FCC RADIO TEST REPORT

FCC ID	:	S9GR650
Equipment	:	R650 Access Point
Brand Name	:	Ruckus
Model Name	:	R650
Applicant	:	Ruckus Wireless, Inc. 350 West Java Drive, Sunnyvale , California 94089 United States
Manufacturer	:	Ruckus Wireless, Inc. 350 West Java Drive, Sunnyvale , California 94089 United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 11, 2019, and testing was started from Sep. 14, 2019 and completed on Nov. 14, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

The test results in this variant 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: Sam Chen

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
FR980216-01	01	Initial issue of report	Dec. 23, 2019
FR980216-01	02	Removing 80+80 MHz Mode for continuously 80+80MHz-122(port1+2)+138 (port3+4)	Jan. 08, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Table for 80+80MHz Mode

Type	Channel No.	Frequency
1	Continuously 80+80MHz-42(port1+2)+58(port3+4)	5210+5290 MHz
2	Continuously 80+80MHz-106(port1+2)+122(port3+4)	5530+5610 MHz

1.1.3 Antenna Information

Ant.	Port				Brand	Model Name	Ant. Type	Connector	Ant. Gain (dBi)			
	WLAN		BT	Zigbee					WLAN		BT	Zigbee
	2.4GHz	5GHz							2.4GHz	5GHz		
1	1	-	-	-	Ruckus	KAUS	PCB	I-PEX	2.3	-	-	-
2	2	-	-	-	Ruckus	HERSCHEL	PCB	I-PEX	2.3	-	-	-
3	-	1	-	-	Ruckus	PIFA5G	Metal	I-PEX	-	2	-	-
4	-	2	-	-	Ruckus	QUASAR	PCB	I-PEX	-	2	-	-
5	-	3	-	-	Ruckus	SADAL	PCB	I-PEX	-	2	-	-
6	-	4	-	-	Ruckus	CORZAR	PCB	I-PEX	-	2	-	-
7	-	-	1	-	Ruckus	BLE	Metal	I-PEX	-	-	1.4	-
8	-	-	-	1	Ruckus	ZIGBEE	Metal	I-PEX	-	-	-	1.4

Note 1:

WLAN 2.4GHz and 5GHz antenna configuration:

Ant.	Polarity				Array Gain (dBi)			
	2.4GHz		5GHz		2.4GHz	5GHz		
	Vertical	Horizontal	Vertical	Horizontal		Other Bandwidth	Continuously 80+80MHz-42 (port1+2)+58 (port3+4)	Continuously 80+80MHz-106 (port1+2)+122(port3+4)
1	V	-	-	-	0	-	-	-
2	-	V	-	-		-	-	-
3	-	-	V	-	-	3.01	0	3.01
4	-	-	-	V	-			
5	-	-	-	V	-			
6	-	-	V	-	-			

Note 2: The above information was declared by manufacturer.

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

Port 1, Port 2, Pot 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Pot 3 and Port 4 could transmit/receive simultaneously.

For Bluetooth function:

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

For Zigbee function:

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

1.1.4 Mode Test Duty Cycle

20/40/80MHz RU(100%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.949	0.23	1.98m	1k
802.11ac VHT20	0.951	0.22	5.435m	300
802.11ac VHT40	0.95	0.22	5.435m	300
802.11ac VHT80	0.953	0.21	5.435m	300
802.11ax HEW20	0.955	0.2	5.46m	300
802.11ax HEW40	0.955	0.2	5.455m	300
802.11ax HEW80	0.957	0.19	5.46m	300

80+80MHz RU(100%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT80+80	0.945	0.25	5.433m	300
802.11ax HEW80+80	0.955	0.2	5.455m	300

RU (20M: 66% / 40M: 60% / 80M: 48%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.845	0.73	1.575m	1k
802.11ax HEW40	0.9	0.46	2.06m	1k
802.11ax HEW80	0.785	1.05	795u	3k

RU (20M: 56% / 40M: 56% / 80M: 72%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.946	0.24	3.87m	300
802.11ax HEW40	0.902	0.45	2.84m	1k
802.11ax HEW80	0.85	0.71	1.99m	1k

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

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	4.0.00123			

Note: The above information was declared by manufacturer.

1.1.6 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR980216AB.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding Band 2 and Band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Adding 80+80 Mode (Please refer to section 1.1.2 for detail information.)	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions <Above 1GHz>

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Ekko Hsieh	24.5-25.5°C / 62-66%	Sep. 16, 2019~ Nov. 14, 2019
Radiated	03CH01-CB	Stim Sung	24.8-27°C / 59-60%	Sep. 14, 2019~ Sep. 27, 2019

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

20/40/80MHz RU(100%):

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	16.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	17
5530MHz	15.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	17.5
5300MHz	17.5

Mode	PowerSetting
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5510MHz	16.5
5550MHz	17
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	17
5530MHz	15.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5

80+80MHz RU(100%):

Mode	Power Setting
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	16.5
5210MHz,#5290MHz	16.5
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	16.5
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	16.5
5210MHz,#5290MHz	16.5
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	16.5

RU (20M: 66% / 40M: 60% / 80M: 48%):

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16
5320MHz	15.5
5500MHz	15.5
5580MHz	15.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	14
5310MHz	14
5510MHz	13.5
5550MHz	14
5670MHz	15
5710MHz Straddle 5.47-5.725GHz	15.5
5710MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	14.5
5530MHz	13
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	15

RU (20M: 56% / 40M: 56% / 80M: 72%):

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	15
5300MHz	15
5320MHz	14.5
5500MHz	14.5
5580MHz	14.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	14
5310MHz	14
5510MHz	13.5
5550MHz	14
5670MHz	15
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	15.5
5530MHz	14
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/ac/ax in 5GHz, Only Non-beamforming mode was tested and recorded in this report.
- The power setting will be 3dB lower than non-beamforming for beamforming mode by manufacturer declaration.

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth + Zigbee
Refer to Sporton Test Report No.: FA980216-01 for Co-location RF Exposure Evaluation.	

Note 1: The EUT can only be used at Y axis position.

Note 2: The Adapter below is for measurement only, would not be marketed.

Power	Brand	Model No.
Adapter	Ruckus	740-64277-001

Note 3: The RU100 performed all test items, but the others RU performed the test item "Output Power and Power Spectral Density" only.

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

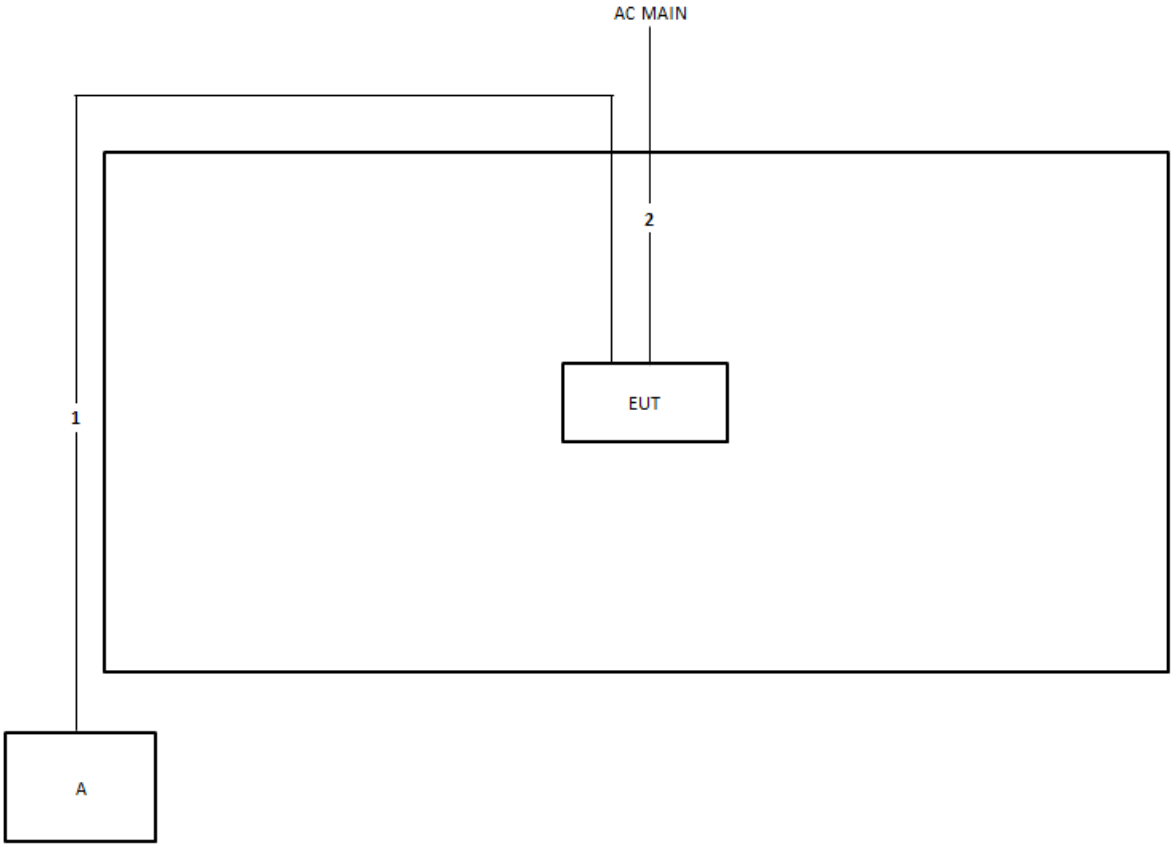
N/A

2.5 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Adapter	Ruckus	740-64277-001	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	3.1m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

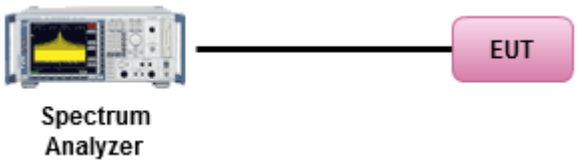
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

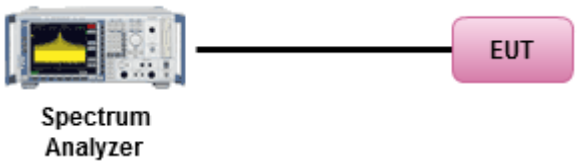
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

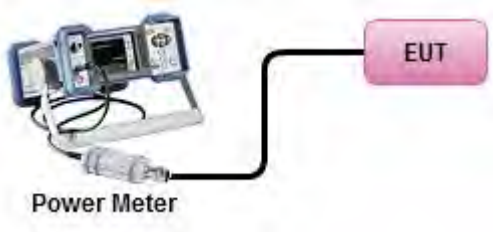
Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over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

3.2.4 Test Setup

For straddle channel

RF Output Power (Spectrum Analyzer)


For others channel

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

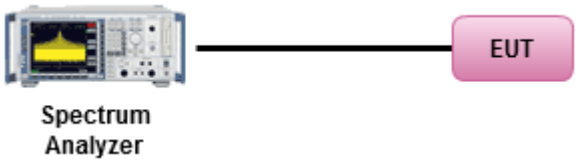
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC 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% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC 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:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.4.2 Measuring Instruments

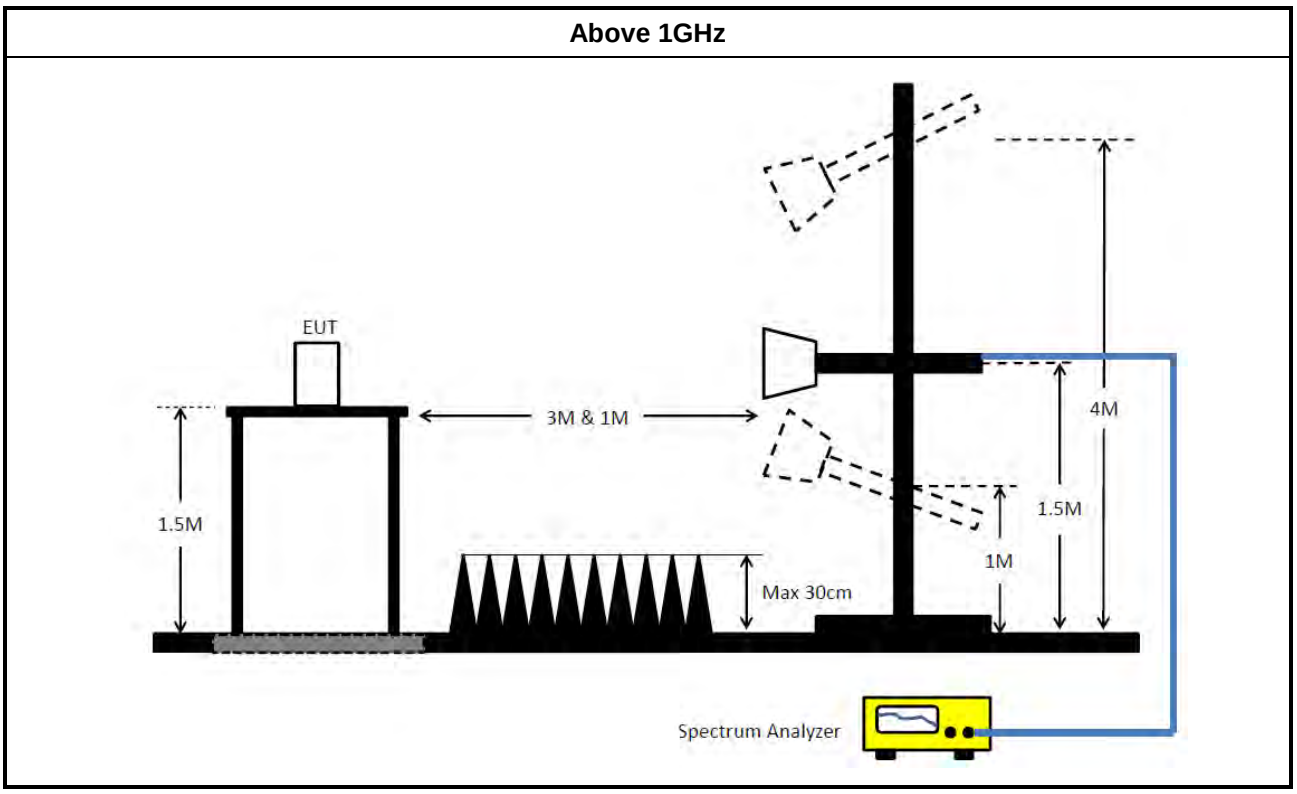
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒	Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐	Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

3.4.4 Test Setup

Above 1GHz



3.4.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.2M	16.392M	16M4D1D	18.825M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.95M	17.641M	17M6D1D	20.3M	17.566M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.35M	36.172M	36M2D1D	39.65M	36.071M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.3M	75.678M	75M7D1D	81.1M	75.294M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.5M	18.941M	18M9D1D	20.9M	18.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	77.142M	77M1D1D	82.2M	77.011M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.275M	16.417M	16M4D1D	14.46M	13.148M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.85M	17.616M	17M6D1D	15.105M	13.763M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.25M	36.162M	36M2D1D	34.86M	32.901M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.2M	75.592M	75M6D1D	75.6M	72.185M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.6M	18.941M	18M9D1D	15.45M	14.423M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.05M	37.802M	37M8D1D	35.42M	33.683M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	77.076M	77M1D1D	75.9M	73.038M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	3.438M	3M44D1D	3.14M	3.358M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.88M	4.018M	4M02D1D	3.76M	3.898M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.2M	3.535M	3M54D1D	3.18M	3.482M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.22M	4.447M	4M45D1D	3.16M	3.806M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.54M	4.538M	4M54D1D	4.34M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.08M	4.136M	4M14D1D	4.02M	4.068M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.1M	4.242M	4M24D1D	4.02M	4.131M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.975M	16.367M	18.875M	16.367M	19.075M	16.392M	19.15M	16.392M
5300MHz	Pass	Inf	19.2M	16.392M	18.925M	16.392M	19.05M	16.392M	19.025M	16.367M
5320MHz	Pass	Inf	18.9M	16.367M	18.825M	16.367M	19.075M	16.342M	19.125M	16.367M
5500MHz	Pass	Inf	18.95M	16.342M	19M	16.342M	19.225M	16.392M	19.15M	16.367M
5580MHz	Pass	Inf	18.925M	16.367M	18.975M	16.392M	19.275M	16.417M	19.05M	16.392M
5700MHz	Pass	Inf	18.975M	16.342M	19.025M	16.417M	19.025M	16.392M	19.025M	16.392M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.655M	13.163M	14.46M	13.148M	14.565M	13.163M	14.685M	13.148M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.438M	3.14M	3.358M	3.14M	3.398M	3.14M	3.358M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.4M	17.616M	20.75M	17.566M	20.95M	17.591M	20.8M	17.616M
5300MHz	Pass	Inf	20.625M	17.641M	20.6M	17.616M	20.75M	17.591M	20.425M	17.616M
5320MHz	Pass	Inf	20.475M	17.591M	20.425M	17.591M	20.3M	17.616M	20.825M	17.591M
5500MHz	Pass	Inf	20.85M	17.616M	20.65M	17.591M	20.4M	17.616M	20.55M	17.616M
5580MHz	Pass	Inf	20.825M	17.616M	20.7M	17.591M	20.625M	17.616M	20.425M	17.591M
5700MHz	Pass	Inf	20.475M	17.616M	20.725M	17.616M	20.475M	17.616M	20.85M	17.591M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.135M	13.793M	15.12M	13.763M	15.105M	13.778M	15.18M	13.793M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.018M	3.88M	3.958M	3.88M	3.898M	3.76M	3.938M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.15M	36.167M	40.2M	36.156M	39.65M	36.164M	40.05M	36.172M
5310MHz	Pass	Inf	39.75M	36.15M	40.35M	36.126M	39.8M	36.071M	40M	36.139M
5510MHz	Pass	Inf	39.8M	36.117M	39.75M	36.055M	39.9M	36.062M	39.4M	36.162M
5550MHz	Pass	Inf	39.9M	36.111M	39.9M	36.127M	39.85M	36.141M	39.65M	36.09M
5670MHz	Pass	Inf	39.9M	36.113M	39.75M	36.107M	39.75M	36.129M	40.25M	36.063M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.93M	32.983M	34.86M	32.901M	34.965M	32.908M	34.93M	32.924M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.5M	3.18M	3.535M	3.2M	3.482M	3.18M	3.522M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.3M	75.294M	81.2M	75.424M	81.2M	75.678M	81.1M	75.435M
5530MHz	Pass	Inf	81.8M	75.571M	81.4M	75.435M	81.4M	75.304M	81.1M	75.592M
5610MHz	Pass	Inf	82.2M	75.414M	81.3M	75.429M	81.8M	75.534M	81M	75.372M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	72.329M	76.05M	72.185M	75.825M	72.411M	75.6M	72.423M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.806M	3.22M	3.859M	3.16M	3.967M	3.2M	4.447M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.5M	18.916M	21.175M	18.841M	21.05M	18.891M	21.45M	18.916M
5300MHz	Pass	Inf	21.35M	18.916M	20.95M	18.866M	21.1M	18.916M	21.4M	18.941M
5320MHz	Pass	Inf	21.375M	18.866M	20.9M	18.916M	21.2M	18.916M	21.225M	18.891M
5500MHz	Pass	Inf	21.6M	18.866M	21.2M	18.941M	21.325M	18.891M	21.175M	18.841M
5580MHz	Pass	Inf	21.6M	18.941M	21.375M	18.891M	21.2M	18.916M	21.175M	18.891M
5700MHz	Pass	Inf	21.05M	18.891M	21.225M	18.916M	21.3M	18.891M	21.175M	18.916M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.423M	15.51M	14.438M	15.51M	14.423M	15.705M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.538M	4.54M	4.518M	4.46M	4.538M	4.34M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	40.9M	37.736M	40.4M	37.551M	40.55M	37.626M	40.85M	37.688M
5550MHz	Pass	Inf	40.75M	37.802M	40.85M	37.753M	40.55M	37.7M	40.5M	37.752M

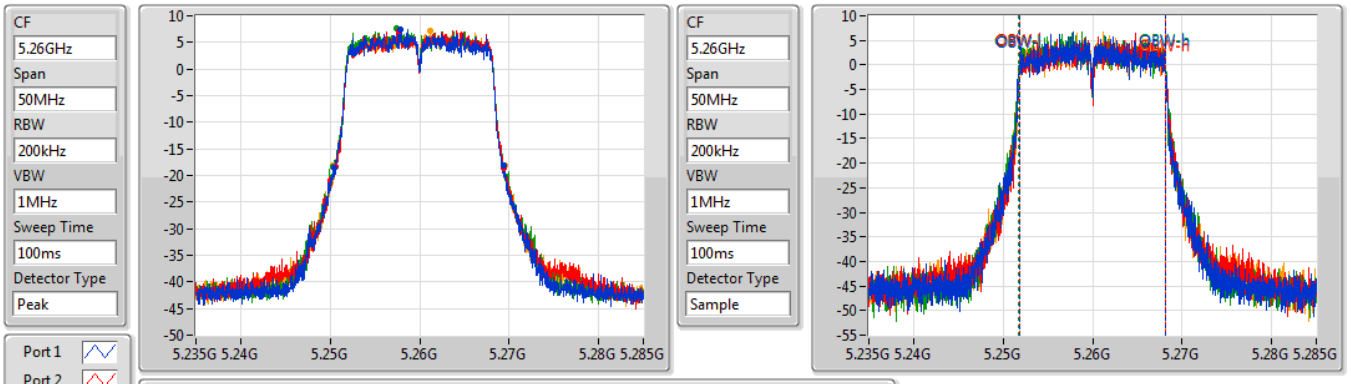
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.8M	37.752M	40.4M	37.683M	40.8M	37.668M	41.05M	37.686M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	33.699M	35.42M	33.755M	35.56M	33.683M	35.455M	33.773M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.072M	4.04M	4.136M	4.04M	4.126M	4.08M	4.068M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.073M	82.2M	77.041M	82.4M	77.142M	82.2M	77.011M
5530MHz	Pass	Inf	82.2M	76.981M	82.3M	77.06M	82.4M	77.028M	82M	77.067M
5610MHz	Pass	Inf	82.4M	76.748M	82.3M	76.841M	82.2M	76.852M	81.6M	77.076M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.041M	76.2M	73.1M	75.975M	73.038M	75.9M	73.079M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.17M	4.08M	4.131M	4.08M	4.177M	4.02M	4.242M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

18/09/2019

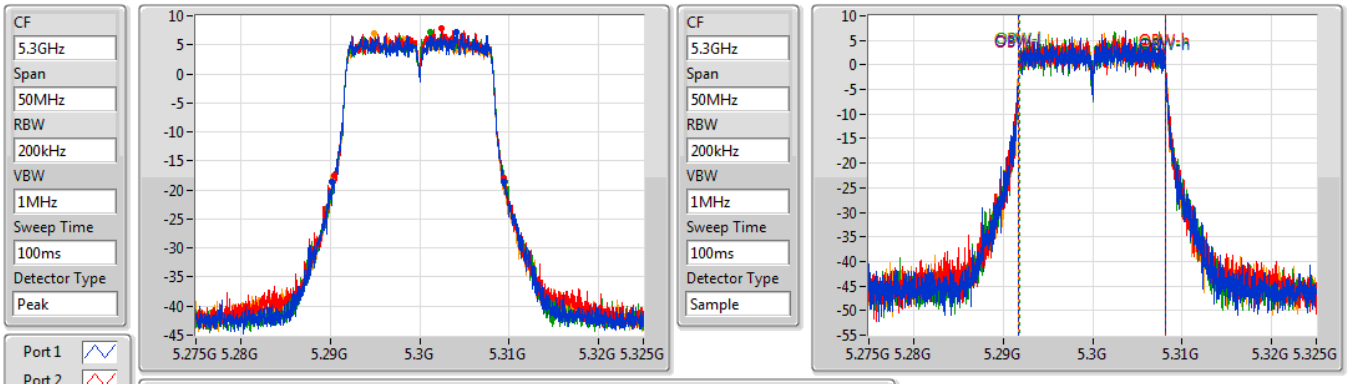


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.25045G	5.269425G	16.367M	5.251804G	5.268171G	Inf	1
18.875M	5.25055G	5.269425G	16.367M	5.251829G	5.268196G	Inf	2
19.075M	5.250375G	5.26945G	16.392M	5.251779G	5.268171G	Inf	3
19.15M	5.25035G	5.2695G	16.392M	5.251804G	5.268196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

18/09/2019

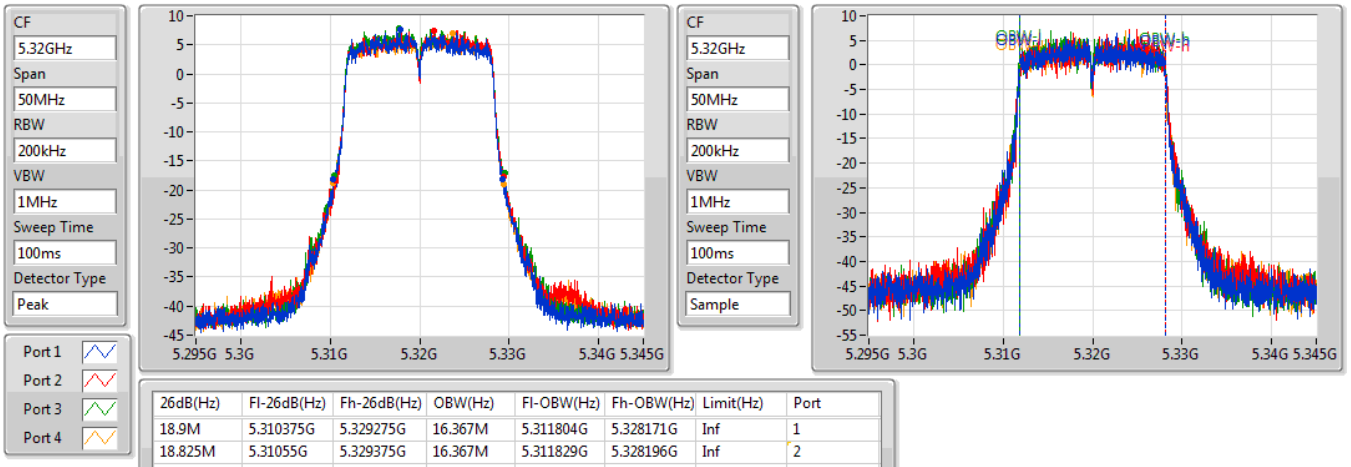


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.29025G	5.30945G	16.392M	5.291779G	5.308171G	Inf	1
18.925M	5.290475G	5.3094G	16.392M	5.291779G	5.308171G	Inf	2
19.05M	5.29045G	5.3095G	16.392M	5.291804G	5.308196G	Inf	3
19.025M	5.29035G	5.309375G	16.367M	5.291779G	5.308146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

18/09/2019

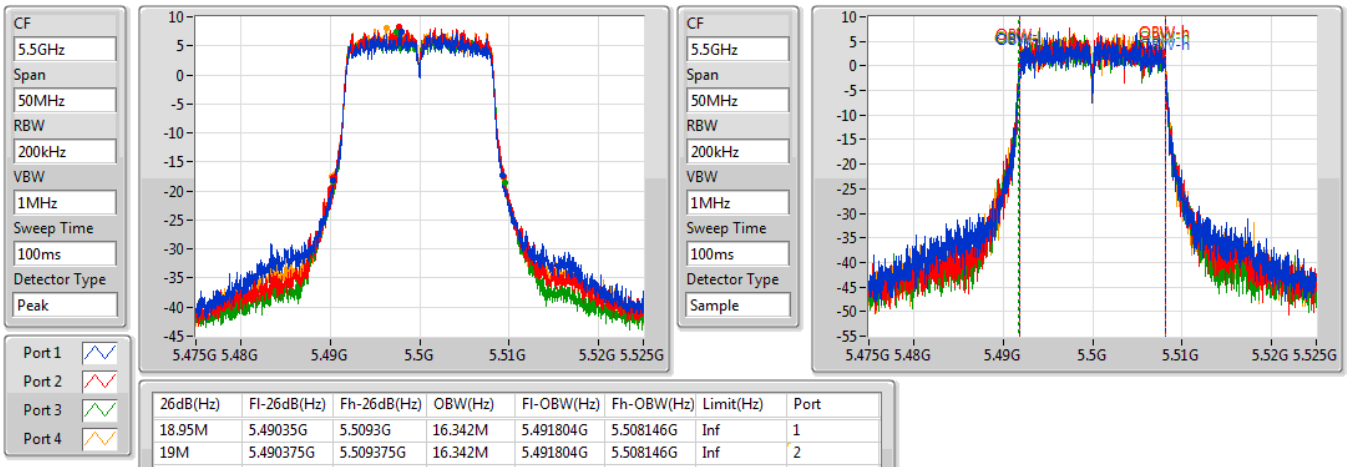


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.310375G	5.329275G	16.367M	5.311804G	5.328171G	Inf	1
18.825M	5.31055G	5.329375G	16.367M	5.311829G	5.328196G	Inf	2
19.075M	5.310425G	5.3295G	16.342M	5.311804G	5.328146G	Inf	3
19.125M	5.310325G	5.32945G	16.367M	5.311804G	5.328171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

18/09/2019

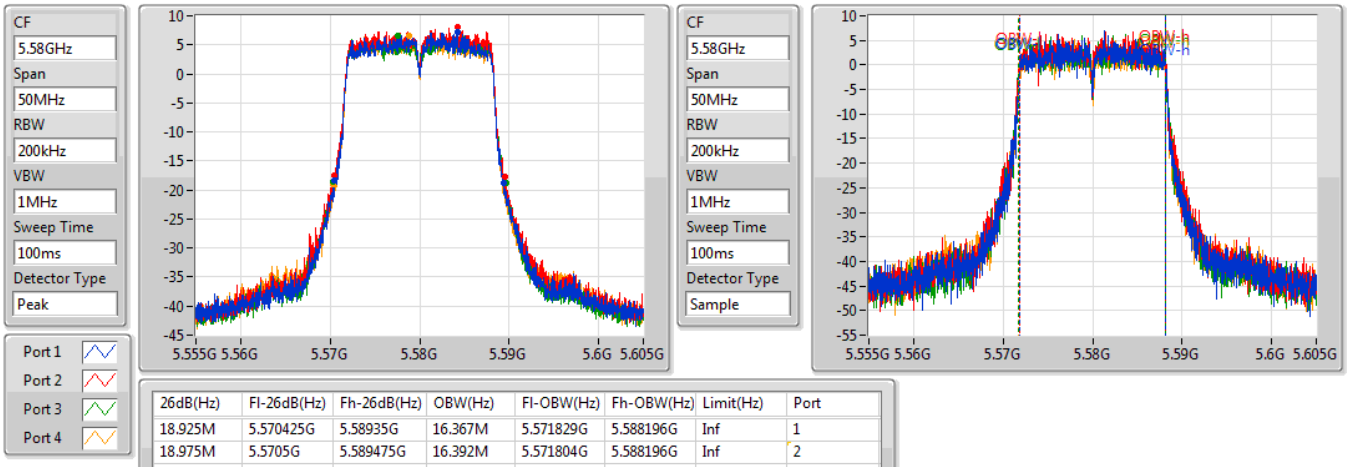


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	5.49035G	5.5093G	16.342M	5.491804G	5.508146G	Inf	1
19M	5.490375G	5.509375G	16.342M	5.491804G	5.508146G	Inf	2
19.225M	5.49035G	5.509575G	16.392M	5.491779G	5.508171G	Inf	3
19.15M	5.490225G	5.509375G	16.367M	5.491804G	5.508171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

18/09/2019

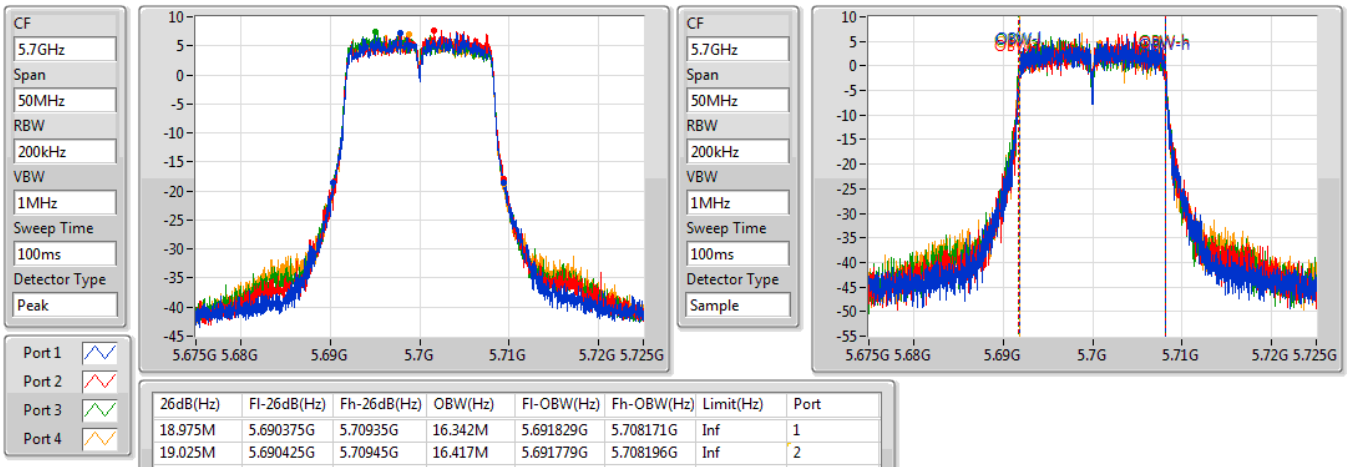


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.570425G	5.58935G	16.367M	5.571829G	5.588196G	Inf	1
18.975M	5.5705G	5.589475G	16.392M	5.571804G	5.588196G	Inf	2
19.275M	5.57035G	5.589625G	16.417M	5.571779G	5.588196G	Inf	3
19.05M	5.57035G	5.5894G	16.392M	5.571779G	5.588171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

18/09/2019

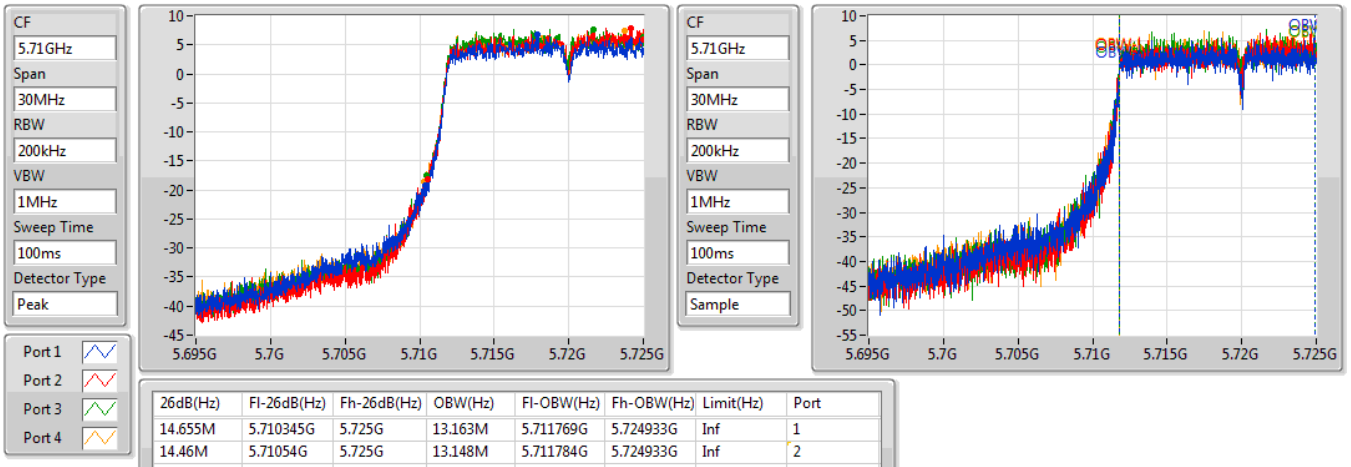


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.690375G	5.70935G	16.342M	5.691829G	5.708171G	Inf	1
19.025M	5.690425G	5.70945G	16.417M	5.691779G	5.708196G	Inf	2
19.025M	5.690425G	5.70945G	16.392M	5.691779G	5.708171G	Inf	3
19.025M	5.690375G	5.7094G	16.392M	5.691804G	5.708196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

