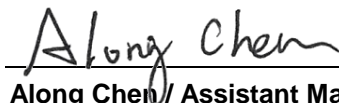


FCC Test Report

FCC ID : 2AQYEFMP176
Equipment : Mobile Phone
Model No. : F-51A
Brand Name : FUJITSU
Applicant : FUJITSU CONNECTED TECHNOLOGIES Ltd.
Address : Chuorinkan 7-10-1 Yamato, Kanagawa
242-0007, Japan.
Standard : 47 CFR FCC Part 15.407
Received Date : Mar. 06, 2020
Tested Date : Apr. 13 ~ Apr. 29, 2020

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:



Along Chen / Assistant Manager

Approved by:



Gary Chang / Manager



Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
1.2	Local Support Equipment List	21
1.3	Test Setup Chart	21
1.4	The Equipment List	22
1.5	Testing Applied Standards	23
1.6	Deviation from Test Standard and Measurement Procedure.....	23
1.7	Measurement Uncertainty	23
2	TEST CONFIGURATION	24
2.1	Testing Condition	24
2.2	The Worst Test Modes and Channel Details	24
3	TRANSMITTER TEST RESULTS.....	25
3.1	Conducted Emissions.....	25
3.2	Emission Bandwidth	28
3.3	RF Output Power.....	102
3.4	Peak Power Spectral Density.....	152
3.5	Transmitter Radiated and Band Edge Emissions	289
3.6	Frequency Stability.....	458
4	TEST LABORATORY INFORMATION	460

Release Record

Report No.	Version	Description	Issued Date
FR011605AN	Rev. 01	Initial issue	May 18, 2020

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.505MHz 29.47 (Margin -16.53dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 17010.00MHz 62.21 (Margin -5.99dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB Bandwidth	Meet the requirement of limit	Pass
15.407(a)	RF Output Power	Max Power [dBm]: 5150~5250MHz: 16.85 5250~5350MHz: 16.72 5470~5725MHz: 16.76	Pass
15.407(a)	Peak Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

Product Name	Mobile Phone
Brand Name	FUJITSU
Model Name	F-51A
IMEI Code	353704110013257 / 353704110013364
H/W Version	v2.1.0
S/W Version	R047.4

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725	a	5180-5240 5260-5320 5500-5720	36-48 [4] 52-64 [4] 100-144 [12]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725	n (HT20)	5180-5240 5260-5320 5500-5720	36-48 [4] 52-64 [4] 100-144 [12]	2	MCS 0-15
5150-5250 5250-5350 5470-5725	n (HT40)	5190-5230 5270-5310 5510-5710	38-46 [2] 54-62 [2] 102-142 [6]	2	MCS 0-15
5150-5250 5250-5350 5470-5725	ac (VHT20)	5180-5240 5260-5320 5500-5720	36-48 [4] 52-64 [4] 100-144 [12]	2	MCS 0-9
5150-5250 5250-5350 5470-5725	ac (VHT40)	5190-5230 5270-5310 5510-5710	38-46 [2] 54-62 [2] 102-142 [6]	2	MCS 0-9
5150-5250 5250-5350 5470-5725	ac (VHT80)	5210 5290 5530-5690	42 [1] 58 [1] 106-138 [3]	2	MCS 0-9
5150-5250 5250-5350 5470-5725	ax (HE20)	5180-5240 5260-5320 5500-5720	36-48 [4] 52-64 [4] 100-144 [12]	2	MCS 0-11
5150-5250 5250-5350 5470-5725	ax (HE40)	5190-5230 5270-5310 5510-5710	38-46 [2] 54-62 [2] 102-142 [6]	2	MCS 0-11
5150-5250 5250-5350 5470-5725	ax (HE80)	5210 5290 5530-5690	42 [1] 58 [1] 106-138 [3]	2	MCS 0-11

Note 1: RF output power specifies that Maximum Conducted Output Power.
Note 2: 802.11a/n/ac/ax uses a combination of OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.

1.1.3 Antenna Details

Ant. No.	Model	Type	Connector	Gain (dBi)
1	WLAN #1	Monopole	No	-4.0
2	WLAN #2	Monopole	No	-6.0

1.1.4 Power Supply Type of Equipment under Test (EUT)

Supply Voltage	3.83Vdc from battery: 9Vdc, 1.5A from adapter (No bundle, support unit only)
-----------------------	---

1.1.5 Accessories

Accessories		
No.	Equipment	Description
1	Battery	Brand: FUJITSU CONNECTED TECHNOLOGIES LIMITED Model: CA54310-0079-A1 Rated: 4000mAh, 15.4Wh Typ. 4070mAh, 15.6Wh
2	Type-C <-> Earphone	9.5cm non-shielded without core

1.1.6 Channel List

802.11 a / HT20 / VHT20 / ax HE20		HT40 / VHT40 / ax HE40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	VHT80 / ax HE80	
112	5560	42	5210
116	5580	58	5290
120	5600	106	5530
124	5620	122	5610
128	5640	138	5690
132	5660	---	---
136	5680	---	---
140	5700	---	---
144	5720	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	QDART, V00071	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
11a	99.64%	0.02
HT20	98.78%	0.05
HT40	99.21%	0.03
VHT80	99.41%	0.03
ax (HE20)	98.93%	0.05
ax (HE40)	98.93%	0.05
ax (HE80)	99.15%	0.04
ax HE20_RU26	100.00%	0.00
ax HE20_RU52	100.00%	0.00
ax HE20_RU106	100.00%	0.00
ax HE20_RU242	100.00%	0.00
ax HE40_RU26	100.00%	0.00
ax HE40_RU52	100.00%	0.00
ax HE40_RU106	100.00%	0.00
ax HE40_RU242	100.00%	0.00
ax HE40_RU484	100.00%	0.00
ax HE80_RU26	100.00%	0.00
ax HE80_RU52	100.00%	0.00
ax HE80_RU106	100.00%	0.00
ax HE80_RU242	100.00%	0.00
ax HE80_RU484	100.00%	0.00
ax HE80_RU996	75.57%	1.22

1.1.8 Power Index of Test Tool

OFDM Modulation		
Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	15.5
11a	5200	15.5
11a	5240	15.5
11a	5260	15.5
11a	5300	15.5
11a	5320	15.5
11a	5500	15.5
11a	5580	15.5
11a	5700	16
11a	5720	16
VHT20	5180	14.5
VHT20	5200	14.5
VHT20	5240	14.5
VHT20	5260	14.5
VHT20	5300	14.5
VHT20	5320	14.5
VHT20	5500	14.5
VHT20	5580	15
VHT20	5700	15
VHT20	5720	15
VHT40	5190	13
VHT40	5230	13
VHT40	5270	13
VHT40	5310	13
VHT40	5510	13
VHT40	5590	13.5
VHT40	5670	13.5
VHT40	5710	13.5
VHT80	5210	12
VHT80	5290	12
VHT80	5530	12
VHT80	5610	12.5
VHT80	5690	12.5

OFDM Modulation		
Modulation Mode	Test Frequency (MHz)	Power Index
ax HE20	5180	11.5
ax HE20	5200	11.5
ax HE20	5240	11.5
ax HE20	5260	11.5
ax HE20	5300	11.5
ax HE20	5320	11.5
ax HE20	5500	11.5
ax HE20	5580	11.5
ax HE20	5700	12
ax HE20	5720	12
ax HE40	5190	11
ax HE40	5230	11
ax HE40	5270	11
ax HE40	5310	11
ax HE40	5510	11
ax HE40	5590	11.5
ax HE40	5670	11.5
ax HE40	5710	11.5
ax HE80	5210	11.5
ax HE80	5290	11.5
ax HE80	5530	11.5
ax HE80	5610	11.5
ax HE80	5690	11.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE20)	26	0	5180	4.5
			5200	4.5
			5240	4.5
			5260	4.5
			5300	4.5
			5320	4.5
			5500	5
			5580	5
			5700	5
			5720	5
		4	5180	4.5
			5200	4.5
			5240	4.5
			5260	4.5
			5300	4.5
			5320	5
			5500	5
			5580	5
			5700	5
			5720	5
		8	5180	4.5
			5200	4.5
			5240	4.5
			5260	4.5
			5300	4.5
			5320	4.5
			5500	5
			5580	5
			5700	5
			5720	5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE20)	52	37	5180	7.5
			5200	7.5
			5240	7.5
			5260	7.5
			5300	7.5
			5320	7.5
			5500	7.5
			5580	7.5
			5700	7.5
			5720	7.5
		38	5180	7.5
			5200	7.5
			5240	7.5
			5260	7.5
			5300	7.5
			5320	7.5
			5500	7.5
			5580	7.5
			5700	7.5
			5720	7.5
		40	5180	7.5
			5200	7.5
			5240	7.5
			5260	7.5
			5300	7.5
			5320	7.5
			5500	7.5
			5580	7.5
			5700	7.5
			5720	7.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE20)	106	53	5180	10
			5200	10
			5240	10
			5260	10
			5300	10
			5320	10
			5500	10.5
			5580	10.5
			5700	10.5
		5720	10	
		54	5180	10
			5200	10
			5240	10
			5260	10
			5300	10
			5320	10
			5500	10.5
			5580	10.5
	5700		10.5	
	5720	10		
	242	61	5180	10
			5200	10
			5240	10
			5260	10
			5300	10
			5320	10
			5500	10
			5580	10.5
			5700	10.5
			5720	10.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE40)	26	0	5190	4.5
			5230	4.5
			5270	4.5
			5310	4.5
			5510	4.5
			5630	4.5
			5670	4.5
			5710	4.5
		9	5190	4
			5230	4
			5270	4.5
			5310	4.5
			5510	4.5
			5630	4.5
			5670	4.5
			5710	4.5
		17	5190	4
			5230	4
			5270	4.5
			5310	4.5
			5510	4.5
			5630	4.5
			5670	4.5
			5710	4.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE40)	52	37	5190	7.5
			5230	7.5
			5270	7.5
			5310	7.5
			5510	7.5
			5630	7.5
			5670	7.5
			5710	7.5
		41	5190	7
			5230	7
			5270	7.5
			5310	7.5
			5510	7.5
			5630	7.5
			5670	7.5
			5710	7.5
		44	5190	7
			5230	7
			5270	7.5
			5310	7.5
			5510	7.5
			5630	7.5
			5670	7.5
			5710	7.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE40)	106	53	5190	10
			5230	10
			5270	10
			5310	10
			5510	10
			5630	10.5
			5670	10.5
			5710	10.5
		54	5190	10
			5230	10
			5270	10
			5310	10
			5510	10
			5630	10.5
			5670	10.5
			5710	10.5
		56	5190	10.5
			5230	10.5
			5270	10.5
			5310	10.5
			5510	10.5
			5630	10.5
			5670	10.5
			5710	10.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE40)	242	61	5190	10
			5230	10
			5270	10
			5310	10
			5510	10
			5630	10.5
			5670	10.5
			5710	10.5
		62	5190	10
			5230	10
			5270	10
			5310	10
			5510	10
			5630	10.5
	484	65	5190	10
			5230	10
			5270	10
			5310	10
			5510	10
			5630	10.5
			5670	10.5
			5710	10.5

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE80)	26	0	5210	4.5
			5290	4.5
			5530	4.5
			5610	5
			5690	5
		18	5210	4.5
			5290	4.5
			5530	4.5
			5610	5
			5690	5
		36	5210	4.5
			5290	4.5
			5530	4.5
			5610	5
			5690	5
	52	37	5210	7.5
			5290	7.5
			5530	7.5
			5610	8
			5690	8
		45	5210	7.5
			5290	7.5
			5530	7.5
			5610	8
			5690	8
52	52	5210	7.5	
		5290	7.5	
		5530	7.5	
		5610	8	
		5690	8	

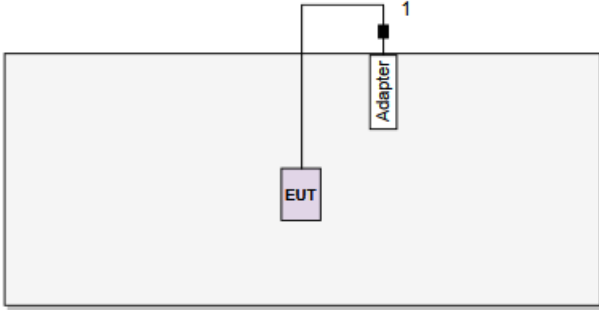
OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE80)	106	53	5210	10.5
			5290	10.5
			5530	10.5
			5610	10.5
			5690	10.5
		57	5210	10.5
			5290	10.5
			5530	10.5
			5610	10.5
			5690	10.5
		60	5210	10.5
			5290	10.5
			5530	10.5
			5610	10.5
			5690	10.5
	242	61	5210	10.5
			5290	10.5
			5530	10.5
			5610	10.5
			5690	10.5
		62	5210	10.5
			5290	10.5
			5530	10.5
			5610	10.5
			5690	10.5
64	5210	10.5		
	5290	10.5		
	5530	10.5		
	5610	10.5		
	5690	10.5		

OFDMA Modulation				
Modulation Mode	RU Tone	Index	Test Frequency (MHz)	Power Index
ax (HE80)	484	65	5210	10
			5290	10
			5530	10
			5610	10.5
			5690	10.5
		66	5210	10
			5290	10
			5530	10
			5610	10.5
			5690	10.5
	996	67	5210	10
			5290	10
			5530	10
			5610	10.5
			5690	10.5

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	S/N	Remarks
1	AC Adapter	NTT docomo	AC Adapter 06	---	Provided by applicant.
2	Notebook	DELL	Latitude E5470	7BMHVF2	---

1.3 Test Setup Chart

Test Setup Diagram	
	
No.	Signal cable / Length (m)
1	USB, 1.2m non-shielded with one core.

Note: The support notebook is disconnected from EUT and removed from test table after sending command to EUT to control EUT to transmit continuously.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Dec. 12, 2019	Dec. 11, 2020
LISN	R&S	ENV216	101579	Mar. 12, 2020	Mar. 11, 2021
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 22, 2019	Oct. 21, 2020
Measurement Software	AUDIX	e3	6.120210k	NA	NA

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

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101498	Dec. 17, 2019	Dec. 16, 2020
Receiver	R&S	ESR3	101657	Feb. 14, 2020	Feb. 13, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 12, 2019	Jul. 11, 2020
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 12, 2019	Dec. 11, 2020
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 15, 2019	Nov. 14, 2020
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 13, 2019	Nov. 12, 2020
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 07, 2019	Oct. 06, 2020
Preamplifier	EMC	EMC02325	980225	Jul. 09, 2019	Jul. 08, 2020
Preamplifier	Agilent	83017A	MY39501308	Oct. 08, 2019	Oct. 07, 2020
Preamplifier	EMC	EMC184045B	980192	Aug. 01, 2019	Jul. 31, 2020
RF Cable	EMC	EMC104-SM-SM-8000	181106	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 07, 2019	Oct. 06, 2020
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 07, 2019	Oct. 06, 2020
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 07, 2019	Oct. 06, 2020
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 07, 2019	Oct. 06, 2020
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-002	Oct. 07, 2019	Oct. 06, 2020
Measurement Software	AUDIX	e3	6.120210g	NA	NA

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

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101499	Jan. 09, 2020	Jan. 08, 2021
Power Meter	Anritsu	ML2495A	1241002	Oct. 23, 2019	Oct. 22, 2020
Power Sensor	Anritsu	MA2411B	1207366	Oct. 23, 2019	Oct. 22, 2020
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 02, 2019	Dec. 01, 2020
Measurement Software	--	SENSE-15407_NII	V5.10.7	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Testing Applied Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.407

ANSI C63.10-2013

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Radiated emission ≤ 1 GHz	± 3.41 dB
Radiated emission > 1 GHz	± 4.59 dB
Time	$\pm 0.1\%$
Temperature	± 0.4 °C

2 Test Configuration

2.1 Testing Condition

Test Item	Test Site	Ambient Condition	Tested By
AC Conduction	CO01-WS	23°C / 58%	Alex Tsai
Radiated Emissions	03CH01-WS	23-24°C / 65-67%	Roger Lu
RF Conducted	TH01-WS	21°C / 67%	Aska Huang

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5350 MHz / 5470~5725 MHz				
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate (Mbps) / MCS	Test Configuration
Conducted Emissions	11a	5240	6 Mbps	---
Radiated Emissions ≤1GHz	11a	5240	6 Mbps	---
RF Output Power Radiated Emissions >1GHz Emission Bandwidth Peak Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	---
	HT20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	HT40	5190 / 5230 / 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	VHT80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
	ax HE20	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	ax HE40	5190 / 5230 / 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	ax HE80	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
Frequency Stability	Un-modulation	5320	---	---
NOTE:				
1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Y-plane results were found as the worst case and were shown in this report.				

3 Transmitter Test Results

3.1 Conducted Emissions

3.1.1 Limit of Conducted Emissions

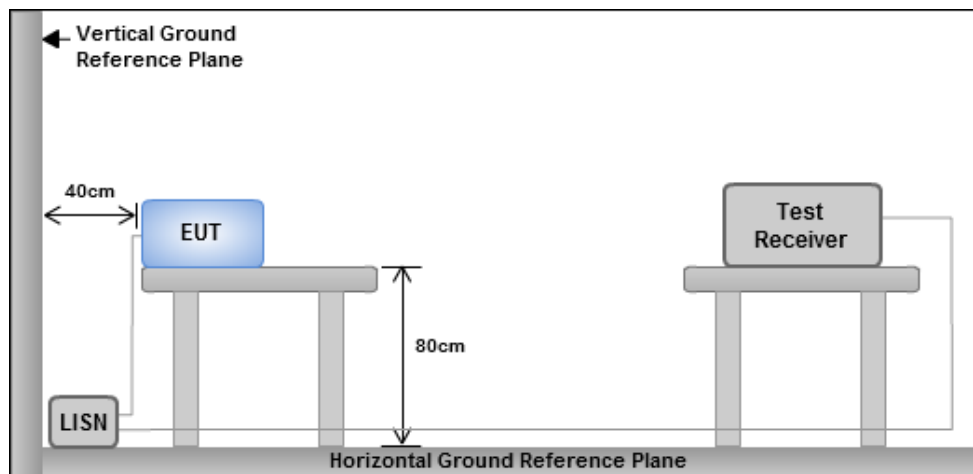
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.1.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

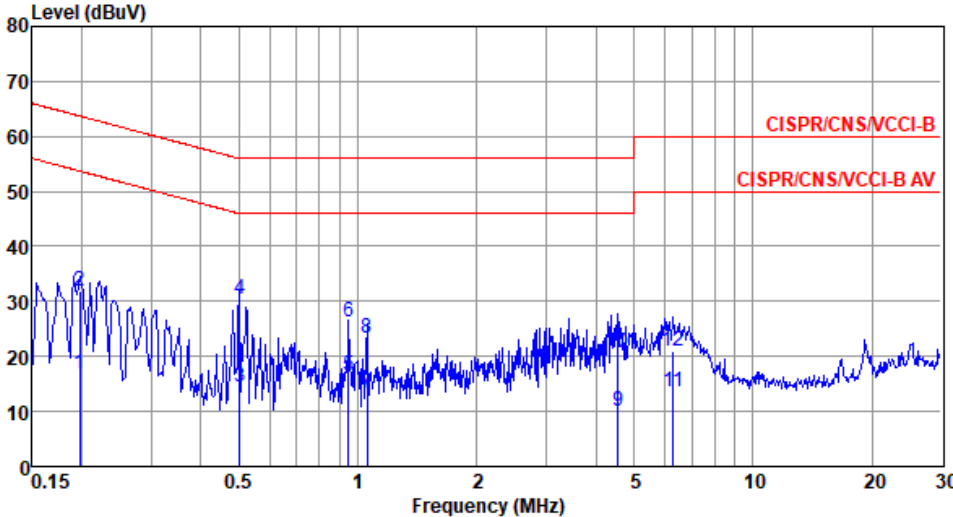
3.1.3 Test Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.4 Test Result of Conducted Emissions

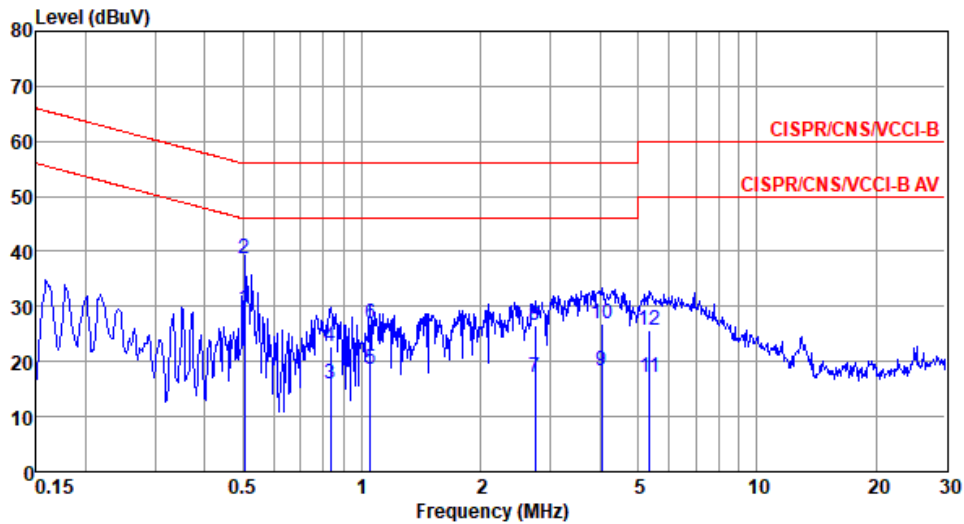
Modulation	11a	Test Freq. (MHz)	5240
Power Phase	Line		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1	0.198	16.72	53.71	-36.99	6.84	9.63	0.06	Average
2	0.198	32.02	63.71	-31.69	22.14	9.63	0.06	QP
3	0.502	14.50	46.00	-31.50	4.51	9.63	0.09	Average
4*	0.502	30.50	56.00	-25.50	20.51	9.63	0.09	QP
5	0.948	16.47	46.00	-29.53	6.40	9.63	0.12	Average
6	0.948	26.24	56.00	-29.76	16.17	9.63	0.12	QP
7	1.054	13.22	46.00	-32.78	3.15	9.63	0.12	Average
8	1.054	23.26	56.00	-32.74	13.19	9.63	0.12	QP
9	4.549	10.10	46.00	-35.90	-0.23	9.66	0.30	Average
10	4.549	20.61	56.00	-35.39	10.28	9.66	0.30	QP
11	6.285	13.56	50.00	-36.44	3.17	9.67	0.34	Average
12	6.285	20.85	60.00	-39.15	10.46	9.67	0.34	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	11a	Test Freq. (MHz)	5240
Power Phase	Neutral		



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	LISN factor dB	cable loss dB	Remark
1*	0.505	29.47	46.00	-16.53	19.55	9.65	0.09	Average
2	0.505	38.61	56.00	-17.39	28.69	9.65	0.09	QP
3	0.835	15.90	46.00	-30.10	5.95	9.65	0.11	Average
4	0.835	22.59	56.00	-33.41	12.64	9.65	0.11	QP
5	1.049	18.53	46.00	-27.47	8.56	9.65	0.12	Average
6	1.049	26.77	56.00	-29.23	16.80	9.65	0.12	QP
7	2.750	16.98	46.00	-29.02	6.83	9.66	0.23	Average
8	2.750	26.66	56.00	-29.34	16.51	9.66	0.23	QP
9	4.049	18.18	46.00	-27.82	7.96	9.67	0.29	Average
10	4.049	26.73	56.00	-29.27	16.51	9.67	0.29	QP
11	5.362	17.14	50.00	-32.86	6.85	9.69	0.32	Average
12	5.362	25.72	60.00	-34.28	15.43	9.69	0.32	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.2 Emission Bandwidth

3.2.1 Test Procedures

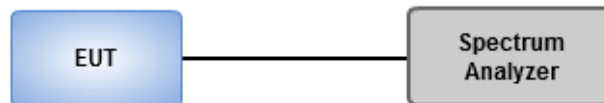
26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW \geq 3 RBW.
3. Sample detection and single sweep mode shall be used.
4. Use the 99 % power bandwidth function of the instrument.

3.2.2 Test Setup



3.2.3 Test Result of Emission Bandwidth

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)_2TX	19.13M	16.324M	16M3D1D	18.623M	16.266M
802.11n HT20_Nss1,(MCS0)_2TX	20.217M	17.54M	17M5D1D	19.783M	17.482M
802.11n HT40_Nss1,(MCS0)_2TX	39.565M	36.006M	36M0D1D	39.13M	36.006M
802.11ac VHT80_Nss1,(MCS0)_2TX	81.449M	75.485M	75M5D1D	81.159M	75.485M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.87M	18.871M	18M9D1D	20.507M	18.813M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.58M	37.742M	37M7D1D	39.855M	37.627M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.029M	77.106M	77M1D1D	81.739M	76.874M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.058M	16.382M	16M4D1D	18.841M	16.266M
802.11n HT20_Nss1,(MCS0)_2TX	20.145M	17.54M	17M5D1D	19.71M	17.482M
802.11n HT40_Nss1,(MCS0)_2TX	39.565M	36.006M	36M0D1D	39.13M	35.89M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.029M	75.485M	75M5D1D	80.87M	75.253M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.87M	18.871M	18M9D1D	20.435M	18.813M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.29M	37.742M	37M7D1D	40.145M	37.511M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.029M	77.106M	77M1D1D	81.159M	76.874M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.13M	16.324M	16M3D1D	14.353M	13.13M
802.11n HT20_Nss1,(MCS0)_2TX	20.29M	17.54M	17M5D1D	14.766M	13.748M
802.11n HT40_Nss1,(MCS0)_2TX	39.855M	36.006M	36M0D1D	34.484M	32.818M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.029M	75.485M	75M5D1D	75.944M	72.294M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.797M	18.929M	18M9D1D	15.283M	14.436M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.725M	37.742M	37M7D1D	34.909M	33.669M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.029M	77.337M	77M3D1D	75.571M	73.039M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.174M	3.386M	3M39D1D	3.13M	3.343M
802.11n HT20_Nss1,(MCS0)_2TX	3.783M	3.907M	3M91D1D	3.783M	3.907M
802.11n HT40_Nss1,(MCS0)_2TX	3.174M	3.647M	3M65D1D	2.87M	3.43M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.174M	4.993M	4M99D1D	3.13M	4.428M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.391M	4.515M	4M52D1D	3.826M	4.515M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.957M	4.081M	4M08D1D	3.826M	4.081M
802.11ax HEW80_Nss1,(MCS0)_2TX	4M	5.036M	5M04D1D	3.957M	4.559M

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.913M	16.324M	18.623M	16.324M
5200MHz	Pass	Inf	19.13M	16.324M	18.913M	16.324M
5240MHz	Pass	Inf	18.913M	16.266M	18.841M	16.324M
5260MHz	Pass	Inf	18.913M	16.266M	18.913M	16.382M
5300MHz	Pass	Inf	18.841M	16.266M	19.058M	16.382M
5320MHz	Pass	Inf	18.913M	16.266M	18.841M	16.324M
5500MHz	Pass	Inf	18.841M	16.266M	18.913M	16.324M
5580MHz	Pass	Inf	19.13M	16.266M	18.696M	16.324M
5700MHz	Pass	Inf	18.913M	16.324M	18.841M	16.324M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.388M	13.13M	14.353M	13.164M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.13M	3.343M	3.174M	3.386M
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.217M	17.54M	20M	17.54M
5200MHz	Pass	Inf	19.783M	17.482M	19.783M	17.482M
5240MHz	Pass	Inf	19.855M	17.54M	20M	17.482M
5260MHz	Pass	Inf	20.145M	17.54M	19.71M	17.482M
5300MHz	Pass	Inf	19.855M	17.54M	20M	17.482M
5320MHz	Pass	Inf	20.145M	17.482M	20.072M	17.482M
5500MHz	Pass	Inf	20.29M	17.482M	20.072M	17.482M
5580MHz	Pass	Inf	20.217M	17.54M	19.928M	17.54M
5700MHz	Pass	Inf	19.928M	17.54M	20.072M	17.54M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.766M	13.748M	14.904M	13.748M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.783M	3.907M	3.783M	3.907M
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.565M	36.006M	39.275M	36.006M
5230MHz	Pass	Inf	39.565M	36.006M	39.13M	36.006M
5270MHz	Pass	Inf	39.565M	35.89M	39.13M	35.89M
5310MHz	Pass	Inf	39.565M	35.89M	39.42M	36.006M
5510MHz	Pass	Inf	39.42M	36.006M	39.42M	36.006M
5590MHz	Pass	Inf	39.42M	35.89M	39.565M	35.89M
5670MHz	Pass	Inf	39.855M	35.89M	39.42M	36.006M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.909M	32.818M	34.484M	32.818M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.174M	3.43M	2.87M	3.647M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.449M	75.485M	81.159M	75.485M
5290MHz	Pass	Inf	82.029M	75.253M	80.87M	75.485M
5530MHz	Pass	Inf	82.029M	75.485M	81.739M	75.485M
5610MHz	Pass	Inf	81.739M	75.485M	81.449M	75.485M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.944M	72.294M	75.944M	72.294M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.13M	4.428M	3.174M	4.993M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.725M	18.813M	20.652M	18.871M
5200MHz	Pass	Inf	20.507M	18.871M	20.58M	18.871M
5240MHz	Pass	Inf	20.58M	18.871M	20.87M	18.871M
5260MHz	Pass	Inf	20.435M	18.871M	20.725M	18.813M
5300MHz	Pass	Inf	20.58M	18.871M	20.435M	18.871M
5320MHz	Pass	Inf	20.87M	18.871M	20.507M	18.871M
5500MHz	Pass	Inf	20.797M	18.871M	20.58M	18.871M
5580MHz	Pass	Inf	20.725M	18.871M	20.725M	18.929M
5700MHz	Pass	Inf	20.58M	18.813M	20.725M	18.813M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.283M	14.436M	15.317M	14.436M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.391M	4.515M	3.826M	4.515M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.435M	37.742M	40.435M	37.742M
5230MHz	Pass	Inf	40.58M	37.742M	39.855M	37.627M
5270MHz	Pass	Inf	40.145M	37.627M	40.145M	37.627M
5310MHz	Pass	Inf	40.145M	37.742M	40.29M	37.511M
5510MHz	Pass	Inf	40.725M	37.742M	40.145M	37.627M
5590MHz	Pass	Inf	39.855M	37.627M	40.29M	37.627M
5670MHz	Pass	Inf	40M	37.627M	40.145M	37.742M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.909M	33.669M	34.909M	33.669M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.957M	4.081M	3.826M	4.081M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.029M	77.106M	81.739M	76.874M
5290MHz	Pass	Inf	81.159M	76.874M	82.029M	77.106M
5530MHz	Pass	Inf	81.739M	77.337M	81.739M	77.106M
5610MHz	Pass	Inf	81.739M	77.337M	82.029M	77.106M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.944M	73.039M	75.571M	73.039M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.559M	3.957M	5.036M

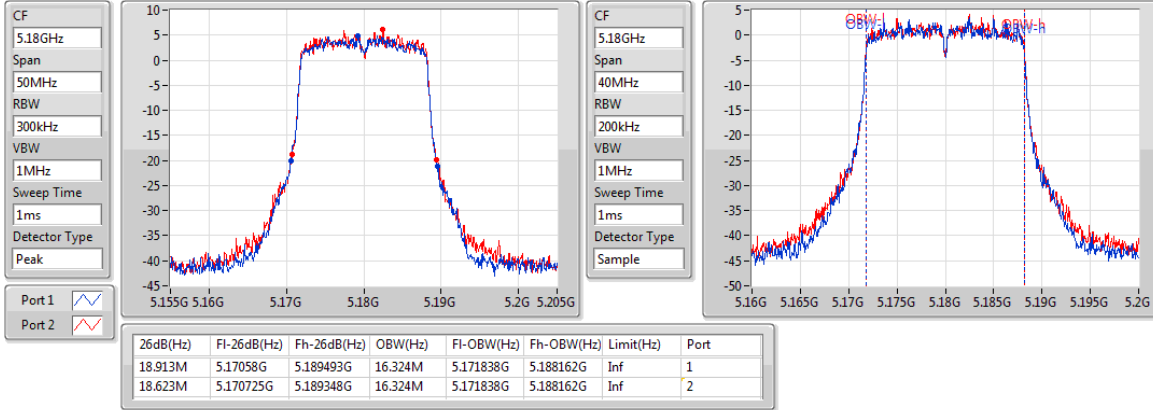
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

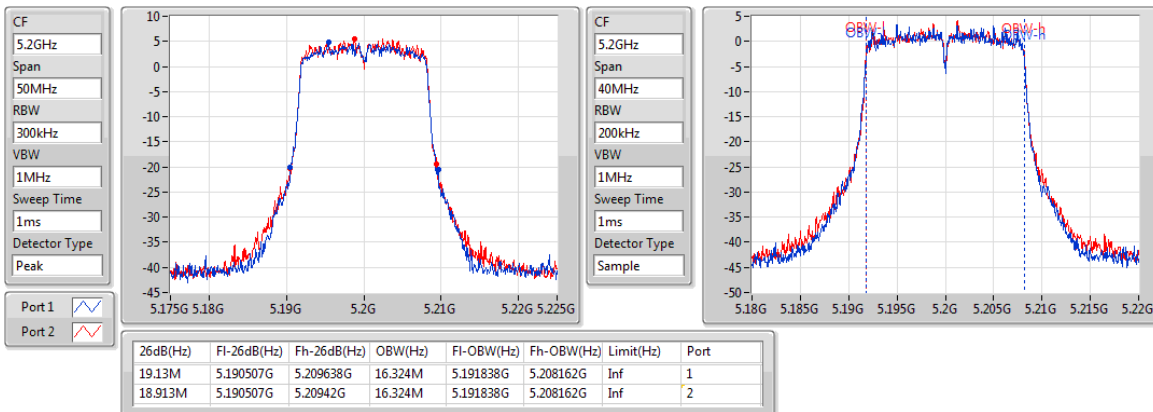
5180MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

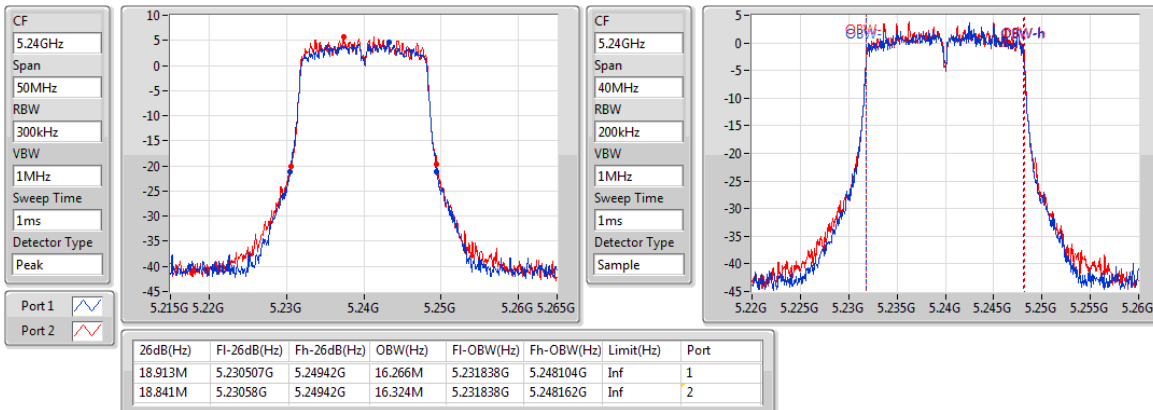
5200MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

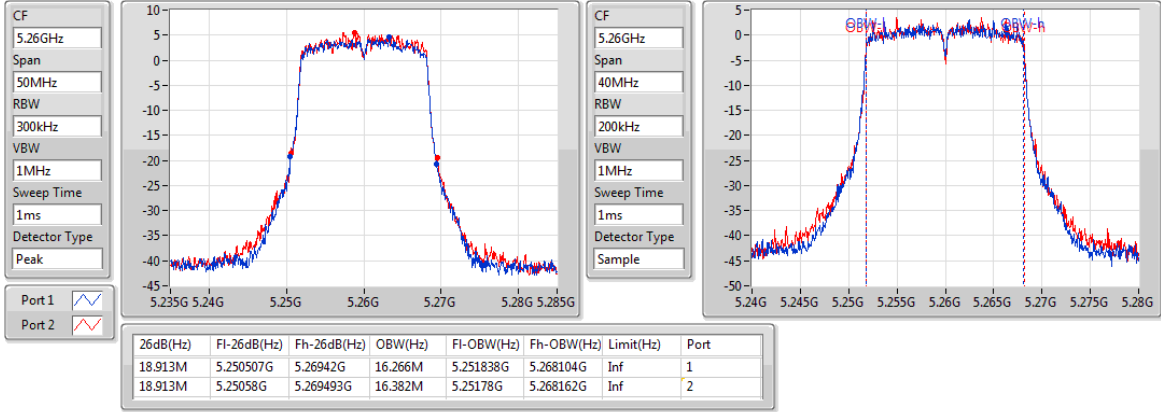
5240MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

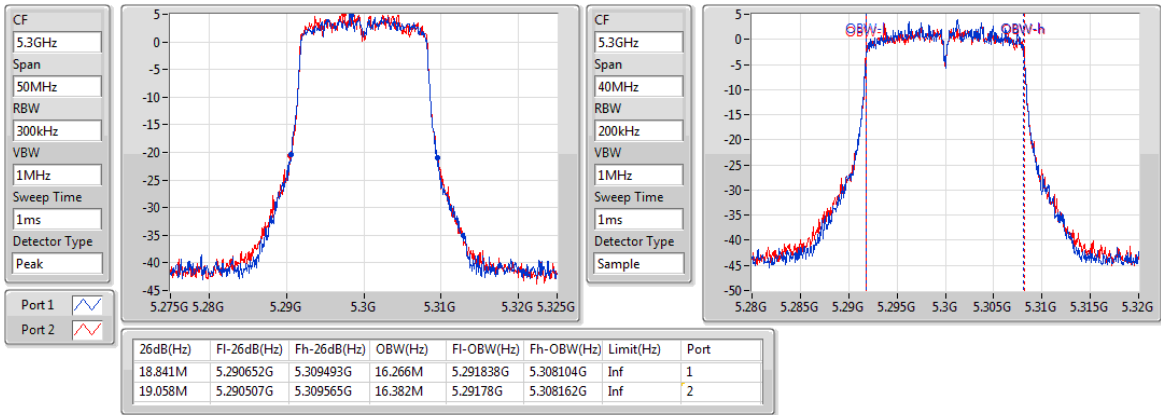
5260MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

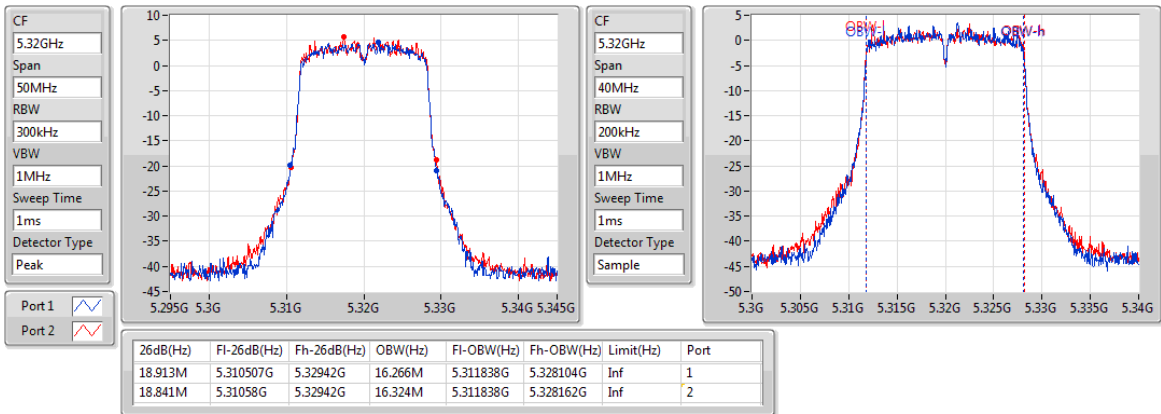
5300MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

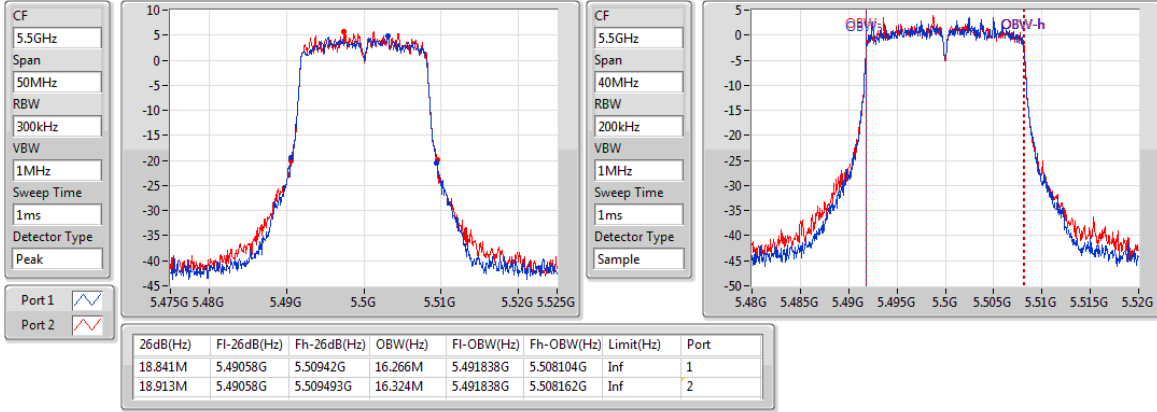
5320MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

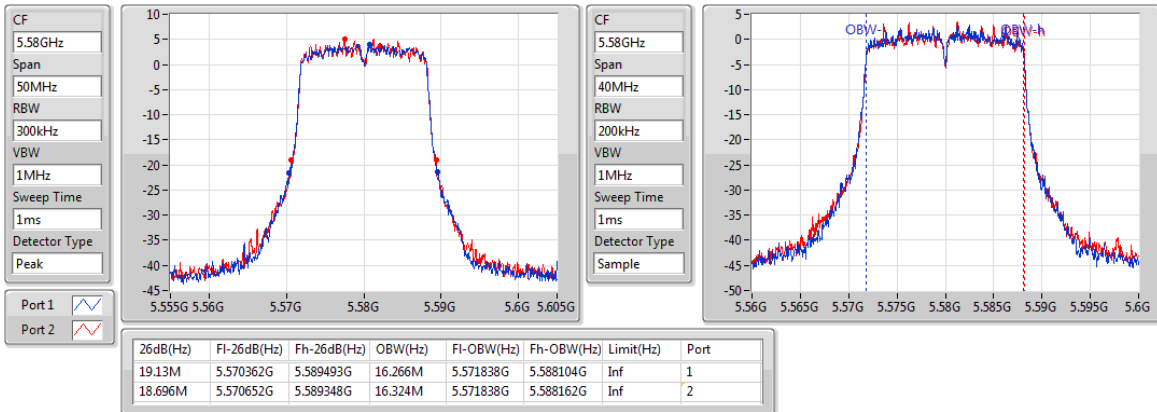
5500MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

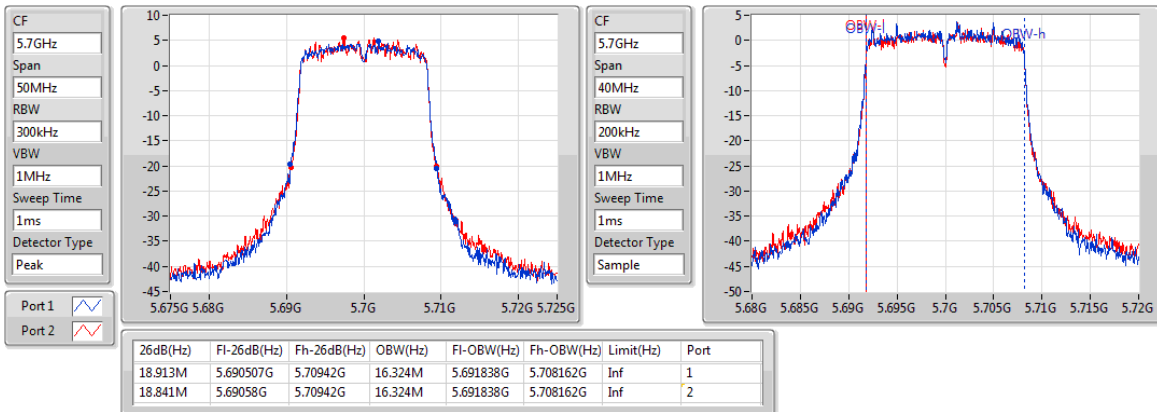
5580MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

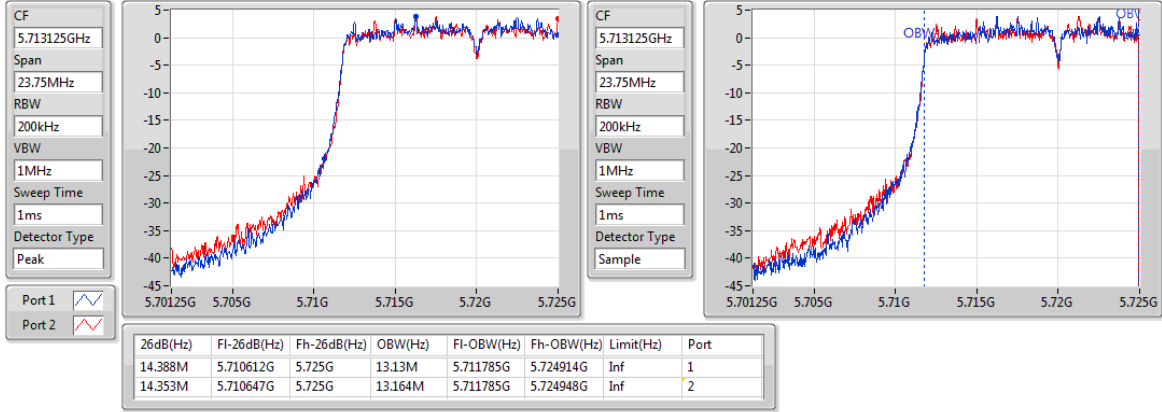
5700MHz



802.11a_Nss1,(6Mbps)_2TX

EBW

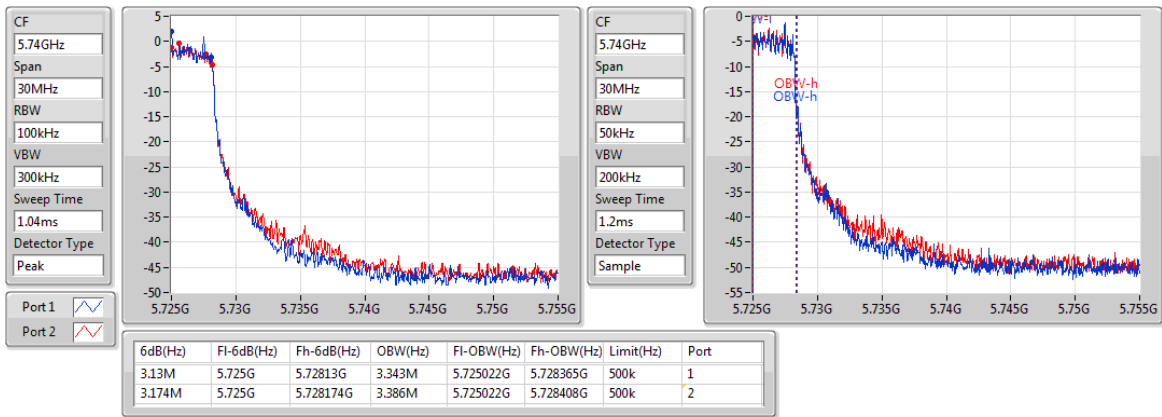
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

