FCC Test Report

FCC ID	**: SK6-XH2240**
Equipment	**: Wireless Access Point**
Brand Name	**: riverbed**
Model Name	**: XH2240**
Applicant	**: RIVERBED TECHNOLOGY, INC. 680 Folsom Street San Francisco, California United States 94107**
Manufacturer	**: 1) Lite-On Network Communication (Dongguan) Limited 30#Keji Rd.,Yin Hu Industrial Area, Qingxi Town, DongGuan City, Guangdong, China 2) LiteOn Technology Corporation ZhuBei Plant 1F, No.20-1, Taiyuan St., Zhubei City, Hsinchu County 30288, Taiwan 3) LiteOn Technology Corporation No.37, Chung Yang Road, N.E.P.Z., Kaohsiung 81170, Taiwan**
Standard	**: 47 CFR FCC Part 15.407**

The product was received on Jul. 13, 2018, and testing was started from Aug. 15, 2018 and completed on Sep. 19, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR870620-01AN	01	Initial issue of report	Oct. 23, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Reviewed by: Sam Chen

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]

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

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

1.1.2 Antenna Information

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1~4	1~2	EAhison	EHS1GA260A	Omni-directional Antenna	N-Type
5~8	1~2	MTI	MT – 953019/NVHD	Dual Band & Quad Polarization Subscriber Antenna	N-Type
9	3	Walsin	RFDPA161300SBAB801	Omni-directional Antenna	MMCX
10		Yetnorson	TLB-2400-3800B	Omni-directional Antenna	MMCX

Ant.	Gain (dBi)		
	2.4G	5G	BT
1~4	2	2	-
5~8	10.23	12.14	-
9	-	-	2.3
10	-	-	2

Ant.	BF Gain (dBi)
	5G
1~4	8.02
5~8	18.16

Directional gain = $G_{ANT\ MAX}$ + 10 log(N_{ANT}/N_{SS}) dBi, where N_{SS} = the number of independent spatial streams of data and $G_{ANT\ MAX}$ is.the gain of the antenna having the highest gain (in dBi).

Note 1: Radio 1 and Radio 2 has two antenna configurations.
Note 2: Ant. 9 was declared to be tested by customer at Bluetooth function.

For 2.4GHz function:
For IEEE 802.11 b/g/n mode (4TX/4RX)
Configurations 1: Ant. 1 to Ant. 4 could transmit/receive simultaneously.
Configurations 2: Ant. 5 to Ant. 8 could transmit/receive simultaneously.

For 5GHz function:
For IEEE 802.11 a/n/ac mode (4TX/4RX)
Configurations 1: Ant. 1 to Ant. 4 could transmit/receive simultaneously.
Configurations 2: Ant. 5 to Ant. 8 could transmit/receive simultaneously.

For Bluetooth function:
For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 9 could transmit/receive simultaneously.

1.1.3 EUT Information

Identify EUT				
Operational Condition				
EUT Power Type	From PoE			
EUT Function	☒	Outdoor	☐	Indoor
	☐	Fixed P2P	☐	Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz

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

1.1.4 Mode Test Duty Cycle

Radio 1_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.975	0.11	1.929m	1k
802.11ac VHT40	0.965	0.155	946.875u	3k
802.11ac VHT80	0.923	0.348	454.688u	3k

Radio 2_Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.99	0.044	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.991	0.039	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.965	0.155	946.875u	3k
802.11ac VHT80	0.917	0.376	940.625u	3k

Radio 1_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.885	0.531	1.945m	1k
802.11ac VHT40-BF	0.908	0.419	2.789m	1k
802.11ac VHT80-BF	0.896	0.477	3.414m	300

Radio 2_Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.874	0.585	1.945m	1k
802.11ac VHT40-BF	0.901	0.453	2.791m	1k
802.11ac VHT80-BF	0.897	0.472	3.423m	300

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR870620AN
Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
UNII-2A and UNII-2C was added	All

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 789033 D02 v02r01
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Barry	23.3°C / 64%	19/Sep/2018
Radiated	03CH02-HY	Andy	23.7°C / 62%	14/Sep/2018

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Radio 1 Omni Antenna_Non-Beamforming

Test Software	Putty

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	63
5300MHz	63
5320MHz	62
5500MHz	65
5580MHz	67
5700MHz	66
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	65
5300MHz	65
5320MHz	65
5500MHz	68
5580MHz	70
5700MHz	69
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	73
5310MHz	64
5510MHz	63
5550MHz	74
5670MHz	76
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	52
5530MHz	62
5610MHz	77

Radio 1 Dual Antenna_Non-Beamforming

Test Software	Putty

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	19
5580MHz	21
5700MHz	20
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	21
5300MHz	20
5320MHz	21
5500MHz	24
5580MHz	26
5700MHz	25
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	35
5310MHz	35
5510MHz	37
5550MHz	40
5670MHz	41
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	38
5530MHz	38
5610MHz	49

Radio 2 Omni Antenna_Non-Beamforming

Test Software	Putty

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	66
5300MHz	65
5320MHz	65
5500MHz	65
5580MHz	64
5700MHz	63
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	66
5300MHz	66
5320MHz	65
5500MHz	65
5580MHz	65
5700MHz	64
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	73
5310MHz	72
5510MHz	67
5550MHz	71
5670MHz	68
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	68
5530MHz	65
5610MHz	70

Radio 2 Dual Antenna_Non-Beamforming

Test Software	Putty

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	24
5300MHz	24
5320MHz	21
5500MHz	24
5580MHz	24
5700MHz	22
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	26
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	23
5700MHz	20
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	38
5310MHz	36
5510MHz	36
5550MHz	36
5670MHz	34
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	49
5530MHz	46
5610MHz	45

Radio 1 Omni Antenna_Beamforming

Test Software	Putty

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	67
5300MHz	66
5320MHz	66
5500MHz	70
5580MHz	70
5700MHz	69
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	69
5310MHz	68
5510MHz	62
5550MHz	70
5670MHz	71
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	52
5530MHz	58
5610MHz	74

Radio 1 Dual Antenna_Beamforming

Test Software	Putty

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	22
5300MHz	22
5320MHz	21
5500MHz	25
5580MHz	24
5700MHz	25
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	23
5310MHz	23
5510MHz	24
5550MHz	24
5670MHz	25
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	24
5530MHz	26
5610MHz	27

Radio 2 Omni Antenna_Beamforming

Test Software	Putty

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	61
5300MHz	61
5320MHz	61
5500MHz	62
5580MHz	62
5700MHz	59
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	64
5310MHz	65
5510MHz	60
5550MHz	64
5670MHz	61
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	60
5530MHz	61
5610MHz	64

Radio 2 Dual Antenna_Beamforming

Test Software	Putty

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	22
5300MHz	22
5320MHz	22
5500MHz	22
5580MHz	22
5700MHz	19
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	24
5310MHz	24
5510MHz	24
5550MHz	24
5670MHz	20
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	24
5530MHz	22
5610MHz	22

2.3 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode_Non-Beamforming_Radio 1_Omni Antenna		
2	PoE mode_Non-Beamforming Radio 1_Dual Antenna		
3	PoE mode_Non-Beamforming _Radio 2_Omni Antenna		
4	PoE mode_Non-Beamforming_Radio 2_Dual Antenna		
5	PoE mode_Beamforming_Radio 1_Omni Antenna		
6	PoE mode_Beamforming Radio 1_Dual Antenna		
7	PoE mode_Beamforming _Radio 2_Omni Antenna		
8	PoE mode_Beamforming_Radio 2_Dual Antenna		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Radio 1 (2.4G)+ Radio 2(5G)+ Radio 3(BT)
2	Radio 1 (5G)+ Radio 2(5G)+ Radio 3(BT)
Refer to Sporton Test Report No.: FA870620-01 for Co-location RF Exposure Evaluation.	

2.4 Accessories and Support Equipment

Accessories		
Ground Wire	**Signal Line**	0.22 meter, non-shielded cable, w/o ferrite core

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

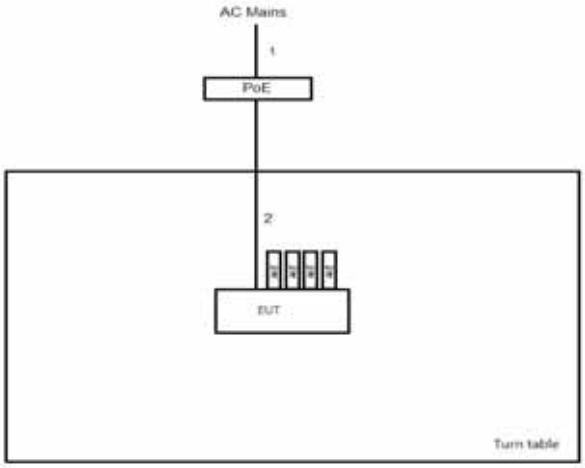
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DOC
2	Adapter for NB	DELL	HA65NM130	DOC
3	AC Power Source	GW	APS-9102	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE(remote)	XIRRUS	XP1-MSI-75	-

Note.Support equipment No.1 was provided by customer.

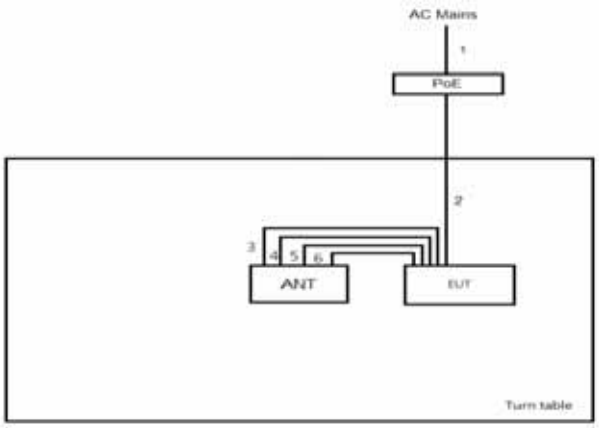
2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test - Omni Antenna



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.0	-
2	RJ45	No	10	-

Test Setup Diagram - Radiated Test - Dual Antenna



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.0	-
2	RJ45	No	10	-
3	N-TYPE Cable	No	1.2	-
4	N-TYPE Cable	No	1.2	-
5	N-TYPE Cable	No	1.2	-
6	N-TYPE Cable	No	1.2	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

3.1.2 Measuring Instruments

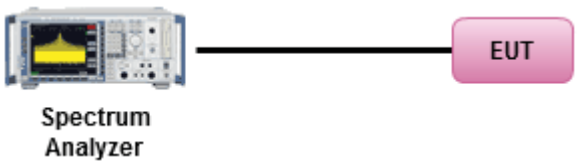
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

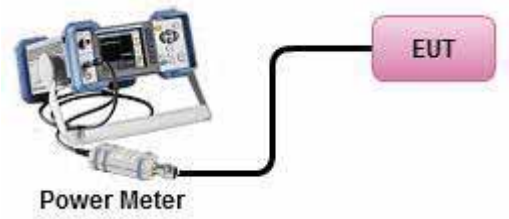
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

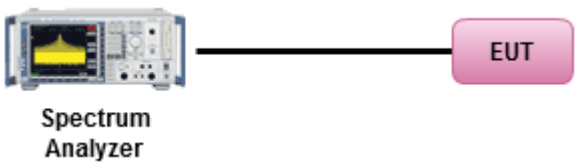
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

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

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

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

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

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

3.4.2 Measuring Instruments

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

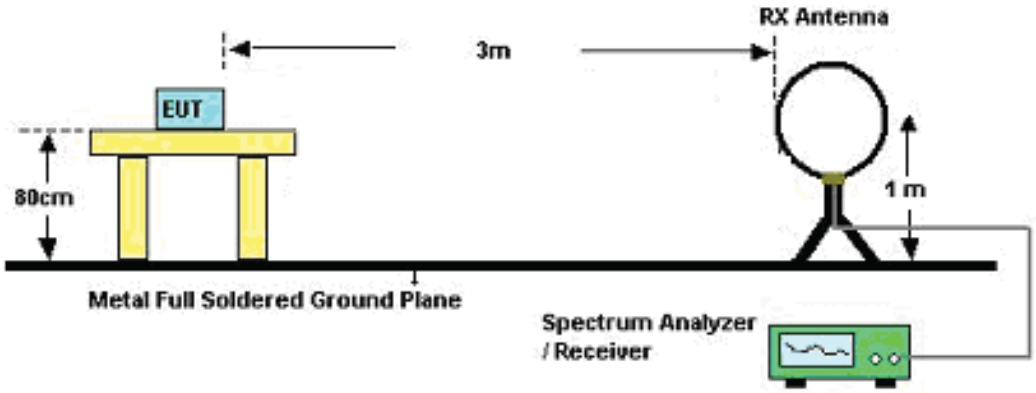
3.4.3 Test Procedures

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

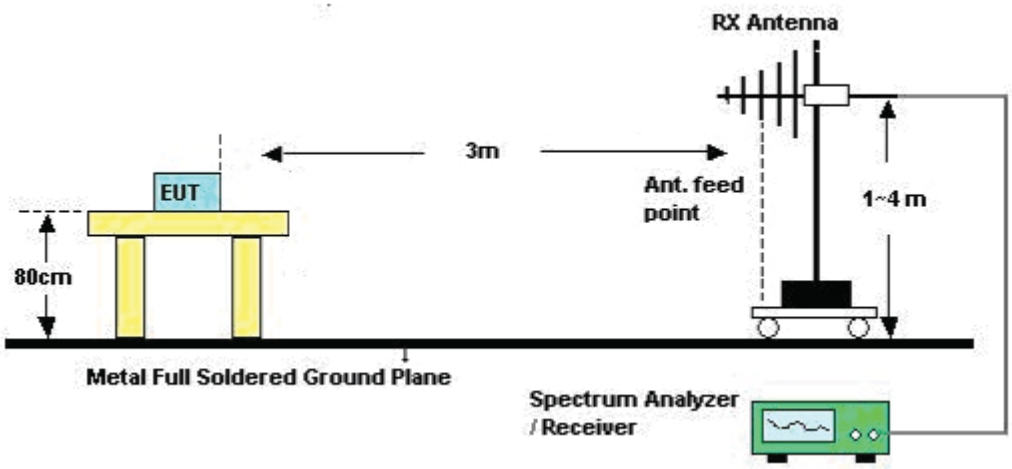
3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions

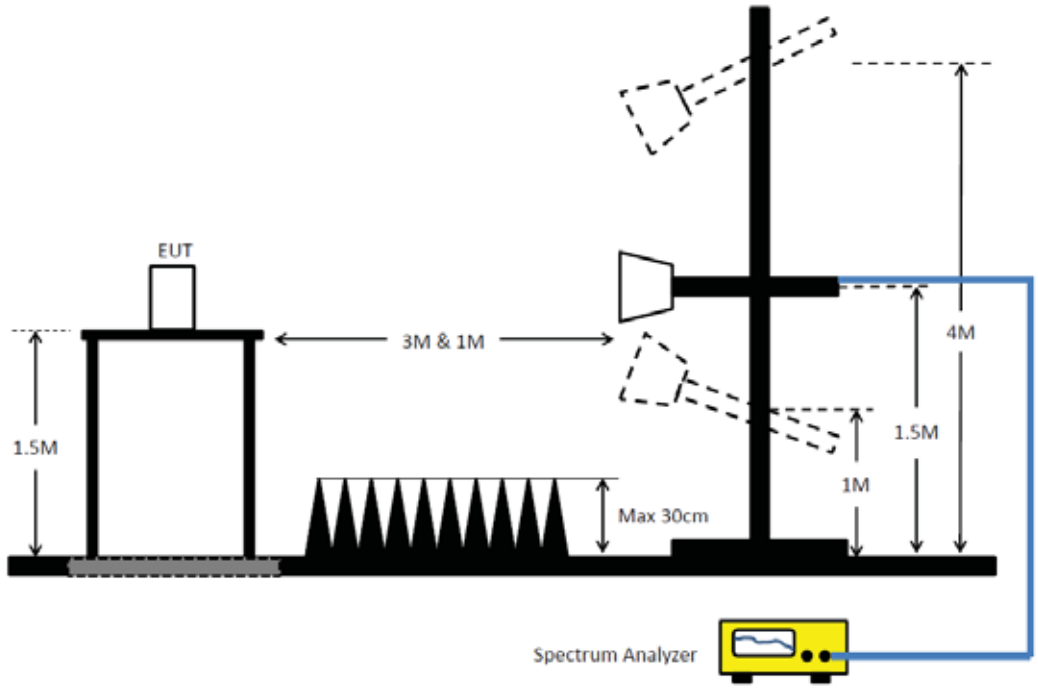
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	05/Feb/2018	04/Feb/2019
Signal Generator	R&S	SMB100A	175727	100kHz~40GHz	26/Oct/2017	25/Oct/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2018	10/Jan/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2018	10/Jan/2019
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	1G~18G	11/Jan/2018	10/Jan/2019

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	20/Oct/2017	19/Oct/2018
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	27/Oct/2017	26/Oct/2018
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	12/Dec/2017	11/Dec/2018
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100354	9kHz ~ 2.75GHz	08/Dec/2017	07/Dec/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	19/Jan/2018	18/Jan/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2018	18/Jan/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
Bilog Antenna	SCHAFFNER	CBL 6112B	2723	30MHz ~ 1GHz	09/Sep/2017	08/Sep/2018
Bilog Antenna & 5db Attenuator	SCHAFFNER/MTJ	CBL6112D / MTJ6102-05	2678 / 001	30 MHz ~ 2 GHz	07/Jul/2018	06/Jul/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/2018	05/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	31/Aug/2017	30/Aug/2018

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.675M	16.617M	16M6D1D	21.45M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	23.35M	17.816M	17M8D1D	21.725M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	66.6M	36.382M	36M4D1D	39.75M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.3M	75.862M	75M9D1D	81.6M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.775M	16.667M	16M7D1D	21.475M	16.567M
802.11ac VHT20_Nss1,(MCS0)_4TX	26.925M	17.791M	17M8D1D	21.625M	17.741M
802.11ac VHT40_Nss1,(MCS0)_4TX	70.65M	36.432M	36M4D1D	39.75M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	149M	76.162M	76M2D1D	81.4M	75.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

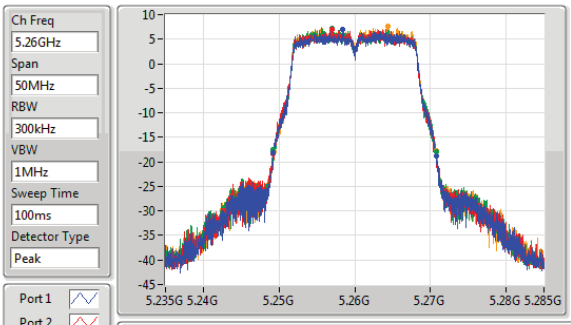
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.575M	16.592M	21.575M	16.542M	21.5M	16.517M	21.5M	16.617M
5300MHz	Pass	Inf	21.625M	16.617M	21.45M	16.542M	21.55M	16.567M	21.575M	16.592M
5320MHz	Pass	Inf	21.675M	16.567M	21.575M	16.542M	21.45M	16.567M	21.475M	16.617M
5500MHz	Pass	Inf	21.6M	16.592M	21.475M	16.567M	21.625M	16.617M	21.55M	16.592M
5580MHz	Pass	Inf	21.6M	16.667M	21.55M	16.642M	21.775M	16.617M	21.475M	16.567M
5700MHz	Pass	Inf	21.6M	16.592M	21.55M	16.642M	21.675M	16.592M	21.7M	16.592M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.025M	17.766M	22.025M	17.741M	21.875M	17.766M	23.125M	17.741M
5300MHz	Pass	Inf	23.25M	17.766M	22.05M	17.741M	21.8M	17.716M	23.35M	17.816M
5320MHz	Pass	Inf	22.7M	17.741M	21.725M	17.791M	22.05M	17.716M	21.825M	17.741M
5500MHz	Pass	Inf	21.975M	17.766M	21.65M	17.791M	26.775M	17.791M	22M	17.741M
5580MHz	Pass	Inf	22.75M	17.791M	21.625M	17.766M	26.375M	17.791M	26.925M	17.741M
5700MHz	Pass	Inf	22.05M	17.791M	22.3M	17.741M	25.825M	17.791M	21.9M	17.791M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	65.8M	36.282M	66.6M	36.382M	66.4M	36.382M	64.05M	36.332M
5310MHz	Pass	Inf	47.75M	36.232M	39.75M	36.232M	46.4M	36.232M	39.95M	36.232M
5510MHz	Pass	Inf	40.35M	36.232M	39.75M	36.232M	40.25M	36.232M	39.75M	36.332M
5550MHz	Pass	Inf	68.05M	36.232M	68.55M	36.332M	69.35M	36.432M	67M	36.382M
5670MHz	Pass	Inf	65.15M	36.332M	66.55M	36.282M	70.65M	36.332M	65.55M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.3M	75.862M	81.8M	75.762M	81.6M	75.762M	81.7M	75.662M
5530MHz	Pass	Inf	82.3M	75.962M	82.6M	75.862M	81.7M	75.762M	81.4M	75.862M
5610MHz	Pass	Inf	141.6M	75.962M	129.4M	76.162M	149M	75.962M	141.6M	76.062M

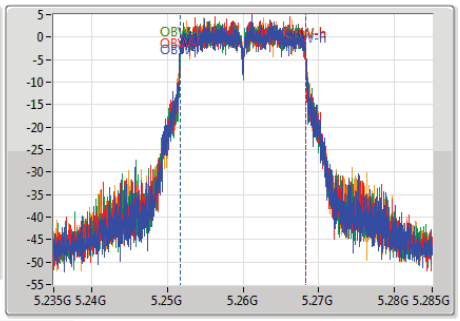
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

04/09/2018



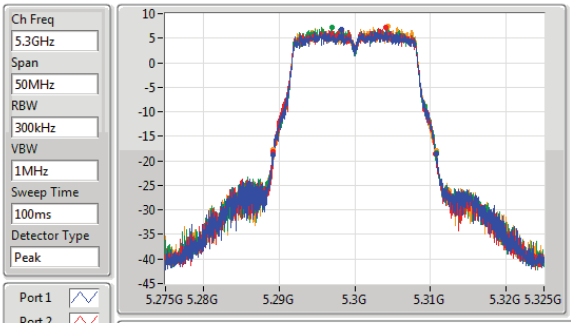


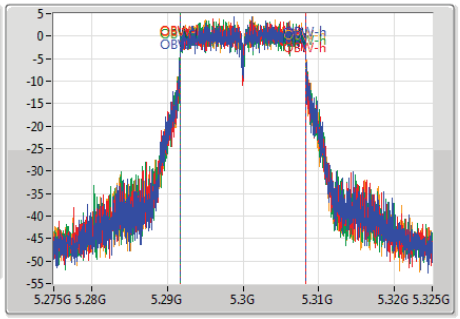
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.2492G	5.270775G	16.592M	5.251704G	5.268296G	Inf	1
21.575M	5.249175G	5.27075G	16.542M	5.251704G	5.268246G	Inf	2
21.5M	5.24925G	5.27075G	16.517M	5.251754G	5.268271G	Inf	3
21.5M	5.249325G	5.270825G	16.617M	5.251704G	5.268321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

04/09/2018



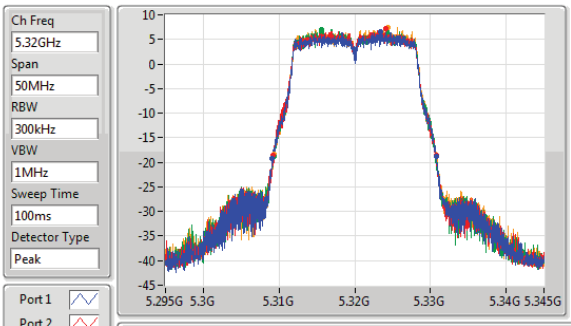


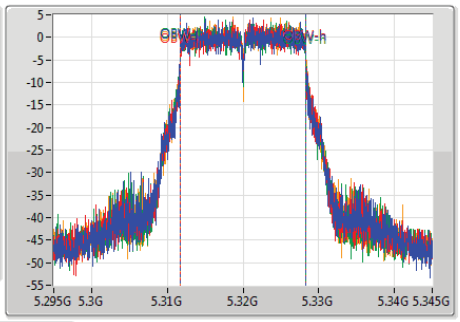
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.28915G	5.310775G	16.617M	5.291679G	5.308296G	Inf	1
21.45M	5.28925G	5.3107G	16.542M	5.291729G	5.308271G	Inf	2
21.55M	5.289225G	5.310775G	16.567M	5.291704G	5.308271G	Inf	3
21.575M	5.289275G	5.31085G	16.592M	5.291729G	5.308321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

04/09/2018



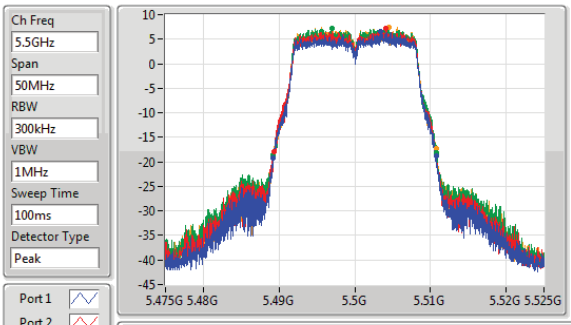


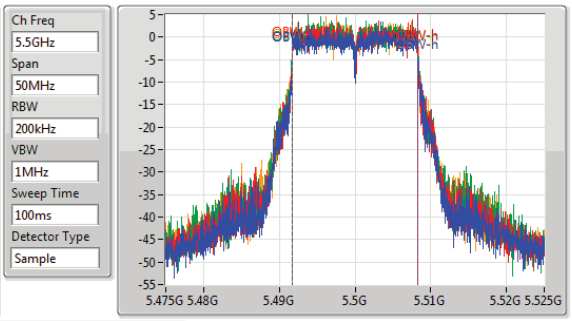
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.309125G	5.3308G	16.567M	5.311729G	5.328296G	Inf	1
21.575M	5.30915G	5.330725G	16.542M	5.311729G	5.328271G	Inf	2
21.45M	5.309325G	5.330775G	16.567M	5.311704G	5.328271G	Inf	3
21.475M	5.3093G	5.330775G	16.617M	5.311704G	5.328321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

04/09/2018



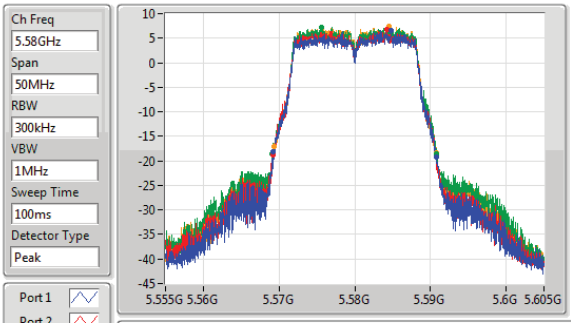


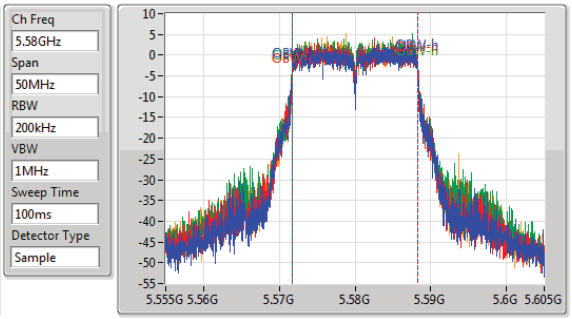
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.489175G	5.510775G	16.592M	5.491754G	5.508346G	Inf	1
21.475M	5.4893G	5.510775G	16.567M	5.491754G	5.508321G	Inf	2
21.625M	5.489175G	5.5108G	16.617M	5.491704G	5.508321G	Inf	3
21.55M	5.489225G	5.510775G	16.592M	5.491729G	5.508321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

04/09/2018



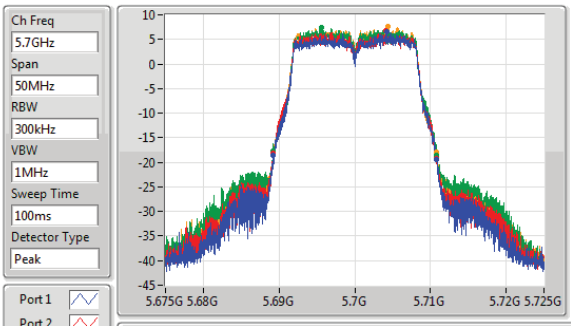


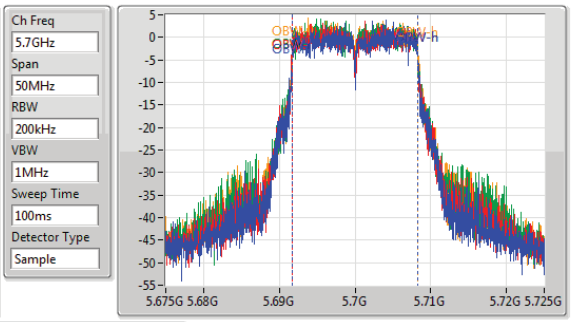
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.569225G	5.590825G	16.667M	5.571679G	5.588346G	Inf	1
21.55M	5.569225G	5.590775G	16.642M	5.571679G	5.588321G	Inf	2
21.775M	5.56905G	5.590825G	16.617M	5.571679G	5.588296G	Inf	3
21.475M	5.5693G	5.590775G	16.567M	5.571729G	5.588296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

04/09/2018



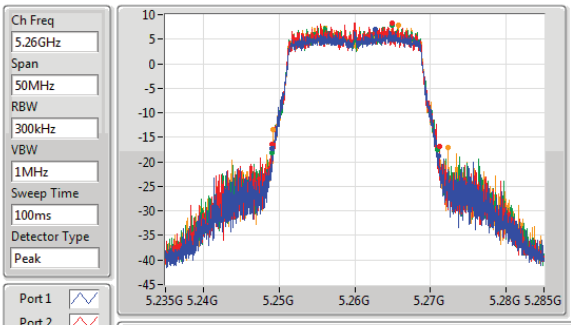


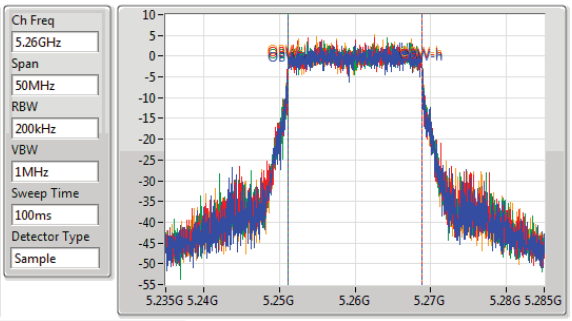
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.68925G	5.71085G	16.592M	5.691729G	5.708321G	Inf	1
21.55M	5.68925G	5.7108G	16.642M	5.691679G	5.708321G	Inf	2
21.675M	5.68915G	5.710825G	16.592M	5.691704G	5.708296G	Inf	3
21.7M	5.68915G	5.71085G	16.592M	5.691729G	5.708321G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

04/09/2018



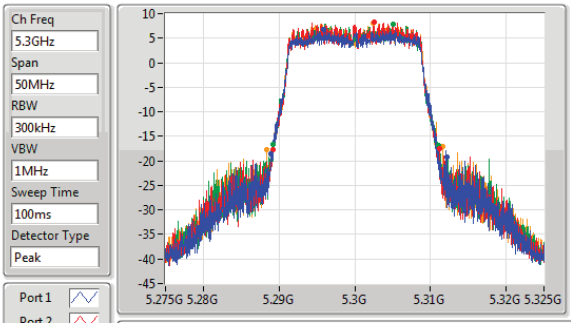


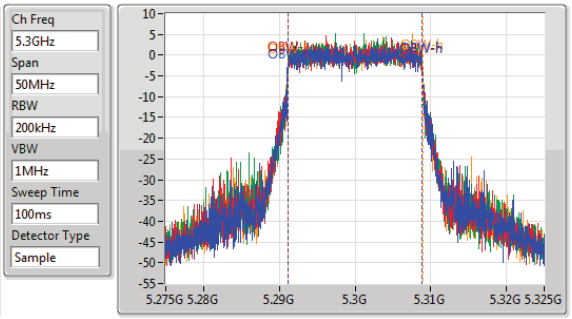
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.025M	5.24905G	5.271075G	17.766M	5.251129G	5.268896G	Inf	1
22.025M	5.249125G	5.27115G	17.741M	5.251129G	5.268871G	Inf	2
21.875M	5.249075G	5.27095G	17.766M	5.251129G	5.268896G	Inf	3
23.125M	5.2492G	5.272325G	17.741M	5.251129G	5.268871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

04/09/2018



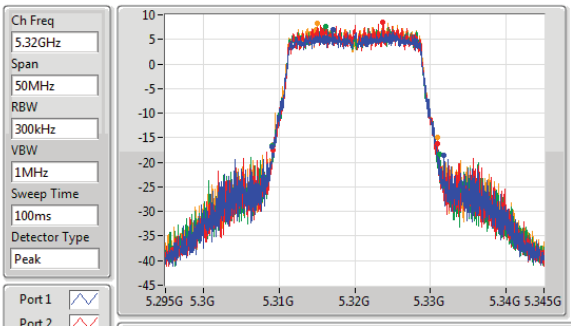


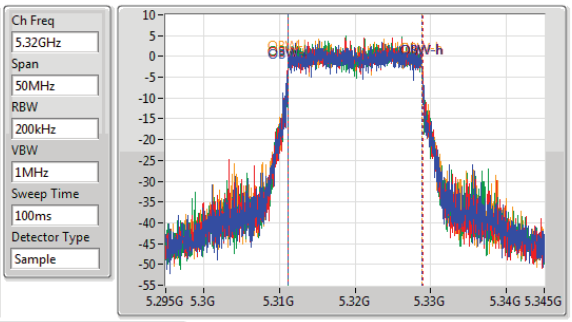
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.25M	5.28895G	5.3122G	17.766M	5.291129G	5.308896G	Inf	1
22.05M	5.28915G	5.3112G	17.741M	5.291129G	5.308871G	Inf	2
21.8M	5.28925G	5.31105G	17.716M	5.291129G	5.308846G	Inf	3
23.35M	5.288325G	5.311675G	17.816M	5.291104G	5.308921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

04/09/2018



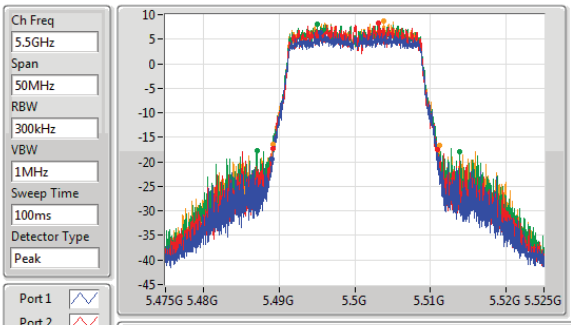


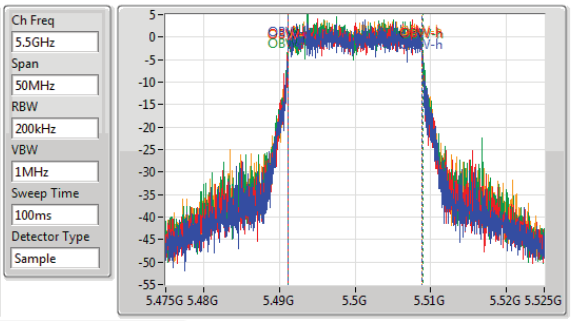
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.7M	5.309075G	5.331775G	17.741M	5.311129G	5.328871G	Inf	1
21.725M	5.309175G	5.3309G	17.791M	5.311129G	5.328921G	Inf	2
22.05M	5.3091G	5.33115G	17.716M	5.311154G	5.328871G	Inf	3
21.825M	5.309075G	5.3309G	17.741M	5.311129G	5.328871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

04/09/2018



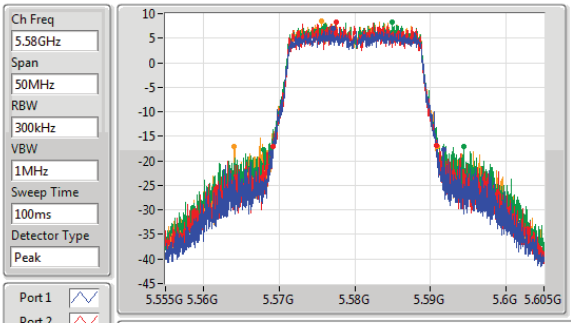


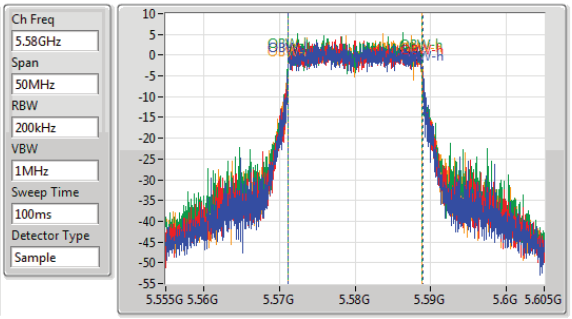
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.975M	5.489075G	5.51105G	17.766M	5.491129G	5.508896G	Inf	1
21.65M	5.489225G	5.510875G	17.791M	5.491104G	5.508896G	Inf	2
26.775M	5.48715G	5.513925G	17.791M	5.491129G	5.508921G	Inf	3
22M	5.4892G	5.5112G	17.741M	5.491129G	5.508871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

04/09/2018



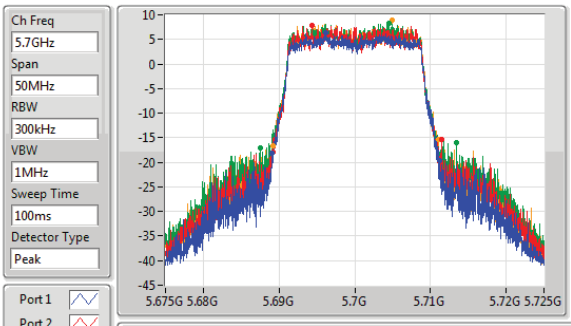


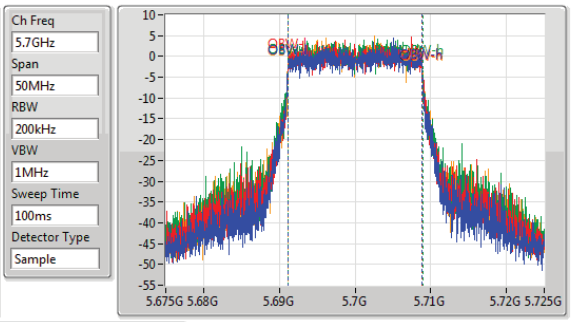
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.75M	5.56895G	5.5917G	17.791M	5.571129G	5.588921G	Inf	1
21.625M	5.5692G	5.590825G	17.766M	5.571154G	5.588921G	Inf	2
26.375M	5.568G	5.594375G	17.791M	5.571104G	5.588896G	Inf	3
26.925M	5.56405G	5.590975G	17.741M	5.571129G	5.588871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

04/09/2018



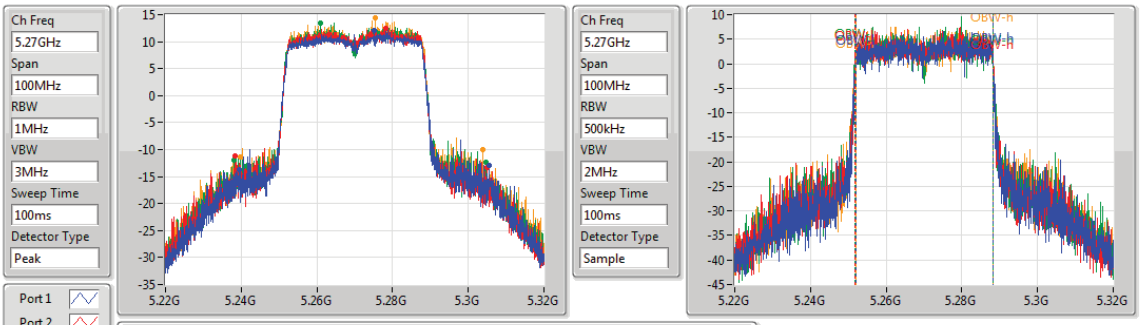


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.05M	5.689125G	5.711175G	17.791M	5.691104G	5.708896G	Inf	1
22.3M	5.689175G	5.711475G	17.741M	5.691154G	5.708896G	Inf	2
25.825M	5.687575G	5.7134G	17.791M	5.691129G	5.708921G	Inf	3
21.9M	5.68915G	5.71105G	17.791M	5.691129G	5.708921G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

04/09/2018

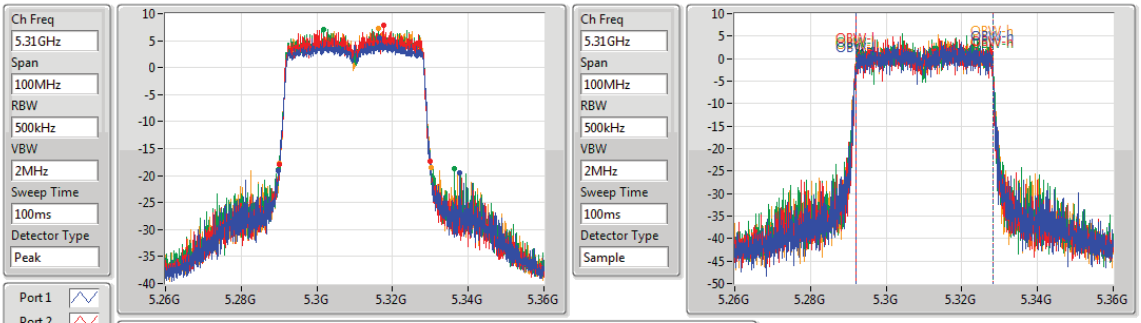


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.8M	5.2396G	5.3054G	36.282M	5.251909G	5.288191G	Inf	1
66.6M	5.23845G	5.30505G	36.382M	5.251859G	5.288241G	Inf	2
66.4M	5.2382G	5.3046G	36.382M	5.251809G	5.288191G	Inf	3
64.05M	5.2397G	5.30375G	36.332M	5.251909G	5.288241G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

04/09/2018

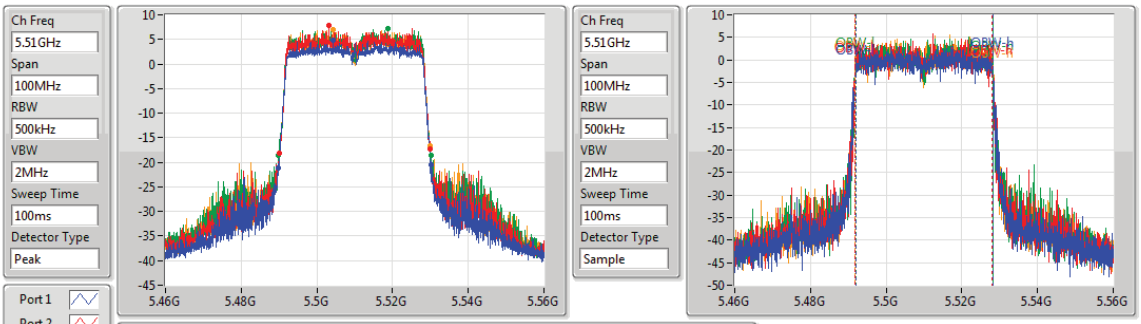


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.75M	5.28985G	5.3376G	36.232M	5.291909G	5.328141G	Inf	1
39.75M	5.2901G	5.32985G	36.232M	5.291909G	5.328141G	Inf	2
46.4M	5.2899G	5.3363G	36.232M	5.291909G	5.328141G	Inf	3
39.95M	5.29015G	5.3301G	36.232M	5.291909G	5.328141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

04/09/2018

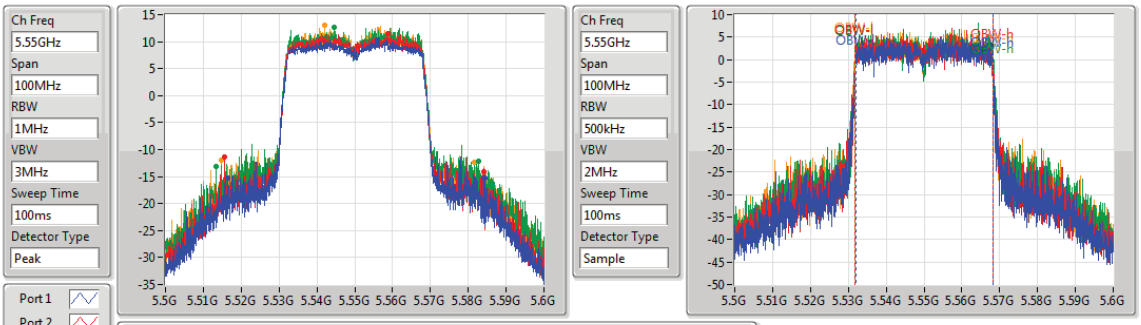


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.4898G	5.53015G	36.232M	5.491909G	5.528141G	Inf	1
39.75M	5.49015G	5.5299G	36.232M	5.491859G	5.528091G	Inf	2
40.25M	5.4899G	5.53015G	36.232M	5.491909G	5.528141G	Inf	3
39.75M	5.4902G	5.52995G	36.332M	5.491859G	5.528191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

04/09/2018

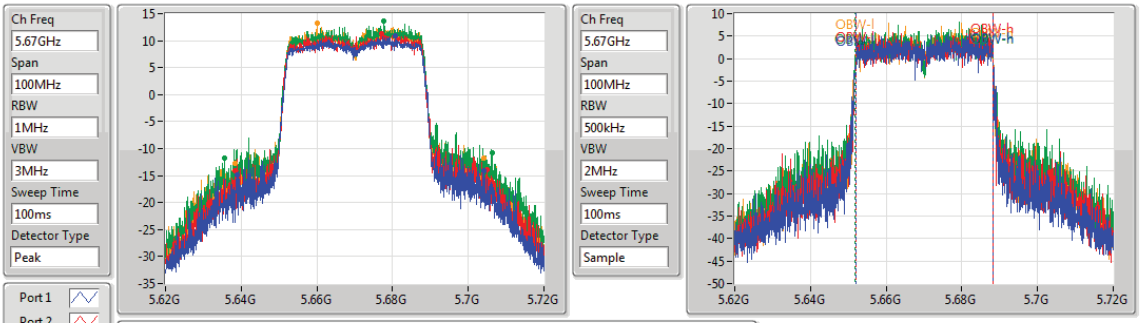


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
68.05M	5.51645G	5.5845G	36.232M	5.531909G	5.568141G	Inf	1
68.55M	5.51565G	5.5842G	36.332M	5.531809G	5.568141G	Inf	2
69.35M	5.5134G	5.58275G	36.432M	5.531859G	5.568291G	Inf	3
67M	5.5147G	5.5817G	36.382M	5.531809G	5.568191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

04/09/2018

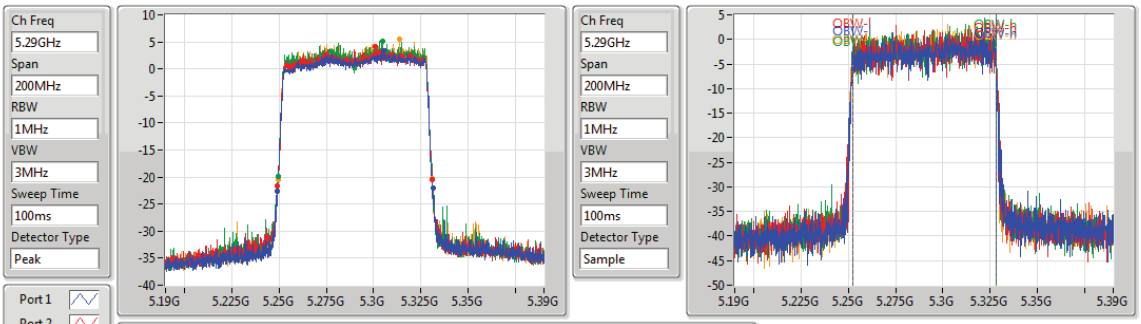


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.15M	5.6389G	5.70405G	36.332M	5.651909G	5.688241G	Inf	1
66.55M	5.63845G	5.705G	36.282M	5.651909G	5.688191G	Inf	2
70.65M	5.6356G	5.70625G	36.332M	5.651859G	5.688191G	Inf	3
65.55M	5.63845G	5.704G	36.282M	5.651909G	5.688191G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/09/2018

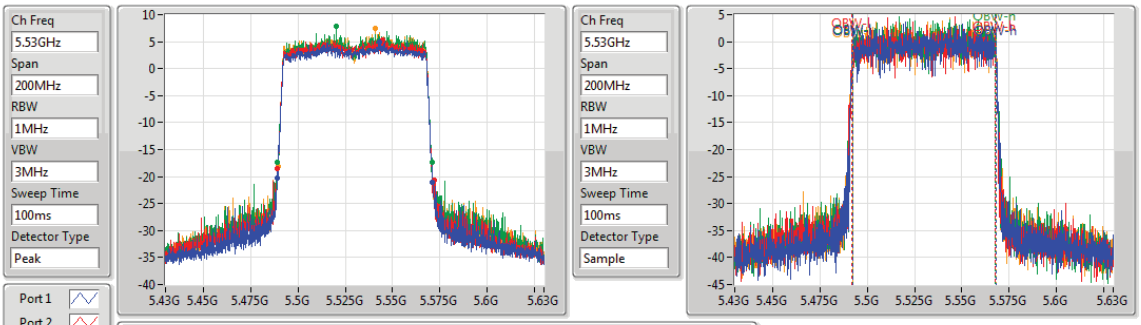


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.2491G	5.3314G	75.862M	5.252119G	5.327981G	Inf	1
81.8M	5.2491G	5.3309G	75.762M	5.252219G	5.327981G	Inf	2
81.6M	5.2494G	5.331G	75.762M	5.252219G	5.327981G	Inf	3
81.7M	5.2494G	5.3311G	75.662M	5.252319G	5.327981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

5530MHz

04/09/2018

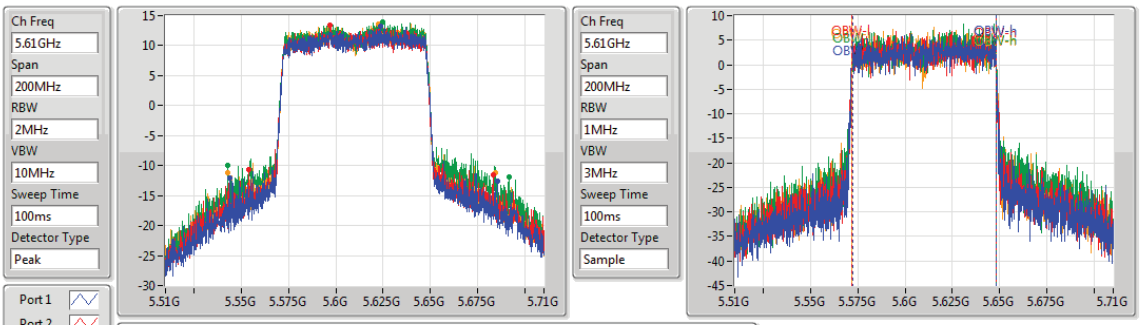


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.4889G	5.5712G	75.962M	5.492119G	5.568081G	Inf	1
82.6M	5.4892G	5.5718G	75.862M	5.492019G	5.567881G	Inf	2
81.7M	5.4892G	5.5709G	75.762M	5.492119G	5.567881G	Inf	3
81.4M	5.4894G	5.5708G	75.862M	5.492119G	5.567981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

5610MHz

04/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
141.6M	5.5438G	5.6854G	75.962M	5.572119G	5.648081G	Inf	1
129.4M	5.554G	5.6834G	76.162M	5.571919G	5.648081G	Inf	2
149M	5.5428G	5.6918G	75.962M	5.572119G	5.648081G	Inf	3
141.6M	5.5429G	5.6845G	76.062M	5.572019G	5.648081G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.8M	16.617M	16M6D1D	21.375M	16.542M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.925M	17.816M	17M8D1D	21.4M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.25M	36.282M	36M3D1D	39.75M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	82M	75.862M	75M9D1D	81M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.725M	16.667M	16M7D1D	21.425M	16.567M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.925M	17.791M	17M8D1D	21.25M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.5M	36.282M	36M3D1D	39.55M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.2M	75.962M	76M0D1D	81.2M	75.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