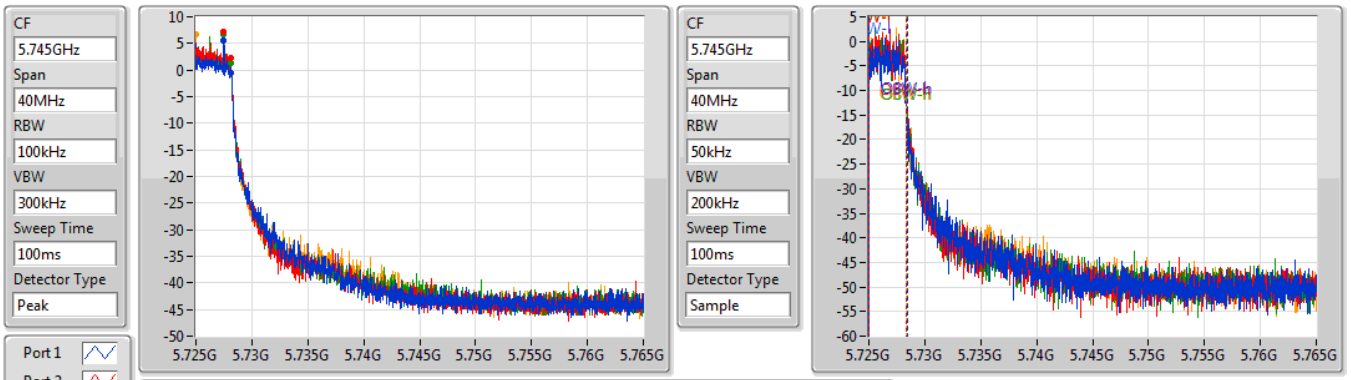


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.655M	5.710345G	5.725G	13.163M	5.711769G	5.724933G	Inf	1
14.46M	5.71054G	5.725G	13.148M	5.711784G	5.724933G	Inf	2
14.565M	5.710435G	5.725G	13.163M	5.711769G	5.724933G	Inf	3
14.685M	5.710315G	5.725G	13.148M	5.711769G	5.724918G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

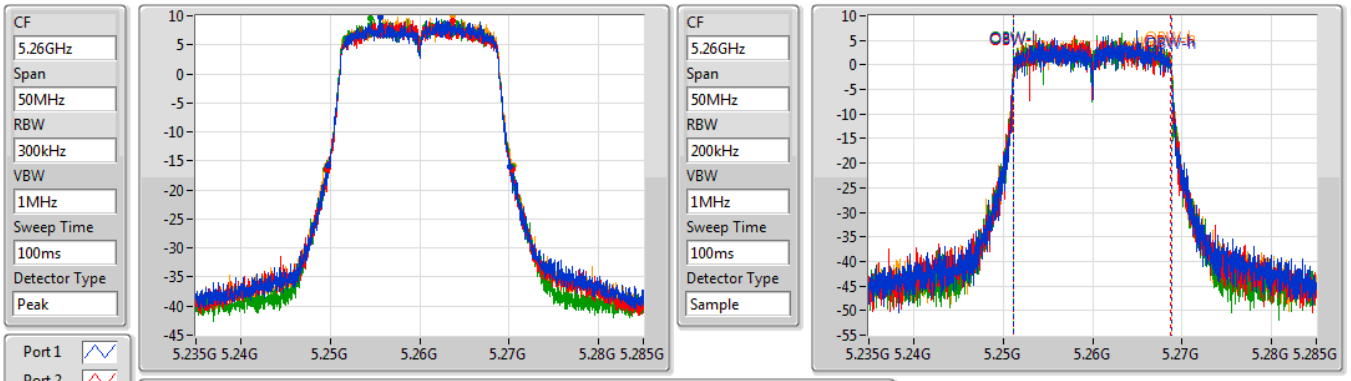


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.438M	5.72501G	5.728448G	500k	1
3.14M	5.725G	5.72814G	3.358M	5.72501G	5.728368G	500k	2
3.14M	5.725G	5.72814G	3.398M	5.72501G	5.728408G	500k	3
3.14M	5.725G	5.72814G	3.358M	5.72501G	5.728368G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

18/09/2019

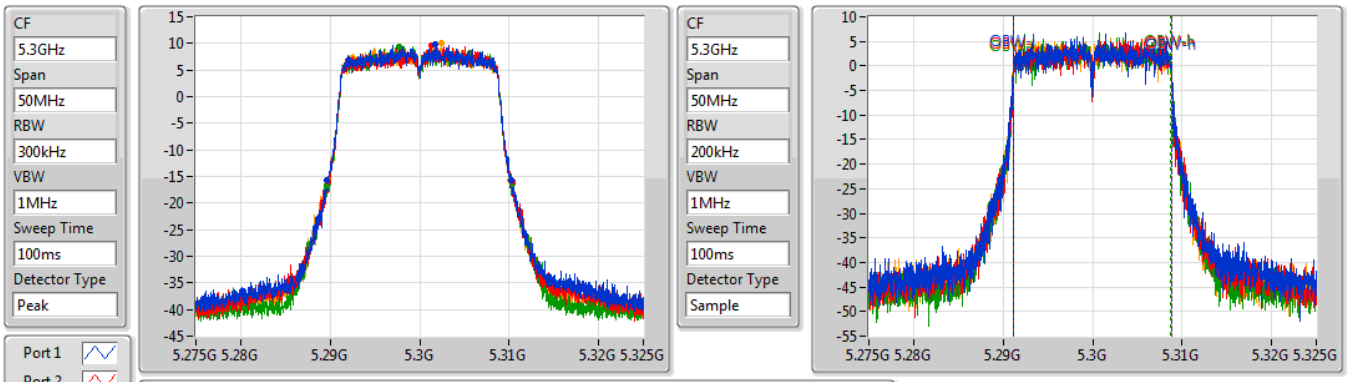


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.24975G	5.27015G	17.616M	5.251179G	5.268796G	Inf	1
20.75M	5.249675G	5.270425G	17.566M	5.251179G	5.268746G	Inf	2
20.95M	5.24945G	5.2704G	17.591M	5.251179G	5.268771G	Inf	3
20.8M	5.249675G	5.270475G	17.616M	5.251179G	5.268796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

18/09/2019

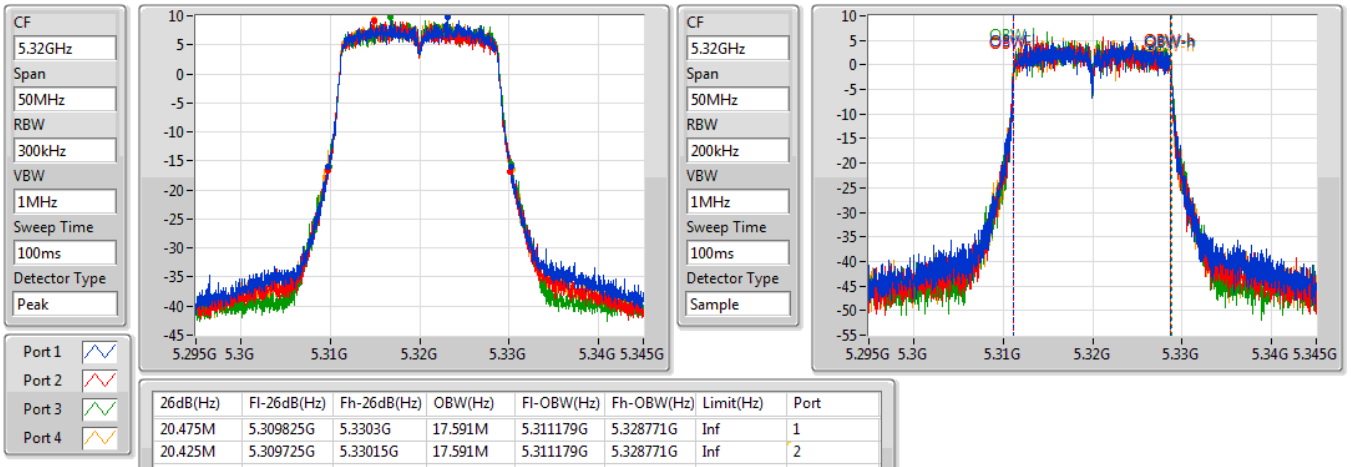


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.28965G	5.310275G	17.641M	5.291154G	5.308796G	Inf	1
20.6M	5.289725G	5.310325G	17.616M	5.291179G	5.308796G	Inf	2
20.75M	5.289675G	5.310425G	17.591M	5.291179G	5.308771G	Inf	3
20.425M	5.289725G	5.31015G	17.616M	5.291179G	5.308796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

18/09/2019

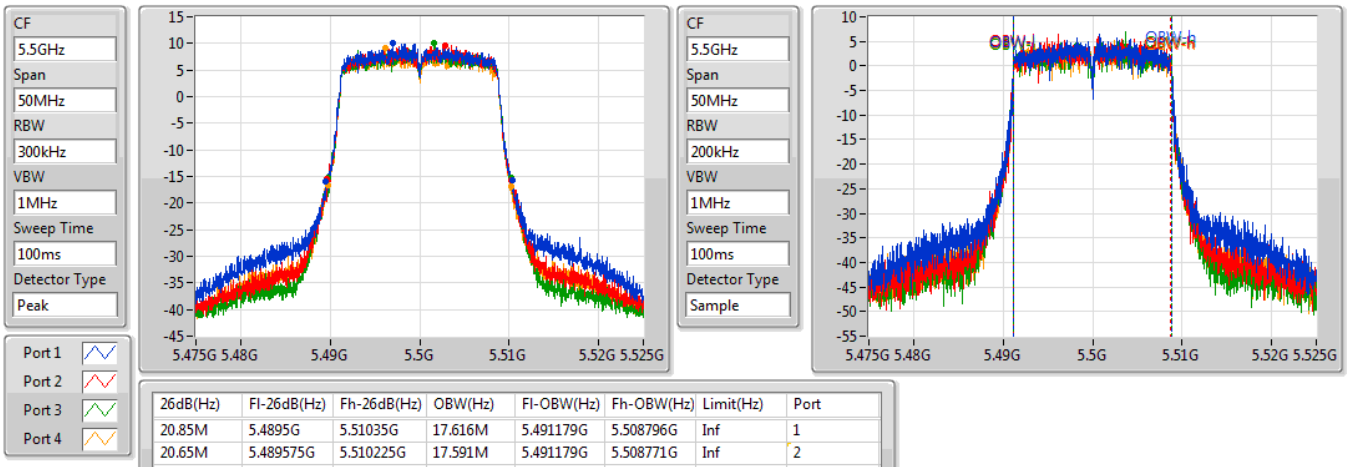


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.309825G	5.3303G	17.591M	5.311179G	5.328771G	Inf	1
20.425M	5.309725G	5.33015G	17.591M	5.311179G	5.328771G	Inf	2
20.3M	5.309925G	5.330225G	17.616M	5.311179G	5.328796G	Inf	3
20.825M	5.3096G	5.330425G	17.591M	5.311179G	5.328771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

18/09/2019

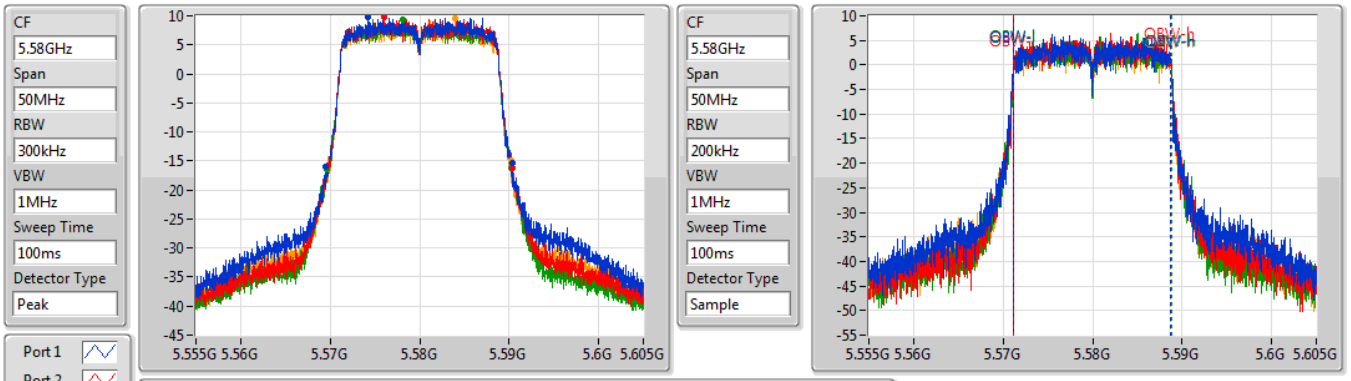


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.4895G	5.51035G	17.616M	5.491179G	5.508796G	Inf	1
20.65M	5.489575G	5.510225G	17.591M	5.491179G	5.508771G	Inf	2
20.4M	5.489825G	5.510225G	17.616M	5.491179G	5.508796G	Inf	3
20.55M	5.489725G	5.510275G	17.616M	5.491179G	5.508796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

18/09/2019

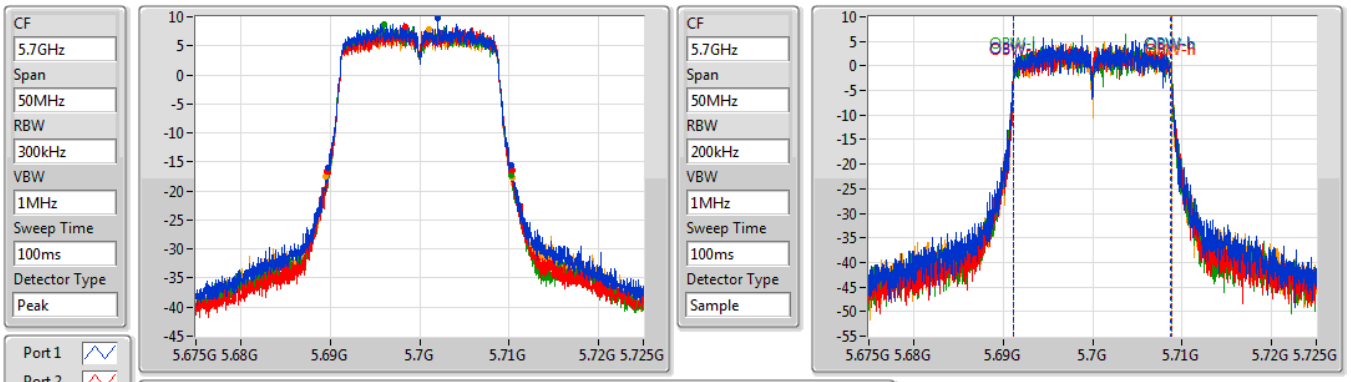


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.825M	5.5695G	5.590325G	17.616M	5.571154G	5.588771G	Inf	1
20.7M	5.5697G	5.5904G	17.591M	5.571179G	5.588771G	Inf	2
20.625M	5.569625G	5.59025G	17.616M	5.571179G	5.588796G	Inf	3
20.425M	5.56975G	5.590175G	17.591M	5.571179G	5.588771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

18/09/2019

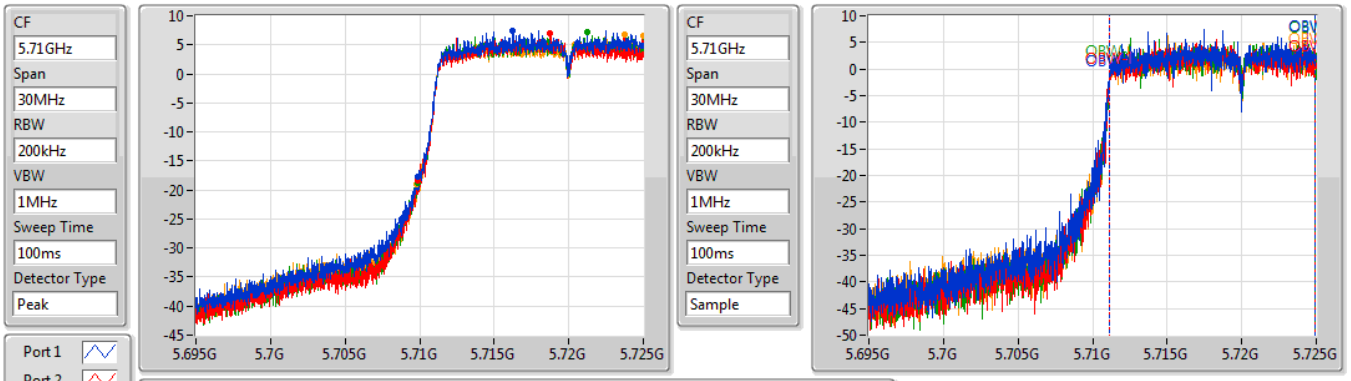


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.689775G	5.71025G	17.616M	5.691154G	5.708771G	Inf	1
20.725M	5.689625G	5.71035G	17.616M	5.691179G	5.708796G	Inf	2
20.475M	5.68975G	5.710225G	17.616M	5.691179G	5.708796G	Inf	3
20.85M	5.689525G	5.710375G	17.591M	5.691179G	5.708771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

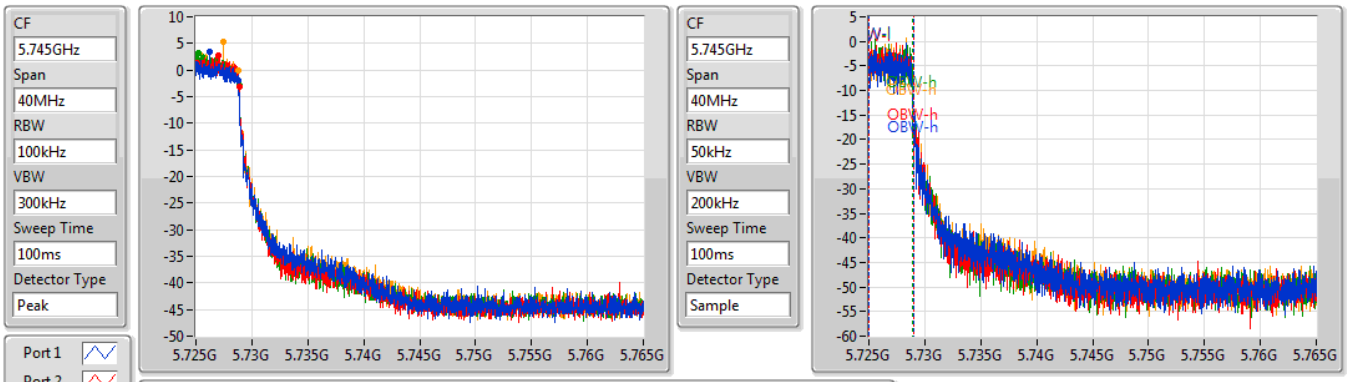


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.135M	5.709865G	5.725G	13.793M	5.711139G	5.724933G	Inf	1
15.12M	5.70988G	5.725G	13.763M	5.711139G	5.724903G	Inf	2
15.105M	5.709895G	5.725G	13.778M	5.711154G	5.724933G	Inf	3
15.18M	5.70982G	5.725G	13.793M	5.711124G	5.724918G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

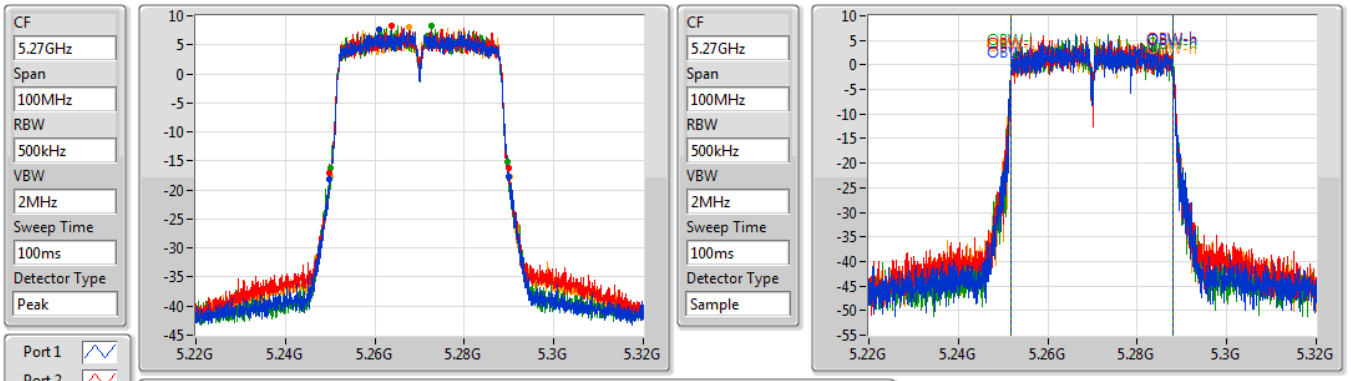


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	4.018M	5.72501G	5.729028G	500k	1
3.88M	5.725G	5.72888G	3.958M	5.72501G	5.728968G	500k	2
3.88M	5.725G	5.72888G	3.898M	5.72503G	5.728928G	500k	3
3.76M	5.725G	5.72876G	3.938M	5.72501G	5.728948G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

17/09/2019

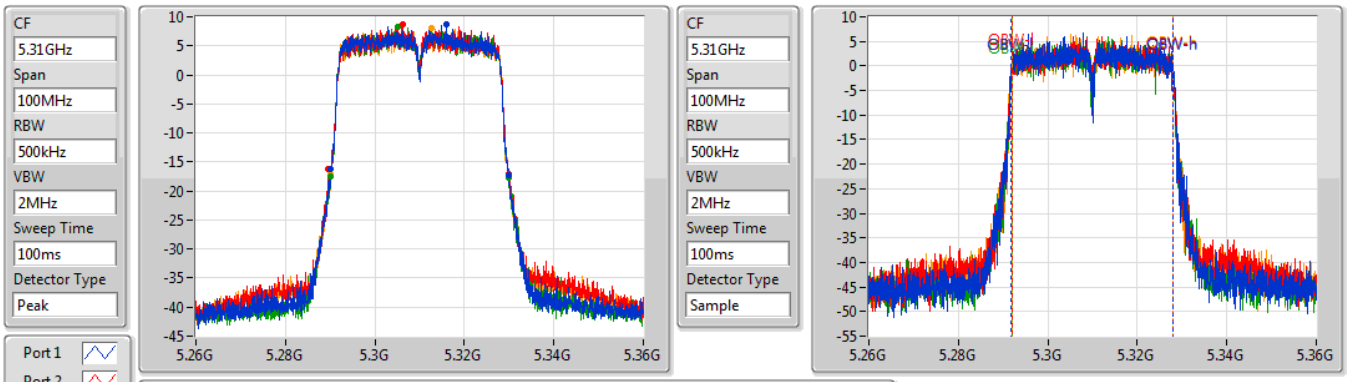


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.2499G	5.29005G	36.167M	5.251868G	5.288035G	Inf	1
40.2M	5.2498G	5.29G	36.156M	5.251883G	5.288038G	Inf	2
39.65M	5.25005G	5.2897G	36.164M	5.251886G	5.28805G	Inf	3
40.05M	5.25005G	5.2901G	36.172M	5.251869G	5.288041G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

17/09/2019

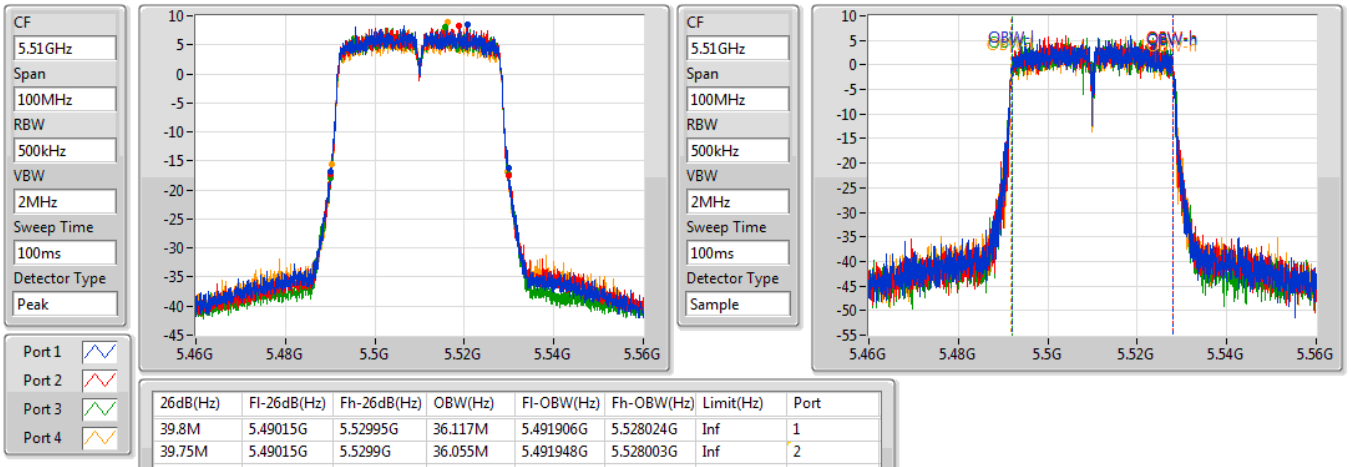


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.75M	5.2902G	5.32995G	36.15M	5.291867G	5.328017G	Inf	1
40.35M	5.2895G	5.32985G	36.126M	5.291912G	5.328039G	Inf	2
39.8M	5.29005G	5.32985G	36.071M	5.291904G	5.327975G	Inf	3
40M	5.29005G	5.33005G	36.139M	5.291895G	5.328033G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

17/09/2019

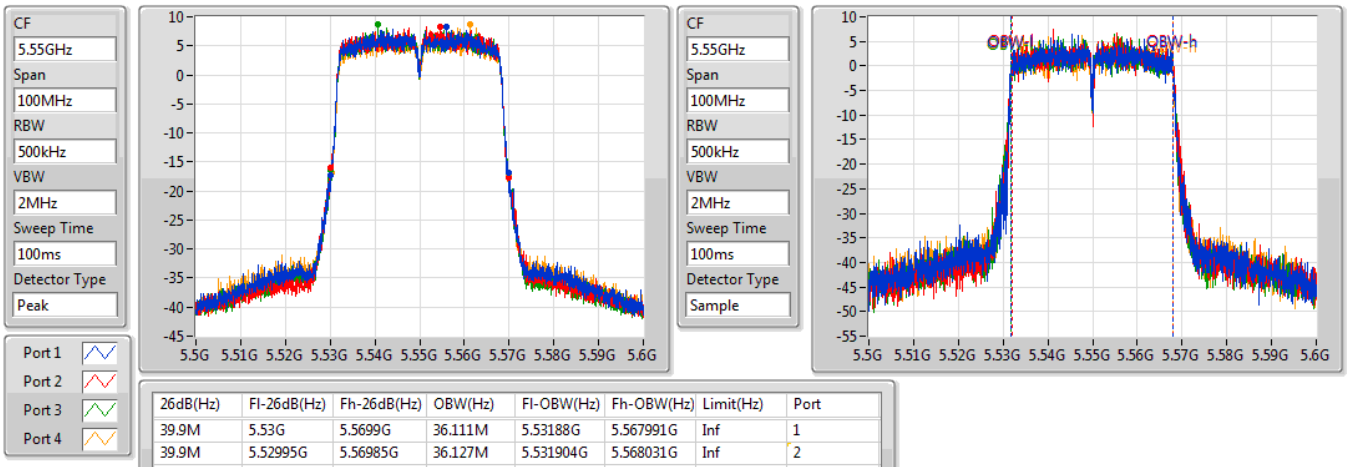


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.49015G	5.52995G	36.117M	5.491906G	5.528024G	Inf	1
39.75M	5.49015G	5.5299G	36.055M	5.491948G	5.528003G	Inf	2
39.9M	5.49005G	5.52995G	36.062M	5.491899G	5.527961G	Inf	3
39.4M	5.4903G	5.5297G	36.162M	5.49188G	5.528042G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

17/09/2019

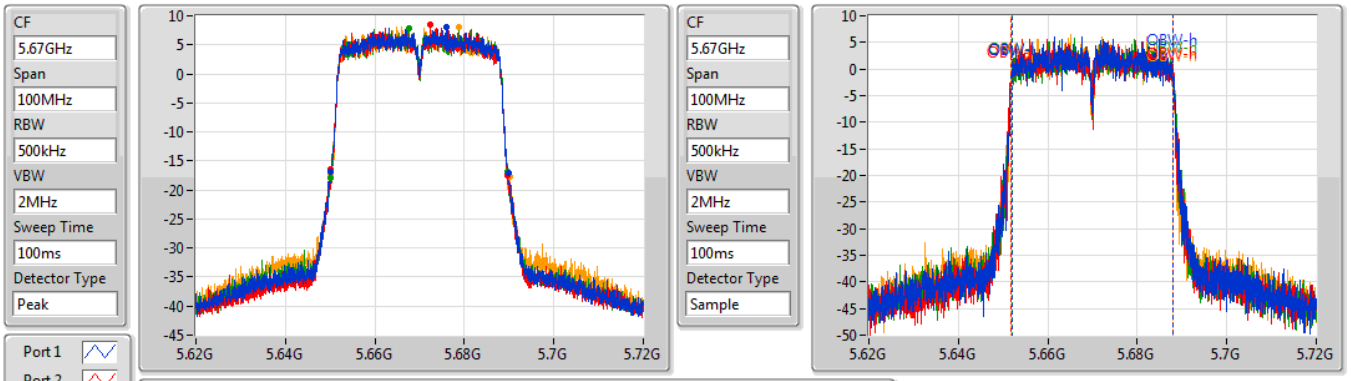


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53G	5.5699G	36.111M	5.53188G	5.567991G	Inf	1
39.9M	5.52995G	5.56985G	36.127M	5.531904G	5.568031G	Inf	2
39.85M	5.53G	5.56985G	36.141M	5.531859G	5.567999G	Inf	3
39.65M	5.5303G	5.56995G	36.09M	5.531892G	5.567982G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

17/09/2019

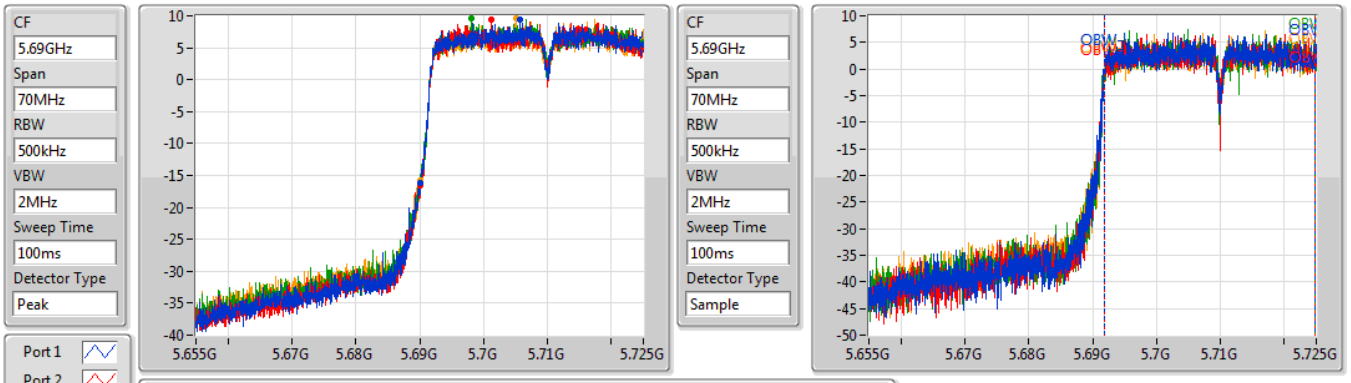


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.65G	5.6899G	36.113M	5.651898G	5.688011G	Inf	1
39.75M	5.65G	5.68975G	36.107M	5.651849G	5.687956G	Inf	2
39.75M	5.64995G	5.6897G	36.129M	5.651901G	5.68803G	Inf	3
40.25M	5.64995G	5.6902G	36.063M	5.65186G	5.687923G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/09/2019

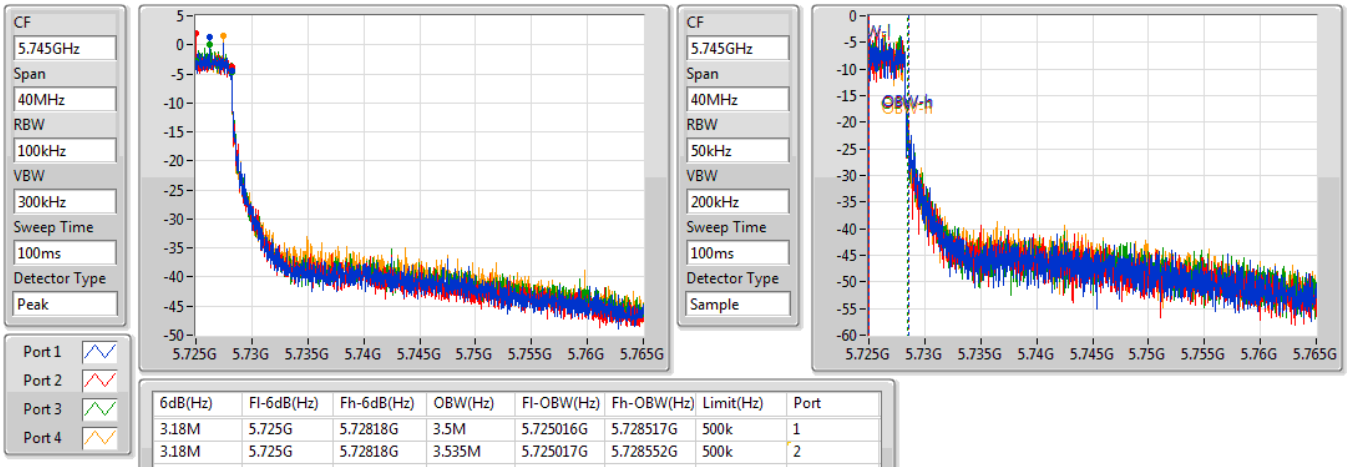


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.93M	5.69007G	5.725G	32.983M	5.691863G	5.724846G	Inf	1
34.86M	5.69014G	5.725G	32.901M	5.691869G	5.72477G	Inf	2
34.965M	5.690035G	5.725G	32.908M	5.691881G	5.724789G	Inf	3
34.93M	5.69007G	5.725G	32.924M	5.69185G	5.724774G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/09/2019

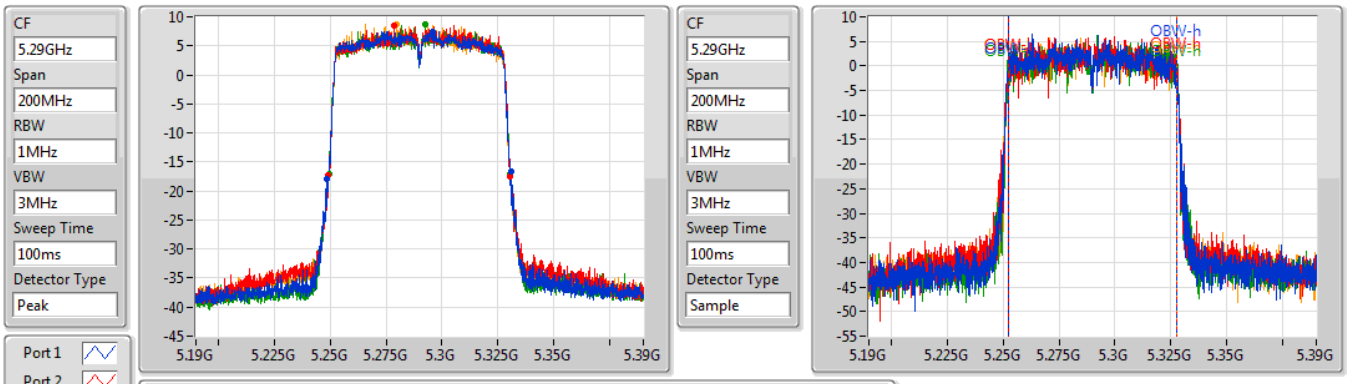


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.5M	5.725016G	5.728517G	500k	1
3.18M	5.725G	5.72818G	3.535M	5.725017G	5.728552G	500k	2
3.2M	5.725G	5.7282G	3.482M	5.725018G	5.7285G	500k	3
3.18M	5.725G	5.72818G	3.522M	5.725023G	5.728545G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