EBW

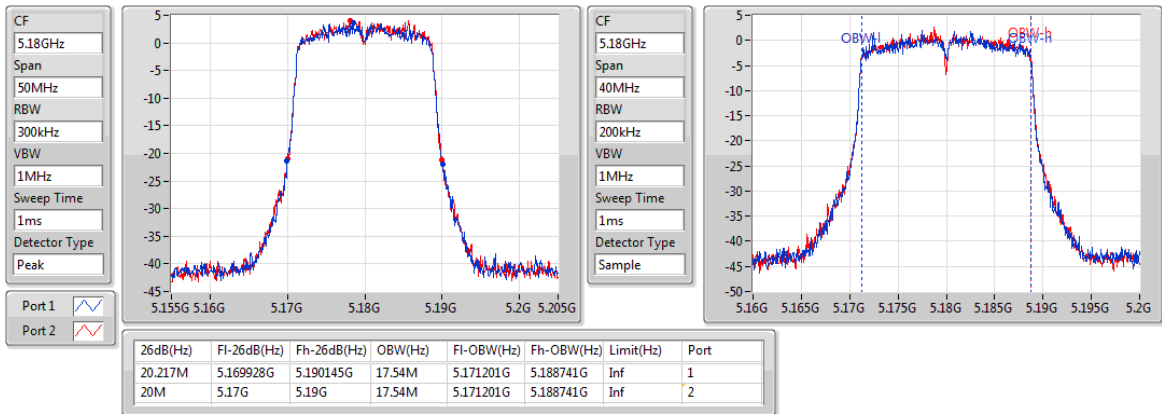
5720MHz Straddle 5.725-5.85GHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

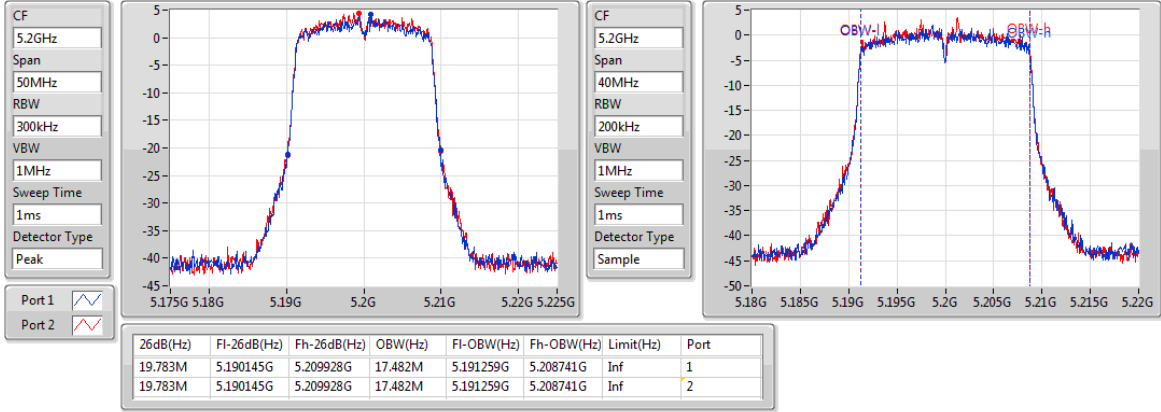
5180MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

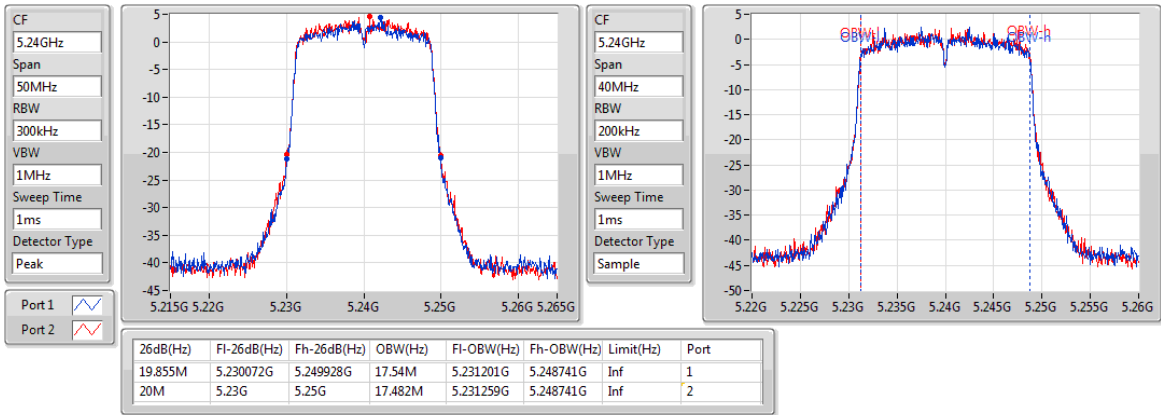
5200MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

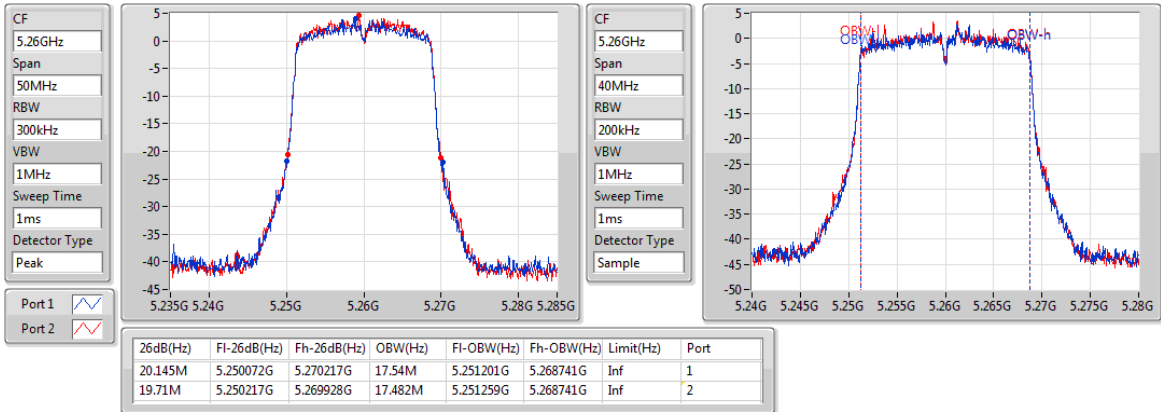
5240MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

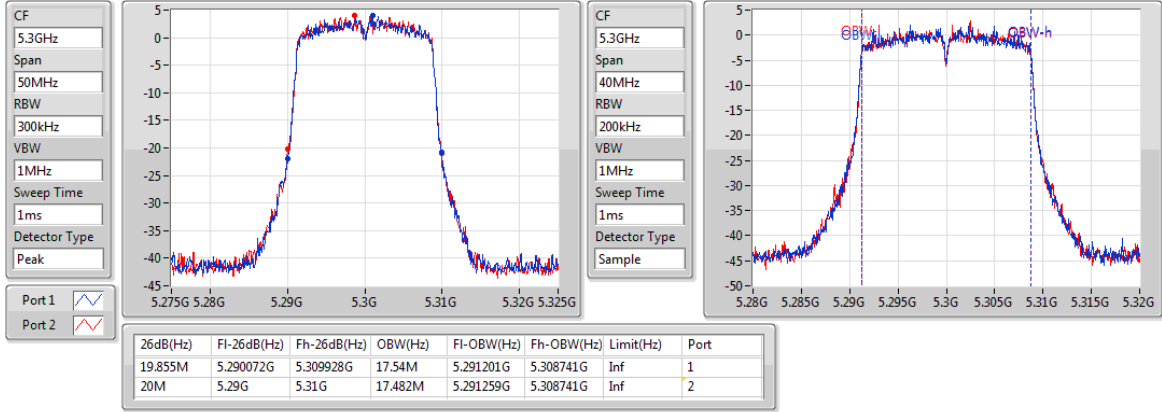
5260MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

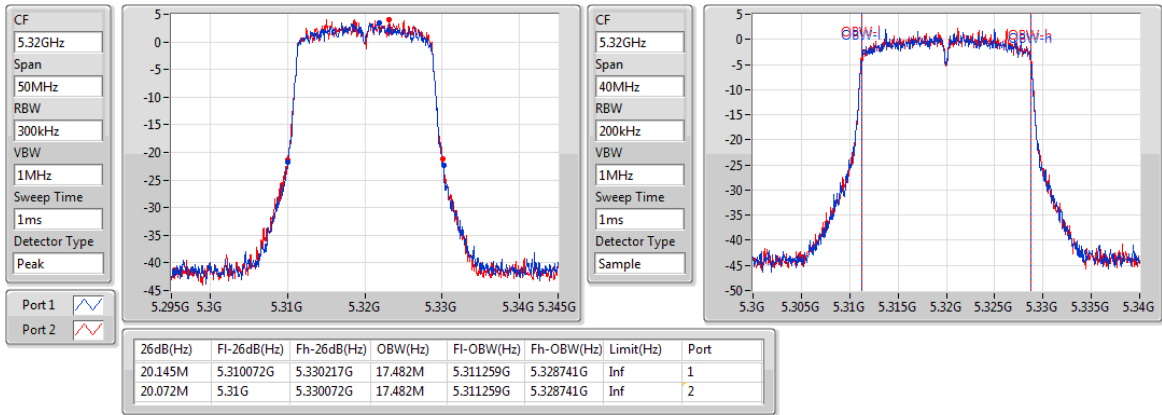
5300MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

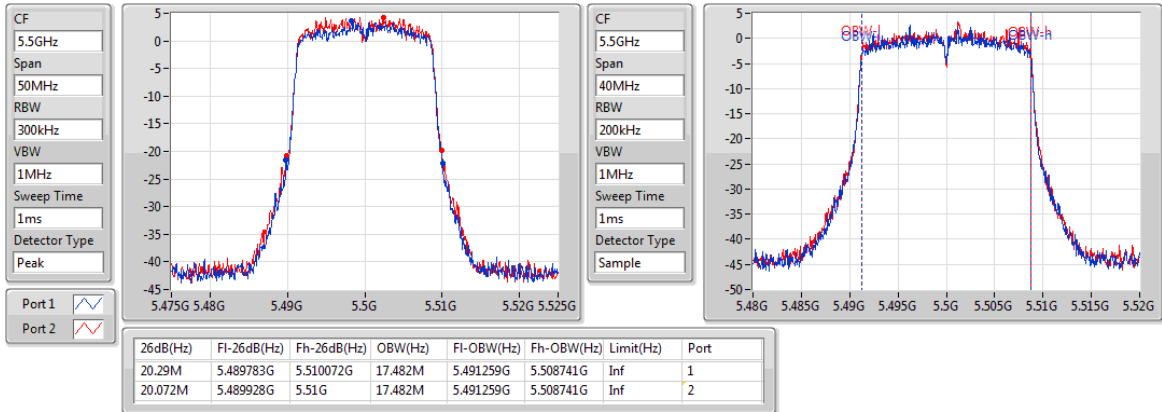
5320MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

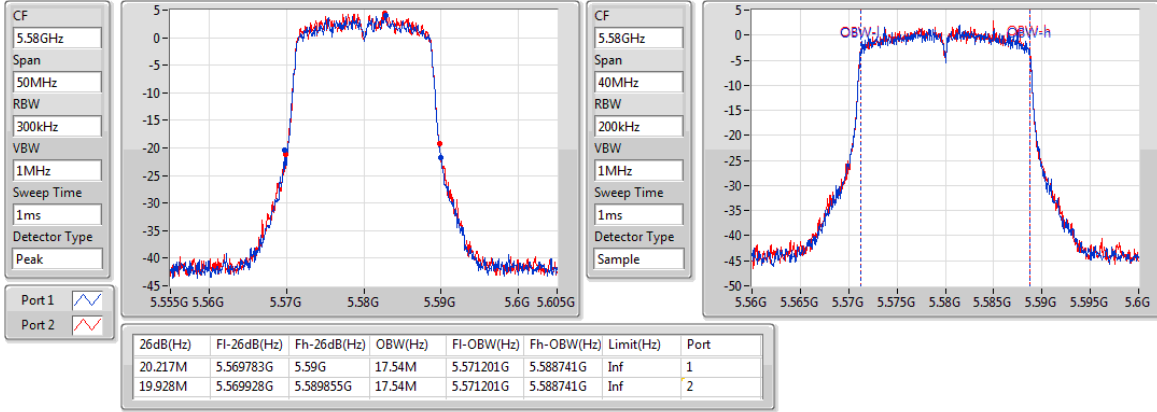
5500MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

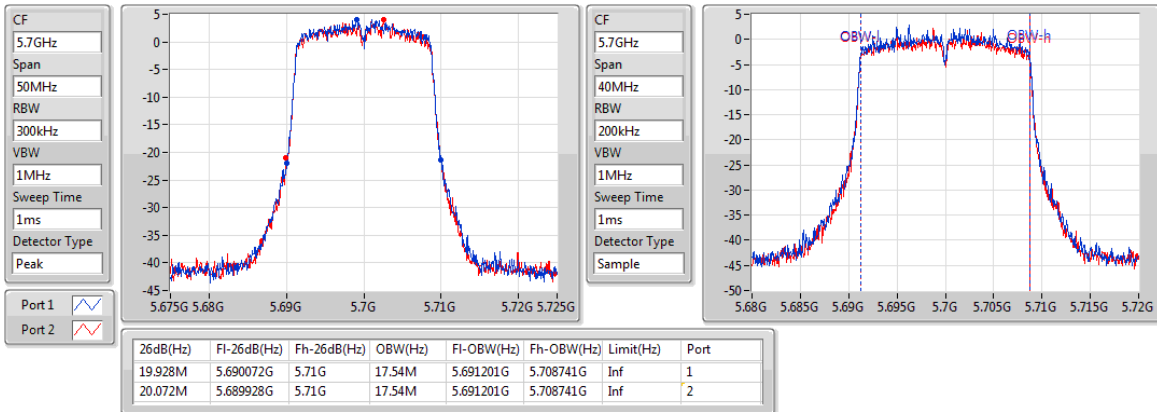
5580MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

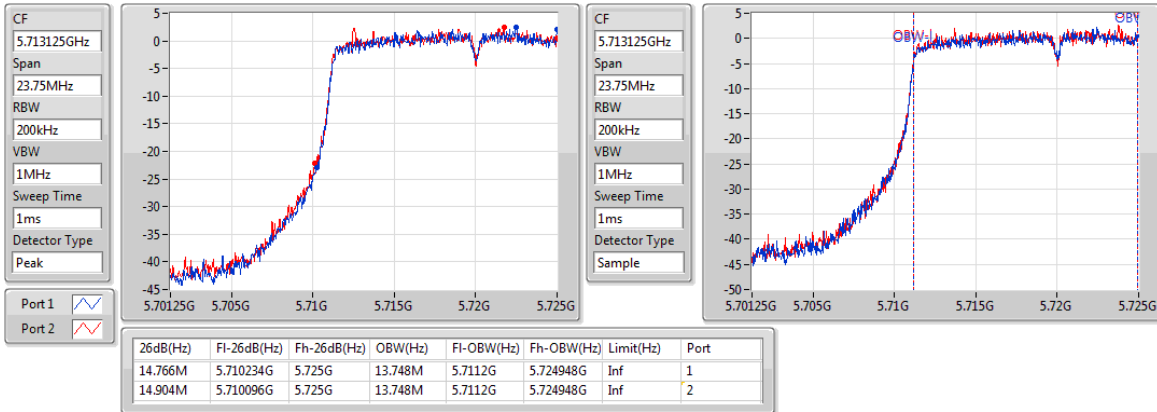
5700MHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

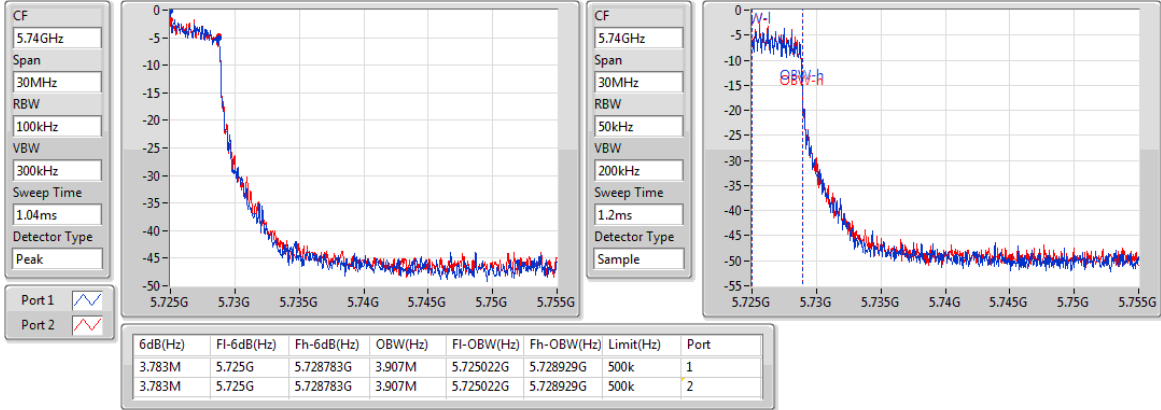
5720MHz Straddle 5.47-5.725GHz



802.11n HT20_Nss1,(MCS0)_2TX

EBW

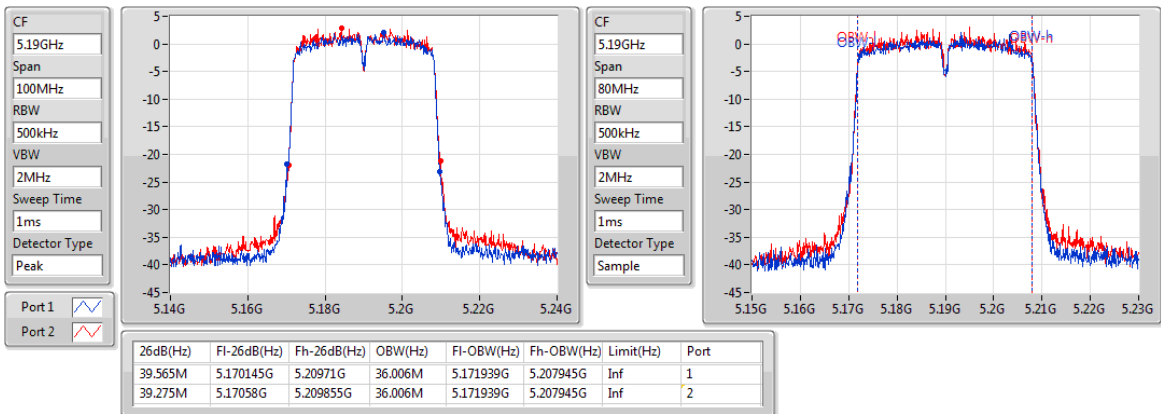
5720MHz Straddle 5.725-5.85GHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

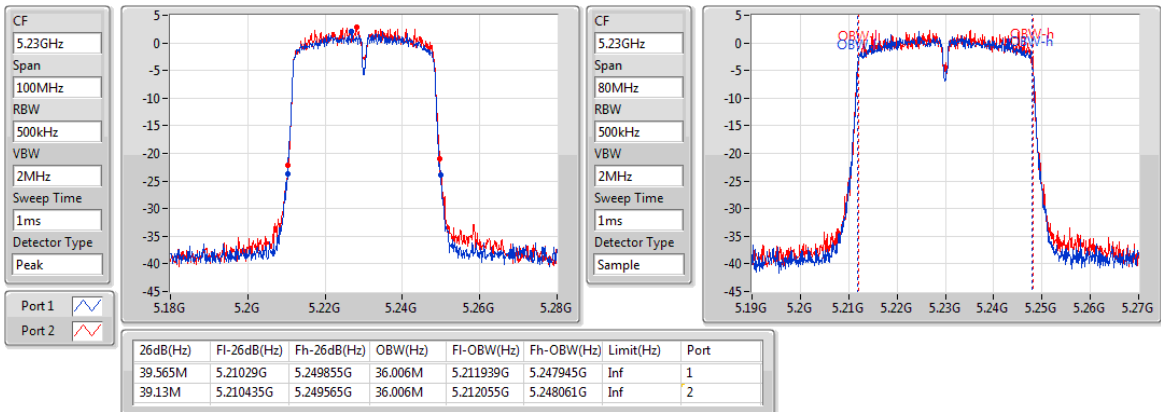
5190MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

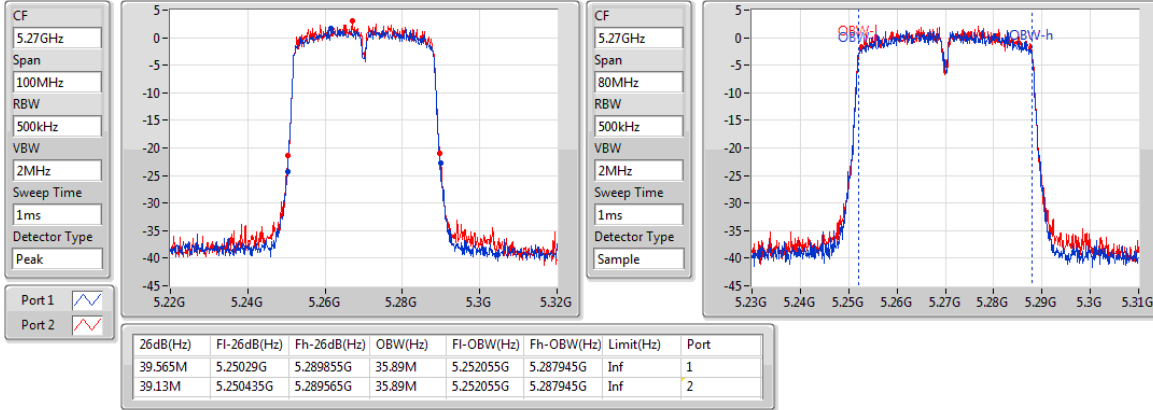
5230MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

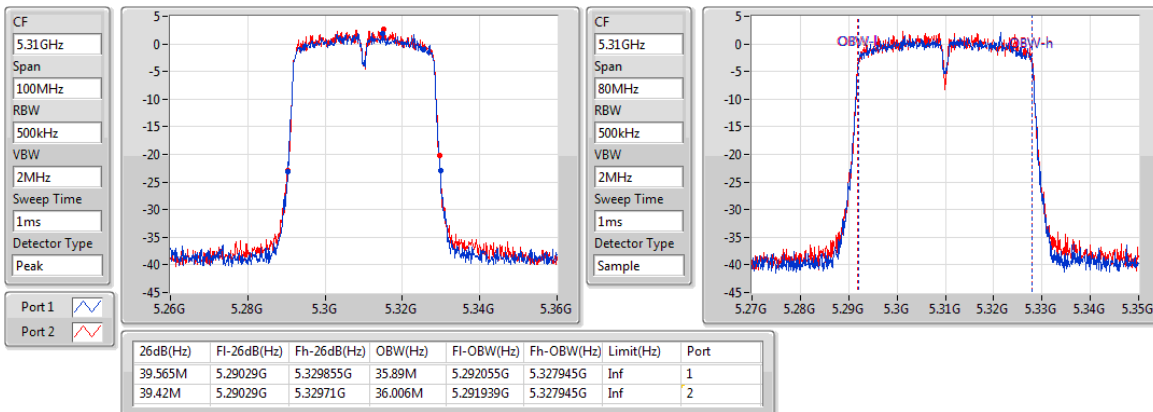
5270MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

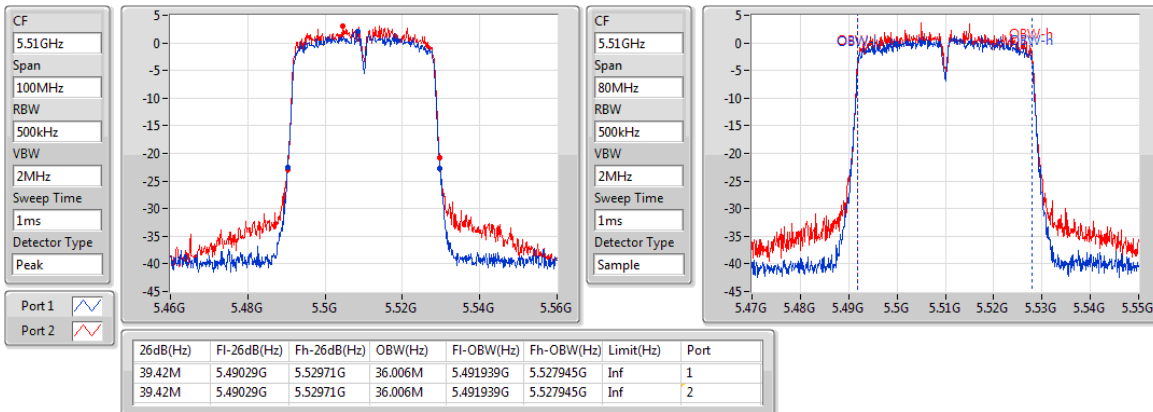
5310MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

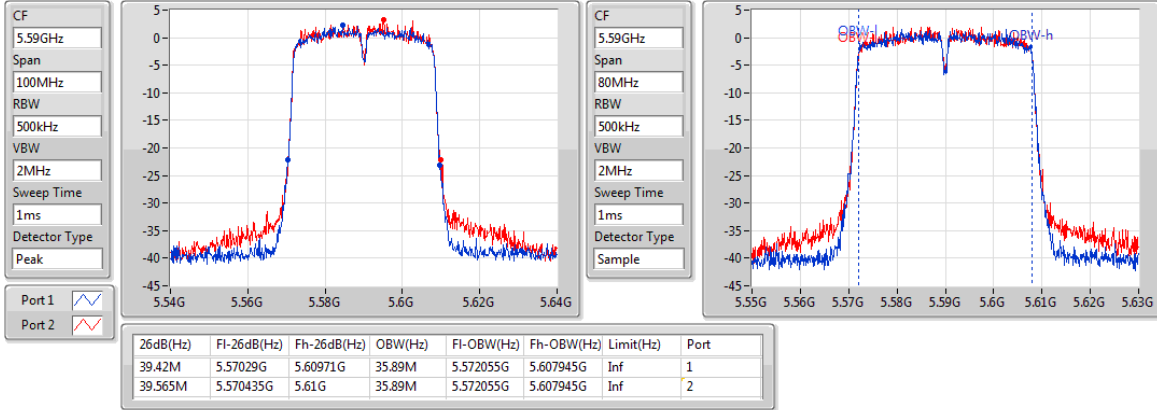
5510MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

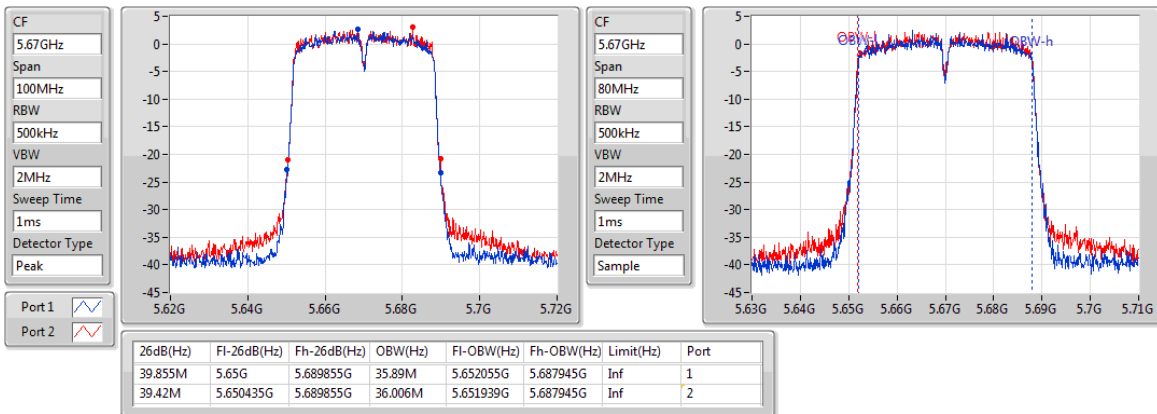
5590MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

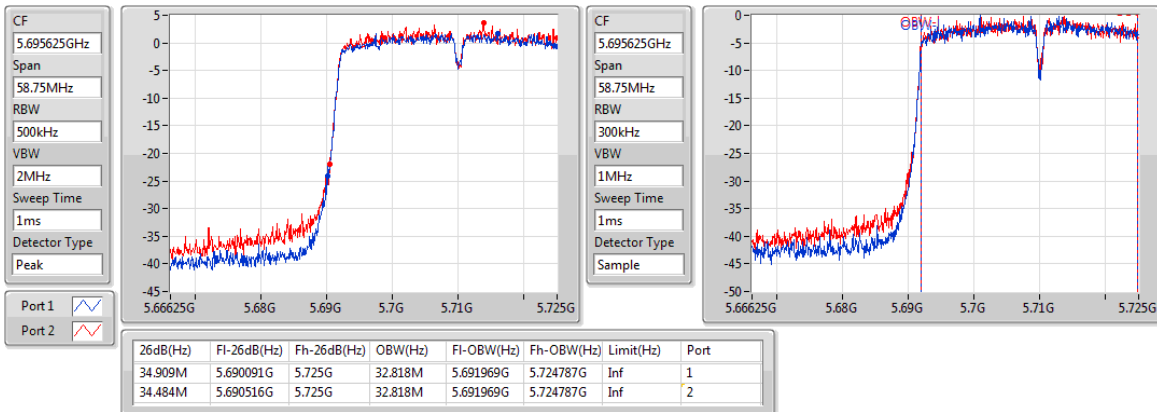
5670MHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

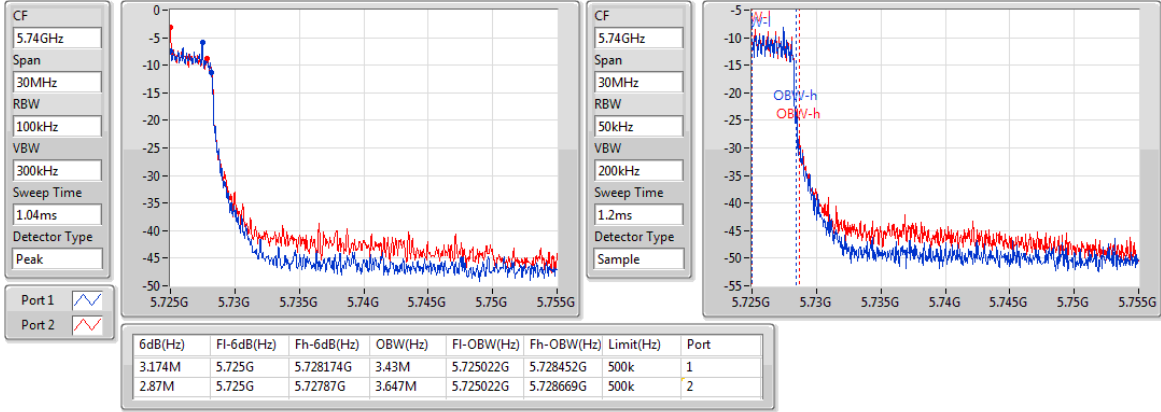
5710MHz Straddle 5.47-5.725GHz



802.11n HT40_Nss1,(MCS0)_2TX

EBW

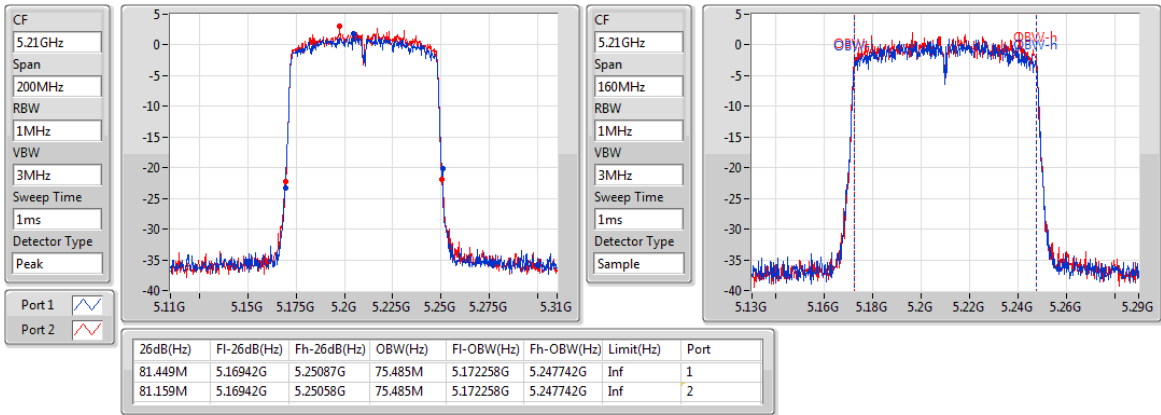
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

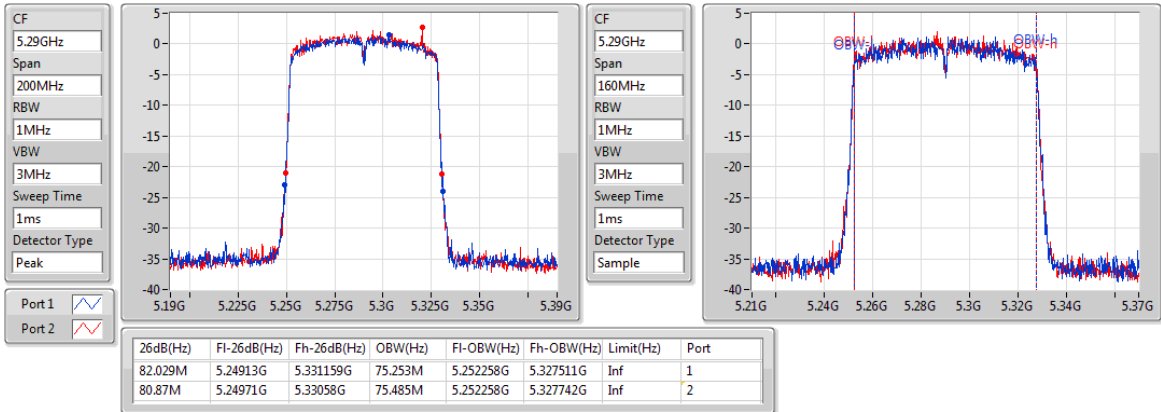
5210MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

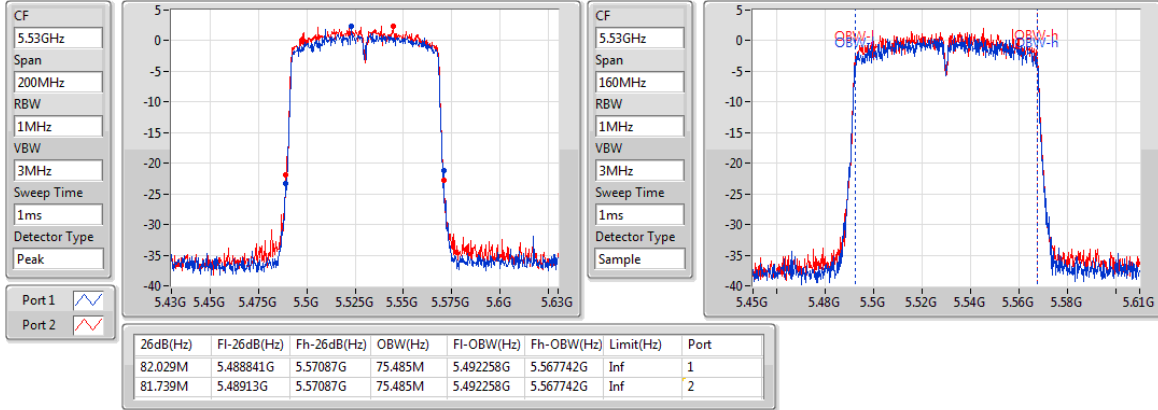
5290MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

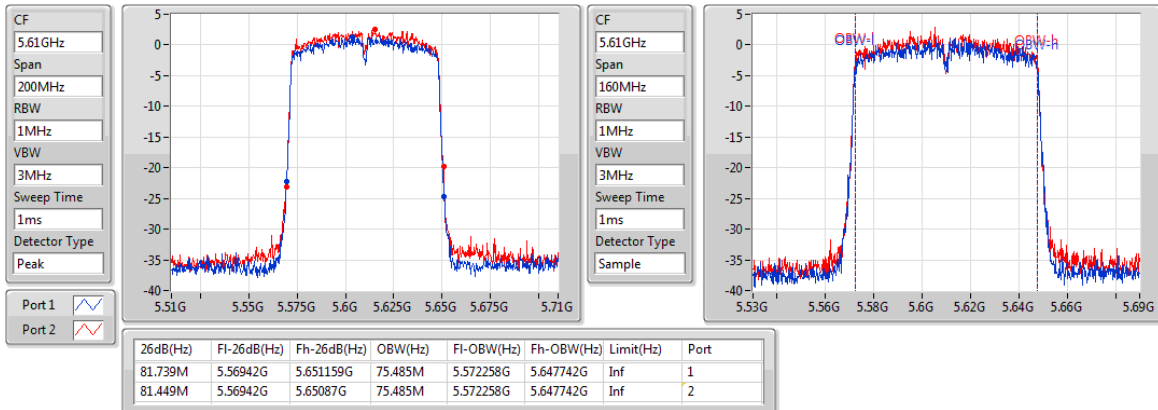
5530MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

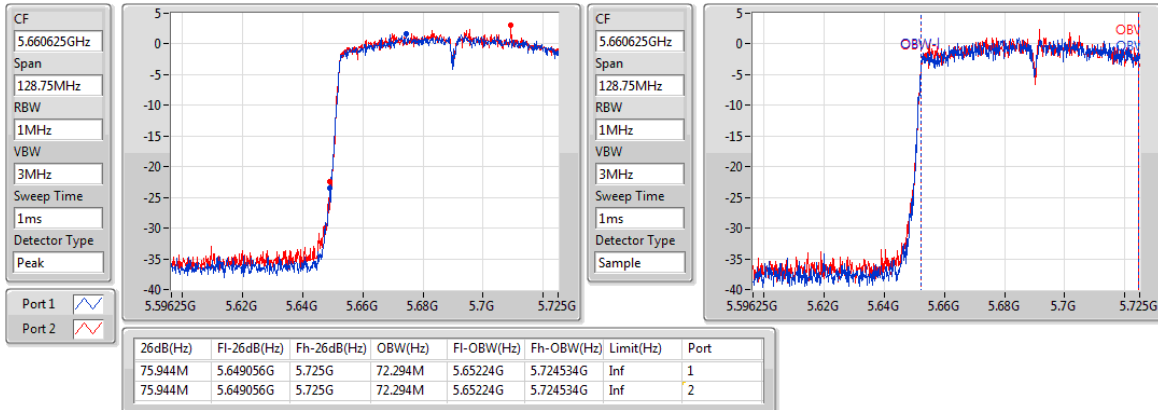
5610MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

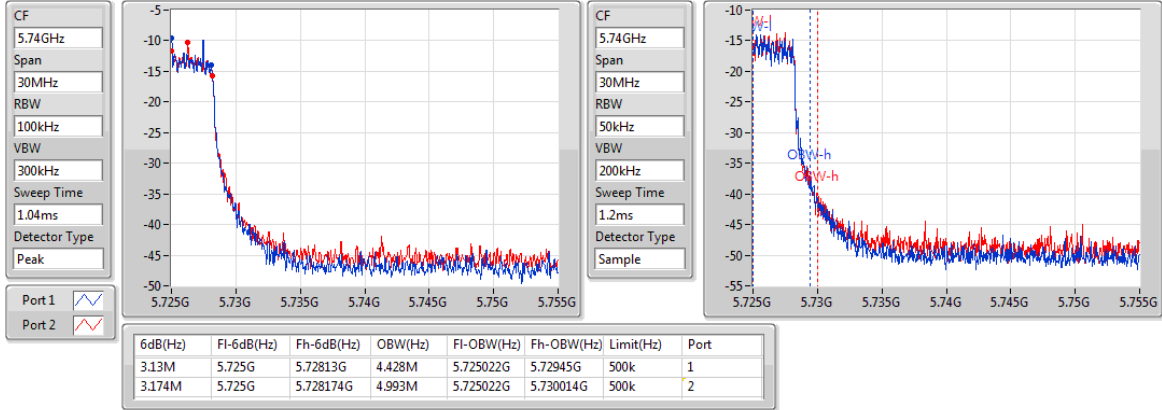
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

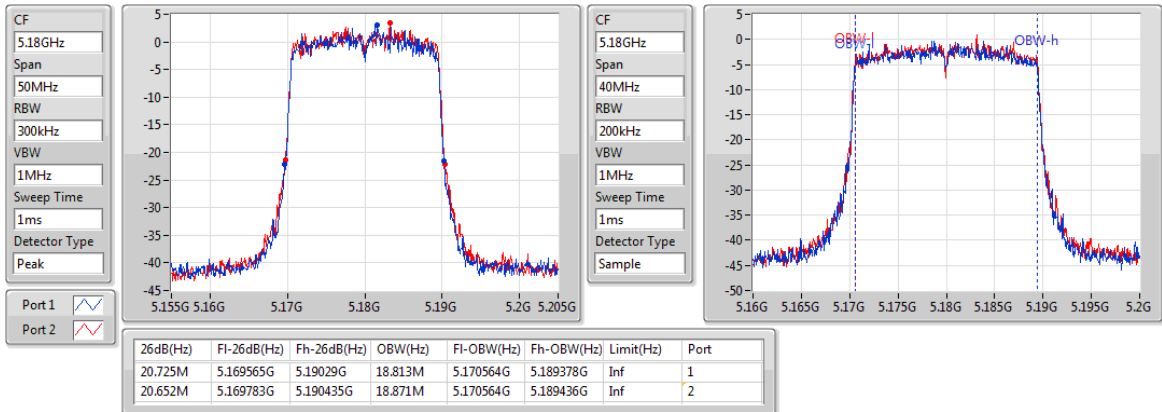
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

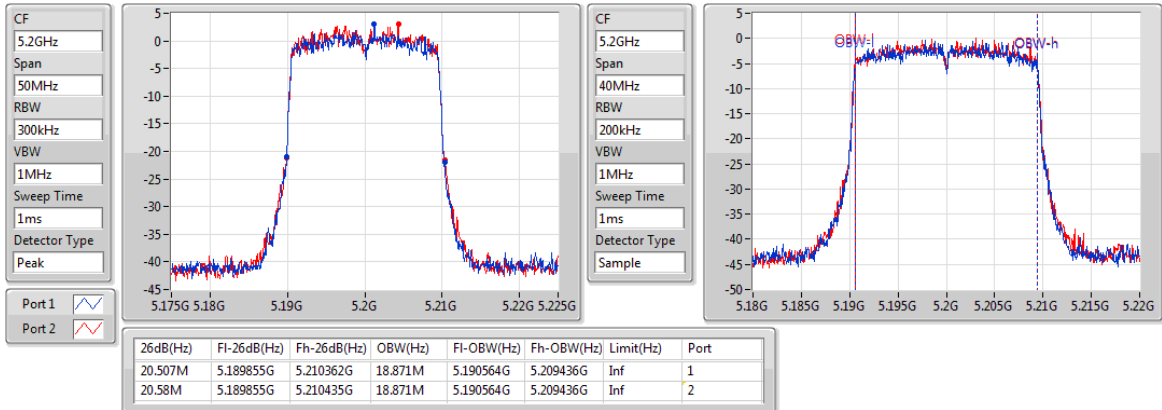
5180MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

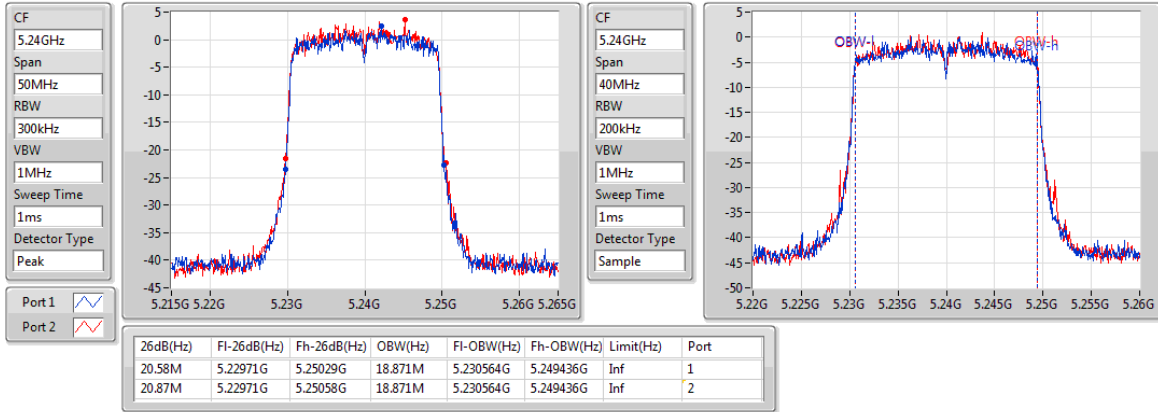
5200MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

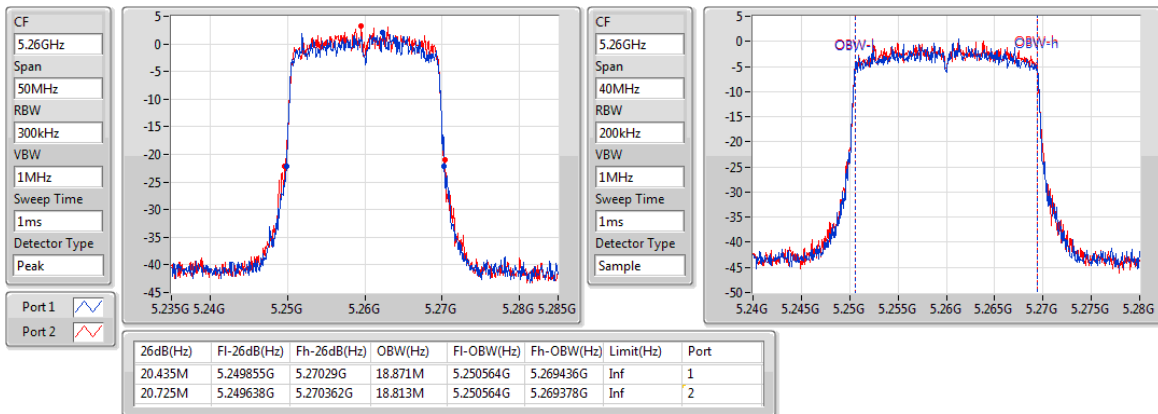
5240MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