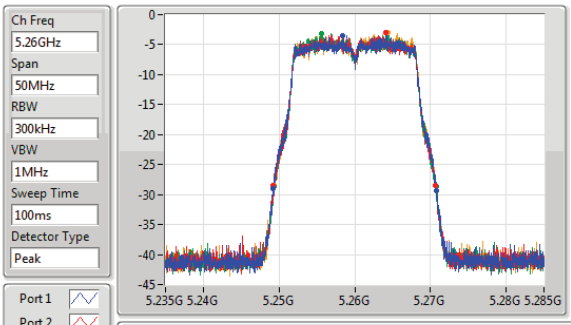
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.675M	16.592M	21.45M	16.617M	21.375M	16.567M	21.425M	16.542M
5300MHz	Pass	Inf	21.8M	16.617M	21.575M	16.567M	21.525M	16.592M	21.45M	16.542M
5320MHz	Pass	Inf	21.675M	16.592M	21.625M	16.617M	21.65M	16.592M	21.475M	16.567M
5500MHz	Pass	Inf	21.575M	16.642M	21.475M	16.667M	21.425M	16.617M	21.475M	16.567M
5580MHz	Pass	Inf	21.425M	16.617M	21.525M	16.667M	21.625M	16.592M	21.55M	16.617M
5700MHz	Pass	Inf	21.725M	16.642M	21.525M	16.567M	21.5M	16.617M	21.425M	16.592M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.925M	17.741M	21.525M	17.716M	21.625M	17.716M	21.525M	17.766M
5300MHz	Pass	Inf	21.65M	17.716M	21.525M	17.766M	21.675M	17.741M	21.675M	17.716M
5320MHz	Pass	Inf	21.875M	17.766M	21.475M	17.766M	21.4M	17.741M	21.65M	17.816M
5500MHz	Pass	Inf	21.925M	17.766M	21.25M	17.741M	21.9M	17.741M	21.6M	17.741M
5580MHz	Pass	Inf	21.8M	17.741M	21.45M	17.766M	21.725M	17.791M	21.575M	17.766M
5700MHz	Pass	Inf	21.85M	17.791M	21.45M	17.716M	21.675M	17.716M	21.525M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.25M	36.282M	40M	36.232M	39.85M	36.232M	39.95M	36.282M
5310MHz	Pass	Inf	40.25M	36.232M	40.05M	36.282M	40M	36.232M	39.75M	36.232M
5510MHz	Pass	Inf	40.4M	36.182M	39.55M	36.282M	39.95M	36.232M	39.95M	36.282M
5550MHz	Pass	Inf	40.35M	36.282M	39.55M	36.232M	39.85M	36.282M	39.95M	36.282M
5670MHz	Pass	Inf	40.5M	36.282M	39.65M	36.282M	39.85M	36.182M	39.85M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82M	75.662M	81.7M	75.762M	81M	75.662M	81.6M	75.862M
5530MHz	Pass	Inf	82.2M	75.862M	82M	75.962M	81.2M	75.762M	81.3M	75.862M
5610MHz	Pass	Inf	82.1M	75.862M	81.5M	75.962M	81.6M	75.662M	81.4M	75.962M

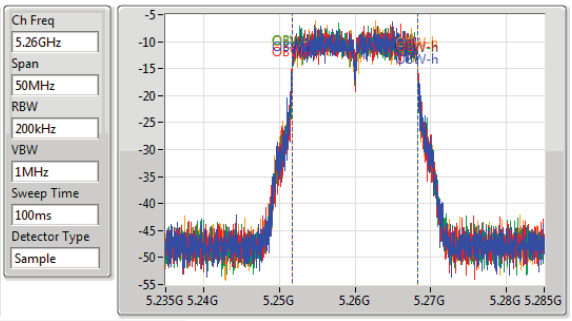
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

04/09/2018



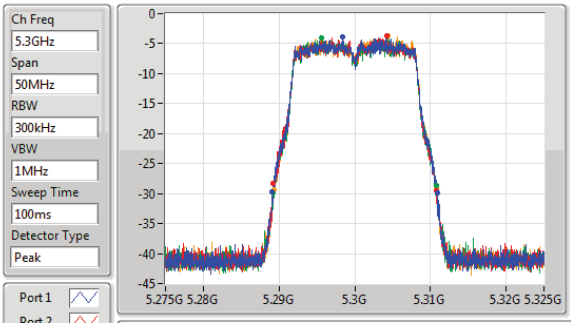


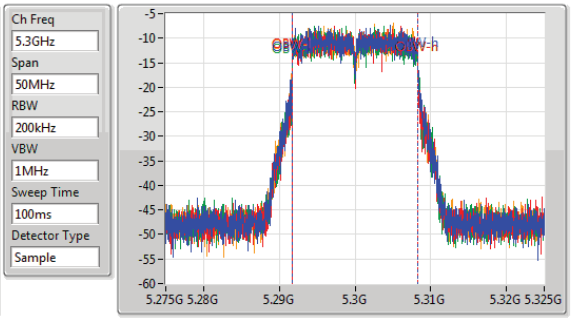
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.249175G	5.27085G	16.592M	5.251729G	5.268321G	Inf	1
21.45M	5.24925G	5.2707G	16.617M	5.251729G	5.268346G	Inf	2
21.375M	5.249375G	5.27075G	16.567M	5.251729G	5.268296G	Inf	3
21.425M	5.249325G	5.27075G	16.542M	5.251729G	5.268271G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

04/09/2018



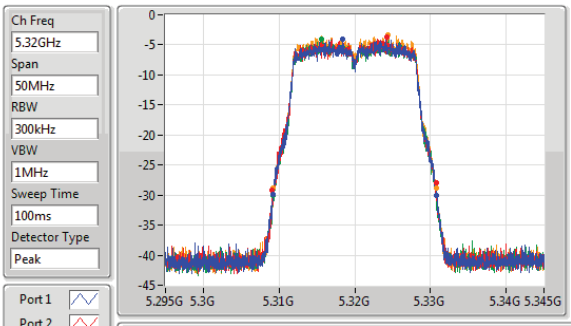


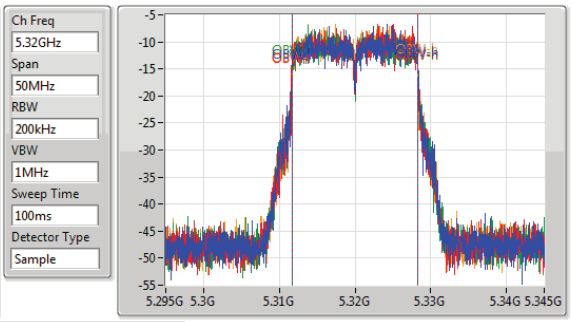
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.2891G	5.3109G	16.617M	5.291729G	5.308346G	Inf	1
21.575M	5.289175G	5.31075G	16.567M	5.291729G	5.308296G	Inf	2
21.525M	5.2892G	5.310725G	16.592M	5.291729G	5.308321G	Inf	3
21.45M	5.289325G	5.310775G	16.542M	5.291754G	5.308296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

04/09/2018



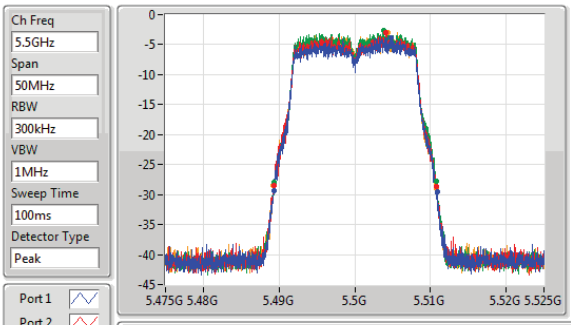


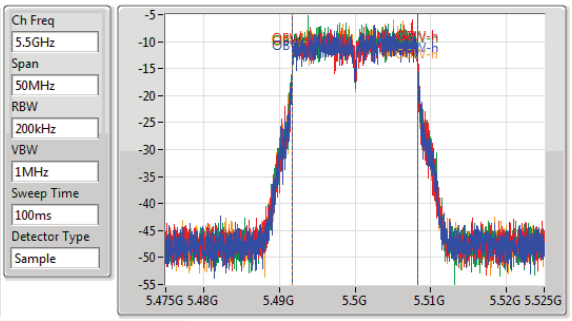
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.309175G	5.33085G	16.592M	5.311729G	5.328321G	Inf	1
21.625M	5.3091G	5.330725G	16.617M	5.311704G	5.328321G	Inf	2
21.65M	5.30915G	5.3308G	16.592M	5.311704G	5.328296G	Inf	3
21.475M	5.309275G	5.33075G	16.567M	5.311729G	5.328296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

04/09/2018



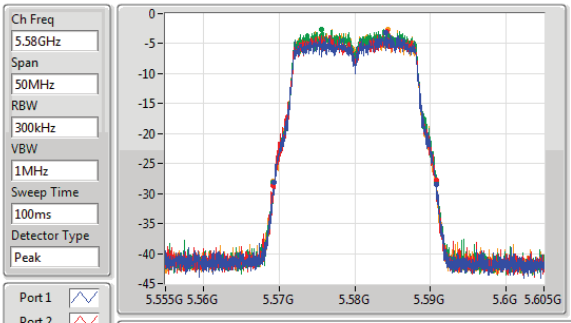


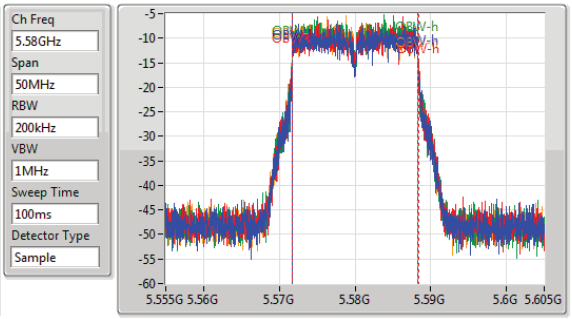
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.489325G	5.5109G	16.642M	5.491704G	5.508346G	Inf	1
21.475M	5.4893G	5.510775G	16.667M	5.491679G	5.508346G	Inf	2
21.425M	5.48935G	5.510775G	16.617M	5.491704G	5.508321G	Inf	3
21.475M	5.489275G	5.51075G	16.567M	5.491729G	5.508296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

04/09/2018



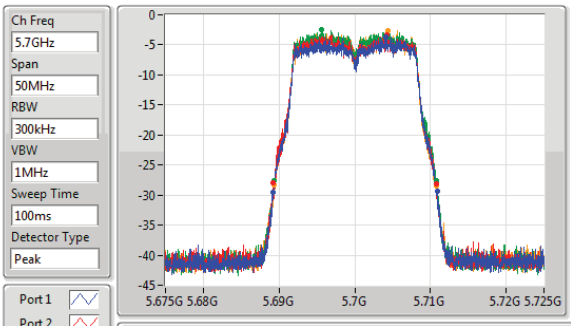


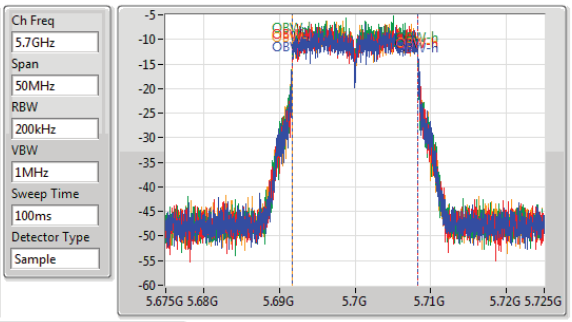
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.425M	5.569375G	5.5908G	16.617M	5.571729G	5.588346G	Inf	1
21.525M	5.569225G	5.59075G	16.667M	5.571704G	5.588371G	Inf	2
21.625M	5.5692G	5.590825G	16.592M	5.571729G	5.588321G	Inf	3
21.55M	5.56925G	5.5908G	16.617M	5.571679G	5.588296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

04/09/2018



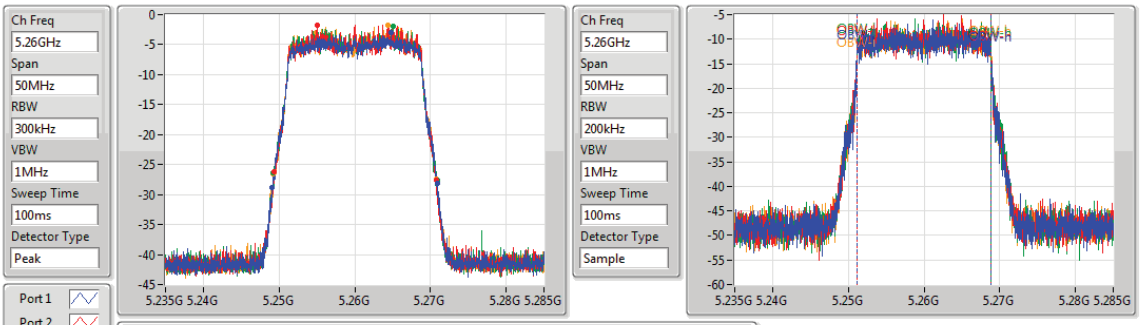


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.689175G	5.7109G	16.642M	5.691704G	5.708346G	Inf	1
21.525M	5.68925G	5.710775G	16.567M	5.691754G	5.708321G	Inf	2
21.5M	5.689325G	5.710825G	16.617M	5.691704G	5.708321G	Inf	3
21.425M	5.689325G	5.71075G	16.592M	5.691729G	5.708321G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

04/09/2018

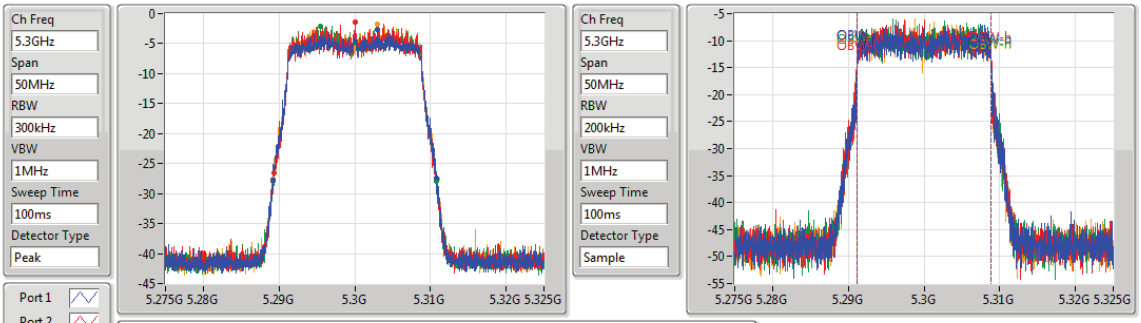


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.249075G	5.271G	17.741M	5.251154G	5.268896G	Inf	1
21.525M	5.2493G	5.270825G	17.716M	5.251154G	5.268871G	Inf	2
21.625M	5.249275G	5.2709G	17.716M	5.251154G	5.268871G	Inf	3
21.525M	5.24925G	5.270775G	17.766M	5.251129G	5.268896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

04/09/2018

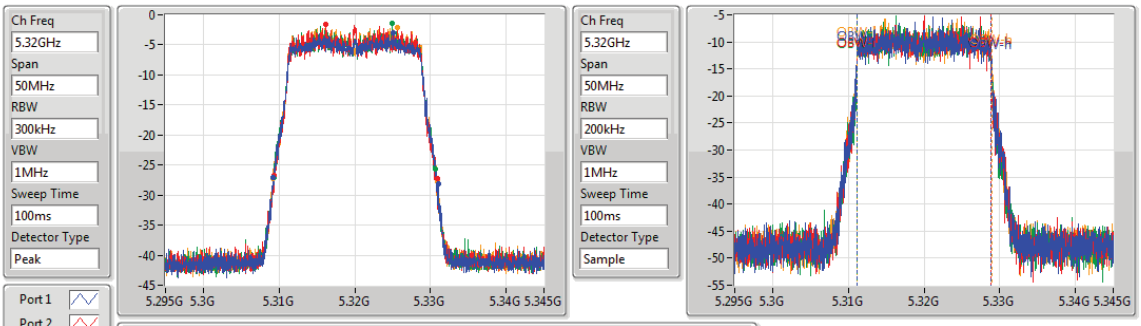


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.28915G	5.3108G	17.716M	5.291154G	5.308871G	Inf	1
21.525M	5.2893G	5.310825G	17.766M	5.291129G	5.308896G	Inf	2
21.675M	5.28915G	5.310825G	17.741M	5.291129G	5.308871G	Inf	3
21.675M	5.289225G	5.3109G	17.716M	5.291154G	5.308871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

04/09/2018

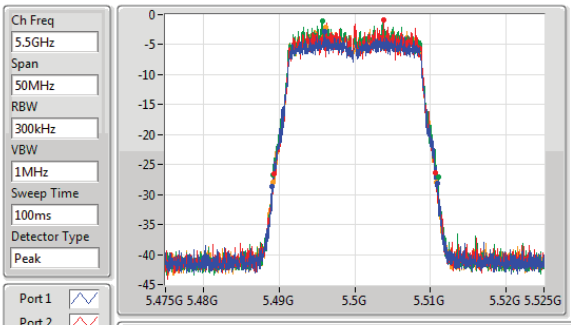


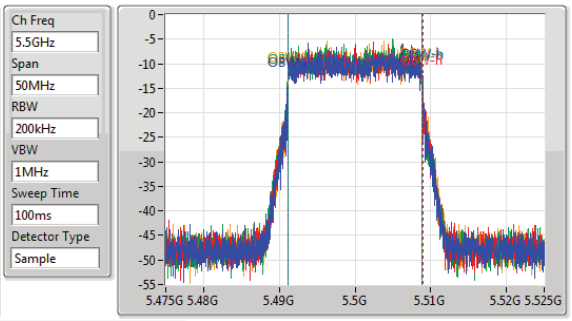
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.30915G	5.331025G	17.766M	5.311104G	5.328871G	Inf	1
21.475M	5.3094G	5.330875G	17.766M	5.311129G	5.328896G	Inf	2
21.4M	5.3093G	5.3307G	17.741M	5.311129G	5.328871G	Inf	3
21.65M	5.309225G	5.330875G	17.816M	5.311129G	5.328946G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

04/09/2018



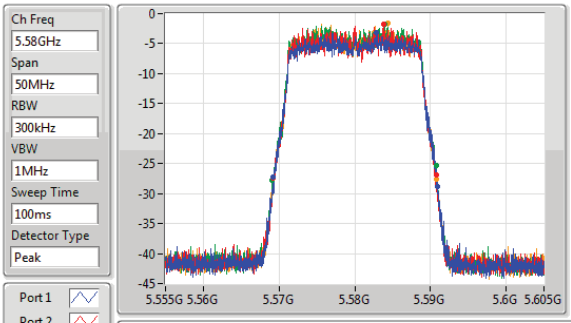


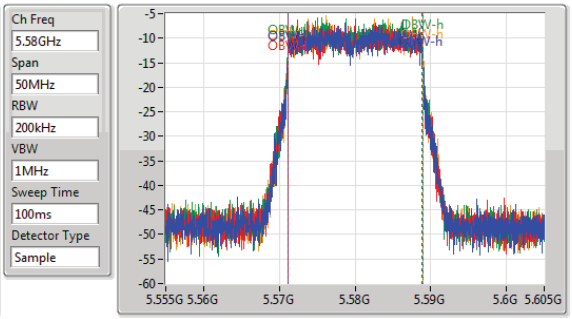
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.48905G	5.510975G	17.766M	5.491154G	5.508921G	Inf	1
21.25M	5.489375G	5.510625G	17.741M	5.491154G	5.508896G	Inf	2
21.9M	5.48915G	5.51105G	17.741M	5.491154G	5.508896G	Inf	3
21.6M	5.4892G	5.5108G	17.741M	5.491154G	5.508896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

04/09/2018



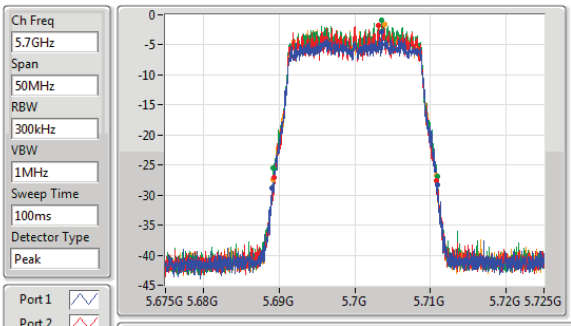


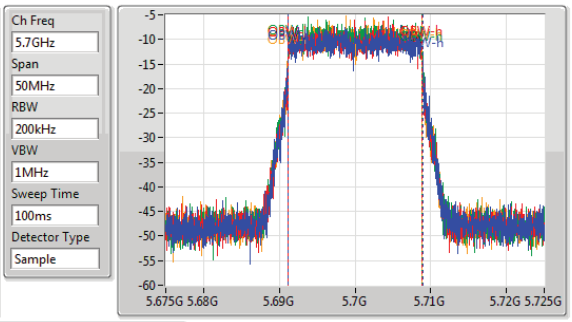
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.569175G	5.590975G	17.741M	5.571154G	5.588896G	Inf	1
21.45M	5.569275G	5.590725G	17.766M	5.571129G	5.588896G	Inf	2
21.725M	5.569075G	5.5908G	17.791M	5.571129G	5.588921G	Inf	3
21.575M	5.569225G	5.5908G	17.766M	5.571154G	5.588921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

04/09/2018



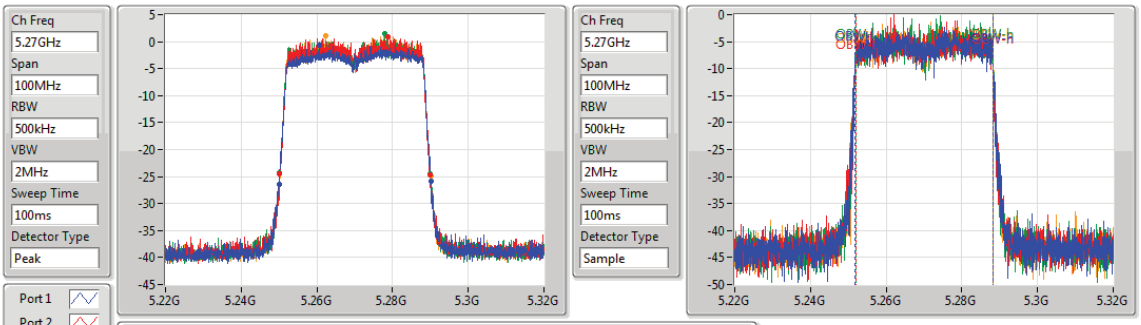


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.68905G	5.7109G	17.791M	5.691154G	5.708946G	Inf	1
21.45M	5.6893G	5.71075G	17.716M	5.691179G	5.708896G	Inf	2
21.675M	5.68925G	5.710925G	17.716M	5.691179G	5.708896G	Inf	3
21.525M	5.689275G	5.7108G	17.716M	5.691154G	5.708871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

04/09/2018

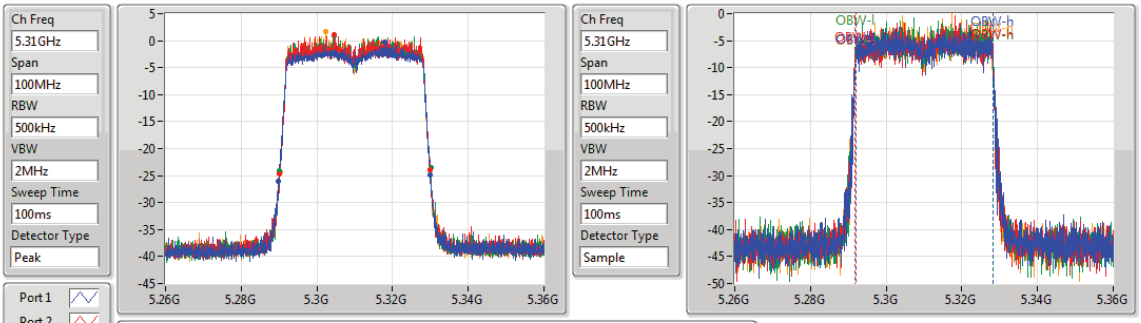


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.24995G	5.2902G	36.282M	5.251859G	5.288141G	Inf	1
40M	5.25005G	5.29005G	36.232M	5.251909G	5.288141G	Inf	2
39.85M	5.2502G	5.29005G	36.232M	5.251909G	5.288141G	Inf	3
39.95M	5.2502G	5.29015G	36.282M	5.251909G	5.288191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

04/09/2018

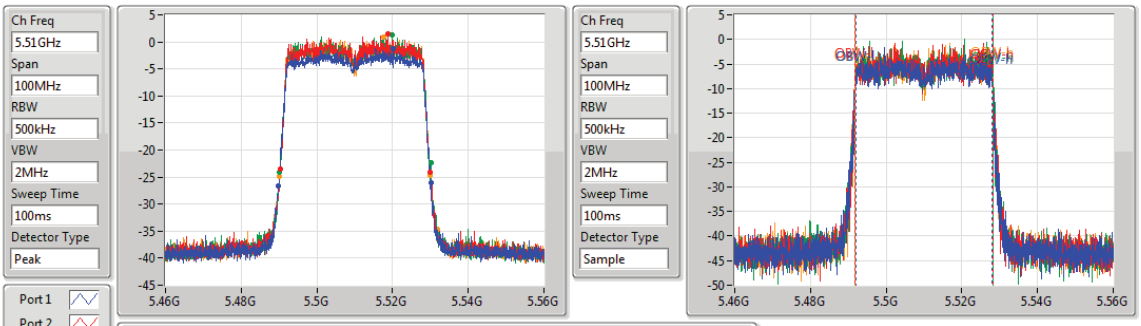


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.2898G	5.33005G	36.232M	5.291909G	5.328141G	Inf	1
40.05M	5.28995G	5.33G	36.282M	5.291859G	5.328141G	Inf	2
40M	5.2901G	5.3301G	36.232M	5.291909G	5.328141G	Inf	3
39.75M	5.29025G	5.33G	36.232M	5.291909G	5.328141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

04/09/2018

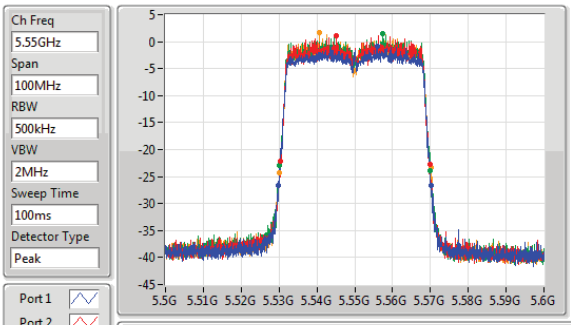


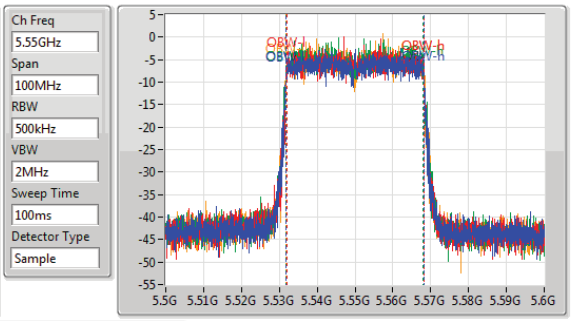
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.4898G	5.5302G	36.182M	5.491909G	5.528091G	Inf	1
39.55M	5.4903G	5.52985G	36.282M	5.491859G	5.528141G	Inf	2
39.95M	5.49015G	5.5301G	36.232M	5.491909G	5.528141G	Inf	3
39.95M	5.4901G	5.53005G	36.282M	5.491859G	5.528141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

04/09/2018



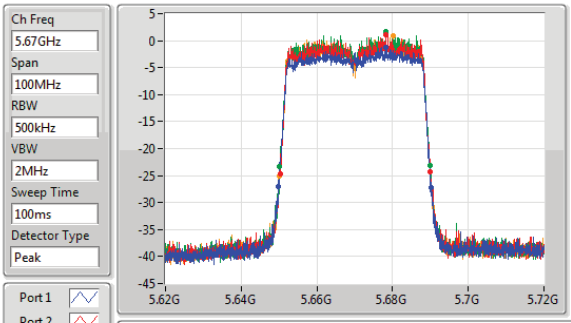


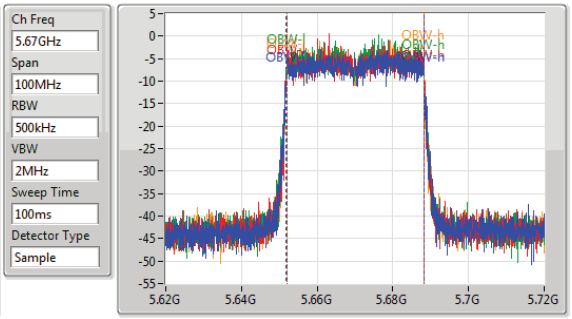
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.5298G	5.57015G	36.282M	5.531859G	5.568141G	Inf	1
39.55M	5.5303G	5.56985G	36.232M	5.531909G	5.568141G	Inf	2
39.85M	5.5302G	5.57005G	36.282M	5.531809G	5.568091G	Inf	3
39.95M	5.53015G	5.5701G	36.282M	5.531859G	5.568141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

04/09/2018



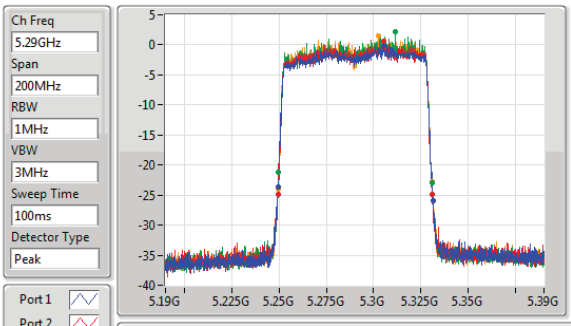


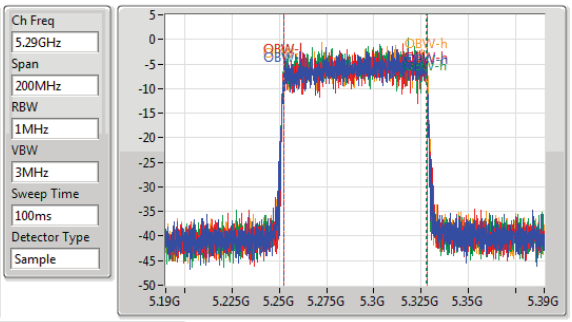
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.6498G	5.6903G	36.282M	5.651859G	5.688141G	Inf	1
39.65M	5.6503G	5.68995G	36.282M	5.651959G	5.688241G	Inf	2
39.85M	5.65015G	5.69G	36.182M	5.651959G	5.688141G	Inf	3
39.85M	5.6501G	5.68995G	36.282M	5.651909G	5.688191G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/09/2018



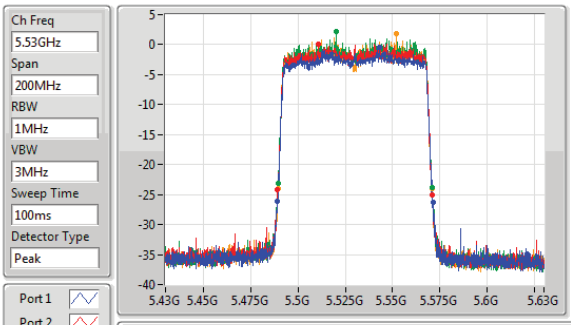


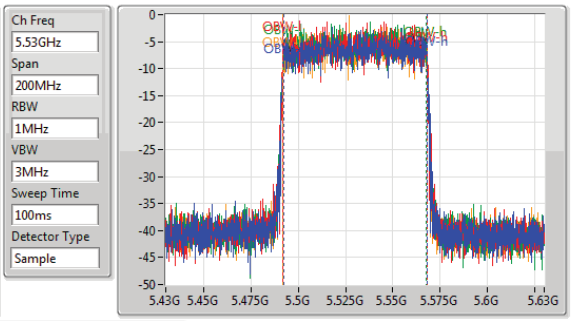
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.2494G	5.3314G	75.662M	5.252319G	5.327981G	Inf	1
81.7M	5.2494G	5.3311G	75.762M	5.252219G	5.327981G	Inf	2
81M	5.2498G	5.3308G	75.662M	5.252219G	5.327881G	Inf	3
81.6M	5.2495G	5.3311G	75.862M	5.252219G	5.328081G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

04/09/2018



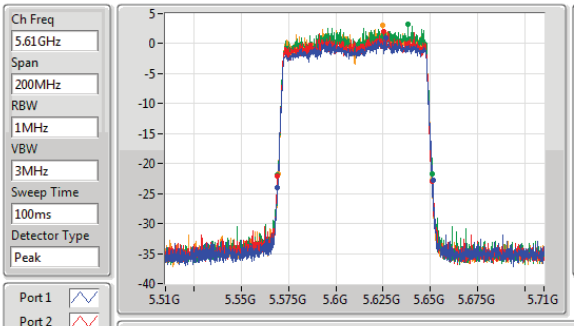


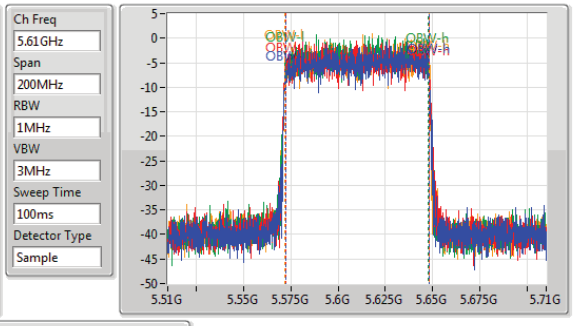
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.4892G	5.5714G	75.862M	5.492119G	5.567981G	Inf	1
82M	5.4892G	5.5712G	75.962M	5.492019G	5.567981G	Inf	2
81.2M	5.4895G	5.5707G	75.762M	5.492119G	5.567881G	Inf	3
81.3M	5.4894G	5.5707G	75.862M	5.492019G	5.567881G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

04/09/2018





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.5692G	5.6513G	75.862M	5.572119G	5.647981G	Inf	1
81.5M	5.5693G	5.6508G	75.962M	5.572119G	5.648081G	Inf	2
81.6M	5.5693G	5.6509G	75.662M	5.572219G	5.647881G	Inf	3
81.4M	5.5694G	5.6508G	75.962M	5.572019G	5.647981G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.625M	16.667M	16M7D1D	21.35M	16.542M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.85M	17.791M	17M8D1D	21.3M	17.691M
802.11ac VHT40_Nss1,(MCS0)_4TX	49.25M	36.282M	36M3D1D	39.65M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.6M	75.762M	75M8D1D	81.1M	75.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.45M	16.717M	16M7D1D	21.325M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	22M	17.816M	17M8D1D	21.375M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	66.45M	36.332M	36M3D1D	39.45M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.5M	75.962M	76M0D1D	81.2M	75.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

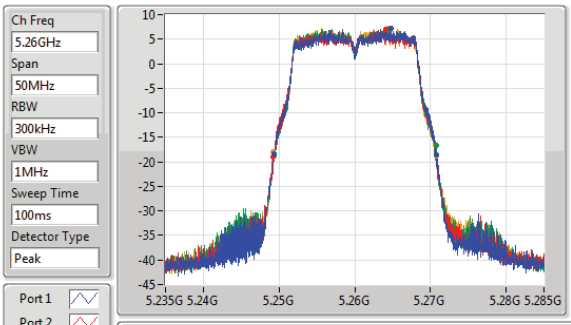
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.475M	16.667M	21.6M	16.642M	21.425M	16.542M	21.45M	16.567M
5300MHz	Pass	Inf	21.625M	16.667M	21.55M	16.617M	21.35M	16.567M	21.45M	16.567M
5320MHz	Pass	Inf	21.625M	16.617M	21.475M	16.567M	21.525M	16.567M	21.45M	16.592M
5500MHz	Pass	Inf	25.45M	16.717M	21.7M	16.567M	23.125M	16.642M	21.875M	16.592M
5580MHz	Pass	Inf	21.6M	16.617M	21.65M	16.567M	21.4M	16.542M	21.4M	16.542M
5700MHz	Pass	Inf	21.65M	16.567M	21.45M	16.517M	21.325M	16.592M	21.375M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.85M	17.766M	21.55M	17.716M	21.35M	17.691M	21.575M	17.766M
5300MHz	Pass	Inf	21.65M	17.791M	21.55M	17.741M	21.675M	17.716M	21.475M	17.741M
5320MHz	Pass	Inf	21.65M	17.791M	21.525M	17.716M	21.65M	17.791M	21.3M	17.716M
5500MHz	Pass	Inf	22M	17.766M	21.625M	17.716M	21.525M	17.741M	21.725M	17.716M
5580MHz	Pass	Inf	21.65M	17.791M	21.475M	17.716M	21.475M	17.716M	21.375M	17.716M
5700MHz	Pass	Inf	21.7M	17.766M	21.675M	17.741M	21.5M	17.816M	21.375M	17.741M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	44.6M	36.182M	39.65M	36.282M	39.9M	36.232M	39.95M	36.282M
5310MHz	Pass	Inf	49.25M	36.182M	39.95M	36.232M	47.9M	36.282M	39.85M	36.232M
5510MHz	Pass	Inf	41.55M	36.282M	39.8M	36.282M	40M	36.332M	39.7M	36.182M
5550MHz	Pass	Inf	60.1M	36.282M	39.45M	36.332M	41.3M	36.282M	39.9M	36.182M
5670MHz	Pass	Inf	66.45M	36.182M	39.85M	36.182M	46.3M	36.182M	39.8M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.762M	82.6M	75.762M	81.1M	75.762M	81.6M	75.762M
5530MHz	Pass	Inf	83.2M	75.862M	83.5M	75.862M	81.6M	75.762M	81.2M	75.762M
5610MHz	Pass	Inf	83.2M	75.762M	82.7M	75.862M	81.8M	75.862M	81.5M	75.962M

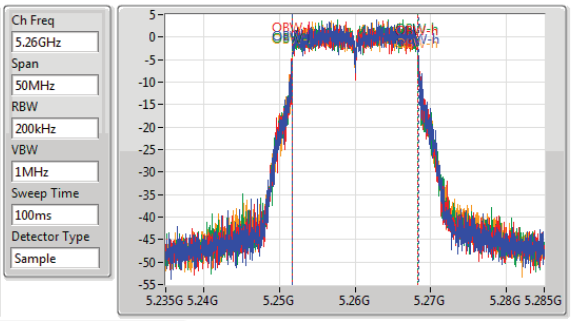
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

04/09/2018



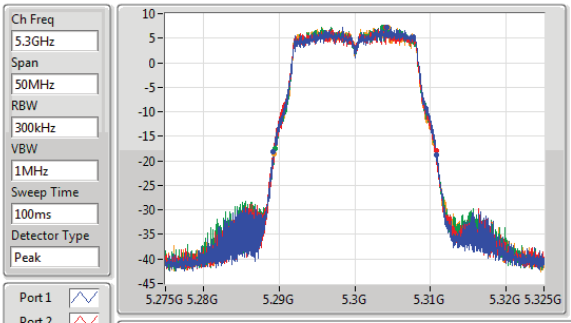


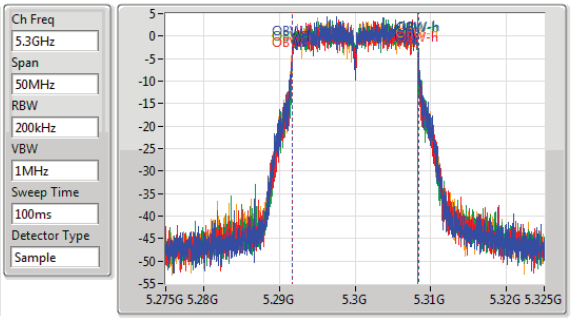
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.249325G	5.2708G	16.667M	5.251704G	5.268371G	Inf	1
21.6M	5.2492G	5.2708G	16.642M	5.251704G	5.268346G	Inf	2
21.425M	5.249325G	5.27075G	16.542M	5.251754G	5.268296G	Inf	3
21.45M	5.249275G	5.270725G	16.567M	5.251754G	5.268321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

04/09/2018



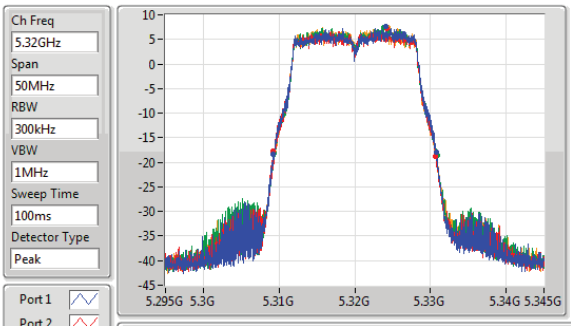


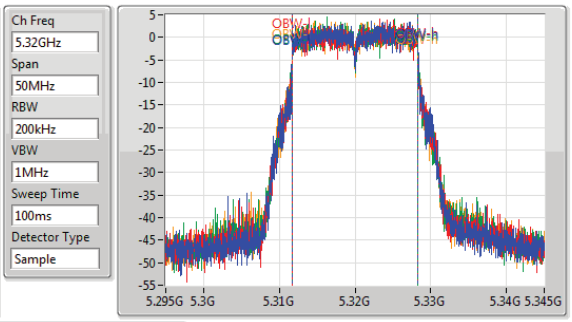
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.289225G	5.31085G	16.667M	5.291704G	5.308371G	Inf	1
21.55M	5.2892G	5.31075G	16.617M	5.291729G	5.308346G	Inf	2
21.35M	5.289425G	5.310775G	16.567M	5.291779G	5.308346G	Inf	3
21.45M	5.2893G	5.31075G	16.567M	5.291729G	5.308296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

04/09/2018



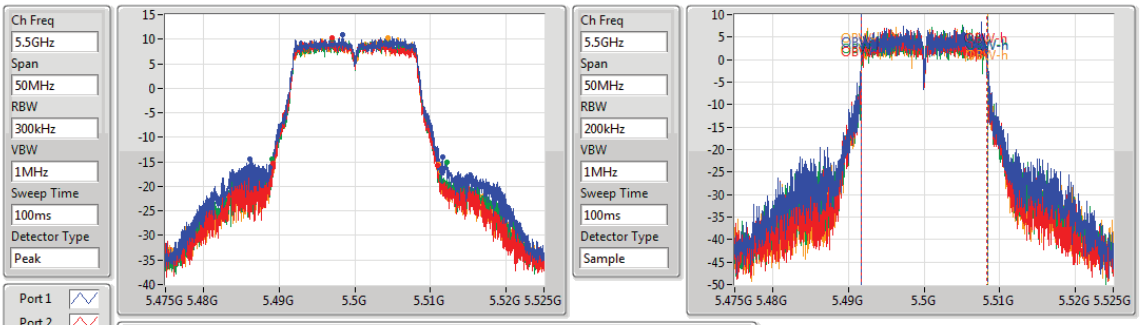


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.309225G	5.33085G	16.617M	5.311729G	5.328346G	Inf	1
21.475M	5.309225G	5.3307G	16.567M	5.311729G	5.328296G	Inf	2
21.525M	5.3094G	5.330925G	16.567M	5.311754G	5.328321G	Inf	3
21.45M	5.3093G	5.33075G	16.592M	5.311754G	5.328346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

04/09/2018

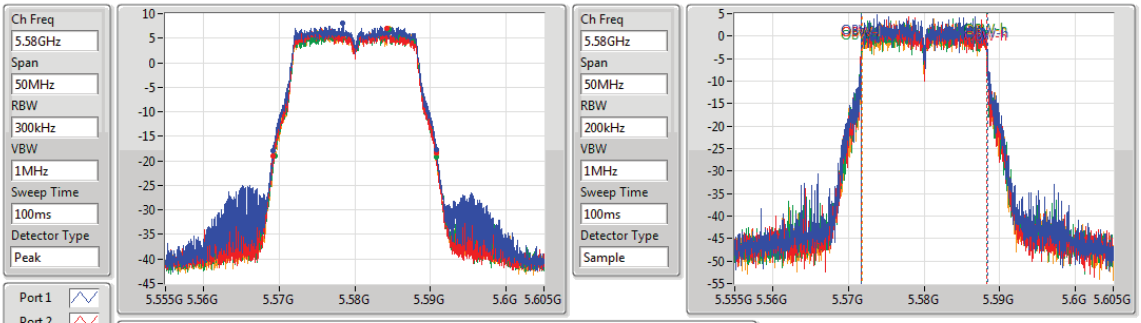


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.45M	5.486125G	5.511575G	16.717M	5.491679G	5.508396G	Inf	1
21.7M	5.489175G	5.510875G	16.567M	5.491704G	5.508271G	Inf	2
23.125M	5.4891G	5.512225G	16.642M	5.491729G	5.508371G	Inf	3
21.875M	5.489225G	5.5111G	16.592M	5.491779G	5.508371G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

04/09/2018

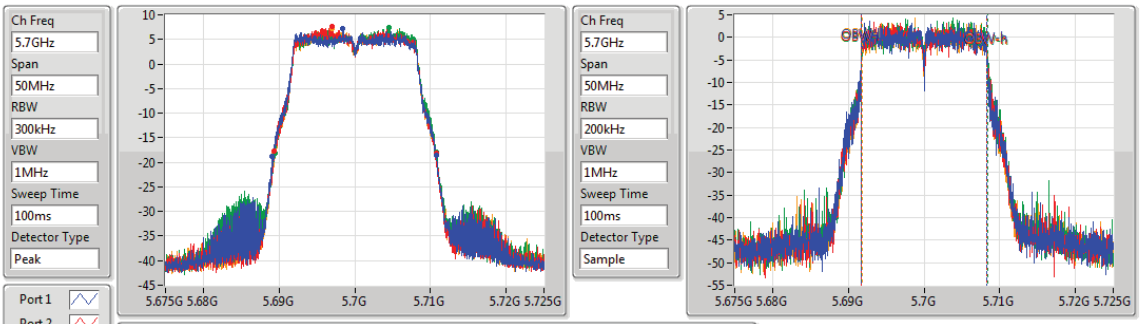


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.5692G	5.5908G	16.617M	5.571754G	5.588371G	Inf	1
21.65M	5.56915G	5.5908G	16.567M	5.571754G	5.588321G	Inf	2
21.4M	5.569425G	5.590825G	16.542M	5.571779G	5.588321G	Inf	3
21.4M	5.56935G	5.59075G	16.542M	5.571804G	5.588346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

04/09/2018

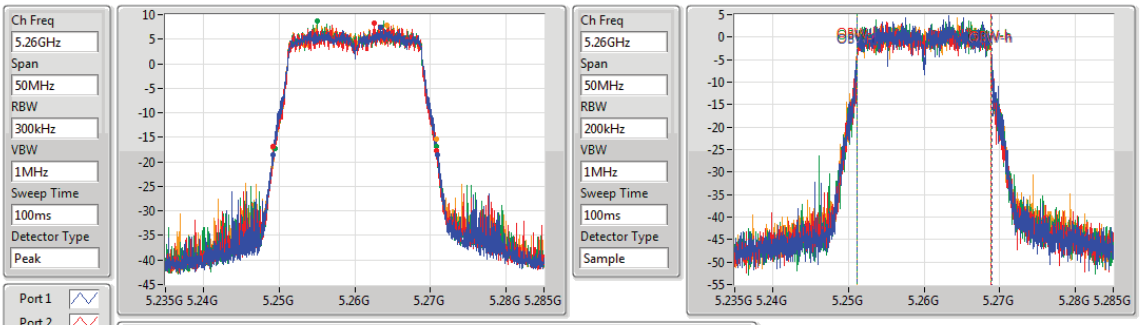


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.689125G	5.710775G	16.567M	5.691754G	5.708321G	Inf	1
21.45M	5.6893G	5.71075G	16.517M	5.691779G	5.708296G	Inf	2
21.325M	5.68945G	5.710775G	16.592M	5.691779G	5.708371G	Inf	3
21.375M	5.68935G	5.710725G	16.517M	5.691804G	5.708321G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

04/09/2018

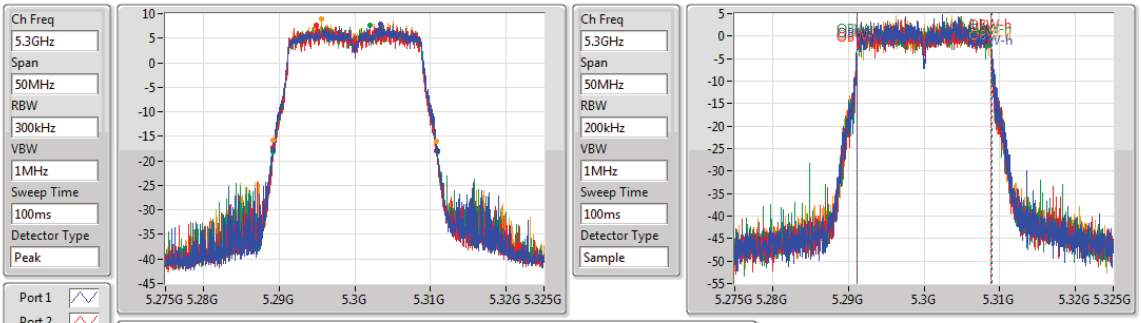


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.24915G	5.271G	17.766M	5.251154G	5.268921G	Inf	1
21.55M	5.249275G	5.270825G	17.716M	5.251179G	5.268896G	Inf	2
21.35M	5.24945G	5.2708G	17.691M	5.251179G	5.268871G	Inf	3
21.575M	5.24925G	5.270825G	17.766M	5.251129G	5.268896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

04/09/2018

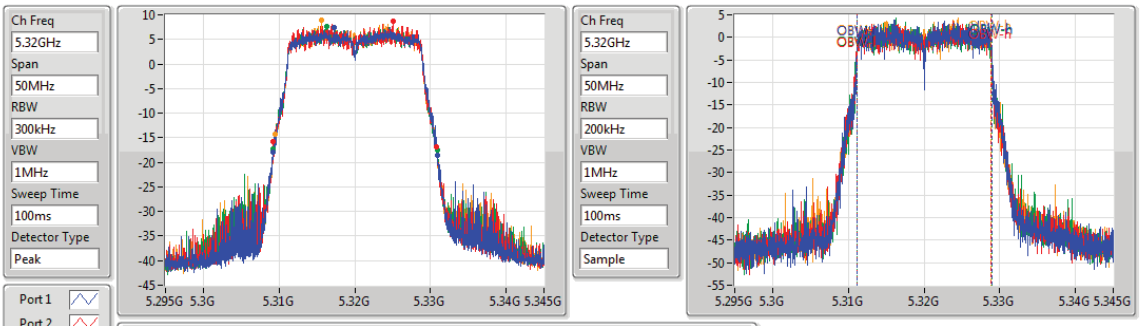


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.28925G	5.3109G	17.791M	5.291154G	5.308946G	Inf	1
21.55M	5.28925G	5.3108G	17.741M	5.291154G	5.308896G	Inf	2
21.675M	5.2892G	5.310875G	17.716M	5.291154G	5.308871G	Inf	3
21.475M	5.28925G	5.310725G	17.741M	5.291154G	5.308896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

04/09/2018

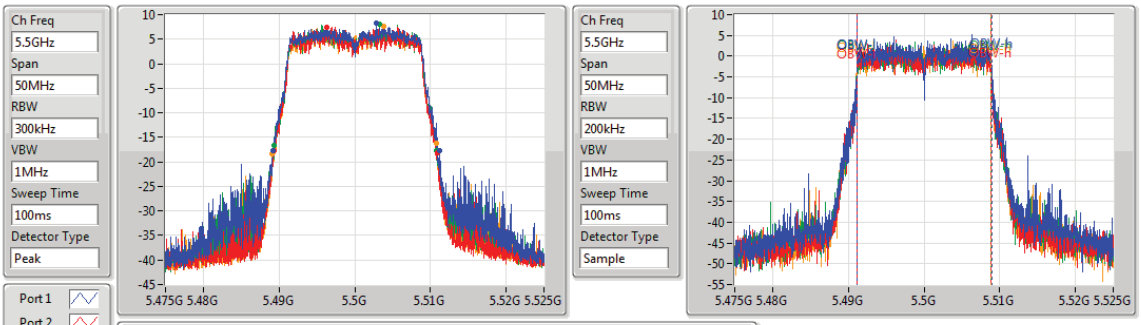


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.30925G	5.3309G	17.791M	5.311154G	5.328946G	Inf	1
21.525M	5.3092G	5.330725G	17.716M	5.311154G	5.328871G	Inf	2
21.65M	5.309275G	5.330925G	17.791M	5.311129G	5.328921G	Inf	3
21.3M	5.30945G	5.33075G	17.716M	5.311179G	5.328896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