17/09/2019

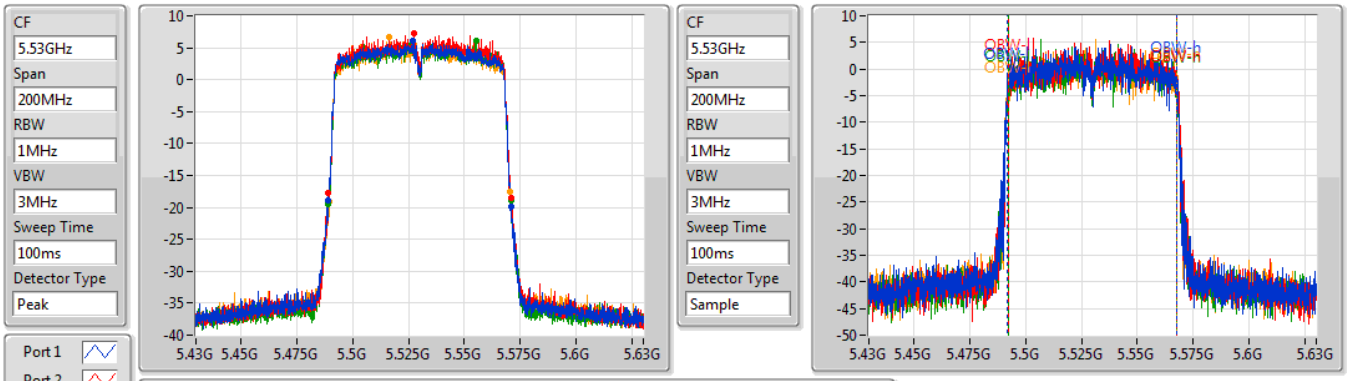


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.2484G	5.3307G	75.294M	5.252199G	5.327493G	Inf	1
81.2M	5.2493G	5.3305G	75.424M	5.252279G	5.327704G	Inf	2
81.2M	5.2494G	5.3306G	75.678M	5.252138G	5.327816G	Inf	3
81.1M	5.2493G	5.3304G	75.435M	5.252221G	5.327656G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

17/09/2019

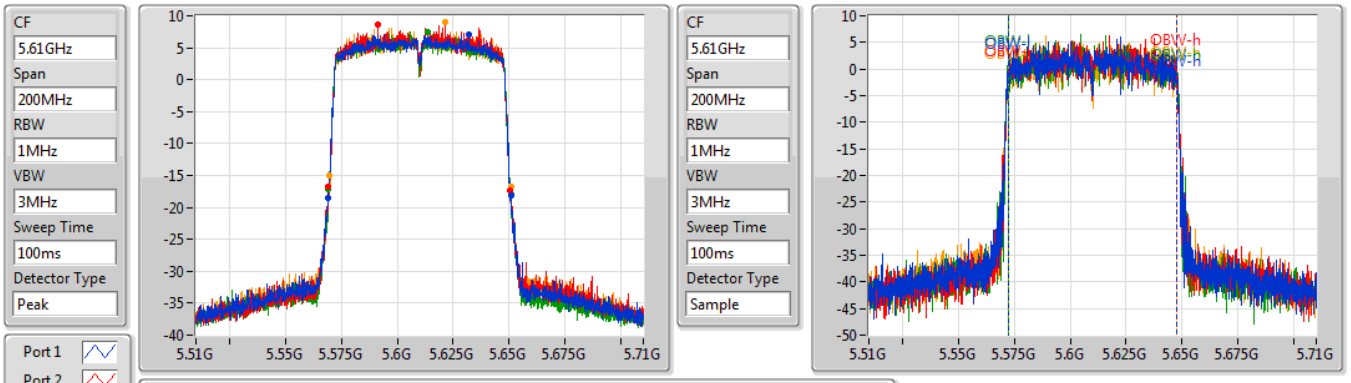


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.4891G	5.5709G	75.571M	5.492102G	5.567674G	Inf	1
81.4M	5.4893G	5.5707G	75.435M	5.492315G	5.56775G	Inf	2
81.4M	5.4893G	5.5707G	75.304M	5.492345G	5.567649G	Inf	3
81.1M	5.4895G	5.5706G	75.592M	5.492158G	5.56775G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

17/09/2019

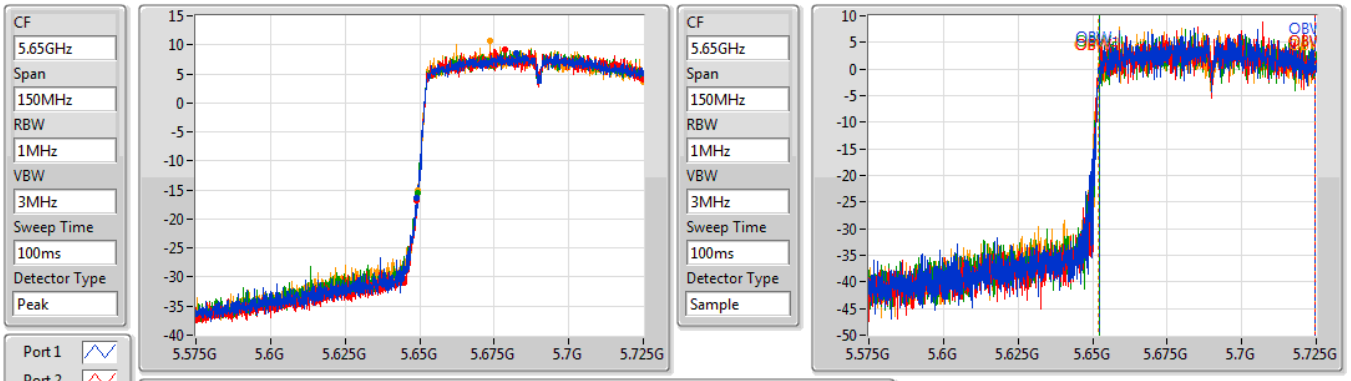


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.5689G	5.6511G	75.414M	5.572169G	5.647584G	Inf	1
81.3M	5.5693G	5.6506G	75.429M	5.572209G	5.647638G	Inf	2
81.8M	5.569G	5.6508G	75.534M	5.572164G	5.647698G	Inf	3
81M	5.5697G	5.6507G	75.372M	5.572216G	5.647587G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

17/09/2019

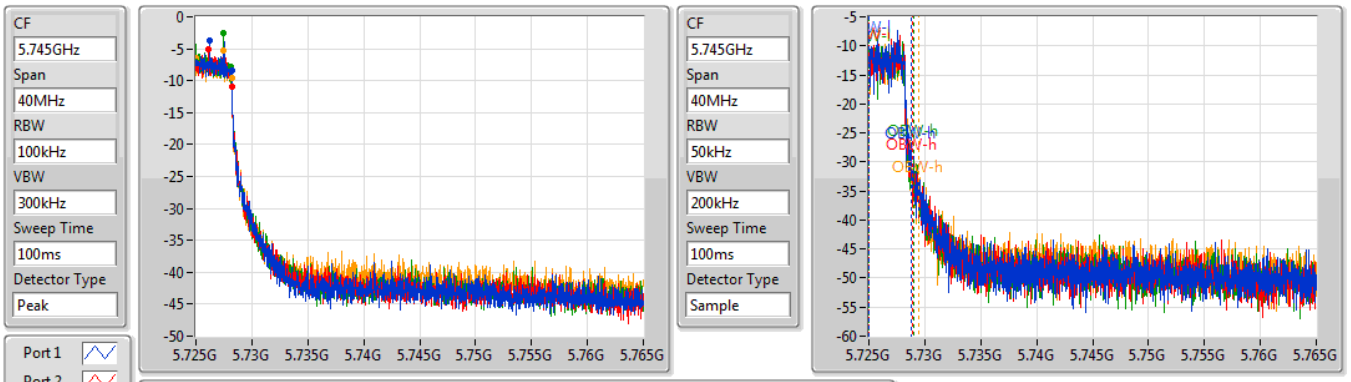


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	72.329M	5.652203G	5.724532G	Inf	1
76.05M	5.64895G	5.725G	72.185M	5.652192G	5.724377G	Inf	2
75.825M	5.649175G	5.725G	72.411M	5.65214G	5.724551G	Inf	3
75.6M	5.6494G	5.725G	72.423M	5.652046G	5.724468G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

17/09/2019

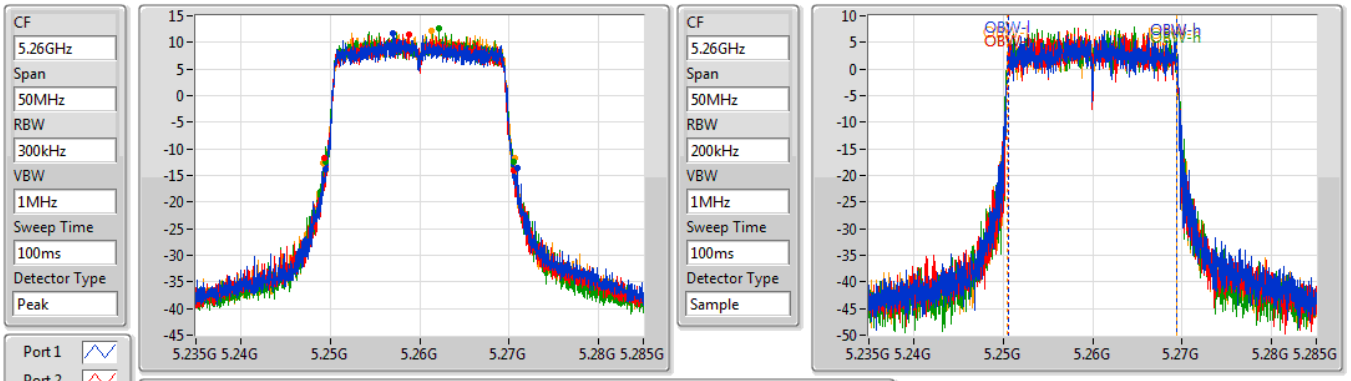


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.806M	5.725022G	5.728828G	500k	1
3.22M	5.725G	5.72822G	3.859M	5.725016G	5.728875G	500k	2
3.16M	5.725G	5.72816G	3.967M	5.725017G	5.728983G	500k	3
3.2M	5.725G	5.7282G	4.447M	5.725016G	5.729463G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

18/09/2019

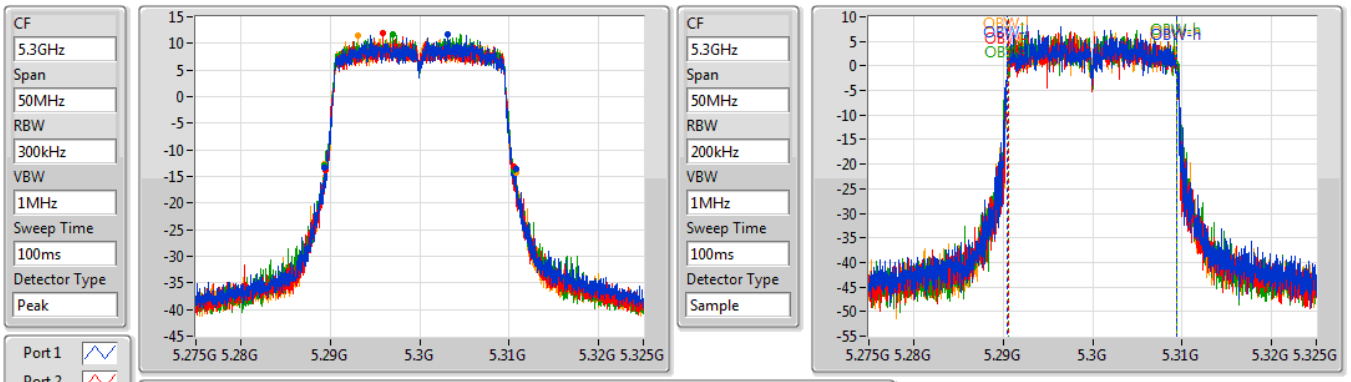


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.24945G	5.27095G	18.916M	5.25053G	5.269445G	Inf	1
21.175M	5.249375G	5.27055G	18.841M	5.250555G	5.269395G	Inf	2
21.05M	5.2495G	5.27055G	18.891M	5.25053G	5.26942G	Inf	3
21.45M	5.24925G	5.2707G	18.916M	5.250505G	5.26942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

18/09/2019

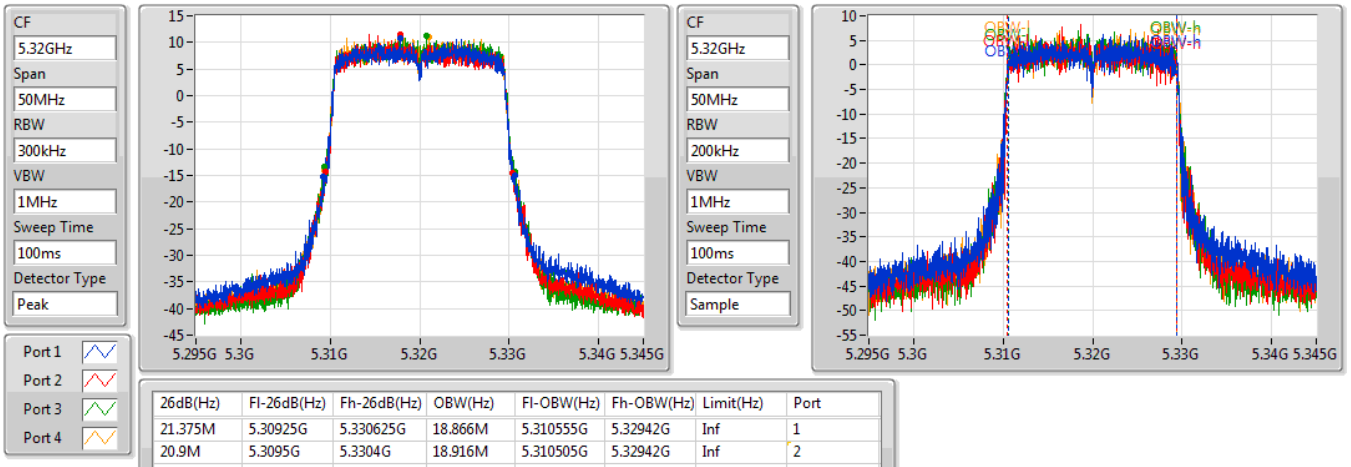


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.35M	5.2894G	5.31075G	18.916M	5.290505G	5.30942G	Inf	1
20.95M	5.289525G	5.310475G	18.866M	5.29053G	5.309395G	Inf	2
21.1M	5.289375G	5.310475G	18.916M	5.29053G	5.309445G	Inf	3
21.4M	5.289325G	5.310725G	18.941M	5.290505G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

18/09/2019

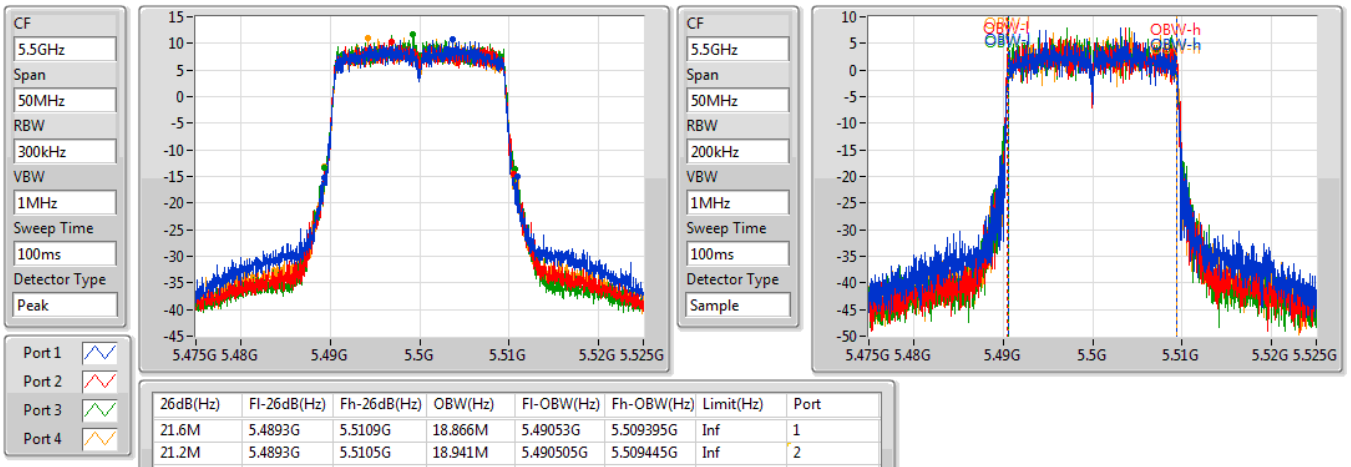


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.30925G	5.330625G	18.866M	5.310555G	5.32942G	Inf	1
20.9M	5.3095G	5.3304G	18.916M	5.310505G	5.32942G	Inf	2
21.2M	5.3094G	5.3306G	18.916M	5.31053G	5.329445G	Inf	3
21.225M	5.3094G	5.330625G	18.891M	5.31053G	5.32942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

18/09/2019

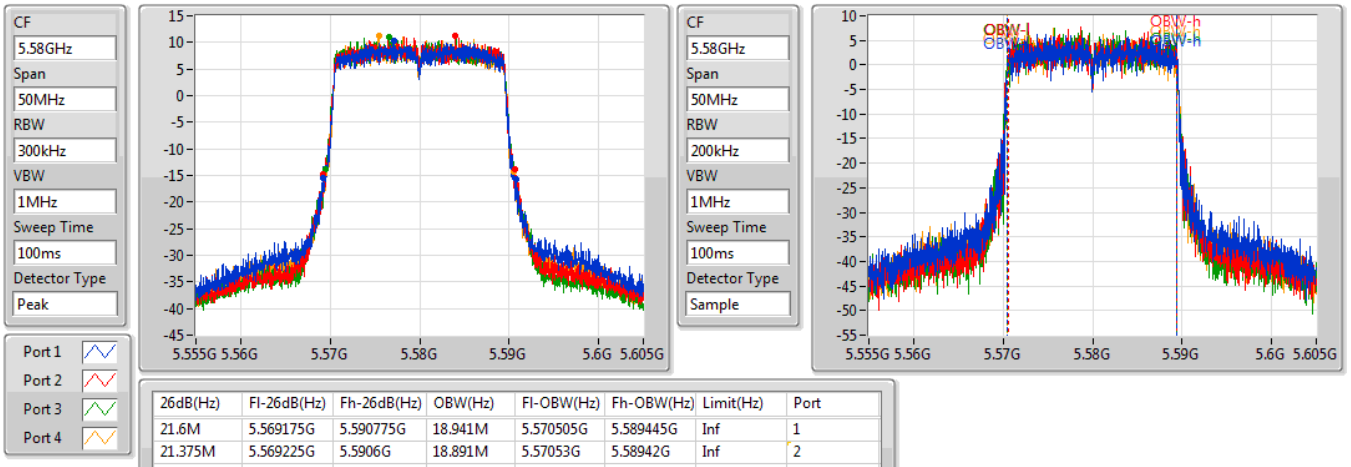


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.4893G	5.5109G	18.866M	5.49053G	5.509395G	Inf	1
21.2M	5.4893G	5.5105G	18.941M	5.490505G	5.509445G	Inf	2
21.325M	5.4893G	5.510625G	18.891M	5.49053G	5.50942G	Inf	3
21.175M	5.489375G	5.51055G	18.841M	5.490555G	5.509395G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

18/09/2019

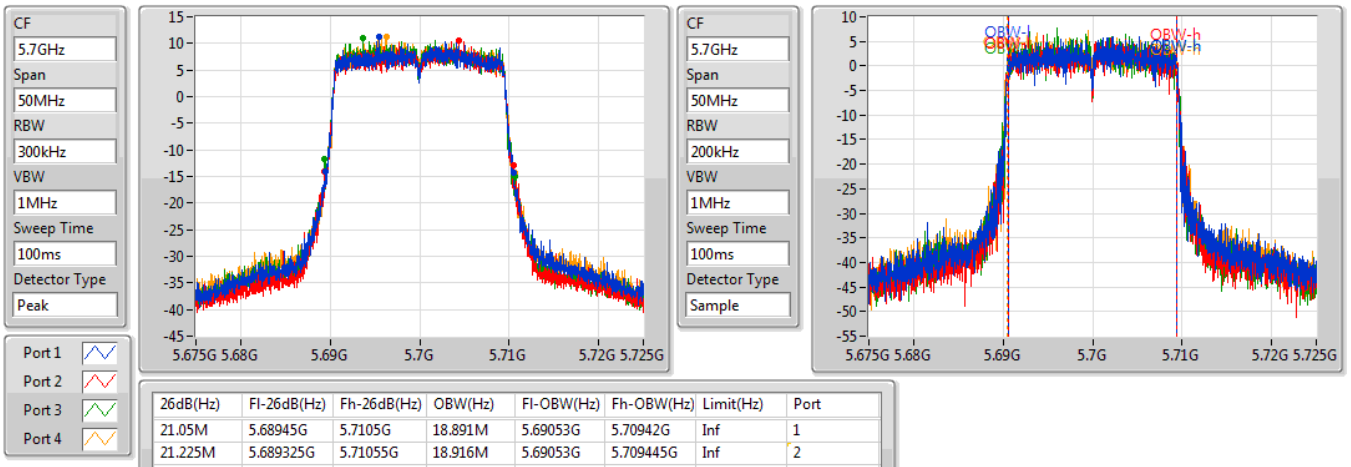


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.569175G	5.590775G	18.941M	5.570505G	5.589445G	Inf	1
21.375M	5.569225G	5.5906G	18.891M	5.57053G	5.58942G	Inf	2
21.2M	5.569425G	5.590625G	18.916M	5.570505G	5.58942G	Inf	3
21.175M	5.569325G	5.5905G	18.891M	5.570505G	5.589395G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

18/09/2019

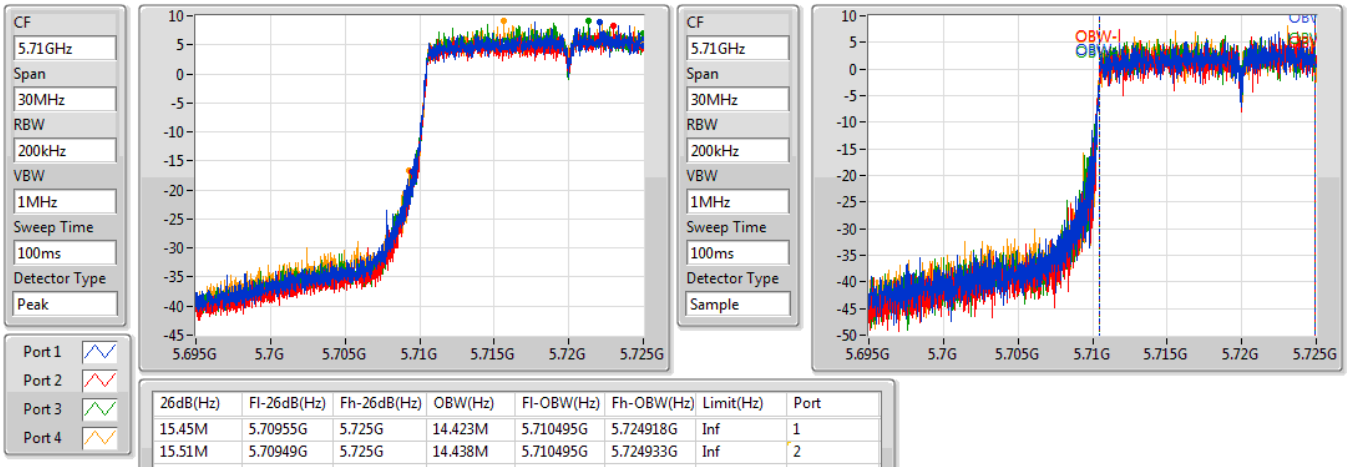


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.05M	5.68945G	5.7105G	18.891M	5.69053G	5.70942G	Inf	1
21.225M	5.689325G	5.71055G	18.916M	5.69053G	5.709445G	Inf	2
21.3M	5.6894G	5.7107G	18.891M	5.69053G	5.70942G	Inf	3
21.175M	5.689475G	5.71065G	18.916M	5.690505G	5.70942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

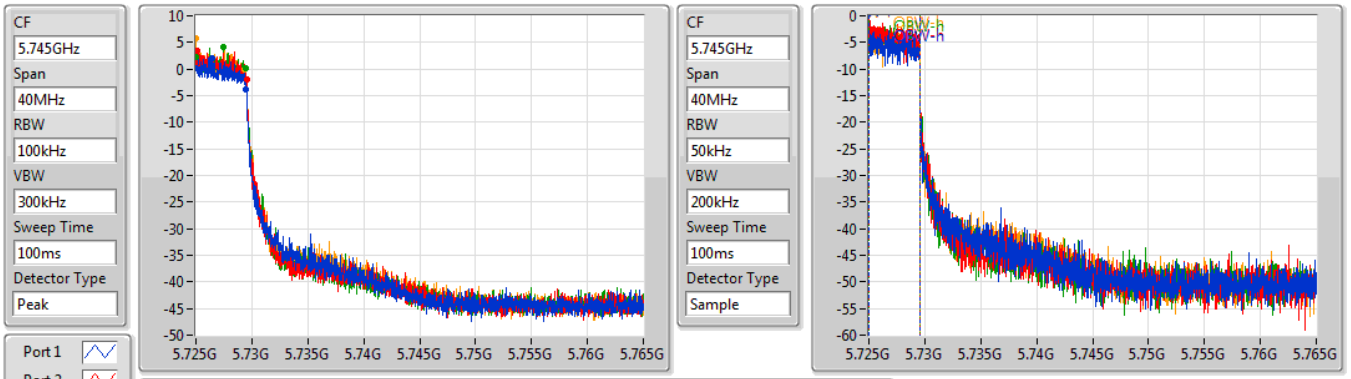


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	5.70955G	5.725G	14.423M	5.710495G	5.724918G	Inf	1
15.51M	5.70949G	5.725G	14.438M	5.710495G	5.724933G	Inf	2
15.51M	5.70949G	5.725G	14.423M	5.710495G	5.724918G	Inf	3
15.705M	5.709295G	5.725G	14.423M	5.710495G	5.724918G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

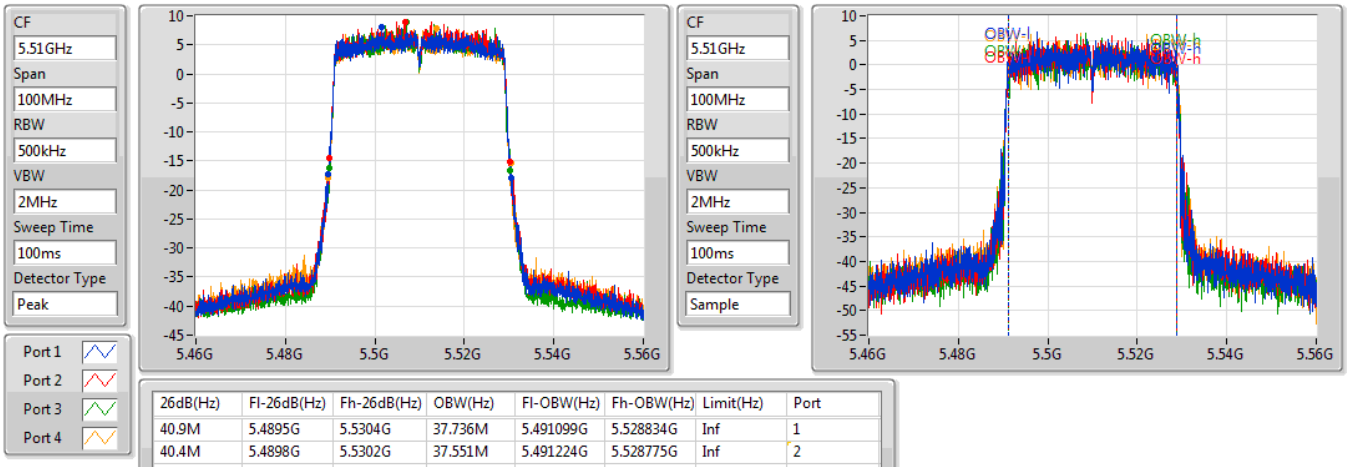


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.5M	5.725G	5.7295G	4.538M	5.72501G	5.729548G	500k	1
4.54M	5.725G	5.72954G	4.518M	5.72503G	5.729548G	500k	2
4.46M	5.725G	5.72946G	4.538M	5.72501G	5.729548G	500k	3
4.34M	5.725G	5.72934G	4.518M	5.72503G	5.729548G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

17/09/2019

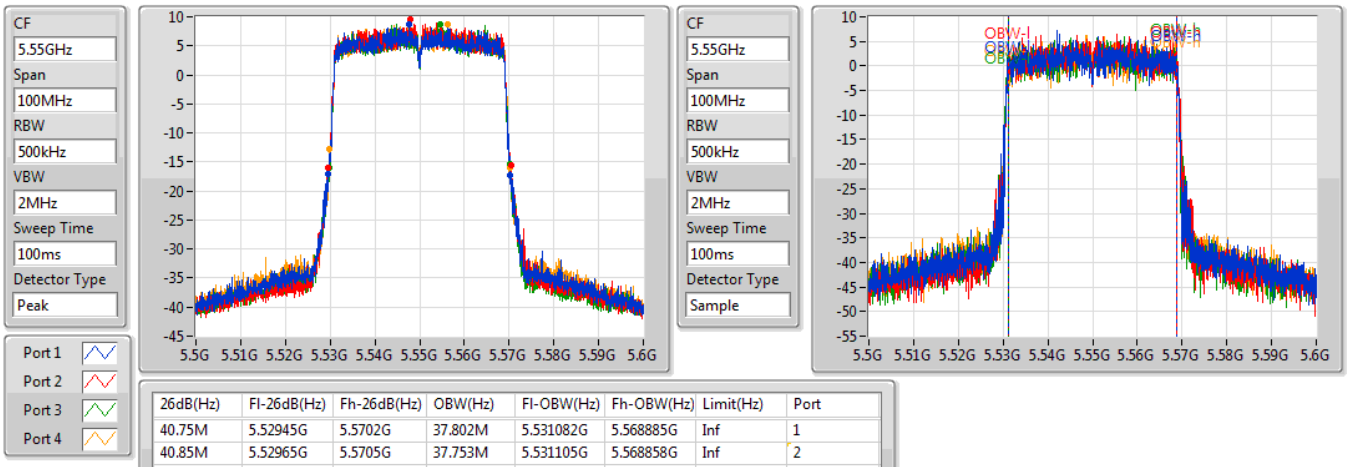


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.9M	5.4895G	5.5304G	37.736M	5.491099G	5.528834G	Inf	1
40.4M	5.4898G	5.5302G	37.551M	5.491224G	5.528775G	Inf	2
40.55M	5.48975G	5.5303G	37.626M	5.491194G	5.528819G	Inf	3
40.85M	5.48965G	5.5305G	37.688M	5.491124G	5.528813G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

17/09/2019

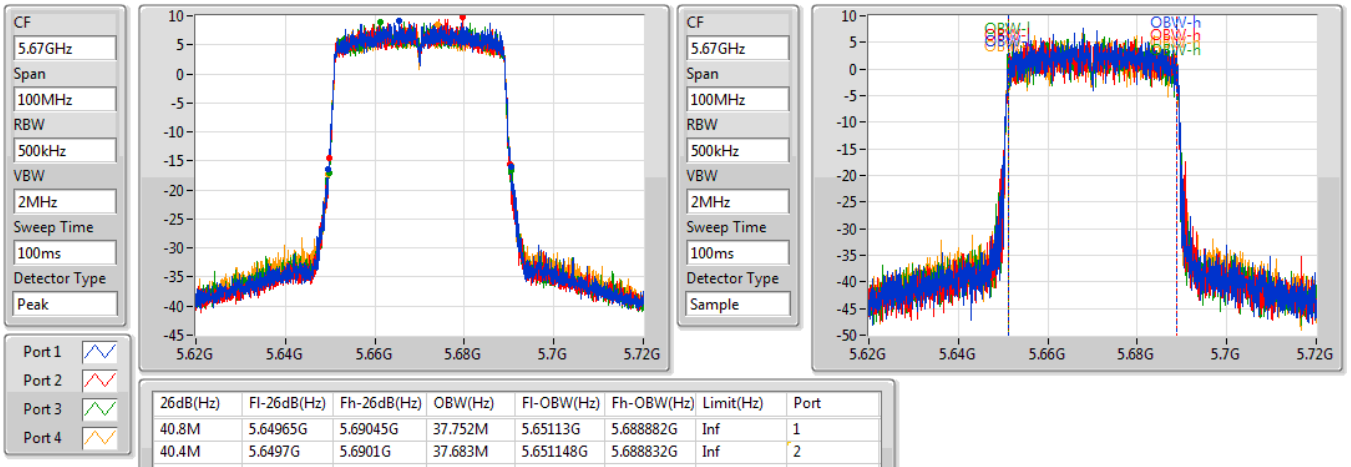


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.75M	5.52945G	5.5702G	37.802M	5.531082G	5.568885G	Inf	1
40.85M	5.52965G	5.5705G	37.753M	5.531105G	5.568858G	Inf	2
40.55M	5.52975G	5.5703G	37.7M	5.531064G	5.568764G	Inf	3
40.5M	5.52975G	5.57025G	37.752M	5.53113G	5.568883G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

17/09/2019

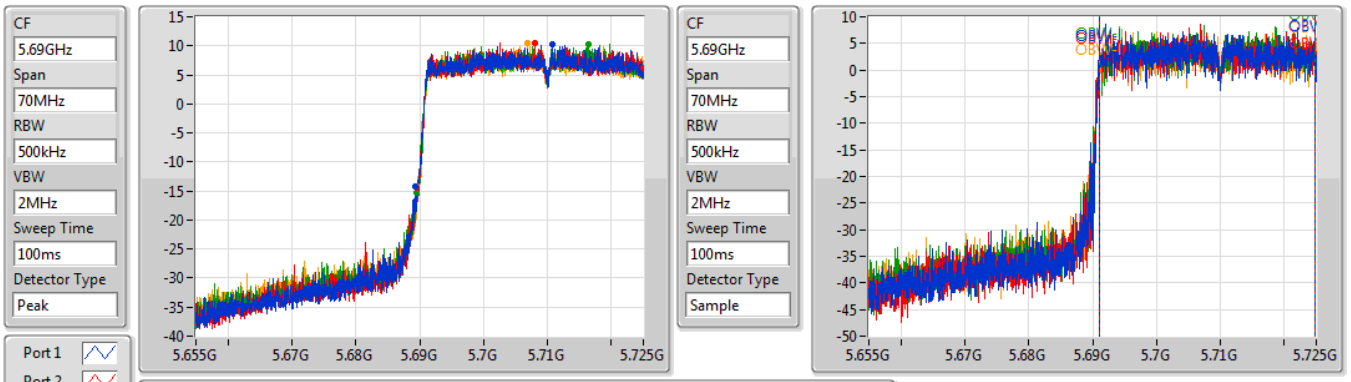


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.64965G	5.69045G	37.752M	5.65113G	5.688882G	Inf	1
40.4M	5.6497G	5.6901G	37.683M	5.651148G	5.688832G	Inf	2
40.8M	5.6497G	5.6905G	37.668M	5.651078G	5.688746G	Inf	3
41.05M	5.64945G	5.6905G	37.686M	5.651125G	5.688811G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/09/2019

