FCC Test Report

FCC ID	:	ACQ-VIP6102W
Equipment	:	IPTV WiFi Set Top Box
Brand Name	:	ARRIS,Bell,Telus
Model Name	:	VIP6102W
Applicant	:	ARRIS 101 Tournament Drive, Horsham PA 19044, USA
Manufacturer	:	ARRIS 101 Tournament Drive, Horsham PA 19044, USA
Standard	:	47 CFR FCC Part 15.407

The product was received on May 05, 2018, and testing was started from May 05, 2018 and completed on Jun. 07, 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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History of this test report

Report No.	Version	Description	Issued Date
FR852415AN	01	Initial issue of report	Jun. 20, 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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Reviewed by: Sam Chen

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

< Non-Beamforming >

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 1)
5.25-5.35GHz	802.11a	20	1TX(Port 1)
5.47-5.725GHz	802.11a	20	1TX(Port 1)
5.725-5.85GHz	802.11a	20	1TX(Port 1)
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX

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

< Beamforming >

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

Note:
- 11a 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.	Port	Brand	Model Name	Antenna Type	Connector
1	1	HONGBO	5G_ANT#1	Monopole	I-PEX
2	2	HONGBO	5G_ANT#2	Monopole	I-PEX
3	3	HONGBO	5G_ANT#3	Monopole	I-PEX
4	4	HONGBO	5G_ANT#4	Monopole	I-PEX
5	1	HONGBO	5G_ANT#5	Monopole	I-PEX

Ant. Port		Peak Gain (dBi)				
		5G				BT
		B1	B2	B3	B4	
1	1	5.06	-	-	-	-
2	2	-	5.55	-	-	-
3	3	-	-	6.12	-	-
4	4	-	-	-	5.33	-
5	1	-	-	-	-	3.17

Ant.	Correlated Gain (dBi)			
	5G			
	4T1S			
	B1	B2	B3	B4
1	7.5	-	-	-
2	-	7.5	-	-
3	-	-	7.1	-
4	-	-	-	7.1

Note 1: The EUT has five antennas.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 5 (port 1) was declared to be tested only by customer.

For 5GHz function:

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1(port 1) and it was record in this test report.

For IEEE 802.11 ac mode (4TX/4RX)

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

Note 2:

- The Signals support CDD and correlated, and transmits simultaneously in multiple channels in single or multiple frequency bands.
- If all antennas have the same gain, G_{ANT}:
  Directional gain = G_{ANT} + 10 log(N_{ANT}/N_{SS}) dBi, where N_{SS} = the number of independent spatial streams of data and G_{ANT} is the antenna gain in dBi. (This formula can also be applied when antennas have different gains if the highest antenna gain is substituted for G_{ANT}.)
- For power measurements on IEEE 802.11 devices,
  Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
  Array Gain = 5 log (N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

1.1.3 EUT Information

Operational Condition					
EUT Power Type	From AC Adapter				
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

< Non-Beamforming >

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.952	0.214	2.066m	1k
802.11ac VHT20	0.951	0.218	1.922m	1k
802.11ac VHT40	0.884	0.535	945.313u	3k
802.11ac VHT80	0.909	0.414	934.375u	3k

< Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.91	0.41	3.838m	300
802.11ac VHT40-BF	0.878	0.565	3.697m	300
802.11ac VHT80-BF	0.847	0.721	5.081m	300

1.1.5 Table for Multiple Listing

The brand in the following table is all refer to the identical product.

EUT	Brand Name	Model Name	Description
Sku 1	ARRIS	VIP6102W	All the models are identical, the difference model for difference brand served as marketing strategy.
Sku 2	Telus		
Sku 3	Bell		

Note 1: Sku 1 and Sku 2 are share case. The worst case was Sku 3 and it was record in this test report.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 789033 D02 v02r01
- 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
AC Conduction	CO04-HY	Daniel	24.6°C / 53%	23/May/2018
RF Conducted	TH06-HY	Chen	24.6°C / 64%	07/Jun/2018
Radiated <Non-Beamforming>	03CH09-HY	Jerry	25.3°C / 53.2%	05/May/2018
Radiated <Beamforming>	03CH09-HY	Jerry	25.5°C / 56%	08/May/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 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configura6tion of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
	Vnom	110V

2.2 Test Channel Mode

<Non-Beamforming>

Test Software Version	MTool 2.1.3.0

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	80
5200MHz	94
5240MHz	94
5260MHz	94
5300MHz	94
5320MHz	80
5500MHz	80
5580MHz	94
5700MHz	72
5720MHz Straddle 5.47-5.725GHz	90
5720MHz Straddle 5.725-5.85GHz	90
5745MHz	110
5785MHz	110
5825MHz	110
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	66
5200MHz	66
5240MHz	66
5260MHz	65
5300MHz	65

Mode	PowerSetting
5320MHz	66
5500MHz	68
5580MHz	69
5700MHz	68
5720MHz Straddle 5.47-5.725GHz	64
5720MHz Straddle 5.725-5.85GHz	64
5745MHz	95
5785MHz	95
5825MHz	97
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	66
5230MHz	71
5270MHz	71
5310MHz	66
5510MHz	68
5550MHz	71
5670MHz	71
5710MHz Straddle 5.47-5.725GHz	70
5710MHz Straddle 5.725-5.85GHz	70
5755MHz	94
5795MHz	92
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	62
5290MHz	64
5530MHz	66
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	70
5690MHz Straddle 5.725-5.85GHz	70
5775MHz	88

<Beamforming>

Test Software	Dos

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	62
5200MHz	62
5240MHz	60
5260MHz	60
5300MHz	60
5320MHz	61
5500MHz	66
5580MHz	66
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	62
5720MHz Straddle 5.725-5.85GHz	62
5745MHz	92
5785MHz	92
5825MHz	90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	65
5230MHz	65
5270MHz	66
5310MHz	62
5510MHz	64
5550MHz	68
5670MHz	68
5710MHz Straddle 5.47-5.725GHz	66
5710MHz Straddle 5.725-5.85GHz	66
5755MHz	89
5795MHz	89
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	60
5290MHz	60
5530MHz	66
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	66
5690MHz Straddle 5.725-5.85GHz	66
5775MHz	80

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Bluetooth +WLAN 5GHz
Refer to Sporton Test Report No.: FA852415 for Co-location RF Exposure Evaluation	

2.4 Accessories and Support Equipment

Accessories				
AC Adapter 1 (US Plug)	Brand Name	ARRIS	Model Name	NBS18D120150VU
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.6A, O/P: 12 Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
AC Adapter 2 (US Plug)	Brand Name	APD	Model Name	WB-18Q12FU
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 06A, O/P: 12Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
AC Adapter 3 (US Plug)	Brand Name	LITEON	Model Name	PB-1180-01R1
	Manufacturer	-	SN	-
	Power Rating	I/P: 100 - 240Vac, 0.6A, O/P: 12Vdc, 1.5A		
	Power Cord	1.74 meter, Non-Shielded cable, w/o ferrite core		
HDMI Cable	Category	-	In/Out door	In door
	Cable	1.5 meter, Shielded cable, w/o ferrite core		

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

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Client (Remote)	Bell	VIP6102W	-
2	Notebook (Remote)	DELL	E5530	DOC

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

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	Notebook <for Beamforming>	DELL	E5410	DOC
4	Adapter for NB <for Beamforming>	DELL	HA65NM130	-
5	Client <for Beamforming>	-	-	-

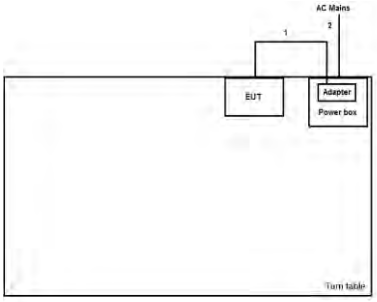
Note: Support equipment No.5 was provided by customer.

Support Equipment – Radiated Emission<for Beamforming>				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Client (Remote)	Bell	VIP6102W	-
2	Notebook (Remote)	DELL	E5530	DOC

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

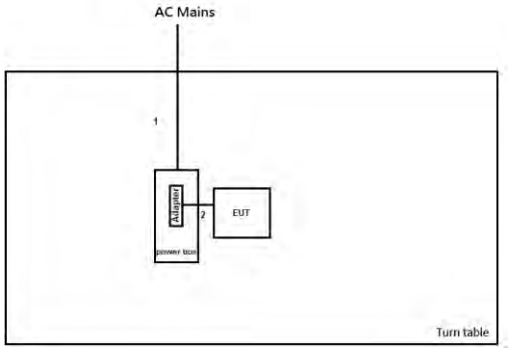
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.74	-
2	AC power line	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8	-
2	DC power line	No	1.74	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

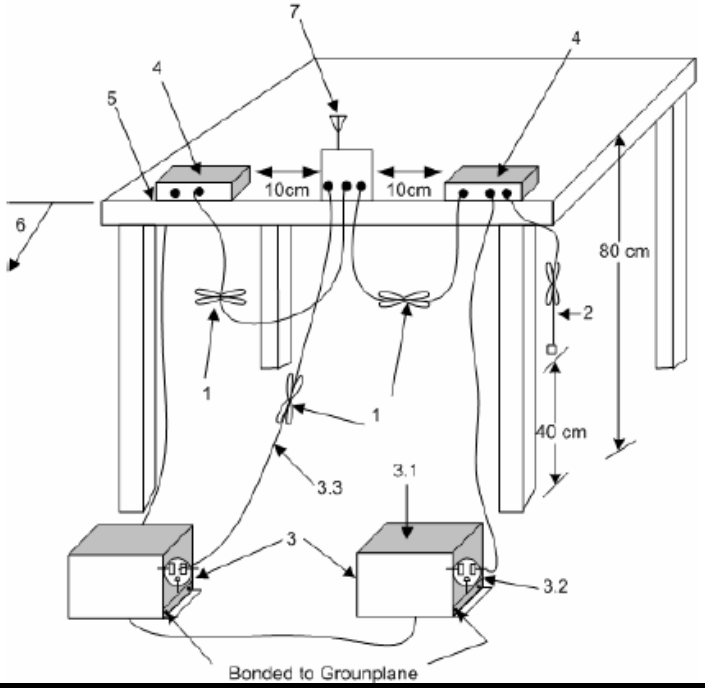
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, 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.

3.2.2 Measuring Instruments

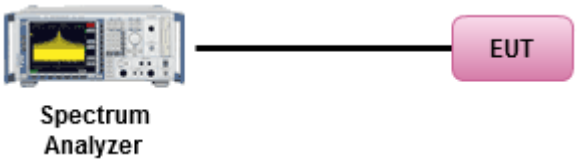
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

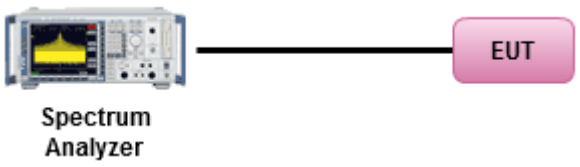
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

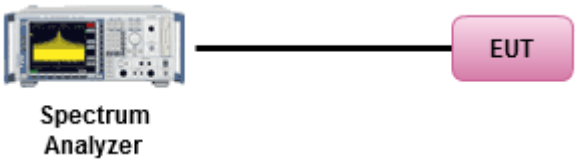
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

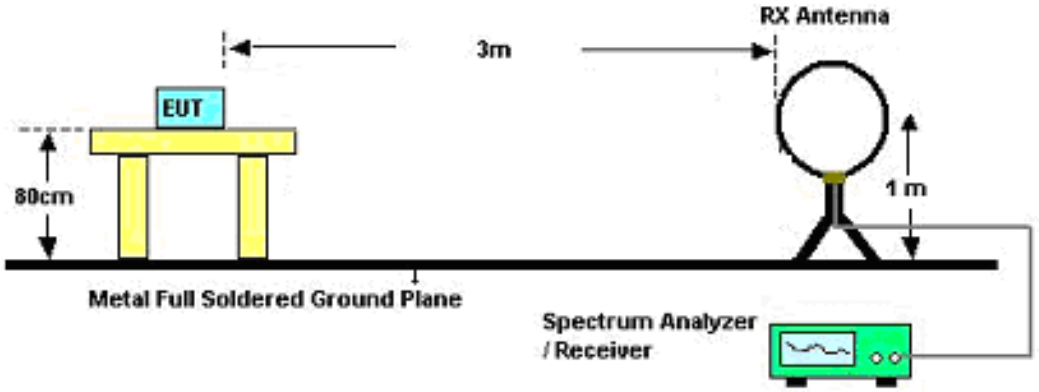
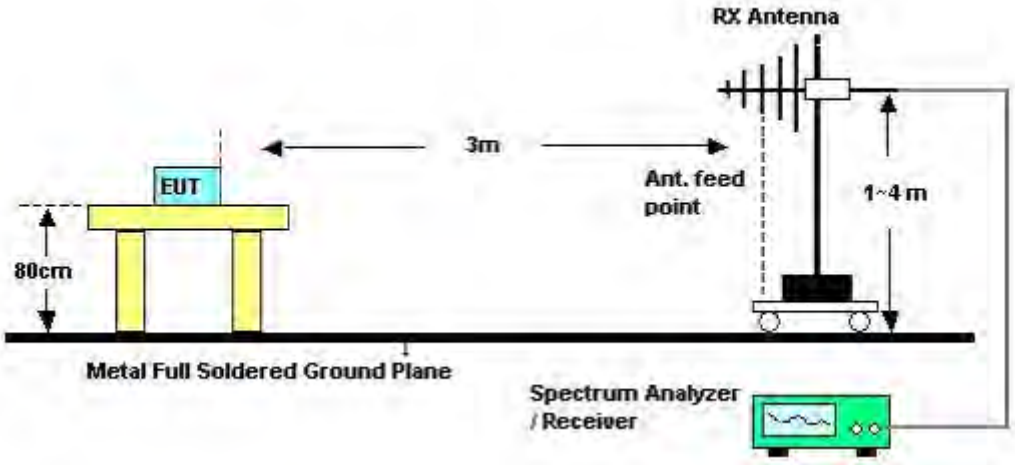
3.5.2 Measuring Instruments

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

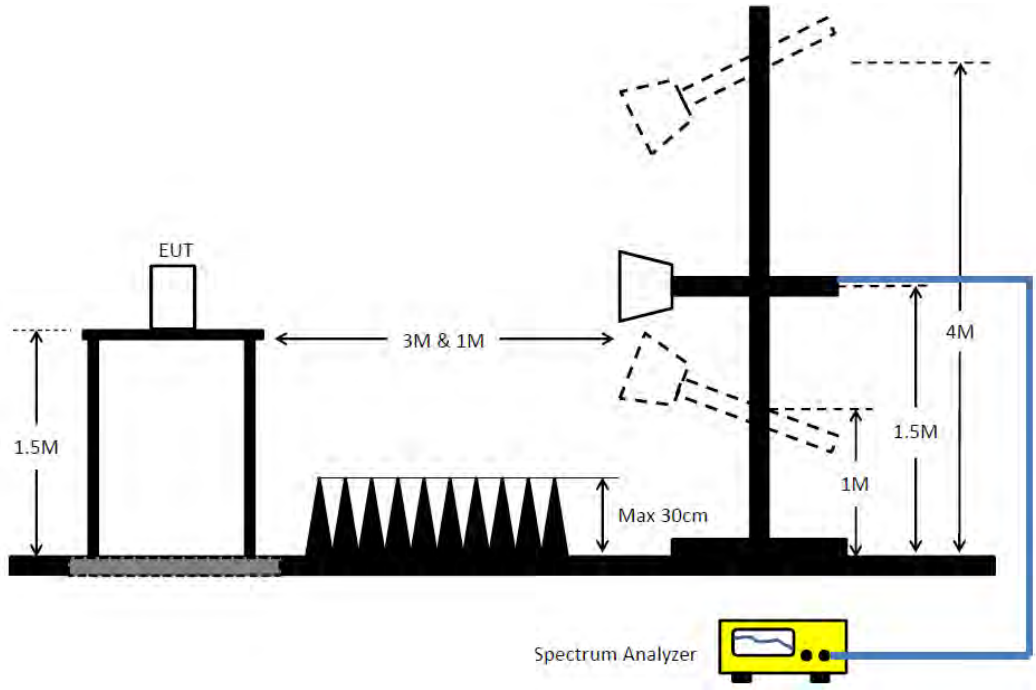
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESCS30	838251/003	9KHz ~ 2.75GHz	13/Jun/2017	12/Jun/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/2018

NCR : Non-Calibration Require

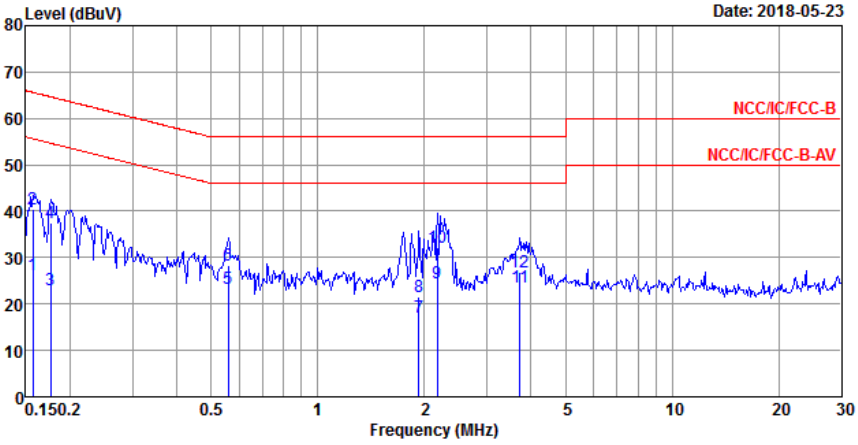
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/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
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	20/Jun/2017	19/Jun/2018
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	28/Sep/2017	27/Sep/2018
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	29Jun/2017	28/Jun/2018
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18GHz~40GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9kHz ~ 1GHz	1/Feb/2018	31/Jan/2019
RF Cable-high	HUBER+SUHNER	SUCOFLEX104	SN 556626/4 + 556627	1GHz ~ 40GHz	14/Mar/2018	13/Mar/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	02/Feb/2018	01/Feb/2019

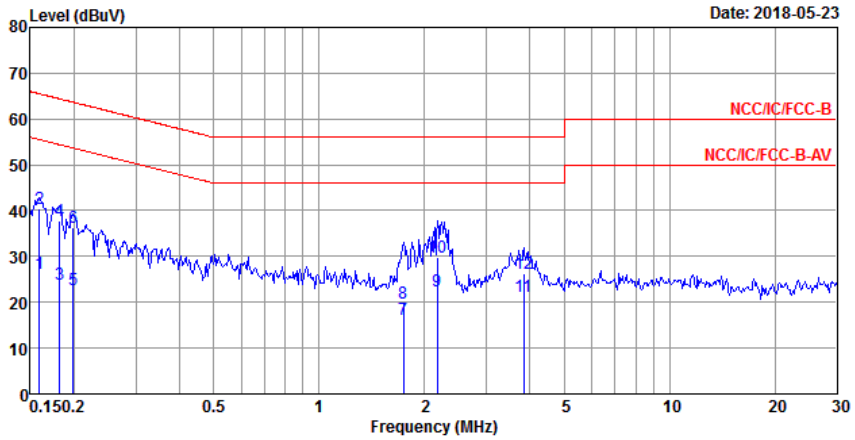
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode; Non-Beamforming		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	26.21	-29.39	55.60	16.54	9.63	0.04	Average
2	0.16	40.41	-25.19	65.60	30.74	9.63	0.04	QP
3	0.18	23.13	-31.55	54.68	13.49	9.62	0.02	Average
4	0.18	37.53	-27.15	64.68	27.89	9.62	0.02	QP
5	0.56	23.39	-22.61	46.00	13.72	9.61	0.06	Average
6	0.56	28.47	-27.53	56.00	18.80	9.61	0.06	QP
7	1.93	17.02	-28.98	46.00	7.39	9.63	0.00	Average
8	1.93	21.57	-34.43	56.00	11.94	9.63	0.00	QP
9 MAX	2.18	24.43	-21.57	46.00	14.79	9.63	0.01	Average
10	2.18	32.11	-23.89	56.00	22.47	9.63	0.01	QP
11	3.72	23.57	-22.43	46.00	13.85	9.64	0.08	Average
12	3.72	26.87	-29.13	56.00	17.15	9.64	0.08	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

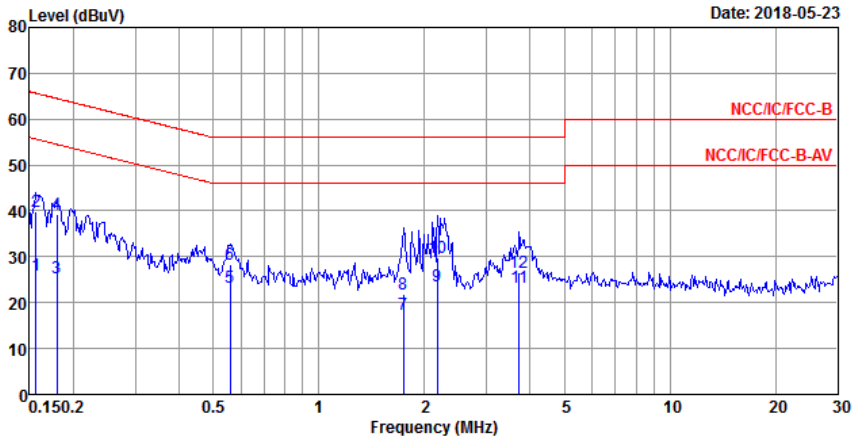
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter mode; Non-Beamforming		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.16	26.27	-29.25	55.52	16.62	9.62	0.03	Average
2		0.16	40.56	-24.96	65.52	30.91	9.62	0.03	QP
3		0.18	23.78	-30.64	54.42	14.15	9.62	0.01	Average
4		0.18	37.73	-26.69	64.42	28.10	9.62	0.01	QP
5		0.20	22.73	-30.94	53.67	13.11	9.62	0.00	Average
6		0.20	36.30	-27.37	63.67	26.68	9.62	0.00	QP
7		1.74	16.31	-29.69	46.00	6.69	9.62	0.00	Average
8		1.74	19.79	-36.21	56.00	10.17	9.62	0.00	QP
9	MAX	2.18	22.47	-23.53	46.00	12.84	9.62	0.01	Average
10		2.18	29.67	-26.33	56.00	20.04	9.62	0.01	QP
11		3.84	21.27	-24.73	46.00	11.56	9.63	0.08	Average
12		3.84	26.25	-29.75	56.00	16.54	9.63	0.08	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

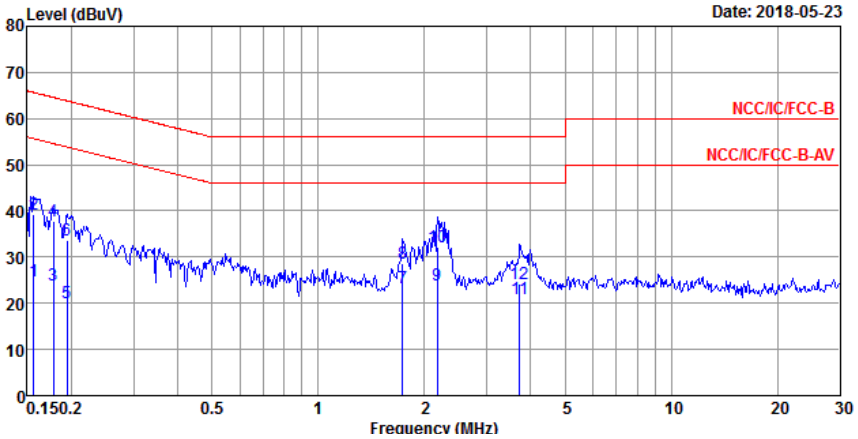
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Adapter mode; Beamforming		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	25.95	-29.70	55.65	16.28	9.63	0.04	Average
2	0.16	39.87	-25.78	65.65	30.20	9.63	0.04	QP
3	0.18	25.31	-29.19	54.50	15.67	9.62	0.02	Average
4	0.18	39.33	-25.17	64.50	29.69	9.62	0.02	QP
5	0.56	23.20	-22.80	46.00	13.53	9.61	0.06	Average
6	0.56	28.46	-27.54	56.00	18.79	9.61	0.06	QP
7	1.74	17.51	-28.49	46.00	7.88	9.63	0.00	Average
8	1.74	21.85	-34.15	56.00	12.22	9.63	0.00	QP
9 MAX	2.18	23.64	-22.36	46.00	14.00	9.63	0.01	Average
10	2.18	29.85	-26.15	56.00	20.21	9.63	0.01	QP
11	3.72	23.26	-22.74	46.00	13.54	9.64	0.08	Average
12	3.72	26.55	-29.45	56.00	16.83	9.64	0.08	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Adapter mode; Beamforming		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	24.73	-30.92	55.65	15.07	9.62	0.04	Average
2	0.16	39.14	-26.51	65.65	29.48	9.62	0.04	QP
3	0.18	23.90	-30.69	54.59	14.26	9.62	0.02	Average
4	0.18	37.86	-26.73	64.59	28.22	9.62	0.02	QP
5	0.19	20.20	-33.64	53.84	10.58	9.62	0.00	Average
6	0.19	33.53	-30.31	63.84	23.91	9.62	0.00	QP
7	1.73	23.34	-22.66	46.00	13.72	9.62	0.00	Average
8	1.73	28.58	-27.42	56.00	18.96	9.62	0.00	QP
9 MAX	2.18	23.78	-22.22	46.00	14.15	9.62	0.01	Average
10	2.18	32.06	-23.94	56.00	22.43	9.62	0.01	QP
11	3.72	20.96	-25.04	46.00	11.25	9.63	0.08	Average
12	3.72	24.31	-31.69	56.00	14.60	9.63	0.08	QP

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	36.975M	16.967M	17M0D1D	21.725M	16.667M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.95M	17.816M	17M8D1D	21.525M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.45M	36.332M	36M3D1D	39.65M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.8M	75.862M	75M9D1D	81.3M	75.662M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	37.65M	17.141M	17M1D1D	21.75M	16.617M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.9M	17.816M	17M8D1D	21.5M	17.741M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.45M	36.332M	36M3D1D	39.75M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.1M	75.862M	75M9D1D	80.9M	75.562M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.725M	17.466M	17M5D1D	21.525M	15.037M
802.11ac VHT20_Nss1,(MCS0)_4TX	21.975M	17.816M	17M8D1D	15.66M	13.853M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.4M	36.332M	36M3D1D	34.755M	33.023M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.1M	75.862M	75M9D1D	75.675M	72.414M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	37.006M	37M0D1D	3.16M	10.575M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.6M	26.087M	26M1D1D	3.78M	4.238M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.3M	56.372M	56M4D1D	3.16M	3.498M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.7M	76.362M	76M4D1D	3.14M	3.558M

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)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	21.725M	16.667M						
5200MHz_TnomVnom	Pass	Inf	36.675M	16.817M						
5240MHz_TnomVnom	Pass	Inf	36.975M	16.967M						
5260MHz_TnomVnom	Pass	Inf	37.075M	16.942M						
5300MHz_TnomVnom	Pass	Inf	37.65M	17.141M						
5320MHz_TnomVnom	Pass	Inf	21.75M	16.617M						
5500MHz_TnomVnom	Pass	Inf	21.575M	16.592M						
5580MHz_TnomVnom	Pass	Inf	39.725M	17.466M						
5700MHz_TnomVnom	Pass	Inf	21.525M	16.592M						
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	24.99M	15.037M						
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	10.575M						
5745MHz_TnomVnom	Pass	500k	16.275M	36.707M						
5785MHz_TnomVnom	Pass	500k	16.05M	37.006M						
5825MHz_TnomVnom	Pass	500k	16.35M	36.557M						
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	21.825M	17.816M	21.55M	17.766M	21.675M	17.791M	21.625M	17.766M
5200MHz_TnomVnom	Pass	Inf	21.85M	17.741M	21.725M	17.716M	21.825M	17.766M	21.775M	17.766M
5240MHz_TnomVnom	Pass	Inf	21.95M	17.741M	21.6M	17.741M	21.775M	17.716M	21.525M	17.791M
5260MHz_TnomVnom	Pass	Inf	21.8M	17.816M	21.55M	17.791M	21.5M	17.741M	21.675M	17.741M
5300MHz_TnomVnom	Pass	Inf	21.9M	17.741M	21.625M	17.766M	21.575M	17.741M	21.5M	17.791M
5320MHz_TnomVnom	Pass	Inf	21.75M	17.791M	21.75M	17.766M	21.85M	17.741M	21.6M	17.766M
5500MHz_TnomVnom	Pass	Inf	21.875M	17.816M	21.625M	17.741M	21.525M	17.741M	21.625M	17.766M
5580MHz_TnomVnom	Pass	Inf	21.975M	17.766M	21.525M	17.766M	21.775M	17.741M	21.65M	17.741M
5700MHz_TnomVnom	Pass	Inf	21.8M	17.741M	21.7M	17.766M	21.825M	17.766M	21.525M	17.766M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.99M	13.868M	15.66M	13.883M	15.75M	13.868M	15.705M	13.853M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.8M	4.278M	3.78M	4.318M	3.8M	4.258M	3.8M	4.238M
5745MHz_TnomVnom	Pass	500k	17.525M	23.738M	17.55M	20.09M	17.525M	21.364M	17.55M	25.862M
5785MHz_TnomVnom	Pass	500k	17.525M	24.038M	17.6M	20.865M	17.55M	20.99M	17.525M	25.612M
5825MHz_TnomVnom	Pass	500k	17.525M	24.288M	17.55M	20.69M	17.525M	20.415M	16.9M	26.087M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	40.45M	36.232M	39.65M	36.332M	39.75M	36.282M	39.85M	36.332M
5230MHz_TnomVnom	Pass	Inf	40.25M	36.282M	39.95M	36.282M	39.7M	36.232M	39.95M	36.232M
5270MHz_TnomVnom	Pass	Inf	40.45M	36.282M	39.8M	36.282M	40M	36.332M	39.8M	36.182M
5310MHz_TnomVnom	Pass	Inf	40.3M	36.182M	39.75M	36.232M	39.85M	36.282M	39.8M	36.182M
5510MHz_TnomVnom	Pass	Inf	40.4M	36.232M	39.7M	36.332M	39.85M	36.282M	39.85M	36.232M
5550MHz_TnomVnom	Pass	Inf	40.15M	36.282M	39.8M	36.232M	39.95M	36.282M	39.7M	36.182M
5670MHz_TnomVnom	Pass	Inf	40.4M	36.232M	39.65M	36.232M	39.8M	36.132M	39.75M	36.182M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35.28M	33.023M	34.755M	33.023M	34.86M	33.023M	34.965M	33.023M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	3.518M	3.16M	3.498M	3.16M	3.538M	3.16M	3.558M

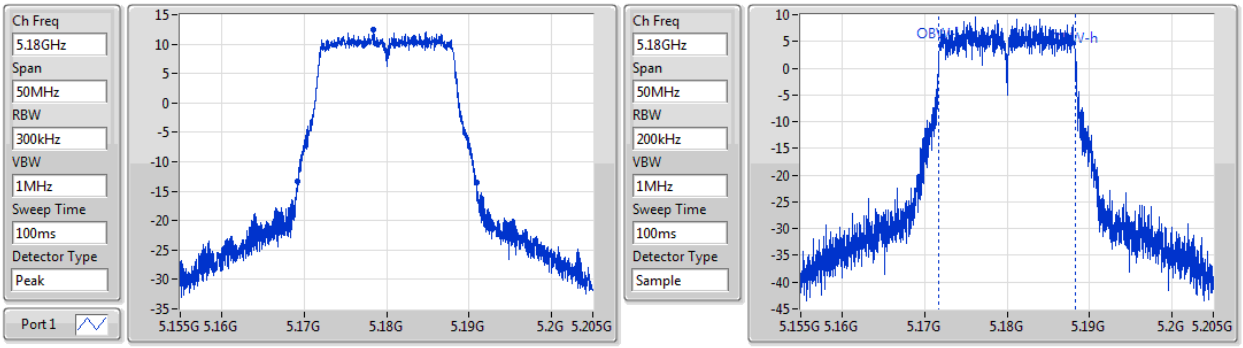
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5755MHz_TnomVnom	Pass	500k	36.25M	52.774M	36.3M	39.08M	36.3M	43.928M	36.3M	56.372M
5795MHz_TnomVnom	Pass	500k	36.05M	51.374M	36.3M	39.48M	36.05M	38.081M	35.65M	54.223M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	81.8M	75.762M	81.6M	75.862M	81.4M	75.662M	81.3M	75.662M
5290MHz_TnomVnom	Pass	Inf	82.1M	75.662M	81.9M	75.562M	81.4M	75.662M	80.9M	75.862M
5530MHz_TnomVnom	Pass	Inf	82M	75.662M	81.7M	75.762M	81.6M	75.862M	81.9M	75.862M
5610MHz_TnomVnom	Pass	Inf	82.1M	75.662M	81.6M	75.862M	81.4M	75.762M	80.9M	75.662M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	75.975M	72.414M	75.825M	72.489M	75.675M	72.414M	75.75M	72.414M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	3.698M	3.16M	3.598M	3.14M	3.618M	3.16M	3.558M
5775MHz_TnomVnom	Pass	500k	75.3M	76.262M	75.7M	75.962M	75.4M	76.062M	75.1M	76.362M

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)_1TX **EBW**

5180MHz

28/03/2018

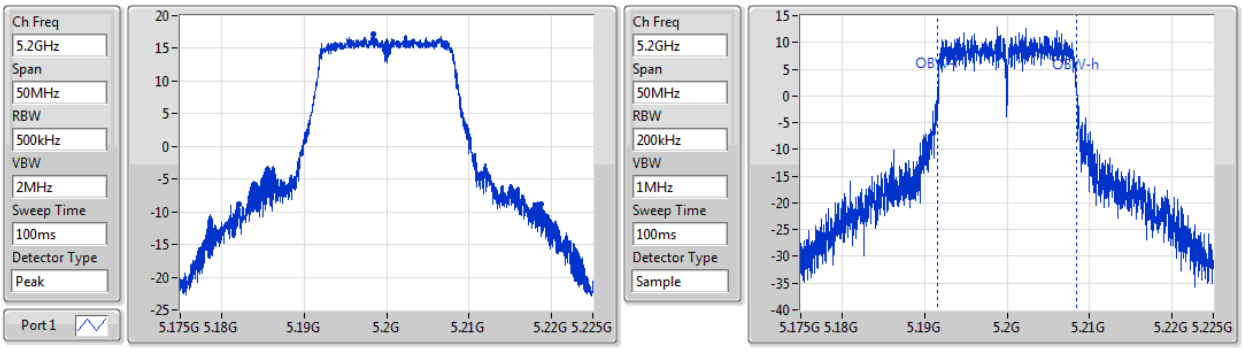


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.16915G	5.190875G	16.667M	5.171679G	5.188346G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5200MHz

28/03/2018

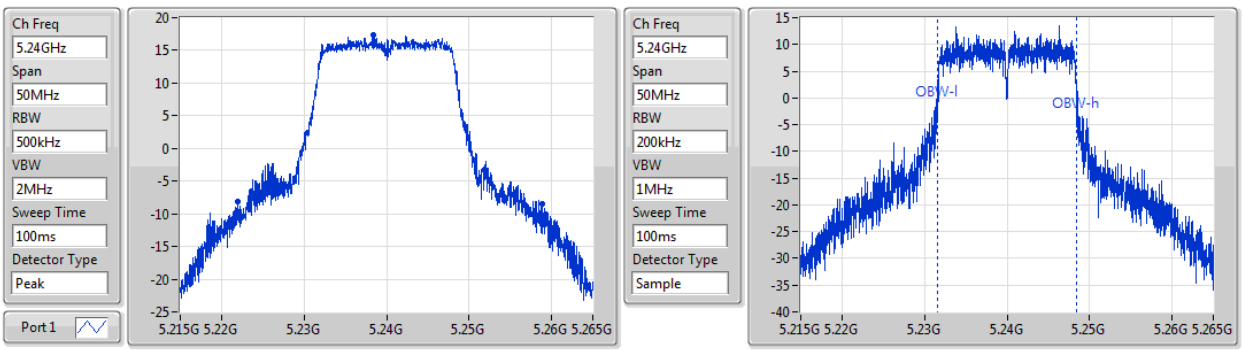


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.675M	5.18205G	5.218725G	16.817M	5.191604G	5.208421G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5240MHz

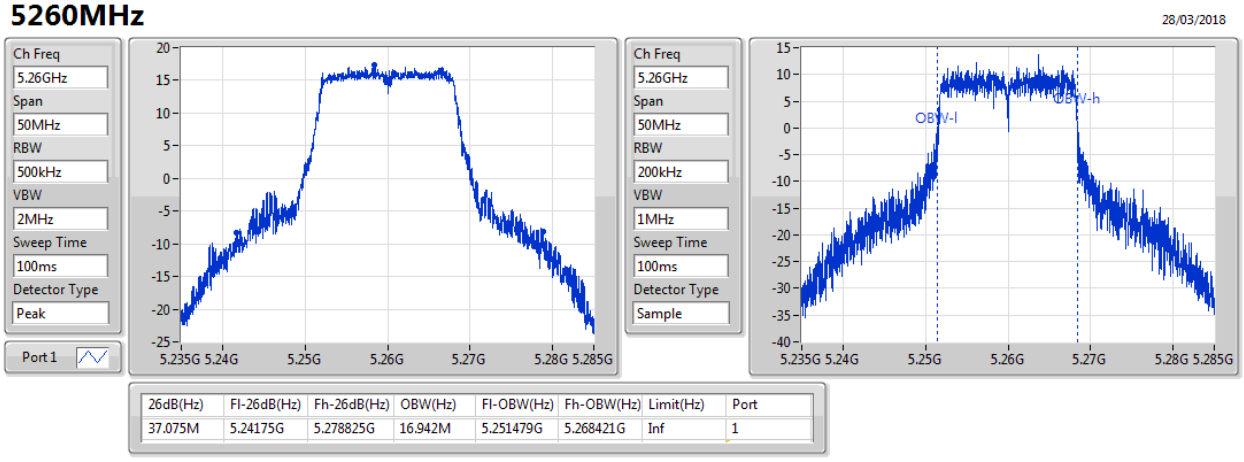
28/03/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.975M	5.2219G	5.258875G	16.967M	5.231504G	5.248471G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

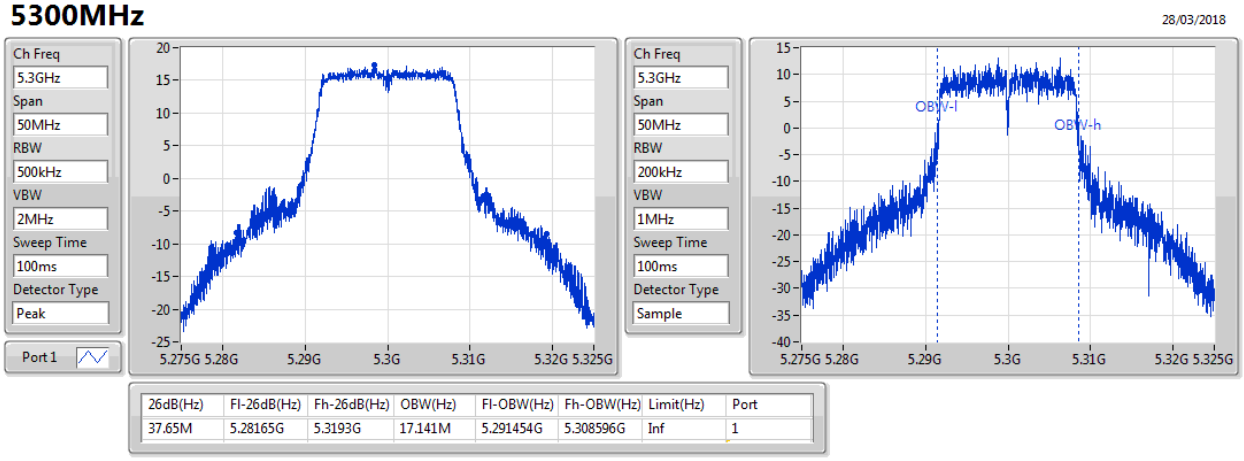
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.075M	5.24175G	5.278825G	16.942M	5.251479G	5.268421G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

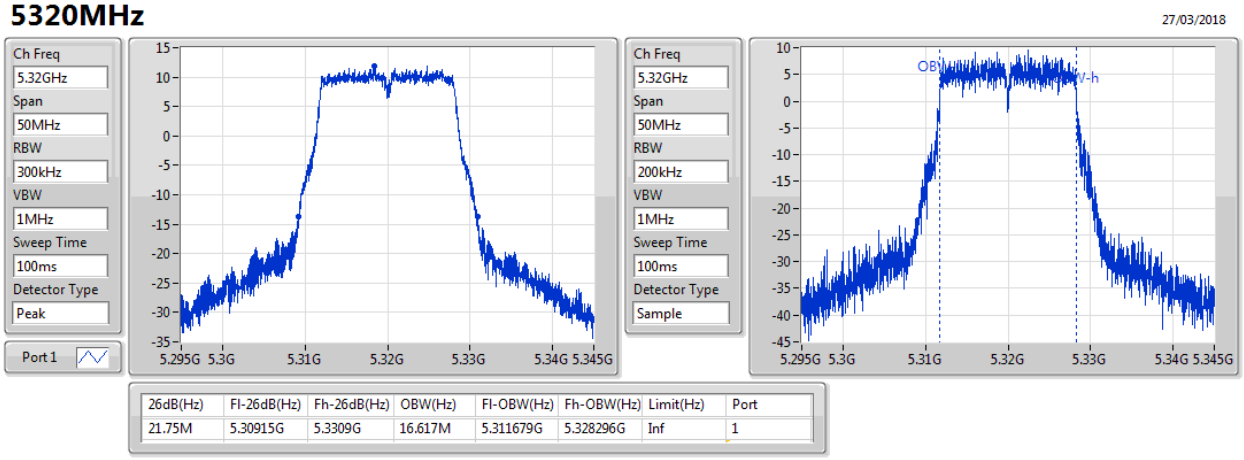
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	5.28165G	5.3193G	17.141M	5.291454G	5.308596G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

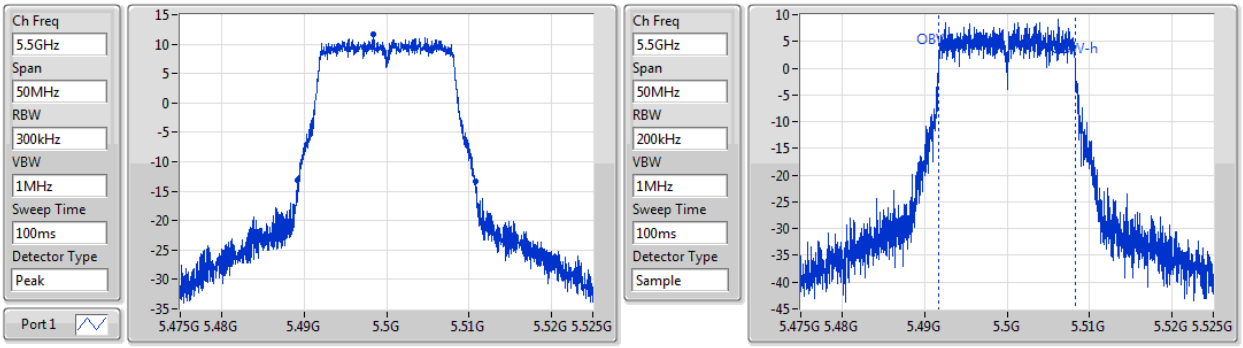


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30915G	5.3309G	16.617M	5.311679G	5.328296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