04/09/2018

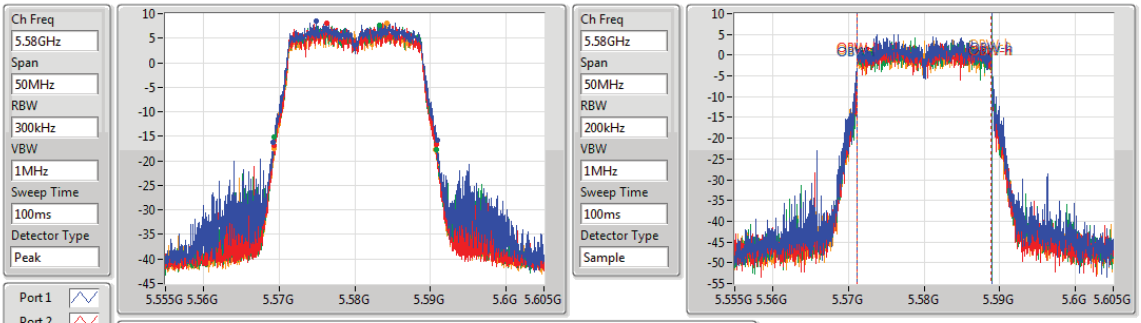


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.489225G	5.511225G	17.766M	5.491179G	5.508946G	Inf	1
21.625M	5.4893G	5.510925G	17.716M	5.491179G	5.508896G	Inf	2
21.525M	5.4893G	5.510825G	17.741M	5.491154G	5.508896G	Inf	3
21.725M	5.489075G	5.5108G	17.716M	5.491179G	5.508896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

04/09/2018

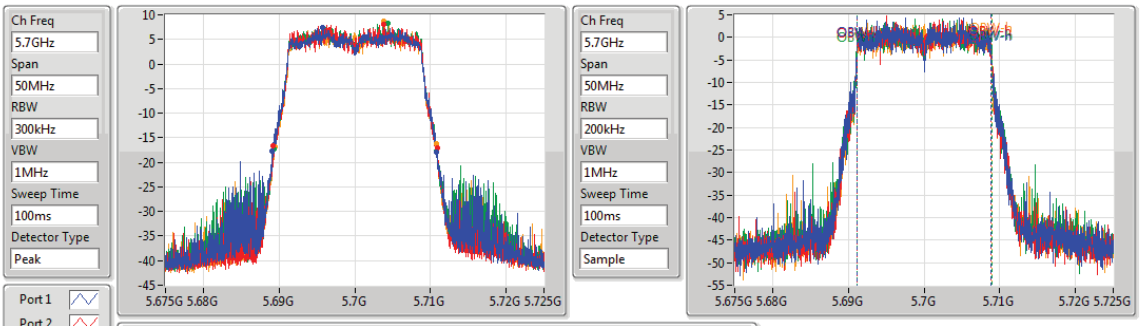


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.569225G	5.590875G	17.791M	5.571154G	5.588946G	Inf	1
21.475M	5.569325G	5.5908G	17.716M	5.571179G	5.588896G	Inf	2
21.475M	5.569325G	5.5908G	17.716M	5.571204G	5.588921G	Inf	3
21.375M	5.5693G	5.590675G	17.716M	5.571179G	5.588896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

04/09/2018

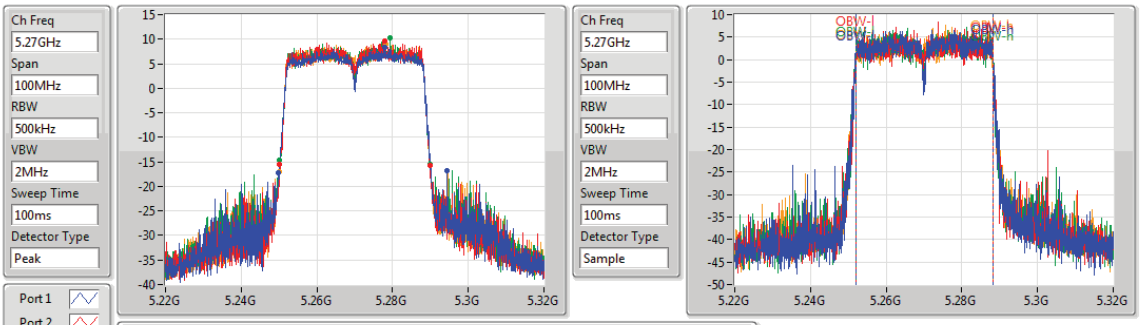


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.689125G	5.710825G	17.766M	5.691129G	5.708896G	Inf	1
21.675M	5.68925G	5.710925G	17.741M	5.691154G	5.708896G	Inf	2
21.5M	5.689325G	5.710825G	17.816M	5.691129G	5.708946G	Inf	3
21.375M	5.689425G	5.7108G	17.741M	5.691179G	5.708921G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

04/09/2018

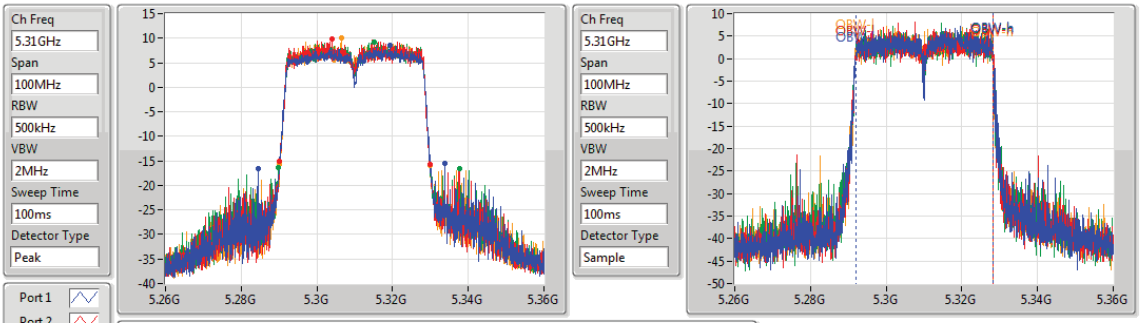


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.6M	5.2499G	5.2945G	36.182M	5.251959G	5.288141G	Inf	1
39.65M	5.2502G	5.28985G	36.282M	5.251909G	5.288191G	Inf	2
39.9M	5.25005G	5.28995G	36.232M	5.251909G	5.288141G	Inf	3
39.95M	5.2501G	5.29005G	36.282M	5.251909G	5.288191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

04/09/2018

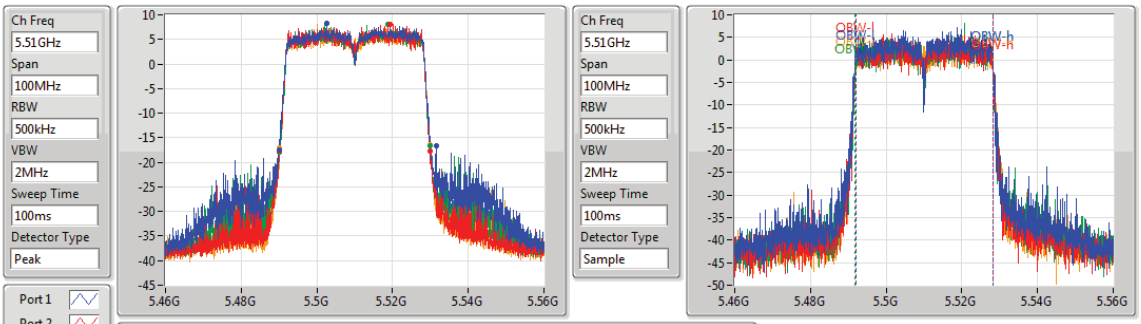


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.25M	5.28465G	5.3339G	36.182M	5.291959G	5.328141G	Inf	1
39.95M	5.2901G	5.33005G	36.232M	5.291959G	5.328191G	Inf	2
47.9M	5.2899G	5.3378G	36.282M	5.291959G	5.328241G	Inf	3
39.85M	5.29015G	5.33G	36.232M	5.291909G	5.328141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

04/09/2018

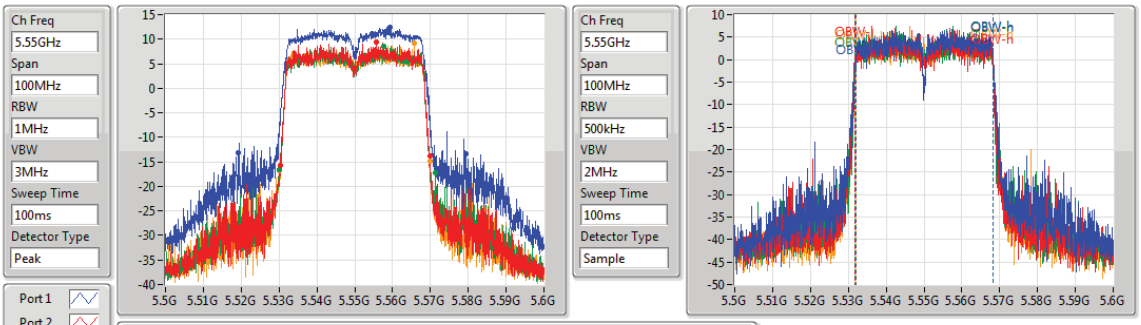


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.55M	5.48995G	5.5315G	36.282M	5.491909G	5.528191G	Inf	1
39.8M	5.4901G	5.5299G	36.282M	5.491909G	5.528191G	Inf	2
40M	5.49005G	5.53005G	36.332M	5.491859G	5.528191G	Inf	3
39.7M	5.4902G	5.5299G	36.182M	5.491959G	5.528141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

04/09/2018

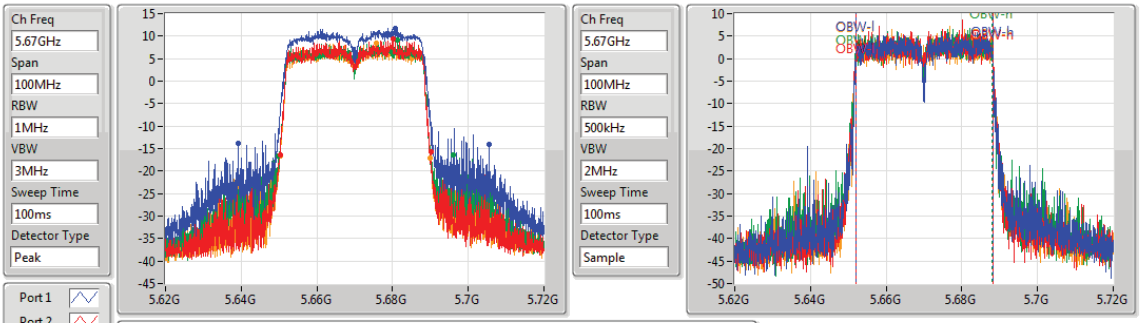


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.1M	5.5192G	5.5793G	36.282M	5.531909G	5.568191G	Inf	1
39.45M	5.53035G	5.5698G	36.332M	5.531859G	5.568191G	Inf	2
41.3M	5.53G	5.5713G	36.282M	5.531859G	5.568141G	Inf	3
39.9M	5.52995G	5.56985G	36.182M	5.531959G	5.568141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

04/09/2018

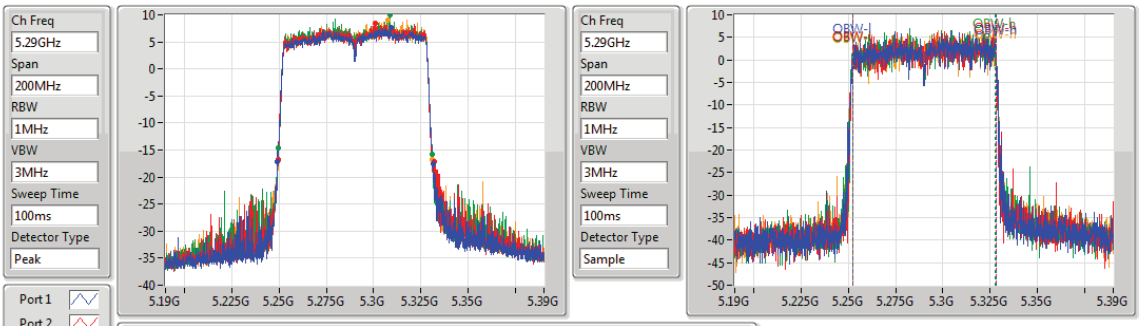


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
66.45M	5.63915G	5.7056G	36.182M	5.651959G	5.688141G	Inf	1
39.85M	5.65025G	5.6901G	36.182M	5.651959G	5.688141G	Inf	2
46.3M	5.64985G	5.69615G	36.182M	5.651909G	5.688091G	Inf	3
39.8M	5.65025G	5.69005G	36.232M	5.651909G	5.688141G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/09/2018

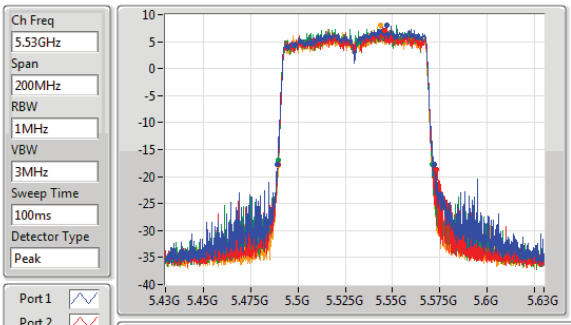


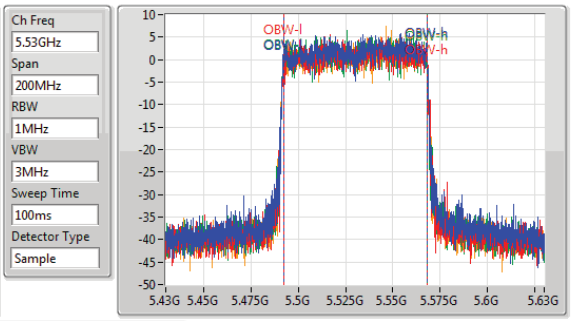
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.2492G	5.3314G	75.762M	5.252319G	5.328081G	Inf	1
82.6M	5.2494G	5.332G	75.762M	5.252319G	5.328081G	Inf	2
81.1M	5.2498G	5.3309G	75.762M	5.252119G	5.327881G	Inf	3
81.6M	5.2495G	5.3311G	75.762M	5.252219G	5.327981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

04/09/2018



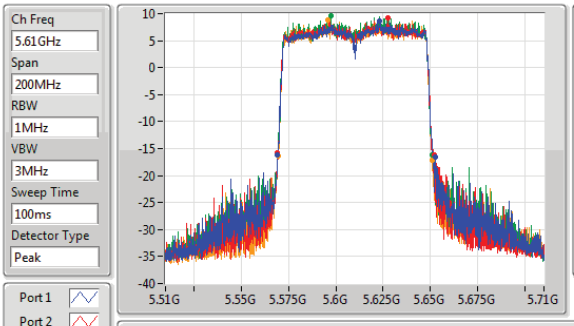


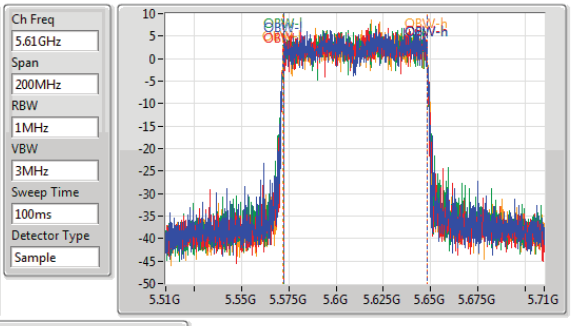
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.2M	5.4891G	5.5723G	75.862M	5.492219G	5.568081G	Inf	1
83.5M	5.4894G	5.5729G	75.862M	5.492219G	5.568081G	Inf	2
81.6M	5.4894G	5.571G	75.762M	5.492219G	5.567981G	Inf	3
81.2M	5.4895G	5.5707G	75.762M	5.492219G	5.567981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

04/09/2018





26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.2M	5.5692G	5.6524G	75.762M	5.572219G	5.647981G	Inf	1
82.7M	5.5693G	5.652G	75.862M	5.572119G	5.647981G	Inf	2
81.8M	5.5693G	5.6511G	75.862M	5.572119G	5.647981G	Inf	3
81.5M	5.5694G	5.6509G	75.962M	5.572019G	5.647981G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.675M	16.667M	16M7D1D	21.425M	16.517M
802.11ac VHT20_Nss1,(MCS0)_4TX	22M	17.791M	17M8D1D	21.45M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.2M	36.282M	36M3D1D	39.6M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.7M	75.862M	75M9D1D	81.2M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.675M	16.667M	16M7D1D	21.375M	16.542M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.925M	17.791M	17M8D1D	21.375M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.55M	36.282M	36M3D1D	39.45M	36.132M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.9M	75.862M	75M9D1D	81.3M	75.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

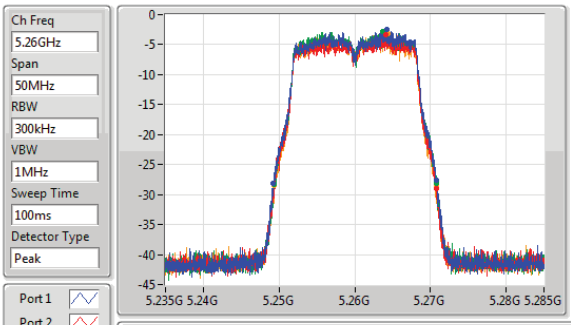
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.6M	16.617M	21.575M	16.592M	21.425M	16.517M	21.5M	16.542M
5300MHz	Pass	Inf	21.475M	16.667M	21.575M	16.642M	21.675M	16.592M	21.525M	16.617M
5320MHz	Pass	Inf	21.6M	16.592M	21.55M	16.592M	21.475M	16.542M	21.5M	16.592M
5500MHz	Pass	Inf	21.625M	16.667M	21.45M	16.542M	21.45M	16.642M	21.5M	16.617M
5580MHz	Pass	Inf	21.675M	16.617M	21.575M	16.642M	21.45M	16.567M	21.4M	16.592M
5700MHz	Pass	Inf	21.675M	16.592M	21.5M	16.567M	21.575M	16.567M	21.375M	16.567M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.65M	17.766M	21.525M	17.741M	21.5M	17.741M	21.45M	17.716M
5300MHz	Pass	Inf	22M	17.791M	21.675M	17.741M	21.7M	17.741M	21.6M	17.741M
5320MHz	Pass	Inf	21.95M	17.766M	21.825M	17.766M	21.525M	17.741M	21.675M	17.766M
5500MHz	Pass	Inf	21.725M	17.791M	21.5M	17.766M	21.575M	17.766M	21.55M	17.741M
5580MHz	Pass	Inf	21.925M	17.741M	21.7M	17.716M	21.425M	17.766M	21.55M	17.741M
5700MHz	Pass	Inf	21.675M	17.766M	21.6M	17.741M	21.525M	17.766M	21.375M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.2M	36.182M	39.6M	36.232M	39.85M	36.232M	39.65M	36.232M
5310MHz	Pass	Inf	40.2M	36.232M	39.75M	36.282M	40M	36.282M	39.7M	36.282M
5510MHz	Pass	Inf	40.45M	36.182M	39.45M	36.232M	39.7M	36.282M	39.85M	36.232M
5550MHz	Pass	Inf	40.35M	36.232M	40M	36.282M	39.95M	36.282M	39.7M	36.282M
5670MHz	Pass	Inf	40.55M	36.132M	39.95M	36.232M	39.95M	36.282M	40M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.1M	75.762M	82.7M	75.862M	81.4M	75.862M	81.2M	75.662M
5530MHz	Pass	Inf	83.9M	75.662M	83.8M	75.862M	81.3M	75.762M	81.4M	75.862M
5610MHz	Pass	Inf	83.5M	75.762M	82.9M	75.862M	81.5M	75.862M	81.4M	75.662M

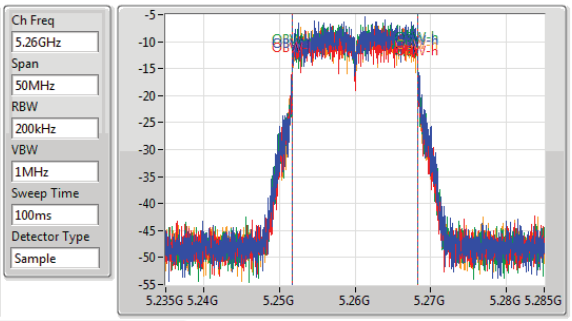
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

04/09/2018



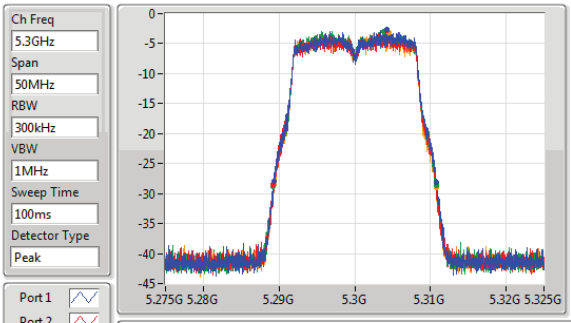


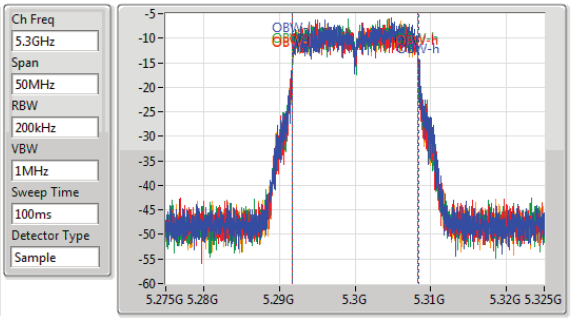
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.24925G	5.27085G	16.617M	5.251729G	5.268346G	Inf	1
21.575M	5.24925G	5.270825G	16.592M	5.251729G	5.268321G	Inf	2
21.425M	5.24935G	5.270775G	16.517M	5.251779G	5.268296G	Inf	3
21.5M	5.249325G	5.270825G	16.542M	5.251754G	5.268296G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

04/09/2018



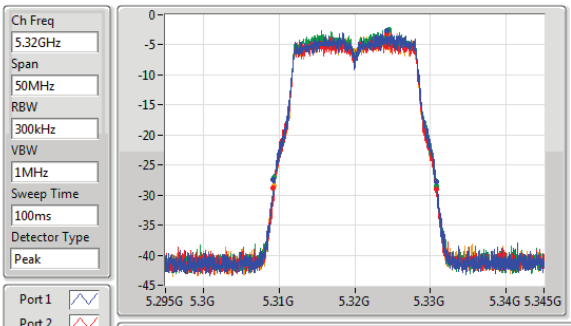


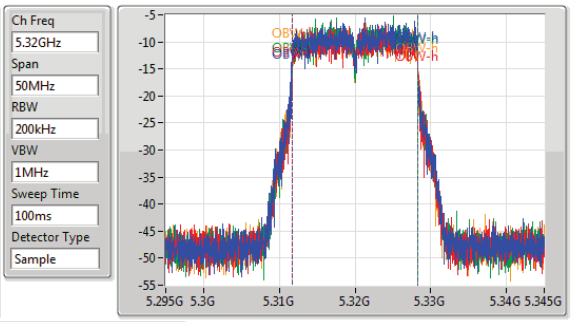
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.289325G	5.3108G	16.667M	5.291729G	5.308396G	Inf	1
21.575M	5.28915G	5.310725G	16.642M	5.291704G	5.308346G	Inf	2
21.675M	5.289175G	5.31085G	16.592M	5.291729G	5.308321G	Inf	3
21.525M	5.2893G	5.310825G	16.617M	5.291729G	5.308346G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

04/09/2018



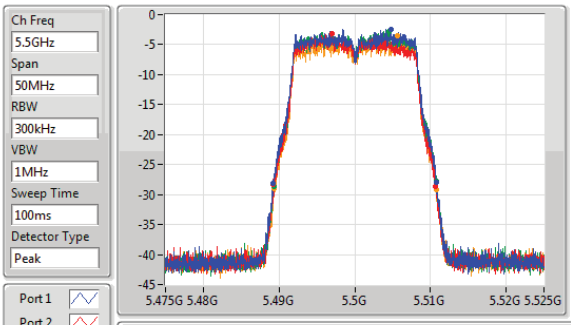


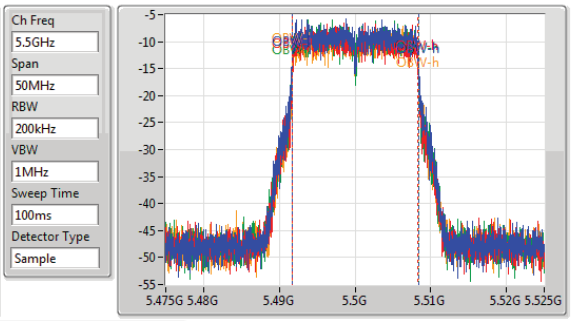
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.30925G	5.33085G	16.592M	5.311704G	5.328296G	Inf	1
21.55M	5.30925G	5.3308G	16.592M	5.311729G	5.328321G	Inf	2
21.475M	5.30935G	5.330825G	16.542M	5.311754G	5.328296G	Inf	3
21.5M	5.309325G	5.330825G	16.592M	5.311729G	5.328321G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

04/09/2018



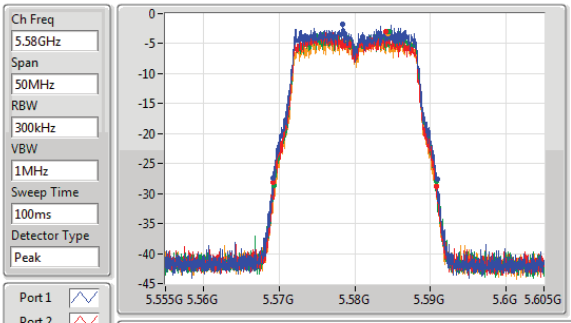


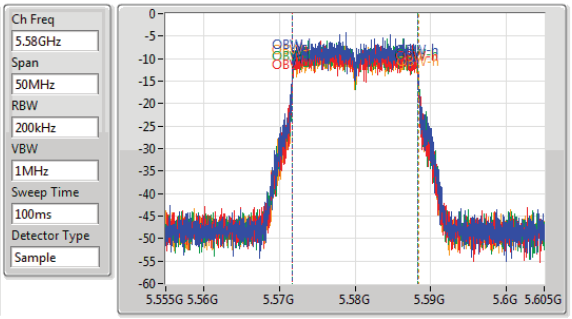
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.489225G	5.51085G	16.667M	5.491704G	5.508371G	Inf	1
21.45M	5.48925G	5.5107G	16.542M	5.491754G	5.508296G	Inf	2
21.45M	5.48935G	5.5108G	16.642M	5.491729G	5.508371G	Inf	3
21.5M	5.4893G	5.5108G	16.617M	5.491754G	5.508371G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

04/09/2018



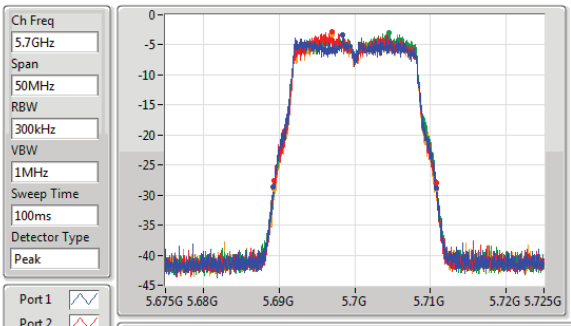


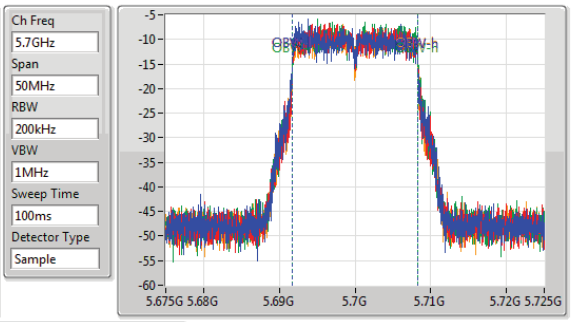
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.569225G	5.5909G	16.617M	5.571729G	5.588346G	Inf	1
21.575M	5.5692G	5.590775G	16.642M	5.571704G	5.588346G	Inf	2
21.45M	5.5694G	5.59085G	16.567M	5.571779G	5.588346G	Inf	3
21.4M	5.56935G	5.59075G	16.592M	5.571779G	5.588371G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

04/09/2018



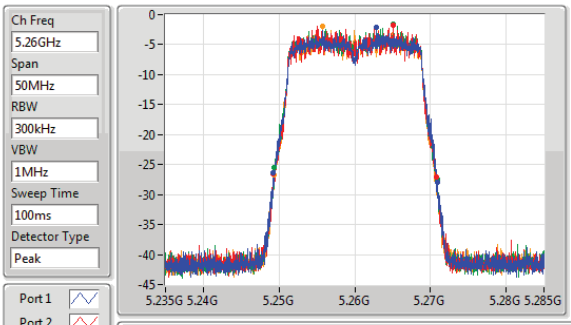


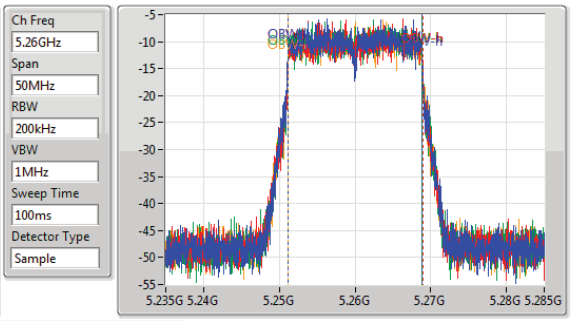
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.689175G	5.71085G	16.592M	5.691704G	5.708296G	Inf	1
21.5M	5.6893G	5.7108G	16.567M	5.691754G	5.708321G	Inf	2
21.575M	5.68925G	5.710825G	16.567M	5.691754G	5.708321G	Inf	3
21.375M	5.68935G	5.710725G	16.567M	5.691779G	5.708346G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

04/09/2018



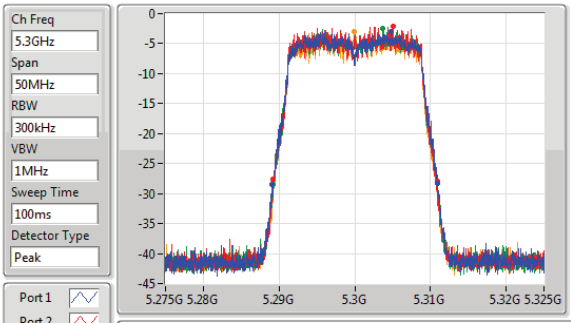


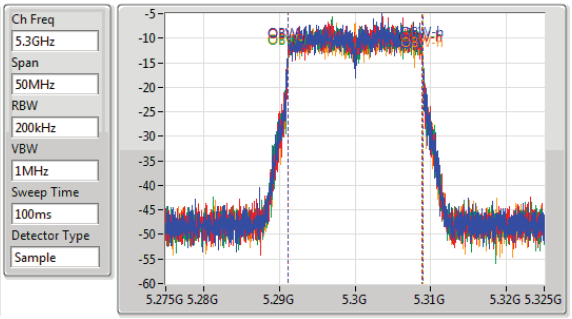
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.249225G	5.270875G	17.766M	5.251129G	5.268896G	Inf	1
21.525M	5.249275G	5.2708G	17.741M	5.251179G	5.268921G	Inf	2
21.5M	5.249375G	5.270875G	17.741M	5.251154G	5.268896G	Inf	3
21.45M	5.249375G	5.270825G	17.716M	5.251154G	5.268871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

04/09/2018



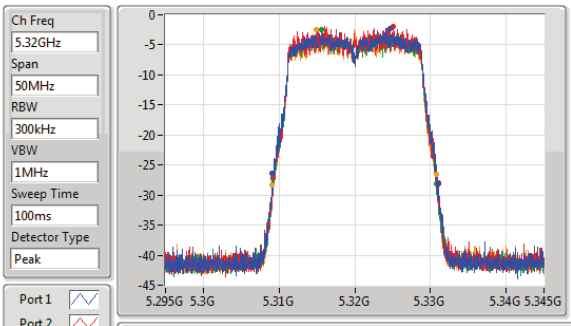


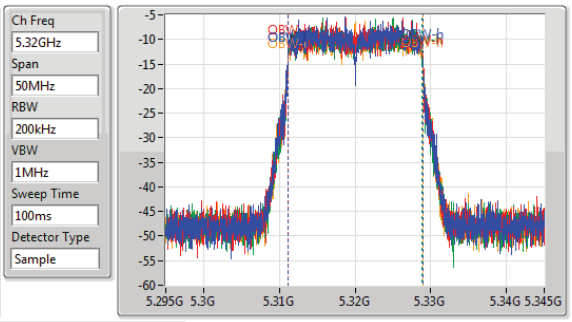
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.289G	5.311G	17.791M	5.291129G	5.308921G	Inf	1
21.675M	5.2892G	5.310875G	17.741M	5.291129G	5.308871G	Inf	2
21.7M	5.289175G	5.310875G	17.741M	5.291154G	5.308896G	Inf	3
21.6M	5.289275G	5.310875G	17.741M	5.291179G	5.308921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

04/09/2018



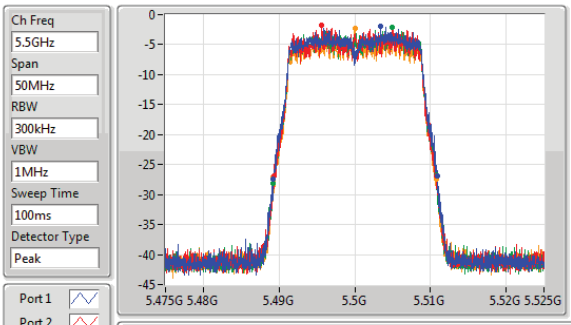


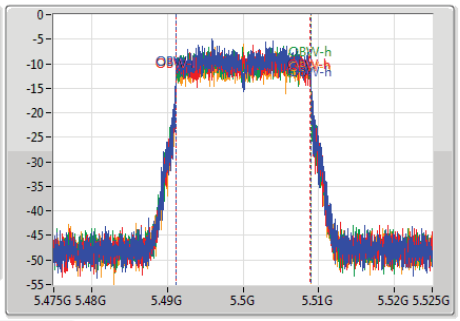
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.95M	5.309125G	5.331075G	17.766M	5.311154G	5.328921G	Inf	1
21.825M	5.309225G	5.33105G	17.766M	5.311179G	5.328946G	Inf	2
21.525M	5.309275G	5.3308G	17.741M	5.311154G	5.328896G	Inf	3
21.675M	5.309125G	5.3308G	17.766M	5.311154G	5.328921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

04/09/2018



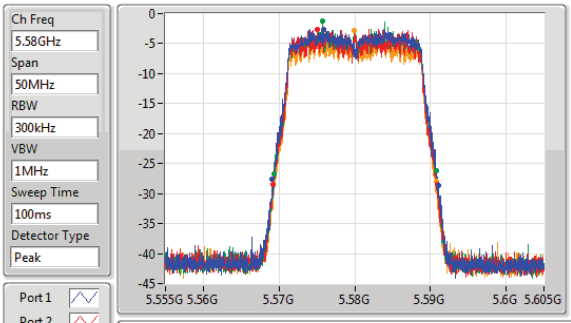


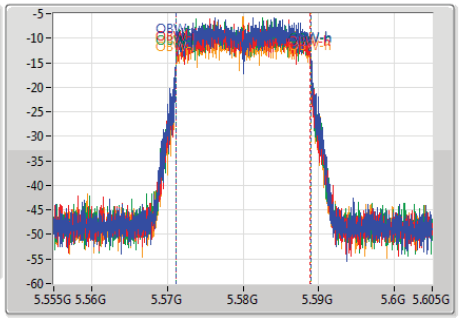
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.489225G	5.51095G	17.791M	5.491179G	5.508971G	Inf	1
21.5M	5.489325G	5.510825G	17.766M	5.491129G	5.508896G	Inf	2
21.575M	5.489225G	5.5108G	17.766M	5.491154G	5.508921G	Inf	3
21.55M	5.489275G	5.510825G	17.741M	5.491179G	5.508921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

04/09/2018



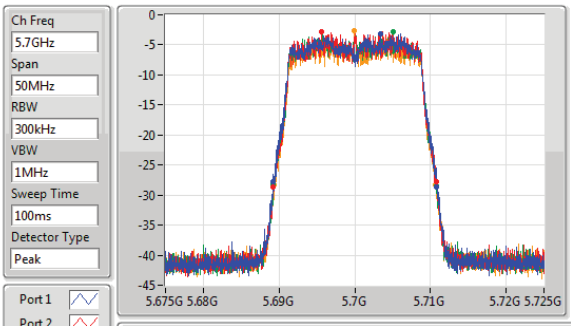


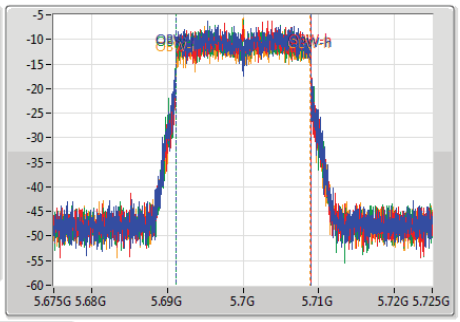
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.925M	5.569125G	5.59105G	17.741M	5.571179G	5.588921G	Inf	1
21.7M	5.569225G	5.590925G	17.716M	5.571179G	5.588896G	Inf	2
21.425M	5.569325G	5.59075G	17.766M	5.571154G	5.588921G	Inf	3
21.55M	5.569225G	5.590775G	17.741M	5.571179G	5.588921G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

04/09/2018



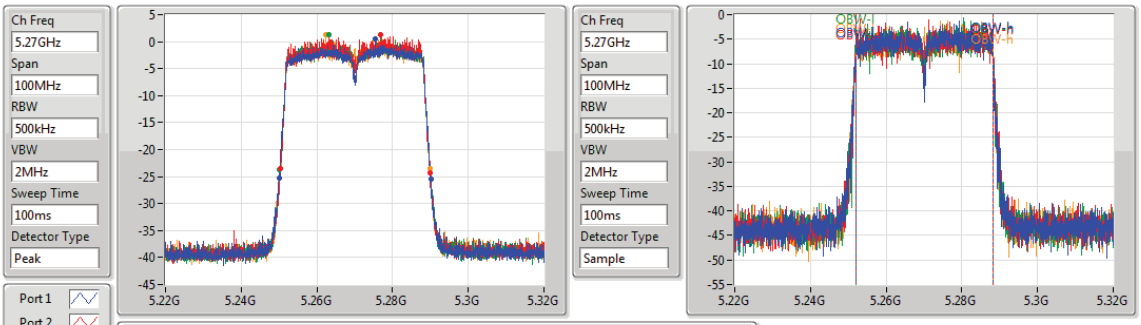


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.689175G	5.71085G	17.766M	5.691154G	5.708921G	Inf	1
21.6M	5.68925G	5.71085G	17.741M	5.691179G	5.708921G	Inf	2
21.525M	5.689275G	5.7108G	17.766M	5.691154G	5.708921G	Inf	3
21.375M	5.689325G	5.7107G	17.716M	5.691179G	5.708896G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

04/09/2018

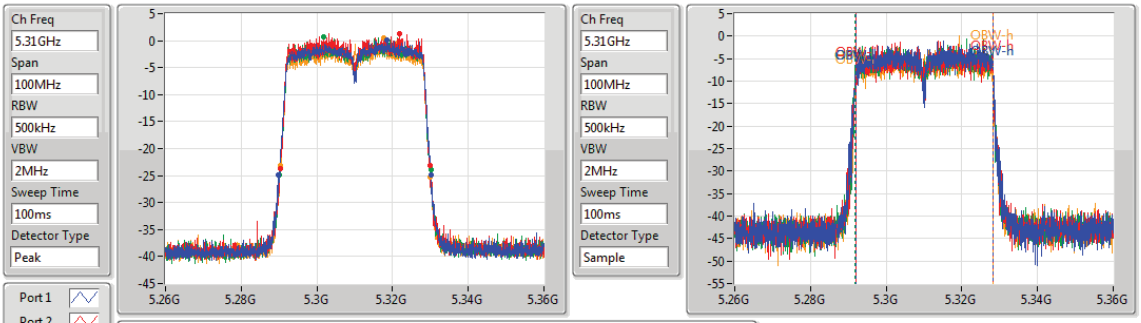


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.24995G	5.29015G	36.182M	5.251959G	5.288141G	Inf	1
39.6M	5.2503G	5.2899G	36.232M	5.251959G	5.288191G	Inf	2
39.85M	5.2502G	5.29005G	36.232M	5.251909G	5.288141G	Inf	3
39.65M	5.25025G	5.2899G	36.232M	5.251959G	5.288191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

04/09/2018

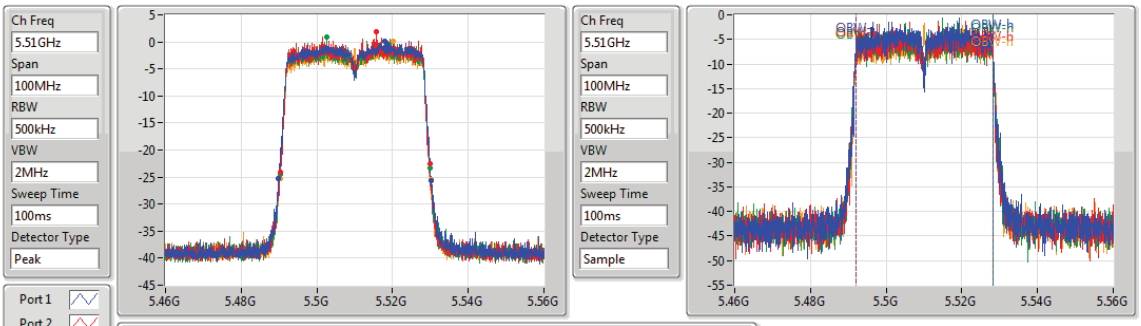


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.2899G	5.3301G	36.232M	5.291959G	5.328191G	Inf	1
39.75M	5.29025G	5.33G	36.282M	5.291909G	5.328191G	Inf	2
40M	5.2901G	5.3301G	36.282M	5.291859G	5.328141G	Inf	3
39.7M	5.29025G	5.32995G	36.282M	5.291909G	5.328191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

04/09/2018

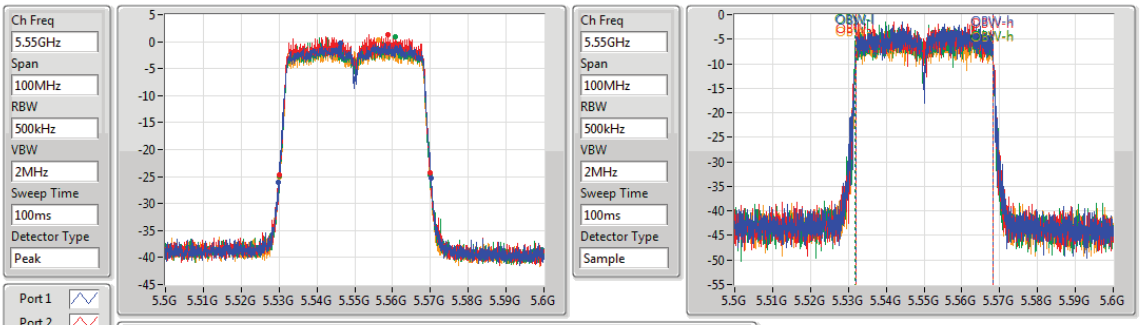


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.45M	5.48985G	5.5303G	36.182M	5.491959G	5.528141G	Inf	1
39.45M	5.49035G	5.5298G	36.232M	5.491959G	5.528191G	Inf	2
39.7M	5.49025G	5.52995G	36.282M	5.491909G	5.528191G	Inf	3
39.85M	5.49025G	5.5301G	36.232M	5.491959G	5.528191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

04/09/2018

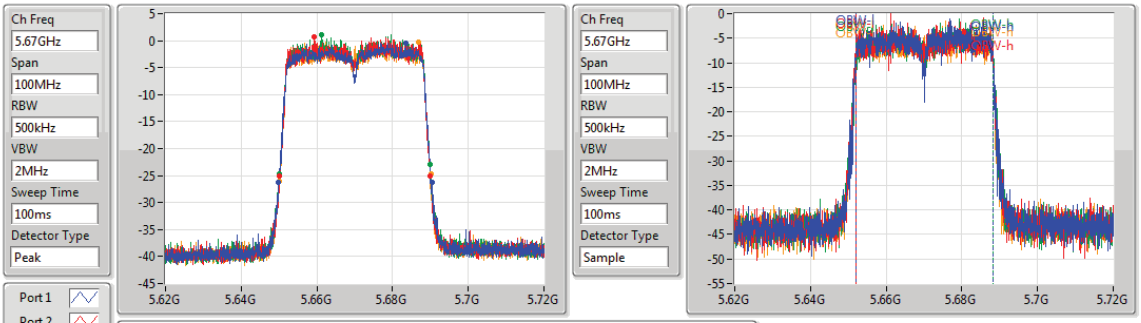


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.5299G	5.57025G	36.232M	5.531909G	5.568141G	Inf	1
40M	5.53G	5.57G	36.282M	5.531909G	5.568191G	Inf	2
39.95M	5.53G	5.56995G	36.282M	5.531859G	5.568141G	Inf	3
39.7M	5.5302G	5.5699G	36.282M	5.531909G	5.568191G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

04/09/2018

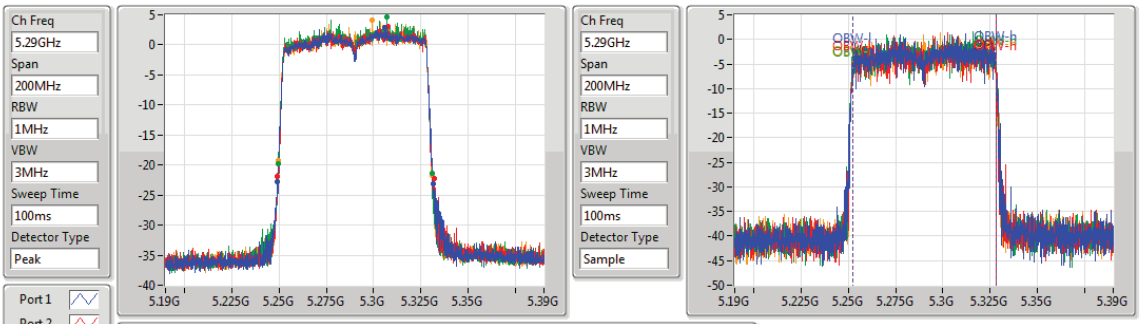


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.55M	5.6498G	5.69035G	36.132M	5.652009G	5.688141G	Inf	1
39.95M	5.65005G	5.69G	36.232M	5.651909G	5.688141G	Inf	2
39.95M	5.6501G	5.69005G	36.282M	5.651959G	5.688241G	Inf	3
40M	5.65015G	5.69015G	36.282M	5.651909G	5.688191G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

04/09/2018

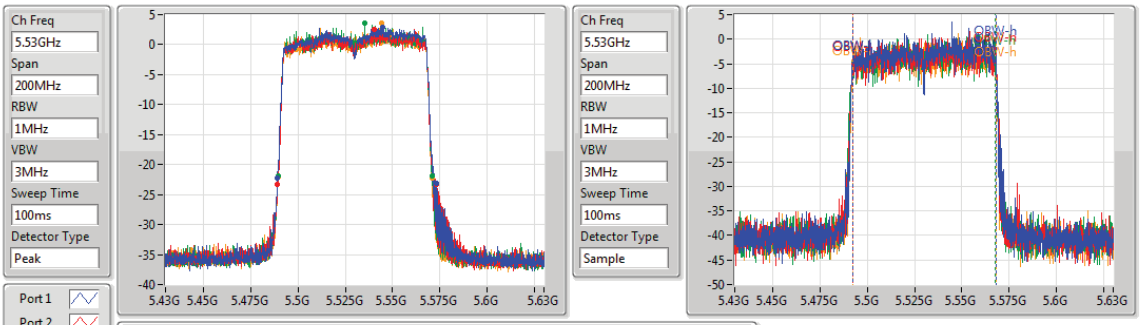


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.2493G	5.3314G	75.762M	5.252219G	5.327981G	Inf	1
82.7M	5.2492G	5.3319G	75.862M	5.252219G	5.328081G	Inf	2
81.4M	5.2494G	5.3308G	75.862M	5.252219G	5.328081G	Inf	3
81.2M	5.2496G	5.3308G	75.662M	5.252319G	5.327981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

04/09/2018

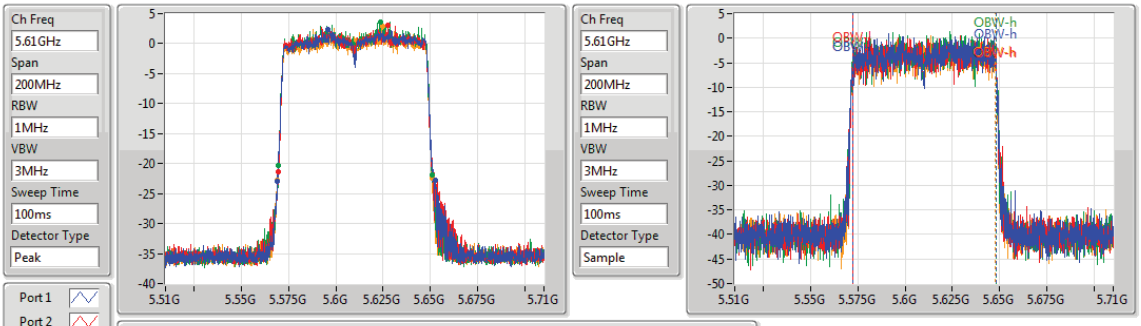


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.9M	5.489G	5.5729G	75.662M	5.492319G	5.567981G	Inf	1
83.8M	5.4892G	5.573G	75.862M	5.492119G	5.567981G	Inf	2
81.3M	5.4894G	5.5707G	75.762M	5.492119G	5.567881G	Inf	3
81.4M	5.4894G	5.5708G	75.862M	5.492119G	5.567981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

04/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.5M	5.5691G	5.6526G	75.762M	5.572219G	5.647981G	Inf	1
82.9M	5.5695G	5.6524G	75.862M	5.572219G	5.648081G	Inf	2
81.5M	5.5696G	5.6511G	75.862M	5.572219G	5.648081G	Inf	3
81.4M	5.5693G	5.6507G	75.662M	5.572219G	5.647881G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.425M	17.816M	17M8D1D	21.8M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	49.45M	36.382M	36M4D1D	40M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.8M	75.762M	75M8D1D	81M	75.762M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.55M	17.816M	17M8D1D	22M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	49.8M	36.332M	36M3D1D	40.35M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.5M	75.962M	76M0D1D	80.9M	75.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

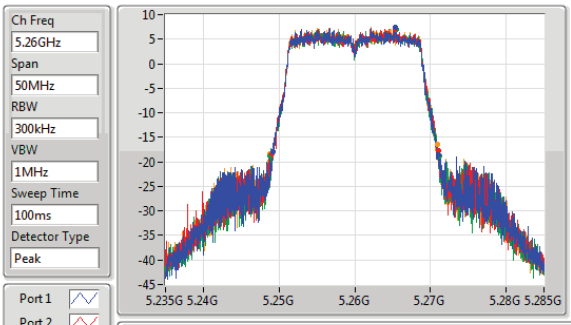
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.875M	17.791M	21.975M	17.791M	22.375M	17.716M	22.25M	17.741M
5300MHz	Pass	Inf	21.975M	17.716M	21.8M	17.816M	21.9M	17.716M	21.825M	17.766M
5320MHz	Pass	Inf	22.275M	17.741M	22.425M	17.716M	22.325M	17.741M	22.375M	17.791M
5500MHz	Pass	Inf	22.025M	17.716M	22.325M	17.791M	22.275M	17.741M	22.175M	17.766M
5580MHz	Pass	Inf	22.2M	17.741M	22.35M	17.791M	22.35M	17.716M	23.525M	17.816M
5700MHz	Pass	Inf	22.35M	17.716M	22.125M	17.741M	23.55M	17.766M	22M	17.766M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	47.35M	36.282M	49.45M	36.232M	45M	36.232M	40M	36.382M
5310MHz	Pass	Inf	45.5M	36.332M	47.6M	36.232M	48.5M	36.232M	44.9M	36.282M
5510MHz	Pass	Inf	40.4M	36.232M	40.8M	36.232M	40.35M	36.232M	47.35M	36.282M
5550MHz	Pass	Inf	47.3M	36.282M	49.35M	36.332M	47.95M	36.232M	49.5M	36.232M
5670MHz	Pass	Inf	45.45M	36.282M	47.75M	36.232M	49.8M	36.232M	49.4M	36.332M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.2M	75.762M	81.8M	75.762M	81M	75.762M	81.2M	75.762M
5530MHz	Pass	Inf	82.5M	75.762M	82M	75.762M	81.3M	75.762M	81.3M	75.962M
5610MHz	Pass	Inf	81.4M	75.962M	80.9M	75.962M	81.4M	75.762M	81.1M	75.962M