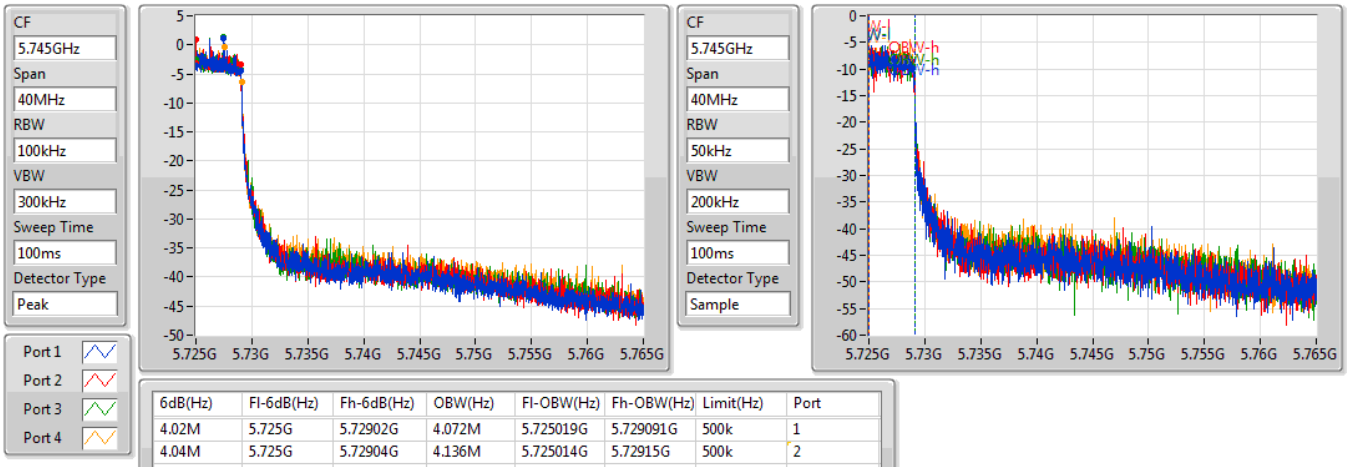


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.665M	5.689335G	5.725G	33.699M	5.69108G	5.724779G	Inf	1
35.42M	5.68958G	5.725G	33.755M	5.691053G	5.724808G	Inf	2
35.56M	5.68944G	5.725G	33.683M	5.691082G	5.724766G	Inf	3
35.455M	5.689545G	5.725G	33.773M	5.691045G	5.724818G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/09/2019

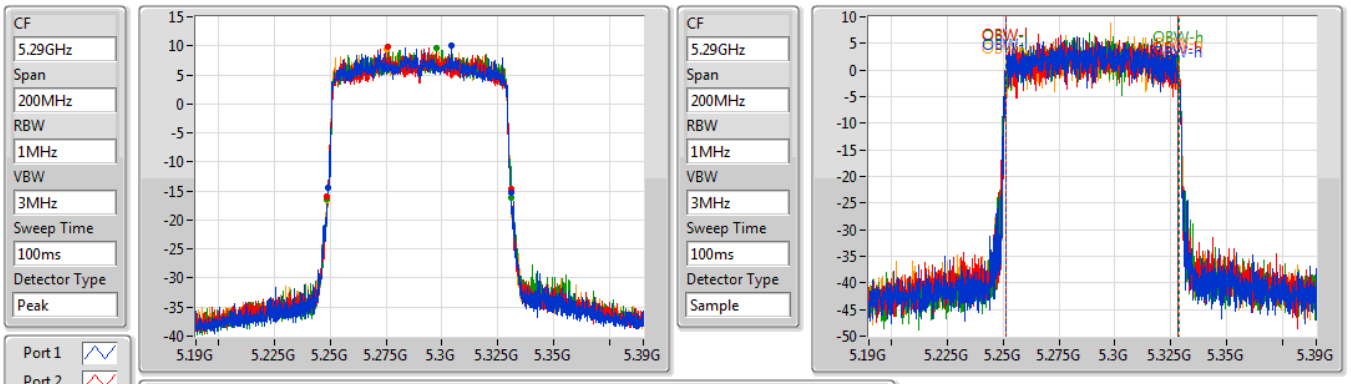


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.072M	5.725019G	5.729091G	500k	1
4.04M	5.725G	5.72904G	4.136M	5.725014G	5.72915G	500k	2
4.04M	5.725G	5.72904G	4.126M	5.725018G	5.729144G	500k	3
4.08M	5.725G	5.72908G	4.068M	5.725025G	5.729094G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

17/09/2019

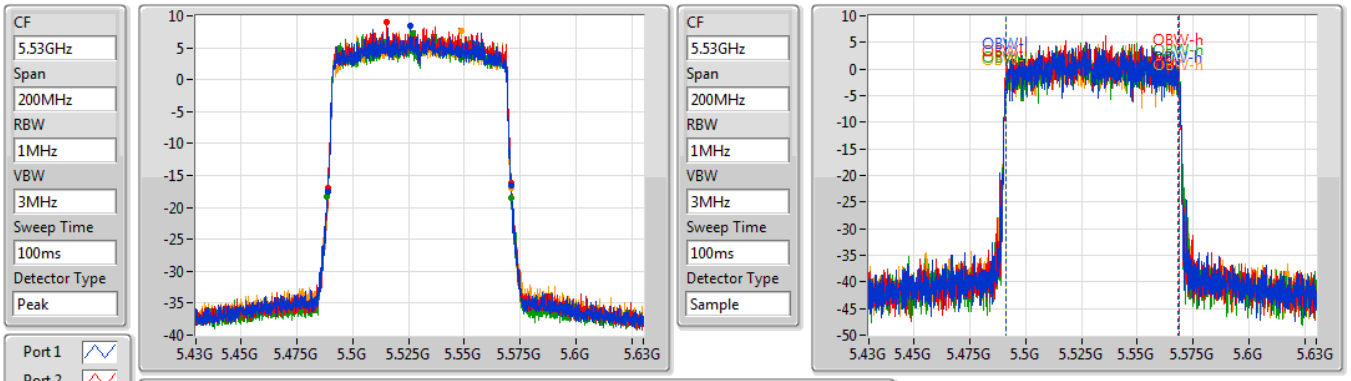


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.2488G	5.331G	77.073M	5.251318G	5.328391G	Inf	1
82.2M	5.2487G	5.3309G	77.041M	5.251362G	5.328403G	Inf	2
82.4M	5.2487G	5.3311G	77.142M	5.25148G	5.328622G	Inf	3
82.2M	5.2486G	5.3308G	77.011M	5.251468G	5.328479G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

17/09/2019

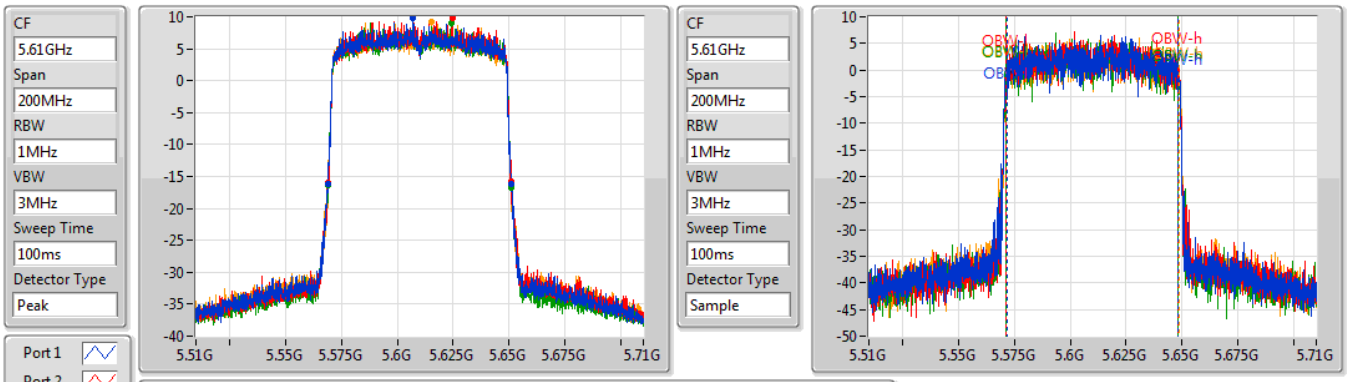


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.4888G	5.571G	76.981M	5.491427G	5.568408G	Inf	1
82.3M	5.4889G	5.5712G	77.06M	5.491459G	5.568519G	Inf	2
82.4M	5.4886G	5.571G	77.028M	5.491528G	5.568556G	Inf	3
82M	5.489G	5.571G	77.067M	5.491389G	5.568456G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

17/09/2019

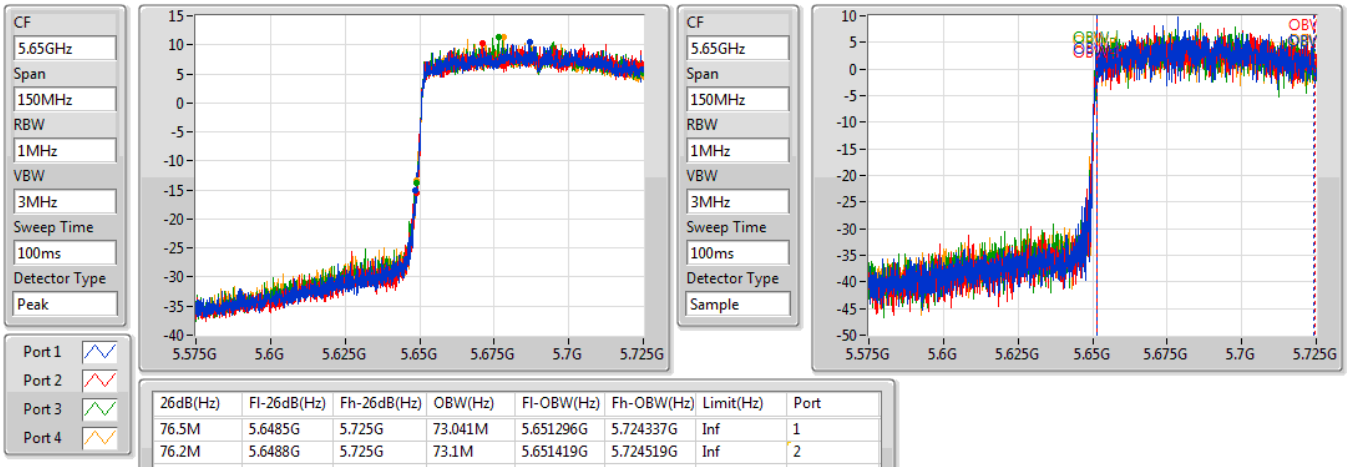


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.5688G	5.6512G	76.748M	5.571573G	5.648322G	Inf	1
82.3M	5.5689G	5.6512G	76.841M	5.571543G	5.648384G	Inf	2
82.2M	5.5689G	5.6511G	76.852M	5.571393G	5.648245G	Inf	3
81.6M	5.5692G	5.6508G	77.076M	5.571418G	5.648495G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

17/09/2019

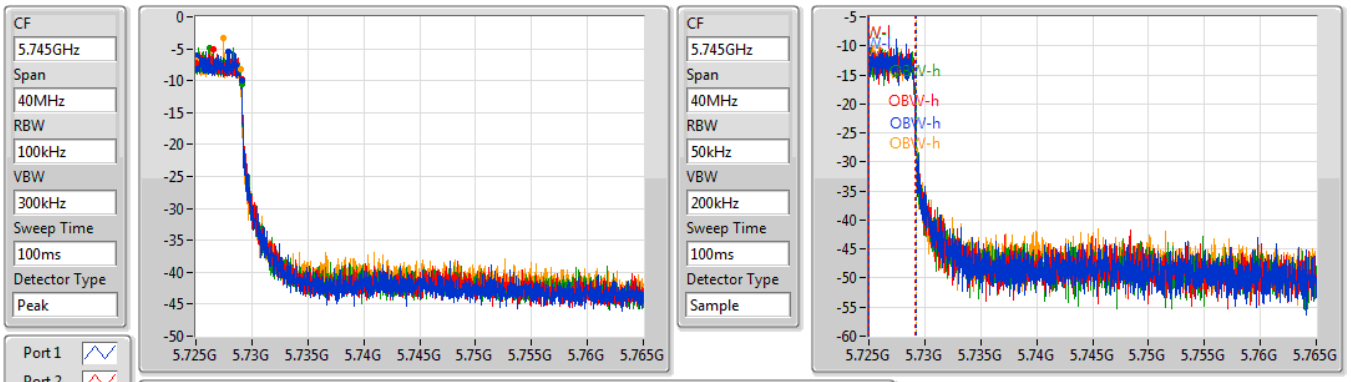


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	73.041M	5.651296G	5.724337G	Inf	1
76.2M	5.6488G	5.725G	73.1M	5.651419G	5.724519G	Inf	2
75.975M	5.649025G	5.725G	73.038M	5.651302G	5.72434G	Inf	3
75.9M	5.6491G	5.725G	73.079M	5.651336G	5.724414G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

17/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	4.17M	5.725025G	5.729194G	500k	1
4.08M	5.725G	5.72908G	4.131M	5.725017G	5.729149G	500k	2
4.08M	5.725G	5.72908G	4.177M	5.725018G	5.729195G	500k	3
4.02M	5.725G	5.72902G	4.242M	5.725032G	5.729274G	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 VHT80+80_Nss1,(MCS0)_4TX	139.8M	75.562M	75M6D1D	81.6M	75.562M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	139.68M	77.721M	77M7D1D	82.32M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	82.32M	75.562M	75M6D1D	81.84M	75.322M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	81.96M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	82.35M	75.562M	75M6D1D	82.05M	75.262M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	82.5M	77.211M	77M2D1D	82.05M	77.061M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% 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

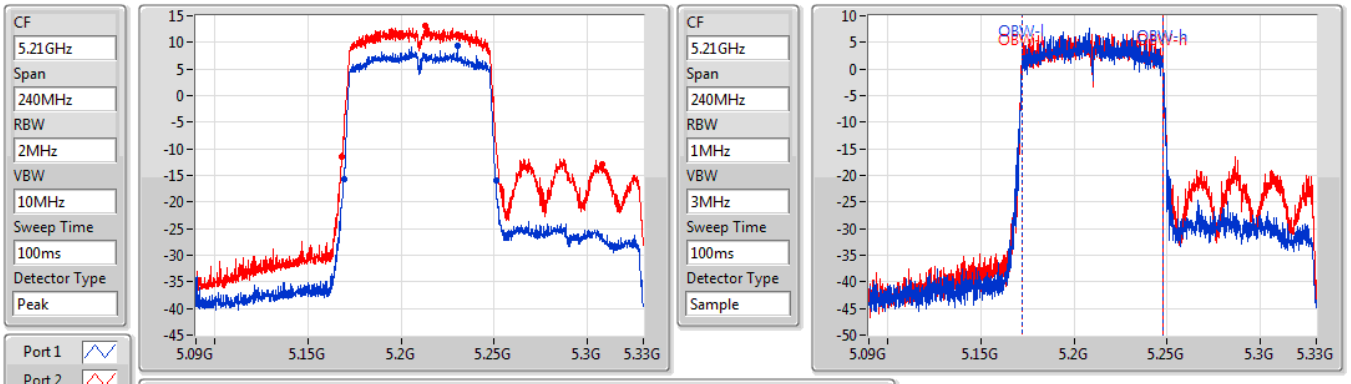
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	81.6M	75.562M	139.8M	75.562M				
5210MHz,#5290MHz	Pass	Inf					82.32M	75.562M	81.84M	75.322M
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.05M	75.562M	82.35M	75.562M	82.2M	75.412M	82.2M	75.262M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	82.32M	77.241M	139.68M	77.721M				
5210MHz,#5290MHz	Pass	Inf					81.96M	77.121M	82.2M	77.001M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.2M	77.061M	82.05M	77.061M	82.5M	77.211M	82.05M	77.061M

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 VHT80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

27/09/2019

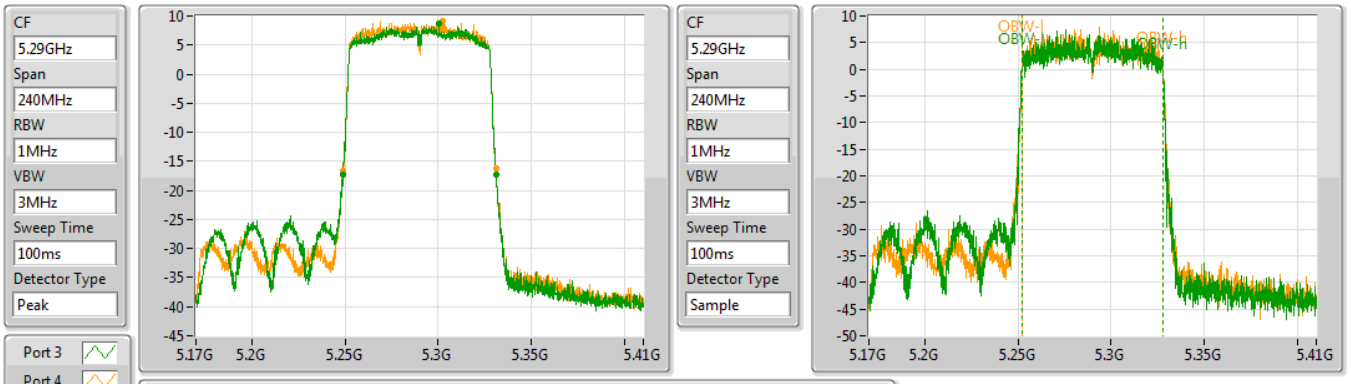


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.16932G	5.25092G	75.562M	5.172219G	5.247781G	Inf	1
139.8M	5.168G	5.3078G	75.562M	5.172339G	5.247901G	Inf	2

802.11ac VHT80+80_Nss1,(MCS0)_4TX EBW

5210MHz,#5290MHz

27/09/2019

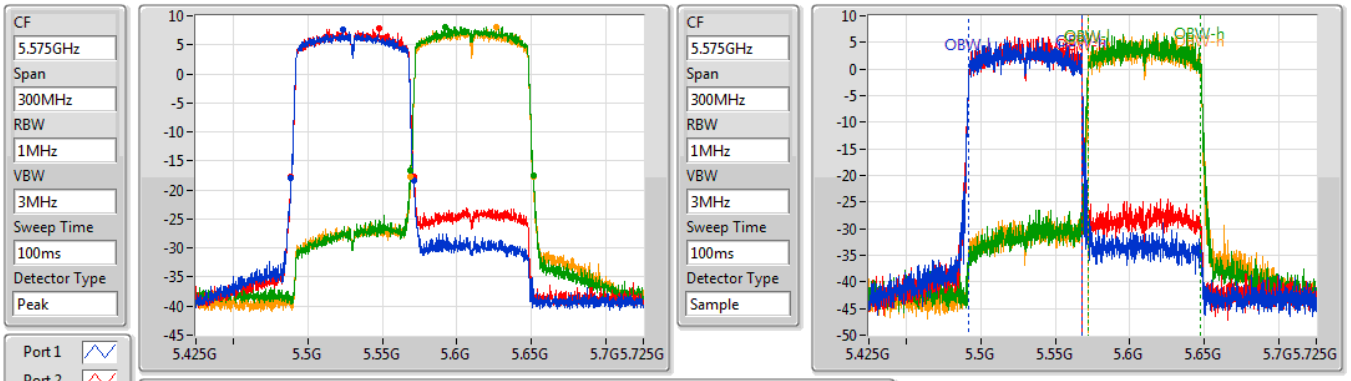


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24884G	5.33116G	75.562M	5.252099G	5.327661G	Inf	3
81.84M	5.24908G	5.33092G	75.322M	5.252219G	5.327541G	Inf	4

802.11ac VHT80+80_Nss2,(MCS0)_4TX EBW

#5530MHz,#5610MHz

27/09/2019

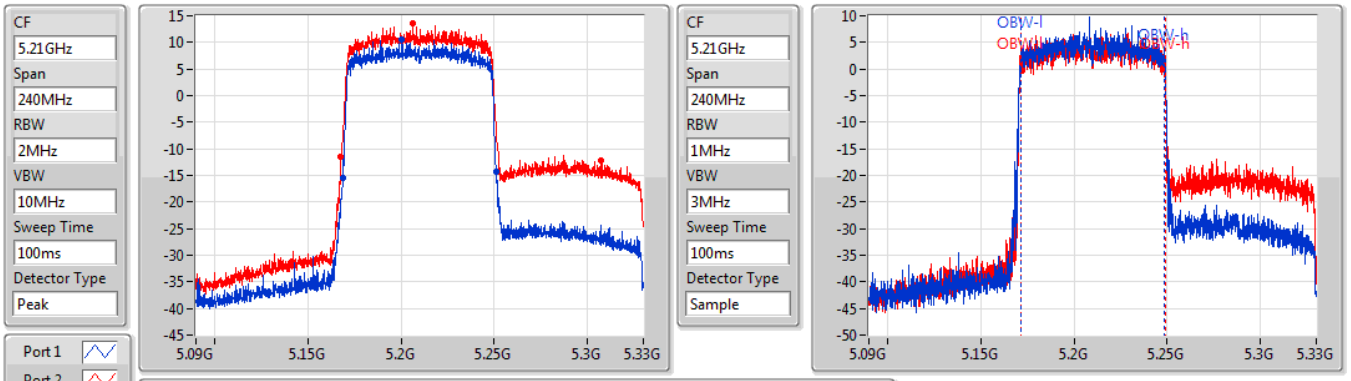


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.05M	5.4889G	5.57095G	75.562M	5.492241G	5.567804G	Inf	1
82.35M	5.4889G	5.57125G	75.562M	5.492241G	5.567804G	Inf	2
82.2M	5.56885G	5.65105G	75.412M	5.572151G	5.647564G	Inf	3
82.2M	5.56885G	5.65105G	75.262M	5.572151G	5.647414G	Inf	4

802.11ax HEW80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

27/09/2019

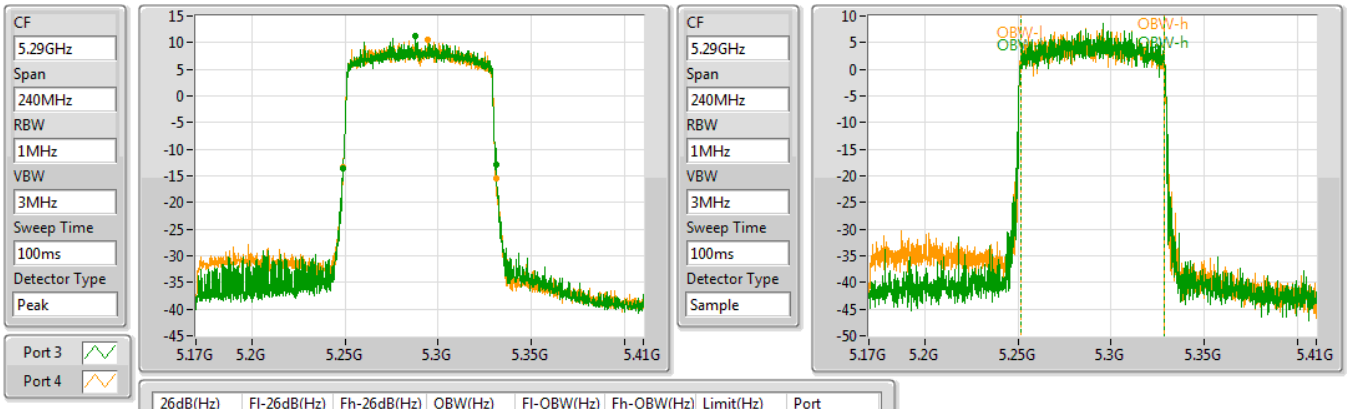


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16872G	5.25104G	77.241M	5.171379G	5.248621G	Inf	1
139.68M	5.16788G	5.30756G	77.721M	5.171259G	5.248981G	Inf	2

802.11ax HEW80+80_Nss1,(MCS0)_4TX EBW

5210MHz,#5290MHz

27/09/2019

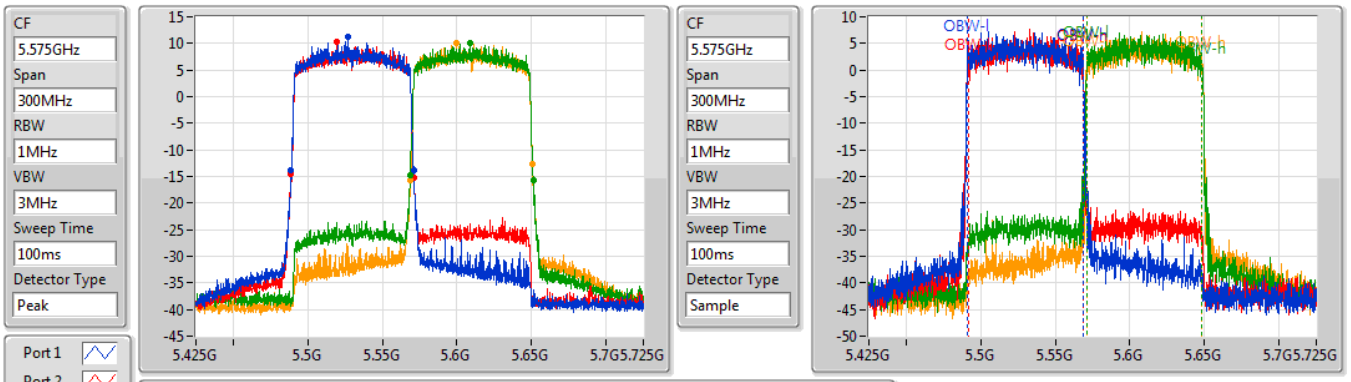


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.24896G	5.33092G	77.121M	5.251379G	5.328501G	Inf	3
82.2M	5.24884G	5.33104G	77.001M	5.251379G	5.328381G	Inf	4

802.11ax HEW80+80_Nss2,(MCS0)_4TX EBW

#5530MHz,#5610MHz

27/09/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.4889G	5.5711G	77.061M	5.491342G	5.568403G	Inf	1
82.05M	5.4889G	5.57095G	77.061M	5.491492G	5.568553G	Inf	2
82.5M	5.5687G	5.6512G	77.211M	5.571252G	5.648463G	Inf	3
82.05M	5.5687G	5.65075G	77.061M	5.571402G	5.648463G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.31	0.21429
802.11ac VHT20_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ac VHT40_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ac VHT80_Nss1,(MCS0)_4TX	23.38	0.21777
802.11ax HEW20_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW80_Nss1,(MCS0)_4TX	23.67	0.23281
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.69	0.23388
802.11ac VHT20_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT40_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ac VHT80_Nss1,(MCS0)_4TX	23.66	0.23227
802.11ax HEW20_Nss1,(MCS0)_4TX	23.63	0.23067
802.11ax HEW40_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_4TX	23.75	0.23714
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.31	0.05383
802.11ac VHT20_Nss1,(MCS0)_4TX	16.19	0.04159
802.11ac VHT40_Nss1,(MCS0)_4TX	13.00	0.01995
802.11ac VHT80_Nss1,(MCS0)_4TX	8.31	0.00678
802.11ax HEW20_Nss1,(MCS0)_4TX	16.74	0.04721
802.11ax HEW40_Nss1,(MCS0)_4TX	13.80	0.02399
802.11ax HEW80_Nss1,(MCS0)_4TX	9.46	0.00883

Result

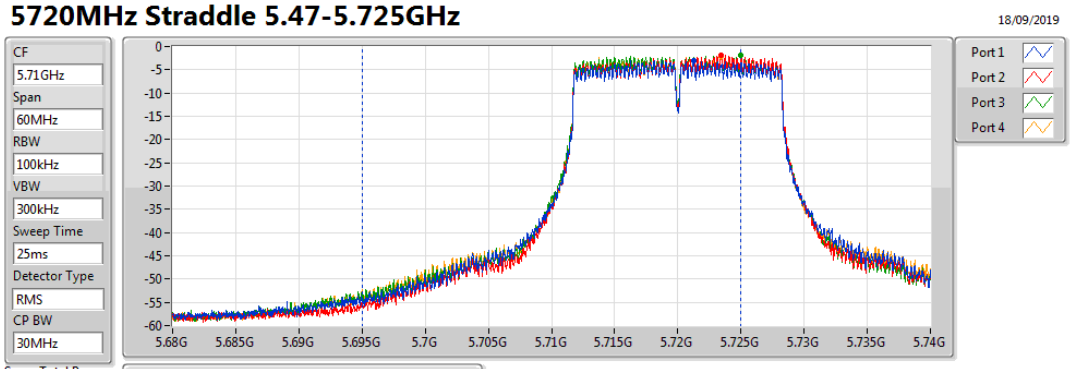
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.90	17.09	17.48	17.12	23.17	23.76
5300MHz	Pass	2.00	17.05	17.54	17.28	17.20	23.29	23.77
5320MHz	Pass	2.00	17.14	17.31	17.65	17.05	23.31	23.75
5500MHz	Pass	2.00	17.35	18.14	17.60	17.56	23.69	23.78
5580MHz	Pass	2.00	17.39	18.16	17.27	17.03	23.50	23.77
5700MHz	Pass	2.00	17.05	16.99	16.87	16.52	22.88	23.78
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	15.82	16.54	17.04	16.66	22.56	22.60
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	10.19	11.77	11.64	11.37	17.31	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	17.47	17.62	17.82	18.07	23.77	23.98
5300MHz	Pass	2.00	17.68	17.75	17.58	17.89	23.75	23.98
5320MHz	Pass	2.00	17.62	17.59	17.84	17.99	23.78	23.98
5500MHz	Pass	2.00	17.87	17.90	17.47	17.21	23.64	23.98
5580MHz	Pass	2.00	17.83	17.75	17.34	17.30	23.58	23.98
5700MHz	Pass	2.00	16.98	16.61	16.58	16.54	22.70	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	16.75	16.18	16.39	16.09	22.38	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	9.38	10.21	10.51	10.47	16.19	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	17.64	17.84	18.00	17.91	23.87	23.98
5310MHz	Pass	2.00	18.00	18.04	17.89	17.85	23.97	23.98
5510MHz	Pass	2.00	17.78	17.65	16.46	16.80	23.23	23.98
5550MHz	Pass	2.00	17.90	18.19	17.55	17.66	23.85	23.98
5670MHz	Pass	2.00	17.70	17.56	17.54	17.54	23.61	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	17.87	17.79	18.09	17.62	23.87	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	7.00	6.83	7.31	6.77	13.00	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	17.43	17.46	17.26	17.30	23.38	23.98
5530MHz	Pass	2.00	15.89	16.32	15.58	15.55	21.87	23.98
5610MHz	Pass	2.00	17.68	17.77	17.70	17.41	23.66	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.63	17.44	17.72	17.39	23.57	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	2.50	2.36	2.40	1.89	8.31	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	17.43	17.72	18.00	18.05	23.83	23.98
5300MHz	Pass	2.00	17.60	17.74	18.08	17.95	23.87	23.98
5320MHz	Pass	2.00	17.39	17.53	17.80	17.76	23.64	23.98
5500MHz	Pass	2.00	17.42	17.52	17.81	17.66	23.63	23.98
5580MHz	Pass	2.00	17.47	17.66	17.73	17.46	23.60	23.98
5700MHz	Pass	2.00	16.97	16.88	17.28	17.45	23.17	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	16.57	16.21	16.94	16.94	22.70	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	9.92	10.87	10.95	11.04	16.74	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	2.00	17.13	17.42	16.97	16.86	23.12	23.98
5550MHz	Pass	2.00	17.56	17.78	17.60	17.43	23.61	23.98

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5670MHz	Pass	2.00	17.91	17.81	17.75	17.71	23.82	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	17.79	17.85	17.95	17.62	23.82	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	7.63	7.93	7.79	7.78	13.80	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	17.69	17.27	17.88	17.73	23.67	23.98
5530MHz	Pass	2.00	16.17	16.59	15.14	15.97	22.02	23.98
5610MHz	Pass	2.00	17.59	17.95	17.60	17.32	23.64	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.76	17.69	17.89	17.56	23.75	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	3.43	3.60	3.43	3.31	9.46	30.00

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

802.11a_Nss1,(6Mbps)_4TX **AV Power**

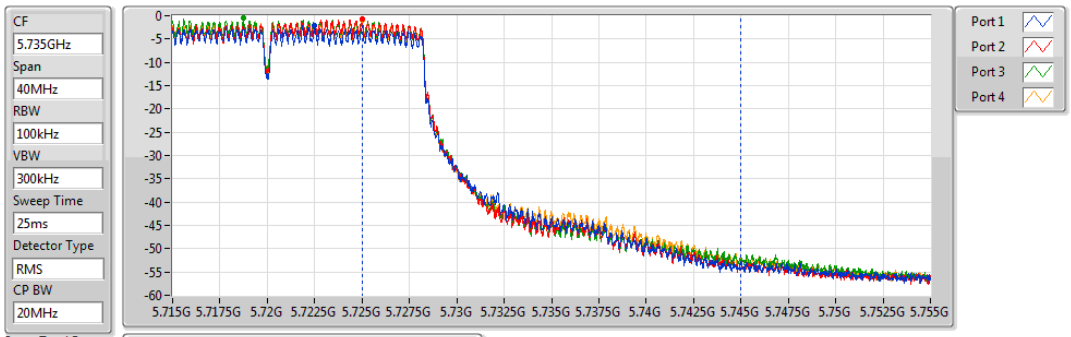
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.56	15.82	16.54	17.04	16.66

802.11a_Nss1,(6Mbps)_4TX **AV Power**

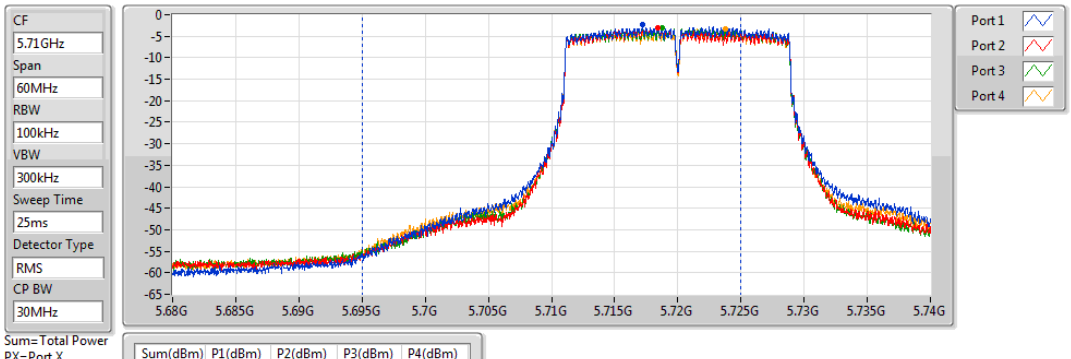
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.31	10.19	11.77	11.64	11.37

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

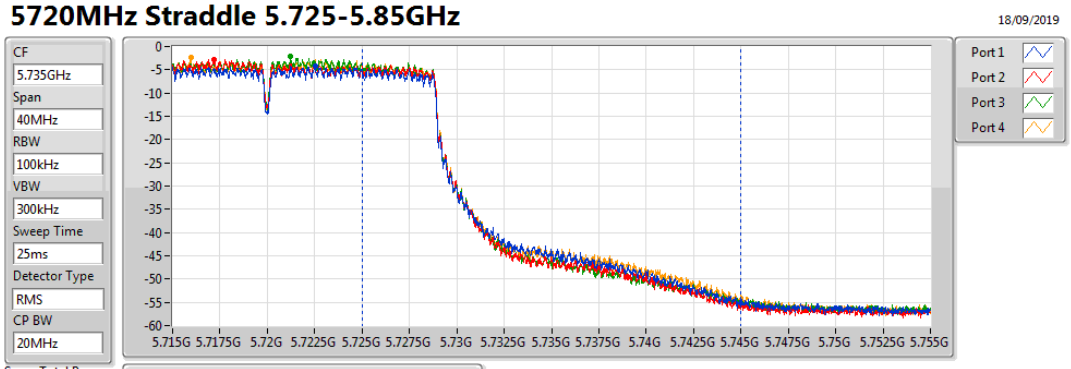
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.38	16.75	16.18	16.39	16.09