27/03/2018

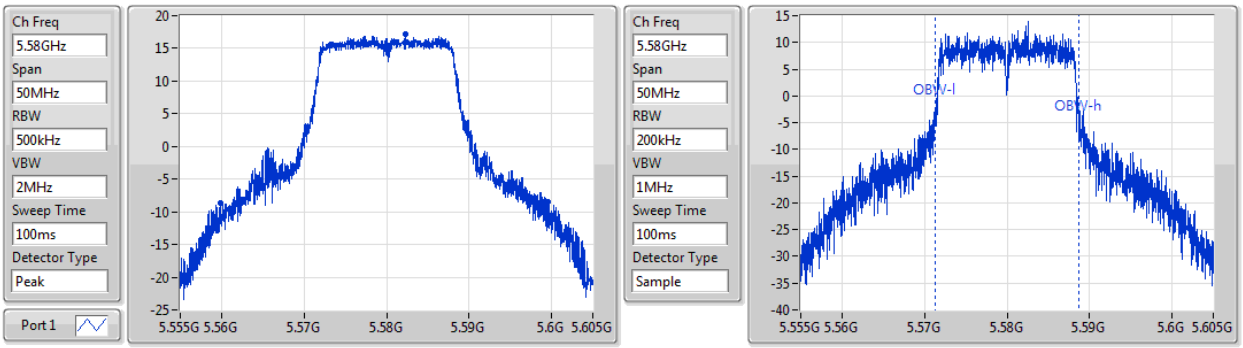


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.4892G	5.510775G	16.592M	5.491704G	5.508296G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

28/03/2018

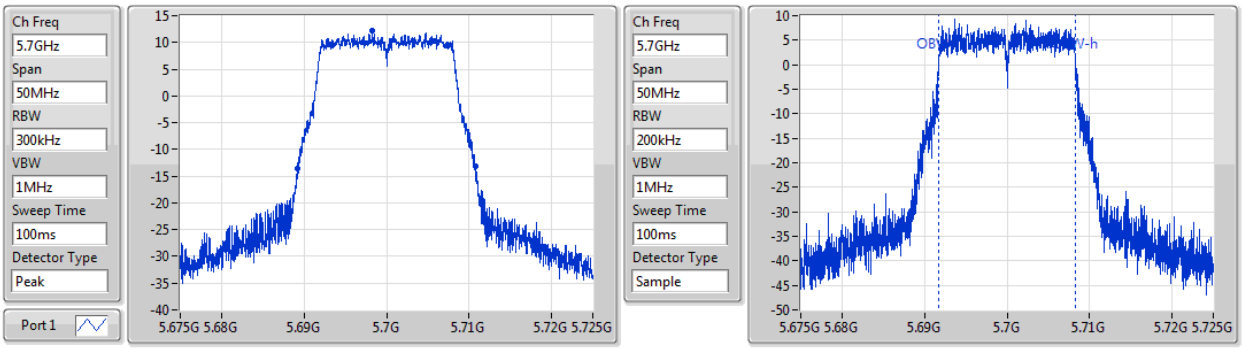


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.725M	5.559875G	5.5996G	17.466M	5.571229G	5.588696G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

30/03/2018

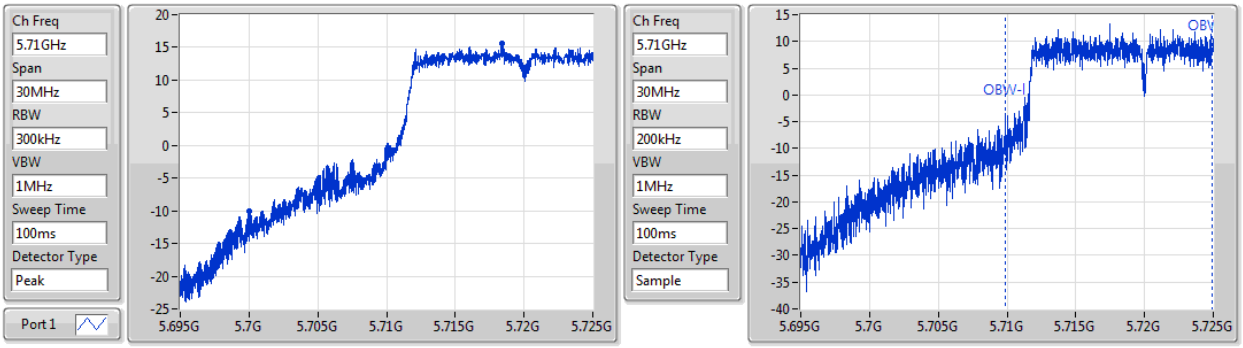


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.6892G	5.710725G	16.592M	5.691729G	5.708321G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.47-5.725GHz

28/03/2018

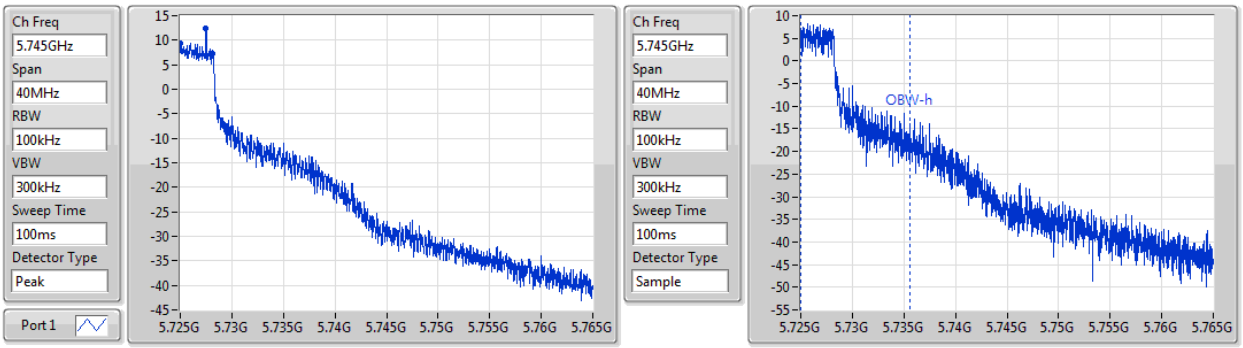


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.99M	5.70001G	5.725G	15.037M	5.70991G	5.724948G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5720MHz Straddle 5.725-5.85GHz

28/03/2018

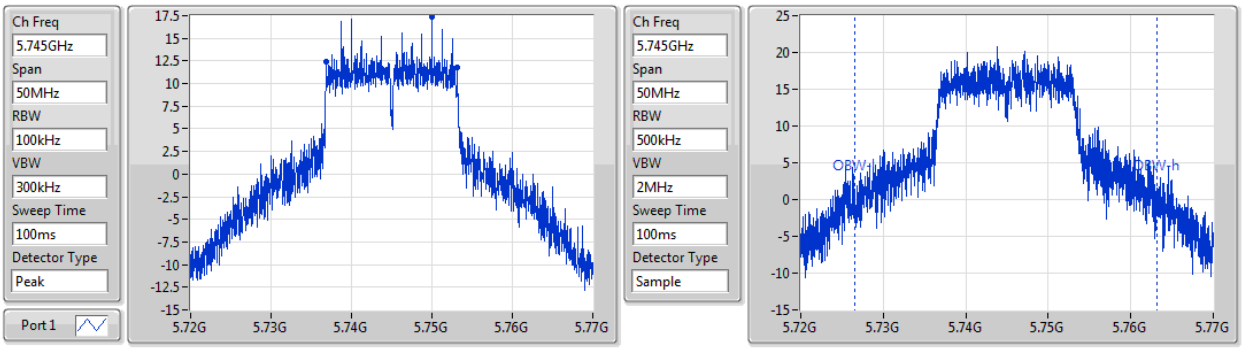


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	10.575M	5.72501G	5.735585G	500k	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

5745MHz

27/03/2018



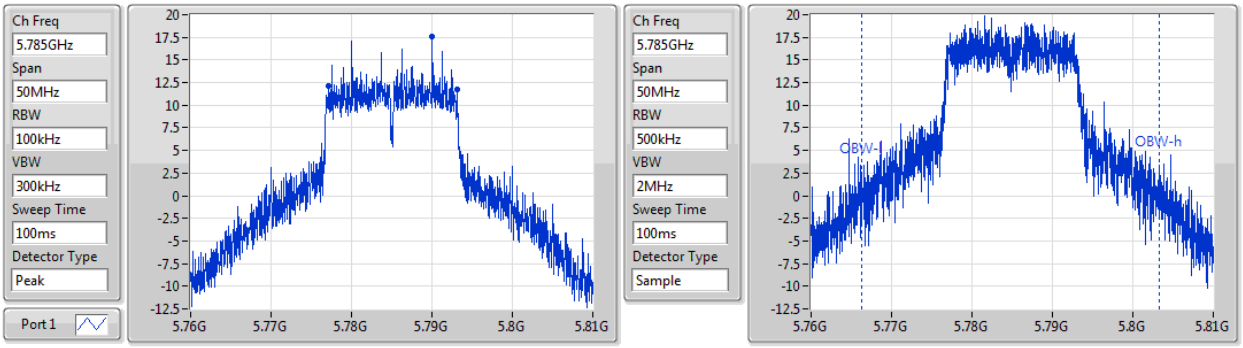
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.736875G	5.75315G	36.707M	5.726534G	5.763241G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5785MHz

27/03/2018



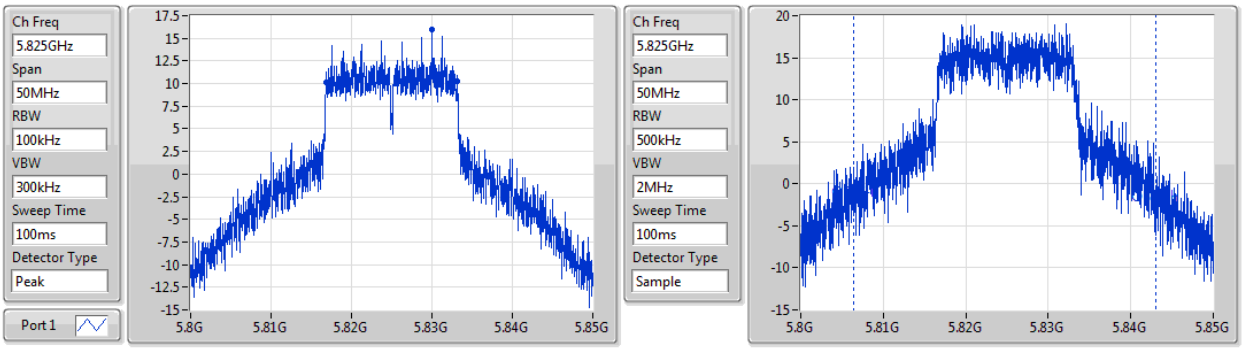
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	5.777125G	5.793175G	37.006M	5.766334G	5.803341G	500k	1

802.11a_Nss1,(6Mbps)_1TX

EBW

5825MHz

27/03/2018



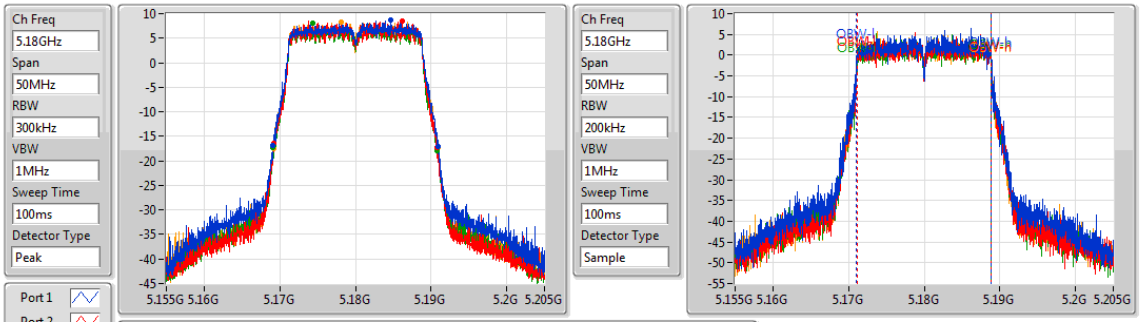
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81685G	5.8332G	36.557M	5.806459G	5.843016G	500k	1

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

27/03/2018

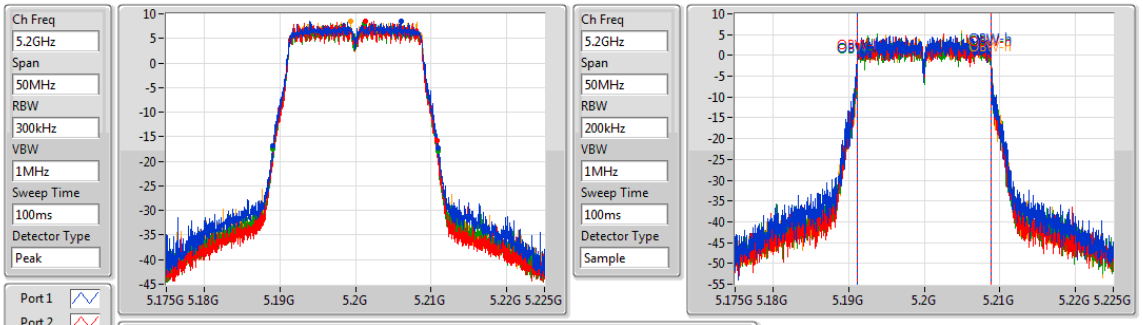


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.169125G	5.19095G	17.816M	5.171079G	5.188896G	Inf	1
21.55M	5.169225G	5.190775G	17.766M	5.171104G	5.188871G	Inf	2
21.675M	5.169125G	5.1908G	17.791M	5.171104G	5.188896G	Inf	3
21.625M	5.169275G	5.1909G	17.766M	5.171104G	5.188871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5200MHz

27/03/2018

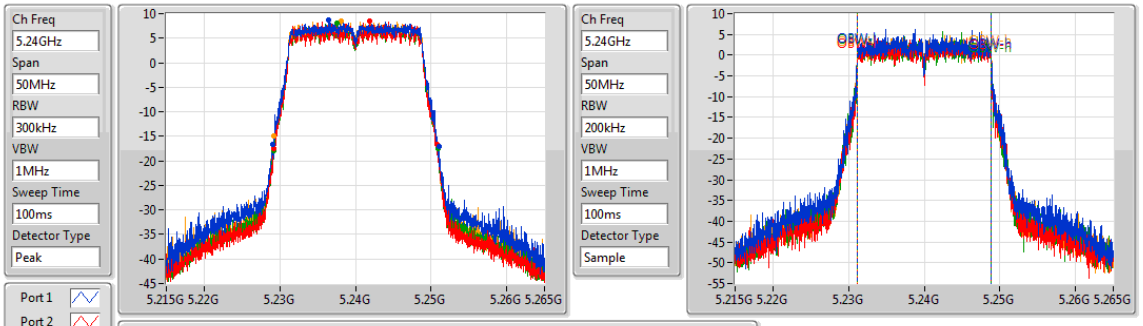


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.189075G	5.210925G	17.741M	5.191104G	5.208846G	Inf	1
21.725M	5.189075G	5.2108G	17.716M	5.191129G	5.208846G	Inf	2
21.825M	5.189075G	5.2109G	17.766M	5.191104G	5.208871G	Inf	3
21.775M	5.1891G	5.210875G	17.766M	5.191129G	5.208896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5240MHz

27/03/2018

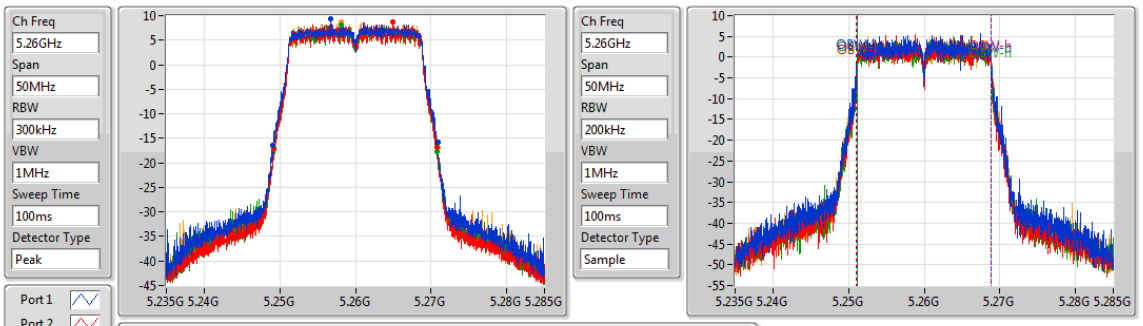


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.95M	5.229075G	5.251025G	17.741M	5.231129G	5.248871G	Inf	1
21.6M	5.229175G	5.250775G	17.741M	5.231129G	5.248871G	Inf	2
21.775M	5.229175G	5.25095G	17.716M	5.231154G	5.248871G	Inf	3
21.525M	5.22925G	5.250775G	17.791M	5.231104G	5.248896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5260MHz

27/03/2018

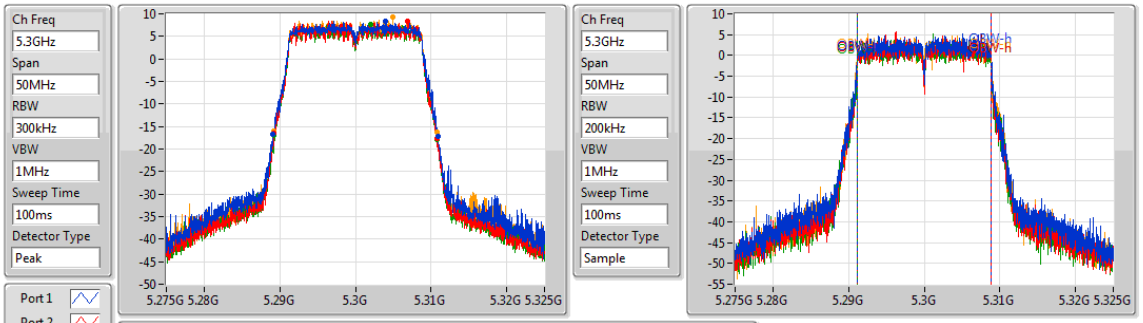


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.2491G	5.2709G	17.816M	5.251079G	5.268896G	Inf	1
21.55M	5.24925G	5.2708G	17.791M	5.251104G	5.268896G	Inf	2
21.5M	5.249275G	5.270775G	17.741M	5.251129G	5.268871G	Inf	3
21.675M	5.249225G	5.2709G	17.741M	5.251129G	5.268871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5300MHz

27/03/2018

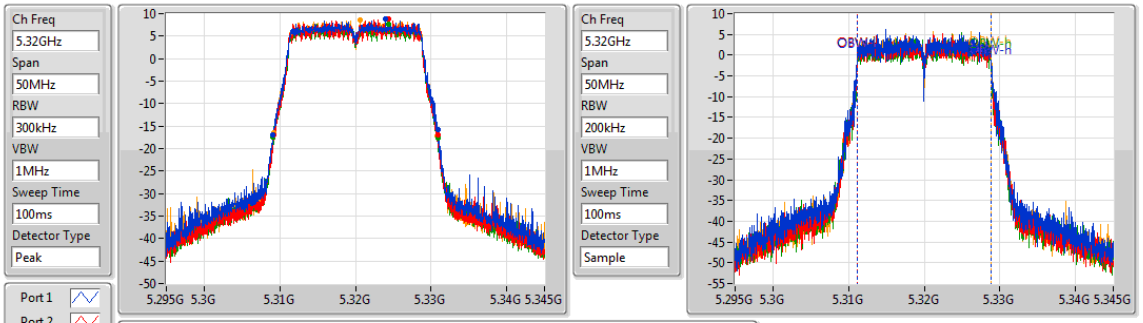


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.289075G	5.310975G	17.741M	5.291129G	5.308871G	Inf	1
21.625M	5.289225G	5.31085G	17.766M	5.291104G	5.308871G	Inf	2
21.575M	5.28925G	5.310825G	17.741M	5.291129G	5.308871G	Inf	3
21.5M	5.289275G	5.310775G	17.791M	5.291104G	5.308896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5320MHz

27/03/2018

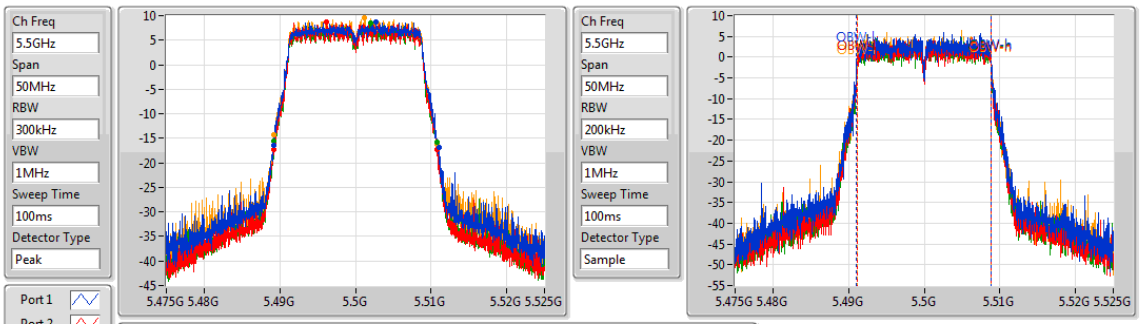


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.309125G	5.330875G	17.791M	5.311104G	5.328896G	Inf	1
21.75M	5.30915G	5.3309G	17.766M	5.311129G	5.328896G	Inf	2
21.85M	5.30905G	5.3309G	17.741M	5.311129G	5.328871G	Inf	3
21.6M	5.309175G	5.330775G	17.766M	5.311129G	5.328896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5500MHz

27/03/2018



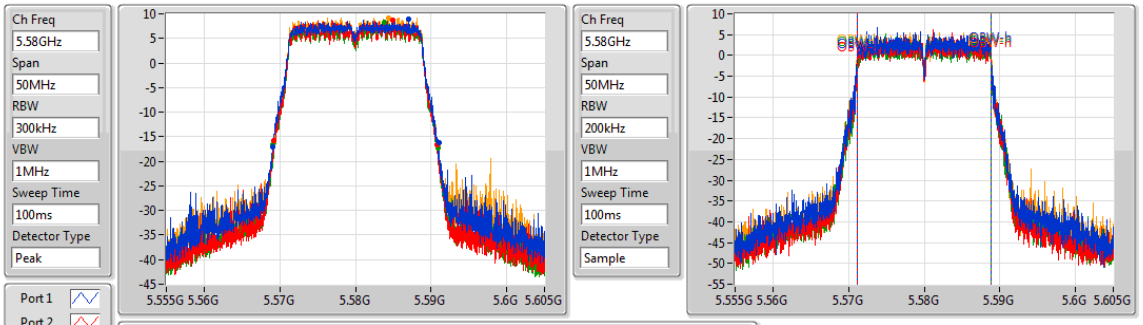
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.48915G	5.511025G	17.816M	5.491079G	5.508896G	Inf	1
21.625M	5.489225G	5.51085G	17.741M	5.491129G	5.508871G	Inf	2
21.525M	5.4892G	5.510725G	17.741M	5.491129G	5.508871G	Inf	3
21.625M	5.4892G	5.510825G	17.766M	5.491104G	5.508871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

27/03/2018



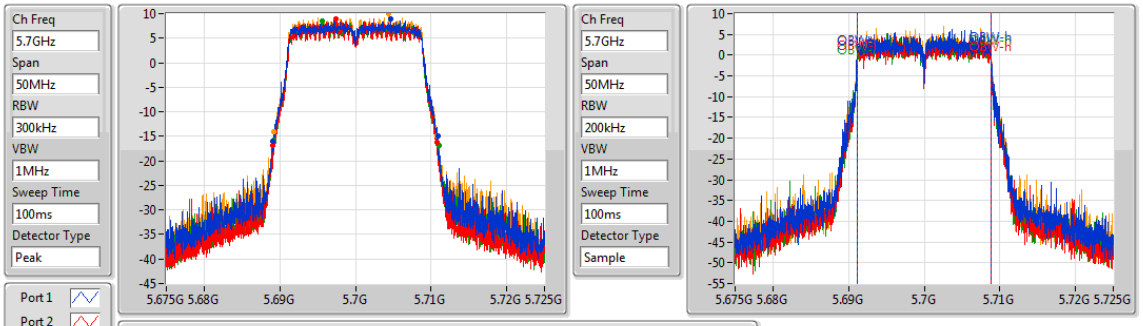
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.975M	5.56905G	5.591025G	17.766M	5.571104G	5.588871G	Inf	1
21.525M	5.569275G	5.5908G	17.766M	5.571104G	5.588871G	Inf	2
21.775M	5.569125G	5.5909G	17.741M	5.571129G	5.588871G	Inf	3
21.65M	5.569225G	5.590875G	17.741M	5.571129G	5.588871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

27/03/2018



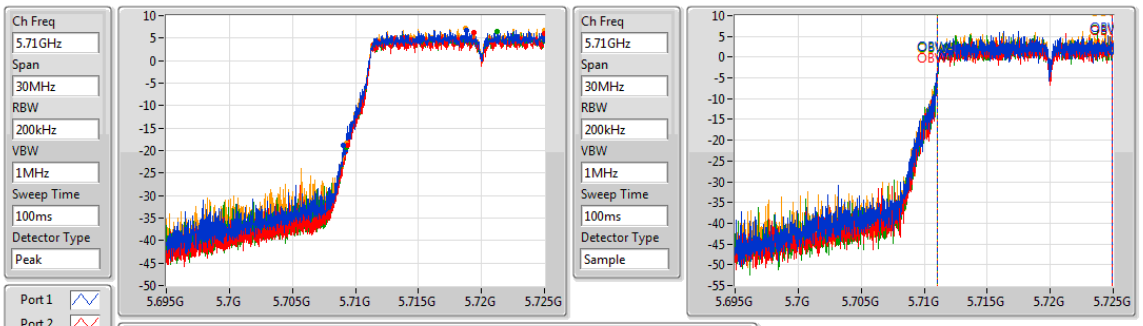
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.8M	5.6891G	5.7109G	17.741M	5.691129G	5.708871G	Inf	1
21.7M	5.689125G	5.710825G	17.766M	5.691129G	5.708896G	Inf	2
21.825M	5.6892G	5.711025G	17.766M	5.691104G	5.708871G	Inf	3
21.525M	5.689275G	5.7108G	17.766M	5.691104G	5.708871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

27/03/2018

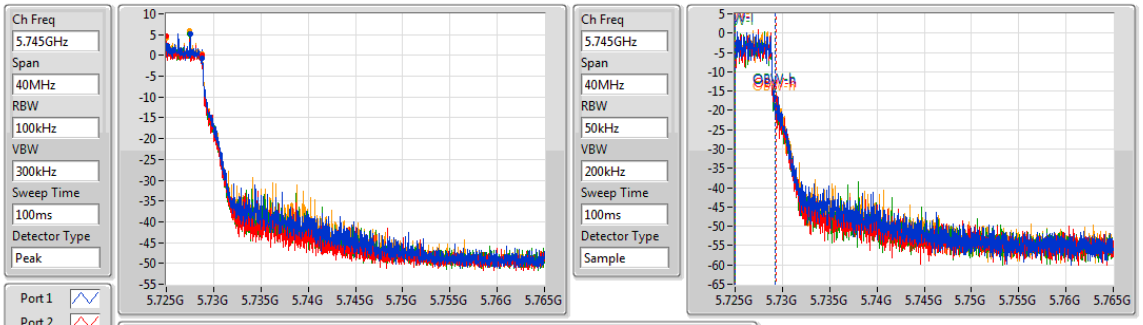


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.99M	5.70901G	5.725G	13.868M	5.711064G	5.724933G	Inf	1
15.66M	5.70934G	5.725G	13.883M	5.711049G	5.724933G	Inf	2
15.75M	5.70925G	5.725G	13.868M	5.711079G	5.724948G	Inf	3
15.705M	5.709295G	5.725G	13.853M	5.711079G	5.724933G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

27/03/2018

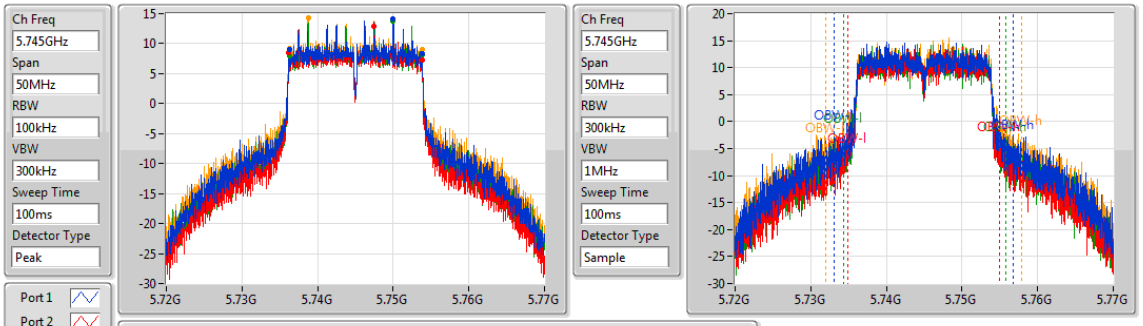


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.8M	5.725G	5.7288G	4.278M	5.72501G	5.729288G	500k	1
3.78M	5.725G	5.72878G	4.318M	5.72501G	5.729328G	500k	2
3.8M	5.725G	5.7288G	4.258M	5.72501G	5.729268G	500k	3
3.8M	5.725G	5.7288G	4.238M	5.72501G	5.729248G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5745MHz

27/03/2018

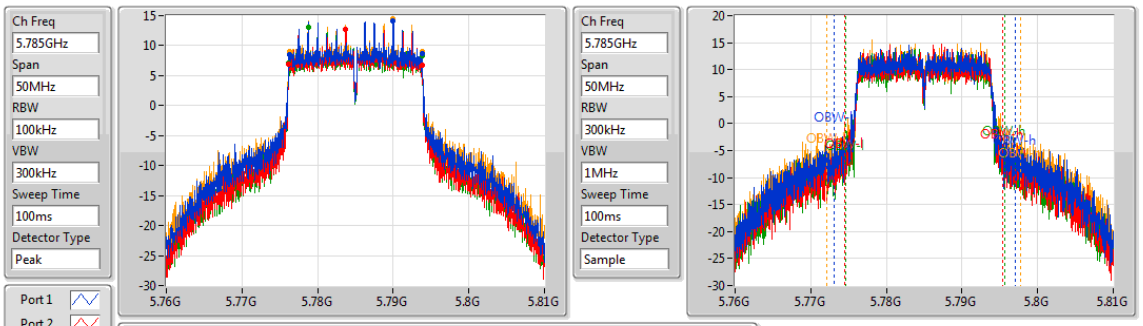


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.73625G	5.753775G	23.738M	5.733056G	5.756794G	500k	1
17.55M	5.736225G	5.753775G	20.09M	5.73493G	5.75502G	500k	2
17.525M	5.73625G	5.753775G	21.364M	5.73438G	5.755745G	500k	3
17.55M	5.73625G	5.7538G	25.862M	5.732006G	5.757869G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5785MHz

27/03/2018

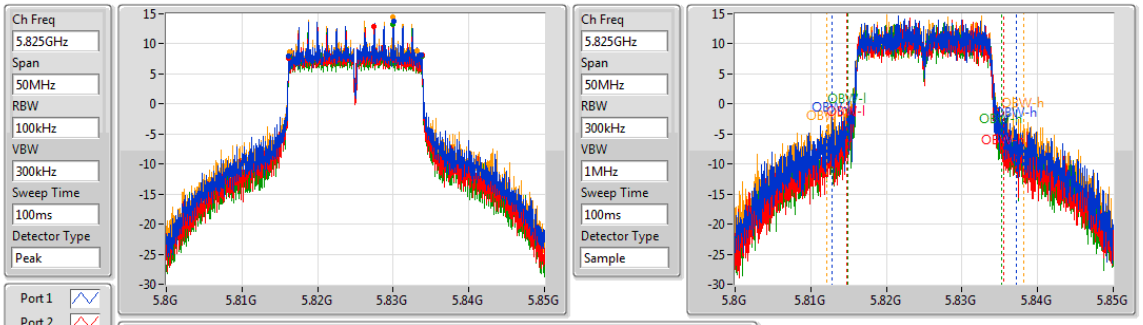


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.77625G	5.793775G	24.038M	5.773031G	5.797069G	500k	1
17.6M	5.7762G	5.7938G	20.865M	5.77453G	5.795395G	500k	2
17.55M	5.776225G	5.793775G	20.99M	5.774655G	5.795645G	500k	3
17.525M	5.77625G	5.793775G	25.612M	5.772181G	5.797794G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

5825MHz

27/03/2018

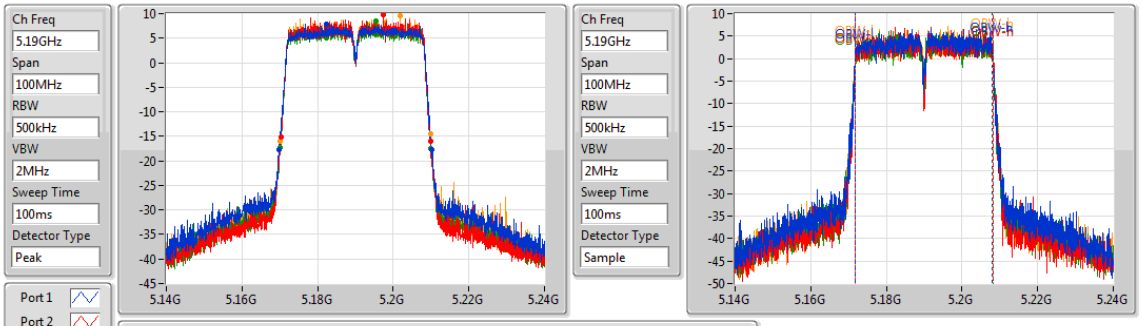


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.816225G	5.83375G	24.288M	5.812856G	5.837144G	500k	1
17.55M	5.816225G	5.833775G	20.69M	5.81478G	5.83547G	500k	2
17.525M	5.81625G	5.833775G	20.415M	5.81488G	5.835295G	500k	3
16.9M	5.81625G	5.83315G	26.087M	5.812056G	5.838143G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5190MHz

27/03/2018

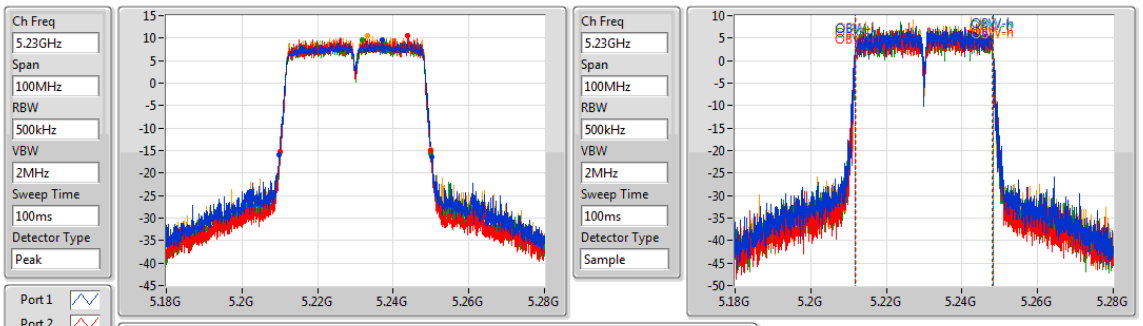


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.45M	5.1697G	5.21015G	36.232M	5.171859G	5.208091G	Inf	1
39.65M	5.17025G	5.2099G	36.332M	5.171859G	5.208191G	Inf	2
39.75M	5.17015G	5.2099G	36.282M	5.171859G	5.208141G	Inf	3
39.85M	5.1701G	5.20995G	36.332M	5.171809G	5.208141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5230MHz

27/03/2018

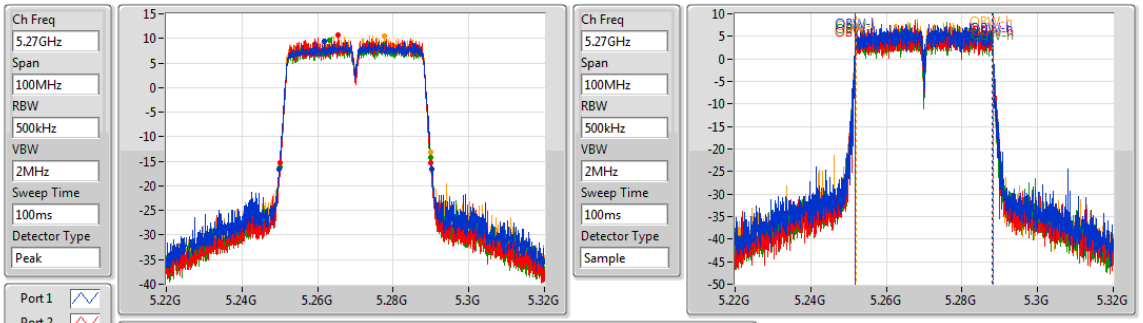


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.20985G	5.2501G	36.282M	5.211859G	5.248141G	Inf	1
39.95M	5.21005G	5.25G	36.282M	5.211859G	5.248141G	Inf	2
39.7M	5.2102G	5.2499G	36.232M	5.211859G	5.248091G	Inf	3
39.95M	5.2101G	5.25005G	36.232M	5.211909G	5.248141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5270MHz

27/03/2018

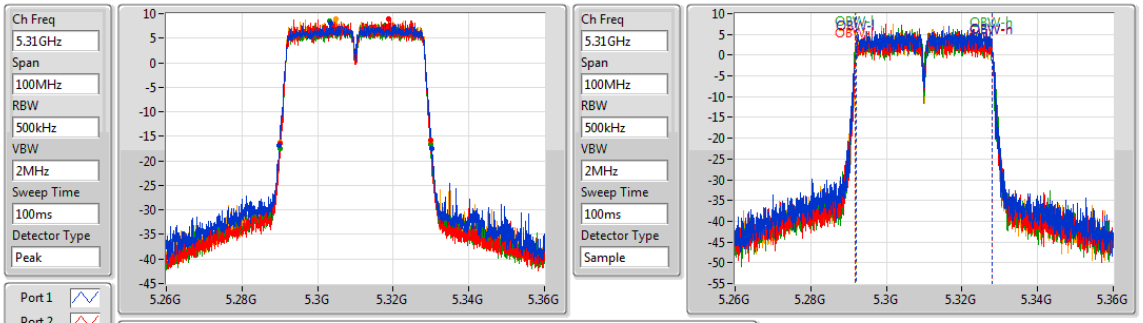


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.45M	5.24985G	5.2903G	36.282M	5.251809G	5.288091G	Inf	1
39.8M	5.2501G	5.2899G	36.282M	5.251859G	5.288141G	Inf	2
40M	5.25G	5.29G	36.332M	5.251809G	5.288141G	Inf	3
39.8M	5.2501G	5.2899G	36.182M	5.251909G	5.288091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5310MHz

27/03/2018

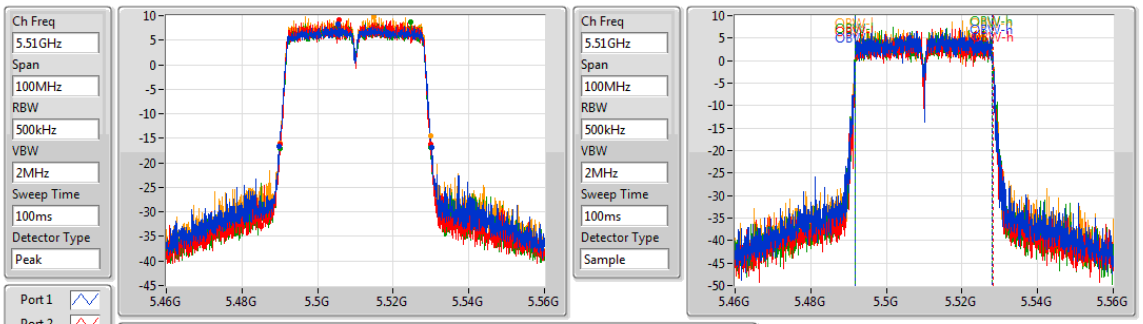


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.3M	5.2899G	5.3302G	36.182M	5.291909G	5.328091G	Inf	1
39.75M	5.2901G	5.32985G	36.232M	5.291859G	5.328091G	Inf	2
39.85M	5.29005G	5.3299G	36.282M	5.291809G	5.328091G	Inf	3
39.8M	5.29015G	5.32995G	36.182M	5.291909G	5.328091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5510MHz

27/03/2018



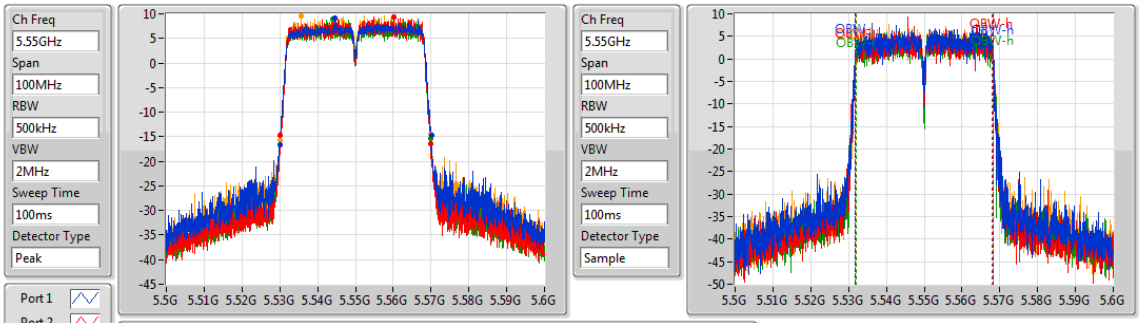
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.4898G	5.5302G	36.232M	5.491859G	5.528091G	Inf	1
39.7M	5.4901G	5.5298G	36.332M	5.491809G	5.528141G	Inf	2
39.85M	5.49005G	5.5299G	36.282M	5.491809G	5.528091G	Inf	3
39.85M	5.49005G	5.5299G	36.232M	5.491859G	5.528091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

28/03/2018



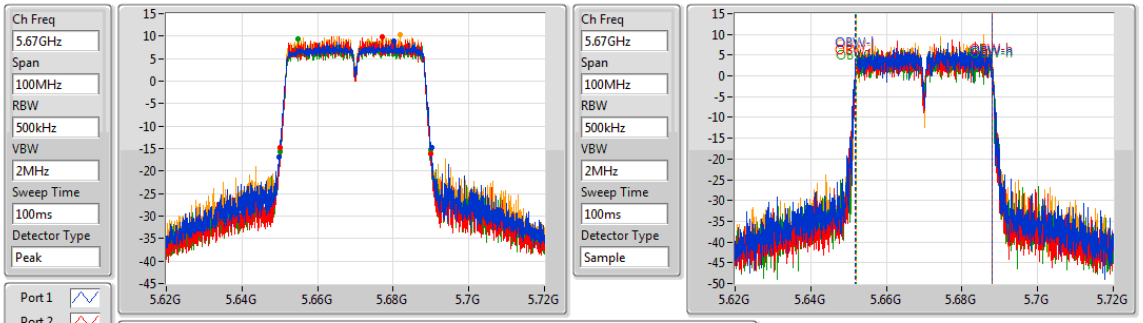
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.52995G	5.5701G	36.282M	5.531859G	5.568141G	Inf	1
39.8M	5.53015G	5.56995G	36.232M	5.531859G	5.568091G	Inf	2
39.95M	5.53005G	5.57G	36.282M	5.531909G	5.568191G	Inf	3
39.7M	5.5302G	5.5699G	36.182M	5.531909G	5.568091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

28/03/2018



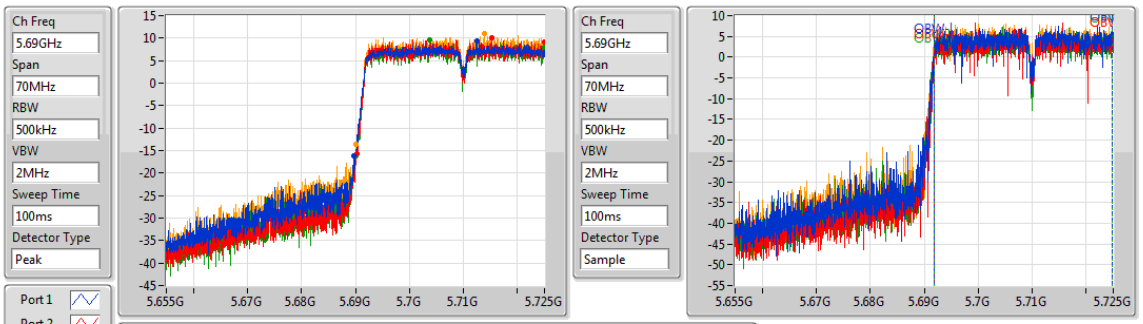
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.64975G	5.69015G	36.232M	5.651859G	5.688091G	Inf	1
39.65M	5.6502G	5.68985G	36.232M	5.651859G	5.688091G	Inf	2
39.8M	5.65015G	5.68995G	36.132M	5.651959G	5.688091G	Inf	3
39.75M	5.65015G	5.6899G	36.182M	5.651909G	5.688091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