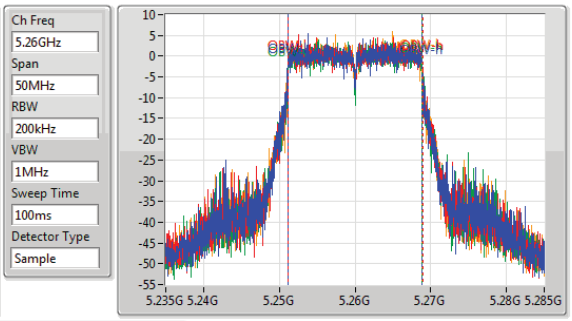
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

07/09/2018



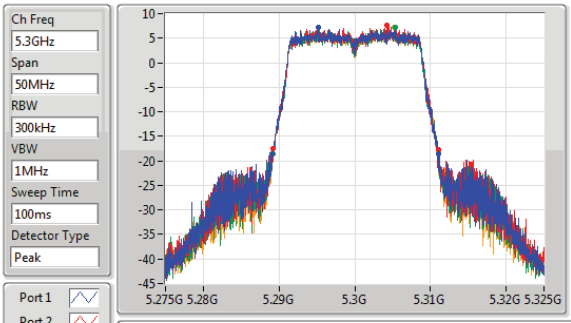


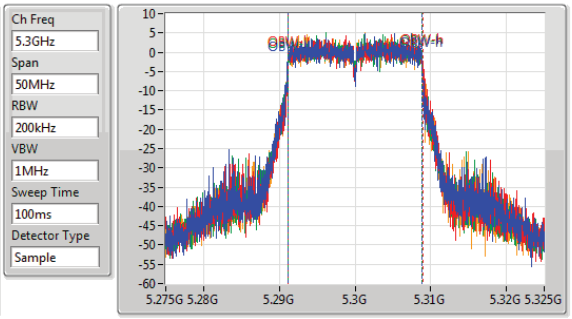
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.24915G	5.271025G	17.791M	5.251104G	5.268896G	Inf	1
21.975M	5.249075G	5.27105G	17.791M	5.251129G	5.268921G	Inf	2
22.375M	5.248775G	5.27115G	17.716M	5.251179G	5.268896G	Inf	3
22.25M	5.248725G	5.270975G	17.741M	5.251154G	5.268896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

07/09/2018



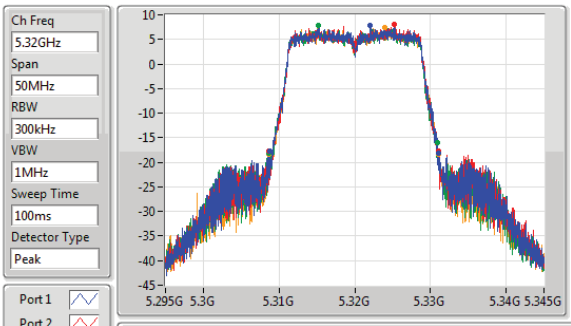


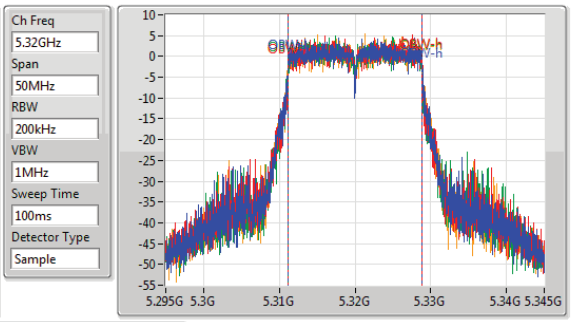
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.975M	5.289125G	5.3111G	17.716M	5.291129G	5.308846G	Inf	1
21.8M	5.28925G	5.31105G	17.816M	5.291129G	5.308946G	Inf	2
21.9M	5.28915G	5.31105G	17.716M	5.291154G	5.308871G	Inf	3
21.825M	5.2892G	5.311025G	17.766M	5.291129G	5.308896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

07/09/2018



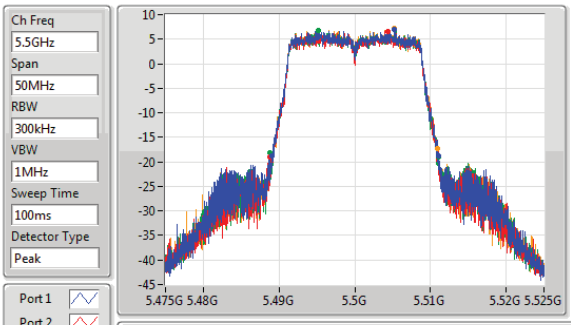


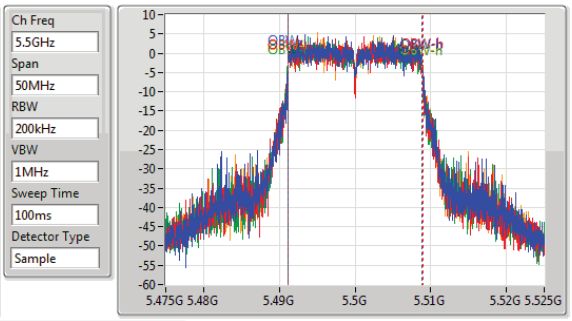
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.275M	5.30885G	5.331125G	17.741M	5.311154G	5.328896G	Inf	1
22.425M	5.308675G	5.3311G	17.716M	5.311154G	5.328871G	Inf	2
22.325M	5.30865G	5.330975G	17.741M	5.311129G	5.328871G	Inf	3
22.375M	5.3087G	5.331075G	17.791M	5.311104G	5.328896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

07/09/2018



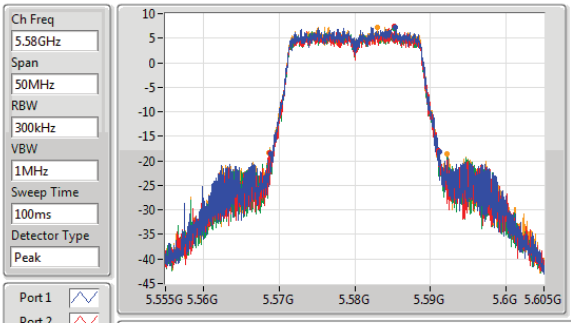


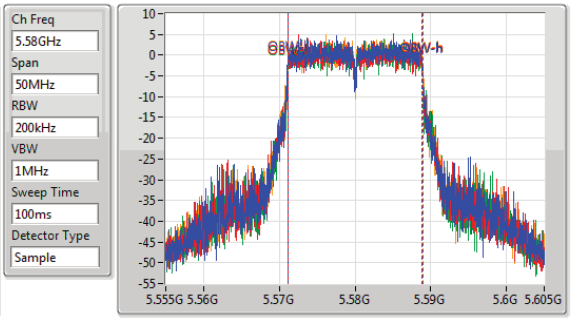
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.025M	5.489075G	5.5111G	17.716M	5.491179G	5.508896G	Inf	1
22.325M	5.488725G	5.51105G	17.791M	5.491129G	5.508921G	Inf	2
22.275M	5.488825G	5.5111G	17.741M	5.491129G	5.508871G	Inf	3
22.175M	5.488825G	5.511G	17.766M	5.491129G	5.508896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

07/09/2018



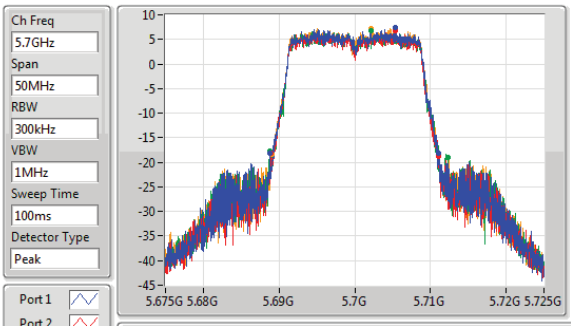


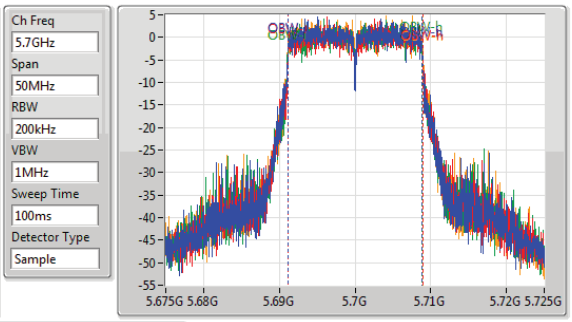
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	5.56895G	5.59115G	17.741M	5.571154G	5.588896G	Inf	1
22.35M	5.568775G	5.591125G	17.791M	5.571154G	5.588946G	Inf	2
22.35M	5.568725G	5.591075G	17.716M	5.571154G	5.588871G	Inf	3
23.525M	5.5686G	5.592125G	17.816M	5.571104G	5.588921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

07/09/2018



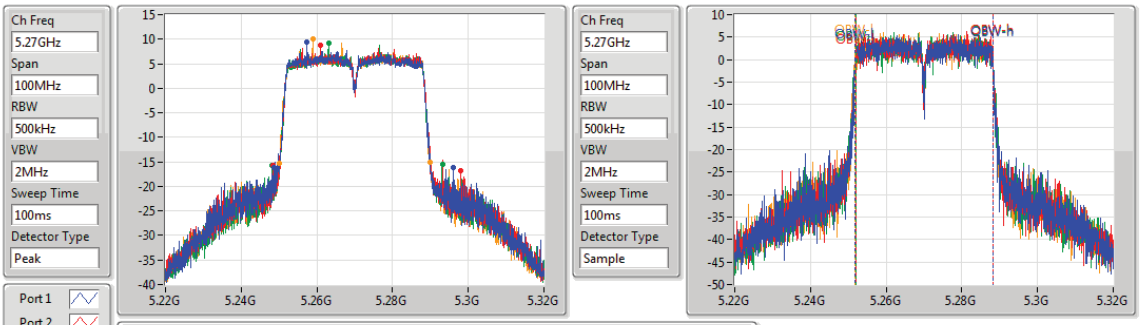


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.35M	5.688775G	5.711125G	17.716M	5.691154G	5.708871G	Inf	1
22.125M	5.6889G	5.711025G	17.741M	5.691179G	5.708921G	Inf	2
23.55M	5.688725G	5.712275G	17.766M	5.691129G	5.708896G	Inf	3
22M	5.6891G	5.7111G	17.766M	5.691154G	5.708921G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

07/09/2018

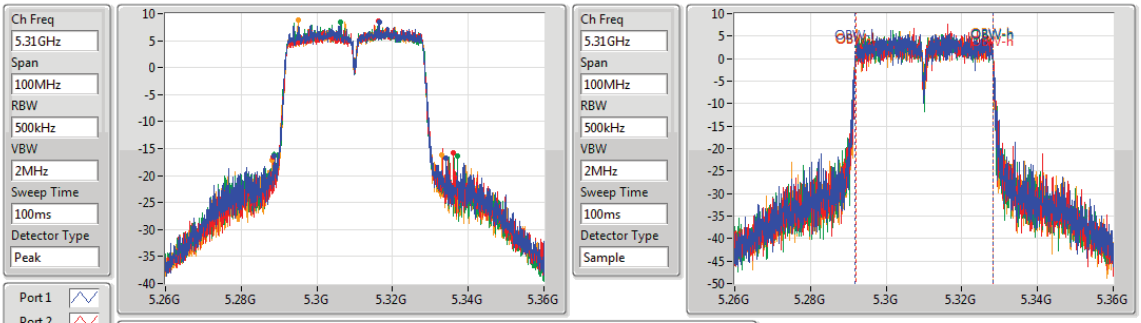


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.35M	5.24875G	5.2961G	36.282M	5.251859G	5.288141G	Inf	1
49.45M	5.24855G	5.298G	36.232M	5.251909G	5.288141G	Inf	2
45M	5.2482G	5.2932G	36.232M	5.251909G	5.288141G	Inf	3
40M	5.25G	5.29G	36.382M	5.251809G	5.288191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

07/09/2018

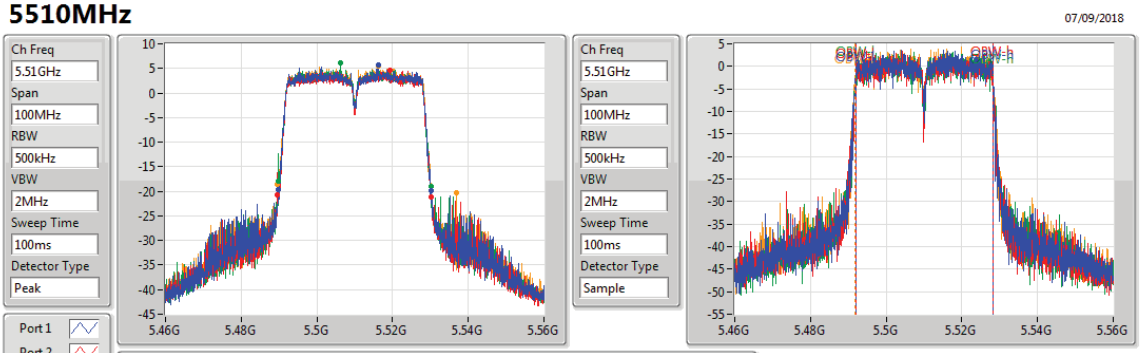


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.5M	5.28865G	5.33415G	36.332M	5.291859G	5.328191G	Inf	1
47.6M	5.28855G	5.33615G	36.232M	5.291959G	5.328191G	Inf	2
48.5M	5.2886G	5.3371G	36.232M	5.291909G	5.328141G	Inf	3
44.9M	5.2881G	5.333G	36.282M	5.291909G	5.328191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

07/09/2018

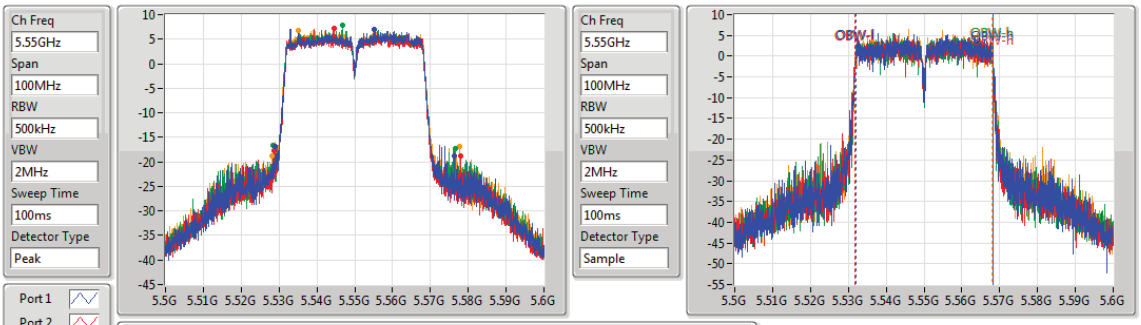


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.48975G	5.53015G	36.232M	5.491909G	5.528141G	Inf	1
40.8M	5.48945G	5.53025G	36.232M	5.491909G	5.528141G	Inf	2
40.35M	5.48975G	5.5301G	36.232M	5.491909G	5.528141G	Inf	3
47.35M	5.4896G	5.53695G	36.282M	5.491859G	5.528141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

07/09/2018

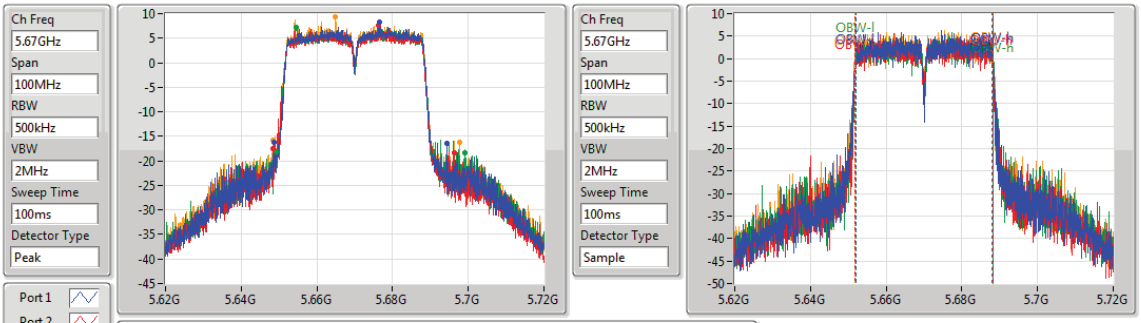


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.3M	5.5289G	5.5762G	36.282M	5.531909G	5.568191G	Inf	1
49.35M	5.52865G	5.578G	36.332M	5.531859G	5.568191G	Inf	2
47.95M	5.52855G	5.5765G	36.232M	5.531909G	5.568141G	Inf	3
49.5M	5.5281G	5.5776G	36.232M	5.531859G	5.568091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

07/09/2018

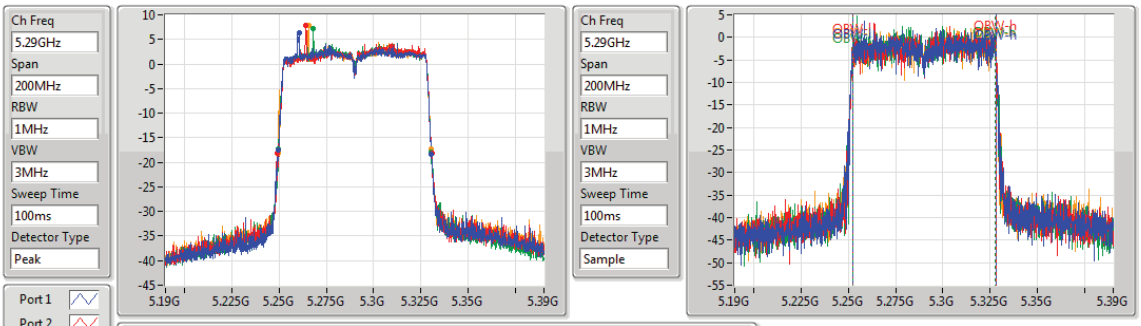


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.45M	5.6488G	5.69425G	36.282M	5.651909G	5.688191G	Inf	1
47.75M	5.64855G	5.6963G	36.232M	5.651859G	5.688091G	Inf	2
49.8M	5.6492G	5.699G	36.232M	5.651909G	5.688141G	Inf	3
49.4M	5.6483G	5.6977G	36.332M	5.651809G	5.688141G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

07/09/2018

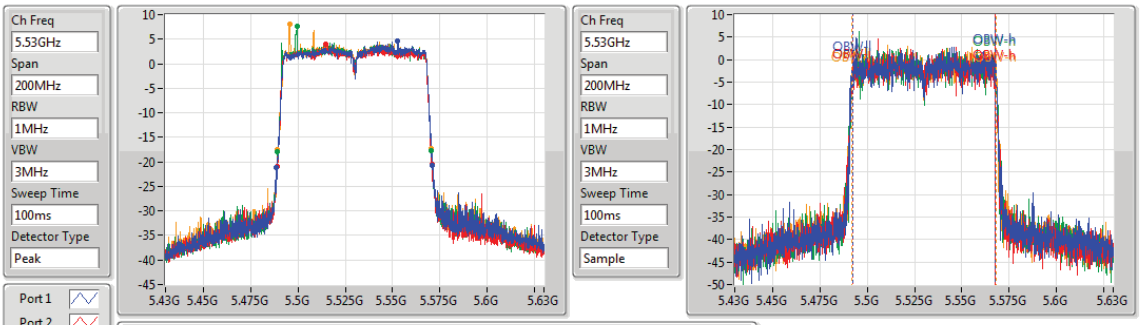


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.2M	5.2494G	5.3306G	75.762M	5.252219G	5.327981G	Inf	1
81.8M	5.2489G	5.3307G	75.762M	5.252219G	5.327981G	Inf	2
81M	5.2495G	5.3305G	75.762M	5.252119G	5.327881G	Inf	3
81.2M	5.2494G	5.3306G	75.762M	5.252219G	5.327981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

07/09/2018

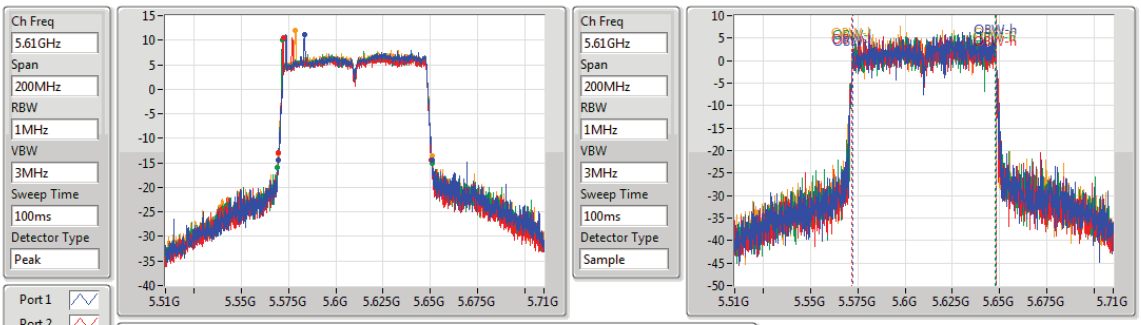


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.5M	5.4887G	5.5712G	75.762M	5.492119G	5.567881G	Inf	1
82M	5.489G	5.571G	75.762M	5.492119G	5.567881G	Inf	2
81.3M	5.4893G	5.5706G	75.762M	5.492119G	5.567881G	Inf	3
81.3M	5.4893G	5.5706G	75.962M	5.492019G	5.567981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

07/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.5694G	5.6508G	75.962M	5.572119G	5.648081G	Inf	1
80.9M	5.5697G	5.6506G	75.962M	5.572019G	5.647981G	Inf	2
81.4M	5.5693G	5.6507G	75.762M	5.572119G	5.647881G	Inf	3
81.1M	5.5696G	5.6507G	75.962M	5.572019G	5.647981G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.9M	17.791M	17M8D1D	21.6M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.6M	36.332M	36M3D1D	39.85M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.6M	75.962M	76M0D1D	81.2M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.825M	17.791M	17M8D1D	21.625M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.7M	36.332M	36M3D1D	39.75M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.6M	75.962M	76M0D1D	80.7M	75.662M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

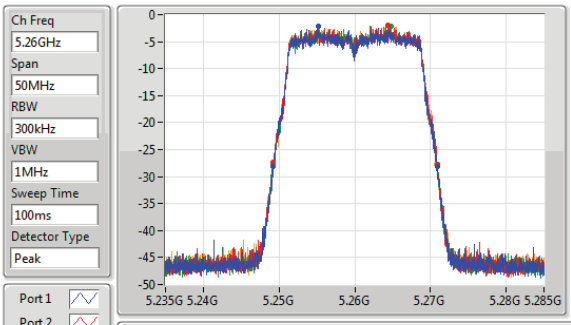
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.65M	17.716M	21.6M	17.766M	21.7M	17.791M	21.625M	17.791M
5300MHz	Pass	Inf	21.6M	17.741M	21.675M	17.766M	21.725M	17.766M	21.825M	17.791M
5320MHz	Pass	Inf	21.75M	17.791M	21.775M	17.716M	21.9M	17.766M	21.6M	17.716M
5500MHz	Pass	Inf	21.7M	17.741M	21.7M	17.791M	21.8M	17.766M	21.775M	17.766M
5580MHz	Pass	Inf	21.825M	17.766M	21.675M	17.741M	21.625M	17.741M	21.775M	17.791M
5700MHz	Pass	Inf	21.8M	17.716M	21.65M	17.766M	21.75M	17.716M	21.8M	17.741M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.6M	36.232M	40.35M	36.232M	40.15M	36.132M	40.2M	36.332M
5310MHz	Pass	Inf	40.1M	36.282M	40.1M	36.282M	39.95M	36.232M	39.85M	36.132M
5510MHz	Pass	Inf	40.05M	36.182M	39.85M	36.332M	40.7M	36.182M	39.75M	36.232M
5550MHz	Pass	Inf	40.05M	36.182M	40.4M	36.182M	40.2M	36.232M	40.1M	36.182M
5670MHz	Pass	Inf	40.25M	36.282M	40.15M	36.232M	40.3M	36.232M	40.05M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.6M	75.662M	81.3M	75.962M	81.2M	75.762M	81.5M	75.862M
5530MHz	Pass	Inf	81.4M	75.862M	82.3M	75.862M	82M	75.662M	81M	75.962M
5610MHz	Pass	Inf	82M	75.762M	82.6M	75.762M	80.9M	75.962M	80.7M	75.862M

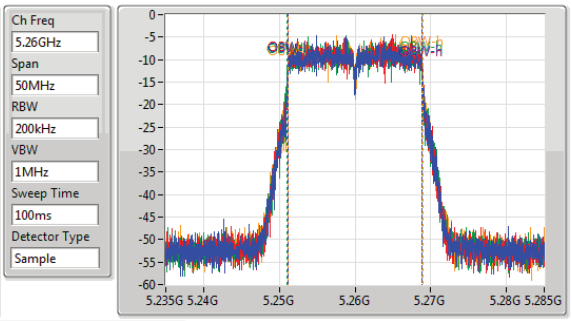
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

07/09/2018



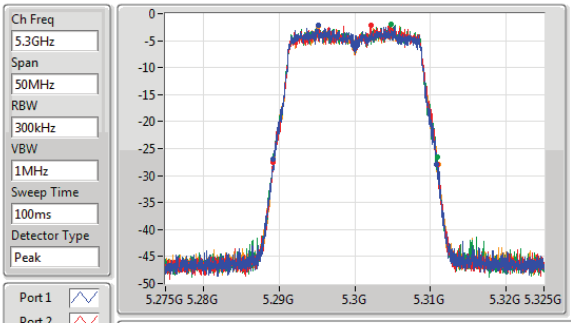


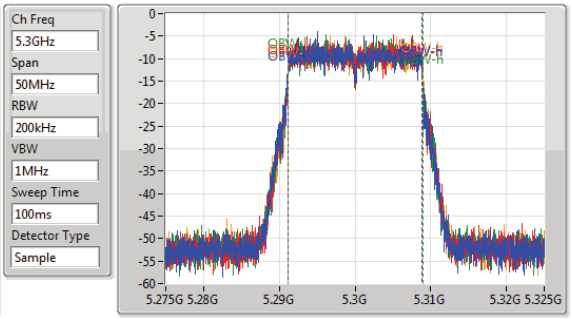
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.249225G	5.270875G	17.716M	5.251154G	5.268871G	Inf	1
21.6M	5.249275G	5.270875G	17.766M	5.251129G	5.268896G	Inf	2
21.7M	5.249225G	5.270925G	17.791M	5.251079G	5.268871G	Inf	3
21.625M	5.2492G	5.270825G	17.791M	5.251129G	5.268921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

07/09/2018



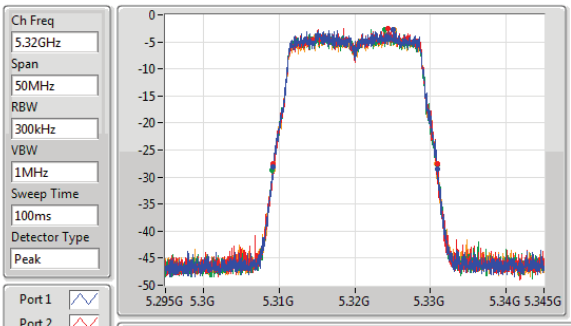


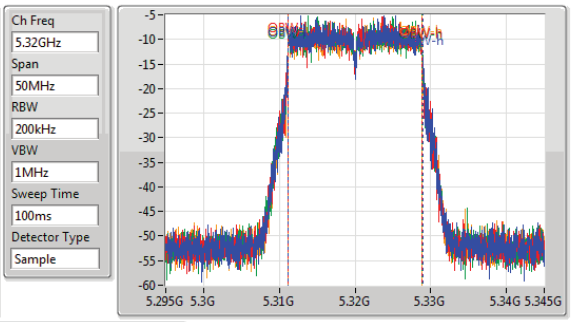
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.28925G	5.31085G	17.741M	5.291129G	5.308871G	Inf	1
21.675M	5.289225G	5.3109G	17.766M	5.291129G	5.308896G	Inf	2
21.725M	5.289175G	5.3109G	17.766M	5.291154G	5.308921G	Inf	3
21.825M	5.289225G	5.31105G	17.791M	5.291129G	5.308921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

07/09/2018



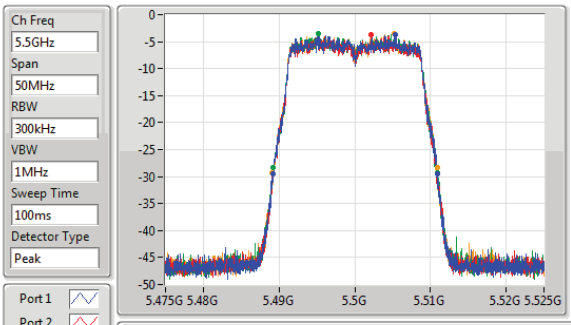


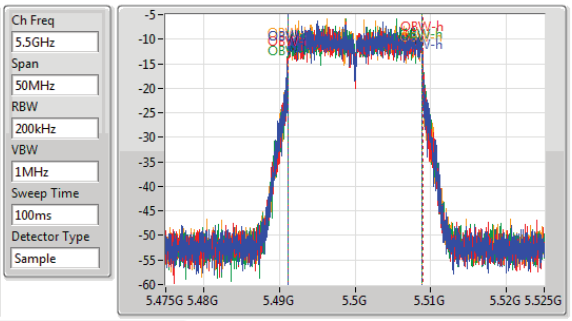
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.309175G	5.330925G	17.791M	5.311129G	5.328921G	Inf	1
21.775M	5.309175G	5.33095G	17.716M	5.311179G	5.328896G	Inf	2
21.9M	5.309075G	5.330975G	17.766M	5.311129G	5.328896G	Inf	3
21.6M	5.309225G	5.330825G	17.716M	5.311154G	5.328871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

07/09/2018



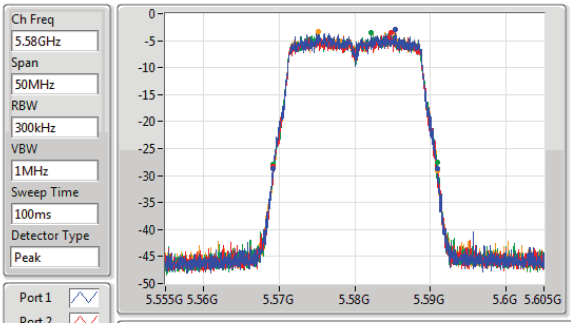


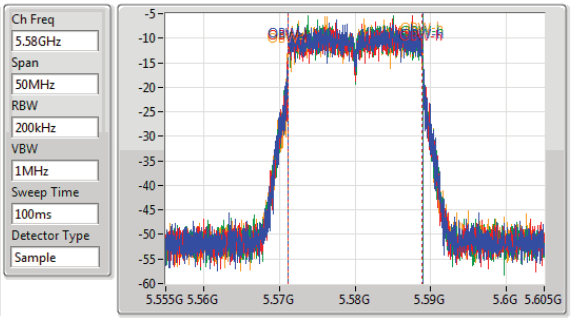
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.489175G	5.510875G	17.741M	5.491154G	5.508896G	Inf	1
21.7M	5.4892G	5.5109G	17.791M	5.491129G	5.508921G	Inf	2
21.8M	5.4892G	5.511G	17.766M	5.491129G	5.508896G	Inf	3
21.775M	5.489125G	5.5109G	17.766M	5.491129G	5.508896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

07/09/2018



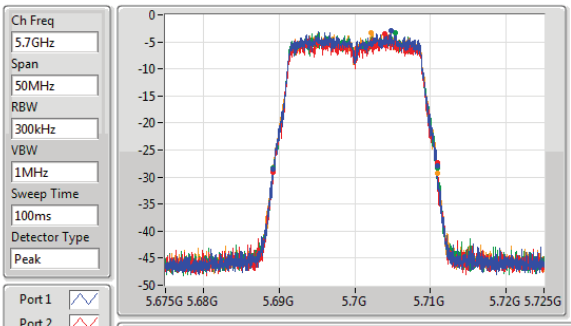


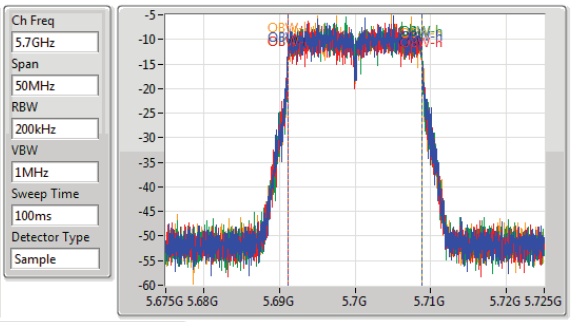
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.56915G	5.590975G	17.766M	5.571154G	5.588921G	Inf	1
21.675M	5.5692G	5.590875G	17.741M	5.571154G	5.588896G	Inf	2
21.625M	5.56925G	5.590875G	17.741M	5.571179G	5.588921G	Inf	3
21.775M	5.5692G	5.590975G	17.791M	5.571129G	5.588921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

07/09/2018



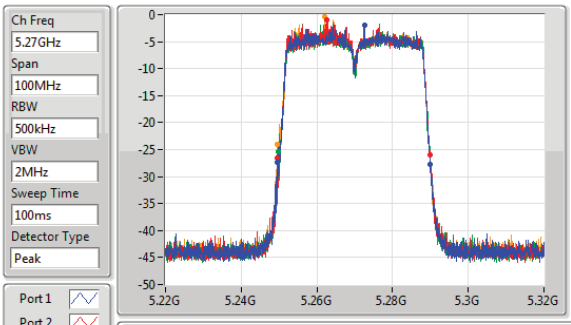


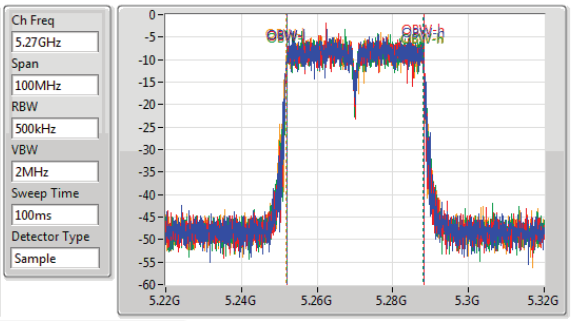
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.689175G	5.710975G	17.716M	5.691154G	5.708871G	Inf	1
21.65M	5.689225G	5.710875G	17.766M	5.691129G	5.708896G	Inf	2
21.75M	5.689175G	5.710925G	17.716M	5.691154G	5.708871G	Inf	3
21.8M	5.689175G	5.710975G	17.741M	5.691129G	5.708871G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

07/09/2018



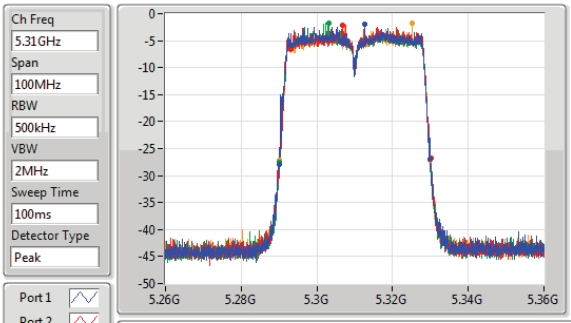


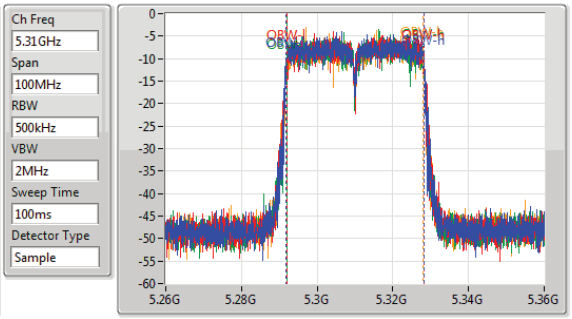
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.6M	5.24945G	5.29005G	36.232M	5.251909G	5.288141G	Inf	1
40.35M	5.2496G	5.28995G	36.232M	5.251909G	5.288141G	Inf	2
40.15M	5.2498G	5.28995G	36.132M	5.251959G	5.288091G	Inf	3
40.2M	5.24965G	5.28985G	36.332M	5.251809G	5.288141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

07/09/2018



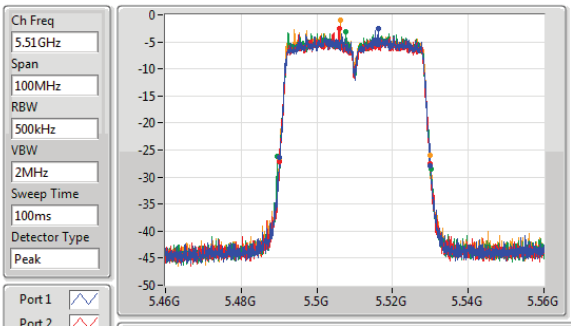


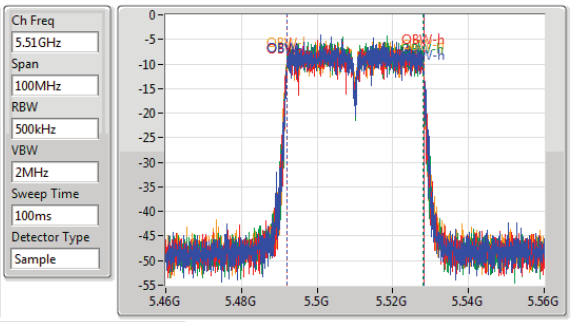
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.28995G	5.33005G	36.282M	5.291859G	5.328141G	Inf	1
40.1M	5.29G	5.3301G	36.282M	5.291909G	5.328191G	Inf	2
39.95M	5.29G	5.32995G	36.232M	5.291909G	5.328141G	Inf	3
39.85M	5.29015G	5.33G	36.132M	5.291959G	5.328091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

07/09/2018



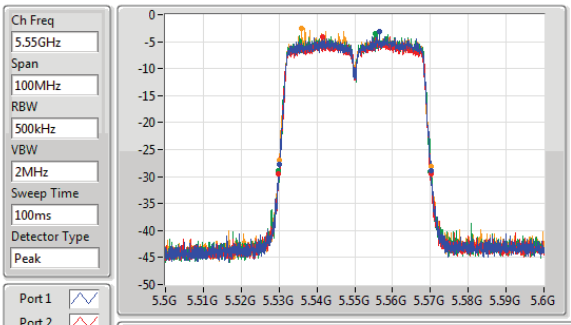


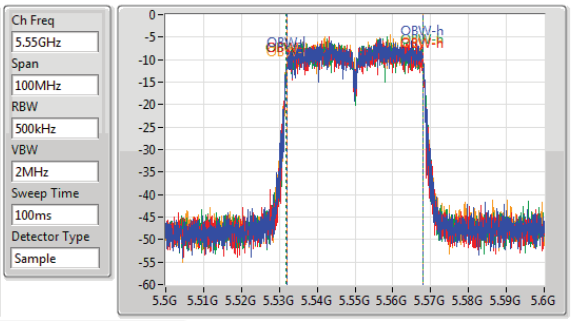
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.49G	5.53005G	36.182M	5.491959G	5.528141G	Inf	1
39.85M	5.49005G	5.5299G	36.332M	5.491909G	5.528241G	Inf	2
40.7M	5.48945G	5.53015G	36.182M	5.491909G	5.528091G	Inf	3
39.75M	5.4902G	5.52995G	36.232M	5.491909G	5.528141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

07/09/2018



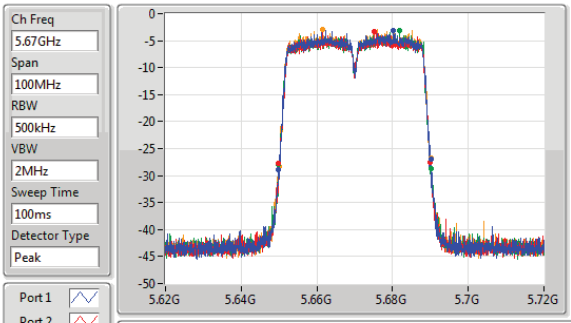


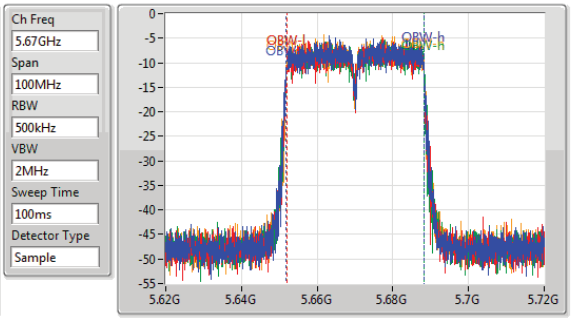
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.5301G	5.57015G	36.182M	5.531909G	5.568091G	Inf	1
40.4M	5.5298G	5.5702G	36.182M	5.531909G	5.568091G	Inf	2
40.2M	5.52985G	5.57005G	36.232M	5.531859G	5.568091G	Inf	3
40.1M	5.53G	5.5701G	36.182M	5.531909G	5.568091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

07/09/2018



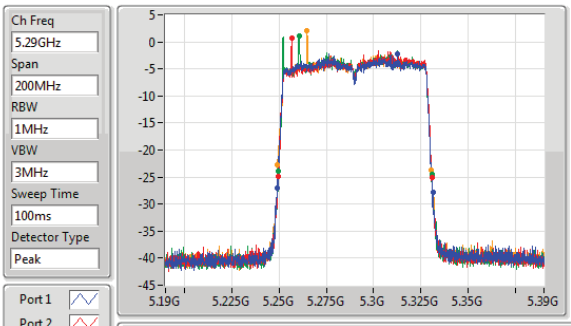


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.64985G	5.6901G	36.282M	5.651859G	5.688141G	Inf	1
40.15M	5.6499G	5.69005G	36.232M	5.651909G	5.688141G	Inf	2
40.3M	5.6499G	5.6902G	36.232M	5.651959G	5.688191G	Inf	3
40.05M	5.6501G	5.69015G	36.132M	5.652009G	5.688141G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

07/09/2018

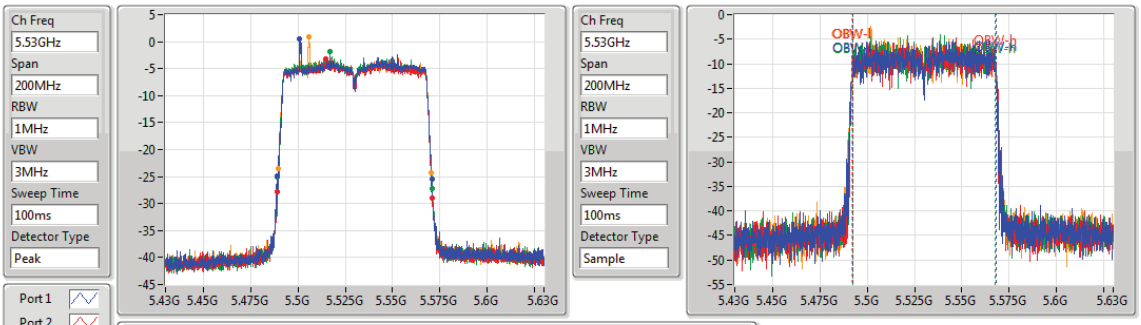


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.6M	5.2488G	5.3314G	75.662M	5.252219G	5.327881G	Inf	1
81.3M	5.2494G	5.3307G	75.962M	5.252019G	5.327981G	Inf	2
81.2M	5.2495G	5.3307G	75.762M	5.252119G	5.327881G	Inf	3
81.5M	5.2491G	5.3306G	75.862M	5.252119G	5.327981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5530MHz

07/09/2018

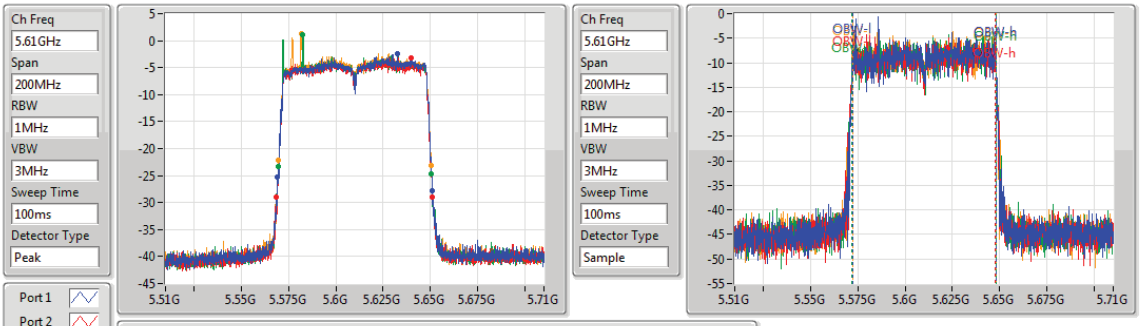


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.4893G	5.5707G	75.862M	5.492119G	5.567981G	Inf	1
82.3M	5.4889G	5.5712G	75.862M	5.492119G	5.567981G	Inf	2
82M	5.489G	5.571G	75.662M	5.492219G	5.567881G	Inf	3
81M	5.4895G	5.5705G	75.962M	5.492019G	5.567981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5610MHz

07/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.5692G	5.6512G	75.762M	5.572219G	5.647981G	Inf	1
82.6M	5.5686G	5.6512G	75.762M	5.572119G	5.647881G	Inf	2
80.9M	5.5696G	5.6505G	75.962M	5.572019G	5.647981G	Inf	3
80.7M	5.5698G	5.6505G	75.862M	5.572119G	5.647981G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.9M	17.791M	17M8D1D	21.475M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.4M	36.282M	36M3D1D	39.8M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.2M	75.762M	75M8D1D	80.7M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.825M	17.766M	17M8D1D	21.4M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.45M	36.332M	36M3D1D	39.9M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	83.4M	75.862M	75M9D1D	81.7M	75.562M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

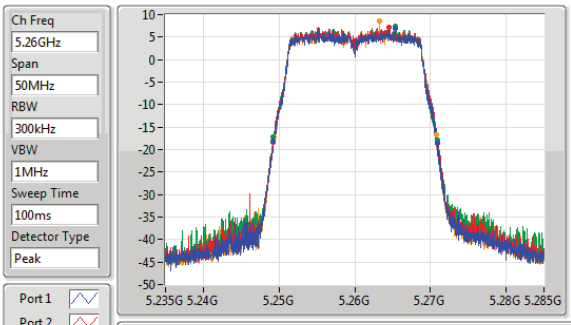
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.7M	17.741M	21.725M	17.691M	21.75M	17.691M	21.475M	17.766M
5300MHz	Pass	Inf	21.85M	17.741M	21.875M	17.716M	21.8M	17.766M	21.775M	17.791M
5320MHz	Pass	Inf	21.725M	17.741M	21.825M	17.791M	21.9M	17.791M	21.85M	17.791M
5500MHz	Pass	Inf	21.7M	17.716M	21.675M	17.741M	21.7M	17.741M	21.825M	17.741M
5580MHz	Pass	Inf	21.725M	17.741M	21.75M	17.741M	21.625M	17.766M	21.775M	17.766M
5700MHz	Pass	Inf	21.65M	17.766M	21.4M	17.766M	21.65M	17.741M	21.65M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.4M	36.232M	39.9M	36.232M	40.1M	36.282M	40.25M	36.282M
5310MHz	Pass	Inf	40.25M	36.182M	40.1M	36.282M	40.05M	36.232M	39.8M	36.232M
5510MHz	Pass	Inf	40.35M	36.232M	40.25M	36.232M	40.35M	36.232M	40.1M	36.182M
5550MHz	Pass	Inf	40.35M	36.332M	40.35M	36.232M	40.45M	36.282M	40.15M	36.232M
5670MHz	Pass	Inf	40.2M	36.232M	39.9M	36.232M	40.05M	36.182M	40.3M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.7M	75.662M	80.7M	75.762M	82.2M	75.662M	80.9M	75.662M
5530MHz	Pass	Inf	83.1M	75.762M	83.4M	75.562M	81.9M	75.762M	82M	75.662M
5610MHz	Pass	Inf	81.7M	75.862M	83.4M	75.762M	81.9M	75.862M	82.6M	75.762M

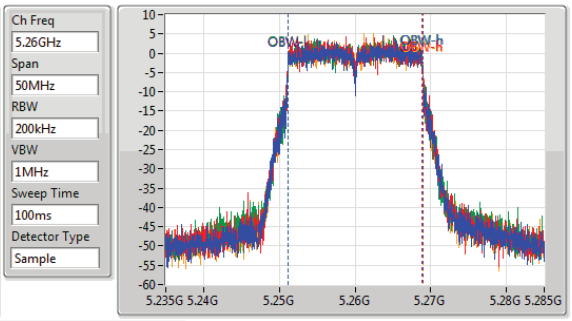
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

19/09/2018



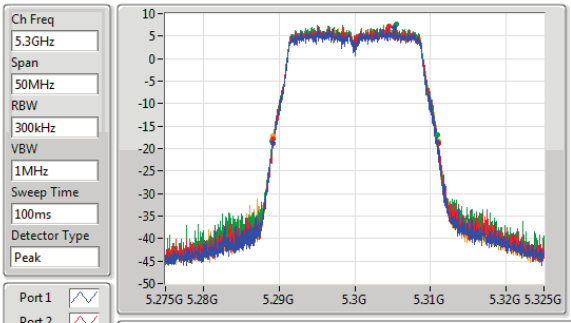


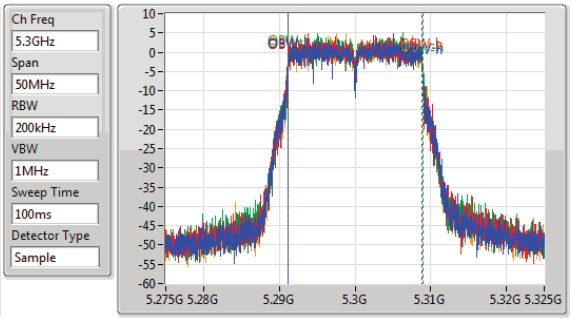
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.2492G	5.2709G	17.741M	5.251179G	5.268921G	Inf	1
21.725M	5.249225G	5.27095G	17.691M	5.251179G	5.268871G	Inf	2
21.75M	5.249225G	5.270975G	17.691M	5.251179G	5.268871G	Inf	3
21.475M	5.24935G	5.270825G	17.766M	5.251154G	5.268921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

19/09/2018



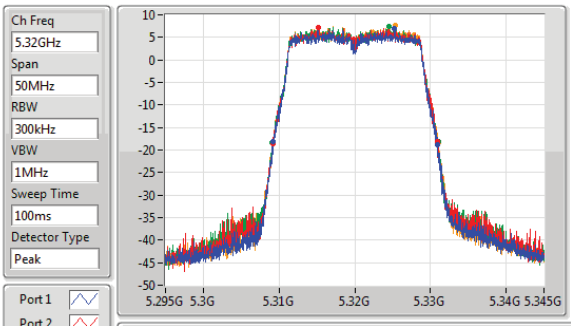


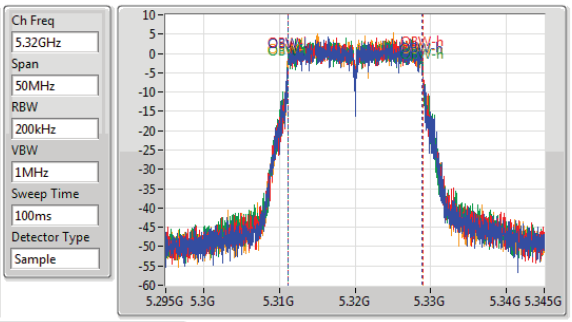
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.28915G	5.311G	17.741M	5.291154G	5.308896G	Inf	1
21.875M	5.2892G	5.311075G	17.716M	5.291154G	5.308871G	Inf	2
21.8M	5.2891G	5.3109G	17.766M	5.291154G	5.308921G	Inf	3
21.775M	5.28925G	5.311025G	17.791M	5.291129G	5.308921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

19/09/2018



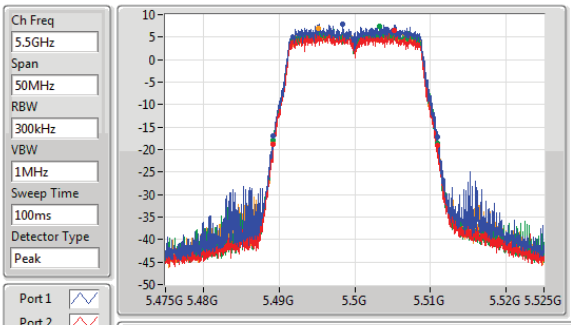


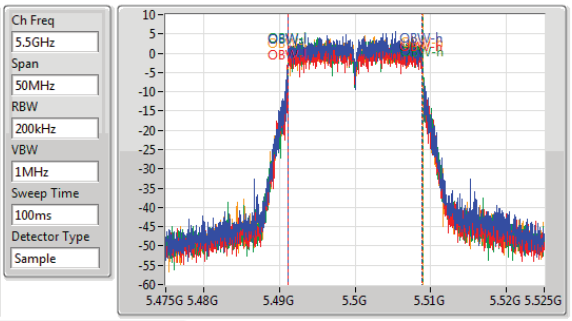
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.309225G	5.33095G	17.741M	5.311154G	5.328896G	Inf	1
21.825M	5.30915G	5.330975G	17.791M	5.311129G	5.328921G	Inf	2
21.9M	5.309125G	5.331025G	17.791M	5.311129G	5.328921G	Inf	3
21.85M	5.3092G	5.33105G	17.791M	5.311129G	5.328921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