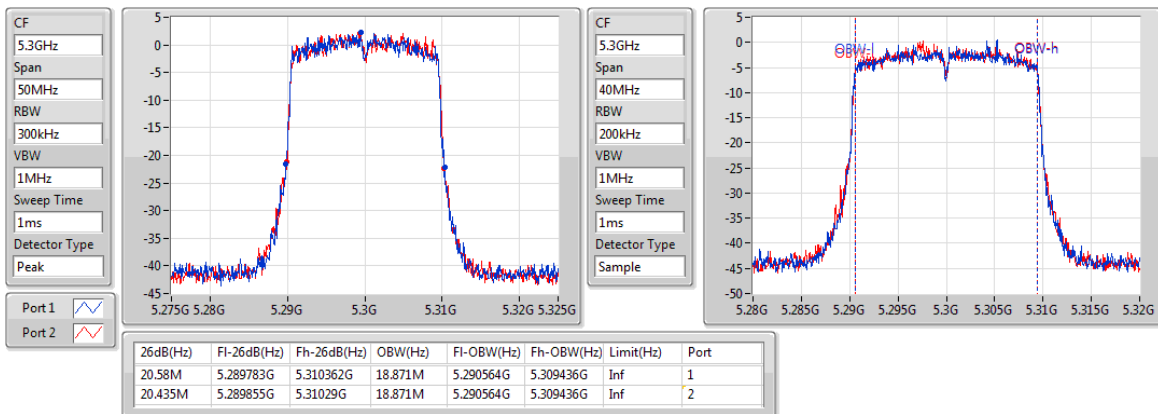
5260MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

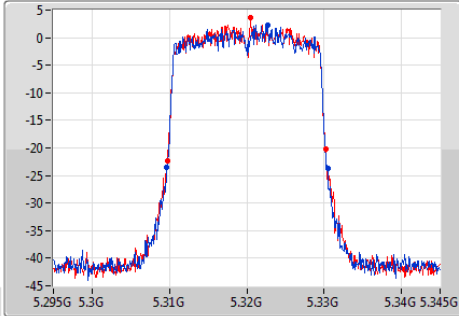


802.11ax HEW20_Nss1,(MCS0)_2TX

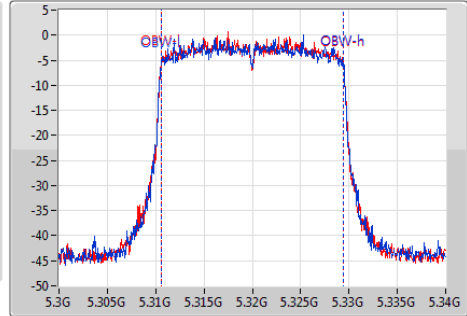
EBW

5320MHz

CF
5.32GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak
Port 1
Port 2



CF
5.32GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample



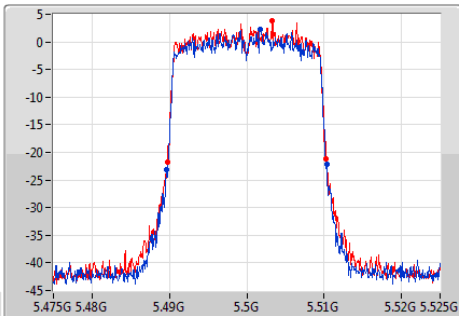
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.87M	5.309638G	5.330507G	18.871M	5.310564G	5.329436G	Inf	1
20.507M	5.30971G	5.330217G	18.871M	5.310564G	5.329436G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX

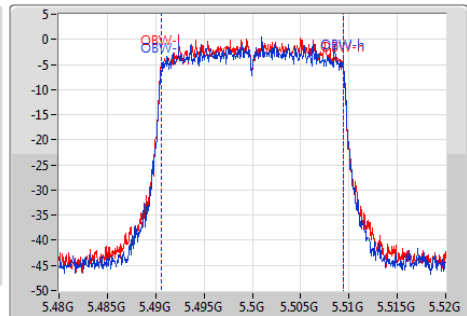
EBW

5500MHz

CF
5.5GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak
Port 1
Port 2



CF
5.5GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample



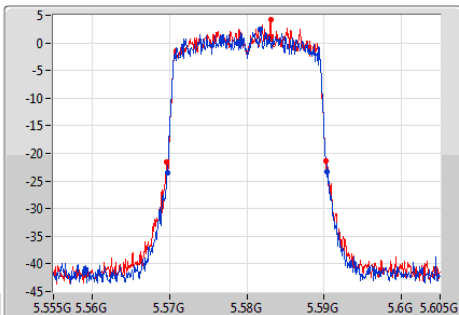
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.797M	5.489565G	5.510362G	18.871M	5.490564G	5.509436G	Inf	1
20.58M	5.48971G	5.51029G	18.871M	5.490564G	5.509436G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX

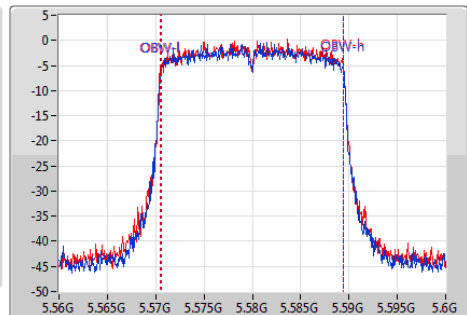
EBW

5580MHz

CF
5.58GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak
Port 1
Port 2



CF
5.58GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample

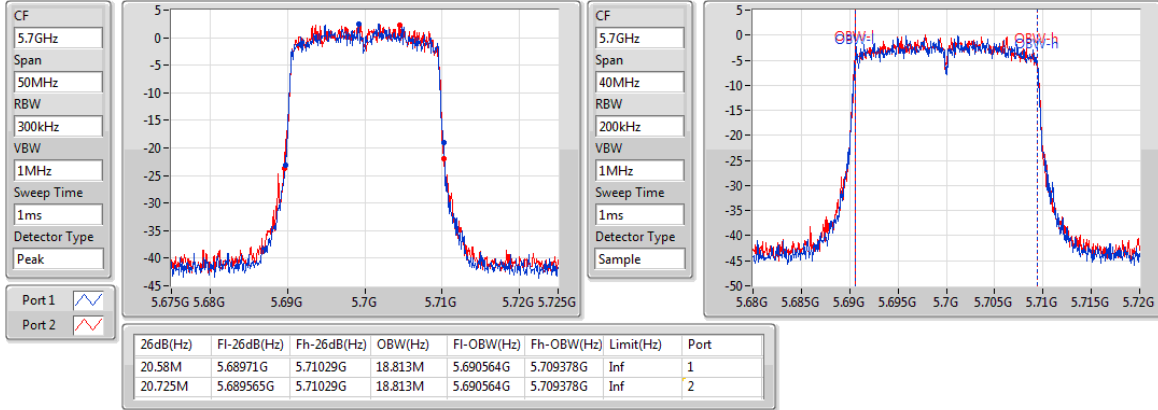


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.56971G	5.590435G	18.871M	5.570564G	5.589436G	Inf	1
20.725M	5.569565G	5.59029G	18.929M	5.570507G	5.589436G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

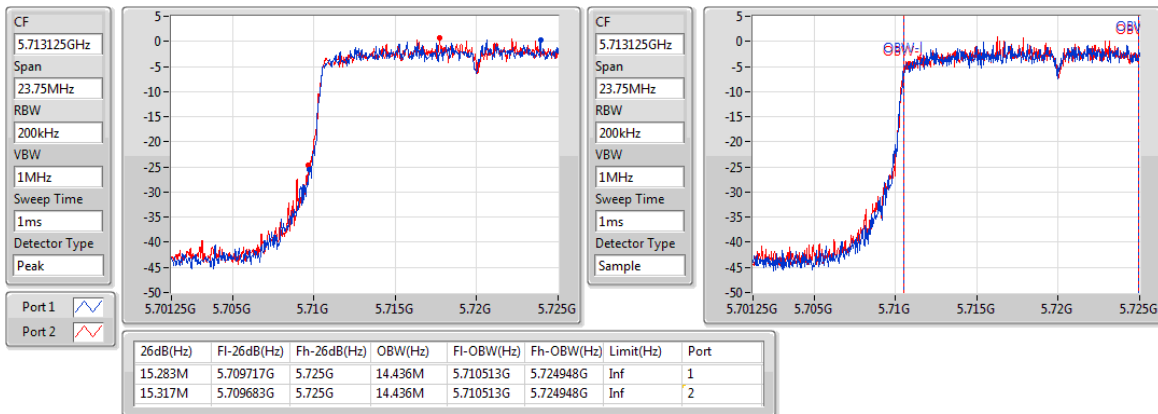
5700MHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

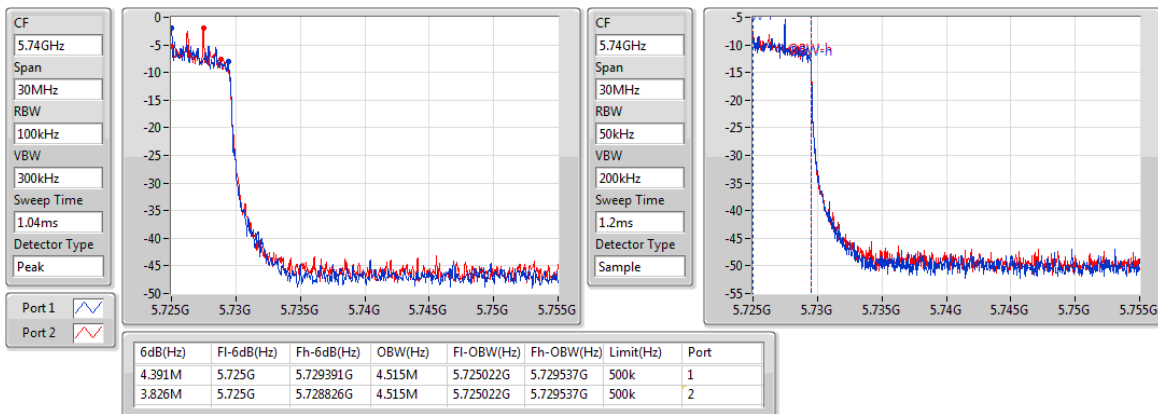
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

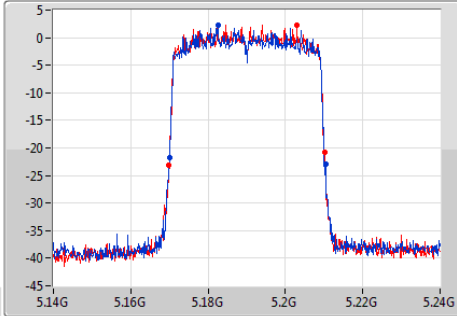


802.11ax HEW40_Nss1,(MCS0)_2TX

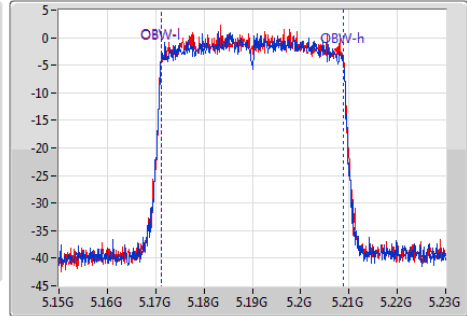
EBW

5190MHz

CF
5.19GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.19GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Sample



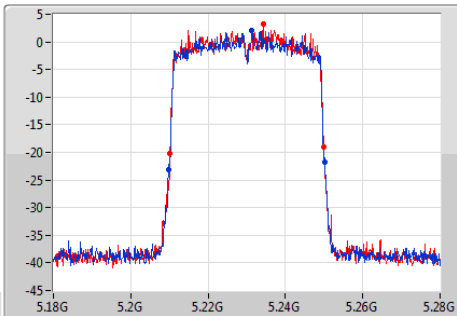
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.435M	5.17G	5.210435G	37.742M	5.171129G	5.208871G	Inf	1
40.435M	5.169855G	5.21029G	37.742M	5.171129G	5.208871G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

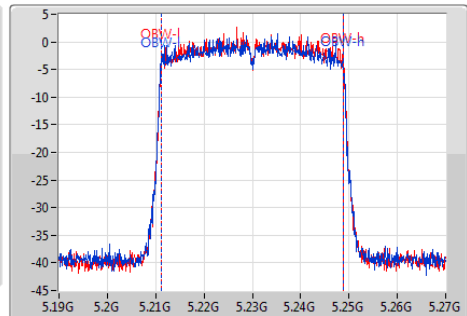
EBW

5230MHz

CF
5.23GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.23GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Sample



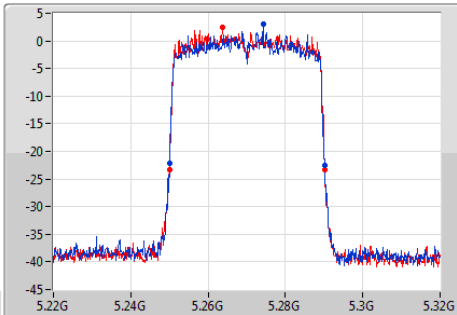
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.58M	5.20971G	5.25029G	37.742M	5.211129G	5.248871G	Inf	1
39.855M	5.210145G	5.25G	37.627M	5.211245G	5.248871G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

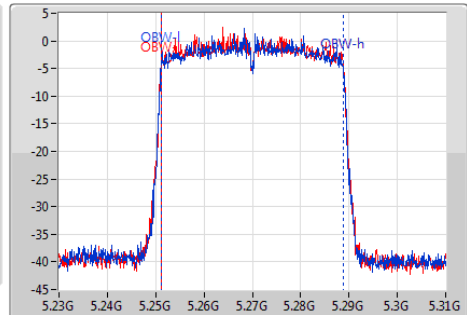
EBW

5270MHz

CF
5.27GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.27GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Sample

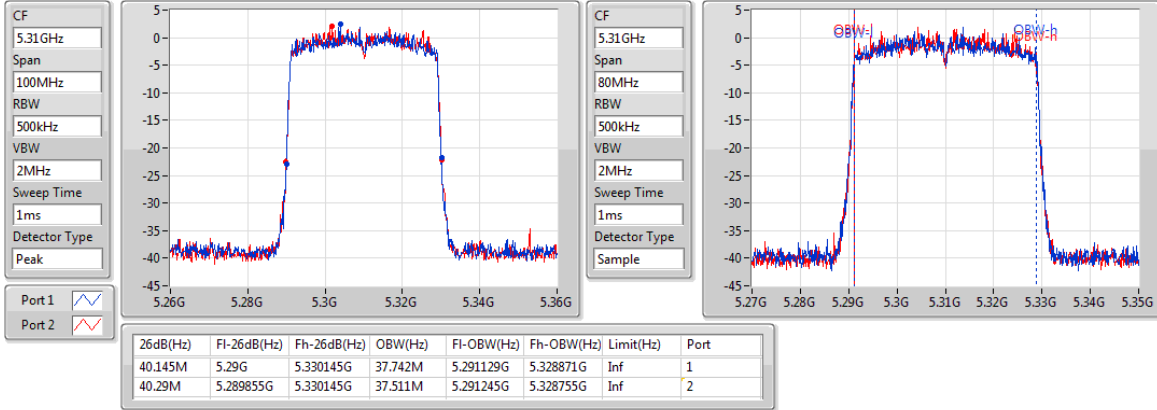


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.145M	5.25G	5.290145G	37.627M	5.251129G	5.288755G	Inf	1
40.145M	5.25G	5.290145G	37.627M	5.251129G	5.288755G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

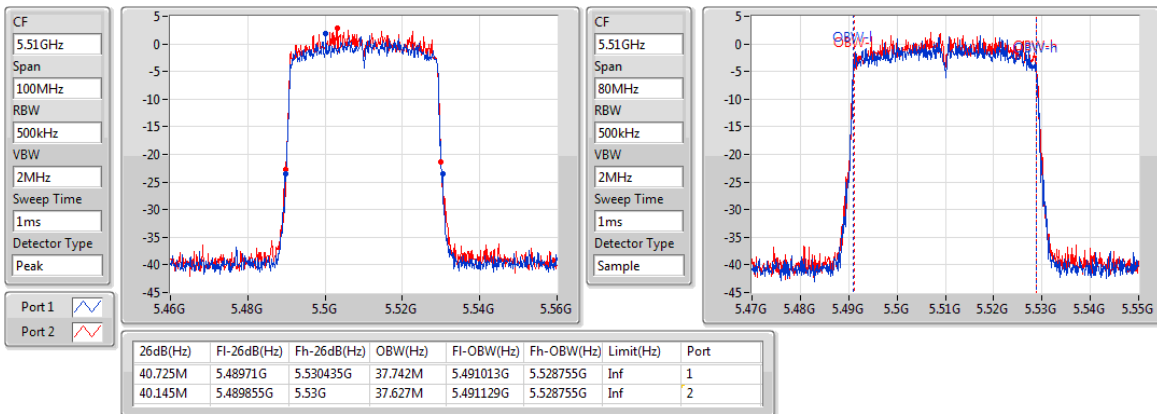
5310MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

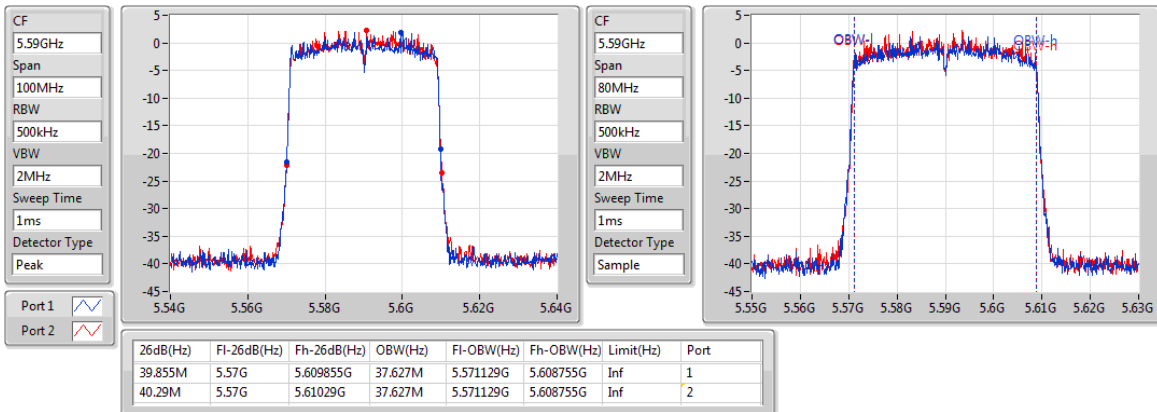
5510MHz



802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5590MHz

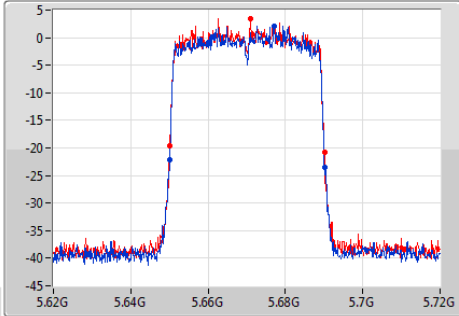


802.11ax HEW40_Nss1,(MCS0)_2TX

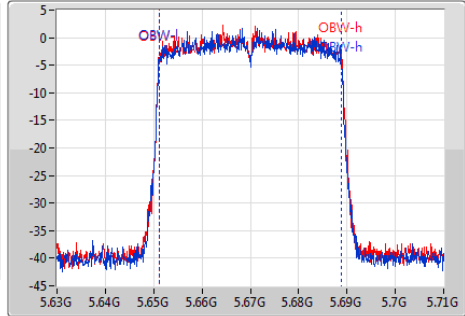
EBW

5670MHz

CF
5.67GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.67GHz
Span
80MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Sample



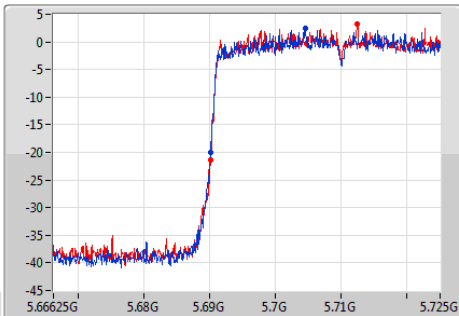
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.650145G	5.690145G	37.627M	5.651129G	5.688755G	Inf	1
40.145M	5.65G	5.690145G	37.742M	5.651129G	5.688871G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

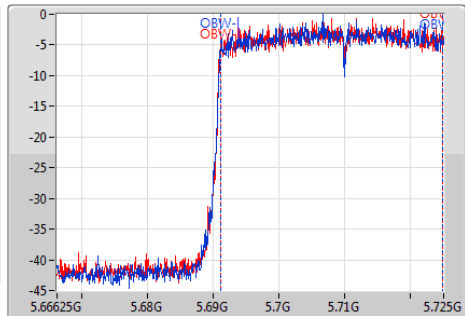
EBW

5710MHz Straddle 5.47-5.725GHz

CF
5.695625GHz
Span
58.75MHz
RBW
500kHz
VBW
2MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.695625GHz
Span
58.75MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample



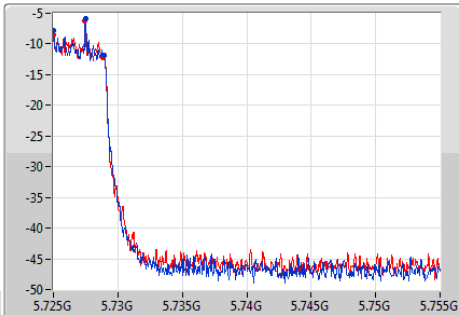
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.909M	5.690091G	5.725G	33.669M	5.691119G	5.724787G	Inf	1
34.909M	5.690091G	5.725G	33.669M	5.691119G	5.724787G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX

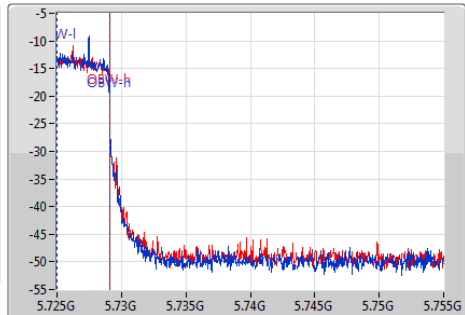
EBW

5710MHz Straddle 5.725-5.85GHz

CF
5.74GHz
Span
30MHz
RBW
100kHz
VBW
300kHz
Sweep Time
1.04ms
Detector Type
Peak



CF
5.74GHz
Span
30MHz
RBW
50kHz
VBW
200kHz
Sweep Time
1.2ms
Detector Type
Sample

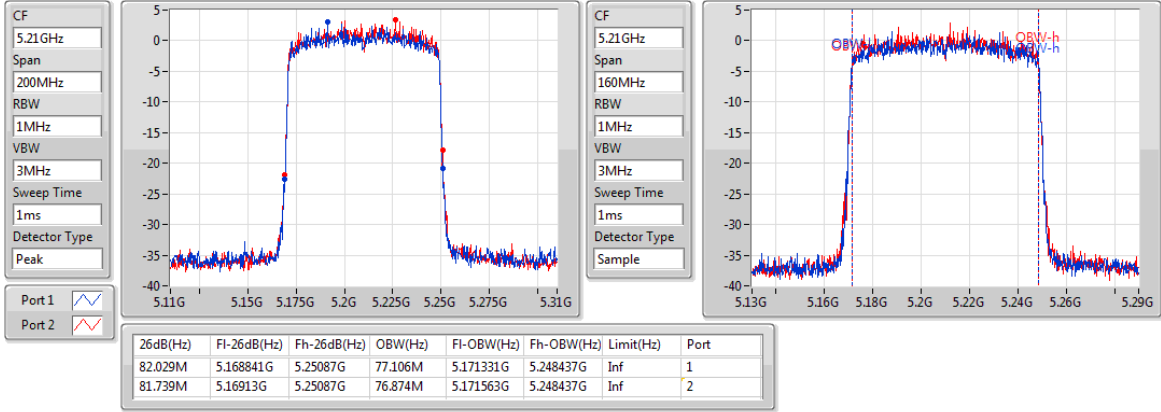


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.857M	5.725G	5.728957G	4.081M	5.725022G	5.729103G	500k	1
3.826M	5.725G	5.728826G	4.081M	5.725022G	5.729103G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

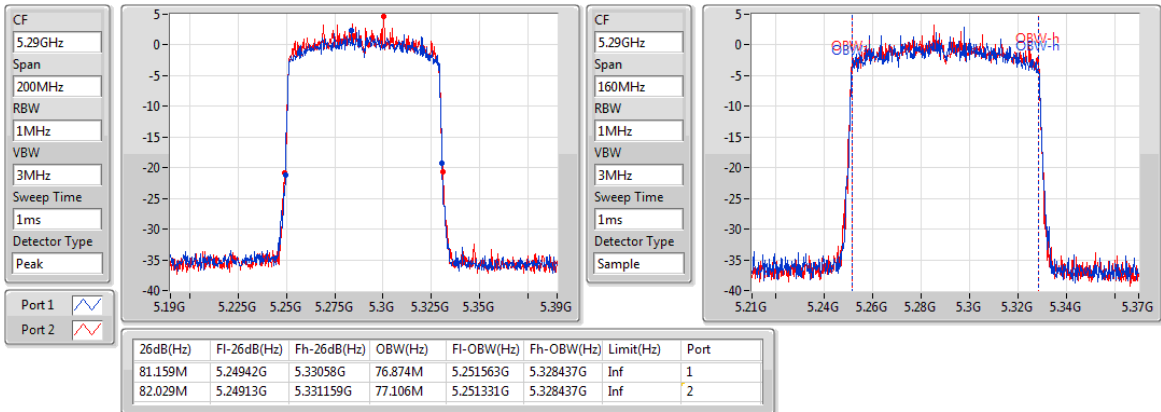
5210MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

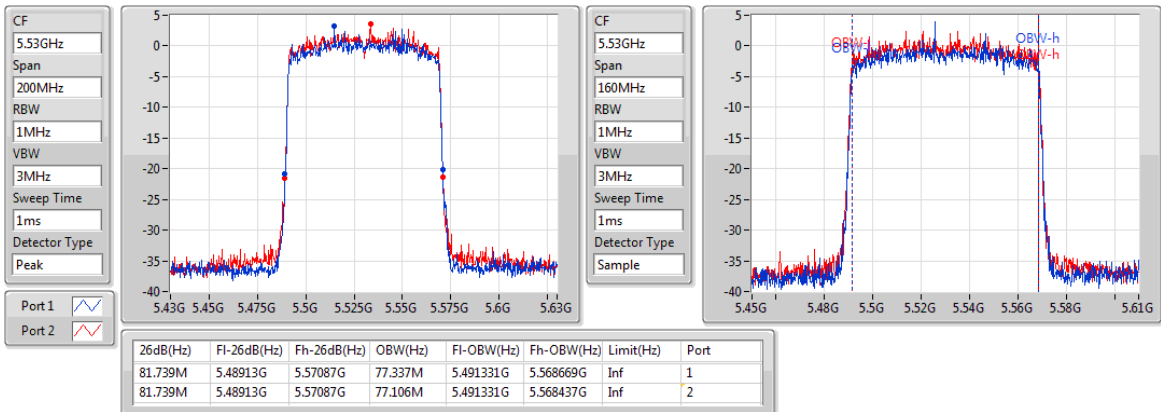
5290MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

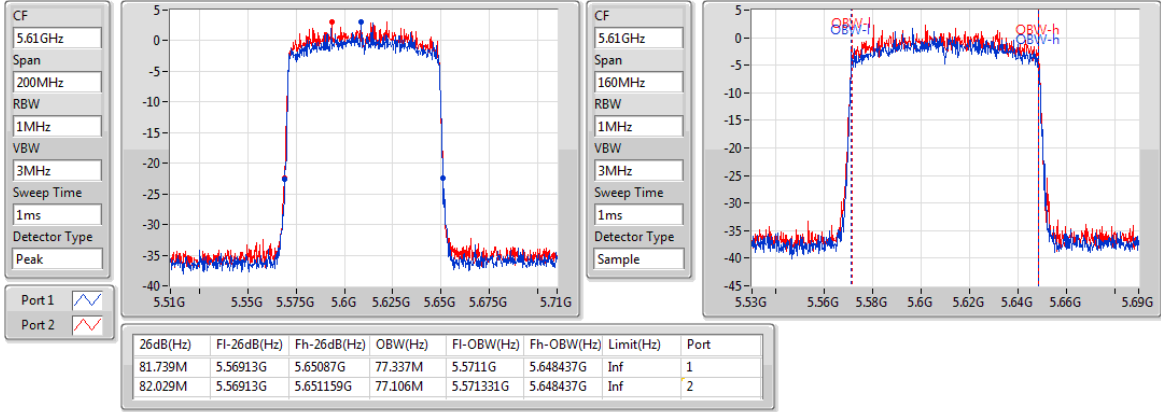
5530MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

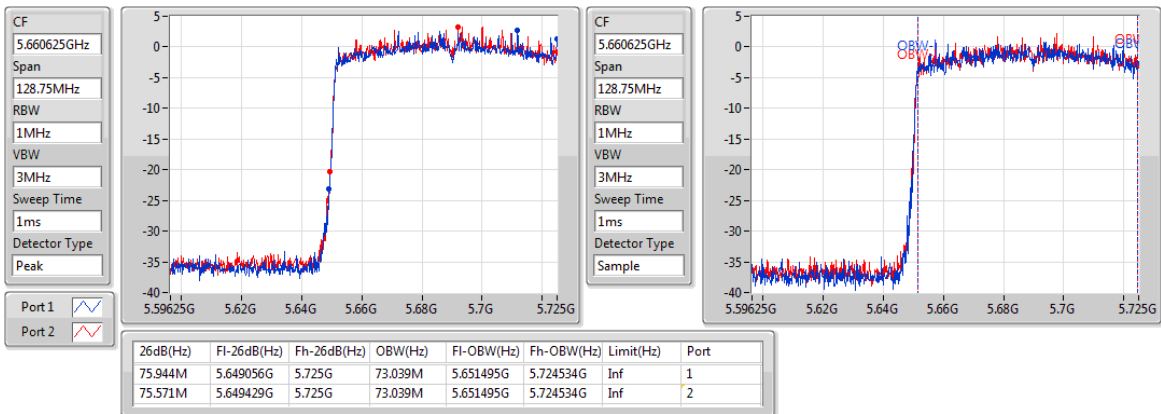
5610MHz



802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

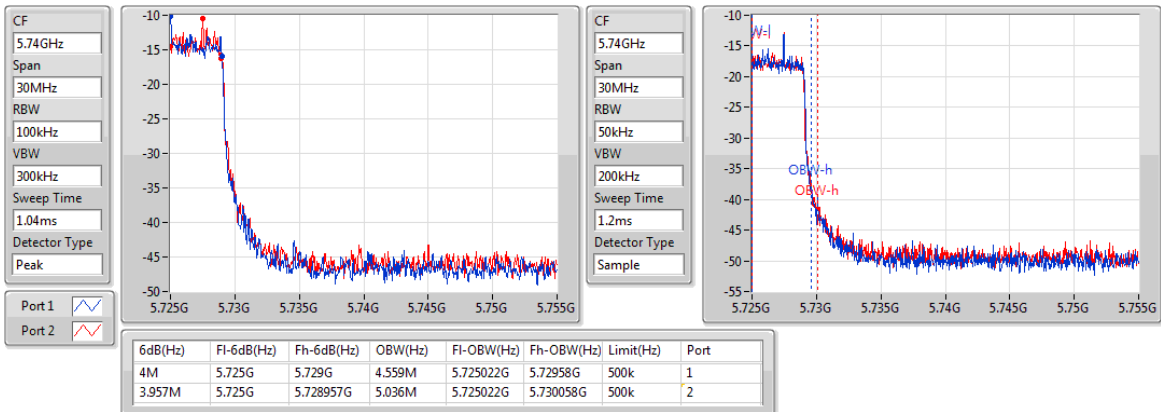
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	18.768M	17.25M	17M2D1D	18.478M	16.961M
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	20.29M	17.308M	17M3D1D	19.493M	17.192M
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	21.377M	18.234M	18M2D1D	21.087M	18.177M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	23.188M	19.045M	19M0D1D	22.464M	18.987M
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	38.116M	36.237M	36M2D1D	37.826M	35.658M
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	38.261M	36.122M	36M1D1D	38.116M	36.006M
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	38.841M	36.237M	36M2D1D	38.406M	35.89M
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	41.884M	37.279M	37M3D1D	41.304M	37.048M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	44.348M	37.974M	38M0D1D	43.333M	37.974M
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	78.841M	75.022M	75M0D1D	78.261M	75.022M
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	78.551M	74.559M	74M6D1D	78.551M	74.559M
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	79.13M	75.022M	75M0D1D	78.551M	74.79M
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	81.449M	75.022M	75M0D1D	80.87M	75.022M
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	85.507M	76.643M	76M6D1D	83.188M	76.411M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	88.406M	77.8M	77M8D1D	85.217M	77.569M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	18.841M	17.25M	17M2D1D	18.551M	17.135M
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	20M	17.308M	17M3D1D	19.493M	17.192M
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	21.522M	18.234M	18M2D1D	21.087M	18.003M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	23.043M	18.987M	19M0D1D	22.246M	18.987M
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	38.261M	36.237M	36M2D1D	37.826M	36.006M
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	38.261M	36.122M	36M1D1D	38.116M	35.89M
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	38.696M	36.122M	36M1D1D	38.406M	35.89M
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	41.884M	37.279M	37M3D1D	41.159M	37.164M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	44.058M	37.974M	38M0D1D	43.043M	37.858M
802.11ax	78.551M	75.253M	75M3D1D	78.551M	75.022M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
HEW80_RU26_Index18_Nss1,(MCS0)_2TX					
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	78.551M	75.022M	75M0D1D	78.261M	74.79M
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	79.71M	74.79M	74M8D1D	78.551M	74.559M
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	81.449M	75.022M	75M0D1D	81.159M	75.022M
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	84.928M	76.643M	76M6D1D	84.058M	76.179M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	86.957M	77.569M	77M6D1D	86.087M	77.337M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	18.841M	17.25M	17M2D1D	14.216M	13.473M
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	19.928M	17.308M	17M3D1D	14.284M	13.576M
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	21.449M	18.234M	18M2D1D	15.868M	14.539M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	24.348M	18.987M	19M0D1D	16.212M	14.47M
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	38.261M	36.237M	36M2D1D	34.058M	32.308M
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	38.406M	36.122M	36M1D1D	34.143M	32.393M
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	38.841M	36.353M	36M4D1D	34.313M	32.478M
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	42.029M	37.279M	37M3D1D	36.272M	33.499M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	44.203M	37.974M	38M0D1D	36.953M	33.754M
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	78.551M	75.485M	75M5D1D	73.891M	71.176M
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	78.841M	75.022M	75M0D1D	74.078M	70.99M
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	80M	75.022M	75M0D1D	74.078M	70.99M
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	82.029M	75.022M	75M0D1D	74.824M	71.176M
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	85.507M	76.874M	76M9D1D	78.556M	73.039M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	88.406M	77.8M	77M8D1D	77.623M	73.412M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	3.522M	11.288M	11M3D1D	3.522M	10.463M
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	3.174M	4.906M	4M9D1D	3.13M	4.428M
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	3.565M	4.515M	4M5D1D	3.522M	4.342M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	4.522M	4.559M	4M5D1D	4.522M	4.559M

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	3.522M	21.404M	21M4D1D	3.522M	21.317M
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	3.522M	13.198M	13M2D1D	3.522M	12.113M
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	3.522M	5.34M	5M34D1D	3.522M	5.166M
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	3.522M	7.728M	7M73D1D	3.522M	4.776M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	4.13M	4.385M	4M39D1D	4.043M	4.298M
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	3.522M	25.876M	25M9D1D	3.522M	25.832M
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	3.522M	22.272M	22M3D1D	3.13M	22.055M
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	3.522M	14.631M	14M6D1D	3.13M	14.457M
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	3.739M	13.936M	13M9D1D	3.522M	13.719M
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	3.739M	14.718M	14M7D1D	3.522M	14.37M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	4.043M	4.732M	4M73D1D	4.043M	4.645M

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)
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	18.768M	17.135M	18.551M	17.077M
5200MHz	Pass	Inf	18.623M	17.192M	18.551M	16.961M
5240MHz	Pass	Inf	18.768M	17.25M	18.478M	17.192M
5260MHz	Pass	Inf	18.768M	17.25M	18.623M	17.135M
5300MHz	Pass	Inf	18.623M	17.25M	18.623M	17.192M
5320MHz	Pass	Inf	18.841M	17.25M	18.551M	17.25M
5500MHz	Pass	Inf	18.768M	17.077M	18.623M	17.192M
5580MHz	Pass	Inf	18.841M	17.25M	18.696M	17.25M
5700MHz	Pass	Inf	18.841M	17.25M	18.551M	17.135M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.284M	13.542M	14.216M	13.473M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	11.288M	3.522M	10.463M
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.71M	17.308M	19.493M	17.192M
5200MHz	Pass	Inf	20.072M	17.25M	19.783M	17.192M
5240MHz	Pass	Inf	20.29M	17.25M	20M	17.192M
5260MHz	Pass	Inf	20M	17.192M	19.493M	17.192M
5300MHz	Pass	Inf	19.71M	17.308M	19.493M	17.25M
5320MHz	Pass	Inf	19.638M	17.25M	19.565M	17.192M
5500MHz	Pass	Inf	19.058M	17.308M	19.348M	17.192M
5580MHz	Pass	Inf	19.493M	17.25M	19.493M	17.019M
5700MHz	Pass	Inf	19.928M	17.25M	19.565M	17.135M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.491M	13.611M	14.284M	13.576M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.13M	4.906M	3.174M	4.428M
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.377M	18.177M	21.087M	18.234M
5200MHz	Pass	Inf	21.159M	18.177M	21.232M	18.234M
5240MHz	Pass	Inf	21.304M	18.234M	21.087M	18.234M
5260MHz	Pass	Inf	21.522M	18.234M	21.159M	18.234M
5300MHz	Pass	Inf	21.232M	18.234M	21.232M	18.003M
5320MHz	Pass	Inf	21.159M	18.234M	21.087M	18.177M
5500MHz	Pass	Inf	21.377M	18.234M	21.087M	18.234M
5580MHz	Pass	Inf	21.304M	18.234M	20.797M	18.234M
5700MHz	Pass	Inf	21.449M	18.234M	21.014M	18.234M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.902M	14.539M	15.868M	14.539M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.565M	4.342M	3.522M	4.515M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.188M	18.987M	22.971M	18.987M
5200MHz	Pass	Inf	22.464M	18.987M	22.899M	18.987M
5240MHz	Pass	Inf	23.188M	19.045M	23.116M	18.987M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5260MHz	Pass	Inf	22.971M	18.987M	22.609M	18.987M
5300MHz	Pass	Inf	22.899M	18.987M	23.043M	18.987M
5320MHz	Pass	Inf	23.043M	18.987M	22.246M	18.987M
5500MHz	Pass	Inf	23.623M	18.987M	22.971M	18.987M
5580MHz	Pass	Inf	22.609M	18.987M	24.348M	18.987M
5700MHz	Pass	Inf	22.826M	18.987M	22.754M	18.987M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.212M	14.47M	16.35M	14.47M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.522M	4.559M	4.522M	4.559M
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	37.826M	35.89M	38.116M	35.89M
5230MHz	Pass	Inf	37.971M	36.237M	38.116M	35.658M
5270MHz	Pass	Inf	37.826M	36.237M	37.971M	36.006M
5310MHz	Pass	Inf	38.116M	36.122M	38.261M	36.006M
5510MHz	Pass	Inf	38.116M	36.237M	38.261M	36.237M
5590MHz	Pass	Inf	38.116M	36.237M	38.261M	36.006M
5670MHz	Pass	Inf	38.116M	36.122M	37.826M	36.122M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.058M	32.308M	34.058M	32.478M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	21.317M	3.522M	21.404M
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.261M	36.122M	38.261M	36.122M
5230MHz	Pass	Inf	38.116M	36.006M	38.116M	36.006M
5270MHz	Pass	Inf	38.261M	36.006M	38.116M	35.89M
5310MHz	Pass	Inf	38.261M	36.006M	38.261M	36.122M
5510MHz	Pass	Inf	38.261M	35.89M	38.406M	36.006M
5590MHz	Pass	Inf	38.261M	35.89M	38.406M	36.006M
5670MHz	Pass	Inf	38.116M	35.774M	38.406M	36.122M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.143M	32.563M	34.143M	32.393M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	12.113M	3.522M	13.198M
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	38.841M	36.237M	38.551M	35.89M
5230MHz	Pass	Inf	38.406M	35.89M	38.696M	36.006M
5270MHz	Pass	Inf	38.551M	36.122M	38.406M	35.89M
5310MHz	Pass	Inf	38.551M	35.89M	38.696M	35.89M
5510MHz	Pass	Inf	38.696M	36.006M	38.841M	35.89M
5590MHz	Pass	Inf	38.841M	36.353M	38.551M	35.89M
5670MHz	Pass	Inf	38.841M	36.122M	38.696M	35.89M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.484M	32.478M	34.313M	32.563M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	5.34M	3.522M	5.166M
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	41.304M	37.048M	41.884M	37.164M
5230MHz	Pass	Inf	41.449M	37.164M	41.739M	37.279M
5270MHz	Pass	Inf	41.159M	37.279M	41.739M	37.164M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5310MHz	Pass	Inf	41.304M	37.164M	41.884M	37.164M
5510MHz	Pass	Inf	40.725M	37.164M	42.029M	37.279M
5590MHz	Pass	Inf	41.159M	37.164M	41.739M	37.164M
5670MHz	Pass	Inf	41.159M	37.164M	41.739M	37.048M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.272M	33.499M	36.442M	33.669M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	4.776M	3.522M	7.728M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.768M	37.974M	43.768M	37.974M
5230MHz	Pass	Inf	44.348M	37.974M	43.333M	37.974M
5270MHz	Pass	Inf	44.058M	37.974M	43.188M	37.858M
5310MHz	Pass	Inf	43.768M	37.974M	43.043M	37.974M
5510MHz	Pass	Inf	43.478M	37.974M	43.913M	37.974M
5590MHz	Pass	Inf	43.623M	37.974M	43.188M	37.974M
5670MHz	Pass	Inf	44.203M	37.974M	43.913M	37.974M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.953M	33.839M	36.953M	33.754M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.043M	4.298M	4.13M	4.385M
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	78.841M	75.022M	78.261M	75.022M
5290MHz	Pass	Inf	78.551M	75.022M	78.551M	75.253M
5530MHz	Pass	Inf	78.551M	75.253M	78.261M	74.79M
5610MHz	Pass	Inf	78.551M	75.485M	78.551M	75.022M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	73.891M	71.176M	73.891M	71.176M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	25.876M	3.522M	25.832M
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	78.551M	74.559M	78.551M	74.559M
5290MHz	Pass	Inf	78.261M	75.022M	78.551M	74.79M
5530MHz	Pass	Inf	78.551M	74.559M	78.551M	74.79M
5610MHz	Pass	Inf	78.841M	74.559M	77.971M	75.022M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.264M	70.99M	74.078M	71.176M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	22.272M	3.13M	22.055M
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	79.13M	75.022M	78.551M	74.79M
5290MHz	Pass	Inf	79.71M	74.559M	78.551M	74.79M
5530MHz	Pass	Inf	80M	74.79M	78.841M	74.79M
5610MHz	Pass	Inf	79.42M	75.022M	78.841M	75.022M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.011M	71.362M	74.078M	70.99M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.522M	14.457M	3.13M	14.631M
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.449M	75.022M	80.87M	75.022M
5290MHz	Pass	Inf	81.449M	75.022M	81.159M	75.022M
5530MHz	Pass	Inf	81.739M	75.022M	81.159M	75.022M
5610MHz	Pass	Inf	82.029M	75.022M	81.449M	74.79M

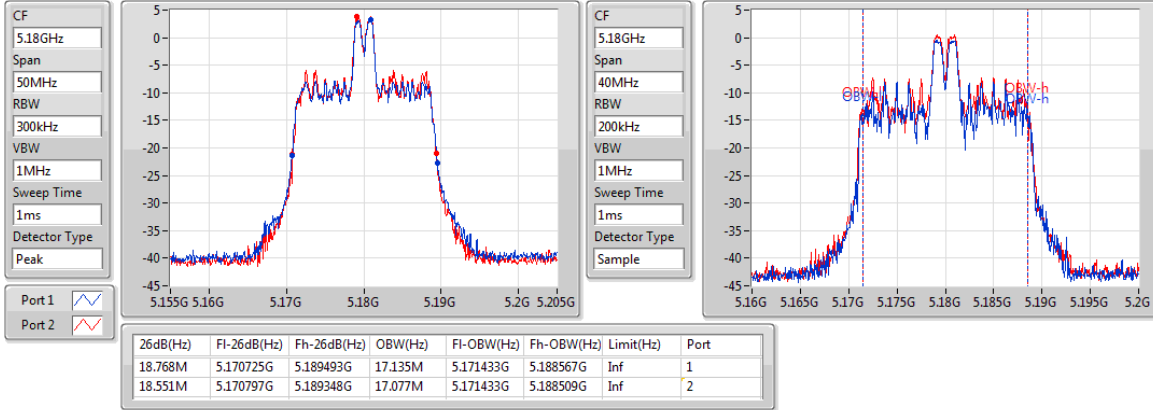
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.824M	71.176M	75.197M	71.735M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.739M	13.719M	3.522M	13.936M
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.507M	76.643M	83.188M	76.411M
5290MHz	Pass	Inf	84.058M	76.643M	84.928M	76.179M
5530MHz	Pass	Inf	85.217M	76.643M	84.058M	76.643M
5610MHz	Pass	Inf	85.507M	76.874M	85.217M	76.643M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.116M	73.225M	78.556M	73.039M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.739M	14.718M	3.522M	14.37M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	85.217M	77.8M	88.406M	77.569M
5290MHz	Pass	Inf	86.087M	77.337M	86.957M	77.569M
5530MHz	Pass	Inf	85.507M	77.8M	86.957M	77.8M
5610MHz	Pass	Inf	86.667M	77.569M	88.406M	77.569M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.623M	73.412M	78.929M	73.412M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.043M	4.732M	4.043M	4.645M

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;

802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

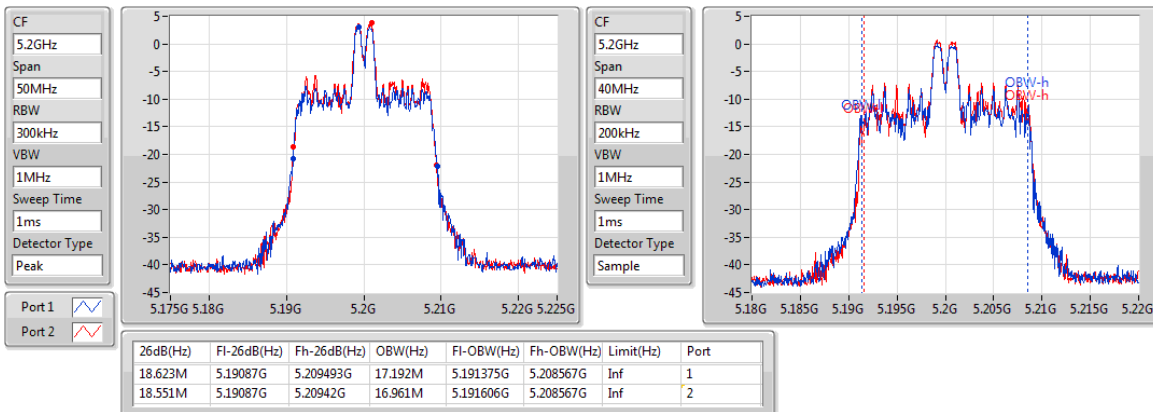
5180MHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