28/03/2018

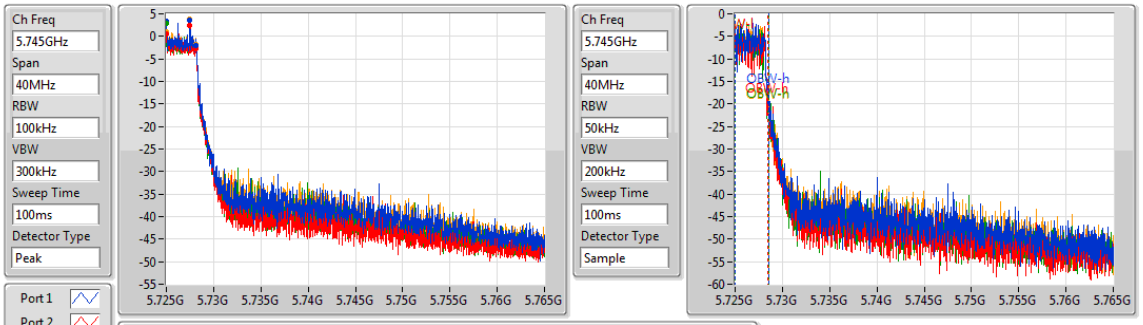


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.28M	5.68972G	5.725G	33.023M	5.691854G	5.724878G	Inf	1
34.755M	5.690245G	5.725G	33.023M	5.691819G	5.724843G	Inf	2
34.86M	5.69014G	5.725G	33.023M	5.691819G	5.724843G	Inf	3
34.965M	5.690035G	5.725G	33.023M	5.691819G	5.724843G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

28/03/2018

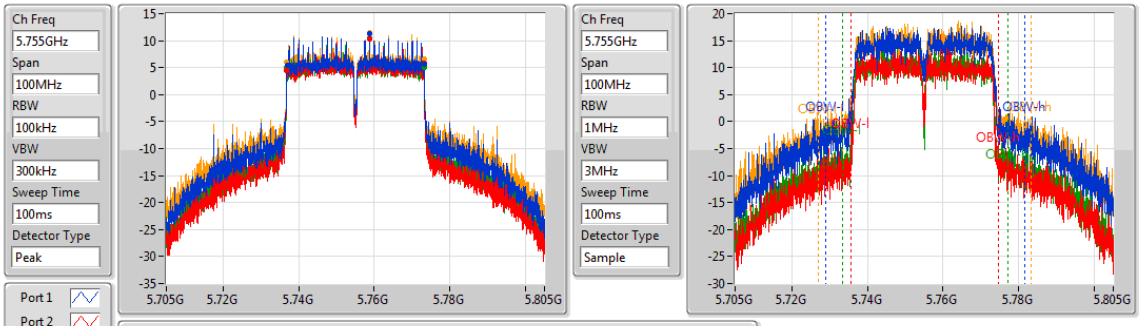


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.518M	5.72501G	5.728528G	500k	1
3.16M	5.725G	5.72816G	3.498M	5.72501G	5.728508G	500k	2
3.16M	5.725G	5.72816G	3.538M	5.72501G	5.728548G	500k	3
3.16M	5.725G	5.72816G	3.558M	5.72501G	5.728568G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5755MHz

27/03/2018

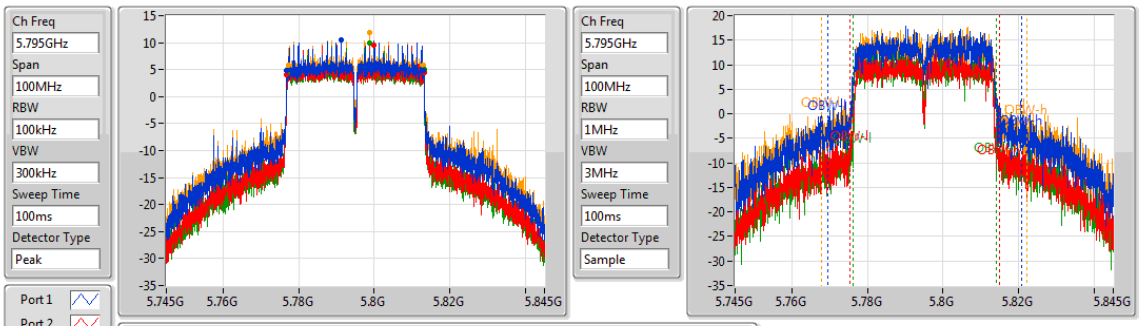


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	5.7369G	5.77315G	52.774M	5.728863G	5.781637G	500k	1
36.3M	5.73685G	5.77315G	39.08M	5.73566G	5.77474G	500k	2
36.3M	5.73685G	5.77315G	43.928M	5.733311G	5.777239G	500k	3
36.3M	5.73685G	5.77315G	56.372M	5.726964G	5.783336G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5795MHz

27/03/2018

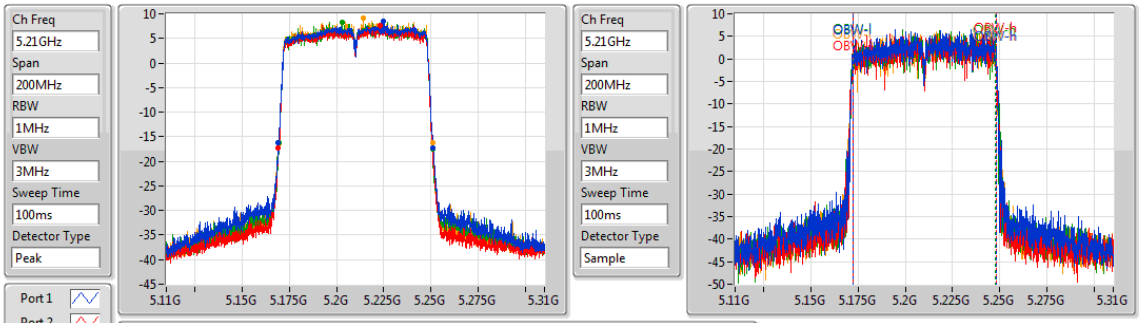


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	5.77685G	5.8129G	51.374M	5.769413G	5.820787G	500k	1
36.3M	5.77685G	5.81315G	39.48M	5.77536G	5.81484G	500k	2
36.05M	5.7771G	5.81315G	38.081M	5.776109G	5.81419G	500k	3
35.65M	5.77725G	5.8129G	54.223M	5.767914G	5.822136G	500k	4

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

5210MHz

27/03/2018

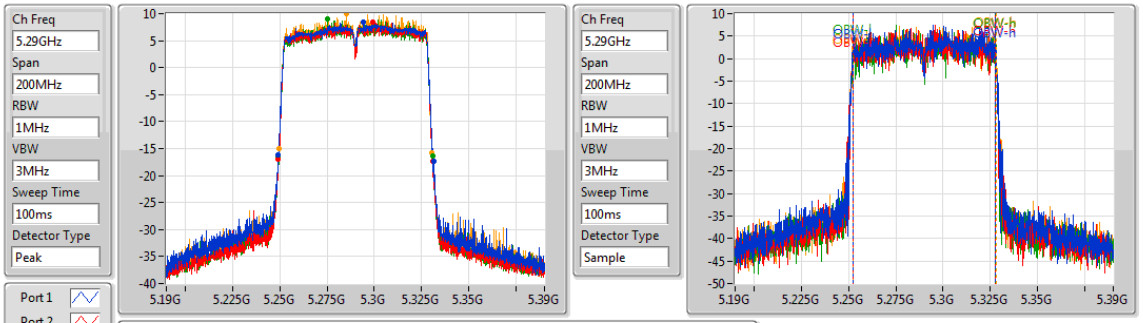


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.1693G	5.2511G	75.762M	5.172219G	5.247981G	Inf	1
81.6M	5.1693G	5.2509G	75.862M	5.172119G	5.247981G	Inf	2
81.4M	5.1696G	5.251G	75.662M	5.172219G	5.247881G	Inf	3
81.3M	5.1695G	5.2508G	75.662M	5.172219G	5.247881G	Inf	4

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

5290MHz

27/03/2018

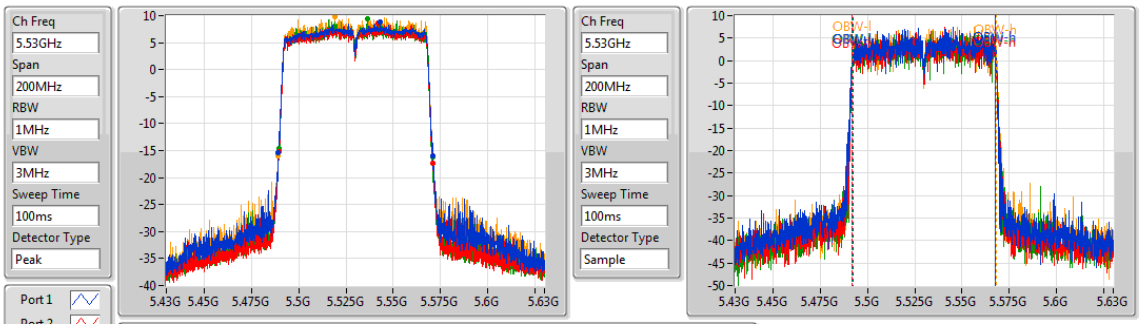


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.2492G	5.3313G	75.662M	5.252219G	5.327881G	Inf	1
81.9M	5.2492G	5.3311G	75.562M	5.252219G	5.327781G	Inf	2
81.4M	5.2493G	5.3307G	75.662M	5.252219G	5.327881G	Inf	3
80.9M	5.2496G	5.3305G	75.862M	5.252119G	5.327981G	Inf	4

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

5530MHz

27/03/2018



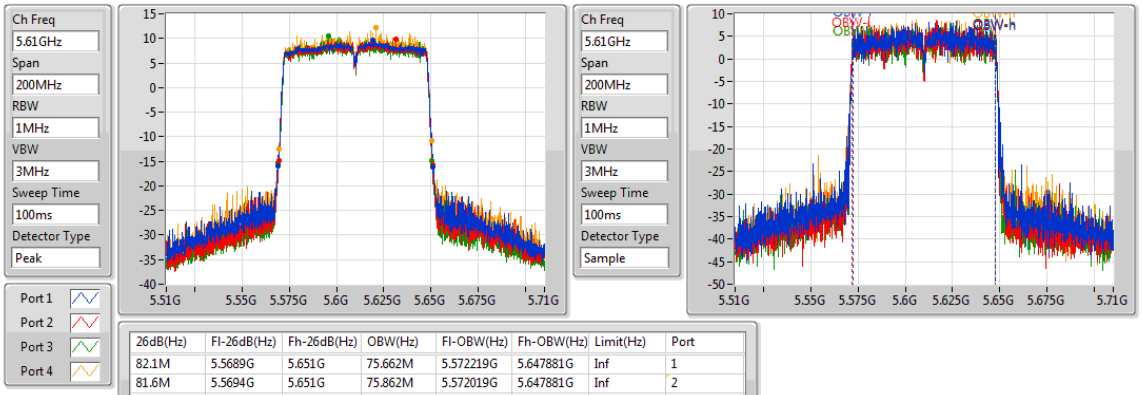
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.4891G	5.5711G	75.662M	5.492219G	5.567881G	Inf	1
81.7M	5.4894G	5.5711G	75.762M	5.492019G	5.567781G	Inf	2
81.6M	5.4894G	5.571G	75.862M	5.492019G	5.567881G	Inf	3
81.9M	5.4891G	5.571G	75.862M	5.492119G	5.567981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

27/03/2018



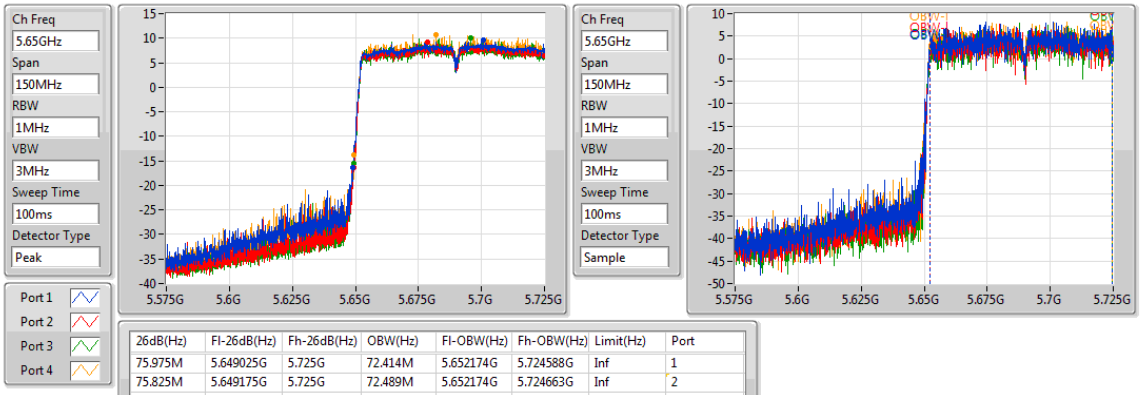
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.5689G	5.651G	75.662M	5.572219G	5.647881G	Inf	1
81.6M	5.5694G	5.651G	75.862M	5.572019G	5.647881G	Inf	2
81.4M	5.5692G	5.6506G	75.762M	5.572119G	5.647881G	Inf	3
80.9M	5.5696G	5.6505G	75.662M	5.572219G	5.647881G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

27/03/2018



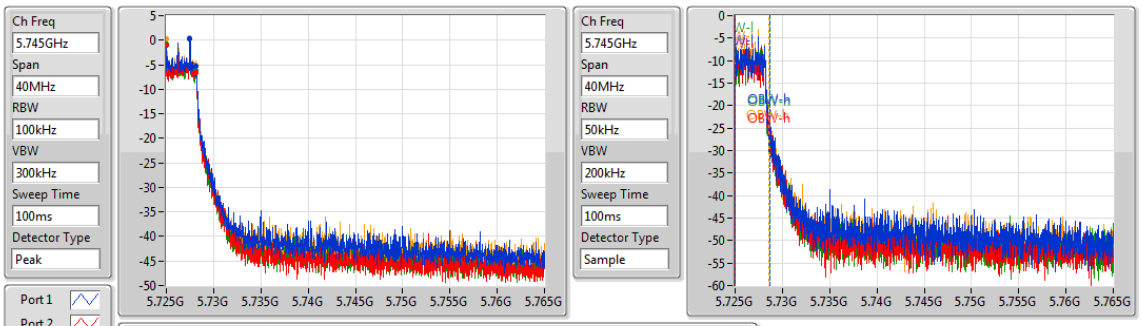
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	72.414M	5.652174G	5.724588G	Inf	1
75.825M	5.649175G	5.725G	72.489M	5.652174G	5.724663G	Inf	2
75.675M	5.649325G	5.725G	72.414M	5.652174G	5.724588G	Inf	3
75.75M	5.64925G	5.725G	72.414M	5.652174G	5.724588G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

27/03/2018

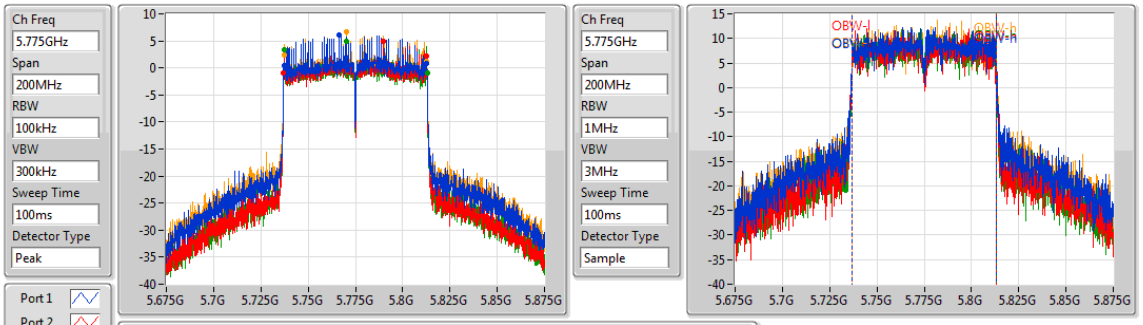


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.698M	5.72501G	5.728708G	500k	1
3.16M	5.725G	5.72816G	3.598M	5.72503G	5.728628G	500k	2
3.14M	5.725G	5.72814G	3.618M	5.72501G	5.728628G	500k	3
3.16M	5.725G	5.72816G	3.558M	5.72503G	5.728588G	500k	4

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

5775MHz

27/03/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.3M	5.7372G	5.8125G	76.262M	5.736819G	5.813081G	500k	1
75.7M	5.7369G	5.8126G	75.962M	5.737019G	5.812981G	500k	2
75.4M	5.7375G	5.8129G	76.062M	5.736919G	5.812981G	500k	3
75.1M	5.7374G	5.8125G	76.362M	5.736819G	5.813181G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22M	17.791M	17M8D1D	21.65M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.4M	36.332M	36M3D1D	39.9M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.4M	75.762M	75M8D1D	81M	75.562M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.975M	17.791M	17M8D1D	21.7M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.25M	36.332M	36M3D1D	39.8M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.3M	75.662M	75M7D1D	80.4M	75.462M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.9M	17.791M	17M8D1D	15.795M	13.853M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.65M	36.282M	36M3D1D	34.965M	32.954M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.4M	75.862M	75M9D1D	75.3M	72.339M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.55M	24.838M	24M8D1D	3.78M	4.198M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.35M	48.776M	48M8D1D	3.16M	3.478M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.9M	76.062M	76M1D1D	3.2M	3.698M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	21.9M	17.791M	21.925M	17.741M	21.925M	17.741M	21.825M	17.741M
5200MHz_TnomVnom	Pass	Inf	21.65M	17.791M	21.925M	17.766M	21.75M	17.741M	21.7M	17.741M
5240MHz_TnomVnom	Pass	Inf	22M	17.766M	21.925M	17.791M	21.925M	17.716M	21.9M	17.716M
5260MHz_TnomVnom	Pass	Inf	21.875M	17.766M	21.775M	17.791M	21.7M	17.741M	21.975M	17.741M
5300MHz_TnomVnom	Pass	Inf	21.85M	17.766M	21.875M	17.741M	21.725M	17.691M	21.85M	17.741M
5320MHz_TnomVnom	Pass	Inf	21.775M	17.766M	21.75M	17.716M	21.775M	17.716M	21.925M	17.741M
5500MHz_TnomVnom	Pass	Inf	21.825M	17.741M	21.8M	17.791M	21.75M	17.766M	21.9M	17.766M
5580MHz_TnomVnom	Pass	Inf	21.825M	17.766M	21.875M	17.766M	21.775M	17.691M	21.875M	17.691M
5700MHz_TnomVnom	Pass	Inf	21.775M	17.716M	21.775M	17.741M	21.875M	17.741M	21.725M	17.741M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	15.825M	13.853M	15.855M	13.853M	15.795M	13.883M	15.87M	13.853M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.8M	4.278M	3.8M	4.198M	3.8M	4.258M	3.78M	4.298M
5745MHz_TnomVnom	Pass	500k	17.3M	22.464M	17.55M	20.615M	17.15M	19.29M	17.55M	24.838M
5785MHz_TnomVnom	Pass	500k	17.15M	21.939M	17.55M	20.84M	16.925M	19.865M	17.15M	23.838M
5825MHz_TnomVnom	Pass	500k	17.55M	20.415M	17.55M	19.39M	17.275M	19.44M	17.55M	24.463M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	40.25M	36.332M	40.05M	36.182M	40.25M	36.232M	40.05M	36.182M
5230MHz_TnomVnom	Pass	Inf	39.9M	36.282M	40.1M	36.182M	40M	36.282M	40.4M	36.132M
5270MHz_TnomVnom	Pass	Inf	40.25M	36.182M	40M	36.232M	39.95M	36.282M	39.8M	36.232M
5310MHz_TnomVnom	Pass	Inf	39.95M	36.132M	40.05M	36.232M	40M	36.332M	39.8M	36.232M
5510MHz_TnomVnom	Pass	Inf	39.95M	36.232M	40.1M	36.232M	39.65M	36.182M	40M	36.232M
5550MHz_TnomVnom	Pass	Inf	40M	36.132M	40.15M	36.182M	39.75M	36.232M	40.35M	36.282M
5670MHz_TnomVnom	Pass	Inf	40.1M	36.182M	40.2M	36.182M	40.65M	36.282M	40.2M	36.182M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	35M	33.023M	35.21M	32.989M	35.035M	32.954M	34.965M	32.989M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	3.478M	3.16M	3.518M	3.16M	3.498M	3.18M	3.518M
5755MHz_TnomVnom	Pass	500k	36.35M	47.426M	36.25M	40.43M	35.3M	37.331M	35.65M	48.326M
5795MHz_TnomVnom	Pass	500k	36.1M	45.577M	35.7M	38.581M	36.3M	38.131M	35.65M	48.776M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	81.4M	75.662M	81M	75.662M	81M	75.762M	81.2M	75.562M
5290MHz_TnomVnom	Pass	Inf	81.5M	75.662M	82.3M	75.662M	81.5M	75.662M	80.4M	75.462M
5530MHz_TnomVnom	Pass	Inf	81.1M	75.662M	82.4M	75.862M	80.9M	75.662M	80.7M	75.762M
5610MHz_TnomVnom	Pass	Inf	80.7M	75.762M	80.8M	75.662M	81.1M	75.762M	81.2M	75.562M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.05M	72.414M	75.75M	72.339M	75.3M	72.489M	76.2M	72.414M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.22M	3.718M	3.24M	3.698M	3.2M	3.738M	3.22M	3.738M
5775MHz_TnomVnom	Pass	500k	63.8M	75.862M	75.1M	75.862M	75.9M	76.062M	75.4M	75.962M

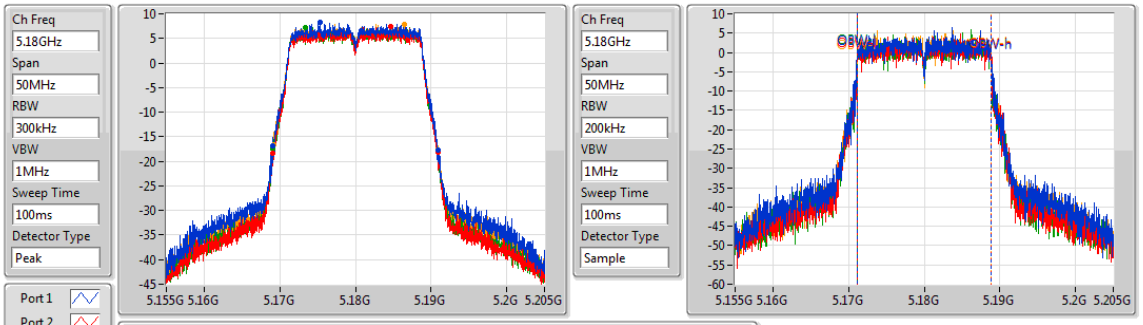
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

29/03/2018



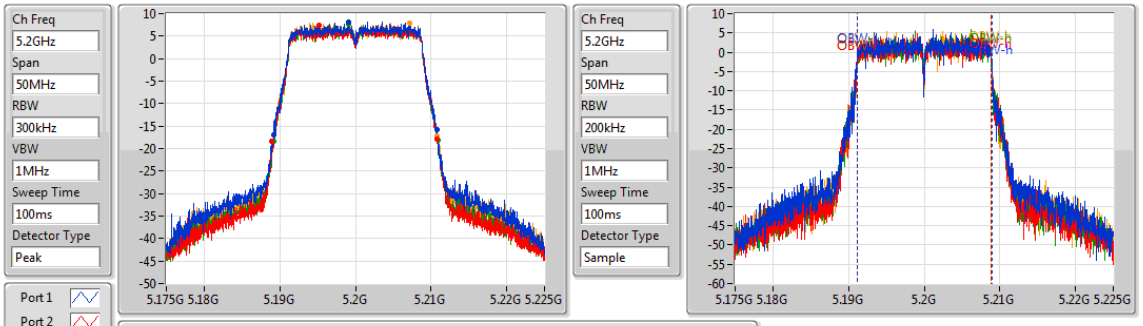
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.169075G	5.190975G	17.791M	5.171104G	5.188896G	Inf	1
21.925M	5.169G	5.190925G	17.741M	5.171154G	5.188896G	Inf	2
21.925M	5.169G	5.190925G	17.741M	5.171154G	5.188896G	Inf	3
21.825M	5.16915G	5.190975G	17.741M	5.171129G	5.188871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

29/03/2018



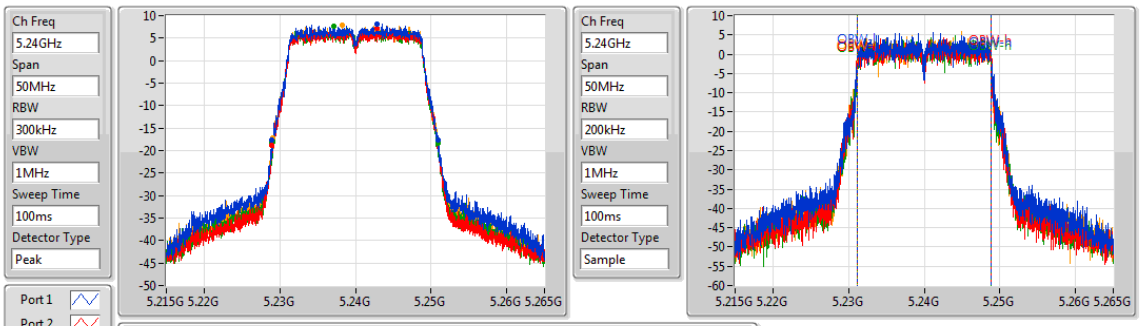
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.189175G	5.210825G	17.791M	5.191129G	5.208921G	Inf	1
21.925M	5.188925G	5.21085G	17.766M	5.191129G	5.208896G	Inf	2
21.75M	5.18915G	5.2109G	17.741M	5.191104G	5.208846G	Inf	3
21.7M	5.18915G	5.21085G	17.741M	5.191129G	5.208871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

29/03/2018

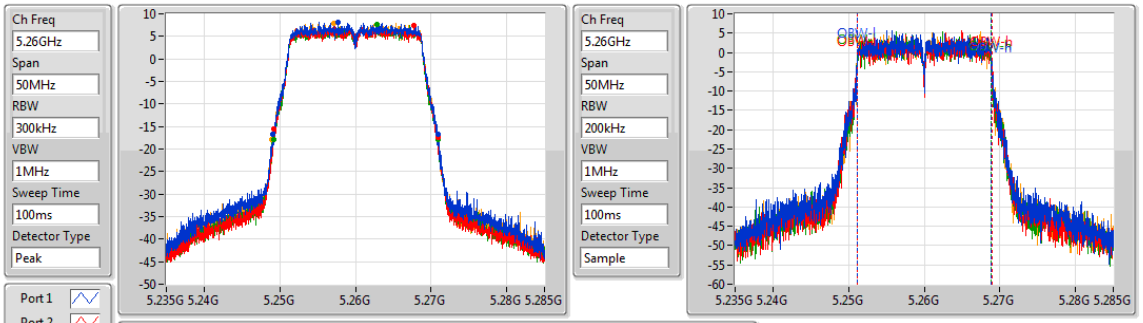


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22M	5.228925G	5.250925G	17.766M	5.231129G	5.248896G	Inf	1
21.925M	5.22895G	5.250875G	17.791M	5.231104G	5.248896G	Inf	2
21.925M	5.228975G	5.2509G	17.716M	5.231154G	5.248871G	Inf	3
21.9M	5.2291G	5.251G	17.716M	5.231154G	5.248871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5260MHz

29/03/2018

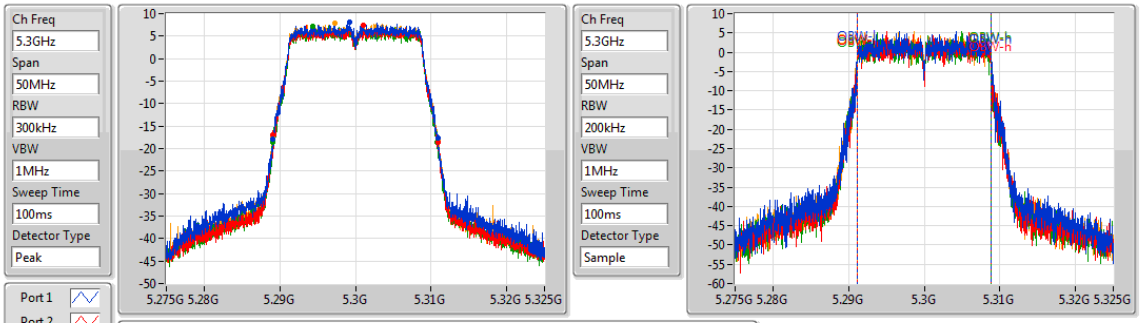


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.875M	5.24905G	5.270925G	17.766M	5.251129G	5.268896G	Inf	1
21.775M	5.24915G	5.270925G	17.791M	5.251129G	5.268921G	Inf	2
21.7M	5.2492G	5.2709G	17.741M	5.251154G	5.268896G	Inf	3
21.975M	5.248925G	5.2709G	17.741M	5.251154G	5.268896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5300MHz

29/03/2018

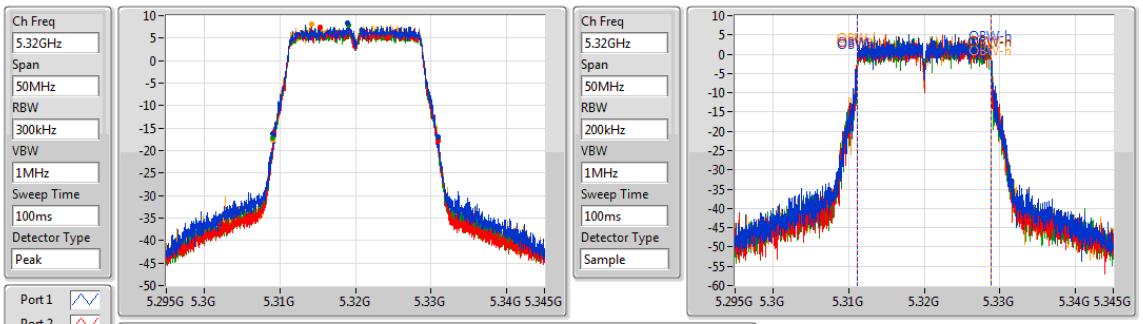


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.289075G	5.310925G	17.766M	5.291129G	5.308896G	Inf	1
21.875M	5.289075G	5.31095G	17.741M	5.291129G	5.308871G	Inf	2
21.725M	5.2891G	5.310825G	17.691M	5.291129G	5.308821G	Inf	3
21.85M	5.289075G	5.310925G	17.741M	5.291129G	5.308871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5320MHz

29/03/2018



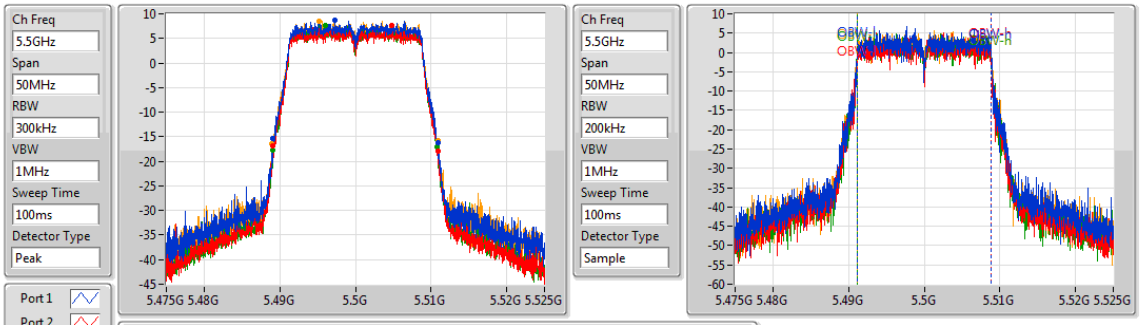
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.309125G	5.3309G	17.766M	5.311129G	5.328896G	Inf	1
21.75M	5.309175G	5.330925G	17.716M	5.311154G	5.328871G	Inf	2
21.775M	5.3091G	5.330875G	17.716M	5.311129G	5.328846G	Inf	3
21.925M	5.309G	5.330925G	17.741M	5.311154G	5.328896G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5500MHz

29/03/2018



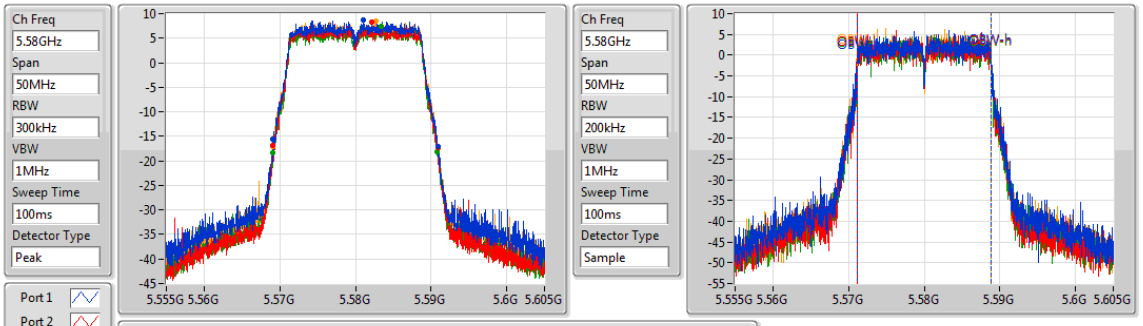
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.48905G	5.510875G	17.741M	5.491154G	5.508896G	Inf	1
21.8M	5.4891G	5.5109G	17.791M	5.491104G	5.508896G	Inf	2
21.75M	5.4891G	5.51085G	17.766M	5.491104G	5.508871G	Inf	3
21.9M	5.488975G	5.510875G	17.766M	5.491104G	5.508871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5580MHz

29/03/2018



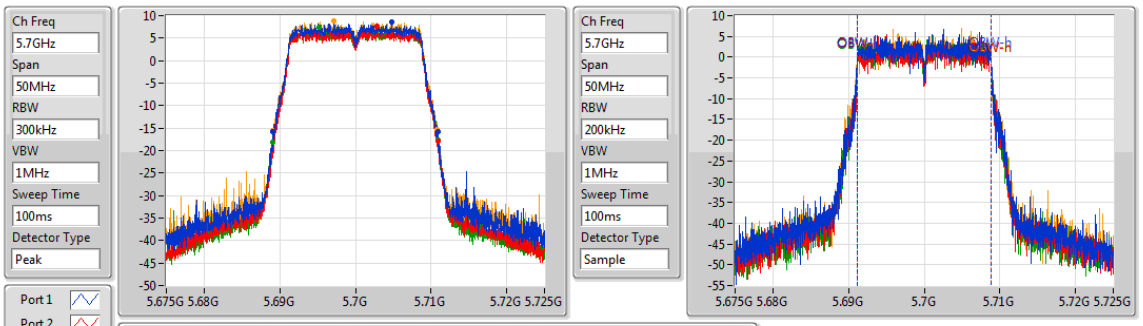
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.825M	5.569125G	5.59095G	17.766M	5.571129G	5.588896G	Inf	1
21.875M	5.569G	5.590875G	17.766M	5.571104G	5.588871G	Inf	2
21.775M	5.569075G	5.59085G	17.691M	5.571154G	5.588846G	Inf	3
21.875M	5.569075G	5.59095G	17.691M	5.571154G	5.588846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5700MHz

29/03/2018

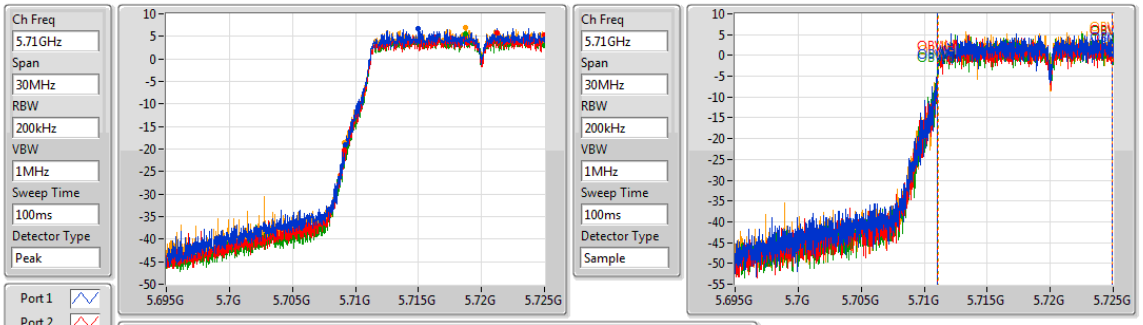


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.689125G	5.7109G	17.716M	5.691154G	5.708871G	Inf	1
21.775M	5.68915G	5.710925G	17.741M	5.691154G	5.708896G	Inf	2
21.875M	5.68905G	5.710925G	17.741M	5.691154G	5.708896G	Inf	3
21.725M	5.689075G	5.7108G	17.741M	5.691129G	5.708871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

29/03/2018

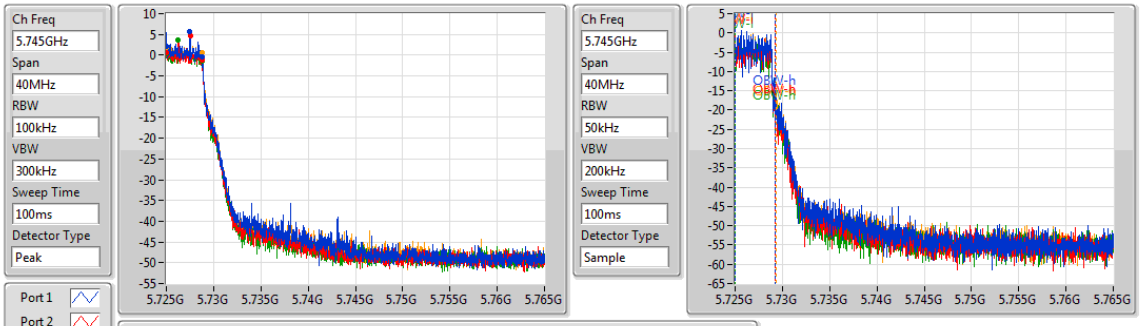


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.825M	5.709175G	5.725G	13.853M	5.711079G	5.724933G	Inf	1
15.855M	5.709145G	5.725G	13.853M	5.711079G	5.724933G	Inf	2
15.795M	5.709205G	5.725G	13.883M	5.711064G	5.724948G	Inf	3
15.87M	5.70913G	5.725G	13.853M	5.711094G	5.724948G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

29/03/2018

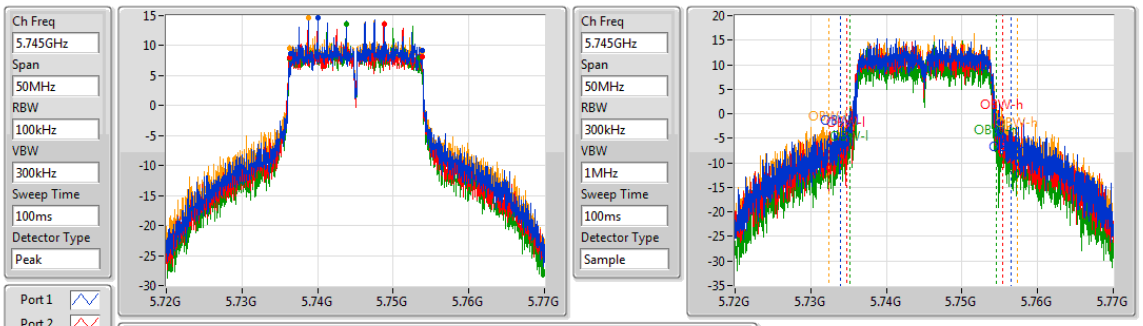


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.8M	5.725G	5.7288G	4.278M	5.72501G	5.729288G	500k	1
3.8M	5.725G	5.7288G	4.198M	5.72501G	5.729208G	500k	2
3.8M	5.725G	5.7288G	4.258M	5.72501G	5.729268G	500k	3
3.78M	5.725G	5.72878G	4.298M	5.72501G	5.729308G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5745MHz

29/03/2018



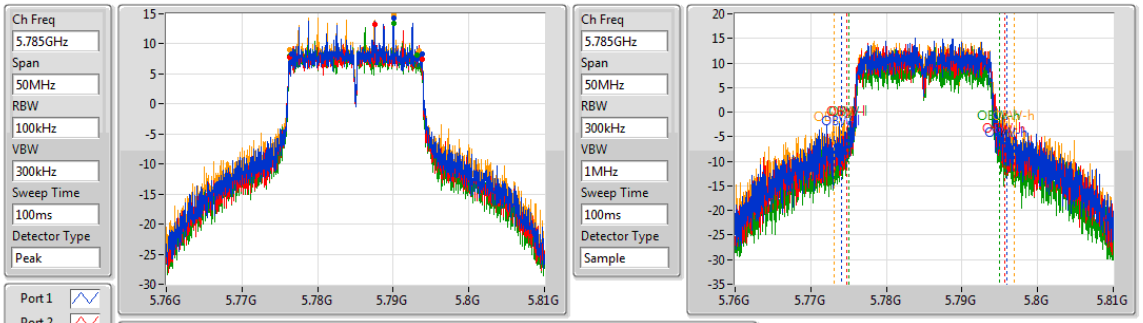
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.7365G	5.7538G	22.464M	5.733981G	5.756444G	500k	1
17.55M	5.73625G	5.7538G	20.615M	5.73473G	5.755345G	500k	2
17.15M	5.736275G	5.753425G	19.29M	5.73523G	5.75452G	500k	3
17.55M	5.73625G	5.7538G	24.838M	5.732456G	5.757294G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

29/03/2018



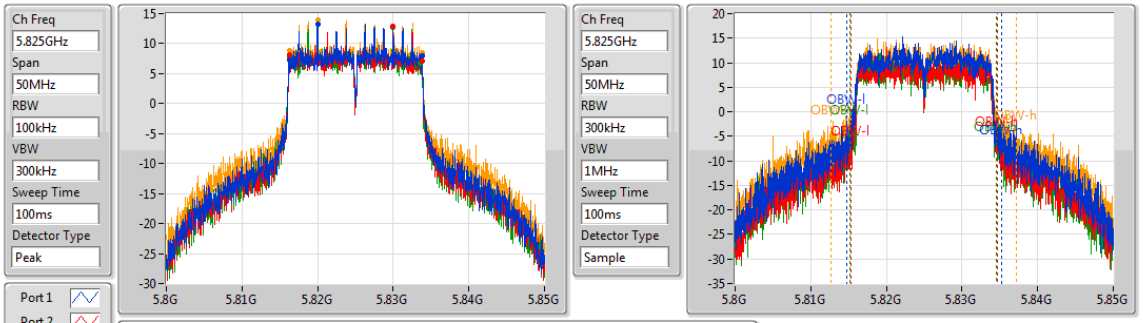
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	5.776625G	5.793775G	21.939M	5.774055G	5.795995G	500k	1
17.55M	5.77625G	5.7938G	20.84M	5.774805G	5.795645G	500k	2
16.925M	5.77625G	5.793175G	19.865M	5.775055G	5.79492G	500k	3
17.15M	5.776275G	5.793425G	23.838M	5.773031G	5.796869G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

