5.329475G	Inf	3
21.45M	5.30926G	5.33071G	18.975M	5.310501G	5.329475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

04/08/2020



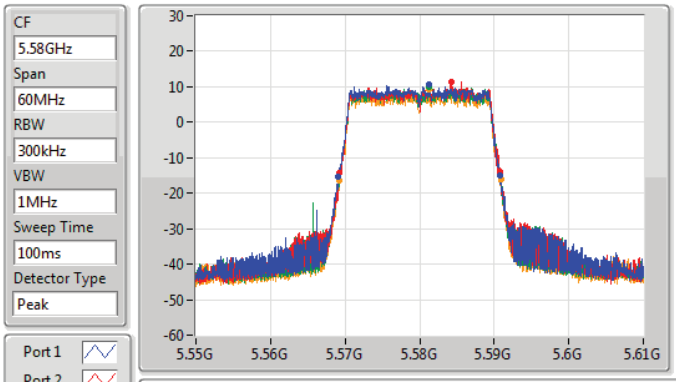


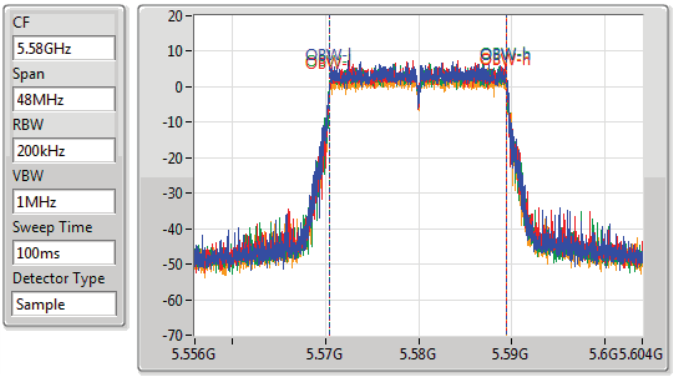
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.48911G	5.51086G	18.975M	5.490477G	5.509451G	Inf	1
21.54M	5.48932G	5.51086G	18.999M	5.490477G	5.509475G	Inf	2
21.78M	5.48911G	5.51089G	18.975M	5.490477G	5.509451G	Inf	3
21.63M	5.48929G	5.51092G	18.975M	5.490501G	5.509475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

04/08/2020



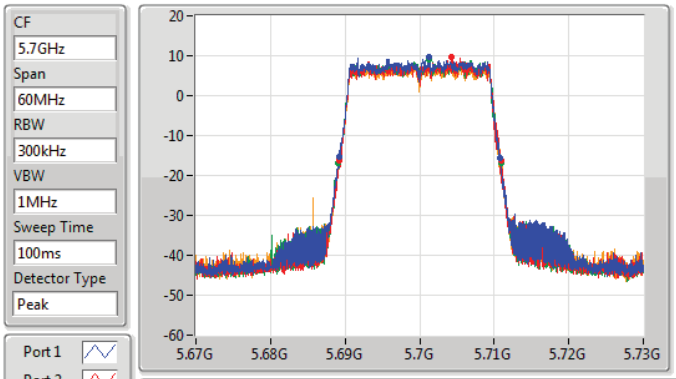


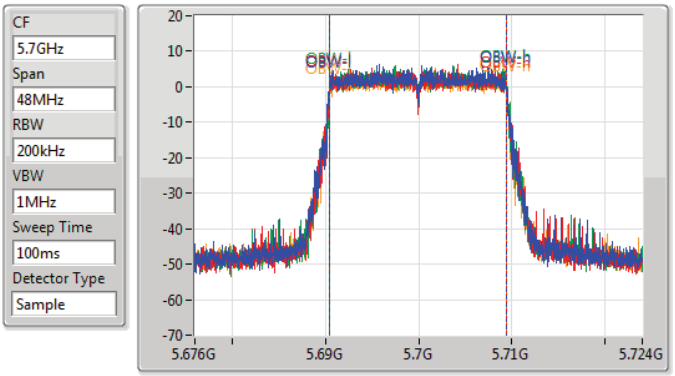
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.56911G	5.5908G	19.022M	5.570453G	5.589475G	Inf	1
21.57M	5.56929G	5.59086G	18.951M	5.570501G	5.589451G	Inf	2
21.51M	5.56923G	5.59074G	18.975M	5.570501G	5.589475G	Inf	3
21.75M	5.5692G	5.59095G	18.951M	5.570501G	5.589451G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

25/07/2020



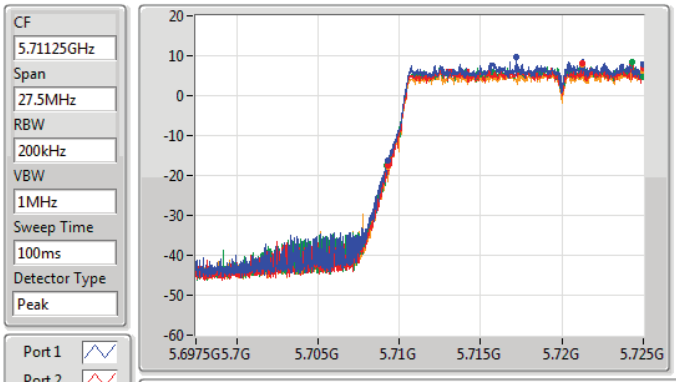


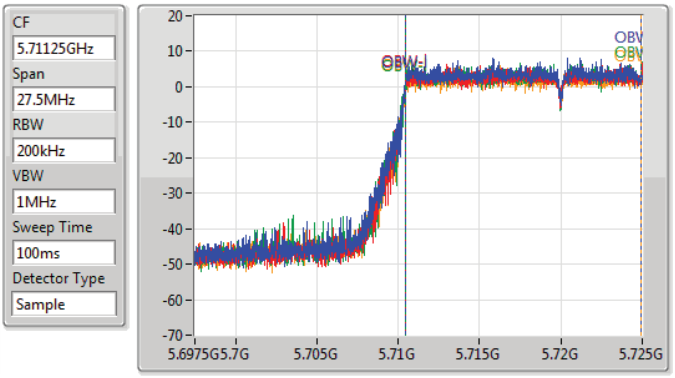
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.6892G	5.7108G	18.975M	5.690477G	5.709451G	Inf	1
21.69M	5.68923G	5.71092G	18.975M	5.690477G	5.709451G	Inf	2
21.78M	5.68911G	5.71089G	18.975M	5.690477G	5.709451G	Inf	3
21.69M	5.68926G	5.71095G	18.999M	5.690477G	5.709475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/08/2020



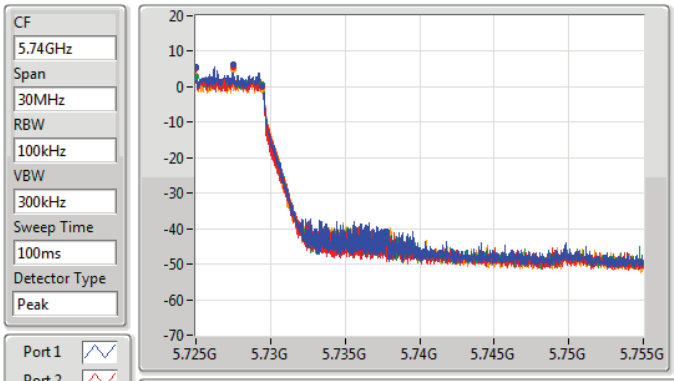


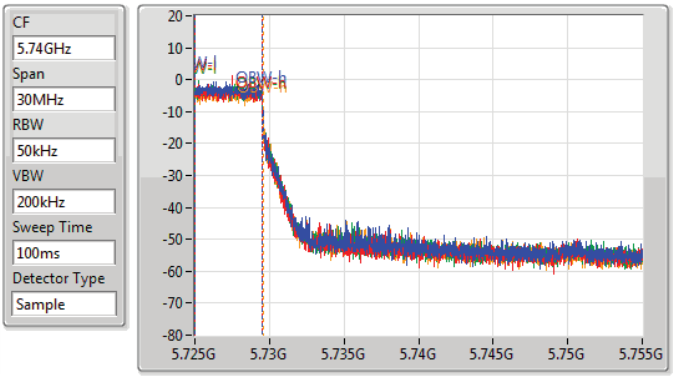
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.689M	5.709311G	5.725G	14.472M	5.710439G	5.724911G	Inf	1
15.675M	5.709325G	5.725G	14.499M	5.710439G	5.724938G	Inf	2
15.758M	5.709243G	5.725G	14.526M	5.710425G	5.724952G	Inf	3
15.689M	5.709311G	5.725G	14.458M	5.710467G	5.724924G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5720MHz Straddle 5.725-5.85GHz

04/08/2020



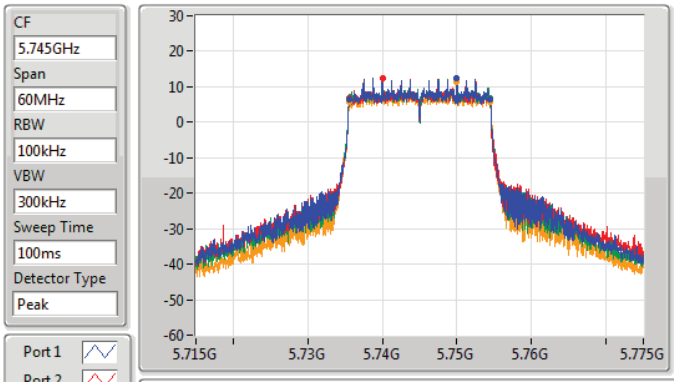


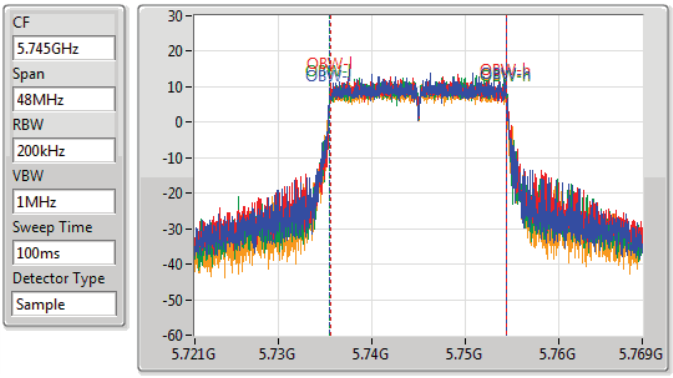
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	4.528M	5.725022G	5.72955G	500k	1
4.47M	5.725G	5.72947G	4.528M	5.725022G	5.72955G	500k	2
4.44M	5.725G	5.72944G	4.528M	5.725022G	5.72955G	500k	3
4.47M	5.725G	5.72947G	4.543M	5.725022G	5.729565G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX — EBW

5745MHz

04/08/2020



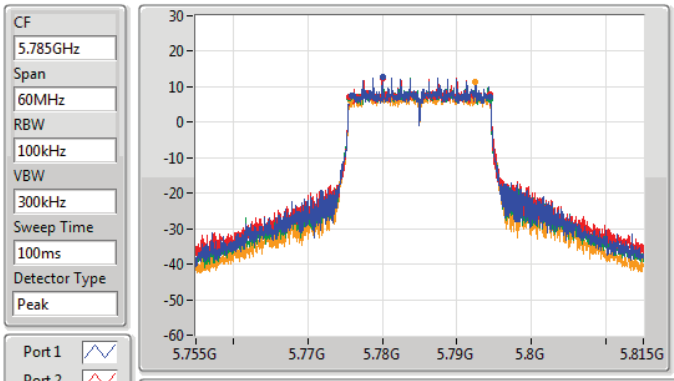


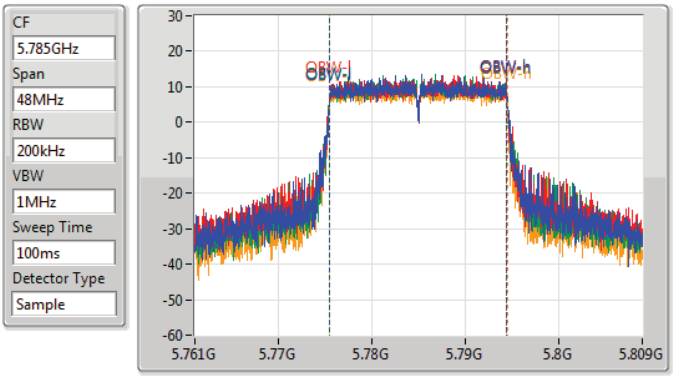
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.73561G	5.75445G	18.951M	5.735501G	5.754451G	500k	1
18.93M	5.73555G	5.75448G	18.951M	5.735525G	5.754475G	500k	2
18.72M	5.73573G	5.75445G	18.999M	5.735477G	5.754475G	500k	3
18.93M	5.73555G	5.75448G	18.975M	5.735501G	5.754475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

04/08/2020



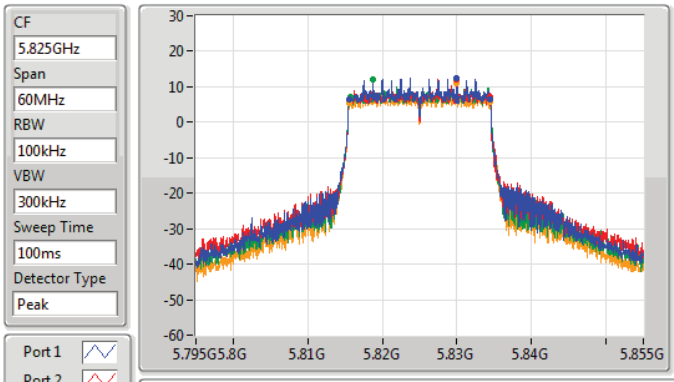


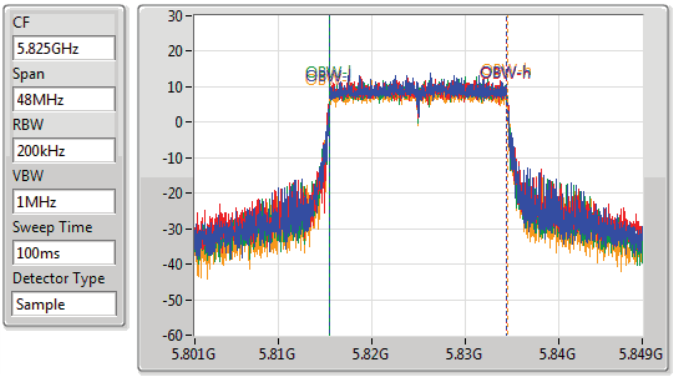
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.77582G	5.79442G	18.975M	5.775501G	5.794475G	500k	1
18.87M	5.77558G	5.79445G	18.999M	5.775477G	5.794475G	500k	2
18.96M	5.77552G	5.79448G	18.999M	5.775477G	5.794475G	500k	3
18.75M	5.7757G	5.79445G	19.022M	5.775477G	5.794499G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

04/08/2020



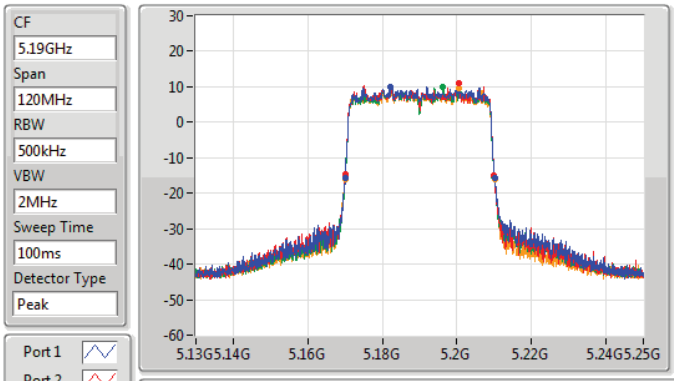


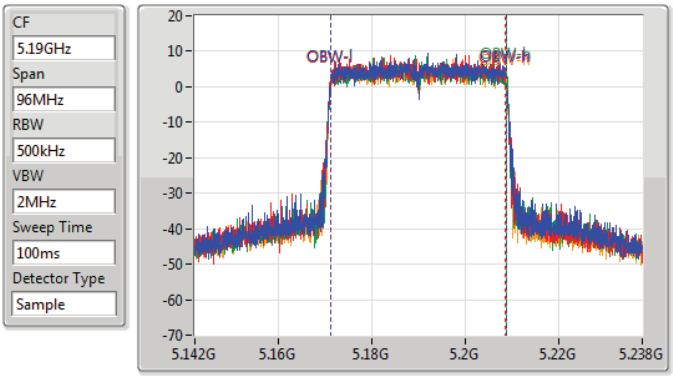
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.81558G	5.83448G	18.999M	5.815477G	5.834475G	500k	1
18.96M	5.81552G	5.83448G	19.022M	5.815453G	5.834475G	500k	2
18.69M	5.81576G	5.83445G	18.999M	5.815477G	5.834475G	500k	3
18.9M	5.81558G	5.83448G	18.999M	5.815501G	5.834499G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

25/07/2020



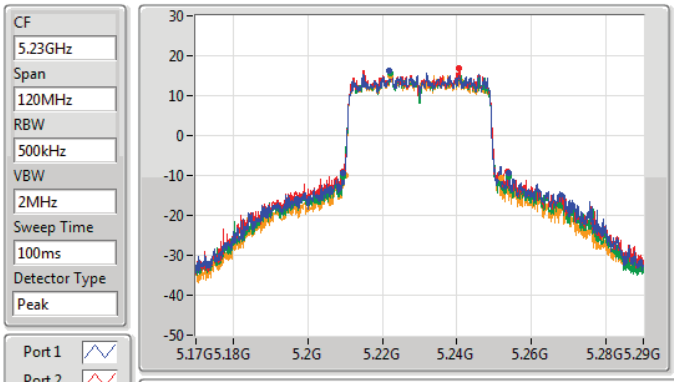


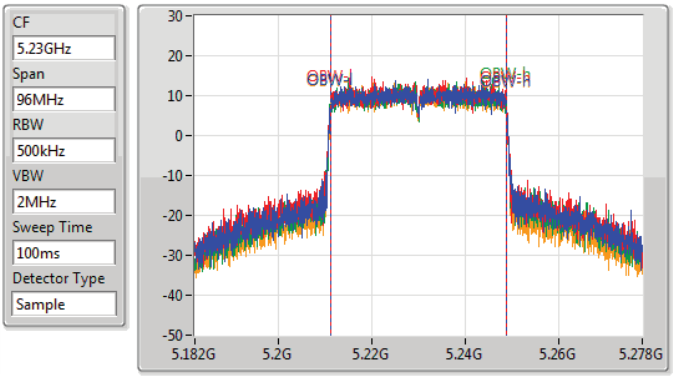
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.17008G	5.21016G	37.517M	5.171241G	5.208759G	Inf	1
39.96M	5.17008G	5.21004G	37.517M	5.171193G	5.208711G	Inf	2
40.02M	5.16996G	5.20998G	37.517M	5.171241G	5.208759G	Inf	3
40.14M	5.16996G	5.2101G	37.565M	5.171193G	5.208759G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

25/07/2020



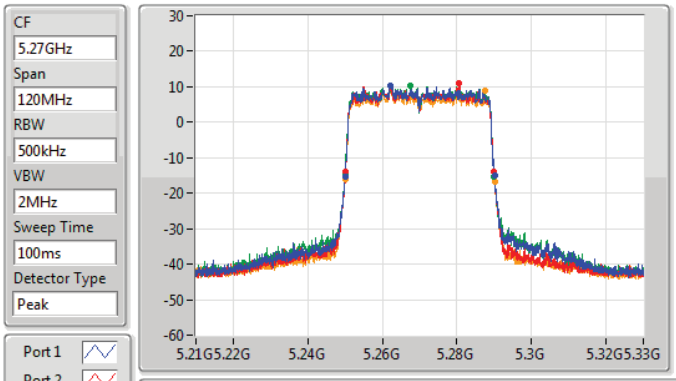


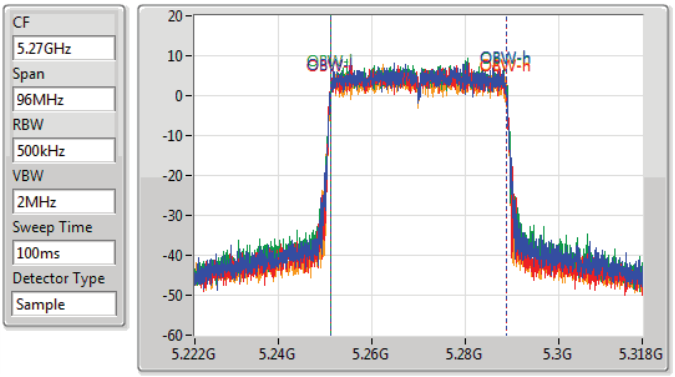
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.58M	5.20948G	5.25406G	37.661M	5.211145G	5.248807G	Inf	1
44.16M	5.20948G	5.25364G	37.661M	5.211145G	5.248807G	Inf	2
44.34M	5.20942G	5.25376G	37.661M	5.211097G	5.248759G	Inf	3
41.94M	5.20996G	5.2519G	37.565M	5.211193G	5.248759G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

04/08/2020



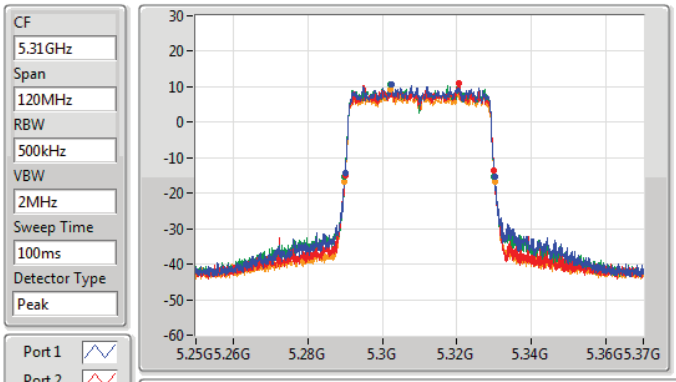


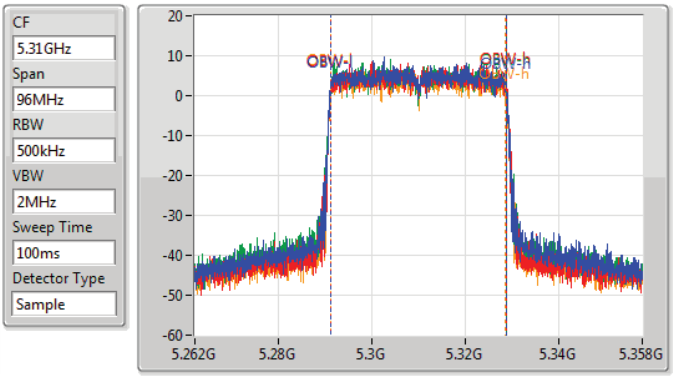
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.25002G	5.2901G	37.517M	5.251241G	5.288759G	Inf	1
39.84M	5.25014G	5.28998G	37.565M	5.251193G	5.288759G	Inf	2
40.08M	5.24996G	5.29004G	37.613M	5.251193G	5.288807G	Inf	3
40.14M	5.24996G	5.2901G	37.565M	5.251193G	5.288759G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

04/08/2020



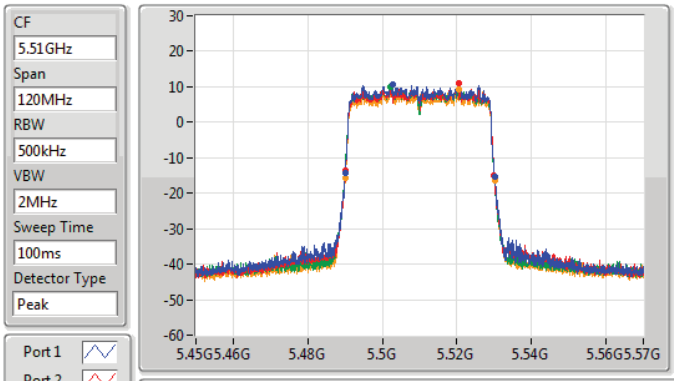


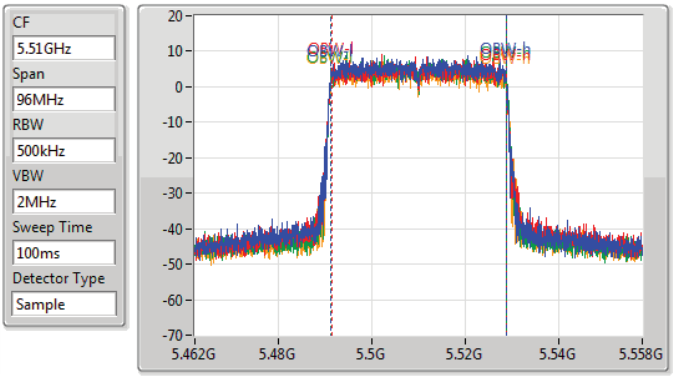
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.29008G	5.33016G	37.517M	5.291241G	5.328759G	Inf	1
39.84M	5.29008G	5.32992G	37.565M	5.291193G	5.328759G	Inf	2
40.14M	5.2899G	5.33004G	37.565M	5.291241G	5.328807G	Inf	3
40.2M	5.2899G	5.3301G	37.469M	5.291241G	5.328711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

04/08/2020



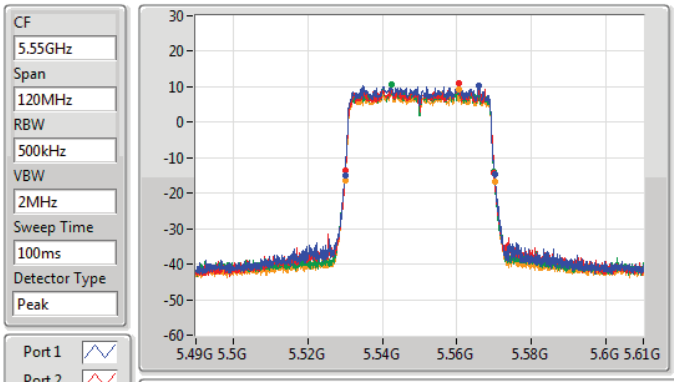


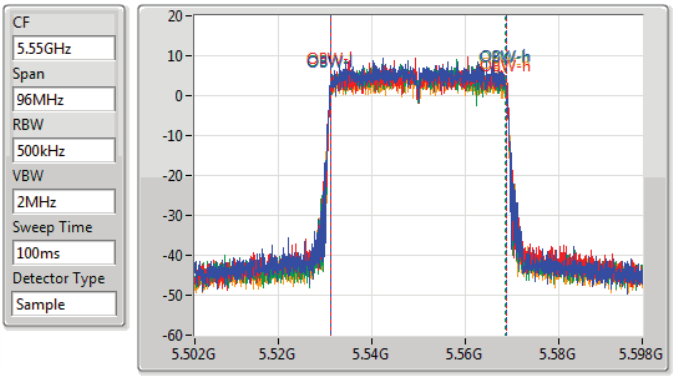
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.49008G	5.5301G	37.565M	5.491193G	5.528759G	Inf	1
39.9M	5.49014G	5.53004G	37.469M	5.491289G	5.528759G	Inf	2
39.9M	5.49002G	5.52992G	37.565M	5.491193G	5.528759G	Inf	3
40.08M	5.49002G	5.5301G	37.613M	5.491193G	5.528807G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

04/08/2020



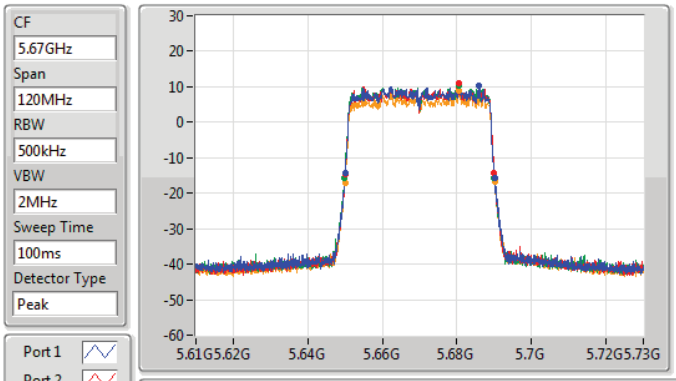


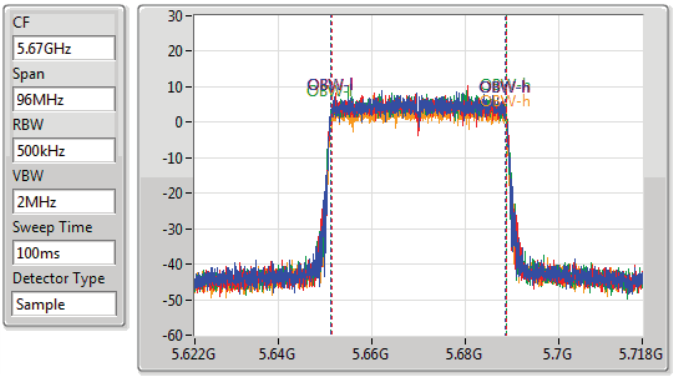
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.52996G	5.57022G	37.613M	5.531145G	5.568759G	Inf	1
39.84M	5.53014G	5.56998G	37.613M	5.531241G	5.568855G	Inf	2
40.02M	5.52996G	5.56998G	37.469M	5.531241G	5.568711G	Inf	3
40.14M	5.52996G	5.5701G	37.613M	5.531145G	5.568759G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

04/08/2020



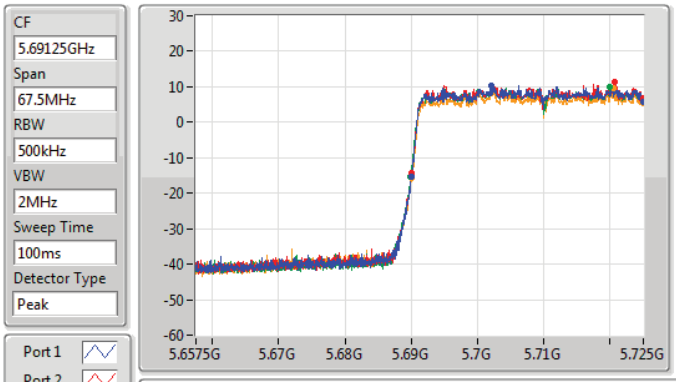


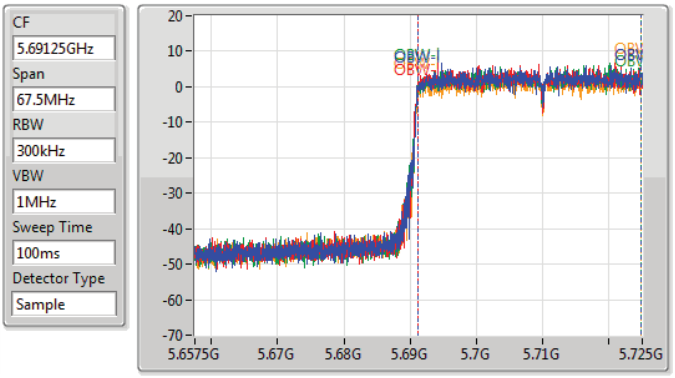
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.65008G	5.69016G	37.565M	5.651145G	5.688711G	Inf	1
39.9M	5.65008G	5.68998G	37.517M	5.651289G	5.688807G	Inf	2
40.14M	5.6499G	5.69004G	37.613M	5.651193G	5.688807G	Inf	3
40.14M	5.64996G	5.6901G	37.613M	5.651193G	5.688807G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/08/2020



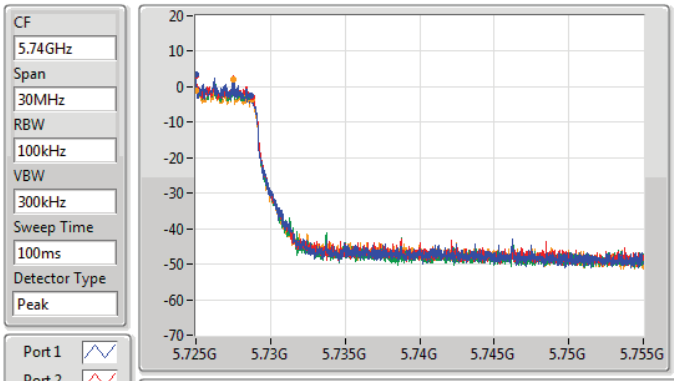


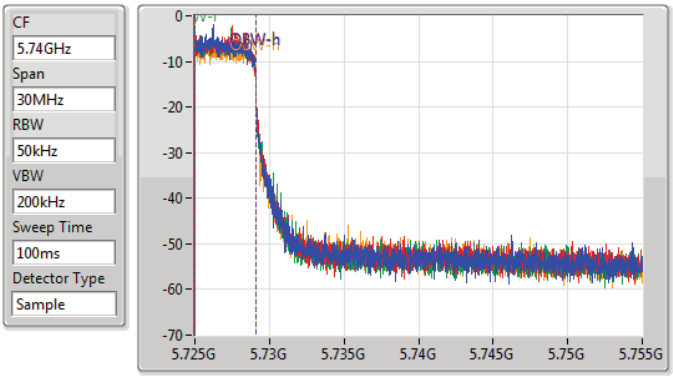
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.965M	5.690035G	5.725G	33.632M	5.691183G	5.724814G	Inf	1
34.898M	5.690103G	5.725G	33.598M	5.691216G	5.724814G	Inf	2
35.066M	5.689934G	5.725G	33.666M	5.691183G	5.724848G	Inf	3
34.965M	5.690035G	5.725G	33.666M	5.691183G	5.724848G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/08/2020



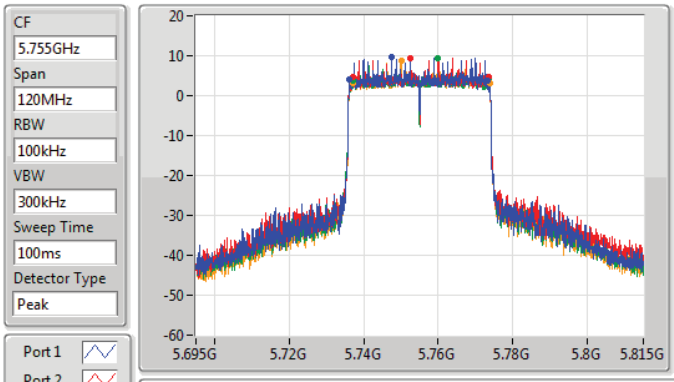


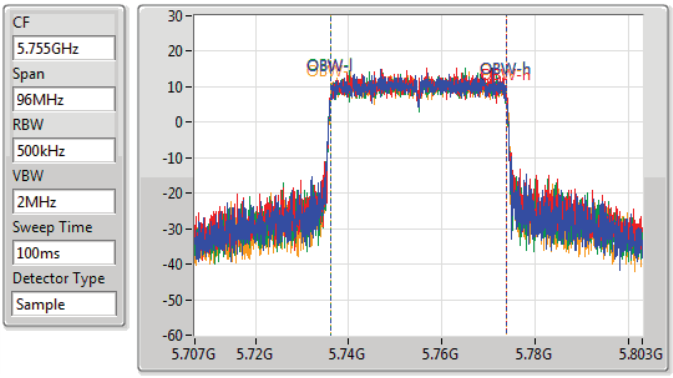
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.705M	5.725G	5.728705G	4.063M	5.725007G	5.72907G	500k	1
3.78M	5.725G	5.72878G	4.048M	5.725022G	5.72907G	500k	2
3.705M	5.725G	5.728705G	4.048M	5.725022G	5.72907G	500k	3
3.735M	5.725G	5.728735G	4.063M	5.725007G	5.72907G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

04/08/2020



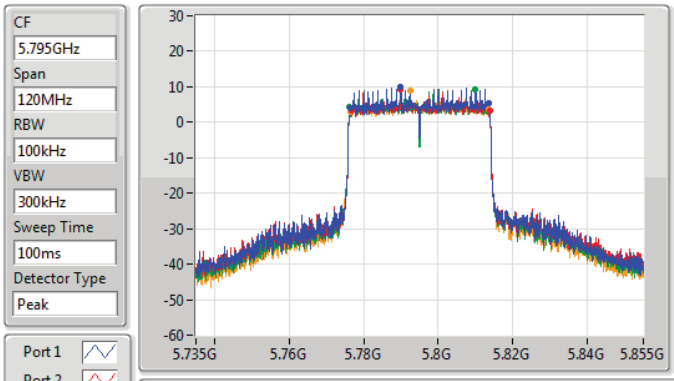


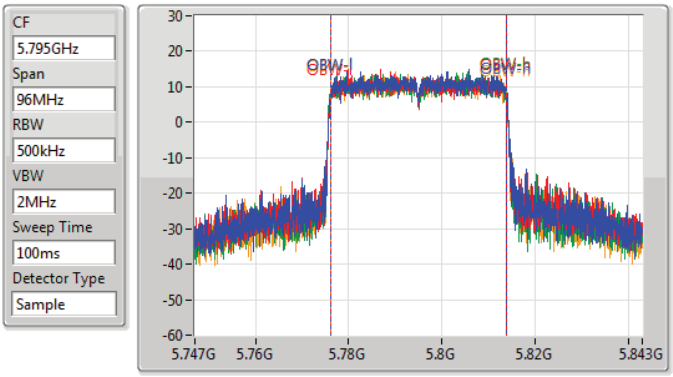
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.02M	5.73628G	5.7733G	37.661M	5.736145G	5.773807G	500k	1
36.3M	5.73718G	5.77348G	37.565M	5.736193G	5.773759G	500k	2
36.42M	5.73706G	5.77348G	37.565M	5.736193G	5.773759G	500k	3
36.54M	5.73718G	5.77372G	37.517M	5.736241G	5.773759G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

04/08/2020



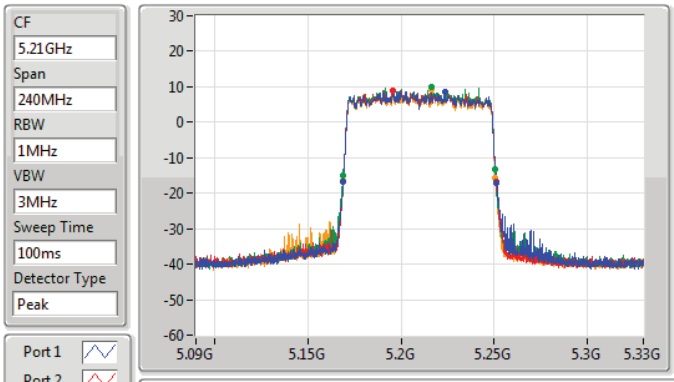


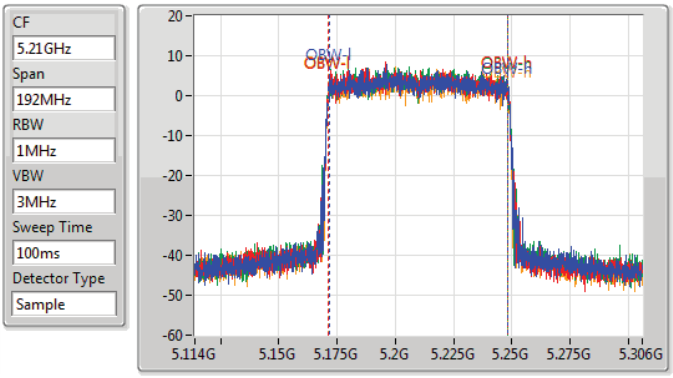
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.84M	5.77658G	5.81342G	37.613M	5.776193G	5.813807G	500k	1
37.02M	5.77676G	5.81378G	37.565M	5.776193G	5.813759G	500k	2
37.2M	5.77622G	5.81342G	37.613M	5.776145G	5.813759G	500k	3
36.96M	5.77658G	5.81354G	37.517M	5.776241G	5.813759G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

25/07/2020



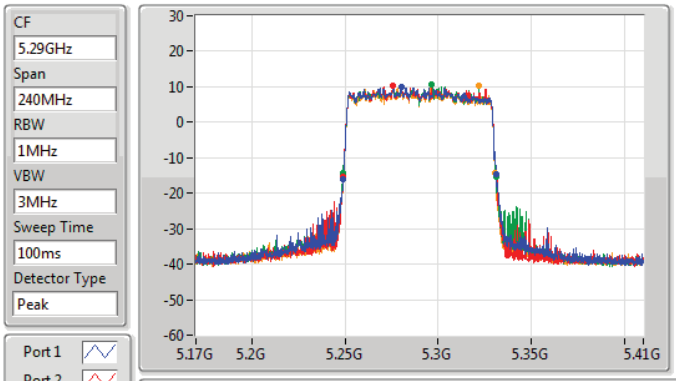


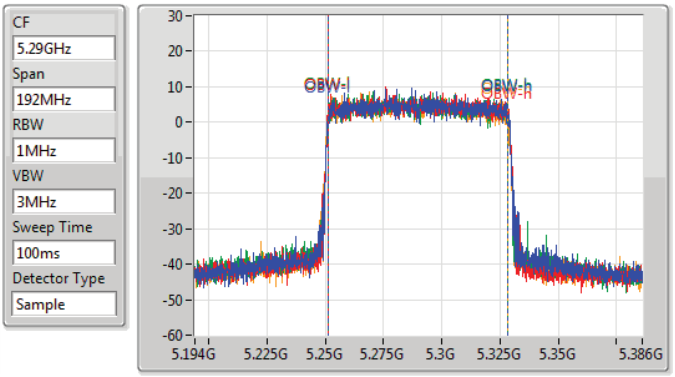
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16908G	5.2514G	76.954M	5.171523G	5.248477G	Inf	1
82.2M	5.16908G	5.25128G	76.954M	5.171427G	5.248381G	Inf	2
81.6M	5.16896G	5.25056G	76.954M	5.171427G	5.248381G	Inf	3
81.48M	5.1692G	5.25068G	77.049M	5.171331G	5.248381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

04/08/2020



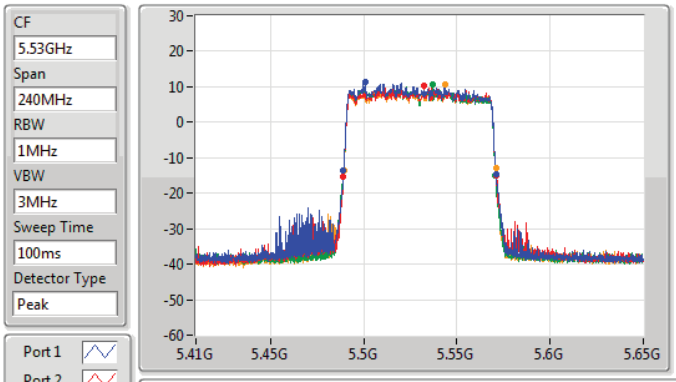


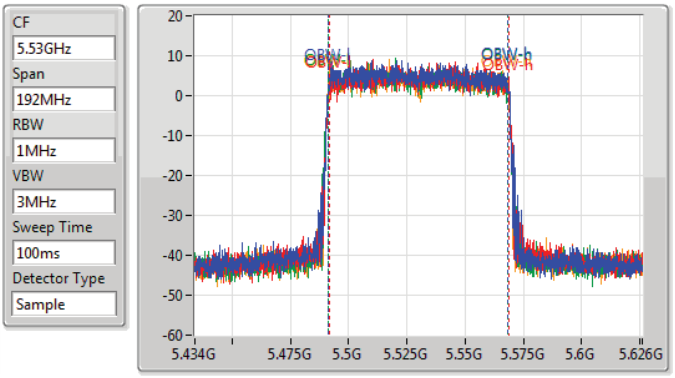
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.24908G	5.33116G	76.954M	5.251427G	5.328381G	Inf	1
82.08M	5.24908G	5.33116G	77.145M	5.251331G	5.328477G	Inf	2
81.84M	5.24896G	5.3308G	77.049M	5.251427G	5.328477G	Inf	3
81.6M	5.24908G	5.33068G	76.954M	5.251427G	5.328381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

04/08/2020



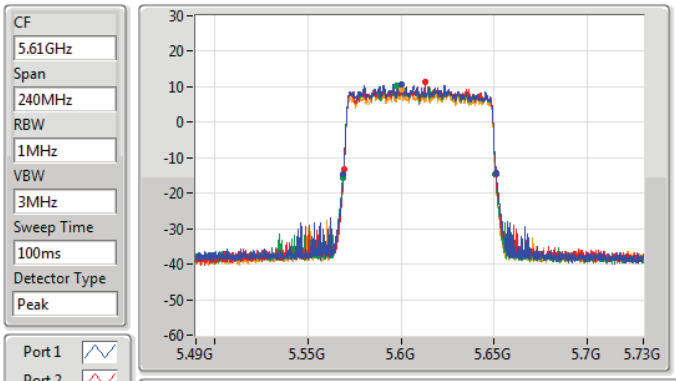


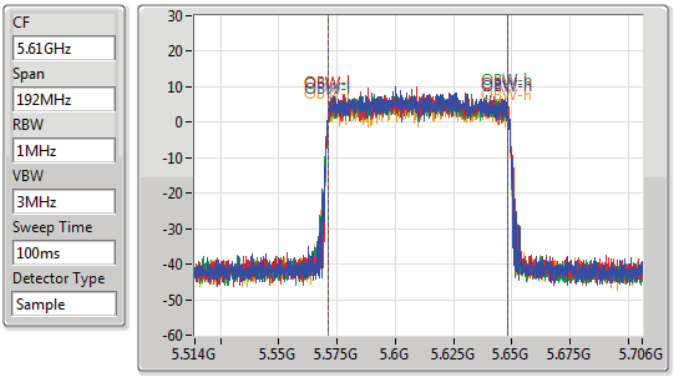
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.4892G	5.57104G	76.954M	5.491427G	5.568381G	Inf	1
82.08M	5.4892G	5.57128G	77.049M	5.491523G	5.568573G	Inf	2
81.84M	5.48884G	5.57068G	77.049M	5.491427G	5.568477G	Inf	3
81.48M	5.48932G	5.5708G	77.145M	5.491331G	5.568477G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

04/08/2020



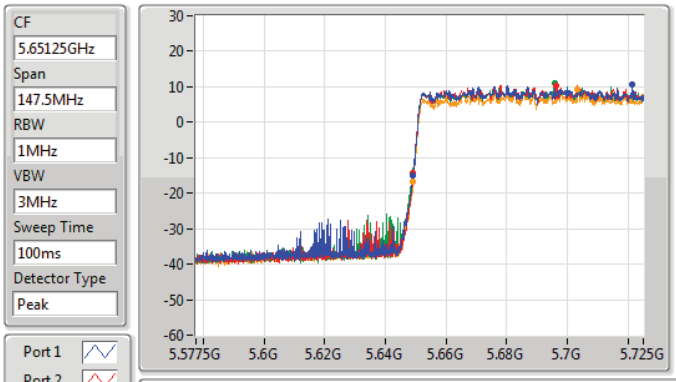


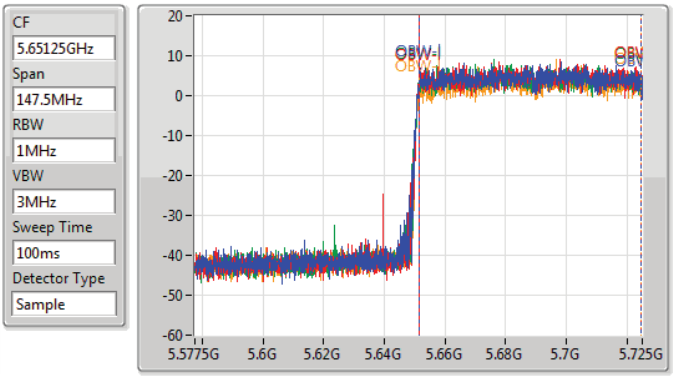
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.56908G	5.65104G	76.858M	5.571427G	5.648285G	Inf	1
81.84M	5.56932G	5.65116G	77.049M	5.571427G	5.648477G	Inf	2
81.84M	5.56884G	5.65068G	77.049M	5.571427G	5.648477G	Inf	3
81.6M	5.5692G	5.6508G	77.049M	5.571427G	5.648477G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/08/2020



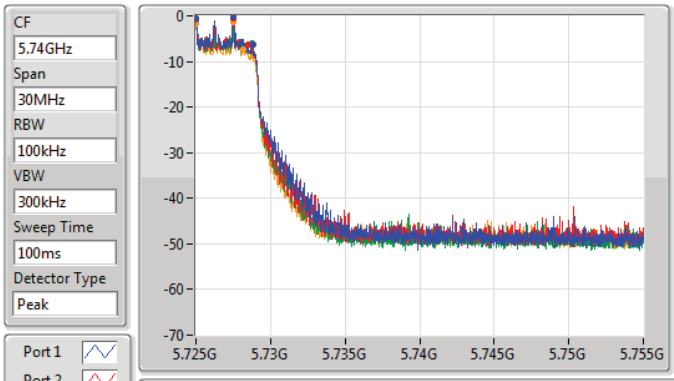


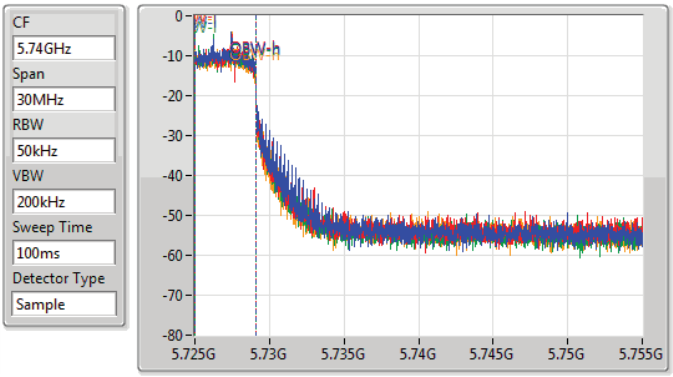
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.889M	5.649111G	5.725G	73.123M	5.651324G	5.724447G	Inf	1
75.815M	5.649185G	5.725G	73.197M	5.651397G	5.724595G	Inf	2
76.036M	5.648964G	5.725G	73.271M	5.65125G	5.724521G	Inf	3
75.889M	5.649111G	5.725G	73.123M	5.651397G	5.724521G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

04/08/2020



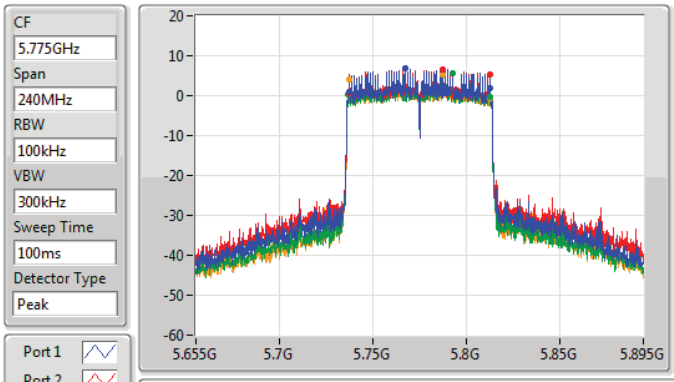


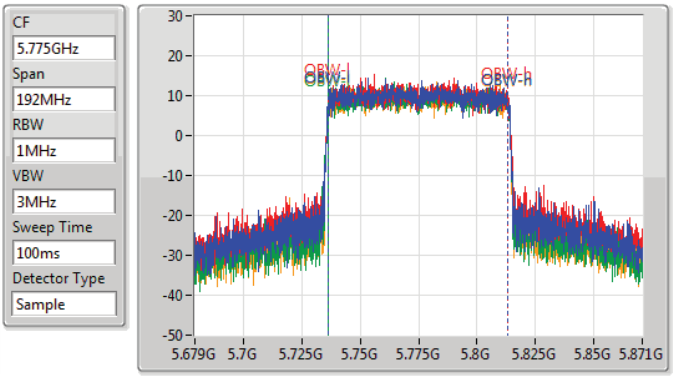
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.81M	5.725G	5.72881G	4.063M	5.725022G	5.729085G	500k	1
3.51M	5.725G	5.72851G	4.078M	5.725022G	5.7291G	500k	2
3.72M	5.725G	5.72872G	4.063M	5.725007G	5.72907G	500k	3
3.21M	5.725G	5.72821G	4.063M	5.725022G	5.729085G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX — EBW