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

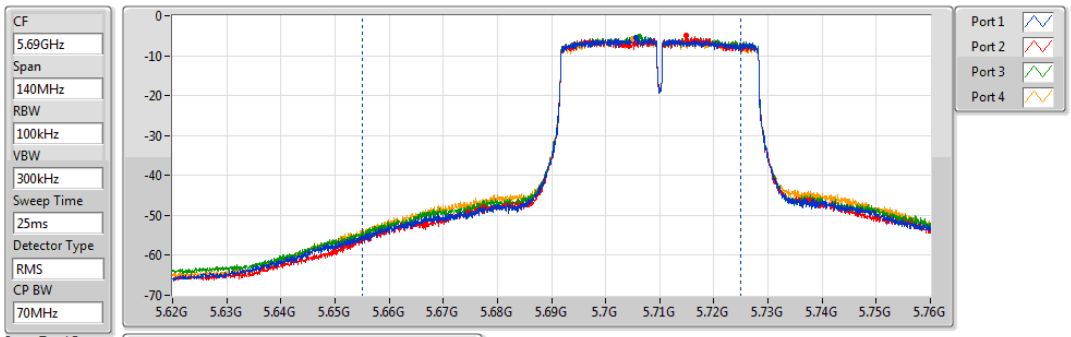
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.19	9.38	10.21	10.51	10.47

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

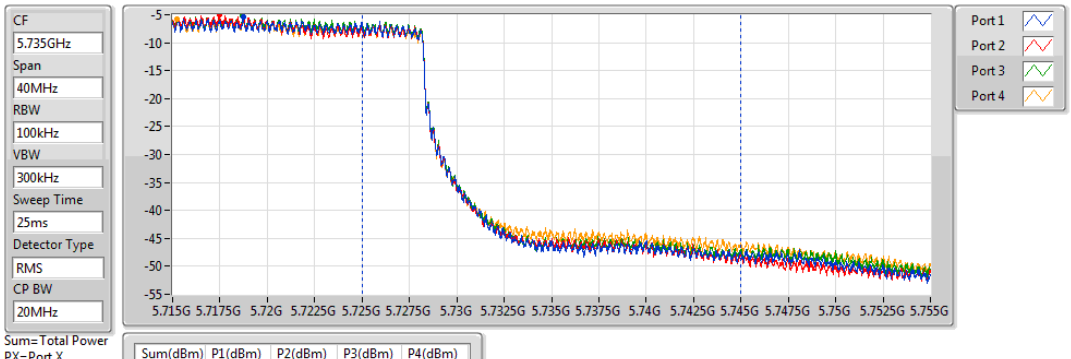
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.87	17.87	17.79	18.09	17.62

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

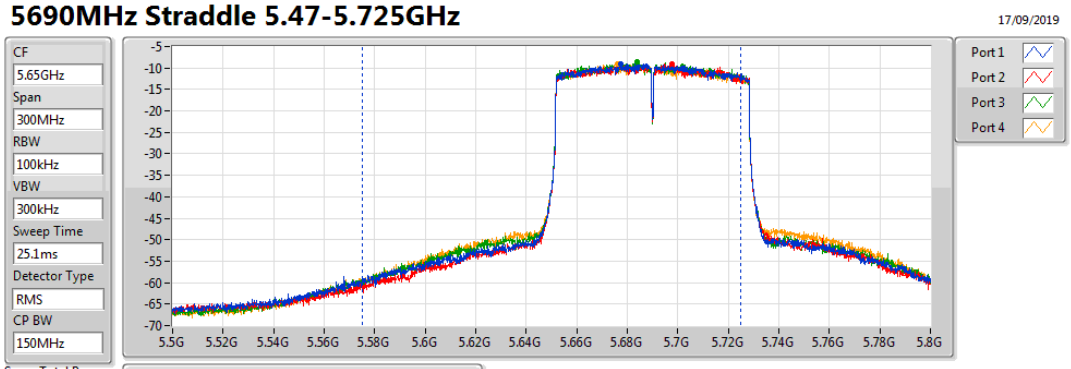
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.00	7.00	6.83	7.31	6.77

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

5690MHz Straddle 5.47-5.725GHz

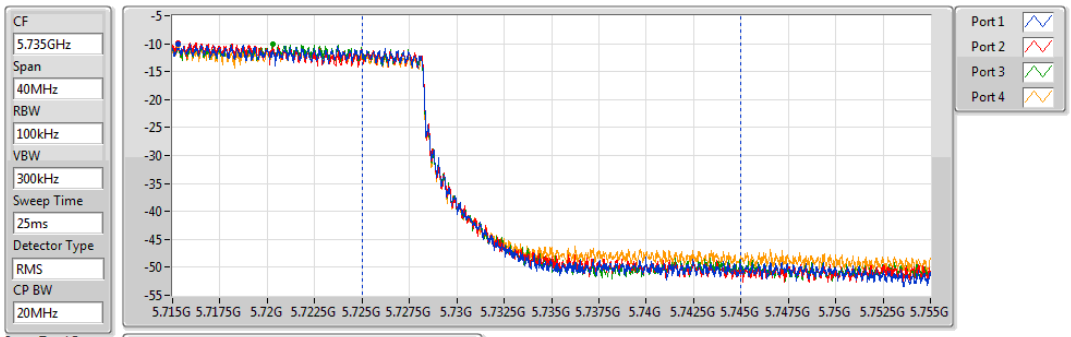


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.57	17.63	17.44	17.72	17.39

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

5690MHz Straddle 5.725-5.85GHz

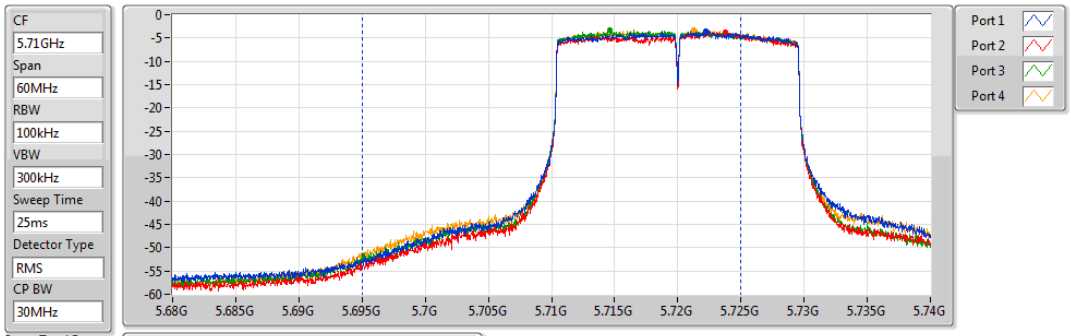


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.31	2.50	2.36	2.40	1.89

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

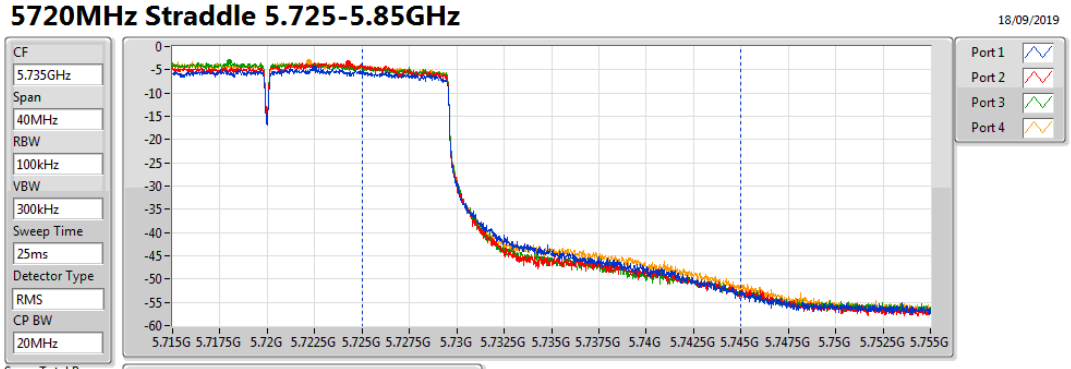


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.70	16.57	16.21	16.94	16.94

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

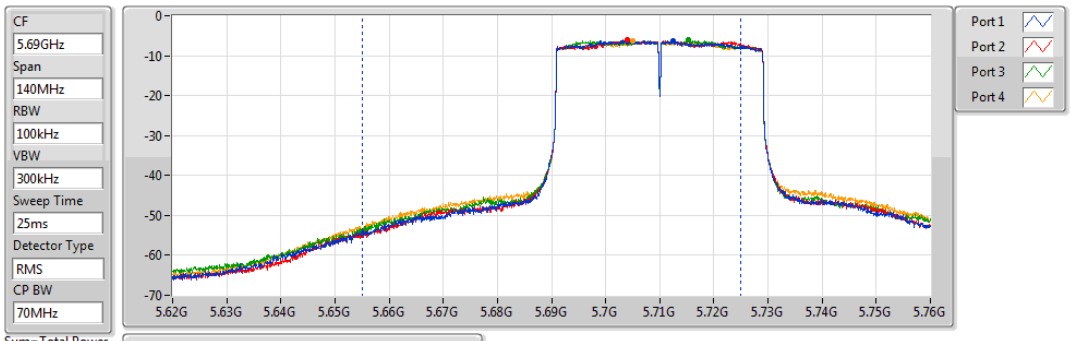
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.74	9.92	10.87	10.95	11.04

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

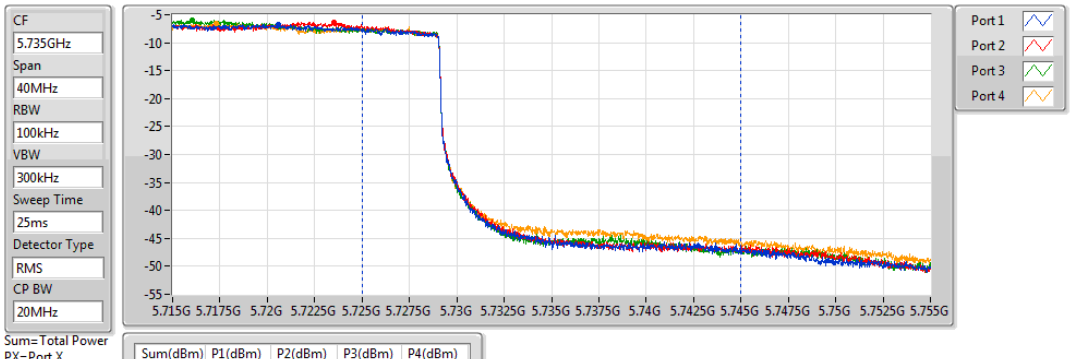
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.82	17.79	17.85	17.95	17.62

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

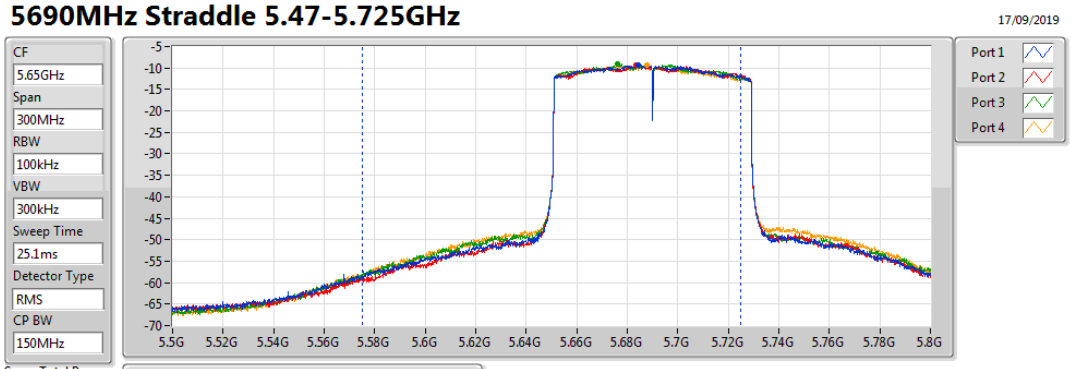
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.80	7.63	7.93	7.79	7.78

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

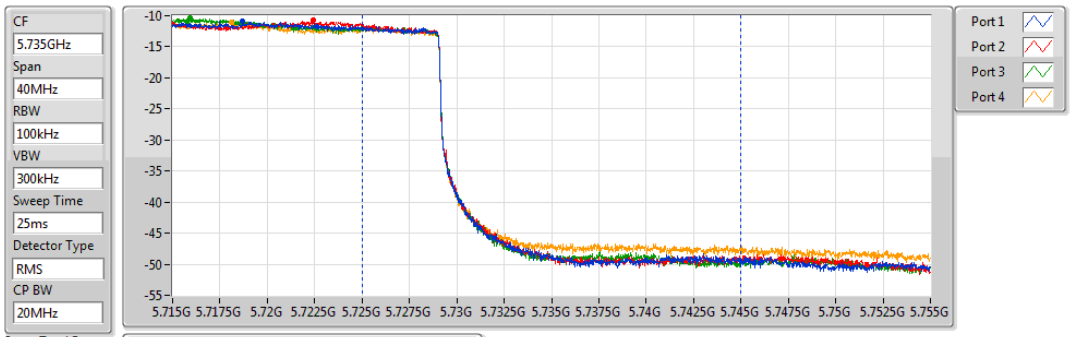


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.75	17.76	17.69	17.89	17.56

802.11ax HEW80_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)
9.46	3.43	3.60	3.43	3.31

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	19.66	0.09247
802.11ax HEW80+80_Nss1,(MCS0)_4TX	19.72	0.09376
5.25-5.35GHz	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	19.68	0.09290
802.11ax HEW80+80_Nss1,(MCS0)_4TX	19.87	0.09705
5.47-5.725GHz	-	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	22.11	0.16255
802.11ax HEW80+80_Nss2,(MCS0)_4TX	22.25	0.16788

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 VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	2.00	16.63	16.67			19.66	30.00	21.66	36.00
5210MHz,#5290MHz	Pass	2.00			16.47	16.86	19.68	23.98	21.68	30.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	2.00	15.69	16.00	16.46	16.16	22.11	23.98	24.11	30.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	2.00	16.77	16.65			19.72	30.00	21.72	36.00
5210MHz,#5290MHz	Pass	2.00			16.82	16.89	19.87	23.98	21.87	30.00
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	2.00	16.27	16.11	16.35	16.17	22.25	23.98	24.25	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	22.45	0.17579
802.11ax HEW40_Nss1,(MCS0)_4TX	20.45	0.11092
802.11ax HEW80_Nss1,(MCS0)_4TX	20.68	0.11695
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	22.31	0.17022
802.11ax HEW40_Nss1,(MCS0)_4TX	21.15	0.13032
802.11ax HEW80_Nss1,(MCS0)_4TX	21.41	0.13836
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	18.45	0.06998
802.11ax HEW40_Nss1,(MCS0)_4TX	14.49	0.02812
802.11ax HEW80_Nss1,(MCS0)_4TX	9.72	0.00938

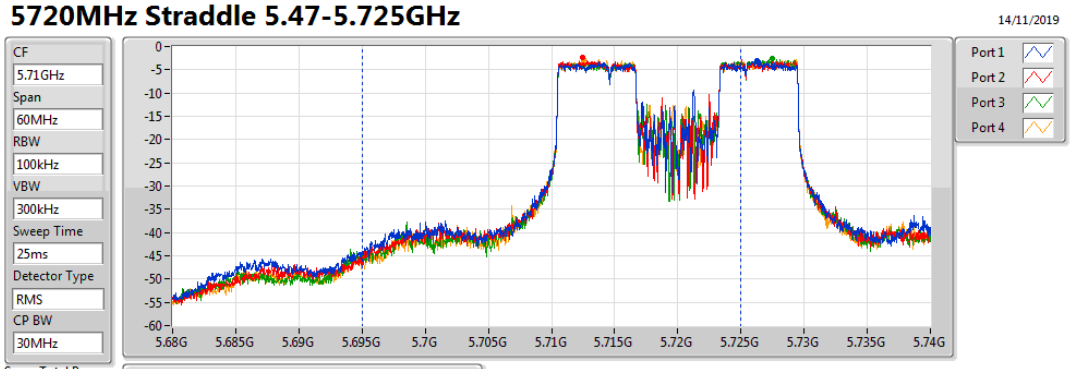
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.41	16.04	16.60	16.64	22.45	23.98
5300MHz	Pass	2.00	16.05	16.09	16.09	16.27	22.15	23.98
5320MHz	Pass	2.00	15.53	15.84	15.67	15.55	21.67	23.98
5500MHz	Pass	2.00	15.79	15.75	15.97	15.88	21.87	23.98
5580MHz	Pass	2.00	15.67	15.67	15.87	15.72	21.75	23.98
5700MHz	Pass	2.00	16.11	16.31	16.28	16.44	22.31	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	14.41	14.65	14.58	14.71	20.61	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	12.32	12.36	12.52	12.50	18.45	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	14.31	14.09	14.53	14.47	20.37	23.98
5310MHz	Pass	2.00	14.23	14.32	14.44	14.72	20.45	23.98
5510MHz	Pass	2.00	13.96	13.99	13.93	14.07	20.01	23.98
5550MHz	Pass	2.00	14.57	14.58	14.36	14.48	20.52	23.98
5670MHz	Pass	2.00	14.93	15.22	15.15	15.23	21.15	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	14.64	14.65	14.59	14.61	20.64	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	8.29	8.65	8.48	8.47	14.49	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	14.60	14.55	14.76	14.72	20.68	23.98
5530MHz	Pass	2.00	13.52	13.50	12.97	13.33	19.36	23.98
5610MHz	Pass	2.00	14.50	14.57	14.98	14.69	20.71	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	15.25	15.41	15.53	15.36	21.41	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	3.72	3.54	3.79	3.75	9.72	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

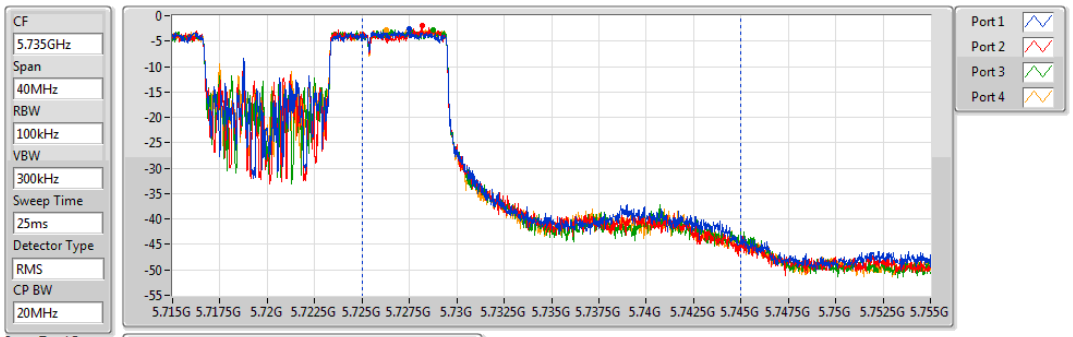


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.61	14.41	14.65	14.58	14.71

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

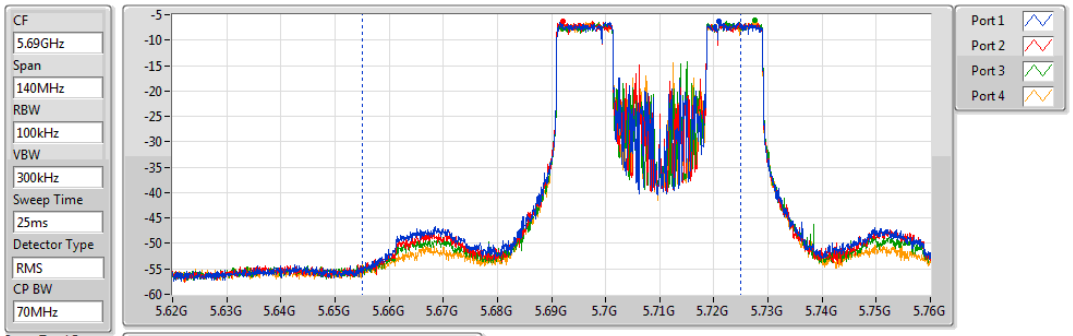


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.45	12.32	12.36	12.52	12.50

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

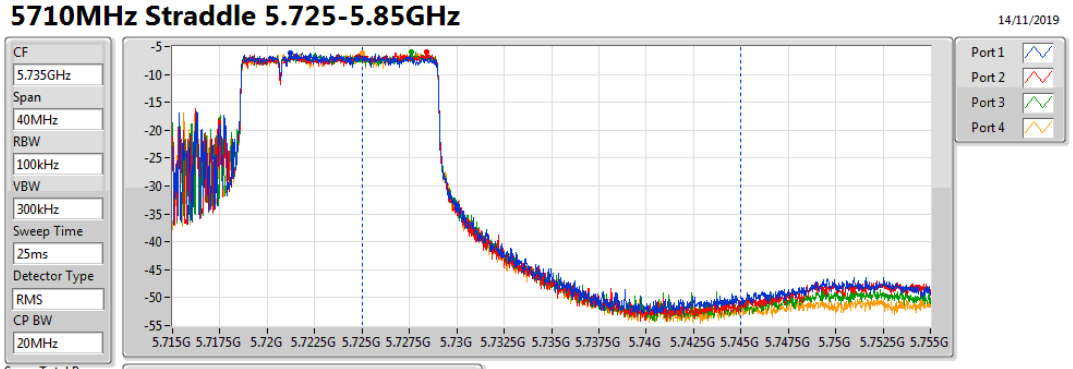


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.64	14.64	14.65	14.59	14.61

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

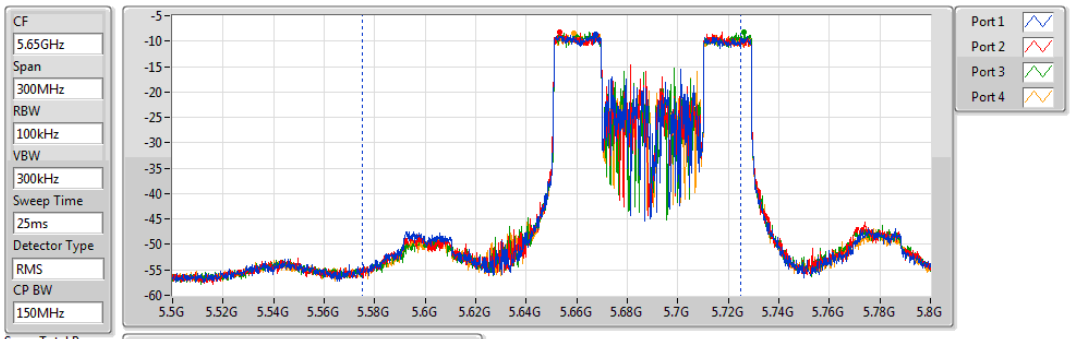


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.49	8.29	8.65	8.48	8.47

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

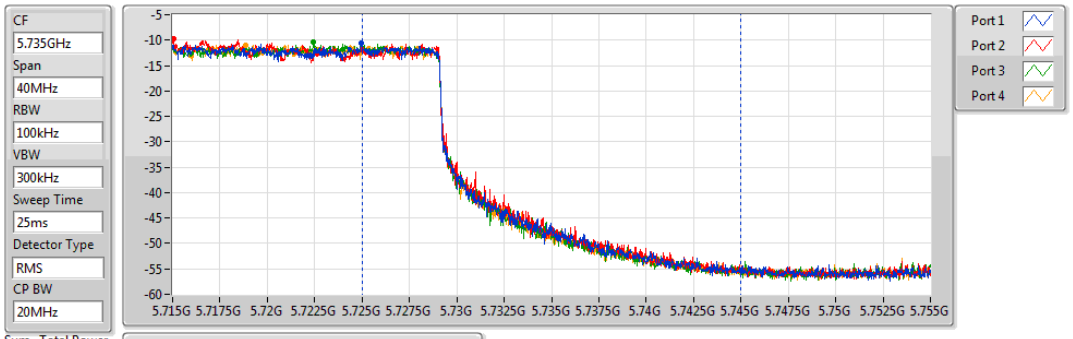


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.41	15.25	15.41	15.53	15.36

802.11ax HEW80_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)
9.72	3.72	3.54	3.79	3.75

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.96	0.12474
802.11ax HEW40_Nss1,(MCS0)_4TX	20.37	0.10889
802.11ax HEW80_Nss1,(MCS0)_4TX	21.86	0.15346
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.46	0.13996
802.11ax HEW40_Nss1,(MCS0)_4TX	22.52	0.17865
802.11ax HEW80_Nss1,(MCS0)_4TX	23.23	0.21038
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.48	0.00560
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.12	0.00049
802.11ax HEW80_Nss1,(MCS0)_4TX	-4.07	0.00039

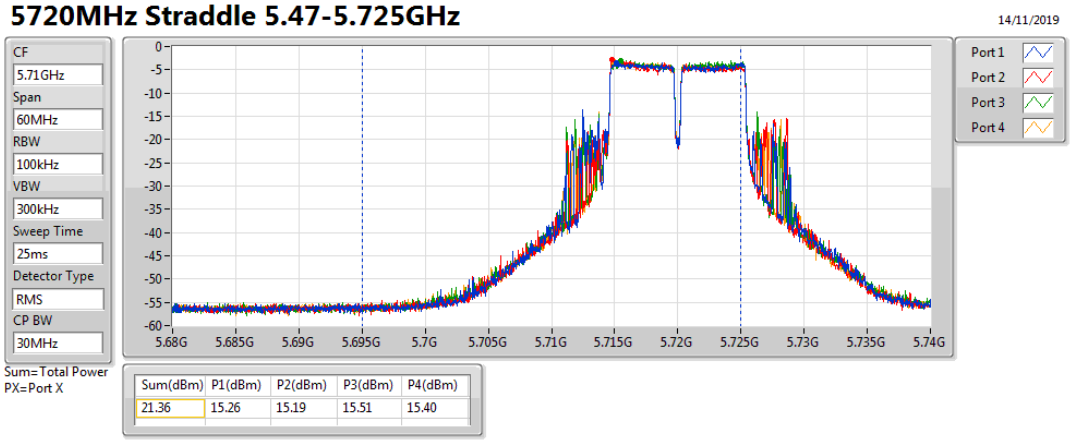
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	14.88	14.57	14.78	15.47	20.96	23.98
5300MHz	Pass	2.00	14.81	14.89	14.81	15.24	20.96	23.98
5320MHz	Pass	2.00	14.66	14.47	14.69	14.63	20.63	23.98
5500MHz	Pass	2.00	14.63	14.69	15.11	14.71	20.81	23.98
5580MHz	Pass	2.00	14.67	14.69	14.46	14.62	20.63	23.98
5700MHz	Pass	2.00	15.15	15.54	15.44	15.61	21.46	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	15.26	15.19	15.51	15.40	21.36	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	1.36	1.10	1.64	1.72	7.48	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	14.15	13.97	14.39	14.57	20.30	23.98
5310MHz	Pass	2.00	13.70	14.47	14.57	14.61	20.37	23.98
5510MHz	Pass	2.00	14.01	14.23	14.02	14.13	20.12	23.98
5550MHz	Pass	2.00	14.50	14.36	14.35	14.47	20.44	23.98
5670MHz	Pass	2.00	15.00	15.45	15.28	15.17	21.25	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	16.34	16.56	16.37	16.70	22.52	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	-9.19	-8.16	-9.99	-9.41	-3.12	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	15.77	15.64	16.03	15.90	21.86	23.98
5530MHz	Pass	2.00	14.43	14.62	14.47	14.57	20.54	23.98
5610MHz	Pass	2.00	15.62	15.86	15.87	15.80	21.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.08	17.25	17.21	17.31	23.23	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	-9.83	-9.71	-10.30	-10.60	-4.07	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

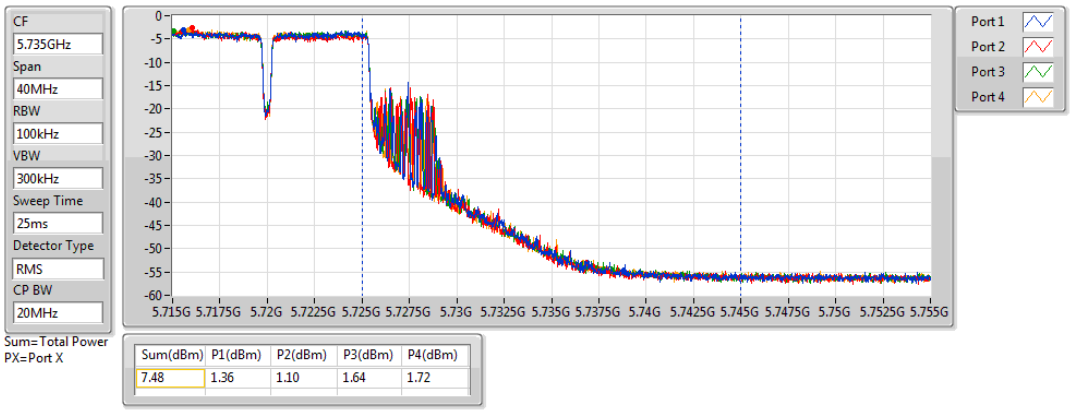
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.36	15.26	15.19	15.51	15.40

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

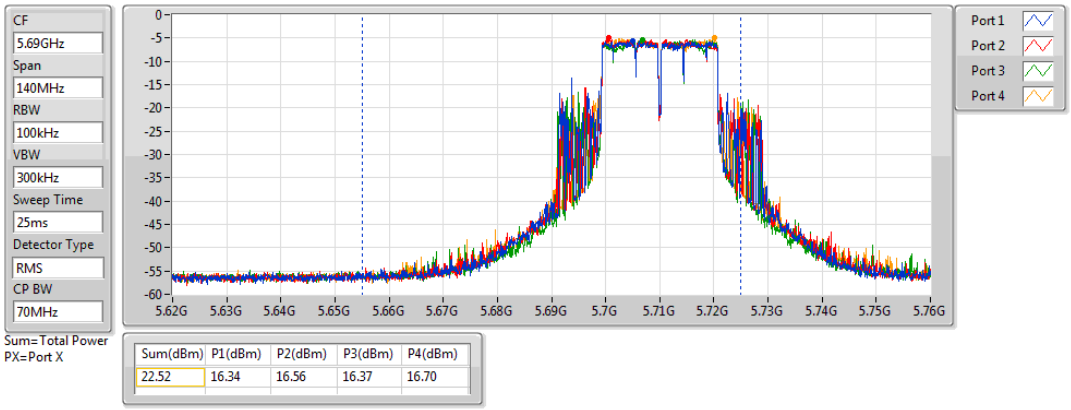
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.48	1.36	1.10	1.64	1.72

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

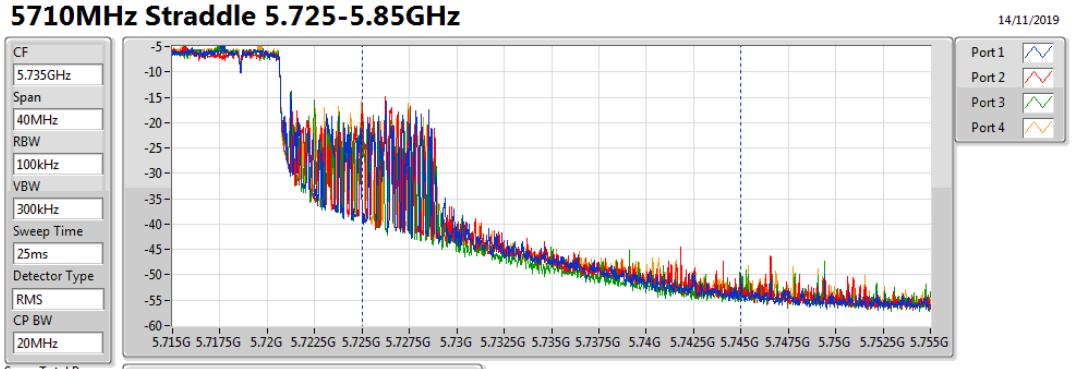
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.52	16.34	16.56	16.37	16.70

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

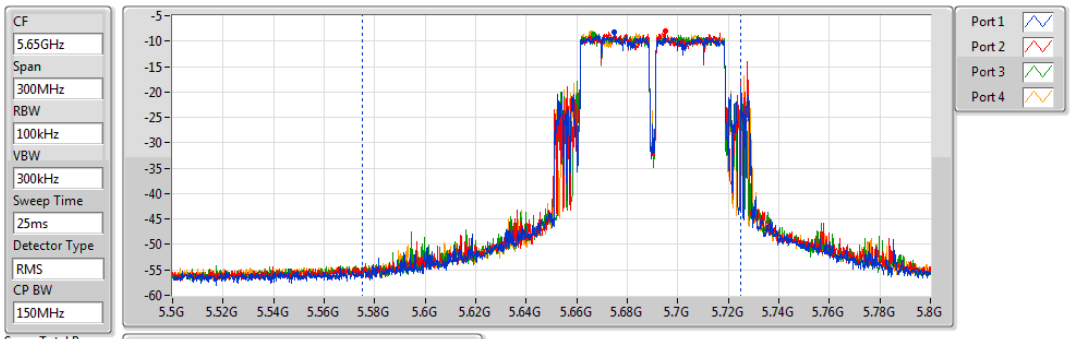


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
-3.12	-9.19	-8.16	-9.99	-9.41

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

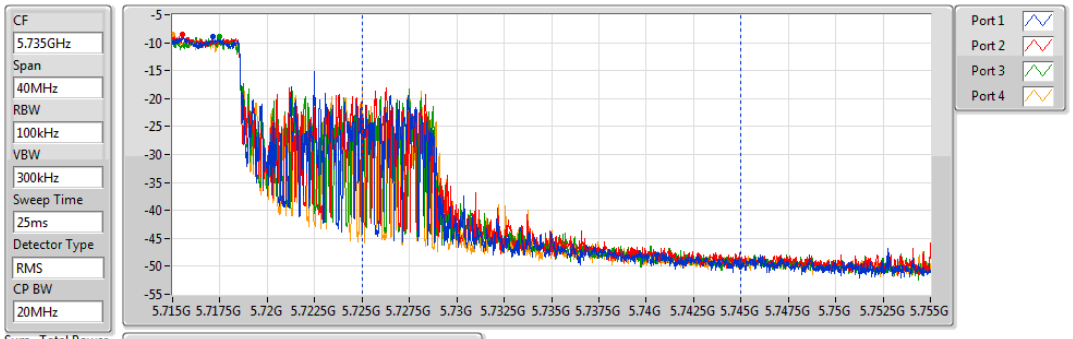


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.23	17.08	17.25	17.21	17.31

802.11ax HEW80_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)
-4.07	-9.83	-9.71	-10.30	-10.60

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.80
802.11ac VHT20_Nss1,(MCS0)_4TX	10.98
802.11ac VHT40_Nss1,(MCS0)_4TX	7.68
802.11ac VHT80_Nss1,(MCS0)_4TX	4.05
802.11ax HEW20_Nss1,(MCS0)_4TX	10.86
802.11ax HEW80_Nss1,(MCS0)_4TX	4.28
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ac VHT20_Nss1,(MCS0)_4TX	10.87
802.11ac VHT40_Nss1,(MCS0)_4TX	8.46
802.11ac VHT80_Nss1,(MCS0)_4TX	5.09
802.11ax HEW20_Nss1,(MCS0)_4TX	10.56
802.11ax HEW40_Nss1,(MCS0)_4TX	8.29
802.11ax HEW80_Nss1,(MCS0)_4TX	5.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.06
802.11ac VHT20_Nss1,(MCS0)_4TX	8.14
802.11ac VHT40_Nss1,(MCS0)_4TX	4.23
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.37
802.11ax HEW20_Nss1,(MCS0)_4TX	8.35
802.11ax HEW40_Nss1,(MCS0)_4TX	4.36
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.08