29/03/2018



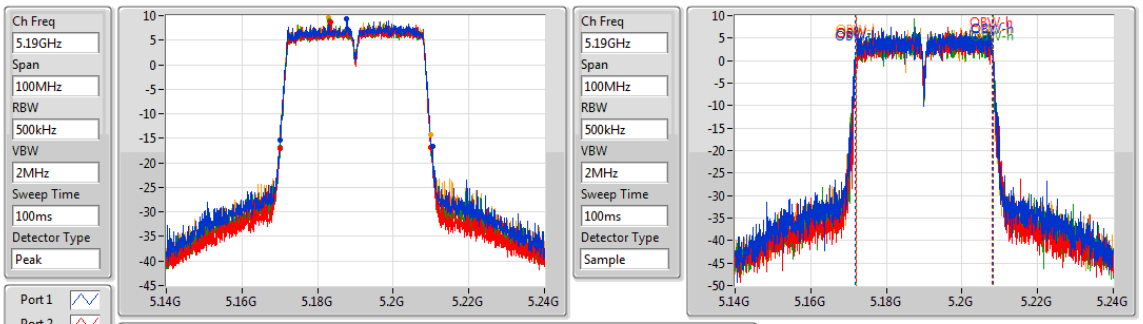
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81625G	5.8338G	20.415M	5.81483G	5.835245G	500k	1
17.55M	5.81625G	5.8338G	19.39M	5.81533G	5.83472G	500k	2
17.275M	5.81625G	5.833525G	19.44M	5.815155G	5.834595G	500k	3
17.55M	5.81625G	5.8338G	24.463M	5.812706G	5.837169G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

29/03/2018

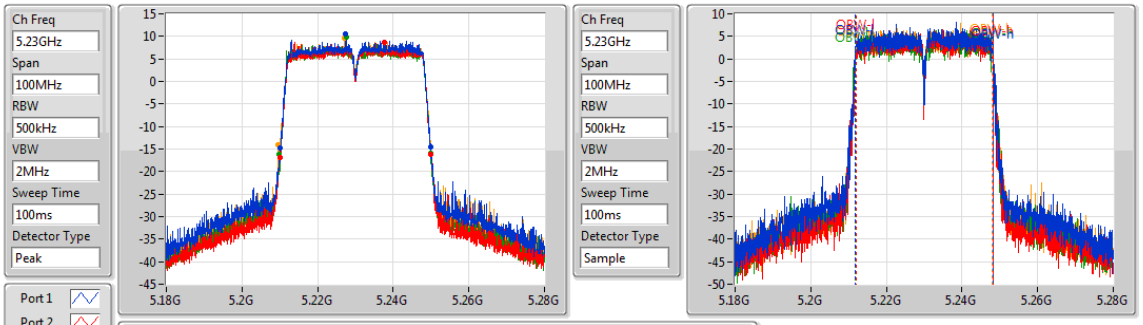


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.1701G	5.21035G	36.332M	5.171859G	5.208191G	Inf	1
40.05M	5.16995G	5.21G	36.182M	5.171909G	5.208091G	Inf	2
40.25M	5.17005G	5.2103G	36.232M	5.171909G	5.208141G	Inf	3
40.05M	5.17G	5.21005G	36.182M	5.171909G	5.208091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5230MHz

29/03/2018

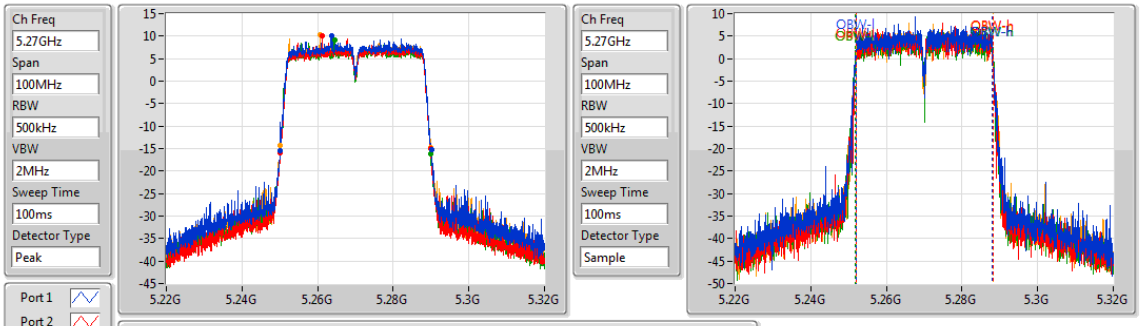


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.2101G	5.25G	36.282M	5.211859G	5.248141G	Inf	1
40.1M	5.20995G	5.25005G	36.182M	5.211959G	5.248141G	Inf	2
40M	5.20985G	5.24985G	36.282M	5.211859G	5.248141G	Inf	3
40.4M	5.2096G	5.25G	36.132M	5.211959G	5.248091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5270MHz

29/03/2018

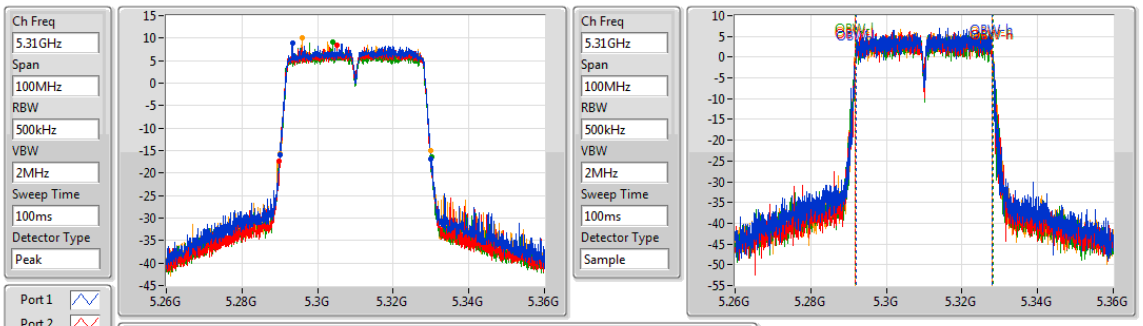


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.25M	5.24995G	5.2902G	36.182M	5.251909G	5.288091G	Inf	1
40M	5.25G	5.29G	36.232M	5.251909G	5.288141G	Inf	2
39.95M	5.25G	5.28995G	36.282M	5.251859G	5.288141G	Inf	3
39.8M	5.2502G	5.29G	36.232M	5.251909G	5.288141G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5310MHz

29/03/2018



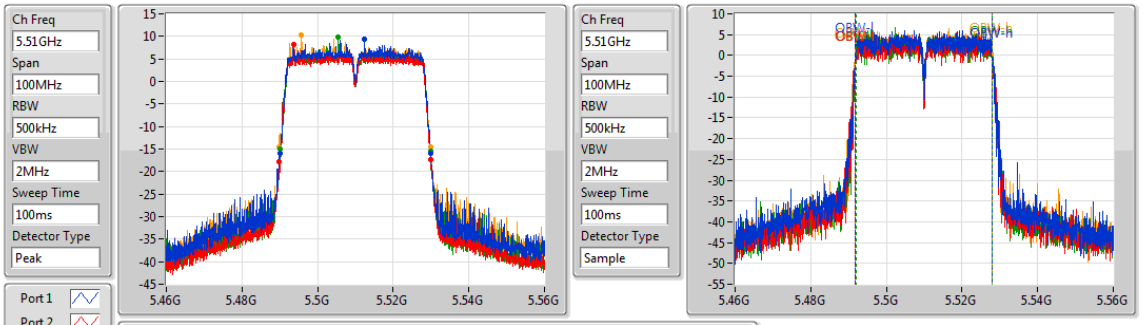
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.29005G	5.33G	36.132M	5.291959G	5.328091G	Inf	1
40.05M	5.2899G	5.32995G	36.232M	5.291859G	5.328091G	Inf	2
40M	5.2901G	5.3301G	36.332M	5.291809G	5.328141G	Inf	3
39.8M	5.2901G	5.3299G	36.232M	5.291859G	5.328091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5510MHz

29/03/2018



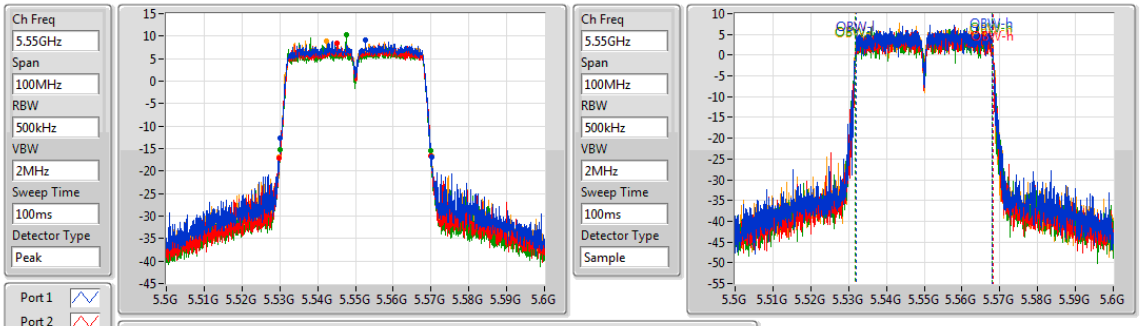
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.48995G	5.5299G	36.232M	5.491859G	5.528091G	Inf	1
40.1M	5.4899G	5.53G	36.232M	5.491859G	5.528091G	Inf	2
39.65M	5.4902G	5.52985G	36.182M	5.491909G	5.528091G	Inf	3
40M	5.4898G	5.5298G	36.232M	5.491859G	5.528091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

29/03/2018



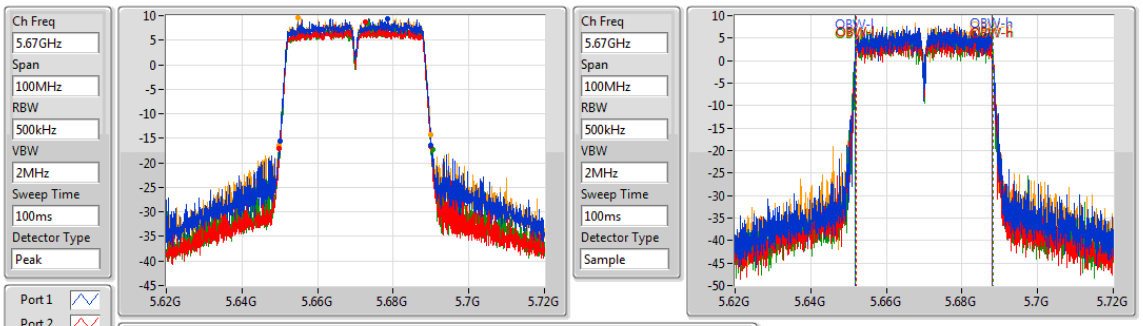
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.5301G	5.5701G	36.132M	5.531959G	5.568091G	Inf	1
40.15M	5.5299G	5.57005G	36.182M	5.531959G	5.568141G	Inf	2
39.75M	5.53005G	5.5698G	36.232M	5.531859G	5.568091G	Inf	3
40.35M	5.5299G	5.57025G	36.282M	5.531809G	5.568091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5670MHz

29/03/2018

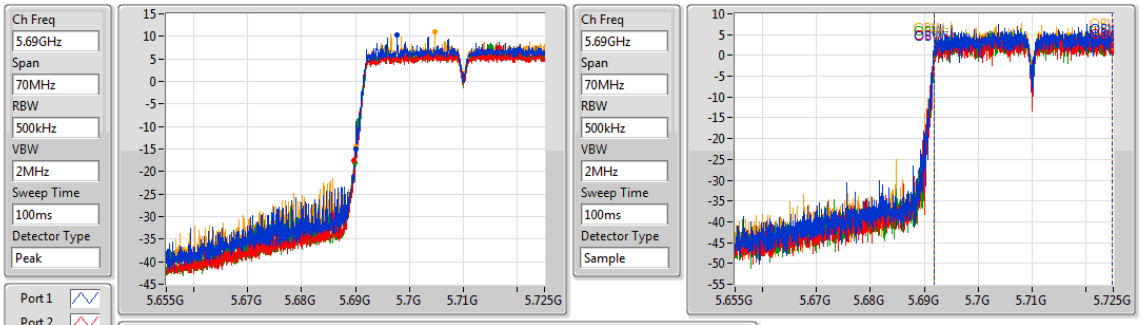


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.64995G	5.69005G	36.182M	5.651859G	5.688041G	Inf	1
40.2M	5.64985G	5.69005G	36.182M	5.651909G	5.688091G	Inf	2
40.65M	5.6497G	5.69035G	36.282M	5.651859G	5.688141G	Inf	3
40.2M	5.64985G	5.69005G	36.182M	5.651909G	5.688091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.47-5.725GHz

29/03/2018

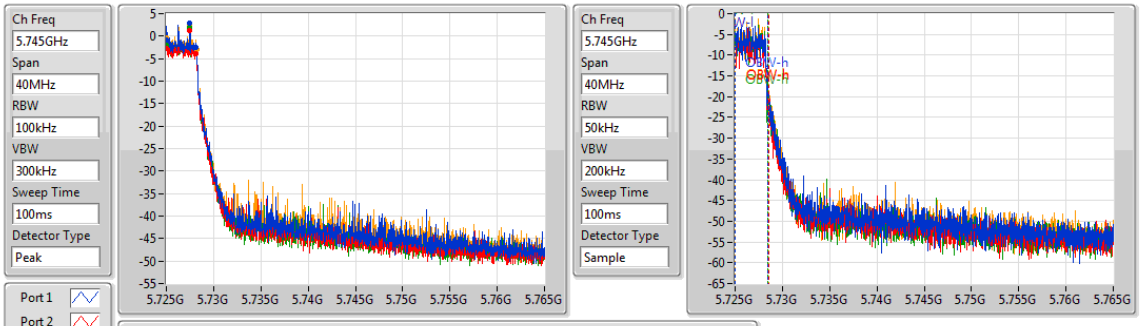


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	5.69G	5.725G	33.023M	5.691854G	5.724878G	Inf	1
35.21M	5.68979G	5.725G	32.989M	5.691854G	5.724843G	Inf	2
35.035M	5.689965G	5.725G	32.954M	5.691889G	5.724843G	Inf	3
34.965M	5.690035G	5.725G	32.989M	5.691854G	5.724843G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

29/03/2018

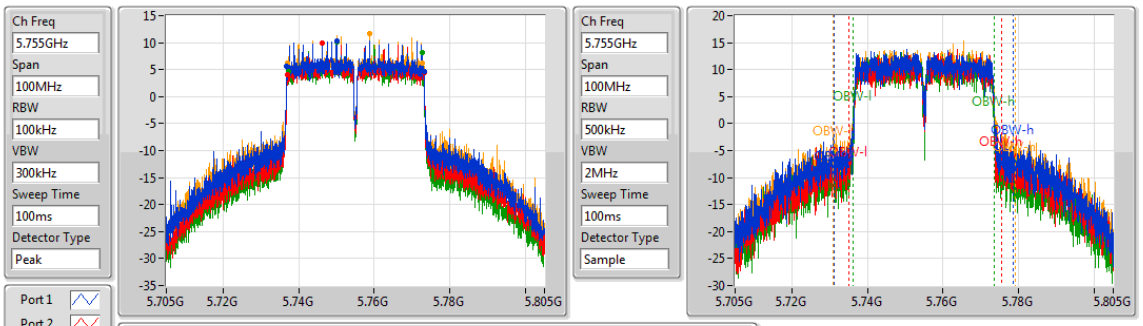


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.478M	5.72501G	5.728488G	500k	1
3.16M	5.725G	5.72816G	3.518M	5.72501G	5.728528G	500k	2
3.16M	5.725G	5.72816G	3.498M	5.72501G	5.728508G	500k	3
3.18M	5.725G	5.72818G	3.518M	5.72501G	5.728528G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

29/03/2018



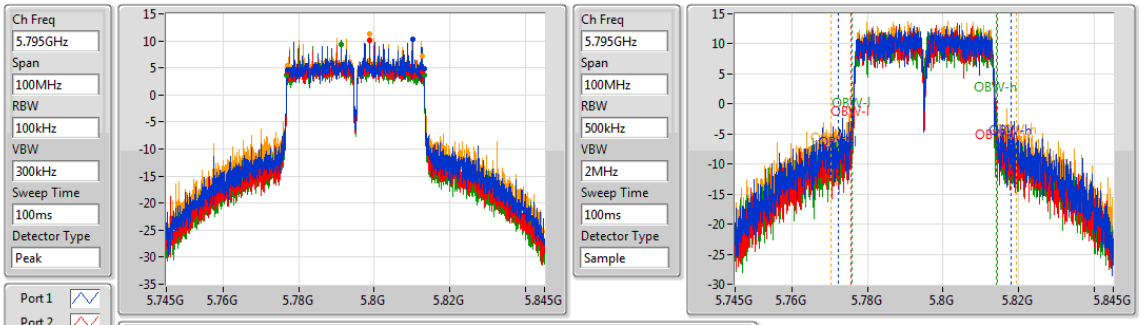
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	5.73685G	5.7732G	47.426M	5.731062G	5.778488G	500k	1
36.25M	5.7369G	5.77315G	40.43M	5.73516G	5.77559G	500k	2
35.3M	5.73725G	5.77255G	37.331M	5.736209G	5.773541G	500k	3
35.65M	5.7369G	5.77255G	48.326M	5.730862G	5.779188G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

29/03/2018



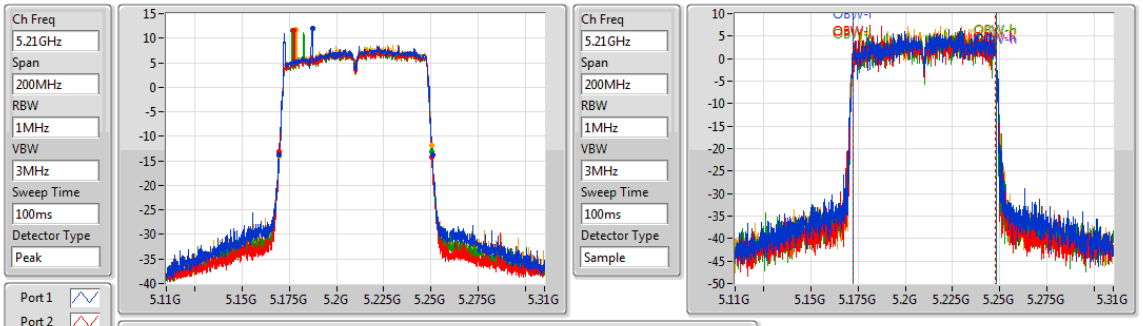
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.1M	5.7771G	5.8132G	45.577M	5.772361G	5.817939G	500k	1
35.7M	5.7771G	5.8128G	38.581M	5.77576G	5.81434G	500k	2
36.3M	5.77685G	5.81315G	38.131M	5.77591G	5.81404G	500k	3
35.65M	5.7769G	5.81255G	48.776M	5.770462G	5.819238G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

29/03/2018



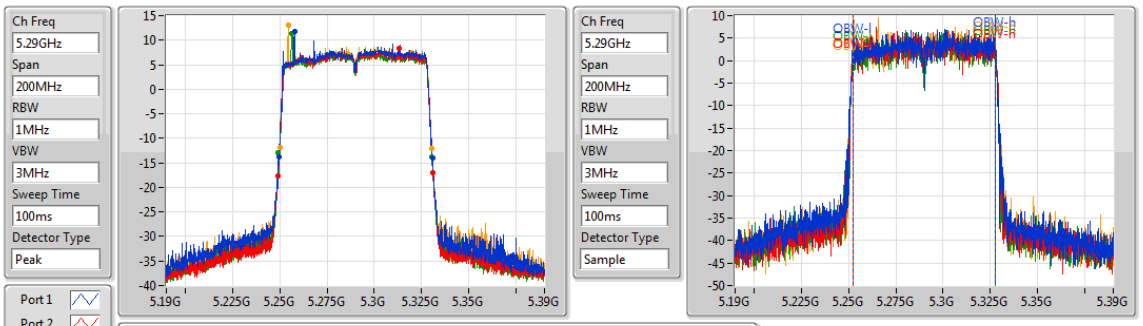
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.1696G	5.251G	75.662M	5.172319G	5.247981G	Inf	1
81M	5.1696G	5.2506G	75.662M	5.172219G	5.247881G	Inf	2
81M	5.1696G	5.2506G	75.762M	5.172219G	5.247981G	Inf	3
81.2M	5.1694G	5.2506G	75.562M	5.172319G	5.247881G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

29/03/2018

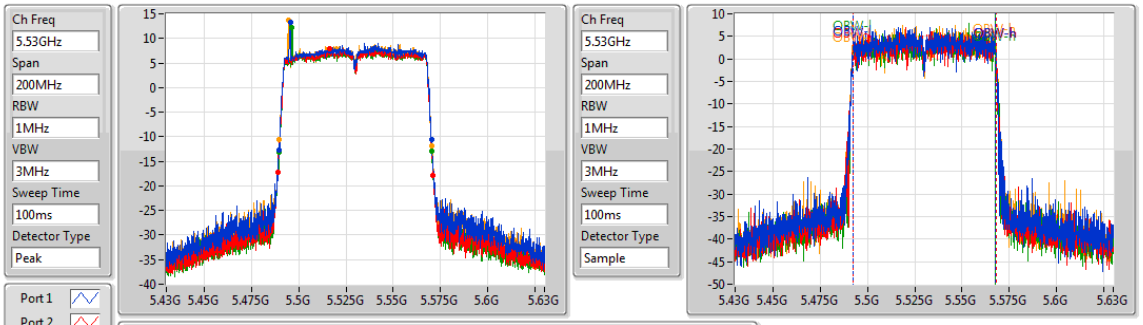


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.2495G	5.331G	75.662M	5.252119G	5.327781G	Inf	1
82.3M	5.2489G	5.3312G	75.662M	5.252219G	5.327881G	Inf	2
81.5M	5.2491G	5.3306G	75.662M	5.252219G	5.327881G	Inf	3
80.4M	5.25G	5.3304G	75.462M	5.252319G	5.327781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

29/03/2018

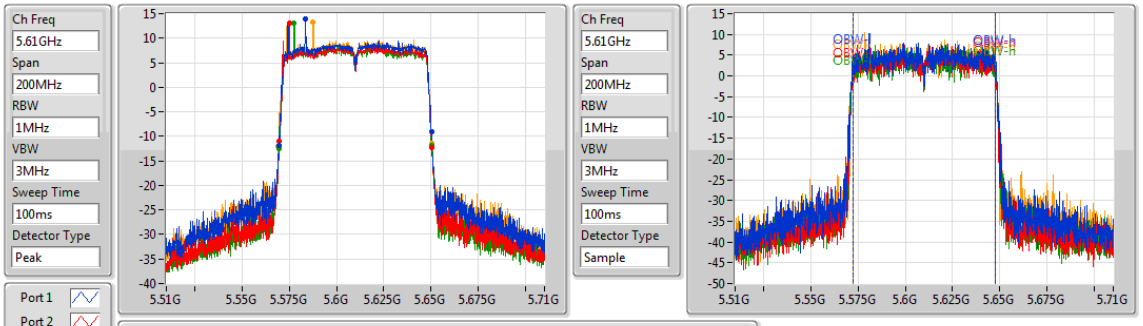


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.1M	5.4894G	5.5705G	75.662M	5.492219G	5.567881G	Inf	1
82.4M	5.4888G	5.5712G	75.862M	5.492119G	5.567981G	Inf	2
80.9M	5.4895G	5.5704G	75.662M	5.492219G	5.567881G	Inf	3
80.7M	5.4897G	5.5704G	75.762M	5.492119G	5.567881G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

29/03/2018

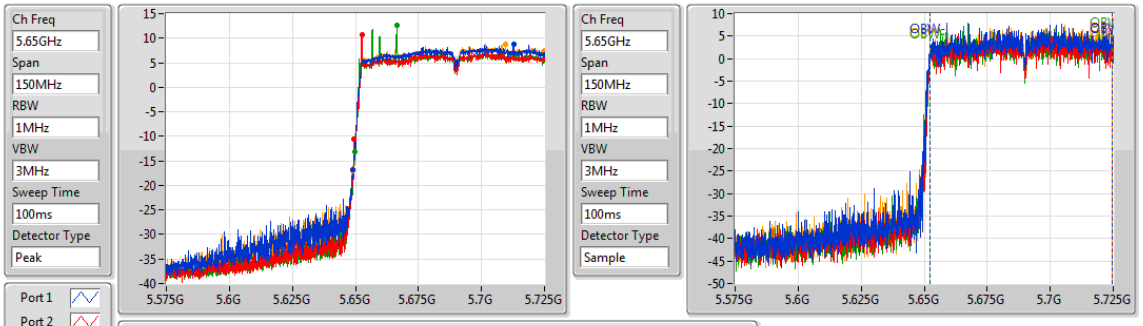


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.7M	5.5696G	5.6503G	75.762M	5.572119G	5.647881G	Inf	1
80.8M	5.5697G	5.6505G	75.662M	5.572219G	5.647881G	Inf	2
81.1M	5.5694G	5.6505G	75.762M	5.572119G	5.647881G	Inf	3
81.2M	5.5693G	5.6505G	75.562M	5.572319G	5.647881G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

29/03/2018

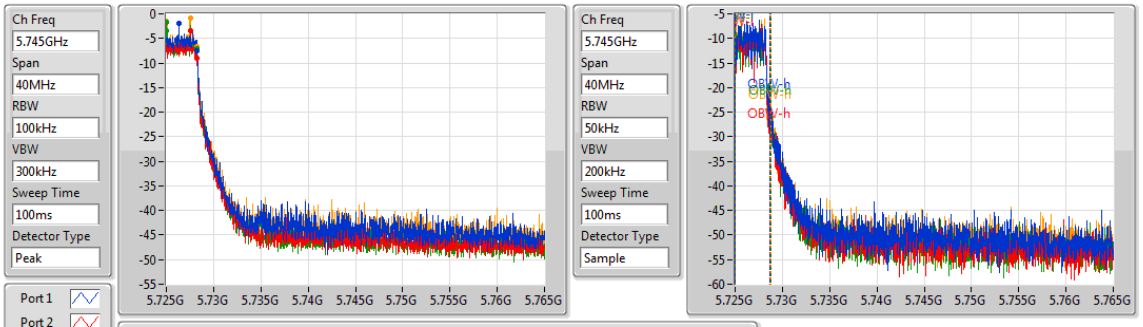


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	72.414M	5.652174G	5.724588G	Inf	1
75.75M	5.64925G	5.725G	72.339M	5.652324G	5.724663G	Inf	2
75.3M	5.6497G	5.725G	72.489M	5.652174G	5.724663G	Inf	3
76.2M	5.6488G	5.725G	72.414M	5.652174G	5.724588G	Inf	4

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

5690MHz Straddle 5.725-5.85GHz

29/03/2018

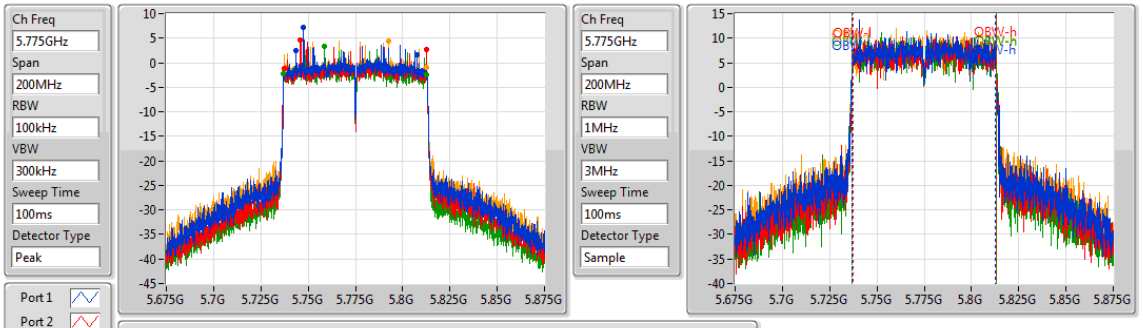


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.22M	5.725G	5.72822G	3.718M	5.72501G	5.728728G	500k	1
3.24M	5.725G	5.72824G	3.698M	5.72501G	5.728708G	500k	2
3.2M	5.725G	5.7282G	3.738M	5.72501G	5.728748G	500k	3
3.22M	5.725G	5.72822G	3.738M	5.72501G	5.728748G	500k	4

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

5775MHz

29/03/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.8M	5.7438G	5.8076G	75.862M	5.737019G	5.812881G	500k	1
75.1M	5.7375G	5.8126G	75.862M	5.737119G	5.812981G	500k	2
75.9M	5.7369G	5.8128G	76.062M	5.737019G	5.813081G	500k	3
75.4M	5.7372G	5.8126G	75.962M	5.737019G	5.812981G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.88	0.24434	28.94	0.78343
802.11ac VHT20_Nss1,(MCS0)_4TX	22.50	0.17783	27.56	0.57016
802.11ac VHT40_Nss1,(MCS0)_4TX	23.94	0.24774	29.00	0.79433
802.11ac VHT80_Nss1,(MCS0)_4TX	21.59	0.14421	26.65	0.46238
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.87	0.24378	29.42	0.87498
802.11ac VHT20_Nss1,(MCS0)_4TX	22.47	0.17660	28.02	0.63387
802.11ac VHT40_Nss1,(MCS0)_4TX	23.89	0.24491	29.44	0.87902
802.11ac VHT80_Nss1,(MCS0)_4TX	22.35	0.17179	27.90	0.61660
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.74	0.23659	29.86	0.96828
802.11ac VHT20_Nss1,(MCS0)_4TX	23.17	0.20749	29.29	0.84918
802.11ac VHT40_Nss1,(MCS0)_4TX	23.80	0.23988	29.92	0.98175
802.11ac VHT80_Nss1,(MCS0)_4TX	23.78	0.23878	29.90	0.97724
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	26.49	0.44566	31.82	1.52055
802.11ac VHT20_Nss1,(MCS0)_4TX	29.97	0.99312	35.30	3.38844
802.11ac VHT40_Nss1,(MCS0)_4TX	29.53	0.89743	34.86	3.06196
802.11ac VHT80_Nss1,(MCS0)_4TX	27.58	0.57280	32.91	1.95434

Result

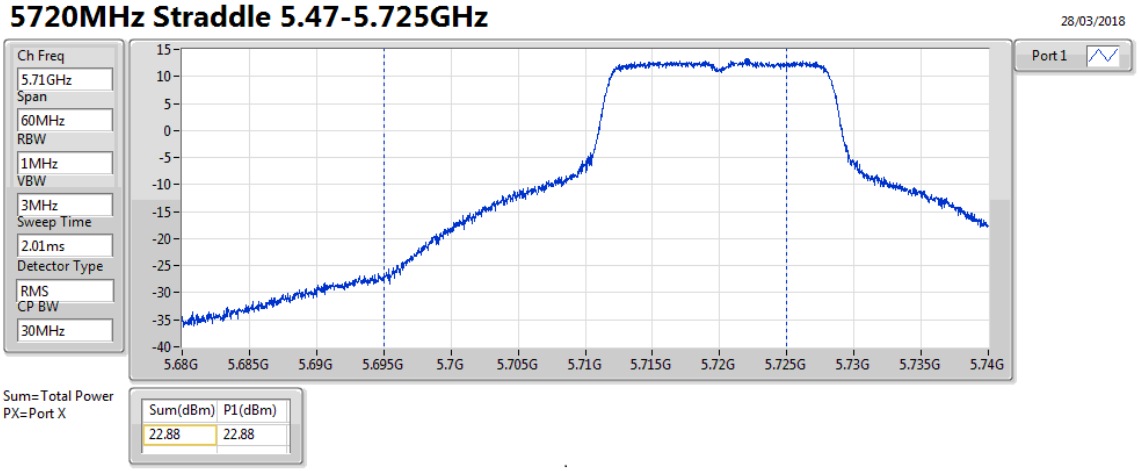
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.06	20.88				20.88	24.00	25.94	30.00
5200MHz_TnomVnom	Pass	5.06	23.88				23.88	24.00	28.94	30.00
5240MHz_TnomVnom	Pass	5.06	23.84				23.84	24.00	28.90	30.00
5260MHz_TnomVnom	Pass	5.55	23.87				23.87	24.00	29.42	30.00
5300MHz_TnomVnom	Pass	5.55	23.82				23.82	24.00	29.37	30.00
5320MHz_TnomVnom	Pass	5.55	20.64				20.64	24.00	26.19	30.00
5500MHz_TnomVnom	Pass	6.12	20.45				20.45	23.88	26.57	30.00
5580MHz_TnomVnom	Pass	6.12	23.74				23.74	23.88	29.86	30.00
5700MHz_TnomVnom	Pass	6.12	18.8				18.80	23.88	24.92	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	6.12	22.88				22.88	23.88	29.00	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.33	16.71				16.71	30.00	22.04	36.00
5745MHz_TnomVnom	Pass	5.33	26.46				26.46	30.00	31.79	36.00
5785MHz_TnomVnom	Pass	5.33	26.49				26.49	30.00	31.82	36.00
5825MHz_TnomVnom	Pass	5.33	26.45				26.45	30.00	31.78	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.06	16.94	16.45	15.94	16.54	22.50	24.00	27.56	30.00
5200MHz_TnomVnom	Pass	5.06	16.74	16.16	15.81	16.65	22.38	24.00	27.44	30.00
5240MHz_TnomVnom	Pass	5.06	16.97	16.11	15.74	16.66	22.42	24.00	27.48	30.00
5260MHz_TnomVnom	Pass	5.55	16.87	16.18	15.93	16.45	22.39	24.00	27.94	30.00
5300MHz_TnomVnom	Pass	5.55	16.88	16.14	15.82	16.50	22.37	24.00	27.92	30.00
5320MHz_TnomVnom	Pass	5.55	16.83	16.23	15.94	16.75	22.47	24.00	28.02	30.00
5500MHz_TnomVnom	Pass	6.12	17.44	16.95	16.6	17.36	23.12	23.88	29.24	30.00
5580MHz_TnomVnom	Pass	6.12	17.35	16.90	16.52	17.63	23.14	23.88	29.26	30.00
5700MHz_TnomVnom	Pass	6.12	17.72	16.61	16.82	17.35	23.17	23.88	29.29	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	6.12	16.55	15.95	15.72	16.45	22.20	22.83	28.32	28.95
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.33	11.00	10.38	10.17	10.93	16.65	30.00	21.98	36.00
5745MHz_TnomVnom	Pass	5.33	24.28	23.50	23.57	24.35	29.96	30.00	35.29	36.00
5785MHz_TnomVnom	Pass	5.33	24.10	23.38	24.01	24.27	29.97	30.00	35.30	36.00
5825MHz_TnomVnom	Pass	5.33	24.25	23.71	23.13	24.36	29.91	30.00	35.24	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.06	16.63	16.17	16.67	16.29	22.47	24.00	27.53	30.00
5230MHz_TnomVnom	Pass	5.06	18.24	17.61	17.62	18.17	23.94	24.00	29.00	30.00
5270MHz_TnomVnom	Pass	5.55	18.11	17.60	17.68	18.06	23.89	24.00	29.44	30.00
5310MHz_TnomVnom	Pass	5.55	16.46	16.25	16.23	16.23	22.31	24.00	27.86	30.00
5510MHz_TnomVnom	Pass	6.12	17.12	17.21	16.81	17.12	23.09	23.88	29.21	30.00
5550MHz_TnomVnom	Pass	6.12	18.06	17.39	17.38	18.16	23.78	23.88	29.90	30.00
5670MHz_TnomVnom	Pass	6.12	18.07	17.46	17.51	18.01	23.79	23.88	29.91	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	6.12	18.23	17.65	17.22	17.96	23.80	23.88	29.92	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.33	7.88	7.49	7.11	7.91	13.63	30.00	18.96	36.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz_TnomVnom	Pass	5.33	23.74	23.26	23.12	23.87	29.53	30.00	34.86	36.00
5795MHz_TnomVnom	Pass	5.33	23.24	22.88	23.02	23.17	29.10	30.00	34.43	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.06	15.75	15.36	15.22	15.91	21.59	24.00	26.65	30.00
5290MHz_TnomVnom	Pass	5.55	16.45	16.41	16.22	16.23	22.35	24.00	27.90	30.00
5530MHz_TnomVnom	Pass	6.12	16.92	16.45	16.56	16.81	22.71	23.88	28.83	30.00
5610MHz_TnomVnom	Pass	6.12	17.99	17.85	17.23	17.64	23.71	23.88	29.83	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	6.12	18.17	17.84	17.03	17.92	23.78	23.88	29.90	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.33	4.26	3.84	3.15	4.36	9.95	30.00	15.28	36.00
5775MHz_TnomVnom	Pass	5.33	21.76	21.55	21.49	21.41	27.58	30.00	32.91	36.00

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

802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

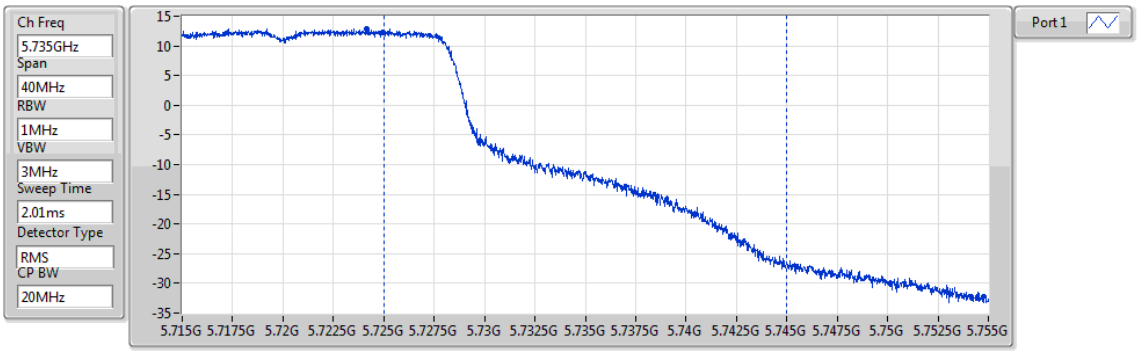


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
22.88	22.88

802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

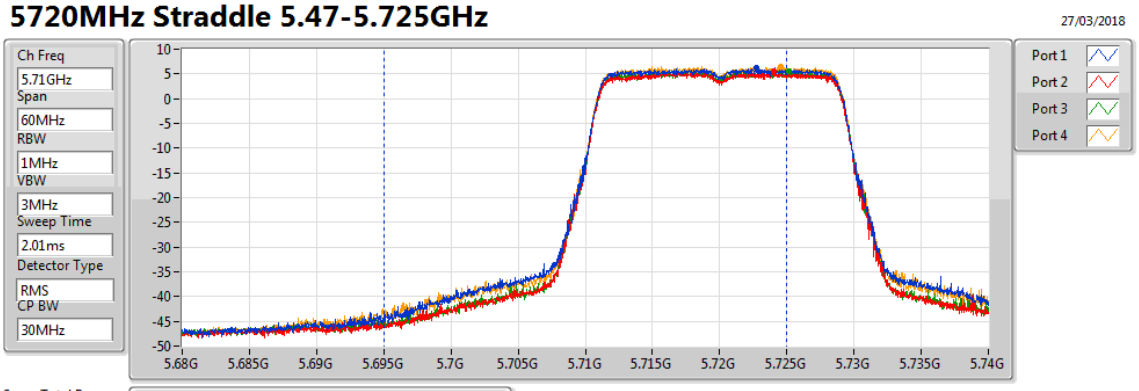


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
16.71	16.71

802.11ac VHT20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

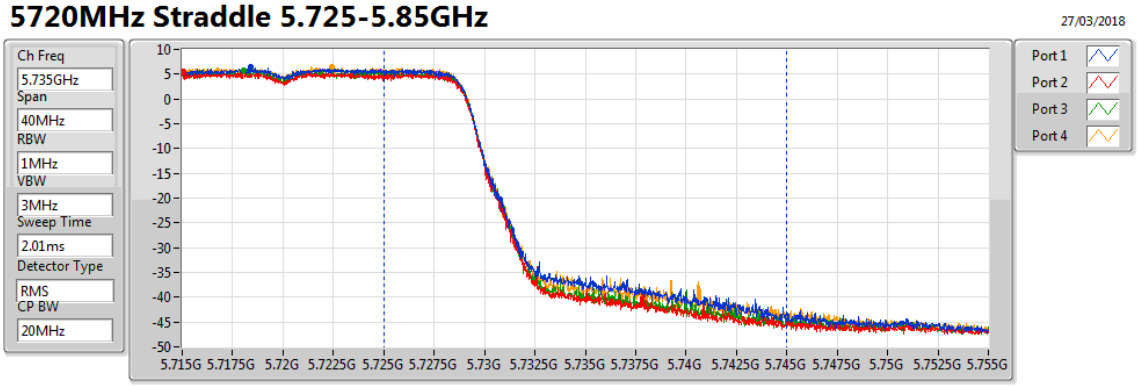


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.20	16.55	15.95	15.72	16.45

802.11ac VHT20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

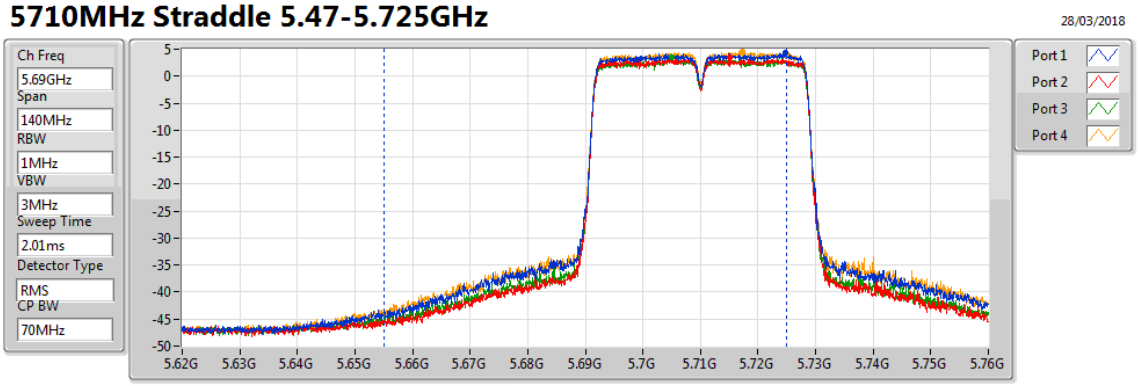


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.65	11.00	10.38	10.17	10.93

802.11ac VHT40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

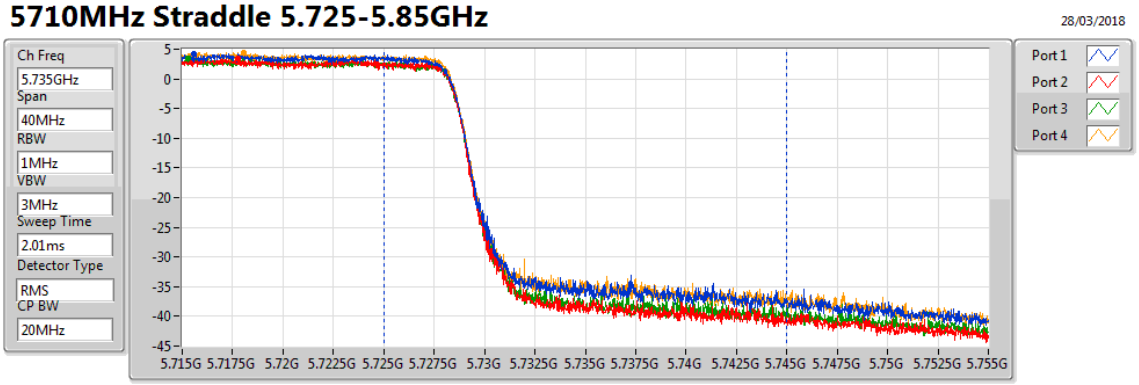


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	18.23	17.65	17.22	17.96

802.11ac VHT40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

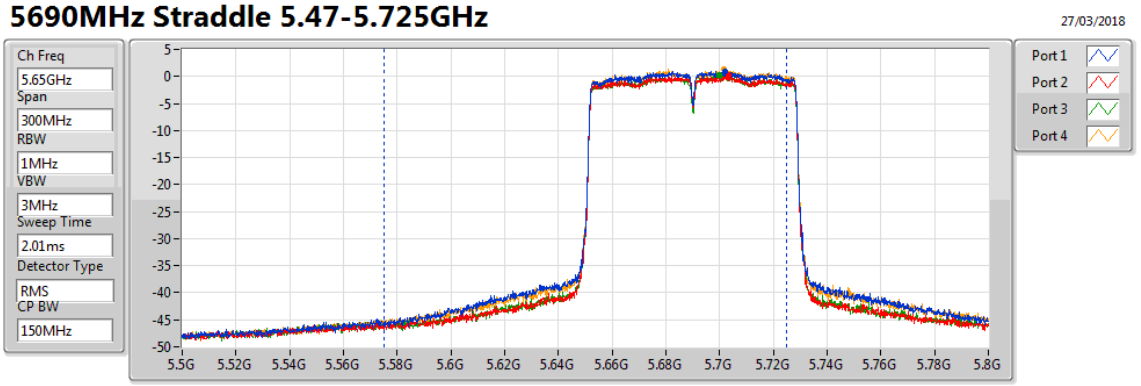


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.63	7.88	7.49	7.11	7.91

802.11ac VHT80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

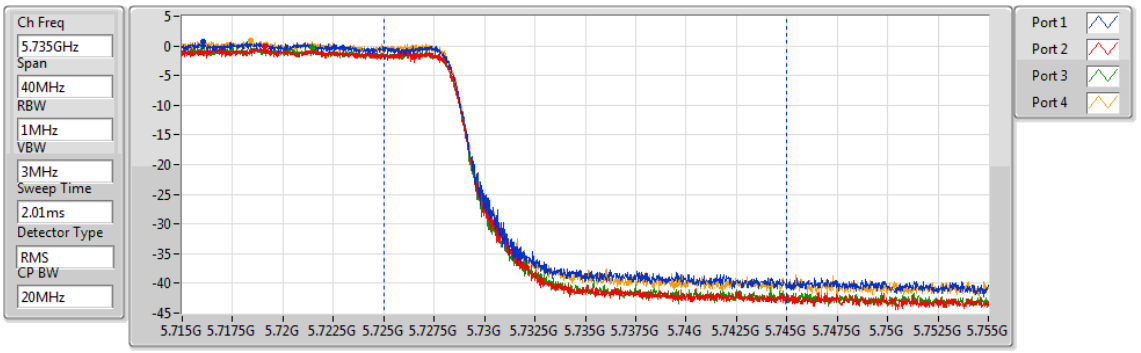


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.78	18.17	17.84	17.03	17.92

802.11ac VHT80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.95	4.26	3.84	3.15	4.36