5775MHz

25/07/2020



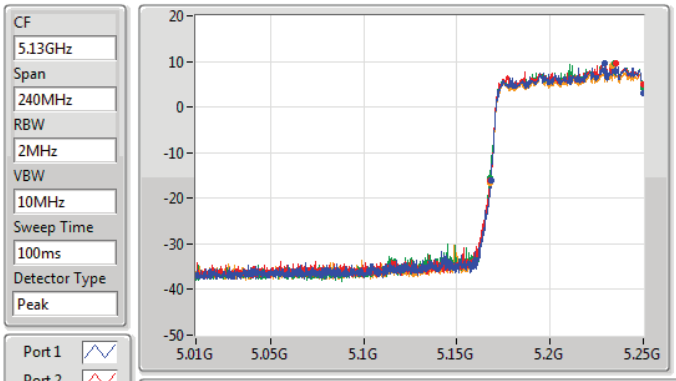


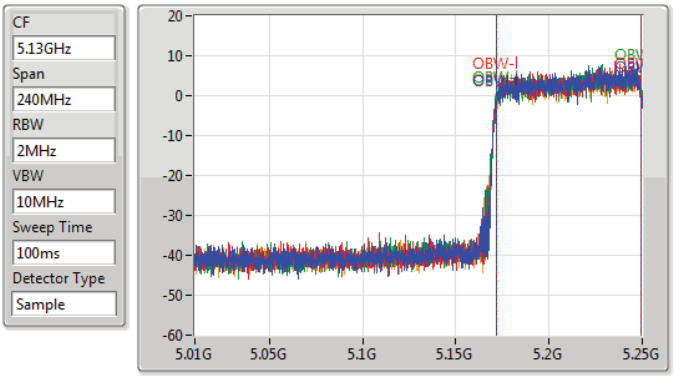
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.73708G	5.81268G	77.049M	5.736427G	5.813477G	500k	1
75.36M	5.7372G	5.81256G	77.145M	5.736331G	5.813477G	500k	2
75.84M	5.73684G	5.81268G	77.049M	5.736427G	5.813477G	500k	3
75.48M	5.73744G	5.81292G	77.049M	5.736427G	5.813477G	500k	4

802.11ax HEW160_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

27/07/2020



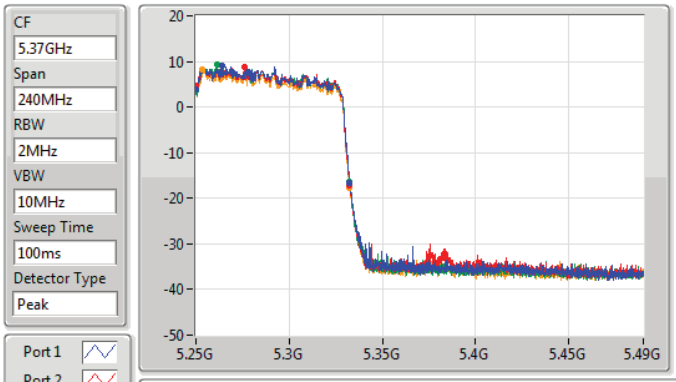


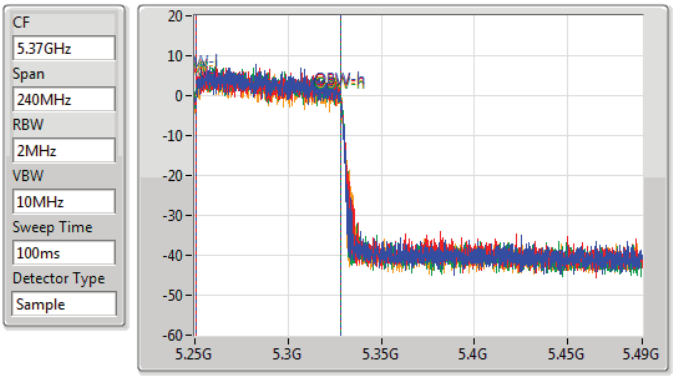
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1684G	5.25G	77.481M	5.171619G	5.2491G	Inf	1
81.96M	5.16804G	5.25G	77.481M	5.171619G	5.2491G	Inf	2
82.32M	5.16768G	5.25G	77.721M	5.171499G	5.24922G	Inf	3
82.2M	5.1678G	5.25G	77.601M	5.171499G	5.2491G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.25-5.35GHz

27/07/2020



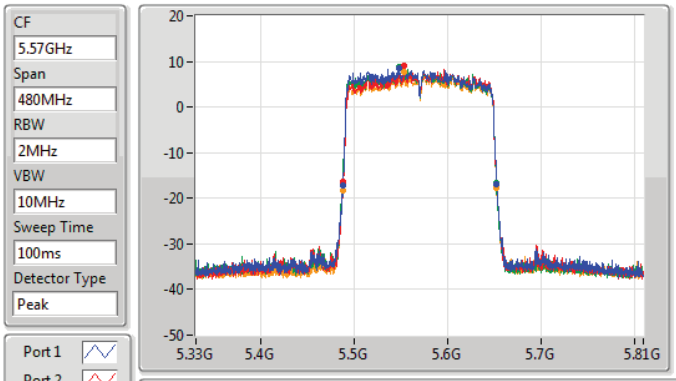


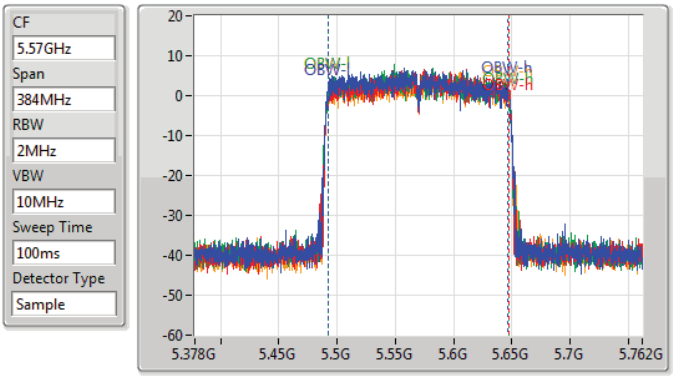
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.25G	5.33256G	77.481M	5.25078G	5.328261G	Inf	1
82.56M	5.25G	5.33256G	77.361M	5.2509G	5.328261G	Inf	2
82.44M	5.25G	5.33244G	77.481M	5.25078G	5.328261G	Inf	3
82.56M	5.25G	5.33256G	77.481M	5.25078G	5.328261G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

27/07/2020





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.48792G	5.6528G	154.867M	5.492087G	5.646954G	Inf	1
164.4M	5.48816G	5.65256G	155.442M	5.492471G	5.647913G	Inf	2
165.12M	5.4872G	5.65232G	154.867M	5.492279G	5.647145G	Inf	3
164.88M	5.48768G	5.65256G	155.25M	5.492279G	5.647529G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	40.77M	18.495M	18M5D1D	21.81M	17.751M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	75.06M	36.558M	36M6D1D	39.78M	36.174M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	80.76M	75.898M	75M9D1D	80.4M	75.61M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	41.16M	19.502M	19M5D1D	21.45M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	77.4M	37.853M	37M9D1D	40.2M	37.421M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.049M	77M0D1D	81.12M	76.954M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.6M	77.841M	77M8D1D	80.64M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.84M	17.799M	17M8D1D	21.57M	17.703M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.32M	36.318M	36M3D1D	39.66M	36.174M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.96M	75.898M	75M9D1D	80.28M	75.706M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.75M	19.022M	19M0D1D	21.51M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.44M	37.613M	37M6D1D	40.08M	37.517M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.12M	77.049M	77M0D1D	80.76M	76.858M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.32M	77.481M	77M5D1D	81.96M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.9M	17.799M	17M8D1D	15.648M	13.853M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.38M	36.318M	36M3D1D	34.729M	32.924M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.24M	75.802M	75M8D1D	75.594M	72.46M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.69M	19.022M	19M0D1D	15.62M	14.458M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.68M	37.661M	37M7D1D	34.898M	33.632M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.6M	77.049M	77M0D1D	75.668M	73.123M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.4M	155.634M	156MD1D	161.76M	154.867M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.58M	17.847M	17M8D1D	3.765M	4.228M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	36.318M	36M3D1D	3.15M	3.493M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.72M	75.706M	75M7D1D	3.105M	3.463M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.96M	19.046M	19M0D1D	4.455M	4.543M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	37.661M	37M7D1D	3.69M	4.048M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.44M	77.145M	77M1D1D	3.195M	4.048M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.84M	17.751M	26.91M	17.799M	21.84M	17.775M	22.02M	17.775M
5200MHz	Pass	Inf	30.12M	17.847M	40.77M	18.495M	30.57M	17.847M	26.46M	17.823M
5240MHz	Pass	Inf	21.96M	17.775M	39.36M	18.039M	22.26M	17.799M	21.81M	17.775M
5260MHz	Pass	Inf	21.75M	17.727M	21.81M	17.799M	21.66M	17.775M	21.72M	17.775M
5300MHz	Pass	Inf	21.75M	17.703M	21.81M	17.751M	21.78M	17.775M	21.57M	17.751M
5320MHz	Pass	Inf	21.72M	17.751M	21.72M	17.751M	21.84M	17.751M	21.63M	17.727M
5500MHz	Pass	Inf	21.72M	17.727M	21.81M	17.799M	21.72M	17.727M	21.6M	17.703M
5580MHz	Pass	Inf	21.69M	17.727M	21.81M	17.751M	21.87M	17.727M	21.9M	17.799M
5700MHz	Pass	Inf	21.75M	17.775M	21.75M	17.727M	21.87M	17.727M	21.63M	17.727M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.661M	13.853M	15.648M	13.853M	15.648M	13.853M	15.771M	13.853M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.228M	3.78M	4.258M	3.765M	4.228M	3.795M	4.243M
5745MHz	Pass	500k	17.55M	17.799M	17.52M	17.823M	17.55M	17.775M	17.58M	17.751M
5785MHz	Pass	500k	17.55M	17.775M	17.31M	17.847M	17.58M	17.775M	17.58M	17.823M
5825MHz	Pass	500k	17.55M	17.775M	17.52M	17.799M	17.52M	17.823M	17.58M	17.775M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.78M	36.222M	39.9M	36.27M	39.84M	36.174M	39.9M	36.222M
5230MHz	Pass	Inf	46.62M	36.27M	75.06M	36.558M	42.84M	36.222M	49.2M	36.27M
5270MHz	Pass	Inf	39.66M	36.222M	40.26M	36.318M	40.32M	36.27M	39.72M	36.174M
5310MHz	Pass	Inf	39.78M	36.222M	40.08M	36.318M	39.84M	36.222M	40.02M	36.174M
5510MHz	Pass	Inf	40.2M	36.222M	40.14M	36.318M	39.6M	36.27M	39.9M	36.318M
5550MHz	Pass	Inf	39.96M	36.174M	39.84M	36.126M	39.96M	36.27M	40.2M	36.174M
5670MHz	Pass	Inf	40.38M	36.27M	40.14M	36.174M	39.96M	36.222M	40.02M	36.174M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.1M	32.957M	34.83M	32.924M	34.999M	32.924M	34.729M	32.924M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	3.508M	3.165M	3.508M	3.15M	3.508M	3.165M	3.493M
5755MHz	Pass	500k	35.1M	36.27M	35.7M	36.27M	35.76M	36.27M	36.36M	36.174M
5795MHz	Pass	500k	35.28M	36.27M	36.3M	36.27M	35.76M	36.174M	36.06M	36.318M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.4M	75.898M	80.64M	75.61M	80.4M	75.706M	80.76M	75.706M
5290MHz	Pass	Inf	80.28M	75.706M	81.84M	75.898M	80.76M	75.802M	81.96M	75.802M
5530MHz	Pass	Inf	80.88M	75.802M	80.64M	75.706M	80.52M	75.706M	80.16M	75.514M
5610MHz	Pass	Inf	81.24M	75.61M	80.88M	75.61M	80.88M	75.61M	81M	75.706M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.036M	72.46M	75.741M	72.46M	75.594M	72.534M	75.889M	72.46M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	3.553M	3.135M	3.568M	3.135M	3.538M	3.105M	3.463M
5775MHz	Pass	500k	75.72M	75.514M	75.12M	75.706M	62.64M	75.706M	75.36M	75.706M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	18.975M	22.41M	18.999M	21.78M	18.951M	21.45M	18.951M
5200MHz	Pass	Inf	21.93M	19.046M	41.16M	19.502M	24.66M	19.046M	21.66M	18.999M
5240MHz	Pass	Inf	23.67M	18.975M	38.97M	19.19M	22.32M	18.999M	21.57M	18.999M
5260MHz	Pass	Inf	21.6M	18.975M	21.6M	18.975M	21.57M	18.999M	21.69M	18.975M
5300MHz	Pass	Inf	21.57M	18.975M	21.51M	19.022M	21.66M	18.975M	21.6M	18.951M
5320MHz	Pass	Inf	21.66M	18.975M	21.75M	18.999M	21.57M	19.022M	21.54M	19.022M
5500MHz	Pass	Inf	21.63M	18.999M	21.57M	18.951M	21.6M	18.999M	21.69M	18.975M
5580MHz	Pass	Inf	21.54M	18.999M	21.54M	18.951M	21.69M	18.999M	21.42M	18.951M
5700MHz	Pass	Inf	21.51M	18.975M	21.48M	19.022M	21.48M	18.999M	21.63M	18.975M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.716M	14.472M	15.62M	14.458M	15.771M	14.458M	15.661M	14.458M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.543M	4.485M	4.558M	4.485M	4.573M	4.485M	4.573M
5745MHz	Pass	500k	18.9M	18.999M	18.96M	19.046M	18.87M	18.975M	18.93M	18.999M
5785MHz	Pass	500k	18.84M	19.022M	18.9M	18.975M	18.84M	19.022M	18.93M	19.022M
5825MHz	Pass	500k	18.96M	19.022M	18.96M	18.999M	18.81M	18.975M	18.9M	19.046M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.421M	40.26M	37.613M	40.44M	37.517M	40.32M	37.565M
5230MHz	Pass	Inf	50.46M	37.661M	77.4M	37.853M	41.88M	37.661M	45.18M	37.565M
5270MHz	Pass	Inf	40.2M	37.565M	40.44M	37.517M	40.38M	37.565M	40.08M	37.565M
5310MHz	Pass	Inf	40.2M	37.613M	40.14M	37.517M	40.38M	37.517M	40.14M	37.517M

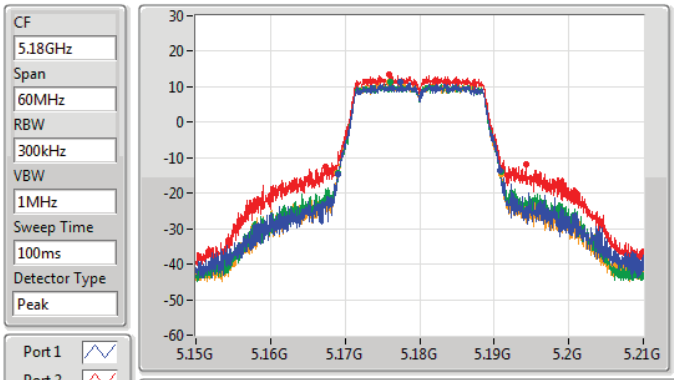
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5510MHz	Pass	Inf	40.5M	37.661M	40.32M	37.613M	40.2M	37.565M	40.2M	37.565M
5550MHz	Pass	Inf	40.32M	37.517M	40.32M	37.421M	40.2M	37.565M	40.32M	37.517M
5670MHz	Pass	Inf	40.32M	37.613M	40.68M	37.517M	40.14M	37.565M	40.32M	37.613M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.931M	33.632M	34.898M	33.632M	35.066M	33.632M	34.999M	33.632M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.69M	4.048M	3.78M	4.063M	3.69M	4.048M	3.72M	4.048M
5755MHz	Pass	500k	37.74M	37.661M	37.74M	37.469M	37.62M	37.565M	36.42M	37.661M
5795MHz	Pass	500k	35.1M	37.565M	35.64M	37.613M	36.36M	37.565M	37.2M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.049M	81.6M	77.049M	81.12M	76.954M	81.72M	76.954M
5290MHz	Pass	Inf	81.12M	77.049M	80.76M	77.049M	81.12M	76.858M	80.76M	76.954M
5530MHz	Pass	Inf	81.36M	77.049M	80.88M	76.954M	81.6M	76.954M	81.36M	77.049M
5610MHz	Pass	Inf	81.36M	76.858M	81.36M	77.049M	81.12M	77.049M	81.24M	77.049M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.815M	73.197M	75.668M	73.123M	76.11M	73.271M	75.815M	73.123M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.765M	4.048M	3.3M	4.078M	3.735M	4.048M	3.195M	4.063M
5775MHz	Pass	500k	75.96M	76.858M	75.12M	77.145M	75.12M	77.049M	76.44M	76.954M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.241M	81.6M	77.601M	81.48M	77.481M	80.88M	77.841M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.32M	77.241M	82.32M	77.481M	82.32M	77.481M	81.96M	77.361M
5570MHz	Pass	Inf	161.76M	154.867M	163.92M	155.058M	162.24M	154.867M	164.4M	155.634M

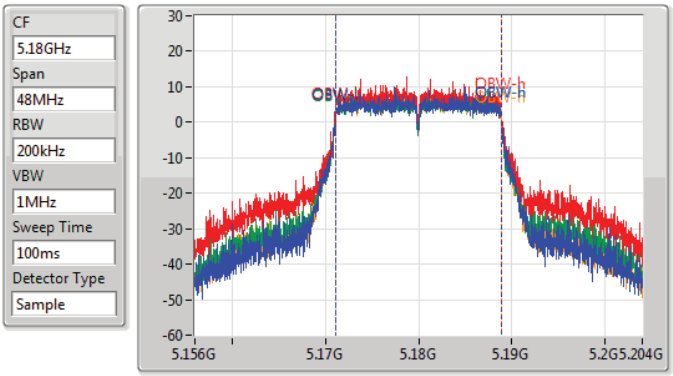
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

29/07/2020



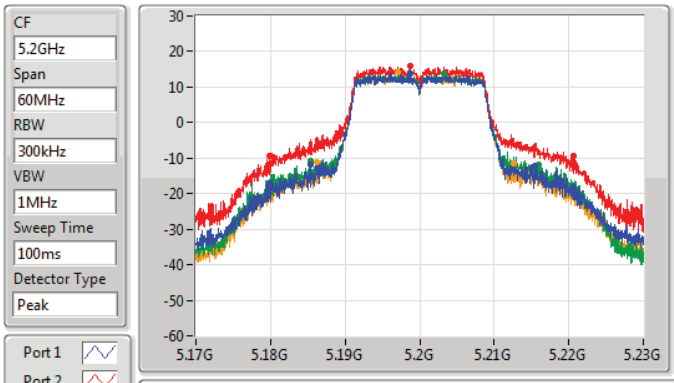


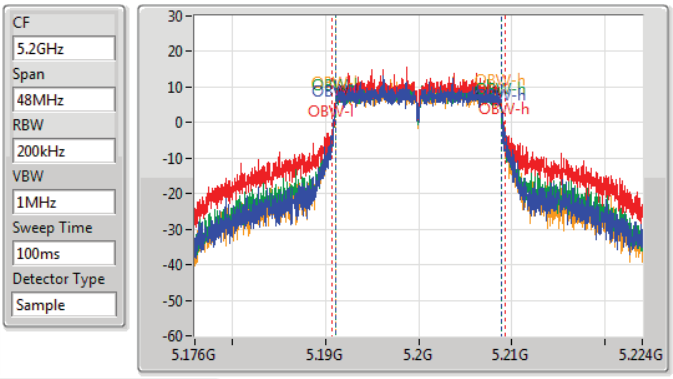
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.16902G	5.19086G	17.751M	5.1711G	5.188852G	Inf	1
26.91M	5.1674G	5.19431G	17.799M	5.1710 76G	5.188876G	Inf	2
21.84M	5.16908G	5.19092G	17.775M	5.171076G	5.188852G	Inf	3
22.02M	5.1689G	5.19092G	17.775M	5.171052G	5.188828G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

29/07/2020



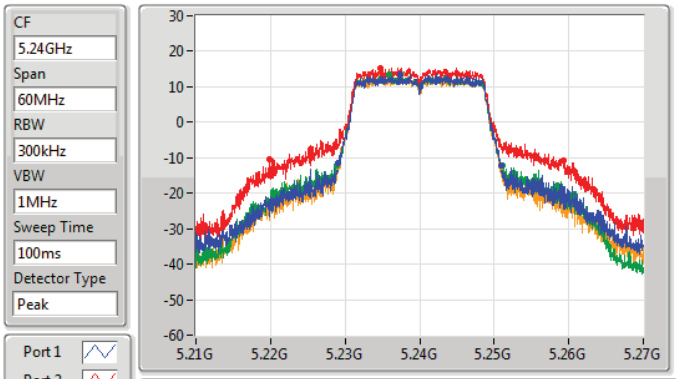


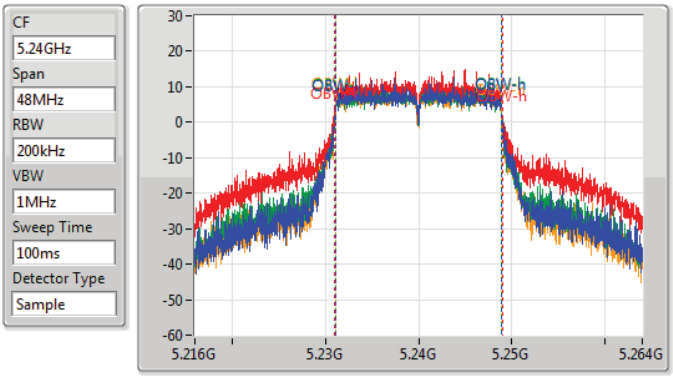
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.12M	5.18542G	5.21554G	17.847M	5.191052G	5.2089G	Inf	1
40.77M	5.17981G	5.22058G	18.495M	5.190741G	5.209235G	Inf	2
30.57M	5.18536G	5.21593G	17.847M	5.191052G	5.2089G	Inf	3
26.46M	5.18617G	5.21263G	17.823M	5.191052G	5.208876G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

29/07/2020



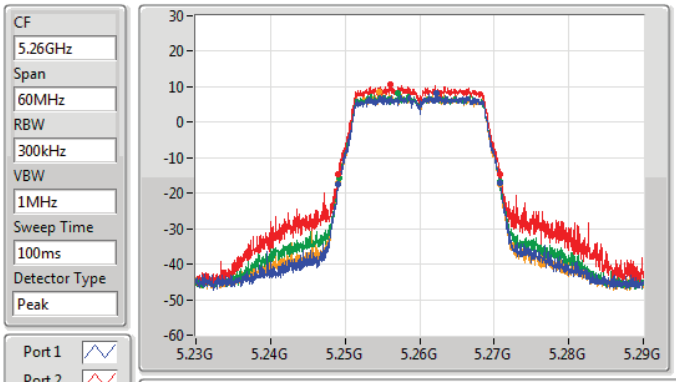


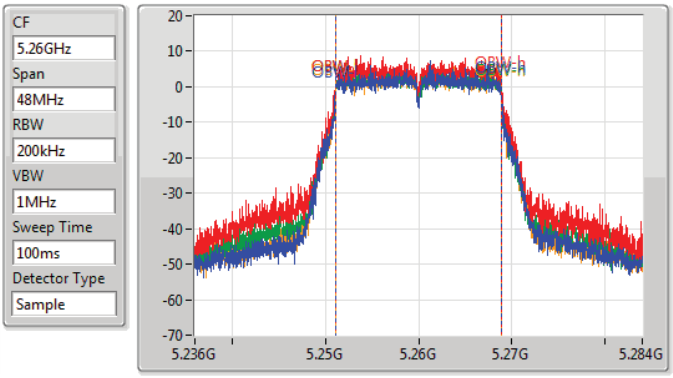
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.22905G	5.25101G	17.775M	5.2311G	5.248876G	Inf	1
39.36M	5.21993G	5.25929G	18.039M	5.230933G	5.248972G	Inf	2
22.26M	5.22881G	5.25107G	17.799M	5.231052G	5.248852G	Inf	3
21.81M	5.22911G	5.25092G	17.775M	5.231076G	5.248852G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

29/07/2020



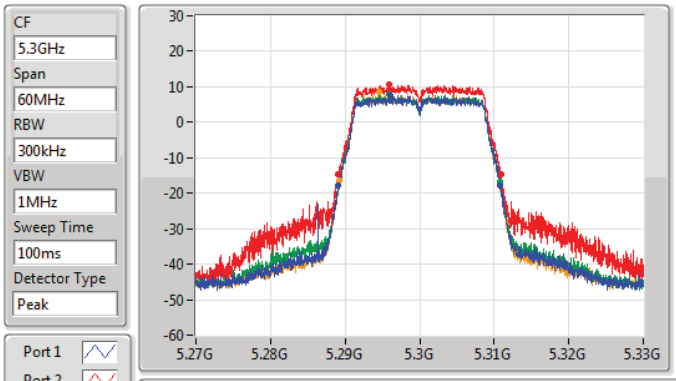


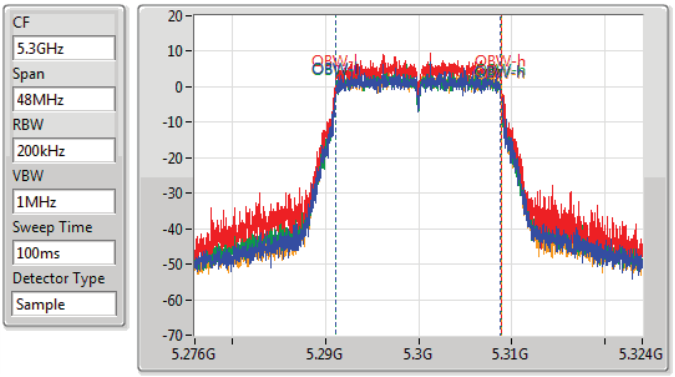
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.24908G	5.27083G	17.727M	5.2511G	5.268828G	Inf	1
21.81M	5.24905G	5.27086G	17.799M	5.251076G	5.268876G	Inf	2
21.66M	5.24914G	5.2708G	17.775M	5.251076G	5.268852G	Inf	3
21.72M	5.24905G	5.27077G	17.775M	5.251076G	5.268852G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

29/07/2020



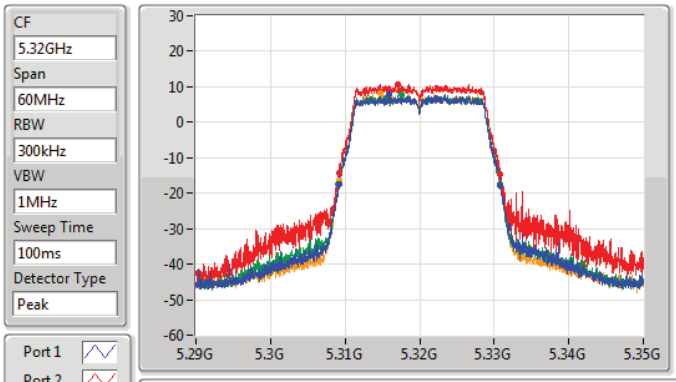


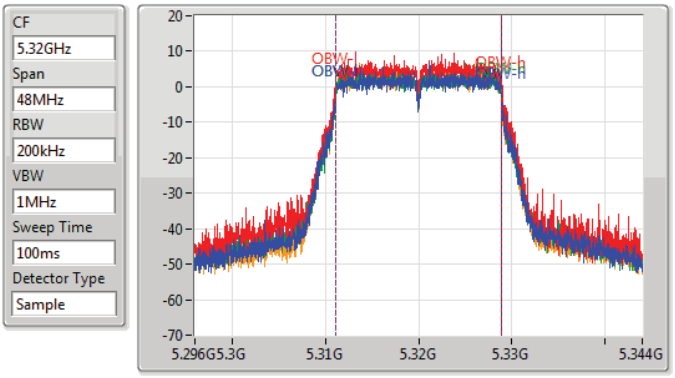
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.28911G	5.31086G	17.703M	5.2911G	5.308804G	Inf	1
21.81M	5.28911G	5.31092G	17.751M	5.2911G	5.308852G	Inf	2
21.78M	5.28905G	5.31083G	17.775M	5.291076G	5.308852G	Inf	3
21.57M	5.2892G	5.31077G	17.751M	5.2911G	5.308852G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

29/07/2020



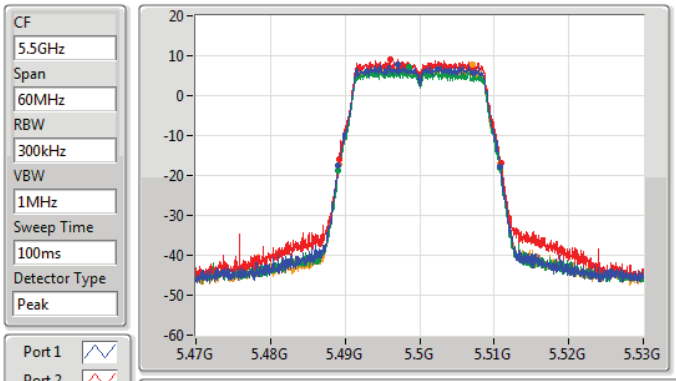


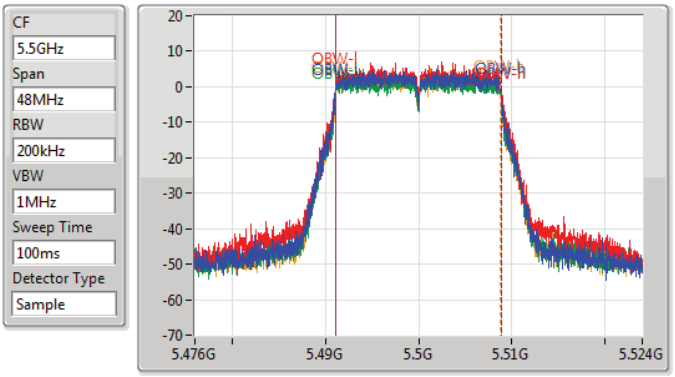
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.30914G	5.33086G	17.751M	5.3111G	5.328852G	Inf	1
21.72M	5.30914G	5.33086G	17.751M	5.311124G	5.328876G	Inf	2
21.84M	5.30902G	5.33086G	17.751M	5.3111G	5.328852G	Inf	3
21.63M	5.30917G	5.3308G	17.727M	5.3111G	5.328828G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

29/07/2020



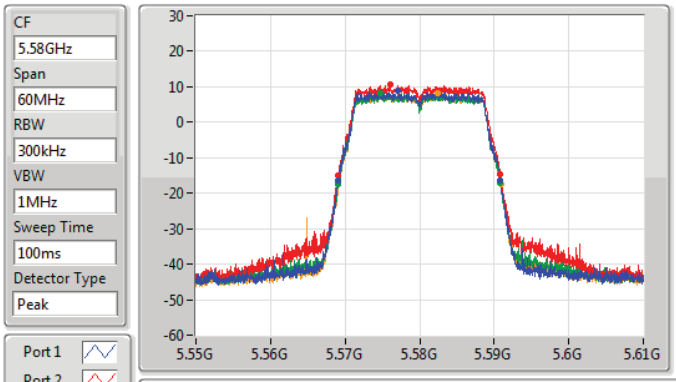


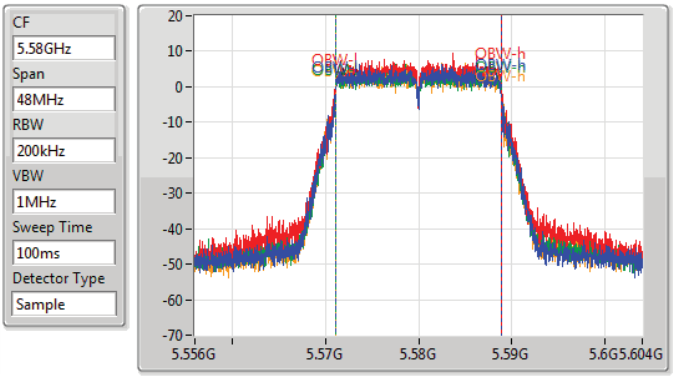
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.48911G	5.51083G	17.727M	5.4911G	5.508828G	Inf	1
21.81M	5.48914G	5.51095G	17.799M	5.491076G	5.508876G	Inf	2
21.72M	5.48911G	5.51083G	17.727M	5.4911G	5.508828G	Inf	3
21.6M	5.48917G	5.51077G	17.703M	5.4911G	5.508804G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

29/07/2020



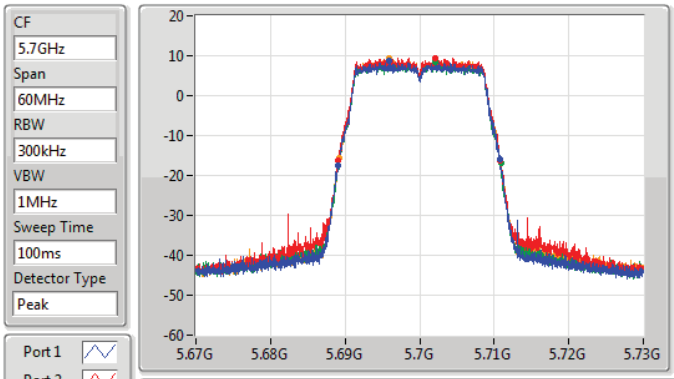


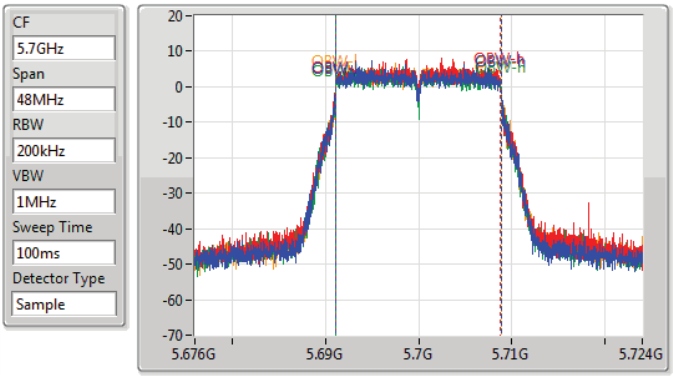
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.56911G	5.5908G	17.727M	5.5711G	5.588828G	Inf	1
21.81M	5.56905G	5.59086G	17.751M	5.5711G	5.588852G	Inf	2
21.87M	5.56899G	5.59086G	17.727M	5.5711G	5.588828G	Inf	3
21.9M	5.56899G	5.59089G	17.799M	5.571052G	5.588852G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

29/07/2020



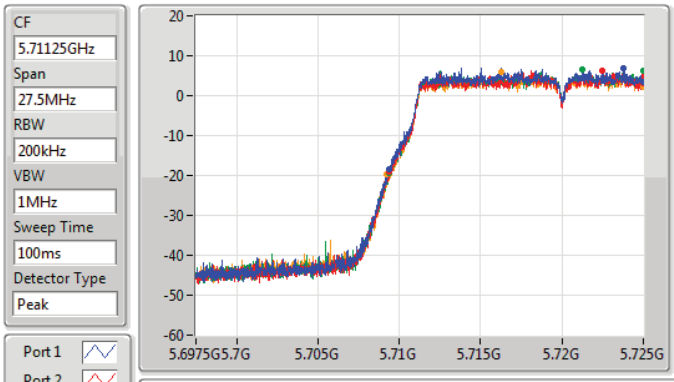


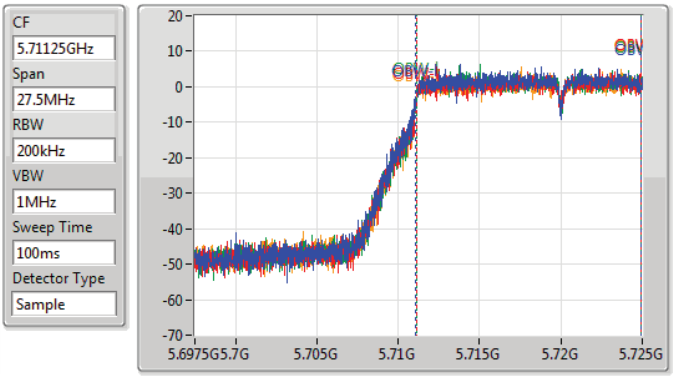
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.68908G	5.71083G	17.775M	5.691076G	5.708852G	Inf	1
21.75M	5.68908G	5.71083G	17.727M	5.691076G	5.708804G	Inf	2
21.87M	5.68905G	5.71092G	17.727M	5.6911G	5.708828G	Inf	3
21.63M	5.68917G	5.7108G	17.727M	5.6911G	5.708828G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/08/2020



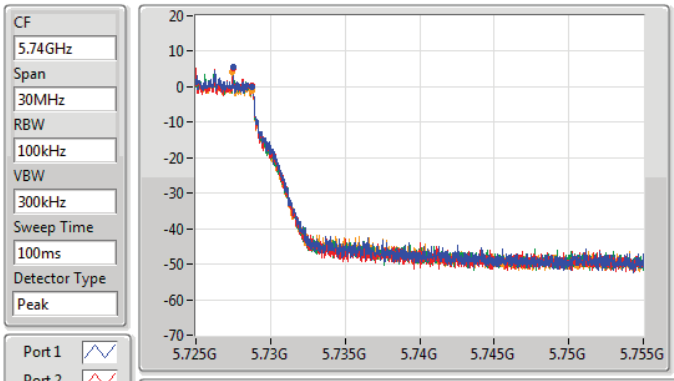


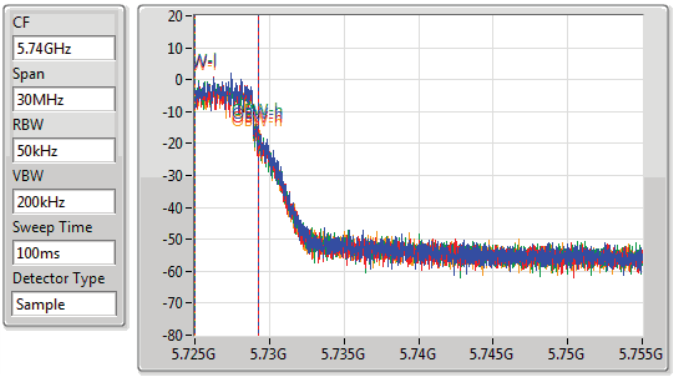
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.661M	5.709339G	5.725G	13.853M	5.711071G	5.724924G	Inf	1
15.648M	5.709353G	5.725G	13.853M	5.711099G	5.724952G	Inf	2
15.648M	5.709353G	5.725G	13.853M	5.711099G	5.724952G	Inf	3
15.771M	5.709229G	5.725G	13.853M	5.711099G	5.724952G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/08/2020



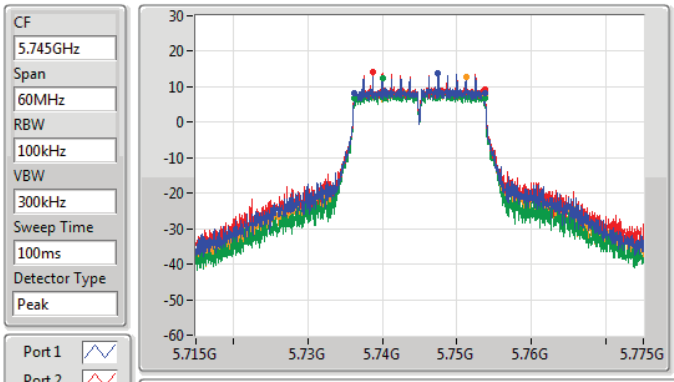


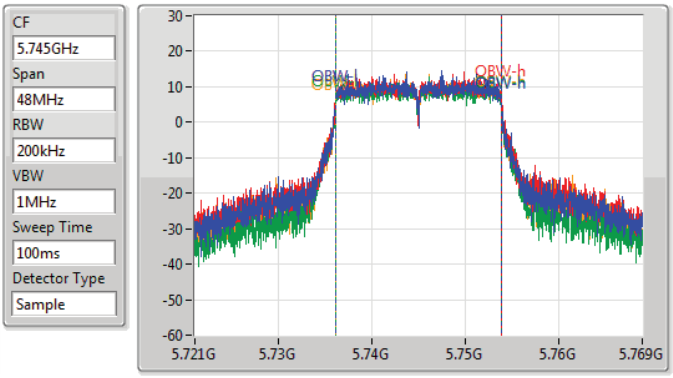
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.228M	5.725007G	5.729235G	500k	1
3.78M	5.725G	5.72878G	4.258M	5.725007G	5.729265G	500k	2
3.765M	5.725G	5.728765G	4.228M	5.725007G	5.729235G	500k	3
3.795M	5.725G	5.728795G	4.243M	5.725022G	5.729265G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

29/07/2020



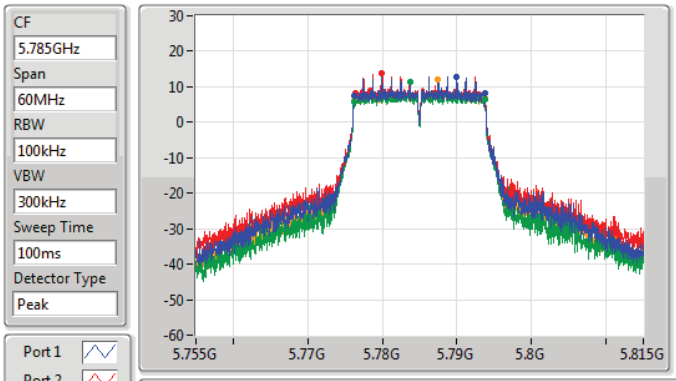


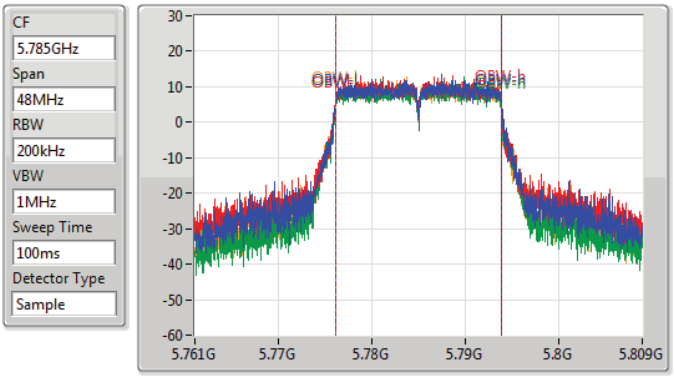
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73621G	5.75376G	17.799M	5.736076G	5.753876G	500k	1
17.52M	5.73624G	5.75376G	17.823M	5.736076G	5.7539G	500k	2
17.55M	5.73621G	5.75376G	17.775M	5.736076G	5.753852G	500k	3
17.58M	5.73618G	5.75376G	17.751M	5.736076G	5.753828G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

29/07/2020



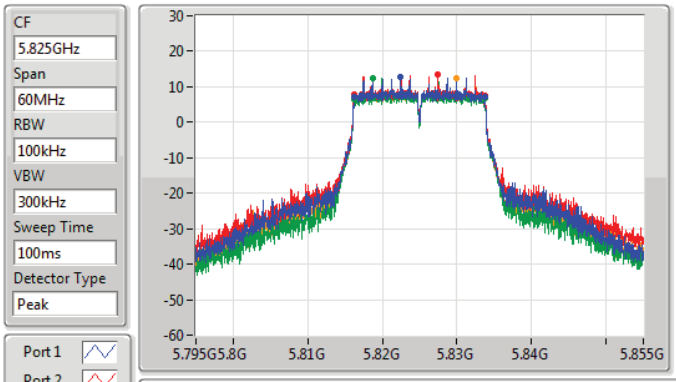


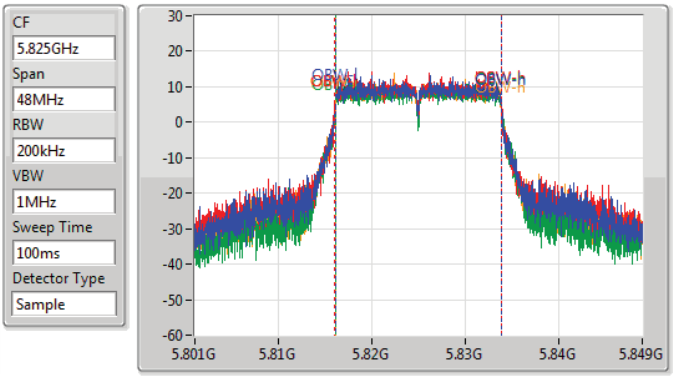
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77621G	5.79376G	17.775M	5.776076G	5.793852G	500k	1
17.31M	5.77645G	5.79376G	17.847M	5.776052G	5.7939G	500k	2
17.58M	5.77618G	5.79376G	17.775M	5.776076G	5.793852G	500k	3
17.58M	5.77618G	5.79376G	17.823M	5.776052G	5.793876G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

29/07/2020



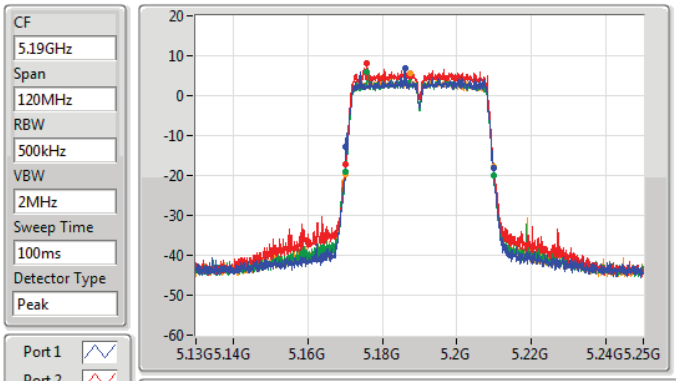


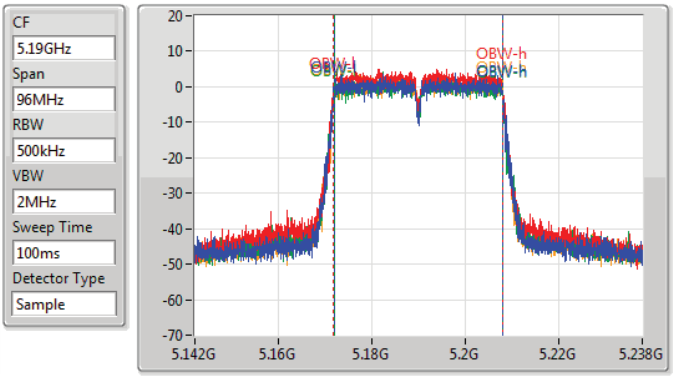
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81621G	5.83376G	17.775M	5.816076G	5.833852G	500k	1
17.52M	5.81621G	5.83373G	17.799M	5.816028G	5.833828G	500k	2
17.52M	5.81624G	5.83376G	17.823M	5.816052G	5.833876G	500k	3
17.58M	5.81618G	5.83376G	17.775M	5.816076G	5.833852G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

29/07/2020



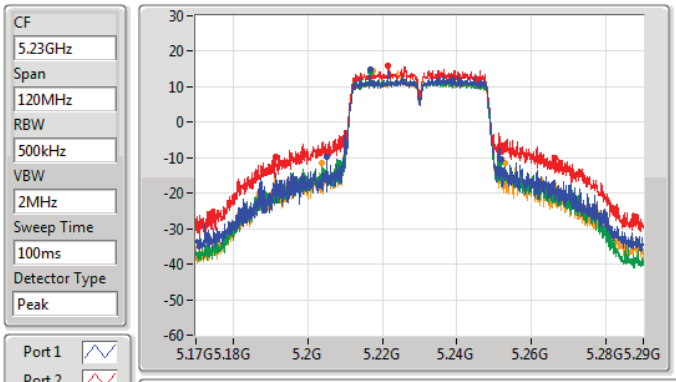


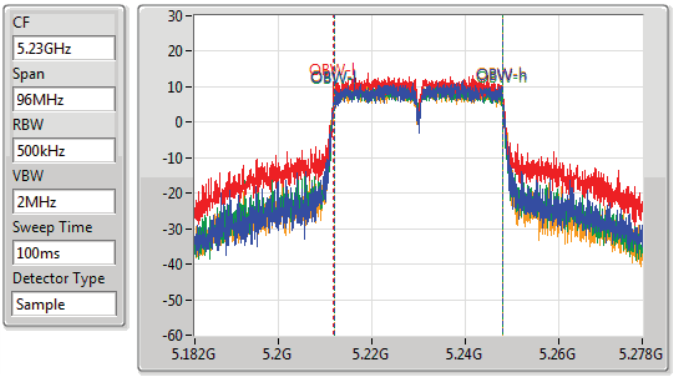
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.17008G	5.20986G	36.222M	5.171817G	5.208039G	Inf	1
39.9M	5.17002G	5.20992G	36.27M	5.171769G	5.208039G	Inf	2
39.84M	5.17014G	5.20998G	36.174M	5.171865G	5.208039G	Inf	3
39.9M	5.16996G	5.20986G	36.222M	5.171817G	5.208039G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

29/07/2020



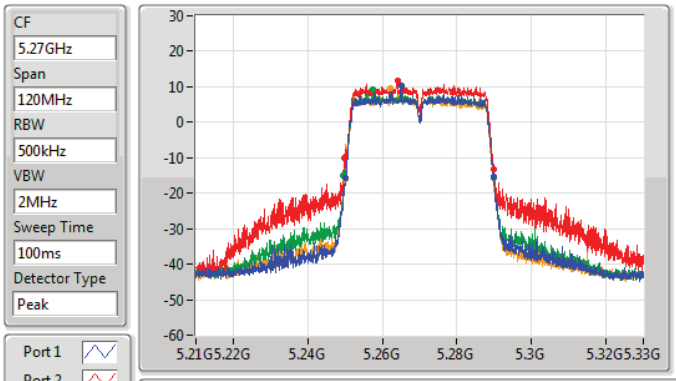


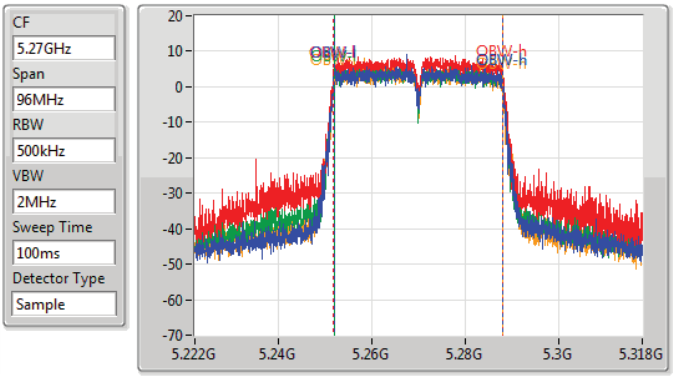
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.62M	5.20522G	5.25184G	36.27M	5.211817G	5.248087G	Inf	1
75.06M	5.19124G	5.2663G	36.558M	5.211625G	5.248183G	Inf	2
42.84M	5.20858G	5.25142G	36.222M	5.211817G	5.248039G	Inf	3
49.2M	5.20378G	5.25298G	36.27M	5.211817G	5.248087G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