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

Result

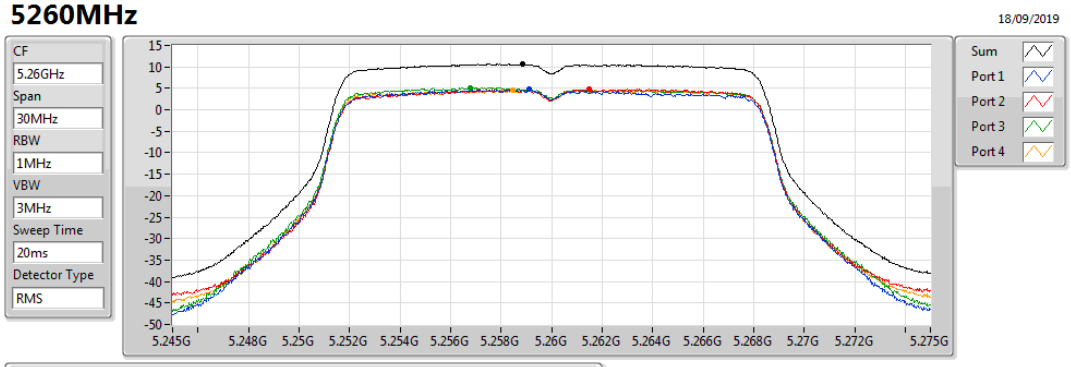
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.76	4.75	5.18	4.60	10.65	11.00
5300MHz	Pass	5.01	4.50	5.34	5.05	4.67	10.73	11.00
5320MHz	Pass	5.01	4.82	4.92	5.44	4.65	10.80	11.00
5500MHz	Pass	5.01	4.84	5.58	4.99	5.24	10.98	11.00
5580MHz	Pass	5.01	5.21	5.86	4.88	4.65	10.97	11.00
5700MHz	Pass	5.01	3.53	5.24	5.02	4.86	10.44	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	3.95	5.45	5.21	5.01	10.75	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	2.88	4.71	4.45	4.43	10.06	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.89	5.03	5.18	5.35	10.86	11.00
5300MHz	Pass	5.01	5.04	5.14	5.06	5.20	10.90	11.00
5320MHz	Pass	5.01	5.10	5.15	5.33	5.32	10.98	11.00
5500MHz	Pass	5.01	5.16	5.32	4.98	4.42	10.87	11.00
5580MHz	Pass	5.01	5.10	5.12	4.67	4.58	10.70	11.00
5700MHz	Pass	5.01	4.55	3.98	4.04	3.85	9.97	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.70	4.81	4.62	4.29	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.53	2.10	2.75	2.64	8.14	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	1.73	1.83	1.91	1.57	7.48	11.00
5310MHz	Pass	5.01	1.94	1.93	1.86	1.59	7.68	11.00
5510MHz	Pass	5.01	2.22	2.16	1.17	1.39	7.51	11.00
5550MHz	Pass	5.01	1.59	2.26	1.86	1.43	7.66	11.00
5670MHz	Pass	5.01	1.62	1.50	1.43	1.50	7.42	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.75	2.72	2.93	2.25	8.46	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.63	-1.91	-1.29	-1.73	4.23	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.58	-1.60	-1.69	-2.07	4.05	11.00
5530MHz	Pass	5.01	-3.32	-2.94	-3.43	-3.91	2.53	11.00
5610MHz	Pass	5.01	-1.67	-1.37	-1.55	-1.85	4.09	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-0.63	-0.64	-0.45	-0.80	5.09	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.10	-6.32	-5.99	-6.80	-0.37	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.92	4.90	4.95	5.06	10.77	11.00
5300MHz	Pass	5.01	4.85	4.86	5.37	4.98	10.86	11.00
5320MHz	Pass	5.01	4.51	4.59	5.09	4.77	10.42	11.00
5500MHz	Pass	5.01	4.53	4.57	5.01	4.63	10.40	11.00
5580MHz	Pass	5.01	4.31	4.60	4.58	4.46	10.36	11.00
5700MHz	Pass	5.01	4.23	4.12	4.37	4.58	10.18	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.68	4.54	4.67	4.82	10.56	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.47	2.88	2.59	2.54	8.35	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	5.01	0.83	0.90	0.73	0.32	6.40	11.00
5550MHz	Pass	5.01	1.15	1.43	1.49	1.26	7.14	11.00

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)
5670MHz	Pass	5.01	1.49	1.54	1.45	1.38	7.25	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.41	2.74	2.58	2.31	8.29	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.78	-1.19	-1.68	-1.68	4.36	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.29	-1.34	-1.22	-1.68	4.28	11.00
5530MHz	Pass	5.01	-3.13	-2.83	-3.14	-3.46	2.78	11.00
5610MHz	Pass	5.01	-1.79	-1.53	-1.71	-2.04	4.04	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-0.68	-0.67	-0.42	-0.88	5.17	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.02	-5.65	-6.13	-6.21	-0.08	30.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

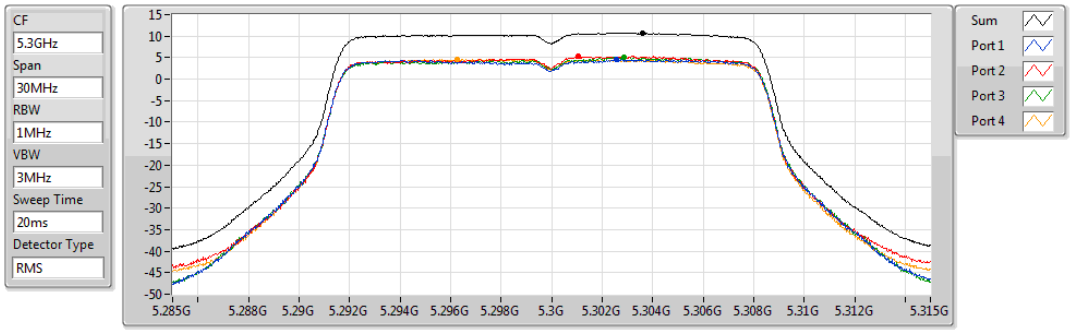
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.76	4.75	5.18	4.60

802.11a_Nss1,(6Mbps)_4TX PSD

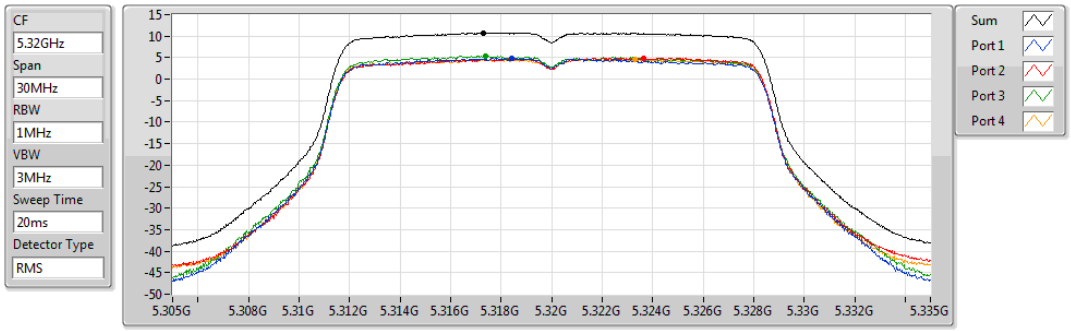
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.50	5.34	5.05	4.67

802.11a_Nss1,(6Mbps)_4TX PSD

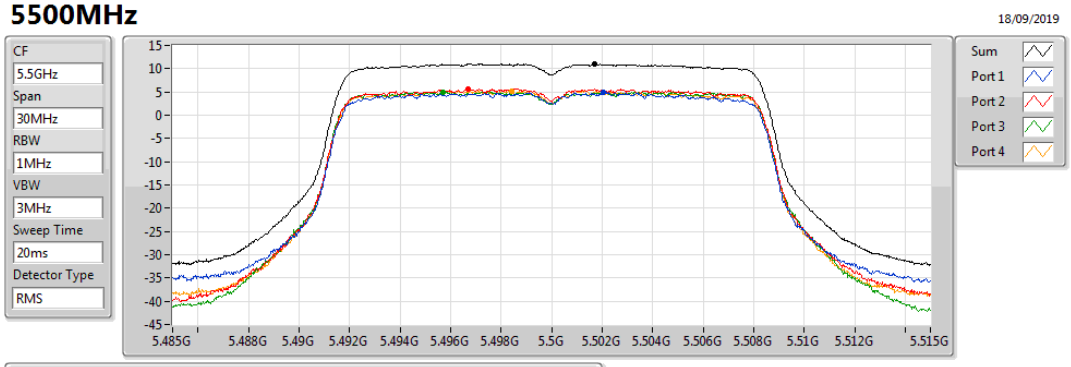
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.82	4.92	5.44	4.65

802.11a_Nss1,(6Mbps)_4TX **PSD**

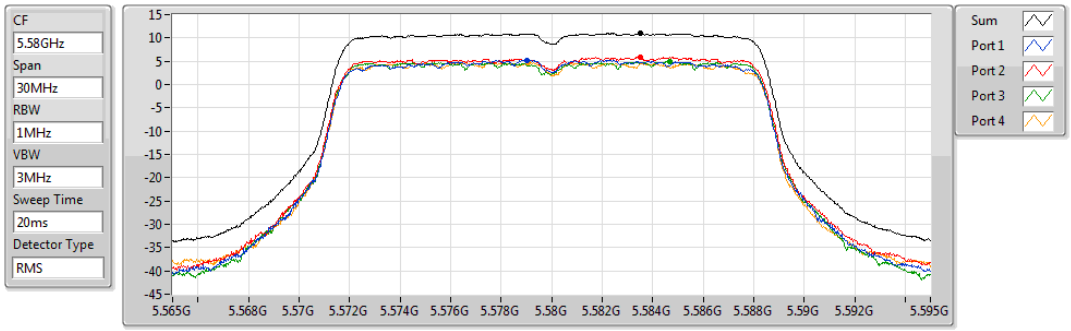
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	4.84	5.58	4.99	5.24

802.11a_Nss1,(6Mbps)_4TX **PSD**

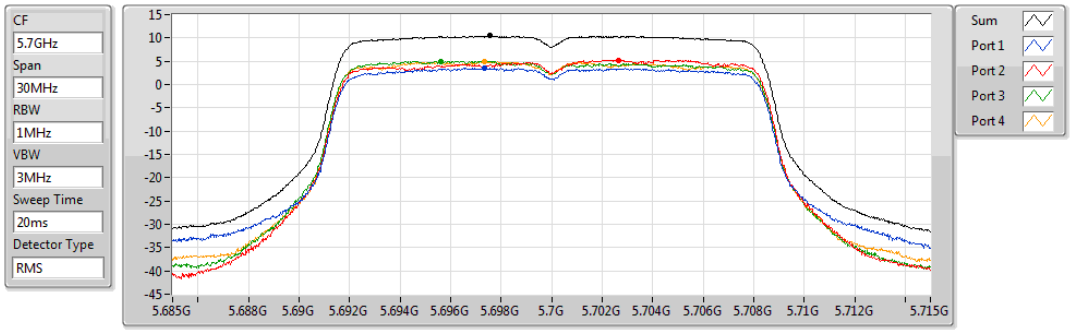
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.21	5.86	4.88	4.65

802.11a_Nss1,(6Mbps)_4TX **PSD**

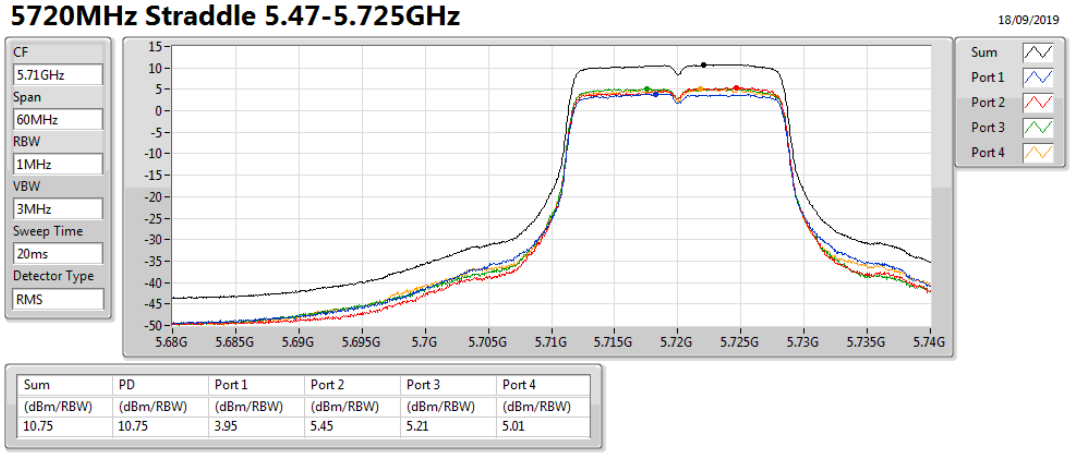
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	3.53	5.24	5.02	4.86

802.11a_Nss1,(6Mbps)_4TX **PSD**

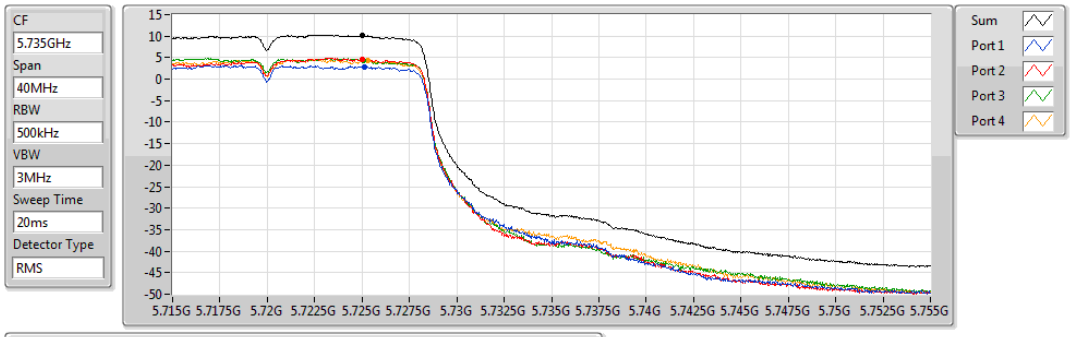
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	3.95	5.45	5.21	5.01

802.11a_Nss1,(6Mbps)_4TX **PSD**

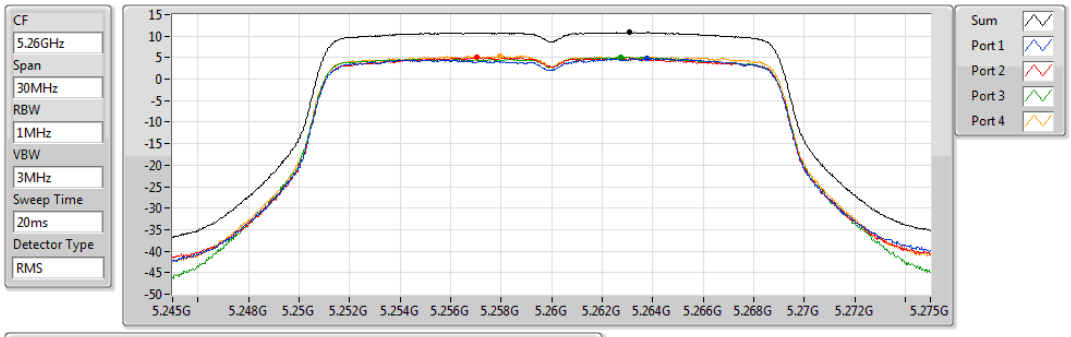
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	2.88	4.71	4.45	4.43

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

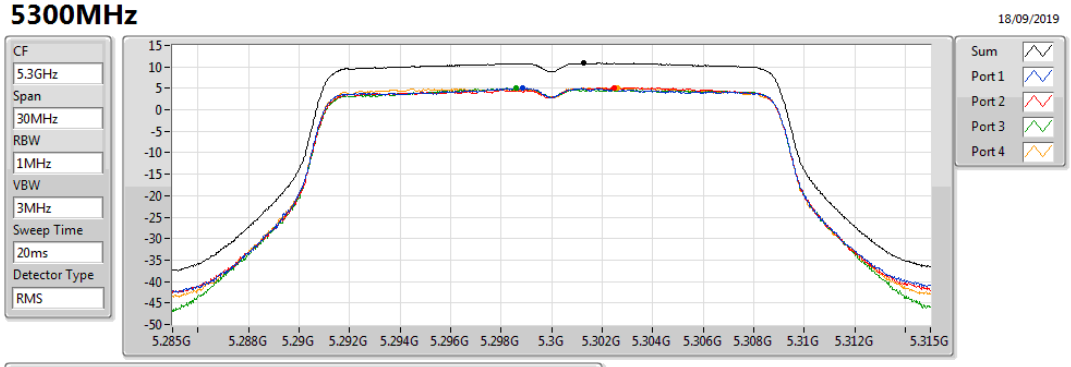
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.89	5.03	5.18	5.35

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

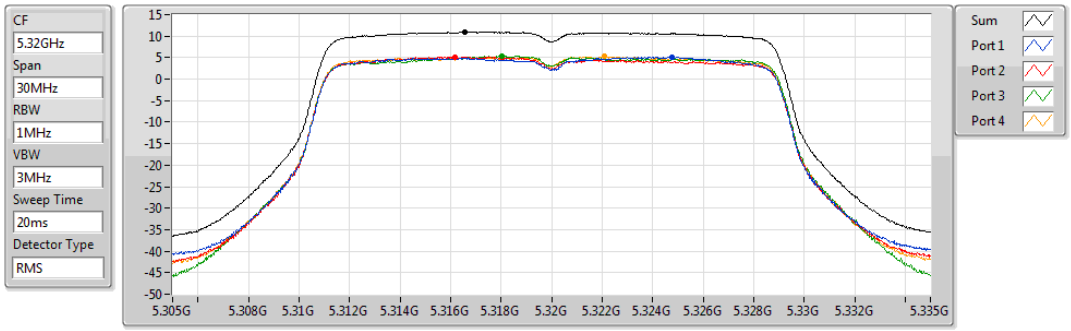
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	5.04	5.14	5.06	5.20

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

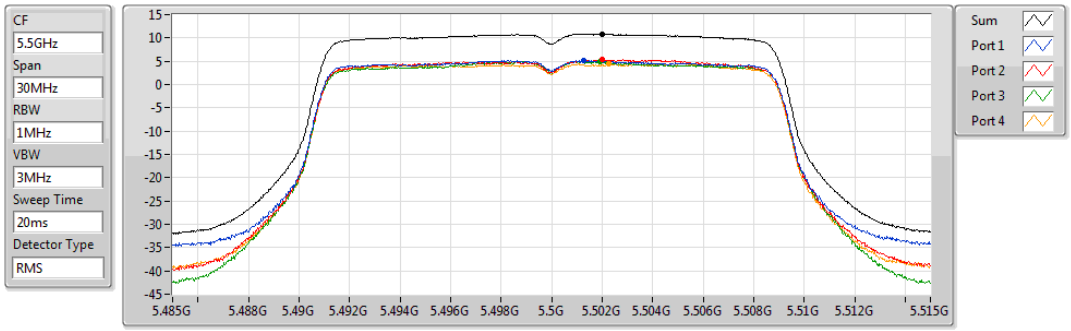
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.10	5.15	5.33	5.32

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

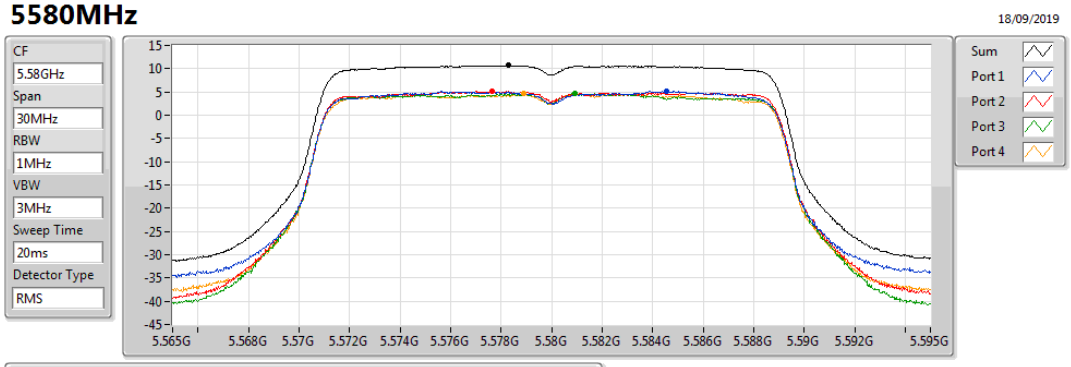
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	5.16	5.32	4.98	4.42

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

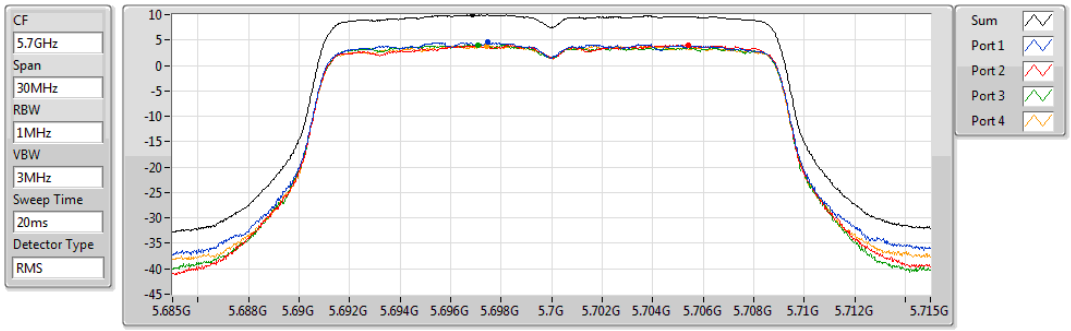
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	5.10	5.12	4.67	4.58

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

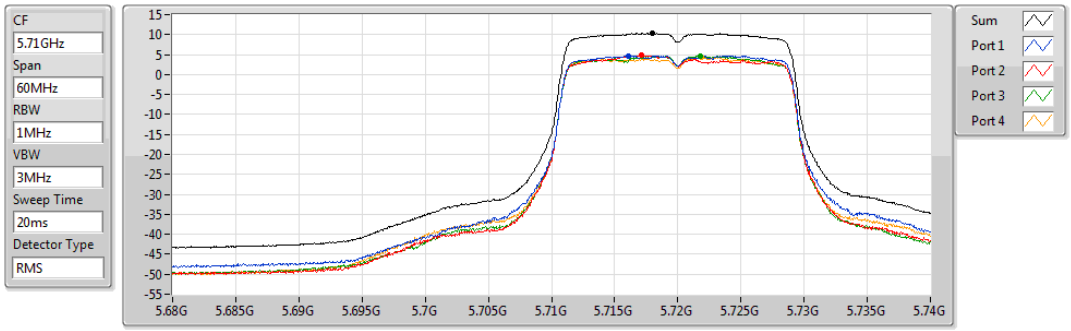
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	4.55	3.98	4.04	3.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

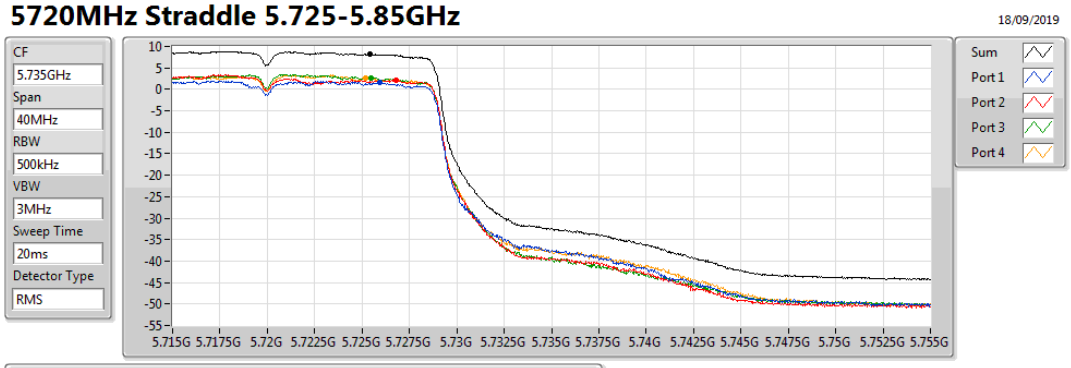
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.70	4.81	4.62	4.29

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

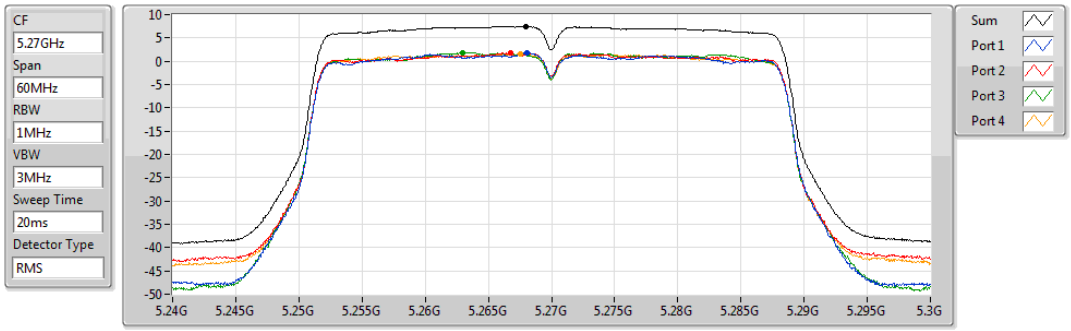
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	1.53	2.10	2.75	2.64

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

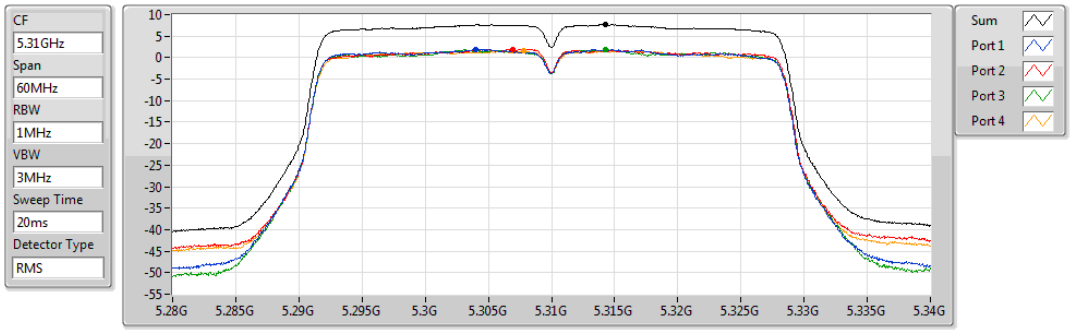
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	1.73	1.83	1.91	1.57

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

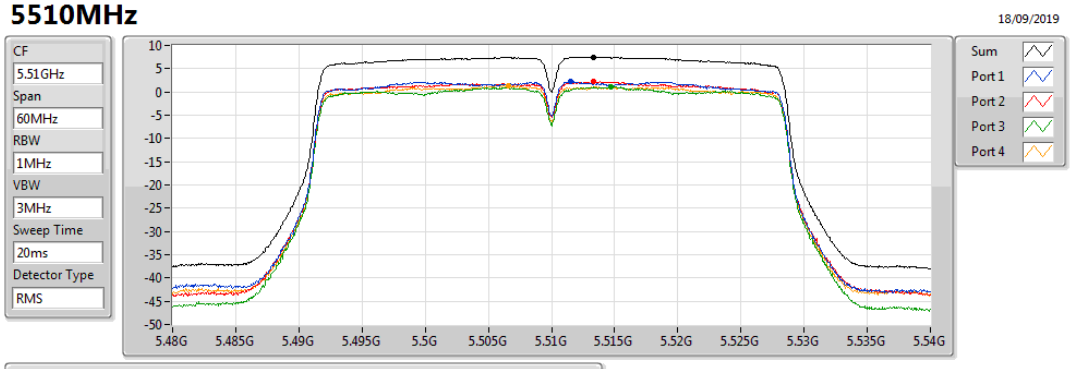
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	1.94	1.93	1.86	1.59

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

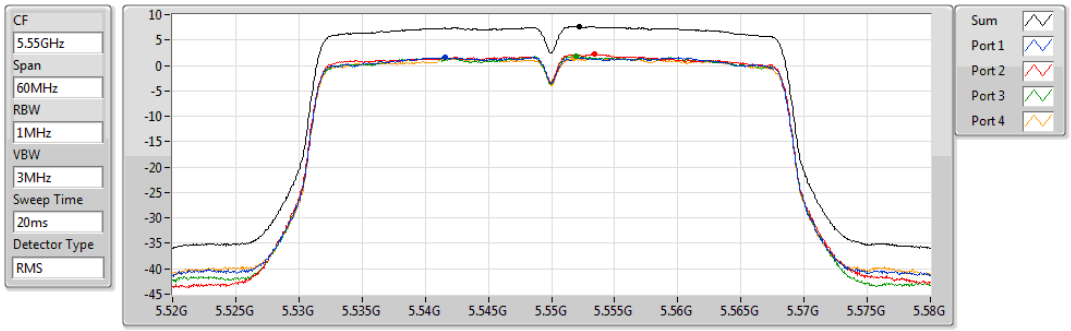
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	2.22	2.16	1.17	1.39

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

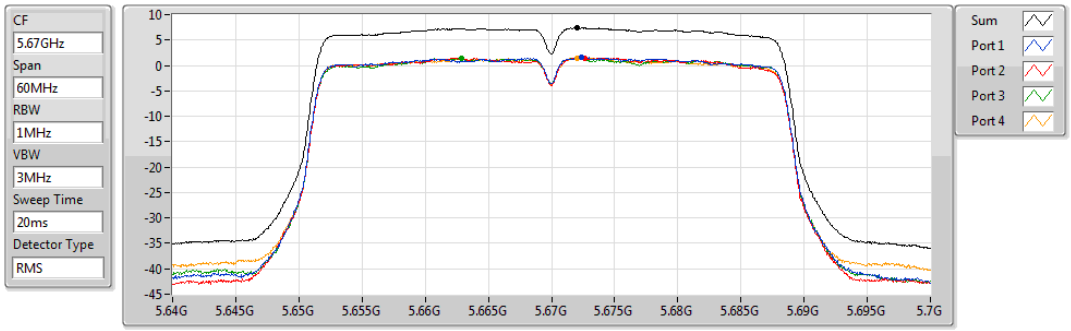
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	1.59	2.26	1.86	1.43

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5670MHz

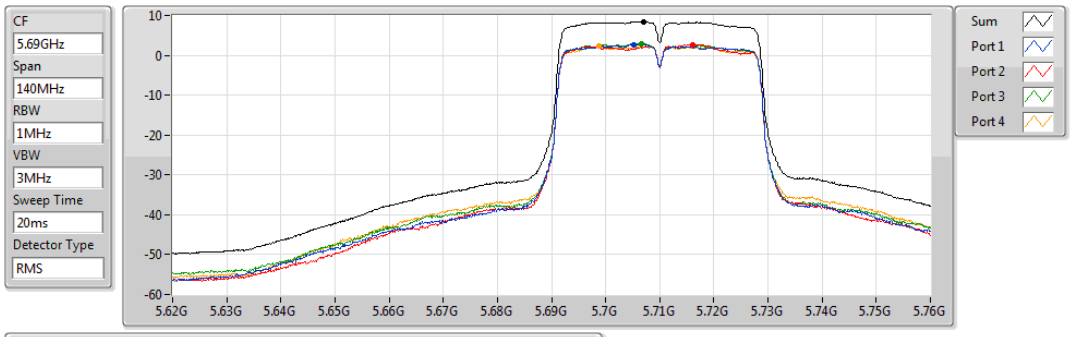


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.62	1.50	1.43	1.50

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

5710MHz Straddle 5.47-5.725GHz

17/09/2019

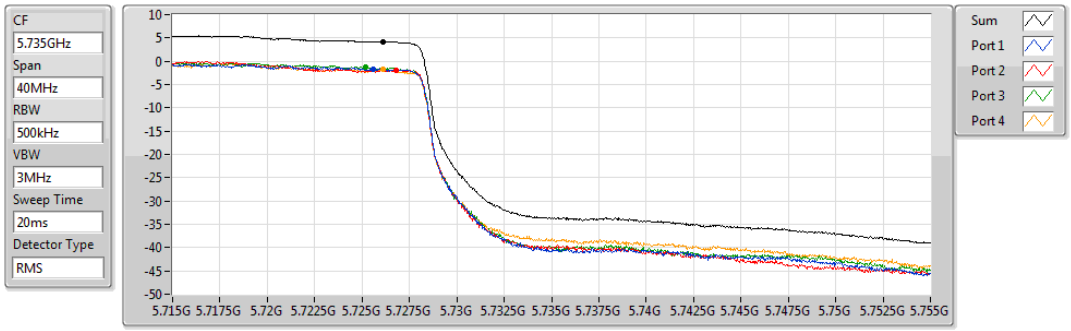


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	2.75	2.72	2.93	2.25

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

5710MHz Straddle 5.725-5.85GHz

17/09/2019

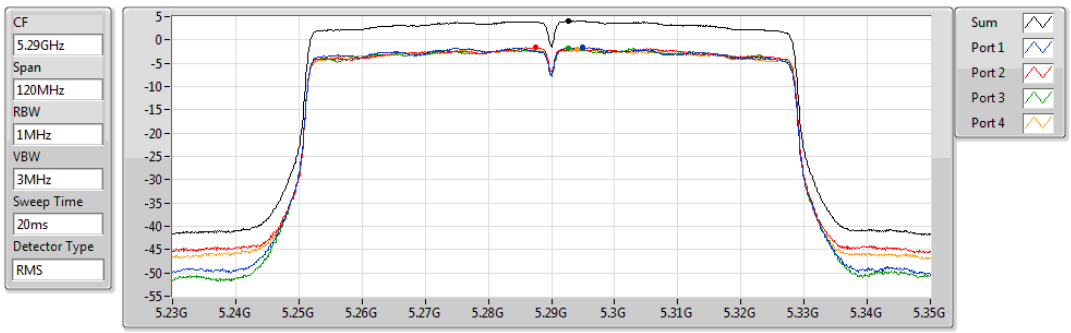


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.63	-1.91	-1.29	-1.73

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

5290MHz

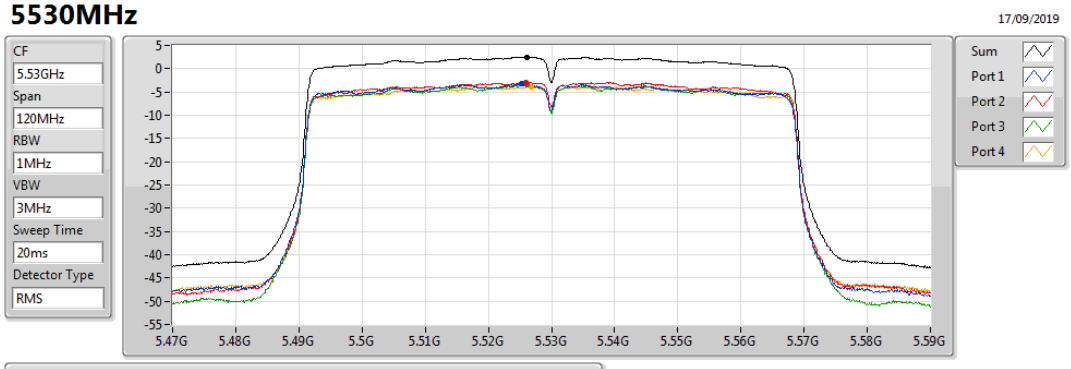
17/09/2019



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	-1.58	-1.60	-1.69	-2.07

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

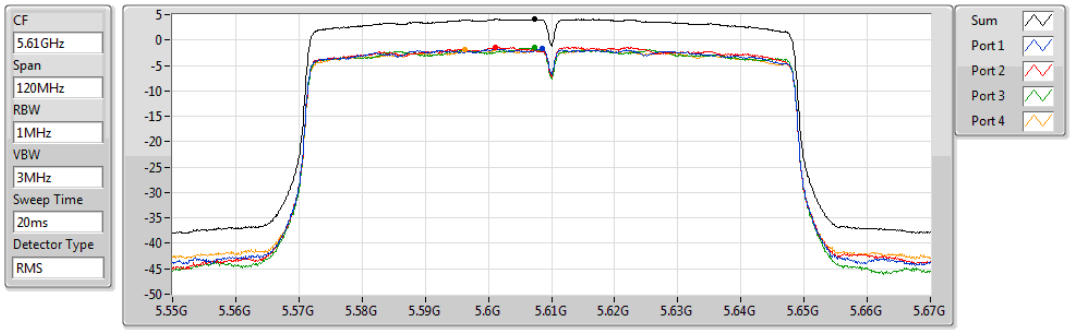
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.32	-2.94	-3.43	-3.91