19/09/2018



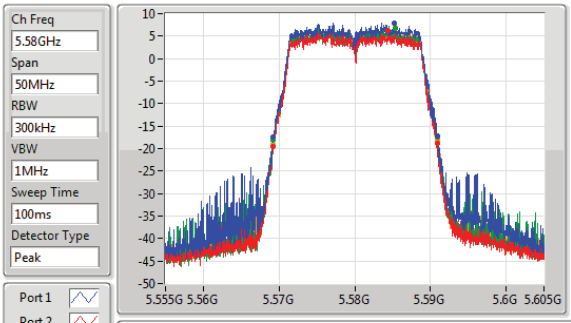


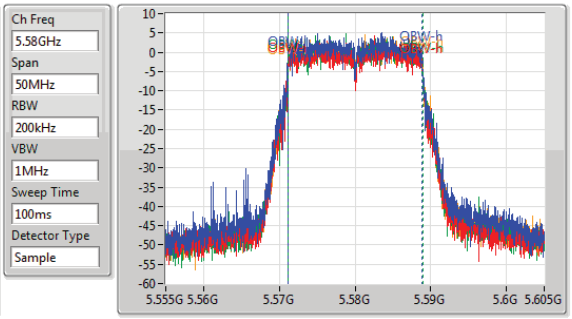
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.48925G	5.51095G	17.716M	5.491179G	5.508896G	Inf	1
21.675M	5.489275G	5.51095G	17.741M	5.491154G	5.508896G	Inf	2
21.7M	5.48925G	5.51095G	17.741M	5.491179G	5.508921G	Inf	3
21.825M	5.48915G	5.510975G	17.741M	5.491179G	5.508921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

19/09/2018



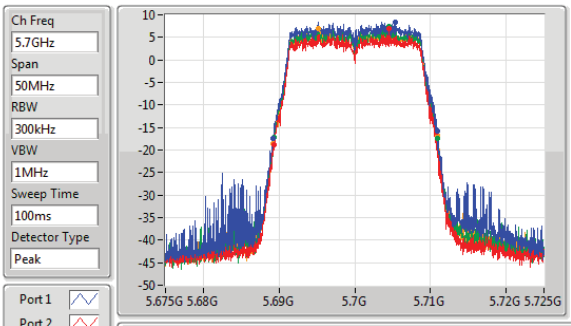


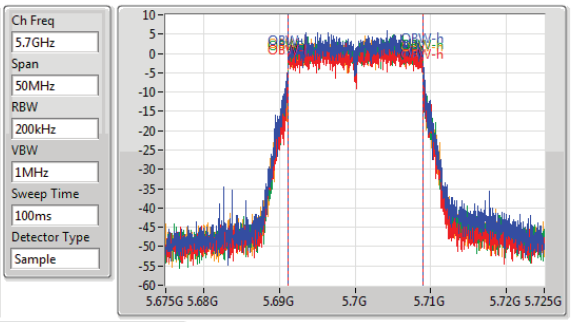
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.569275G	5.591G	17.741M	5.571154G	5.588896G	Inf	1
21.75M	5.569225G	5.590975G	17.741M	5.571154G	5.588896G	Inf	2
21.625M	5.569275G	5.5909G	17.766M	5.571154G	5.588921G	Inf	3
21.775M	5.569225G	5.591G	17.766M	5.571154G	5.588921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

19/09/2018



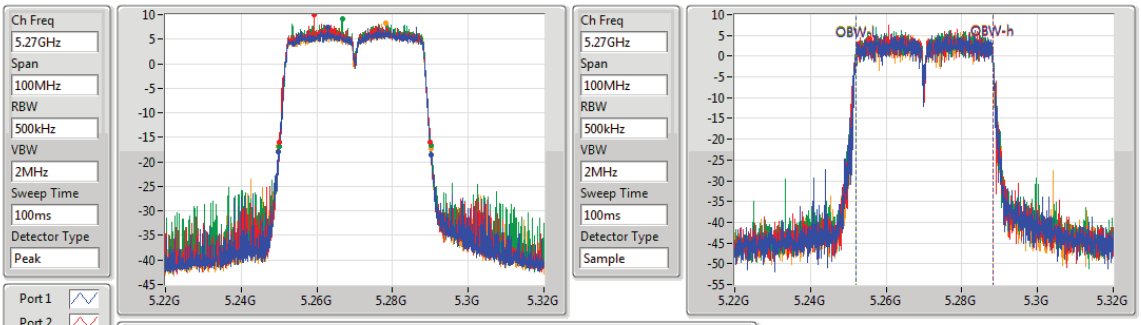


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.689275G	5.710925G	17.766M	5.691179G	5.708946G	Inf	1
21.4M	5.68935G	5.71075G	17.766M	5.691179G	5.708946G	Inf	2
21.65M	5.6893G	5.71095G	17.741M	5.691179G	5.708921G	Inf	3
21.65M	5.689275G	5.710925G	17.716M	5.691204G	5.708921G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

19/09/2018

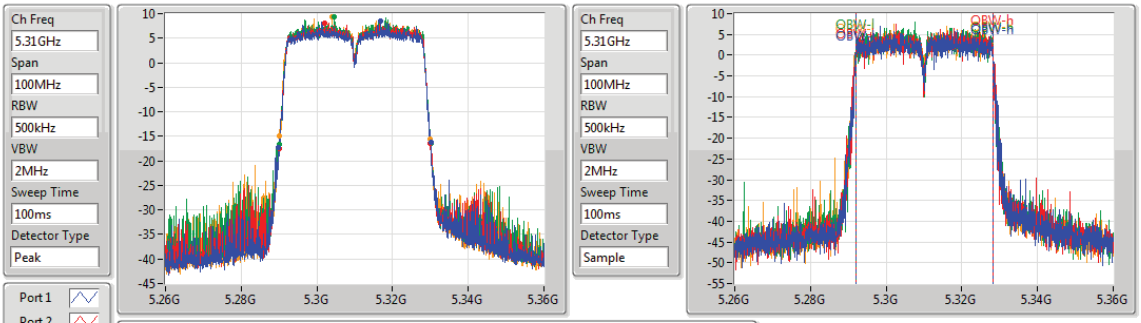


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.2499G	5.2903G	36.232M	5.251909G	5.288141G	Inf	1
39.9M	5.2501G	5.29G	36.232M	5.251959G	5.288191G	Inf	2
40.1M	5.25G	5.2901G	36.282M	5.251909G	5.288191G	Inf	3
40.25M	5.2499G	5.29015G	36.282M	5.251909G	5.288191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

19/09/2018

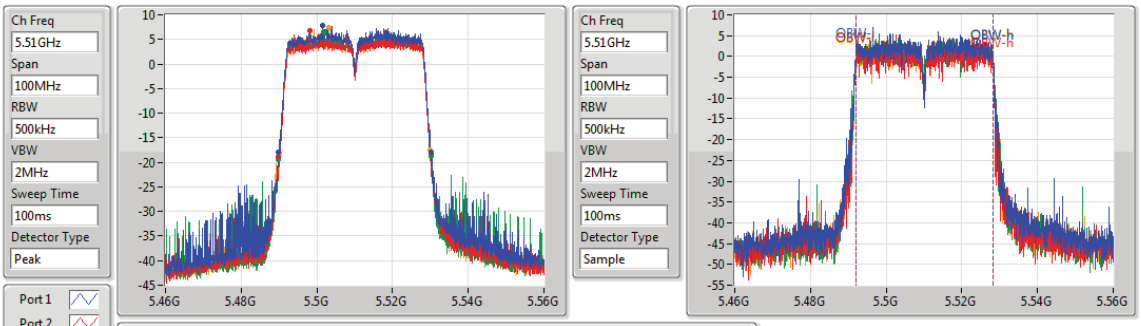


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.28985G	5.3301G	36.182M	5.291959G	5.328141G	Inf	1
40.1M	5.28995G	5.33005G	36.282M	5.291909G	5.328191G	Inf	2
40.05M	5.29005G	5.3301G	36.232M	5.291909G	5.328141G	Inf	3
39.8M	5.29015G	5.32995G	36.232M	5.291909G	5.328141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

19/09/2018

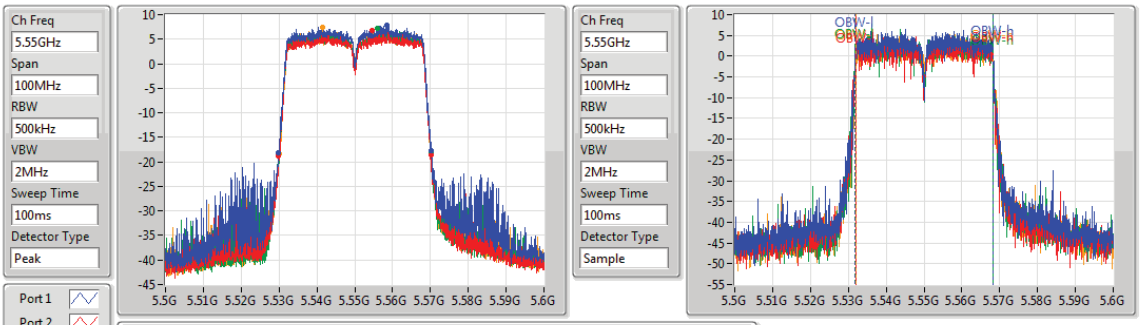


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.4899G	5.53025G	36.232M	5.491959G	5.528191G	Inf	1
40.25M	5.4899G	5.53015G	36.232M	5.491959G	5.528191G	Inf	2
40.35M	5.4898G	5.53015G	36.232M	5.491909G	5.528141G	Inf	3
40.1M	5.48995G	5.53005G	36.182M	5.491959G	5.528141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

19/09/2018

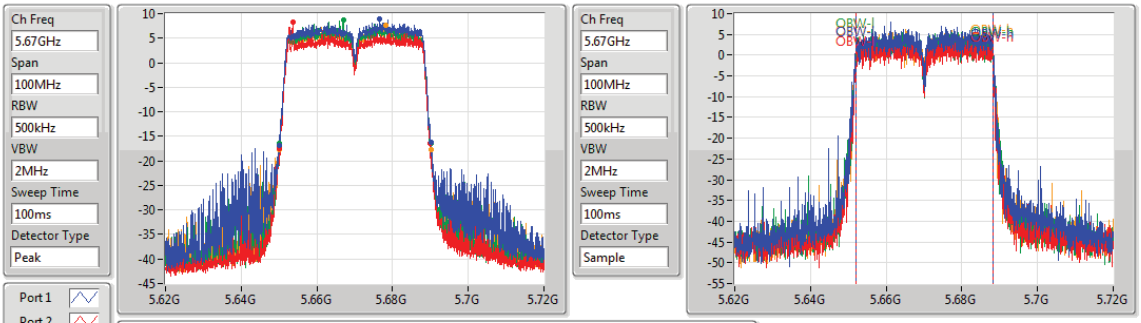


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.5299G	5.57025G	36.332M	5.531859G	5.568191G	Inf	1
40.35M	5.52985G	5.5702G	36.232M	5.531909G	5.568141G	Inf	2
40.45M	5.52985G	5.5703G	36.282M	5.531859G	5.568141G	Inf	3
40.15M	5.53G	5.57015G	36.232M	5.531959G	5.568191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

19/09/2018

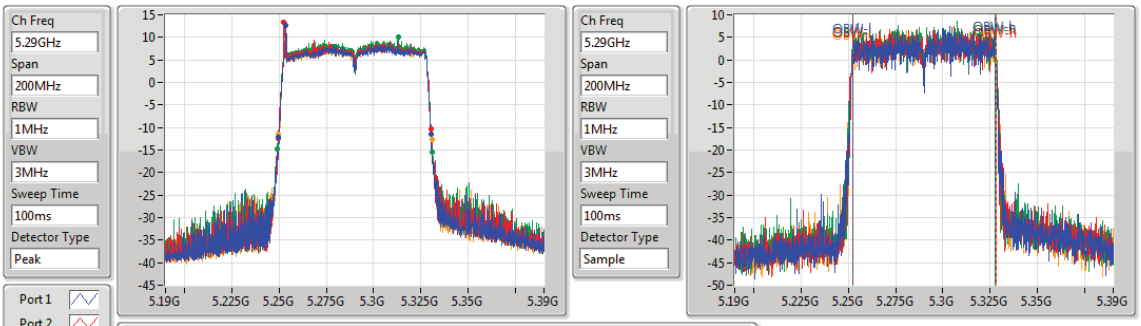


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.65005G	5.69025G	36.232M	5.651959G	5.688191G	Inf	1
39.9M	5.6501G	5.69G	36.232M	5.651959G	5.688191G	Inf	2
40.05M	5.6501G	5.69015G	36.182M	5.651959G	5.688141G	Inf	3
40.3M	5.65G	5.6903G	36.232M	5.651959G	5.688191G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

19/09/2018

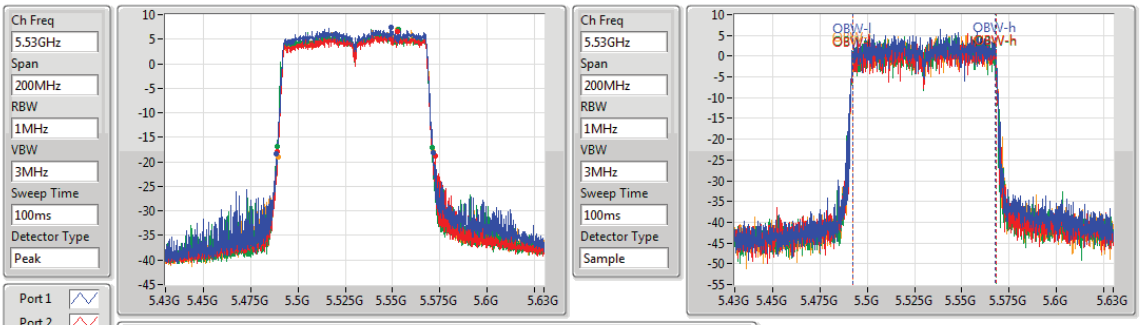


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.7M	5.2498G	5.3305G	75.662M	5.252219G	5.327881G	Inf	1
80.7M	5.2495G	5.3302G	75.762M	5.252219G	5.327981G	Inf	2
82.2M	5.2489G	5.3311G	75.662M	5.252219G	5.327881G	Inf	3
80.9M	5.2498G	5.3307G	75.662M	5.252319G	5.327981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

19/09/2018

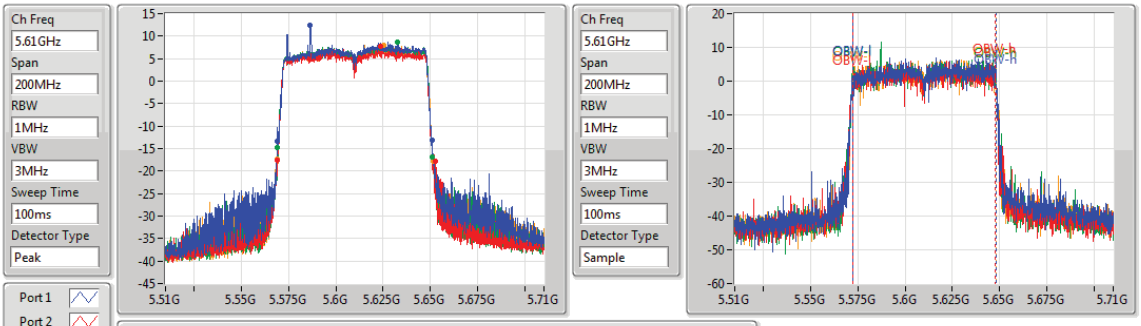


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.1M	5.4885G	5.5716G	75.762M	5.492119G	5.567881G	Inf	1
83.4M	5.4891G	5.5725G	75.562M	5.492419G	5.567981G	Inf	2
81.9M	5.4891G	5.571G	75.762M	5.492219G	5.567981G	Inf	3
82M	5.4894G	5.5714G	75.662M	5.492319G	5.567981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

19/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.569G	5.6507G	75.862M	5.572219G	5.648081G	Inf	1
83.4M	5.5693G	5.6527G	75.762M	5.572119G	5.647881G	Inf	2
81.9M	5.5693G	5.6512G	75.862M	5.572119G	5.647981G	Inf	3
82.6M	5.5688G	5.6514G	75.762M	5.572219G	5.647981G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.525M	17.816M	17M8D1D	21.075M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.25M	36.282M	36M3D1D	39.6M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.1M	75.862M	75M9D1D	80.8M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.7M	17.816M	17M8D1D	21.1M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.15M	36.282M	36M3D1D	39.5M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.2M	75.862M	75M9D1D	81.1M	75.562M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

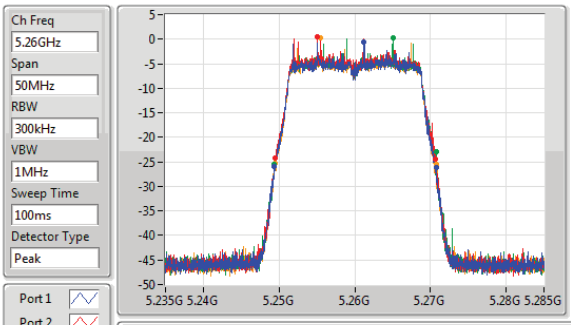
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.375M	17.766M	21.2M	17.741M	21.35M	17.766M	21.25M	17.716M
5300MHz	Pass	Inf	21.35M	17.766M	21.35M	17.716M	21.075M	17.716M	21.525M	17.766M
5320MHz	Pass	Inf	21.4M	17.766M	21.375M	17.816M	21.225M	17.716M	21.375M	17.691M
5500MHz	Pass	Inf	21.7M	17.716M	21.3M	17.741M	21.475M	17.816M	21.475M	17.716M
5580MHz	Pass	Inf	21.475M	17.741M	21.275M	17.716M	21.4M	17.766M	21.225M	17.716M
5700MHz	Pass	Inf	21.675M	17.766M	21.1M	17.716M	21.15M	17.741M	21.1M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.25M	36.182M	39.65M	36.232M	39.9M	36.282M	40.05M	36.232M
5310MHz	Pass	Inf	40.1M	36.282M	39.75M	36.232M	39.6M	36.232M	39.85M	36.232M
5510MHz	Pass	Inf	40.15M	36.282M	40M	36.282M	40.05M	36.232M	39.95M	36.182M
5550MHz	Pass	Inf	40.1M	36.232M	39.7M	36.232M	39.7M	36.232M	39.75M	36.232M
5670MHz	Pass	Inf	39.9M	36.232M	39.85M	36.232M	39.5M	36.282M	39.55M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.8M	75.762M	81.1M	75.862M	81.1M	75.662M	81.1M	75.862M
5530MHz	Pass	Inf	81.2M	75.862M	82.2M	75.862M	81.3M	75.762M	81.3M	75.762M
5610MHz	Pass	Inf	82.1M	75.762M	81.3M	75.862M	81.1M	75.862M	81.3M	75.562M

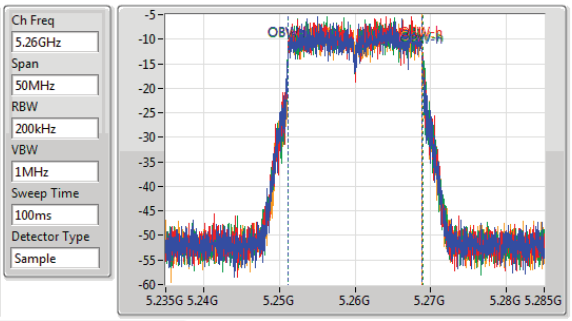
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

19/09/2018



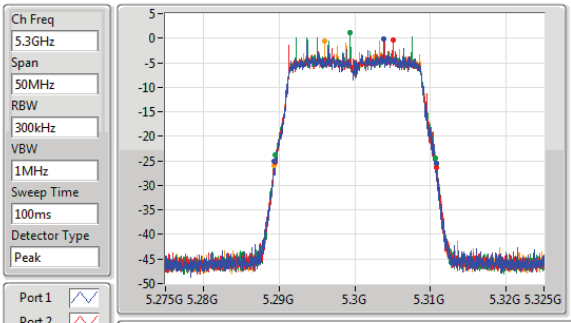


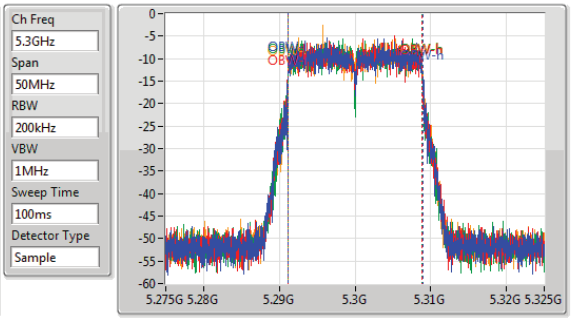
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.249375G	5.27075G	17.766M	5.251129G	5.268896G	Inf	1
21.2M	5.249475G	5.270675G	17.741M	5.251154G	5.268896G	Inf	2
21.35M	5.2494G	5.27075G	17.766M	5.251154G	5.268921G	Inf	3
21.25M	5.249475G	5.270725G	17.716M	5.251179G	5.268896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

19/09/2018



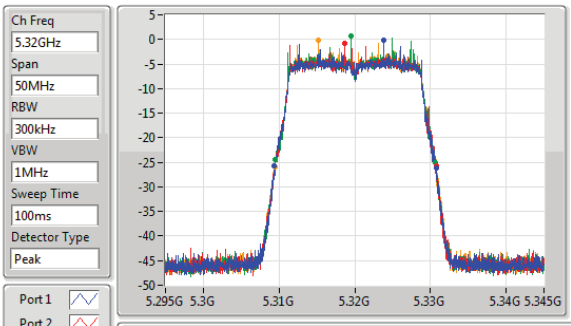


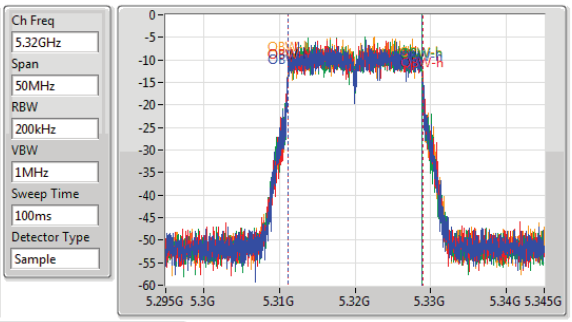
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.35M	5.2894G	5.31075G	17.766M	5.291154G	5.308921G	Inf	1
21.35M	5.289425G	5.310775G	17.716M	5.291154G	5.308871G	Inf	2
21.075M	5.28955G	5.310625G	17.716M	5.291154G	5.308871G	Inf	3
21.525M	5.2893G	5.310825G	17.766M	5.291154G	5.308921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

19/09/2018



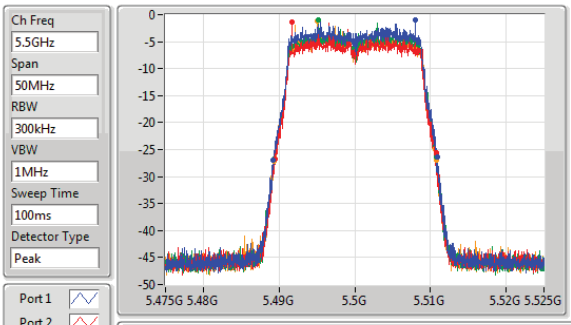


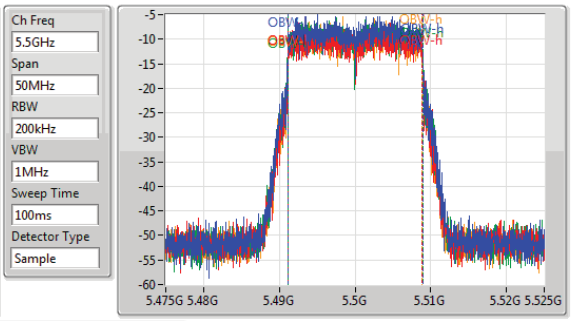
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.4M	5.3094G	5.3308G	17.766M	5.311129G	5.328896G	Inf	1
21.375M	5.309375G	5.33075G	17.816M	5.311129G	5.328946G	Inf	2
21.225M	5.309475G	5.3307G	17.716M	5.311154G	5.328871G	Inf	3
21.375M	5.309425G	5.3308G	17.691M	5.311179G	5.328871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

19/09/2018



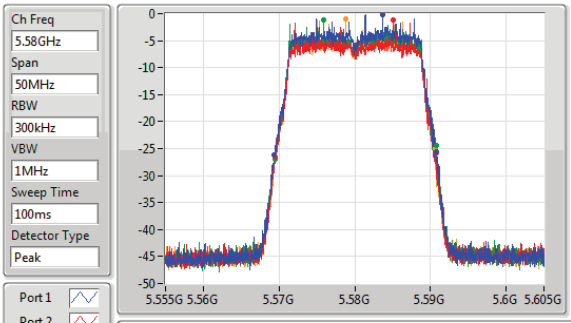


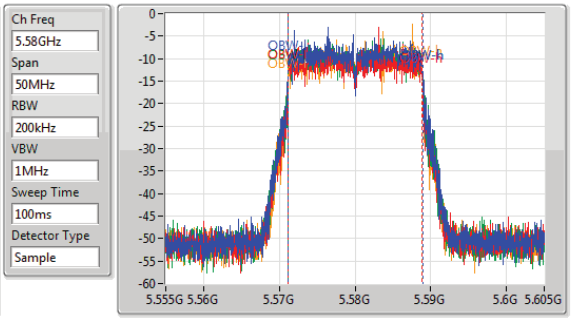
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.489225G	5.510925G	17.716M	5.491204G	5.508921G	Inf	1
21.3M	5.489425G	5.510725G	17.741M	5.491154G	5.508896G	Inf	2
21.475M	5.48935G	5.510825G	17.816M	5.491129G	5.508946G	Inf	3
21.475M	5.48935G	5.510825G	17.716M	5.491154G	5.508871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

19/09/2018



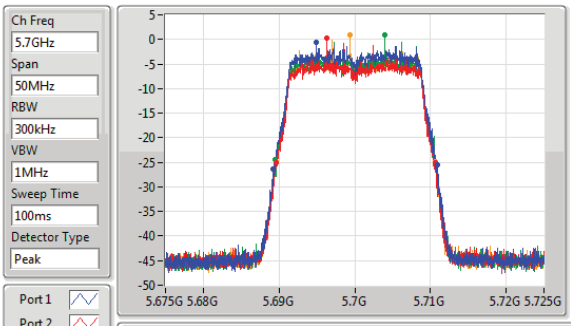


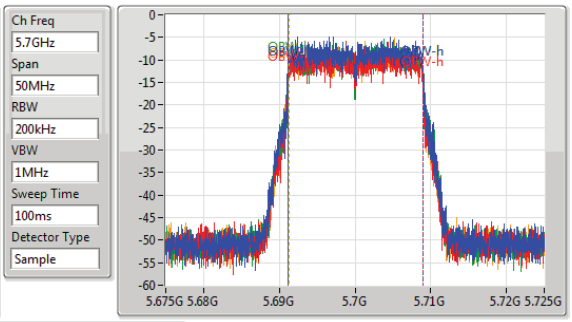
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.475M	5.569325G	5.5908G	17.741M	5.571179G	5.588921G	Inf	1
21.275M	5.569475G	5.59075G	17.716M	5.571179G	5.588896G	Inf	2
21.4M	5.569425G	5.590825G	17.766M	5.571179G	5.588946G	Inf	3
21.225M	5.56945G	5.590675G	17.716M	5.571179G	5.588896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

19/09/2018



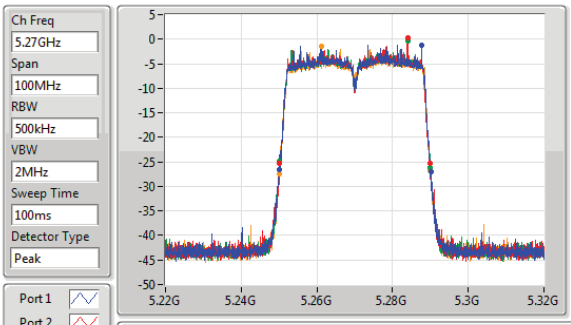


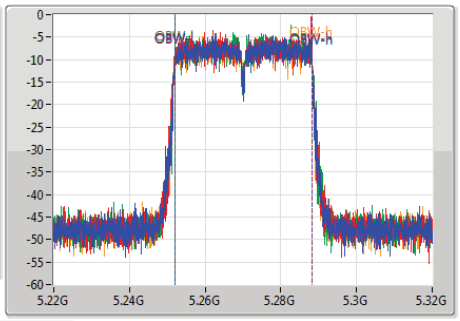
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.68925G	5.710925G	17.766M	5.691179G	5.708946G	Inf	1
21.1M	5.689575G	5.710675G	17.716M	5.691204G	5.708921G	Inf	2
21.15M	5.68955G	5.7107G	17.741M	5.691179G	5.708921G	Inf	3
21.1M	5.6896G	5.7107G	17.691M	5.691229G	5.708921G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

19/09/2018



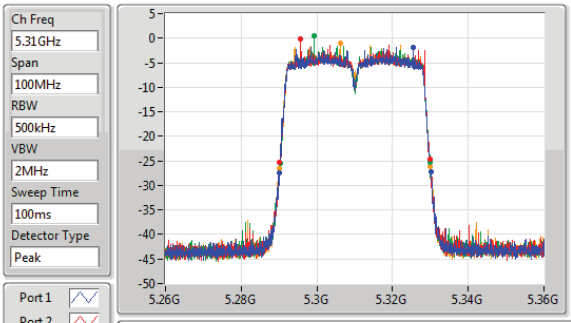


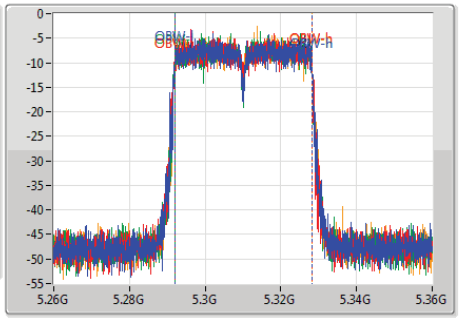
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.25G	5.29025G	36.182M	5.251959G	5.288141G	Inf	1
39.65M	5.2502G	5.28985G	36.232M	5.251909G	5.288141G	Inf	2
39.9M	5.25015G	5.29005G	36.282M	5.251909G	5.288191G	Inf	3
40.05M	5.24995G	5.29G	36.232M	5.251959G	5.288191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

19/09/2018



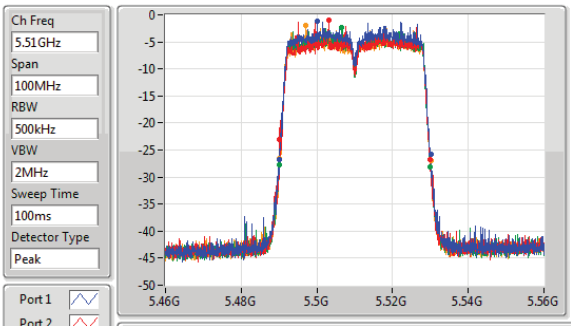


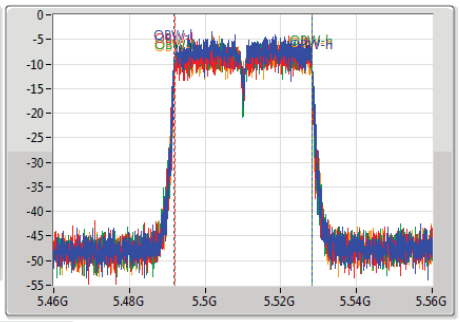
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.29005G	5.33015G	36.282M	5.291909G	5.328191G	Inf	1
39.75M	5.2901G	5.32985G	36.232M	5.291909G	5.328141G	Inf	2
39.6M	5.29035G	5.32995G	36.232M	5.291909G	5.328141G	Inf	3
39.85M	5.29015G	5.33G	36.232M	5.291959G	5.328191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

19/09/2018



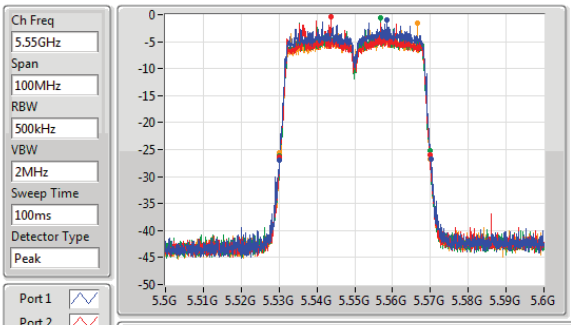


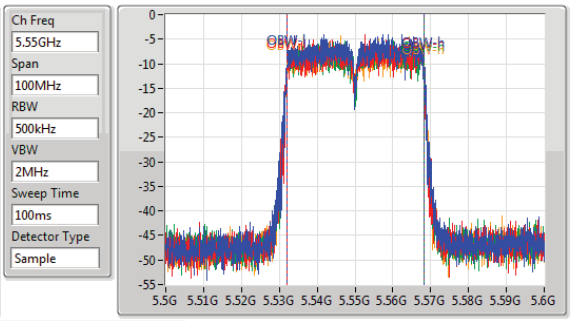
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.49G	5.53015G	36.282M	5.491859G	5.528141G	Inf	1
40M	5.49G	5.53G	36.282M	5.491909G	5.528191G	Inf	2
40.05M	5.49G	5.53005G	36.232M	5.491909G	5.528141G	Inf	3
39.95M	5.49015G	5.5301G	36.182M	5.492009G	5.528191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

19/09/2018



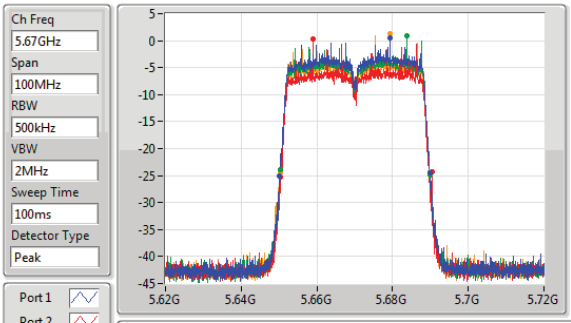


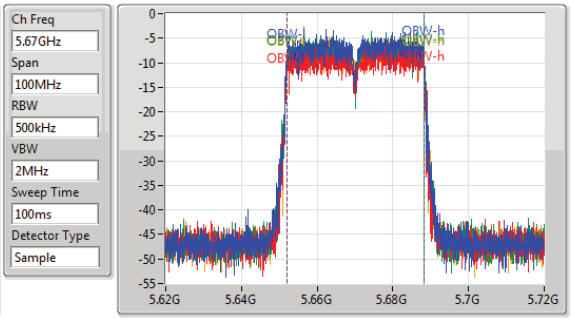
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.53G	5.5701G	36.232M	5.532009G	5.568241G	Inf	1
39.7M	5.5302G	5.5699G	36.232M	5.531959G	5.568191G	Inf	2
39.7M	5.53015G	5.56985G	36.232M	5.531959G	5.568191G	Inf	3
39.75M	5.5302G	5.56995G	36.232M	5.531959G	5.568191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

19/09/2018



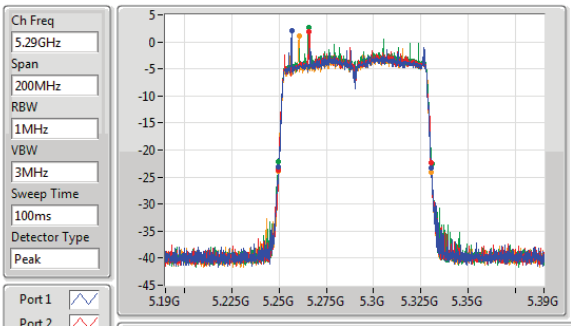


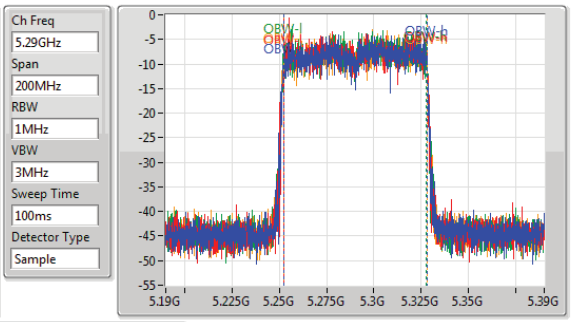
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.65015G	5.69005G	36.232M	5.651959G	5.688191G	Inf	1
39.85M	5.6505G	5.69035G	36.232M	5.651959G	5.688191G	Inf	2
39.5M	5.6503G	5.6898G	36.282M	5.651909G	5.688191G	Inf	3
39.55M	5.65025G	5.6898G	36.232M	5.651959G	5.688191G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

19/09/2018



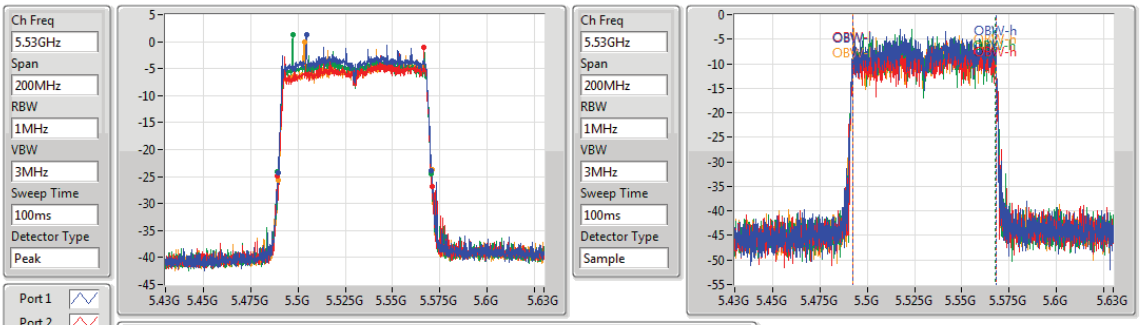


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.2496G	5.3304G	75.762M	5.252219G	5.327981G	Inf	1
81.1M	5.2495G	5.3306G	75.862M	5.252219G	5.328081G	Inf	2
81.1M	5.2496G	5.3307G	75.662M	5.252219G	5.327881G	Inf	3
81.1M	5.2495G	5.3306G	75.862M	5.252119G	5.327981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

19/09/2018

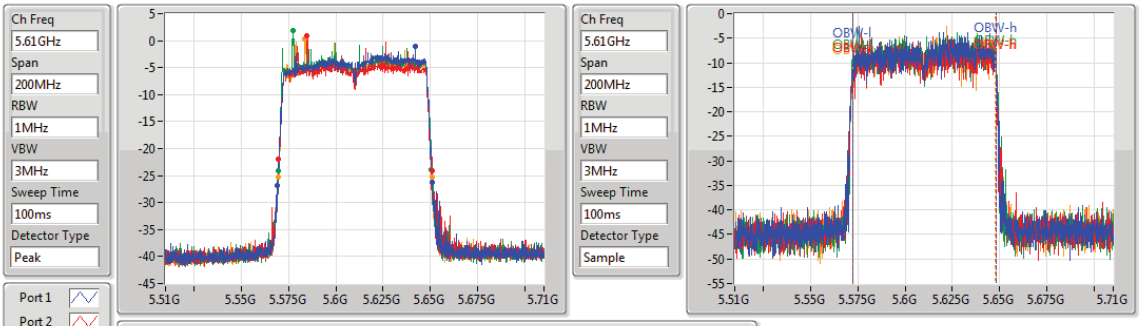


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.2M	5.4894G	5.5706G	75.862M	5.492119G	5.567981G	Inf	1
82.2M	5.4889G	5.5711G	75.862M	5.492219G	5.568081G	Inf	2
81.3M	5.4893G	5.5706G	75.762M	5.492119G	5.567881G	Inf	3
81.3M	5.4894G	5.5707G	75.762M	5.492219G	5.567981G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

19/09/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.569G	5.6511G	75.762M	5.572319G	5.648081G	Inf	1
81.3M	5.5698G	5.6511G	75.862M	5.572119G	5.647981G	Inf	2
81.1M	5.5694G	5.6505G	75.862M	5.572219G	5.648081G	Inf	3
81.3M	5.5695G	5.6508G	75.562M	5.572319G	5.647881G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.72	0.14859	23.72	0.23550
802.11ac VHT20_Nss1,(MCS0)_4TX	22.20	0.16596	24.20	0.26303
802.11ac VHT40_Nss1,(MCS0)_4TX	23.95	0.24831	25.95	0.39355
802.11ac VHT80_Nss1,(MCS0)_4TX	18.87	0.07709	20.87	0.12218
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.12	0.16293	24.12	0.25823
802.11ac VHT20_Nss1,(MCS0)_4TX	22.86	0.19320	24.86	0.30620
802.11ac VHT40_Nss1,(MCS0)_4TX	23.92	0.24660	25.92	0.39084
802.11ac VHT80_Nss1,(MCS0)_4TX	23.79	0.23933	25.79	0.37931

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	15.43	15.69	15.78	15.88	21.72	24.00	23.72	30.00
5300MHz	Pass	2.00	15.34	15.62	15.86	15.79	21.68	24.00	23.68	30.00
5320MHz	Pass	2.00	14.98	15.36	15.43	15.63	21.38	24.00	23.38	30.00
5500MHz	Pass	2.00	15.16	15.85	16.27	16.21	21.91	24.00	23.91	30.00
5580MHz	Pass	2.00	15.57	15.81	16.50	16.45	22.12	24.00	24.12	30.00
5700MHz	Pass	2.00	15.26	15.59	16.36	16.35	21.94	24.00	23.94	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	15.88	16.15	16.28	16.29	22.17	24.00	24.17	30.00
5300MHz	Pass	2.00	15.84	16.20	16.31	16.35	22.20	24.00	24.20	30.00
5320MHz	Pass	2.00	15.83	16.09	16.15	16.37	22.13	24.00	24.13	30.00
5500MHz	Pass	2.00	15.90	16.46	16.94	16.98	22.61	24.00	24.61	30.00
5580MHz	Pass	2.00	16.37	16.61	17.21	17.10	22.86	24.00	24.86	30.00
5700MHz	Pass	2.00	15.84	16.44	17.07	16.85	22.60	24.00	24.60	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	17.62	17.83	18.01	18.22	23.95	24.00	25.95	30.00
5310MHz	Pass	2.00	15.57	15.61	16.03	15.96	21.82	24.00	23.82	30.00
5510MHz	Pass	2.00	14.64	15.38	15.80	15.57	21.39	24.00	23.39	30.00
5550MHz	Pass	2.00	17.11	17.54	18.16	18.06	23.76	24.00	25.76	30.00
5670MHz	Pass	2.00	17.34	17.33	18.51	18.28	23.92	24.00	25.92	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	12.48	12.69	13.18	13.02	18.87	24.00	20.87	30.00
5530MHz	Pass	2.00	14.30	14.62	15.25	15.09	20.85	24.00	22.85	30.00
5610MHz	Pass	2.00	17.37	17.48	18.24	17.92	23.79	24.00	25.79	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.15	0.01035	22.29	0.16943
802.11ac VHT20_Nss1,(MCS0)_4TX	12.24	0.01675	24.38	0.27416
802.11ac VHT40_Nss1,(MCS0)_4TX	15.20	0.03311	27.34	0.54200
802.11ac VHT80_Nss1,(MCS0)_4TX	15.68	0.03698	27.82	0.60534
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	11.62	0.01452	23.76	0.23768
802.11ac VHT20_Nss1,(MCS0)_4TX	12.62	0.01828	24.76	0.29923
802.11ac VHT40_Nss1,(MCS0)_4TX	15.92	0.03908	28.06	0.63973
802.11ac VHT80_Nss1,(MCS0)_4TX	17.37	0.05458	29.51	0.89331

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.14	3.98	4.18	4.18	4.18	10.15	17.86	22.29	30.00
5300MHz	Pass	12.14	4.05	3.63	4.01	4.22	10.00	17.86	22.14	30.00
5320MHz	Pass	12.14	3.90	4.08	3.85	4.48	10.11	17.86	22.25	30.00
5500MHz	Pass	12.14	4.73	5.26	5.74	5.46	11.33	17.86	23.47	30.00
5580MHz	Pass	12.14	5.13	5.35	6.09	5.77	11.62	17.86	23.76	30.00
5700MHz	Pass	12.14	4.73	5.17	5.87	5.54	11.37	17.86	23.51	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.14	6.04	6.25	6.34	6.26	12.24	17.86	24.38	30.00
5300MHz	Pass	12.14	5.65	5.90	6.16	6.02	11.96	17.86	24.10	30.00
5320MHz	Pass	12.14	5.92	6.04	6.13	6.28	12.12	17.86	24.26	30.00
5500MHz	Pass	12.14	5.98	6.37	7.00	6.59	12.52	17.86	24.66	30.00
5580MHz	Pass	12.14	6.09	6.38	7.13	6.74	12.62	17.86	24.76	30.00
5700MHz	Pass	12.14	5.87	6.25	7.07	6.64	12.50	17.86	24.64	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.14	9.00	9.11	9.28	9.32	15.20	17.86	27.34	30.00
5310MHz	Pass	12.14	8.91	8.97	9.20	9.23	15.10	17.86	27.24	30.00
5510MHz	Pass	12.14	8.79	9.50	9.80	9.57	15.45	17.86	27.59	30.00
5550MHz	Pass	12.14	9.39	9.70	10.29	10.15	15.92	17.86	28.06	30.00
5670MHz	Pass	12.14	9.29	9.55	10.47	10.15	15.91	17.86	28.05	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.14	9.47	9.50	9.83	9.84	15.68	17.86	27.82	30.00
5530MHz	Pass	12.14	8.81	9.31	9.66	9.40	15.33	17.86	27.47	30.00
5610MHz	Pass	12.14	10.92	11.13	11.80	11.48	17.37	17.86	29.51	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.45	0.17579	24.45	0.27861
802.11ac VHT20_Nss1,(MCS0)_4TX	22.63	0.18323	24.63	0.29040
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889	25.96	0.39446
802.11ac VHT80_Nss1,(MCS0)_4TX	22.77	0.18923	24.77	0.29992
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.69	0.18578	24.69	0.29444
802.11ac VHT20_Nss1,(MCS0)_4TX	22.94	0.19679	24.94	0.31189
802.11ac VHT40_Nss1,(MCS0)_4TX	23.97	0.24946	25.97	0.39537
802.11ac VHT80_Nss1,(MCS0)_4TX	23.89	0.24491	25.89	0.38815

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.42	16.04	16.42	16.33	22.33	24.00	24.33	30.00
5300MHz	Pass	2.00	16.34	16.10	16.22	16.24	22.25	24.00	24.25	30.00
5320MHz	Pass	2.00	16.47	16.41	16.38	16.45	22.45	24.00	24.45	30.00
5500MHz	Pass	2.00	17.07	16.35	16.44	16.02	22.51	24.00	24.51	30.00
5580MHz	Pass	2.00	17.35	16.52	16.64	16.06	22.69	24.00	24.69	30.00
5700MHz	Pass	2.00	16.38	16.57	16.65	16.41	22.52	24.00	24.52	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.44	16.09	16.35	16.46	22.36	24.00	24.36	30.00
5300MHz	Pass	2.00	16.75	16.38	16.54	16.77	22.63	24.00	24.63	30.00
5320MHz	Pass	2.00	16.50	16.44	16.43	16.57	22.51	24.00	24.51	30.00
5500MHz	Pass	2.00	17.23	16.18	16.46	16.18	22.55	24.00	24.55	30.00
5580MHz	Pass	2.00	17.75	16.64	16.77	16.38	22.94	24.00	24.94	30.00
5700MHz	Pass	2.00	16.67	16.54	16.85	16.48	22.66	24.00	24.66	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	18.06	17.73	18.00	17.98	23.96	24.00	25.96	30.00
5310MHz	Pass	2.00	18.08	17.75	17.98	17.88	23.94	24.00	25.94	30.00
5510MHz	Pass	2.00	17.70	16.54	16.75	16.54	22.93	24.00	24.93	30.00
5550MHz	Pass	2.00	18.41	17.89	17.80	17.67	23.97	24.00	25.97	30.00
5670MHz	Pass	2.00	17.78	17.82	17.96	17.47	23.78	24.00	25.78	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	16.71	16.56	16.89	16.82	22.77	24.00	24.77	30.00
5530MHz	Pass	2.00	16.90	15.89	16.09	15.79	22.21	24.00	24.21	30.00
5610MHz	Pass	2.00	17.97	17.83	18.05	17.60	23.89	24.00	25.89	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	12.22	0.01667	24.36	0.27290
802.11ac VHT20_Nss1,(MCS0)_4TX	12.48	0.01770	24.62	0.28973
802.11ac VHT40_Nss1,(MCS0)_4TX	15.47	0.03524	27.61	0.57677
802.11ac VHT80_Nss1,(MCS0)_4TX	17.69	0.05875	29.83	0.96161
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	12.81	0.01910	24.95	0.31261
802.11ac VHT20_Nss1,(MCS0)_4TX	12.74	0.01879	24.88	0.30761
802.11ac VHT40_Nss1,(MCS0)_4TX	15.70	0.03715	27.84	0.60814
802.11ac VHT80_Nss1,(MCS0)_4TX	17.83	0.06067	29.97	0.99312

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.14	6.30	5.34	6.12	5.51	11.86	17.86	24.00	30.00
5300MHz	Pass	12.14	6.52	5.95	6.38	5.93	12.22	17.86	24.36	30.00
5320MHz	Pass	12.14	6.38	5.61	6.41	5.93	12.12	17.86	24.26	30.00
5500MHz	Pass	12.14	7.14	6.17	6.75	5.74	12.50	17.86	24.64	30.00
5580MHz	Pass	12.14	7.75	6.49	6.67	6.07	12.81	17.86	24.95	30.00
5700MHz	Pass	12.14	6.37	6.62	6.79	6.16	12.51	17.86	24.65	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.14	6.50	6.33	6.45	6.12	12.37	17.86	24.51	30.00
5300MHz	Pass	12.14	6.32	6.22	6.25	5.74	12.16	17.86	24.30	30.00
5320MHz	Pass	12.14	6.72	6.65	6.26	6.19	12.48	17.86	24.62	30.00
5500MHz	Pass	12.14	7.26	6.61	6.65	5.85	12.64	17.86	24.78	30.00
5580MHz	Pass	12.14	7.47	6.61	6.93	5.70	12.74	17.86	24.88	30.00
5700MHz	Pass	12.14	6.38	6.09	5.92	5.39	11.98	17.86	24.12	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.14	9.54	9.45	9.44	9.37	15.47	17.86	27.61	30.00
5310MHz	Pass	12.14	9.91	9.49	9.24	8.62	15.36	17.86	27.50	30.00
5510MHz	Pass	12.14	10.25	9.22	9.17	8.78	15.41	17.86	27.55	30.00
5550MHz	Pass	12.14	10.13	10.01	9.45	9.02	15.70	17.86	27.84	30.00
5670MHz	Pass	12.14	9.89	9.48	9.83	9.25	15.64	17.86	27.78	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.14	11.77	11.54	11.79	11.58	17.69	17.86	29.83	30.00
5530MHz	Pass	12.14	12.38	11.50	11.51	11.29	17.71	17.86	29.85	30.00
5610MHz	Pass	12.14	12.05	11.77	12.06	11.31	17.83	17.86	29.97	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.86	0.12190	28.88	0.77268
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.89	0.15453	29.91	0.97949
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	17.35	0.05433	25.37	0.34435
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.39	0.13772	29.41	0.87297
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.78	0.15066	29.80	0.95499
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.90	0.15488	29.92	0.98175