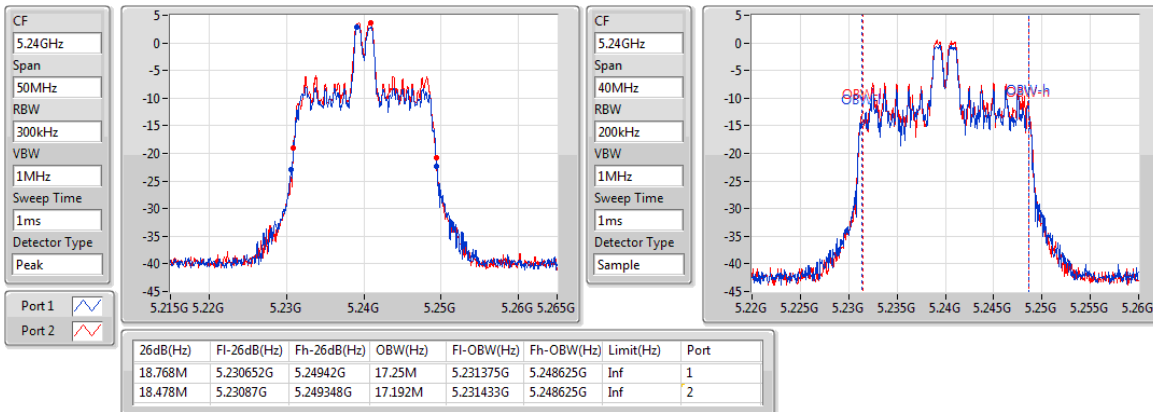
5200MHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

5240MHz

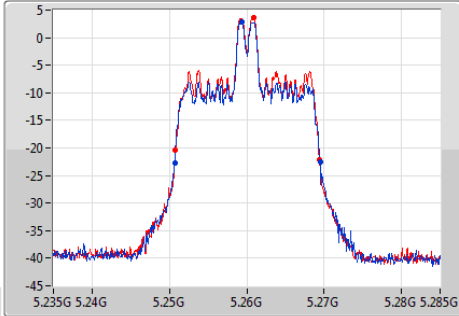


802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

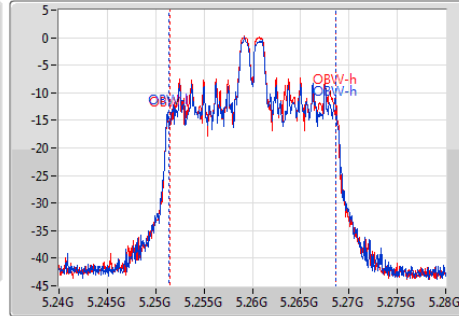
EBW

5260MHz

CF
5.26GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.26GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample



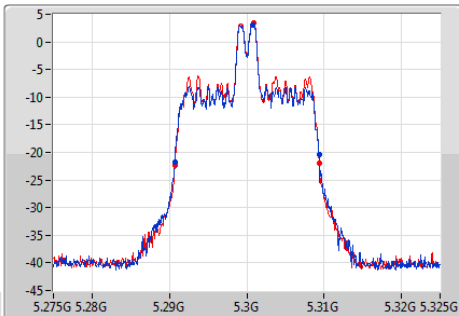
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.768M	5.250725G	5.269493G	17.25M	5.251375G	5.268625G	Inf	1
18.623M	5.250797G	5.26942G	17.135M	5.251491G	5.268625G	Inf	2

802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

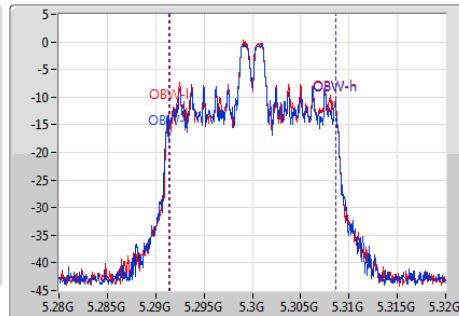
EBW

5300MHz

CF
5.3GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.3GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample



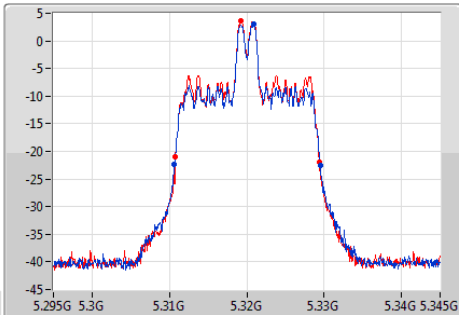
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.623M	5.290725G	5.309348G	17.25M	5.291375G	5.308625G	Inf	1
18.623M	5.290725G	5.309348G	17.192M	5.291433G	5.308625G	Inf	2

802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

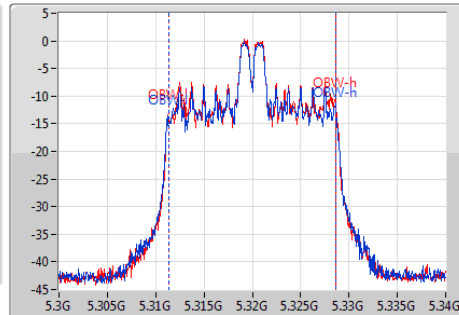
EBW

5320MHz

CF
5.32GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Peak



CF
5.32GHz
Span
40MHz
RBW
200kHz
VBW
1MHz
Sweep Time
1ms
Detector Type
Sample

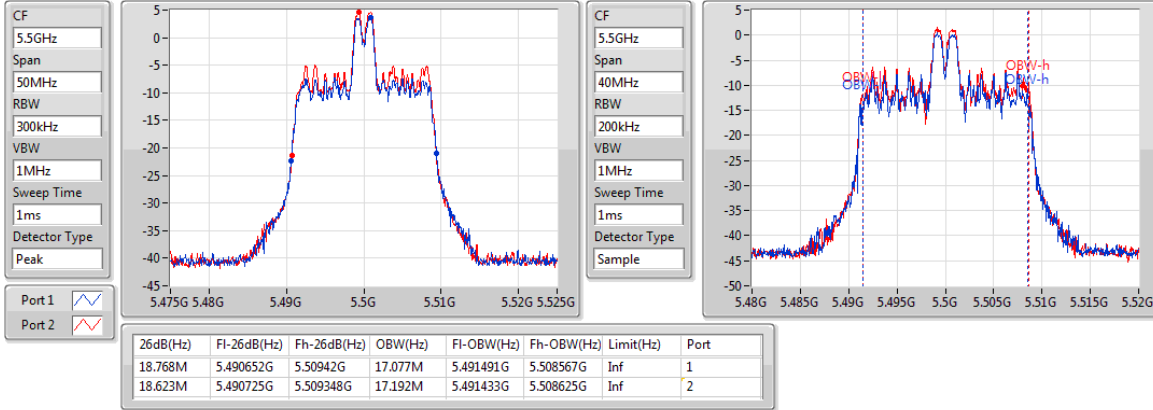


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.841M	5.310652G	5.329493G	17.25M	5.311375G	5.328625G	Inf	1
18.551M	5.310797G	5.329348G	17.25M	5.311375G	5.328625G	Inf	2

802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

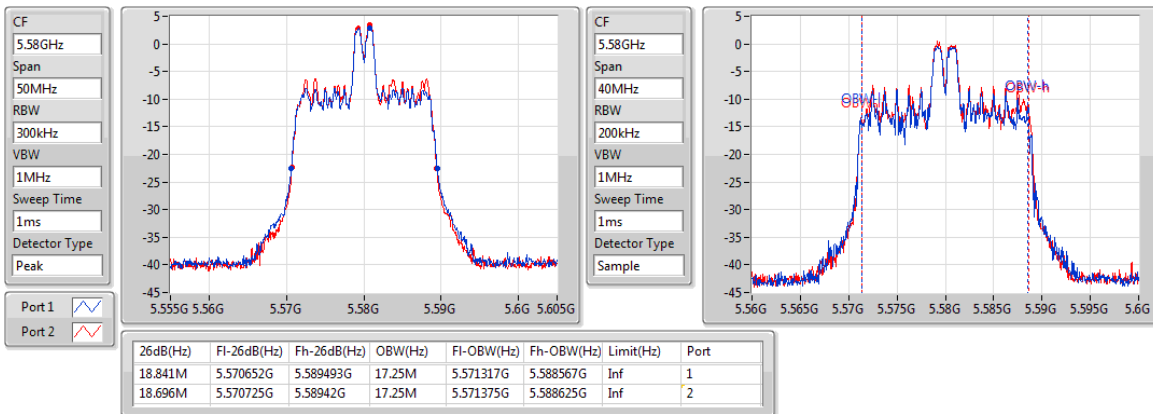
5500MHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

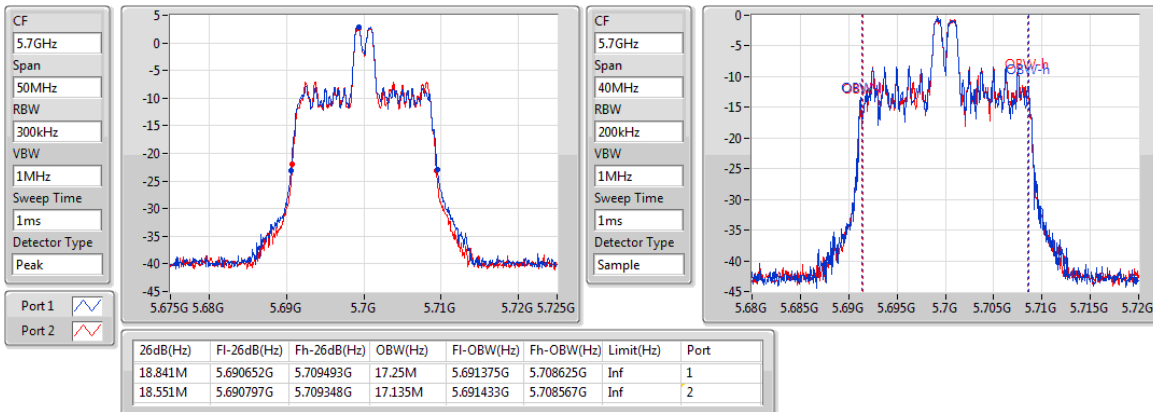
5580MHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

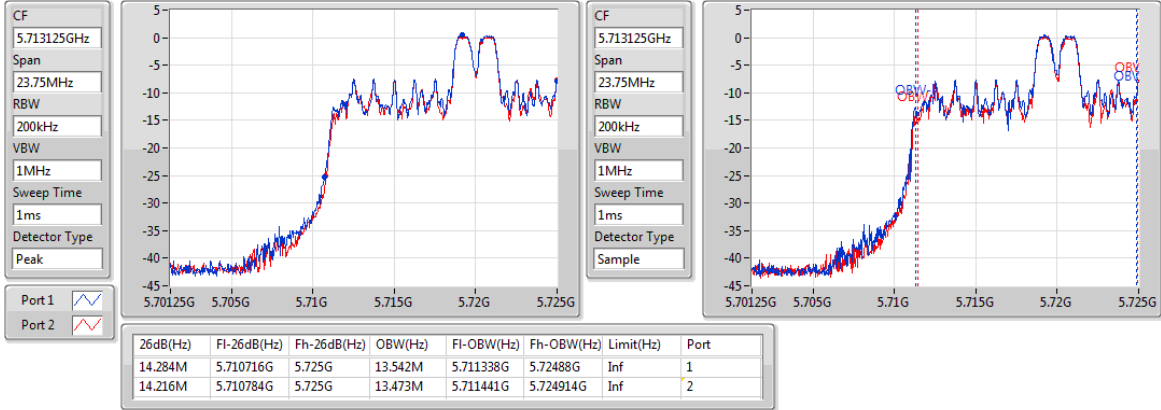
5700MHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

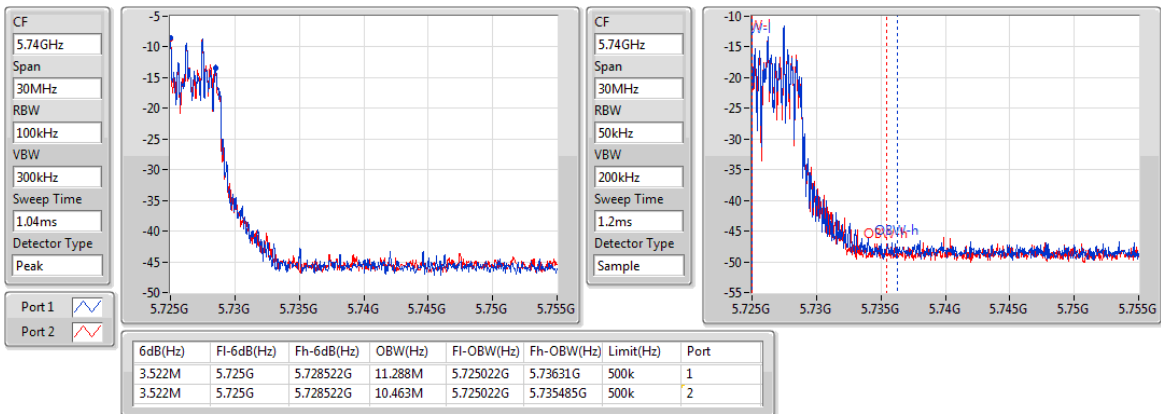
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX

EBW

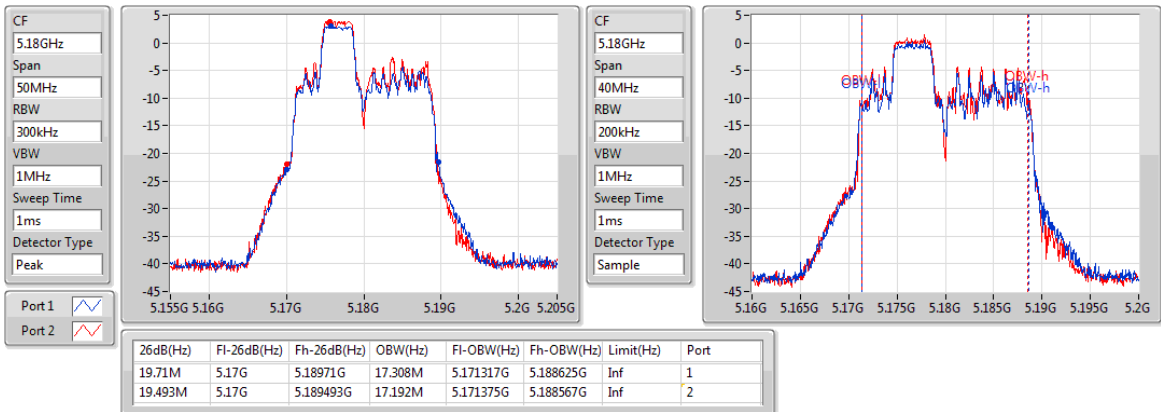
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

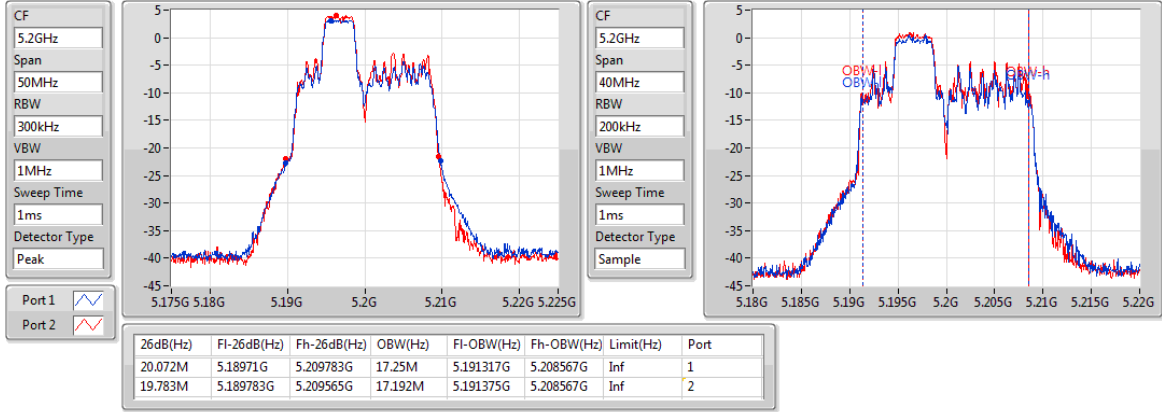
5180MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

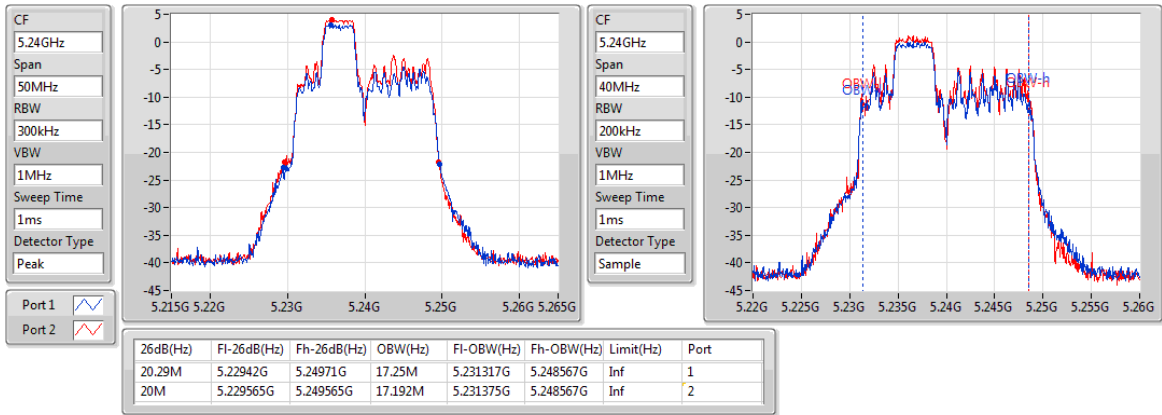
5200MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

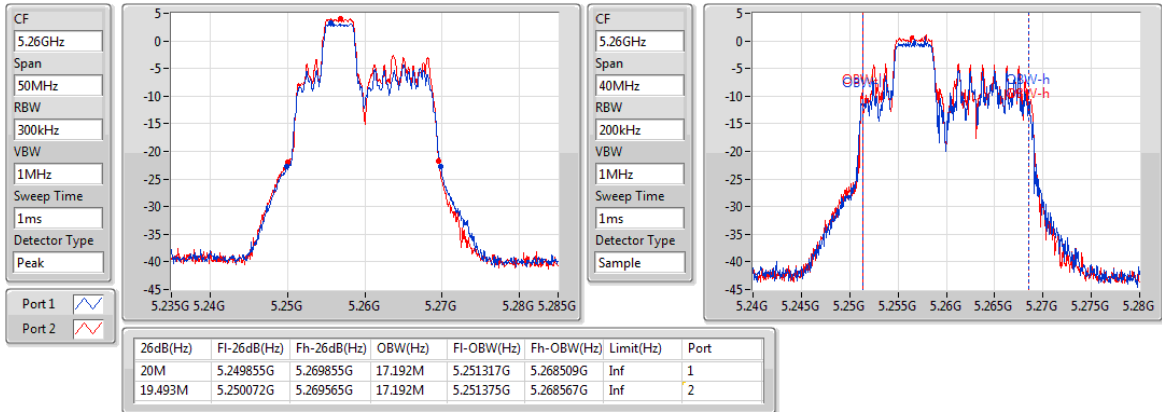
5240MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

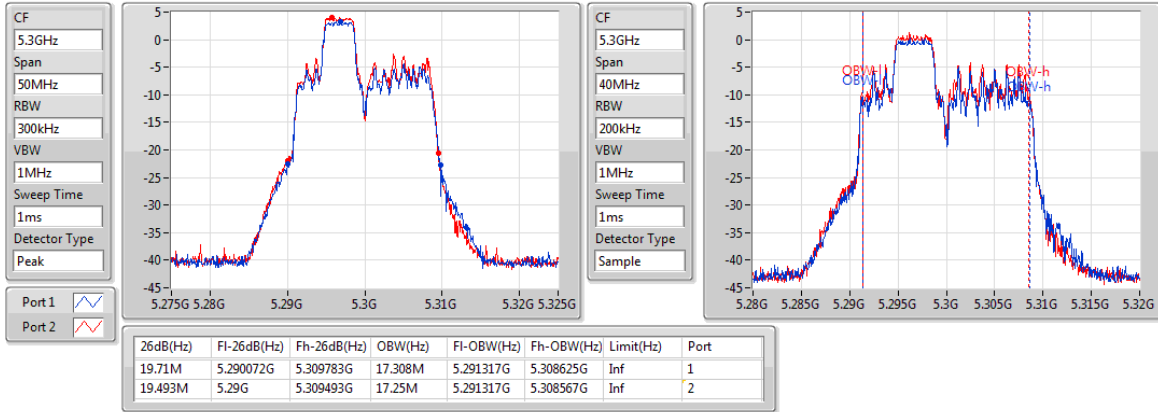
5260MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

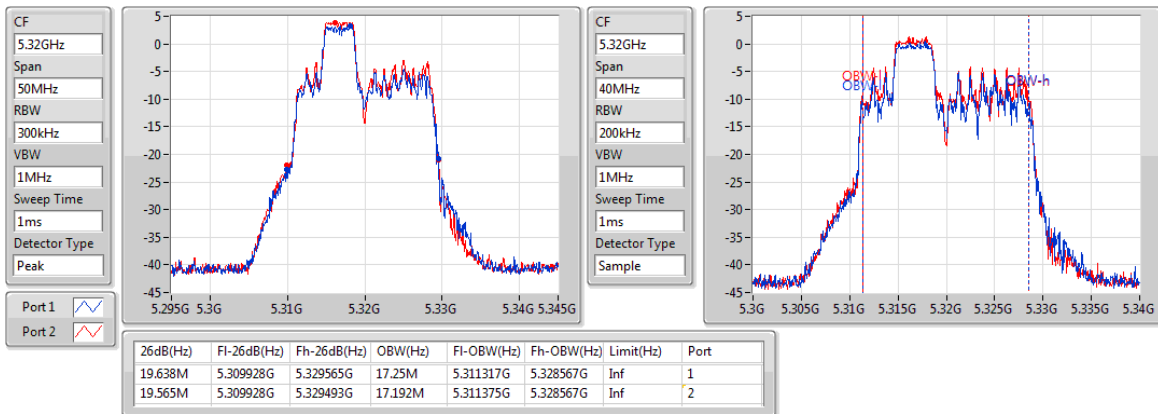
5300MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

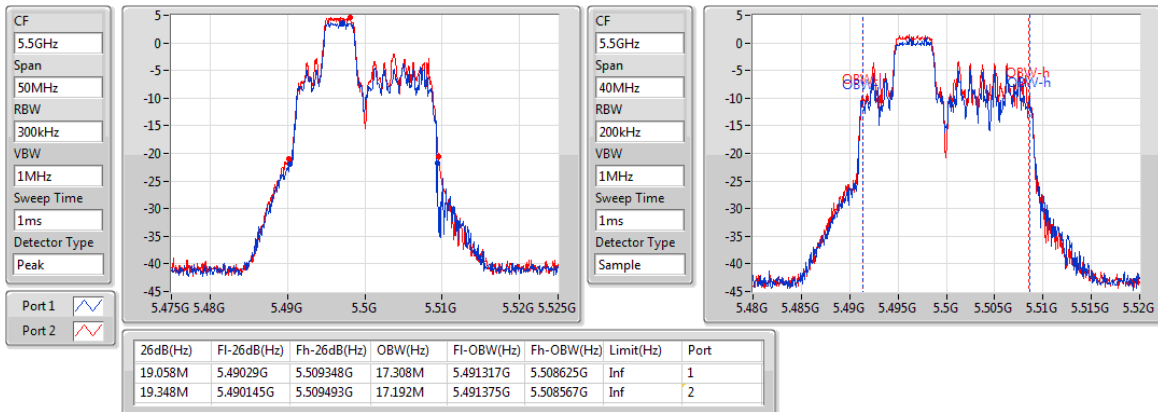
5320MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

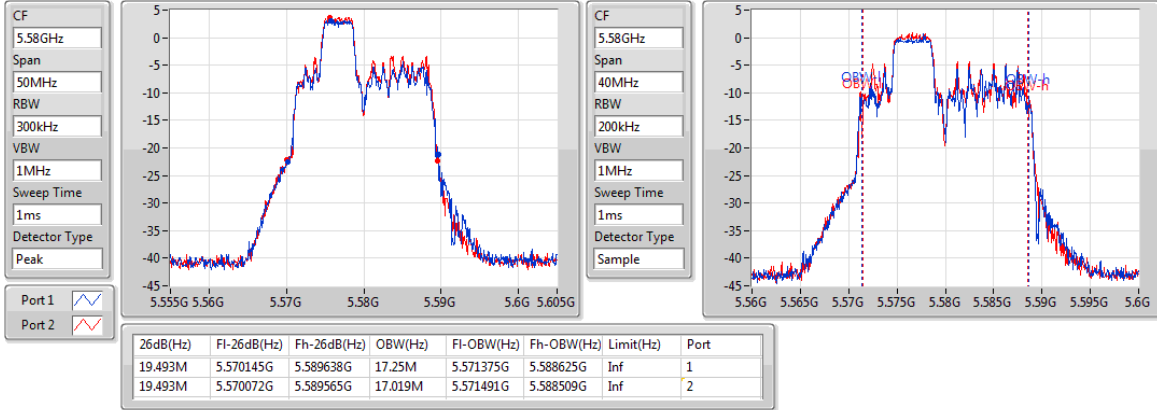
5500MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

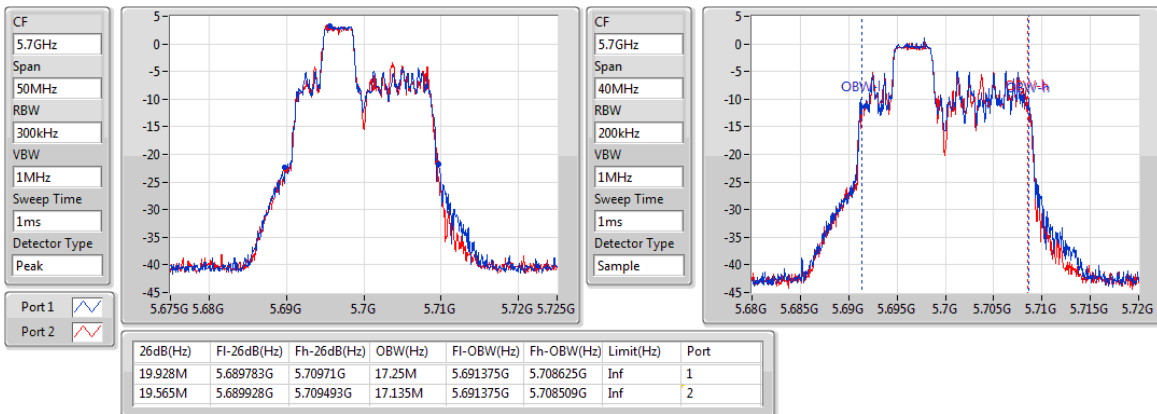
5580MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

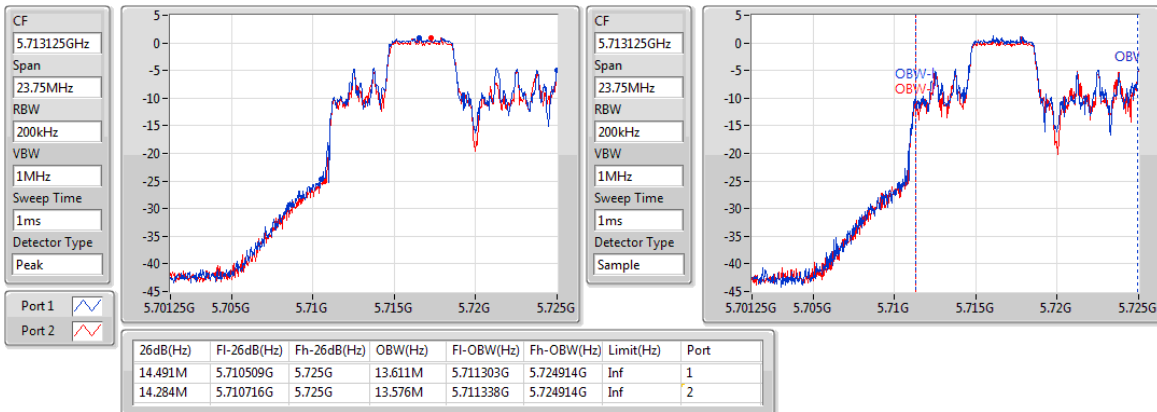
5700MHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

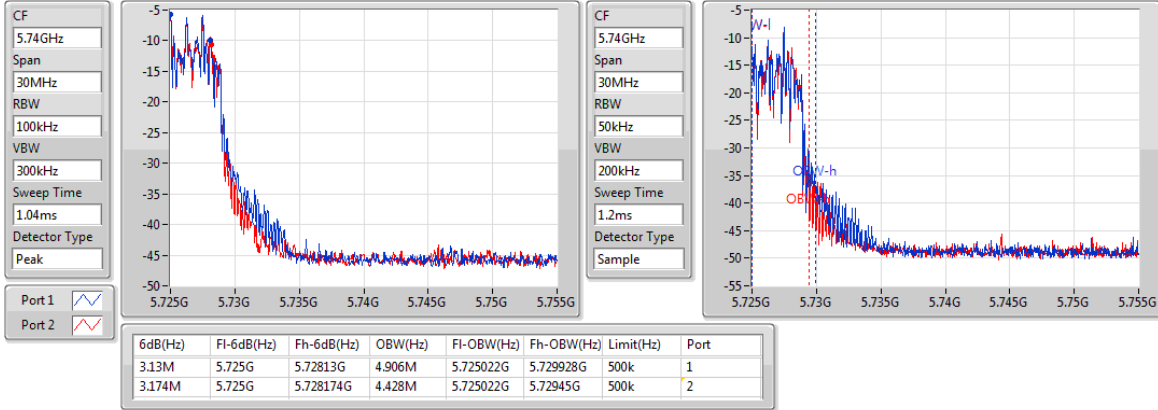
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX

EBW

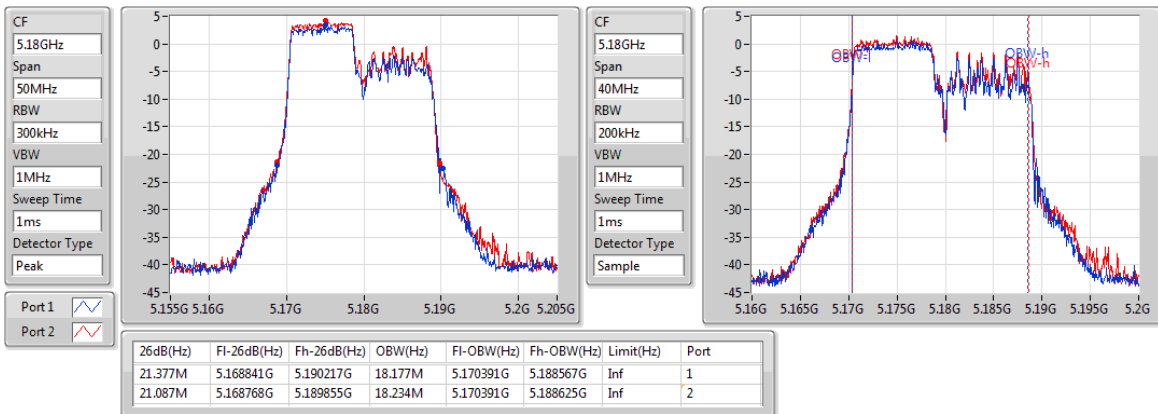
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

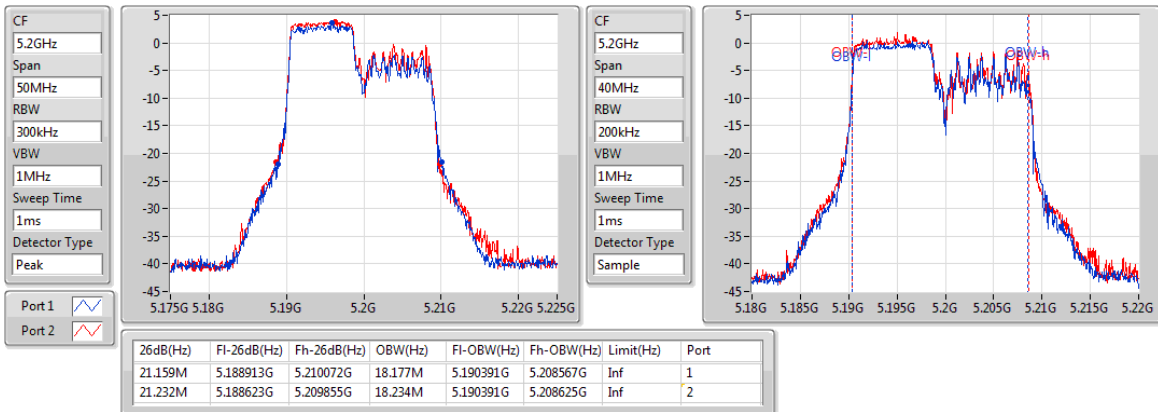
5180MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

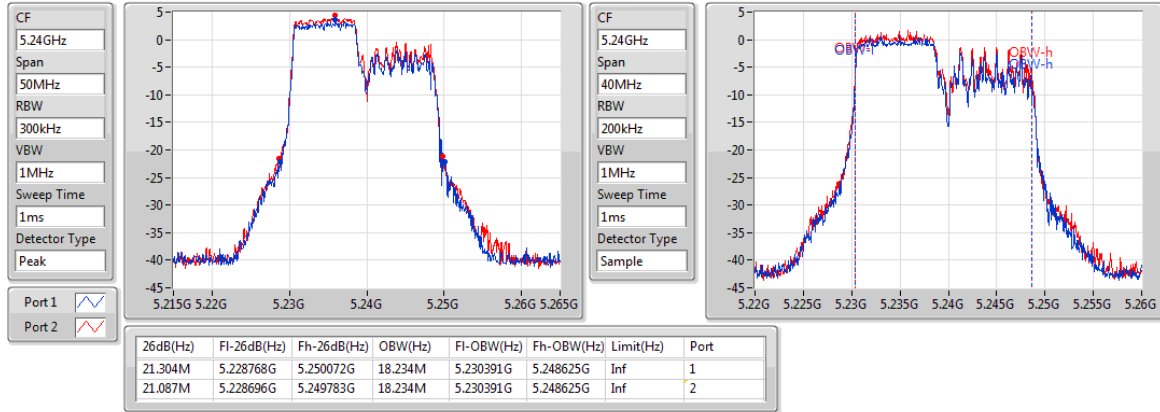
5200MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

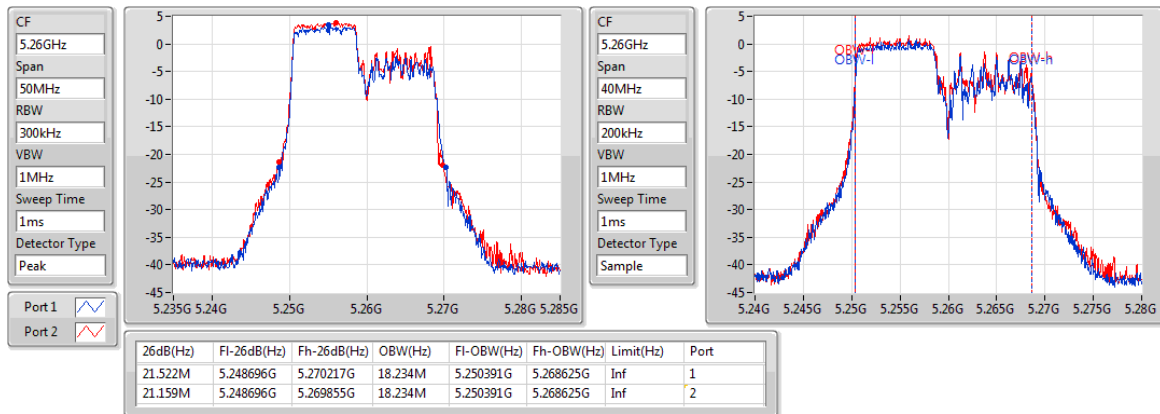
5240MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

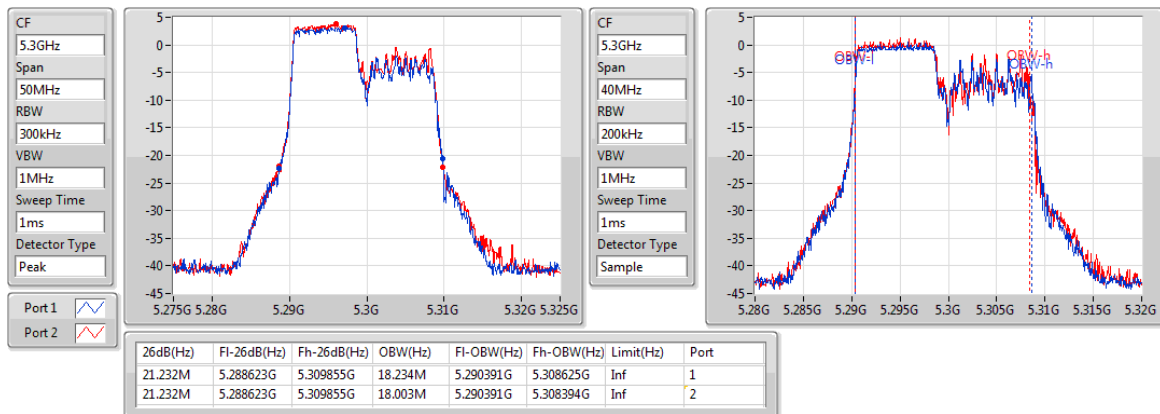
5260MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

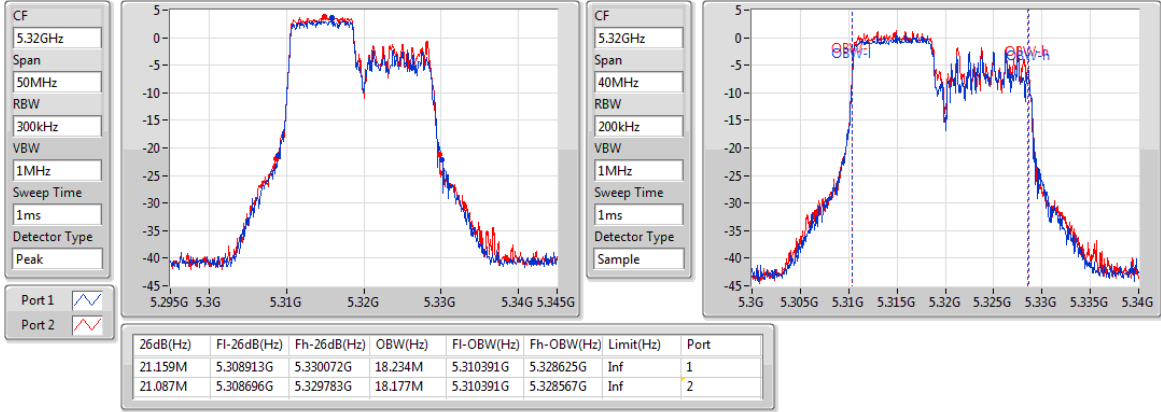
5300MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

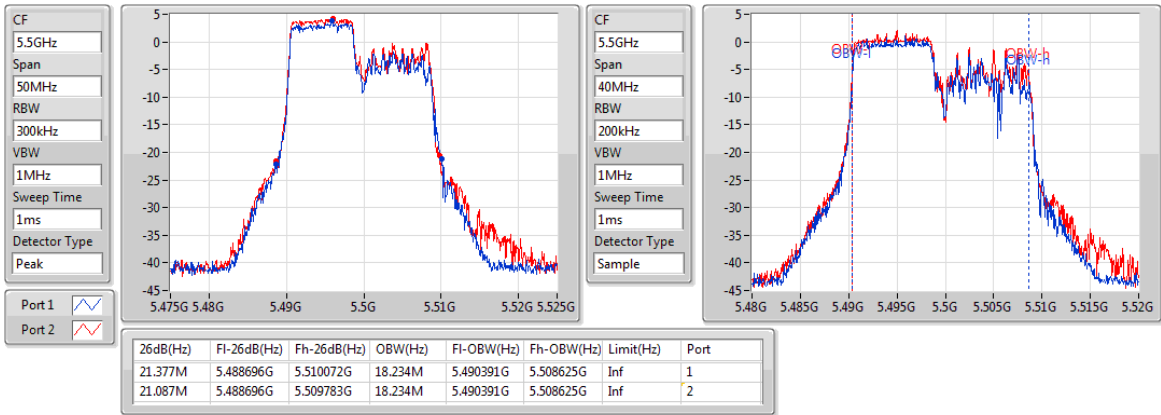
5320MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

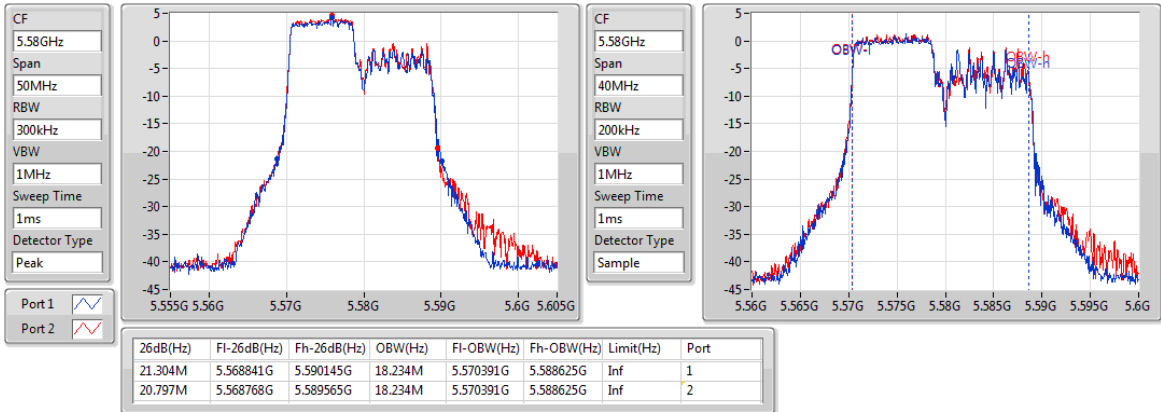
5500MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

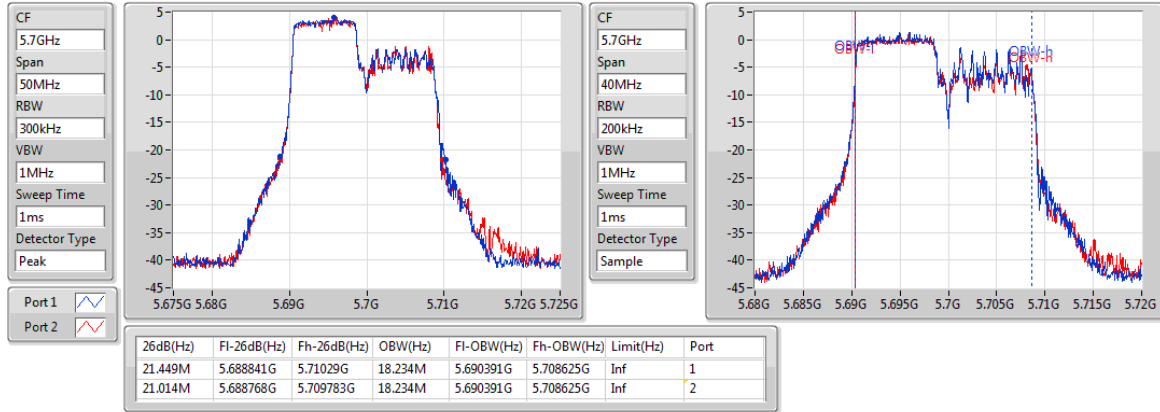
5580MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

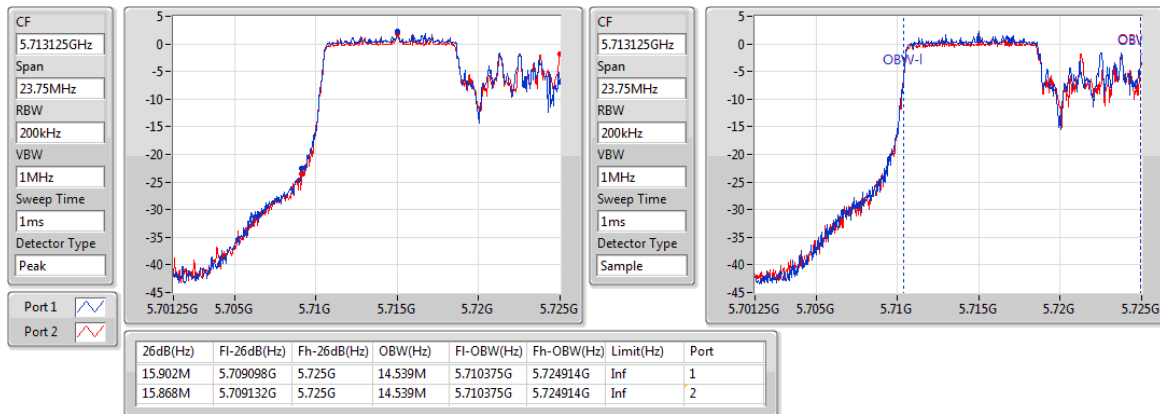
5700MHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

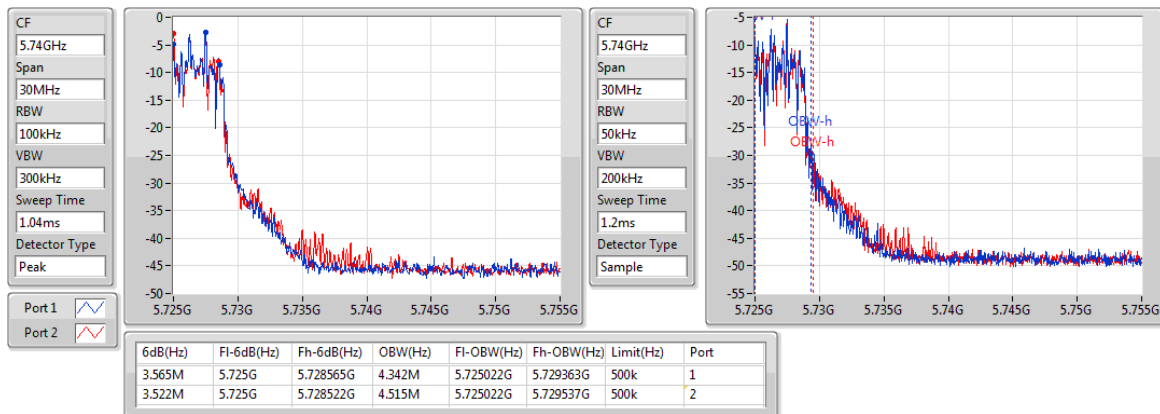
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX