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

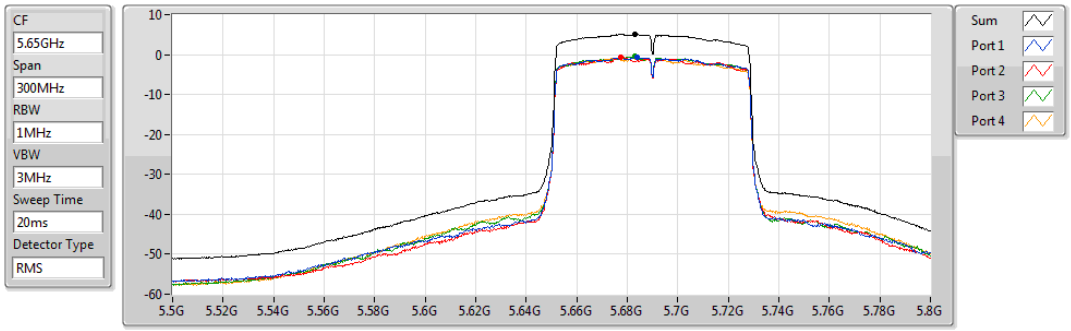
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	-1.67	-1.37	-1.55	-1.85

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

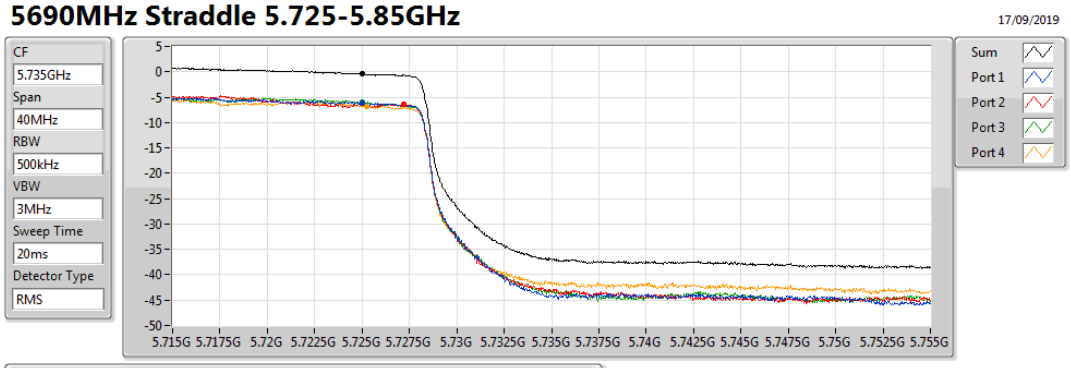
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.63	-0.64	-0.45	-0.80

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

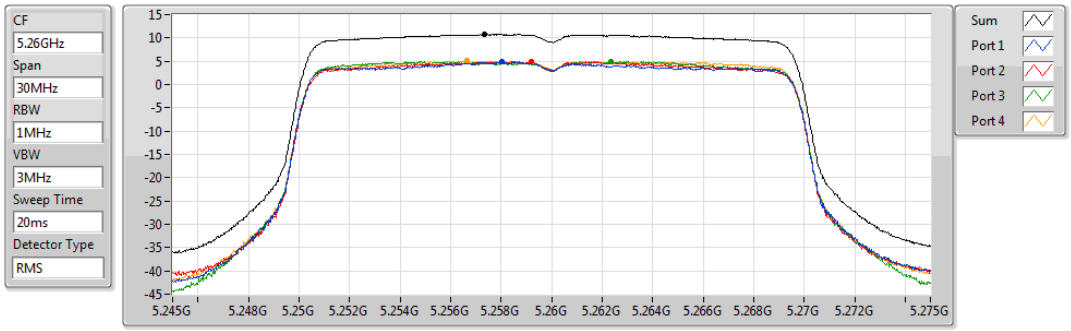
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-6.10	-6.32	-5.99	-6.80

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

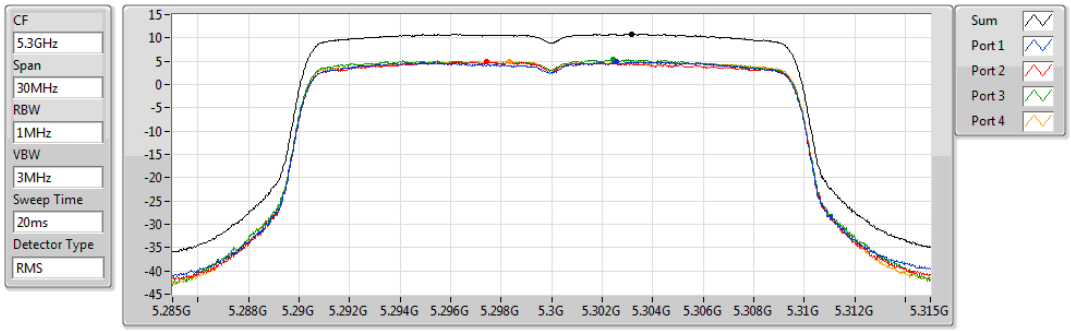
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	4.92	4.90	4.95	5.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

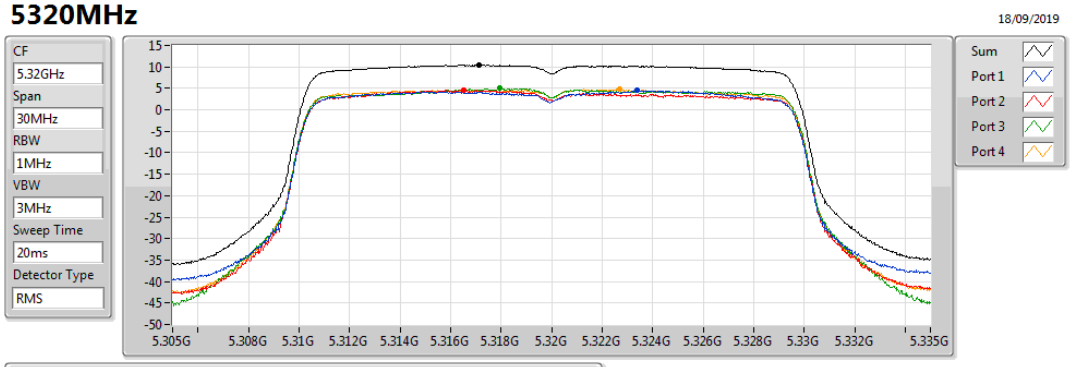
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.85	4.86	5.37	4.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

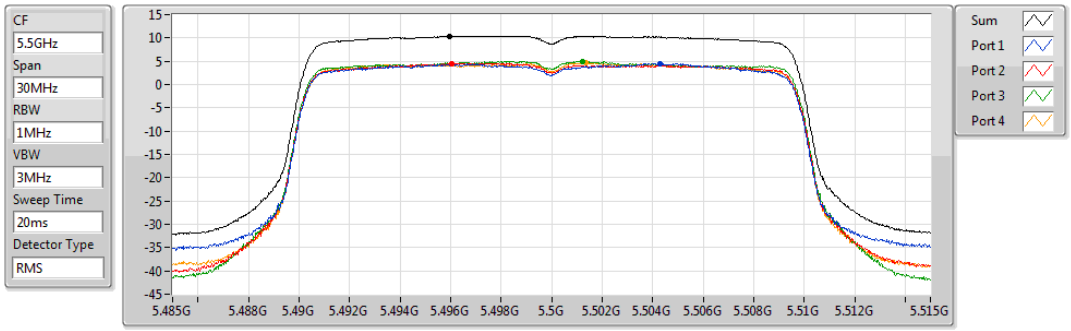
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	4.51	4.59	5.09	4.77

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

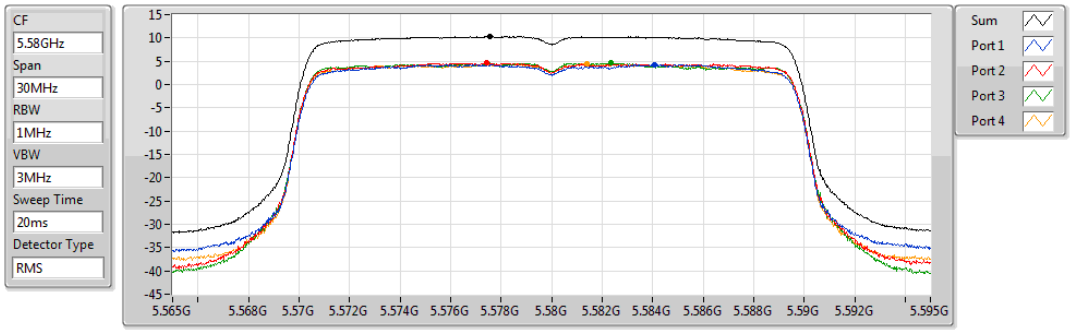
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	4.53	4.57	5.01	4.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

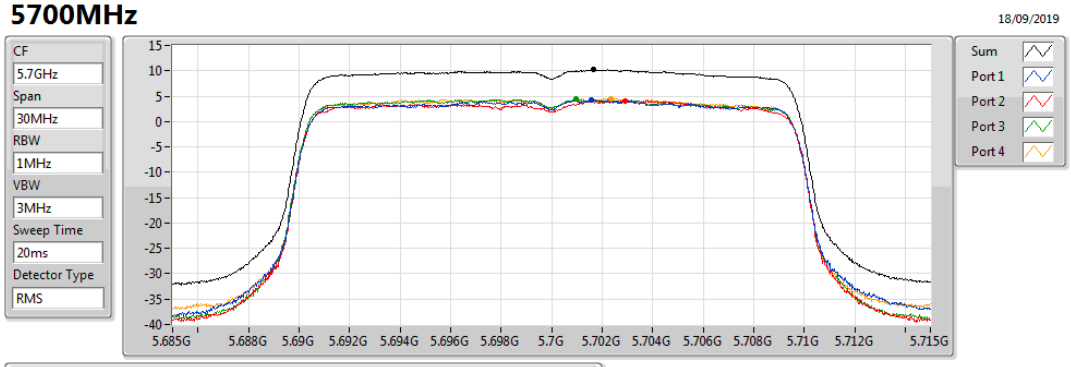
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.31	4.60	4.58	4.46

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

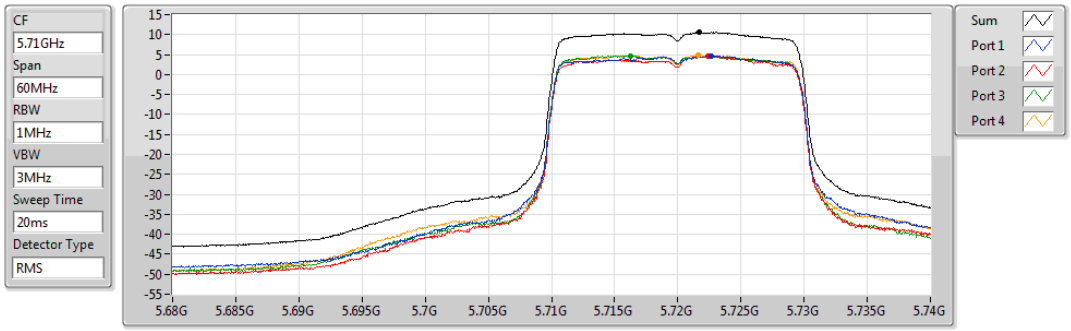
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.23	4.12	4.37	4.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

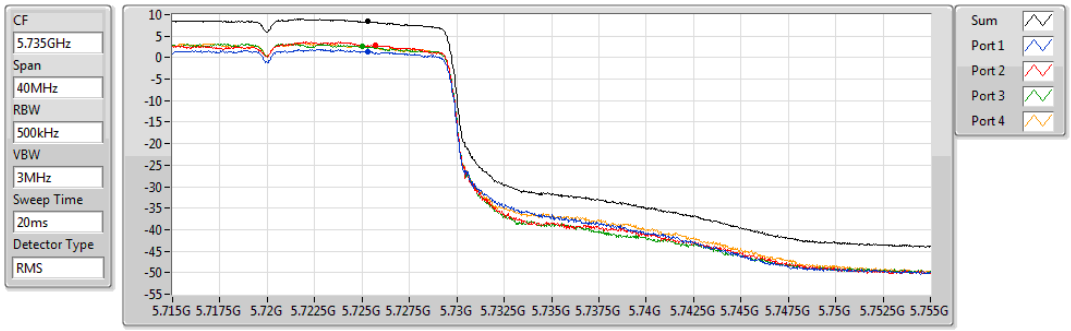
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.68	4.54	4.67	4.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

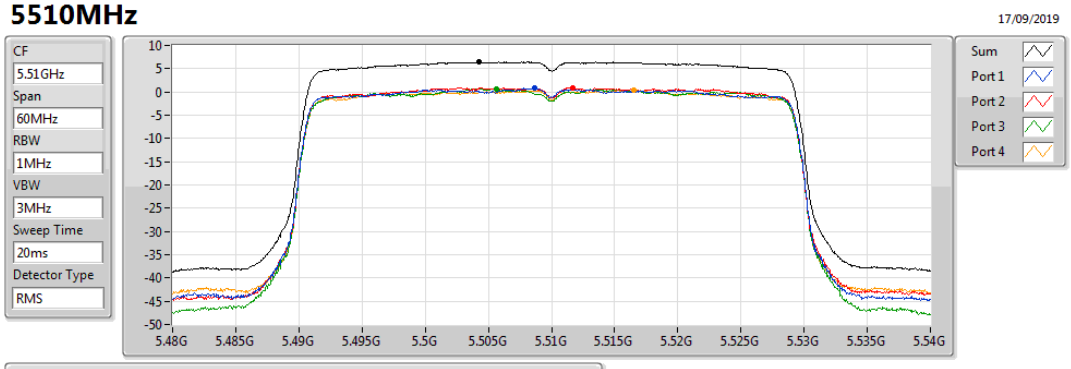
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	1.47	2.88	2.59	2.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

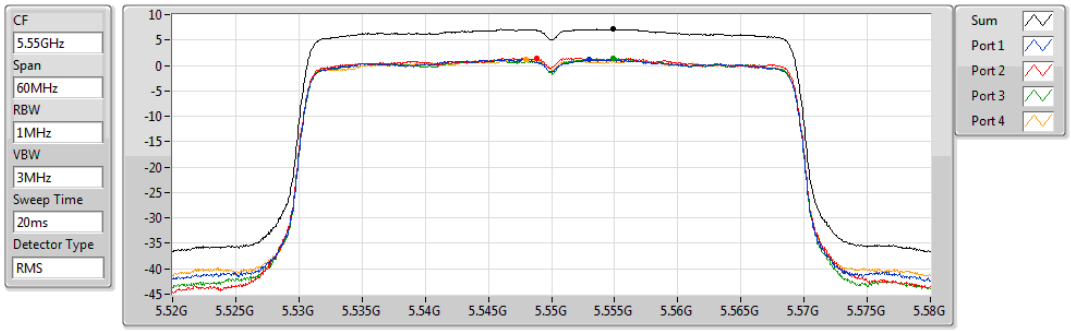
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	0.83	0.90	0.73	0.32

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

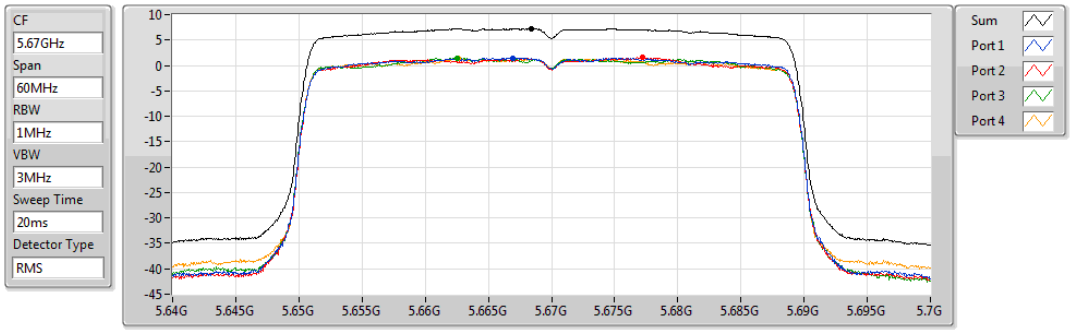
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.15	1.43	1.49	1.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

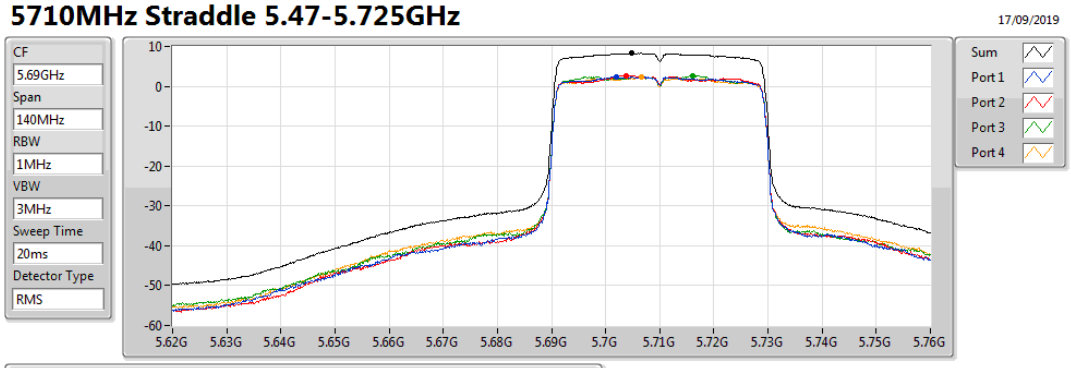
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	1.49	1.54	1.45	1.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

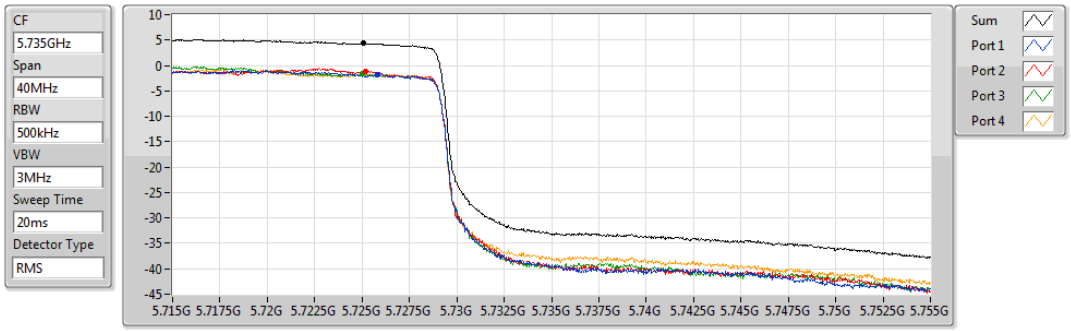
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	2.41	2.74	2.58	2.31

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

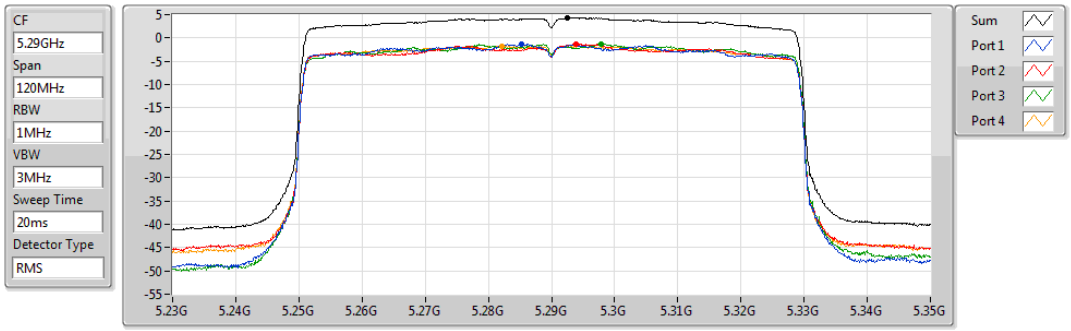
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	-1.78	-1.19	-1.68	-1.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

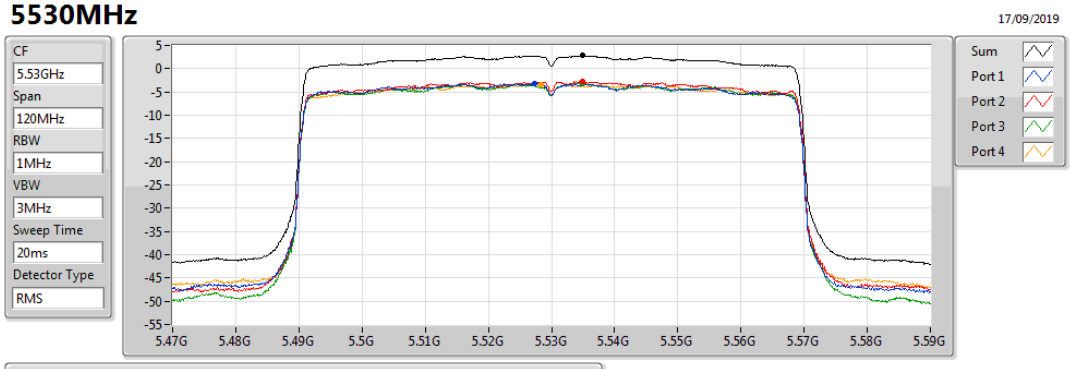
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	-1.29	-1.34	-1.22	-1.68

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

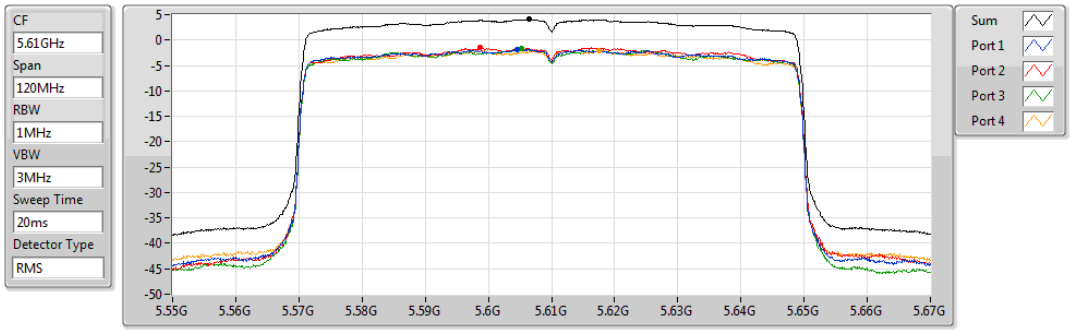
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-3.13	-2.83	-3.14	-3.46

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

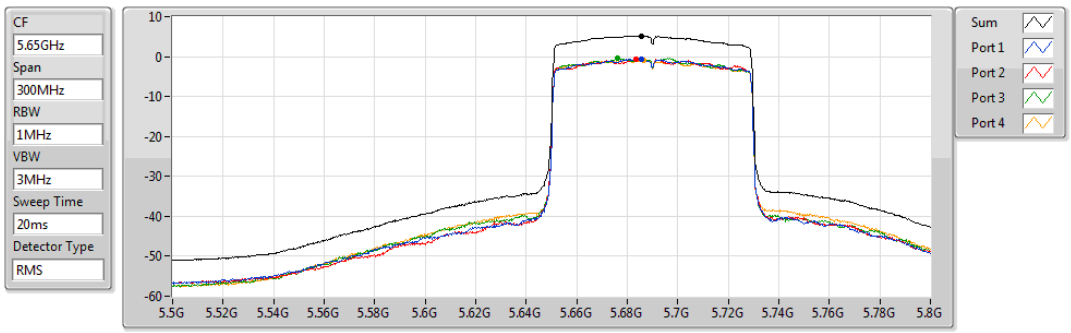
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.79	-1.53	-1.71	-2.04

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

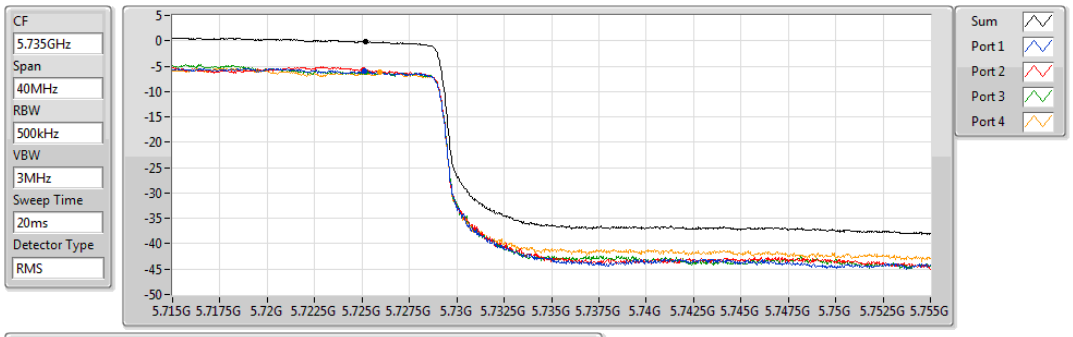


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.68	-0.67	-0.42	-0.88

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

17/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.08	-0.08	-6.02	-5.65	-6.13	-6.21

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	0.37
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-0.09
5.25-5.35GHz	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	0.46
802.11ax HEW80+80_Nss1,(MCS0)_4TX	0.08
5.47-5.725GHz	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	0.08
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-0.03

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

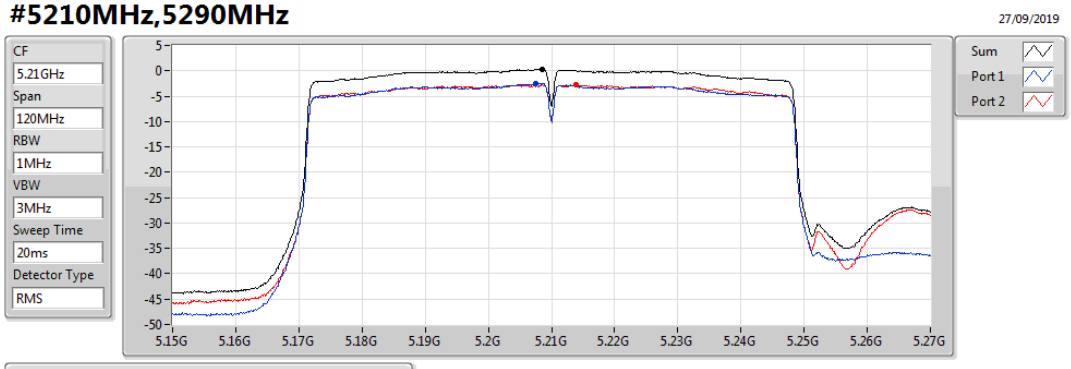
Result

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 VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.01	-2.51	-2.73			0.37	17.00	5.38	Inf
5210MHz,#5290MHz	Pass	5.01			-2.48	-2.33	0.46	11.00	5.47	Inf
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.01	-3.61	-3.21	-2.71	-3.12	0.08	11.00	5.09	Inf
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.01	-2.77	-3.45			-0.09	17.00	4.92	Inf
5210MHz,#5290MHz	Pass	5.01			-2.91	-2.87	0.08	11.00	5.09	Inf
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.01	-2.92	-3.21	-2.94	-3.12	-0.03	11.00	4.98	17.00

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

802.11ac VHT80+80_Nss1,(MCS0)_4TX PSD

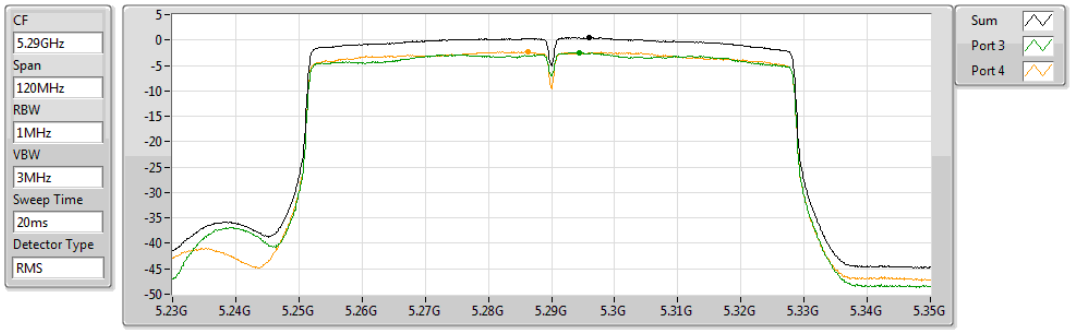
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-2.51	-2.73

802.11ac VHT80+80_Nss1,(MCS0)_4TX PSD

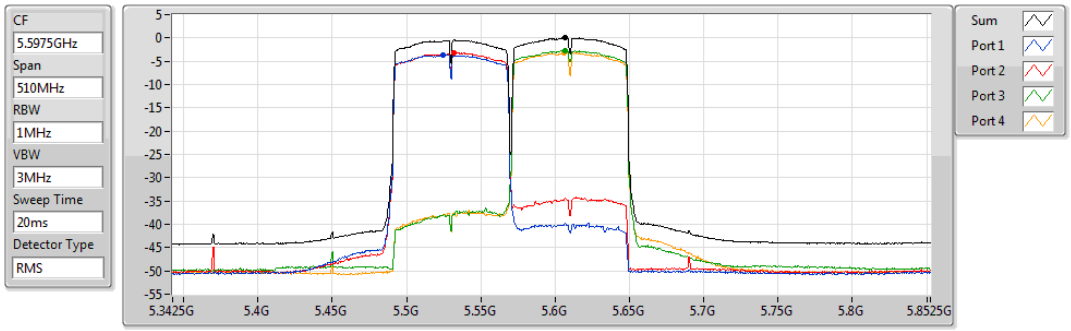
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46			-2.48	-2.33

802.11ac VHT80+80_Nss2,(MCS0)_4TX PSD

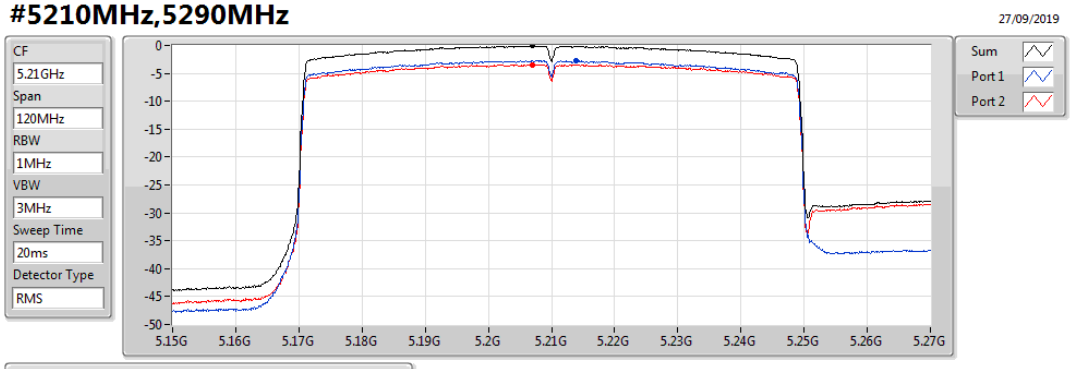
#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	-3.61	-3.21	-2.71	-3.12

802.11ax HEW80+80_Nss1,(MCS0)_4TX PSD

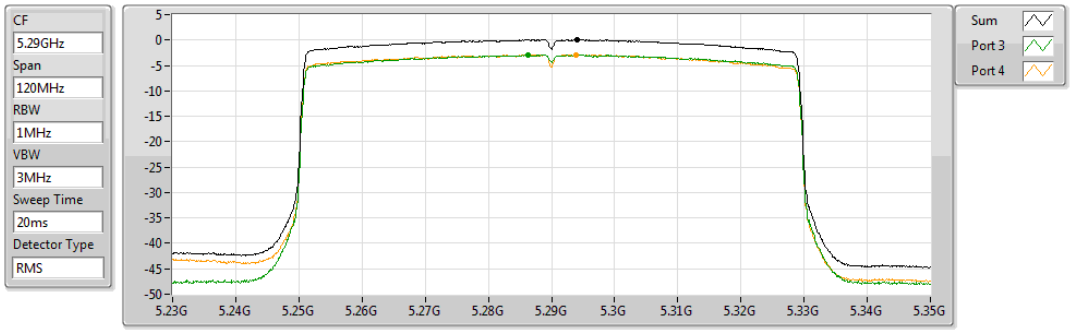
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-2.77	-3.45

802.11ax HEW80+80_Nss1,(MCS0)_4TX PSD

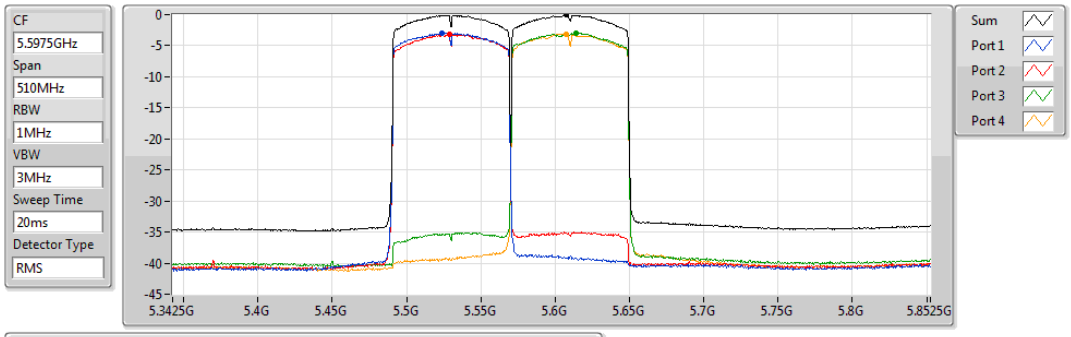
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08			-2.91	-2.87

802.11ax HEW80+80_Nss2,(MCS0)_4TX PSD

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.03	-0.03	-2.92	-3.21	-2.94	-3.12

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.75
802.11ax HEW40_Nss1,(MCS0)_4TX	6.88
802.11ax HEW80_Nss1,(MCS0)_4TX	3.85
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.30
802.11ax HEW40_Nss1,(MCS0)_4TX	7.11
802.11ax HEW80_Nss1,(MCS0)_4TX	4.75
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.86
802.11ax HEW40_Nss1,(MCS0)_4TX	4.23
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.52

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

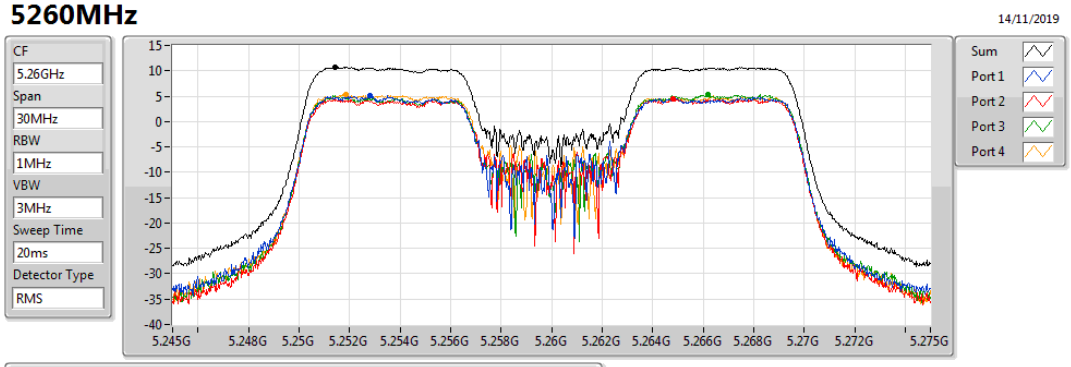
Result

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)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	5.08	4.51	5.23	5.29	10.75	11.00
5300MHz	Pass	5.01	4.83	4.75	4.97	4.66	10.48	11.00
5320MHz	Pass	5.01	4.69	4.53	4.48	4.08	10.11	11.00
5500MHz	Pass	5.01	4.13	4.62	4.44	4.57	10.13	11.00
5580MHz	Pass	5.01	4.17	4.27	4.52	4.43	10.10	11.00
5700MHz	Pass	5.01	3.81	4.70	4.27	4.24	9.85	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.26	4.55	4.80	4.34	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	2.20	2.36	2.08	2.05	7.86	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	1.29	1.21	1.32	0.91	6.88	11.00
5310MHz	Pass	5.01	0.99	0.93	1.12	1.26	6.86	11.00
5510MHz	Pass	5.01	0.26	0.36	0.47	0.38	6.04	11.00
5550MHz	Pass	5.01	1.00	0.96	1.02	0.91	6.67	11.00
5670MHz	Pass	5.01	1.10	1.21	0.96	1.07	6.83	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	1.32	1.47	1.38	1.21	7.11	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.71	-1.47	-1.63	-1.65	4.23	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.76	-2.10	-1.37	-1.20	3.85	11.00
5530MHz	Pass	5.01	-3.07	-3.48	-3.32	-3.39	2.38	11.00
5610MHz	Pass	5.01	-2.27	-2.13	-1.68	-2.15	3.63	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-1.11	-0.73	-0.74	-0.70	4.75	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.06	-6.64	-5.90	-5.98	-0.52	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