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	14.69	14.82	14.57	15.24	20.86	21.98	28.88	30.00
5300MHz	Pass	8.02	14.70	14.90	14.79	14.60	20.77	21.98	28.79	30.00
5320MHz	Pass	8.02	14.78	14.93	14.43	14.79	20.76	21.98	28.78	30.00
5500MHz	Pass	8.02	15.14	15.02	15.67	15.49	21.36	21.98	29.38	30.00
5580MHz	Pass	8.02	15.45	14.94	15.63	15.43	21.39	21.98	29.41	30.00
5700MHz	Pass	8.02	14.90	14.42	14.52	15.01	20.74	21.98	28.76	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.02	15.94	15.39	15.49	16.26	21.80	21.98	29.82	30.00
5310MHz	Pass	8.02	16.50	16.14	15.27	15.43	21.89	21.98	29.91	30.00
5510MHz	Pass	8.02	14.20	13.30	13.85	13.95	19.86	21.98	27.88	30.00
5550MHz	Pass	8.02	15.75	15.45	15.98	15.84	21.78	21.98	29.80	30.00
5670MHz	Pass	8.02	15.56	15.51	15.32	16.16	21.67	21.98	29.69	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.02	11.51	11.28	11.42	11.09	17.35	21.98	25.37	30.00
5530MHz	Pass	8.02	12.46	12.09	12.28	12.57	18.37	21.98	26.39	30.00
5610MHz	Pass	8.02	16.05	15.54	16.03	15.89	21.90	21.98	29.92	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.40	0.01380	29.56	0.90365
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.80	0.01514	29.96	0.99083
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	11.77	0.01503	29.93	0.98401
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.66	0.01466	29.82	0.95940
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.83	0.01524	29.99	0.99770
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	11.83	0.01524	29.99	0.99770

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	5.14	5.48	5.26	5.62	11.40	11.84	29.56	30.00
5300MHz	Pass	18.16	5.21	5.46	5.35	5.13	11.31	11.84	29.47	30.00
5320MHz	Pass	18.16	5.09	5.16	5.12	4.91	11.09	11.84	29.25	30.00
5500MHz	Pass	18.16	5.43	5.56	5.80	5.74	11.66	11.84	29.82	30.00
5580MHz	Pass	18.16	5.67	5.43	5.57	5.69	11.61	11.84	29.77	30.00
5700MHz	Pass	18.16	5.32	5.07	5.33	5.79	11.41	11.84	29.57	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.16	5.87	5.56	5.82	5.79	11.78	11.84	29.94	30.00
5310MHz	Pass	18.16	6.02	5.63	5.87	5.57	11.80	11.84	29.96	30.00
5510MHz	Pass	18.16	5.80	5.41	5.96	6.05	11.83	11.84	29.99	30.00
5550MHz	Pass	18.16	5.70	5.32	5.92	5.88	11.73	11.84	29.89	30.00
5670MHz	Pass	18.16	5.82	5.29	5.49	5.85	11.64	11.84	29.80	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.16	5.71	5.88	5.72	5.69	11.77	11.84	29.93	30.00
5530MHz	Pass	18.16	5.92	5.18	6.08	5.71	11.76	11.84	29.92	30.00
5610MHz	Pass	18.16	6.04	5.35	5.82	6.01	11.83	11.84	29.99	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.91	0.12331	28.93	0.78163
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.90	0.15488	29.92	0.98175
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	20.49	0.11194	28.51	0.70958
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.12	0.12942	29.14	0.82035
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	21.72	0.14859	29.74	0.94189
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.94	0.15631	29.96	0.99083

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	14.10	14.61	14.61	14.89	20.58	21.98	28.60	30.00
5300MHz	Pass	8.02	14.18	14.48	14.77	14.44	20.49	21.98	28.51	30.00
5320MHz	Pass	8.02	14.66	14.82	14.70	15.33	20.91	21.98	28.93	30.00
5500MHz	Pass	8.02	15.62	14.20	15.07	15.39	21.12	21.98	29.14	30.00
5580MHz	Pass	8.02	15.74	14.40	15.17	14.81	21.08	21.98	29.10	30.00
5700MHz	Pass	8.02	15.80	13.81	14.85	14.56	20.83	21.98	28.85	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.02	15.92	16.31	16.16	15.03	21.90	21.98	29.92	30.00
5310MHz	Pass	8.02	15.94	15.41	16.02	16.07	21.89	21.98	29.91	30.00
5510MHz	Pass	8.02	16.11	13.97	14.46	14.35	20.83	21.98	28.85	30.00
5550MHz	Pass	8.02	16.55	14.97	15.84	15.06	21.67	21.98	29.69	30.00
5670MHz	Pass	8.02	16.23	14.45	16.33	15.54	21.72	21.98	29.74	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.02	14.26	14.64	14.63	14.33	20.49	21.98	28.51	30.00
5530MHz	Pass	8.02	15.11	14.00	14.74	14.36	20.59	21.98	28.61	30.00
5610MHz	Pass	8.02	16.36	15.30	15.92	16.03	21.94	21.98	29.96	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.11	0.01291	29.27	0.84528
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.62	0.01452	29.78	0.95060
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	11.80	0.01514	29.96	0.99083
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	11.44	0.01393	29.60	0.91201
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.80	0.01514	29.96	0.99083
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	11.80	0.01514	29.96	0.99083

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	4.82	5.43	4.67	4.35	10.86	11.84	29.02	30.00
5300MHz	Pass	18.16	4.94	5.12	5.32	4.95	11.11	11.84	29.27	30.00
5320MHz	Pass	18.16	3.52	4.87	5.17	5.32	10.80	11.84	28.96	30.00
5500MHz	Pass	18.16	6.64	4.40	5.06	5.24	11.44	11.84	29.60	30.00
5580MHz	Pass	18.16	6.43	4.71	5.41	4.85	11.43	11.84	29.59	30.00
5700MHz	Pass	18.16	5.82	4.10	5.24	4.93	11.09	11.84	29.25	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.16	5.91	6.35	3.83	5.64	11.55	11.84	29.71	30.00
5310MHz	Pass	18.16	5.11	5.91	6.01	5.28	11.62	11.84	29.78	30.00
5510MHz	Pass	18.16	6.54	5.56	5.22	4.79	11.60	11.84	29.76	30.00
5550MHz	Pass	18.16	6.49	5.50	5.96	4.77	11.75	11.84	29.91	30.00
5670MHz	Pass	18.16	6.79	4.39	5.82	5.80	11.80	11.84	29.96	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.16	5.73	5.94	6.29	5.05	11.80	11.84	29.96	30.00
5530MHz	Pass	18.16	6.53	5.21	5.28	5.37	11.65	11.84	29.81	30.00
5610MHz	Pass	18.16	6.07	5.32	6.10	5.56	11.80	11.84	29.96	30.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.97	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	8.93	16.95
802.11ac VHT40_Nss1,(MCS0)_4TX	7.73	15.75
802.11ac VHT80_Nss1,(MCS0)_4TX	0.87	8.89
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.95	16.97
802.11ac VHT20_Nss1,(MCS0)_4TX	8.90	16.92
802.11ac VHT40_Nss1,(MCS0)_4TX	6.98	15.00
802.11ac VHT80_Nss1,(MCS0)_4TX	4.47	12.49

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

Result

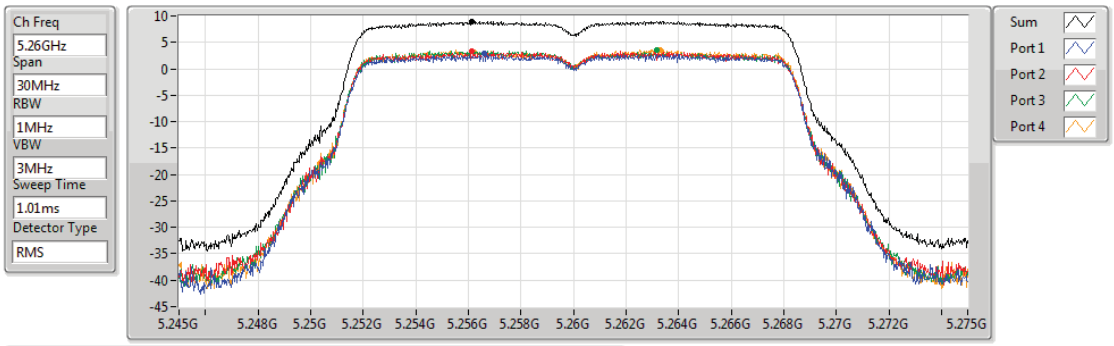
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	2.87	3.30	3.58	3.62	8.95	8.98	16.97	17.00
5300MHz	Pass	8.02	2.61	3.35	3.73	3.63	8.97	8.98	16.99	17.00
5320MHz	Pass	8.02	2.74	3.35	3.27	3.52	8.93	8.98	16.95	17.00
5500MHz	Pass	8.02	2.30	3.29	3.51	3.27	8.85	8.98	16.87	17.00
5580MHz	Pass	8.02	2.87	3.07	3.59	3.63	8.95	8.98	16.97	17.00
5700MHz	Pass	8.02	2.37	2.79	3.72	3.85	8.91	8.98	16.93	17.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	2.79	3.10	2.97	2.91	8.80	8.98	16.82	17.00
5300MHz	Pass	8.02	2.93	3.15	3.04	3.16	8.93	8.98	16.95	17.00
5320MHz	Pass	8.02	2.79	2.86	2.90	3.14	8.83	8.98	16.85	17.00
5500MHz	Pass	8.02	2.24	3.36	3.33	3.31	8.83	8.98	16.85	17.00
5580MHz	Pass	8.02	2.55	2.89	3.43	3.26	8.88	8.98	16.90	17.00
5700MHz	Pass	8.02	2.34	2.96	3.47	3.25	8.90	8.98	16.92	17.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.02	1.40	1.71	1.97	2.10	7.73	8.98	15.75	17.00
5310MHz	Pass	8.02	-0.25	-0.28	-0.82	-0.86	4.92	8.98	12.94	17.00
5510MHz	Pass	8.02	-1.18	-0.79	-0.99	-0.98	4.60	8.98	12.62	17.00
5550MHz	Pass	8.02	-0.01	1.64	1.18	1.02	6.56	8.98	14.58	17.00
5670MHz	Pass	8.02	0.51	1.01	1.78	1.16	6.98	8.98	15.00	17.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.02	-4.45	-2.76	-6.07	-6.12	0.87	8.98	8.89	17.00
5530MHz	Pass	8.02	-2.13	-1.78	-4.71	-4.78	2.18	8.98	10.20	17.00
5610MHz	Pass	8.02	-0.17	0.50	-1.32	-1.44	4.47	8.98	12.49	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

04/09/2018

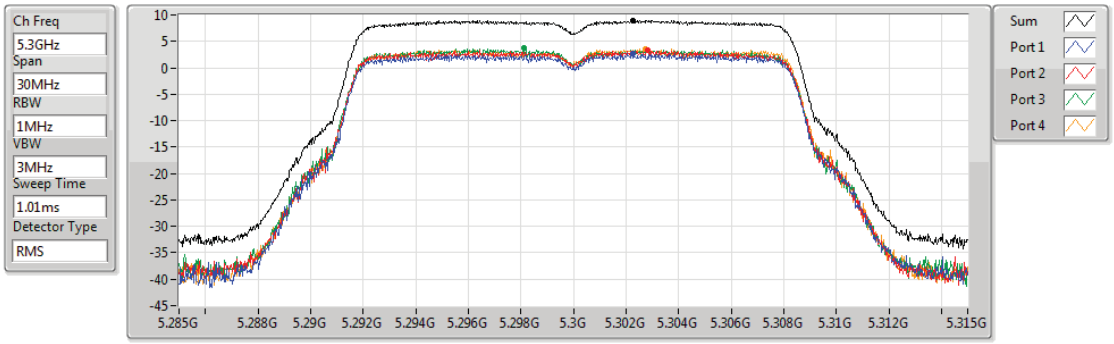


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	2.87	3.30	3.58	3.62

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

04/09/2018

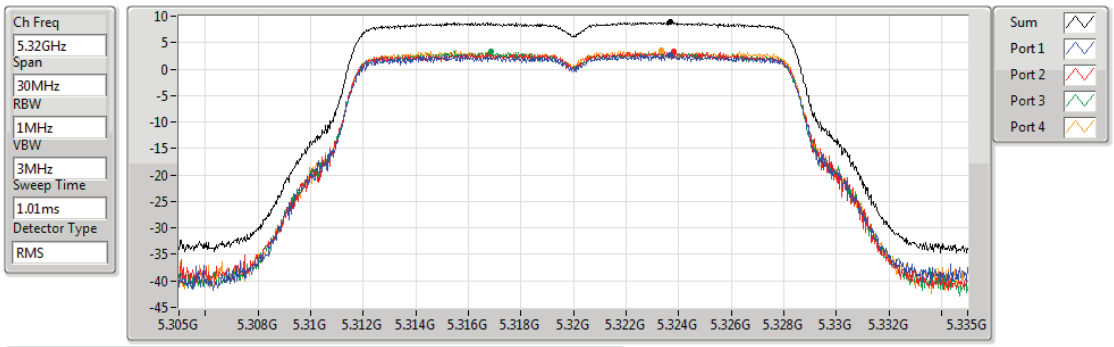


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	2.61	3.35	3.73	3.63

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

04/09/2018

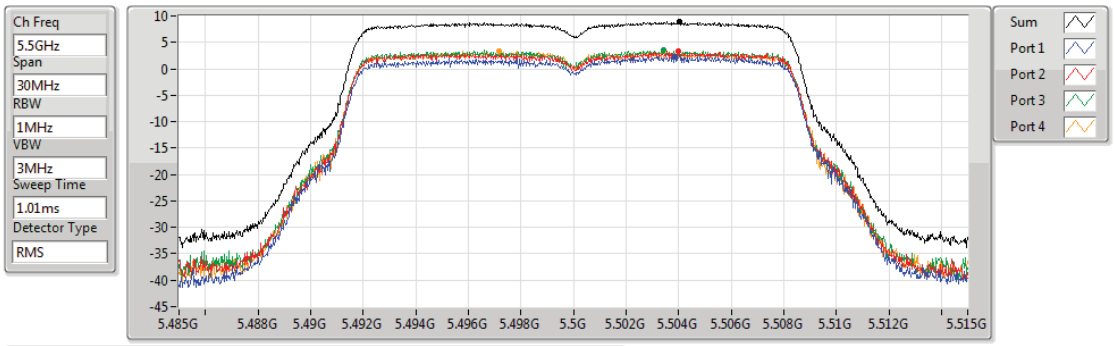


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	2.74	3.35	3.27	3.52

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

04/09/2018

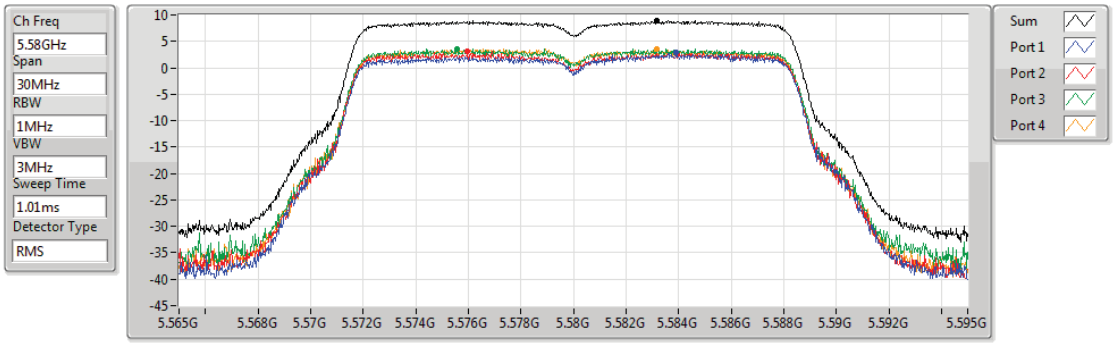


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	2.30	3.29	3.51	3.27

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

04/09/2018

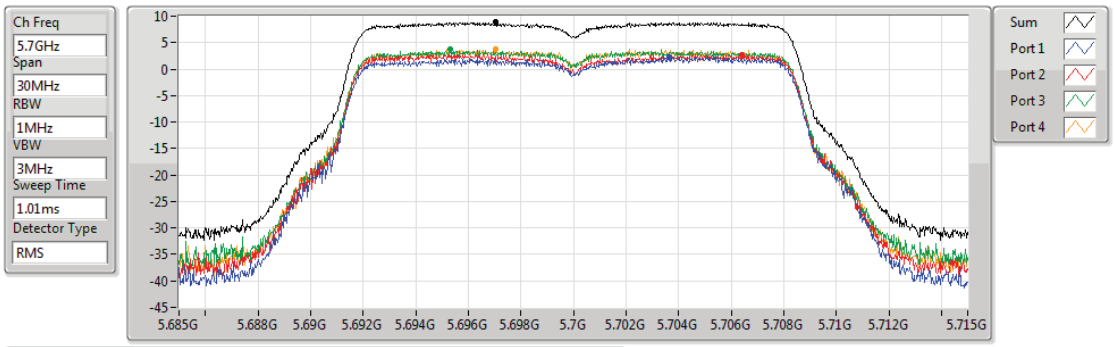


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	2.87	3.07	3.59	3.63

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

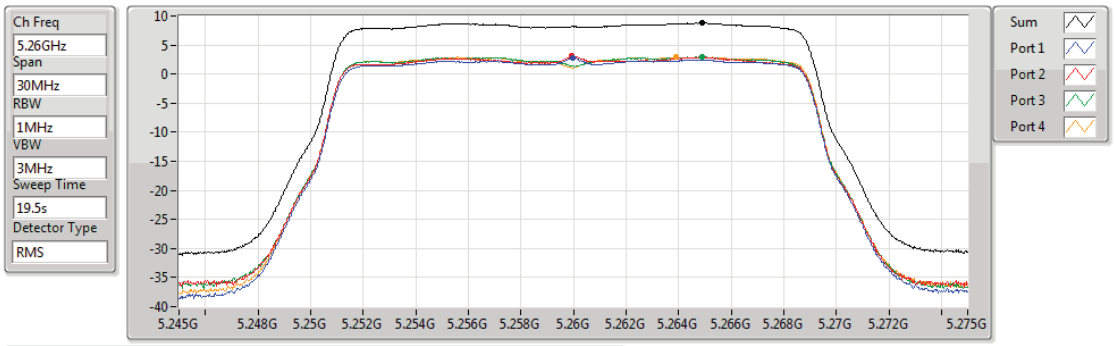
04/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	2.37	2.79	3.72	3.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

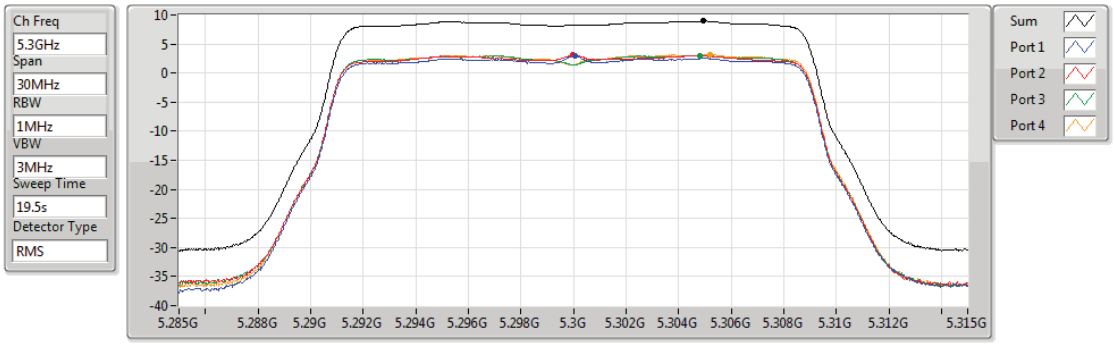
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	2.79	3.10	2.97	2.91

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

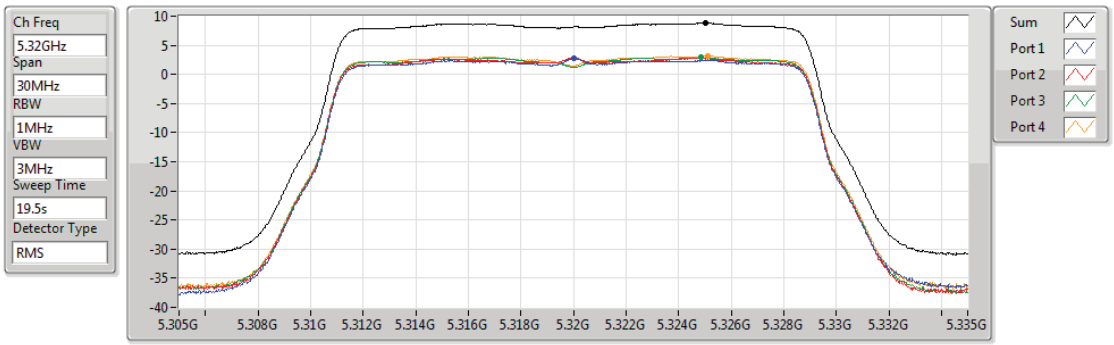
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	2.93	3.15	3.04	3.16

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

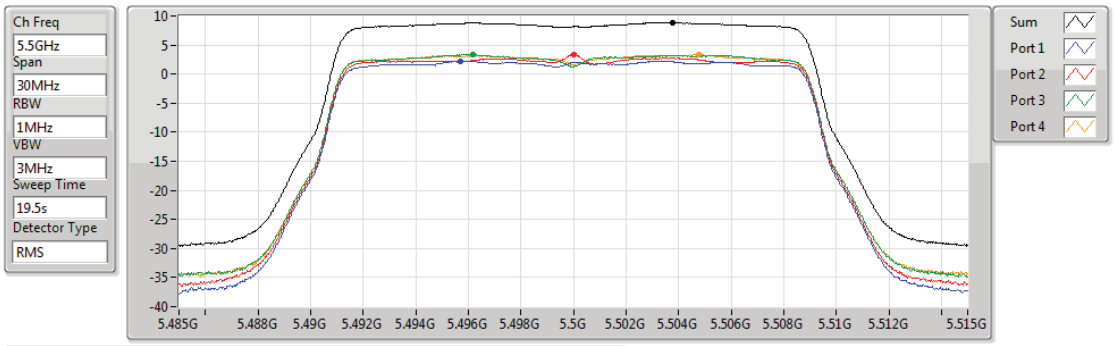
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	2.79	2.86	2.90	3.14

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

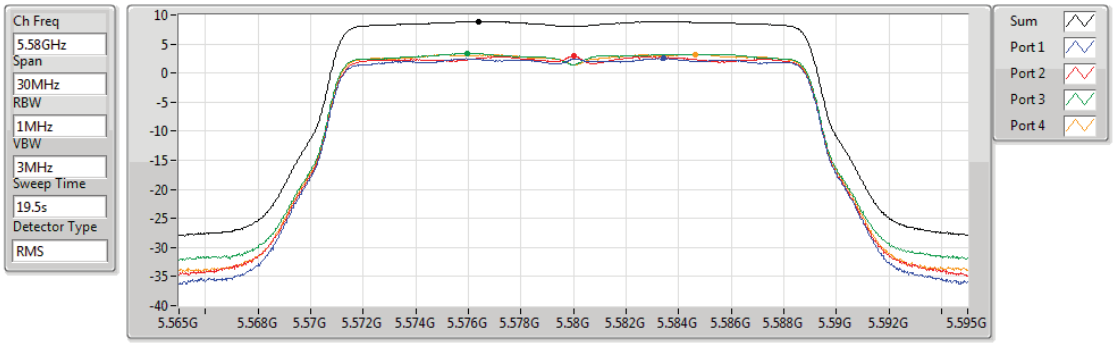
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	2.24	3.36	3.33	3.31

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

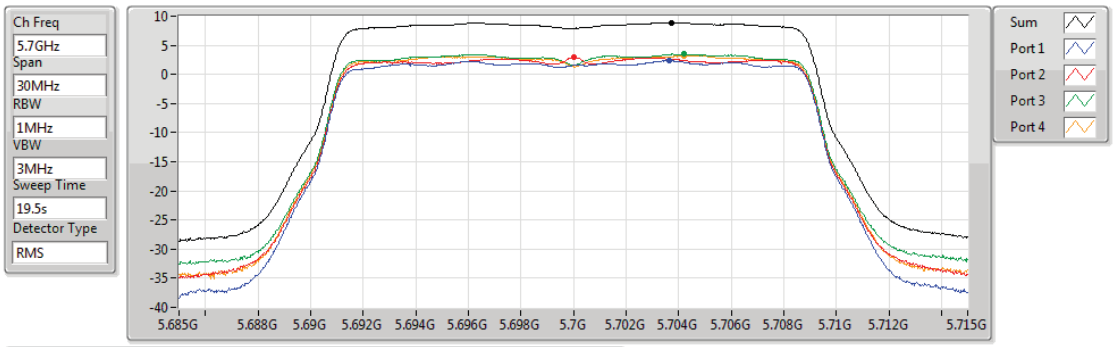
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	2.55	2.89	3.43	3.26

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

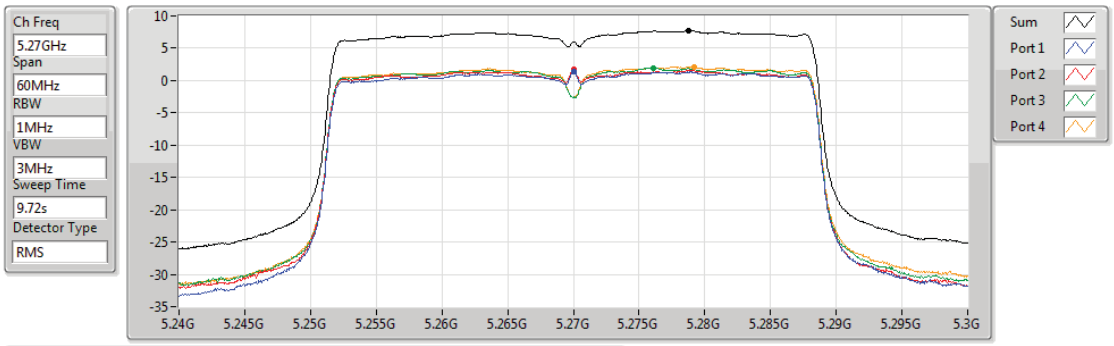
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	2.34	2.96	3.47	3.25

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

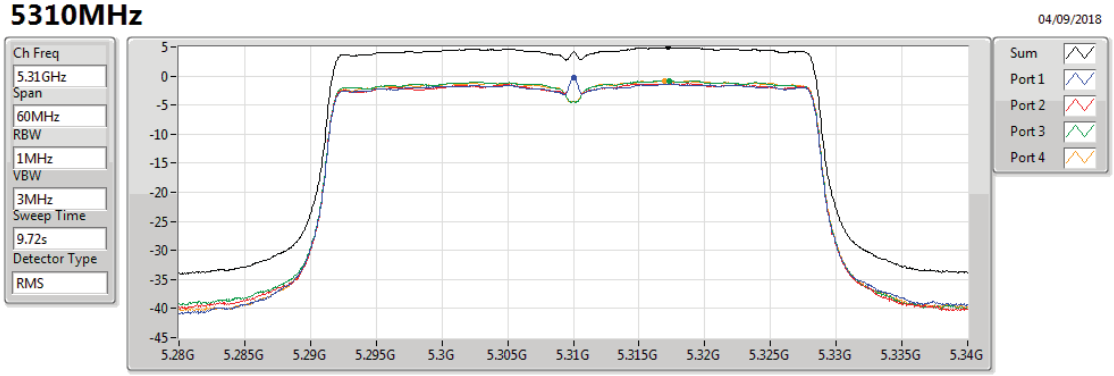
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	1.40	1.71	1.97	2.10

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

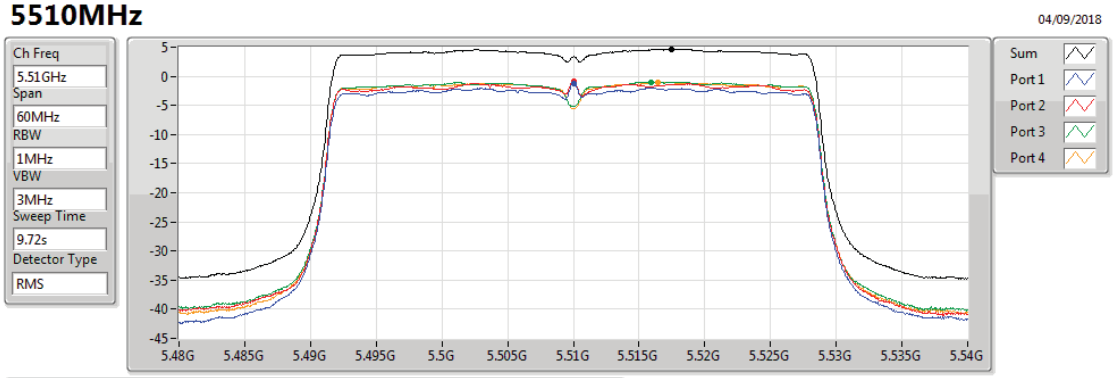
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-0.25	-0.28	-0.82	-0.86

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

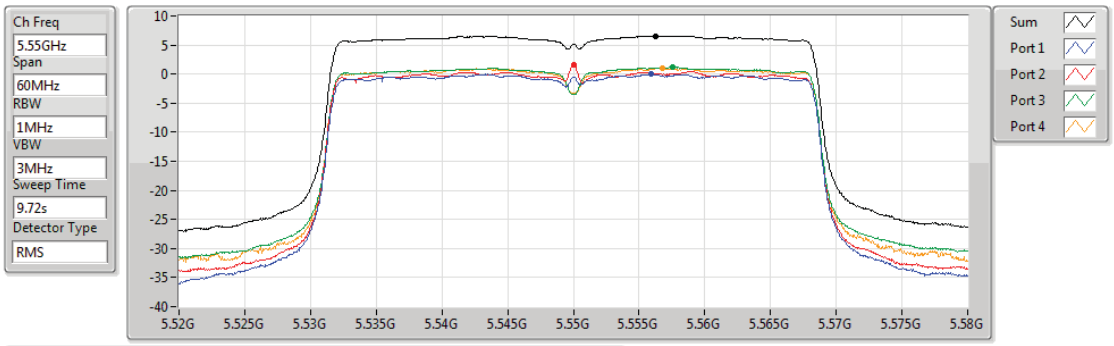
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-1.18	-0.79	-0.99	-0.98

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

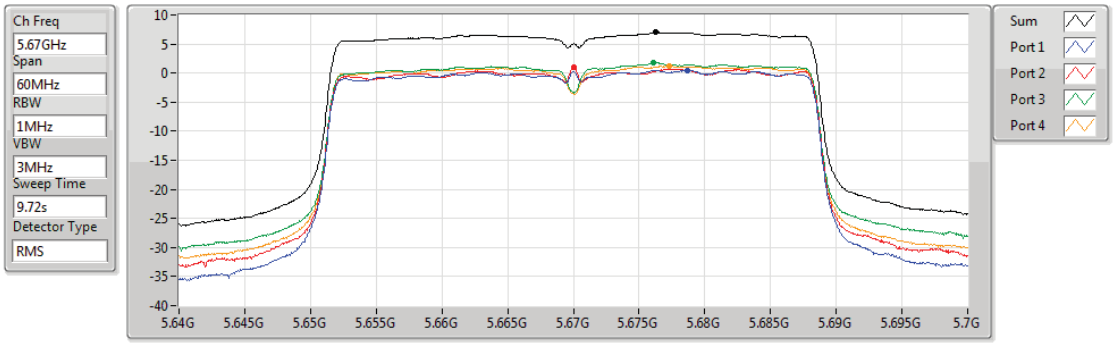
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	-0.01	1.64	1.18	1.02

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

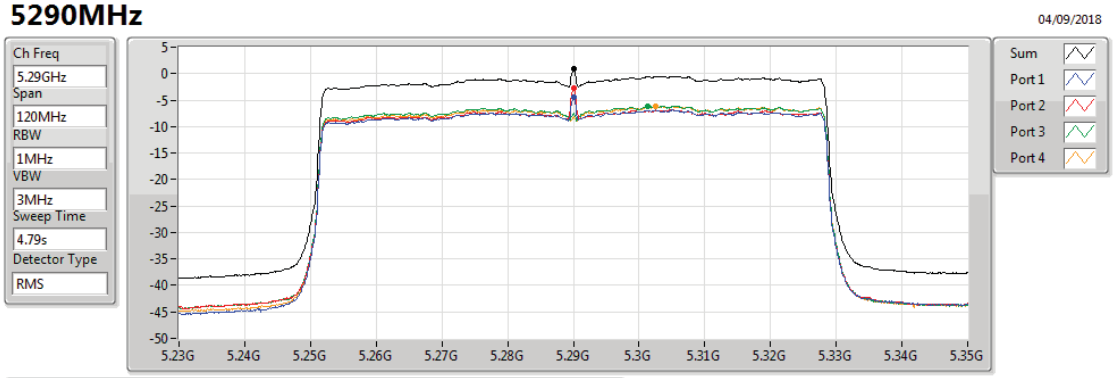
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	0.51	1.01	1.78	1.16

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

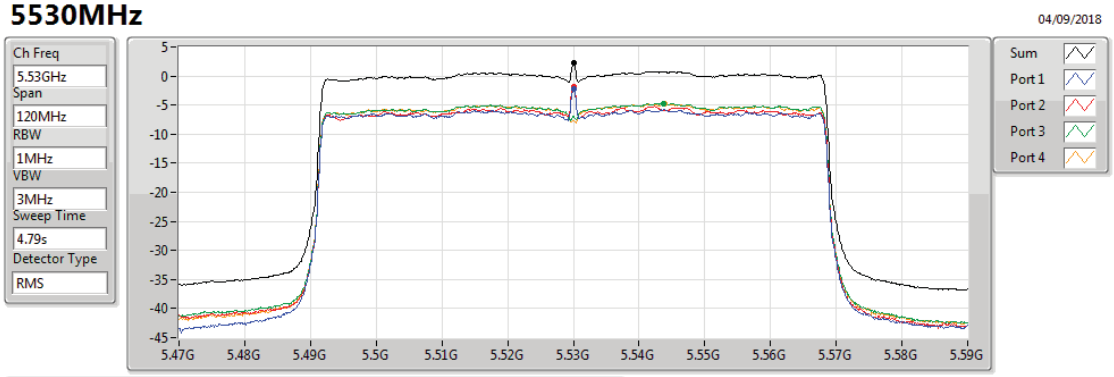
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-4.45	-2.76	-6.07	-6.12

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

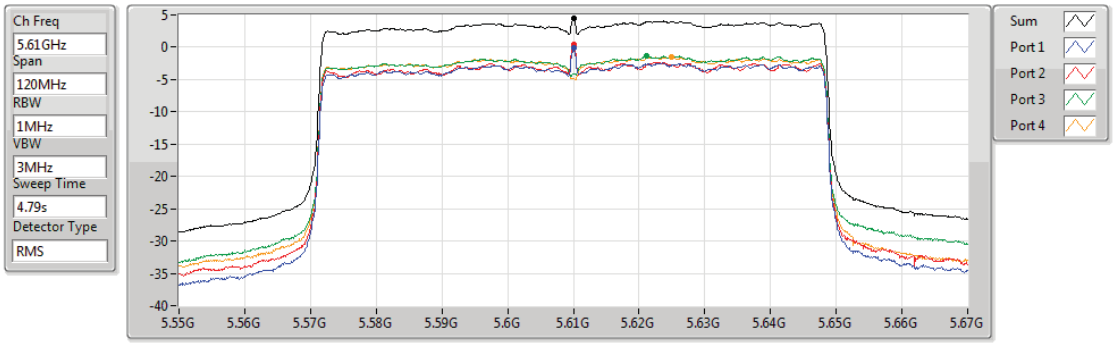
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-2.13	-1.78	-4.71	-4.78

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	-0.17	0.50	-1.32	-1.44

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.38	16.78
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.22	16.94
802.11ac VHT40_Nss1,(MCS0)_4TX	-1.18	16.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-2.75	15.41
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.18	16.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.25	16.91
802.11ac VHT40_Nss1,(MCS0)_4TX	-1.17	16.99
802.11ac VHT80_Nss1,(MCS0)_4TX	-1.18	16.98

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

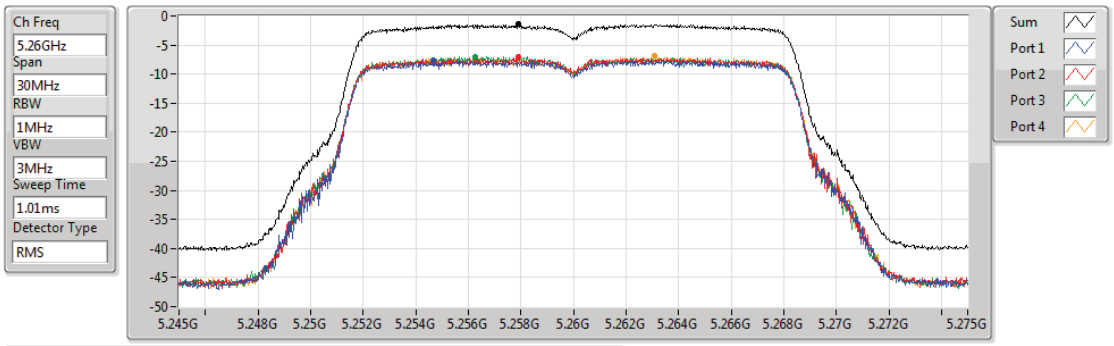
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	-7.52	-7.02	-7.03	-6.91	-1.38	-1.16	16.78	17.00
5300MHz	Pass	18.16	-7.94	-8.07	-7.69	-7.35	-2.14	-1.16	16.02	17.00
5320MHz	Pass	18.16	-8.20	-7.72	-8.02	-7.37	-2.12	-1.16	16.04	17.00
5500MHz	Pass	18.16	-7.53	-6.66	-6.51	-6.62	-1.20	-1.16	16.96	17.00
5580MHz	Pass	18.16	-7.24	-6.79	-6.41	-6.36	-1.18	-1.16	16.98	17.00
5700MHz	Pass	18.16	-7.40	-6.84	-6.35	-6.56	-1.24	-1.16	16.92	17.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	-7.40	-6.10	-7.03	-7.18	-1.22	-1.16	16.94	17.00
5300MHz	Pass	18.16	-7.30	-6.69	-7.17	-7.16	-1.34	-1.16	16.82	17.00
5320MHz	Pass	18.16	-7.28	-6.23	-7.19	-6.99	-1.26	-1.16	16.90	17.00
5500MHz	Pass	18.16	-7.75	-6.39	-6.54	-7.03	-1.28	-1.16	16.88	17.00
5580MHz	Pass	18.16	-7.62	-6.78	-6.69	-7.12	-1.33	-1.16	16.83	17.00
5700MHz	Pass	18.16	-7.76	-6.84	-6.61	-6.91	-1.25	-1.16	16.91	17.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.16	-7.37	-6.46	-6.97	-6.99	-1.18	-1.16	16.98	17.00
5310MHz	Pass	18.16	-7.34	-6.06	-6.99	-7.01	-1.29	-1.16	16.87	17.00
5510MHz	Pass	18.16	-7.91	-7.19	-6.92	-7.12	-1.36	-1.16	16.80	17.00
5550MHz	Pass	18.16	-5.85	-6.44	-6.65	-6.73	-1.17	-1.16	16.99	17.00
5670MHz	Pass	18.16	-6.44	-7.34	-6.42	-6.80	-1.19	-1.16	16.97	17.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.16	-8.12	-7.31	-9.29	-9.66	-2.75	-1.16	15.41	17.00
5530MHz	Pass	18.16	-7.60	-7.04	-9.70	-10.69	-2.77	-1.16	15.39	17.00
5610MHz	Pass	18.16	-6.80	-4.57	-7.77	-8.30	-1.18	-1.16	16.98	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

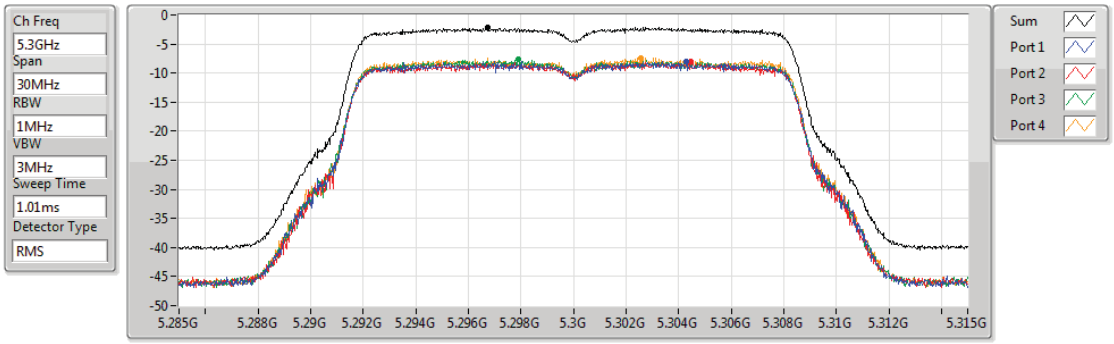
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.38	-1.38	-7.52	-7.02	-7.03	-6.91

802.11a_Nss1,(6Mbps)_4TX PSD

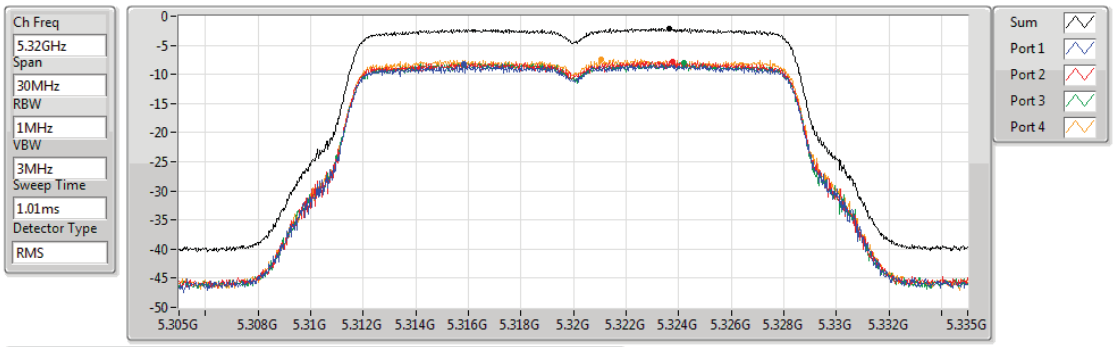
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.14	-2.14	-7.94	-8.07	-7.69	-7.35

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

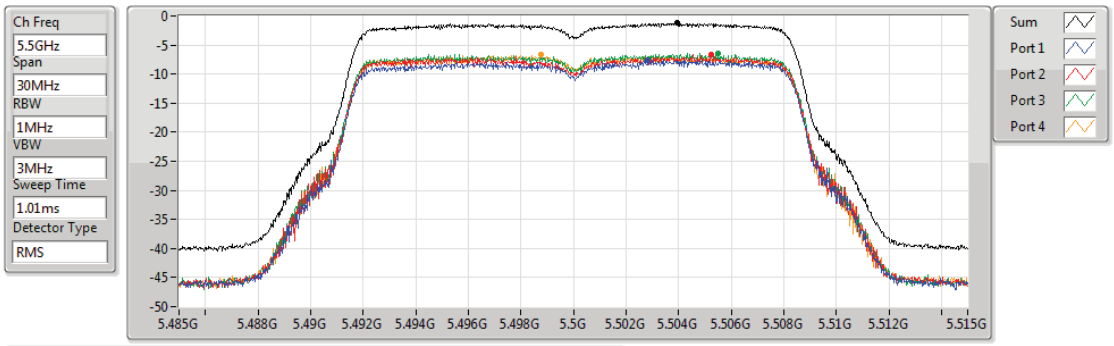


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.12	-2.12	-8.20	-7.72	-8.02	-7.37

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

04/09/2018

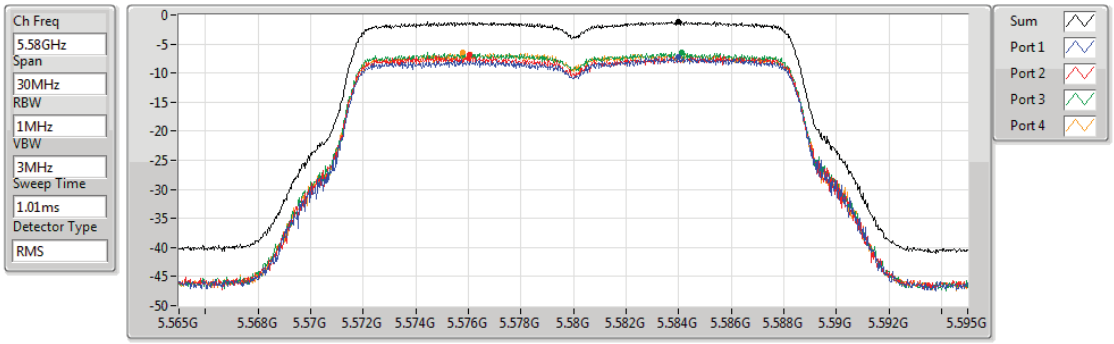


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-7.53	-6.66	-6.51	-6.62

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

04/09/2018

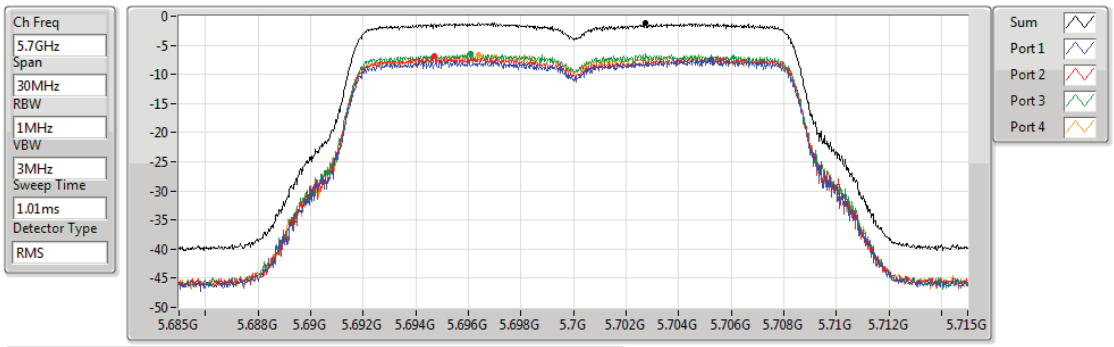


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-7.24	-6.79	-6.41	-6.36

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

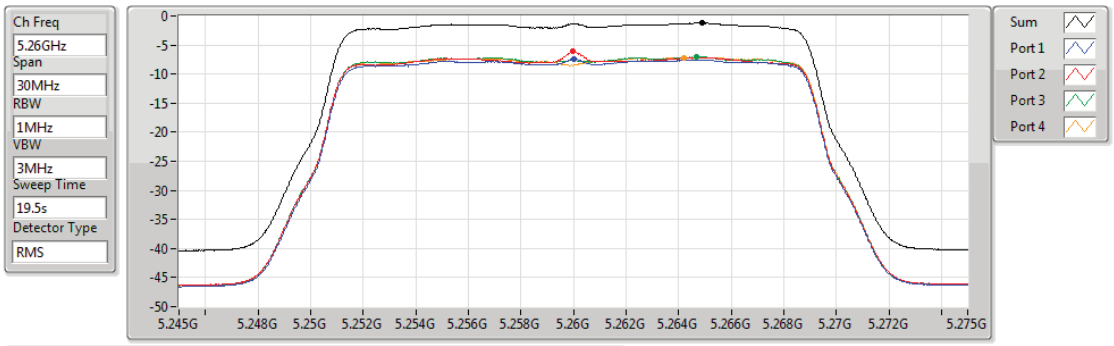
04/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.24	-1.24	-7.40	-6.84	-6.35	-6.56

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

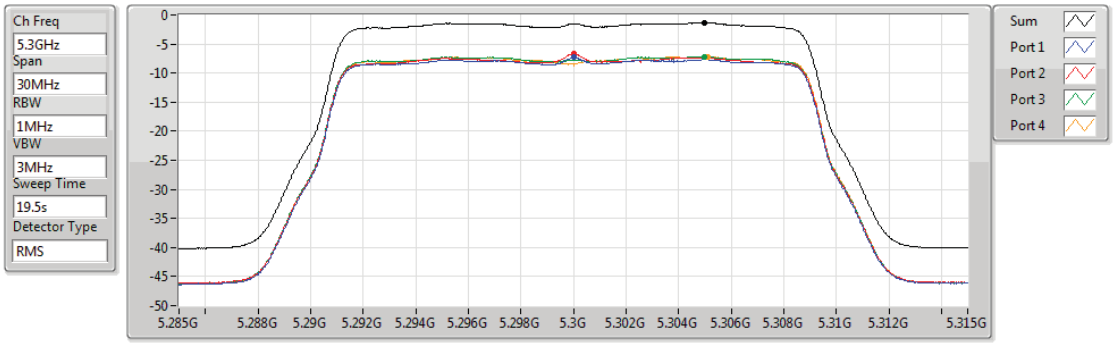
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-7.40	-6.10	-7.03	-7.18

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

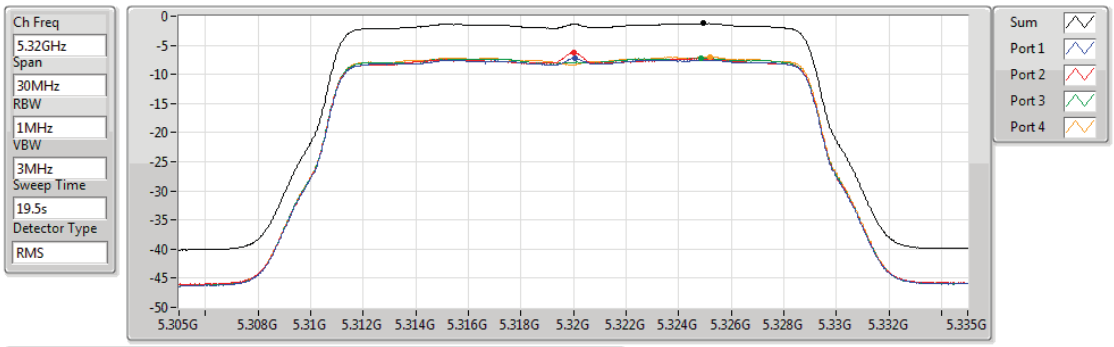
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-7.30	-6.69	-7.17	-7.16

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

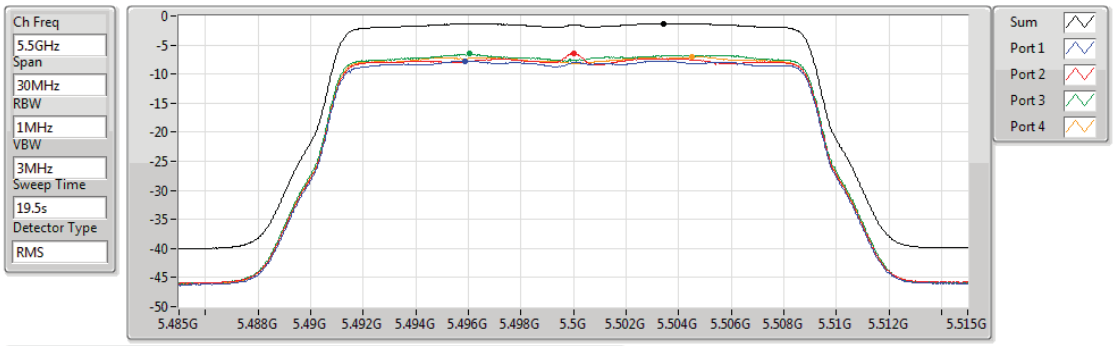
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.26	-1.26	-7.28	-6.23	-7.19	-6.99

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

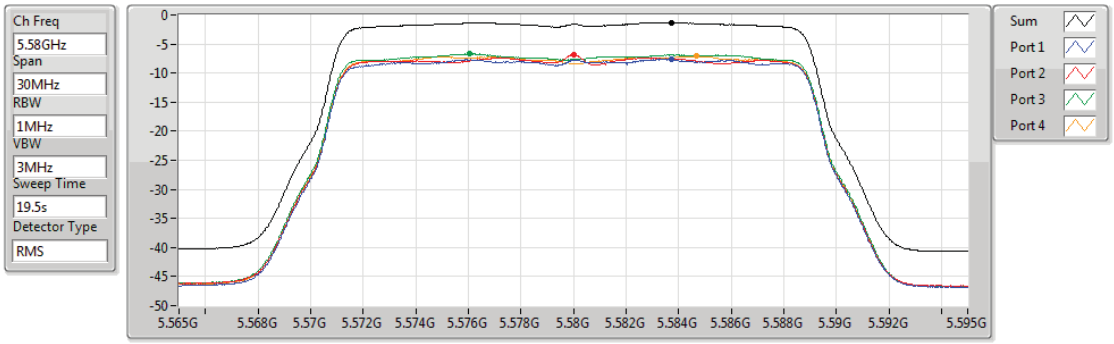
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.28	-1.28	-7.75	-6.39	-6.54	-7.03