EBW

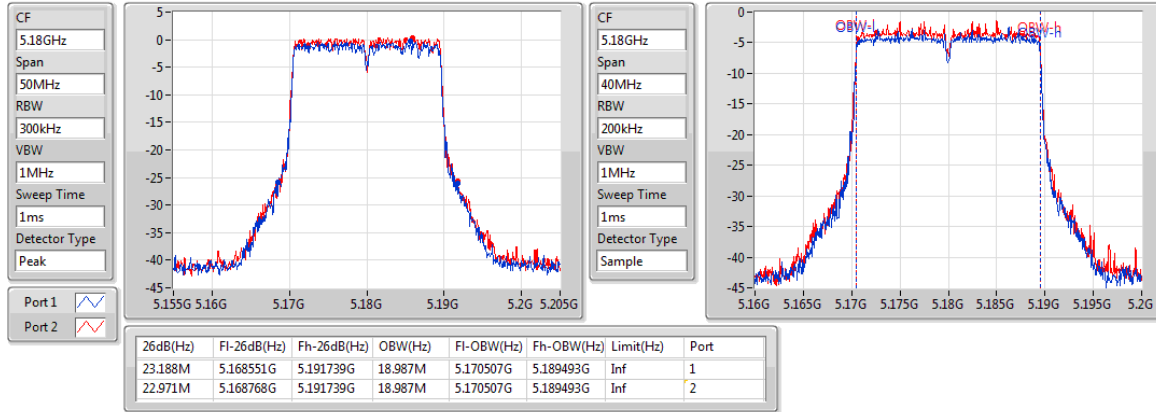
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

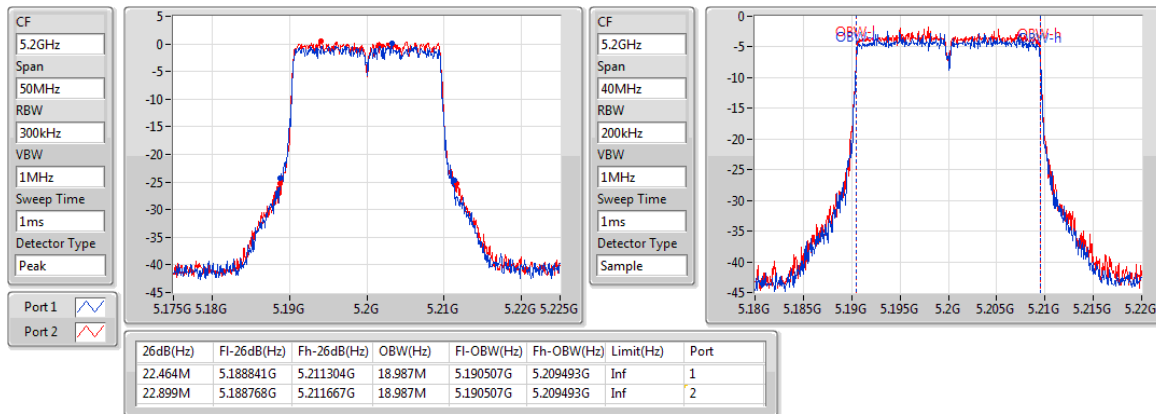
5180MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

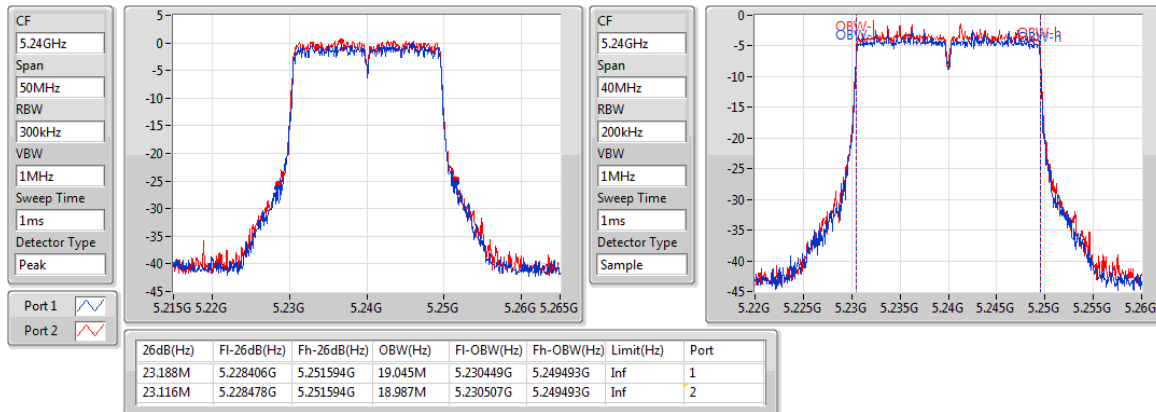
5200MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

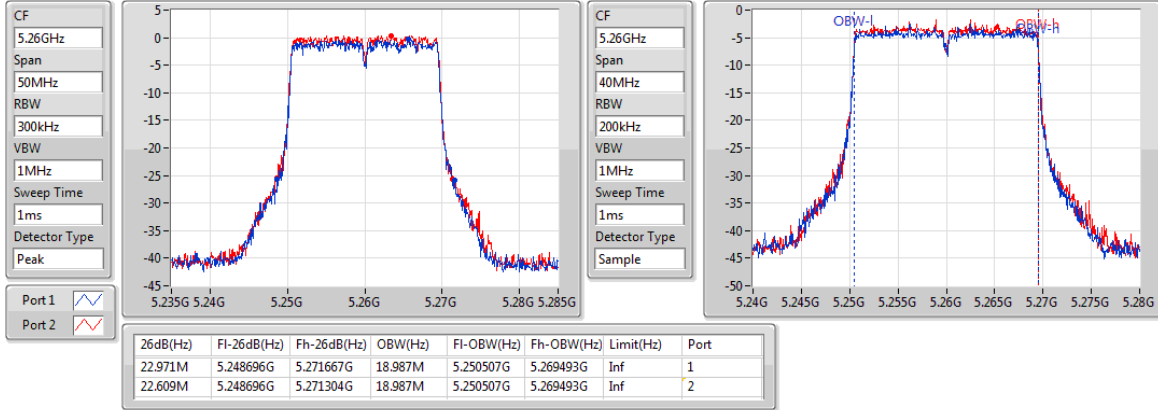
5240MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

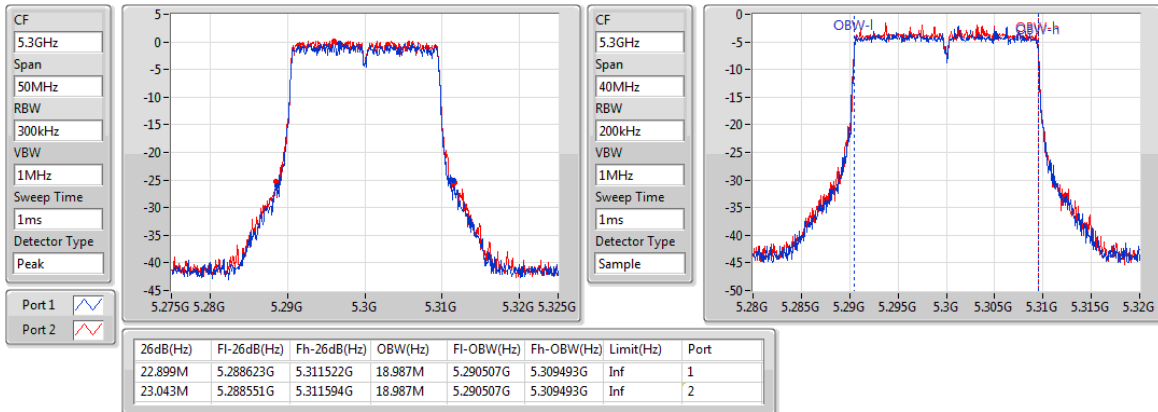
5260MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

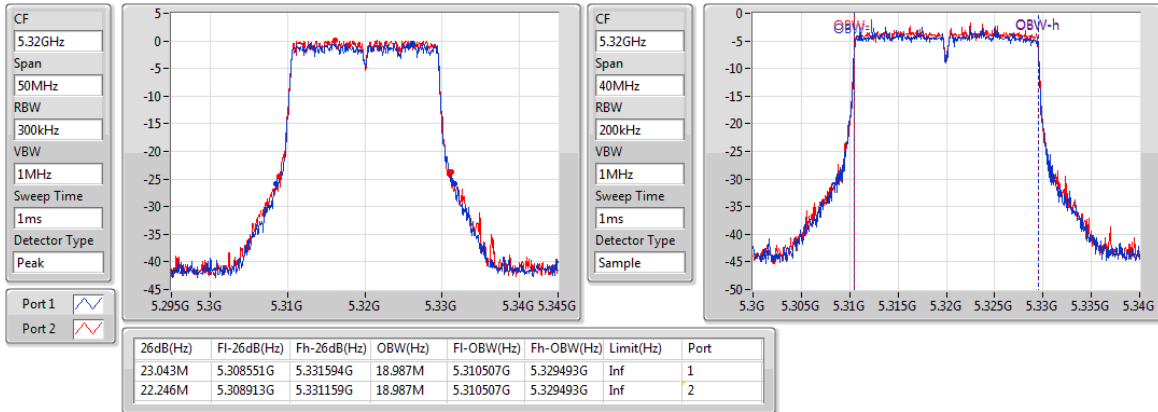
5300MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

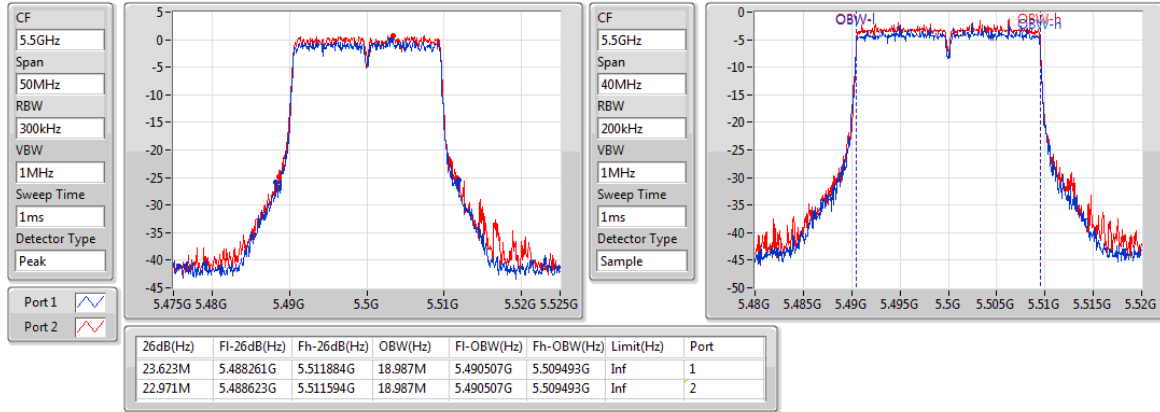
5320MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

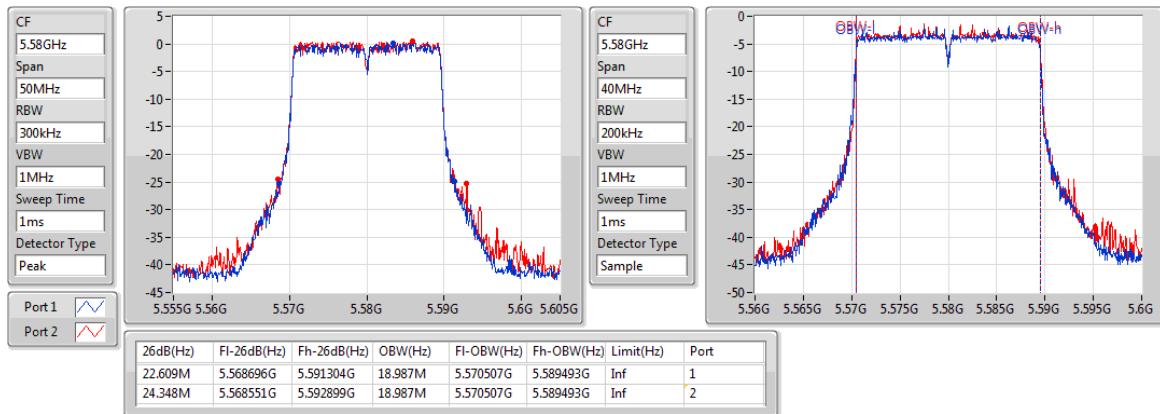
5500MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

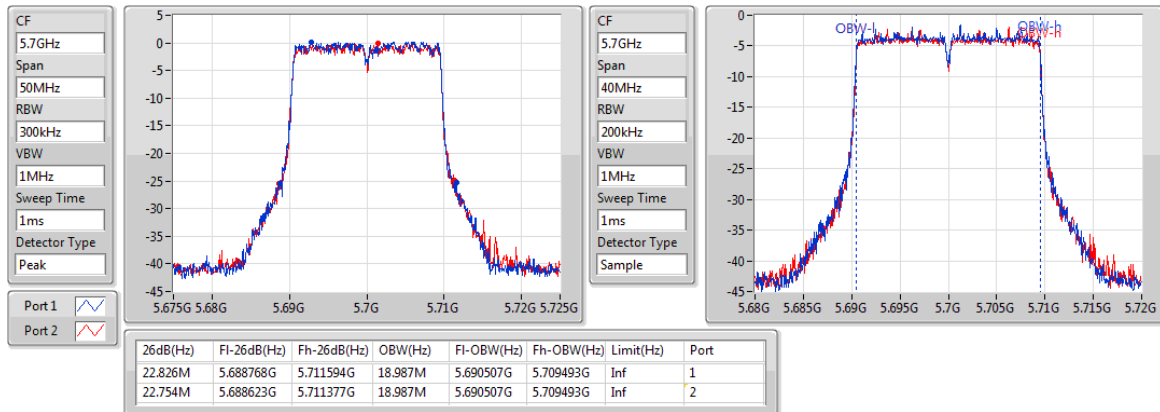
5580MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

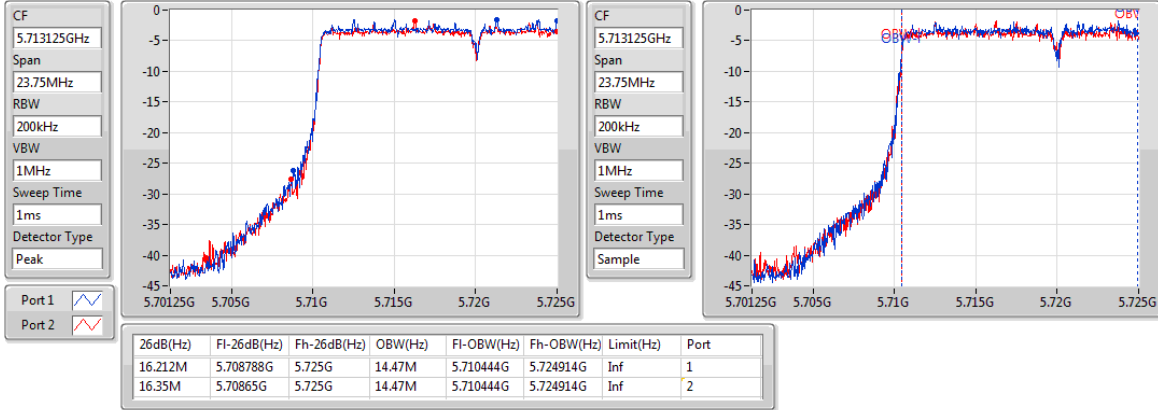
5700MHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

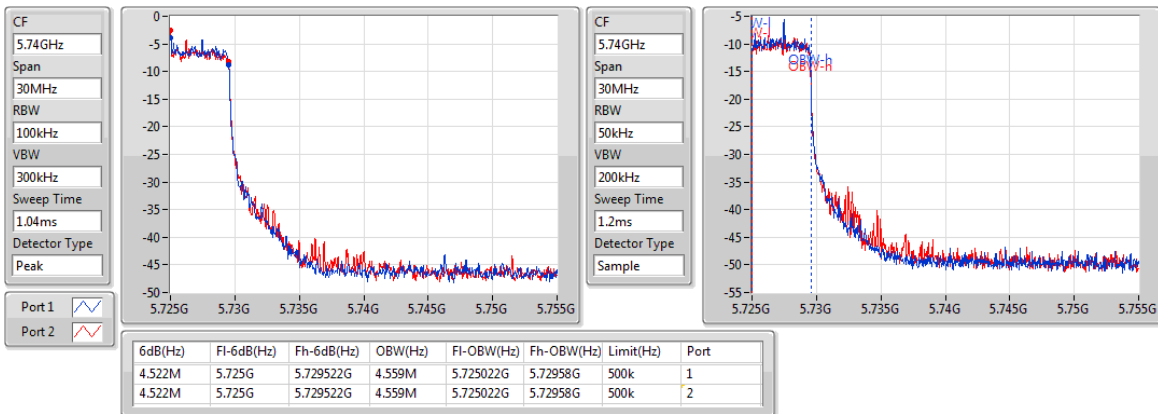
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX

EBW

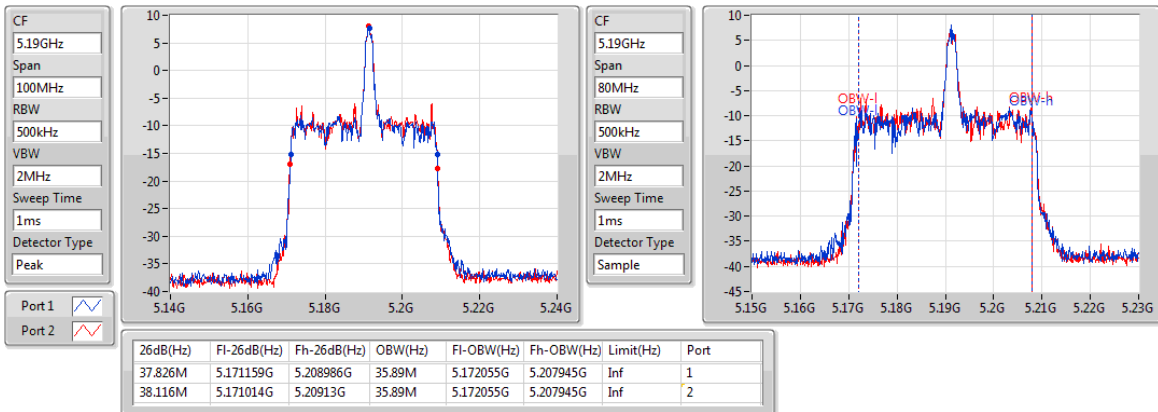
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

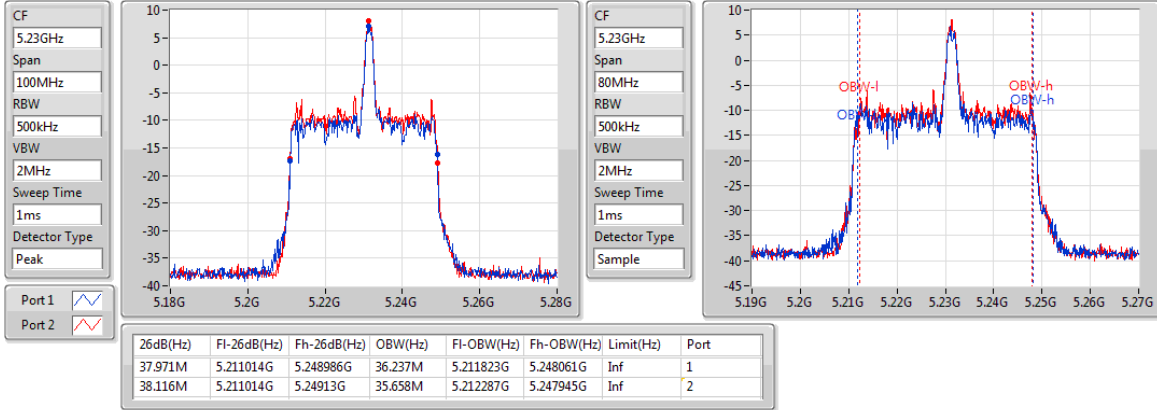
5190MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

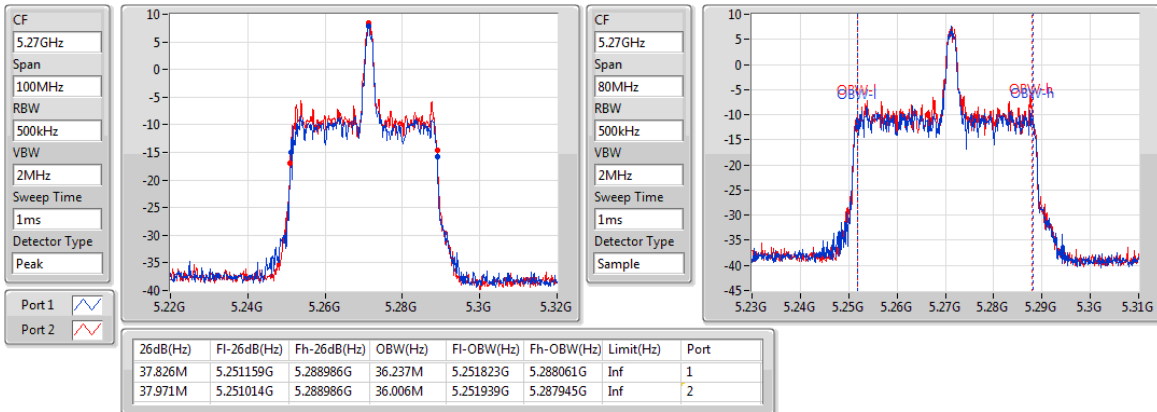
5230MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

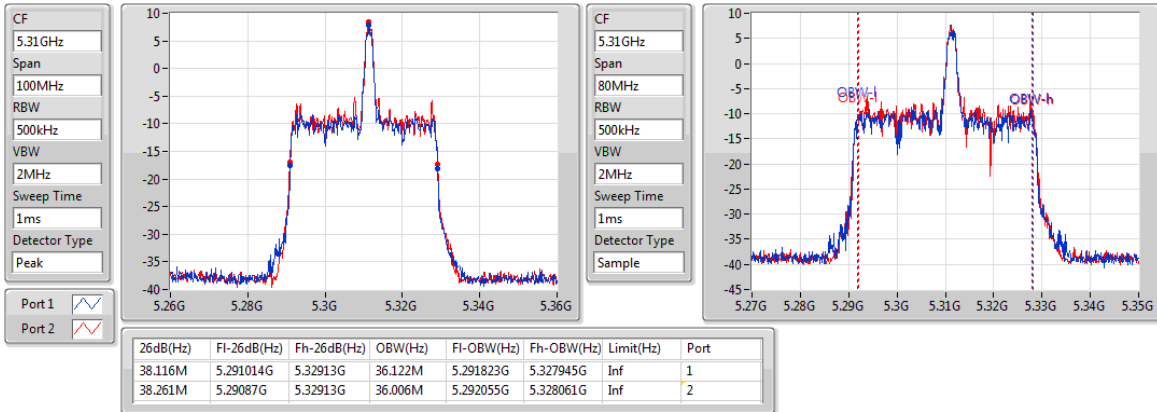
5270MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

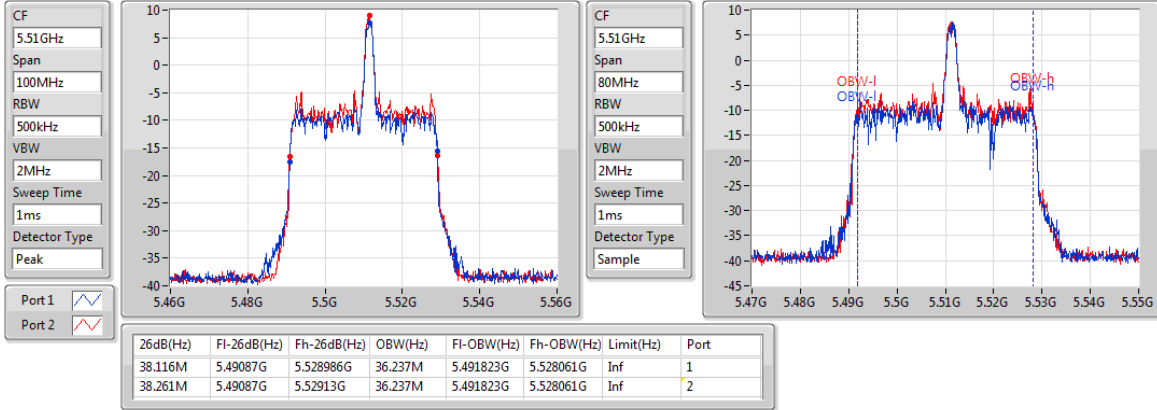
5310MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

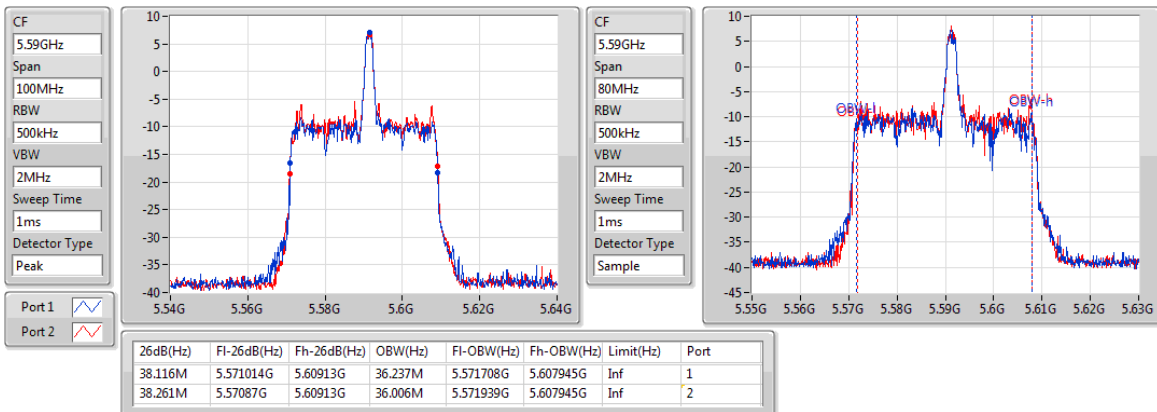
5510MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

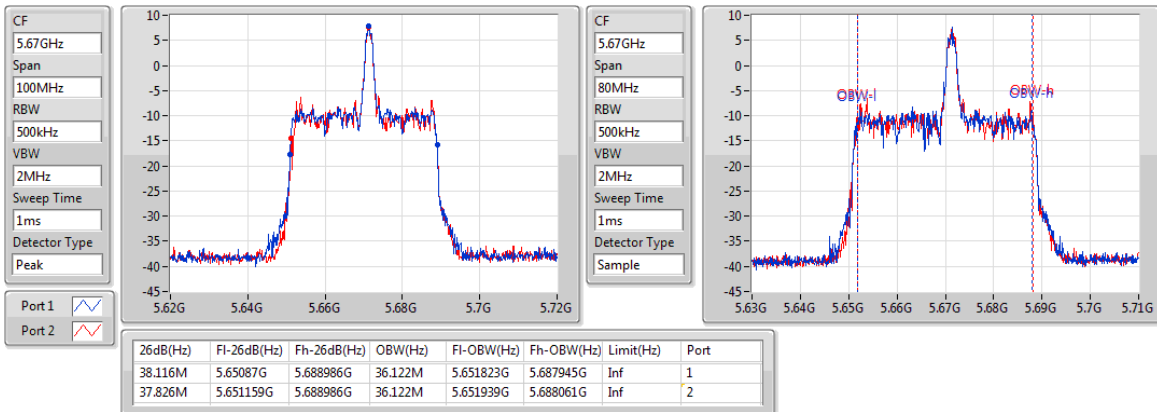
5590MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

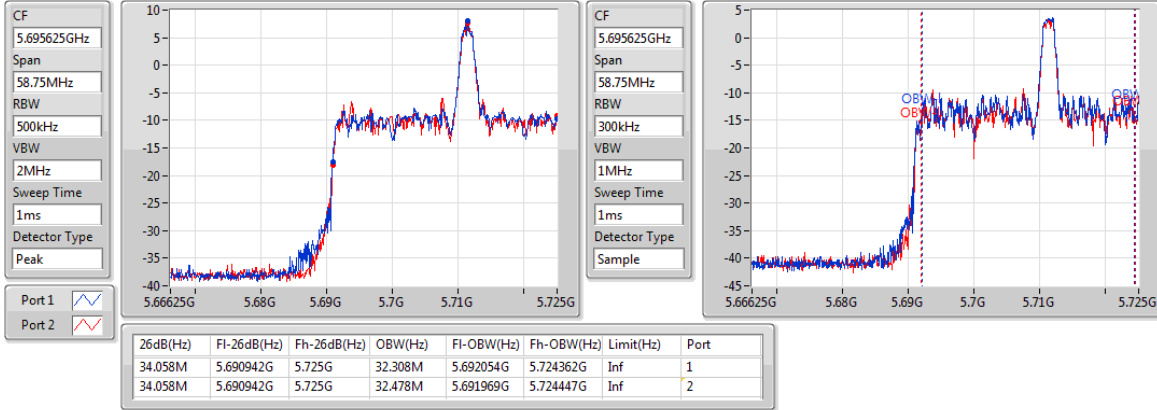
5670MHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

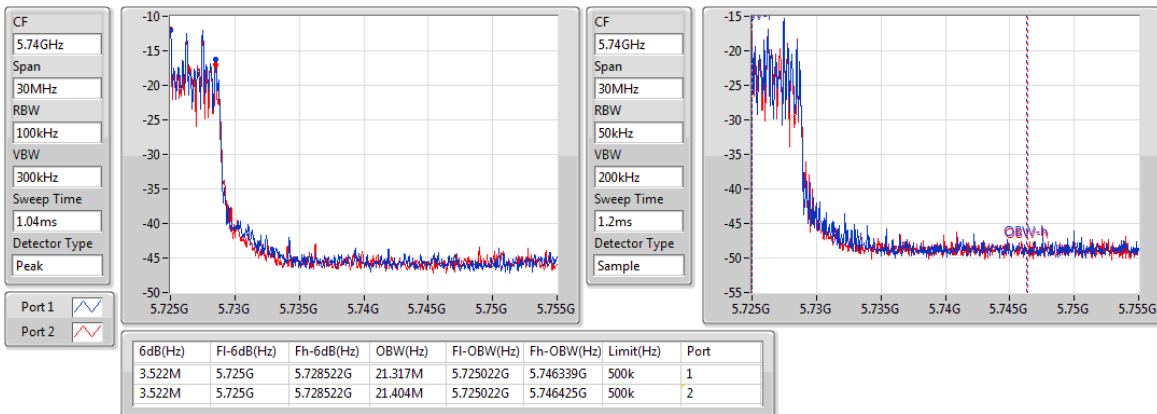
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX

EBW

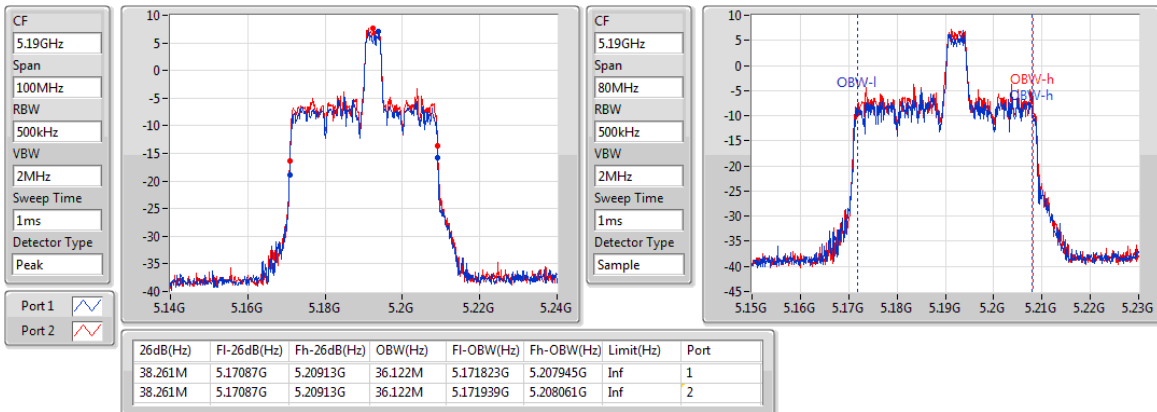
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

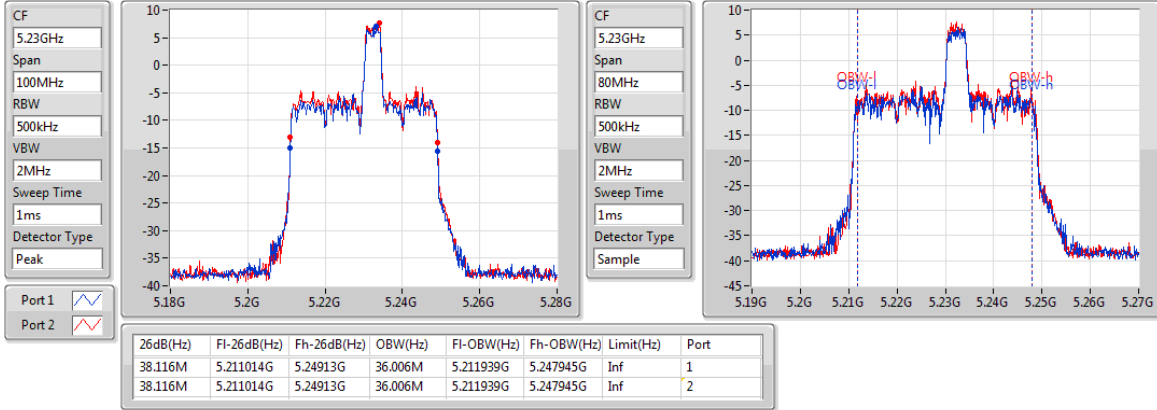
5190MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

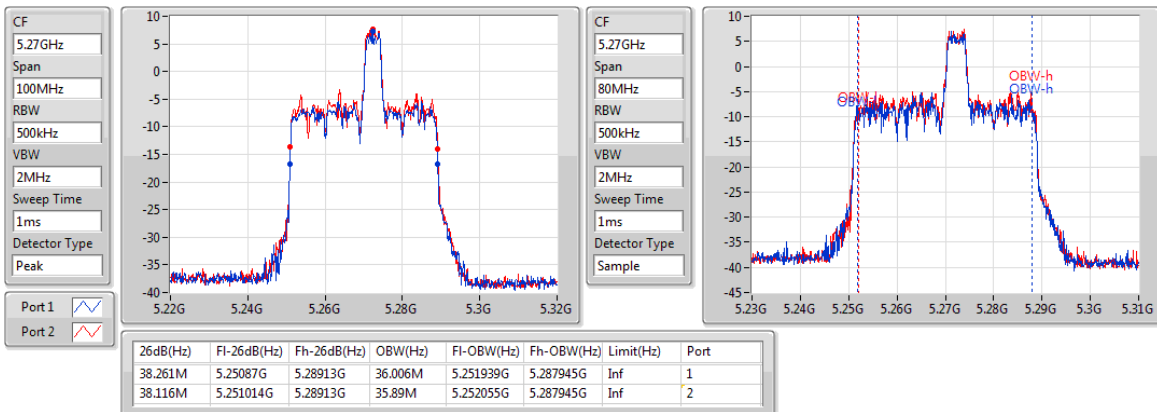
5230MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

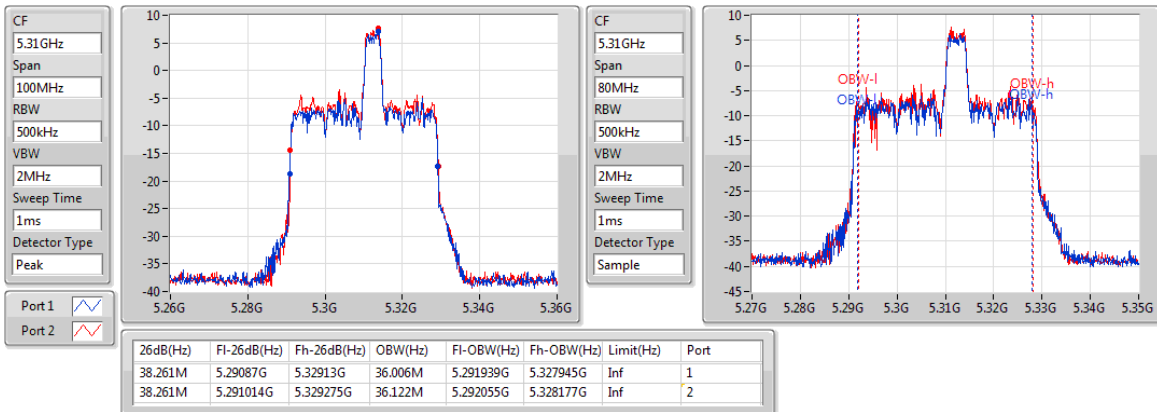
5270MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

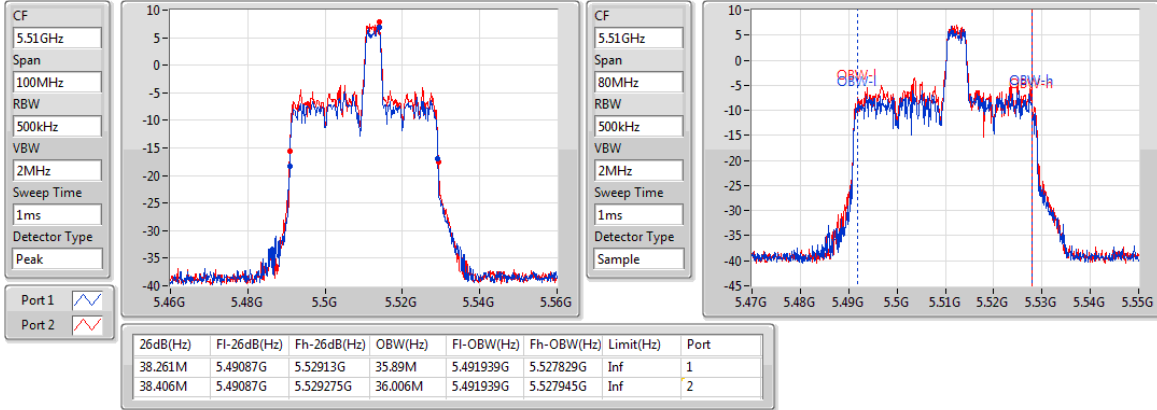
5310MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

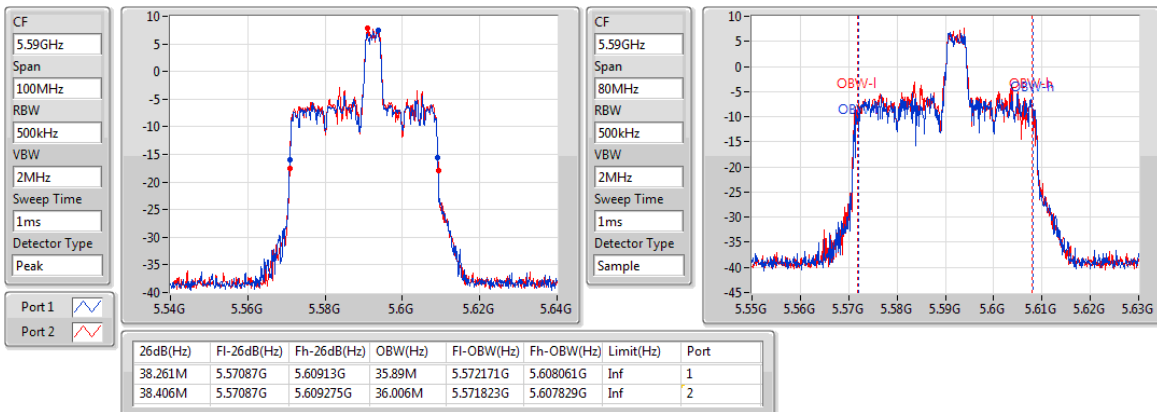
5510MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

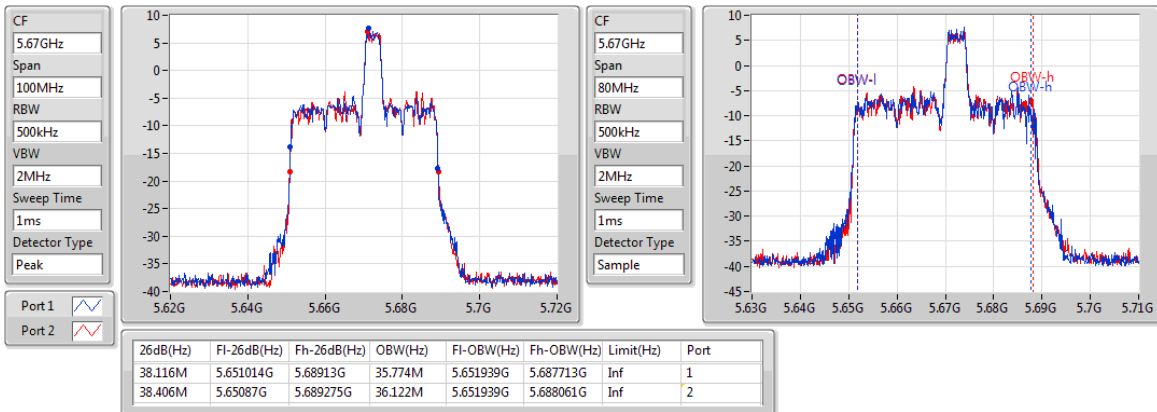
5590MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

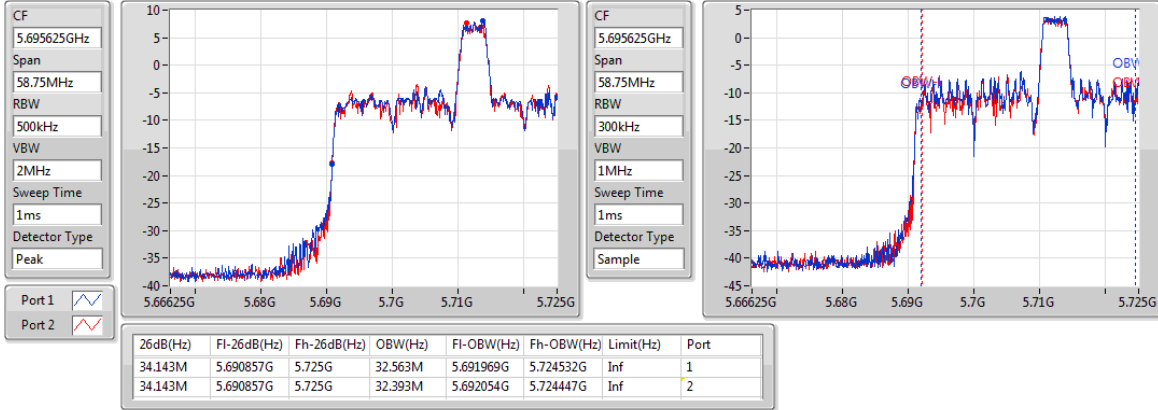
5670MHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

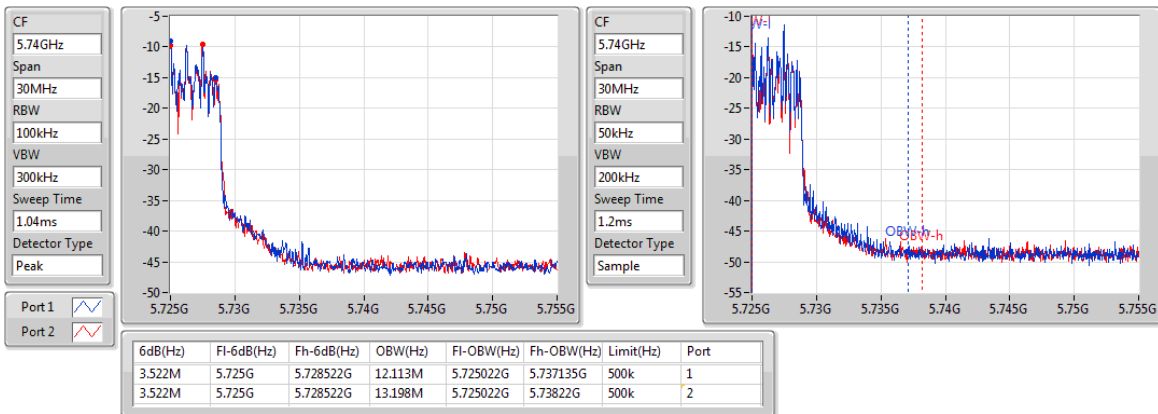
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX

EBW

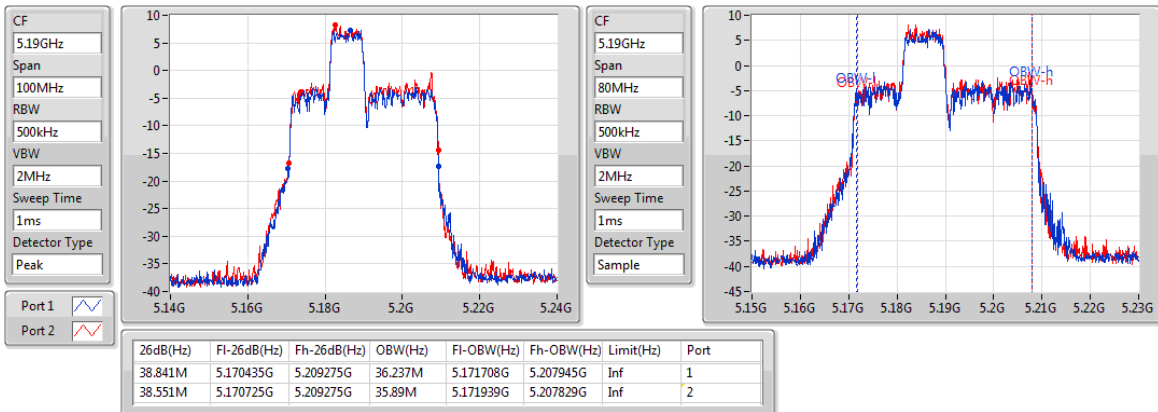
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

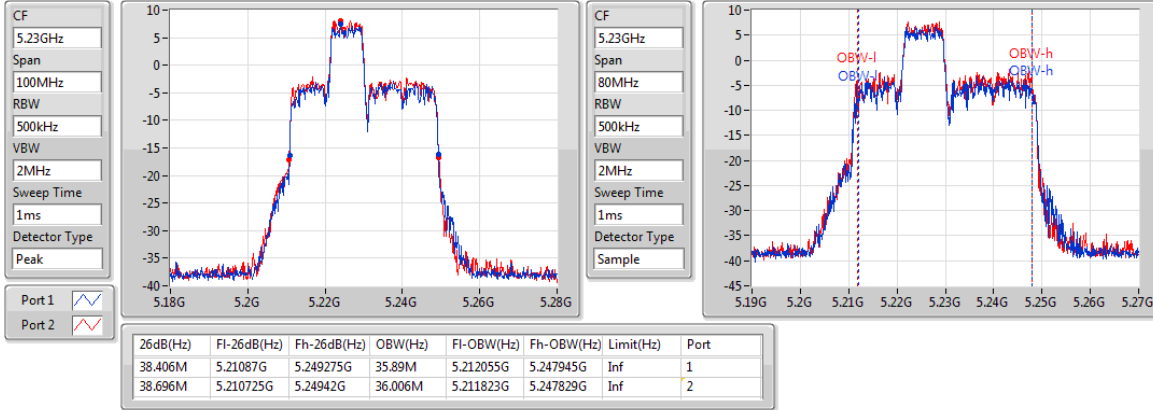
5190MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