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.24	0.16749	29.74	0.94189
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.48	0.17701	29.98	0.99541
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.45	0.13964	28.95	0.78524
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.69	0.14757	29.19	0.82985
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.49	0.17742	29.99	0.99770
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.59	0.14421	29.09	0.81096
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.87	0.19364	29.97	0.99312
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.88	0.19409	29.98	0.99541
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.89	0.19454	29.99	0.99770
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.89	0.77446	35.99	3.97192
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.85	0.76736	35.95	3.93550
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.27	0.42364	33.37	2.17270

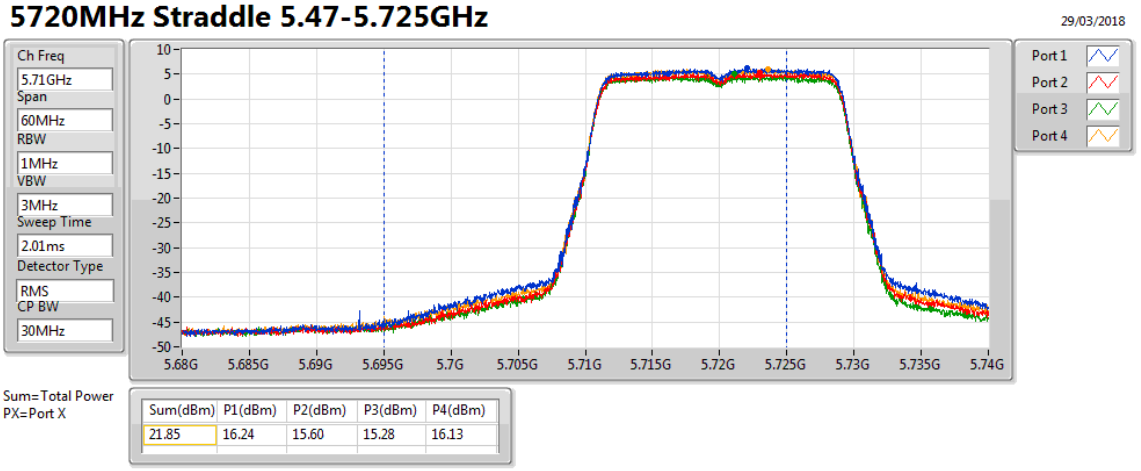
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.50	16.34	15.91	16.33	16.28	22.24	22.50	29.74	30.00
5200MHz_TnomVnom	Pass	7.50	16.29	15.68	16.11	16.17	22.09	22.50	29.59	30.00
5240MHz_TnomVnom	Pass	7.50	15.79	15.21	15.52	15.72	21.59	22.50	29.09	30.00
5260MHz_TnomVnom	Pass	7.50	15.78	15.08	15.57	15.69	21.56	22.50	29.06	30.00
5300MHz_TnomVnom	Pass	7.50	15.85	15.12	15.24	15.84	21.55	22.50	29.05	30.00
5320MHz_TnomVnom	Pass	7.50	16.02	15.39	15.31	15.93	21.69	22.50	29.19	30.00
5500MHz_TnomVnom	Pass	7.10	17.11	16.81	16.54	16.93	22.87	22.90	29.97	30.00
5580MHz_TnomVnom	Pass	7.10	17.08	16.56	16.22	16.74	22.68	22.90	29.78	30.00
5700MHz_TnomVnom	Pass	7.10	16.26	15.84	15.86	15.93	22.00	22.90	29.10	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	16.24	15.60	15.28	16.13	21.85	21.89	28.95	28.99
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	10.41	9.20	8.80	10.57	15.83	28.90	22.93	36.00
5745MHz_TnomVnom	Pass	7.10	23.55	22.51	22.56	22.75	28.88	28.90	35.98	36.00
5785MHz_TnomVnom	Pass	7.10	23.07	22.63	22.86	22.91	28.89	28.90	35.99	36.00
5825MHz_TnomVnom	Pass	7.10	22.91	22.61	22.42	22.94	28.75	28.90	35.85	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.50	16.82	16.64	15.99	16.31	22.47	22.50	29.97	30.00
5230MHz_TnomVnom	Pass	7.50	16.84	16.65	16.03	16.26	22.48	22.50	29.98	30.00
5270MHz_TnomVnom	Pass	7.50	16.97	16.54	16.13	16.20	22.49	22.50	29.99	30.00
5310MHz_TnomVnom	Pass	7.50	16.14	16.09	15.75	16.06	22.03	22.50	29.53	30.00
5510MHz_TnomVnom	Pass	7.10	16.75	16.57	16.04	16.20	22.42	22.90	29.52	30.00
5550MHz_TnomVnom	Pass	7.10	17.49	16.87	16.33	16.57	22.86	22.90	29.96	30.00
5670MHz_TnomVnom	Pass	7.10	17.52	16.83	16.37	16.61	22.87	22.90	29.97	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	17.21	16.93	16.52	16.73	22.88	22.90	29.98	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	7.82	8.98	5.05	5.52	13.16	28.90	20.26	36.00
5755MHz_TnomVnom	Pass	7.10	23.02	22.71	22.65	22.92	28.85	28.90	35.95	36.00
5795MHz_TnomVnom	Pass	7.10	23.07	22.74	22.63	22.84	28.84	28.90	35.94	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.50	15.86	15.25	14.96	15.58	21.45	22.50	28.95	30.00
5290MHz_TnomVnom	Pass	7.50	15.87	15.42	15.18	15.77	21.59	22.50	29.09	30.00
5530MHz_TnomVnom	Pass	7.10	17.35	16.81	16.34	16.81	22.86	22.90	29.96	30.00
5610MHz_TnomVnom	Pass	7.10	17.29	16.80	16.36	16.96	22.89	22.90	29.99	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	17.15	16.35	16.58	17.31	22.89	22.90	29.99	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	3.59	2.76	2.20	3.73	9.13	28.90	16.23	36.00
5775MHz_TnomVnom	Pass	7.10	20.66	20.26	19.79	20.23	26.27	28.90	33.37	36.00

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

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

5720MHz Straddle 5.47-5.725GHz

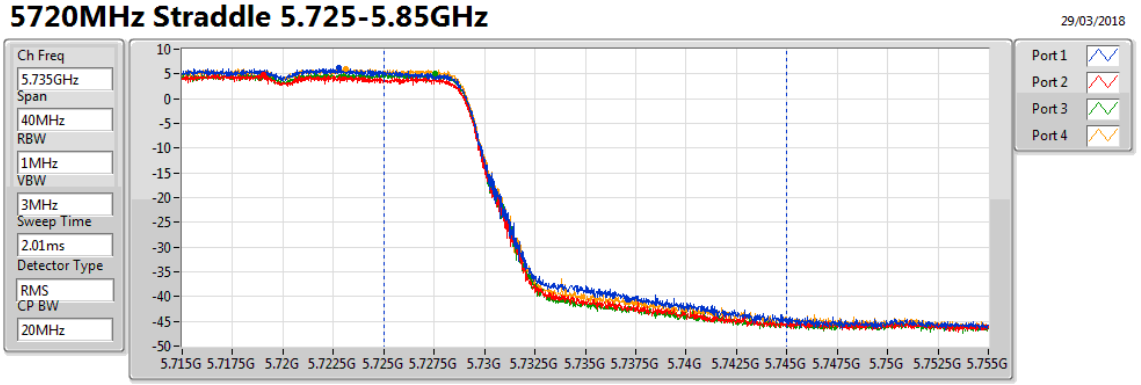


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.85	16.24	15.60	15.28	16.13

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

5720MHz Straddle 5.725-5.85GHz

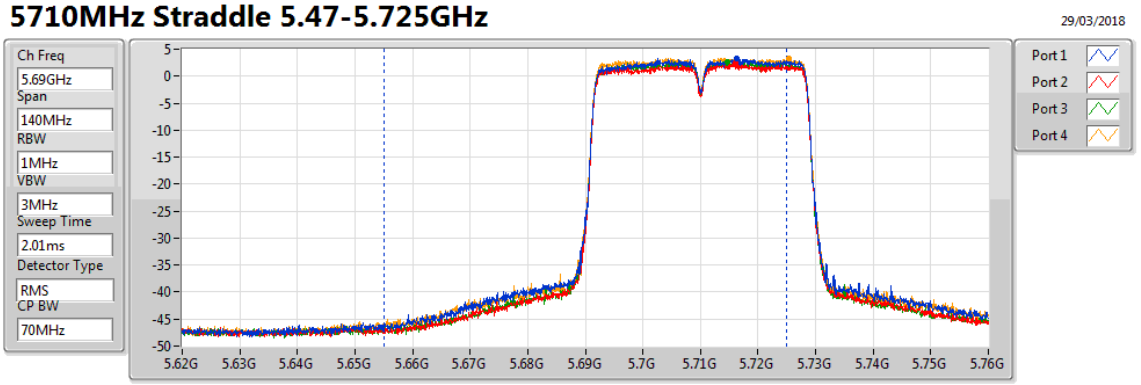


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.83	10.41	9.20	8.80	10.57

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

5710MHz Straddle 5.47-5.725GHz

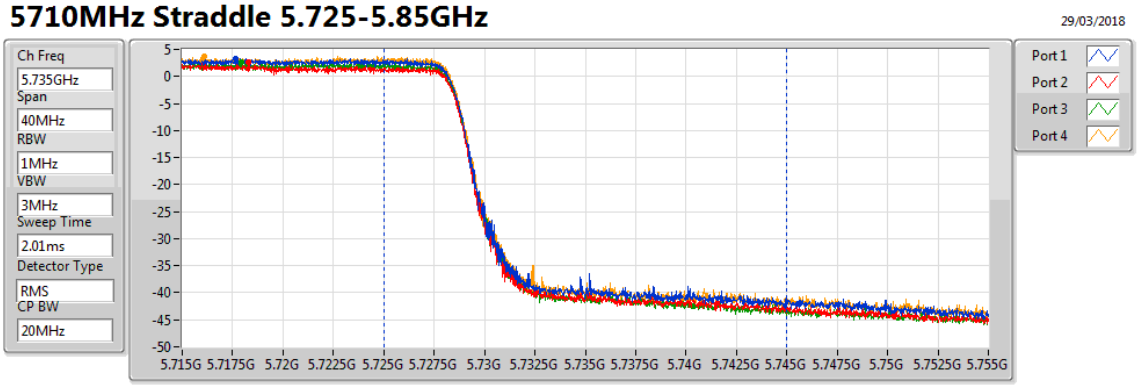


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.88	17.21	16.93	16.52	16.73

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

5710MHz Straddle 5.725-5.85GHz

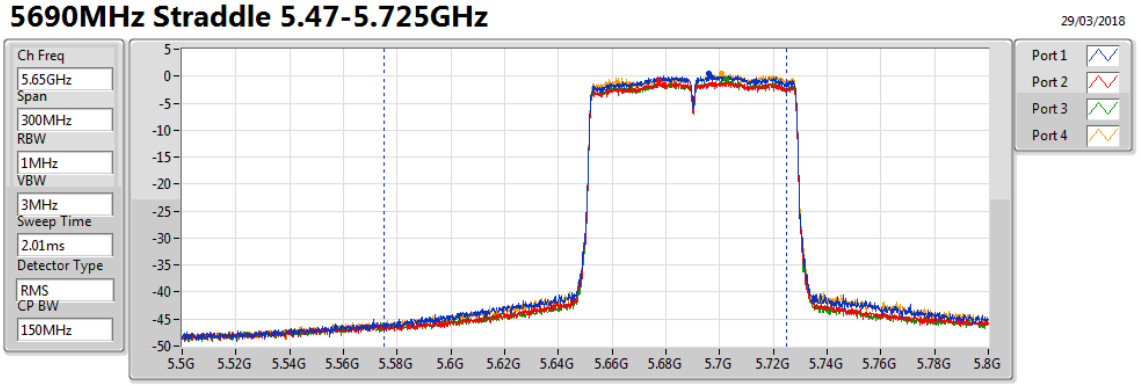


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.16	7.82	8.98	5.05	5.52

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

5690MHz Straddle 5.47-5.725GHz

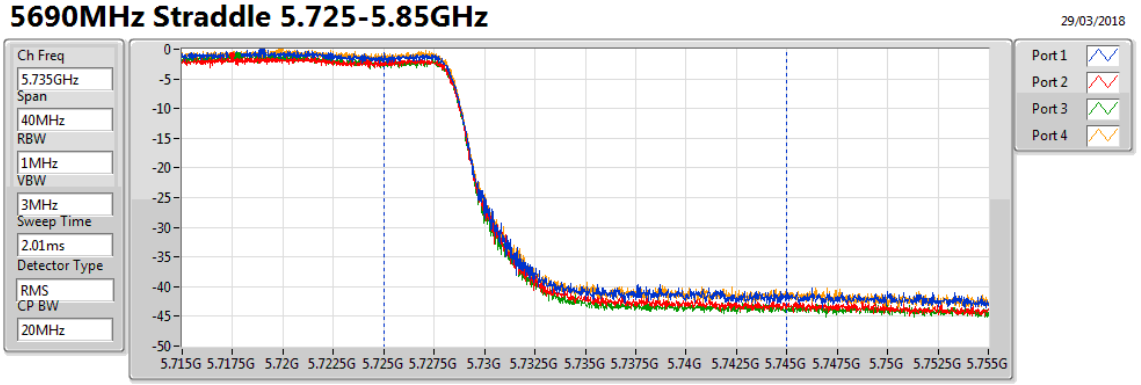


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.89	17.15	16.35	16.58	17.31

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

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.13	3.59	2.76	2.20	3.73

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.94	16.00
802.11ac VHT20_Nss1,(MCS0)_4TX	9.42	16.92
802.11ac VHT40_Nss1,(MCS0)_4TX	8.24	15.74
802.11ac VHT80_Nss1,(MCS0)_4TX	3.36	10.86
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.96	16.51
802.11ac VHT20_Nss1,(MCS0)_4TX	9.32	16.82
802.11ac VHT40_Nss1,(MCS0)_4TX	8.21	15.71
802.11ac VHT80_Nss1,(MCS0)_4TX	4.04	11.54
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.80	16.92
802.11ac VHT20_Nss1,(MCS0)_4TX	9.84	16.94
802.11ac VHT40_Nss1,(MCS0)_4TX	7.89	14.99
802.11ac VHT80_Nss1,(MCS0)_4TX	5.26	12.36
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.93	17.26
802.11ac VHT20_Nss1,(MCS0)_4TX	15.22	22.32
802.11ac VHT40_Nss1,(MCS0)_4TX	12.67	19.77
802.11ac VHT80_Nss1,(MCS0)_4TX	7.97	15.07

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

Result

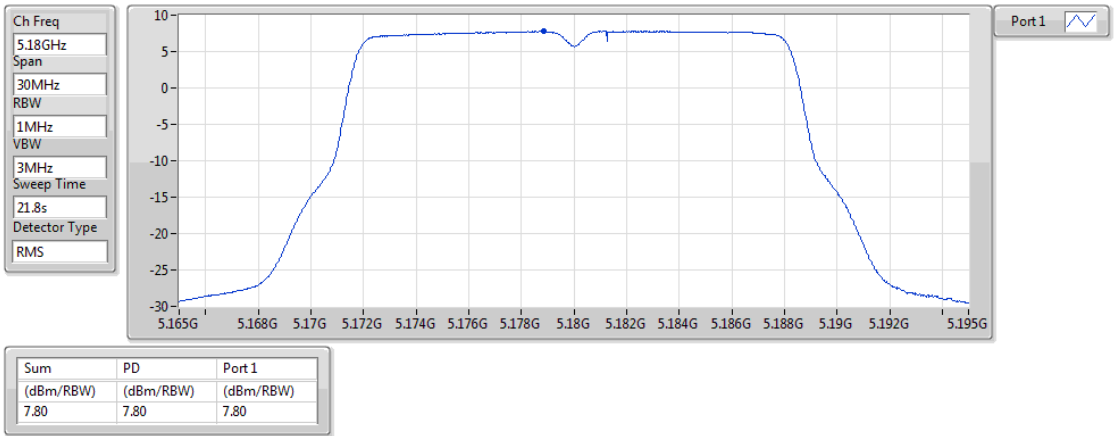
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.06	7.80				7.80	11.00	12.86	17.00
5200MHz	Pass	5.06	10.78				10.78	11.00	15.84	17.00
5240MHz	Pass	5.06	10.94				10.94	11.00	16.00	17.00
5260MHz	Pass	5.55	10.91				10.91	11.00	16.46	17.00
5300MHz	Pass	5.55	10.96				10.96	11.00	16.51	17.00
5320MHz	Pass	5.55	7.52				7.52	11.00	13.07	17.00
5500MHz	Pass	6.12	6.99				6.99	10.88	13.11	17.00
5580MHz	Pass	6.12	10.72				10.72	10.88	16.84	17.00
5700MHz	Pass	6.12	4.63				4.63	10.88	10.75	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	6.12	10.80				10.80	10.88	16.92	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.33	9.26				9.26	30.00	14.59	36.00
5745MHz	Pass	5.33	11.93				11.93	30.00	17.26	36.00
5785MHz	Pass	5.33	11.90				11.90	30.00	17.23	36.00
5825MHz	Pass	5.33	11.63				11.63	30.00	16.96	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.50	3.81	3.12	2.88	3.41	9.30	9.50	16.80	17.00
5200MHz	Pass	7.50	3.87	3.11	2.90	3.53	9.33	9.50	16.83	17.00
5240MHz	Pass	7.50	4.07	3.11	2.88	3.63	9.42	9.50	16.92	17.00
5260MHz	Pass	7.50	3.83	3.15	2.88	3.54	9.32	9.50	16.82	17.00
5300MHz	Pass	7.50	3.77	3.17	2.77	3.48	9.29	9.50	16.79	17.00
5320MHz	Pass	7.50	3.79	3.09	2.72	3.64	9.32	9.50	16.82	17.00
5500MHz	Pass	7.10	4.29	3.26	3.28	4.34	9.82	9.90	16.92	17.00
5580MHz	Pass	7.10	4.28	3.44	3.18	4.40	9.84	9.90	16.94	17.00
5700MHz	Pass	7.10	4.27	3.30	3.45	4.32	9.84	9.90	16.94	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.10	4.04	3.33	3.52	4.36	9.83	9.90	16.93	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.10	2.52	1.61	1.96	2.77	8.25	28.90	15.35	36.00
5745MHz	Pass	7.10	9.41	8.84	8.92	9.67	15.22	28.90	22.32	36.00
5785MHz	Pass	7.10	9.39	8.69	8.64	9.60	15.07	28.90	22.17	36.00
5825MHz	Pass	7.10	9.15	8.56	8.50	9.25	14.85	28.90	21.95	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.50	1.27	0.50	0.43	0.95	6.75	9.50	14.25	17.00
5230MHz	Pass	7.50	2.78	1.94	1.89	2.47	8.24	9.50	15.74	17.00
5270MHz	Pass	7.50	2.79	1.79	1.81	2.55	8.21	9.50	15.71	17.00
5310MHz	Pass	7.50	1.28	0.48	0.35	0.73	6.67	9.50	14.17	17.00
5510MHz	Pass	7.10	1.58	0.73	0.89	1.56	7.17	9.90	14.27	17.00
5550MHz	Pass	7.10	1.85	1.09	0.78	1.96	7.42	9.90	14.52	17.00
5670MHz	Pass	7.10	2.11	1.27	1.13	2.36	7.74	9.90	14.84	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.10	2.31	1.36	1.26	2.59	7.89	9.90	14.99	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.10	0.53	-0.57	-0.47	0.71	6.10	28.90	13.20	36.00
5755MHz	Pass	7.10	6.96	6.09	6.13	7.37	12.67	28.90	19.77	36.00
5795MHz	Pass	7.10	6.73	5.83	6.03	7.11	12.44	28.90	19.54	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.50	-2.05	-3.01	-2.93	-2.47	3.36	9.50	10.86	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5290MHz	Pass	7.50	-1.34	-2.29	-2.28	-1.82	4.04	9.50	11.54	17.00
5530MHz	Pass	7.10	-1.72	-2.30	-2.41	-1.51	4.03	9.90	11.13	17.00
5610MHz	Pass	7.10	-0.39	-1.07	-1.27	-0.33	5.26	9.90	12.36	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.10	-0.89	-1.73	-1.90	-0.86	4.70	9.90	11.80	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.10	-3.34	-4.13	-4.35	-3.20	2.29	28.90	9.39	36.00
5775MHz	Pass	7.10	2.47	1.37	1.33	2.48	7.97	28.90	15.07	36.00

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)_1TX **PSD**

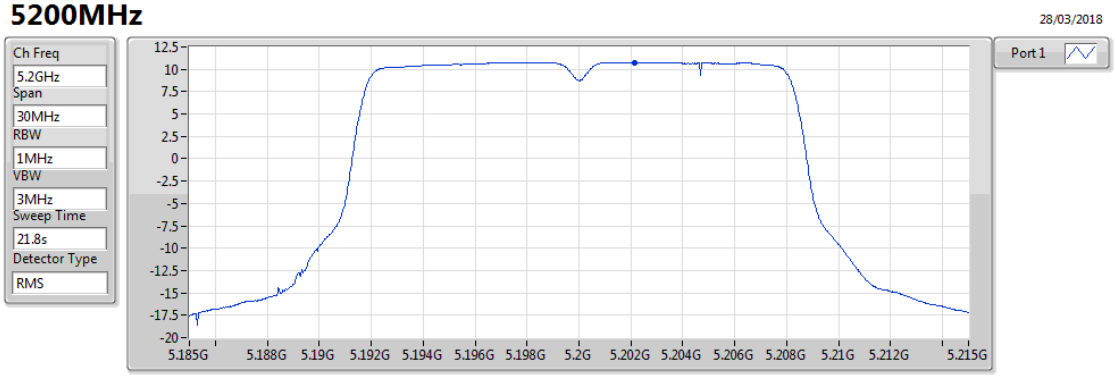
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	7.80

802.11a_Nss1,(6Mbps)_1TX **PSD**

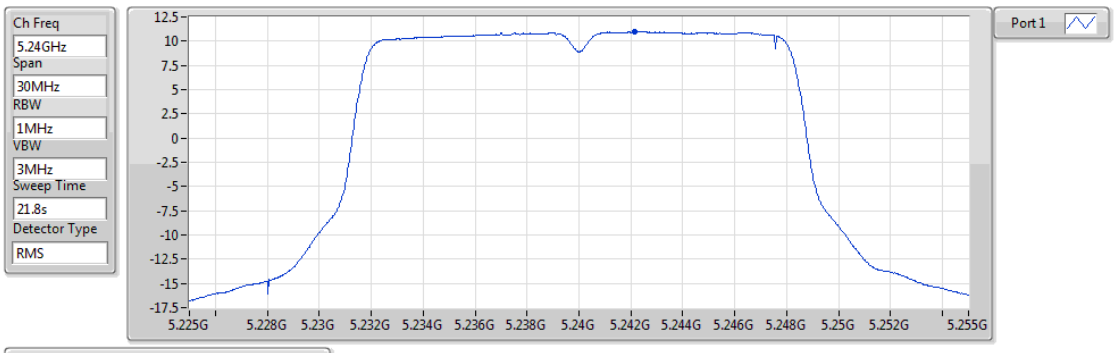
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	10.78

802.11a_Nss1,(6Mbps)_1TX **PSD**

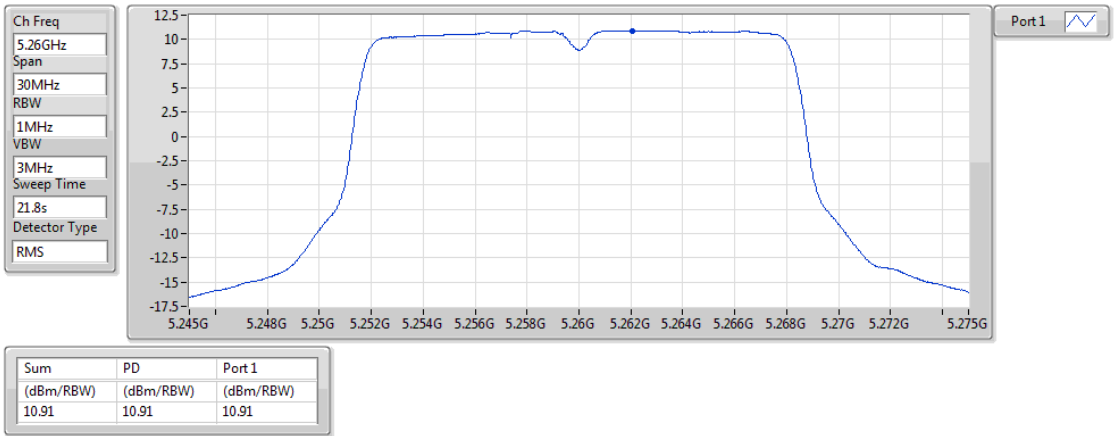
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	10.94

802.11a_Nss1,(6Mbps)_1TX **PSD**

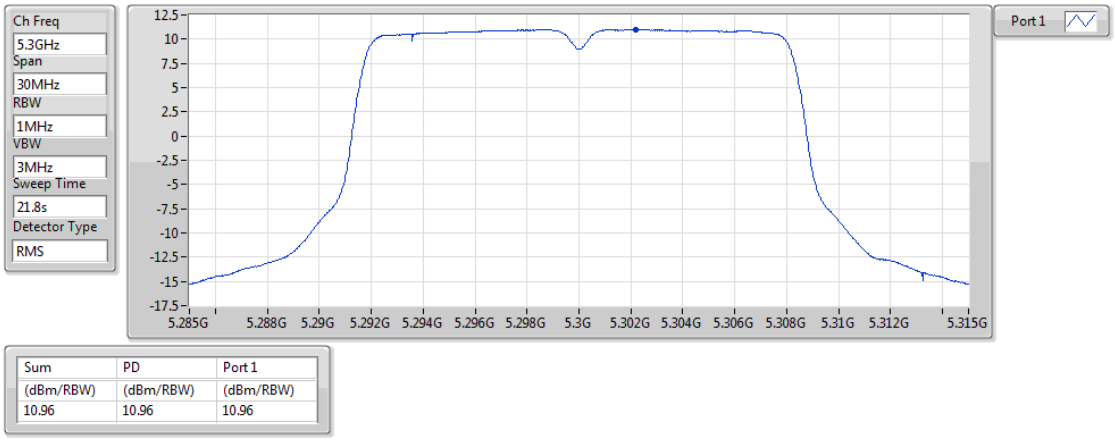
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	10.91

802.11a_Nss1,(6Mbps)_1TX **PSD**

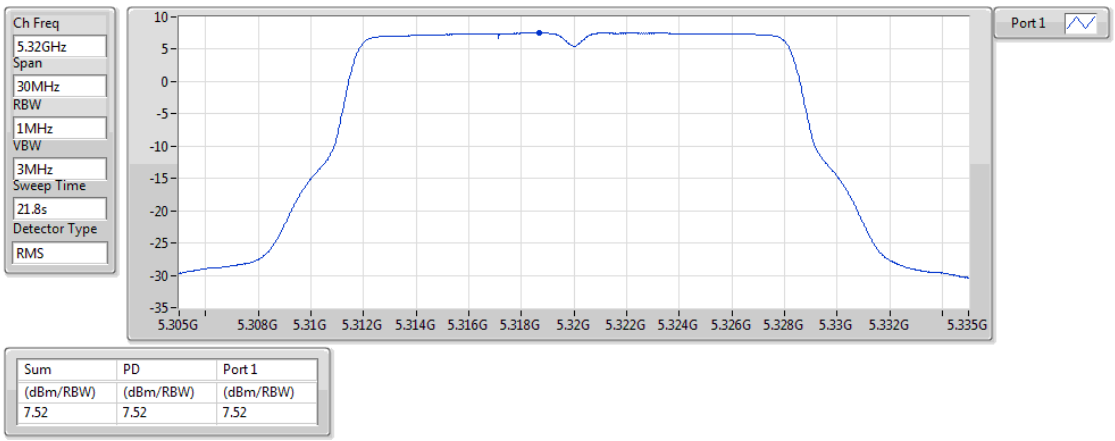
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	10.96

802.11a_Nss1,(6Mbps)_1TX **PSD**

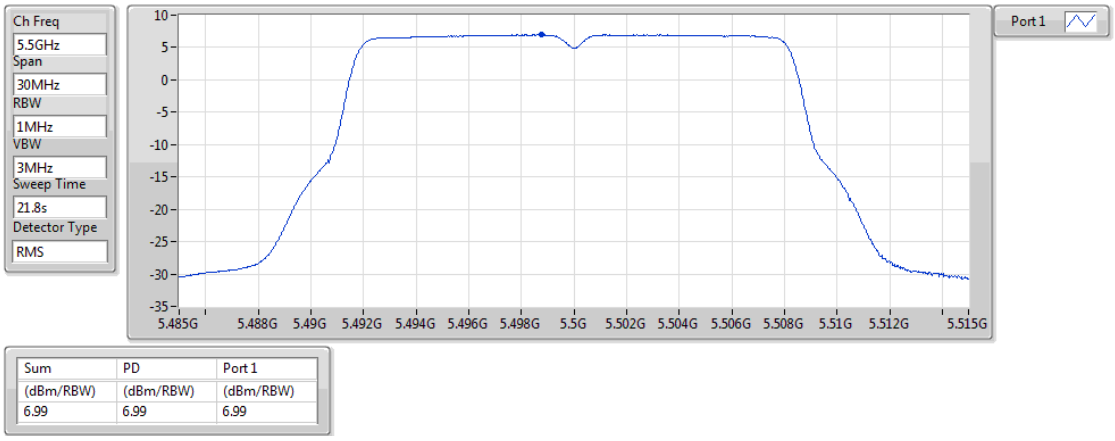
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.52	7.52	7.52

802.11a_Nss1,(6Mbps)_1TX **PSD**

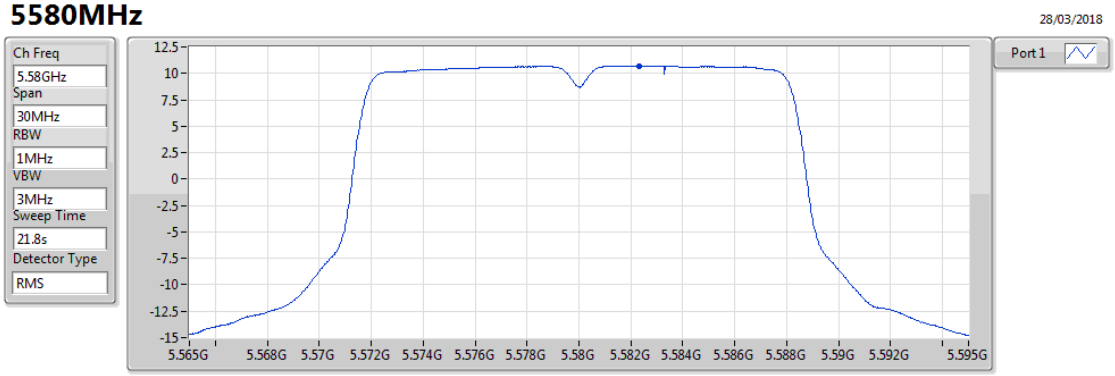
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	6.99

802.11a_Nss1,(6Mbps)_1TX **PSD**

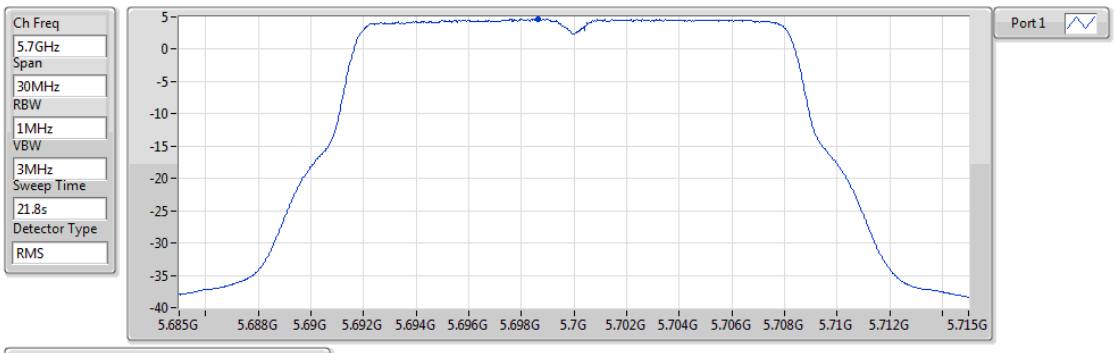
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	10.72

802.11a_Nss1,(6Mbps)_1TX **PSD**

5700MHz

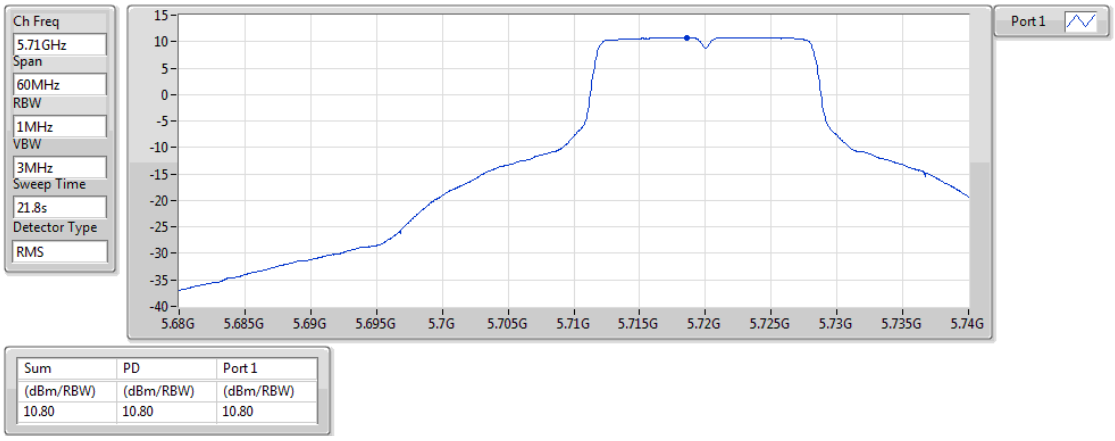


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	4.63

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

28/03/2018

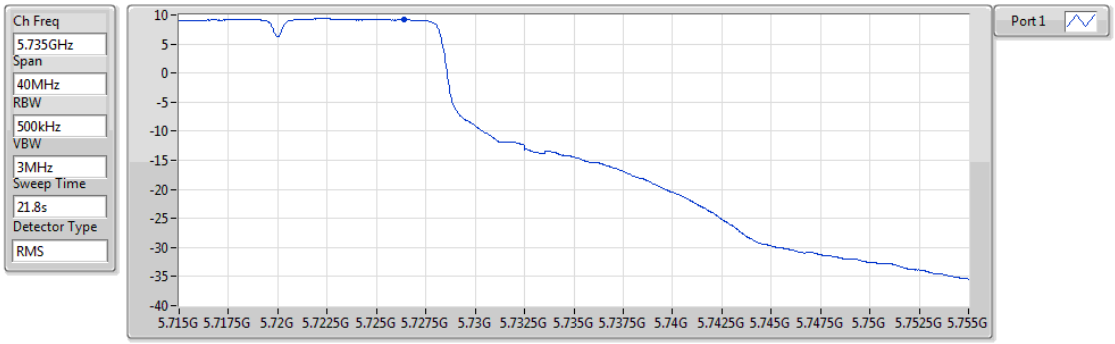


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	10.80

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

28/03/2018

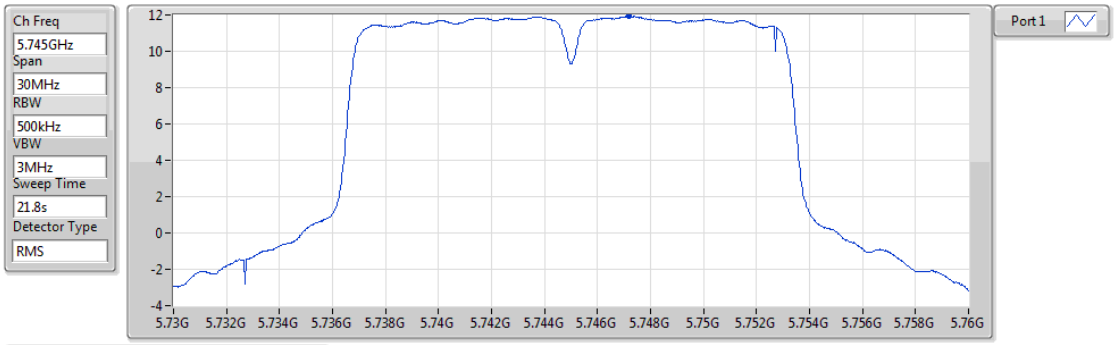


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	9.26

802.11a_Nss1,(6Mbps)_1TX **PSD**

5745MHz

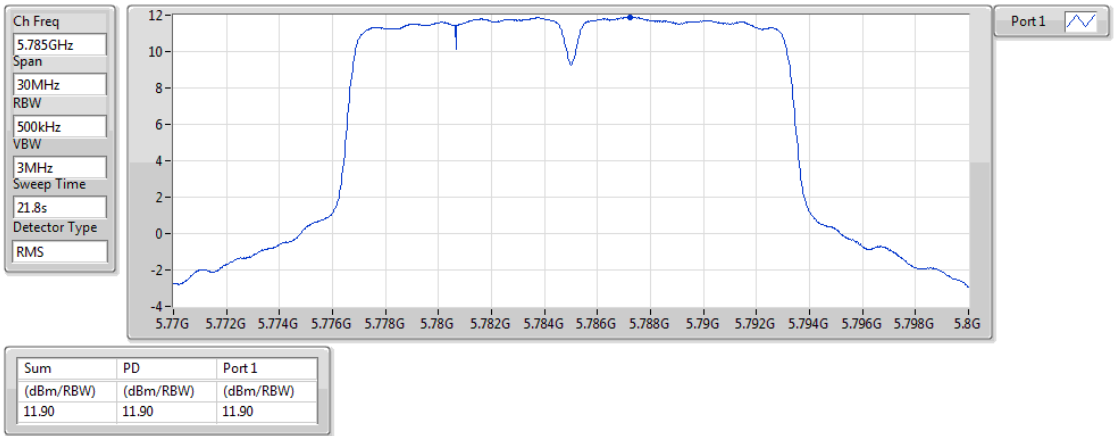
27/03/2018



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.93	11.93	11.93

802.11a_Nss1,(6Mbps)_1TX **PSD**

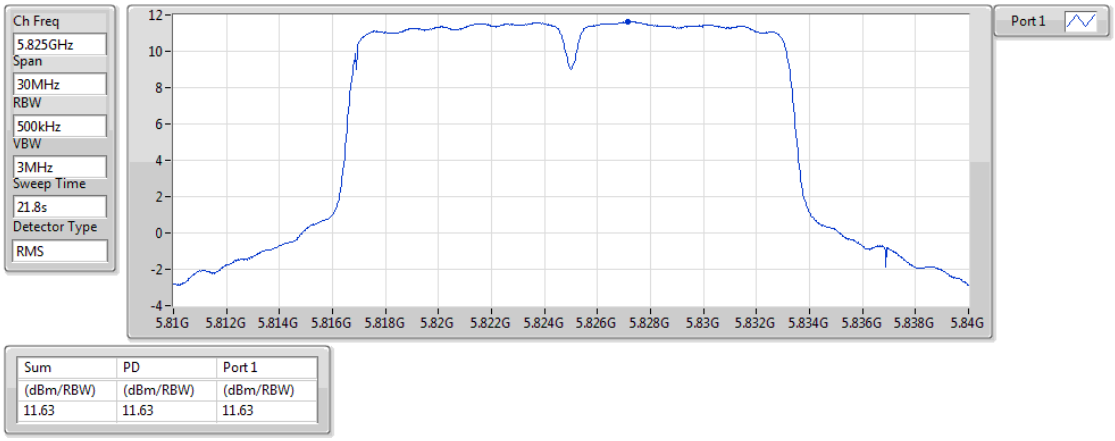
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.90	11.90	11.90

802.11a_Nss1,(6Mbps)_1TX **PSD**

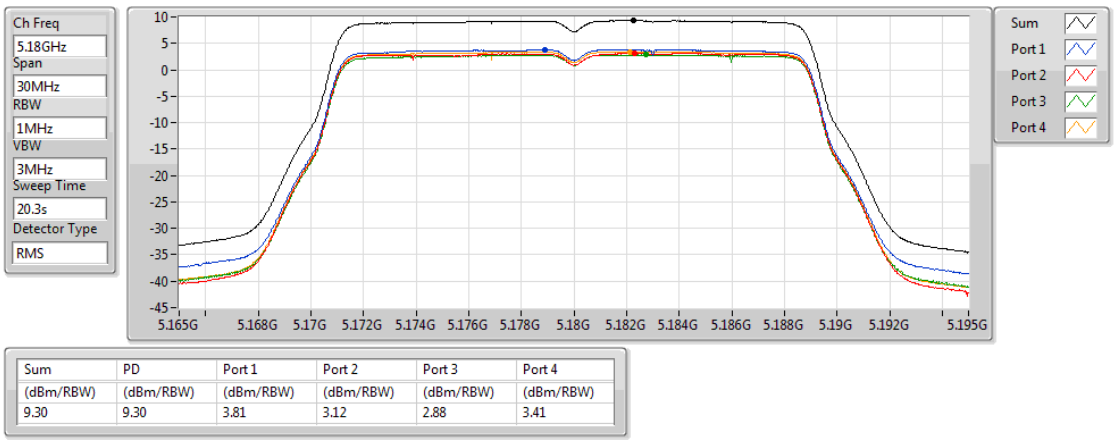
5825MHz



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

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

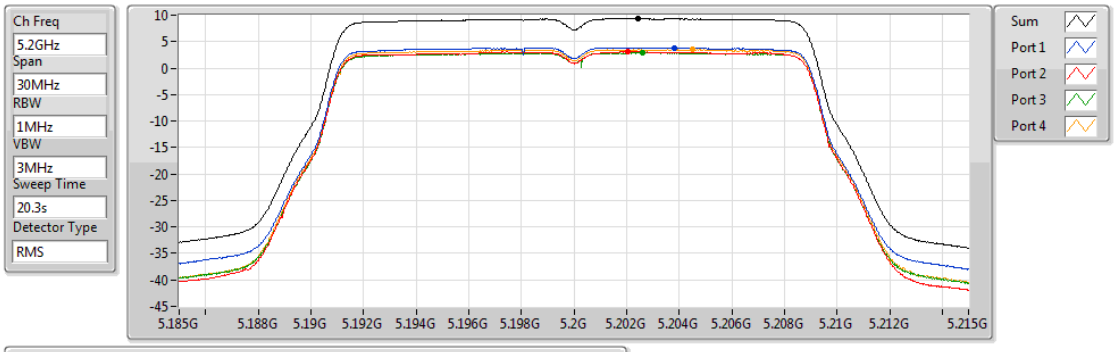
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	3.81	3.12	2.88	3.41