29/07/2020



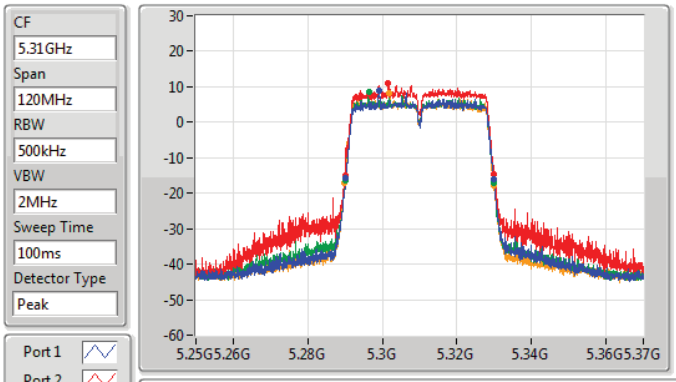


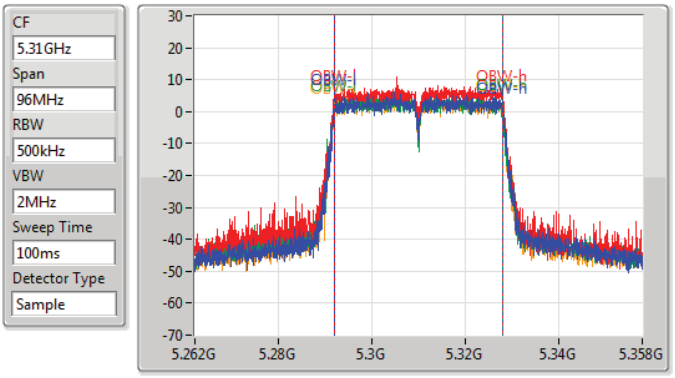
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.25014G	5.2898G	36.222M	5.251817G	5.288039G	Inf	1
40.26M	5.24966G	5.28992G	36.318M	5.251769G	5.288087G	Inf	2
40.32M	5.2496G	5.28992G	36.27M	5.251817G	5.288087G	Inf	3
39.72M	5.25002G	5.28974G	36.174M	5.251817G	5.287991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

29/07/2020



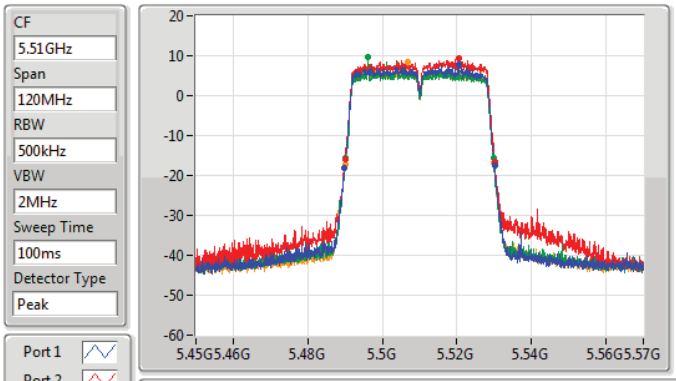


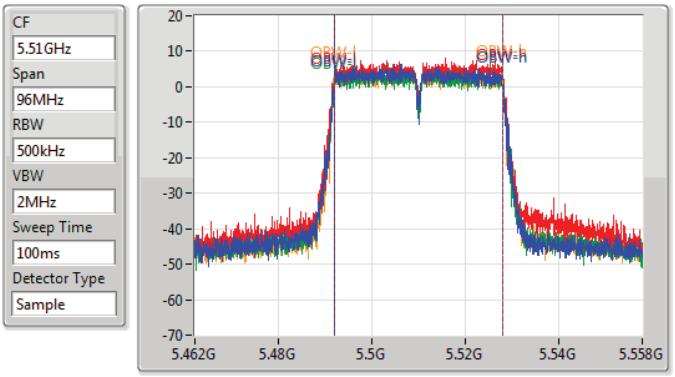
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.29014G	5.32992G	36.222M	5.291865G	5.328087G	Inf	1
40.08M	5.28996G	5.33004G	36.318M	5.291817G	5.328135G	Inf	2
39.84M	5.29008G	5.32992G	36.222M	5.291817G	5.328039G	Inf	3
40.02M	5.2899G	5.32992G	36.174M	5.291817G	5.327991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

29/07/2020



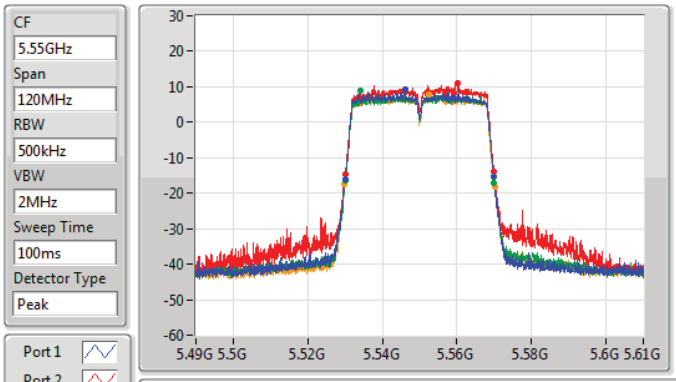


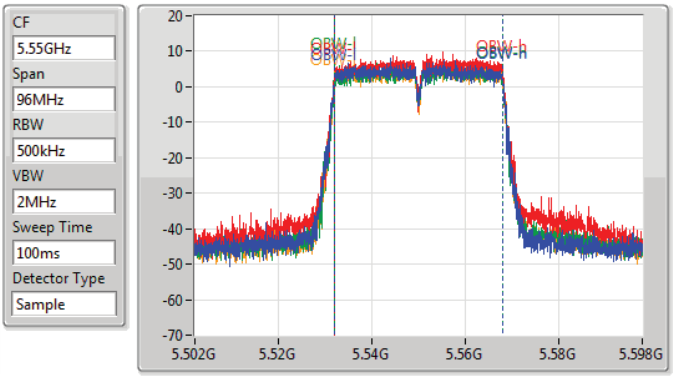
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.4899G	5.5301G	36.222M	5.491865G	5.528087G	Inf	1
40.14M	5.49002G	5.53016G	36.318M	5.491817G	5.528135G	Inf	2
39.6M	5.4902G	5.5298G	36.27M	5.491865G	5.528135G	Inf	3
39.9M	5.48996G	5.52986G	36.318M	5.491817G	5.528135G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

29/07/2020



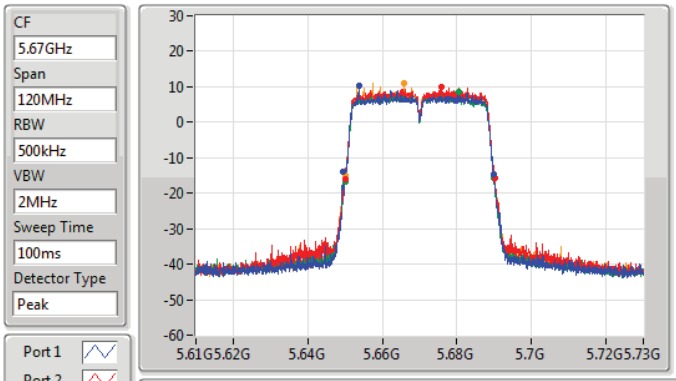


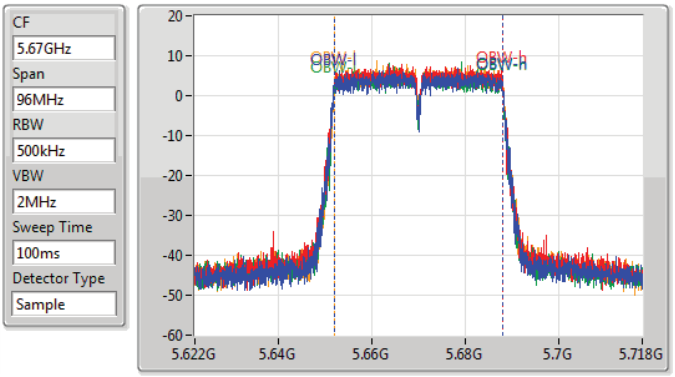
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.53002G	5.56998G	36.174M	5.531913G	5.568087G	Inf	1
39.84M	5.5302G	5.57004G	36.126M	5.531961G	5.568087G	Inf	2
39.96M	5.53002G	5.56998G	36.27M	5.531865G	5.568135G	Inf	3
40.2M	5.5299G	5.5701G	36.174M	5.531913G	5.568087G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

29/07/2020



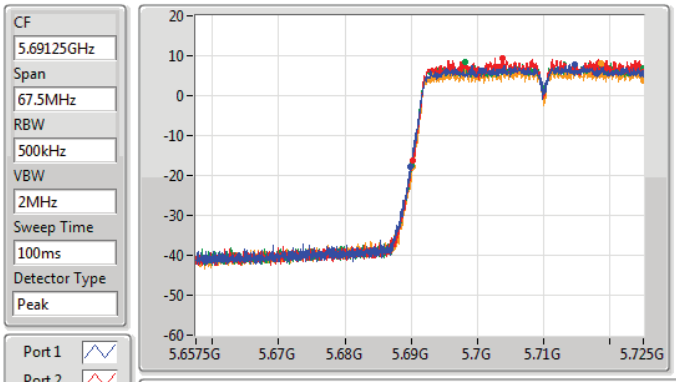


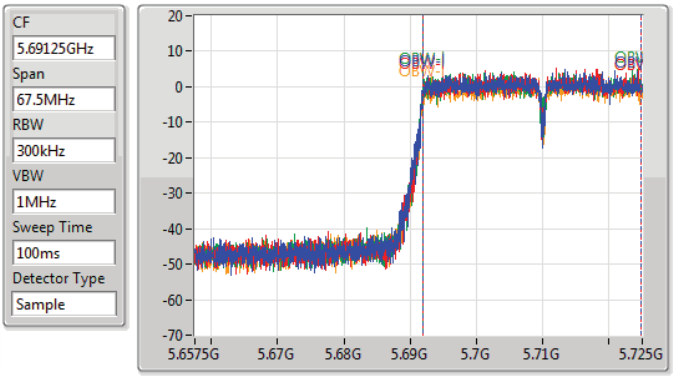
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.64948G	5.68986G	36.27M	5.651817G	5.688087G	Inf	1
40.14M	5.64996G	5.6901G	36.174M	5.651913G	5.688087G	Inf	2
39.96M	5.64996G	5.68992G	36.222M	5.651865G	5.688087G	Inf	3
40.02M	5.64996G	5.68998G	36.174M	5.651913G	5.688087G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/08/2020



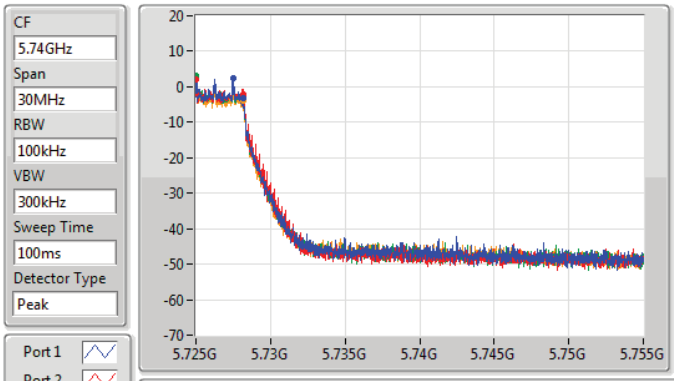


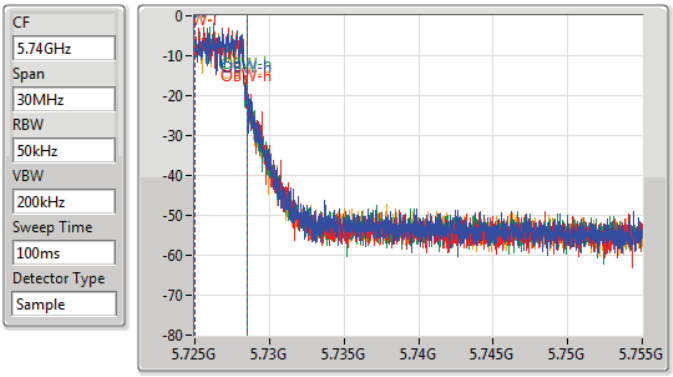
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.6899G	5.725G	32.957M	5.691857G	5.724814G	Inf	1
34.83M	5.69017G	5.725G	32.924M	5.691891G	5.724814G	Inf	2
34.999M	5.690001G	5.725G	32.924M	5.691891G	5.724814G	Inf	3
34.729M	5.690271G	5.725G	32.924M	5.691891G	5.724814G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/08/2020



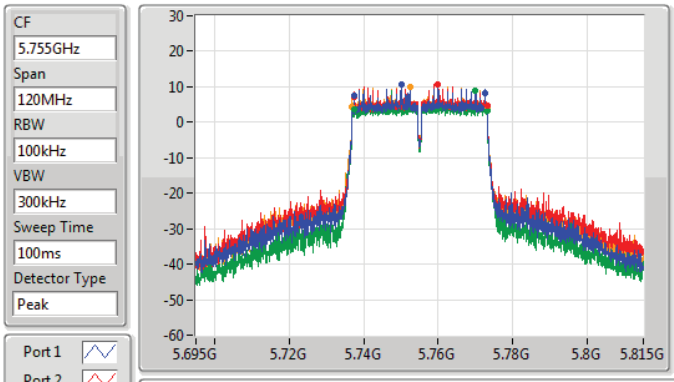


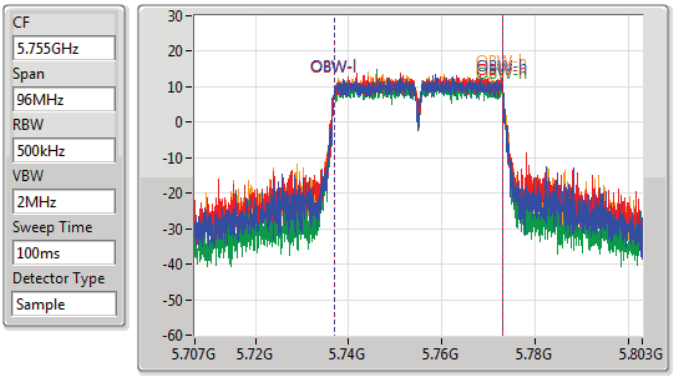
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	3.508M	5.725007G	5.728516G	500k	1
3.165M	5.725G	5.728165G	3.508M	5.725037G	5.728546G	500k	2
3.15M	5.725G	5.72815G	3.508M	5.725022G	5.728531G	500k	3
3.165M	5.725G	5.728165G	3.493M	5.725007G	5.728501G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

29/07/2020



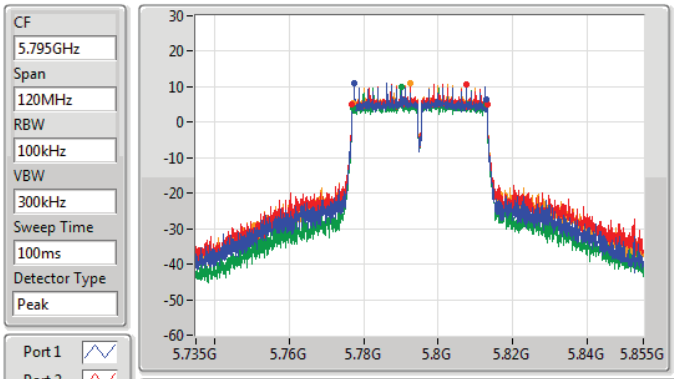


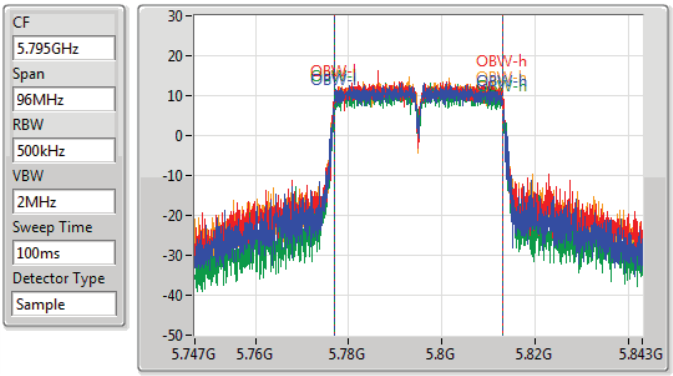
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.73748G	5.77258G	36.27M	5.736865G	5.773135G	500k	1
35.7M	5.73748G	5.77318G	36.27M	5.736865G	5.773135G	500k	2
35.76M	5.73736G	5.77312G	36.27M	5.736865G	5.773135G	500k	3
36.36M	5.73682G	5.77318G	36.174M	5.736913G	5.773087G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

29/07/2020



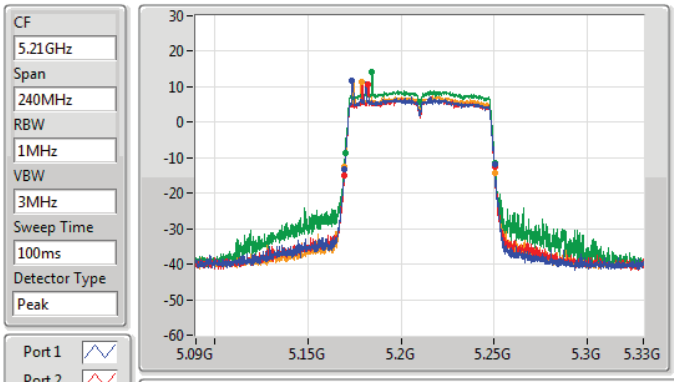


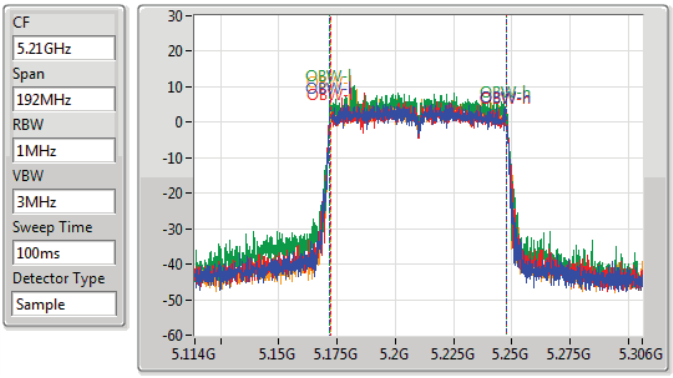
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.77748G	5.81276G	36.27M	5.776865G	5.813135G	500k	1
36.3M	5.77688G	5.81318G	36.27M	5.776865G	5.813135G	500k	2
35.76M	5.77712G	5.81288G	36.174M	5.776913G	5.813087G	500k	3
36.06M	5.77712G	5.81318G	36.318M	5.776817G	5.813135G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

29/07/2020



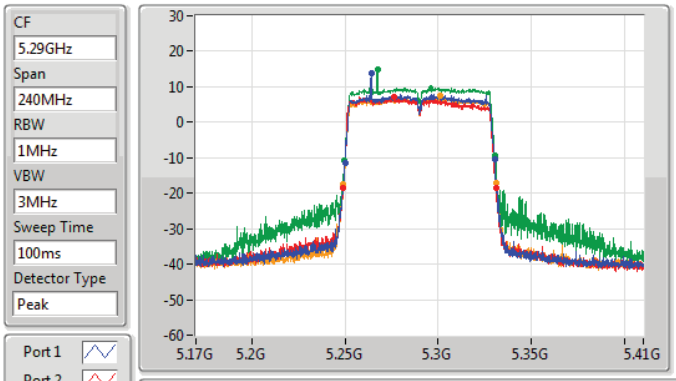


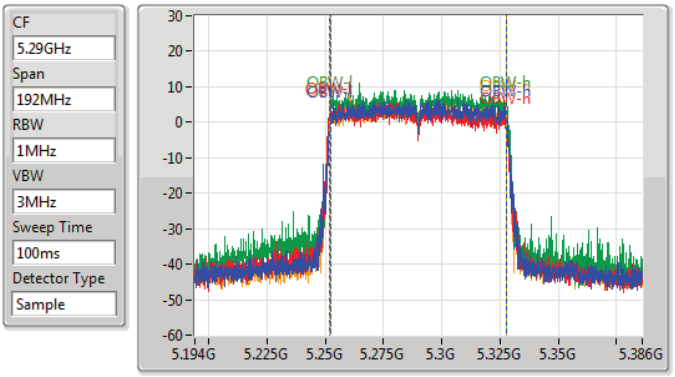
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.1698G	5.2502G	75.898M	5.171811G	5.247709G	Inf	1
80.64M	5.16968G	5.25032G	75.61M	5.172099G	5.247709G	Inf	2
80.4M	5.16992G	5.25032G	75.706M	5.172003G	5.247709G	Inf	3
80.76M	5.1698G	5.25056G	75.706M	5.172099G	5.247805G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

29/07/2020



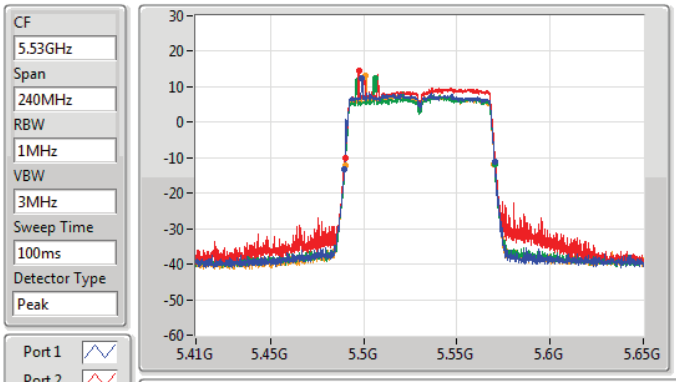


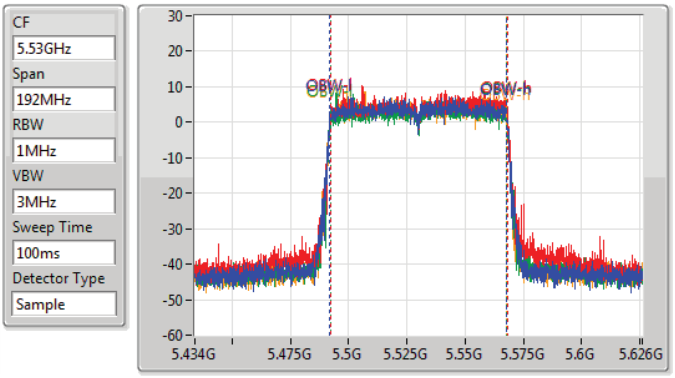
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.28M	5.24992G	5.3302G	75.706M	5.252099G	5.327805G	Inf	1
81.84M	5.24896G	5.3308G	75.898M	5.251715G	5.327613G	Inf	2
80.76M	5.24968G	5.33044G	75.802M	5.252099G	5.327901G	Inf	3
81.96M	5.24908G	5.33104G	75.802M	5.252003G	5.327805G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

29/07/2020



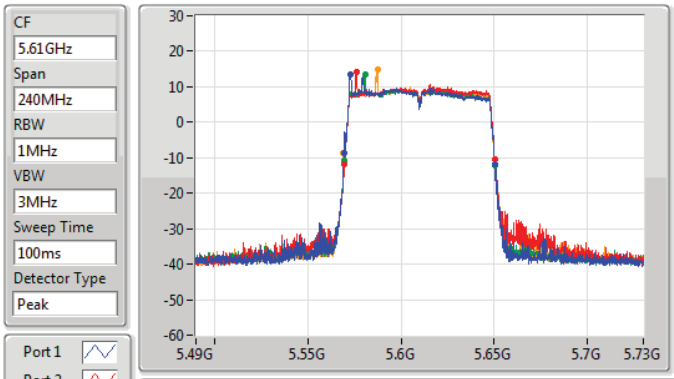


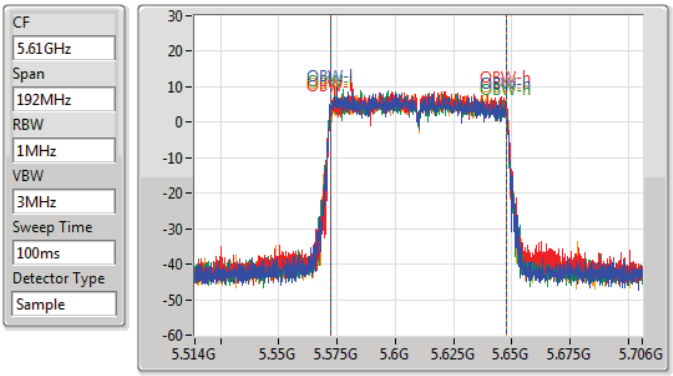
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.88M	5.48956G	5.57044G	75.802M	5.492003G	5.567805G	Inf	1
80.64M	5.48992G	5.57056G	75.706M	5.492291G	5.567997G	Inf	2
80.52M	5.4898G	5.57032G	75.706M	5.492195G	5.567901G	Inf	3
80.16M	5.48992G	5.57008G	75.514M	5.492195G	5.567709G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

29/07/2020



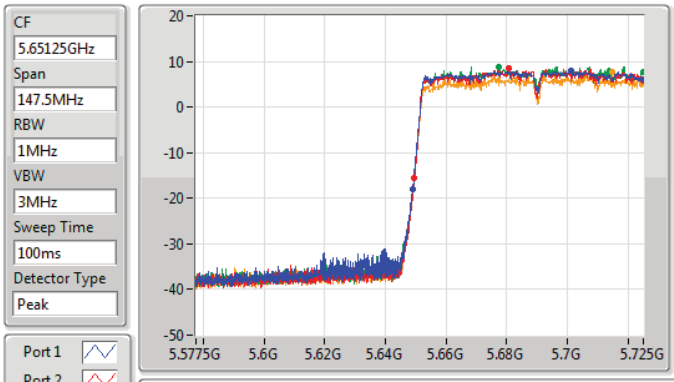


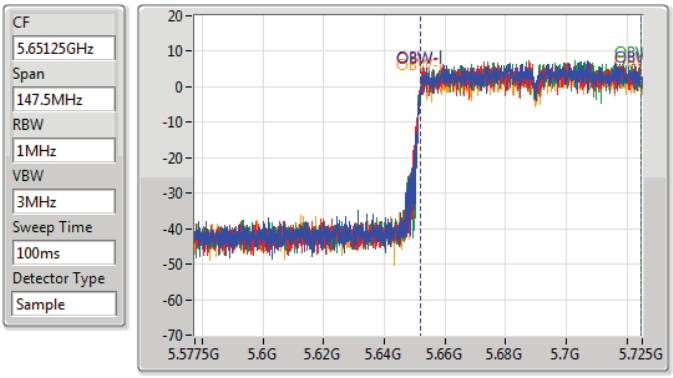
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.56932G	5.65056G	75.61M	5.572099G	5.647709G	Inf	1
80.88M	5.56968G	5.65056G	75.61M	5.572195G	5.647805G	Inf	2
80.88M	5.56968G	5.65056G	75.61M	5.572099G	5.647709G	Inf	3
81M	5.5692G	5.6502G	75.706M	5.572195G	5.647901G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/08/2020



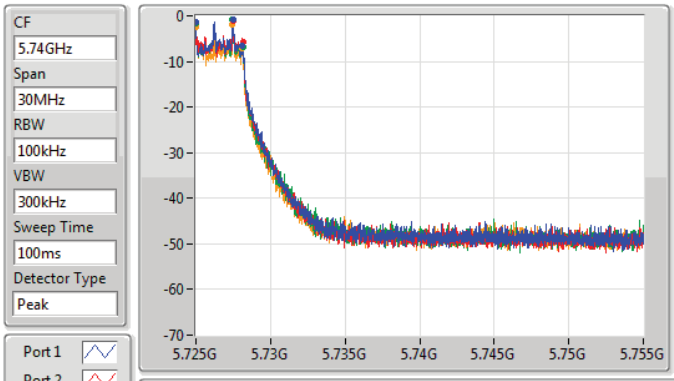


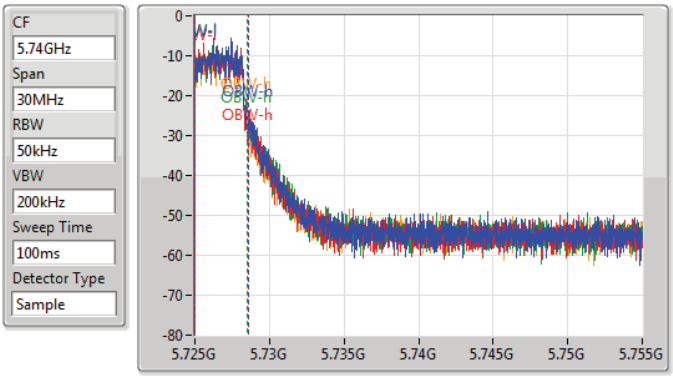
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.036M	5.648964G	5.725G	72.46M	5.652061G	5.724521G	Inf	1
75.741M	5.649259G	5.725G	72.46M	5.652061G	5.724521G	Inf	2
75.594M	5.649406G	5.725G	72.534M	5.652061G	5.724595G	Inf	3
75.889M	5.649111G	5.725G	72.46M	5.652061G	5.724521G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

04/08/2020



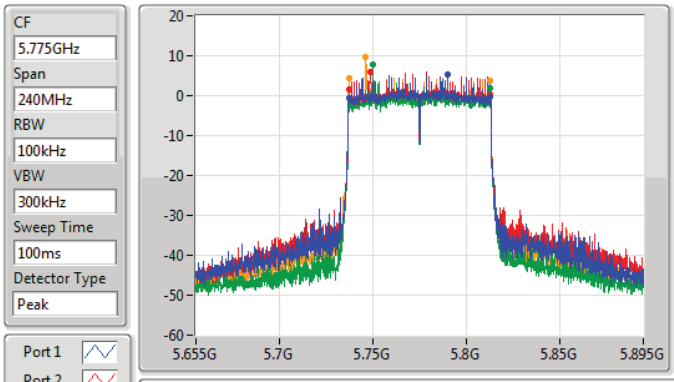


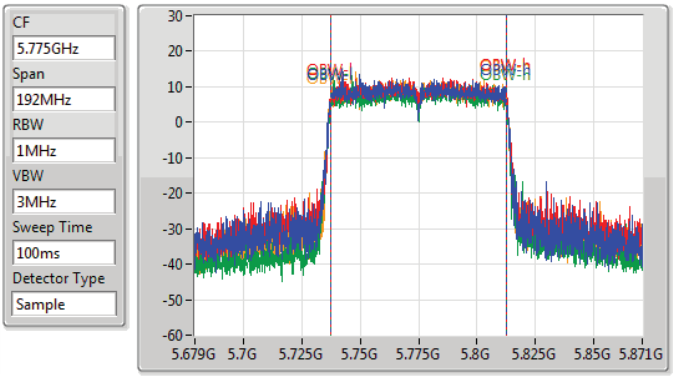
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.105M	5.725G	5.728105G	3.553M	5.725022G	5.728576G	500k	1
3.135M	5.725G	5.728135G	3.568M	5.725022G	5.728591G	500k	2
3.135M	5.725G	5.728135G	3.538M	5.725007G	5.728546G	500k	3
3.105M	5.725G	5.728105G	3.463M	5.725007G	5.728471G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

29/07/2020



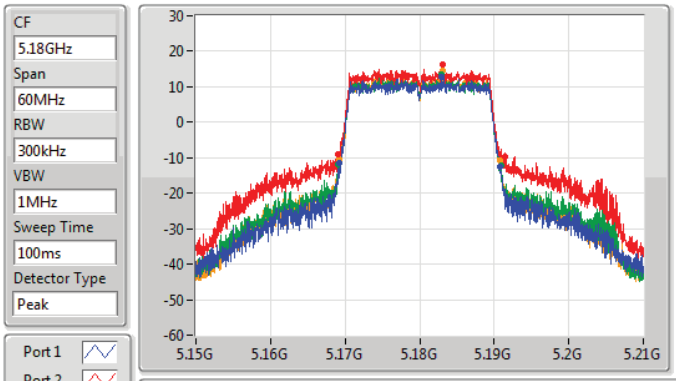


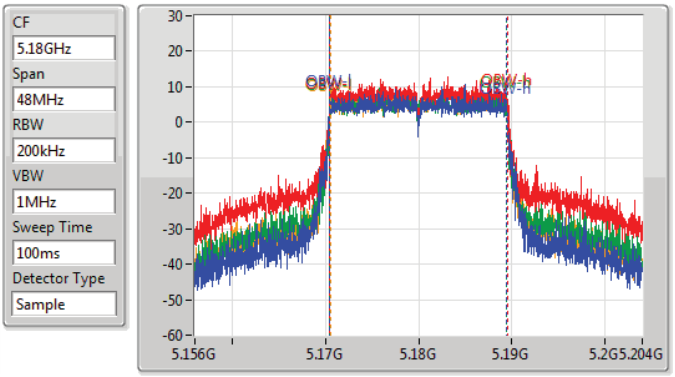
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.72M	5.73708G	5.8128G	75.514M	5.737195G	5.812709G	500k	1
75.12M	5.73744G	5.81256G	75.706M	5.737195G	5.812901G	500k	2
62.64M	5.74992G	5.81256G	75.706M	5.737099G	5.812805G	500k	3
75.36M	5.7372G	5.81256G	75.706M	5.737099G	5.812805G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

28/07/2020



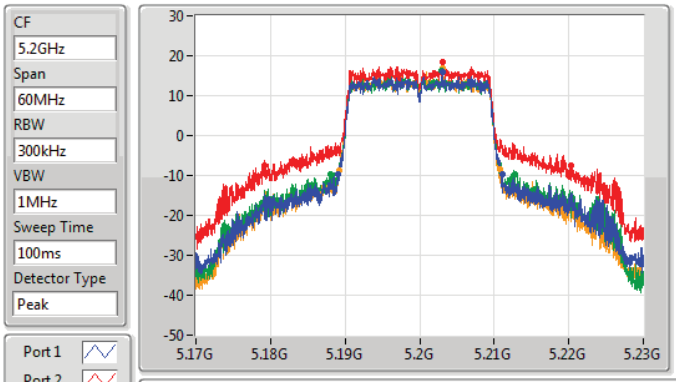


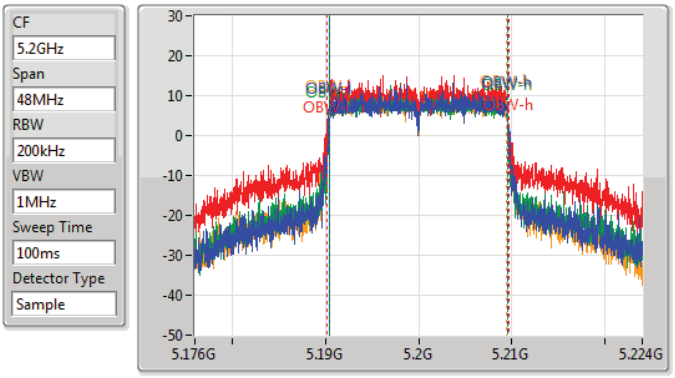
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.1692G	5.19083G	18.975M	5.170501G	5.189475G	Inf	1
22.41M	5.16911G	5.19152G	18.999M	5.170501G	5.189499G	Inf	2
21.78M	5.16911G	5.19089G	18.951M	5.170501G	5.189451G	Inf	3
21.45M	5.16926G	5.19071G	18.951M	5.170525G	5.189475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

28/07/2020



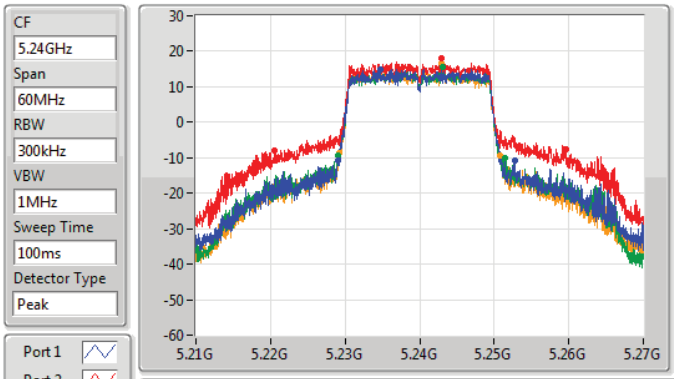


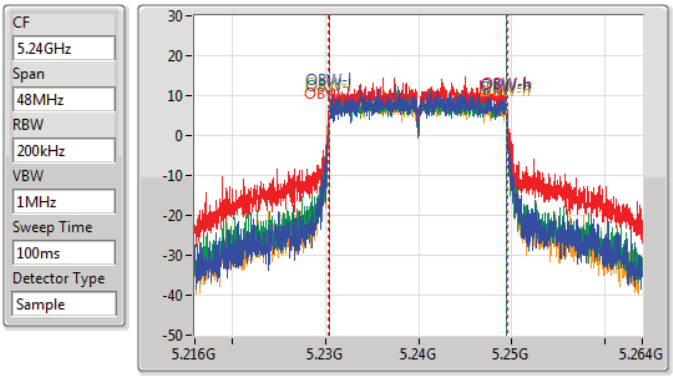
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.18911G	5.21104G	19.046M	5.190453G	5.209499G	Inf	1
41.16M	5.17915G	5.22031G	19.502M	5.190189G	5.209691G	Inf	2
24.66M	5.18812G	5.21278G	19.046M	5.190477G	5.209523G	Inf	3
21.66M	5.1892G	5.21086G	18.999M	5.190453G	5.209451G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

28/07/2020



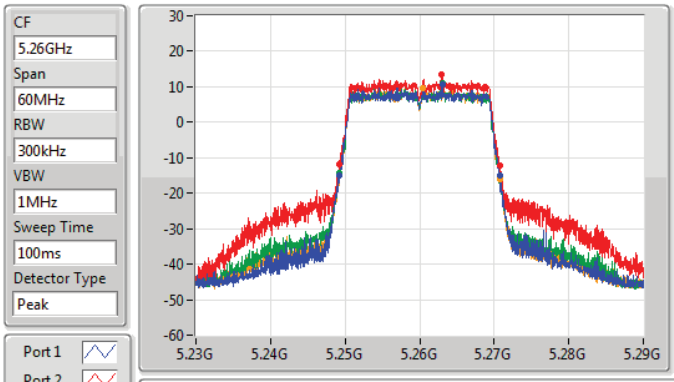


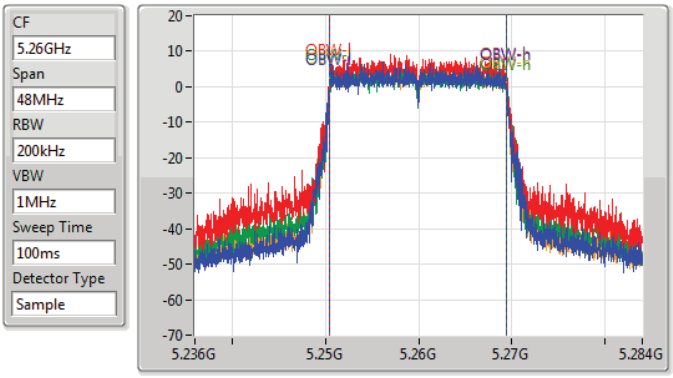
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.67M	5.22905G	5.25272G	18.975M	5.230501G	5.249475G	Inf	1
38.97M	5.22059G	5.25956G	19.19M	5.230357G	5.249547G	Inf	2
22.32M	5.22908G	5.2514G	18.999M	5.230453G	5.249451G	Inf	3
21.57M	5.22926G	5.25083G	18.999M	5.230477G	5.249475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

28/07/2020



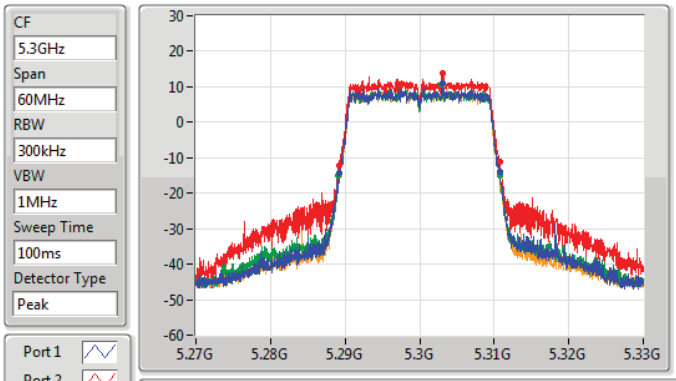


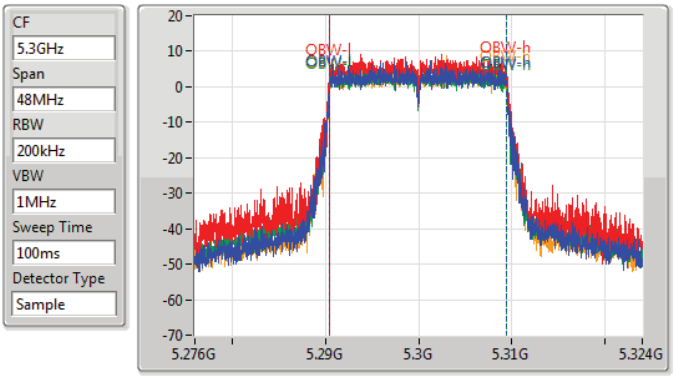
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.24914G	5.27074G	18.975M	5.250477G	5.269451G	Inf	1
21.6M	5.2492G	5.2708G	18.975M	5.250477G	5.269451G	Inf	2
21.57M	5.2492G	5.27077G	18.999M	5.250453G	5.269451G	Inf	3
21.69M	5.24917G	5.27086G	18.975M	5.250477G	5.269451G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

28/07/2020



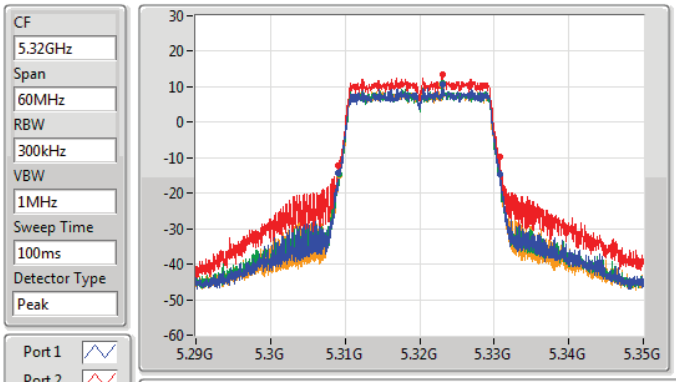


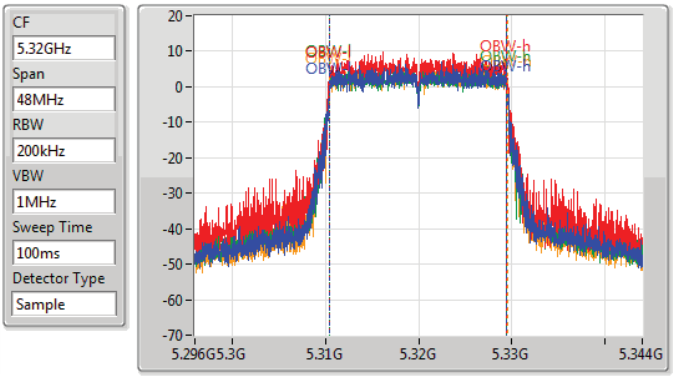
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.28914G	5.31071G	18.975M	5.290477G	5.309451G	Inf	1
21.51M	5.2892G	5.31071G	19.022M	5.290453G	5.309475G	Inf	2
21.66M	5.28911G	5.31077G	18.975M	5.290477G	5.309451G	Inf	3
21.6M	5.28914G	5.31074G	18.951M	5.290501G	5.309451G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

28/07/2020





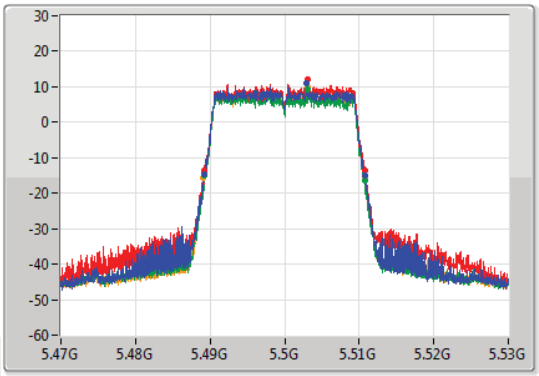
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.30911G	5.33077G	18.975M	5.310477G	5.329451G	Inf	1
21.75M	5.30908G	5.33083G	18.999M	5.310477G	5.329475G	Inf	2
21.57M	5.30917G	5.33074G	19.022M	5.310453G	5.329475G	Inf	3
21.54M	5.3092G	5.33074G	19.022M	5.310477G	5.329499G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

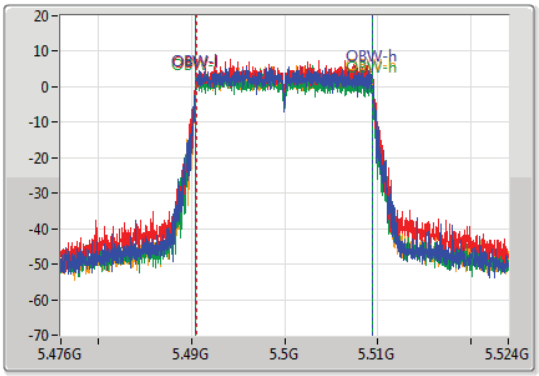
5500MHz

28/07/2020

CF 5.5GHz
Span 60MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



CF 5.5GHz
Span 48MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

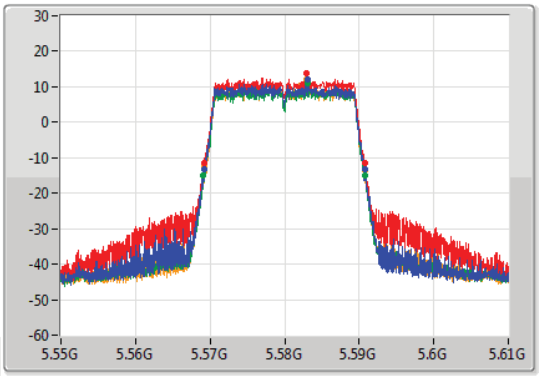
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.48914G	5.51077G	18.999M	5.490477G	5.509475G	Inf	1
21.57M	5.4892G	5.51077G	18.951M	5.490525G	5.509475G	Inf	2
21.6M	5.4892G	5.5108G	18.999M	5.490453G	5.509451G	Inf	3
21.69M	5.48911G	5.5108G	18.975M	5.490477G	5.509451G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

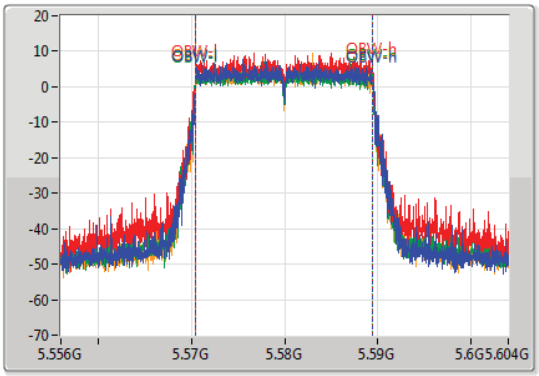
5580MHz

28/07/2020

CF 5.58GHz
Span 60MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



CF 5.58GHz
Span 48MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Sample



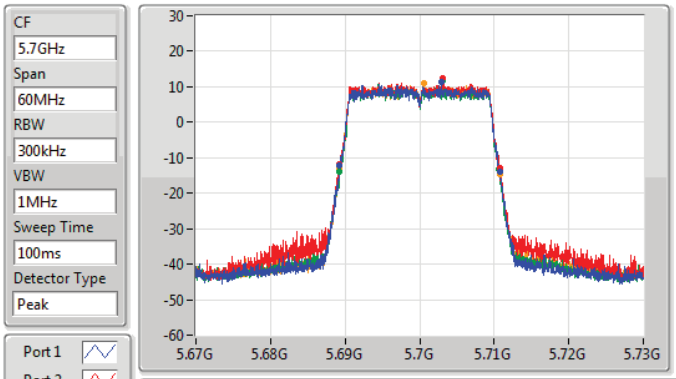
Port 1
Port 2
Port 3
Port 4

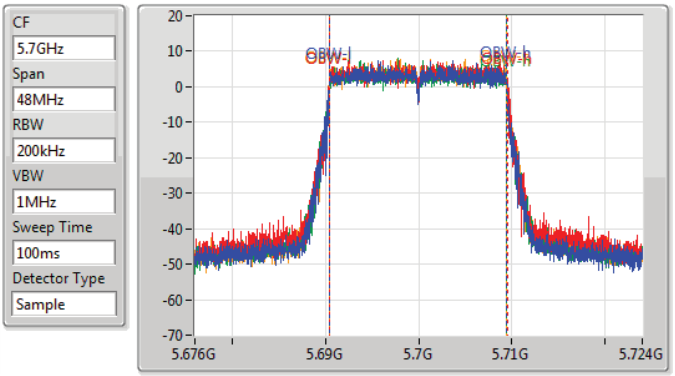
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.56917G	5.59071G	18.999M	5.570477G	5.589475G	Inf	1
21.54M	5.5692G	5.59074G	18.951M	5.570501G	5.589451G	Inf	2
21.69M	5.56911G	5.5908G	18.999M	5.570453G	5.589451G	Inf	3
21.42M	5.56929G	5.59071G	18.951M	5.570501G	5.589451G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

28/07/2020



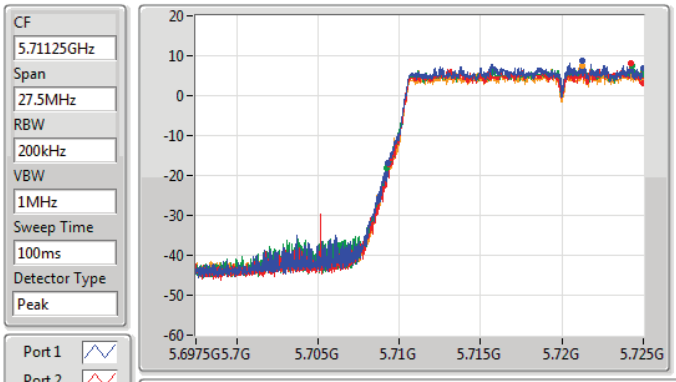


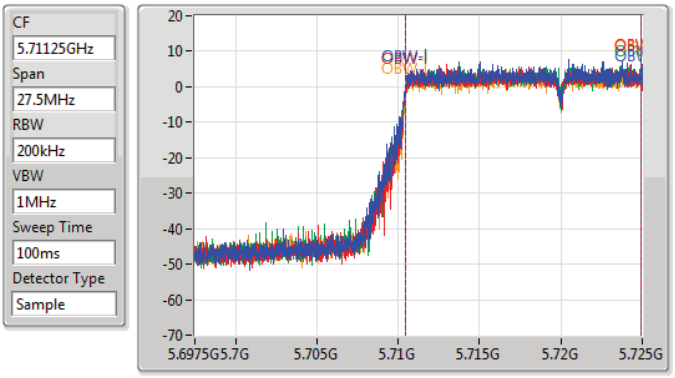
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68926G	5.71077G	18.975M	5.690477G	5.709451G	Inf	1
21.48M	5.68926G	5.71074G	19.022M	5.690477G	5.709499G	Inf	2
21.48M	5.6892G	5.71068G	18.999M	5.690477G	5.709475G	Inf	3
21.63M	5.68923G	5.71086G	18.975M	5.690501G	5.709475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/08/2020