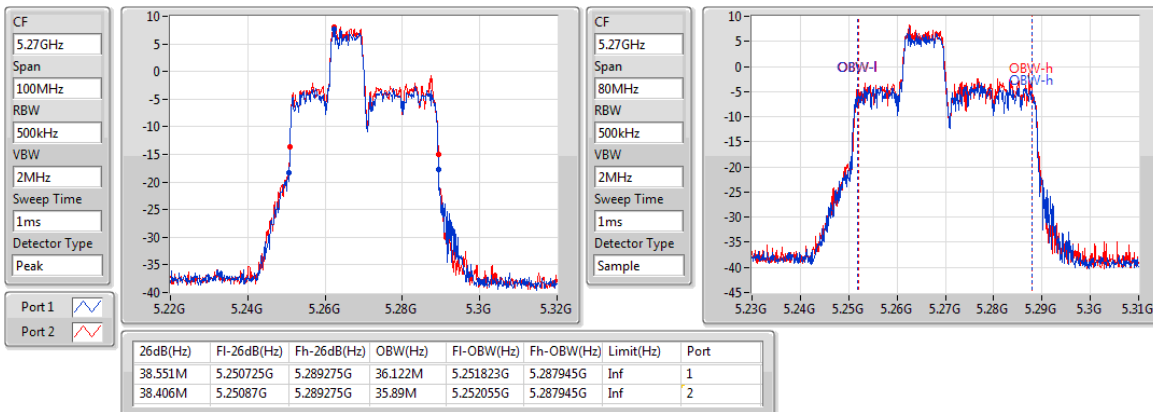
5230MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

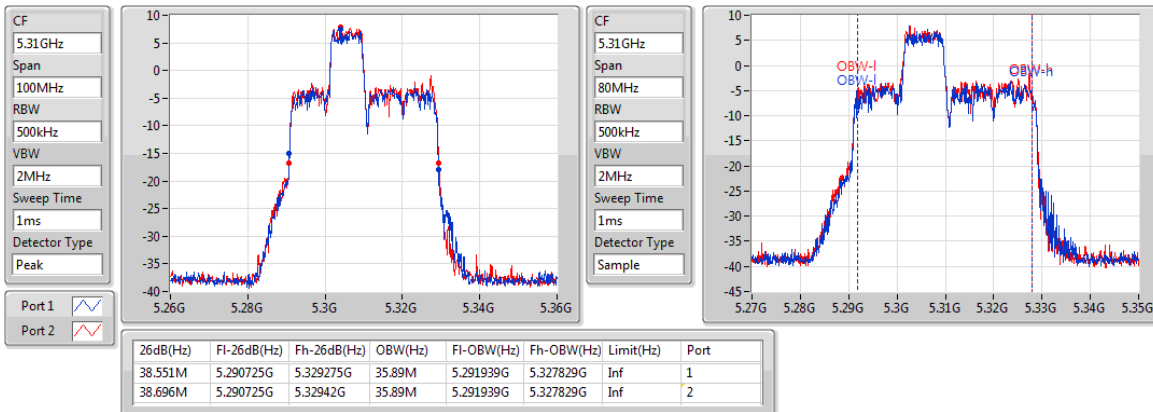
5270MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

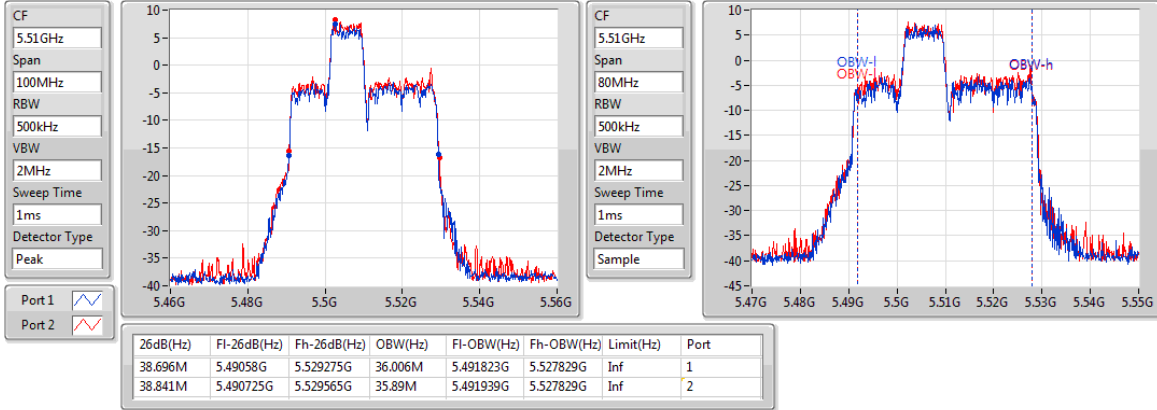
5310MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

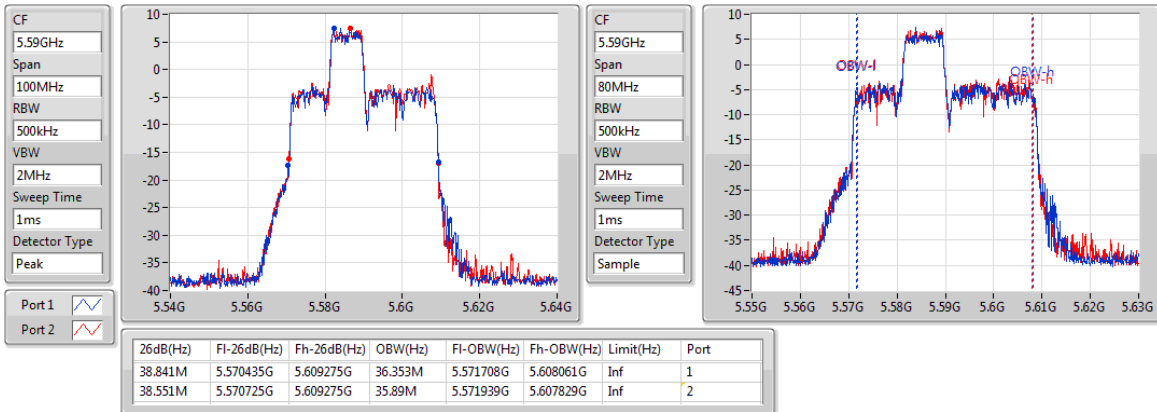
5510MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

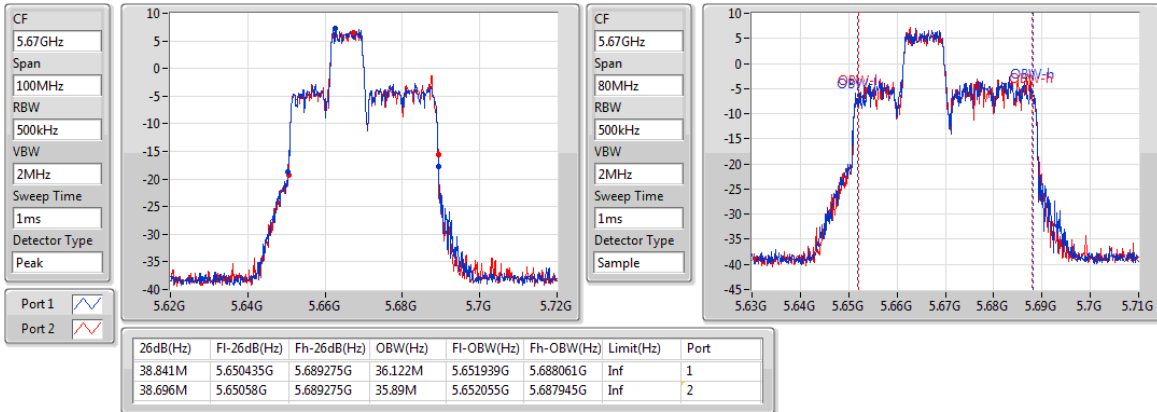
5590MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

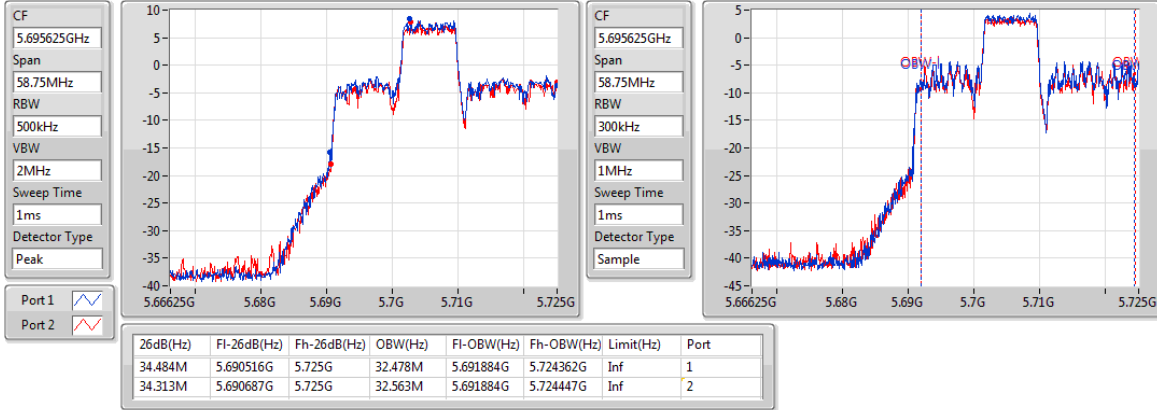
5670MHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

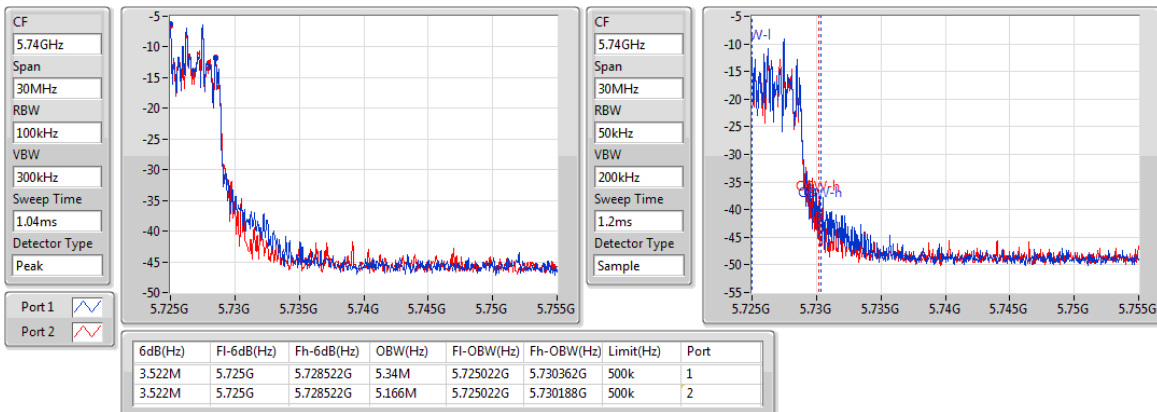
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX

EBW

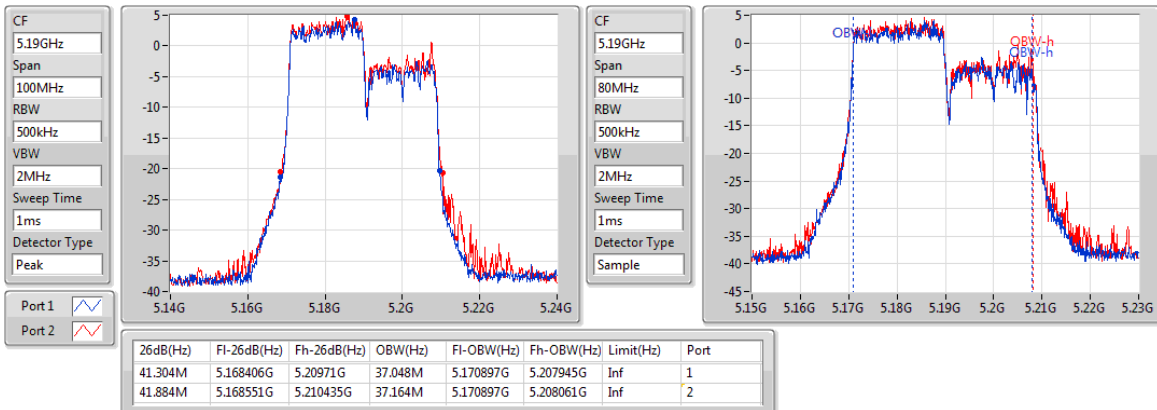
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

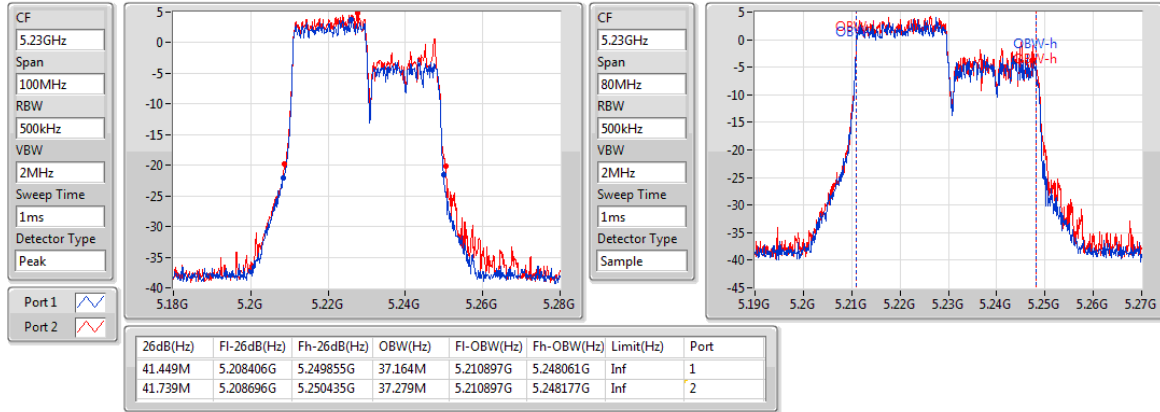
5190MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

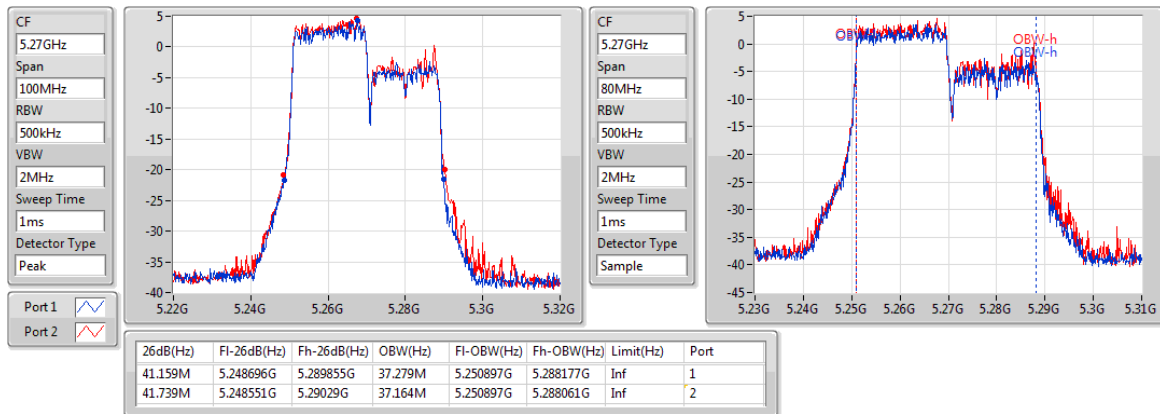
5230MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

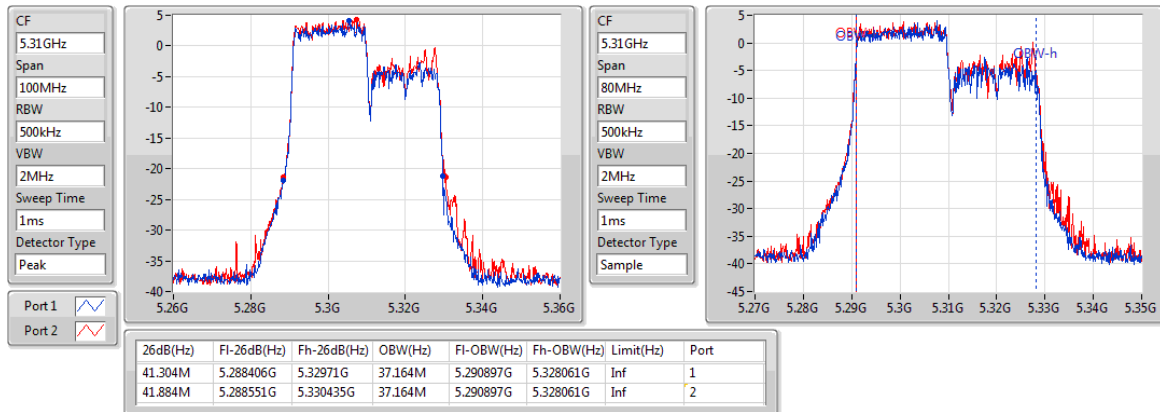
5270MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

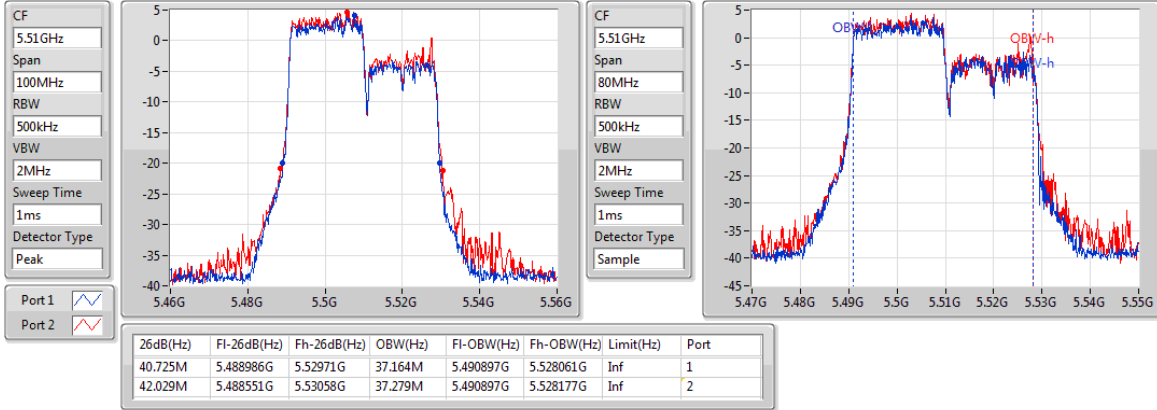
5310MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

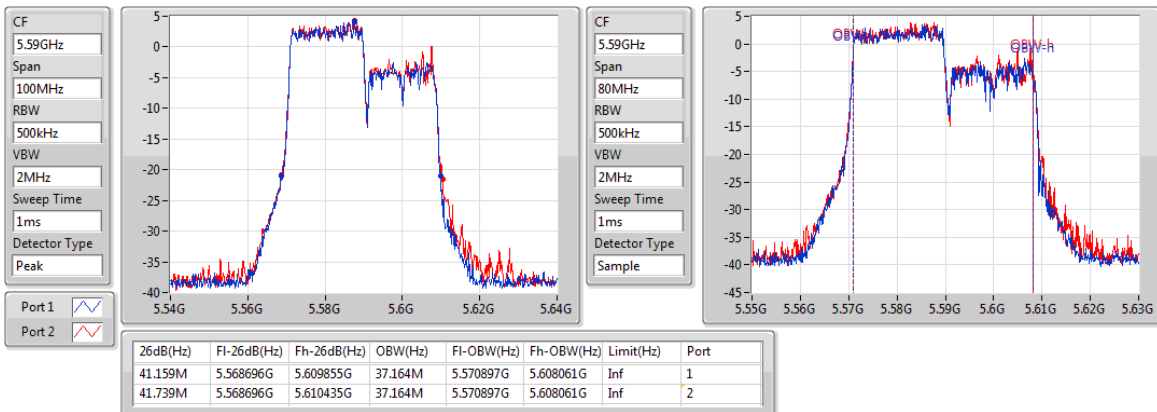
5510MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

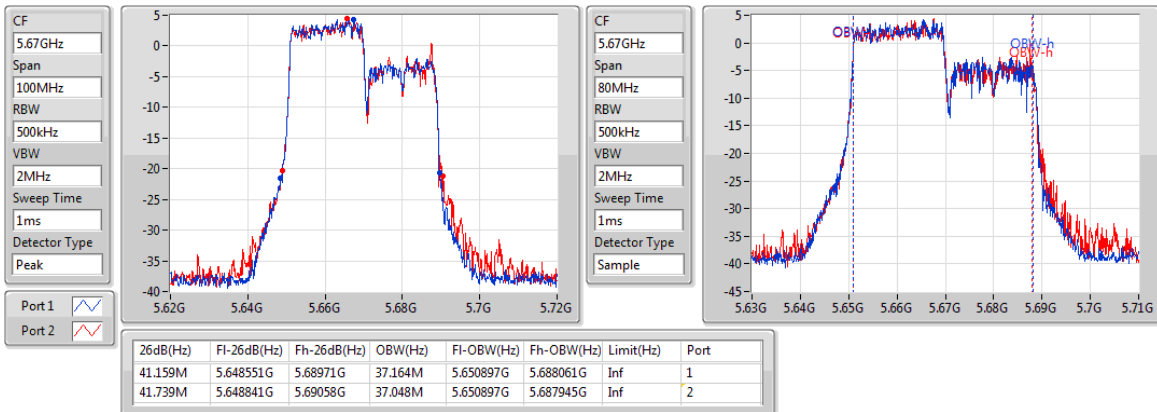
5590MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

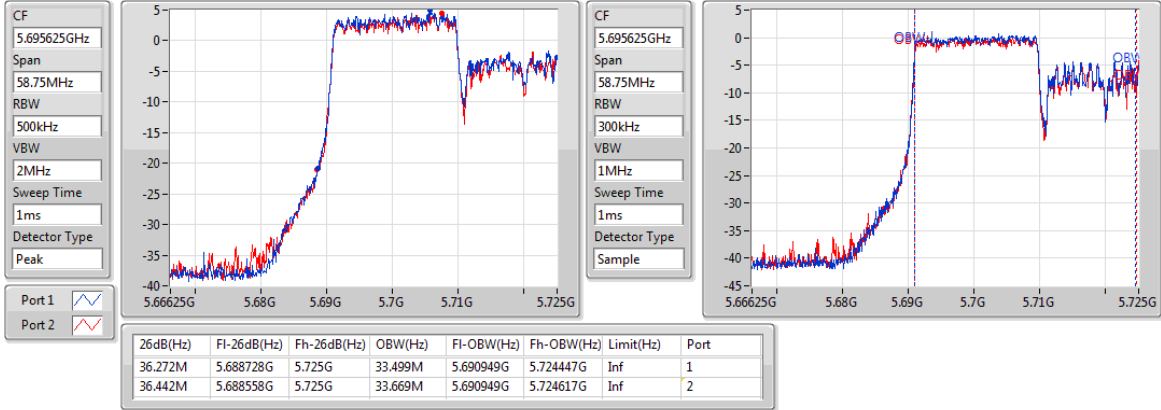
5670MHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

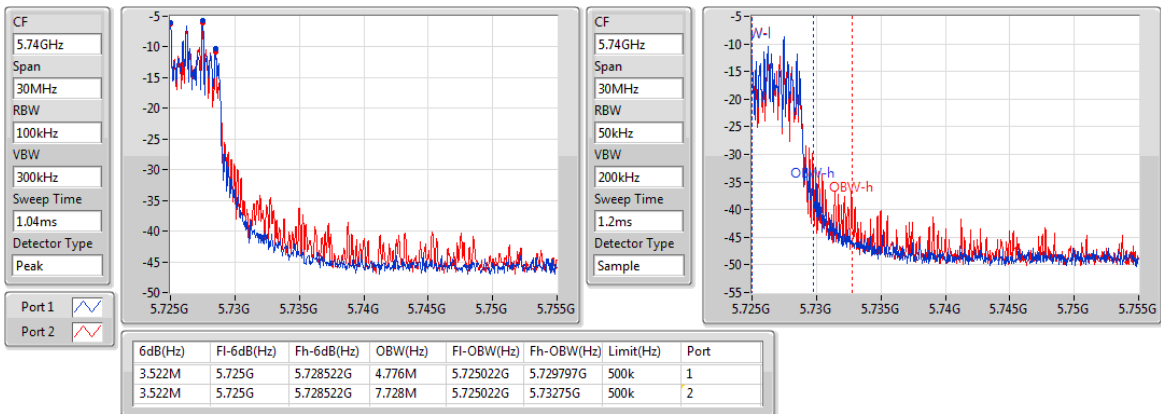
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX

EBW

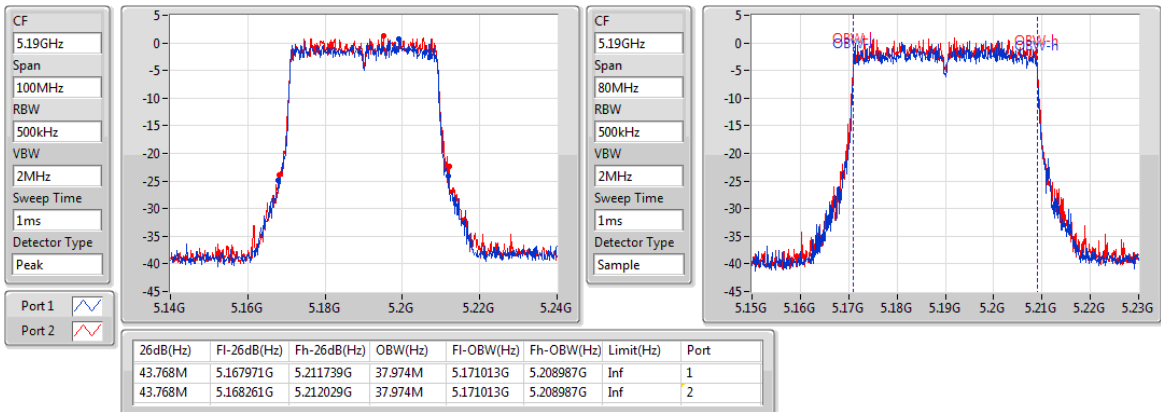
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

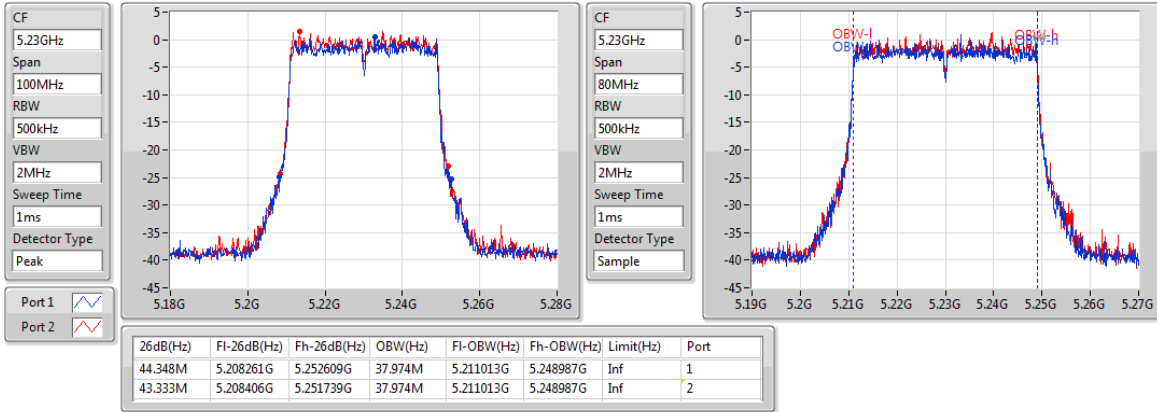
5190MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

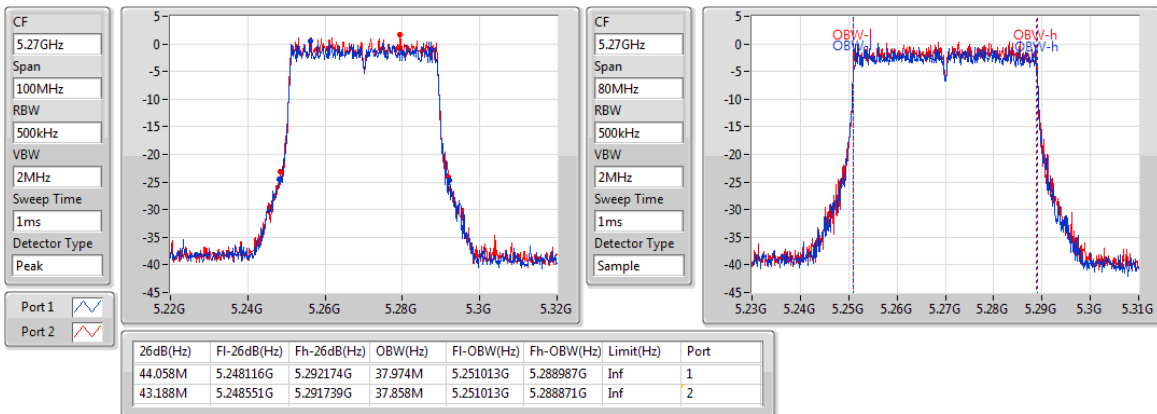
5230MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

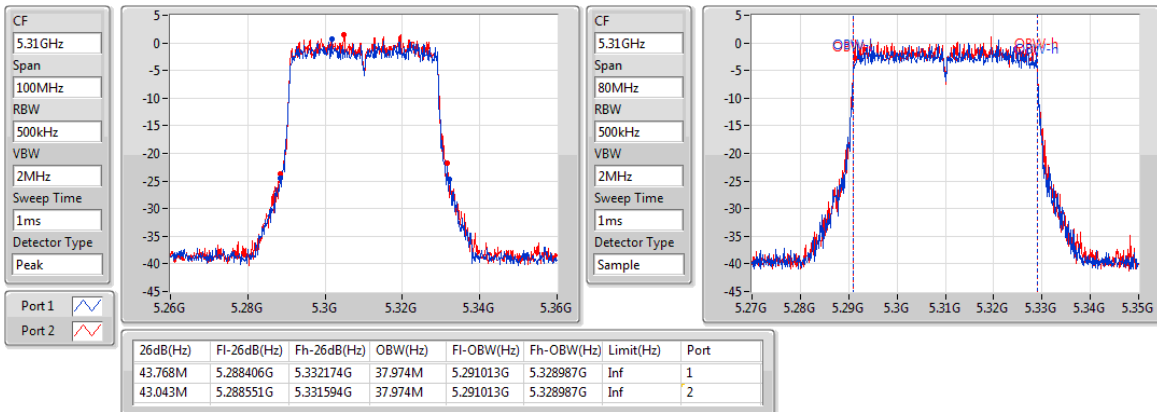
5270MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

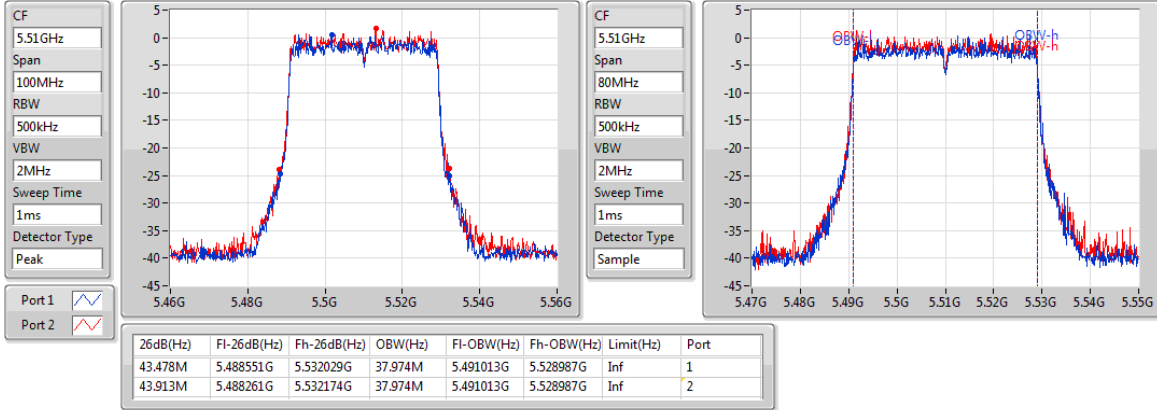
5310MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

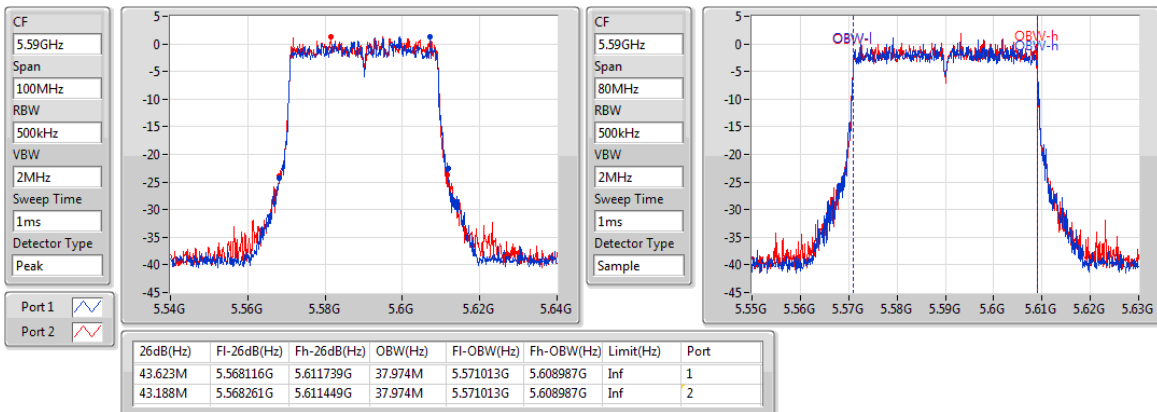
5510MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

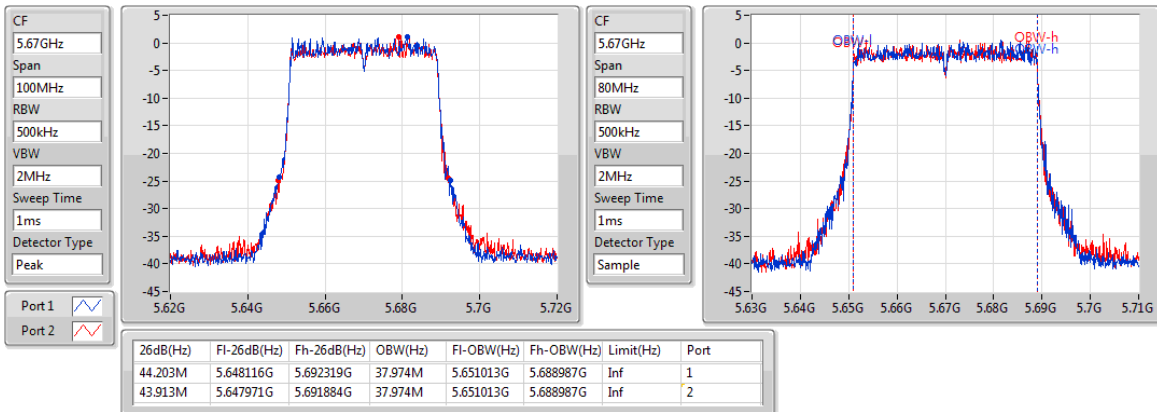
5590MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

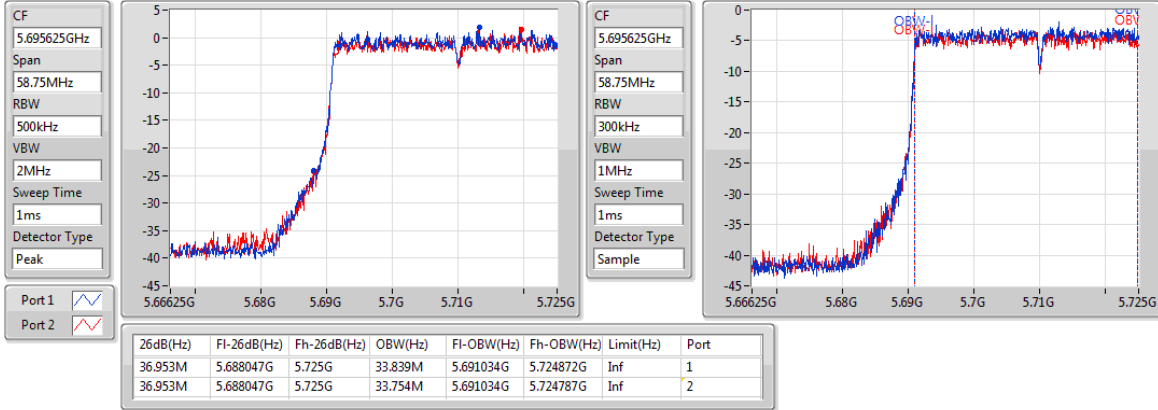
5670MHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

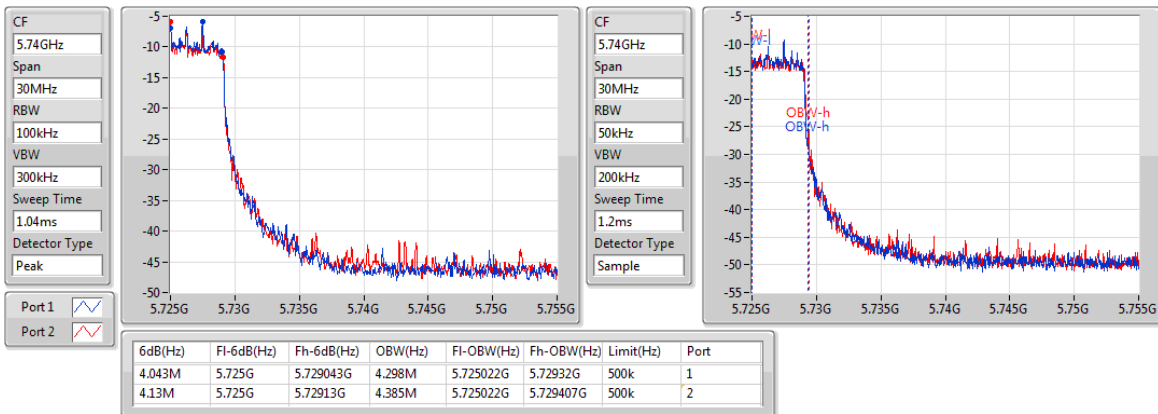
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX

EBW

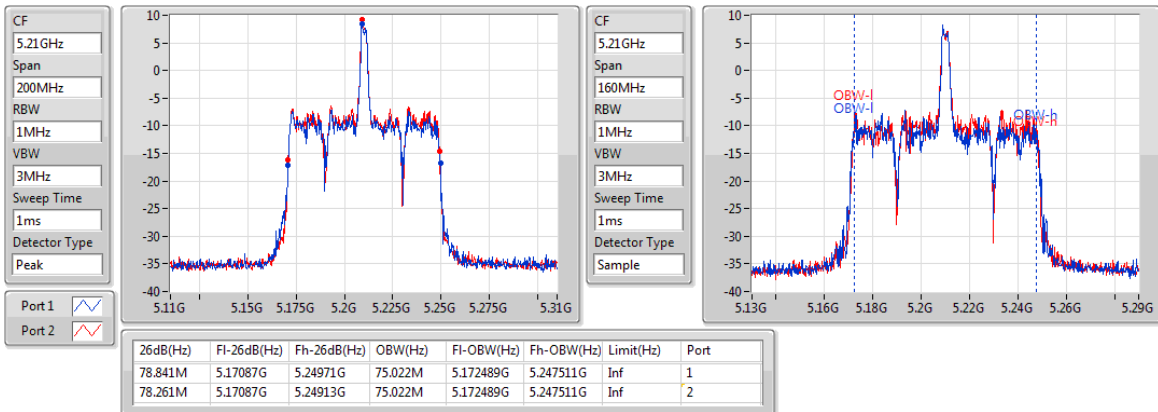
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

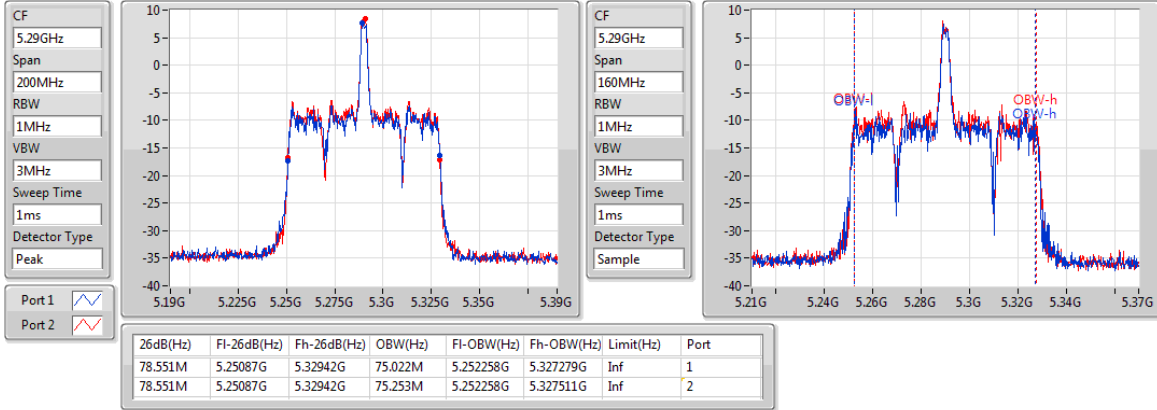
5210MHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

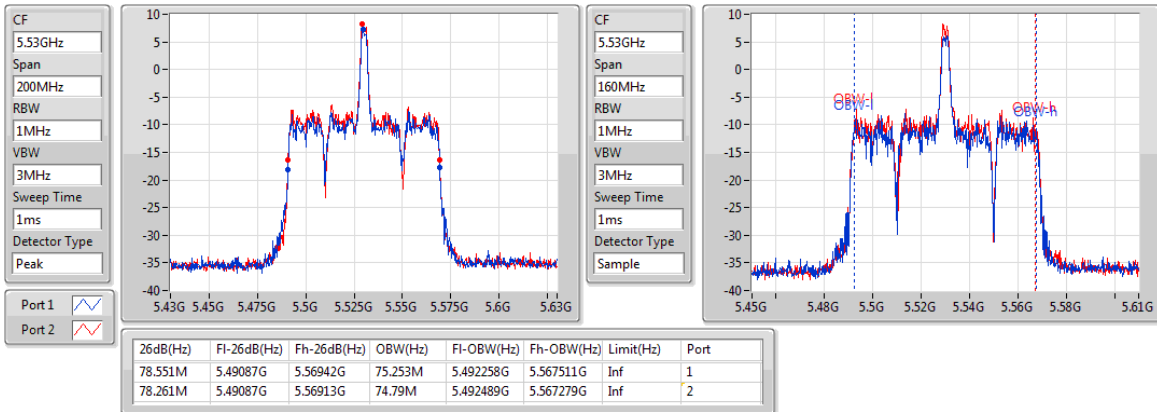
5290MHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

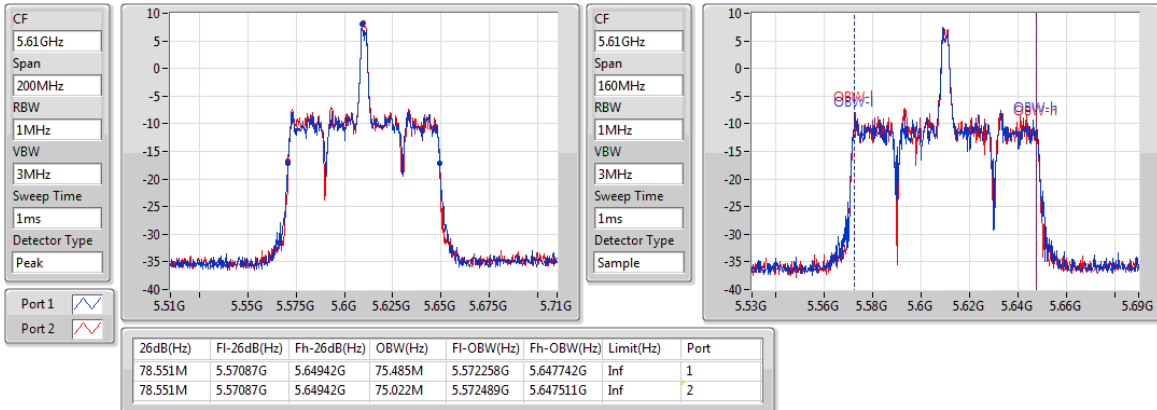
5530MHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

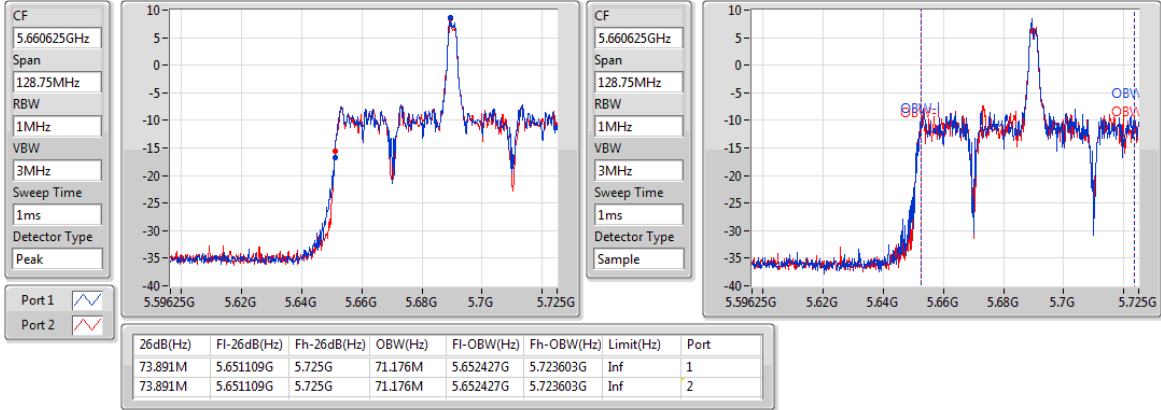
5610MHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

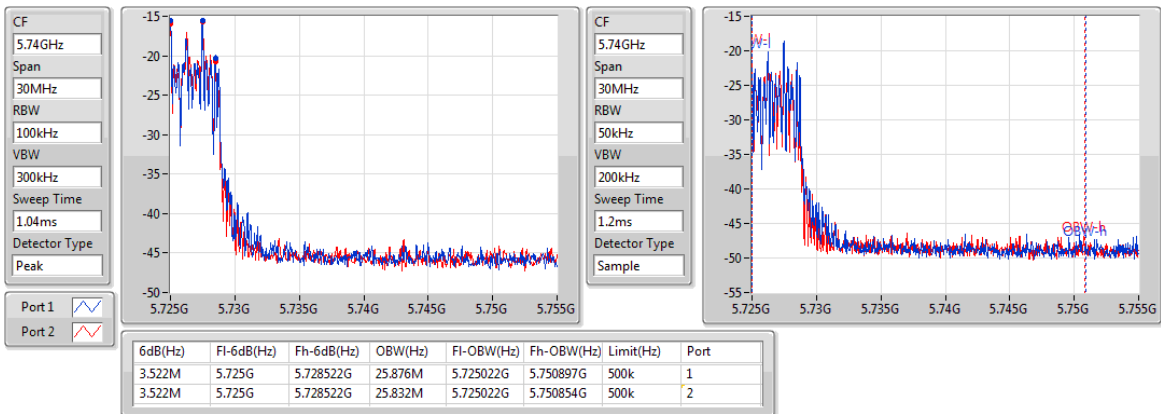
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX