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

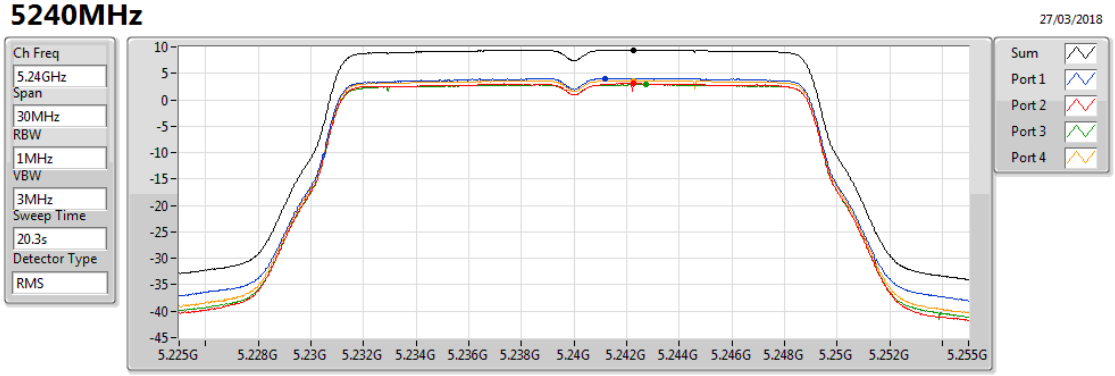
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	3.87	3.11	2.90	3.53

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

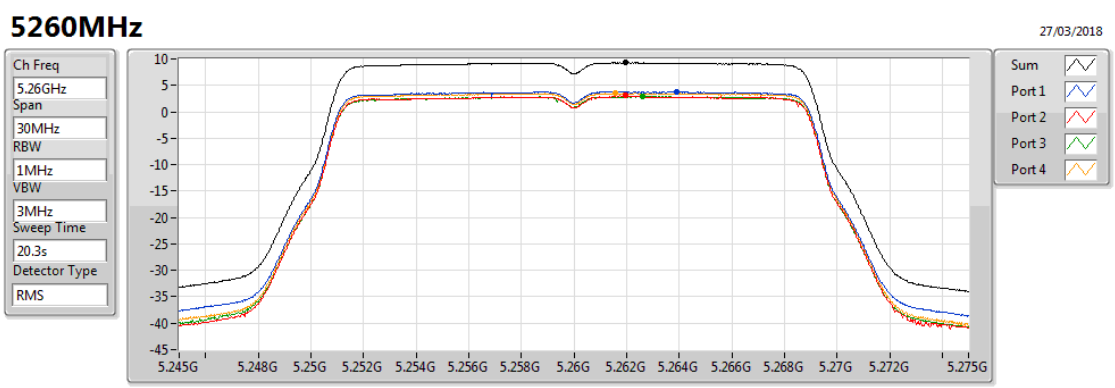
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	4.07	3.11	2.88	3.63

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

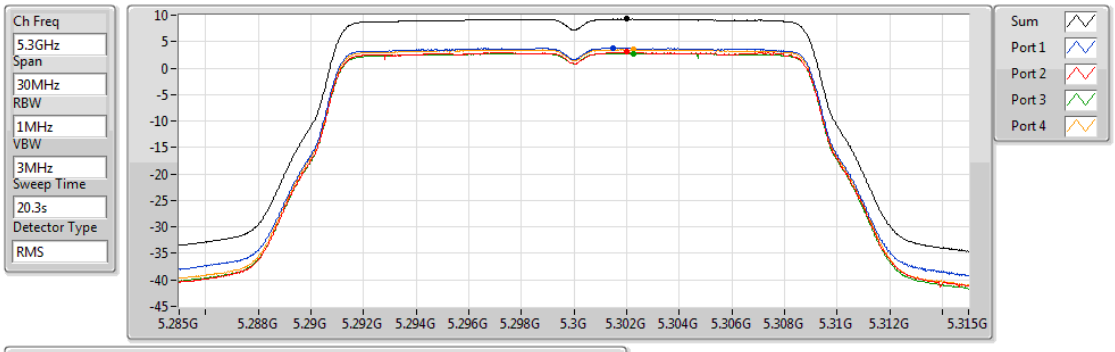
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	3.83	3.15	2.88	3.54

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

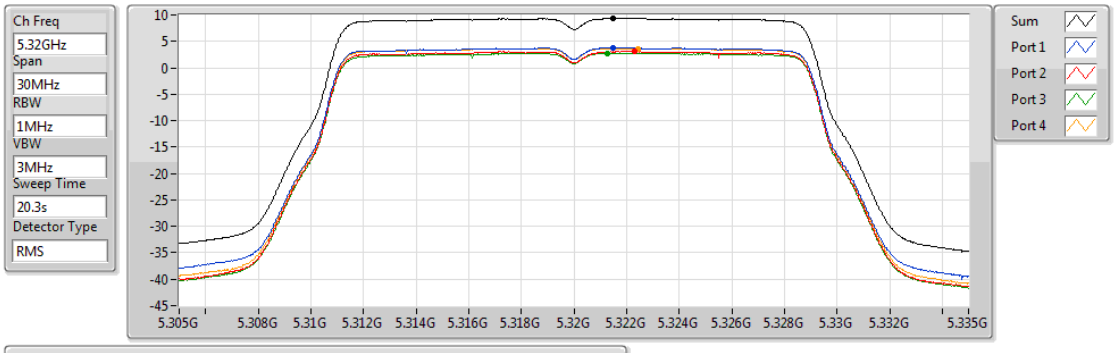
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.29	9.29	3.77	3.17	2.77	3.48

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

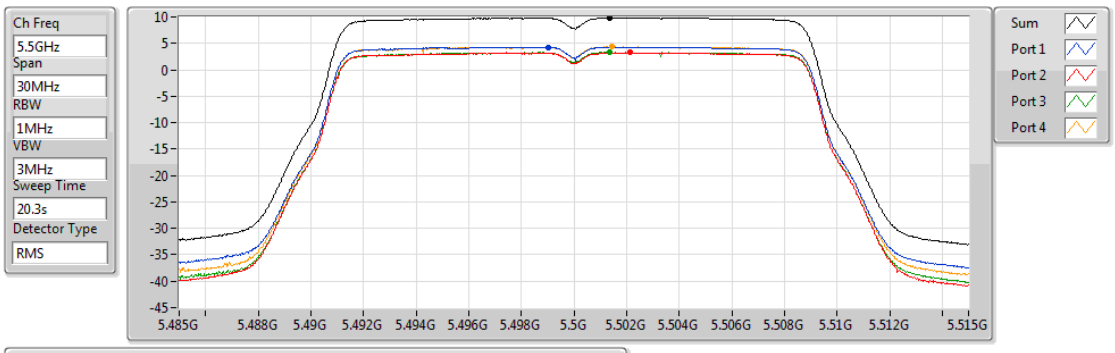
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	3.79	3.09	2.72	3.64

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

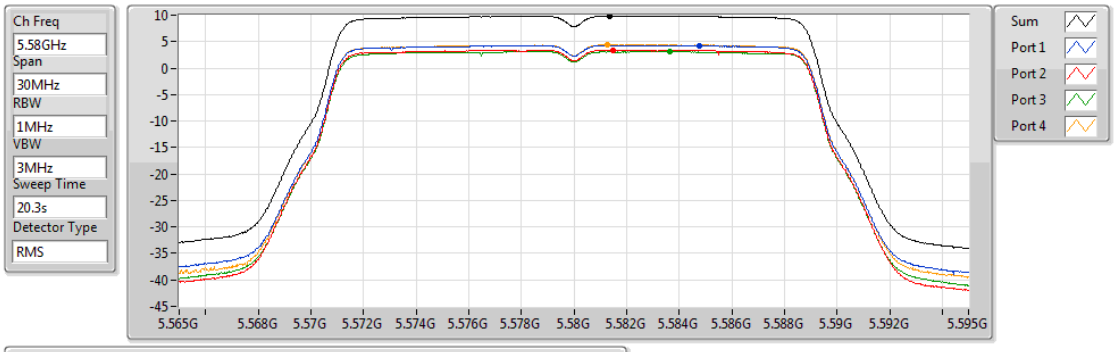
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	4.29	3.26	3.28	4.34

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

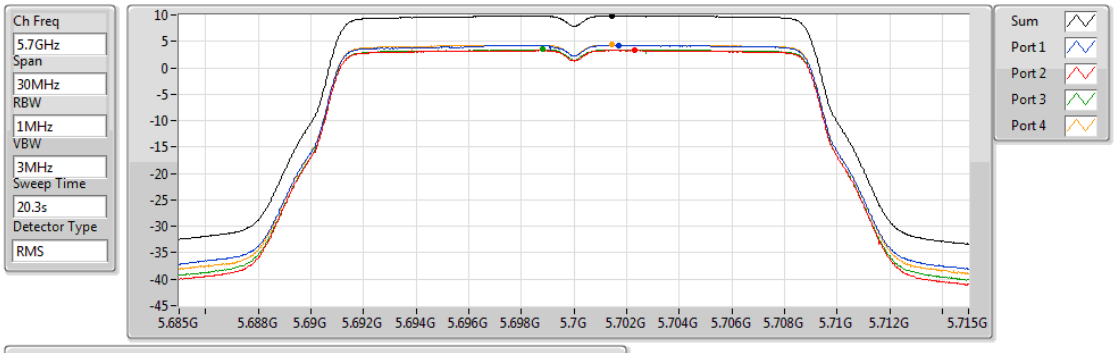
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	4.28	3.44	3.18	4.40

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

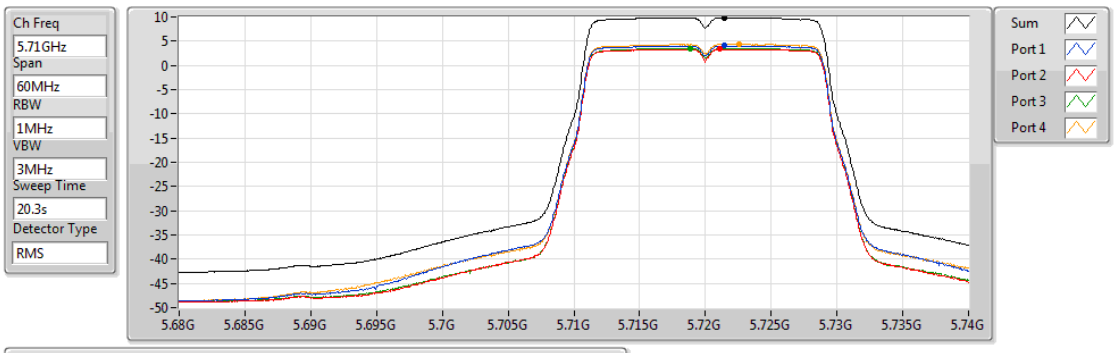
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	4.27	3.30	3.45	4.32

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

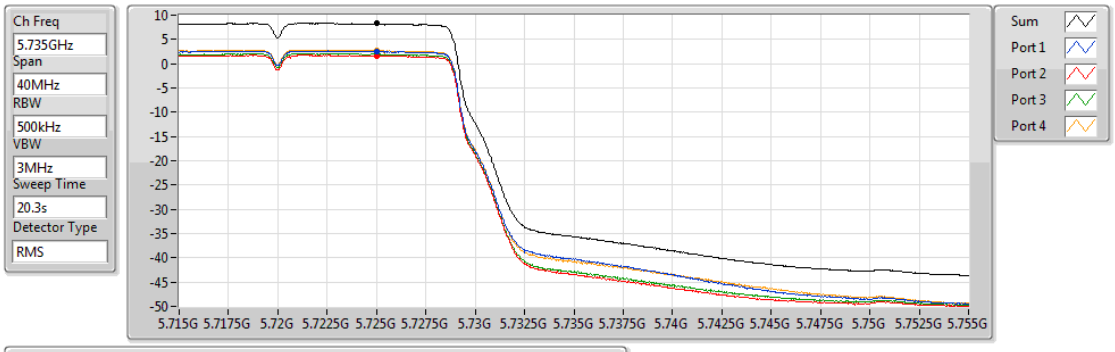
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	4.04	3.33	3.52	4.36

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

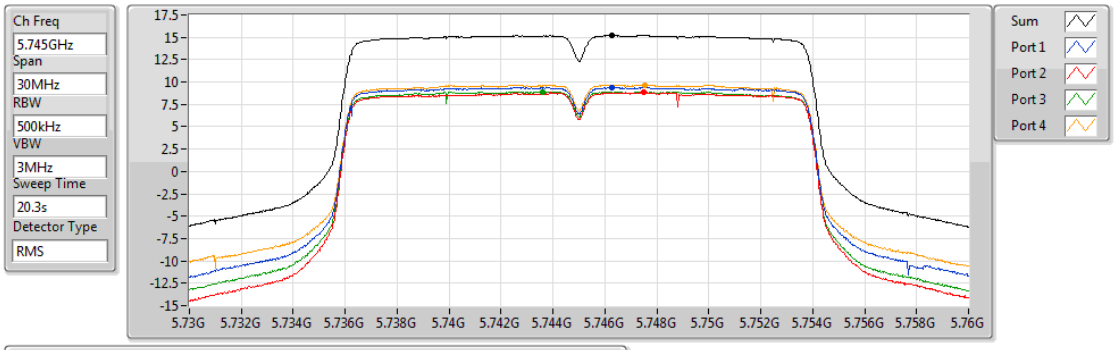
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	2.52	1.61	1.96	2.77

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

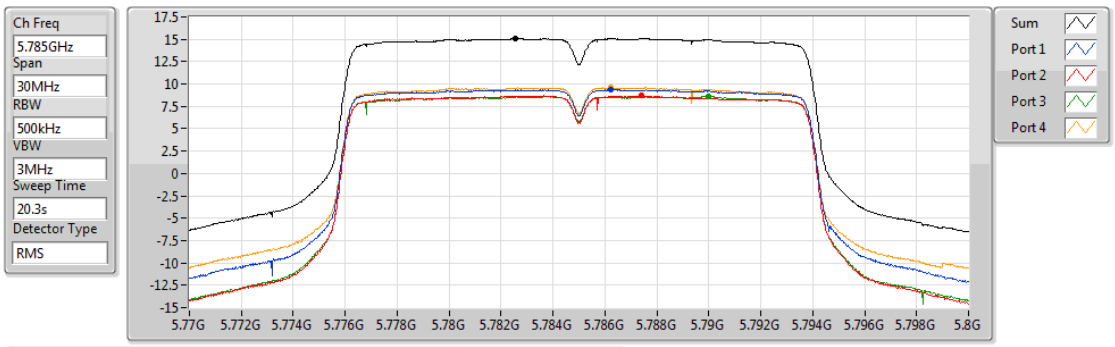
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.22	15.22	9.41	8.84	8.92	9.67

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

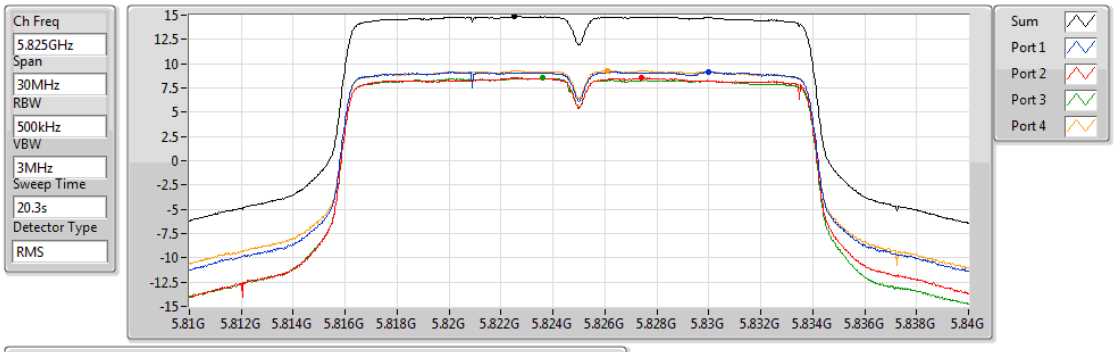
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.07	15.07	9.39	8.69	8.64	9.60

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

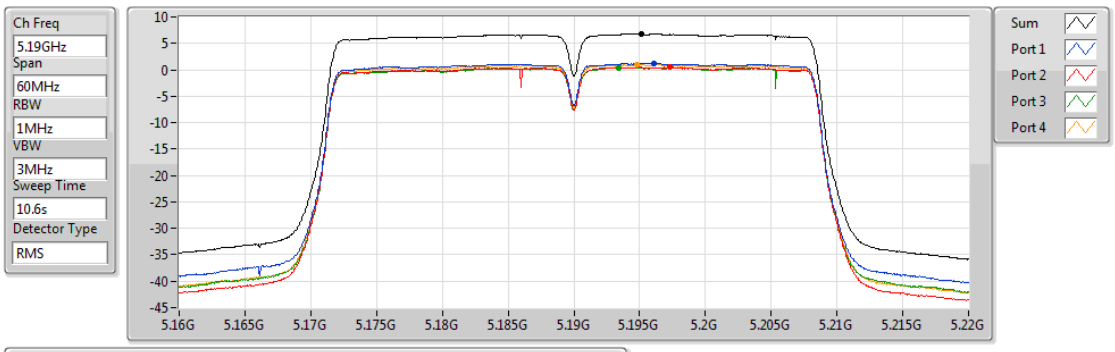
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.85	14.85	9.15	8.56	8.50	9.25

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

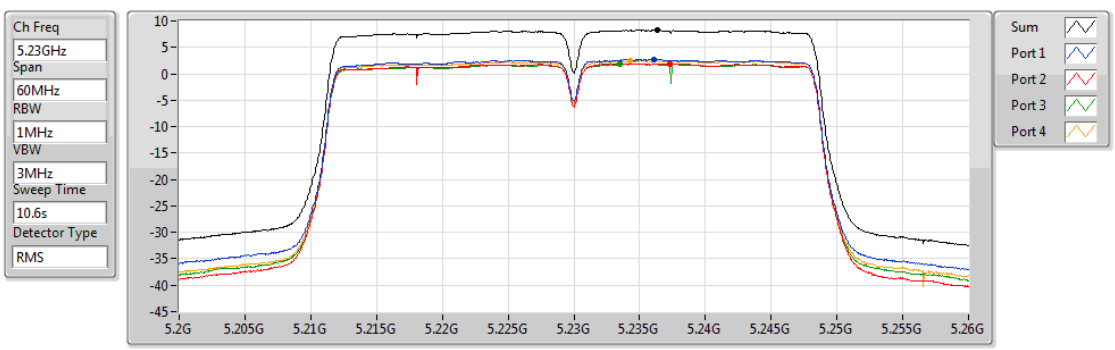
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	1.27	0.50	0.43	0.95

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

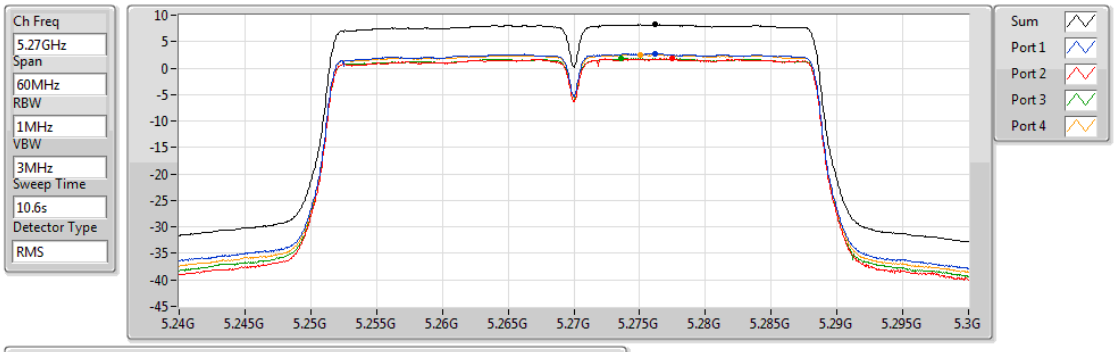
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.24	8.24	2.78	1.94	1.89	2.47

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

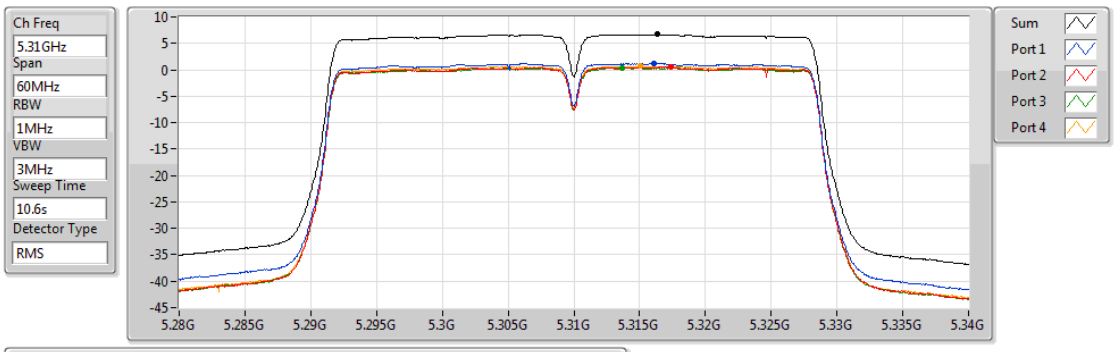
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	2.79	1.79	1.81	2.55

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

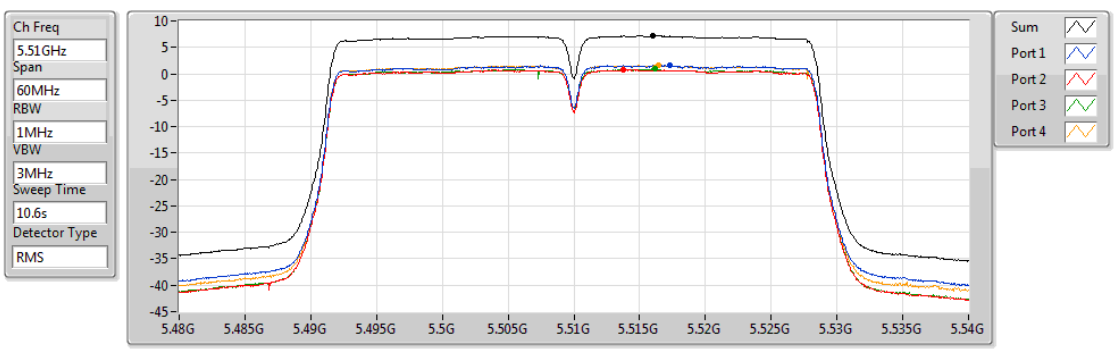
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.28	0.48	0.35	0.73

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

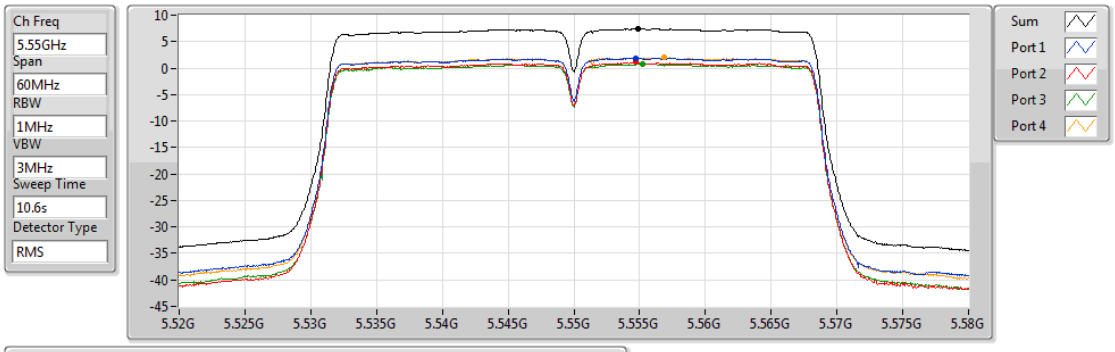
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	1.58	0.73	0.89	1.56

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

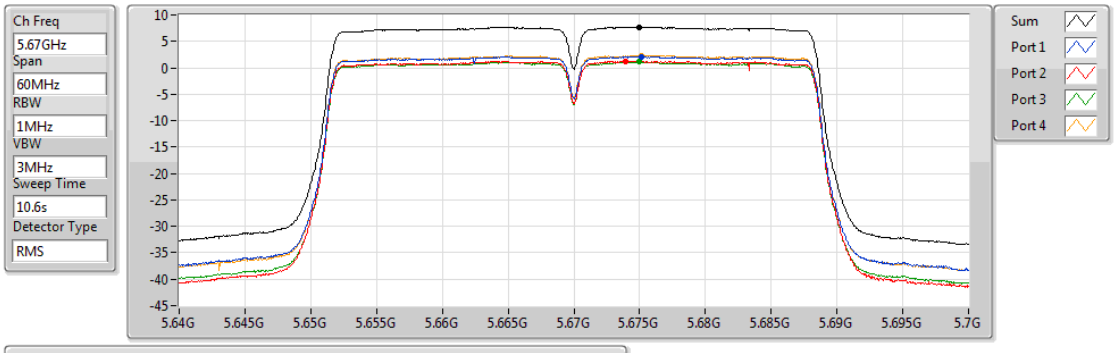
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.85	1.09	0.78	1.96

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

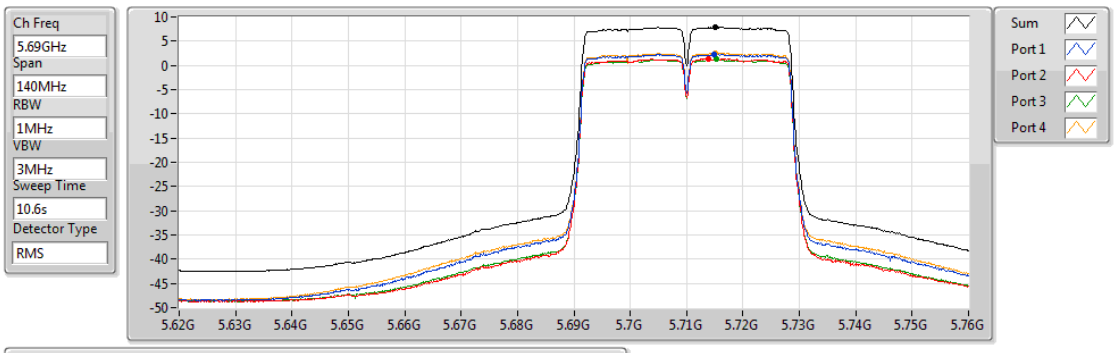
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	2.11	1.27	1.13	2.36

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

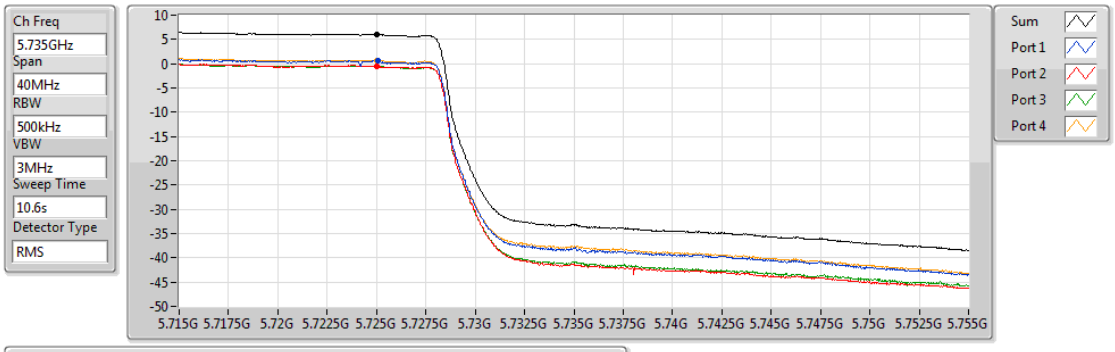


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	2.31	1.36	1.26	2.59

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.725-5.85GHz

28/03/2018

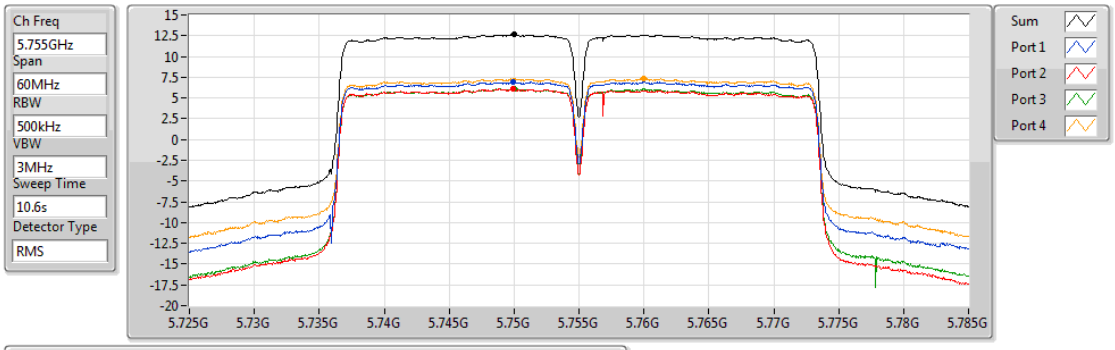


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.10	6.10	0.53	-0.57	-0.47	0.71

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

5755MHz

27/03/2018

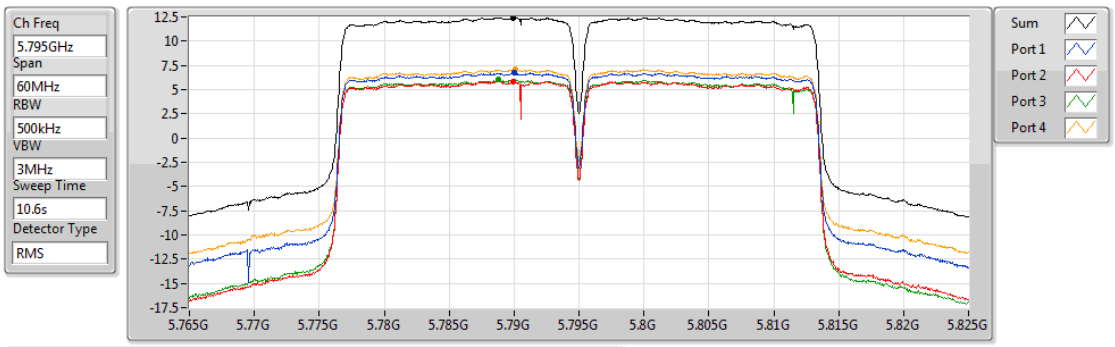


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.67	12.67	6.96	6.09	6.13	7.37

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

5795MHz

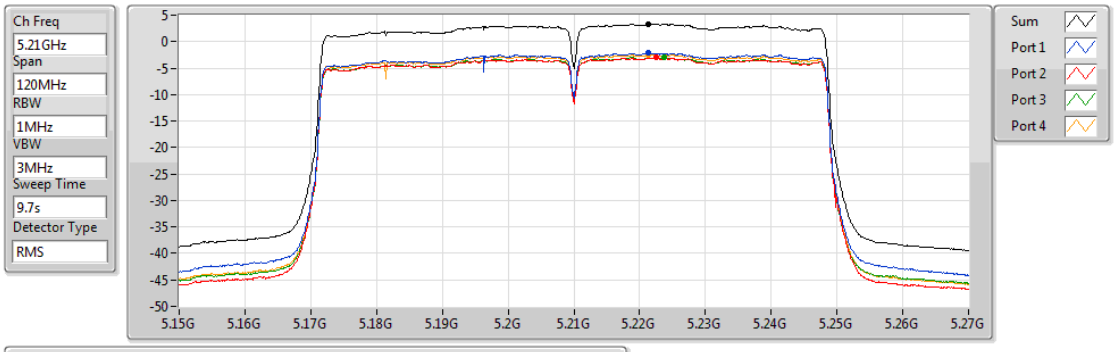
27/03/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.44	12.44	6.73	5.83	6.03	7.11

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

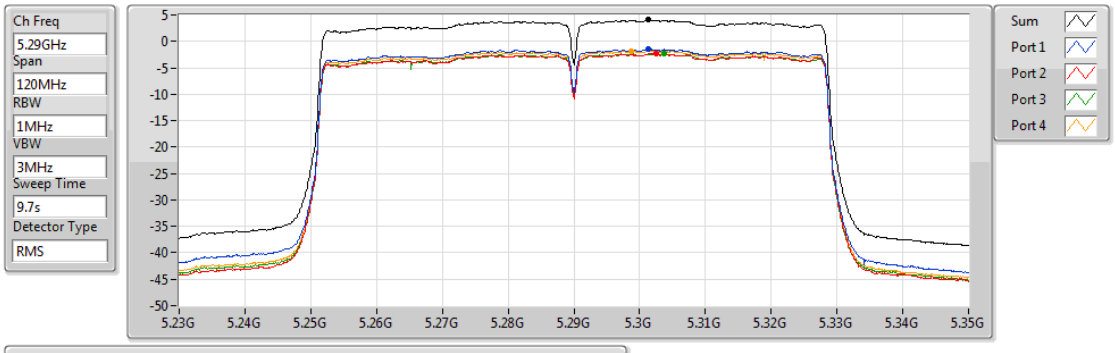
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	-2.05	-3.01	-2.93	-2.47

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

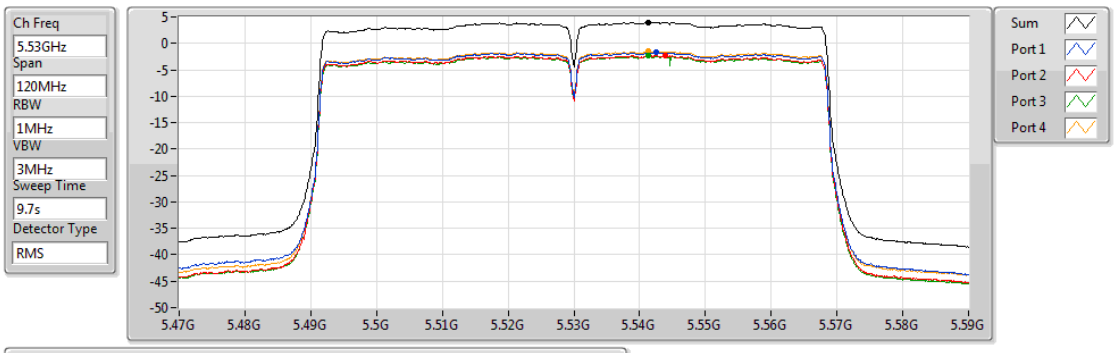
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.34	-2.29	-2.28	-1.82

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

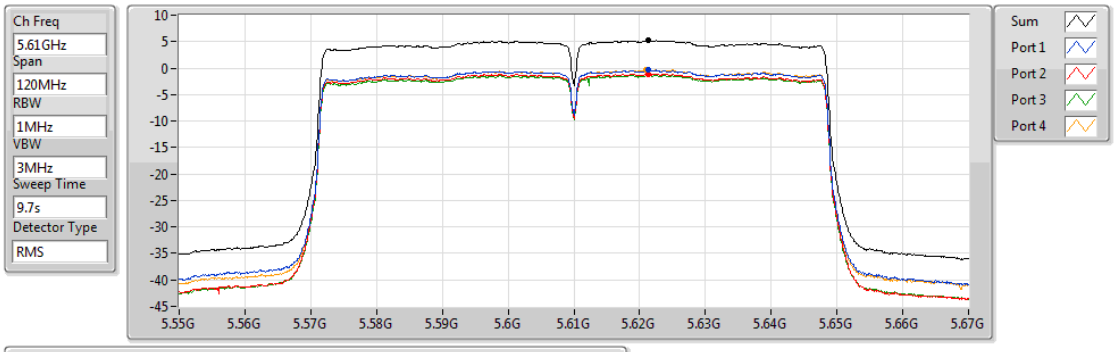
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	-1.72	-2.30	-2.41	-1.51

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

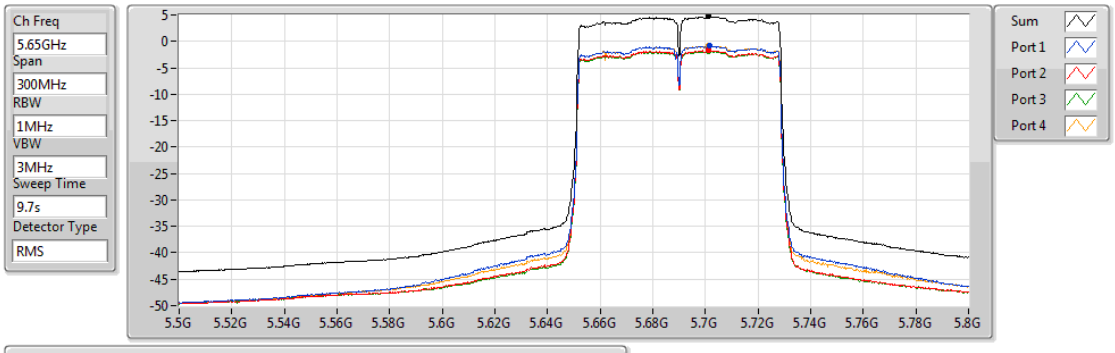
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	-0.39	-1.07	-1.27	-0.33

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

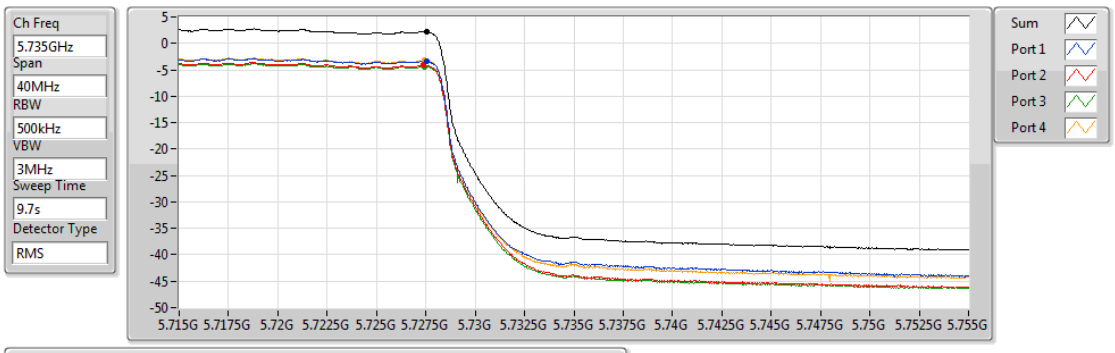
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	-0.89	-1.73	-1.90	-0.86

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

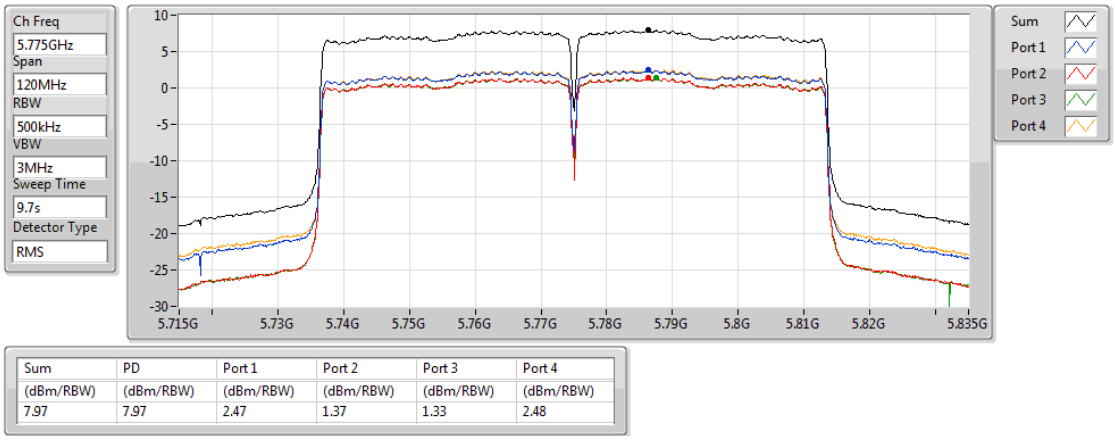
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.29	2.29	-3.34	-4.13	-4.35	-3.20

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

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	2.47	1.37	1.33	2.48

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.46	16.96
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.68	15.18
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.79	11.29
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.45	16.95
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.70	15.20
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.05	11.55
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.80	16.90
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	8.05	15.15
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.89	11.99
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.90	23.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.75	19.85
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	6.41	13.51

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

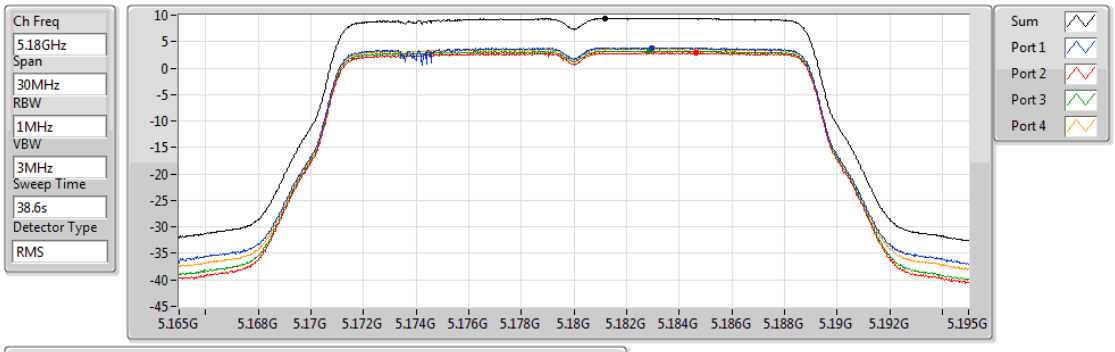
Result

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	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.50	3.86	2.92	3.25	3.67	9.41	9.50	16.91	17.00
5200MHz_TnomVnom	Pass	7.50	3.90	3.31	3.32	3.85	9.46	9.50	16.96	17.00
5240MHz_TnomVnom	Pass	7.50	3.82	3.27	3.07	3.45	9.30	9.50	16.80	17.00
5260MHz_TnomVnom	Pass	7.50	3.91	3.43	3.17	3.62	9.45	9.50	16.95	17.00
5300MHz_TnomVnom	Pass	7.50	3.78	3.33	3.22	3.51	9.31	9.50	16.81	17.00
5320MHz_TnomVnom	Pass	7.50	3.76	3.38	2.92	3.66	9.31	9.50	16.81	17.00
5500MHz_TnomVnom	Pass	7.10	4.54	3.05	3.36	4.37	9.80	9.90	16.90	17.00
5580MHz_TnomVnom	Pass	7.10	4.31	3.54	3.22	4.19	9.79	9.90	16.89	17.00
5700MHz_TnomVnom	Pass	7.10	4.24	3.06	3.23	4.42	9.72	9.90	16.82	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	3.98	3.02	3.00	4.11	9.52	9.90	16.62	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	2.41	1.44	1.39	2.50	7.91	28.90	15.01	36.00
5745MHz_TnomVnom	Pass	7.10	10.72	10.33	9.63	10.84	15.90	28.90	23.00	36.00
5785MHz_TnomVnom	Pass	7.10	10.28	9.81	9.30	10.09	15.50	28.90	22.60	36.00
5825MHz_TnomVnom	Pass	7.10	9.83	9.32	8.81	10.07	15.14	28.90	22.24	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.50	1.95	1.48	1.48	1.80	7.54	9.50	15.04	17.00
5230MHz_TnomVnom	Pass	7.50	2.33	1.51	1.43	1.89	7.68	9.50	15.18	17.00
5270MHz_TnomVnom	Pass	7.50	2.29	1.60	1.51	1.82	7.70	9.50	15.20	17.00
5310MHz_TnomVnom	Pass	7.50	1.61	0.94	0.89	1.17	7.07	9.50	14.57	17.00
5510MHz_TnomVnom	Pass	7.10	0.95	0.03	0.13	0.93	6.43	9.90	13.53	17.00
5550MHz_TnomVnom	Pass	7.10	2.00	1.14	0.92	1.69	7.34	9.90	14.44	17.00
5670MHz_TnomVnom	Pass	7.10	2.75	1.48	1.63	2.71	8.05	9.90	15.15	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	1.45	0.36	0.57	1.69	6.98	9.90	14.08	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	-0.34	-1.51	-1.31	-0.21	5.16	28.90	12.26	36.00
5755MHz_TnomVnom	Pass	7.10	7.85	6.77	6.56	7.68	12.75	28.90	19.85	36.00
5795MHz_TnomVnom	Pass	7.10	7.18	6.29	6.06	7.46	12.33	28.90	19.43	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.50	-1.86	-2.47	-2.41	-1.79	3.79	9.50	11.29	17.00
5290MHz_TnomVnom	Pass	7.50	-1.44	-1.86	-2.23	-1.72	4.05	9.50	11.55	17.00
5530MHz_TnomVnom	Pass	7.10	-1.50	-2.08	-2.28	-1.56	4.07	9.90	11.17	17.00
5610MHz_TnomVnom	Pass	7.10	-0.62	-1.37	-1.56	-0.47	4.89	9.90	11.99	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.10	-1.61	-2.72	-2.52	-1.59	3.79	9.90	10.89	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.10	-3.91	-5.12	-4.73	-3.76	1.52	28.90	8.62	36.00
5775MHz_TnomVnom	Pass	7.10	0.99	0.40	0.28	1.43	6.41	28.90	13.51	36.00