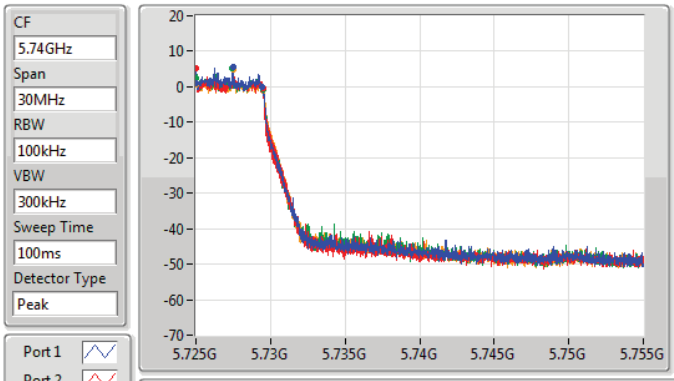


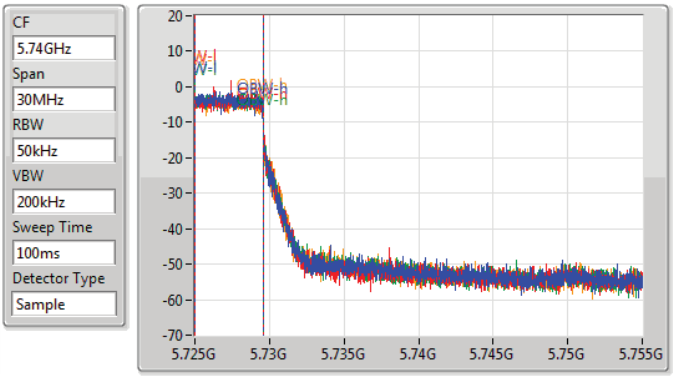
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.716M	5.709284G	5.725G	14.472M	5.710467G	5.724938G	Inf	1
15.62M	5.70938G	5.725G	14.458M	5.710467G	5.724924G	Inf	2
15.771M	5.709229G	5.725G	14.458M	5.710467G	5.724924G	Inf	3
15.661M	5.709339G	5.725G	14.458M	5.710467G	5.724924G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/08/2020



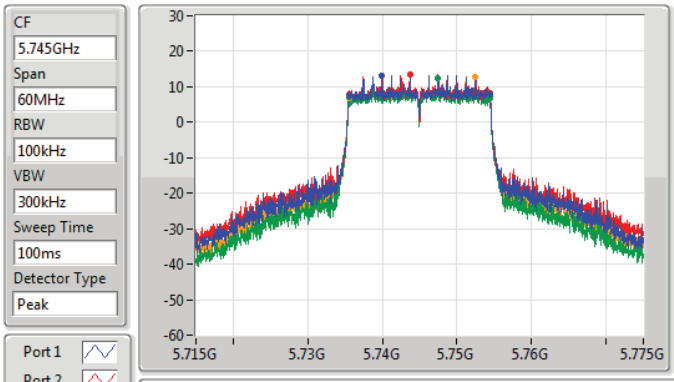


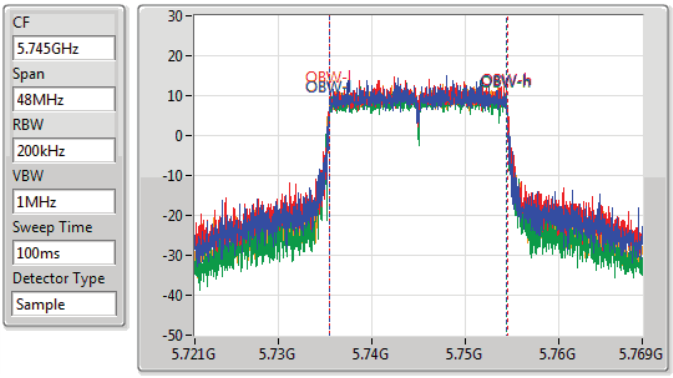
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	4.543M	5.725022G	5.729565G	500k	1
4.485M	5.725G	5.729485G	4.558M	5.725007G	5.729565G	500k	2
4.485M	5.725G	5.729485G	4.573M	5.725007G	5.72958G	500k	3
4.485M	5.725G	5.729485G	4.573M	5.725007G	5.72958G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

28/07/2020



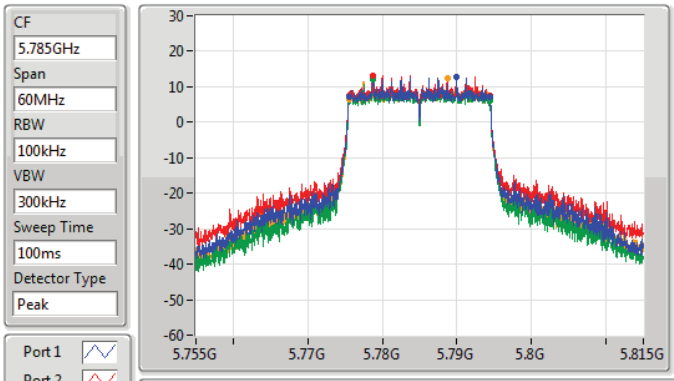


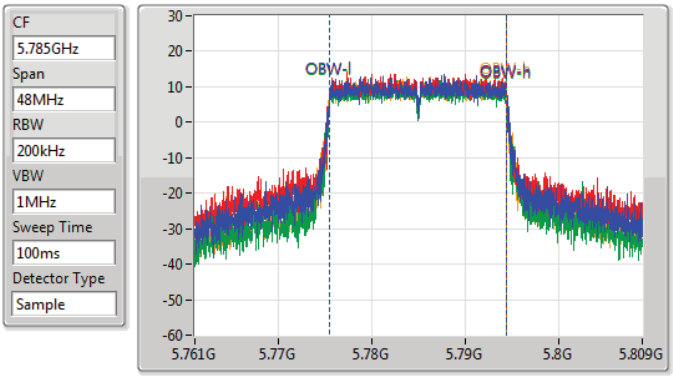
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73555G	5.75445G	18.999M	5.735453G	5.754451G	500k	1
18.96M	5.73549G	5.75445G	19.046M	5.735453G	5.754499G	500k	2
18.87M	5.73558G	5.75445G	18.975M	5.735501G	5.754475G	500k	3
18.93M	5.73549G	5.75442G	18.999M	5.735477G	5.754475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

28/07/2020



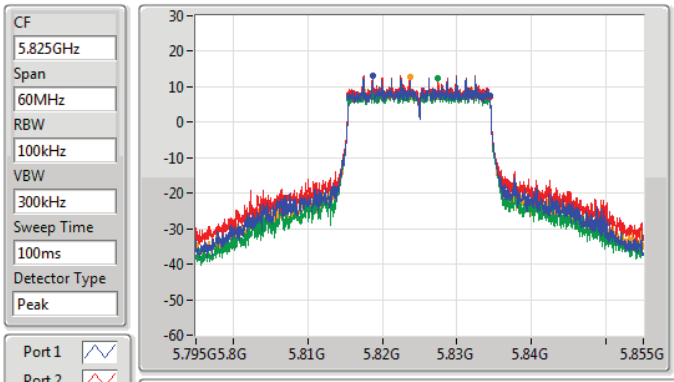


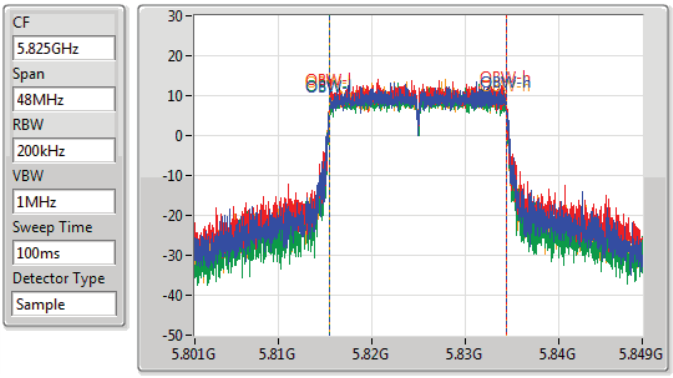
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.77552G	5.79436G	19.022M	5.775453G	5.794475G	500k	1
18.9M	5.77552G	5.79442G	18.975M	5.775477G	5.794451G	500k	2
18.84M	5.77558G	5.79442G	19.022M	5.775453G	5.794475G	500k	3
18.93M	5.77555G	5.79448G	19.022M	5.775453G	5.794475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

28/07/2020



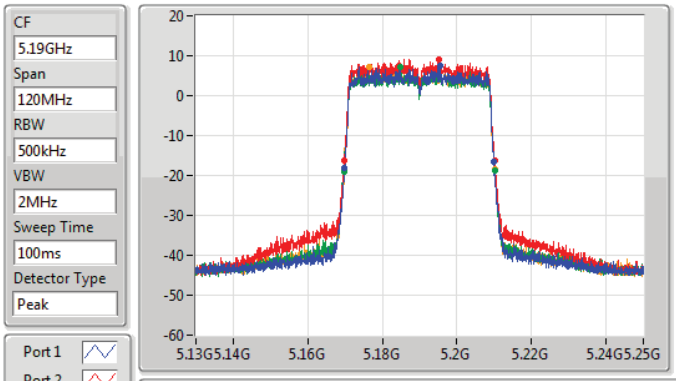


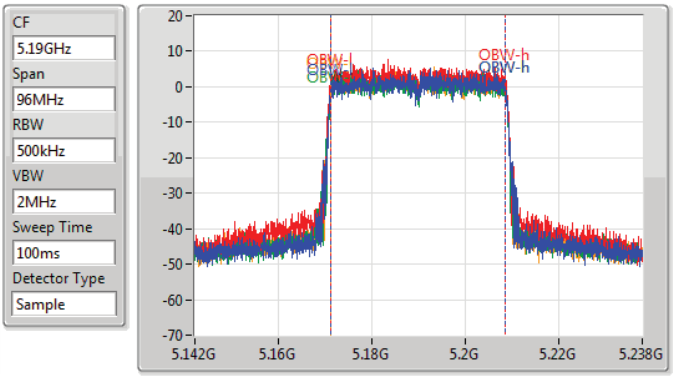
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81549G	5.83445G	19.022M	5.815453G	5.834475G	500k	1
18.96M	5.81549G	5.83445G	18.999M	5.815453G	5.834451G	500k	2
18.81M	5.81561G	5.83442G	18.975M	5.815477G	5.834451G	500k	3
18.9M	5.81549G	5.83439G	19.046M	5.815429G	5.834475G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

28/07/2020



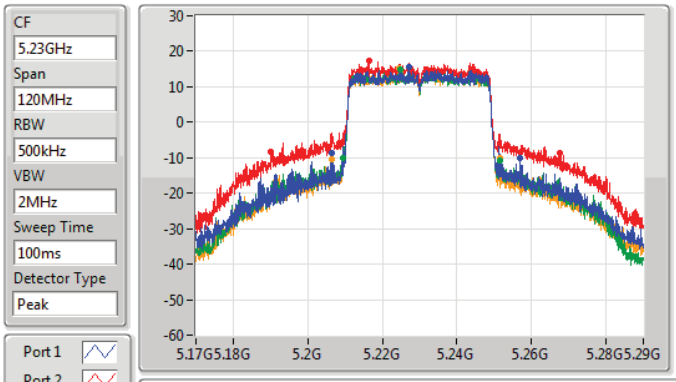


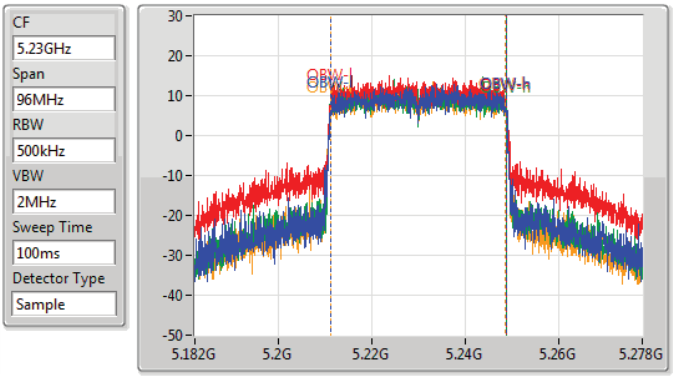
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.16978G	5.20998G	37.421M	5.171241G	5.208663G	Inf	1
40.26M	5.16984G	5.2101G	37.613M	5.171097G	5.208711G	Inf	2
40.44M	5.16966G	5.2101G	37.517M	5.171193G	5.208711G	Inf	3
40.32M	5.16978G	5.2101G	37.565M	5.171145G	5.208711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

28/07/2020



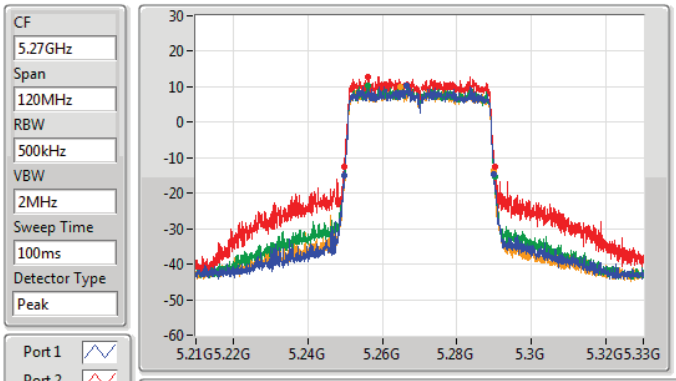


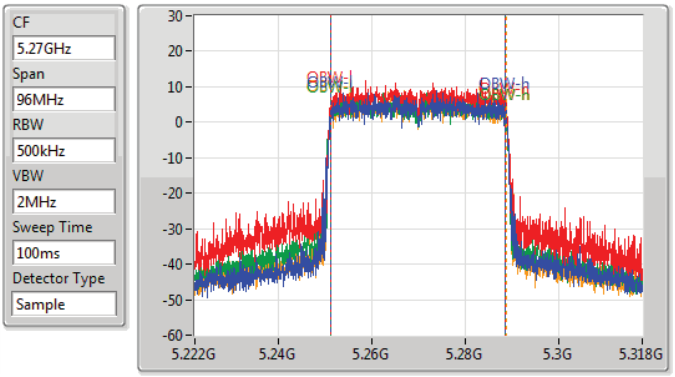
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.46M	5.20654G	5.257G	37.661M	5.211145G	5.248807G	Inf	1
77.4M	5.19004G	5.26744G	37.853M	5.211049G	5.248903G	Inf	2
41.88M	5.20954G	5.25142G	37.661M	5.211097G	5.248759G	Inf	3
45.18M	5.2063G	5.25148G	37.565M	5.211145G	5.248711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

28/07/2020



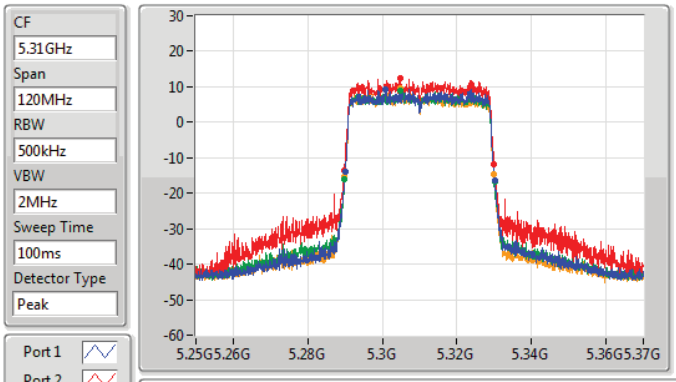


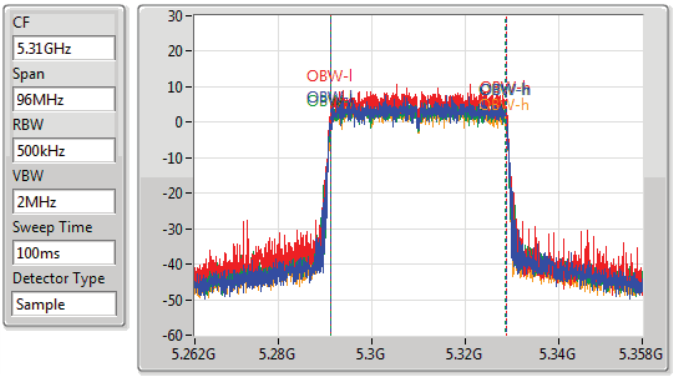
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.24978G	5.28998G	37.565M	5.251145G	5.288711G	Inf	1
40.44M	5.24966G	5.2901G	37.517M	5.251145G	5.288663G	Inf	2
40.38M	5.24972G	5.2901G	37.565M	5.251097G	5.288663G	Inf	3
40.08M	5.24984G	5.28992G	37.565M	5.251193G	5.288759G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

28/07/2020



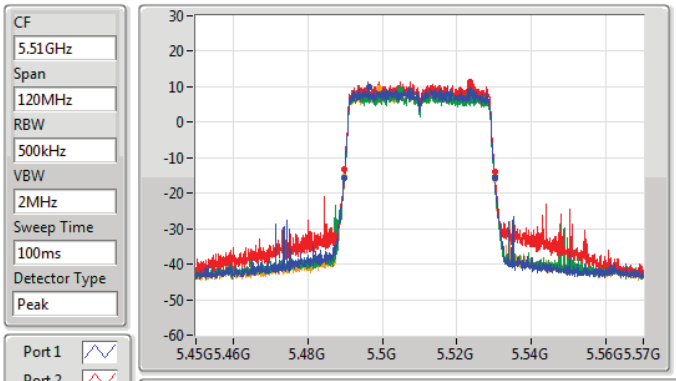


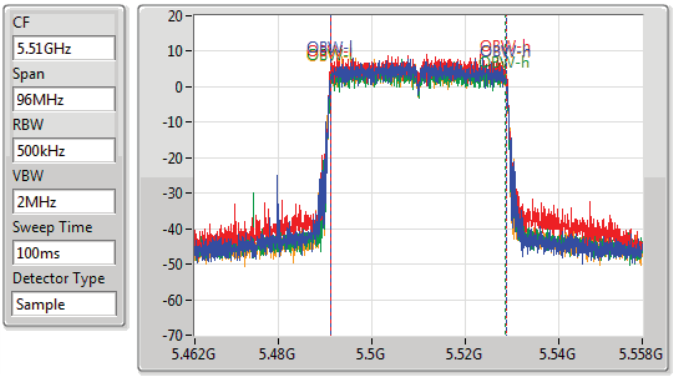
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28996G	5.33016G	37.613M	5.291145G	5.328759G	Inf	1
40.14M	5.28984G	5.32998G	37.517M	5.291241G	5.328759G	Inf	2
40.38M	5.28978G	5.33016G	37.517M	5.291145G	5.328663G	Inf	3
40.14M	5.28984G	5.32998G	37.517M	5.291193G	5.328711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

28/07/2020



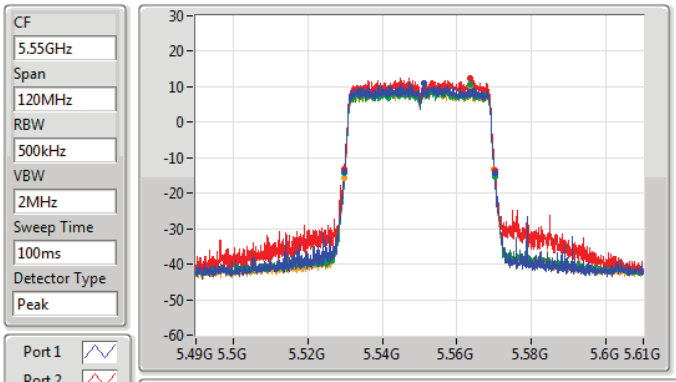


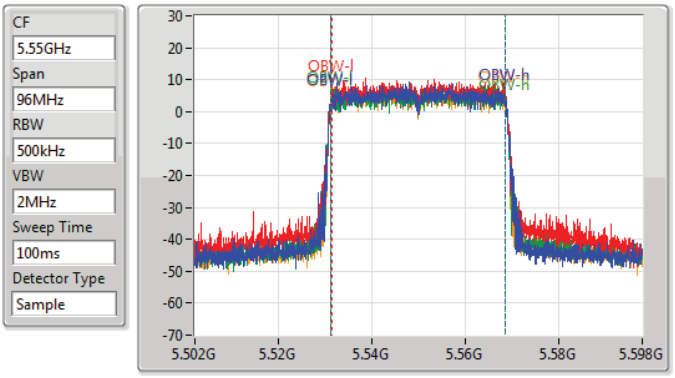
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.48966G	5.53016G	37.661M	5.491145G	5.528807G	Inf	1
40.32M	5.48984G	5.53016G	37.613M	5.491145G	5.528759G	Inf	2
40.2M	5.4899G	5.5301G	37.565M	5.491145G	5.528711G	Inf	3
40.2M	5.4899G	5.5301G	37.565M	5.491193G	5.528759G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

28/07/2020



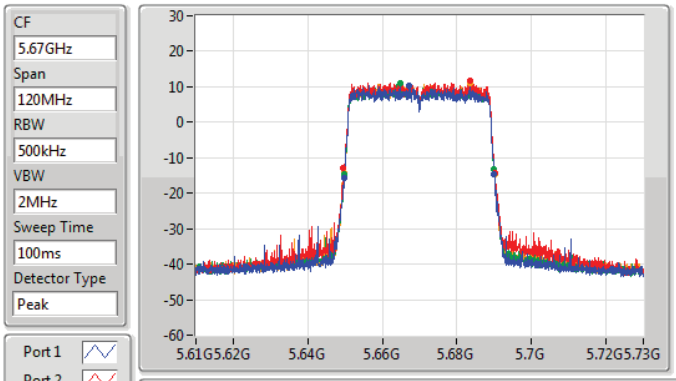


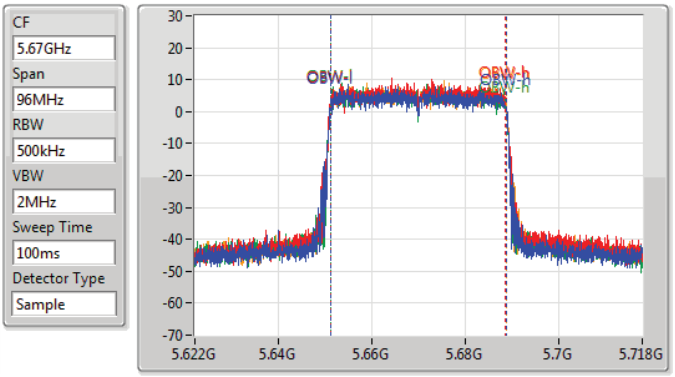
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.52978G	5.5701G	37.517M	5.531193G	5.568711G	Inf	1
40.32M	5.52984G	5.57016G	37.421M	5.531289G	5.568711G	Inf	2
40.2M	5.5299G	5.5701G	37.565M	5.531145G	5.568711G	Inf	3
40.32M	5.52972G	5.57004G	37.517M	5.531193G	5.568711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

28/07/2020



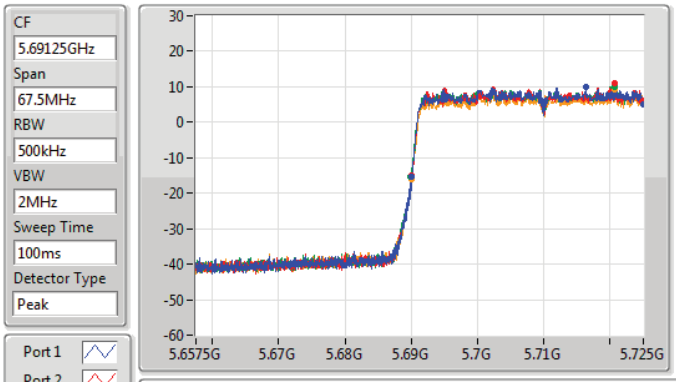


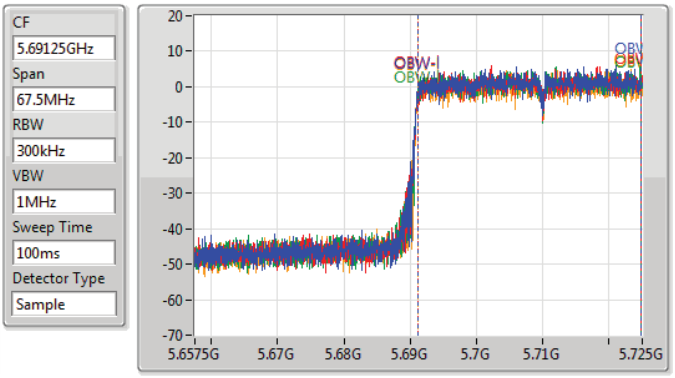
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.64972G	5.69004G	37.613M	5.651145G	5.688759G	Inf	1
40.68M	5.64948G	5.69016G	37.517M	5.651193G	5.688711G	Inf	2
40.14M	5.64984G	5.68998G	37.565M	5.651145G	5.688711G	Inf	3
40.32M	5.64978G	5.6901G	37.613M	5.651145G	5.688759G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/08/2020





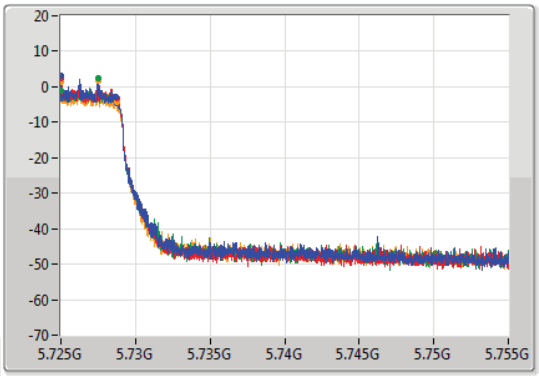
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.931M	5.690069G	5.725G	33.632M	5.691183G	5.724814G	Inf	1
34.898M	5.690103G	5.725G	33.632M	5.691216G	5.724848G	Inf	2
35.066M	5.689934G	5.725G	33.632M	5.691216G	5.724848G	Inf	3
34.999M	5.690001G	5.725G	33.632M	5.691216G	5.724848G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

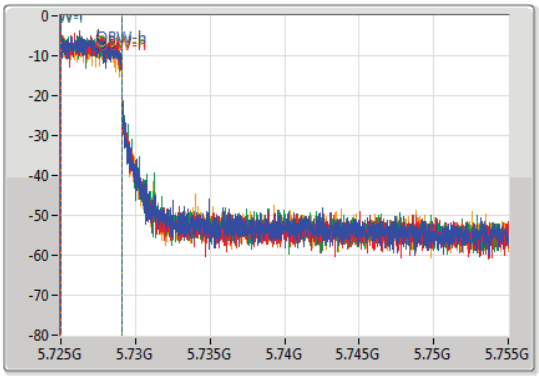
5710MHz Straddle 5.725-5.85GHz

04/08/2020

CF 5.74GHz
Span 30MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



CF 5.74GHz
Span 30MHz
RBW 50kHz
VBW 200kHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

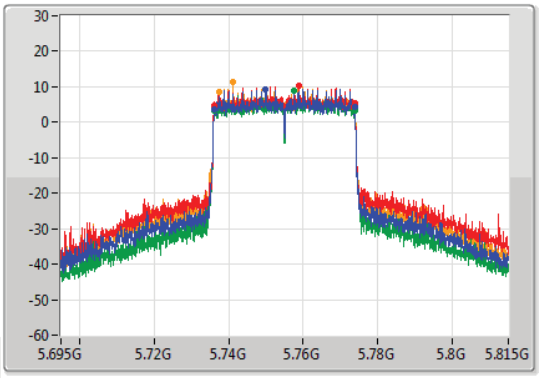
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.69M	5.725G	5.72869G	4.048M	5.725022G	5.72907G	500k	1
3.78M	5.725G	5.72878G	4.063M	5.725007G	5.72907G	500k	2
3.69M	5.725G	5.72869G	4.048M	5.725022G	5.72907G	500k	3
3.72M	5.725G	5.72872G	4.048M	5.725022G	5.72907G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

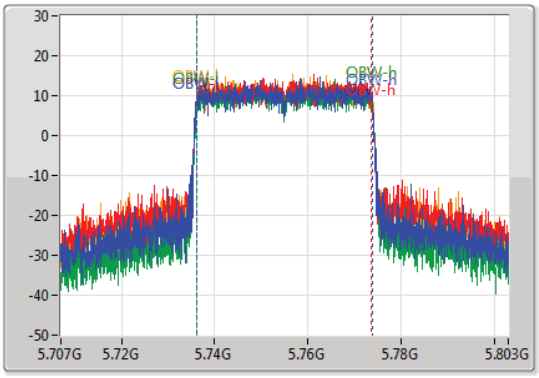
5755MHz

28/07/2020

CF 5.755GHz
Span 120MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



CF 5.755GHz
Span 96MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Sample



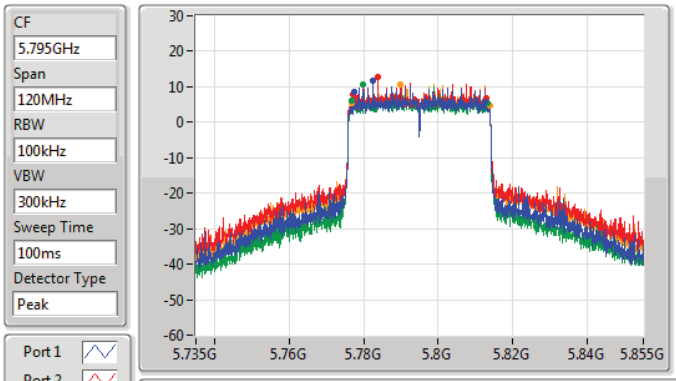
Port 1
Port 2
Port 3
Port 4

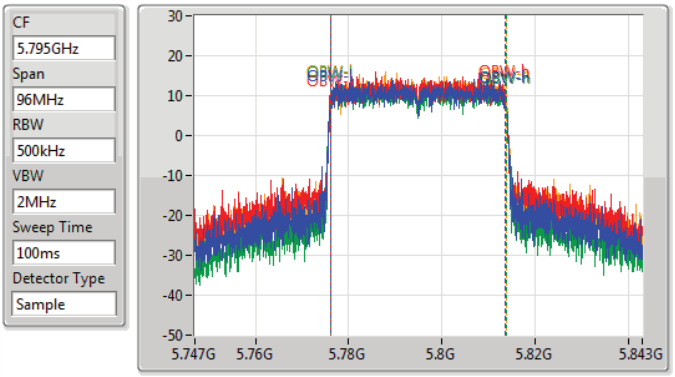
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73616G	5.7739G	37.661M	5.736145G	5.773807G	500k	1
37.74M	5.73616G	5.7739G	37.469M	5.736241G	5.773711G	500k	2
37.62M	5.73616G	5.77378G	37.565M	5.736193G	5.773759G	500k	3
36.42M	5.73742G	5.77384G	37.661M	5.736097G	5.773759G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

28/07/2020



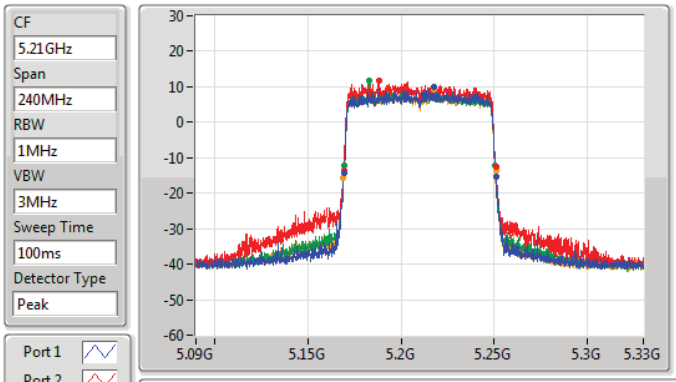


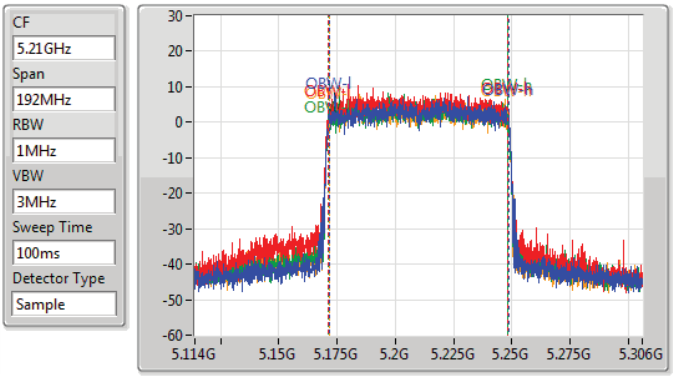
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.77748G	5.81258G	37.565M	5.776145G	5.813711G	500k	1
35.64M	5.77724G	5.81288G	37.613M	5.776097G	5.813711G	500k	2
36.36M	5.77694G	5.8133G	37.565M	5.776241G	5.813807G	500k	3
37.2M	5.77664G	5.81384G	37.661M	5.776097G	5.813759G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

28/07/2020



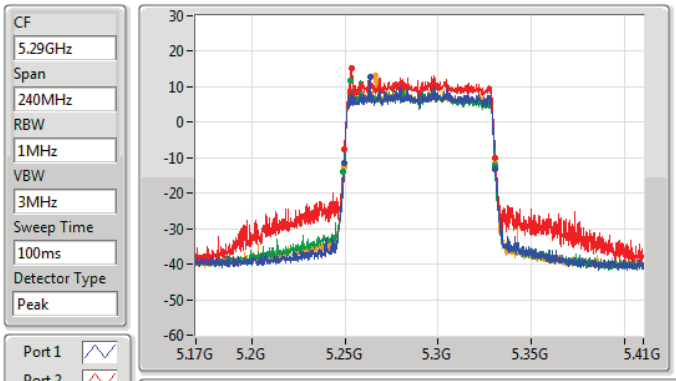


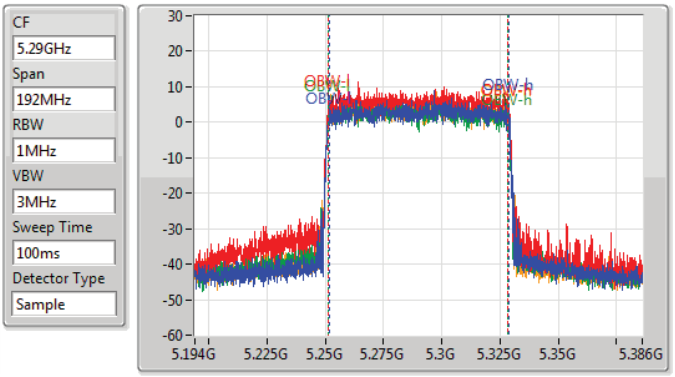
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.16944G	5.25104G	77.049M	5.171523G	5.248573G	Inf	1
81.6M	5.16932G	5.25092G	77.049M	5.171427G	5.248477G	Inf	2
81.12M	5.16956G	5.25068G	76.954M	5.171427G	5.248381G	Inf	3
81.72M	5.1692G	5.25092G	76.954M	5.171523G	5.248477G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

28/07/2020



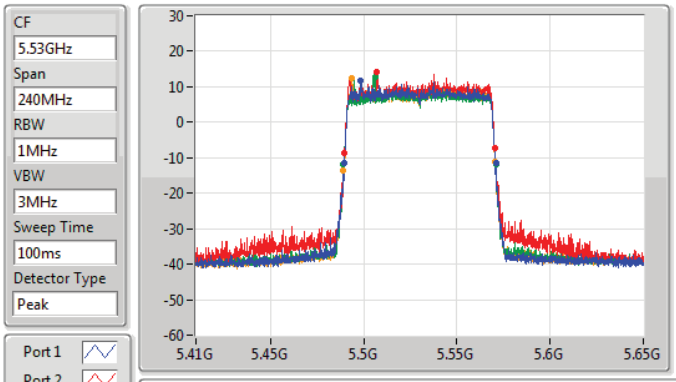


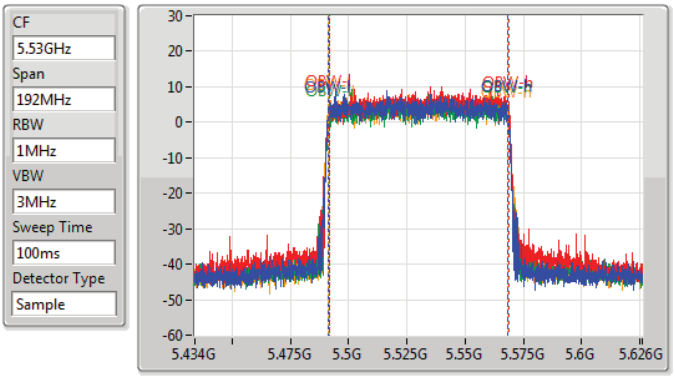
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.24956G	5.33068G	77.049M	5.251523G	5.328573G	Inf	1
80.76M	5.24968G	5.33044G	77.049M	5.251427G	5.328477G	Inf	2
81.12M	5.2492G	5.33032G	76.858M	5.251427G	5.328285G	Inf	3
80.76M	5.24956G	5.33032G	76.954M	5.251427G	5.328381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

28/07/2020



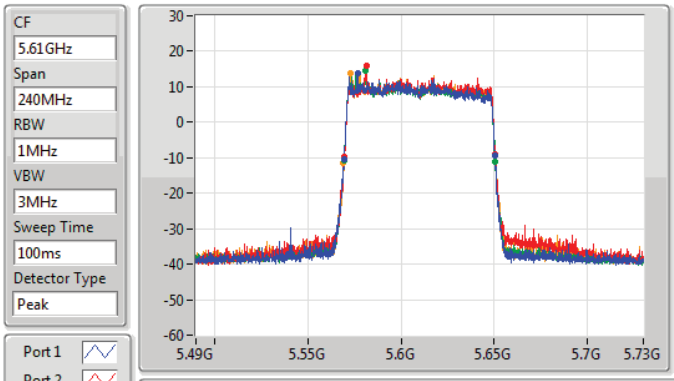


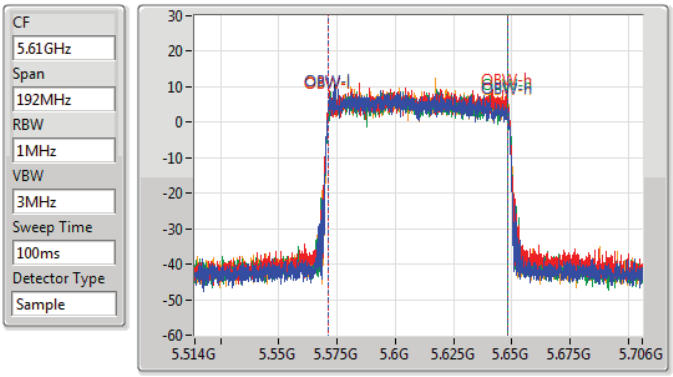
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.48944G	5.5708G	77.049M	5.491331G	5.568381G	Inf	1
80.88M	5.48968G	5.57056G	76.954M	5.491715G	5.568669G	Inf	2
81.6M	5.4892G	5.5708G	76.954M	5.491523G	5.568477G	Inf	3
81.36M	5.4892G	5.57056G	77.049M	5.491427G	5.568477G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

28/07/2020



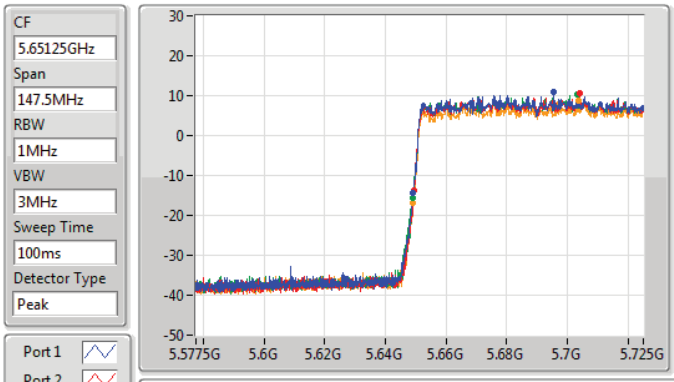


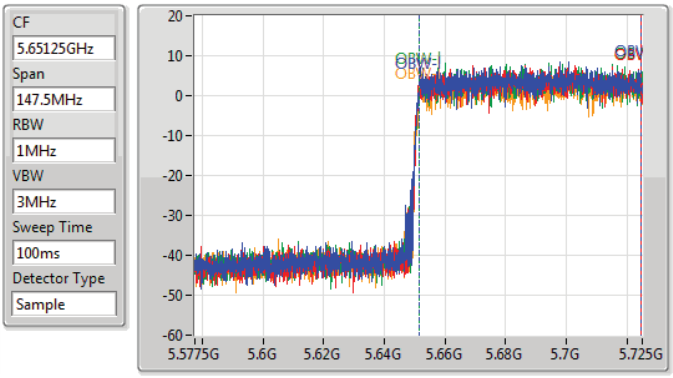
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.56932G	5.65068G	76.858M	5.571427G	5.648285G	Inf	1
81.36M	5.56932G	5.65068G	77.049M	5.571331G	5.648381G	Inf	2
81.12M	5.56932G	5.65044G	77.049M	5.571427G	5.648477G	Inf	3
81.24M	5.5692G	5.65044G	77.049M	5.571427G	5.648477G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/08/2020



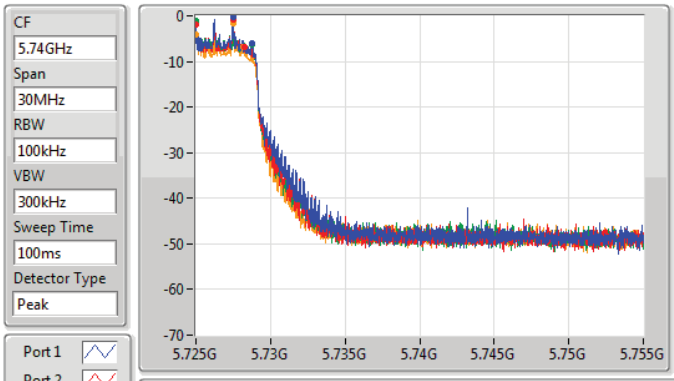


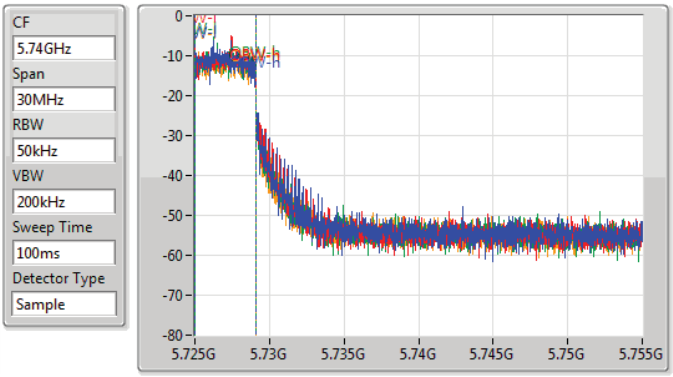
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.815M	5.649185G	5.725G	73.197M	5.651397G	5.724595G	Inf	1
75.668M	5.649333G	5.725G	73.123M	5.651324G	5.724447G	Inf	2
76.11M	5.64889G	5.725G	73.271M	5.651397G	5.724668G	Inf	3
75.815M	5.649185G	5.725G	73.123M	5.651471G	5.724595G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — EBW

5690MHz Straddle 5.725-5.85GHz

04/08/2020



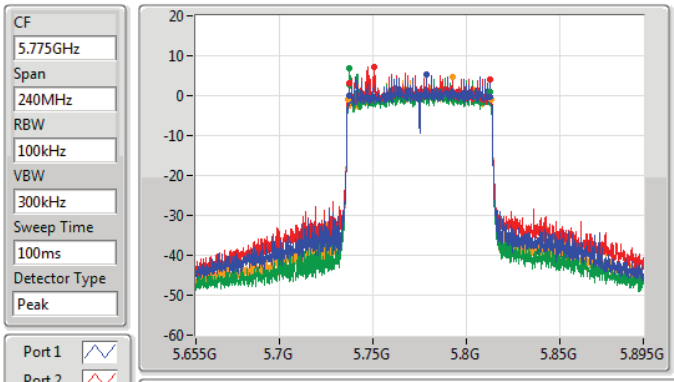


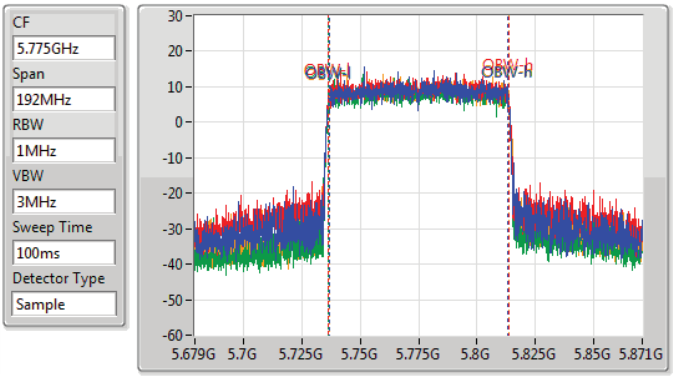
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.765M	5.725G	5.728765G	4.048M	5.725022G	5.72907G	500k	1
3.3M	5.725G	5.7283G	4.078M	5.725007G	5.729085G	500k	2
3.735M	5.725G	5.728735G	4.048M	5.725022G	5.72907G	500k	3
3.195M	5.725G	5.728195G	4.063M	5.725007G	5.72907G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — EBW

5775MHz

28/07/2020



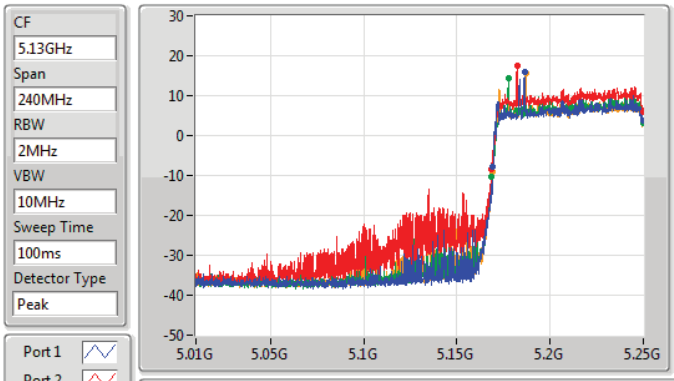


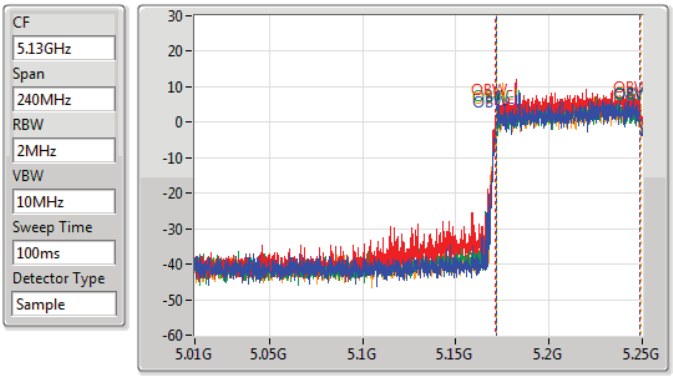
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.96M	5.73696G	5.81292G	76.858M	5.736523G	5.813381G	500k	1
75.12M	5.73744G	5.81256G	77.145M	5.736427G	5.813573G	500k	2
75.12M	5.73744G	5.81256G	77.049M	5.736427G	5.813477G	500k	3
76.44M	5.73672G	5.81316G	76.954M	5.736619G	5.813573G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.15-5.25GHz

29/07/2020



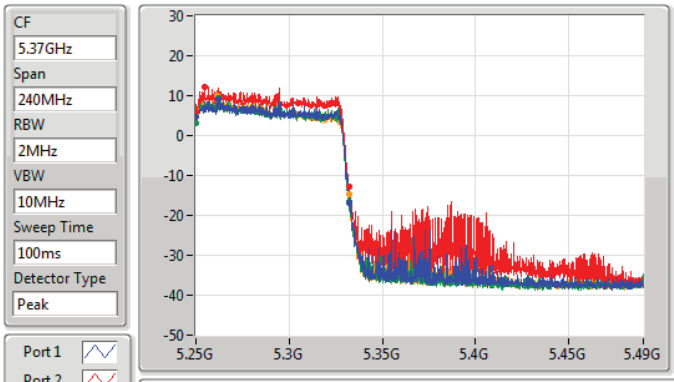


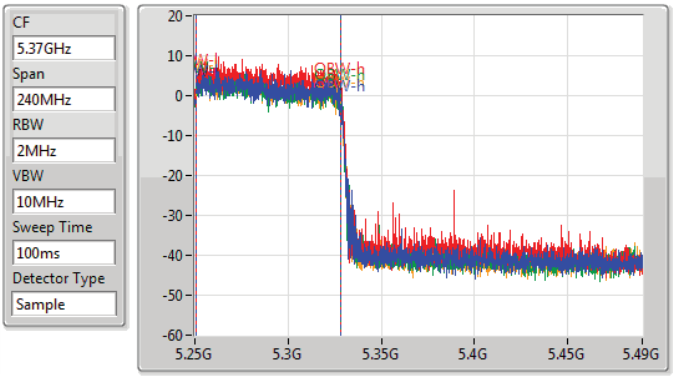
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.64M	5.16936G	5.25G	77.241M	5.171739G	5.248981G	Inf	1
81.6M	5.1684G	5.25G	77.601M	5.171379G	5.248981G	Inf	2
81.48M	5.16852G	5.25G	77.481M	5.171499G	5.248981G	Inf	3
80.88M	5.16912G	5.25G	77.841M	5.171499G	5.24934G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX — EBW

5250MHz Straddle 5.25-5.35GHz

29/07/2020



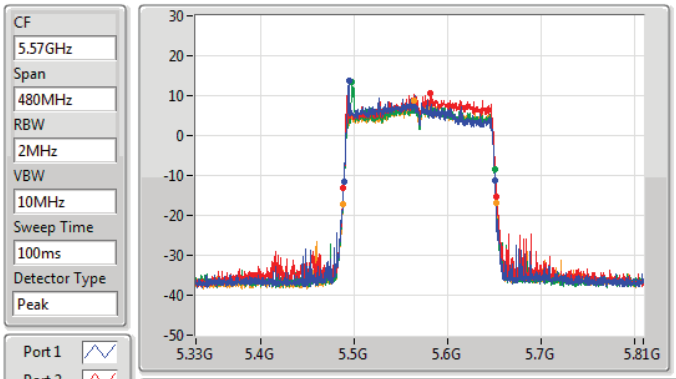


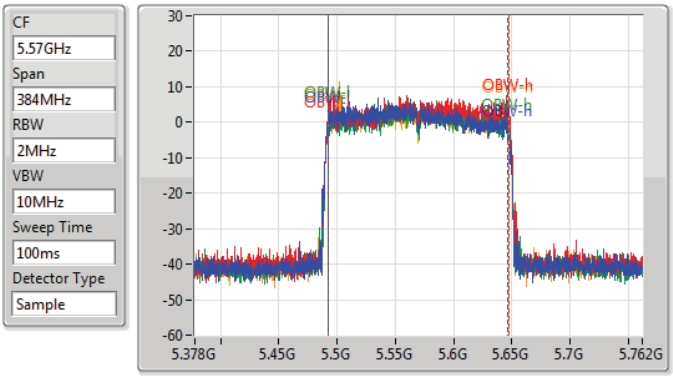
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.25G	5.33232G	77.241M	5.2509G	5.328141G	Inf	1
82.32M	5.25G	5.33232G	77.481M	5.25078G	5.328261G	Inf	2
82.32M	5.25G	5.33232G	77.481M	5.25078G	5.328261G	Inf	3
81.96M	5.25G	5.33196G	77.361M	5.25078G	5.328141G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