EBW

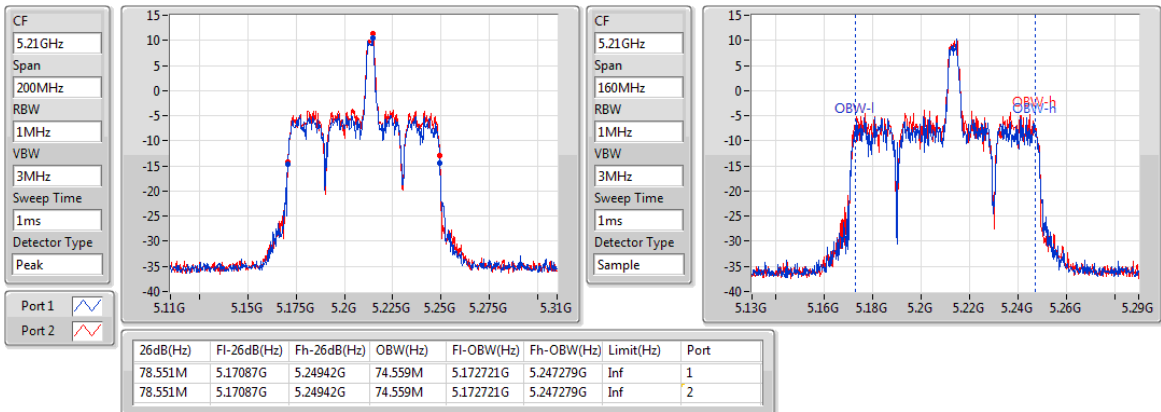
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

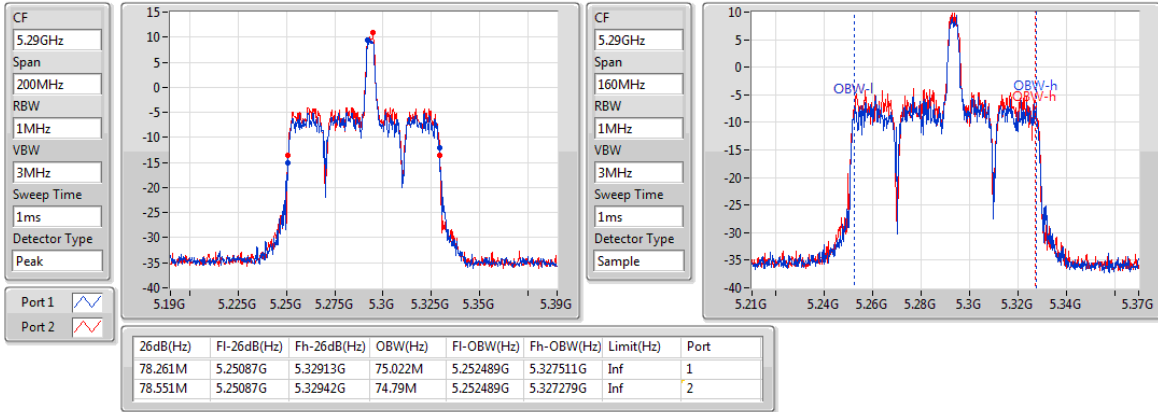
5210MHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

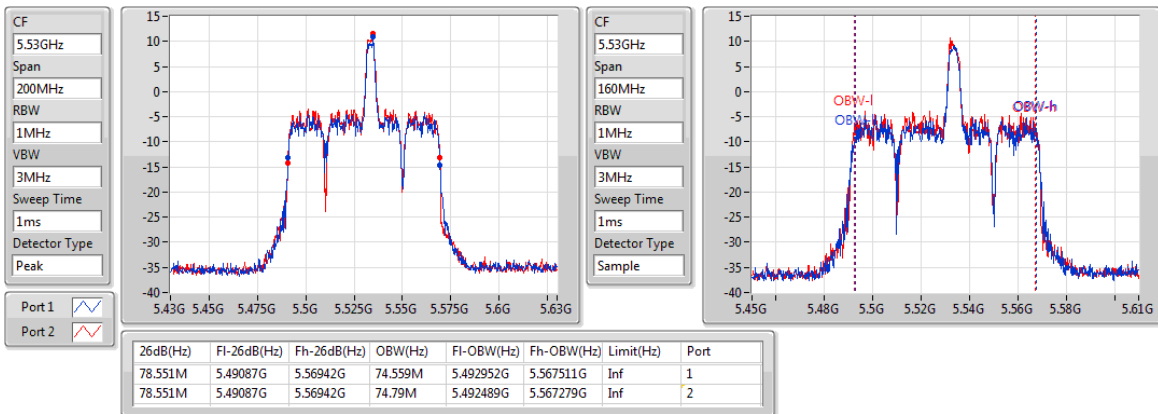
5290MHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

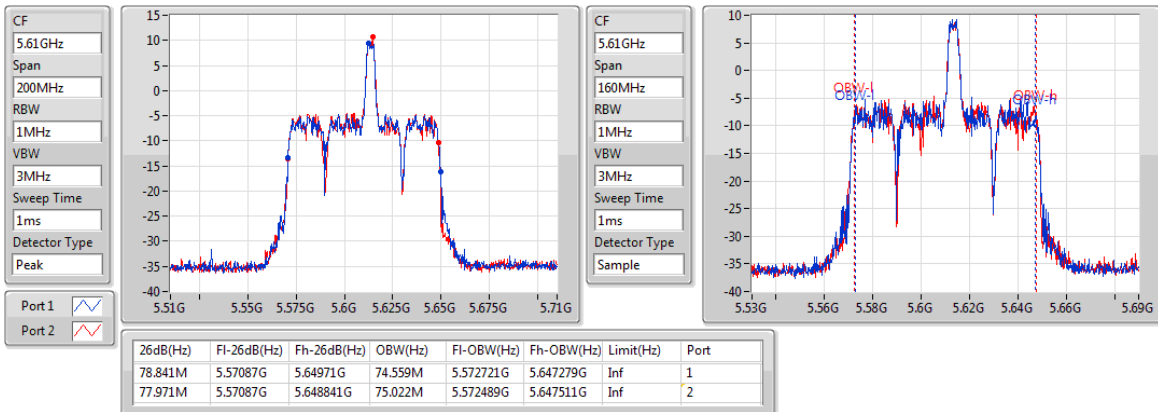
5530MHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

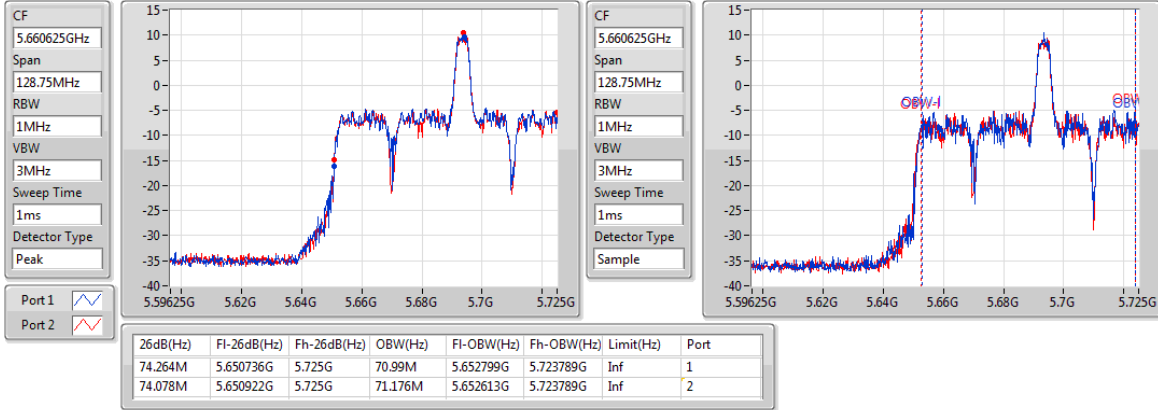
5610MHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

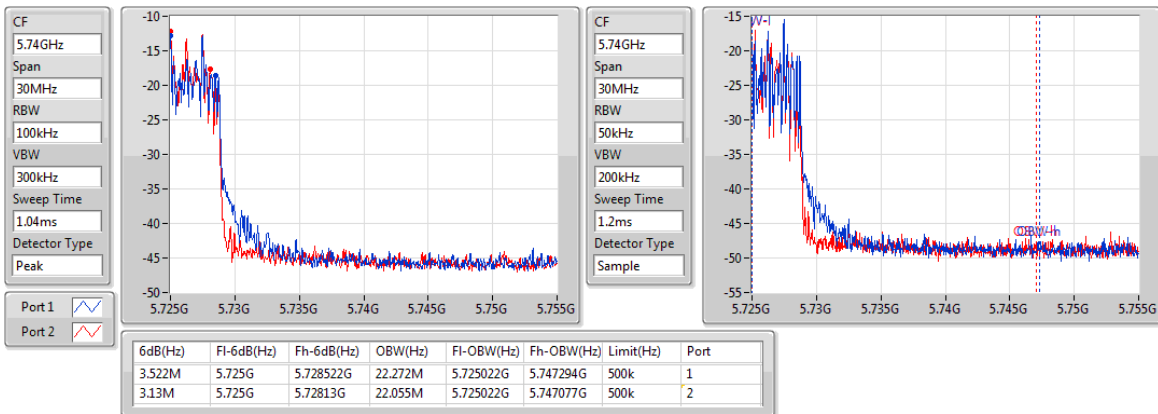
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX

EBW

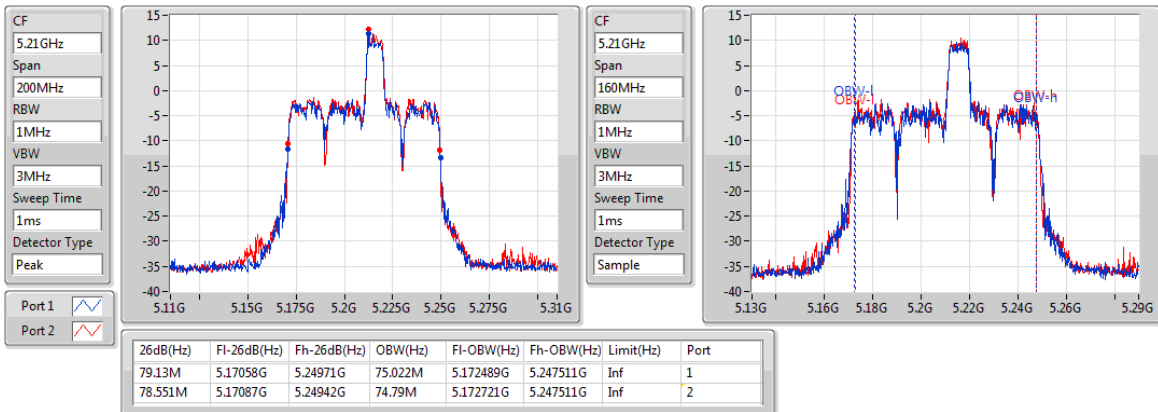
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

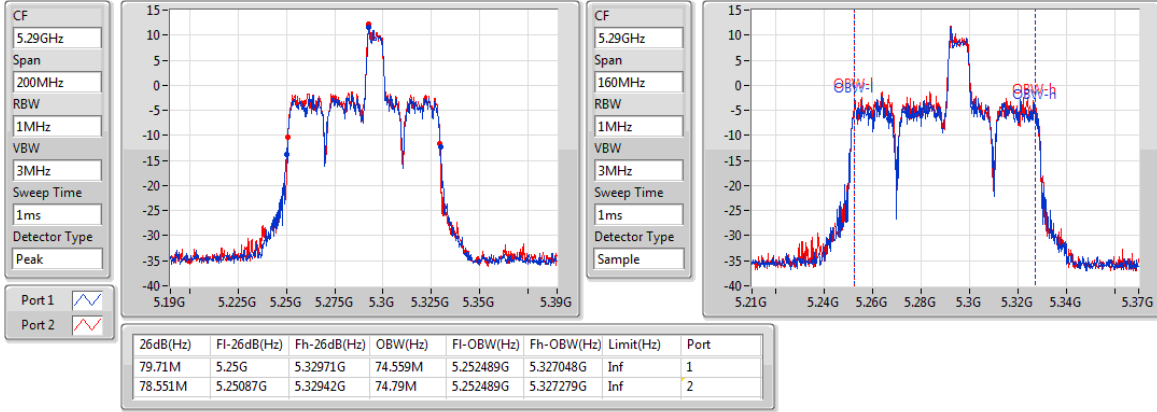
5210MHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

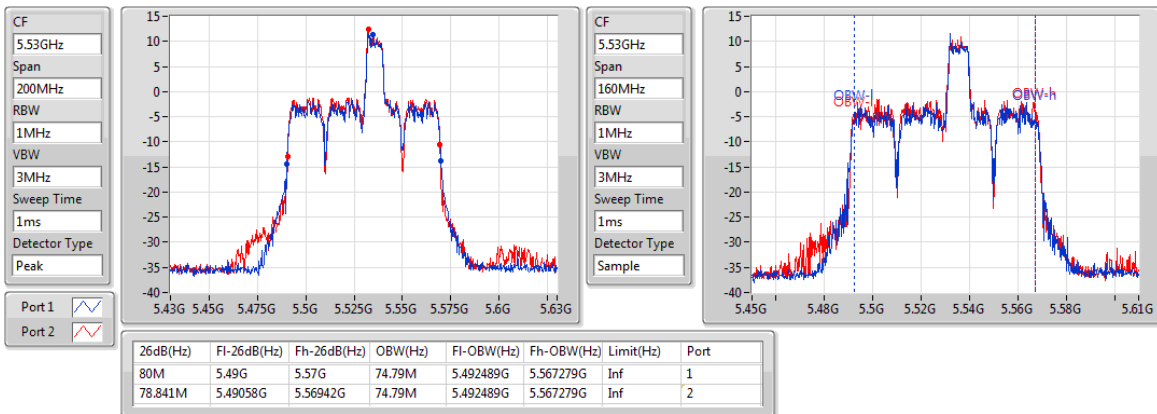
5290MHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

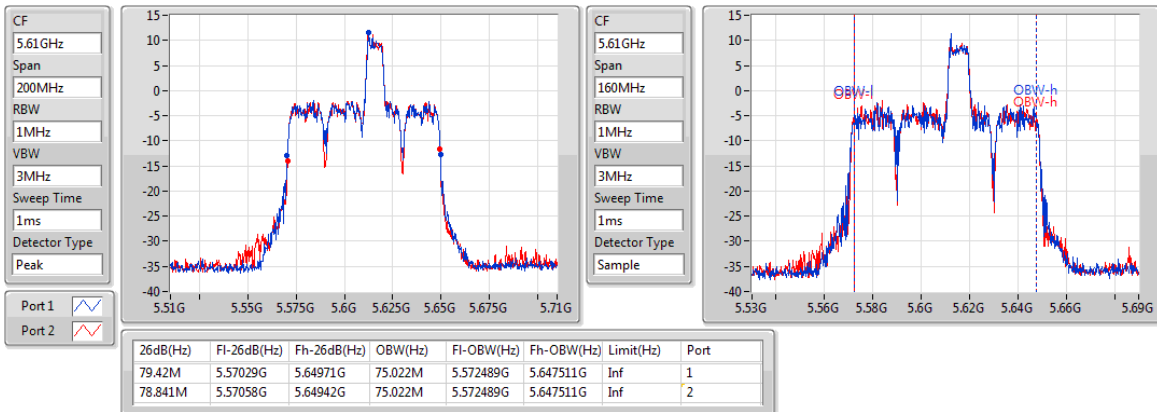
5530MHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

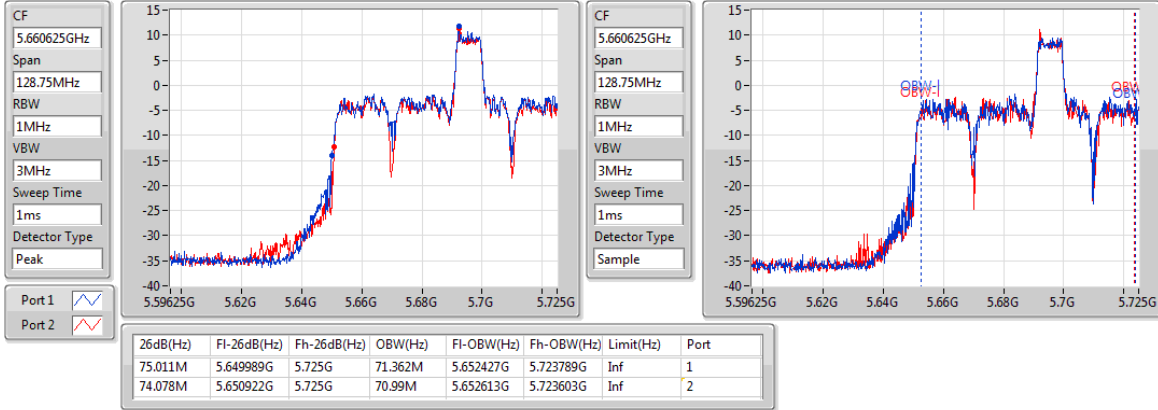
5610MHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

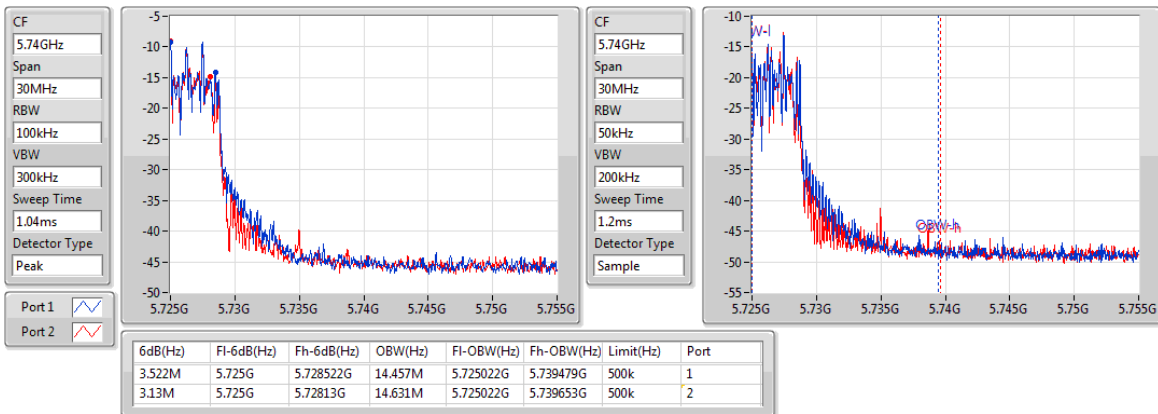
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX

EBW

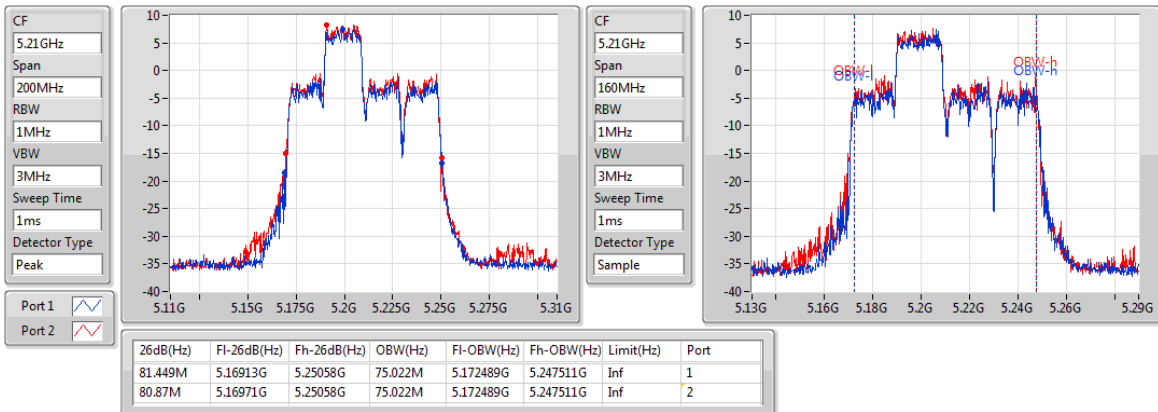
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

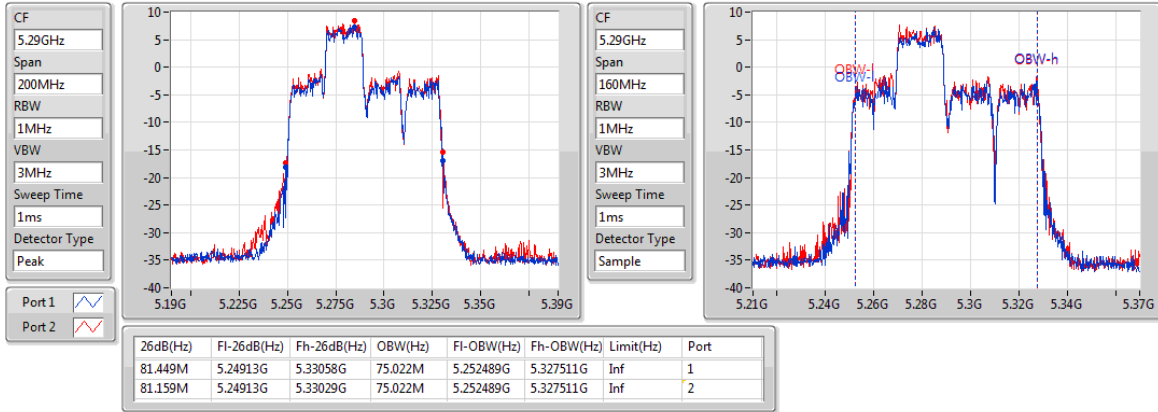
5210MHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

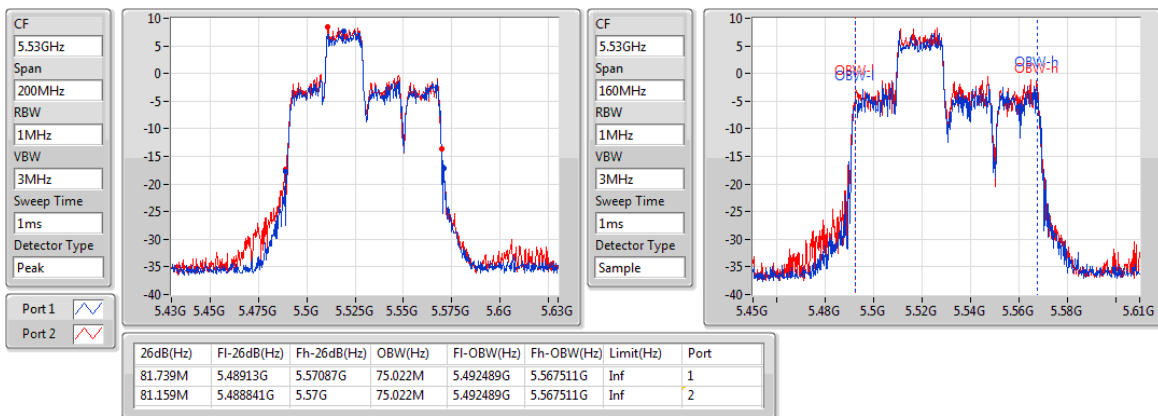
5290MHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

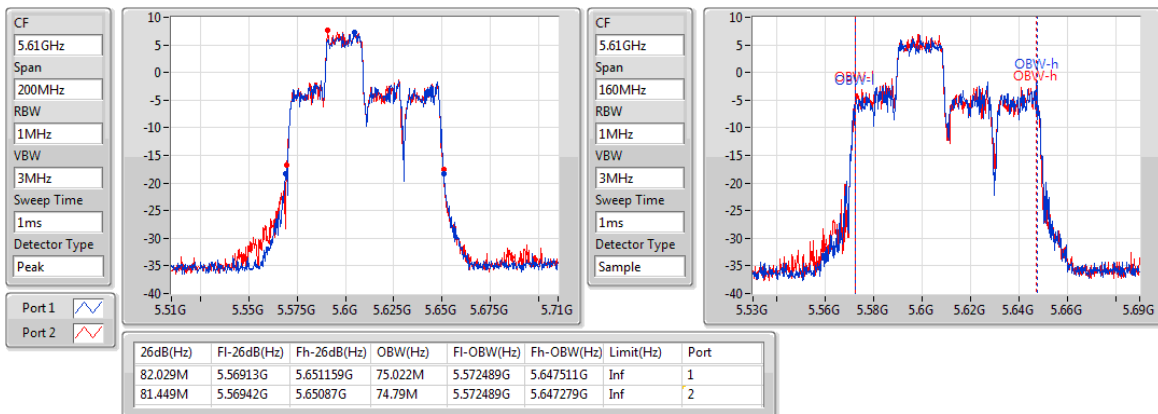
5530MHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

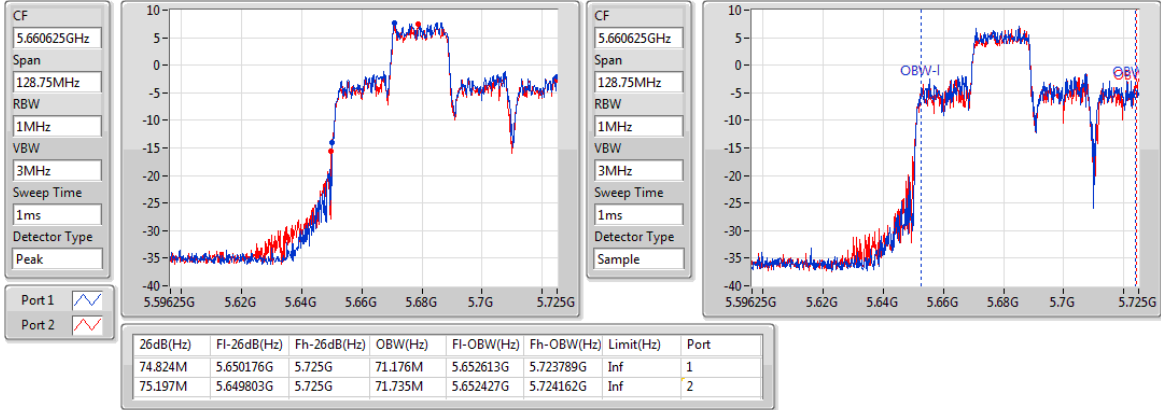
5610MHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

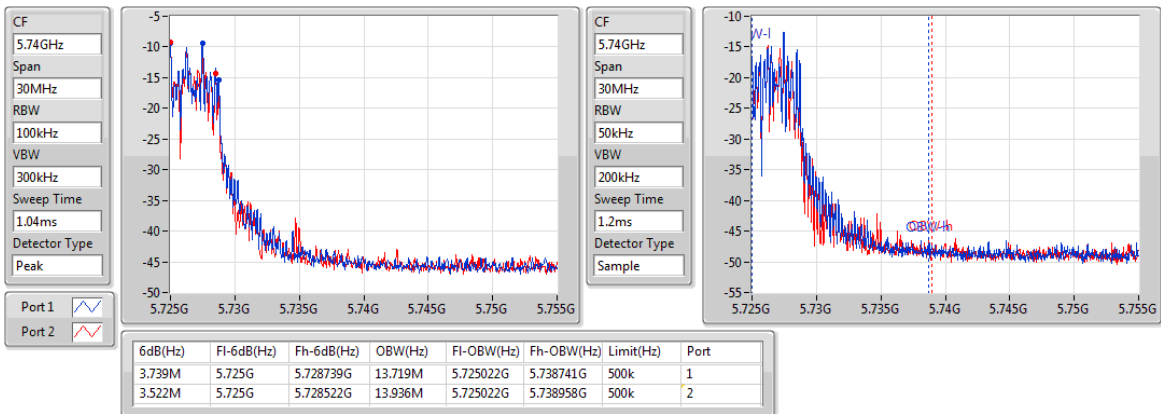
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX

EBW

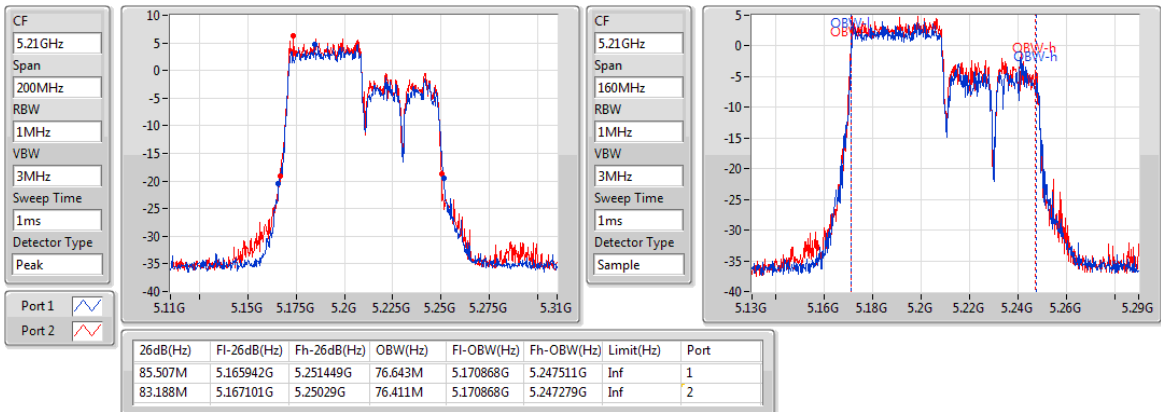
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

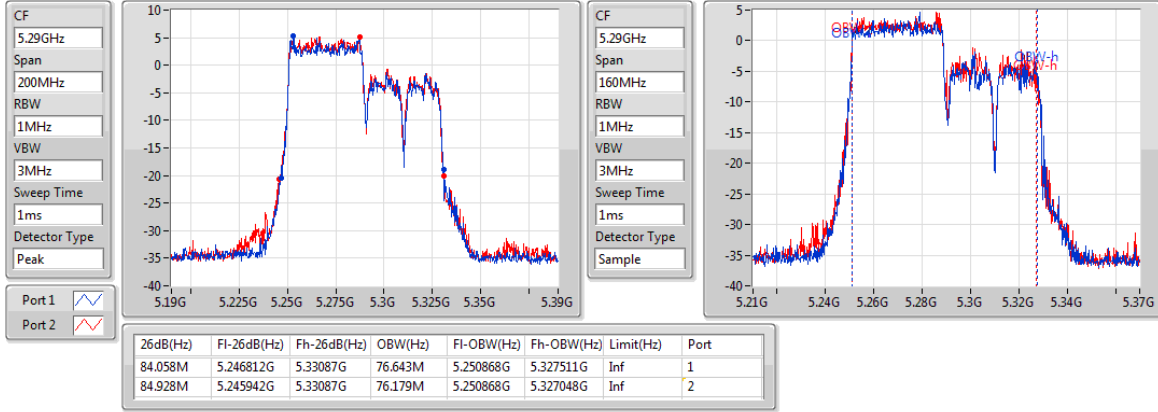
5210MHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

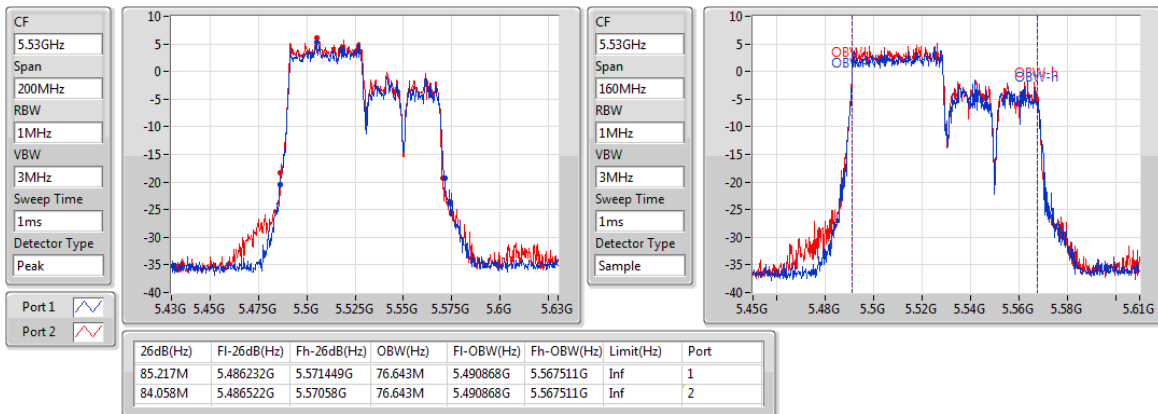
5290MHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

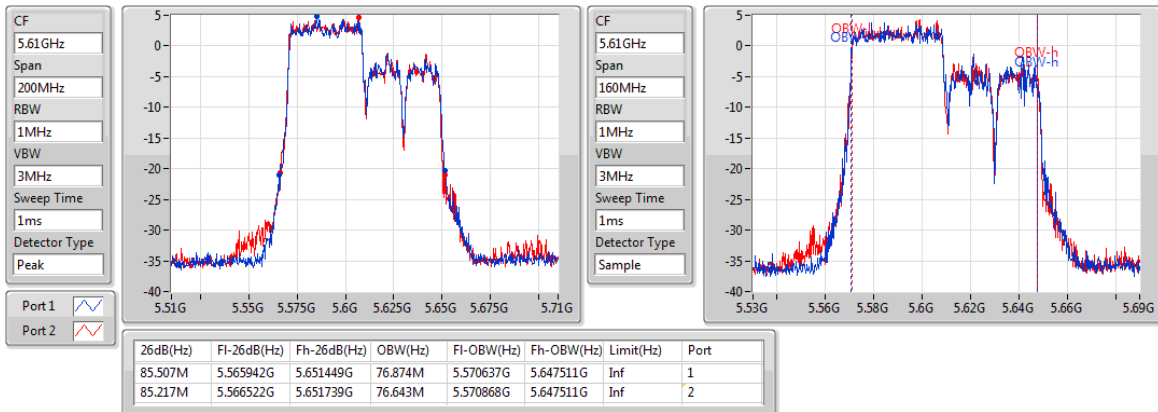
5530MHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

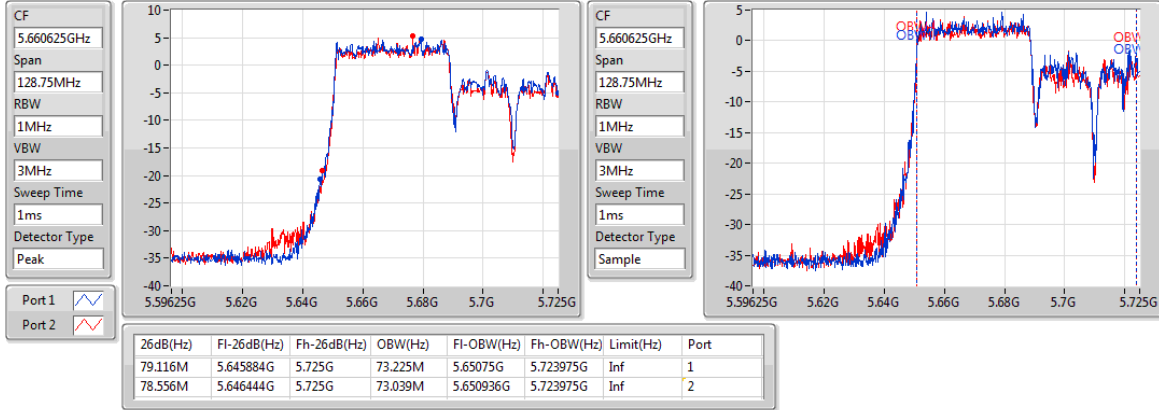
5610MHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

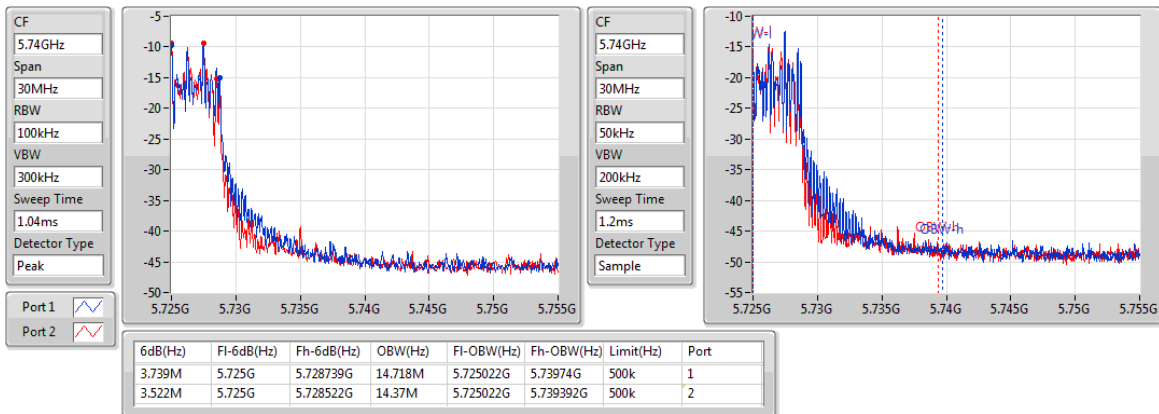
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX

EBW

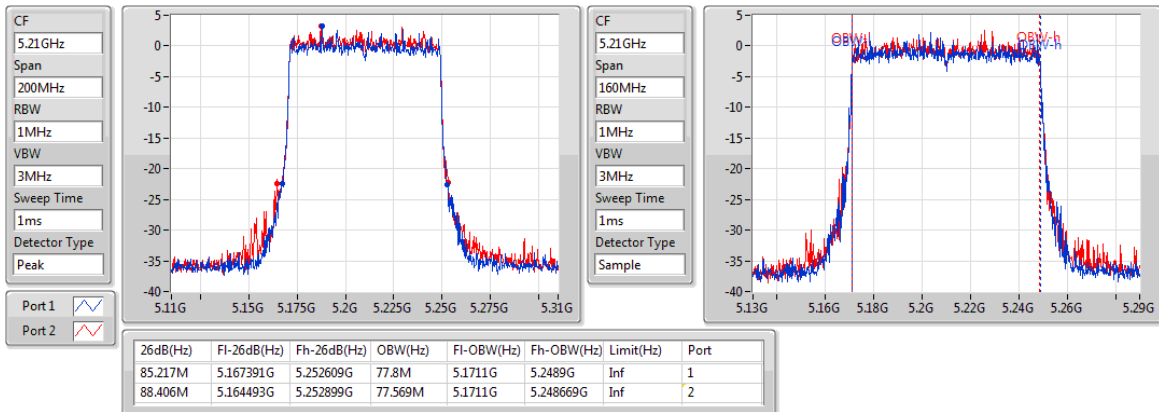
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

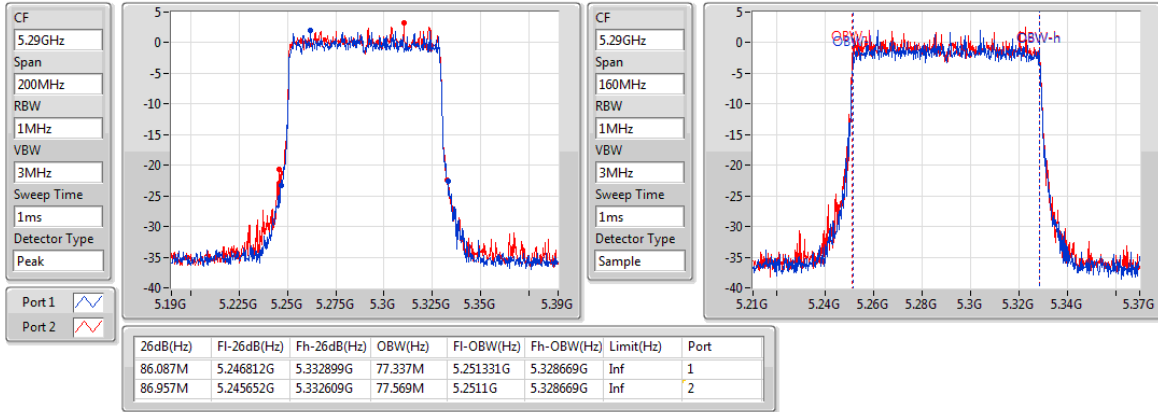
5210MHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

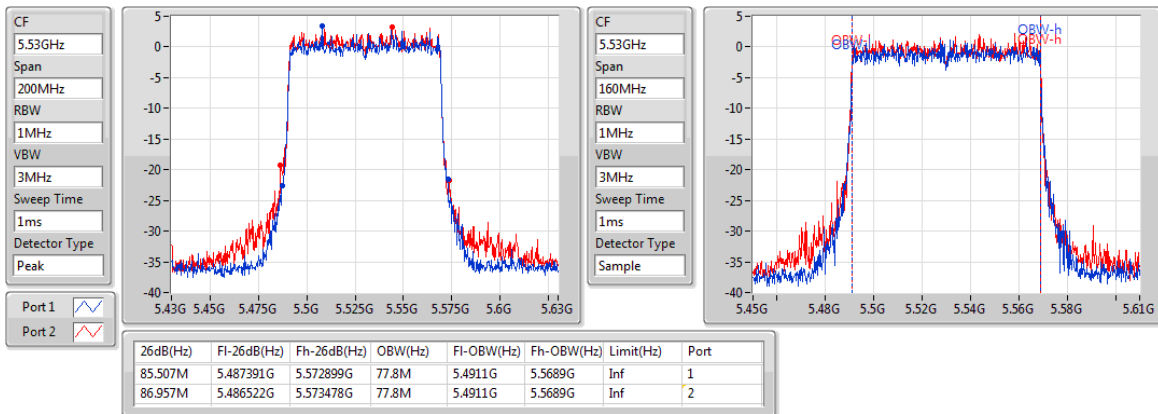
5290MHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

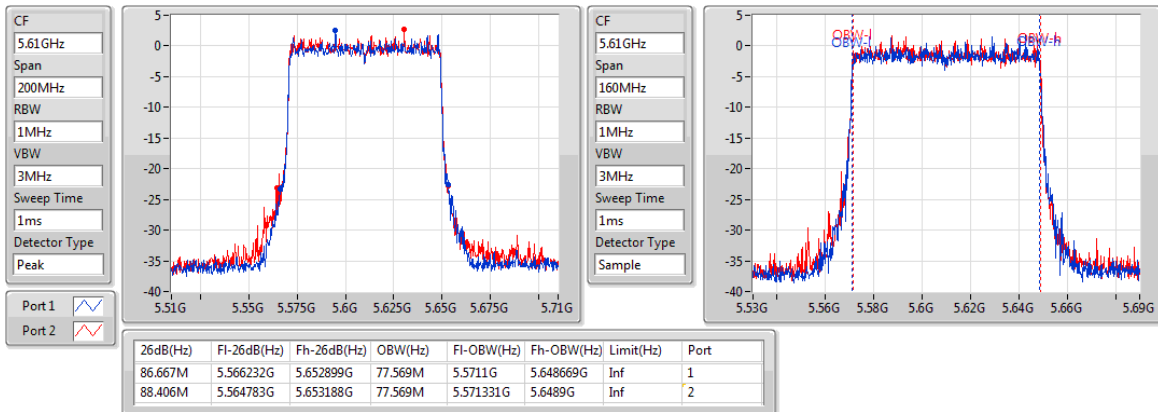
5530MHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

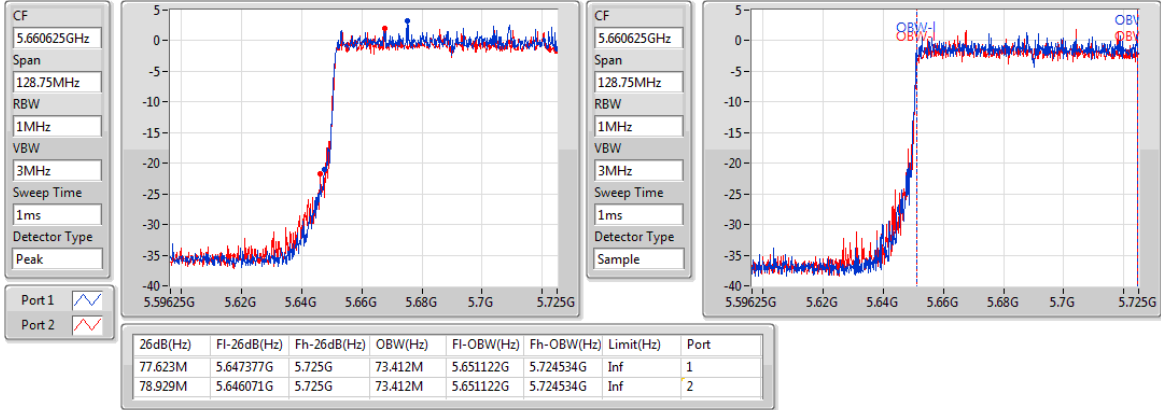
5610MHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

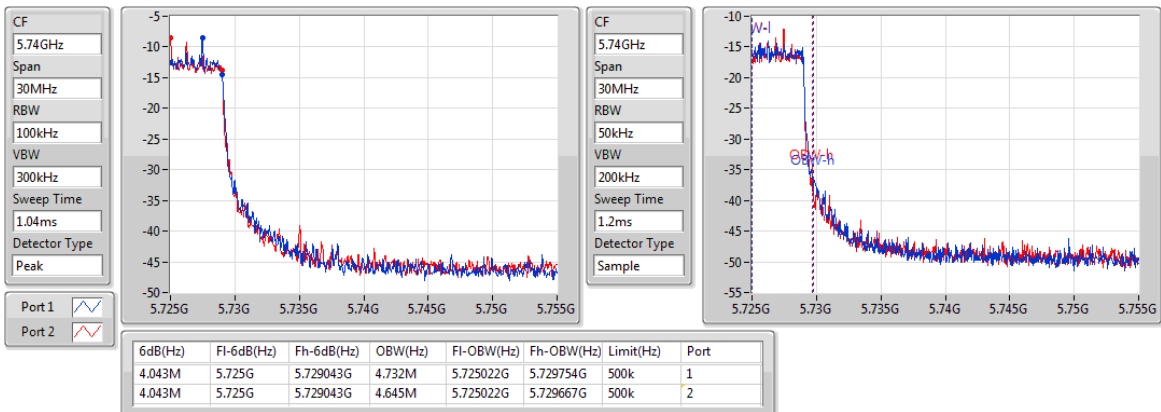
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz



3.3 RF Output Power

3.3.1 Limit of RF Output Power

Frequency band 5150-5250 MHz	
Operating Mode	Limit
<input type="checkbox"/> Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
<input type="checkbox"/> Indoor access point	Conducted Power: 1 W
<input type="checkbox"/> Fixed point-to-point access points	Conducted Power: 1 W
<input checked="" type="checkbox"/> Client devices	Conducted Power: 250 mW

Frequency Band (MHz)	Limit
<input checked="" type="checkbox"/> 5250 ~ 5350	Conducted Power: 250mW or 11dBm+10 log B
<input checked="" type="checkbox"/> 5470 ~ 5725	Conducted Power: 250mW or 11dBm+10 log B

Note: "B" is the 26dB emission bandwidth in MHz.

3.3.2 Test Procedures

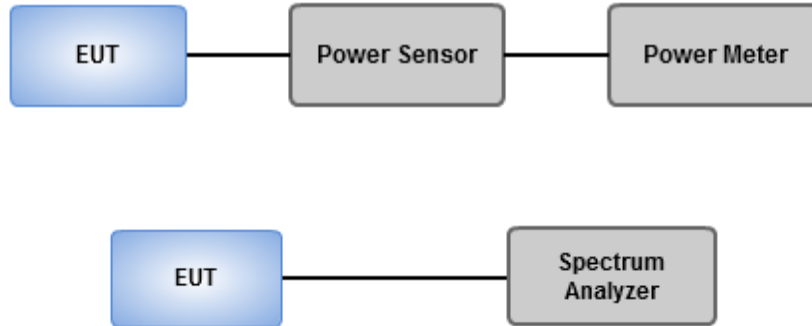
Method PM-G (Measurement using a gated RF average power meter)

Measurements is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW = 1MHz, VBW = 3MHz, Sweep time = Auto, Detector = RMS.
2. Trace average at least 100 traces in power averaging mode.
3. Compute power by integrating the spectrum across the 26 dB EBW.
4. Add $10 \log(1/X, X:\text{duty cycle})$ if duty cycle is <98%).