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**

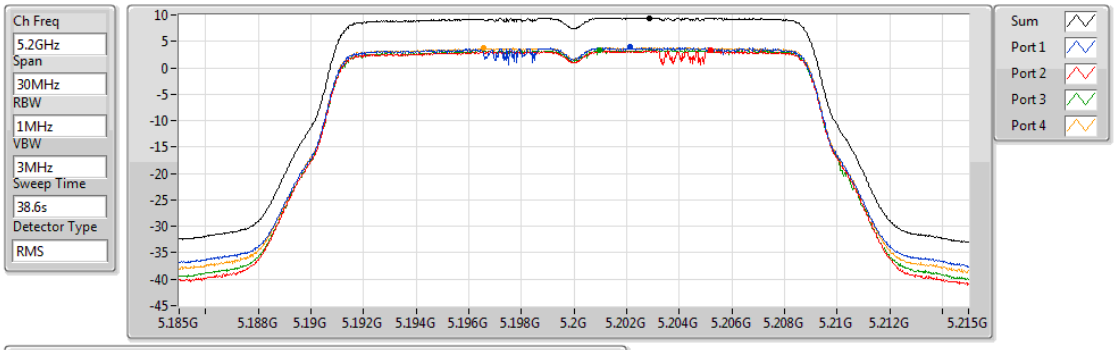
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	3.86	2.92	3.25	3.67

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

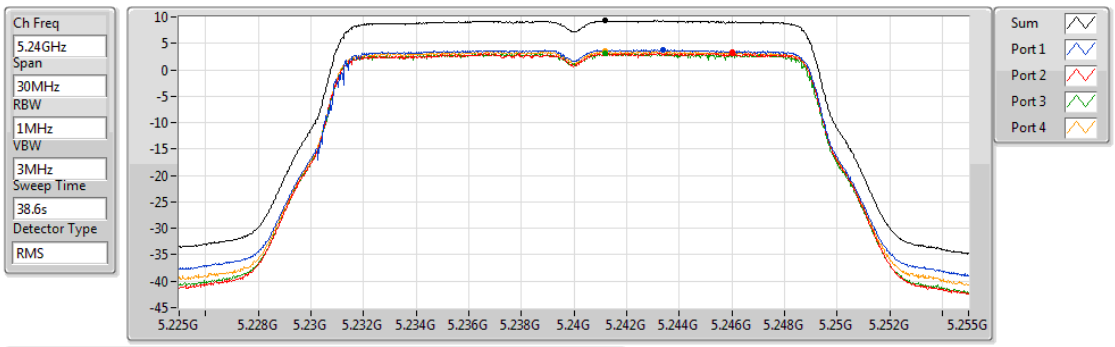
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46	3.90	3.31	3.32	3.85

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

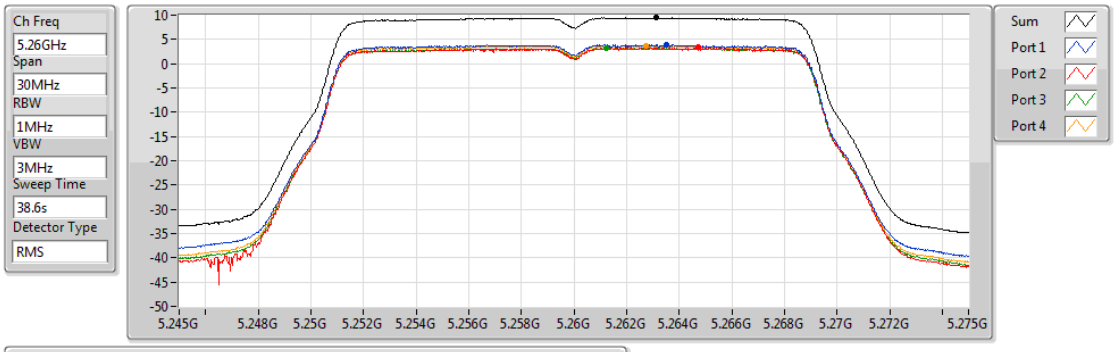
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.30	9.30	3.82	3.27	3.07	3.45

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

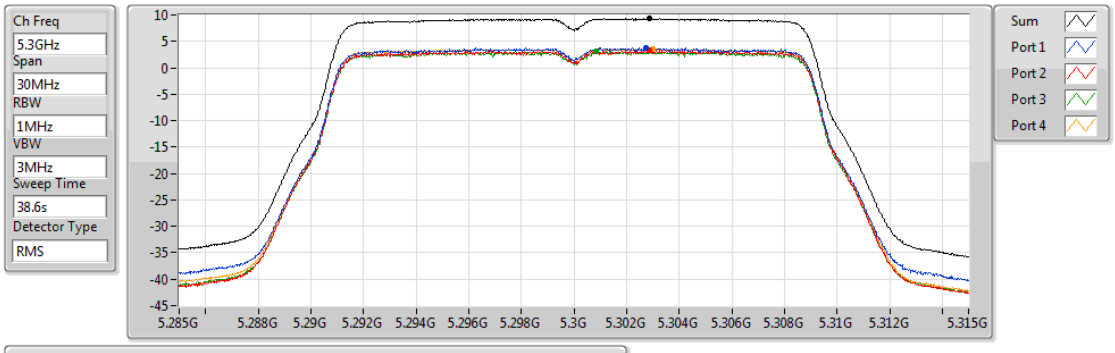
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.45	9.45	3.91	3.43	3.17	3.62

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

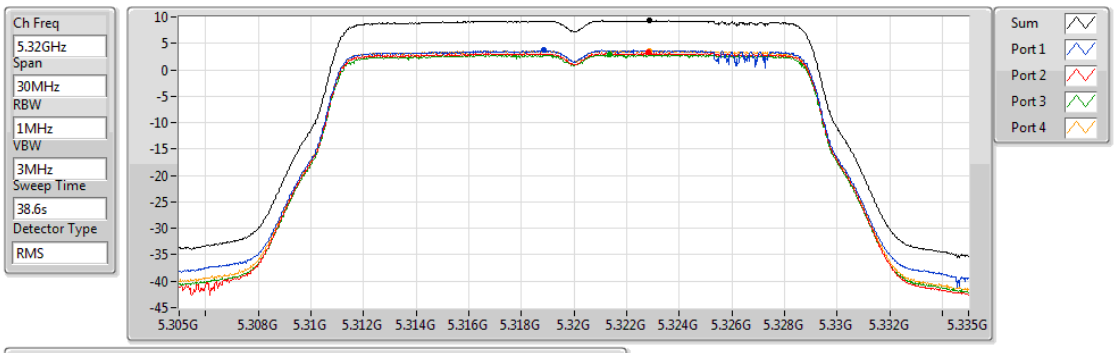
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.31	9.31	3.78	3.33	3.22	3.51

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

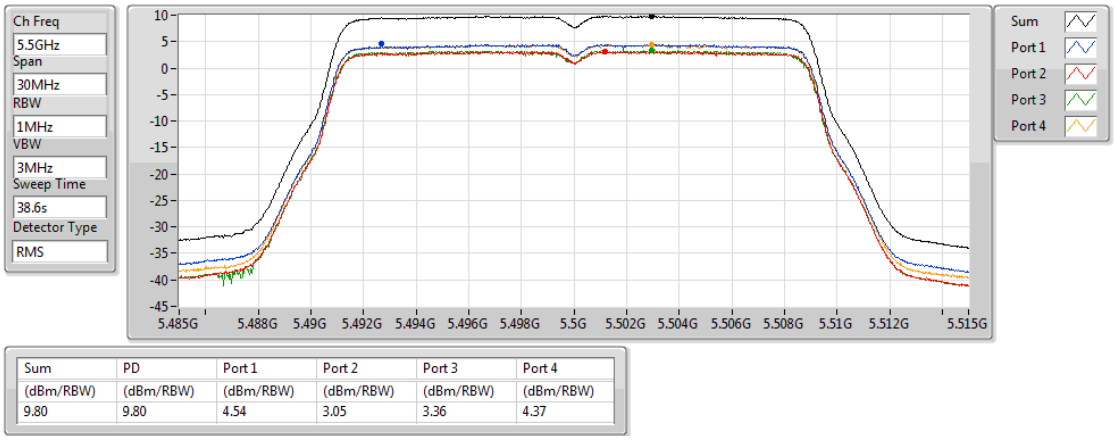
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.31	9.31	3.76	3.38	2.92	3.66

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

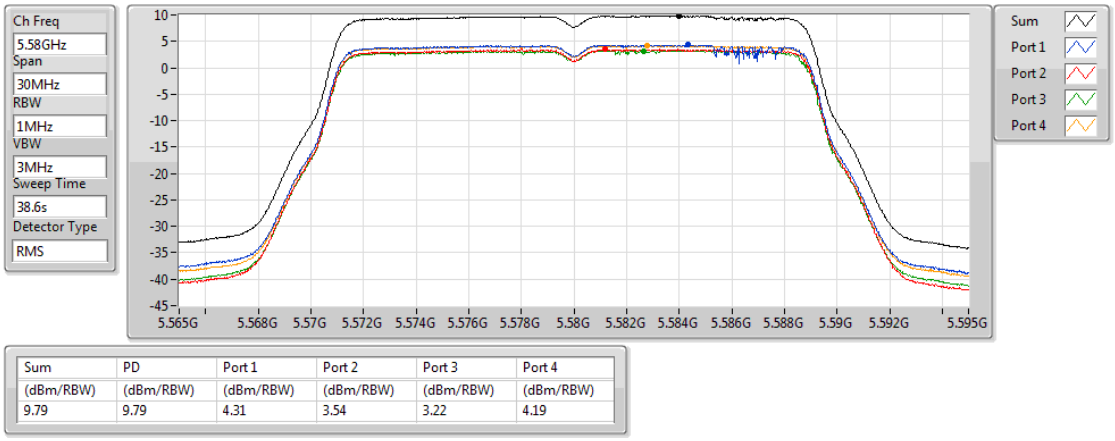
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.80	9.80	4.54	3.05	3.36	4.37

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

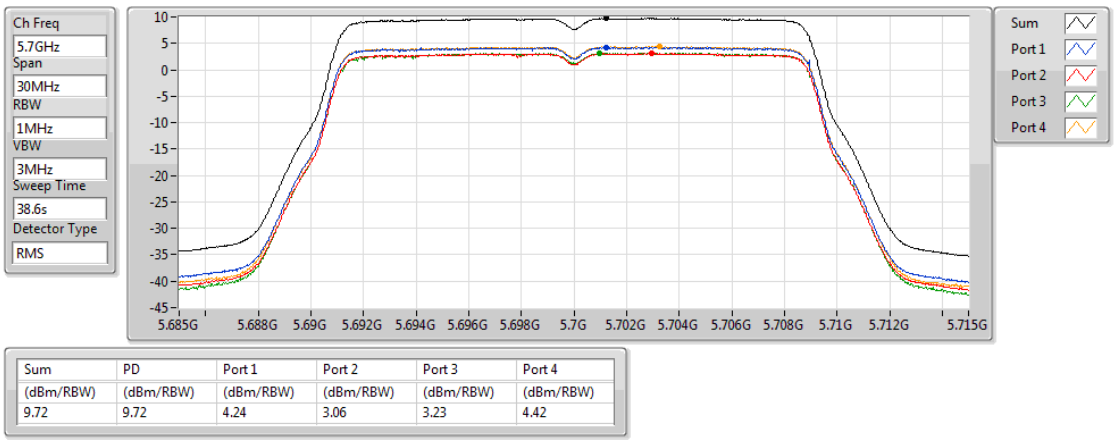
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	4.31	3.54	3.22	4.19

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

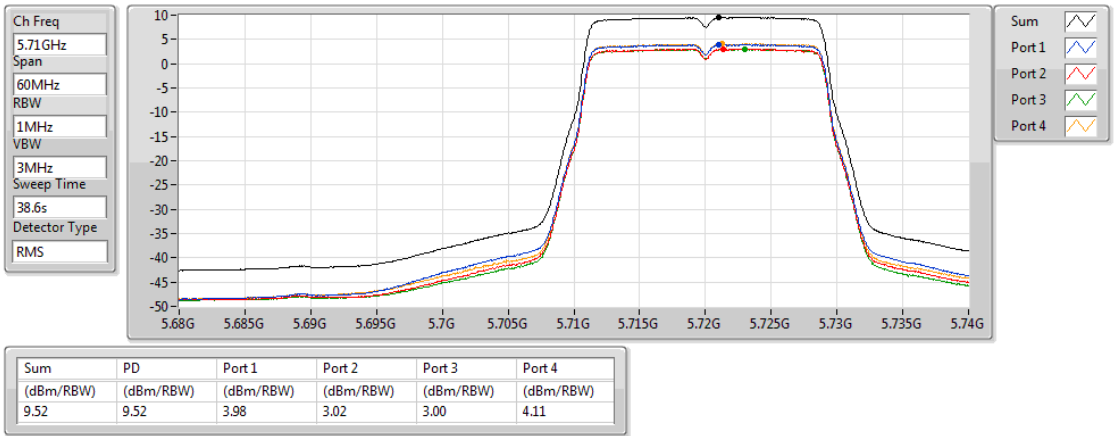
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	4.24	3.06	3.23	4.42

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

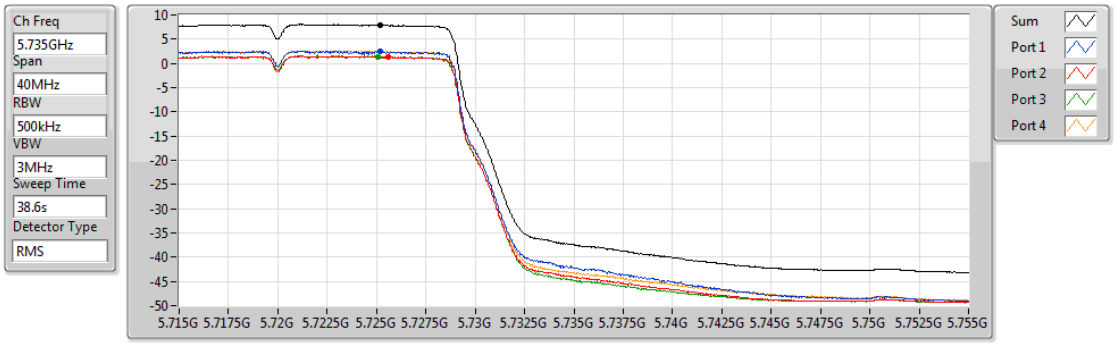
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.52	9.52	3.98	3.02	3.00	4.11

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

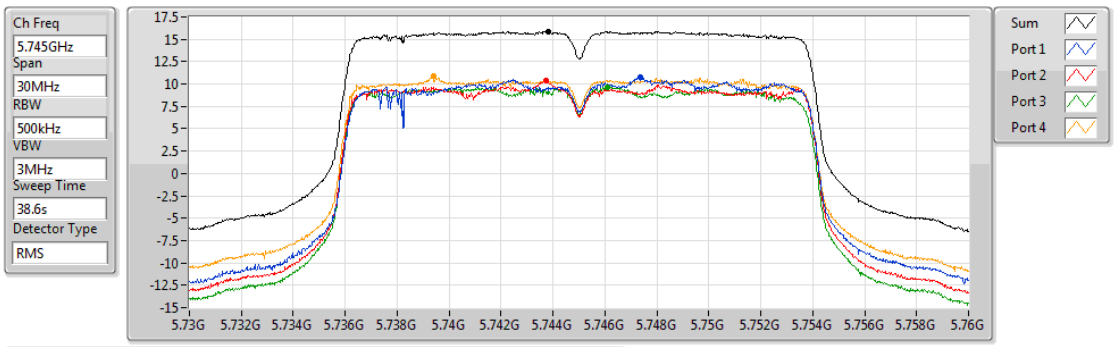
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	2.41	1.44	1.39	2.50

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

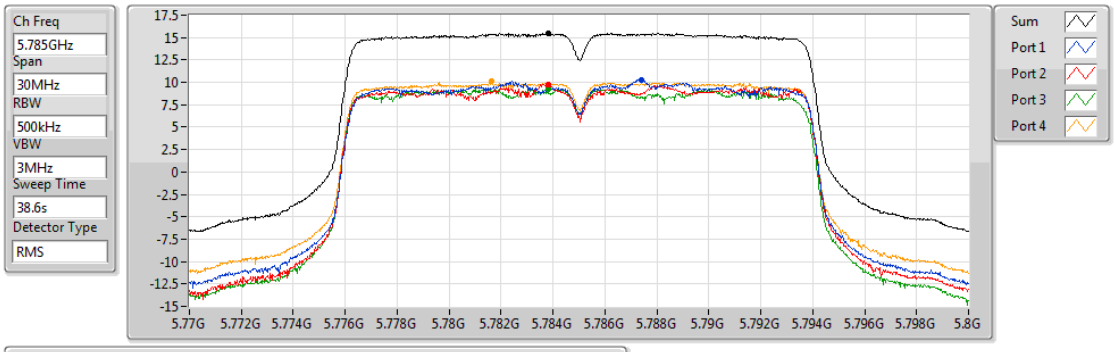
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.90	15.90	10.72	10.33	9.63	10.84

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

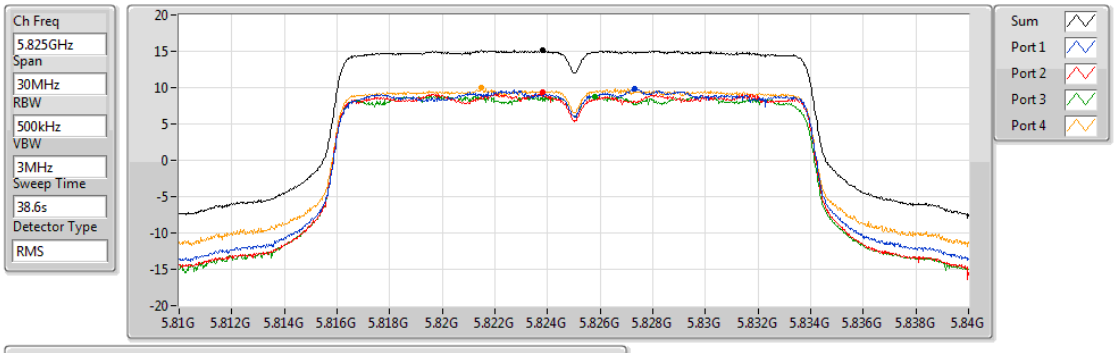
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.50	15.50	10.28	9.81	9.30	10.09

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

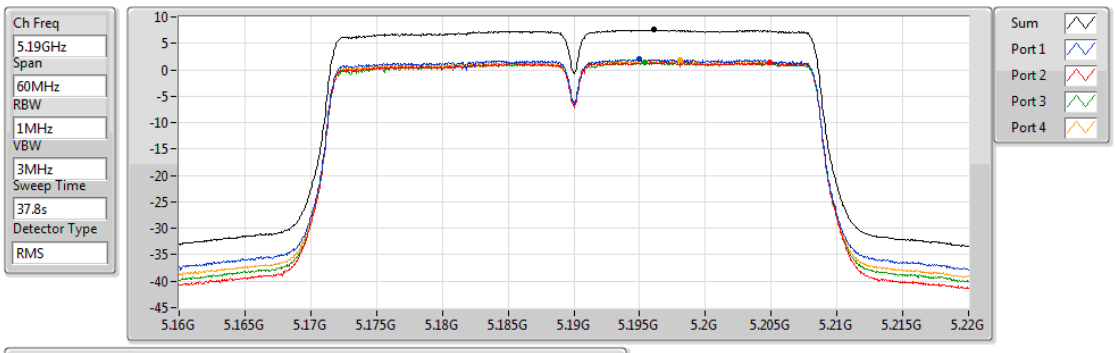
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.14	15.14	9.83	9.32	8.81	10.07

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

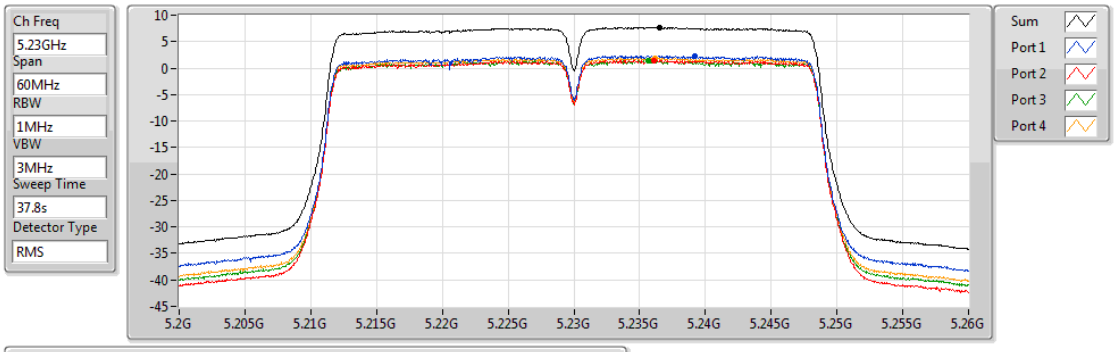
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.95	1.48	1.48	1.80

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

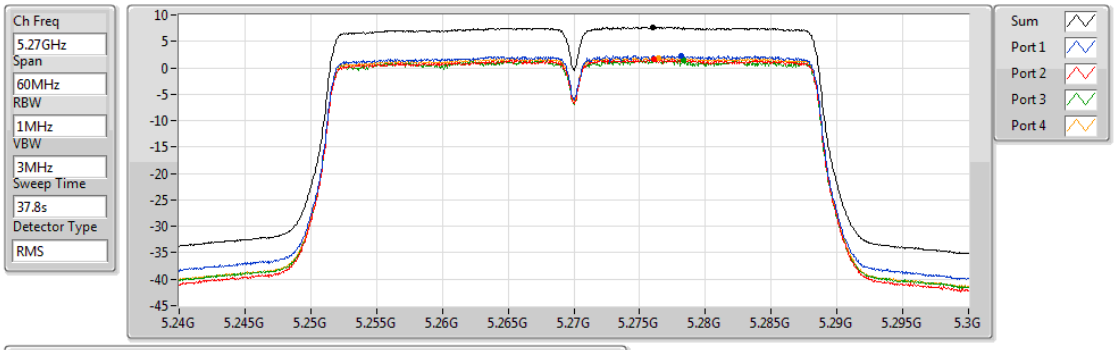
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	2.33	1.51	1.43	1.89

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

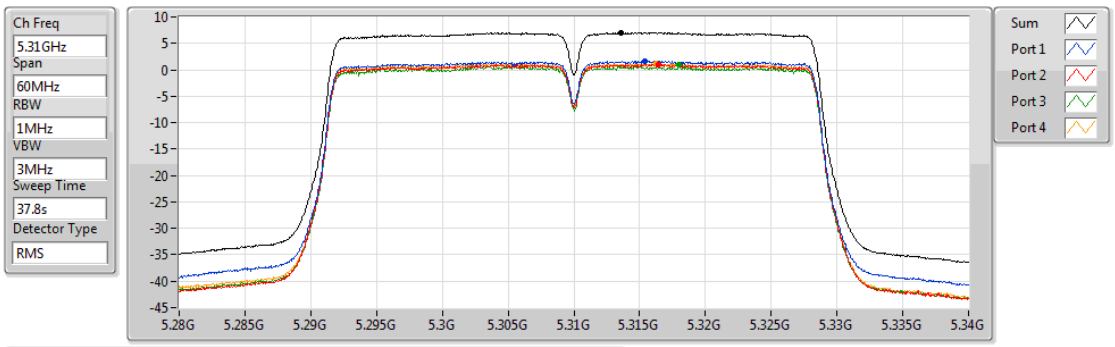
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.70	7.70	2.29	1.60	1.51	1.82

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

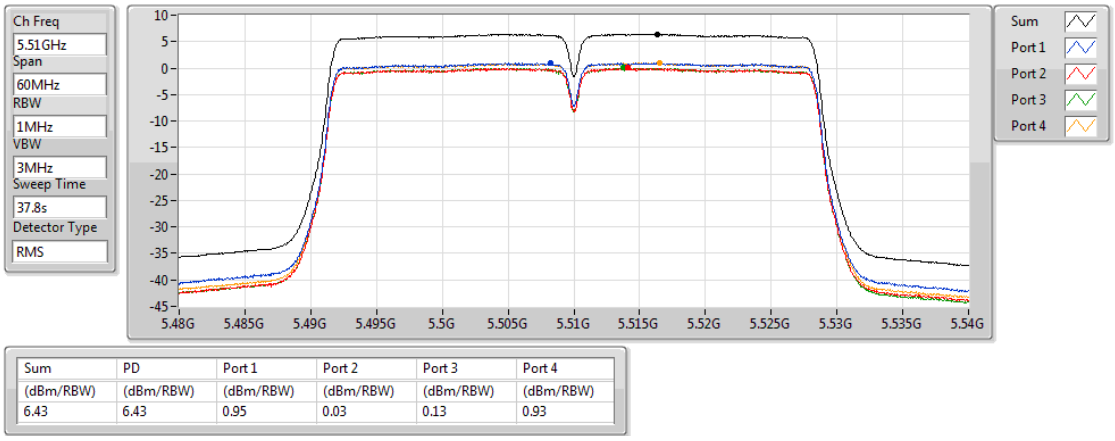
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	1.61	0.94	0.89	1.17

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

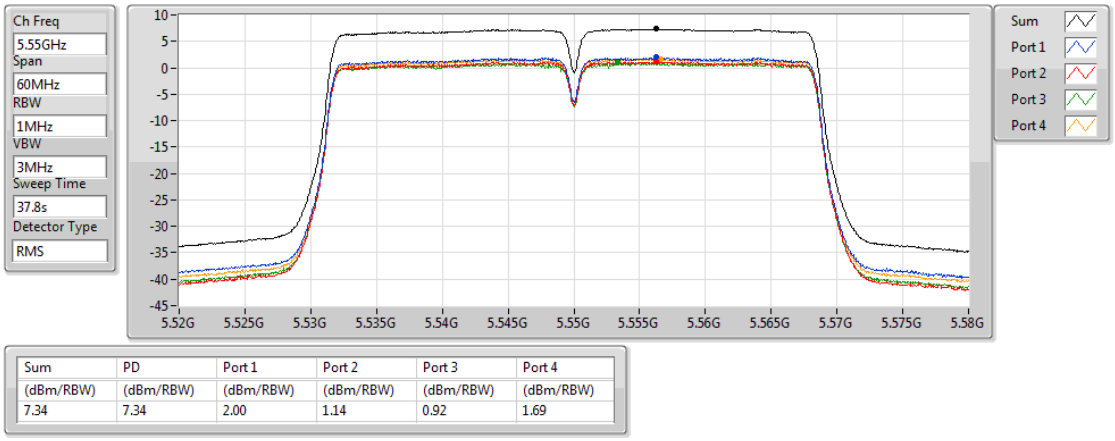
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	0.95	0.03	0.13	0.93

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

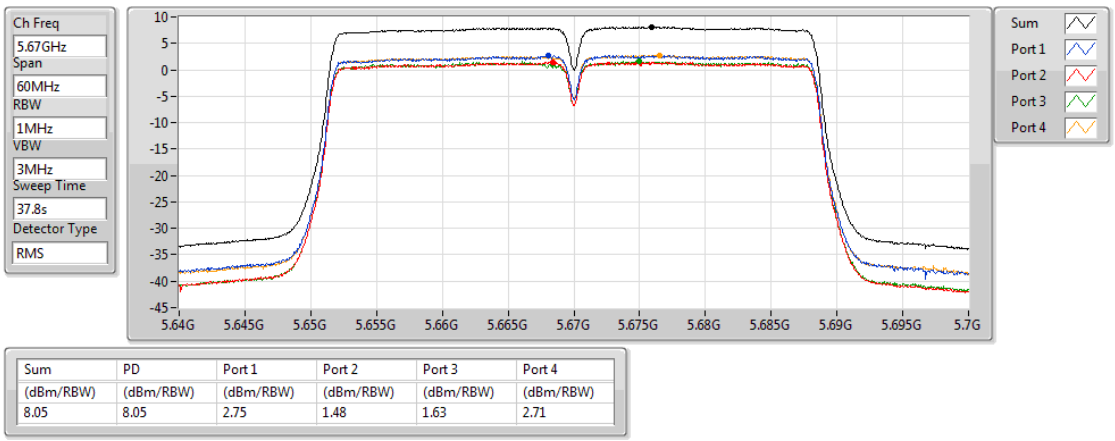
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.34	7.34	2.00	1.14	0.92	1.69

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

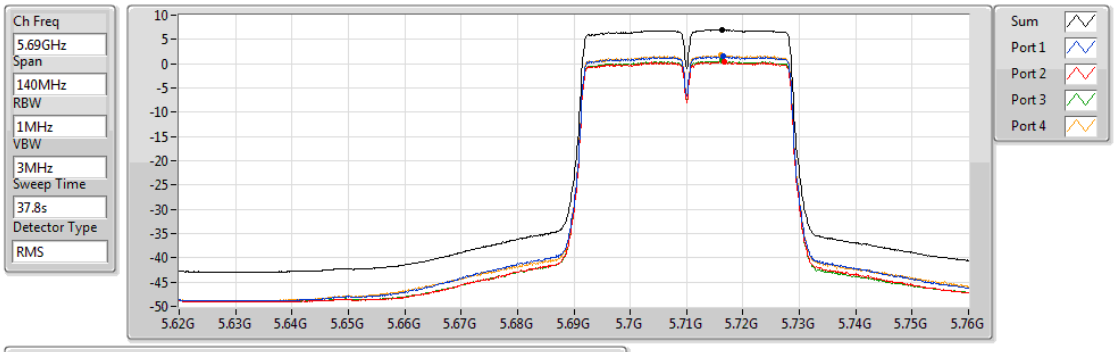


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	2.75	1.48	1.63	2.71

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.47-5.725GHz

29/03/2018

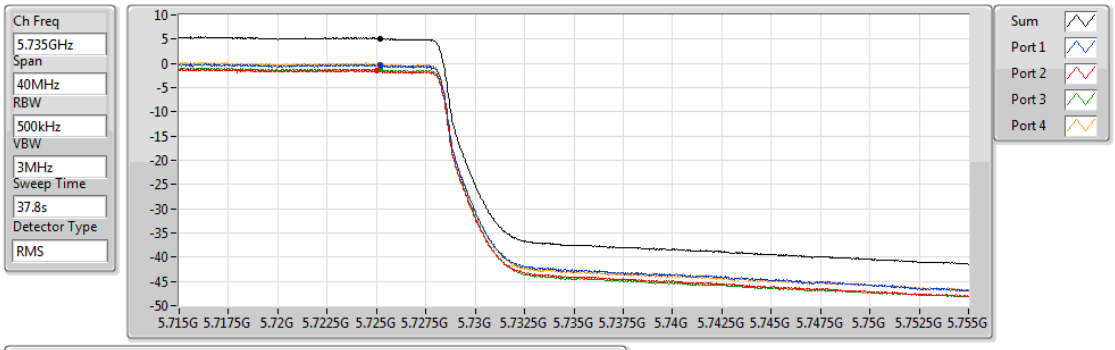


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	1.45	0.36	0.57	1.69

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.725-5.85GHz

29/03/2018

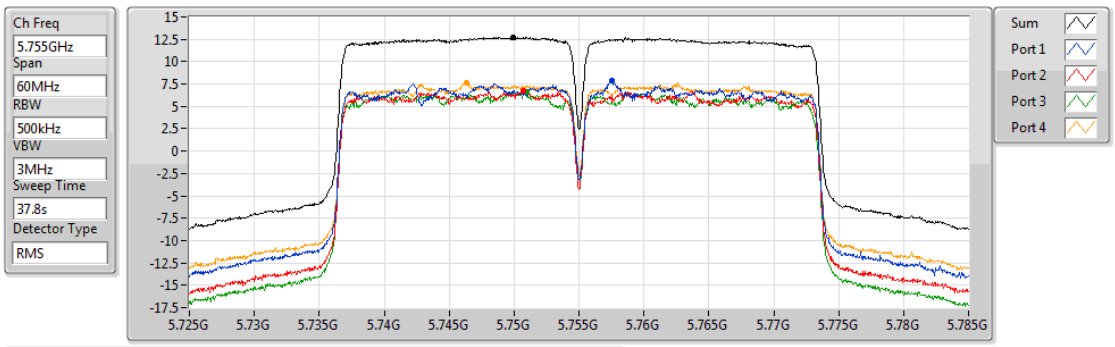


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-0.34	-1.51	-1.31	-0.21

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

5755MHz

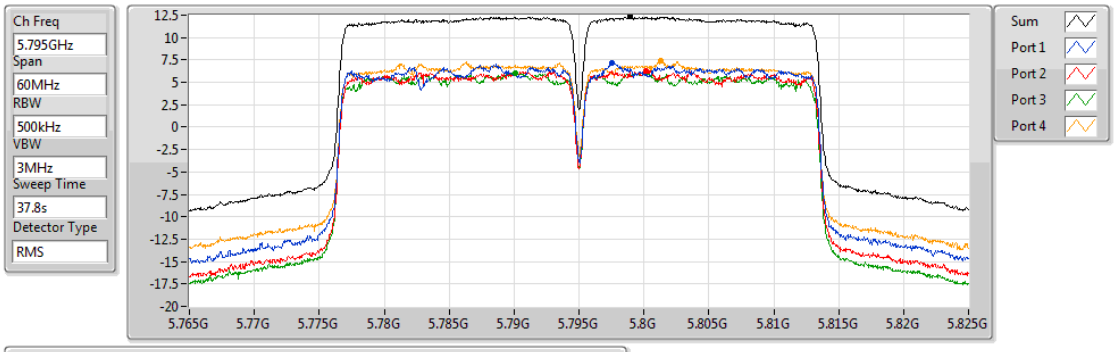
29/03/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.75	12.75	7.85	6.77	6.56	7.68

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

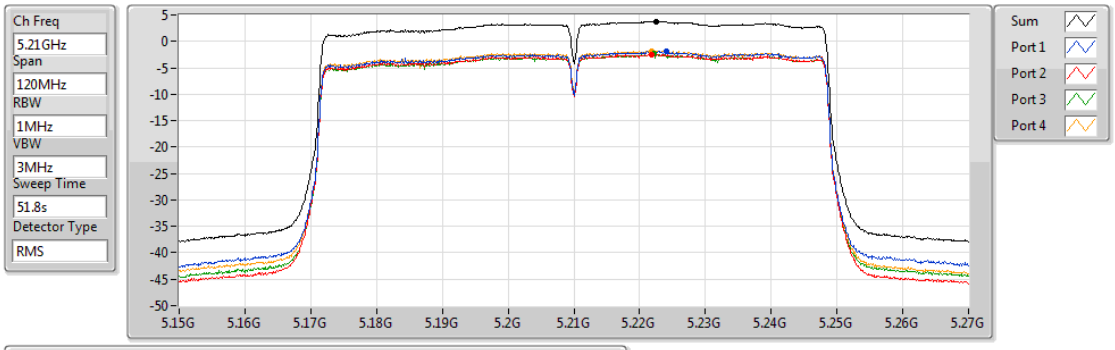
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	7.18	6.29	6.06	7.46

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

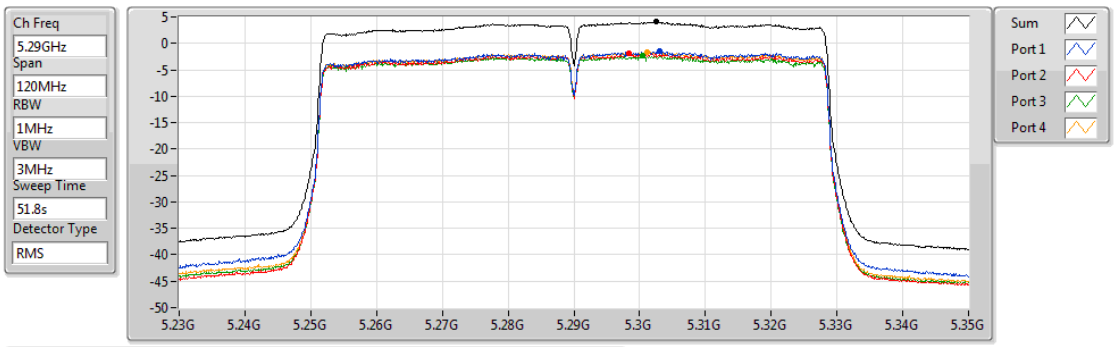
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-1.86	-2.47	-2.41	-1.79

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

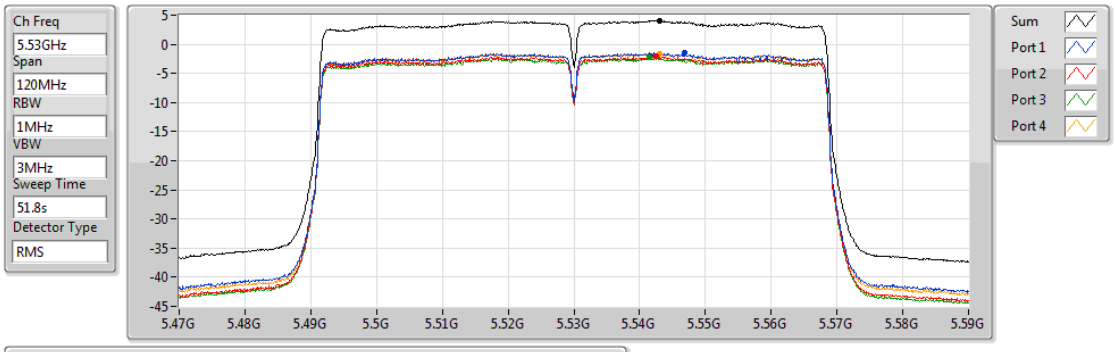
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	-1.44	-1.86	-2.23	-1.72

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

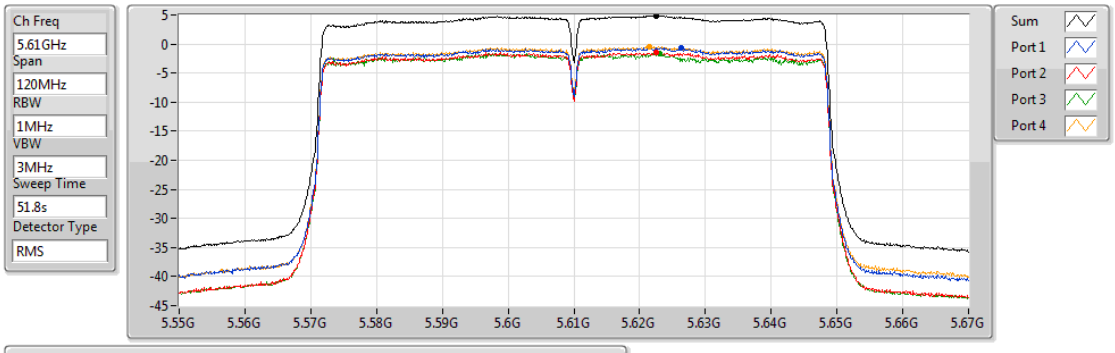
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-1.50	-2.08	-2.28	-1.56

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

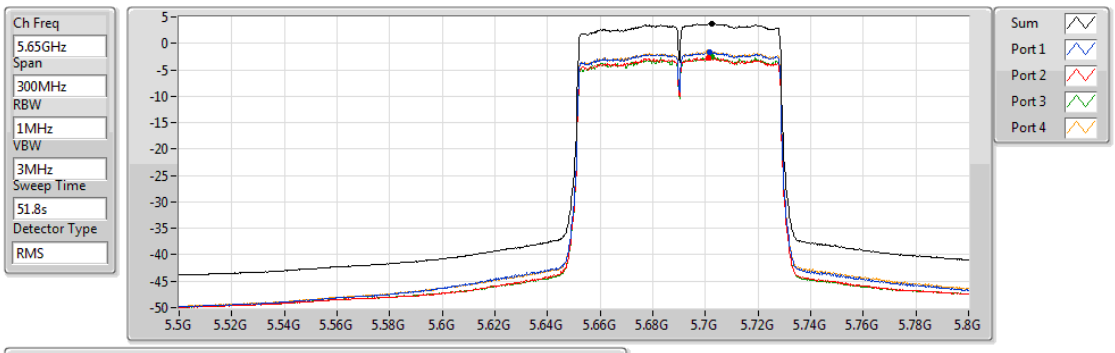
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.89	4.89	-0.62	-1.37	-1.56	-0.47

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

5690MHz Straddle 5.47-5.725GHz

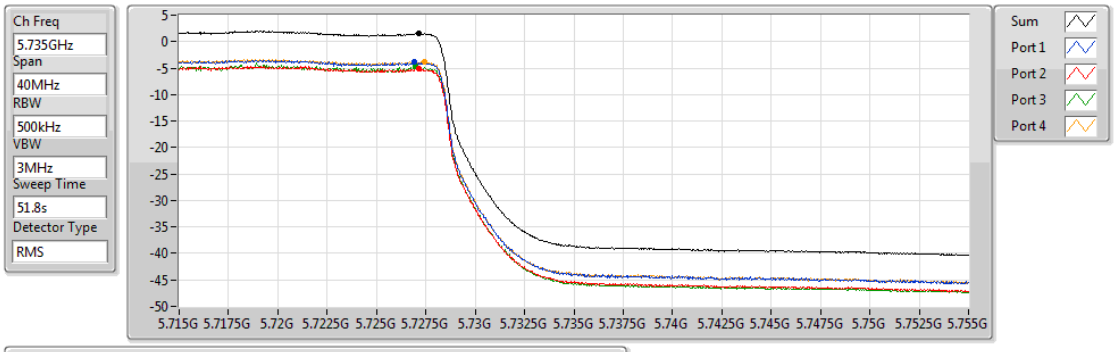


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-1.61	-2.72	-2.52	-1.59

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

5690MHz Straddle 5.725-5.85GHz

29/03/2018

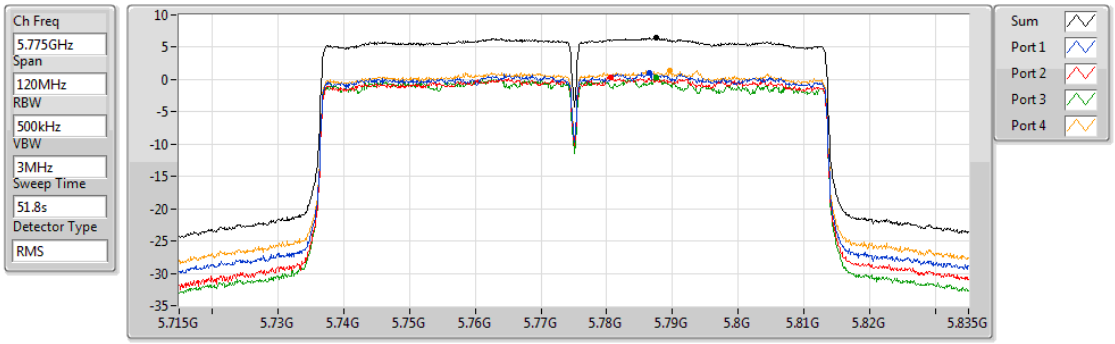


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.52	1.52	-3.91	-5.12	-4.73	-3.76