29/07/2020





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
161.76M	5.48888G	5.65064G	154.867M	5.492087G	5.646954G	Inf	1
163.92M	5.4884G	5.65232G	155.058M	5.492663G	5.647721G	Inf	2
162.24M	5.48864G	5.65088G	154.867M	5.492087G	5.646954G	Inf	3
164.4M	5.48792G	5.65232G	155.634M	5.492279G	5.647913G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.41	0.87297	33.55	2.26464
802.11ac VHT20_Nss1,(MCS0)_4TX	29.14	0.82035	33.28	2.12814
802.11ac VHT40_Nss1,(MCS0)_4TX	28.77	0.75336	32.91	1.95434
802.11ac VHT80_Nss1,(MCS0)_4TX	22.25	0.16788	26.39	0.43551
802.11ax HEW20_Nss1,(MCS0)_4TX	29.33	0.85704	33.47	2.22331
802.11ax HEW40_Nss1,(MCS0)_4TX	29.17	0.82604	33.31	2.14289
802.11ax HEW80_Nss1,(MCS0)_4TX	22.44	0.17539	26.58	0.45499
802.11ax HEW160_Nss1,(MCS0)_4TX	19.49	0.08892	23.63	0.23067
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.47	0.22233	26.85	0.48417
802.11ac VHT20_Nss1,(MCS0)_4TX	23.09	0.20370	26.47	0.44361
802.11ac VHT40_Nss1,(MCS0)_4TX	23.37	0.21727	26.75	0.47315
802.11ac VHT80_Nss1,(MCS0)_4TX	22.96	0.19770	26.34	0.43053
802.11ax HEW20_Nss1,(MCS0)_4TX	23.43	0.22029	26.81	0.47973
802.11ax HEW40_Nss1,(MCS0)_4TX	23.38	0.21777	26.76	0.47424
802.11ax HEW80_Nss1,(MCS0)_4TX	23.23	0.21038	26.61	0.45814
802.11ax HEW160_Nss1,(MCS0)_4TX	19.20	0.08318	22.58	0.18113
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.47	0.22233	25.78	0.37844
802.11ac VHT20_Nss1,(MCS0)_4TX	22.98	0.19861	25.29	0.33806
802.11ac VHT40_Nss1,(MCS0)_4TX	23.25	0.21135	25.56	0.35975
802.11ac VHT80_Nss1,(MCS0)_4TX	23.11	0.20464	25.42	0.34834
802.11ax HEW20_Nss1,(MCS0)_4TX	23.33	0.21528	25.64	0.36644
802.11ax HEW40_Nss1,(MCS0)_4TX	23.42	0.21979	25.73	0.37411
802.11ax HEW80_Nss1,(MCS0)_4TX	23.42	0.21979	25.73	0.37411
802.11ax HEW160_Nss1,(MCS0)_4TX	21.56	0.14322	23.87	0.24378
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.49	0.88920	31.93	1.55955
802.11ac VHT20_Nss1,(MCS0)_4TX	29.05	0.80353	31.49	1.40929
802.11ac VHT40_Nss1,(MCS0)_4TX	28.96	0.78705	31.40	1.38038
802.11ac VHT80_Nss1,(MCS0)_4TX	28.84	0.76560	31.28	1.34276
802.11ax HEW20_Nss1,(MCS0)_4TX	29.48	0.88716	31.92	1.55597
802.11ax HEW40_Nss1,(MCS0)_4TX	29.37	0.86497	31.81	1.51705
802.11ax HEW80_Nss1,(MCS0)_4TX	29.21	0.83368	31.65	1.46218

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.14	22.04	22.21	22.06	21.24	27.92	30.00	32.06	36.00
5200MHz	Pass	4.14	23.38	23.70	23.38	22.76	29.34	30.00	33.48	36.00
5240MHz	Pass	4.14	23.47	23.70	23.51	22.83	29.41	30.00	33.55	36.00
5260MHz	Pass	3.38	17.44	17.89	17.58	16.79	23.46	23.98	26.84	30.00
5300MHz	Pass	3.38	17.35	17.88	17.59	16.94	23.47	23.98	26.85	30.00
5320MHz	Pass	3.38	17.15	17.68	17.39	16.74	23.27	23.98	26.65	30.00
5500MHz	Pass	2.31	17.68	17.50	17.79	16.63	23.44	23.98	25.75	30.00
5580MHz	Pass	2.31	17.68	17.91	17.60	16.38	23.45	23.98	25.76	30.00
5700MHz	Pass	2.31	17.82	17.67	17.55	16.66	23.47	23.98	25.78	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.31	16.87	15.95	16.60	15.52	22.29	22.91	24.60	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	2.44	10.73	10.13	10.47	9.40	16.23	30.00	18.67	36.00
5745MHz	Pass	2.44	23.54	23.74	23.56	22.82	29.45	30.00	31.89	36.00
5785MHz	Pass	2.44	23.77	23.54	23.61	22.80	29.47	30.00	31.91	36.00
5825MHz	Pass	2.44	23.69	23.60	23.72	22.82	29.49	30.00	31.93	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.14	21.45	21.66	21.41	20.67	27.33	30.00	31.47	36.00
5200MHz	Pass	4.14	23.27	23.38	23.57	22.11	29.14	30.00	33.28	36.00
5240MHz	Pass	4.14	23.21	23.26	23.41	22.17	29.06	30.00	33.20	36.00
5260MHz	Pass	3.38	17.44	17.00	17.47	16.24	23.09	23.98	26.47	30.00
5300MHz	Pass	3.38	17.10	16.78	17.51	16.03	22.91	23.98	26.29	30.00
5320MHz	Pass	3.38	16.96	16.85	17.45	16.01	22.87	23.98	26.25	30.00
5500MHz	Pass	2.31	17.40	17.20	17.17	15.89	22.97	23.98	25.28	30.00
5580MHz	Pass	2.31	17.44	17.25	17.11	15.88	22.98	23.98	25.29	30.00
5700MHz	Pass	2.31	16.86	16.37	16.16	15.78	22.33	23.98	24.64	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.31	16.71	15.83	16.35	15.05	22.05	22.95	24.36	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	2.44	11.07	10.23	10.63	9.46	16.41	30.00	18.85	36.00
5745MHz	Pass	2.44	23.35	23.35	23.04	22.29	29.05	30.00	31.49	36.00
5785MHz	Pass	2.44	23.16	23.25	22.98	22.16	28.93	30.00	31.37	36.00
5825MHz	Pass	2.44	23.24	23.28	23.01	22.22	28.98	30.00	31.42	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.14	17.60	17.39	17.10	16.80	23.25	30.00	27.39	36.00
5230MHz	Pass	4.14	22.94	23.14	22.57	22.31	28.77	30.00	32.91	36.00
5270MHz	Pass	3.38	17.33	17.11	17.05	16.39	23.00	23.98	26.38	30.00
5310MHz	Pass	3.38	17.46	17.52	17.53	16.86	23.37	23.98	26.75	30.00
5510MHz	Pass	2.31	17.87	17.40	17.02	16.50	23.25	23.98	25.56	30.00
5550MHz	Pass	2.31	17.77	17.32	16.87	16.24	23.11	23.98	25.42	30.00
5670MHz	Pass	2.31	17.40	17.59	17.28	15.90	23.11	23.98	25.42	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.31	17.07	17.40	17.03	15.84	22.89	23.98	25.20	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.44	6.81	7.04	6.47	5.57	12.53	30.00	14.97	36.00
5755MHz	Pass	2.44	23.03	23.14	23.01	22.56	28.96	30.00	31.40	36.00
5795MHz	Pass	2.44	22.94	23.00	22.72	22.69	28.86	30.00	31.30	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.14	16.25	16.39	16.55	15.68	22.25	30.00	26.39	36.00
5290MHz	Pass	3.38	17.11	17.00	17.14	16.48	22.96	23.98	26.34	30.00
5530MHz	Pass	2.31	17.75	17.11	16.99	16.40	23.11	23.98	25.42	30.00
5610MHz	Pass	2.31	17.54	17.40	17.08	16.04	23.07	23.98	25.38	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.31	17.33	17.17	17.01	15.83	22.89	23.98	25.20	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.44	3.33	3.23	2.78	2.10	8.91	30.00	11.35	36.00
5775MHz	Pass	2.44	23.07	23.39	22.18	22.54	28.84	30.00	31.28	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.14	21.60	21.90	21.83	20.88	27.59	30.00	31.73	36.00
5200MHz	Pass	4.14	23.58	23.47	23.55	22.57	29.33	30.00	33.47	36.00
5240MHz	Pass	4.14	23.22	23.34	23.46	22.44	29.15	30.00	33.29	36.00
5260MHz	Pass	3.38	17.60	17.43	17.89	16.62	23.43	23.98	26.81	30.00

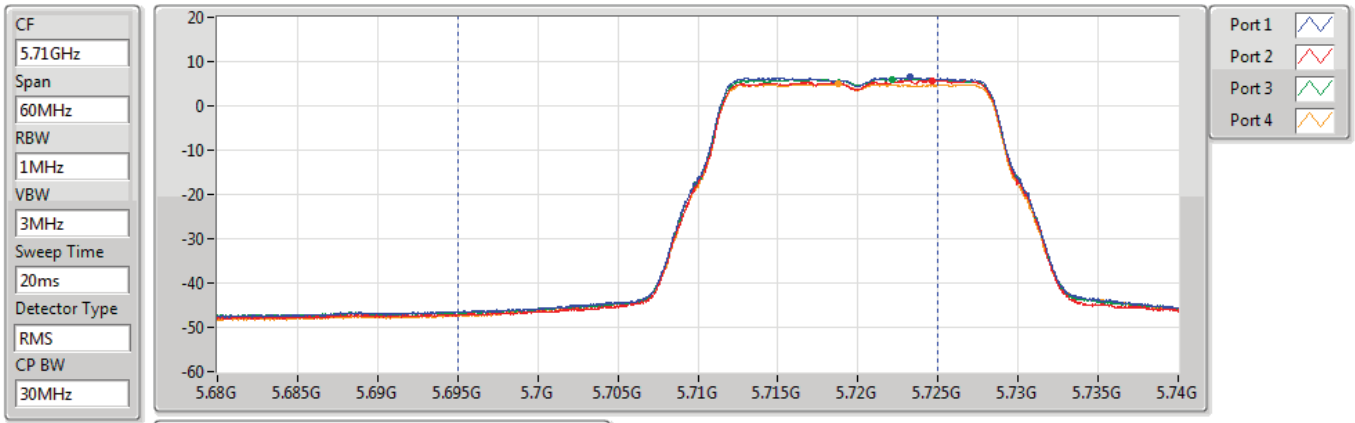
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5300MHz	Pass	3.38	17.26	17.05	17.65	16.28	23.11	23.98	26.49	30.00
5320MHz	Pass	3.38	17.19	17.18	17.69	16.38	23.16	23.98	26.54	30.00
5500MHz	Pass	2.31	16.95	17.61	17.71	16.35	23.21	23.98	25.52	30.00
5580MHz	Pass	2.31	17.76	17.72	17.41	16.16	23.33	23.98	25.64	30.00
5700MHz	Pass	2.31	17.29	16.65	16.77	16.06	22.74	23.98	25.05	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.31	17.01	16.16	16.63	15.52	22.39	22.95	24.70	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	2.44	11.73	10.77	11.32	10.25	17.07	30.00	19.51	36.00
5745MHz	Pass	2.44	23.50	23.64	23.50	22.53	29.33	30.00	31.77	36.00
5785MHz	Pass	2.44	23.69	23.81	23.52	22.73	29.48	30.00	31.92	36.00
5825MHz	Pass	2.44	23.46	23.73	23.20	22.55	29.28	30.00	31.72	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.14	17.86	17.78	17.36	17.11	23.56	30.00	27.70	36.00
5230MHz	Pass	4.14	23.29	23.63	22.90	22.73	29.17	30.00	33.31	36.00
5270MHz	Pass	3.38	17.64	17.27	17.88	16.34	23.34	23.98	26.72	30.00
5310MHz	Pass	3.38	17.77	17.36	17.87	16.25	23.38	23.98	26.76	30.00
5510MHz	Pass	2.31	18.18	17.39	17.44	16.43	23.42	23.98	25.73	30.00
5550MHz	Pass	2.31	18.14	17.42	17.46	16.37	23.41	23.98	25.72	30.00
5670MHz	Pass	2.31	17.66	17.54	17.62	15.71	23.23	23.98	25.54	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.31	17.45	17.66	17.38	16.19	23.23	23.98	25.54	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.44	7.80	8.06	7.58	6.60	13.56	30.00	16.00	36.00
5755MHz	Pass	2.44	23.22	23.43	23.22	22.91	29.22	30.00	31.66	36.00
5795MHz	Pass	2.44	23.60	23.38	23.30	23.10	29.37	30.00	31.81	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.14	16.54	16.60	16.79	15.67	22.44	30.00	26.58	36.00
5290MHz	Pass	3.38	17.30	17.29	17.41	16.80	23.23	23.98	26.61	30.00
5530MHz	Pass	2.31	18.20	17.44	17.21	16.60	23.42	23.98	25.73	30.00
5610MHz	Pass	2.31	17.85	17.51	17.45	16.38	23.35	23.98	25.66	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.31	17.74	17.66	17.32	16.25	23.30	23.98	25.61	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.44	4.27	4.31	3.96	3.10	9.96	30.00	12.40	36.00
5775MHz	Pass	2.44	23.33	23.79	22.81	22.74	29.21	30.00	31.65	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.14	13.67	13.59	13.66	12.91	19.49	30.00	23.63	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	13.43	13.30	13.41	12.53	19.20	23.98	22.58	30.00
5570MHz	Pass	2.31	16.09	15.58	15.48	14.93	21.56	23.98	23.87	30.00

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

802.11a_Nss1,(6Mbps)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



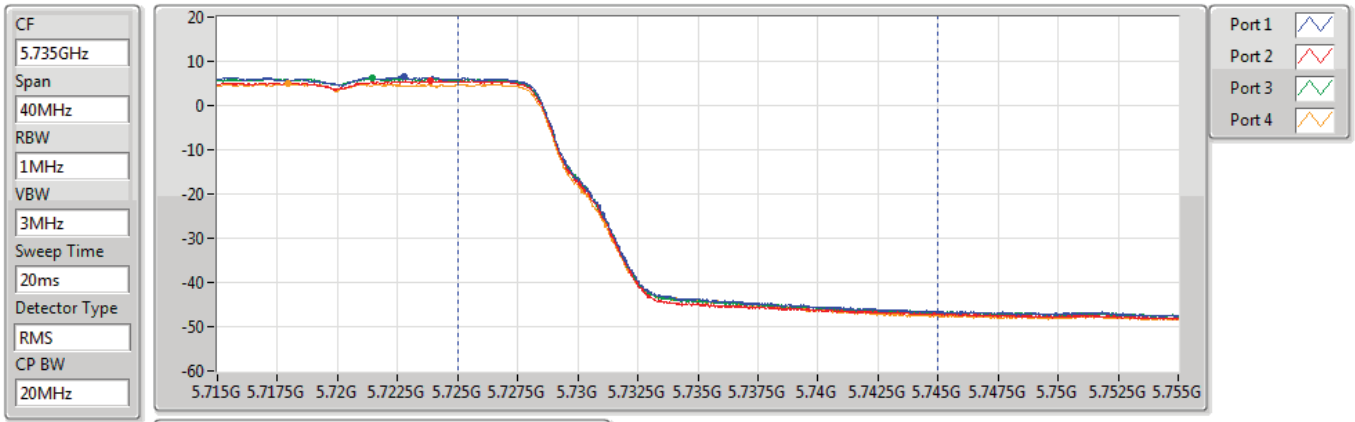
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.29	16.87	15.95	16.60	15.52

802.11a_Nss1,(6Mbps)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



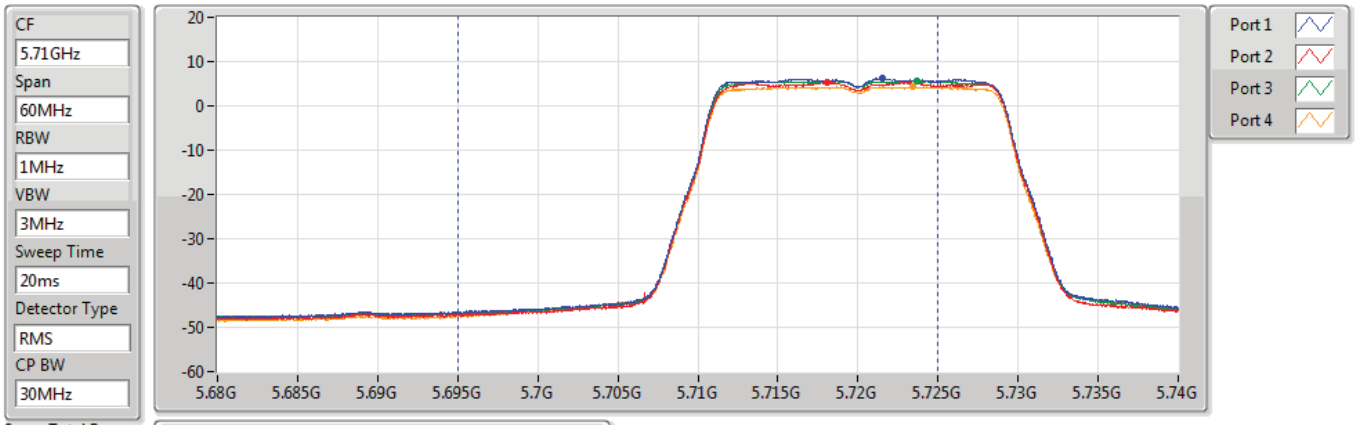
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.23	10.73	10.13	10.47	9.40

802.11ac VHT20_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



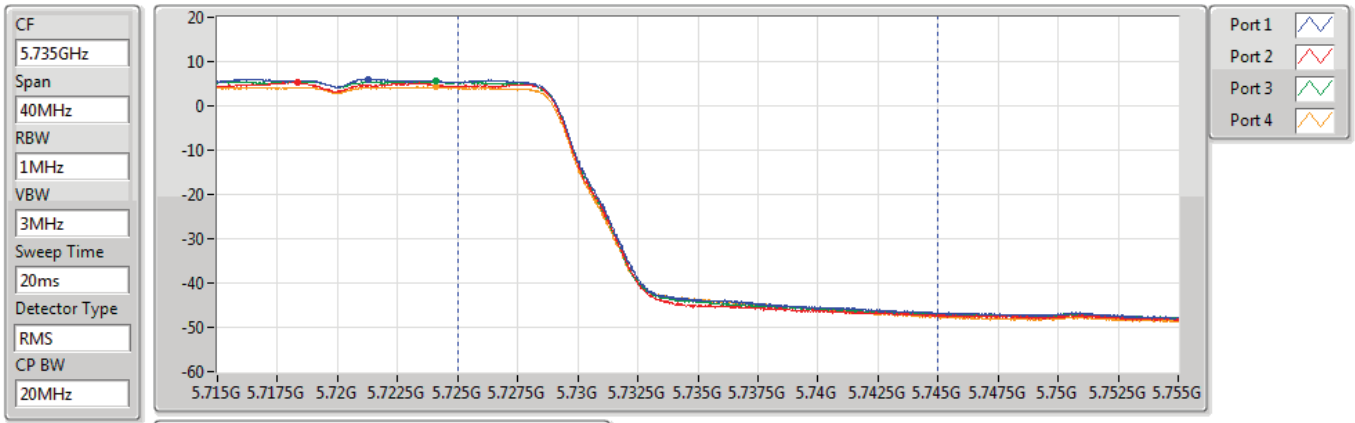
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.05	16.71	15.83	16.35	15.05

802.11ac VHT20_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



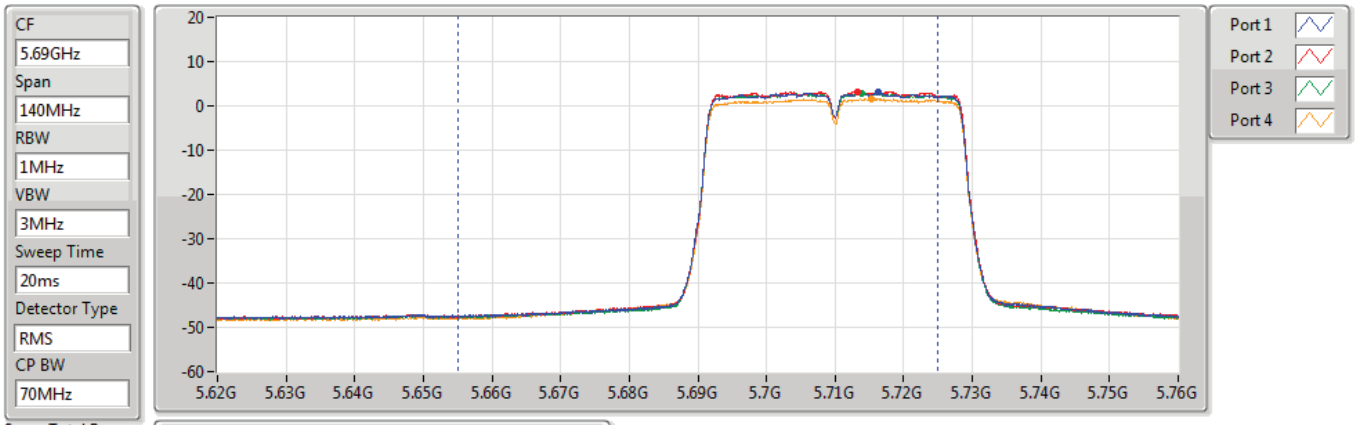
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.41	11.07	10.23	10.63	9.46

802.11ac VHT40_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020

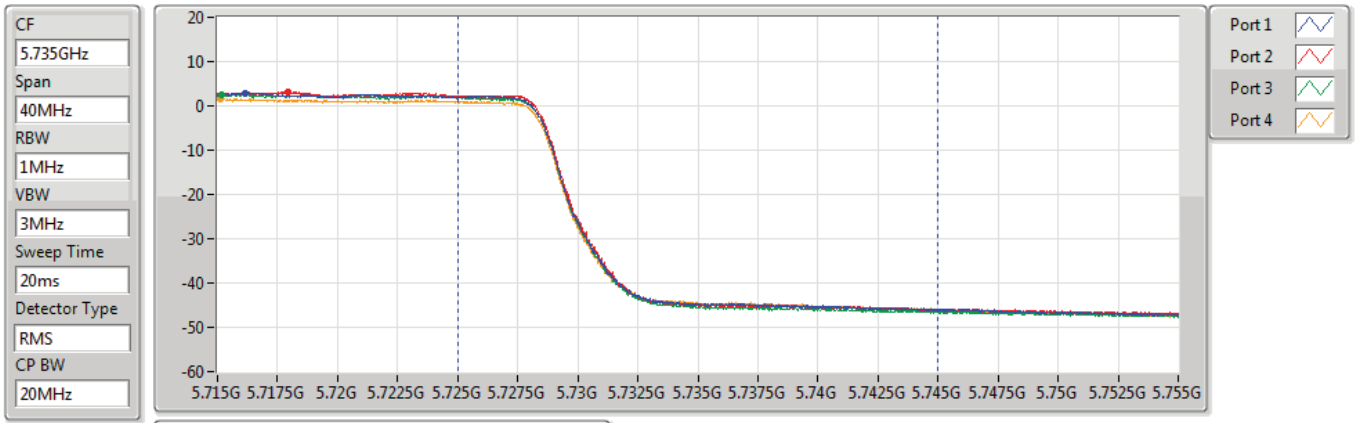


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.89	17.07	17.40	17.03	15.84

802.11ac VHT40_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020

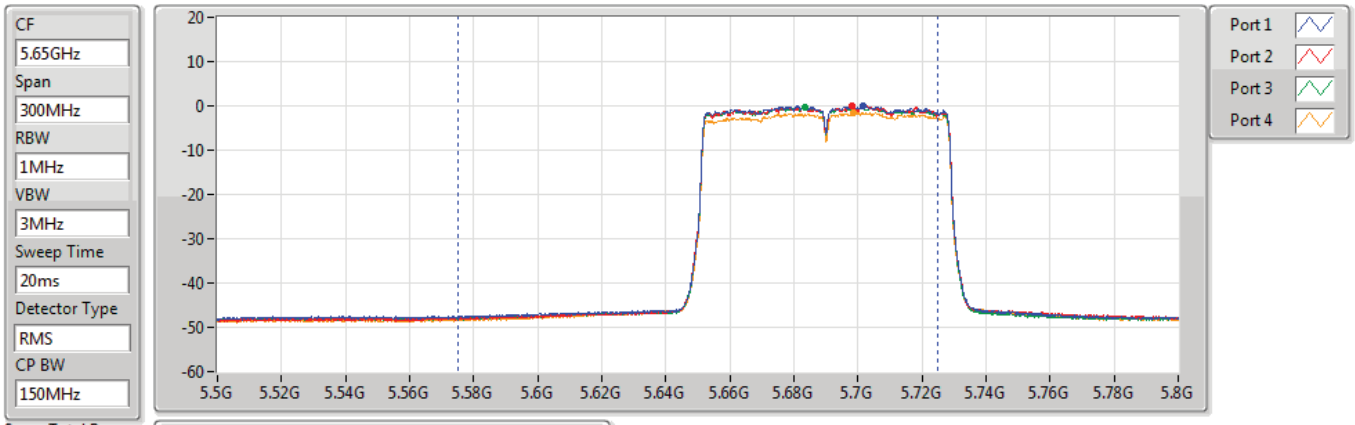


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.53	6.81	7.04	6.47	5.57

802.11ac VHT80_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020

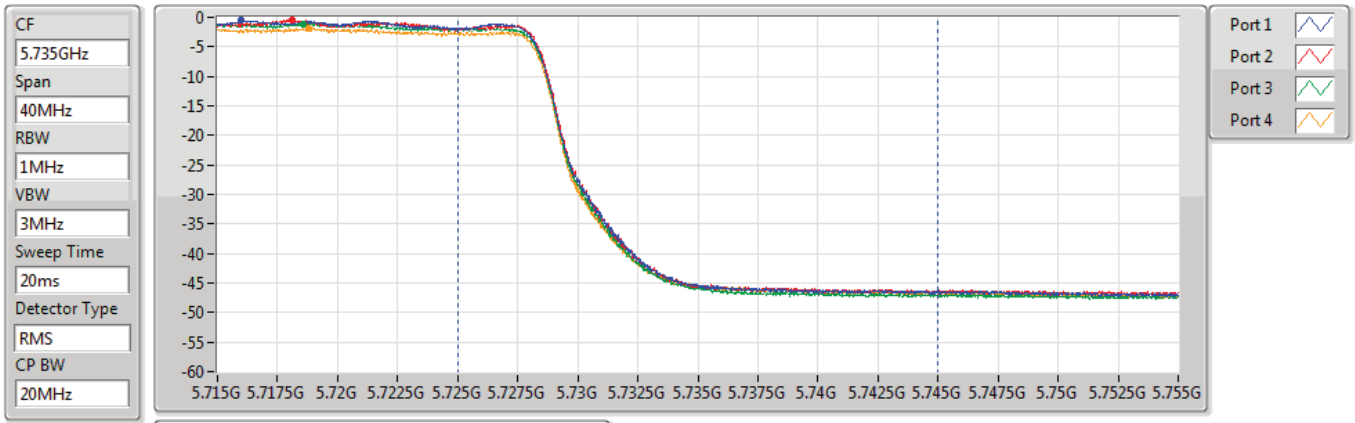


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.89	17.33	17.17	17.01	15.83

802.11ac VHT80_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020

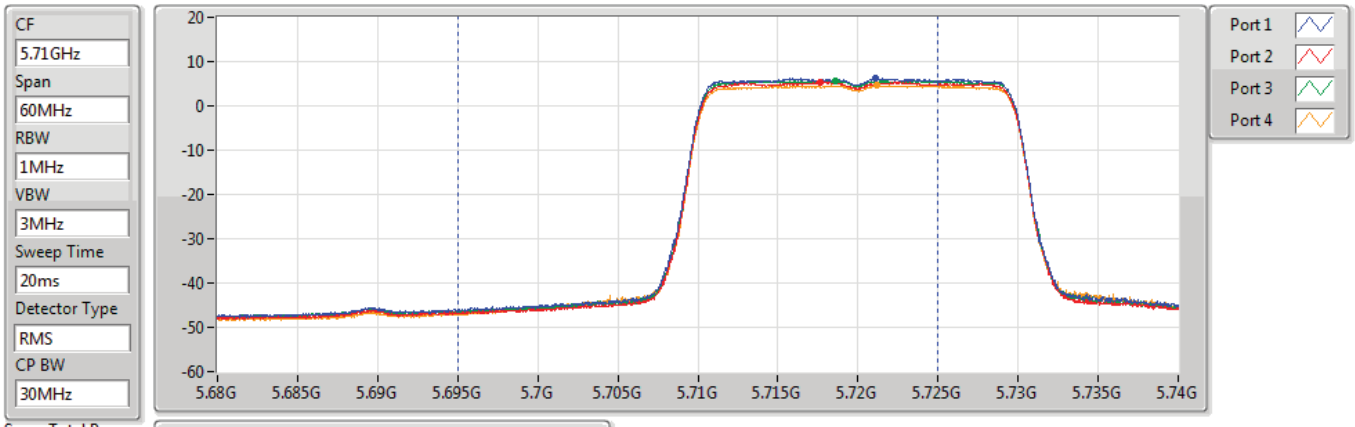


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.91	3.33	3.23	2.78	2.10

802.11ax HEW20_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



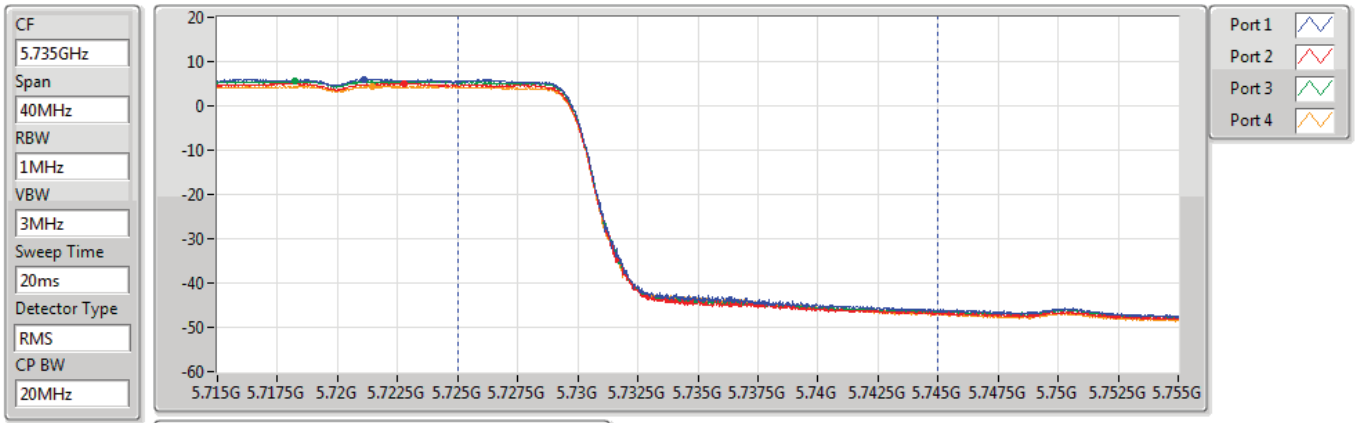
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.39	17.01	16.16	16.63	15.52

802.11ax HEW20_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



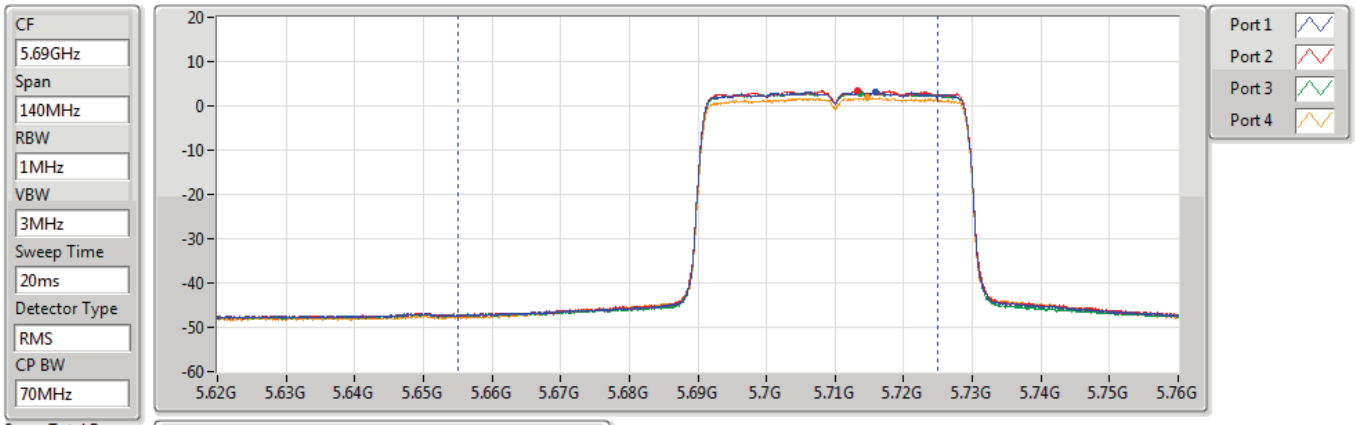
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.07	11.73	10.77	11.32	10.25

802.11ax HEW40_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



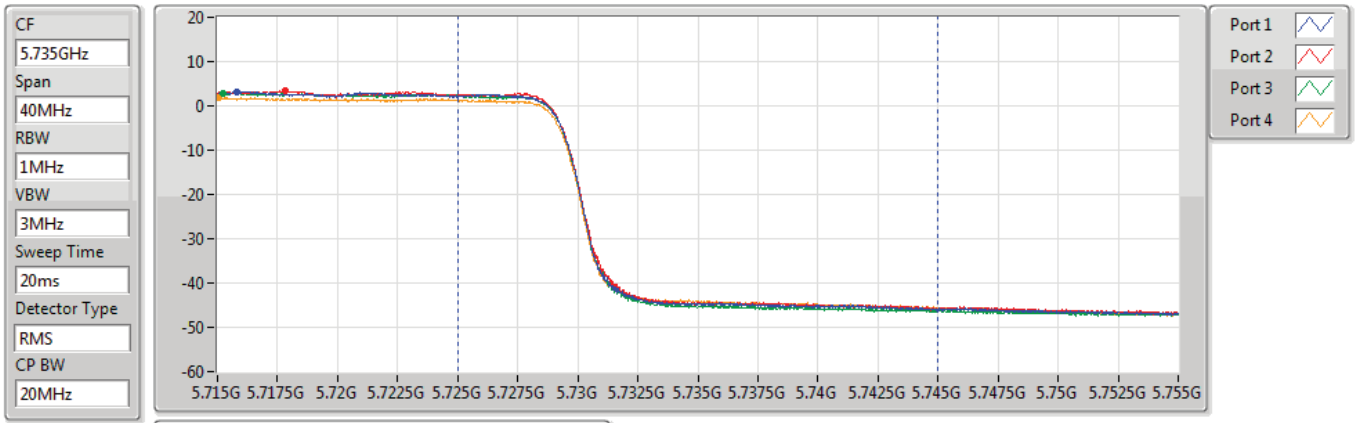
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.23	17.45	17.66	17.38	16.19

802.11ax HEW40_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



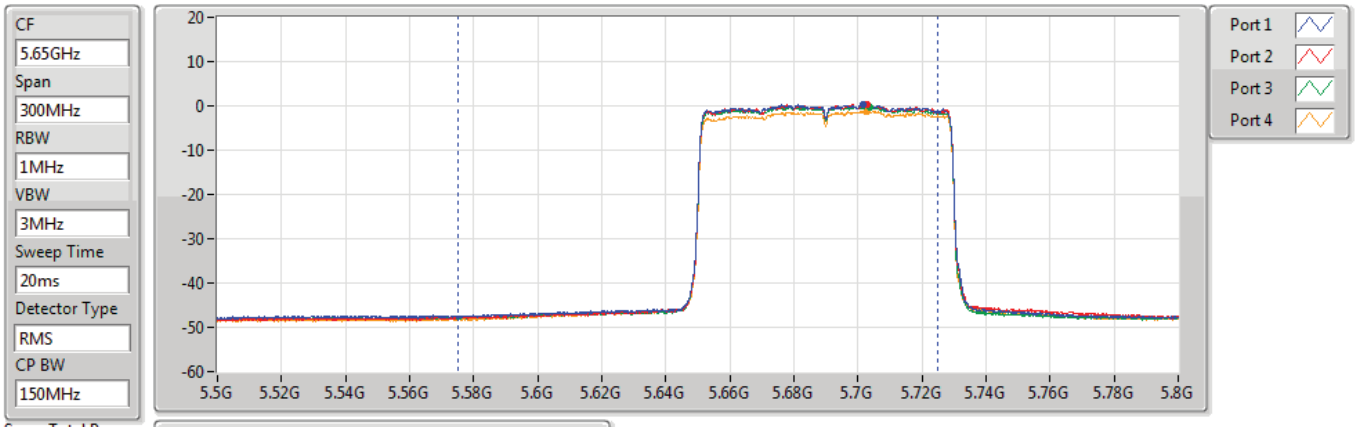
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.56	7.80	8.06	7.58	6.60

802.11ax HEW80_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



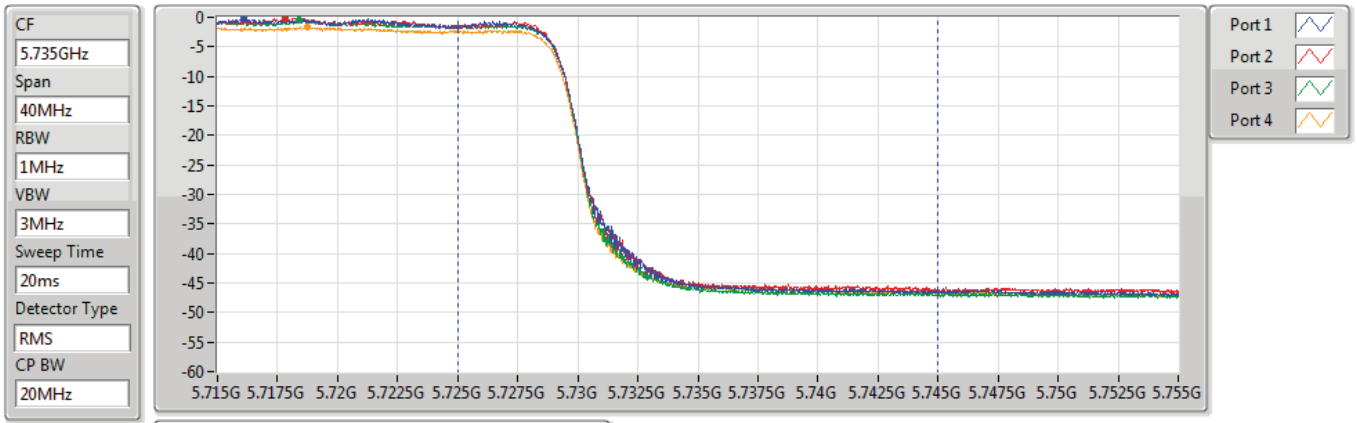
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.30	17.74	17.66	17.32	16.25

802.11ax HEW80_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



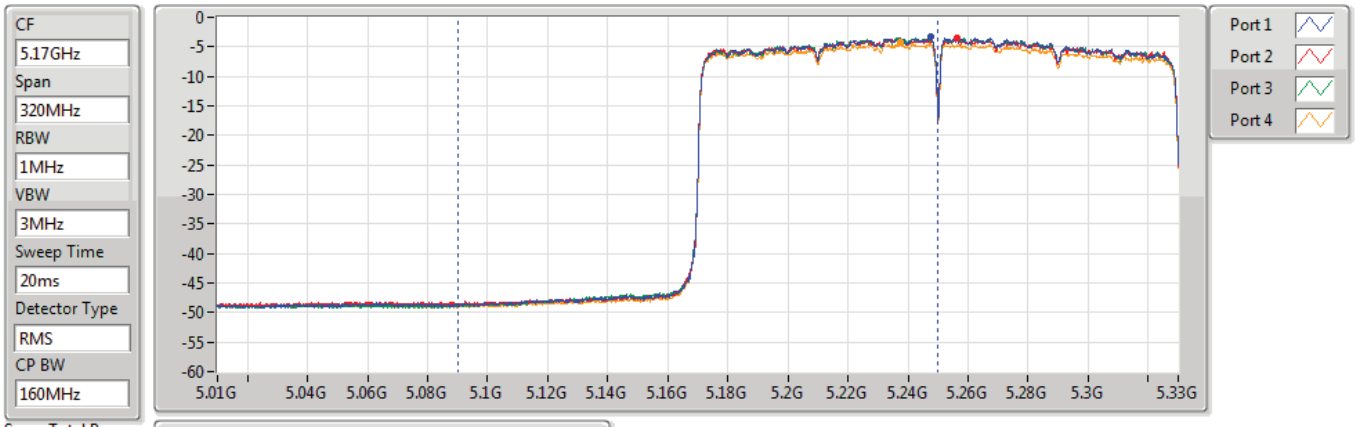
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.96	4.27	4.31	3.96	3.10

802.11ax HEW160_Nss1,(MCS0)_4TX — AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

27/07/2020



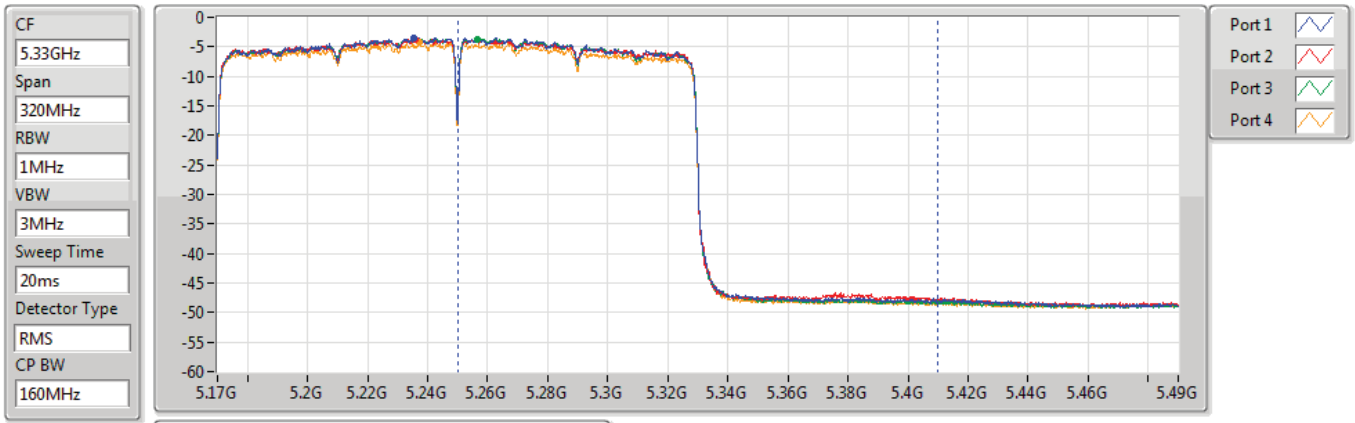
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.49	13.67	13.59	13.66	12.91

802.11ax HEW160_Nss1,(MCS0)_4TX — AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

27/07/2020



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.20	13.43	13.30	13.41	12.53

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.87	0.77090	35.30	3.38844
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.61	0.72611	35.04	3.19154
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.23	0.16711	28.66	0.73451
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.95	0.78524	35.38	3.45144
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.62	0.72778	35.05	3.19890
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.28	0.16904	28.71	0.74302
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.09	0.08110	25.52	0.35645
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.98	0.19861	28.36	0.68549
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.22	0.20989	28.60	0.72444
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.87	0.19364	28.25	0.66834
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.39	0.21827	28.77	0.75336
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.43	0.22029	28.81	0.76033
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.88	0.19409	28.26	0.66988
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.72	0.07447	24.10	0.25704
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.09	0.20370	28.56	0.71779
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.13	0.20559	28.60	0.72444
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.06	0.20230	28.53	0.71285
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.42	0.21979	28.89	0.77446
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.39	0.21827	28.86	0.76913
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.35	0.21627	28.82	0.76208
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.05	0.12735	26.52	0.44875
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.99	0.79250	34.44	2.77971
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.27	0.84528	34.72	2.96483
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	27.47	0.55847	32.92	1.95884
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.49	0.88920	34.94	3.11889
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.45	0.88105	34.90	3.09030
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.62	0.57810	33.07	2.02768

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	20.00	21.35	19.61	20.20	26.36	29.57	32.79	36.00
5200MHz	Pass	6.43	22.61	24.31	21.95	22.09	28.87	29.57	35.30	36.00
5240MHz	Pass	6.43	22.03	24.39	22.20	22.06	28.81	29.57	35.24	36.00
5260MHz	Pass	5.38	16.96	17.18	17.12	16.43	22.95	23.98	28.33	30.00
5300MHz	Pass	5.38	16.87	17.02	17.31	16.62	22.98	23.98	28.36	30.00
5320MHz	Pass	5.38	16.98	16.80	16.93	16.05	22.73	23.98	28.11	30.00
5500MHz	Pass	5.47	16.14	17.62	15.55	16.06	22.43	23.98	27.90	30.00
5580MHz	Pass	5.47	17.16	17.13	16.87	15.82	22.80	23.98	28.27	30.00
5700MHz	Pass	5.47	17.55	16.91	17.32	16.42	23.09	23.98	28.56	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	16.37	15.69	15.99	15.24	21.86	22.94	27.33	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.45	10.71	10.02	10.32	9.62	16.21	30.00	21.66	36.00
5745MHz	Pass	5.45	21.89	23.56	23.15	22.63	28.87	30.00	34.32	36.00
5785MHz	Pass	5.45	22.93	23.23	23.12	22.55	28.99	30.00	34.44	36.00
5825MHz	Pass	5.45	22.69	23.19	22.85	22.44	28.82	30.00	34.27	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	13.75	15.54	13.36	13.50	20.15	29.57	26.58	36.00
5230MHz	Pass	6.43	21.89	24.10	21.80	22.14	28.61	29.57	35.04	36.00
5270MHz	Pass	5.38	16.44	18.97	16.31	16.47	23.22	23.98	28.60	30.00
5310MHz	Pass	5.38	15.83	18.71	16.01	15.96	22.83	23.98	28.21	30.00
5510MHz	Pass	5.47	16.23	18.31	16.08	16.09	22.81	23.98	28.28	30.00
5550MHz	Pass	5.47	17.66	17.30	17.07	16.31	23.13	23.98	28.60	30.00
5670MHz	Pass	5.47	17.31	17.12	17.16	15.82	22.91	23.98	28.38	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.47	17.13	17.25	17.25	15.87	22.93	23.98	28.40	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.45	6.92	6.82	6.77	5.76	12.61	30.00	18.06	36.00
5755MHz	Pass	5.45	23.25	23.32	23.48	22.92	29.27	30.00	34.72	36.00
5795MHz	Pass	5.45	23.19	23.04	23.18	22.67	29.05	30.00	34.50	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	15.57	17.51	15.70	15.73	22.23	29.57	28.66	36.00
5290MHz	Pass	5.38	16.14	18.42	15.74	16.58	22.87	23.98	28.25	30.00
5530MHz	Pass	5.47	16.69	18.14	16.04	16.57	22.95	23.98	28.42	30.00
5610MHz	Pass	5.47	17.50	17.17	17.31	16.02	23.06	23.98	28.53	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	17.41	17.28	17.30	15.97	23.05	23.98	28.52	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.45	3.39	3.25	3.17	2.16	9.04	30.00	14.49	36.00
5775MHz	Pass	5.45	21.57	22.24	20.51	21.31	27.47	30.00	32.92	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	19.59	22.19	19.54	20.30	26.57	29.57	33.00	36.00
5200MHz	Pass	6.43	22.30	24.59	22.09	22.20	28.95	29.57	35.38	36.00
5240MHz	Pass	6.43	22.32	24.69	21.82	22.16	28.93	29.57	35.36	36.00
5260MHz	Pass	5.38	17.48	17.40	17.85	16.67	23.39	23.98	28.77	30.00
5300MHz	Pass	5.38	17.16	17.28	17.55	16.77	23.22	23.98	28.60	30.00
5320MHz	Pass	5.38	17.31	17.32	17.61	16.43	23.21	23.98	28.59	30.00
5500MHz	Pass	5.47	16.07	17.76	15.27	16.17	22.44	23.98	27.91	30.00
5580MHz	Pass	5.47	17.56	17.41	17.25	16.31	23.18	23.98	28.65	30.00
5700MHz	Pass	5.47	17.99	17.12	17.62	16.79	23.42	23.98	28.89	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	16.78	16.14	16.33	15.65	22.26	22.94	27.73	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.45	11.59	10.89	11.22	10.61	17.11	30.00	22.56	36.00
5745MHz	Pass	5.45	23.56	23.82	23.53	22.94	29.49	30.00	34.94	36.00
5785MHz	Pass	5.45	23.14	23.56	23.33	22.97	29.28	30.00	34.73	36.00
5825MHz	Pass	5.45	23.03	23.51	23.28	22.66	29.15	30.00	34.60	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	14.09	15.94	13.45	14.16	20.53	29.57	26.96	36.00
5230MHz	Pass	6.43	21.90	24.15	21.52	22.31	28.62	29.57	35.05	36.00
5270MHz	Pass	5.38	16.92	19.13	16.60	16.38	23.43	23.98	28.81	30.00
5310MHz	Pass	5.38	16.53	18.76	16.36	16.25	23.13	23.98	28.51	30.00