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

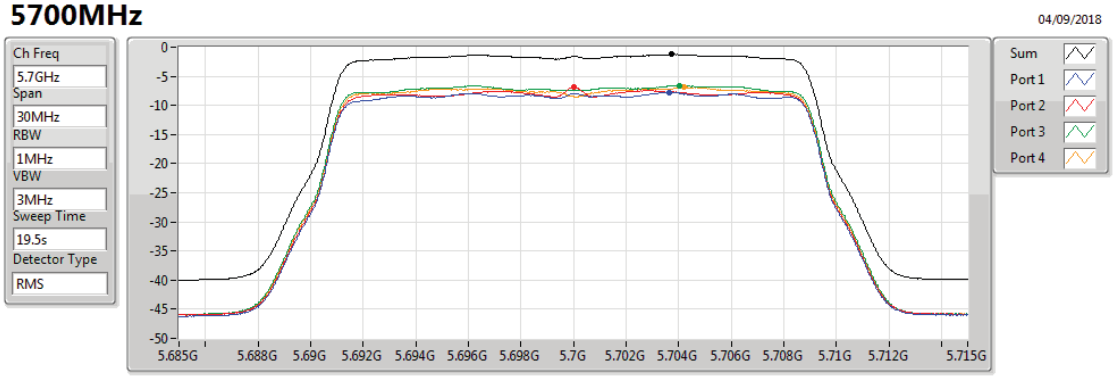
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-7.62	-6.78	-6.69	-7.12

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

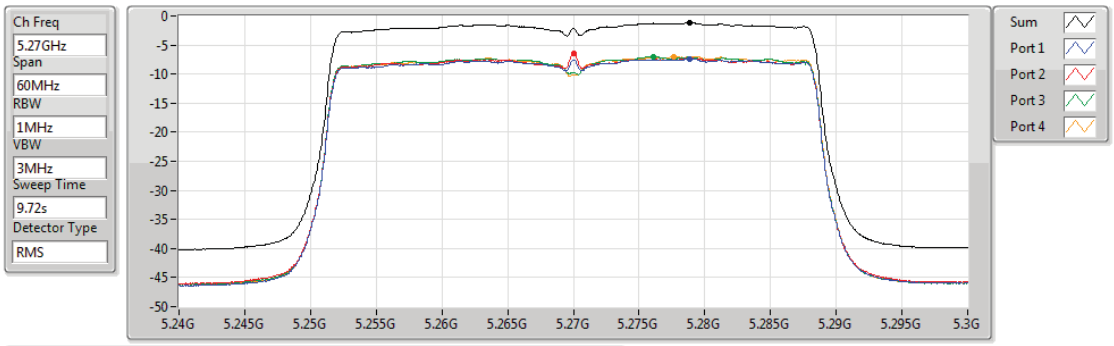
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-7.76	-6.84	-6.61	-6.91

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

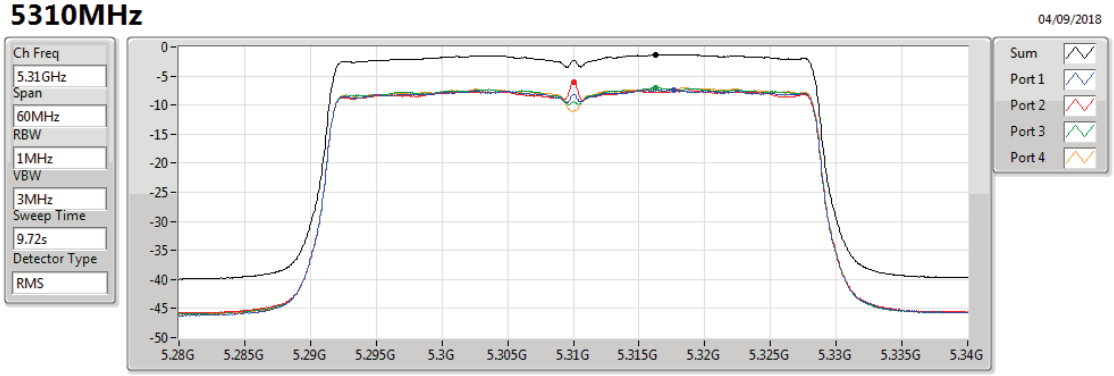
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-7.37	-6.46	-6.97	-6.99

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

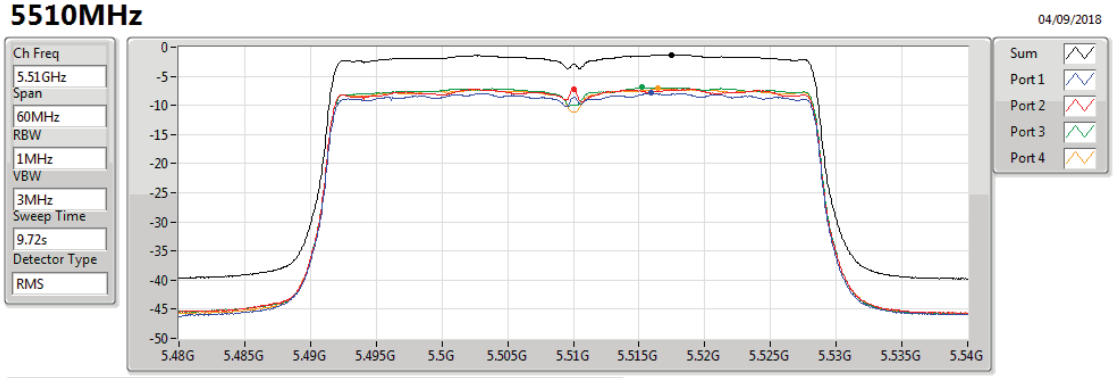
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.29	-1.29	-7.34	-6.06	-6.99	-7.01

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

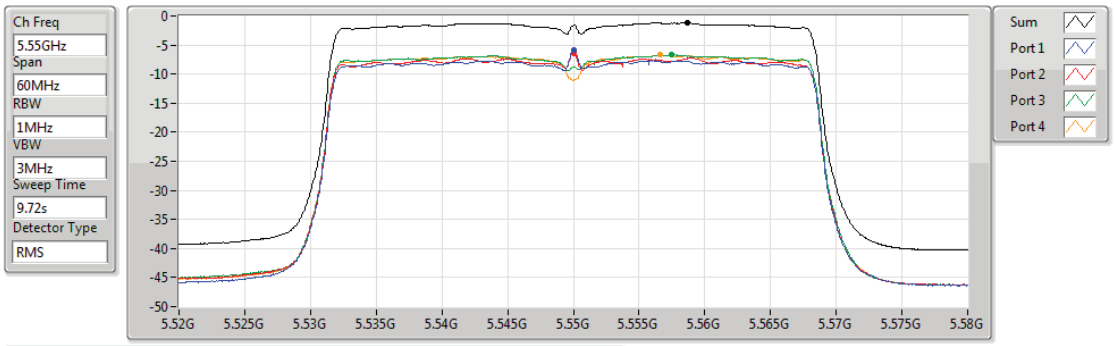
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-7.91	-7.19	-6.92	-7.12

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

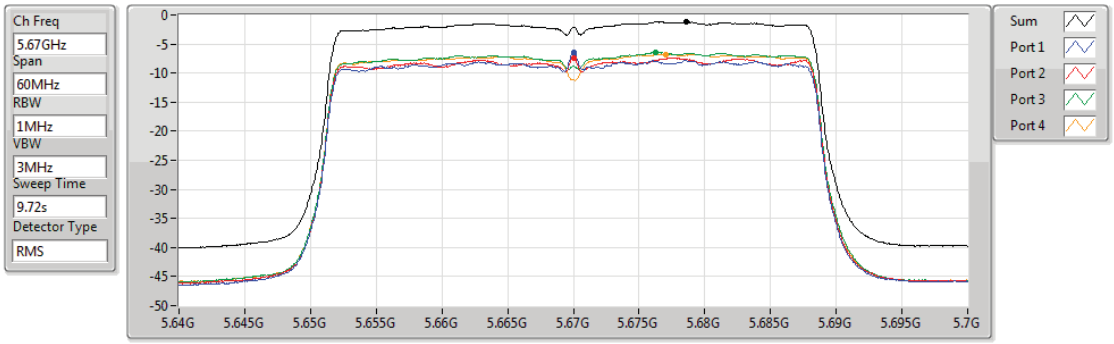
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.17	-1.17	-5.85	-6.44	-6.65	-6.73

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

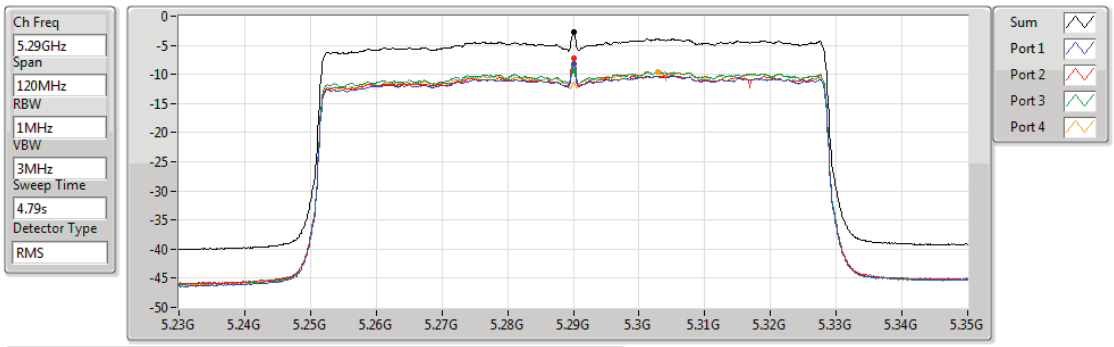
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-6.44	-7.34	-6.42	-6.80

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5290MHz

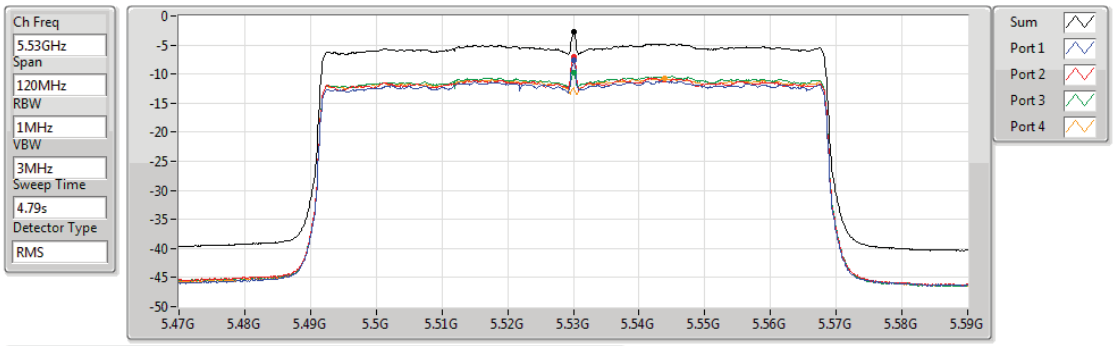


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.75	-2.75	-8.12	-7.31	-9.29	-9.66

802.11ac VHT80_Nss1,(MCS0)_4TX **PSD**

5530MHz

04/09/2018

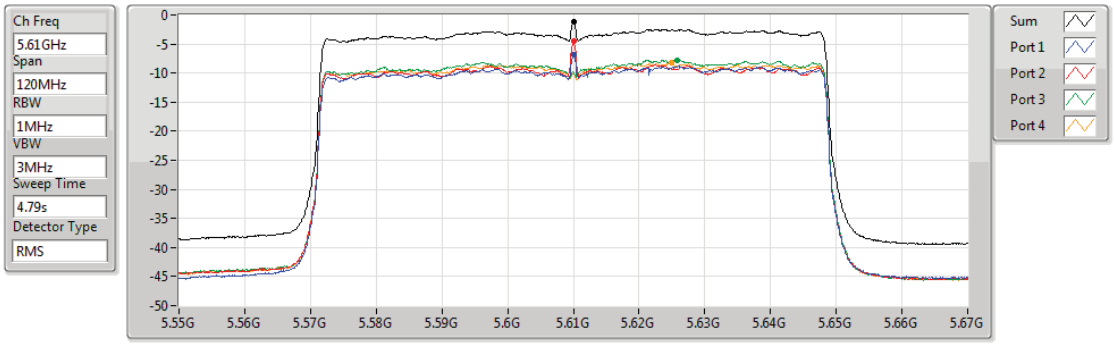


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.77	-2.77	-7.60	-7.04	-9.70	-10.69

802.11ac VHT80_Nss1,(MCS0)_4TX **PSD**

5610MHz

04/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-6.80	-4.57	-7.77	-8.30

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.97	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	8.90	16.92
802.11ac VHT40_Nss1,(MCS0)_4TX	7.39	15.41
802.11ac VHT80_Nss1,(MCS0)_4TX	3.47	11.49
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.87	16.89
802.11ac VHT20_Nss1,(MCS0)_4TX	8.89	16.91
802.11ac VHT40_Nss1,(MCS0)_4TX	7.06	15.08
802.11ac VHT80_Nss1,(MCS0)_4TX	3.96	11.98

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

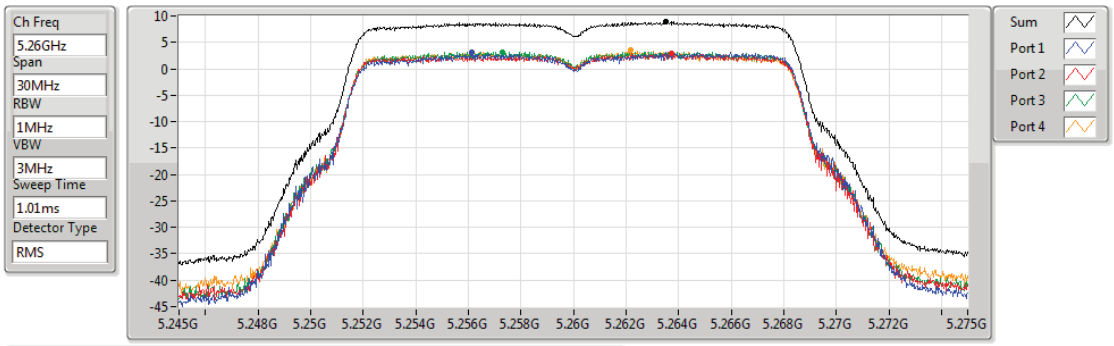
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	3.22	2.89	3.23	3.46	8.93	8.98	16.95	17.00
5300MHz	Pass	8.02	3.12	3.15	3.33	3.20	8.87	8.98	16.89	17.00
5320MHz	Pass	8.02	3.37	3.27	3.49	3.45	8.97	8.98	16.99	17.00
5500MHz	Pass	8.02	3.54	3.50	3.38	2.59	8.87	8.98	16.89	17.00
5580MHz	Pass	8.02	3.50	3.45	3.04	2.67	8.71	8.98	16.73	17.00
5700MHz	Pass	8.02	2.94	3.76	3.59	3.27	8.82	8.98	16.84	17.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	3.10	2.52	3.07	3.48	8.79	8.98	16.81	17.00
5300MHz	Pass	8.02	3.37	2.90	3.15	3.52	8.90	8.98	16.92	17.00
5320MHz	Pass	8.02	3.16	3.07	3.13	3.36	8.85	8.98	16.87	17.00
5500MHz	Pass	8.02	3.81	3.17	3.13	3.08	8.87	8.98	16.89	17.00
5580MHz	Pass	8.02	4.14	3.46	2.99	2.78	8.89	8.98	16.91	17.00
5700MHz	Pass	8.02	3.36	3.00	3.38	3.31	8.76	8.98	16.78	17.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.02	1.64	1.34	1.40	1.55	7.39	8.98	15.41	17.00
5310MHz	Pass	8.02	1.67	1.25	1.42	1.34	7.28	8.98	15.30	17.00
5510MHz	Pass	8.02	1.14	-0.02	-0.09	-0.26	6.11	8.98	14.13	17.00
5550MHz	Pass	8.02	1.88	1.25	0.89	0.78	7.06	8.98	15.08	17.00
5670MHz	Pass	8.02	1.13	1.12	1.08	0.58	6.78	8.98	14.80	17.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.02	-2.39	-2.67	-2.39	-0.25	3.47	8.98	11.49	17.00
5530MHz	Pass	8.02	-2.19	-2.73	-3.49	-1.43	2.67	8.98	10.69	17.00
5610MHz	Pass	8.02	-1.66	-2.02	-1.92	-0.62	3.96	8.98	11.98	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

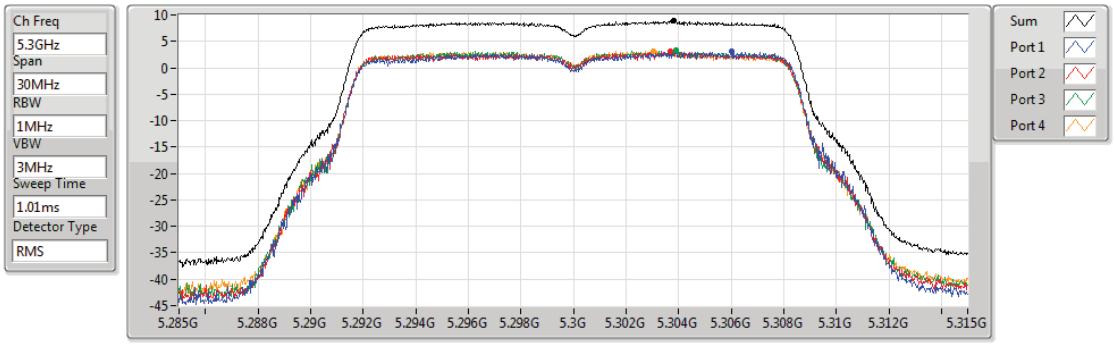
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	3.22	2.89	3.23	3.46

802.11a_Nss1,(6Mbps)_4TX PSD

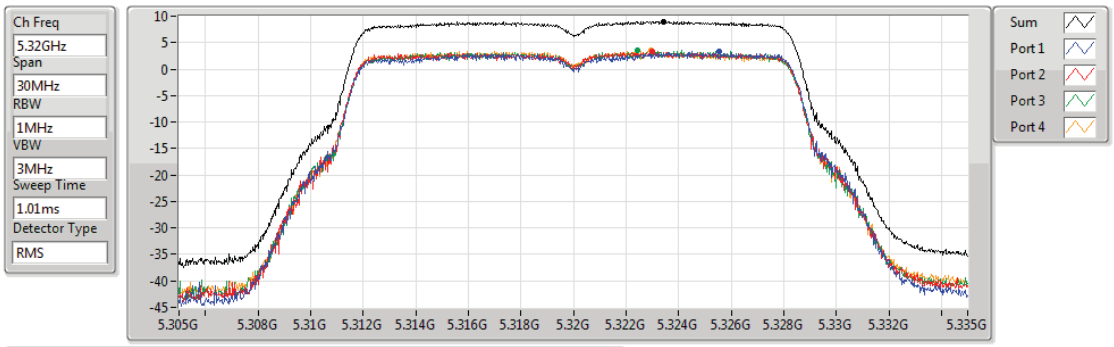
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	3.12	3.15	3.33	3.20

802.11a_Nss1,(6Mbps)_4TX PSD

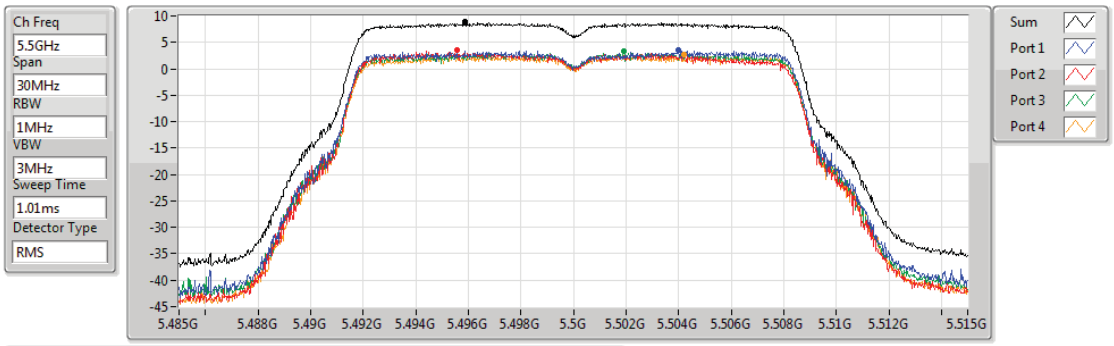
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	3.37	3.27	3.49	3.45

802.11a_Nss1,(6Mbps)_4TX PSD

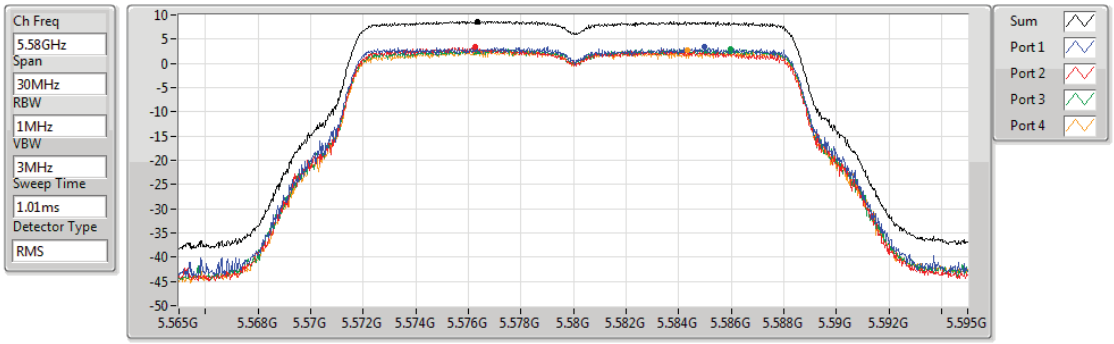
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	3.54	3.50	3.38	2.59

802.11a_Nss1,(6Mbps)_4TX PSD

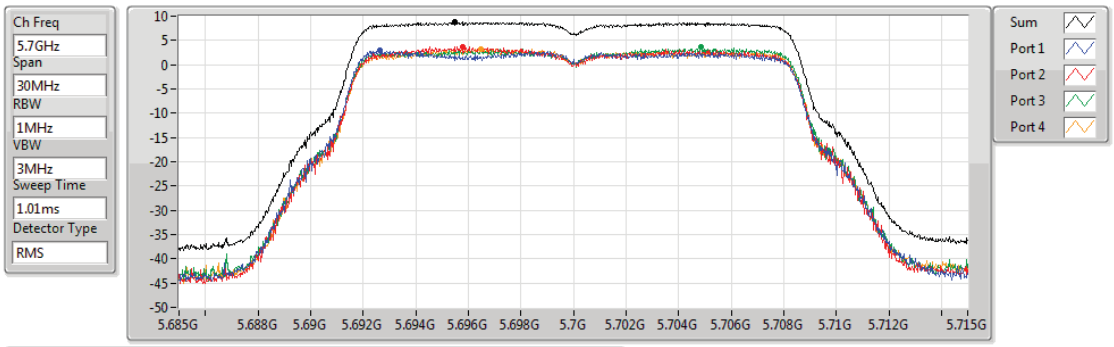
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	3.50	3.45	3.04	2.67

802.11a_Nss1,(6Mbps)_4TX PSD

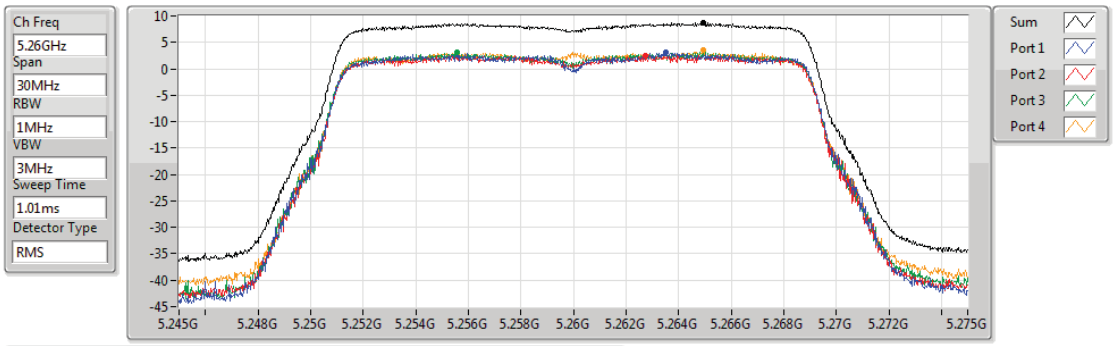
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	2.94	3.76	3.59	3.27

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

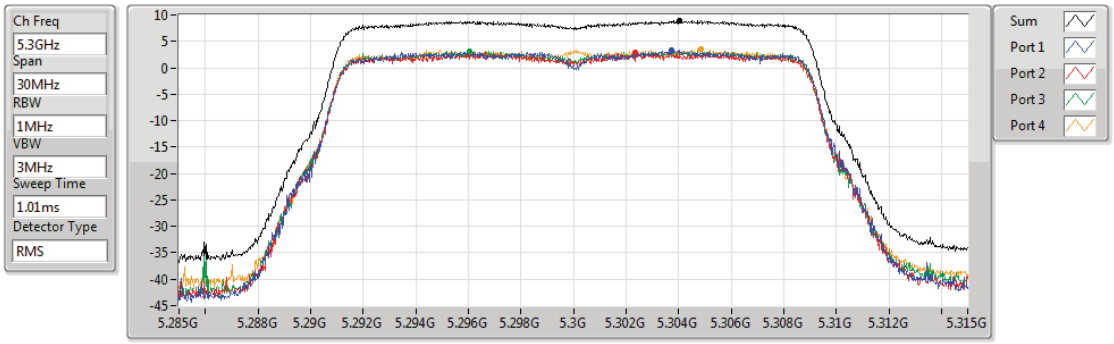
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	3.10	2.52	3.07	3.48

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

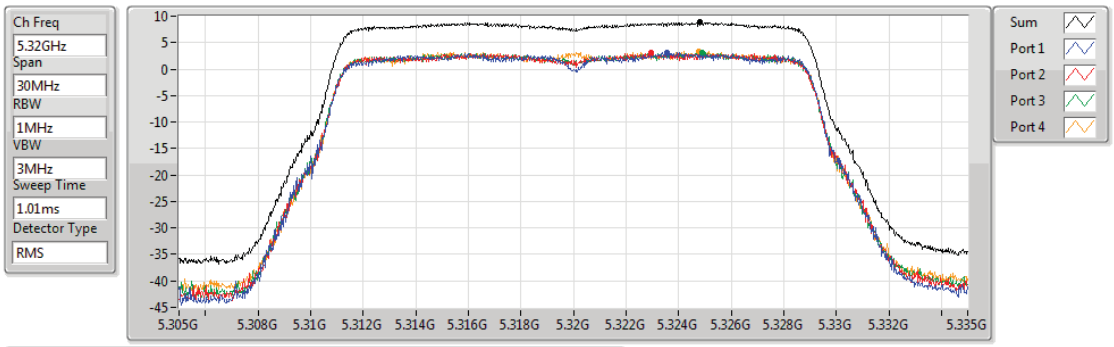
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	3.37	2.90	3.15	3.52

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5320MHz

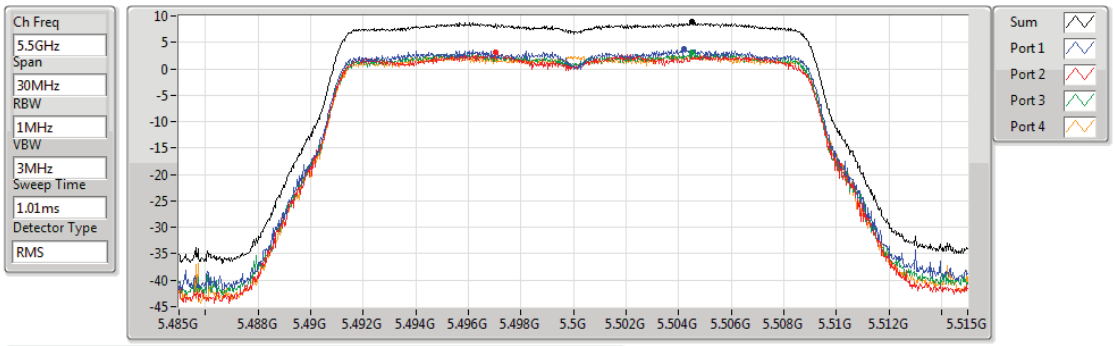


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	3.16	3.07	3.13	3.36

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5500MHz

04/09/2018

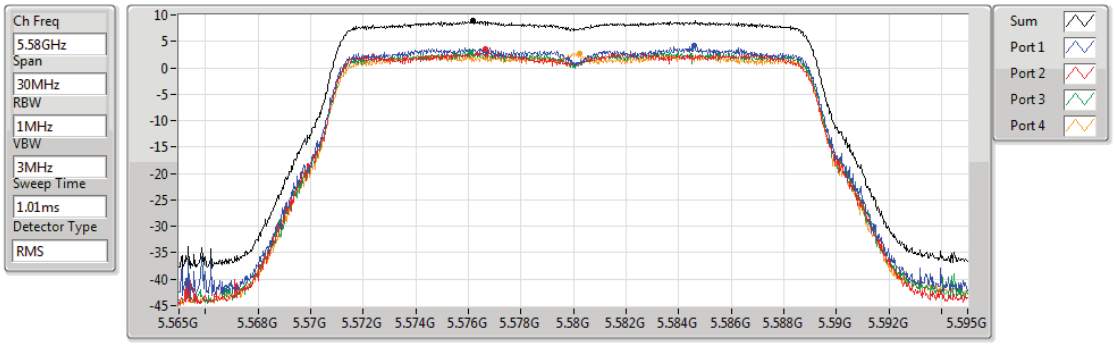


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	3.81	3.17	3.13	3.08

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5580MHz

04/09/2018

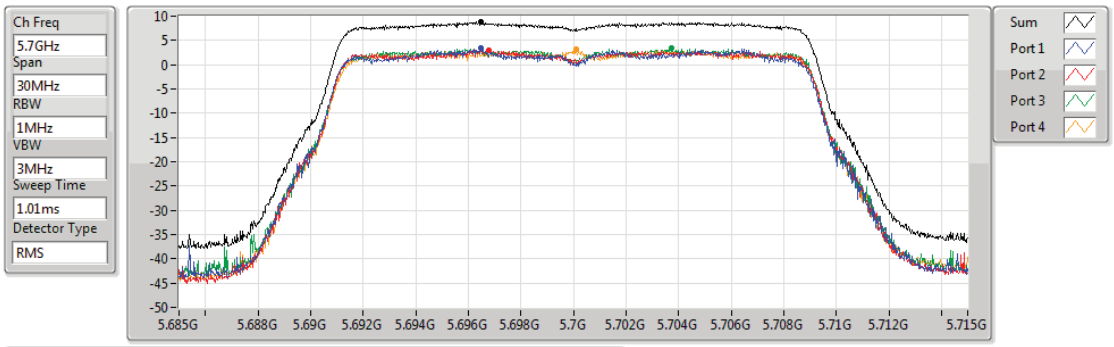


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	4.14	3.46	2.99	2.78

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5700MHz

04/09/2018

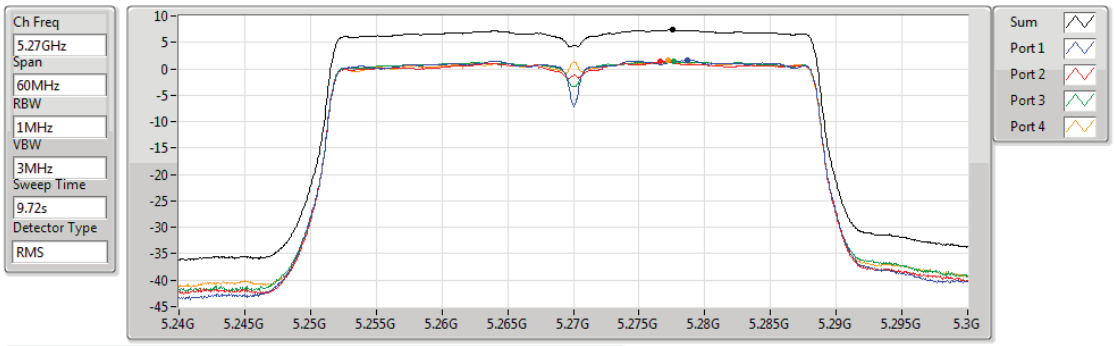


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	3.36	3.00	3.38	3.31

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5270MHz

04/09/2018

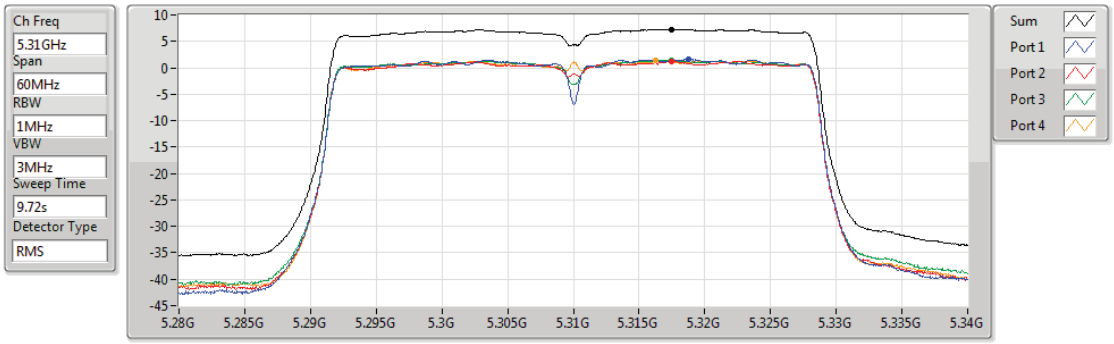


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	1.64	1.34	1.40	1.55

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5310MHz

04/09/2018

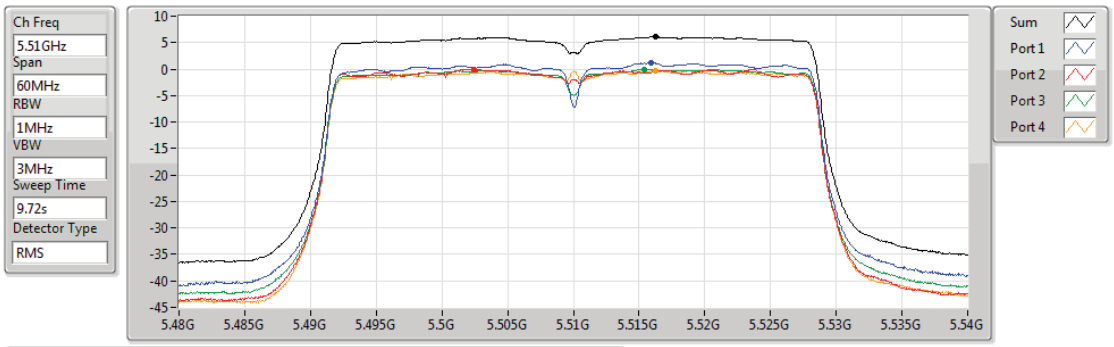


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	1.67	1.25	1.42	1.34

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5510MHz

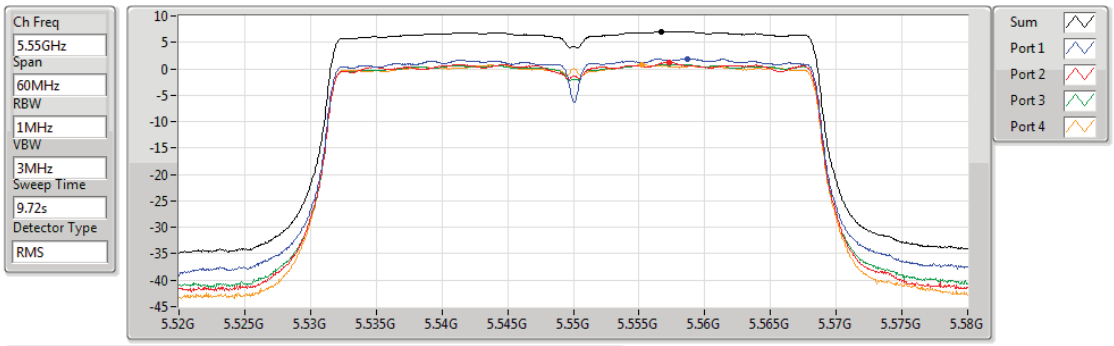
04/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.11	6.11	1.14	-0.02	-0.09	-0.26

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

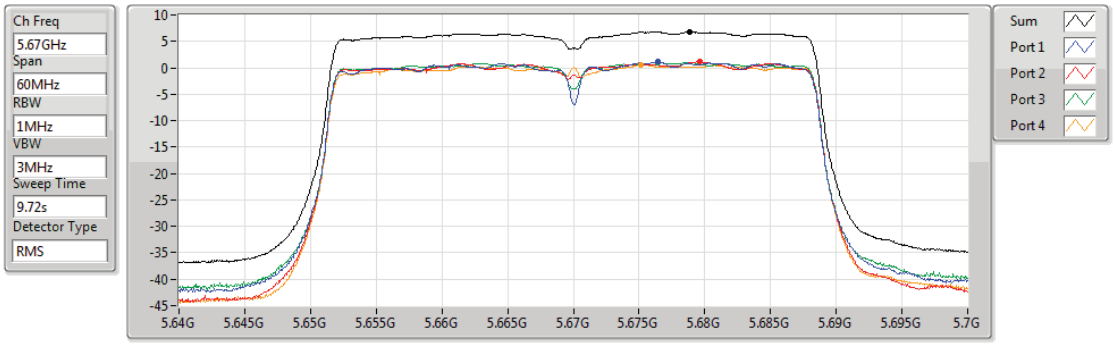
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	1.88	1.25	0.89	0.78

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

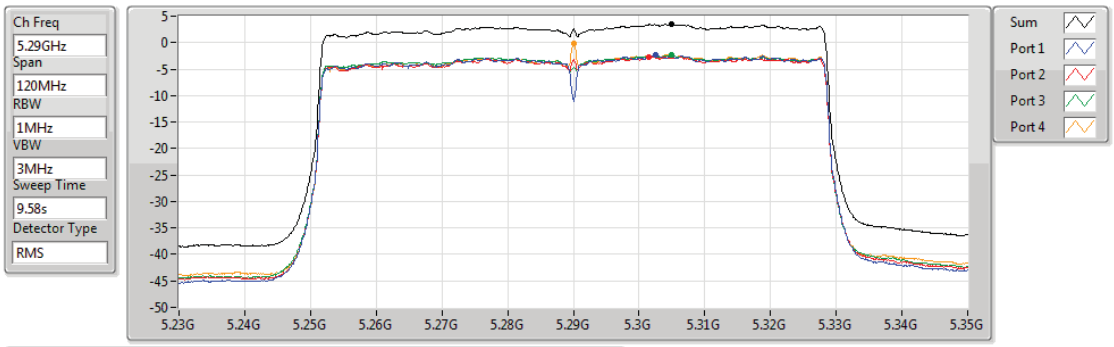
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.78	6.78	1.13	1.12	1.08	0.58

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

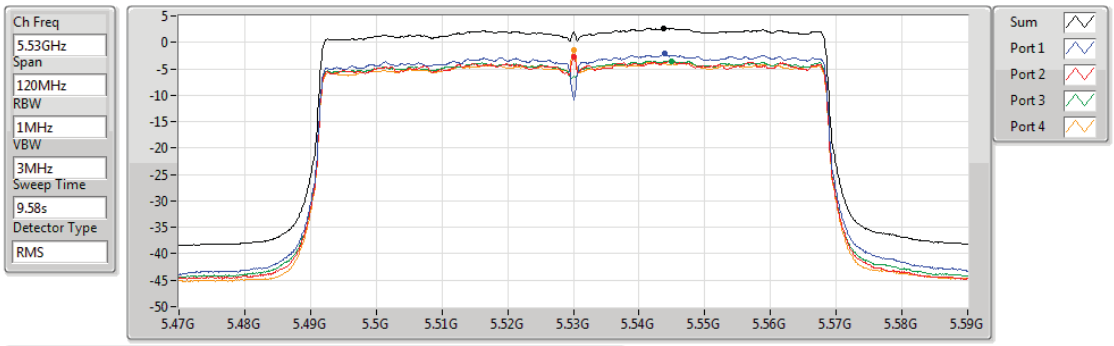
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	-2.39	-2.67	-2.39	-0.25

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

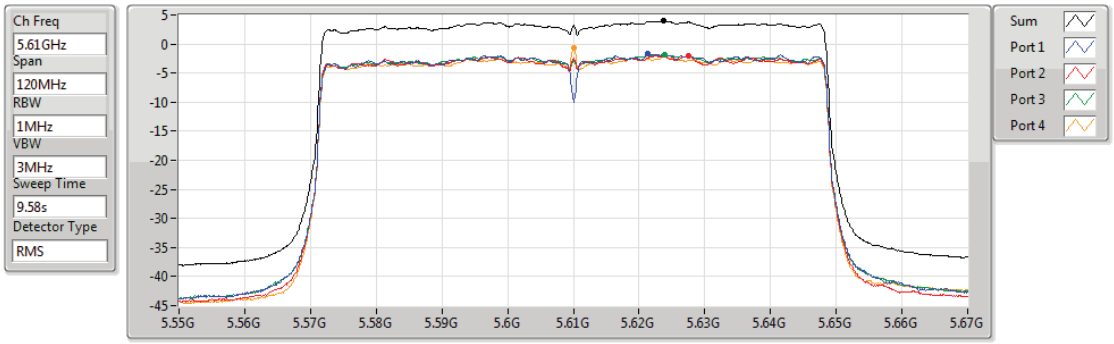
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-2.19	-2.73	-3.49	-1.43

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.96	3.96	-1.66	-2.02	-1.92	-0.62

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.17	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.34	16.82
802.11ac VHT40_Nss1,(MCS0)_4TX	-1.18	16.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-1.67	16.49
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.18	16.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.20	16.96
802.11ac VHT40_Nss1,(MCS0)_4TX	-1.32	16.84
802.11ac VHT80_Nss1,(MCS0)_4TX	-1.92	16.24

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

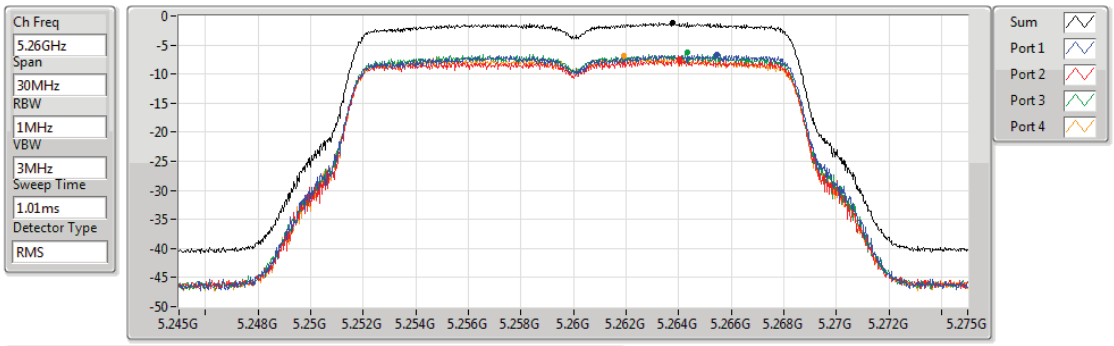
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	-6.62	-7.46	-6.20	-6.87	-1.17	-1.16	16.99	17.00
5300MHz	Pass	18.16	-6.87	-7.45	-6.66	-7.06	-1.32	-1.16	16.84	17.00
5320MHz	Pass	18.16	-6.82	-7.53	-6.64	-6.94	-1.28	-1.16	16.88	17.00
5500MHz	Pass	18.16	-6.35	-6.92	-6.28	-7.62	-1.20	-1.16	16.96	17.00
5580MHz	Pass	18.16	-6.02	-6.69	-6.81	-7.56	-1.18	-1.16	16.98	17.00
5700MHz	Pass	18.16	-7.04	-6.42	-6.55	-7.08	-1.35	-1.16	16.81	17.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	-6.68	-7.19	-6.91	-6.23	-1.43	-1.16	16.73	17.00
5300MHz	Pass	18.16	-6.73	-6.89	-6.95	-6.17	-1.41	-1.16	16.75	17.00
5320MHz	Pass	18.16	-6.72	-6.74	-7.07	-6.01	-1.34	-1.16	16.82	17.00
5500MHz	Pass	18.16	-6.49	-6.64	-6.82	-5.82	-1.36	-1.16	16.80	17.00
5580MHz	Pass	18.16	-6.53	-6.75	-6.83	-5.28	-1.20	-1.16	16.96	17.00
5700MHz	Pass	18.16	-7.15	-7.29	-7.22	-5.37	-1.35	-1.16	16.81	17.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.16	-6.89	-7.15	-7.29	-5.34	-1.18	-1.16	16.98	17.00
5310MHz	Pass	18.16	-6.49	-6.90	-7.46	-6.47	-1.23	-1.16	16.93	17.00
5510MHz	Pass	18.16	-6.15	-7.39	-7.59	-5.43	-1.37	-1.16	16.79	17.00
5550MHz	Pass	18.16	-6.63	-7.01	-7.59	-6.60	-1.32	-1.16	16.84	17.00
5670MHz	Pass	18.16	-6.71	-7.43	-7.15	-6.51	-1.42	-1.16	16.74	17.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.16	-7.44	-7.93	-7.41	-4.35	-1.67	-1.16	16.49	17.00
5530MHz	Pass	18.16	-6.84	-8.11	-8.18	-4.70	-1.92	-1.16	16.24	17.00
5610MHz	Pass	18.16	-7.67	-8.14	-7.96	-4.84	-2.02	-1.16	16.14	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

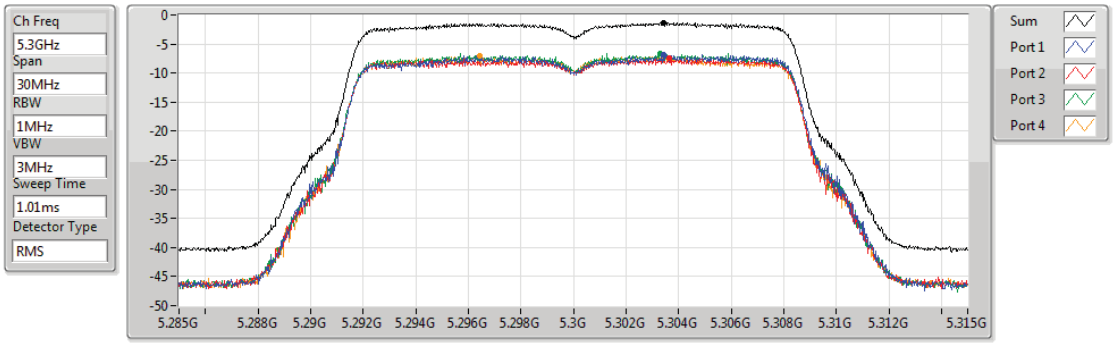
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.17	-1.17	-6.62	-7.46	-6.20	-6.87

802.11a_Nss1,(6Mbps)_4TX PSD

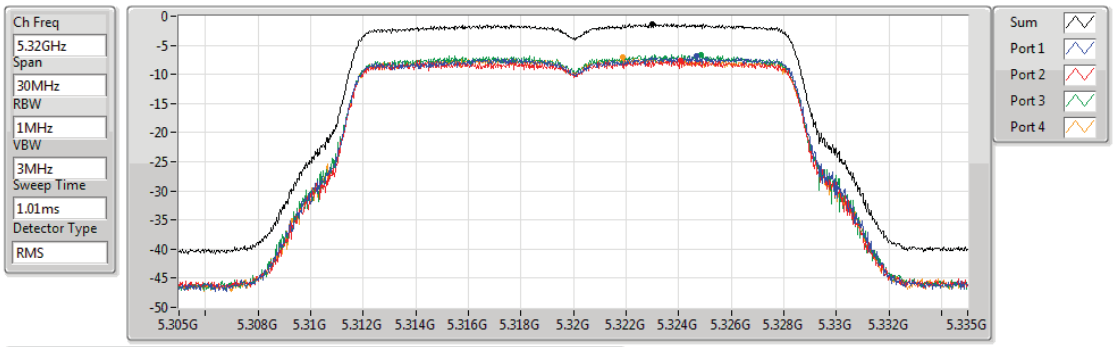
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.32	-1.32	-6.87	-7.45	-6.66	-7.06

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

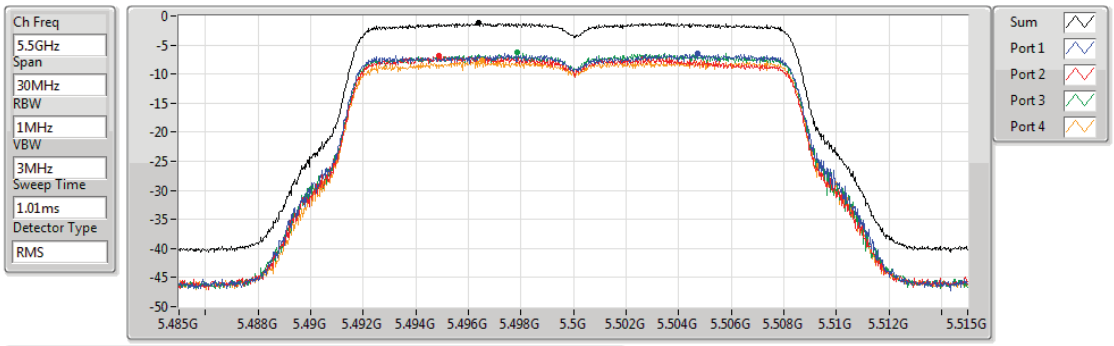


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.28	-1.28	-6.82	-7.53	-6.64	-6.94

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

04/09/2018

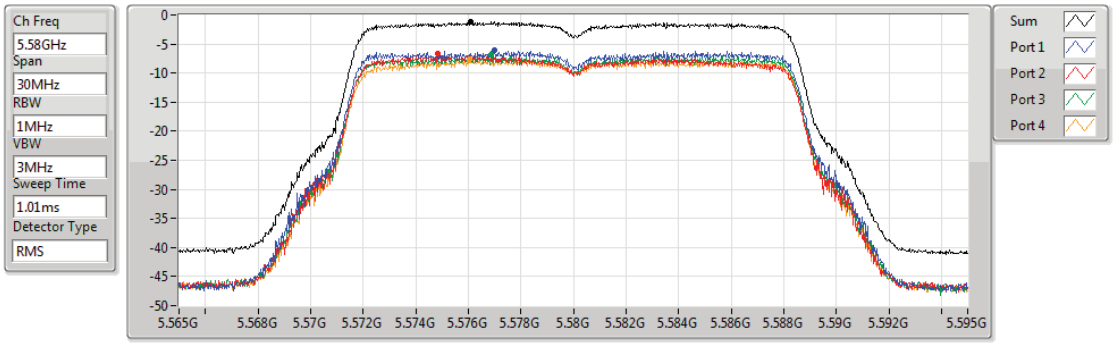


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-6.35	-6.92	-6.28	-7.62

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

04/09/2018

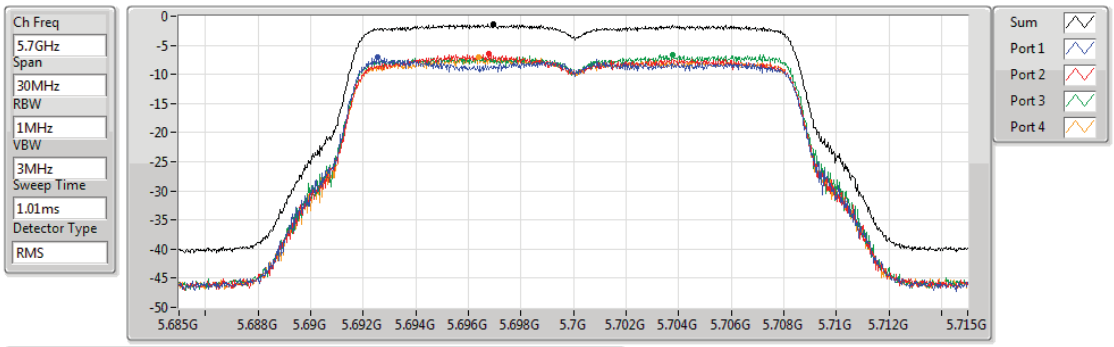


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-6.02	-6.69	-6.81	-7.56

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

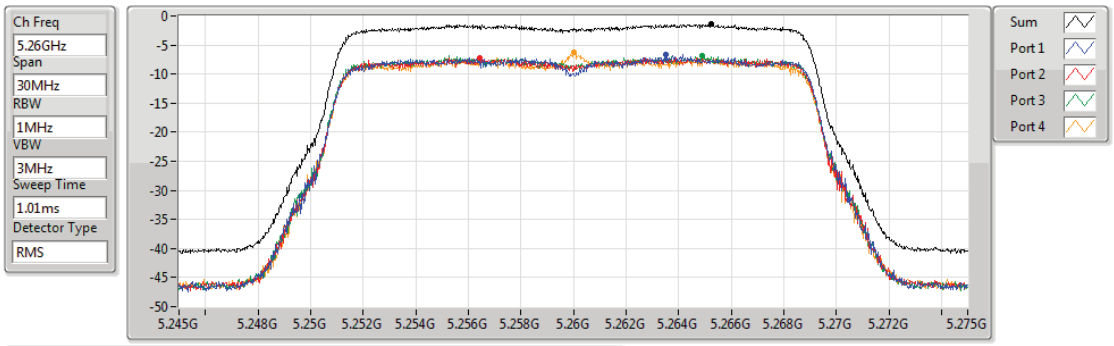
04/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.35	-1.35	-7.04	-6.42	-6.55	-7.08