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

5775MHz

29/03/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.41	6.41	0.99	0.40	0.28	1.43

Summary

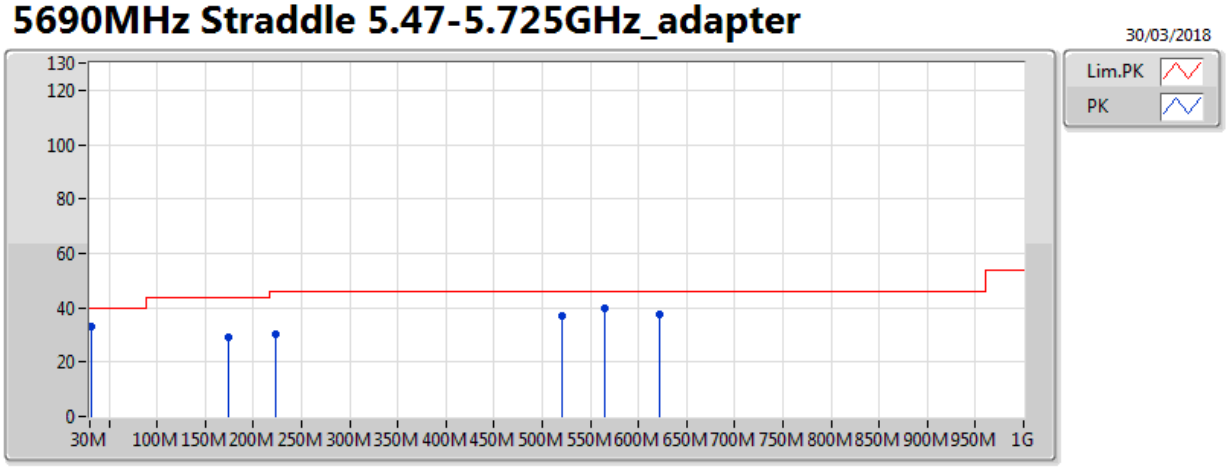
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	748.362319M	39.62	46.00	-6.38	-1.30	3	Horizontal	360	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	748.362319M	40.00	46.00	-6.00	-1.30	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	31.405797M	27.45	40.00	-12.55	-5.12	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	180.42029M	30.71	43.50	-12.79	-12.07	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	239.463768M	30.20	46.00	-15.80	-9.59	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	402.536232M	32.02	46.00	-13.98	-5.23	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	515M	37.32	46.00	-8.68	-4.17	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	748.362319M	39.62	46.00	-6.38	-1.30	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	31.405797M	33.12	40.00	-6.88	-5.12	3	Vertical	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	173.391304M	29.22	43.50	-14.28	-11.79	3	Vertical	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	222.594203M	30.20	46.00	-15.80	-11.61	3	Vertical	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	520.623188M	37.01	46.00	-8.99	-4.15	3	Vertical	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	565.608696M	39.60	46.00	-6.40	-2.97	3	Vertical	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	621.84058M	37.39	46.00	-8.61	-2.51	3	Vertical	360	1.00	-
5775MHz	Pass	PK	31.405797M	29.36	40.00	-10.64	-5.12	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	179.014493M	30.61	43.50	-12.89	-12.03	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	225.405797M	30.47	46.00	-15.53	-11.31	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	374.42029M	31.76	46.00	-14.24	-6.12	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	520.623188M	38.40	46.00	-7.60	-4.15	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	748.362319M	40.00	46.00	-6.00	-1.30	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	31.405797M	33.28	40.00	-6.72	-5.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	174.797101M	29.55	43.50	-13.95	-11.85	3	Vertical	0	1.00	-
5775MHz	Pass	PK	224M	29.96	46.00	-16.04	-11.46	3	Vertical	0	1.00	-
5775MHz	Pass	PK	475.637681M	33.52	46.00	-12.48	-4.07	3	Vertical	0	1.00	-
5775MHz	Pass	PK	579.666667M	39.06	46.00	-6.94	-3.20	3	Vertical	0	1.00	-
5775MHz	Pass	PK	874.884058M	37.97	46.00	-8.03	0.15	3	Vertical	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_4TX

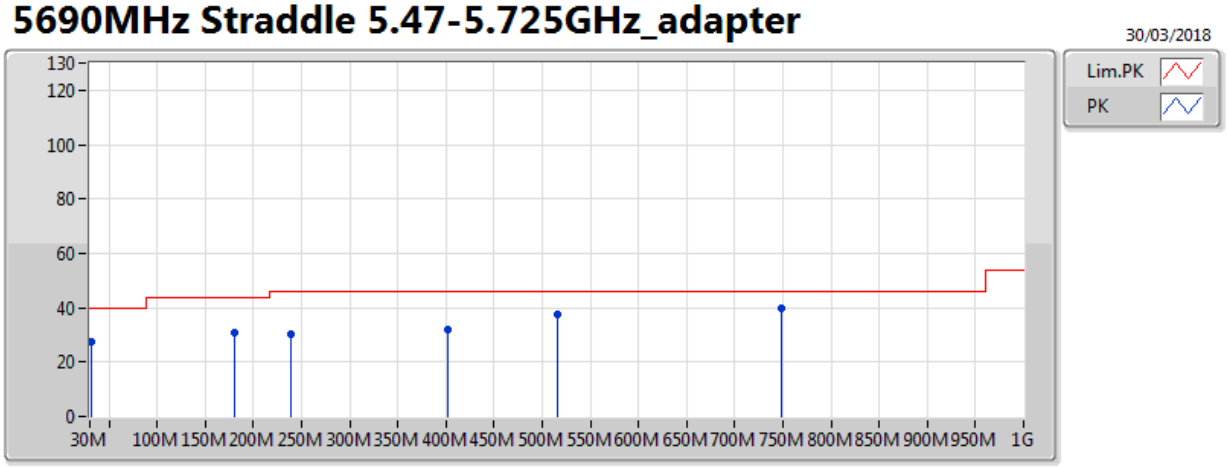
5690MHz Straddle 5.47-5.725GHz_adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	31.405797M	33.12	40.00	-6.88	-5.12	3	Vertical	360	1.00	-	38.24	22.38	0.33	27.84
PK	173.391304M	29.22	43.50	-14.28	-11.79	3	Vertical	360	1.00	-	41.01	14.74	1.00	27.54
PK	222.594203M	30.20	46.00	-15.80	-11.61	3	Vertical	360	1.00	-	41.81	14.58	1.20	27.38
PK	520.623188M	37.01	46.00	-8.99	-4.15	3	Vertical	360	1.00	-	41.16	22.74	1.61	28.50
PK	565.608696M	39.60	46.00	-6.40	-2.97	3	Vertical	360	1.00	-	42.57	23.94	1.63	28.54
PK	621.84058M	37.39	46.00	-8.61	-2.51	3	Vertical	360	1.00	-	39.90	24.32	1.68	28.52

802.11ac VHT80_Nss1,(MCS0)_4TX

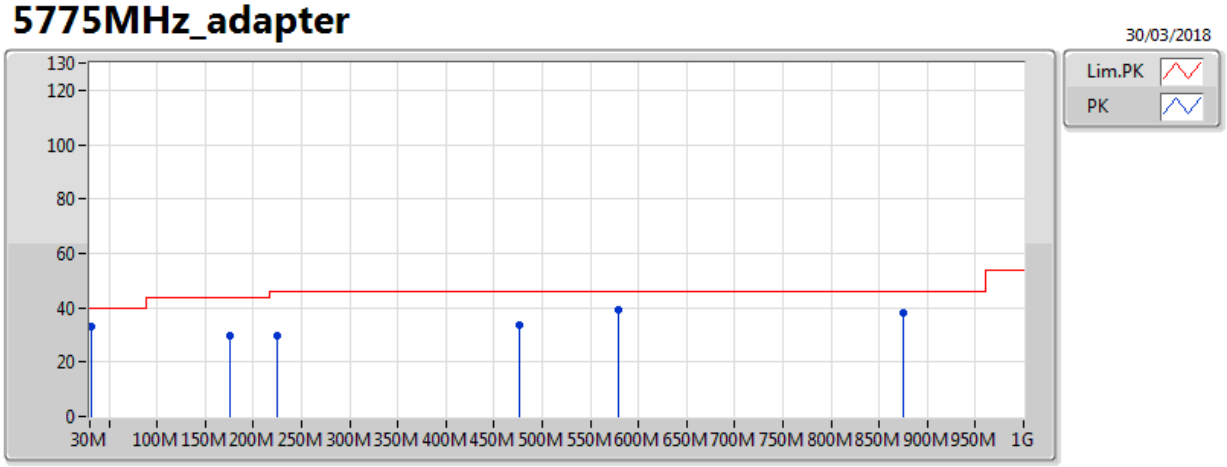
5690MHz Straddle 5.47-5.725GHz_adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	31.405797M	27.45	40.00	-12.55	-5.12	3	Horizontal	360	1.00	-	32.57	22.38	0.33	27.84
PK	180.42029M	30.71	43.50	-12.79	-12.07	3	Horizontal	360	1.00	-	42.78	14.42	1.01	27.51
PK	239.463768M	30.20	46.00	-15.80	-9.59	3	Horizontal	360	1.00	-	39.79	16.52	1.23	27.34
PK	402.536232M	32.02	46.00	-13.98	-5.23	3	Horizontal	360	1.00	-	37.25	21.22	1.52	27.97
PK	515M	37.32	46.00	-8.68	-4.17	3	Horizontal	360	1.00	-	41.49	22.73	1.60	28.50
PK	748.362319M	39.62	46.00	-6.38	-1.30	3	Horizontal	360	1.00	-	40.92	25.03	1.90	28.23

802.11ac VHT80_Nss1,(MCS0)_4TX

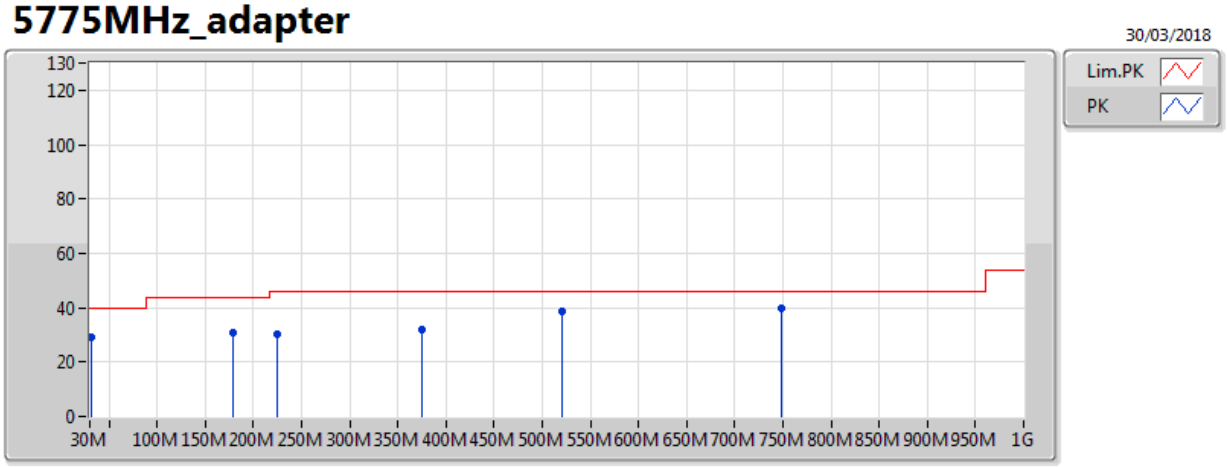
5775MHz_adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	31.405797M	33.28	40.00	-6.72	-5.12	3	Vertical	0	1.00	-	38.40	22.38	0.33	27.84
PK	174.797101M	29.55	43.50	-13.95	-11.85	3	Vertical	0	1.00	-	41.40	14.67	1.00	27.53
PK	224M	29.96	46.00	-16.04	-11.46	3	Vertical	0	1.00	-	41.42	14.73	1.20	27.38
PK	475.637681M	33.52	46.00	-12.48	-4.07	3	Vertical	0	1.00	-	37.59	22.71	1.58	28.36
PK	579.666667M	39.06	46.00	-6.94	-3.20	3	Vertical	0	1.00	-	42.26	23.72	1.63	28.55
PK	874.884058M	37.97	46.00	-8.03	0.15	3	Vertical	0	1.00	-	37.82	25.75	2.16	27.76

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	31.405797M	29.36	40.00	-10.64	-5.12	3	Horizontal	360	1.00	-	34.48	22.38	0.33	27.84
PK	179.014493M	30.61	43.50	-12.89	-12.03	3	Horizontal	360	1.00	-	42.64	14.48	1.01	27.51
PK	225.405797M	30.47	46.00	-15.53	-11.31	3	Horizontal	360	1.00	-	41.78	14.87	1.20	27.38
PK	374.42029M	31.76	46.00	-14.24	-6.12	3	Horizontal	360	1.00	-	37.88	20.14	1.50	27.77
PK	520.623188M	38.40	46.00	-7.60	-4.15	3	Horizontal	360	1.00	-	42.55	22.74	1.61	28.50
PK	748.362319M	40.00	46.00	-6.00	-1.30	3	Horizontal	360	1.00	-	41.30	25.03	1.90	28.23

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3504G	53.86	54.00	-0.14	2.17	3	Vertical	7	2.09	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	10.4788G	53.86	54.00	-0.14	11.86	3	Vertical	0	1.65	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.146G	53.65	54.00	-0.35	1.83	3	Vertical	329	2.07	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.146G	53.64	54.00	-0.36	1.83	3	Vertical	319	2.15	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.3704G	53.75	54.00	-0.25	2.20	3	Vertical	7	1.73	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.371G	53.75	54.00	-0.25	2.20	3	Vertical	326	2.03	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.3508G	53.71	54.00	-0.29	2.16	3	Vertical	352	2.03	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.353G	53.67	54.00	-0.33	2.16	3	Vertical	303	2.12	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.4686G	68.01	68.20	-0.19	2.35	3	Vertical	8	1.74	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.7264G	67.75	68.20	-0.45	2.82	3	Vertical	351	1.68	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.4576G	53.74	54.00	-0.26	2.34	3	Vertical	338	1.49	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.727G	67.97	68.20	-0.23	2.82	3	Vertical	332	1.59	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.643G	65.62	68.20	-2.58	2.66	3	Vertical	329	1.84	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	11.6514G	52.78	54.00	-1.22	12.27	3	Vertical	87	1.33	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.9282G	67.97	68.20	-0.23	3.19	3	Vertical	332	1.77	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.649G	67.85	68.20	-0.35	2.67	3	Vertical	328	1.88	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1454G	49.97	54.00	-4.03	1.83	3	Horizontal	274	1.01	-
5180MHz	Pass	AV	5.254G	111.00	Inf	-Inf	2.01	3	Horizontal	274	1.01	-
5180MHz	Pass	AV	5.3614G	50.79	54.00	-3.21	2.18	3	Horizontal	274	1.01	-
5180MHz	Pass	PK	5.1454G	58.46	74.00	-15.54	1.83	3	Horizontal	274	1.01	-
5180MHz	Pass	PK	5.2528G	119.13	Inf	-Inf	2.00	3	Horizontal	274	1.01	-
5180MHz	Pass	PK	5.3668G	62.07	74.00	-11.93	2.19	3	Horizontal	274	1.01	-
5180MHz	Pass	AV	5.1484G	48.86	54.00	-5.14	1.83	3	Vertical	7	1.73	-
5180MHz	Pass	AV	5.2624G	114.07	Inf	-Inf	2.02	3	Vertical	7	1.73	-
5180MHz	Pass	AV	5.3704G	53.75	54.00	-0.25	2.20	3	Vertical	7	1.73	-
5180MHz	Pass	PK	5.1466G	57.76	74.00	-16.24	1.83	3	Vertical	7	1.73	-
5180MHz	Pass	PK	5.2624G	121.50	Inf	-Inf	2.02	3	Vertical	7	1.73	-
5180MHz	Pass	PK	5.3614G	62.14	74.00	-11.86	2.18	3	Vertical	7	1.73	-
5180MHz	Pass	AV	10.5165G	47.96	54.00	-6.04	11.94	3	Horizontal	98	1.56	-
5180MHz	Pass	PK	10.519G	59.88	74.00	-14.12	11.95	3	Horizontal	98	1.56	-
5180MHz	Pass	AV	10.5164G	50.98	54.00	-3.02	11.94	3	Vertical	348	1.61	-
5180MHz	Pass	PK	10.5233G	61.48	74.00	-12.52	11.96	3	Vertical	348	1.61	-
5200MHz	Pass	AV	5.1496G	52.57	54.00	-1.43	1.83	3	Horizontal	272	1.00	-
5200MHz	Pass	AV	5.194G	109.51	Inf	-Inf	1.91	3	Horizontal	272	1.00	-
5200MHz	Pass	PK	5.1452G	66.50	74.00	-7.50	1.83	3	Horizontal	272	1.00	-
5200MHz	Pass	PK	5.1928G	116.81	Inf	-Inf	1.91	3	Horizontal	272	1.00	-
5200MHz	Pass	AV	5.149995G	51.74	54.00	-2.26	1.83	3	Vertical	345	1.94	-
5200MHz	Pass	AV	5.2036G	112.28	Inf	-Inf	1.93	3	Vertical	345	1.94	-
5200MHz	Pass	PK	5.1432G	68.38	74.00	-5.62	1.82	3	Vertical	345	1.94	-
5200MHz	Pass	PK	5.2044G	119.03	Inf	-Inf	1.93	3	Vertical	345	1.94	-
5200MHz	Pass	AV	10.3976G	46.48	54.00	-7.52	11.68	3	Horizontal	96	1.73	-
5200MHz	Pass	PK	10.3972G	57.07	74.00	-16.93	11.68	3	Horizontal	96	1.73	-
5200MHz	Pass	AV	10.3964G	50.60	54.00	-3.40	11.68	3	Vertical	345	1.69	-
5200MHz	Pass	PK	10.3974G	60.99	74.00	-13.01	11.68	3	Vertical	345	1.69	-
5240MHz	Pass	AV	5.126G	51.75	54.00	-2.25	1.80	3	Horizontal	270	1.01	-
5240MHz	Pass	AV	5.2328G	113.37	Inf	-Inf	1.97	3	Horizontal	270	1.01	-
5240MHz	Pass	AV	5.3552G	49.66	54.00	-4.34	2.17	3	Horizontal	270	1.01	-
5240MHz	Pass	PK	5.1494G	62.98	74.00	-11.02	1.83	3	Horizontal	270	1.01	-
5240MHz	Pass	PK	5.2322G	121.14	Inf	-Inf	1.97	3	Horizontal	270	1.01	-
5240MHz	Pass	PK	5.3834G	60.79	74.00	-13.21	2.22	3	Horizontal	270	1.01	-
5240MHz	Pass	AV	5.135G	52.39	54.00	-1.61	1.81	3	Vertical	7	2.09	-
5240MHz	Pass	AV	5.243G	114.10	Inf	-Inf	1.99	3	Vertical	7	2.09	-
5240MHz	Pass	AV	5.3504G	53.86	54.00	-0.14	2.17	3	Vertical	7	2.09	-
5240MHz	Pass	PK	5.1458G	61.56	74.00	-12.44	1.83	3	Vertical	7	2.09	-
5240MHz	Pass	PK	5.2424G	121.12	Inf	-Inf	1.99	3	Vertical	7	2.09	-
5240MHz	Pass	PK	5.351G	62.83	74.00	-11.17	2.17	3	Vertical	7	2.09	-
5240MHz	Pass	AV	10.478G	48.23	54.00	-5.77	11.86	3	Horizontal	98	1.55	-
5240MHz	Pass	PK	10.4788G	60.78	74.00	-13.22	11.86	3	Horizontal	98	1.55	-
5240MHz	Pass	AV	10.4821G	51.12	54.00	-2.88	11.87	3	Vertical	0	2.15	-
5240MHz	Pass	PK	10.4813G	64.60	74.00	-9.40	11.86	3	Vertical	0	2.15	-
5260MHz	Pass	AV	5.1454G	49.97	54.00	-4.03	1.83	3	Horizontal	274	1.01	-
5260MHz	Pass	AV	5.254G	111.00	Inf	-Inf	2.01	3	Horizontal	274	1.01	-
5260MHz	Pass	AV	5.3614G	50.79	54.00	-3.21	2.18	3	Horizontal	274	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	5.1454G	58.46	74.00	-15.54	1.83	3	Horizontal	274	1.01	-
5260MHz	Pass	PK	5.2528G	119.13	Inf	-Inf	2.00	3	Horizontal	274	1.01	-
5260MHz	Pass	PK	5.3668G	62.07	74.00	-11.93	2.19	3	Horizontal	274	1.01	-
5260MHz	Pass	AV	5.1484G	48.86	54.00	-5.14	1.83	3	Vertical	7	1.73	-
5260MHz	Pass	AV	5.2624G	114.07	Inf	-Inf	2.02	3	Vertical	7	1.73	-
5260MHz	Pass	AV	5.3704G	53.75	54.00	-0.25	2.20	3	Vertical	7	1.73	-
5260MHz	Pass	PK	5.1466G	57.76	74.00	-16.24	1.83	3	Vertical	7	1.73	-
5260MHz	Pass	PK	5.2624G	121.50	Inf	-Inf	2.02	3	Vertical	7	1.73	-
5260MHz	Pass	PK	5.3614G	62.14	74.00	-11.86	2.18	3	Vertical	7	1.73	-
5260MHz	Pass	AV	10.5165G	47.96	54.00	-6.04	11.94	3	Horizontal	98	1.56	-
5260MHz	Pass	PK	10.519G	59.88	74.00	-14.12	11.95	3	Horizontal	98	1.56	-
5260MHz	Pass	AV	10.5164G	50.98	54.00	-3.02	11.94	3	Vertical	348	1.61	-
5260MHz	Pass	PK	10.5233G	61.48	74.00	-12.52	11.96	3	Vertical	348	1.61	-
5300MHz	Pass	AV	5.2964G	107.81	Inf	-Inf	2.07	3	Horizontal	93	1.01	-
5300MHz	Pass	AV	5.3512G	49.40	54.00	-4.60	2.17	3	Horizontal	93	1.01	-
5300MHz	Pass	PK	5.2972G	114.88	Inf	-Inf	2.08	3	Horizontal	93	1.01	-
5300MHz	Pass	PK	5.3508G	64.32	74.00	-9.68	2.17	3	Horizontal	93	1.01	-
5300MHz	Pass	AV	5.3024G	112.58	Inf	-Inf	2.08	3	Vertical	6	1.71	-
5300MHz	Pass	AV	5.350005G	53.35	54.00	-0.65	2.17	3	Vertical	6	1.71	-
5300MHz	Pass	PK	5.302G	119.54	Inf	-Inf	2.08	3	Vertical	6	1.71	-
5300MHz	Pass	PK	5.3544G	67.83	74.00	-6.17	2.17	3	Vertical	6	1.71	-
5300MHz	Pass	AV	10.5979G	43.79	54.00	-10.21	12.12	3	Horizontal	94	1.50	-
5300MHz	Pass	PK	10.5983G	53.84	74.00	-20.16	12.12	3	Horizontal	94	1.50	-
5300MHz	Pass	AV	10.5965G	45.76	54.00	-8.24	12.12	3	Vertical	300	1.50	-
5300MHz	Pass	PK	10.6095G	55.98	74.00	-18.02	12.15	3	Vertical	300	1.50	-
5320MHz	Pass	AV	5.3264G	94.84	Inf	-Inf	6.65	3	Horizontal	192	1.89	-
5320MHz	Pass	AV	5.350005G	48.80	54.00	-5.20	6.68	3	Horizontal	192	1.89	-
5320MHz	Pass	PK	5.3266G	104.97	Inf	-Inf	6.65	3	Horizontal	192	1.89	-
5320MHz	Pass	PK	5.3526G	65.18	74.00	-8.82	6.68	3	Horizontal	192	1.89	-
5320MHz	Pass	AV	5.3264G	102.59	Inf	-Inf	6.65	3	Vertical	344	1.62	-
5320MHz	Pass	AV	5.350005G	53.60	54.00	-0.40	6.68	3	Vertical	344	1.62	-
5320MHz	Pass	PK	5.3226G	112.92	Inf	-Inf	6.64	3	Vertical	344	1.62	-
5320MHz	Pass	PK	5.3526G	71.27	74.00	-2.73	6.68	3	Vertical	344	1.62	-
5320MHz	Pass	AV	10.6378G	41.46	54.00	-12.54	12.21	3	Horizontal	93	1.52	-
5320MHz	Pass	PK	10.6377G	51.54	74.00	-22.46	12.21	3	Horizontal	93	1.52	-
5320MHz	Pass	AV	10.6384G	44.20	54.00	-9.80	12.21	3	Vertical	349	1.63	-
5320MHz	Pass	PK	10.6378G	55.54	74.00	-18.46	12.21	3	Vertical	349	1.63	-
5500MHz	Pass	AV	5.459995G	48.02	54.00	-5.98	2.34	3	Vertical	8	1.74	-
5500MHz	Pass	AV	5.5018G	109.04	Inf	-Inf	2.40	3	Vertical	8	1.74	-
5500MHz	Pass	PK	5.4596G	60.94	74.00	-13.06	2.34	3	Vertical	8	1.74	-
5500MHz	Pass	PK	5.4686G	68.01	68.20	-0.19	2.35	3	Vertical	8	1.74	-
5500MHz	Pass	PK	5.502G	116.05	Inf	-Inf	2.40	3	Vertical	8	1.74	-
5500MHz	Pass	AV	5.4528G	45.11	54.00	-8.89	2.33	3	Horizontal	266	1.18	-
5500MHz	Pass	AV	5.5074G	104.41	Inf	-Inf	2.41	3	Horizontal	266	1.18	-
5500MHz	Pass	PK	5.451G	55.88	74.00	-18.12	2.33	3	Horizontal	266	1.18	-
5500MHz	Pass	PK	5.4668G	67.07	68.20	-1.13	2.35	3	Horizontal	266	1.18	-
5500MHz	Pass	PK	5.5076G	110.90	Inf	-Inf	2.41	3	Horizontal	266	1.18	-
5500MHz	Pass	AV	11.0026G	41.54	54.00	-12.46	13.01	3	Vertical	304	1.65	-
5500MHz	Pass	PK	11.0026G	52.54	74.00	-21.46	13.01	3	Vertical	304	1.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	AV	16.5396G	39.76	54.00	-14.24	12.58	3	Horizontal	302	1.86	-
5500MHz	Pass	PK	16.4944G	51.03	74.00	-22.97	12.44	3	Horizontal	302	1.86	-
5580MHz	Pass	AV	5.459995G	46.04	54.00	-7.96	2.34	3	Horizontal	262	1.01	-
5580MHz	Pass	AV	5.5878G	110.05	Inf	-Inf	2.56	3	Horizontal	262	1.01	-
5580MHz	Pass	PK	5.4594G	57.98	74.00	-16.02	2.34	3	Horizontal	262	1.01	-
5580MHz	Pass	PK	5.4696G	58.22	68.20	-9.98	2.36	3	Horizontal	262	1.01	-
5580MHz	Pass	PK	5.5866G	117.37	Inf	-Inf	2.56	3	Horizontal	262	1.01	-
5580MHz	Pass	PK	5.73G	55.34	68.20	-12.86	2.83	3	Horizontal	262	1.01	-
5580MHz	Pass	AV	5.459995G	48.93	54.00	-5.07	2.34	3	Vertical	6	1.88	-
5580MHz	Pass	AV	5.5812G	114.05	Inf	-Inf	2.55	3	Vertical	6	1.88	-
5580MHz	Pass	PK	5.459995G	61.14	74.00	-12.86	2.34	3	Vertical	6	1.88	-
5580MHz	Pass	PK	5.4654G	63.50	68.20	-4.70	2.35	3	Vertical	6	1.88	-
5580MHz	Pass	PK	5.5812G	121.83	Inf	-Inf	2.55	3	Vertical	6	1.88	-
5580MHz	Pass	PK	5.7288G	57.41	68.20	-10.79	2.82	3	Vertical	6	1.88	-
5580MHz	Pass	AV	11.1612G	42.48	54.00	-11.52	12.83	3	Horizontal	325	1.50	-
5580MHz	Pass	PK	11.1622G	53.50	74.00	-20.50	12.83	3	Horizontal	325	1.50	-
5580MHz	Pass	AV	11.16G	46.36	54.00	-7.64	12.83	3	Vertical	162	1.47	-
5580MHz	Pass	PK	11.1596G	56.36	74.00	-17.64	12.83	3	Vertical	162	1.47	-
5700MHz	Pass	AV	5.7044G	106.21	Inf	-Inf	2.78	3	Vertical	327	1.67	-
5700MHz	Pass	AV	5.7252G	52.69	Inf	-Inf	2.82	3	Vertical	327	1.67	-
5700MHz	Pass	PK	5.7044G	113.25	Inf	-Inf	2.78	3	Vertical	327	1.67	-
5700MHz	Pass	PK	5.7252G	67.81	68.20	-0.39	2.82	3	Vertical	327	1.67	-
5700MHz	Pass	AV	5.7032G	101.99	Inf	-Inf	2.78	3	Horizontal	263	2.10	-
5700MHz	Pass	AV	5.7252G	46.74	Inf	-Inf	2.82	3	Horizontal	263	2.10	-
5700MHz	Pass	PK	5.7024G	109.09	Inf	-Inf	2.77	3	Horizontal	263	2.10	-
5700MHz	Pass	PK	5.7252G	62.42	68.20	-5.78	2.82	3	Horizontal	263	2.10	-
5700MHz	Pass	AV	11.3969G	39.55	54.00	-14.45	12.56	3	Vertical	275	1.44	-
5700MHz	Pass	PK	11.3772G	50.83	74.00	-23.17	12.58	3	Vertical	275	1.44	-
5700MHz	Pass	AV	11.3987G	39.43	54.00	-14.57	12.56	3	Horizontal	138	2.47	-
5700MHz	Pass	PK	11.413G	50.63	74.00	-23.37	12.54	3	Horizontal	138	2.47	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	42.60	54.00	-11.40	2.34	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	104.23	Inf	-Inf	2.81	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	52.68	74.00	-21.32	2.33	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	52.92	68.20	-15.28	2.35	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	111.98	Inf	-Inf	2.81	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9564G	54.35	68.20	-13.85	3.24	3	Horizontal	311	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	45.41	54.00	-8.59	2.34	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	113.77	Inf	-Inf	2.81	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4356G	55.10	74.00	-18.90	2.29	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	55.46	68.20	-12.74	2.35	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	121.17	Inf	-Inf	2.81	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	59.65	68.20	-8.55	3.05	3	Vertical	323	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4362G	43.85	54.00	-10.15	12.52	3	Horizontal	139	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4412G	54.95	74.00	-19.05	12.51	3	Horizontal	139	1.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4398G	47.14	54.00	-6.86	12.51	3	Vertical	0	1.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4388G	60.48	74.00	-13.52	12.51	3	Vertical	0	1.63	-
5745MHz	Pass	AV	5.7486G	110.37	Inf	-Inf	2.86	3	Horizontal	267	2.01	-
5745MHz	Pass	PK	5.6514G	60.65	69.24	-8.59	2.68	3	Horizontal	267	2.01	-
5745MHz	Pass	PK	5.7486G	118.16	Inf	-Inf	2.86	3	Horizontal	267	2.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.9622G	57.09	68.20	-11.11	3.24	3	Horizontal	267	2.01	-
5745MHz	Pass	AV	5.7498G	113.58	Inf	-Inf	2.86	3	Vertical	329	1.84	-
5745MHz	Pass	PK	5.643G	65.62	68.20	-2.58	2.66	3	Vertical	329	1.84	-
5745MHz	Pass	PK	5.7498G	121.84	Inf	-Inf	2.86	3	Vertical	329	1.84	-
5745MHz	Pass	PK	5.925G	57.11	68.20	-11.09	3.19	3	Vertical	329	1.84	-
5745MHz	Pass	AV	11.4878G	44.99	54.00	-9.01	12.46	3	Horizontal	108	1.63	-
5745MHz	Pass	PK	11.4868G	56.74	74.00	-17.26	12.46	3	Horizontal	108	1.63	-
5745MHz	Pass	AV	11.4914G	48.57	54.00	-5.43	12.45	3	Vertical	1	1.65	-
5745MHz	Pass	PK	11.4914G	62.72	74.00	-11.28	12.45	3	Vertical	1	1.65	-
5785MHz	Pass	AV	5.7886G	110.10	Inf	-Inf	2.93	3	Horizontal	274	2.00	-
5785MHz	Pass	PK	5.5978G	55.98	68.20	-12.22	2.58	3	Horizontal	274	2.00	-
5785MHz	Pass	PK	5.7898G	118.00	Inf	-Inf	2.93	3	Horizontal	274	2.00	-
5785MHz	Pass	PK	5.9482G	56.83	68.20	-11.37	3.23	3	Horizontal	274	2.00	-
5785MHz	Pass	AV	5.791G	113.17	Inf	-Inf	2.93	3	Vertical	340	1.92	-
5785MHz	Pass	PK	5.641G	58.78	68.20	-9.42	2.66	3	Vertical	340	1.92	-
5785MHz	Pass	PK	5.791G	120.08	Inf	-Inf	2.93	3	Vertical	340	1.92	-
5785MHz	Pass	PK	5.929G	58.19	68.20	-10.01	3.19	3	Vertical	340	1.92	-
5785MHz	Pass	AV	11.5684G	46.37	54.00	-7.63	12.37	3	Horizontal	97	1.63	-
5785MHz	Pass	PK	11.569G	59.35	74.00	-14.65	12.37	3	Horizontal	97	1.63	-
5785MHz	Pass	AV	11.5714G	48.65	54.00	-5.35	12.36	3	Vertical	0	1.63	-
5785MHz	Pass	PK	11.5714G	63.43	74.00	-10.57	12.36	3	Vertical	0	1.63	-
5825MHz	Pass	AV	5.8286G	109.97	Inf	-Inf	3.00	3	Horizontal	275	2.07	-
5825MHz	Pass	PK	5.5394G	56.41	68.20	-11.79	2.48	3	Horizontal	275	2.07	-
5825MHz	Pass	PK	5.8286G	119.19	Inf	-Inf	3.00	3	Horizontal	275	2.07	-
5825MHz	Pass	PK	5.9246G	61.70	68.50	-6.80	3.19	3	Horizontal	275	2.07	-
5825MHz	Pass	AV	5.831G	113.21	Inf	-Inf	3.01	3	Vertical	335	1.87	-
5825MHz	Pass	PK	5.6294G	56.46	68.20	-11.74	2.64	3	Vertical	335	1.87	-
5825MHz	Pass	PK	5.831G	120.01	Inf	-Inf	3.01	3	Vertical	335	1.87	-
5825MHz	Pass	PK	5.9318G	64.32	68.20	-3.88	3.20	3	Vertical	335	1.87	-
5825MHz	Pass	AV	11.6492G	47.74	54.00	-6.26	12.28	3	Horizontal	99	1.62	-
5825MHz	Pass	PK	11.6488G	61.55	74.00	-12.45	12.28	3	Horizontal	99	1.62	-
5825MHz	Pass	AV	11.6532G	49.57	54.00	-4.43	12.27	3	Vertical	2	1.64	-
5825MHz	Pass	PK	11.6514G	62.61	74.00	-11.39	12.27	3	Vertical	2	1.64	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1474G	49.92	54.00	-4.08	1.83	3	Horizontal	271	1.01	-
5180MHz	Pass	AV	5.1818G	104.07	Inf	-Inf	1.89	3	Horizontal	271	1.01	-
5180MHz	Pass	PK	5.147G	66.04	74.00	-7.96	1.83	3	Horizontal	271	1.01	-
5180MHz	Pass	PK	5.187G	111.58	Inf	-Inf	1.90	3	Horizontal	271	1.01	-
5180MHz	Pass	AV	5.148G	53.60	54.00	-0.40	1.83	3	Vertical	330	1.98	-
5180MHz	Pass	AV	5.1834G	105.86	Inf	-Inf	1.89	3	Vertical	330	1.98	-
5180MHz	Pass	PK	5.149995G	66.50	74.00	-7.50	1.83	3	Vertical	330	1.98	-
5180MHz	Pass	PK	5.183G	112.75	Inf	-Inf	1.89	3	Vertical	330	1.98	-
5180MHz	Pass	AV	10.3593G	44.47	54.00	-9.53	11.59	3	Horizontal	95	1.51	-
5180MHz	Pass	PK	10.3596G	54.91	74.00	-19.09	11.59	3	Horizontal	95	1.51	-
5180MHz	Pass	AV	10.358G	49.82	54.00	-4.18	11.59	3	Vertical	352	2.17	-
5180MHz	Pass	PK	10.3584G	59.32	74.00	-14.68	11.59	3	Vertical	352	2.17	-
5200MHz	Pass	AV	5.149995G	50.06	54.00	-3.94	1.83	3	Horizontal	269	1.08	-
5200MHz	Pass	AV	5.2064G	108.17	Inf	-Inf	1.93	3	Horizontal	269	1.08	-
5200MHz	Pass	PK	5.1464G	64.68	74.00	-9.32	1.83	3	Horizontal	269	1.08	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	5.202G	116.08	Inf	-Inf	1.92	3	Horizontal	269	1.08	-
5200MHz	Pass	AV	5.149995G	53.64	54.00	-0.36	1.83	3	Vertical	337	1.99	-
5200MHz	Pass	AV	5.2004G	110.40	Inf	-Inf	1.92	3	Vertical	337	1.99	-
5200MHz	Pass	PK	5.1484G	65.21	74.00	-8.79	1.83	3	Vertical	337	1.99	-
5200MHz	Pass	PK	5.2056G	117.80	Inf	-Inf	1.93	3	Vertical	337	1.99	-
5200MHz	Pass	AV	10.3994G	46.18	54.00	-7.82	11.68	3	Horizontal	94	1.52	-
5200MHz	Pass	PK	10.4079G	55.38	74.00	-18.62	11.70	3	Horizontal	94	1.52	-
5200MHz	Pass	AV	10.3958G	49.40	54.00	-4.60	11.67	3	Vertical	348	2.15	-
5200MHz	Pass	PK	10.3958G	59.86	74.00	-14.14	11.67	3	Vertical	348	2.15	-
5240MHz	Pass	AV	5.1386G	50.88	54.00	-3.12	1.82	3	Horizontal	264	1.01	-
5240MHz	Pass	AV	5.237G	111.14	Inf	-Inf	1.98	3	Horizontal	264	1.01	-
5240MHz	Pass	AV	5.350005G	51.87	54.00	-2.13	2.17	3	Horizontal	264	1.01	-
5240MHz	Pass	PK	5.1464G	62.01	74.00	-11.99	1.83	3	Horizontal	264	1.01	-
5240MHz	Pass	PK	5.2418G	119.11	Inf	-Inf	1.99	3	Horizontal	264	1.01	-
5240MHz	Pass	PK	5.350005G	59.68	74.00	-14.32	2.17	3	Horizontal	264	1.01	-
5240MHz	Pass	AV	5.138G	52.73	54.00	-1.27	1.82	3	Vertical	337	1.90	-
5240MHz	Pass	AV	5.2454G	112.99	Inf	-Inf	1.99	3	Vertical	337	1.90	-
5240MHz	Pass	AV	5.3534G	52.97	54.00	-1.03	2.17	3	Vertical	337	1.90	-
5240MHz	Pass	PK	5.147G	63.05	74.00	-10.95	1.83	3	Vertical	337	1.90	-
5240MHz	Pass	PK	5.2358G	119.73	Inf	-Inf	1.98	3	Vertical	337	1.90	-
5240MHz	Pass	PK	5.3534G	61.40	74.00	-12.60	2.17	3	Vertical	337	1.90	-
5240MHz	Pass	AV	10.4788G	50.26	54.00	-3.74	11.86	3	Horizontal	95	1.57	-
5240MHz	Pass	PK	10.4787G	63.10	74.00	-10.90	11.86	3	Horizontal	95	1.57	-
5240MHz	Pass	AV	10.4788G	53.86	54.00	-0.14	11.86	3	Vertical	0	1.65	-
5240MHz	Pass	PK	10.4788G	67.42	74.00	-6.58	11.86	3	Vertical	0	1.65	-
5260MHz	Pass	AV	5.1484G	49.80	54.00	-4.20	1.83	3	Horizontal	268	1.06	-
5260MHz	Pass	AV	5.2618G	111.09	Inf	-Inf	2.02	3	Horizontal	268	1.06	-
5260MHz	Pass	AV	5.350005G	50.85	54.00	-3.15	2.17	3	Horizontal	268	1.06	-
5260MHz	Pass	PK	5.149G	58.87	74.00	-15.13	1.83	3	Horizontal	268	1.06	-
5260MHz	Pass	PK	5.2618G	118.12	Inf	-Inf	2.02	3	Horizontal	268	1.06	-
5260MHz	Pass	PK	5.362G	61.91	74.00	-12.09	2.18	3	Horizontal	268	1.06	-
5260MHz	Pass	AV	5.149995G	52.19	54.00	-1.81	1.83	3	Vertical	326	2.03	-
5260MHz	Pass	AV	5.2582G	113.26	Inf	-Inf	2.01	3	Vertical	326	2.03	-
5260MHz	Pass	AV	5.371G	53.75	54.00	-0.25	2.20	3	Vertical	326	2.03	-
5260MHz	Pass	PK	5.1454G	61.06	74.00	-12.94	1.83	3	Vertical	326	2.03	-
5260MHz	Pass	PK	5.2534G	120.67	Inf	-Inf	2.01	3	Vertical	326	2.03	-
5260MHz	Pass	PK	5.3566G	64.97	74.00	-9.03	2.18	3	Vertical	326	2.03	-
5260MHz	Pass	AV	10.5186G	49.05	54.00	-4.95	11.95	3	Horizontal	93	1.63	-
5260MHz	Pass	PK	10.5188G	61.81	74.00	-12.19	11.95	3	Horizontal	93	1.63	-
5260MHz	Pass	AV	10.5188G	52.01	54.00	-1.99	11.95	3	Vertical	1	1.50	-
5260MHz	Pass	PK	10.5189G	65.74	74.00	-8.26	11.95	3	Vertical	1	1.50	-
5300MHz	Pass	AV	5.3024G	106.41	Inf	-Inf	2.08	3	Horizontal	104	1.01	-
5300MHz	Pass	AV	5.3524G	49.76	54.00	-4.24	2.17	3	Horizontal	104	1.01	-
5300MHz	Pass	PK	5.2972G	114.15	Inf	-Inf	2.08	3	Horizontal	104	1.01	-
5300MHz	Pass	PK	5.3508G	61.21	74.00	-12.79	2.17	3	Horizontal	104	1.01	-
5300MHz	Pass	AV	5.3056G	110.03	Inf	-Inf	2.09	3	Vertical	359	2.15	-
5300MHz	Pass	AV	5.3508G	53.18	54.00	-0.82	2.17	3	Vertical	359	2.15	-
5300MHz	Pass	PK	5.2956G	117.25	Inf	-Inf	2.07	3	Vertical	359	2.15	-
5300MHz	Pass	PK	5.3504G	67.56	74.00	-6.44	2.17	3	Vertical	359	2.15	-