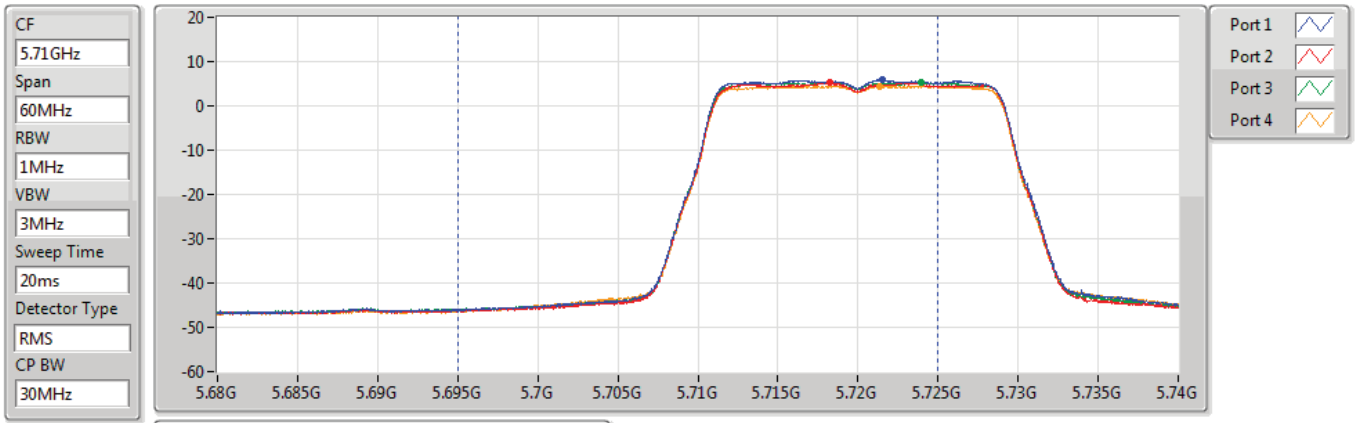
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5510MHz	Pass	5.47	16.84	18.27	16.02	16.46	23.00	23.98	28.47	30.00
5550MHz	Pass	5.47	18.07	17.38	17.31	16.58	23.39	23.98	28.86	30.00
5670MHz	Pass	5.47	17.50	17.70	17.53	16.19	23.29	23.98	28.76	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.47	17.45	17.48	17.41	16.14	23.18	23.98	28.65	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.45	7.70	7.76	7.76	6.50	13.48	30.00	18.93	36.00
5755MHz	Pass	5.45	23.56	23.36	23.57	23.21	29.45	30.00	34.90	36.00
5795MHz	Pass	5.45	23.36	23.26	23.48	22.91	29.28	30.00	34.73	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	15.93	17.65	15.69	15.38	22.28	29.57	28.71	36.00
5290MHz	Pass	5.38	16.20	18.77	15.59	16.11	22.88	23.98	28.26	30.00
5530MHz	Pass	5.47	16.86	18.36	16.13	16.37	23.04	23.98	28.51	30.00
5610MHz	Pass	5.47	17.86	17.49	17.52	16.28	23.35	23.98	28.82	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	17.61	17.40	17.53	16.00	23.20	23.98	28.67	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.45	4.22	3.90	4.01	2.89	9.80	30.00	15.25	36.00
5775MHz	Pass	5.45	21.98	22.12	20.65	21.48	27.62	30.00	33.07	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.43	12.11	14.50	12.88	12.37	19.09	29.57	25.52	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.38	12.29	14.24	11.81	11.98	18.72	23.98	24.10	30.00
5570MHz	Pass	5.47	14.70	16.20	14.72	14.23	21.05	23.98	26.52	30.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020

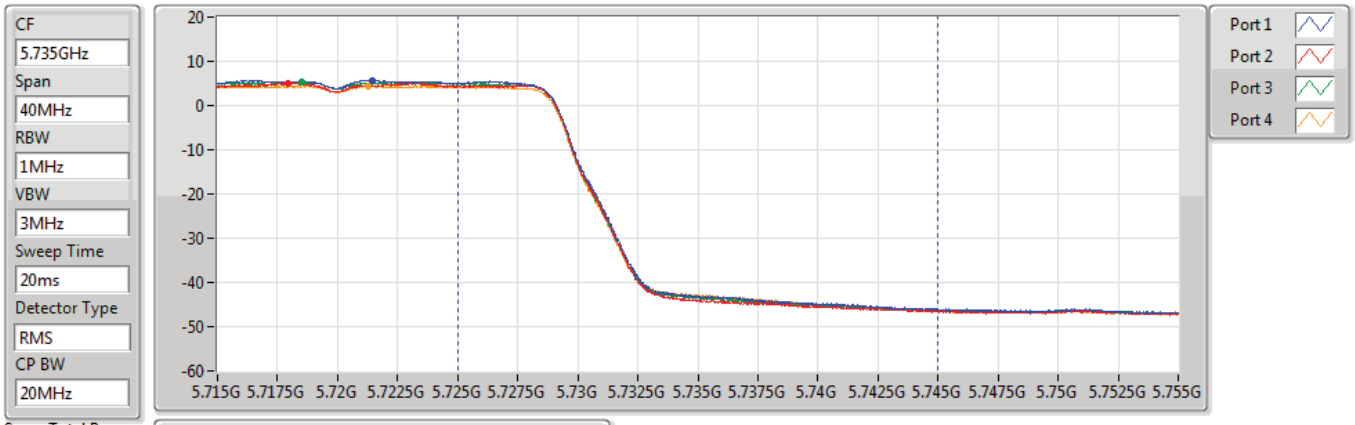


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.86	16.37	15.69	15.99	15.24

802.11ac VHT20-BF_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020

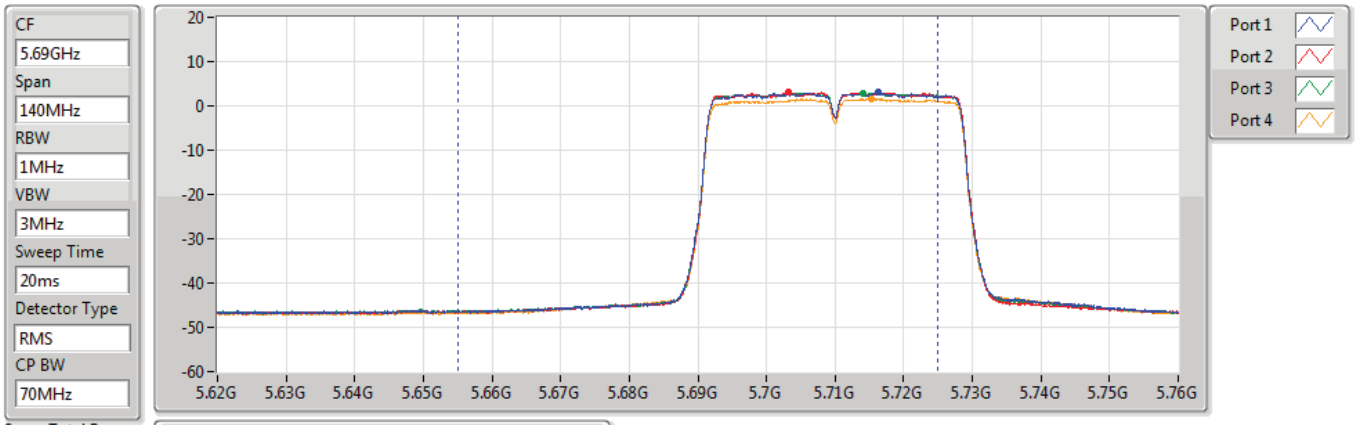


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.21	10.71	10.02	10.32	9.62

802.11ac VHT40-BF_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020

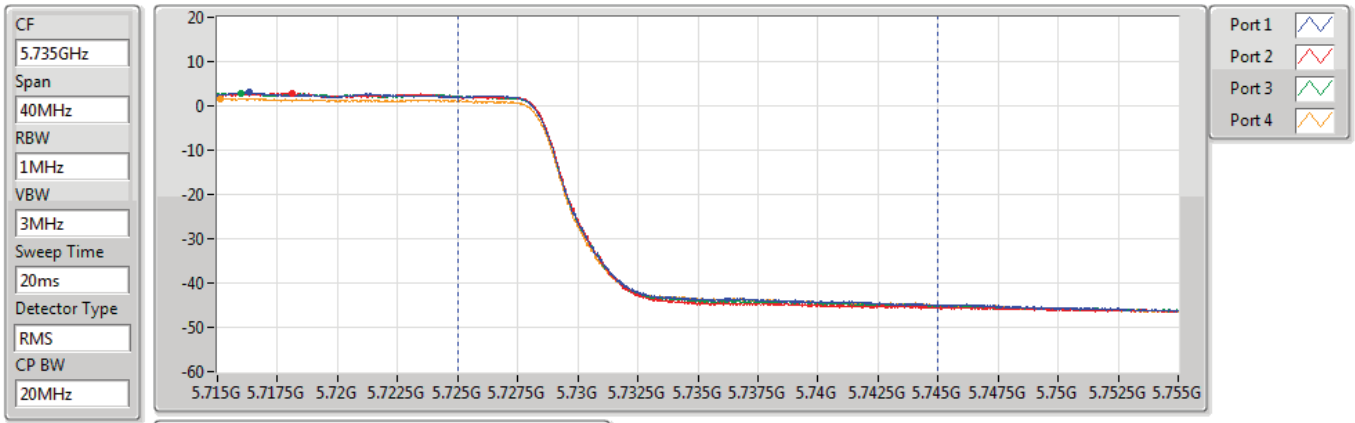


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.93	17.13	17.25	17.25	15.87

802.11ac VHT40-BF_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020

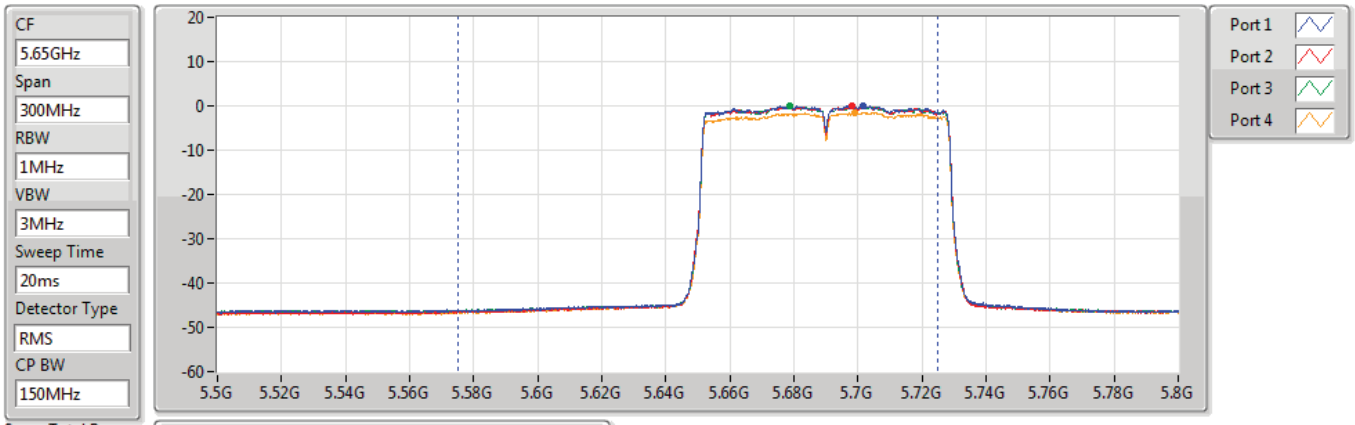


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.61	6.92	6.82	6.77	5.76

802.11ac VHT80-BF_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



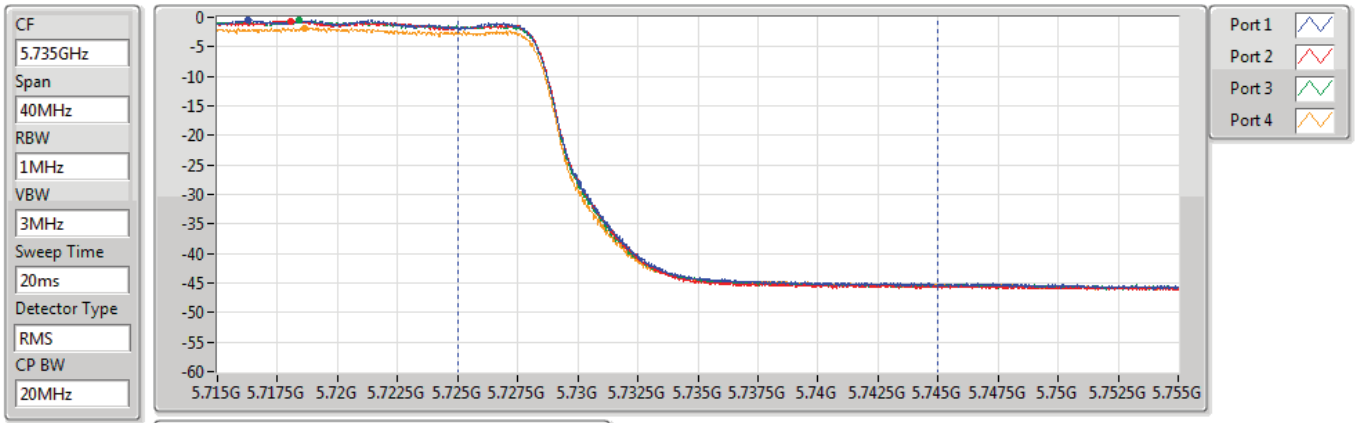
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.05	17.41	17.28	17.30	15.97

802.11ac VHT80-BF_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



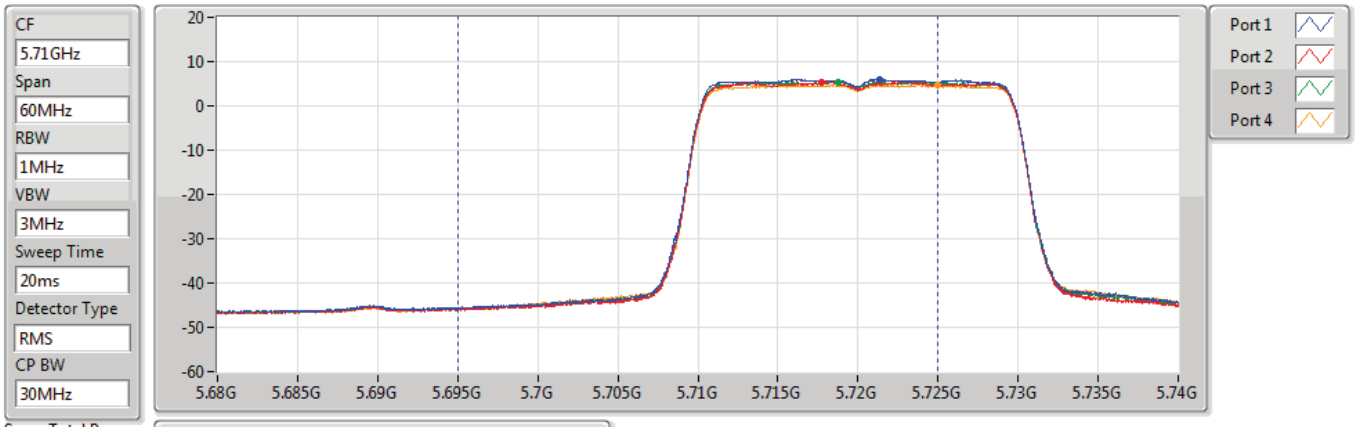
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.04	3.39	3.25	3.17	2.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



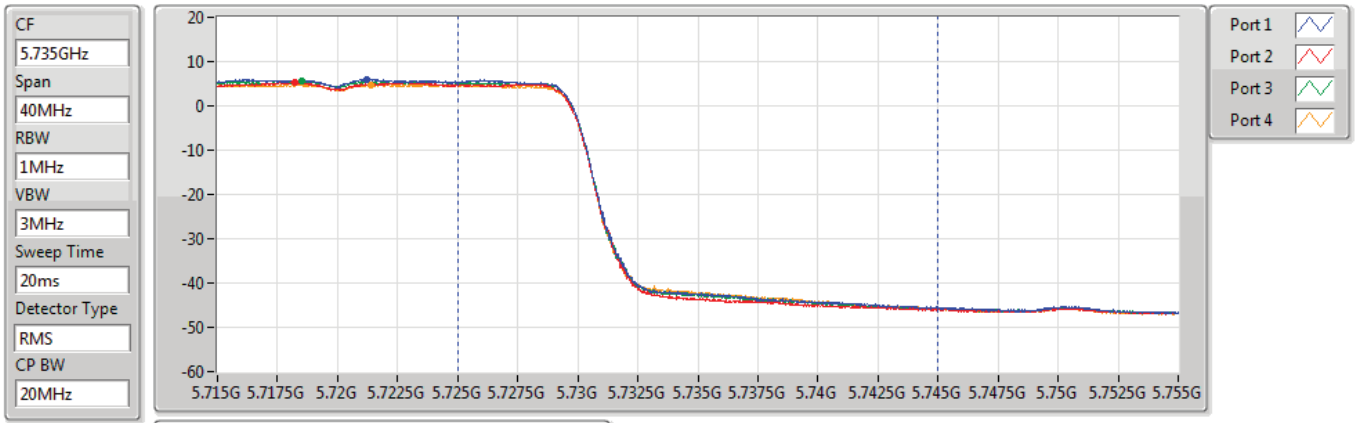
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.26	16.78	16.14	16.33	15.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX — AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



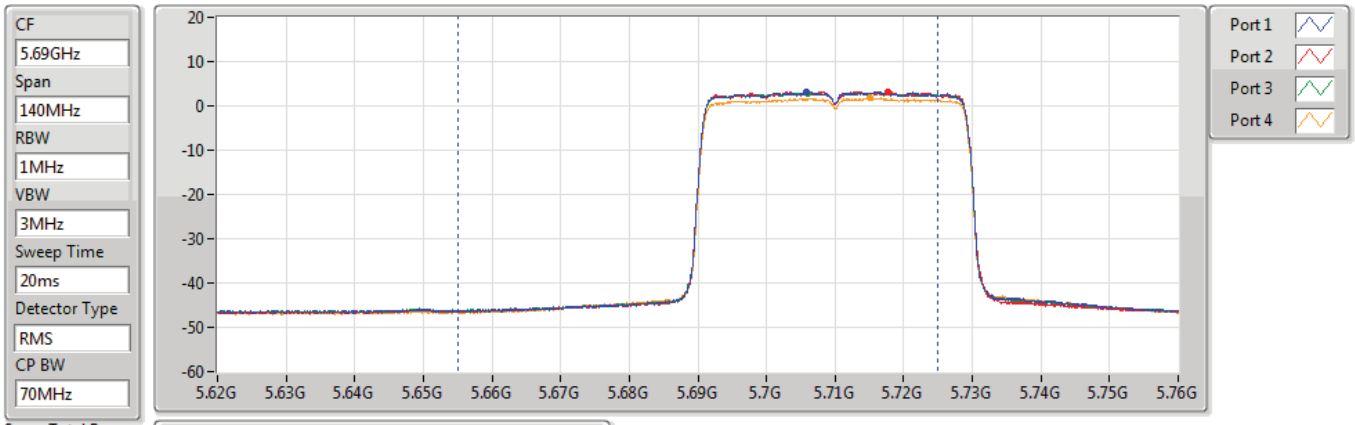
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.11	11.59	10.89	11.22	10.61

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



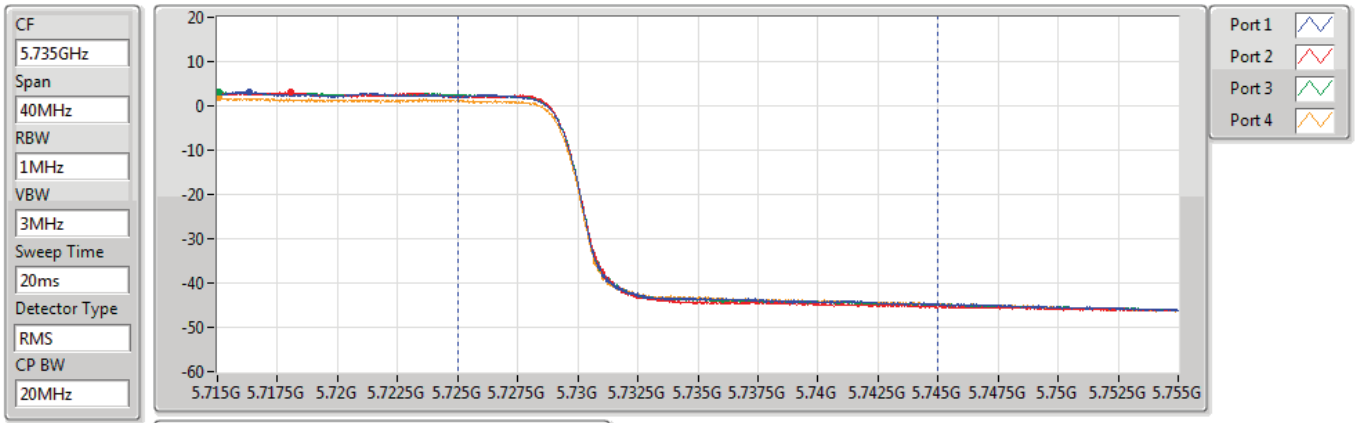
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.18	17.45	17.48	17.41	16.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX — AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



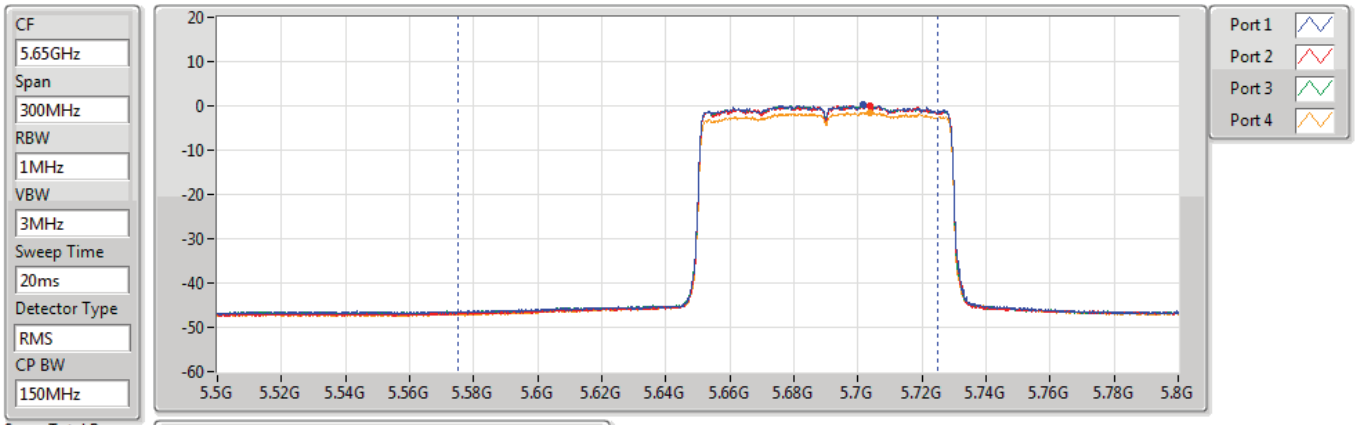
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.48	7.70	7.76	7.76	6.50

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

04/08/2020



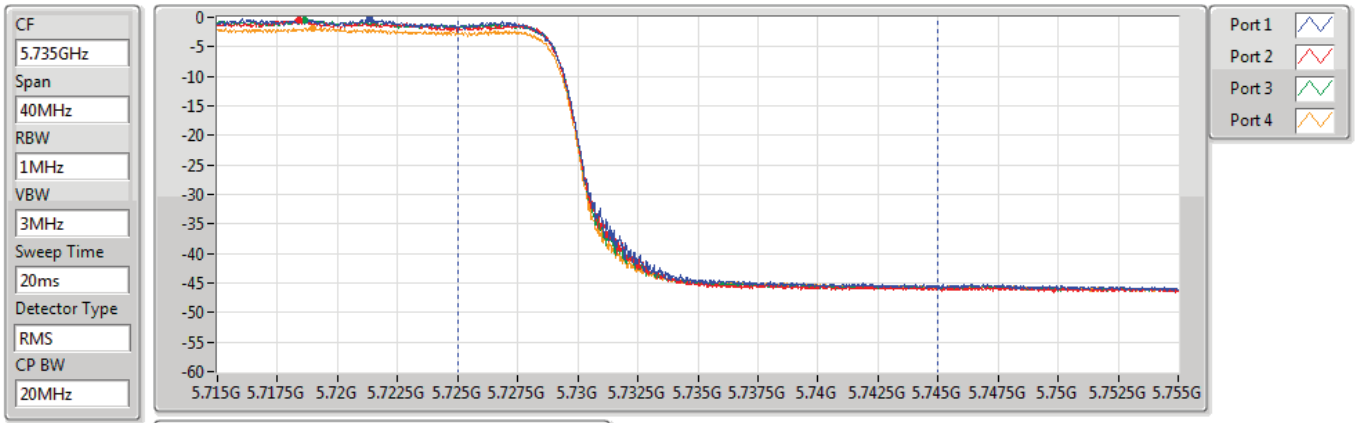
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.20	17.61	17.40	17.53	16.00

802.11ax HEW80-BF_Nss1,(MCS0)_4TX — AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

04/08/2020



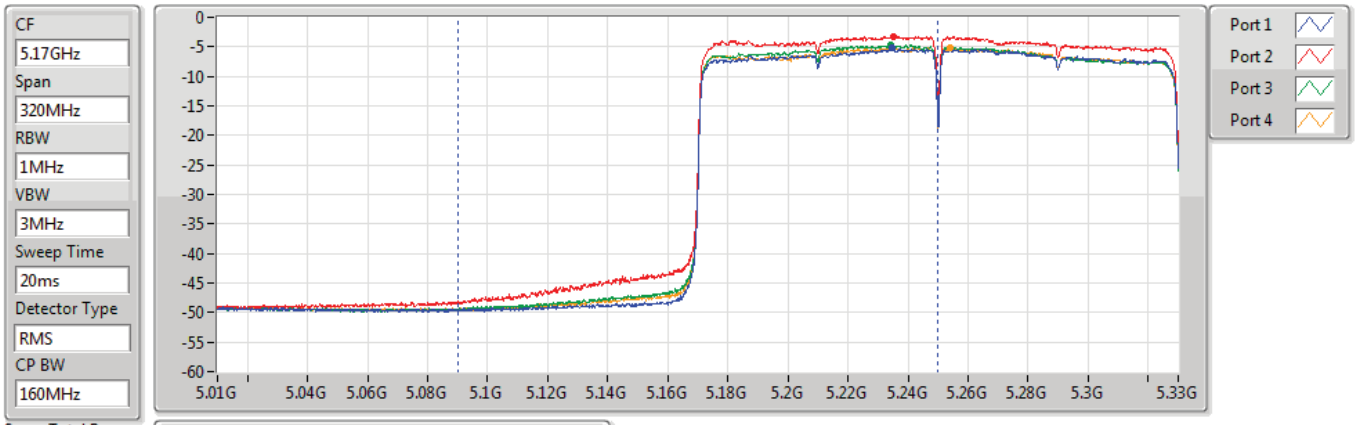
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.80	4.22	3.90	4.01	2.89

802.11ax HEW160-BF_Nss1,(MCS0)_4TX — AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

29/07/2020



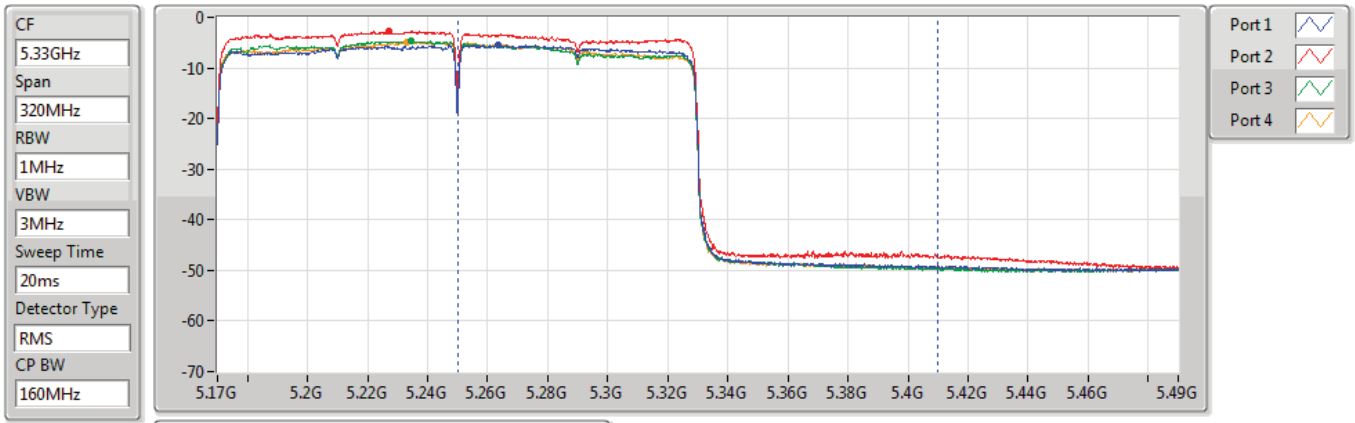
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.09	12.11	14.50	12.88	12.37

802.11ax HEW160-BF_Nss1,(MCS0)_4TX — AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

29/07/2020



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.72	12.29	14.24	11.81	11.98

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.52	22.95
802.11ac VHT20_Nss1,(MCS0)_4TX	15.93	22.36
802.11ac VHT40_Nss1,(MCS0)_4TX	12.37	18.80
802.11ac VHT80_Nss1,(MCS0)_4TX	3.14	9.57
802.11ax HEW20_Nss1,(MCS0)_4TX	15.90	22.33
802.11ax HEW40_Nss1,(MCS0)_4TX	12.58	19.01
802.11ax HEW80_Nss1,(MCS0)_4TX	3.24	9.67
802.11ax HEW160_Nss1,(MCS0)_4TX	0.61	7.04
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.61	15.99
802.11ac VHT20_Nss1,(MCS0)_4TX	9.93	15.31
802.11ac VHT40_Nss1,(MCS0)_4TX	6.81	12.19
802.11ac VHT80_Nss1,(MCS0)_4TX	4.05	9.43
802.11ax HEW20_Nss1,(MCS0)_4TX	10.04	15.42
802.11ax HEW40_Nss1,(MCS0)_4TX	7.18	12.56
802.11ax HEW80_Nss1,(MCS0)_4TX	4.30	9.68
802.11ax HEW160_Nss1,(MCS0)_4TX	0.63	6.01
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.87	16.34
802.11ac VHT20_Nss1,(MCS0)_4TX	10.04	15.51
802.11ac VHT40_Nss1,(MCS0)_4TX	7.18	12.65
802.11ac VHT80_Nss1,(MCS0)_4TX	4.31	9.78
802.11ax HEW20_Nss1,(MCS0)_4TX	9.97	15.44
802.11ax HEW40_Nss1,(MCS0)_4TX	7.23	12.70
802.11ax HEW80_Nss1,(MCS0)_4TX	4.54	10.01
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.30	5.17
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.09	20.54
802.11ac VHT20_Nss1,(MCS0)_4TX	14.37	19.82
802.11ac VHT40_Nss1,(MCS0)_4TX	11.47	16.92
802.11ac VHT80_Nss1,(MCS0)_4TX	8.33	13.78
802.11ax HEW20_Nss1,(MCS0)_4TX	14.50	19.95
802.11ax HEW40_Nss1,(MCS0)_4TX	11.56	17.01
802.11ax HEW80_Nss1,(MCS0)_4TX	8.33	13.78

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	8.86	9.20	8.93	8.11	14.69	16.57	21.12	23.00
5200MHz	Pass	6.43	10.57	10.83	10.55	9.92	16.42	16.57	22.85	23.00
5240MHz	Pass	6.43	10.57	11.07	10.76	9.98	16.52	16.57	22.95	23.00
5260MHz	Pass	5.38	4.66	5.13	4.66	4.00	10.60	11.00	15.98	17.00
5300MHz	Pass	5.38	4.63	5.21	4.89	4.14	10.61	11.00	15.99	17.00
5320MHz	Pass	5.38	4.61	5.03	4.66	3.93	10.49	11.00	15.87	17.00
5500MHz	Pass	5.47	5.18	5.04	5.24	3.98	10.75	11.00	16.22	17.00
5580MHz	Pass	5.47	5.29	5.48	5.10	3.92	10.84	11.00	16.31	17.00
5700MHz	Pass	5.47	5.38	5.05	5.17	4.10	10.87	11.00	16.34	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	4.88	4.05	4.61	3.43	10.10	11.00	15.57	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.45	3.04	2.50	2.81	1.69	8.50	30.00	13.95	36.00
5745MHz	Pass	5.45	9.35	9.56	9.27	8.39	15.07	30.00	20.52	36.00
5785MHz	Pass	5.45	9.33	9.46	9.25	8.51	15.03	30.00	20.48	36.00
5825MHz	Pass	5.45	9.44	9.39	9.31	8.43	15.09	30.00	20.54	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	7.93	8.06	7.82	7.12	13.64	16.57	20.07	23.00
5200MHz	Pass	6.43	10.29	10.24	10.39	9.11	15.93	16.57	22.36	23.00
5240MHz	Pass	6.43	10.33	10.09	10.25	9.17	15.91	16.57	22.34	23.00
5260MHz	Pass	5.38	4.48	3.94	4.36	3.07	9.93	11.00	15.31	17.00
5300MHz	Pass	5.38	4.19	3.77	4.27	2.85	9.76	11.00	15.14	17.00
5320MHz	Pass	5.38	4.14	3.77	4.31	2.84	9.68	11.00	15.06	17.00
5500MHz	Pass	5.47	4.53	4.37	4.37	3.07	10.04	11.00	15.51	17.00
5580MHz	Pass	5.47	4.33	4.26	4.03	2.79	9.76	11.00	15.23	17.00
5700MHz	Pass	5.47	3.85	3.17	2.53	2.27	8.79	11.00	14.26	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	4.63	3.84	4.10	2.87	9.76	11.00	15.23	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.45	2.95	1.89	2.40	1.12	7.94	30.00	13.39	36.00
5745MHz	Pass	5.45	8.87	9.05	8.64	7.70	14.35	30.00	19.80	36.00
5785MHz	Pass	5.45	8.68	8.98	8.62	7.64	14.37	30.00	19.82	36.00
5825MHz	Pass	5.45	8.60	8.90	8.41	7.65	14.25	30.00	19.70	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	1.21	1.07	0.87	0.46	6.81	16.57	13.24	23.00
5230MHz	Pass	6.43	6.73	6.76	6.36	6.10	12.37	16.57	18.80	23.00
5270MHz	Pass	5.38	1.22	1.06	1.10	0.19	6.74	11.00	12.12	17.00
5310MHz	Pass	5.38	1.24	1.10	1.12	0.44	6.81	11.00	12.19	17.00
5510MHz	Pass	5.47	1.97	1.45	1.14	0.35	7.18	11.00	12.65	17.00
5550MHz	Pass	5.47	1.91	1.33	0.92	0.27	7.09	11.00	12.56	17.00
5670MHz	Pass	5.47	1.44	1.54	1.33	-0.15	6.99	11.00	12.46	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.47	1.44	1.57	1.47	0.11	6.99	11.00	12.46	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.45	-0.60	-0.70	-1.09	-2.00	4.77	30.00	10.22	36.00
5755MHz	Pass	5.45	5.68	5.69	5.73	5.08	11.47	30.00	16.92	36.00
5795MHz	Pass	5.45	5.50	5.50	5.31	5.15	11.31	30.00	16.76	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	-2.65	-2.73	-2.33	-3.37	3.14	16.57	9.57	23.00
5290MHz	Pass	5.38	-1.51	-1.77	-1.58	-2.31	4.05	11.00	9.43	17.00
5530MHz	Pass	5.47	-0.90	-1.64	-1.73	-2.52	4.28	11.00	9.75	17.00
5610MHz	Pass	5.47	-1.18	-1.23	-1.64	-2.64	4.31	11.00	9.78	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	-1.47	-1.60	-1.96	-2.93	3.95	11.00	9.42	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.45	-3.83	-4.26	-4.62	-5.47	1.31	30.00	6.76	36.00
5775MHz	Pass	5.45	2.82	2.99	1.52	1.89	8.33	30.00	13.78	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.43	8.11	8.16	8.20	7.21	13.85	16.57	20.28	23.00
5200MHz	Pass	6.43	10.13	10.11	10.27	9.34	15.90	16.57	22.33	23.00
5240MHz	Pass	6.43	10.29	9.96	10.26	9.23	15.87	16.57	22.30	23.00
5260MHz	Pass	5.38	4.74	3.85	4.50	3.27	10.04	11.00	15.42	17.00

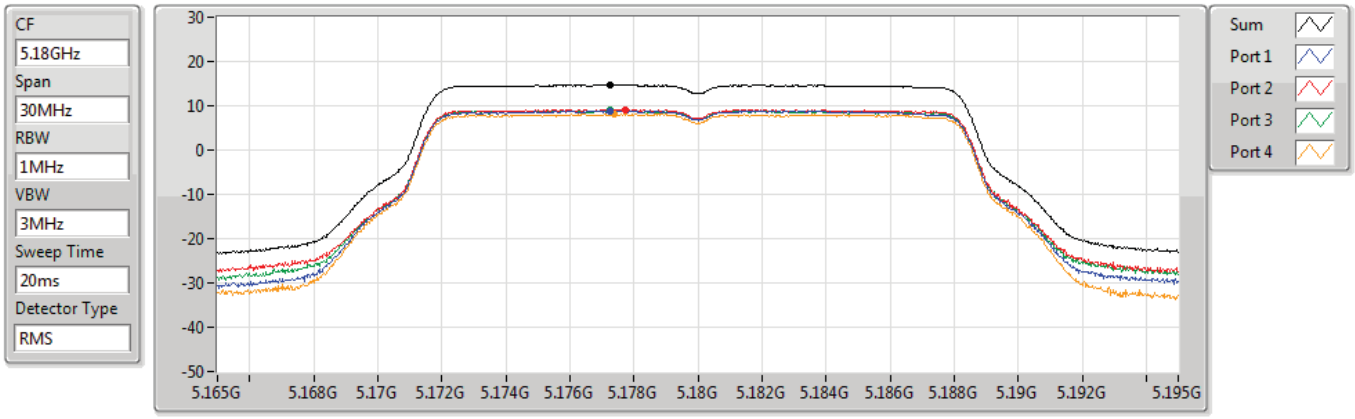
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5300MHz	Pass	5.38	4.28	3.54	4.35	3.02	9.73	11.00	15.11	17.00
5320MHz	Pass	5.38	4.32	3.69	4.38	3.05	9.76	11.00	15.14	17.00
5500MHz	Pass	5.47	4.49	4.31	4.32	2.85	9.97	11.00	15.44	17.00
5580MHz	Pass	5.47	4.33	4.25	4.11	2.73	9.81	11.00	15.28	17.00
5700MHz	Pass	5.47	3.58	2.95	3.03	2.26	8.86	11.00	14.33	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.47	4.77	3.80	4.12	3.03	9.85	11.00	15.32	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.45	2.86	1.76	2.19	1.12	7.93	30.00	13.38	36.00
5745MHz	Pass	5.45	8.87	8.83	8.74	7.65	14.39	30.00	19.84	36.00
5785MHz	Pass	5.45	8.89	8.99	8.71	7.78	14.50	30.00	19.95	36.00
5825MHz	Pass	5.45	8.73	8.81	8.48	7.48	14.28	30.00	19.73	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.43	1.40	1.30	1.04	0.55	7.00	16.57	13.43	23.00
5230MHz	Pass	6.43	7.00	7.07	6.59	6.28	12.58	16.57	19.01	23.00
5270MHz	Pass	5.38	1.52	1.11	1.62	0.10	6.99	11.00	12.37	17.00
5310MHz	Pass	5.38	1.83	1.20	1.71	0.19	7.18	11.00	12.56	17.00
5510MHz	Pass	5.47	2.10	1.31	1.35	0.13	7.19	11.00	12.66	17.00
5550MHz	Pass	5.47	2.09	1.25	1.26	0.33	7.15	11.00	12.62	17.00
5670MHz	Pass	5.47	1.73	1.60	1.59	-0.32	7.08	11.00	12.55	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.47	1.70	1.78	1.41	0.24	7.23	11.00	12.70	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.45	-0.24	-0.09	-0.65	-1.57	5.16	30.00	10.61	36.00
5755MHz	Pass	5.45	5.90	5.80	5.62	5.18	11.53	30.00	16.98	36.00
5795MHz	Pass	5.45	5.89	5.71	5.49	5.49	11.56	30.00	17.01	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.43	-2.55	-2.63	-2.13	-3.37	3.24	16.57	9.67	23.00
5290MHz	Pass	5.38	-1.36	-1.40	-1.39	-1.98	4.30	11.00	9.68	17.00
5530MHz	Pass	5.47	-0.58	-1.41	-1.52	-2.07	4.54	11.00	10.01	17.00
5610MHz	Pass	5.47	-0.93	-0.97	-1.53	-2.41	4.53	11.00	10.00	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	-0.88	-1.26	-1.60	-2.56	4.35	11.00	9.82	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.45	-3.69	-3.59	-4.25	-5.00	1.76	30.00	7.21	36.00
5775MHz	Pass	5.45	2.76	2.89	1.93	1.91	8.33	30.00	13.78	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.43	-4.78	-5.21	-4.98	-5.98	0.61	16.57	7.04	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.38	-4.93	-5.18	-5.12	-5.98	0.63	11.00	6.01	17.00
5570MHz	Pass	5.47	-5.56	-6.08	-6.17	-6.84	-0.30	11.00	5.17	17.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

25/07/2020

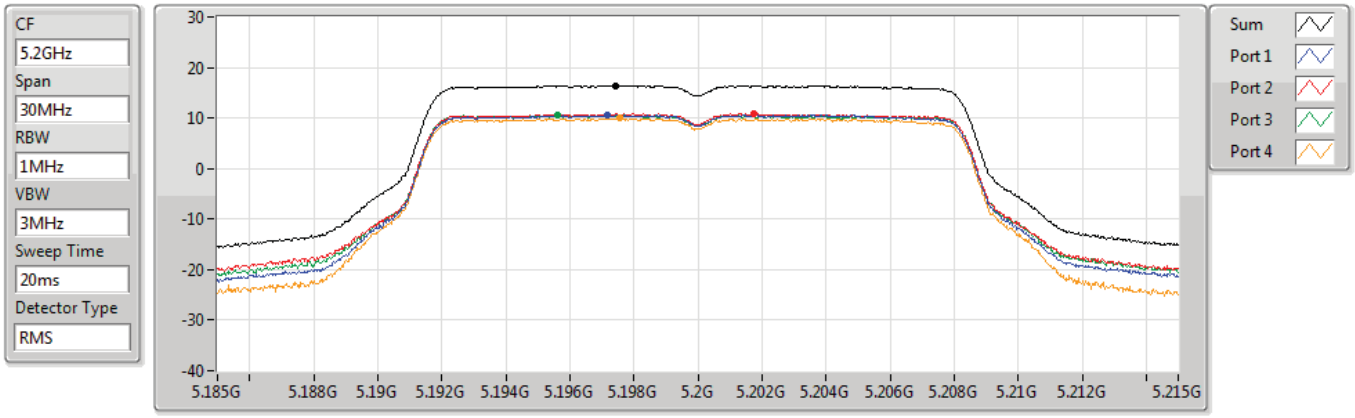


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.69	14.69	8.86	9.20	8.93	8.11

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

25/07/2020

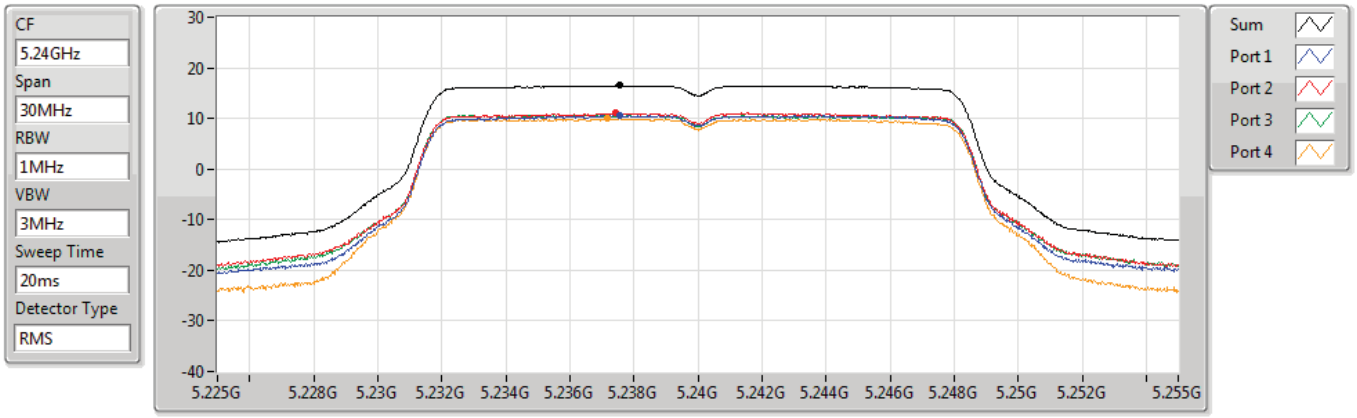


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.42	16.42	10.57	10.83	10.55	9.92

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

25/07/2020

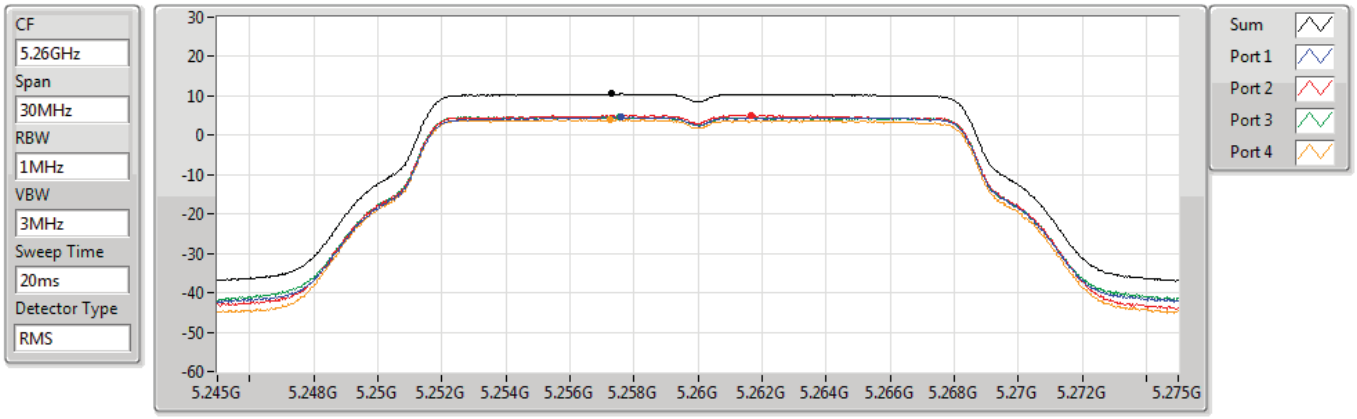


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.52	16.52	10.57	11.07	10.76	9.98

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

25/07/2020

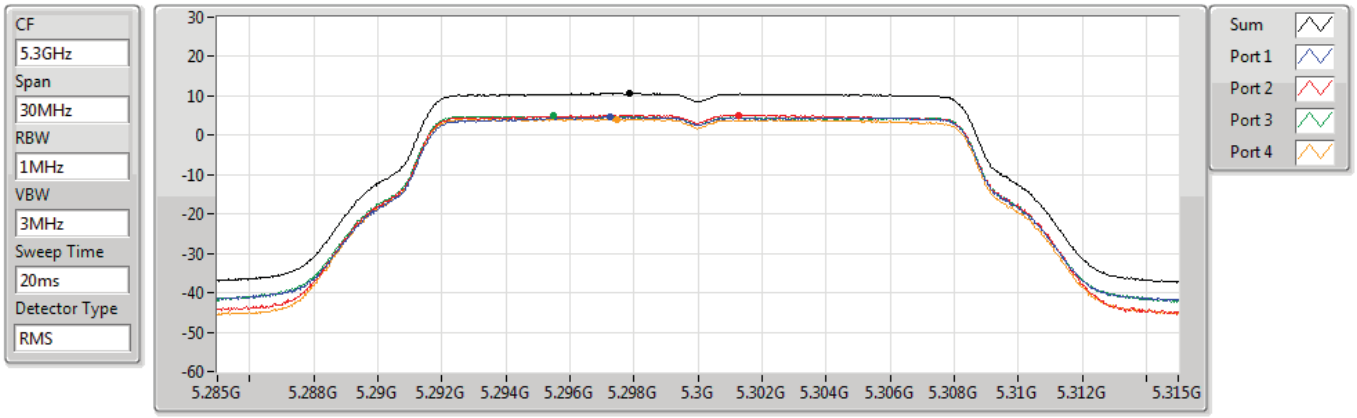


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	4.66	5.13	4.66	4.00

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

25/07/2020

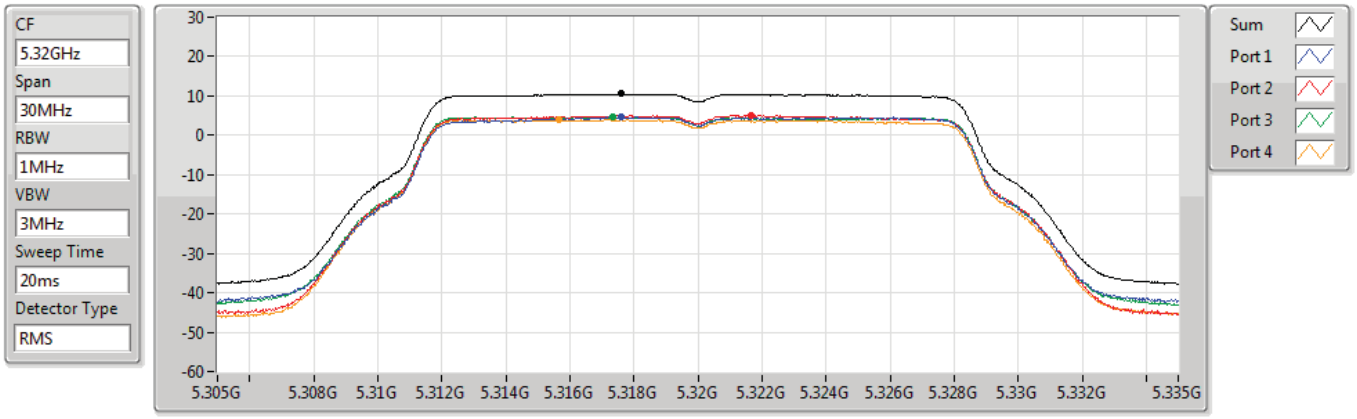


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.61	10.61	4.63	5.21	4.89	4.14