3.3.3 Test Setup



3.3.4 Test Result of Maximum Conducted Output Power

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.85	0.04842	12.85	0.01928
802.11n HT20_Nss1,(MCS0)_2TX	15.77	0.03776	11.77	0.01503
802.11n HT40_Nss1,(MCS0)_2TX	14.74	0.02979	10.74	0.01186
802.11ac VHT80_Nss1,(MCS0)_2TX	13.66	0.02323	9.66	0.00925
802.11ax HEW20_Nss1,(MCS0)_2TX	12.86	0.01932	8.86	0.00769
802.11ax HEW40_Nss1,(MCS0)_2TX	12.73	0.01875	8.73	0.00746
802.11ax HEW80_Nss1,(MCS0)_2TX	12.71	0.01866	8.71	0.00743
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.72	0.04699	12.72	0.01871
802.11n HT20_Nss1,(MCS0)_2TX	15.74	0.03750	11.74	0.01493
802.11n HT40_Nss1,(MCS0)_2TX	14.71	0.02958	10.71	0.01178
802.11ac VHT80_Nss1,(MCS0)_2TX	13.67	0.02328	9.67	0.00927
802.11ax HEW20_Nss1,(MCS0)_2TX	12.79	0.01901	8.79	0.00757
802.11ax HEW40_Nss1,(MCS0)_2TX	12.75	0.01884	8.75	0.00750
802.11ax HEW80_Nss1,(MCS0)_2TX	12.69	0.01858	8.69	0.00740
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.76	0.04742	12.76	0.01888
802.11n HT20_Nss1,(MCS0)_2TX	15.73	0.03741	11.73	0.01489
802.11n HT40_Nss1,(MCS0)_2TX	14.74	0.02979	10.74	0.01186
802.11ac VHT80_Nss1,(MCS0)_2TX	13.70	0.02344	9.70	0.00933
802.11ax HEW20_Nss1,(MCS0)_2TX	12.77	0.01892	8.77	0.00753
802.11ax HEW40_Nss1,(MCS0)_2TX	12.76	0.01888	8.76	0.00752
802.11ax HEW80_Nss1,(MCS0)_2TX	12.73	0.01875	8.73	0.00746

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	13.71	13.92	16.83	30.00	12.83	36.00
5200MHz	Pass	-4.00	13.65	13.86	16.77	30.00	12.77	36.00
5240MHz	Pass	-4.00	13.61	14.05	16.85	30.00	12.85	36.00
5260MHz	Pass	-4.00	13.49	13.92	16.72	23.77	12.72	29.77
5300MHz	Pass	-4.00	13.58	13.72	16.66	23.75	12.66	29.75
5320MHz	Pass	-4.00	13.52	13.7	16.62	23.75	12.62	29.75
5500MHz	Pass	-4.00	13.59	13.86	16.74	23.75	12.74	29.75
5580MHz	Pass	-4.00	13.59	13.76	16.69	23.72	12.69	29.72
5700MHz	Pass	-4.00	13.6	13.89	16.76	23.75	12.76	29.75
5720MHz	Pass	-4.00	13.57	13.83	16.71	inf	12.71	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	12.99	13.01	16.01	22.57	12.01	28.57
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	6.43	6.45	9.45	30.00	5.45	36.00
802.11n HT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	12.56	12.94	15.76	30.00	11.76	36.00
5200MHz	Pass	-4.00	12.54	12.96	15.77	30.00	11.77	36.00
5240MHz	Pass	-4.00	12.56	12.94	15.76	30.00	11.76	36.00
5260MHz	Pass	-4.00	12.46	12.83	15.66	23.95	11.66	23.95
5300MHz	Pass	-4.00	12.57	12.89	15.74	23.98	11.74	23.98
5320MHz	Pass	-4.00	12.59	12.84	15.73	24.00	11.73	24
5500MHz	Pass	-4.00	12.52	12.85	15.70	24.00	11.70	24
5580MHz	Pass	-4.00	12.59	12.84	15.73	23.99	11.73	23.99
5700MHz	Pass	-4.00	12.52	12.74	15.64	23.99	11.64	23.99
5720MHz	Pass	-4.00	12.59	12.89	15.75	inf	11.75	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	11.84	12.07	14.97	22.69	10.97	28.69
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	5.63	5.72	8.69	30.00	4.69	36.00
802.11n HT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	11.59	11.84	14.73	30.00	10.73	36.00
5230MHz	Pass	-4.00	11.62	11.84	14.74	30.00	10.74	36.00
5270MHz	Pass	-4.00	11.58	11.82	14.71	24.00	10.71	30.00
5310MHz	Pass	-4.00	11.57	11.79	14.69	24.00	10.69	30.00
5510MHz	Pass	-4.00	11.63	11.82	14.74	24.00	10.74	30.00
5590MHz	Pass	-4.00	11.56	11.89	14.74	24.00	10.74	30.00
5670MHz	Pass	-4.00	11.56	11.82	14.70	24.00	10.70	30.00
5710MHz	Pass	-4.00	11.59	11.81	14.71	inf	10.71	inf
5710MHz Straddle 5.47-5.725GHz	Pass	-4.00	11.4	11.53	14.48	24.00	10.48	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	-4.00	0.03	0.12	3.09	30.00	-0.91	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	10.46	10.84	13.66	30.00	9.66	36.00
5290MHz	Pass	-4.00	10.51	10.81	13.67	24.00	9.67	30.00

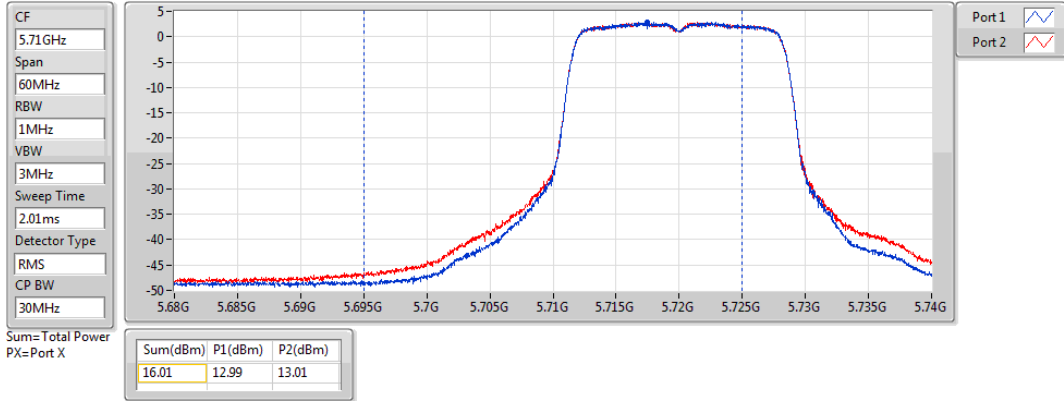
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5530MHz	Pass	-4.00	10.42	10.76	13.60	24.00	9.60	30.00
5610MHz	Pass	-4.00	10.51	10.87	13.70	24.00	9.70	30.00
5690MHz	Pass	-4.00	10.55	10.8	13.69	inf	9.69	inf
5690MHz Straddle 5.47-5.725GHz	Pass	-4.00	10.42	10.57	13.51	24.00	9.51	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	-4.00	-4.85	-4.74	-1.78	30.00	-5.78	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	9.53	10.1	12.83	30.00	8.83	36.00
5200MHz	Pass	-4.00	9.56	10.12	12.86	30.00	8.86	36.00
5240MHz	Pass	-4.00	9.46	10.08	12.79	30.00	8.79	36.00
5260MHz	Pass	-4.00	9.5	10.05	12.79	24.00	8.79	30.00
5300MHz	Pass	-4.00	9.54	9.82	12.69	24.00	8.69	30.00
5320MHz	Pass	-4.00	9.48	9.75	12.63	24.00	8.63	30.00
5500MHz	Pass	-4.00	9.57	9.94	12.77	24.00	8.77	30.00
5580MHz	Pass	-4.00	9.49	9.78	12.65	24.00	8.65	30.00
5700MHz	Pass	-4.00	9.53	9.88	12.72	24.00	8.72	30.00
5720MHz	Pass	-4.00	9.58	9.97	12.79	inf	8.79	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	8.48	8.7	11.60	22.84	7.60	28.84
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	2.7	2.89	5.81	30.00	1.81	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	9.49	9.89	12.70	30.00	8.70	36.00
5230MHz	Pass	-4.00	9.51	9.92	12.73	30.00	8.73	36.00
5270MHz	Pass	-4.00	9.46	9.83	12.66	24.00	8.66	30.00
5310MHz	Pass	-4.00	9.56	9.92	12.75	24.00	8.75	30.00
5510MHz	Pass	-4.00	9.55	9.94	12.76	24.00	8.76	30.00
5590MHz	Pass	-4.00	9.49	9.86	12.69	24.00	8.69	30.00
5670MHz	Pass	-4.00	9.49	9.79	12.65	24.00	8.65	30.00
5710MHz	Pass	-4.00	9.55	9.84	12.71	inf	8.71	inf
5710MHz Straddle 5.47-5.725GHz	Pass	-4.00	9.31	9.37	12.35	24.00	8.35	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	-4.00	-1.34	-1.28	1.70	30.00	-2.30	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	9.42	9.96	12.71	30.00	8.71	36.00
5290MHz	Pass	-4.00	9.49	9.87	12.69	24.00	8.69	30.00
5530MHz	Pass	-4.00	9.46	9.87	12.68	24.00	8.68	30.00
5610MHz	Pass	-4.00	9.56	9.88	12.73	24.00	8.73	30.00
5690MHz	Pass	-4.00	9.54	9.86	12.71	inf	8.71	inf
5690MHz Straddle 5.47-5.725GHz	Pass	-4.00	9.41	9.65	12.54	24.00	8.54	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	-4.00	-5.02	-4.84	-1.92	30.00	-5.92	36.00

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

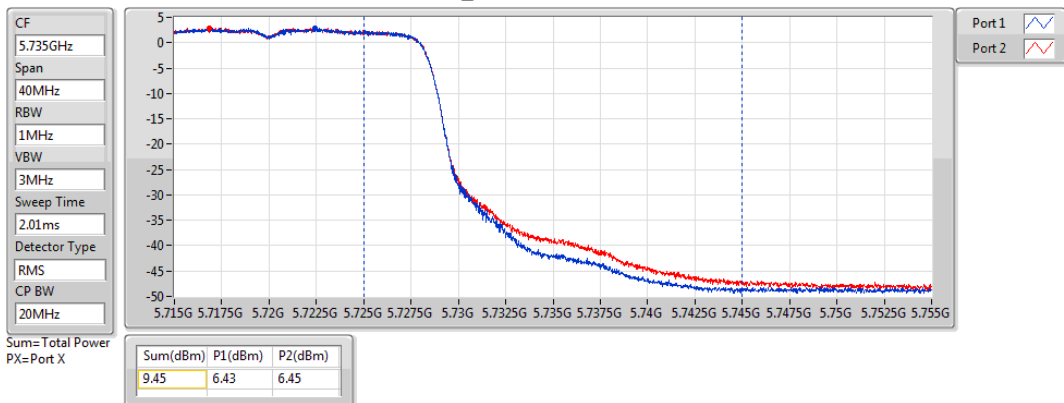
5720MHz Straddle 5.47-5.725GHz_TnomVnom



802.11a_Nss1,(6Mbps)_2TX

AV Power

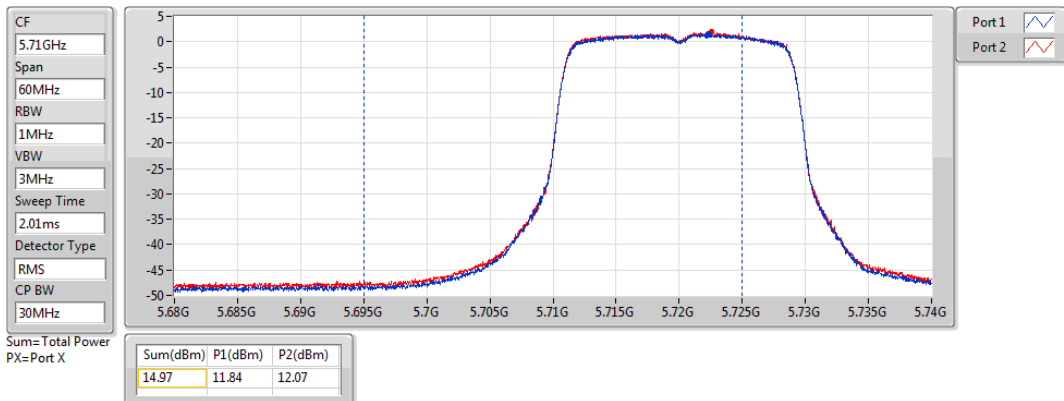
5720MHz Straddle 5.725-5.85GHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_2TX

AV Power

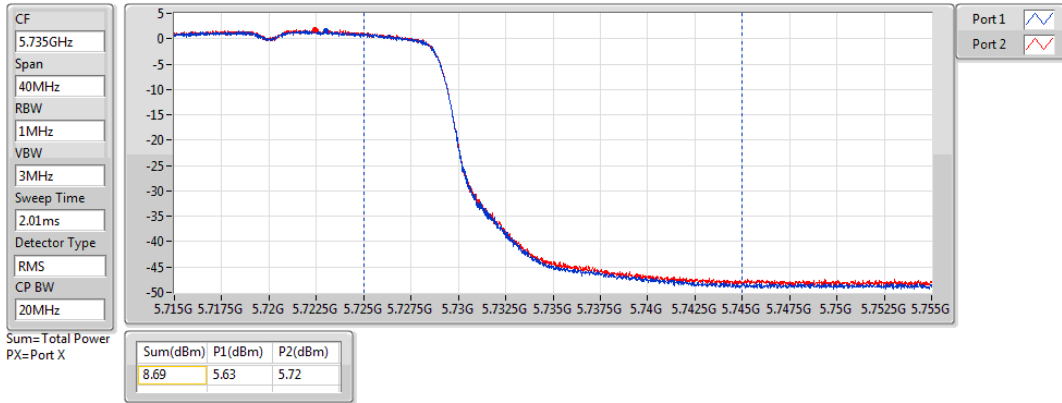
5720MHz Straddle 5.47-5.725GHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_2TX

AV Power

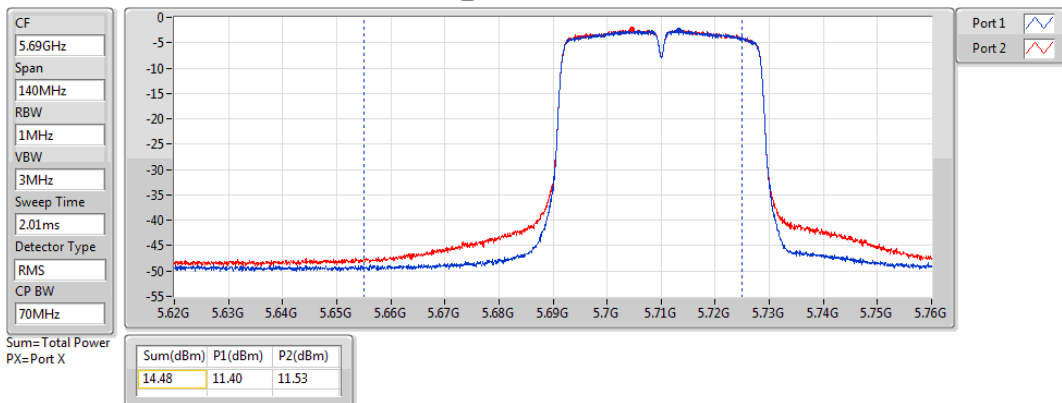
5720MHz Straddle 5.725-5.85GHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_2TX

AV Power

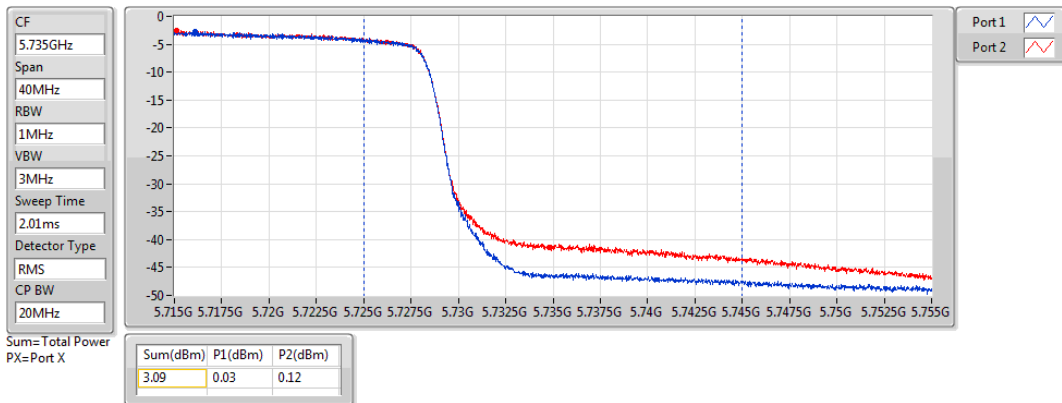
5710MHz Straddle 5.47-5.725GHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_2TX

AV Power

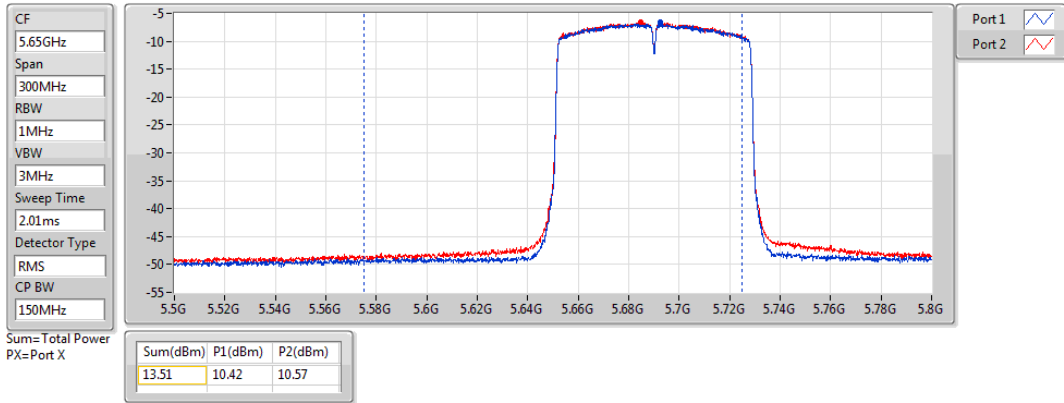
5710MHz Straddle 5.725-5.85GHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

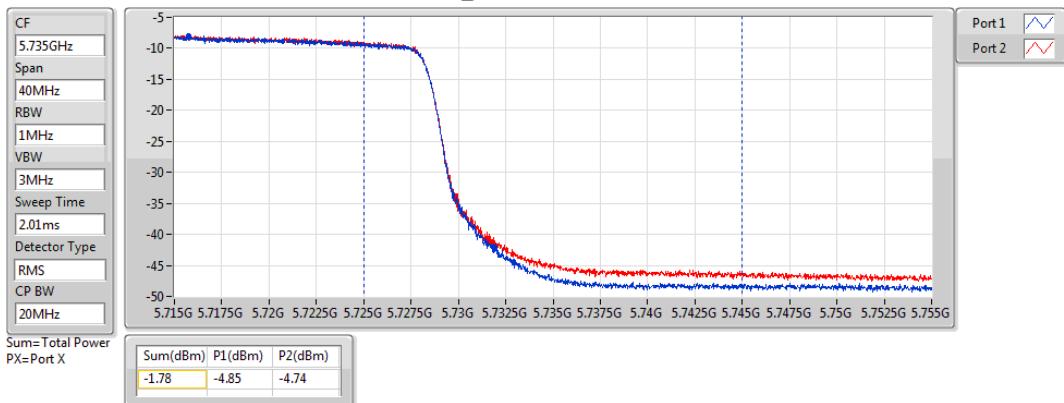
5690MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

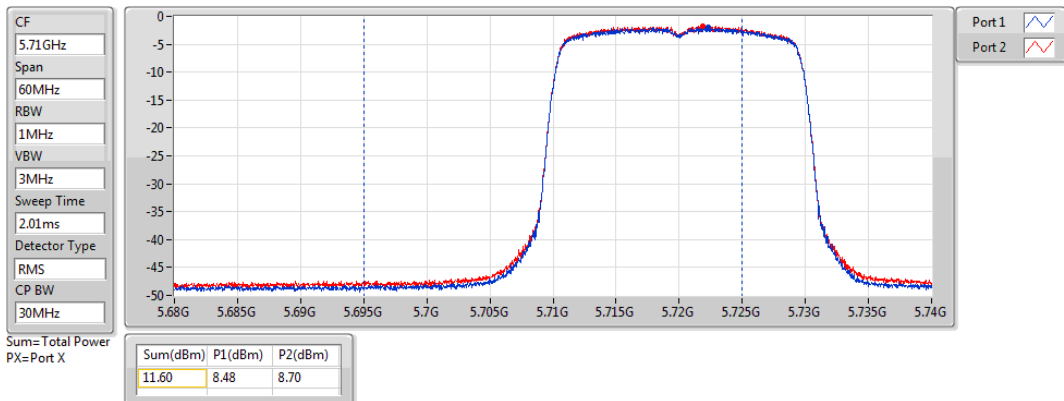
5690MHz Straddle 5.725-5.85GHz_TnomVnom



802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

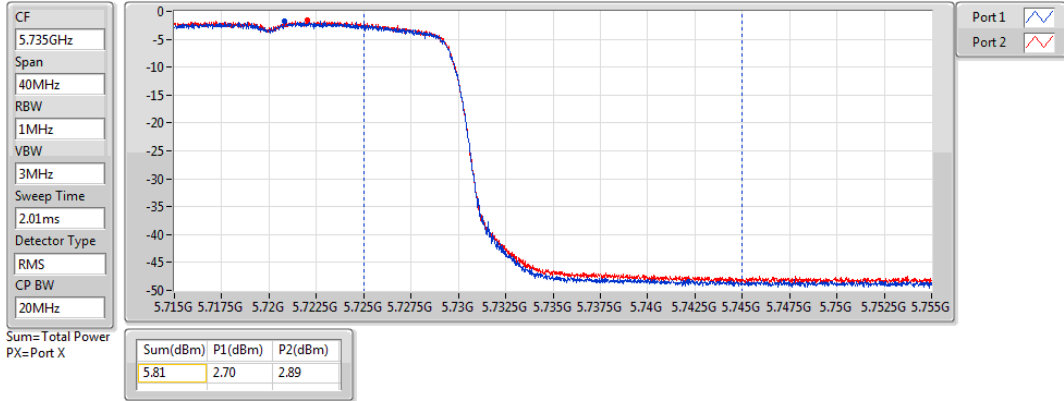
5720MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

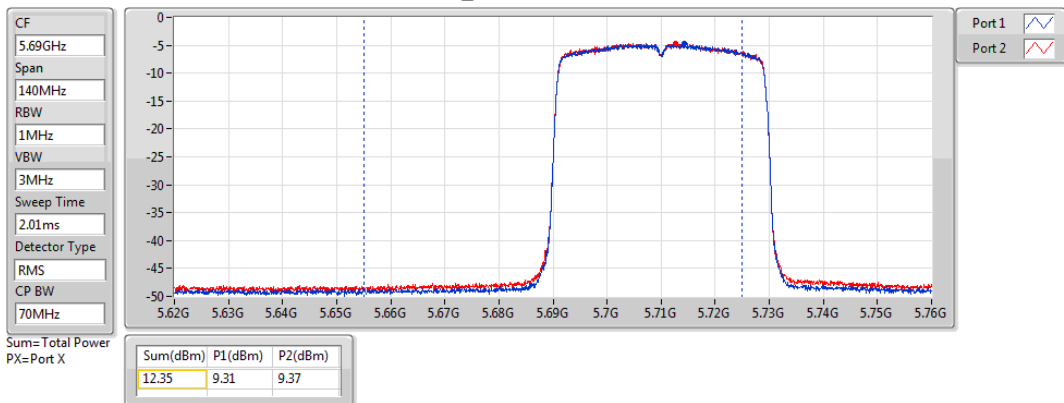
5720MHz Straddle 5.725-5.85GHz_TnomVnom



802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

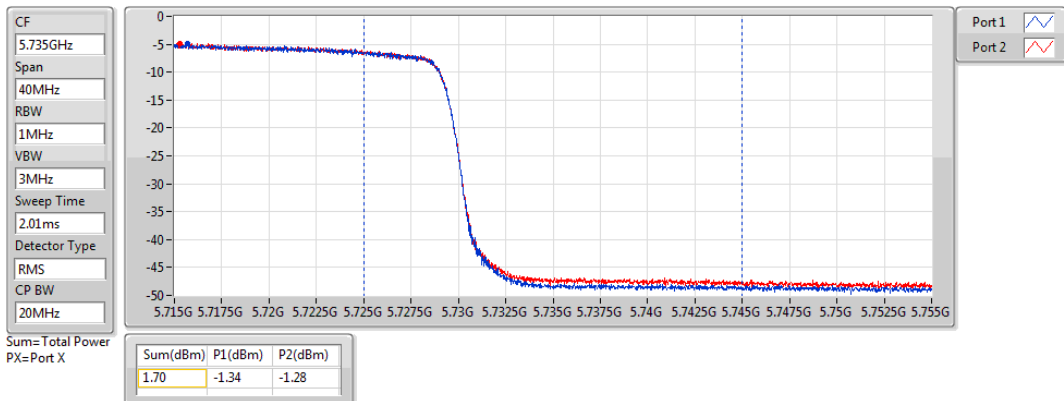
5710MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

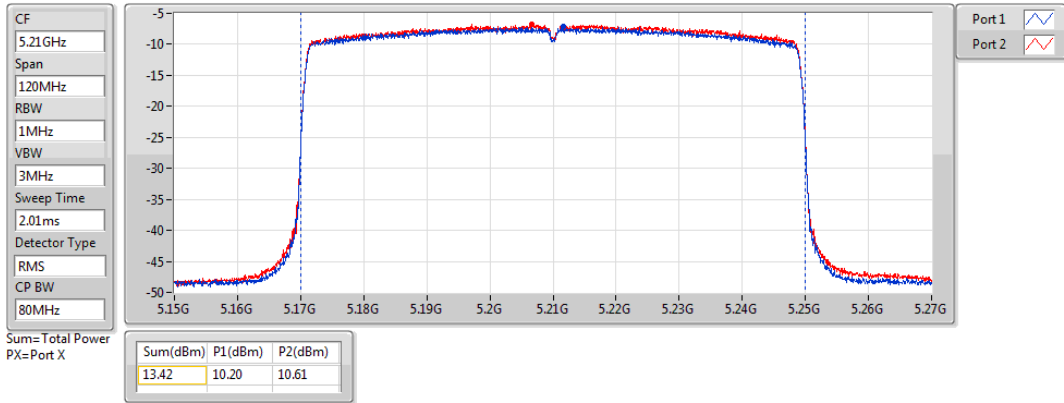
5710MHz Straddle 5.725-5.85GHz_TnomVnom



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

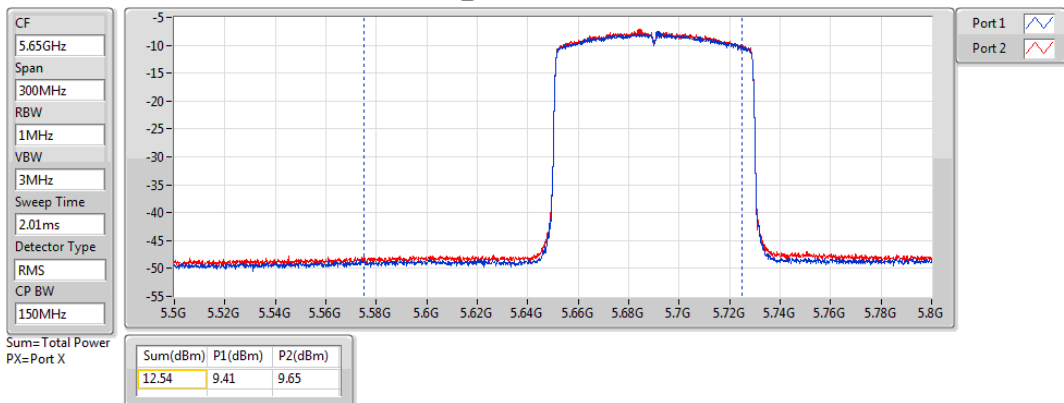
5210MHz_TnomVnom



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

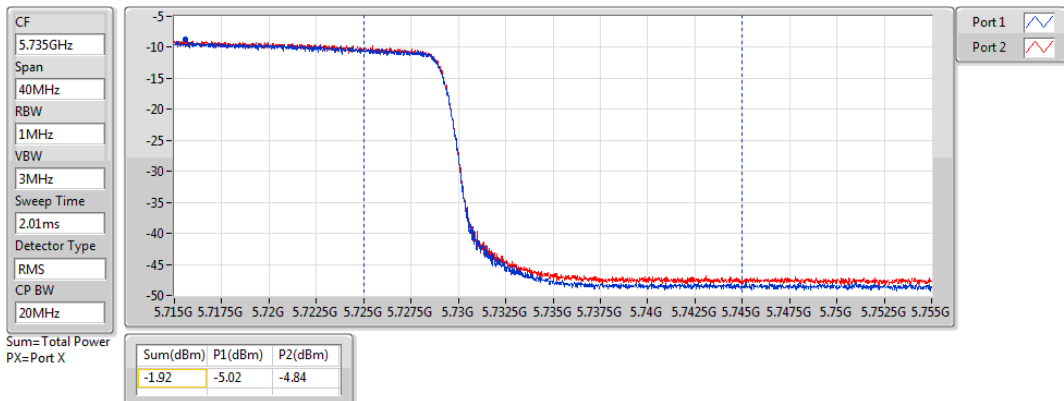
5690MHz Straddle 5.47-5.725GHz_TnomVnom



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	5.88	0.00387	1.88	0.00154
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	5.98	0.00396	1.98	0.00158
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	5.87	0.00386	1.87	0.00154
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	8.90	0.00776	4.90	0.00309
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.08	0.00809	5.08	0.00322
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	8.92	0.00780	4.92	0.00310
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	11.97	0.01574	7.97	0.00627
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	11.86	0.01535	7.86	0.00611
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	11.91	0.01552	7.91	0.00618
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	5.85	0.00385	1.85	0.00153
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	6.01	0.00399	2.01	0.00159
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	5.82	0.00382	1.82	0.00152
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	8.92	0.00780	4.92	0.00310
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	9.01	0.00796	5.01	0.00317
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	8.96	0.00787	4.96	0.00313
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	11.86	0.01535	7.86	0.00611
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	12.03	0.01596	8.03	0.00635
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	11.88	0.01542	7.88	0.00614
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	11.99	0.01581	7.99	0.00630
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	11.88	0.01542	7.88	0.00614
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	11.98	0.01578	7.98	0.00628
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	5.89	0.00388	1.89	0.00155
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	5.98	0.00396	1.98	0.00158
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	5.83	0.00383	1.83	0.00152
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	8.93	0.00782	4.93	0.00311

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	9.08	0.00809	5.08	0.00322
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	8.88	0.00773	4.88	0.00308
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	11.87	0.01538	7.87	0.00612
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	11.99	0.01581	7.99	0.00630
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	11.85	0.01531	7.85	0.00610
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	11.87	0.01538	7.87	0.00612
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	11.92	0.01556	7.92	0.00619
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	11.85	0.01531	7.85	0.00610
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	12.00	0.01585	8.00	0.00631
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	11.85	0.01531	7.85	0.00610
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	12.03	0.01596	8.03	0.00635
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	5.80	0.00380	1.80	0.00151
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	5.94	0.00393	1.94	0.00156
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	5.93	0.00392	1.93	0.00156
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	8.88	0.00773	4.88	0.00308
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.05	0.00804	5.05	0.00320
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	8.95	0.00785	4.95	0.00313
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	11.96	0.01570	7.96	0.00625
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	11.83	0.01524	7.83	0.00607
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	12.01	0.01589	8.01	0.00632
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	5.78	0.00378	1.78	0.00151
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	6.00	0.00398	2.00	0.00158
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	5.96	0.00394	1.96	0.00157
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	8.88	0.00773	4.88	0.00308
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	8.99	0.00793	4.99	0.00316
802.11ax	8.85	0.00767	4.85	0.00305

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
HEW40_RU52_Index44_Nss1,(MCS0)_2TX				
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	11.90	0.01549	7.90	0.00617
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	12.01	0.01589	8.01	0.00632
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	11.87	0.01538	7.87	0.00612
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	12.08	0.01614	8.08	0.00643
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	11.90	0.01549	7.90	0.00617
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	12.02	0.01592	8.02	0.00634
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	5.93	0.00392	1.93	0.00156
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	5.99	0.00397	1.99	0.00158
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	5.89	0.00388	1.89	0.00155
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	8.95	0.00785	4.95	0.00313
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	9.09	0.00811	5.09	0.00323
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	8.90	0.00776	4.90	0.00309
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	11.88	0.01542	7.88	0.00614
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	12.01	0.01589	8.01	0.00632
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	11.81	0.01517	7.81	0.00604
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	11.85	0.01531	7.85	0.00610
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	11.92	0.01556	7.92	0.00619
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	11.80	0.01514	7.80	0.00603
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	11.99	0.01581	7.99	0.00630
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	11.87	0.01538	7.87	0.00612
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	12.07	0.01611	8.07	0.00641
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	5.92	0.00391	1.92	0.00156
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	5.94	0.00393	1.94	0.00156
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	5.87	0.00386	1.87	0.00154
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	8.85	0.00767	4.85	0.00305

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.01	0.00796	5.01	0.00317
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	8.91	0.00778	4.91	0.00310
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	11.93	0.01560	7.93	0.00621
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	11.83	0.01524	7.83	0.00607
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	11.98	0.01578	7.98	0.00628
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	5.79	0.00379	1.79	0.00151
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	6.02	0.00400	2.02	0.00159
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	5.90	0.00389	1.90	0.00155
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	8.83	0.00764	4.83	0.00304
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	9.08	0.00809	5.08	0.00322
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	8.91	0.00778	4.91	0.00310
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	11.92	0.01556	7.92	0.00619
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	11.93	0.01560	7.93	0.00621
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	11.88	0.01542	7.88	0.00614
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	11.97	0.01574	7.97	0.00627
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	11.94	0.01563	7.94	0.00622
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	11.99	0.01581	7.99	0.00630
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	5.93	0.00392	1.93	0.00156
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	5.96	0.00394	1.96	0.00157
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	5.82	0.00382	1.82	0.00152
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	8.87	0.00771	4.87	0.00307
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	9.03	0.00800	5.03	0.00318
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	8.86	0.00769	4.86	0.00306
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	11.89	0.01545	7.89	0.00615
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	12.02	0.01592	8.02	0.00634
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	11.80	0.01514	7.80	0.00603

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	11.84	0.01528	7.84	0.00608
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	11.94	0.01563	7.94	0.00622
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	11.82	0.01521	7.82	0.00605
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	11.96	0.01570	7.96	0.00625
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	11.83	0.01524	7.83	0.00607
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	12.05	0.01603	8.05	0.00638
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-21.50	0.00001	-25.50	0.00000
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	-20.04	0.00001	-24.04	0.00000
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	5.90	0.00389	1.90	0.00155
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-18.62	0.00001	-22.62	0.00001
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-18.39	0.00001	-22.39	0.00001
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	8.75	0.00750	4.75	0.00299
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-15.41	0.00003	-19.41	0.00001
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	9.18	0.00828	5.18	0.00330
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	5.75	0.00376	1.75	0.00150
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-24.45	0.00000	-28.45	0.00000
802.11ax HEW40_RU26_Index9_Nss1,(MCS0)_2TX	-24.22	0.00000	-28.22	0.00000
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	5.66	0.00368	1.66	0.00147
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-22.69	0.00001	-26.69	0.00000
802.11ax HEW40_RU52_Index41_Nss1,(MCS0)_2TX	-22.00	0.00001	-26.00	0.00000
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	8.61	0.00726	4.61	0.00289
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-18.99	0.00001	-22.99	0.00001
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-19.50	0.00001	-23.50	0.00000
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	8.60	0.00724	4.60	0.00288
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-18.93	0.00001	-22.93	0.00001
802.11ax	4.83	0.00304	0.83	0.00121

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
HEW40_RU242_Index62_Nss1,(MCS0)_2TX				
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	1.89	0.00155	-2.11	0.00062
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-26.93	0.00000	-30.93	0.00000
802.11ax HEW80_RU26_Index18_Nss1,(MCS0)_2TX	-28.18	0.00000	-32.18	0.00000
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	5.63	0.00366	1.63	0.00146
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-24.42	0.00000	-28.42	0.00000
802.11ax HEW80_RU52_Index45_Nss1,(MCS0)_2TX	-25.28	0.00000	-29.28	0.00000
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	8.50	0.00708	4.50	0.00282
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-22.35	0.00001	-26.35	0.00000
802.11ax HEW80_RU106_Index57_Nss1,(MCS0)_2TX	-22.39	0.00001	-26.39	0.00000
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	8.40	0.00692	4.40	0.00275
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-22.34	0.00001	-26.34	0.00000
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-22.14	0.00001	-26.14	0.00000
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	4.86	0.00306	0.86	0.00122
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-22.50	0.00001	-26.50	0.00000
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	1.88	0.00154	-2.12	0.00061
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-1.25	0.00075	-5.25	0.00030

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	2.63	3.09	5.88	30.00	1.88	36
5200MHz	Pass	-4.00	2.67	3.05	5.87	30.00	1.87	36
5240MHz	Pass	-4.00	2.68	3.06	5.88	30.00	1.88	36
5260MHz	Pass	-4.00	2.61	2.96	5.80	23.7	1.80	29.7
5300MHz	Pass	-4.00	2.54	2.87	5.72	23.7	1.72	29.7
5320MHz	Pass	-4.00	2.59	2.81	5.71	23.68	1.71	29.68
5500MHz	Pass	-4.00	2.66	3.14	5.92	23.7	1.92	29.7
5580MHz	Pass	-4.00	2.66	3.15	5.92	23.72	1.92	29.72
5700MHz	Pass	-4.00	2.75	3.01	5.89	23.68	1.89	29.68
5720MHz	Pass	-4.00	2.73	2.95	5.85	inf	1.85	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	2.61	3.03	5.84	22.53	1.84	28.53
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	-25.15	-23.95	-21.50	30.00	-25.50	36
802.11ax HEW20_RU26_Index4_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	2.71	3.13	5.94	30.00	1.94	36
5200MHz	Pass	-4.00	2.79	3.14	5.98	30.00	1.98	36
5240MHz	Pass	-4.00	2.78	3.09	5.95	30.00	1.95	36
5260MHz	Pass	-4.00	2.74	3.03	5.90	23.7	1.90	29.7
5300MHz	Pass	-4.00	2.71	3.12	5.93	23.7	1.93	29.7
5320MHz	Pass	-4.00	2.78	3.08	5.94	23.68	1.94	29.68
5500MHz	Pass	-4.00	2.73	3.09	5.92	23.7	1.92	29.7
5580MHz	Pass	-4.00	2.74	3.11	5.94	23.72	1.94	29.72
5700MHz	Pass	-4.00	2.88	2.98	5.94	23.68	1.94	29.68
5720MHz	Pass	-4.00	2.86	3.05	5.97	inf	1.97	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	2.59	2.98	5.80	22.53	1.80	28.53
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	-23.54	-22.61	-20.04	30.00	-24.04	36
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	2.62	3.06	5.86	30.00	1.86	36
5200MHz	Pass	-4.00	2.65	3.06	5.87	30.00	1.87	36
5240MHz	Pass	-4.00	2.61	3.01	5.82	30.00	1.82	36
5260MHz	Pass	-4.00	2.66	2.91	5.80	23.7	1.80	29.7
5300MHz	Pass	-4.00	2.64	3.14	5.91	23.7	1.91	29.7
5320MHz	Pass	-4.00	2.67	3.16	5.93	23.68	1.93	29.68
5500MHz	Pass	-4.00	2.61	3.06	5.85	23.7	1.85	29.7
5580MHz	Pass	-4.00	2.62	3.05	5.85	23.72	1.85	29.72
5700MHz	Pass	-4.00	2.81	2.91	5.87	23.68	1.87	29.68
5720MHz	Pass	-4.00	2.89	2.98	5.95	inf	1.95	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	-17.44	-17.02	-14.21	22.53	-18.21	28.53

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	2.84	2.94	5.90	30.00	1.90	36
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	
5180MHz	Pass	-4.00	5.71	5.98	8.86	30.00	4.86	36
5200MHz	Pass	-4.00	5.7	5.91	8.82	30.00	4.82	36
5240MHz	Pass	-4.00	5.79	5.98	8.90	30.00	4.90	36
5260MHz	Pass	-4.00	5.73	5.92	8.84	23.9	4.84	29.9
5300MHz	Pass	-4.00	5.6	5.94	8.78	23.9	4.78	29.9
5320MHz	Pass	-4.00	5.7	6.04	8.88	23.91	4.88	29.91
5500MHz	Pass	-4.00	5.62	5.95	8.80	23.8	4.80	29.8
5580MHz	Pass	-4.00	5.61	5.91	8.77	23.9	4.77	29.9
5700MHz	Pass	-4.00	5.79	5.89	8.85	23.91	4.85	29.91
5720MHz	Pass	-4.00	5.78	5.91	8.86	inf	4.86	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	5.63	5.81	8.73	22.55	4.73	28.55
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	-21.66	-21.61	-18.62	30.00	-22.62	36
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	
5180MHz	Pass	-4.00	5.84	6.25	9.06	30.00	5.06	36
5200MHz	Pass	-4.00	5.85	6.27	9.08	30.00	5.08	36
5240MHz	Pass	-4.00	5.81	6.29	9.07	30.00	5.07	36
5260MHz	Pass	-4.00	5.82	6.25	9.05	23.9	5.05	29.9
5300MHz	Pass	-4.00	5.88	6.14	9.02	23.9	5.02	29.9
5320MHz	Pass	-4.00	5.84	6.15	9.01	23.91	5.01	29.91
5500MHz	Pass	-4.00	5.85	6.15	9.01	23.8	5.01	29.8
5580MHz	Pass	-4.00	5.85	6.11	8.99	23.9	4.99	29.9
5700MHz	Pass	-4.00	5.87	5.98	8.94	23.91	4.94	29.91
5720MHz	Pass	-4.00	5.84	5.94	8.9	inf	4.9	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	5.66	5.86	8.77	22.55	4.77	28.55
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	-21.61	-21.2	-18.39	30.00	-22.39	36
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	
5180MHz	Pass	-4.00	5.69	6.12	8.92	30.00	4.92	36
5200MHz	Pass	-4.00	5.66	6.13	8.91	30.00	4.91	36
5240MHz	Pass	-4.00	5.66	6.15	8.92	30.00	4.92	36
5260MHz	Pass	-4.00	5.63	6.13	8.90	23.9	4.90	29.9
5300MHz	Pass	-4.00	5.71	6.15	8.95	23.9	4.95	29.9
5320MHz	Pass	-4.00	5.75	6.12	8.95	23.91	4.95	29.91
5500MHz	Pass	-4.00	5.66	6.02	8.85	23.8	4.85	29.8
5580MHz	Pass	-4.00	5.71	6.06	8.90	23.9	4.90	29.9
5700MHz	Pass	-4.00	5.83	5.96	8.91	23.91	4.91	29.91
5720MHz	Pass	-4.00	5.82	5.91	8.88	inf	4.88	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	-11.95	-11.63	-8.78	22.55	-12.78	28.55
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	5.65	5.83	8.75	30.00	4.75	36

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	8.69	9.21	11.97	30.00	7.97	36.00
5200MHz	Pass	-4.00	8.71	9.08	11.91	30.00	7.91	36.00
5240MHz	Pass	-4.00	8.62	9.12	11.89	30.00	7.89	36.00
5260MHz	Pass	-4.00	8.75	9.15	11.96	24.00	7.96	30.00
5300MHz	Pass	-4.00	8.68	9.04	11.87	24.00	7.87	30.00
5320MHz	Pass	-4.00	8.74	9.09	11.93	24.00	7.93	30.00
5500MHz	Pass	-4.00	8.72	9.03	11.89	24.00	7.89	30.00
5580MHz	Pass	-4.00	8.78	9.06	11.93	24.00	7.93	30.00
5700MHz	Pass	-4.00	8.77	8.91	11.85	24.00	7.85	30.00
5720MHz	Pass	-4.00	8.86	8.92	11.9	inf	7.9	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	8.82	8.9	11.87	23.01	7.87	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	-18.45	-18.39	-15.41	30.00	-19.41	36.00
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	8.63	9.05	11.86	30.00	7.86	36.00
5200MHz	Pass	-4.00	8.68	9	11.85	30.00	7.85	36.00
5240MHz	Pass	-4.00	8.59	9.07	11.85	30.00	7.85	36.00
5260MHz	Pass	-4.00	8.55	9.05	11.82	24.00	7.82	30.00
5300MHz	Pass	-4.00	8.62	9.02	11.83	24.00	7.83	30.00
5320MHz	Pass	-4.00	8.58	9.02	11.82	24.00	7.82	30.00
5500MHz	Pass	-4.00	8.61	8.93	11.78	24.00	7.78	30.00
5580MHz	Pass	-4.00	8.63	8.95	11.80	24.00	7.80	30.00
5700MHz	Pass	-4.00	8.72	8.91	11.83	24.00	7.83	30.00
5720MHz	Pass	-4.00	8.72	8.85	11.8	inf	7.8	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	5.35	5.4	8.39	23.01	4.39	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	6.13	6.2	9.18	30.00	5.18	36.00
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	8.72	9.06	11.90	30.00	7.90	36.00
5200MHz	Pass	-4.00	8.76	9.04	11.91	30.00	7.91	36.00
5240MHz	Pass	-4.00	8.73	9.05	11.90	30.00	7.90	36.00
5260MHz	Pass	-4.00	8.71	9.02	11.88	24.00	7.88	30.00
5300MHz	Pass	-4.00	8.81	9.18	12.01	24.00	8.01	30.00
5320MHz	Pass	-4.00	8.8	9.06	11.94	24.00	7.94	30.00
5500MHz	Pass	-4.00	8.74	9.01	11.89	24.00	7.89	30.00
5580MHz	Pass	-4.00	8.75	9.02	11.90	24.00	7.90	30.00
5700MHz	Pass	-4.00	8.91	9.03	11.98	24.00	7.98	30.00
5720MHz	Pass	-4.00	8.94	8.99	11.98	inf	7.98	inf
5720MHz Straddle 5.47-5.725GHz	Pass	-4.00	7.73	7.82	10.79	23.10	6.79	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	-4.00	2.7	2.77	5.75	30.00	1.75	36.00
802.11ax	-	-	-	-	-	-	-	-