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

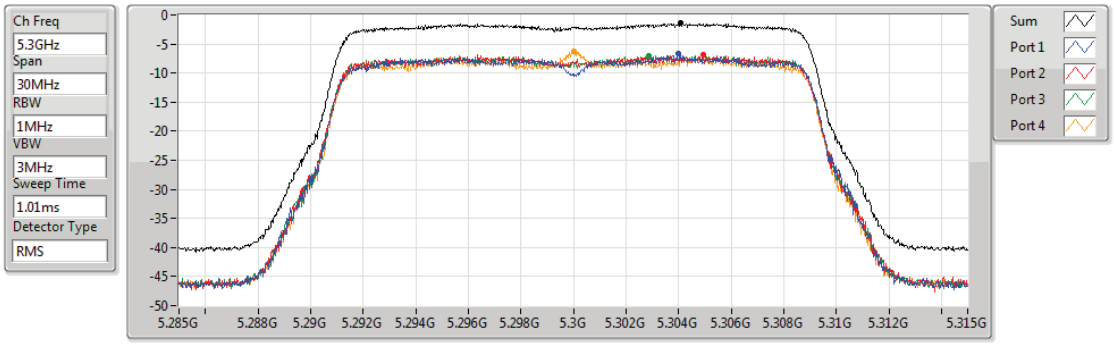
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-6.68	-7.19	-6.91	-6.23

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

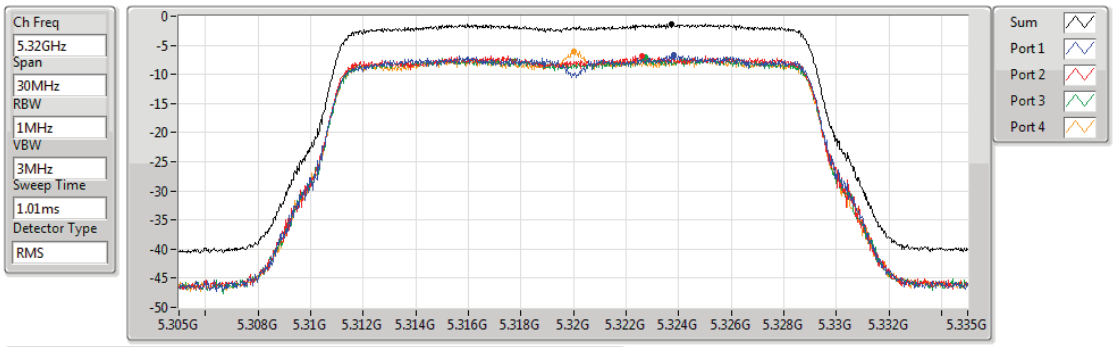
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.41	-1.41	-6.73	-6.89	-6.95	-6.17

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

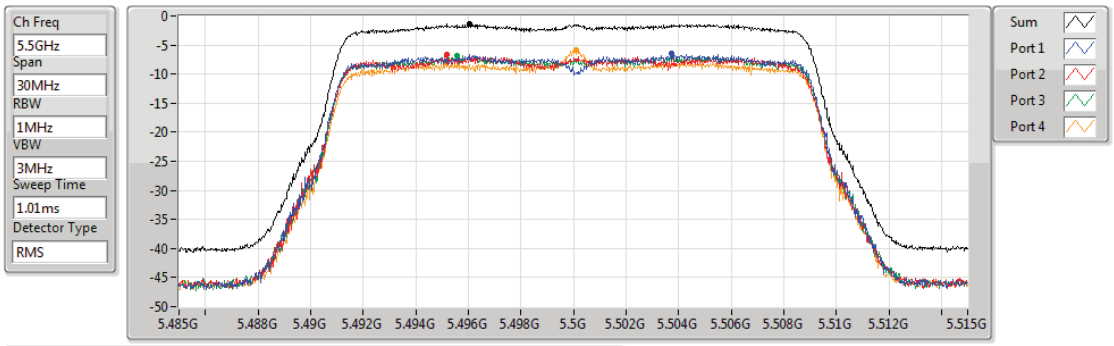
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-6.72	-6.74	-7.07	-6.01

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

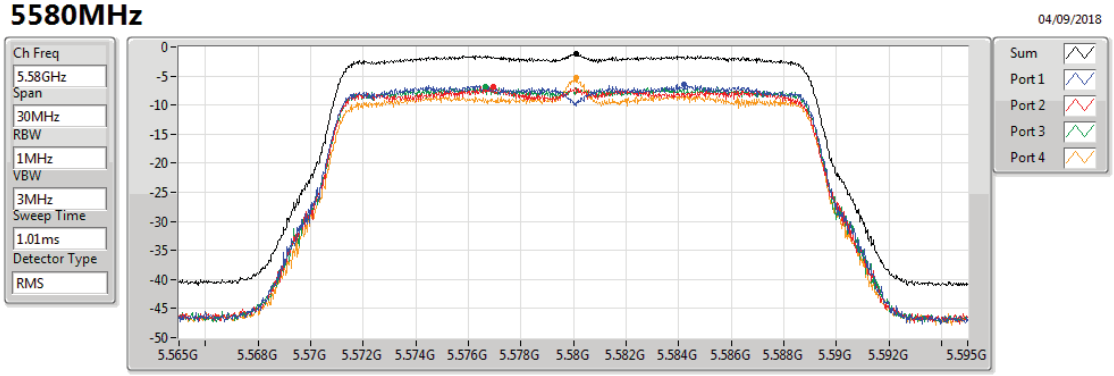
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-6.49	-6.64	-6.82	-5.82

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

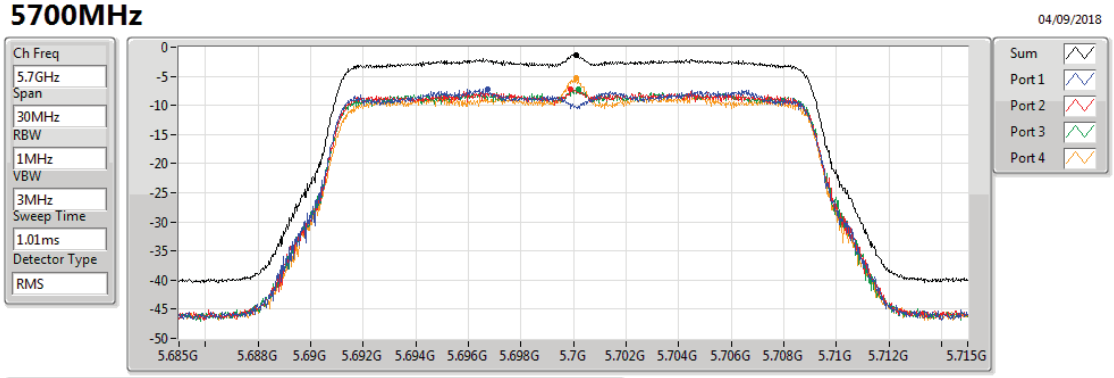
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-6.53	-6.75	-6.83	-5.28

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

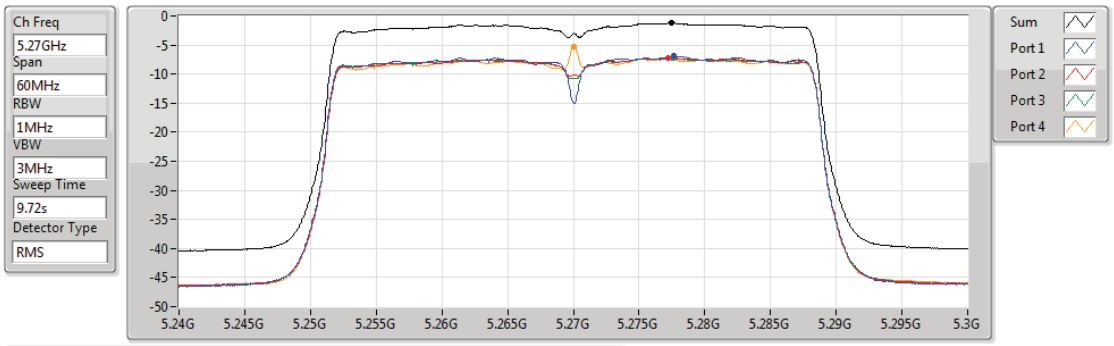
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.35	-1.35	-7.15	-7.29	-7.22	-5.37

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

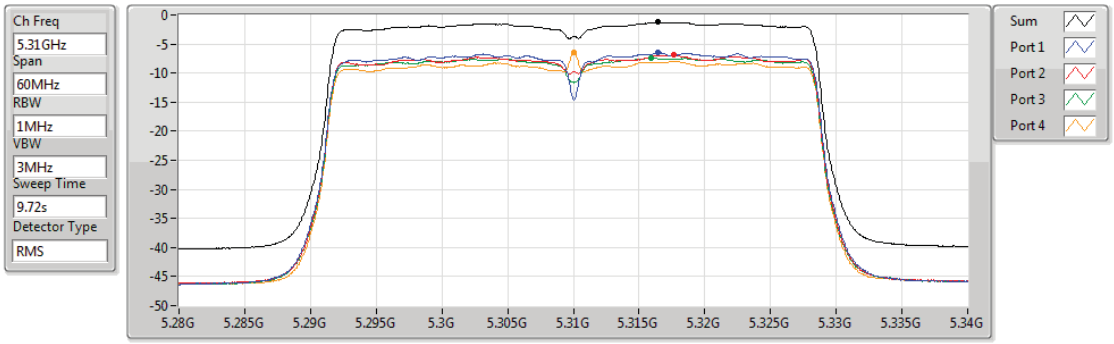
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-6.89	-7.15	-7.29	-5.34

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

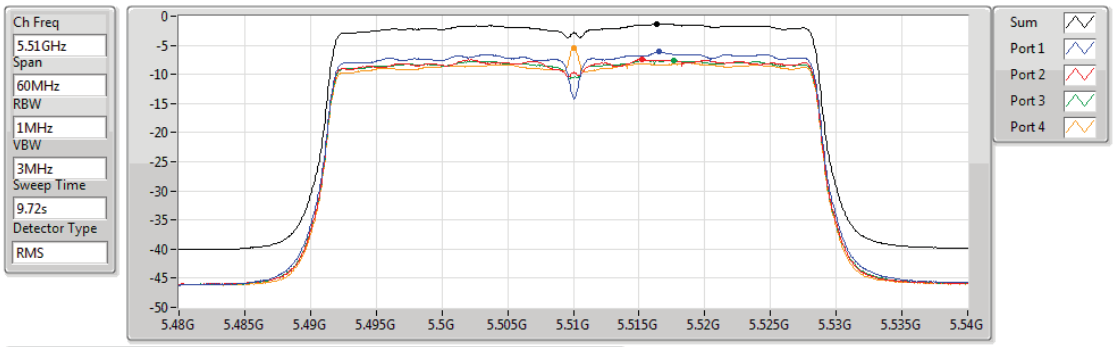
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.23	-1.23	-6.49	-6.90	-7.46	-6.47

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

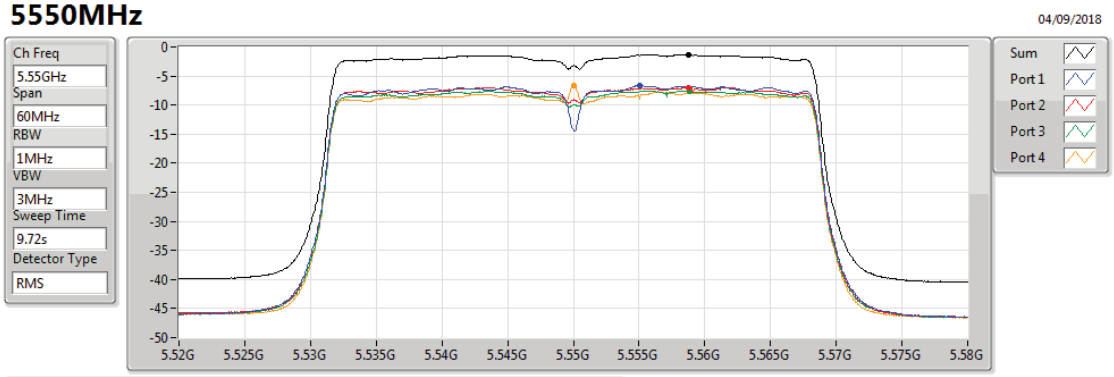
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-6.15	-7.39	-7.59	-5.43

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

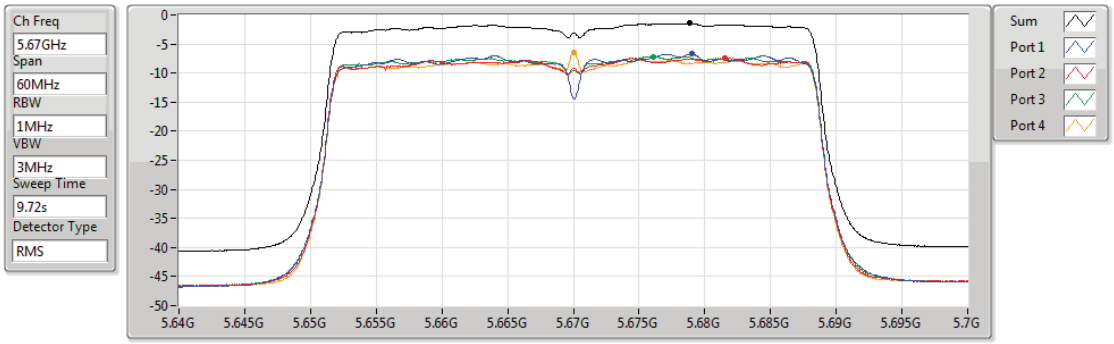
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.32	-1.32	-6.63	-7.01	-7.59	-6.60

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

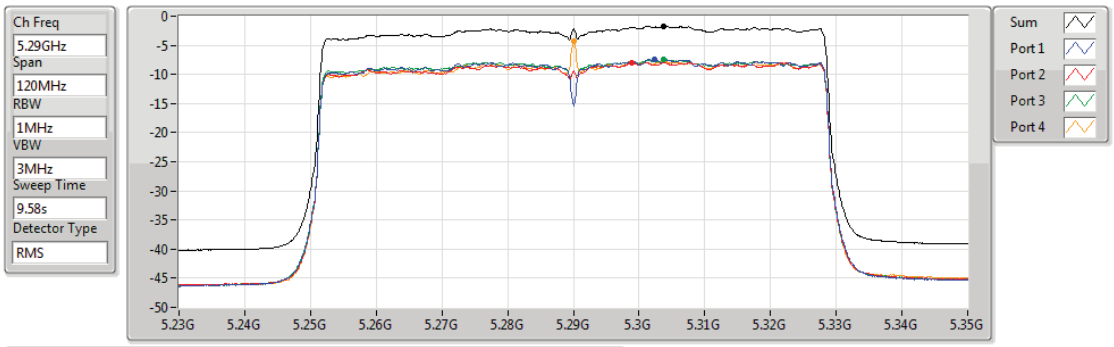
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.42	-1.42	-6.71	-7.43	-7.15	-6.51

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

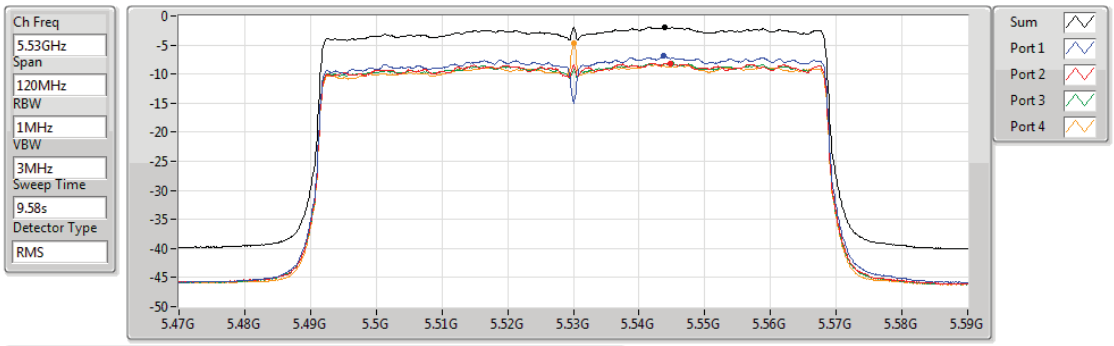
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.67	-1.67	-7.44	-7.93	-7.41	-4.35

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

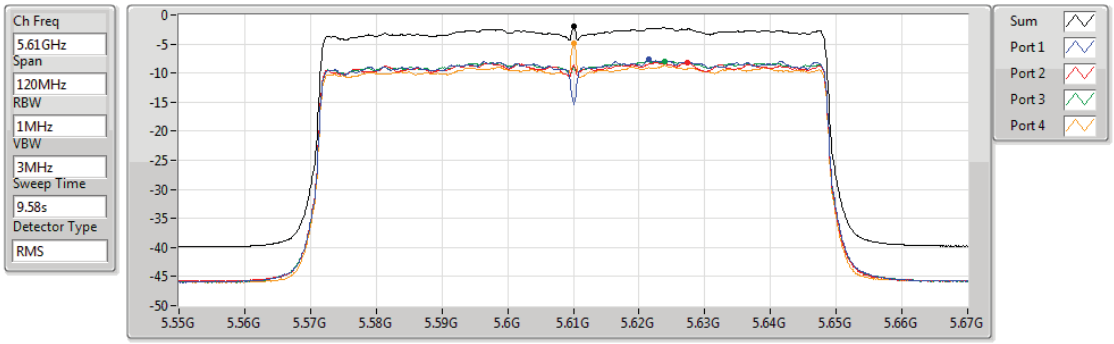
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-6.84	-8.11	-8.18	-4.70

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.02	-2.02	-7.67	-8.14	-7.96	-4.84

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.95	16.97
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.78	14.80
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.65	7.37
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.92	16.94
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.47	14.49
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.24	11.26

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

Result

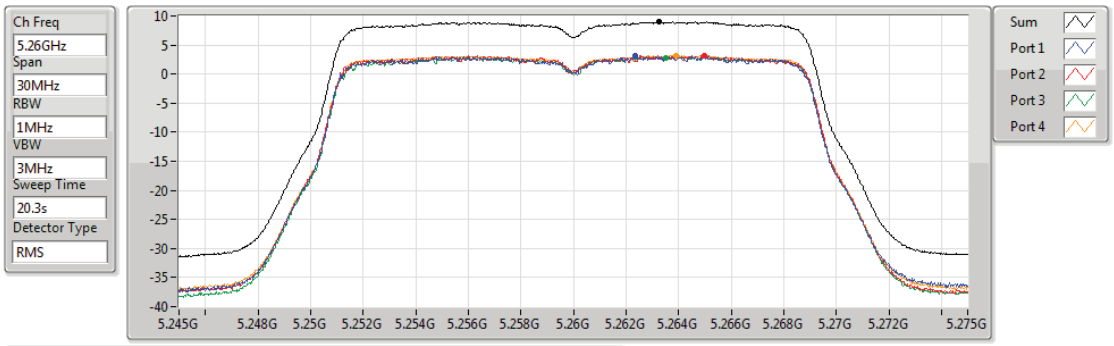
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.02	3.13	3.15	2.84	3.14	8.95	8.98	16.97	17.00
5300MHz	Pass	8.02	2.95	3.00	2.88	2.64	8.81	8.98	16.83	17.00
5320MHz	Pass	8.02	3.11	3.17	2.72	2.76	8.84	8.98	16.86	17.00
5500MHz	Pass	8.02	3.26	2.98	2.79	3.07	8.92	8.98	16.94	17.00
5580MHz	Pass	8.02	3.13	2.56	2.62	3.00	8.73	8.98	16.75	17.00
5700MHz	Pass	8.02	3.03	2.40	2.54	3.10	8.70	8.98	16.72	17.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.02	1.20	1.07	1.14	0.81	6.78	8.98	14.80	17.00
5310MHz	Pass	8.02	0.82	1.22	0.59	0.57	6.62	8.98	14.64	17.00
5510MHz	Pass	8.02	-1.59	-1.83	-1.77	-1.47	4.23	8.98	12.25	17.00
5550MHz	Pass	8.02	0.35	-0.45	-0.12	0.35	5.94	8.98	13.96	17.00
5670MHz	Pass	8.02	0.85	0.25	0.18	1.00	6.47	8.98	14.49	17.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.02	-6.79	-6.34	-6.36	-6.72	-0.65	8.98	7.37	17.00
5530MHz	Pass	8.02	-6.06	-6.59	-6.24	-6.24	-0.42	8.98	7.60	17.00
5610MHz	Pass	8.02	-2.21	-3.12	-2.88	-2.40	3.24	8.98	11.26	17.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

07/09/2018

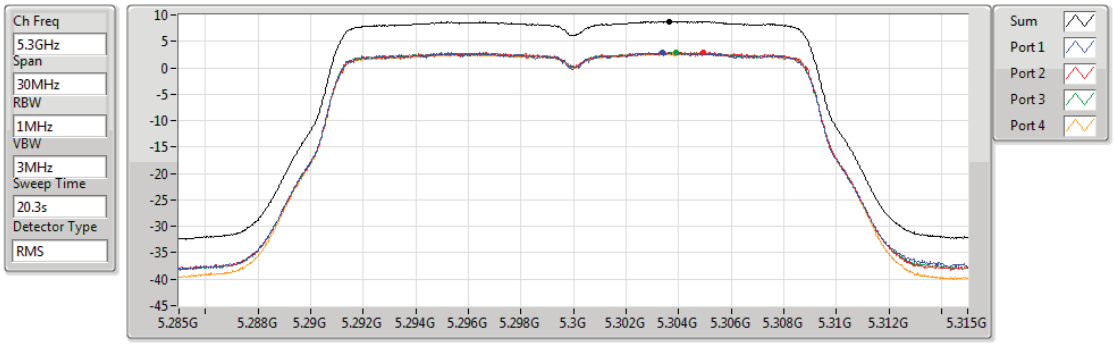


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	3.13	3.15	2.84	3.14

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

07/09/2018

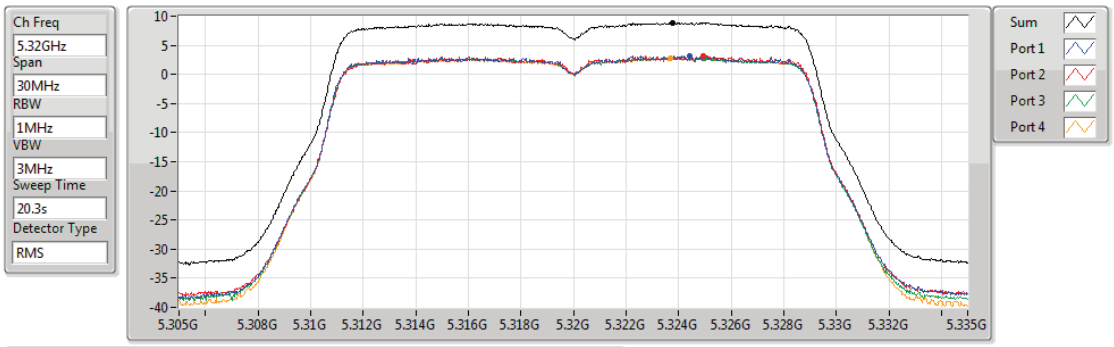


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	2.95	3.00	2.88	2.64

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

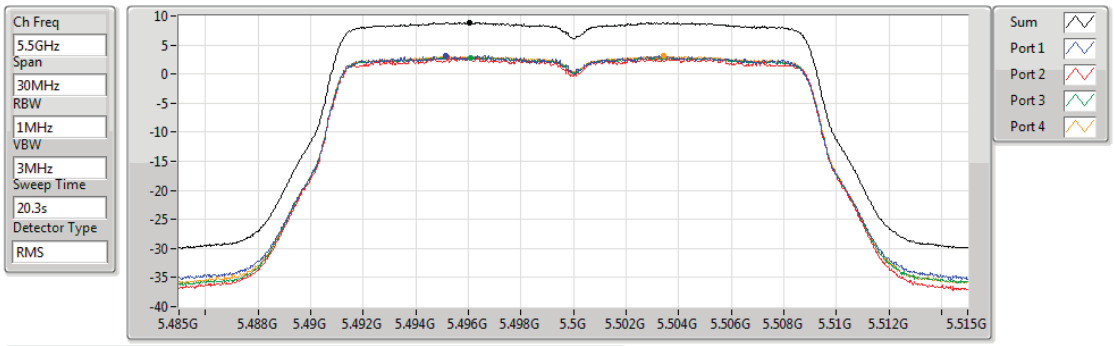
07/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	3.11	3.17	2.72	2.76

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

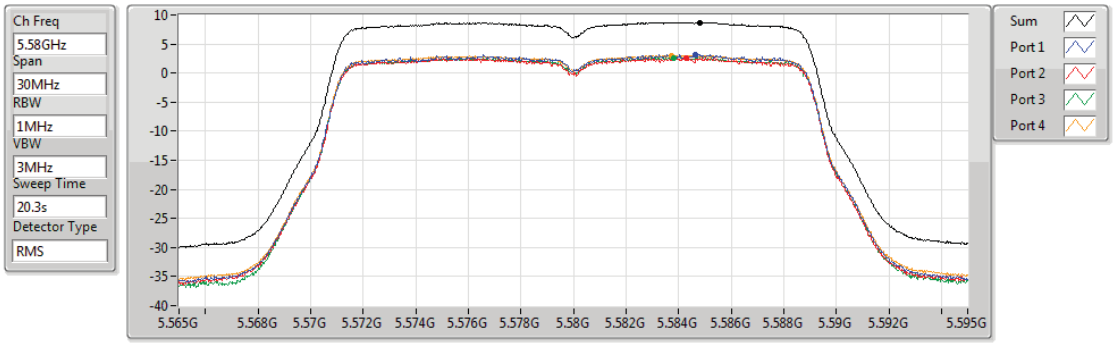
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.92	8.92	3.26	2.98	2.79	3.07

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

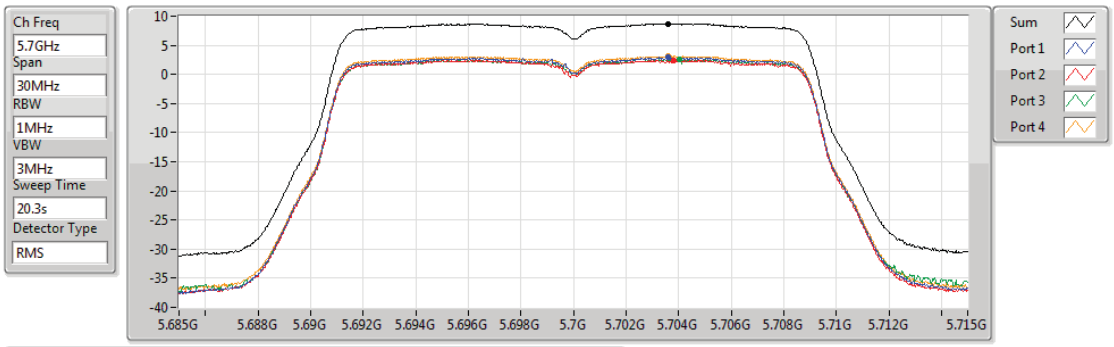
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	3.13	2.56	2.62	3.00

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

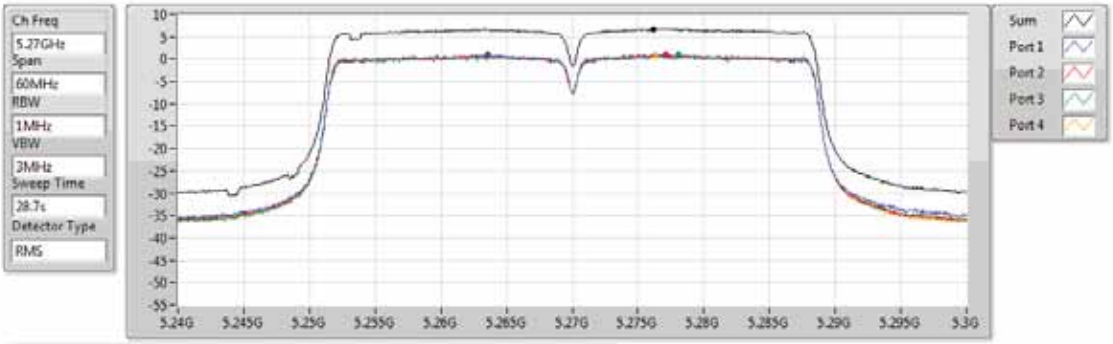
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	3.03	2.40	2.54	3.10

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

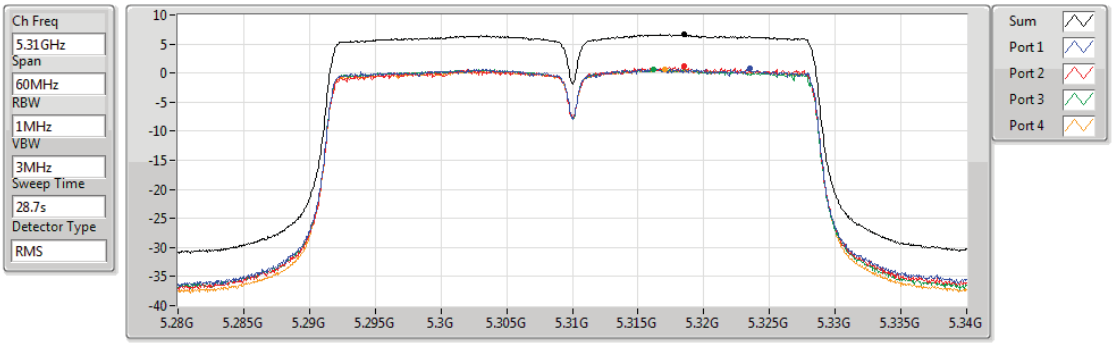
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.78	6.78	1.20	1.07	1.14	0.81

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

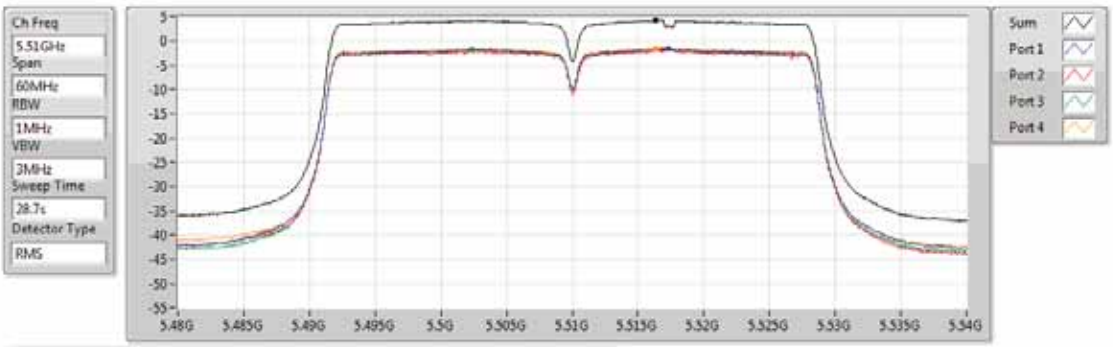
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	0.82	1.22	0.59	0.57

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

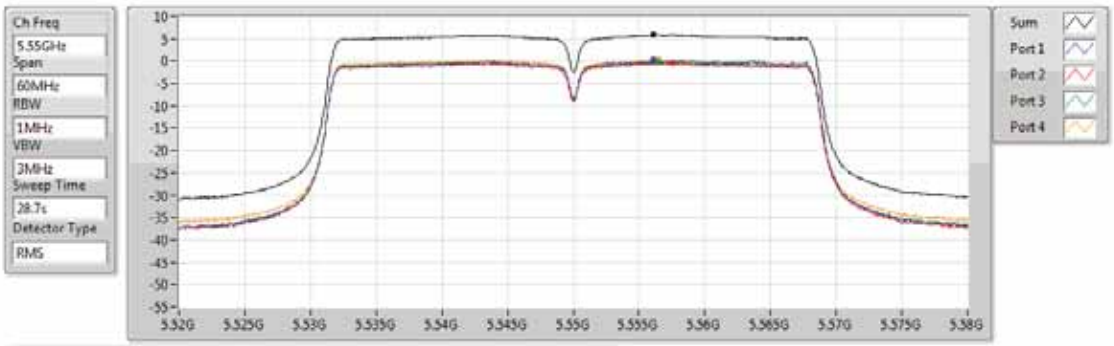
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.59	-1.83	-1.77	-1.47

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

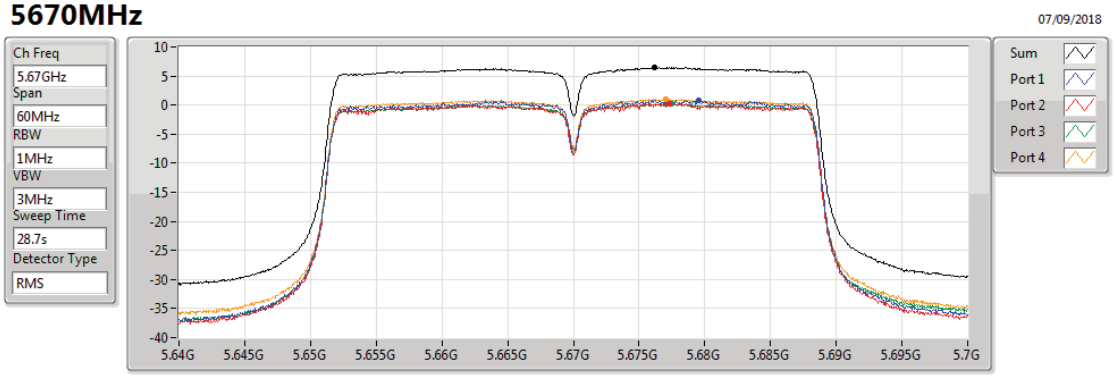
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	0.35	-0.45	-0.12	0.35

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

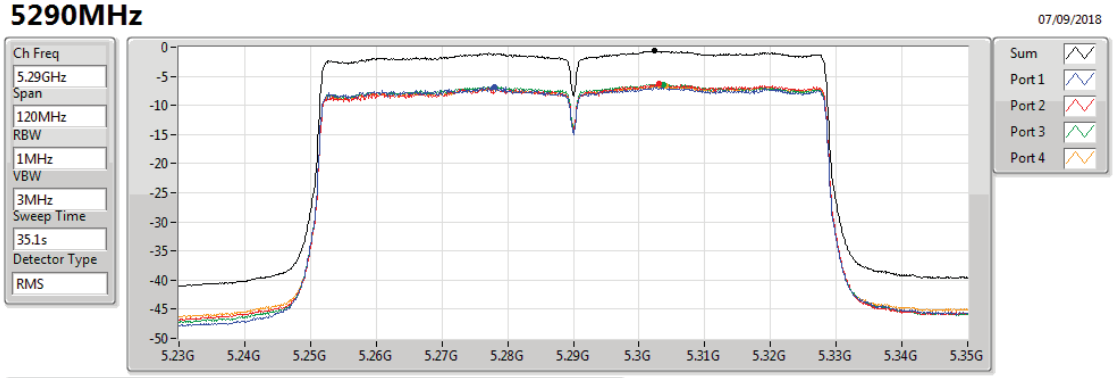
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.47	6.47	0.85	0.25	0.18	1.00

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

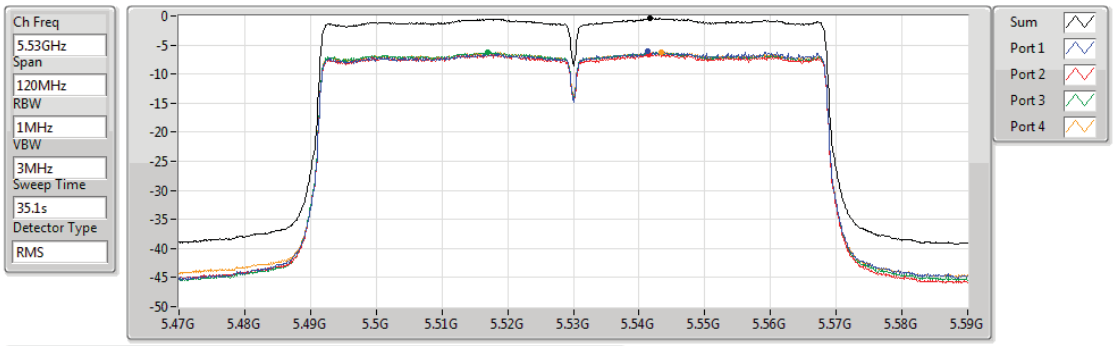


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-6.79	-6.34	-6.36	-6.72

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

07/09/2018

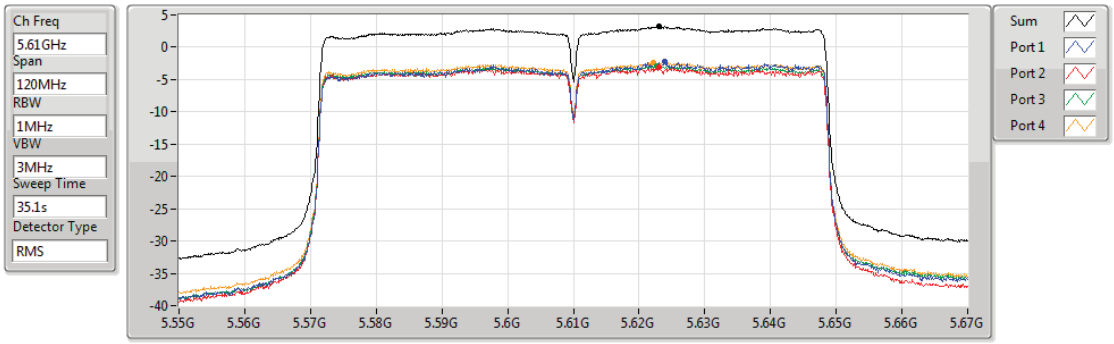


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.42	-0.42	-6.06	-6.59	-6.24	-6.24

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

07/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.24	3.24	-2.21	-3.12	-2.88	-2.40

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-1.18	16.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-3.98	14.18
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-6.85	11.31
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-1.35	16.81
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-4.10	14.06
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-7.52	10.64

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

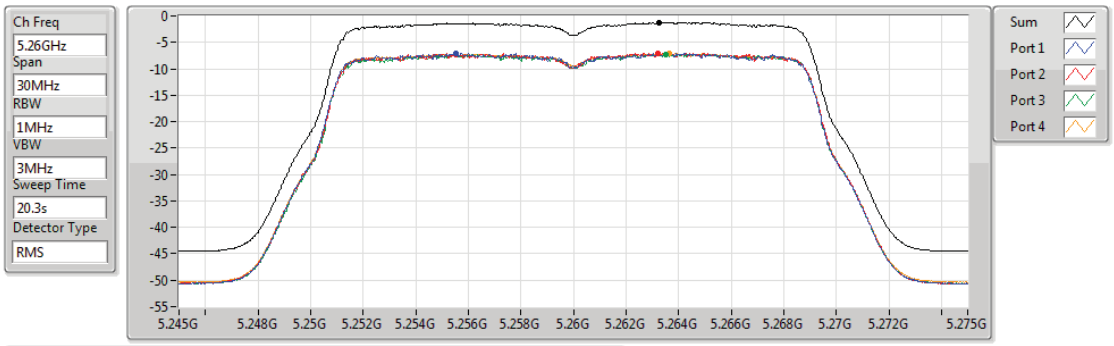
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.16	-7.08	-7.03	-7.26	-7.16	-1.25	-1.16	16.91	17.00
5300MHz	Pass	18.16	-7.14	-6.91	-7.09	-7.31	-1.18	-1.16	16.98	17.00
5320MHz	Pass	18.16	-7.03	-6.86	-7.36	-7.53	-1.21	-1.16	16.95	17.00
5500MHz	Pass	18.16	-7.47	-7.61	-7.35	-7.46	-1.49	-1.16	16.67	17.00
5580MHz	Pass	18.16	-7.62	-7.86	-7.74	-7.49	-1.71	-1.16	16.45	17.00
5700MHz	Pass	18.16	-7.24	-7.63	-7.45	-6.94	-1.35	-1.16	16.81	17.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.16	-9.13	-9.36	-9.32	-10.35	-3.98	-1.16	14.18	17.00
5310MHz	Pass	18.16	-9.40	-9.49	-10.25	-10.38	-4.07	-1.16	14.09	17.00
5510MHz	Pass	18.16	-10.55	-10.67	-10.36	-10.24	-4.56	-1.16	13.60	17.00
5550MHz	Pass	18.16	-10.48	-11.05	-10.60	-10.45	-4.69	-1.16	13.47	17.00
5670MHz	Pass	18.16	-10.01	-10.02	-10.24	-9.81	-4.10	-1.16	14.06	17.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.16	-12.93	-12.52	-12.63	-12.83	-6.85	-1.16	11.31	17.00
5530MHz	Pass	18.16	-13.58	-13.90	-13.54	-13.57	-7.76	-1.16	10.40	17.00
5610MHz	Pass	18.16	-13.36	-13.71	-13.51	-13.13	-7.52	-1.16	10.64	17.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

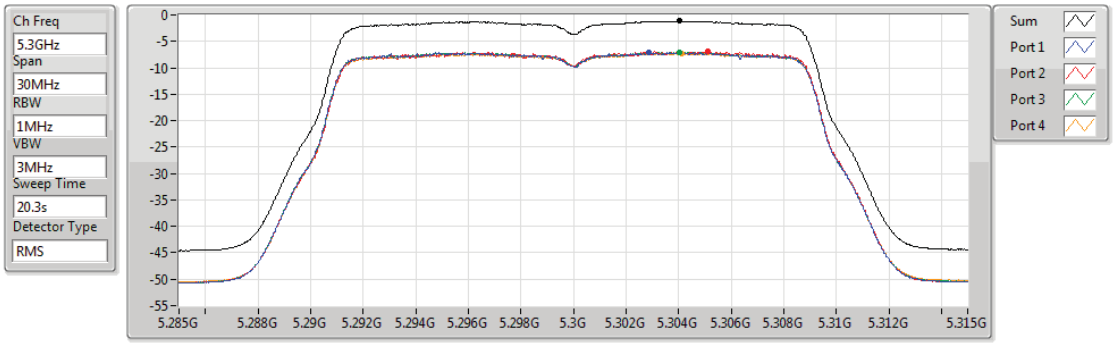
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-7.08	-7.03	-7.26	-7.16

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

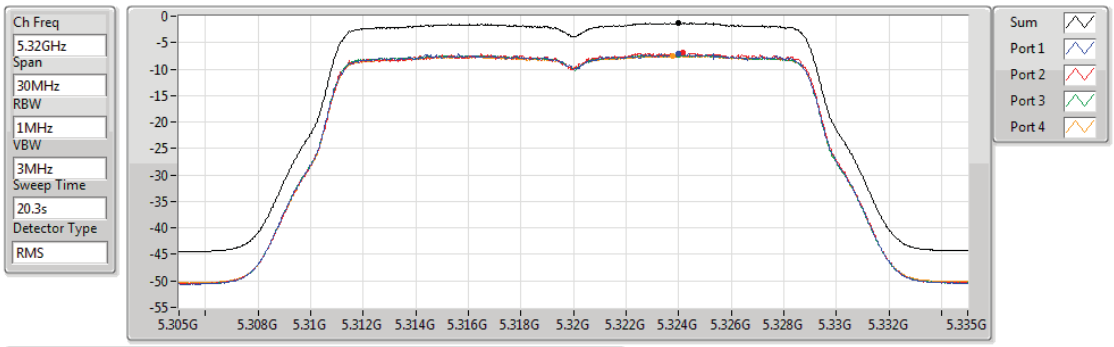
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-7.14	-6.91	-7.09	-7.31

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

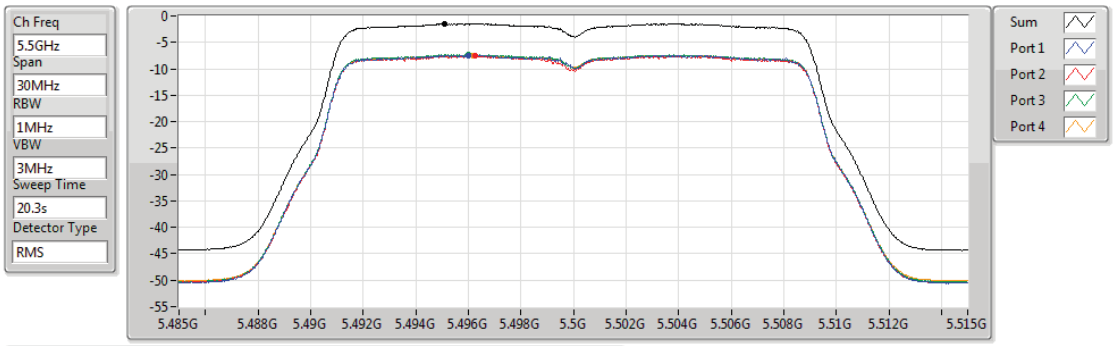


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.21	-1.21	-7.03	-6.86	-7.36	-7.53

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

07/09/2018

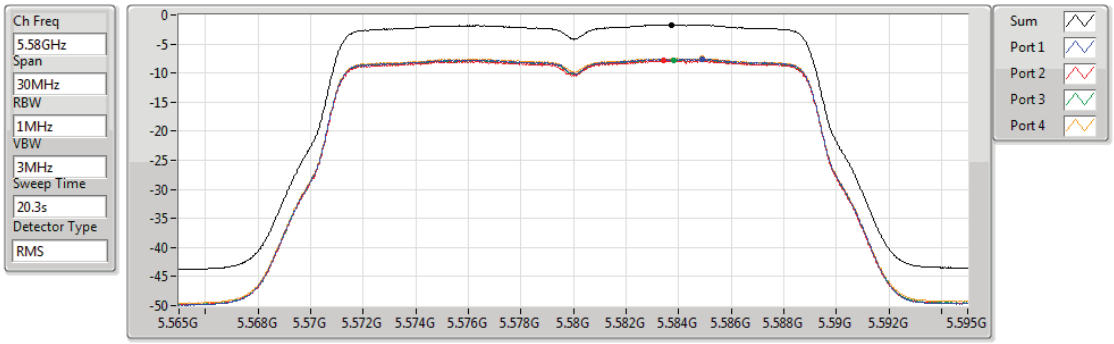


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.49	-1.49	-7.47	-7.61	-7.35	-7.46

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

07/09/2018

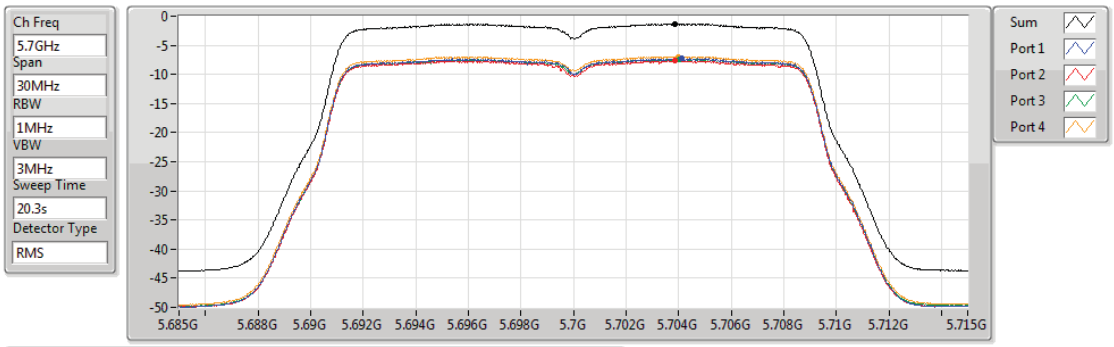


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.71	-1.71	-7.62	-7.86	-7.74	-7.49

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

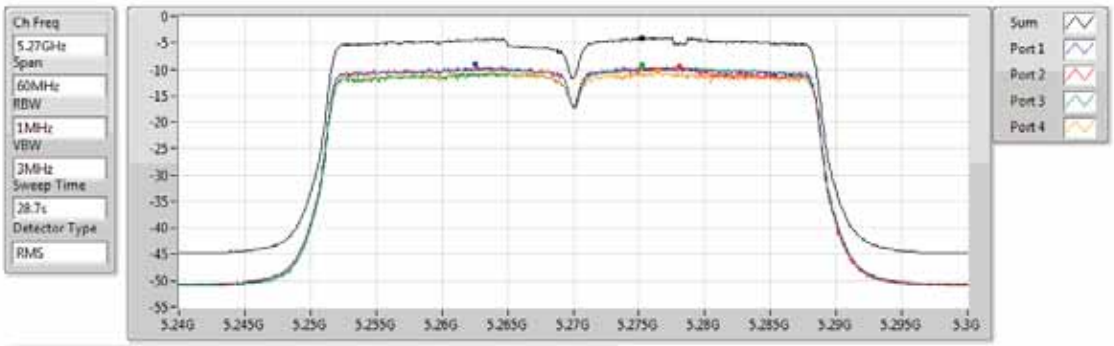
07/09/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.35	-1.35	-7.24	-7.63	-7.45	-6.94

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

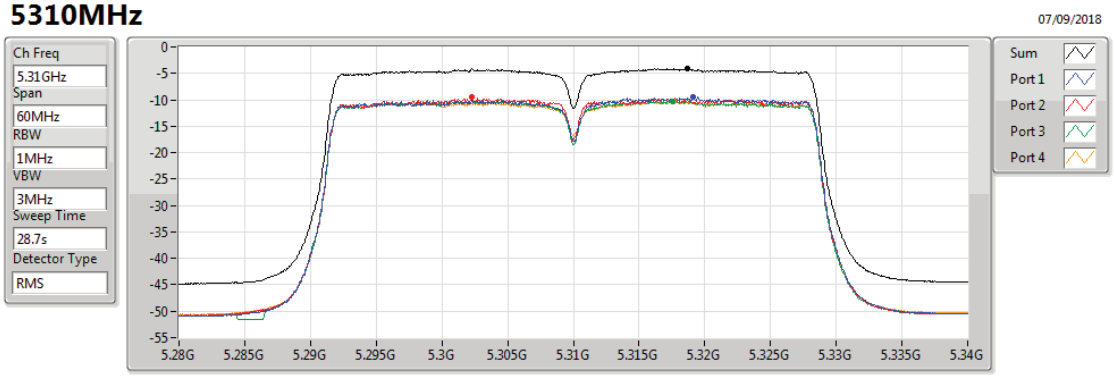
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.88	-3.88	-9.13	-9.36	-9.32	-10.35

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

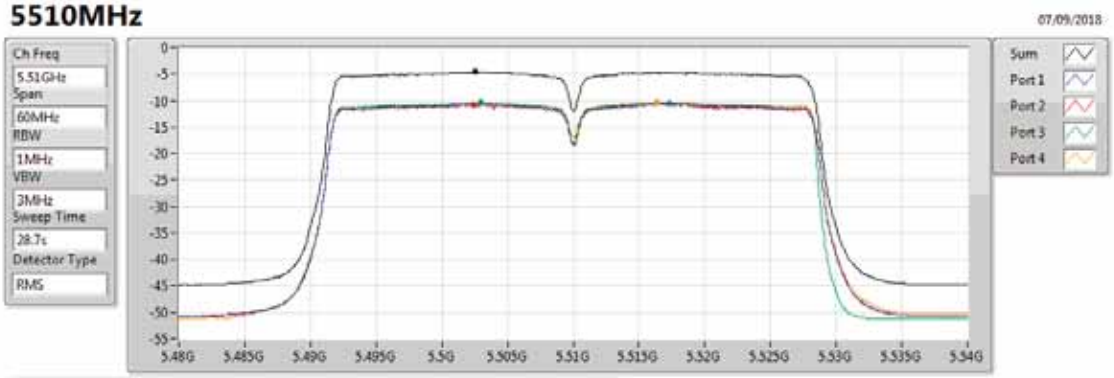
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.07	-4.07	-9.40	-9.49	-10.25	-10.38

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.56	-4.56	-10.55	-10.67	-10.36	-10.24