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

25/07/2020

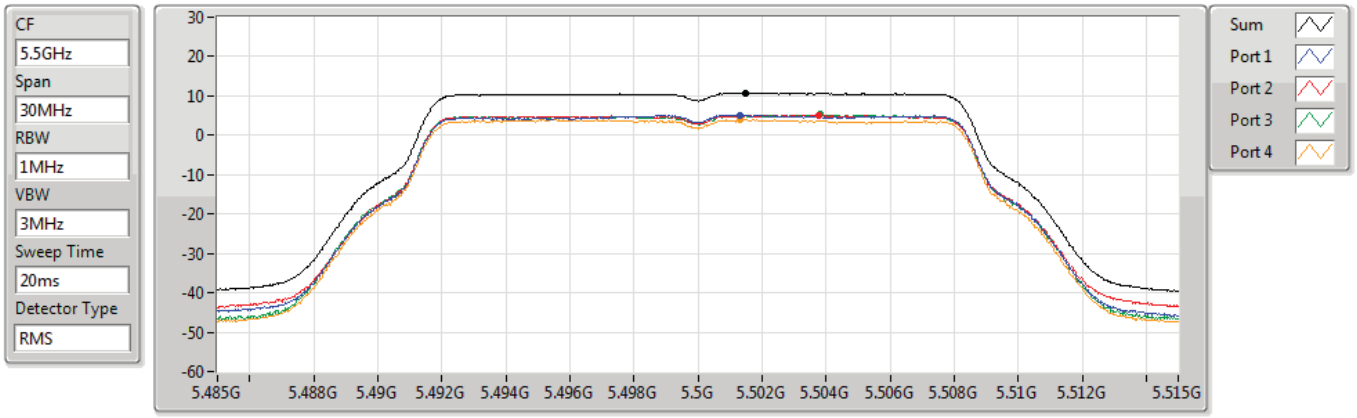


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	4.61	5.03	4.66	3.93

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

25/07/2020

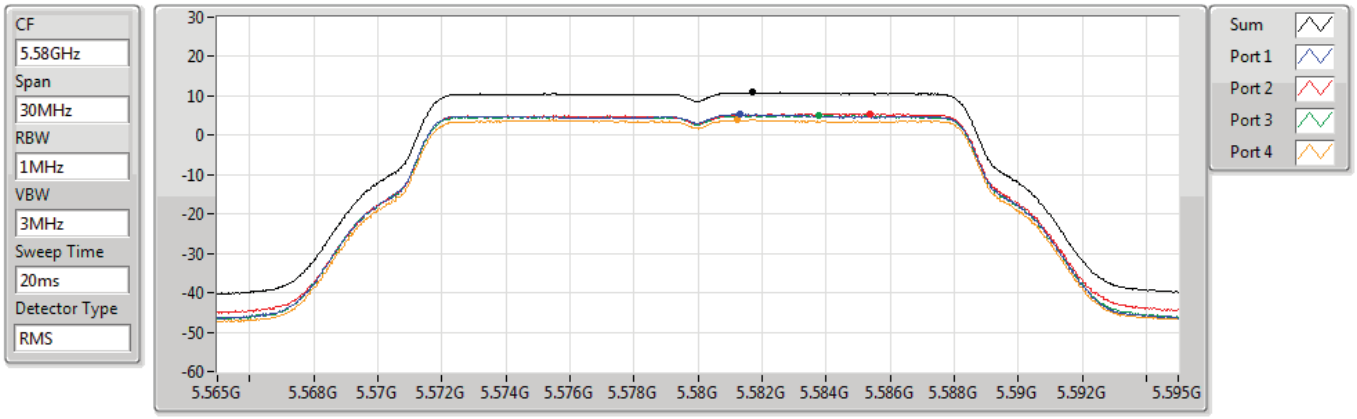


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	5.18	5.04	5.24	3.98

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

25/07/2020

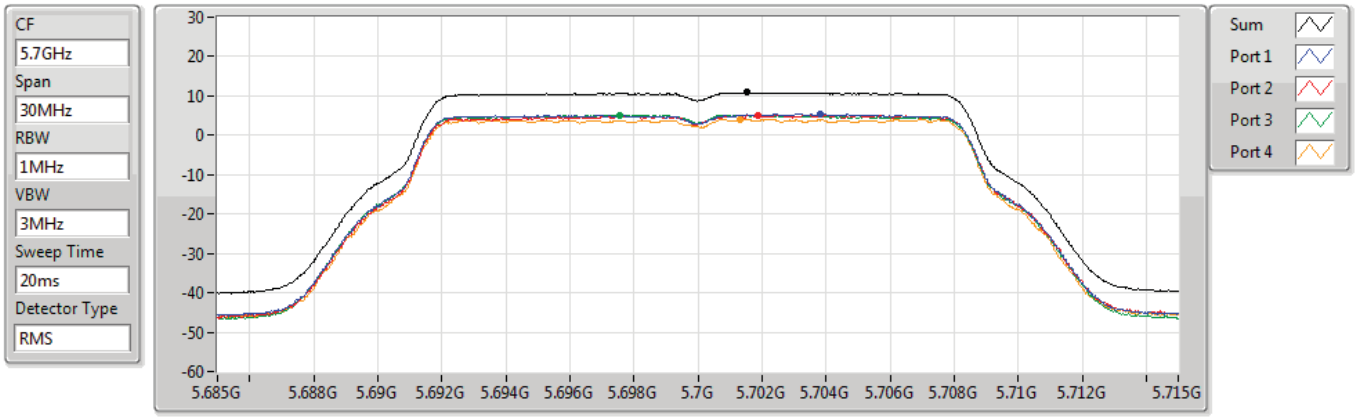


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.84	10.84	5.29	5.48	5.10	3.92

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

25/07/2020

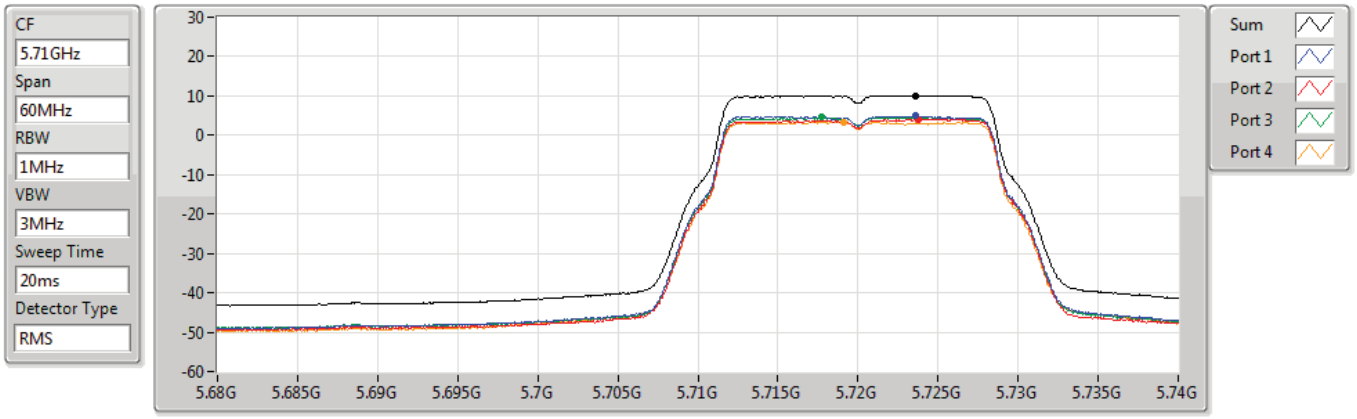


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	5.38	5.05	5.17	4.10

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

04/08/2020

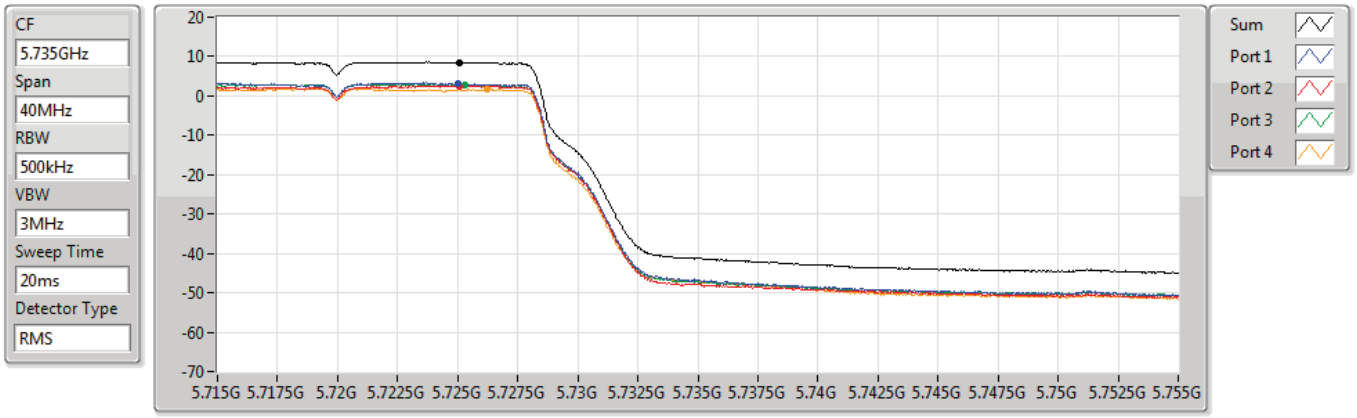


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	4.88	4.05	4.61	3.43

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

04/08/2020

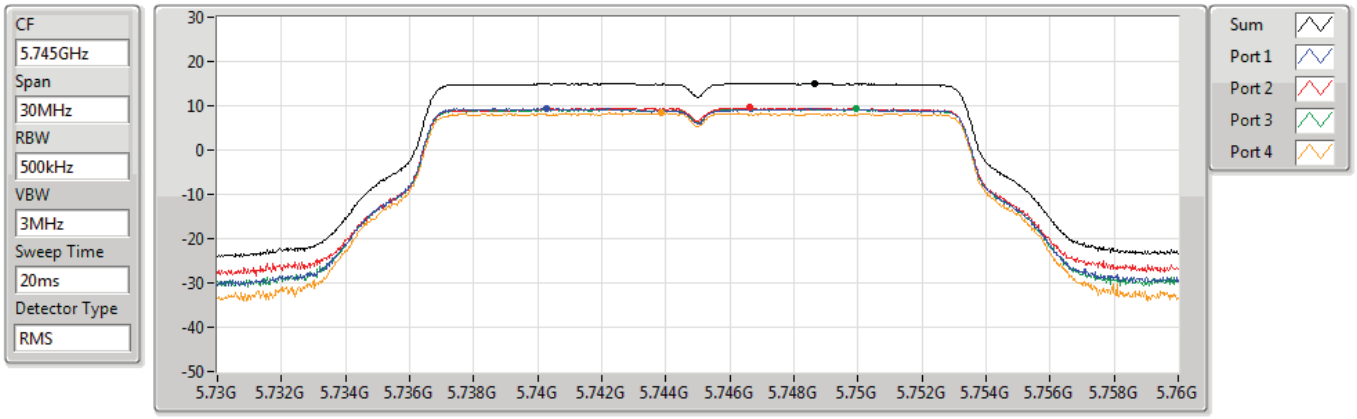


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	3.04	2.50	2.81	1.69

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

04/08/2020

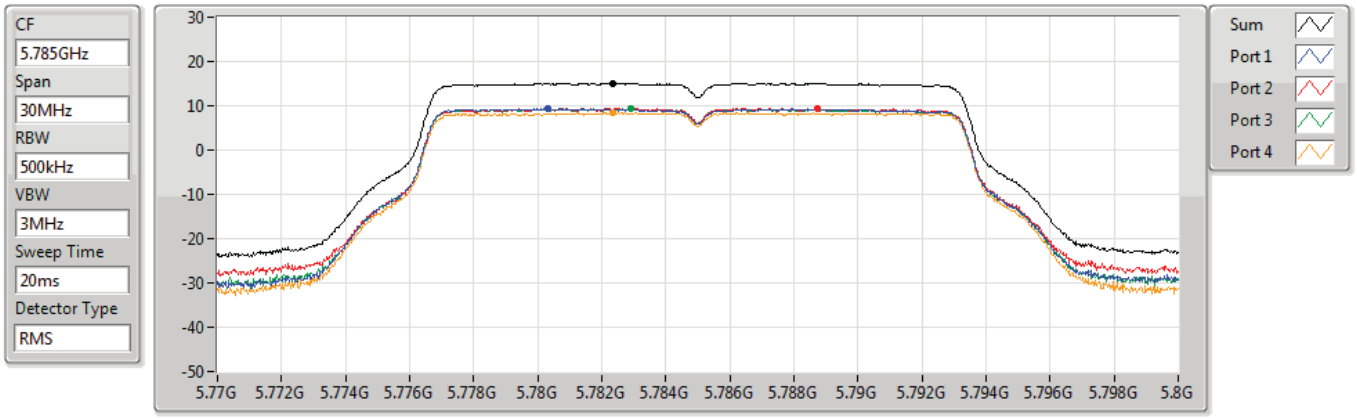


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.07	15.07	9.35	9.56	9.27	8.39

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

04/08/2020

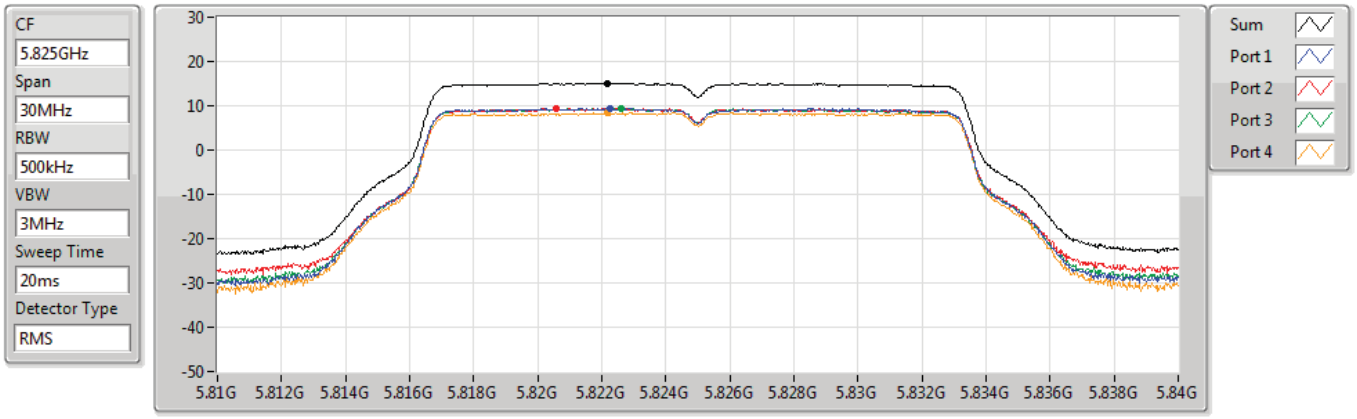


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.03	15.03	9.33	9.46	9.25	8.51

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

04/08/2020

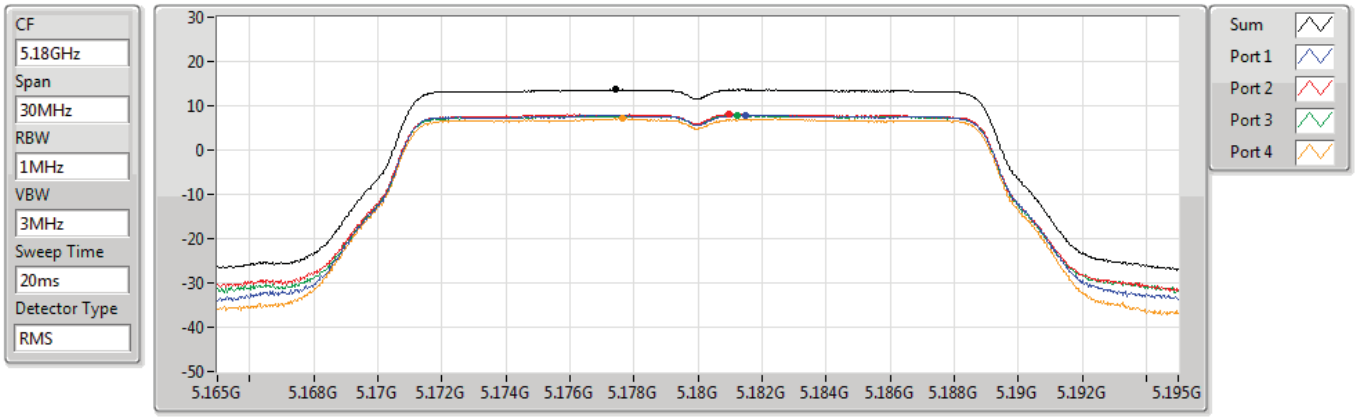


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.09	15.09	9.44	9.39	9.31	8.43

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5180MHz

27/07/2020

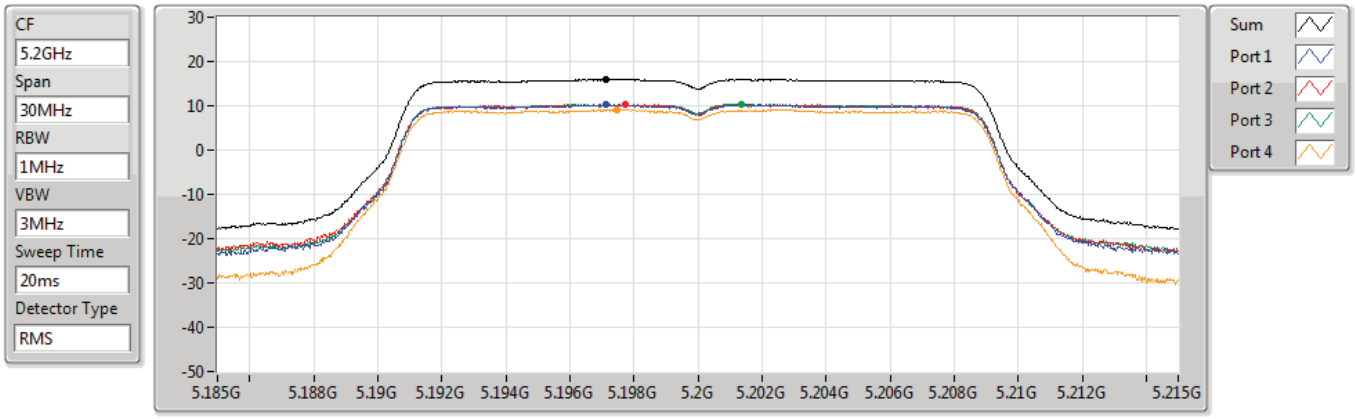


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.64	13.64	7.93	8.06	7.82	7.12

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5200MHz

04/08/2020

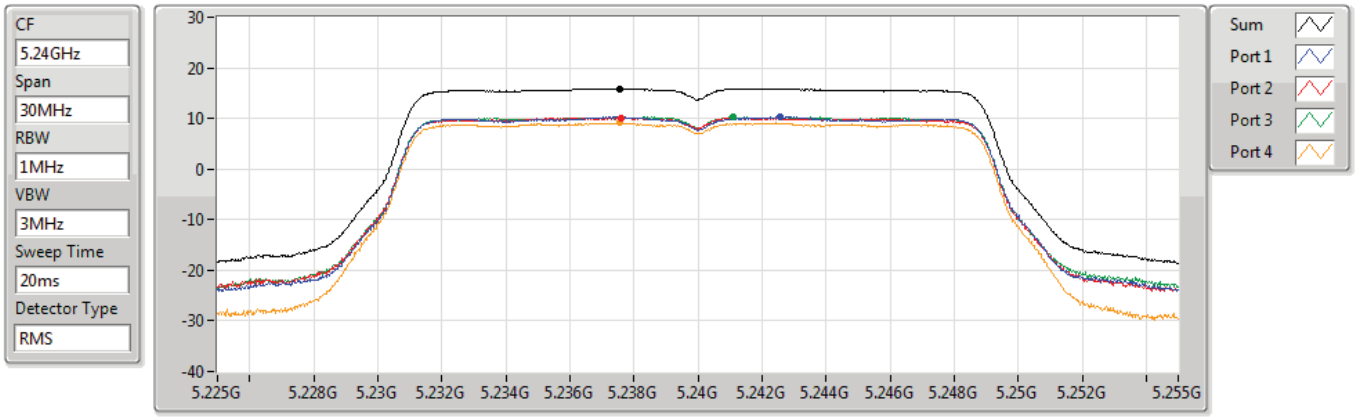


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.93	15.93	10.29	10.24	10.39	9.11

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5240MHz

04/08/2020

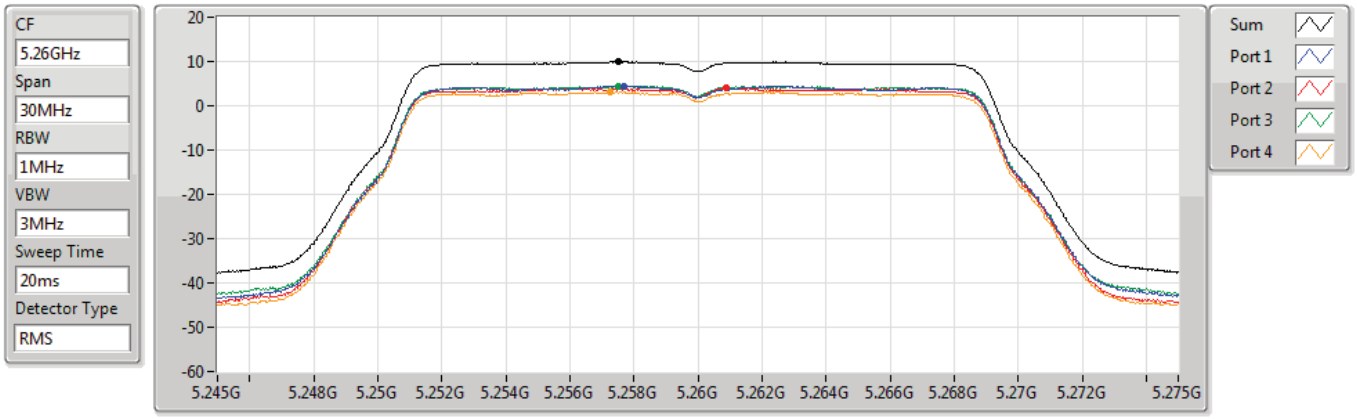


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.91	15.91	10.33	10.09	10.25	9.17

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5260MHz

04/08/2020

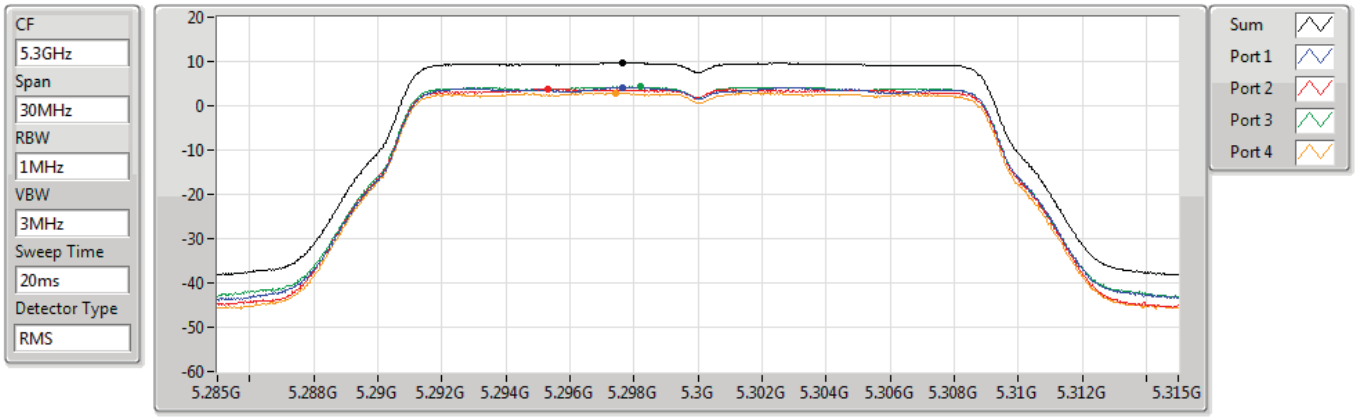


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	4.48	3.94	4.36	3.07

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5300MHz

04/08/2020

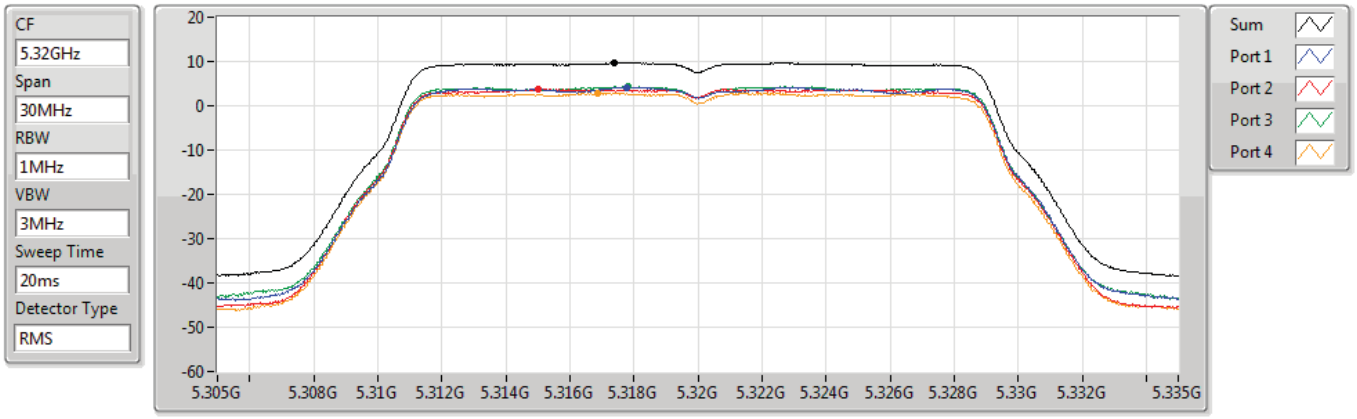


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	4.19	3.77	4.27	2.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5320MHz

04/08/2020

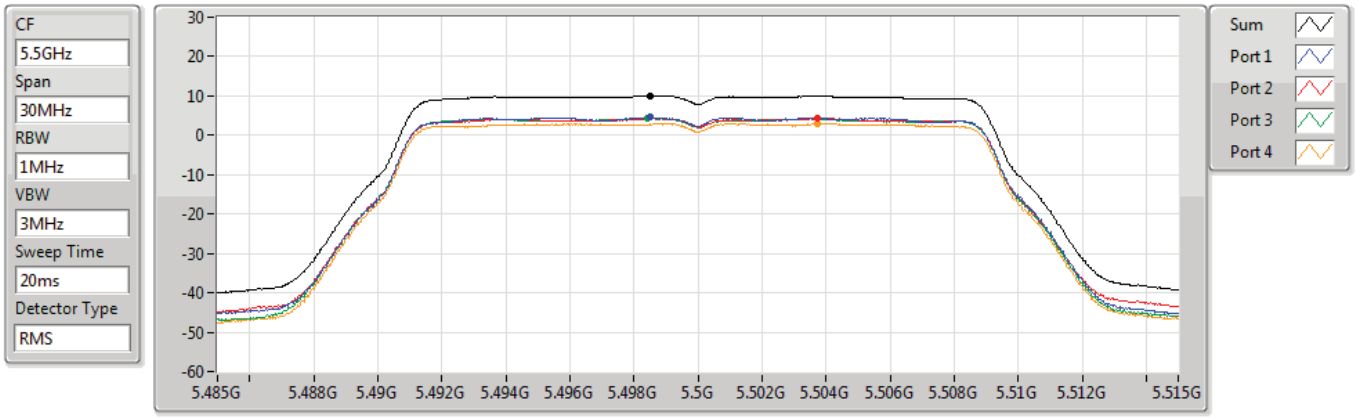


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	4.14	3.77	4.31	2.84

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5500MHz

04/08/2020

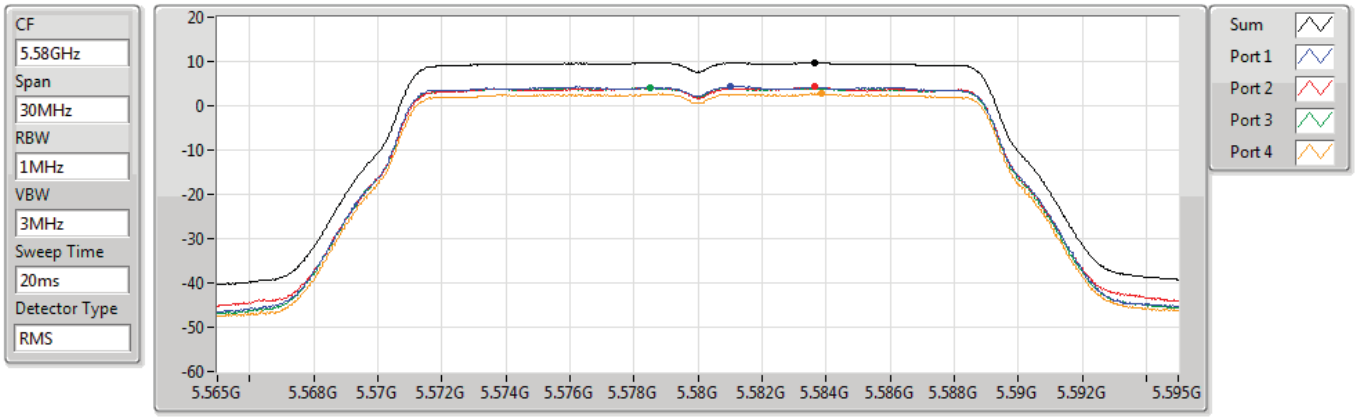


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	4.53	4.37	4.37	3.07

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5580MHz

04/08/2020

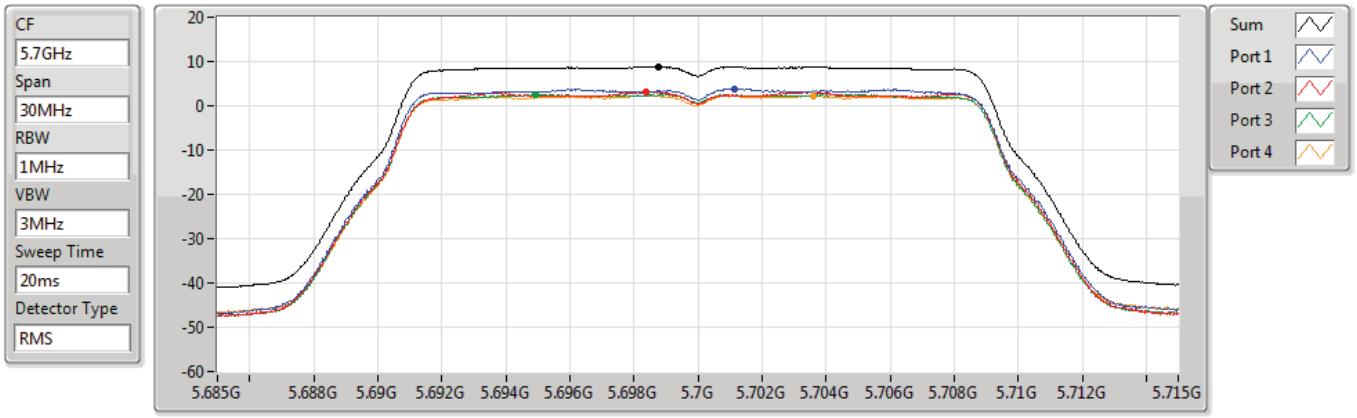


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	4.33	4.26	4.03	2.79

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5700MHz

27/07/2020

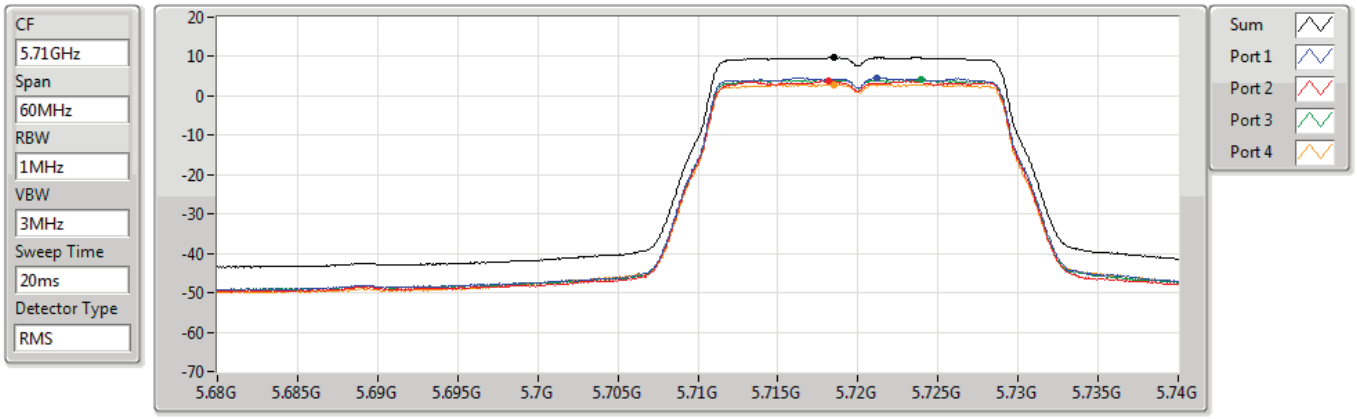


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	3.85	3.17	2.53	2.27

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

04/08/2020

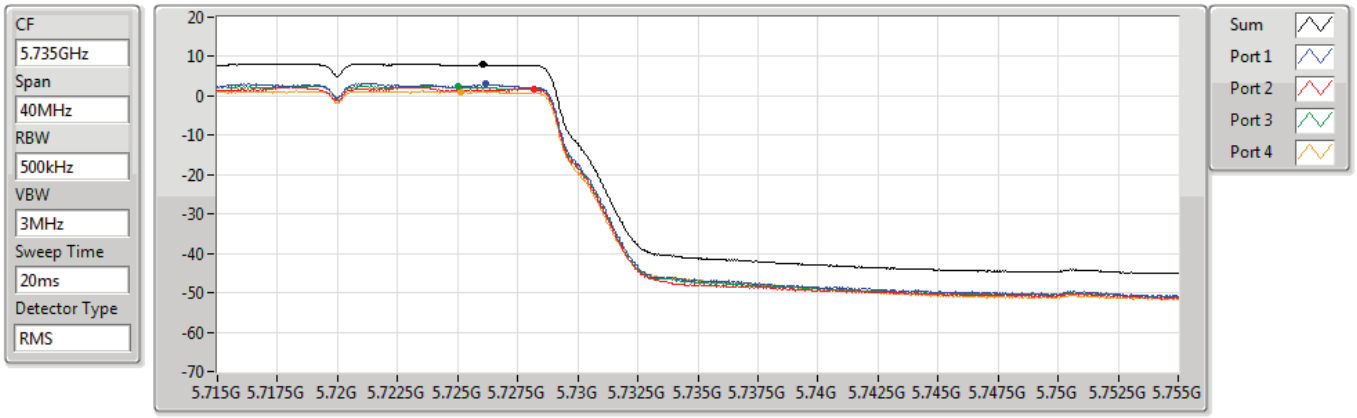


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	4.63	3.84	4.10	2.87

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

04/08/2020

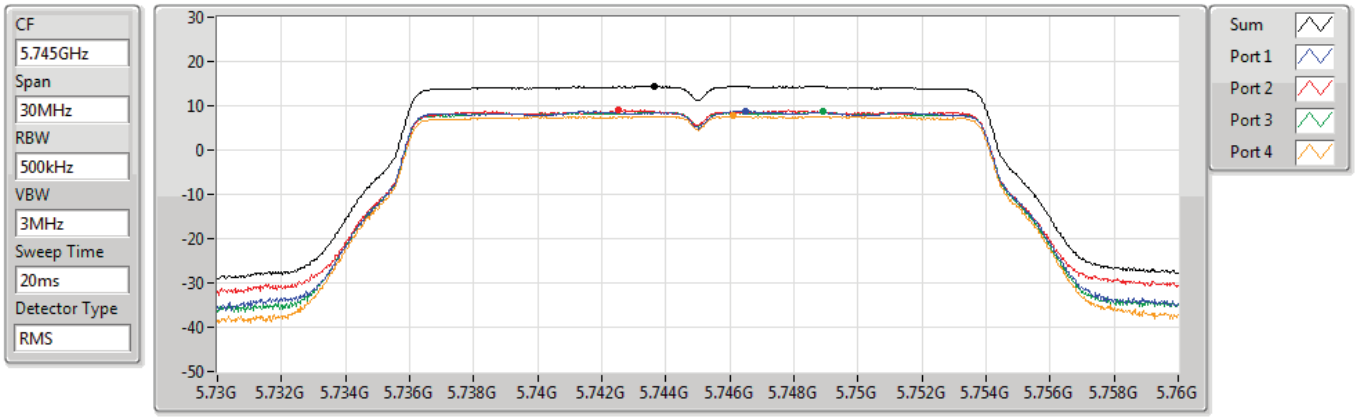


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.95	1.89	2.40	1.12

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5745MHz

04/08/2020

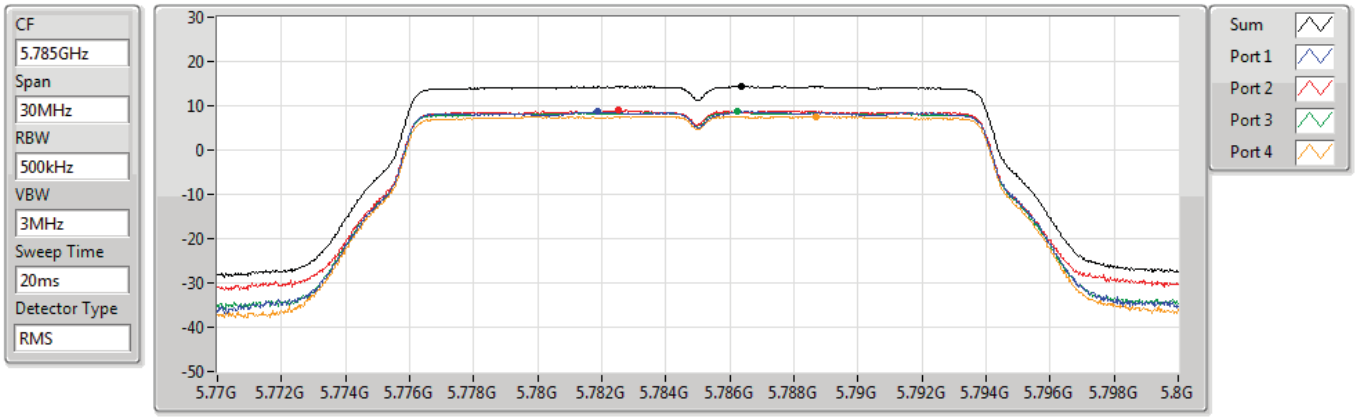


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.35	14.35	8.87	9.05	8.64	7.70

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5785MHz

04/08/2020

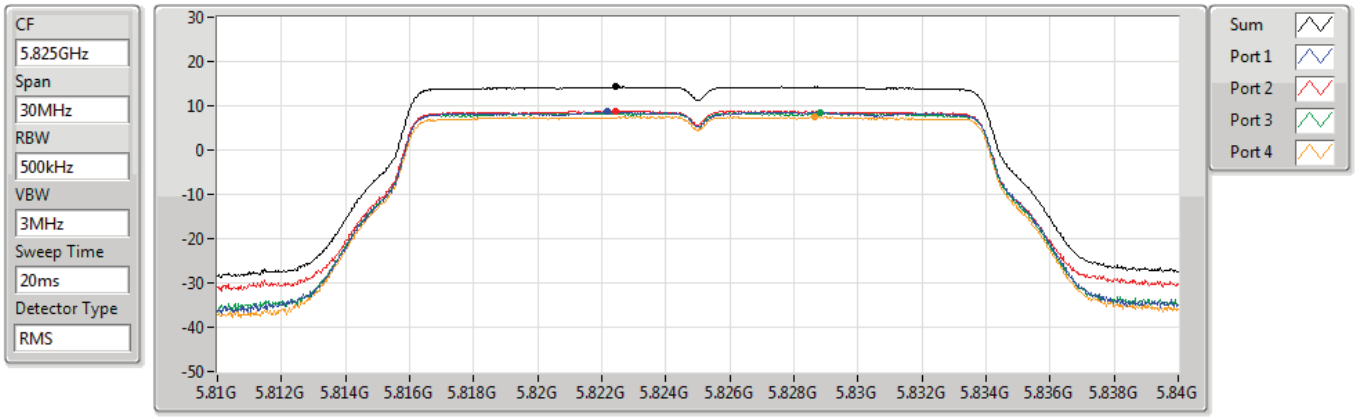


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.37	14.37	8.68	8.98	8.62	7.64

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5825MHz

04/08/2020

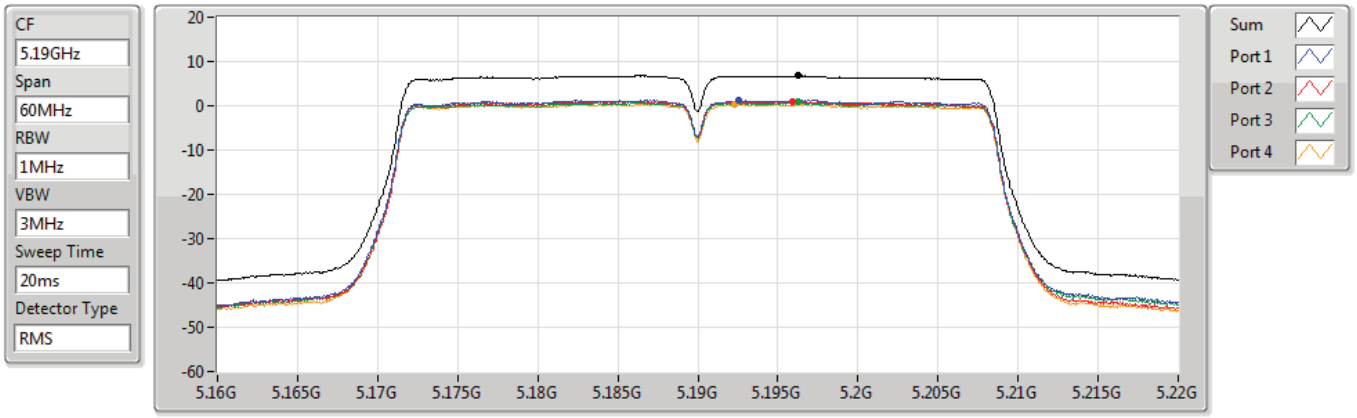


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.25	14.25	8.60	8.90	8.41	7.65

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5190MHz

27/07/2020

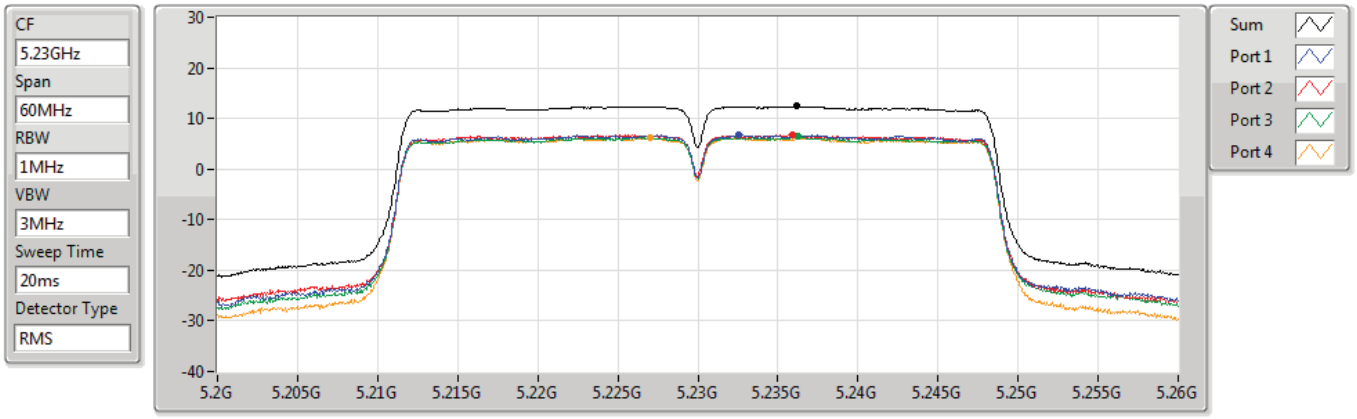


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	1.21	1.07	0.87	0.46

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5230MHz

27/07/2020

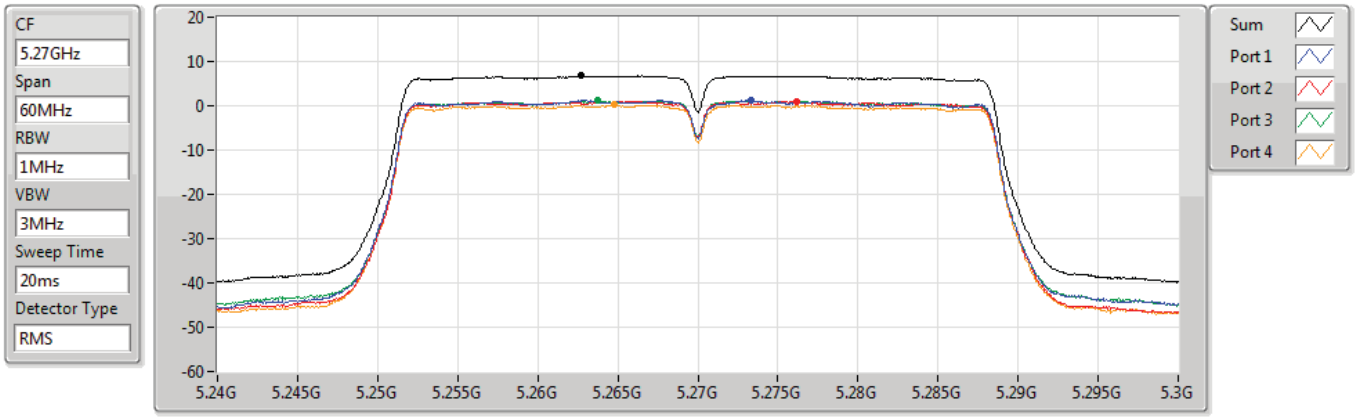


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.37	12.37	6.73	6.76	6.36	6.10

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5270MHz

04/08/2020

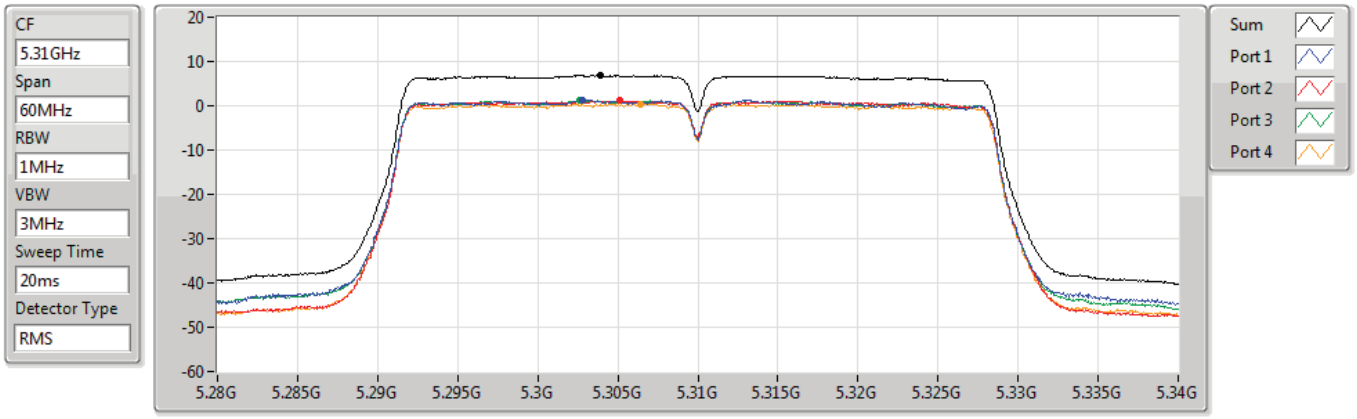


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	1.22	1.06	1.10	0.19

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5310MHz

27/07/2020

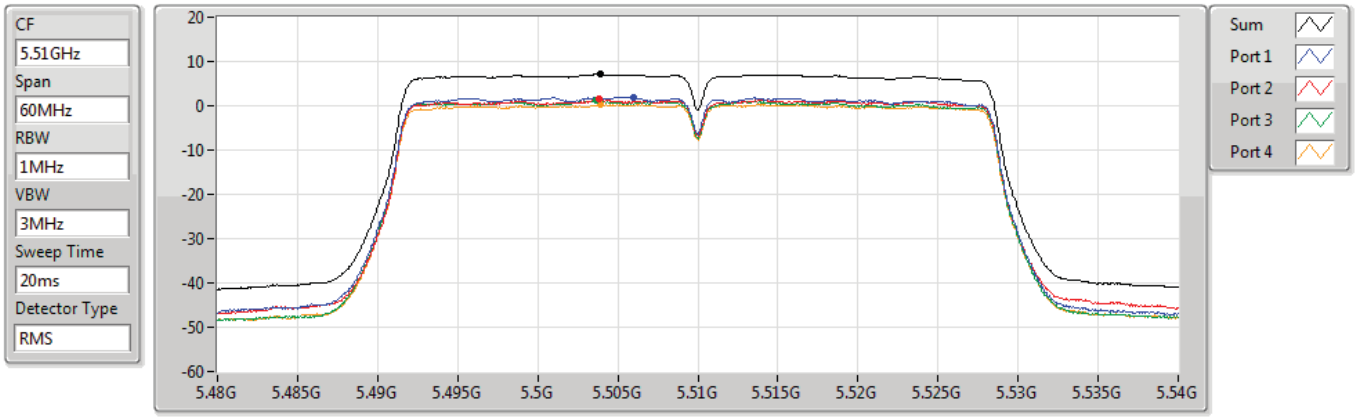


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	1.24	1.10	1.12	0.44

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5510MHz

04/08/2020

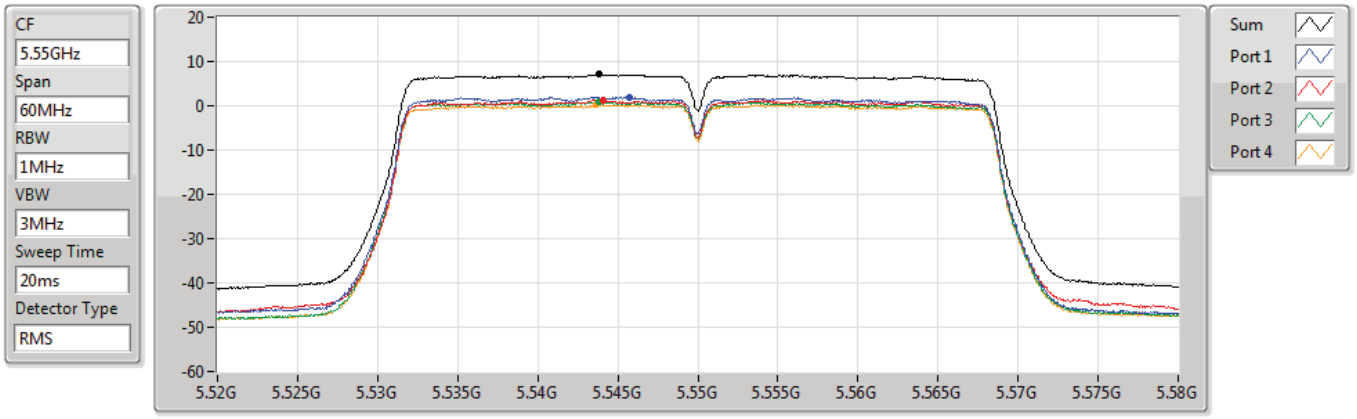


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	1.97	1.45	1.14	0.35

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5550MHz

04/08/2020

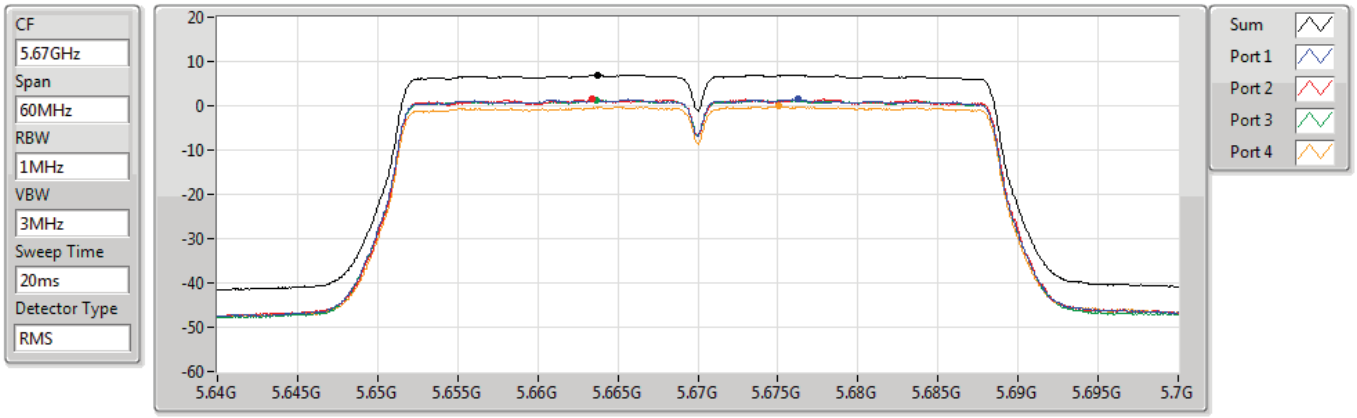


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	1.91	1.33	0.92	0.27

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5670MHz

04/08/2020

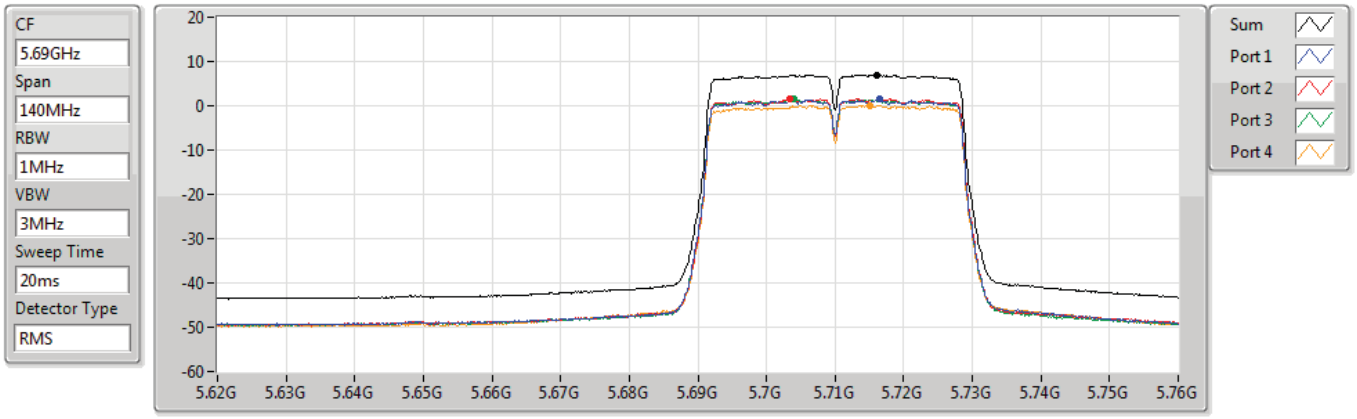


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	1.44	1.54	1.33	-0.15

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

04/08/2020

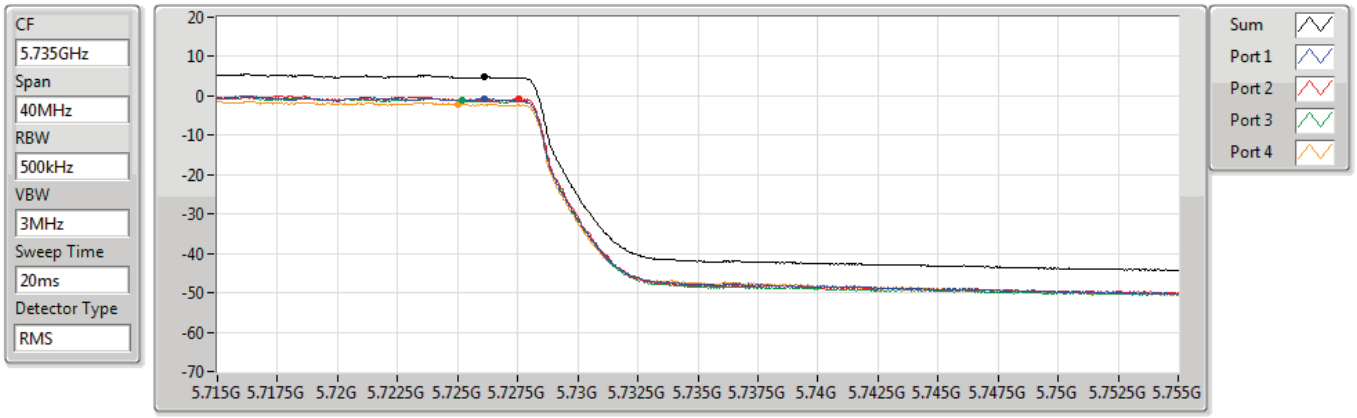


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	1.44	1.57	1.47	0.11

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

04/08/2020

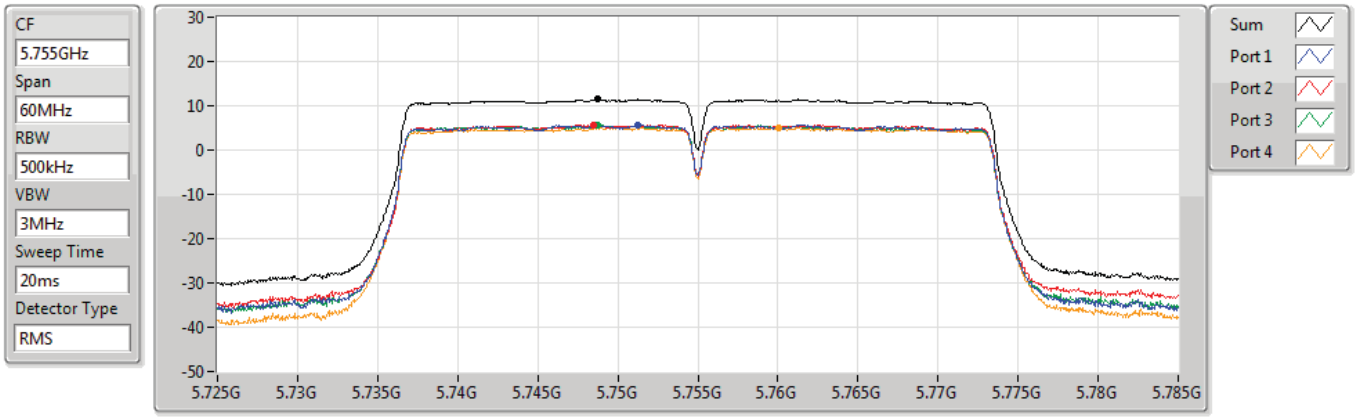


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	-0.60	-0.70	-1.09	-2.00

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5755MHz

04/08/2020

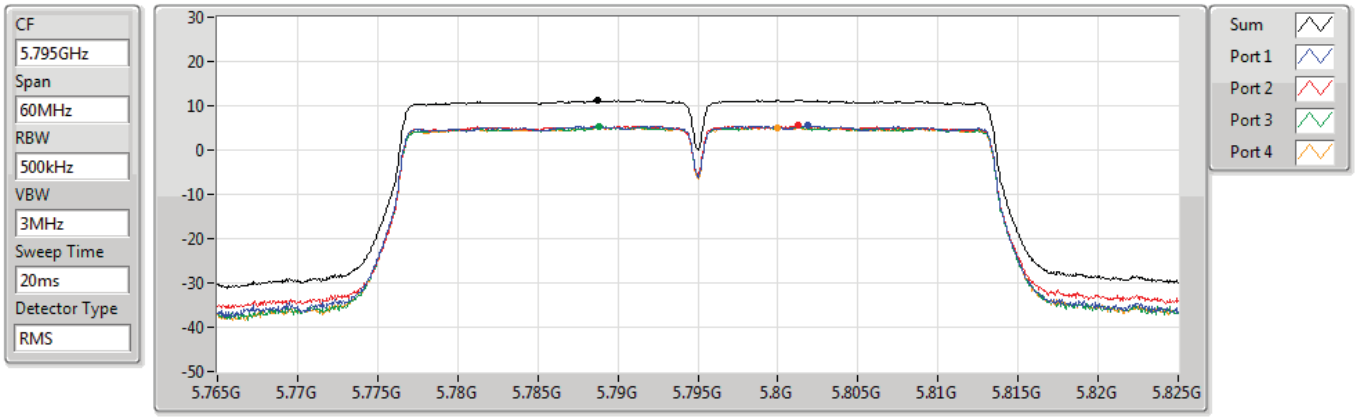


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.47	11.47	5.68	5.69	5.73	5.08

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5795MHz

04/08/2020

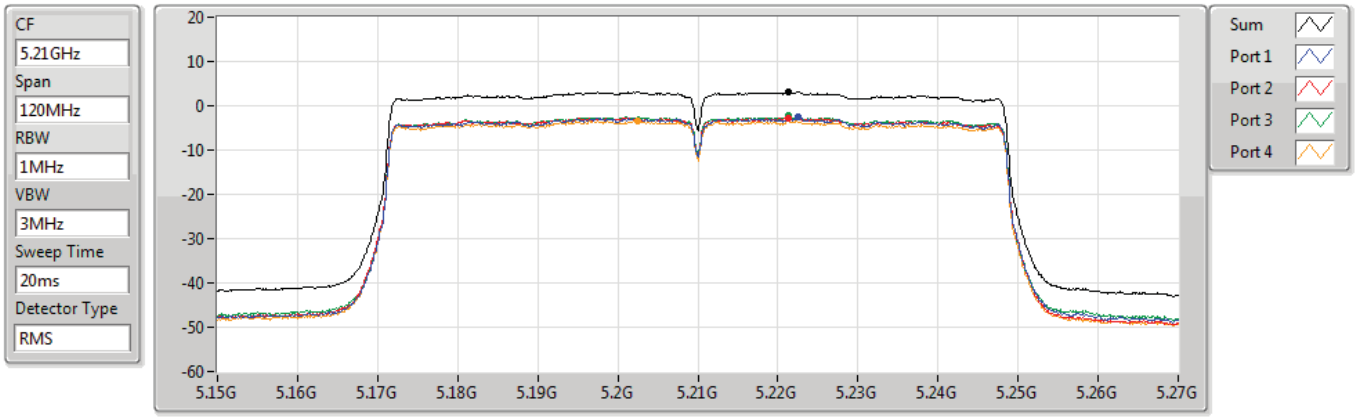


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.31	11.31	5.50	5.50	5.31	5.15

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5210MHz

27/07/2020

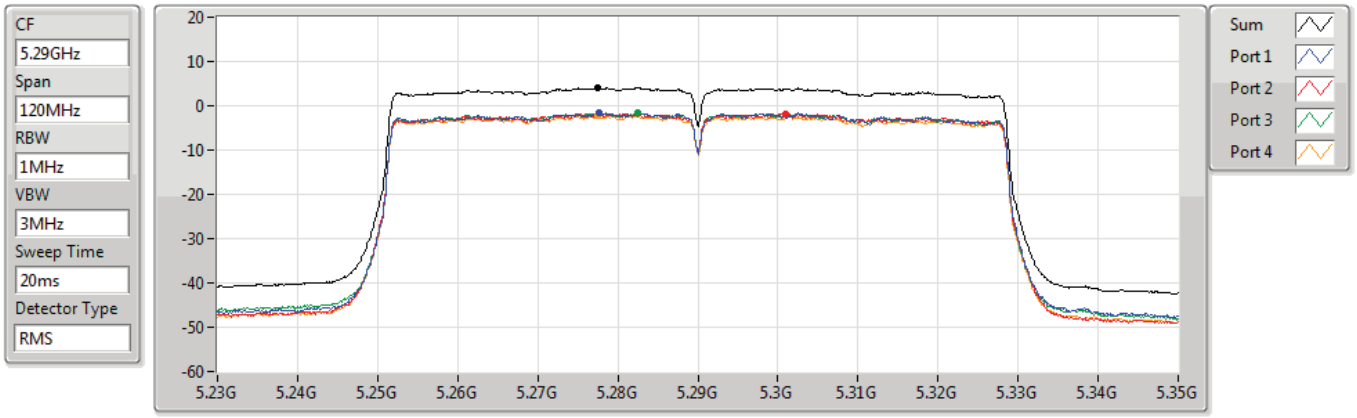


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-2.65	-2.73	-2.33	-3.37

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5290MHz

04/08/2020

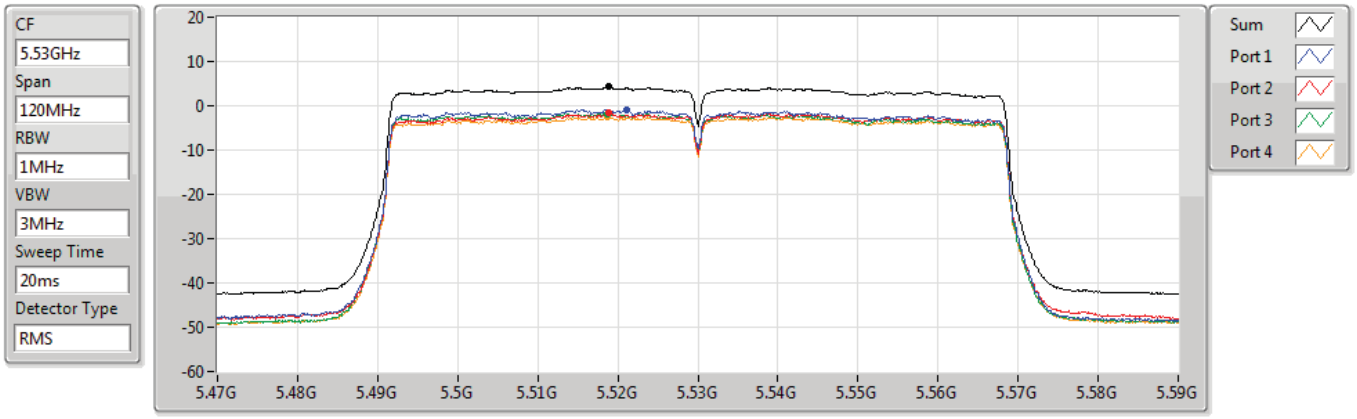


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	-1.51	-1.77	-1.58	-2.31

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5530MHz

04/08/2020

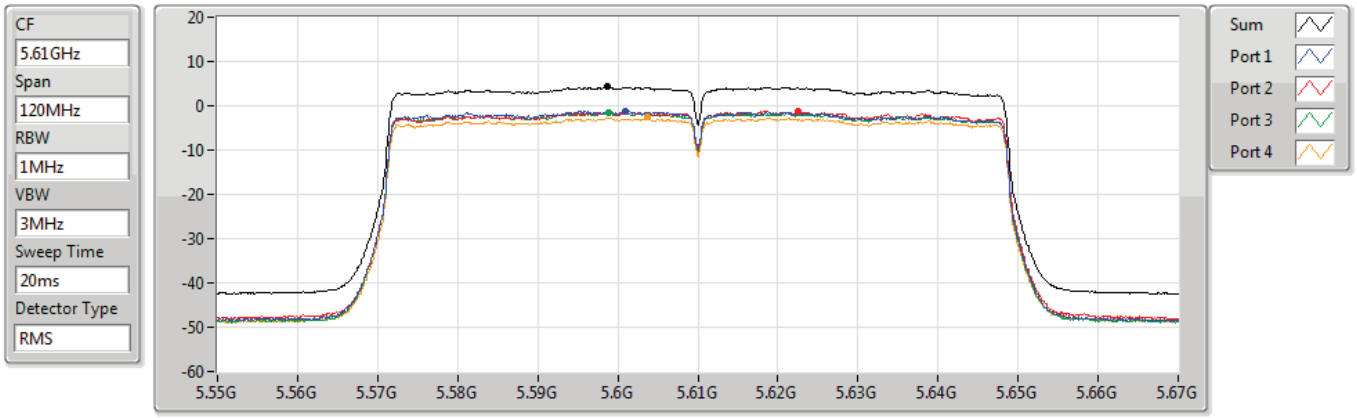


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	-0.90	-1.64	-1.73	-2.52

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5610MHz

04/08/2020

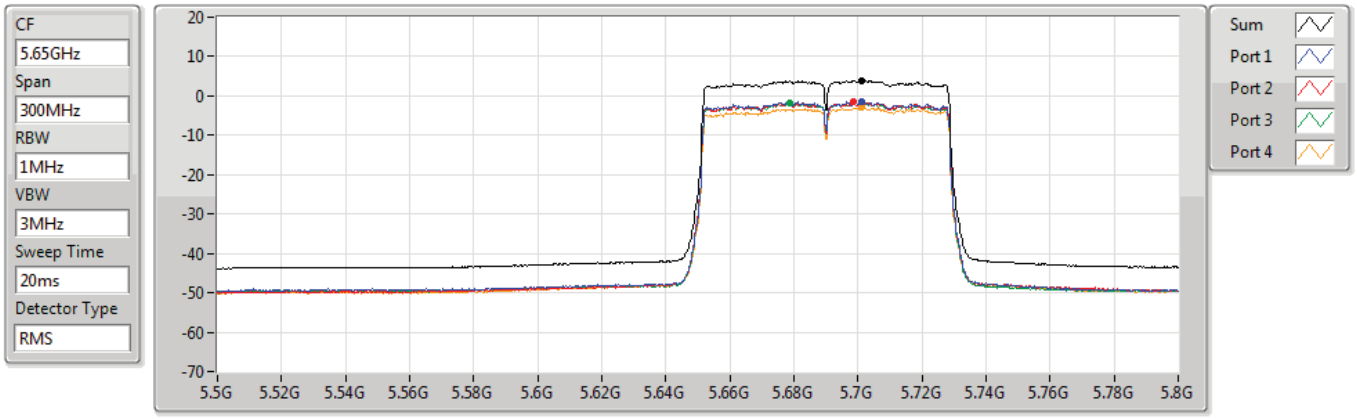


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.31	4.31	-1.18	-1.23	-1.64	-2.64

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

04/08/2020

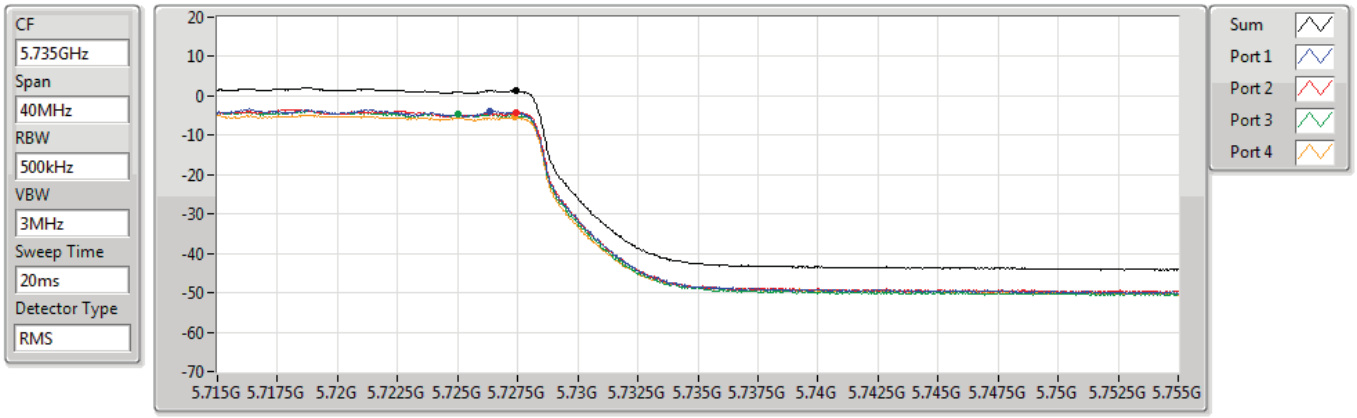


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	-1.47	-1.60	-1.96	-2.93

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

04/08/2020

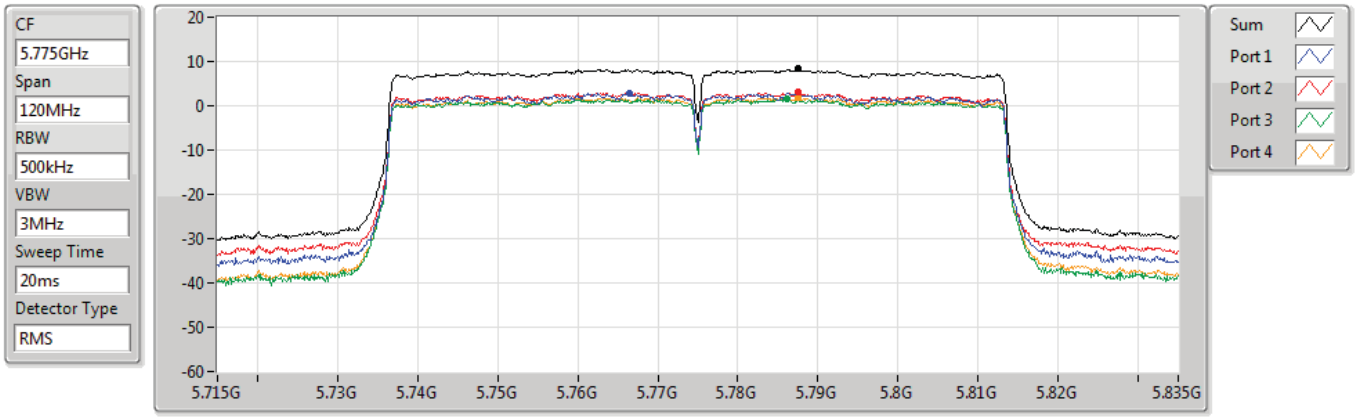


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.31	1.31	-3.83	-4.26	-4.62	-5.47

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

27/07/2020

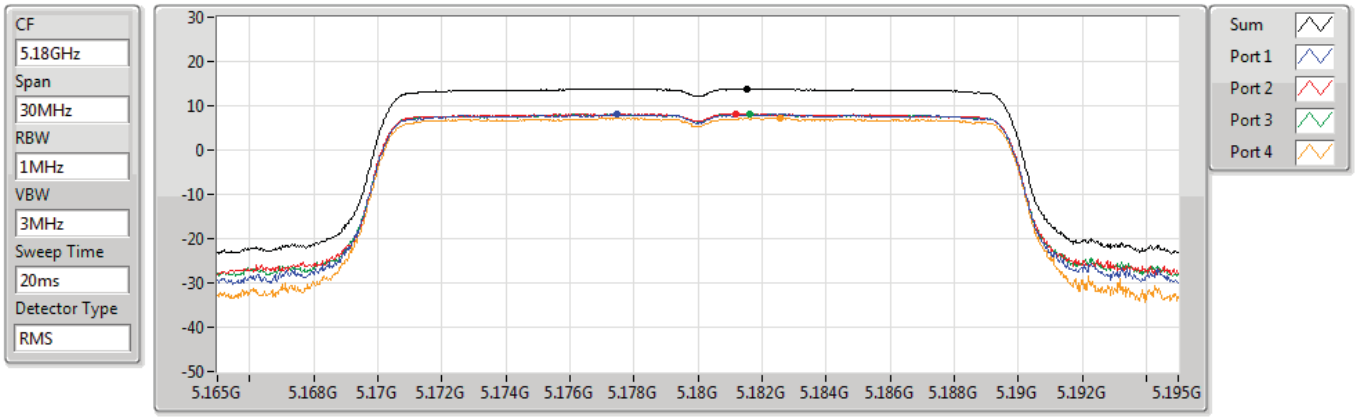


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	2.82	2.99	1.52	1.89

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

25/07/2020

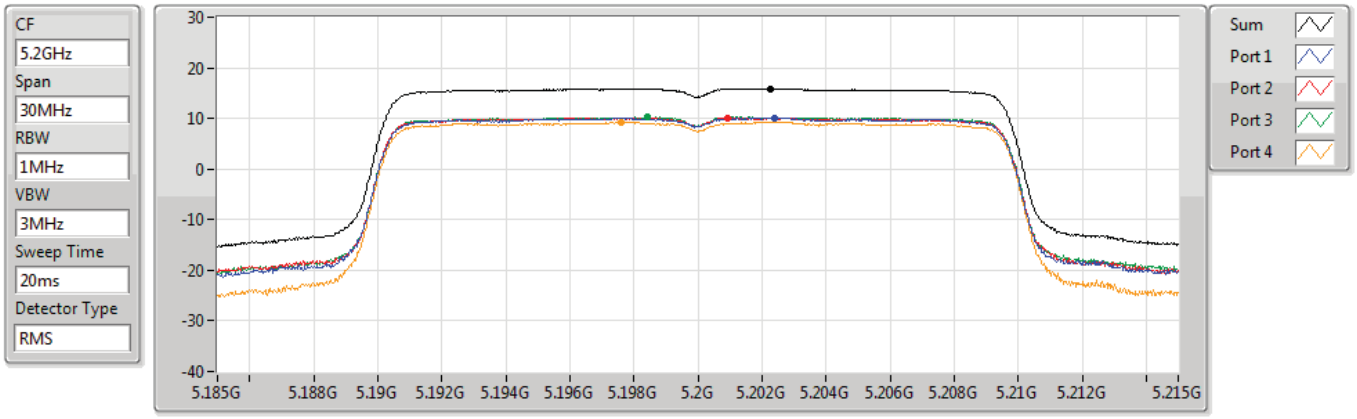


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	8.11	8.16	8.20	7.21

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

04/08/2020

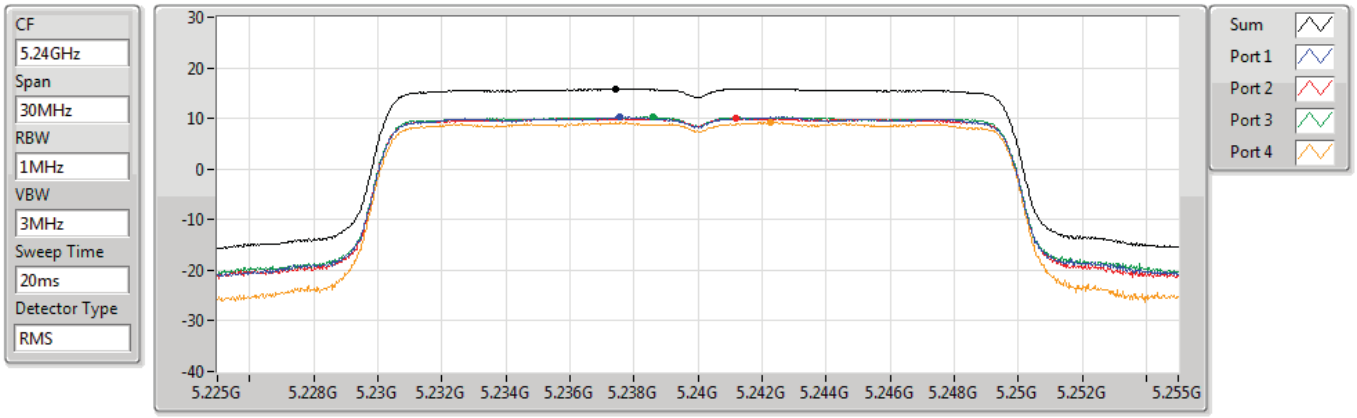


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.90	15.90	10.13	10.11	10.27	9.34

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz

04/08/2020

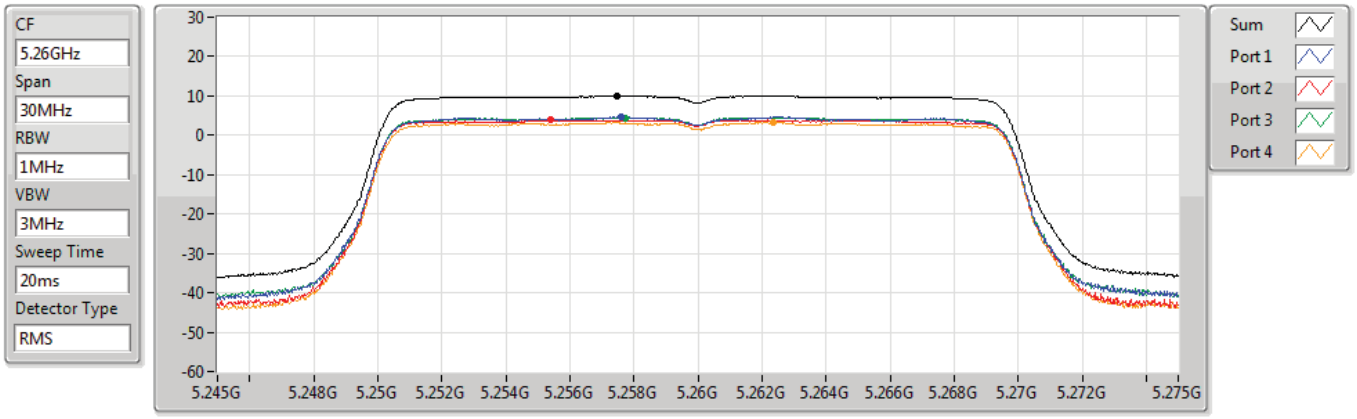


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.87	15.87	10.29	9.96	10.26	9.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

04/08/2020

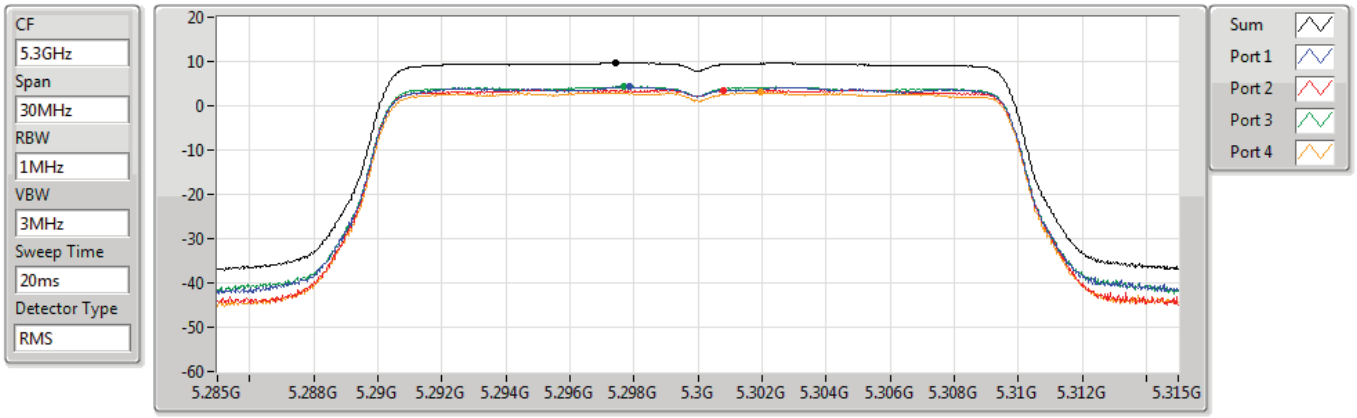


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	4.74	3.85	4.50	3.27

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

04/08/2020

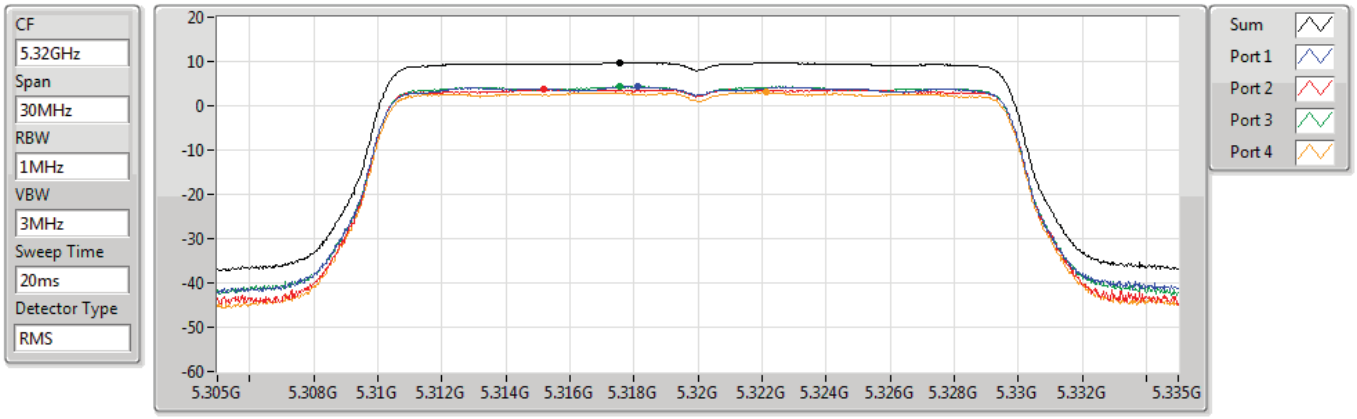


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	4.28	3.54	4.35	3.02

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

04/08/2020

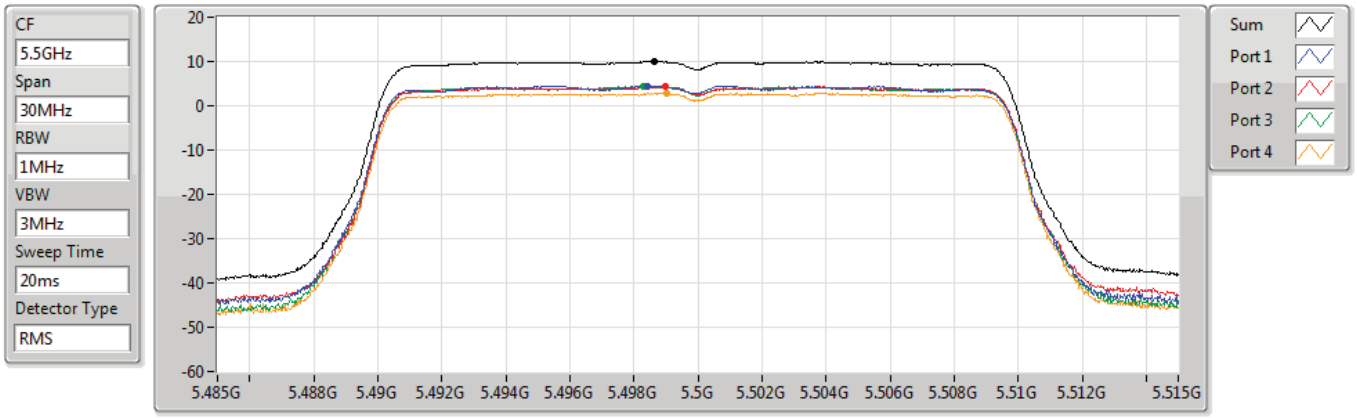


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	4.32	3.69	4.38	3.05

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

04/08/2020

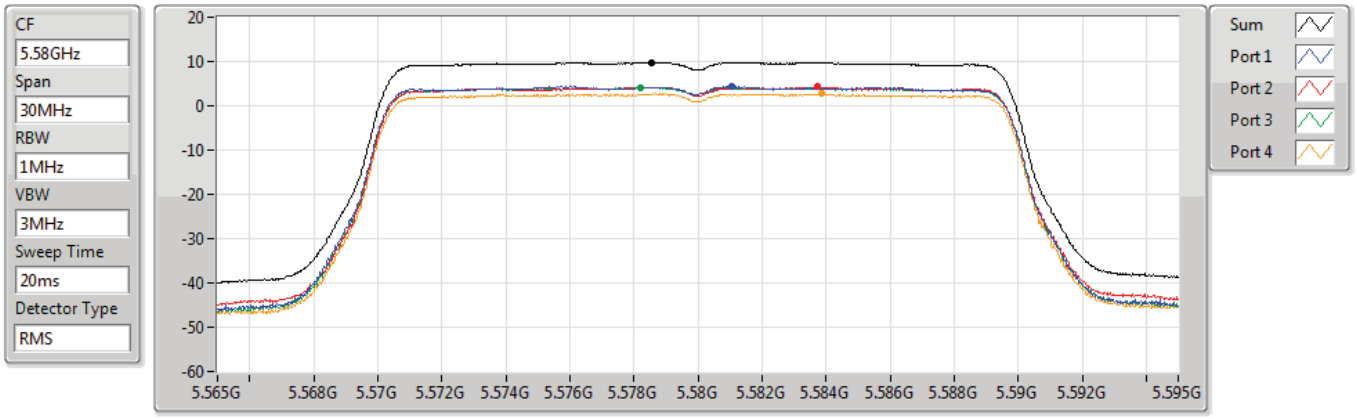


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	4.49	4.31	4.32	2.85

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

04/08/2020

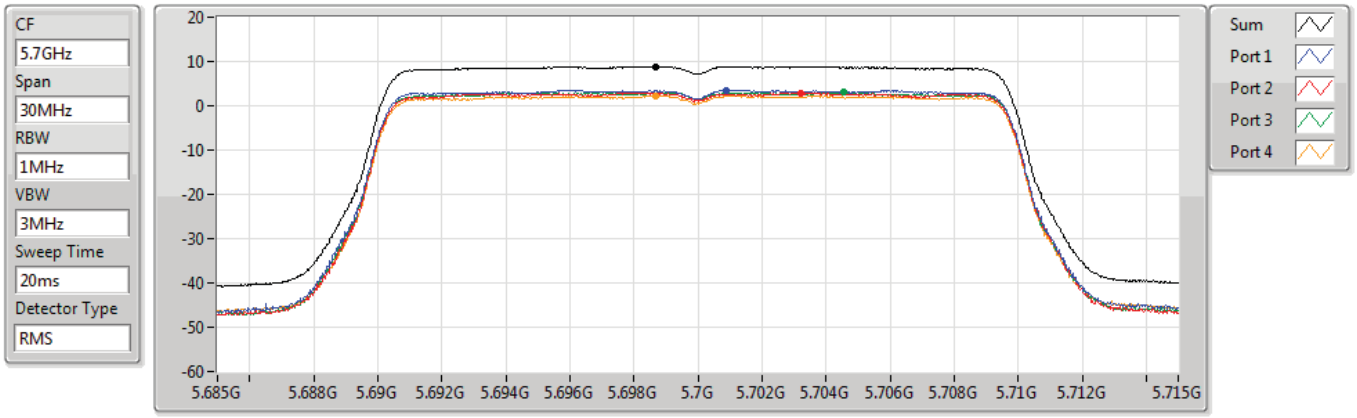


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.81	9.81	4.33	4.25	4.11	2.73

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

25/07/2020

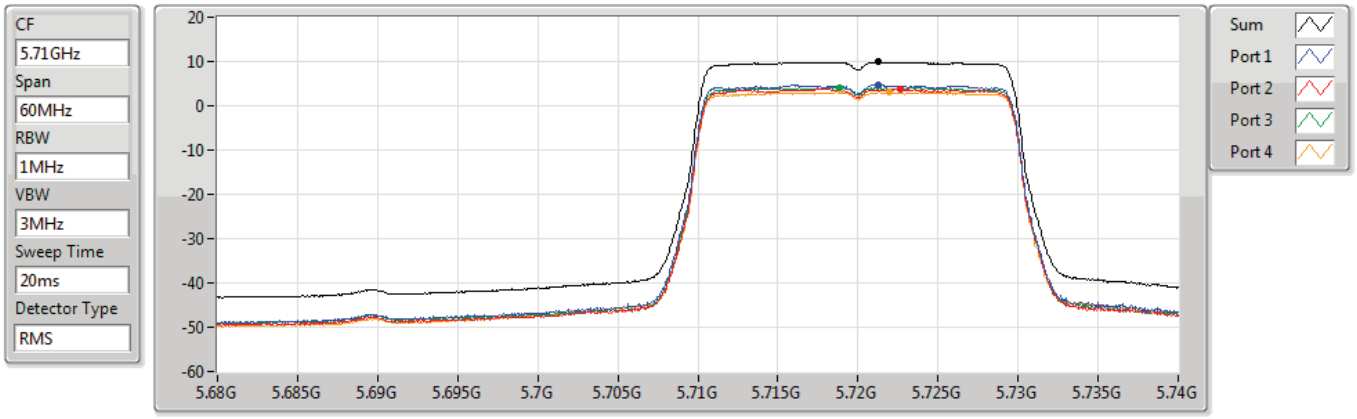


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	3.58	2.95	3.03	2.26

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

04/08/2020

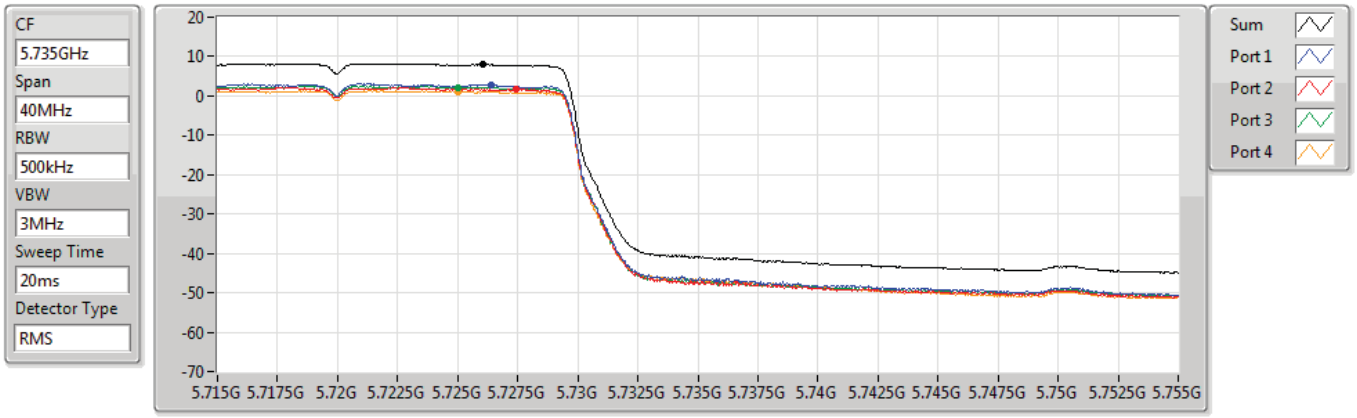


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	4.77	3.80	4.12	3.03

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

04/08/2020

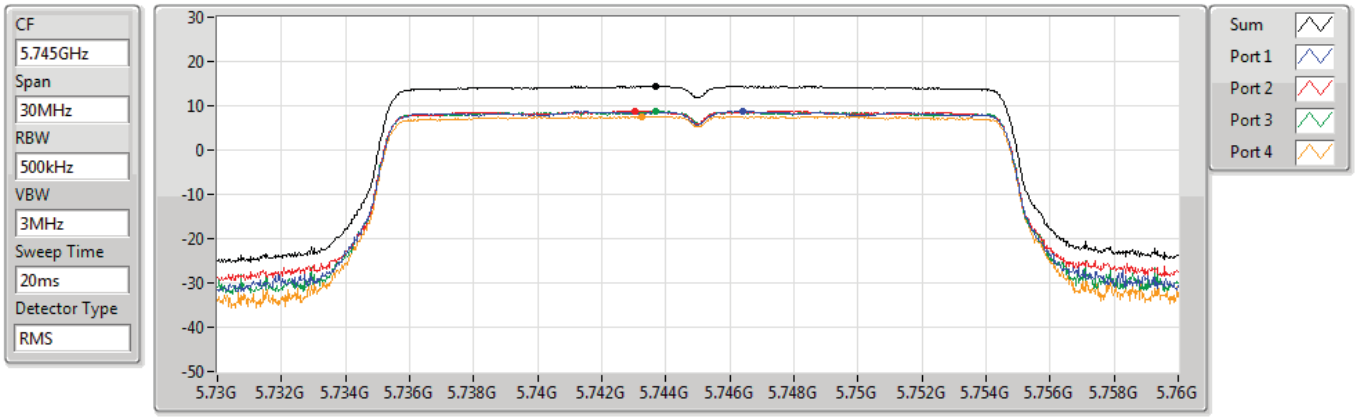


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	2.86	1.76	2.19	1.12

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

04/08/2020

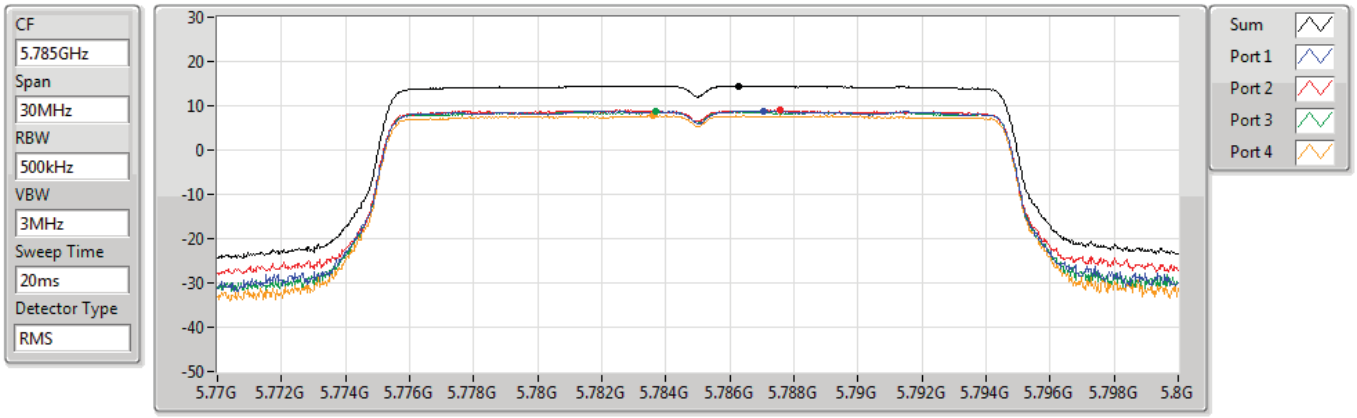


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.39	14.39	8.87	8.83	8.74	7.65

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5785MHz

04/08/2020

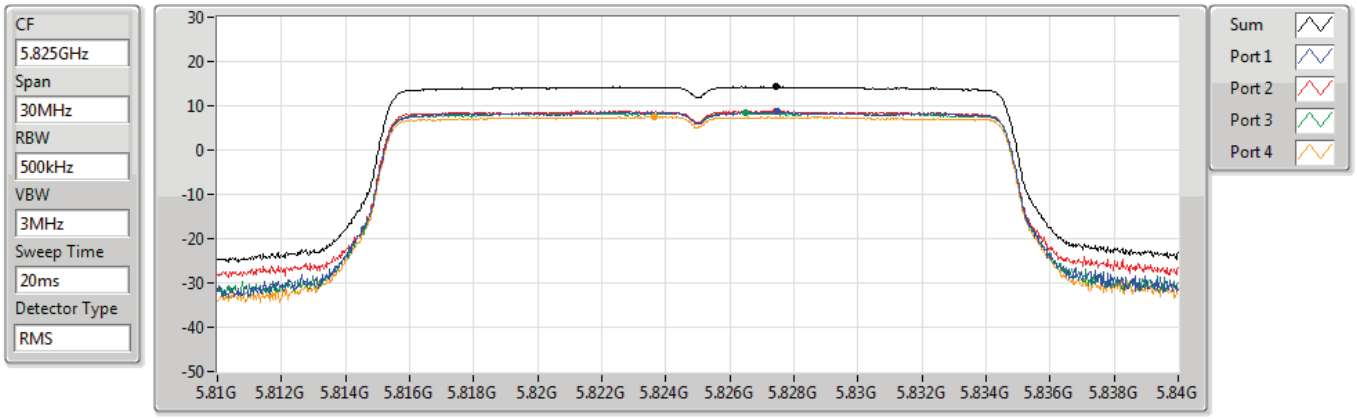


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.50	14.50	8.89	8.99	8.71	7.78

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz

04/08/2020

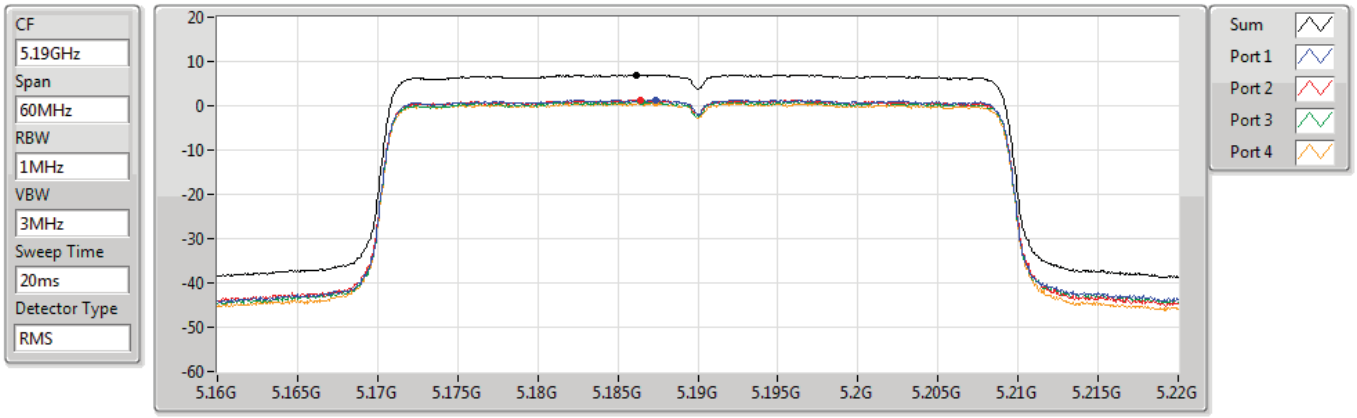


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.28	14.28	8.73	8.81	8.48	7.48

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

25/07/2020

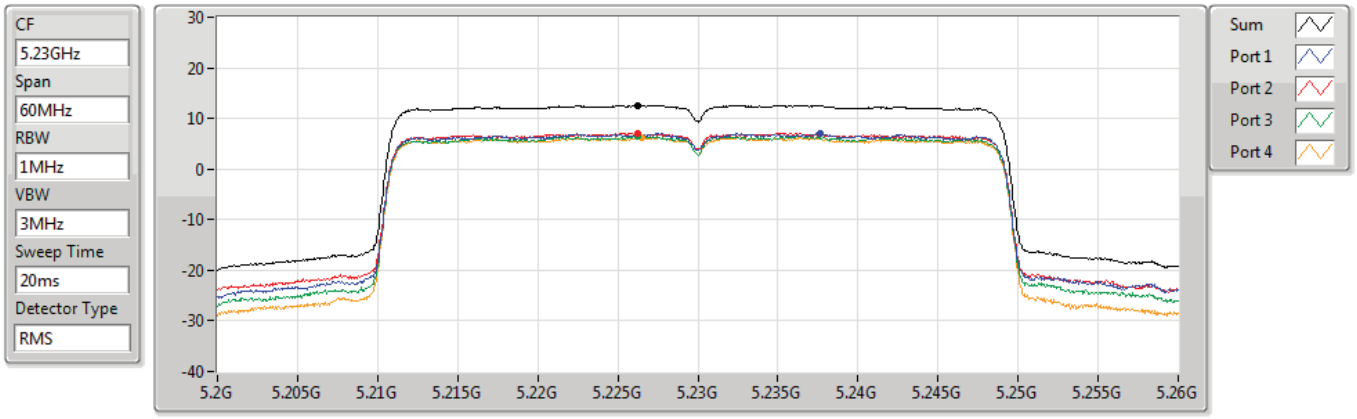


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	1.40	1.30	1.04	0.55

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

25/07/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.58	12.58	7.00	7.07	6.59	6.28