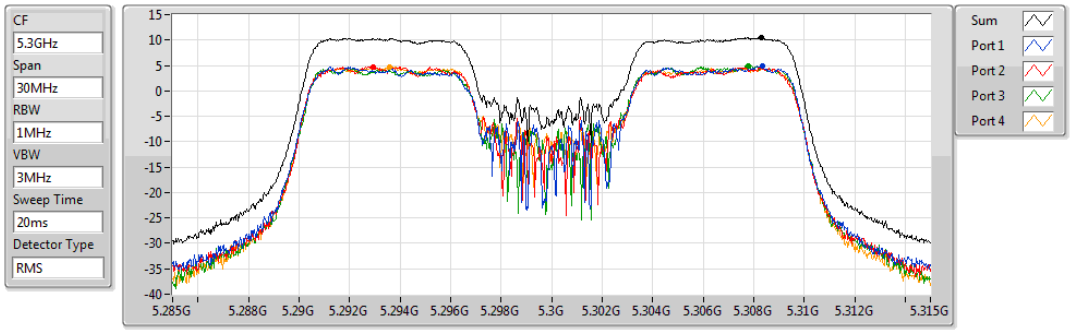
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	5.08	4.51	5.23	5.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

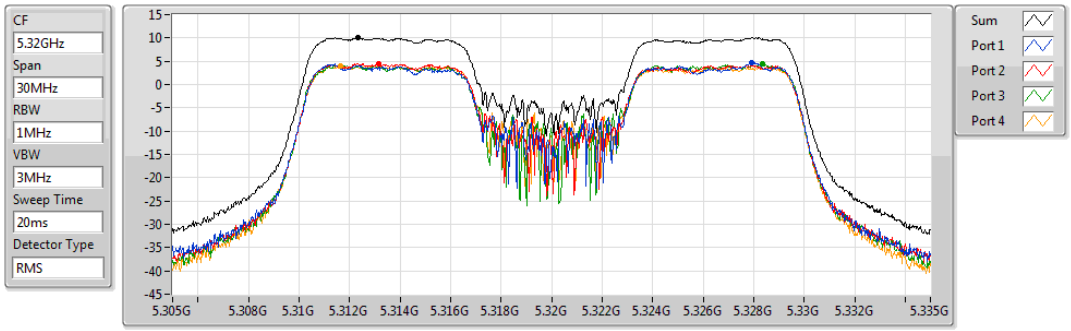
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.83	4.75	4.97	4.66

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

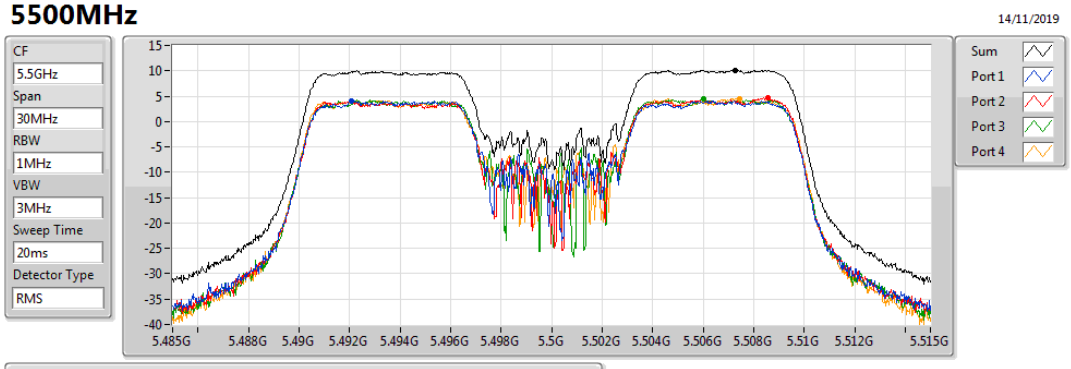
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	4.69	4.53	4.48	4.08

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

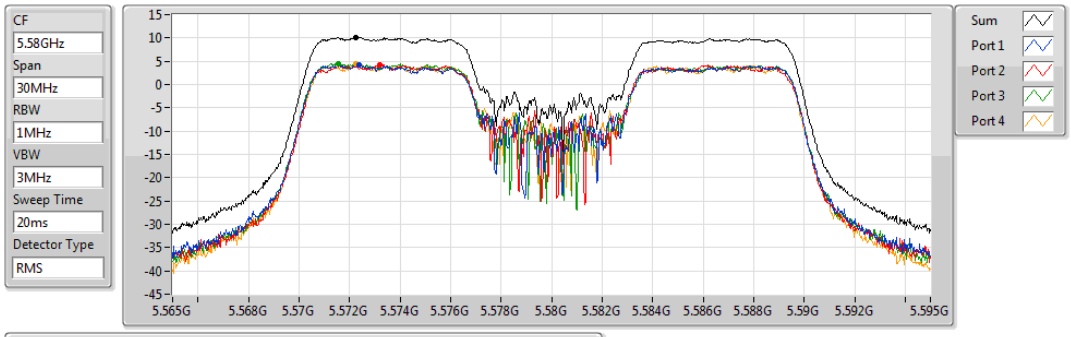
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	4.13	4.62	4.44	4.57

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

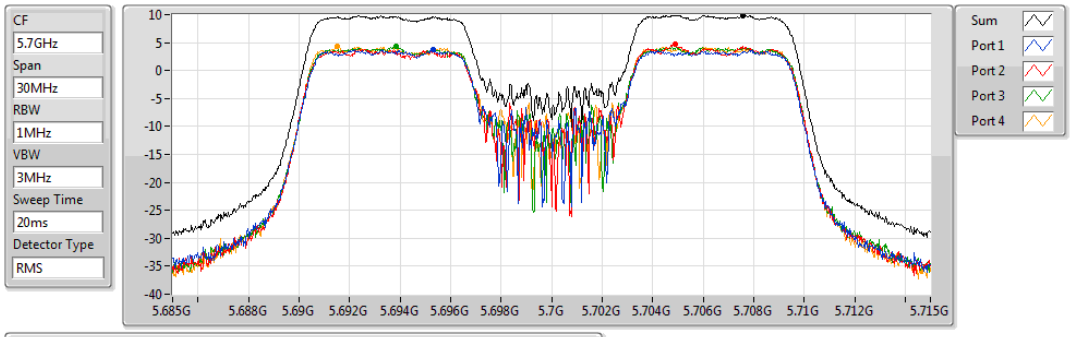
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	4.17	4.27	4.52	4.43

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

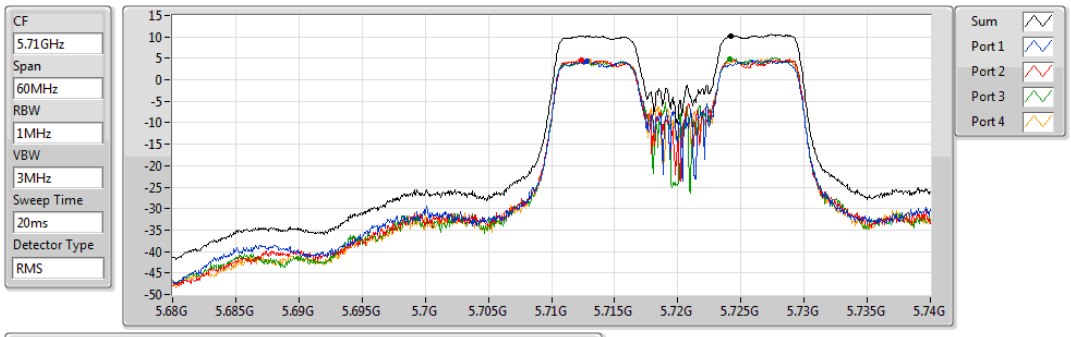


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	3.81	4.70	4.27	4.24

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

5720MHz Straddle 5.47-5.725GHz

14/11/2019

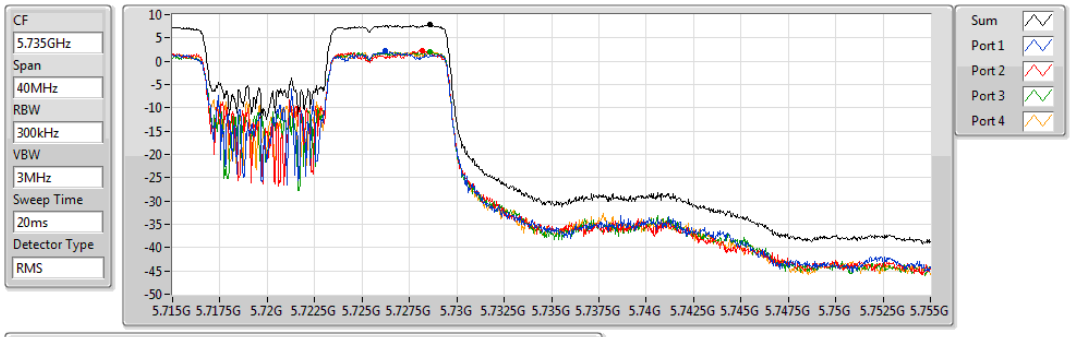


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.26	4.55	4.80	4.34

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

5720MHz Straddle 5.725-5.85GHz

14/11/2019

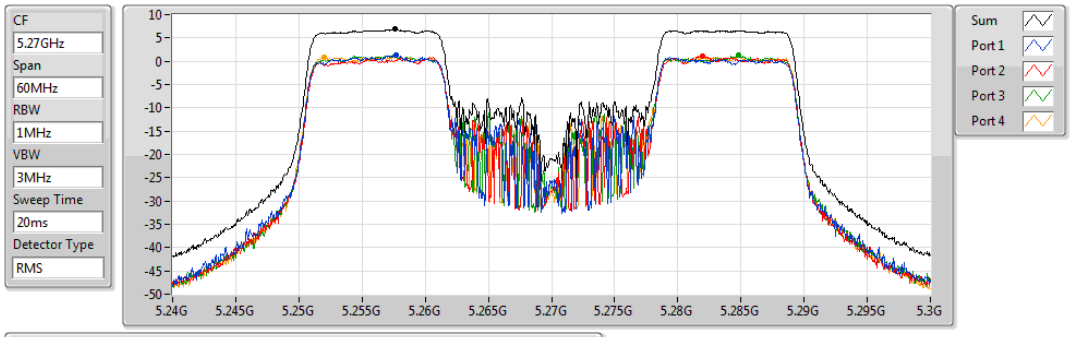


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	2.20	2.36	2.08	2.05

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

5270MHz

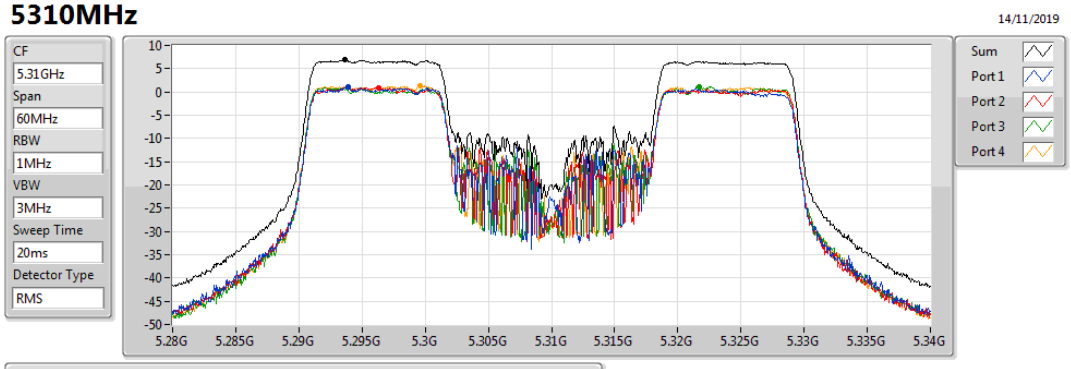
14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.29	1.21	1.32	0.91

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

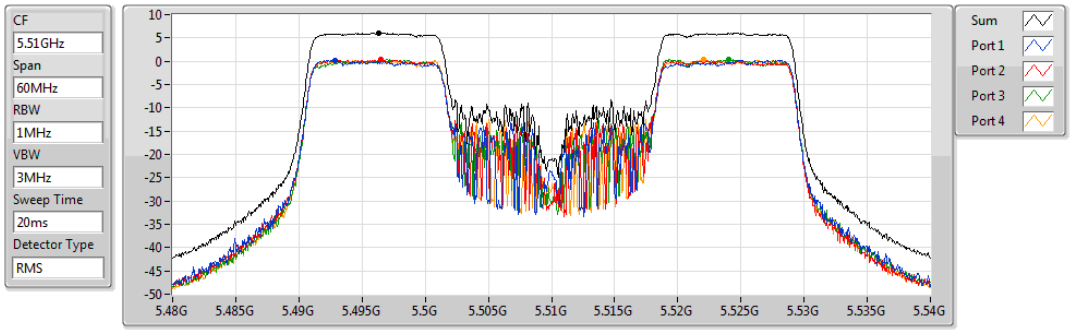
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	0.99	0.93	1.12	1.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

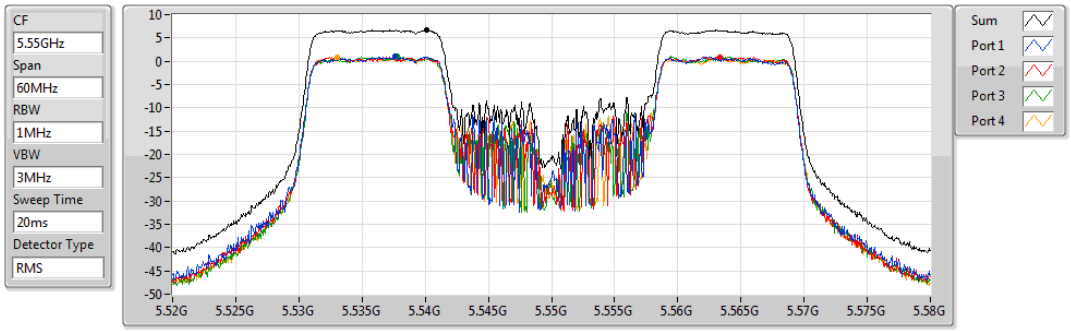
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	0.26	0.36	0.47	0.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

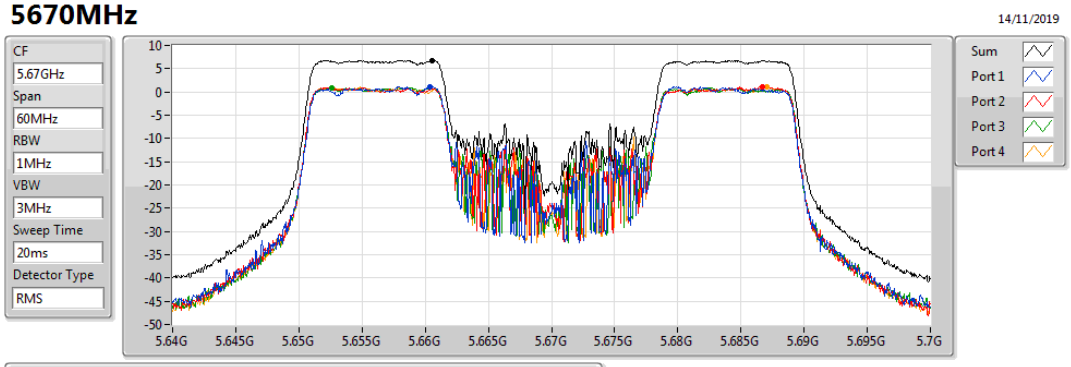
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.00	0.96	1.02	0.91

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

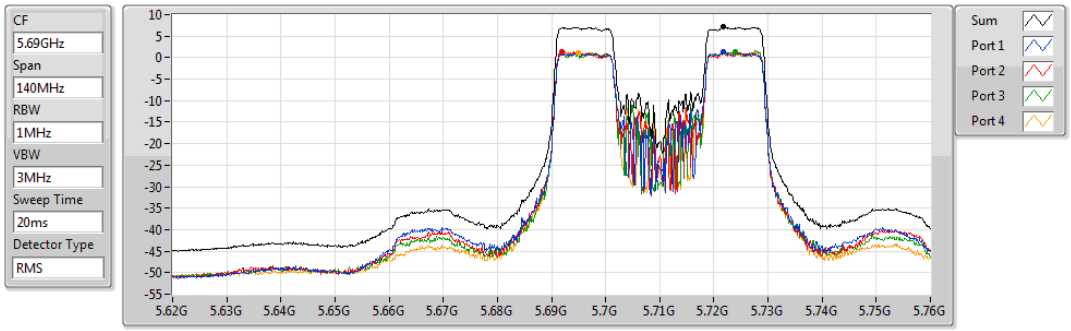
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	1.10	1.21	0.96	1.07

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

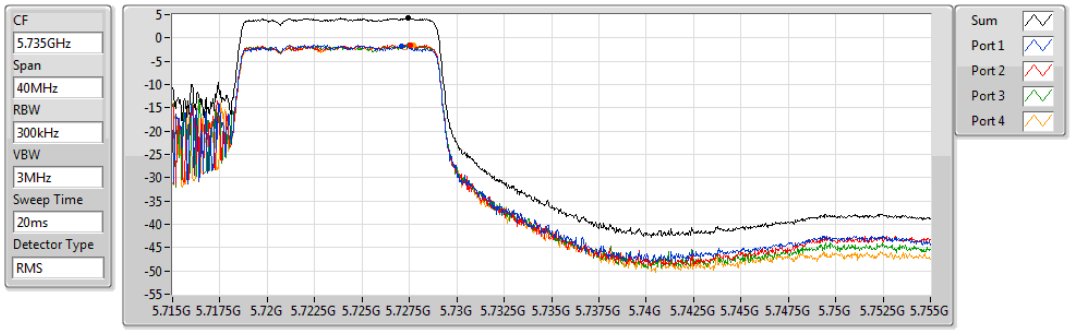
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	1.32	1.47	1.38	1.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

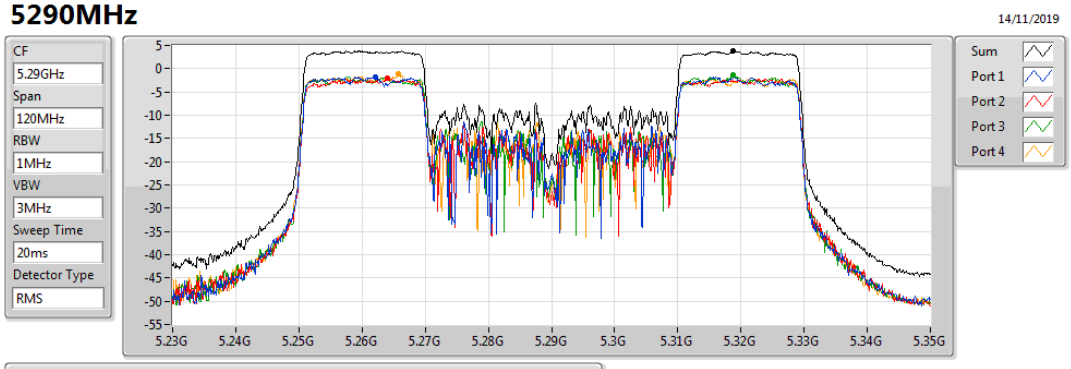
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.71	-1.47	-1.63	-1.65

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

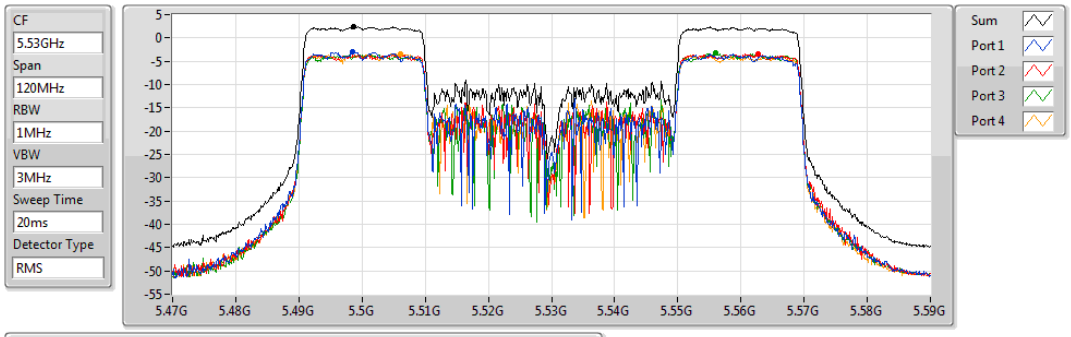
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	-1.76	-2.10	-1.37	-1.20

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

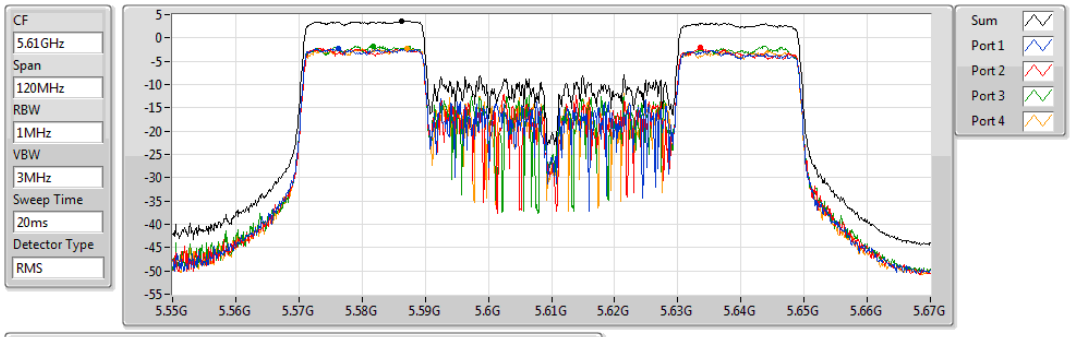
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-3.07	-3.48	-3.32	-3.39

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

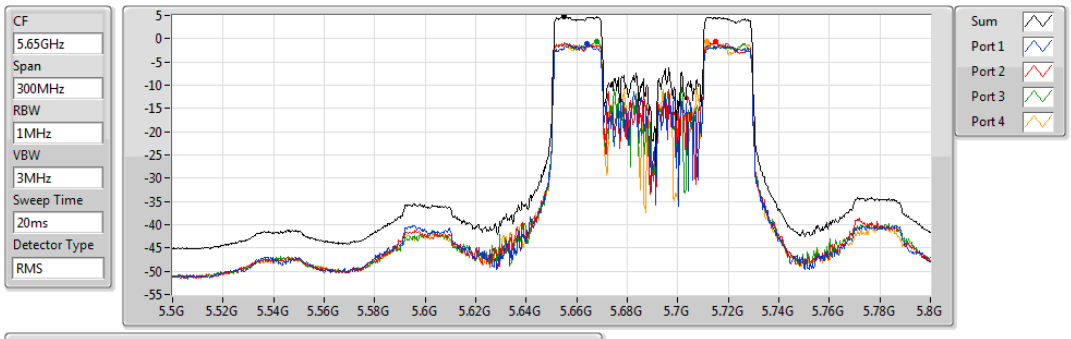


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	-2.27	-2.13	-1.68	-2.15

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

14/11/2019

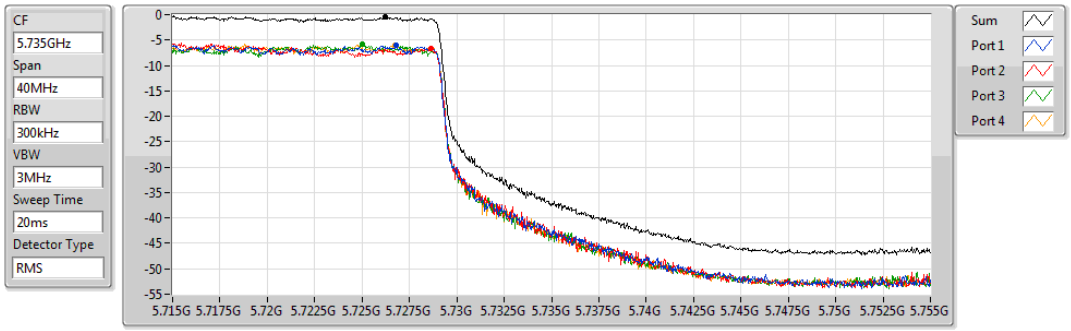


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-1.11	-0.73	-0.74	-0.70

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-6.06	-6.64	-5.90	-5.98

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.56
802.11ax HEW40_Nss1,(MCS0)_4TX	6.85
802.11ax HEW80_Nss1,(MCS0)_4TX	3.84
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.32
802.11ax HEW40_Nss1,(MCS0)_4TX	8.07
802.11ax HEW80_Nss1,(MCS0)_4TX	4.69
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.08
802.11ax HEW40_Nss1,(MCS0)_4TX	-7.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-10.57

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

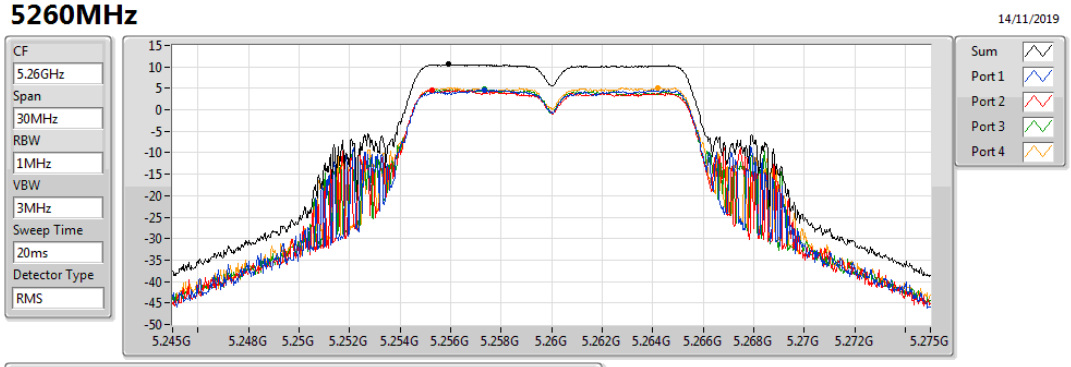
Result

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)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.71	4.63	4.72	5.14	10.56	11.00
5300MHz	Pass	5.01	4.67	4.81	4.85	5.07	10.46	11.00
5320MHz	Pass	5.01	4.69	4.31	4.88	4.27	10.20	11.00
5500MHz	Pass	5.01	4.27	4.31	4.75	4.29	10.24	11.00
5580MHz	Pass	5.01	4.32	4.34	4.22	4.29	10.06	11.00
5700MHz	Pass	5.01	3.96	4.75	4.58	4.55	10.15	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.21	4.57	4.38	4.50	10.32	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.24	1.00	1.11	0.97	7.08	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	0.99	1.00	1.22	1.31	6.80	11.00
5310MHz	Pass	5.01	1.19	1.28	1.45	1.22	6.85	11.00
5510MHz	Pass	5.01	0.51	0.39	0.88	0.68	6.27	11.00
5550MHz	Pass	5.01	1.09	0.94	1.11	1.29	6.88	11.00
5670MHz	Pass	5.01	1.09	1.55	1.95	1.21	7.07	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.09	2.19	2.35	2.66	8.07	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-12.39	-8.36	-13.11	-11.98	-7.28	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.82	-1.98	-1.69	-1.93	3.84	11.00
5530MHz	Pass	5.01	-3.45	-3.29	-3.07	-3.19	2.46	11.00
5610MHz	Pass	5.01	-1.96	-1.95	-1.98	-1.88	3.99	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-1.23	-0.57	-0.79	-0.71	4.69	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-13.86	-15.05	-14.73	-15.31	-10.57	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

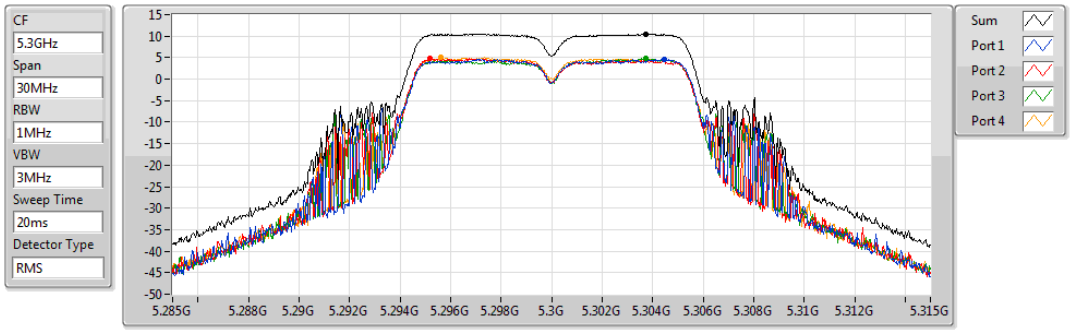
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.71	4.63	4.72	5.14

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

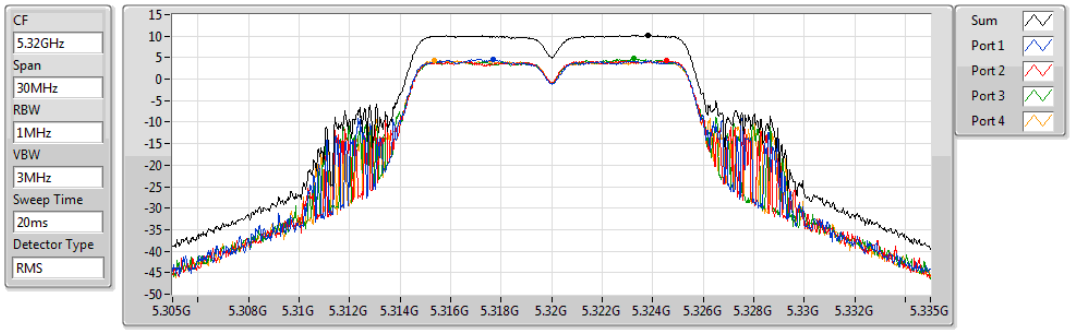
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	4.67	4.81	4.85	5.07

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

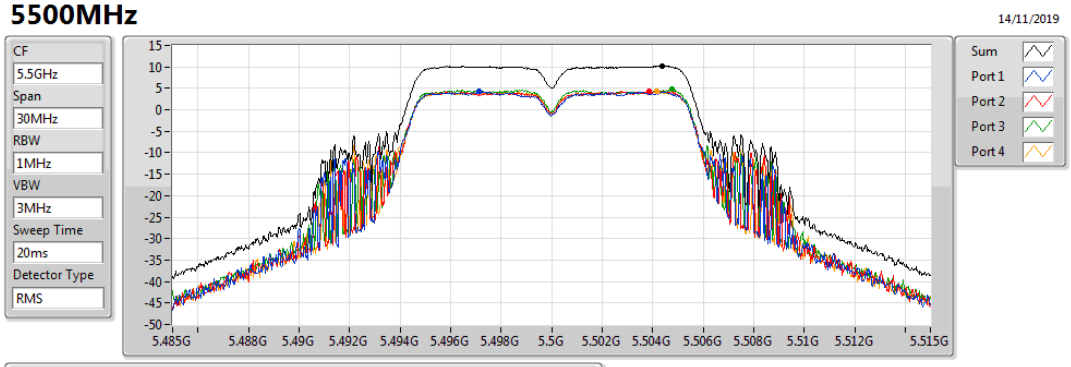
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	4.69	4.31	4.88	4.27

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

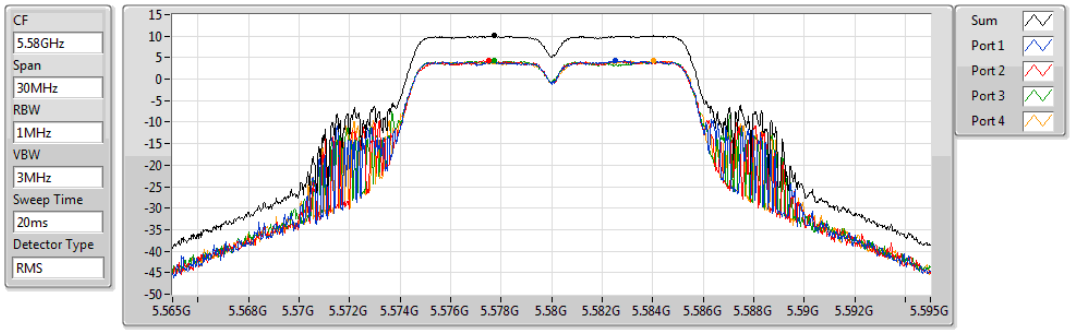
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	4.27	4.31	4.75	4.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

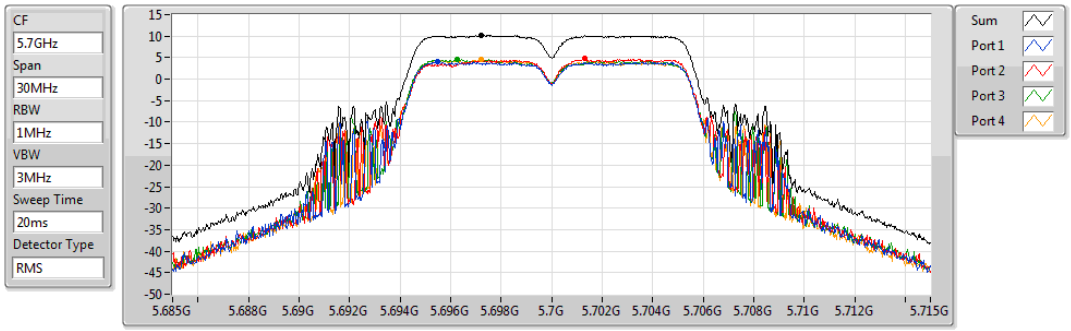
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	4.32	4.34	4.22	4.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

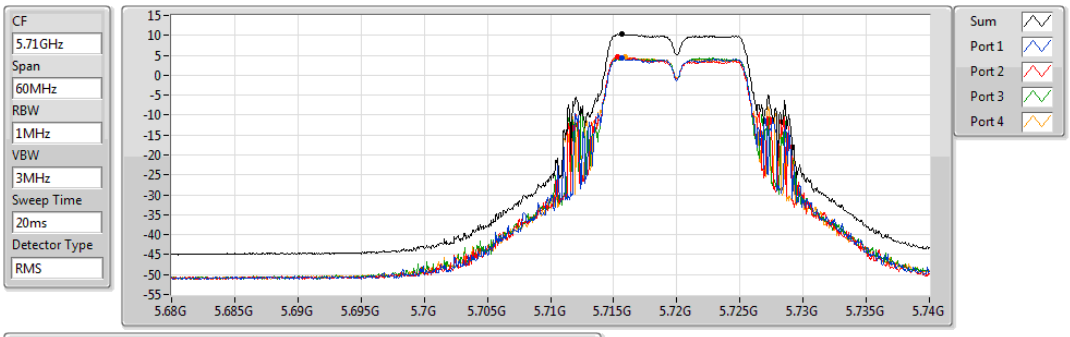


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	3.96	4.75	4.58	4.55

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

14/11/2019

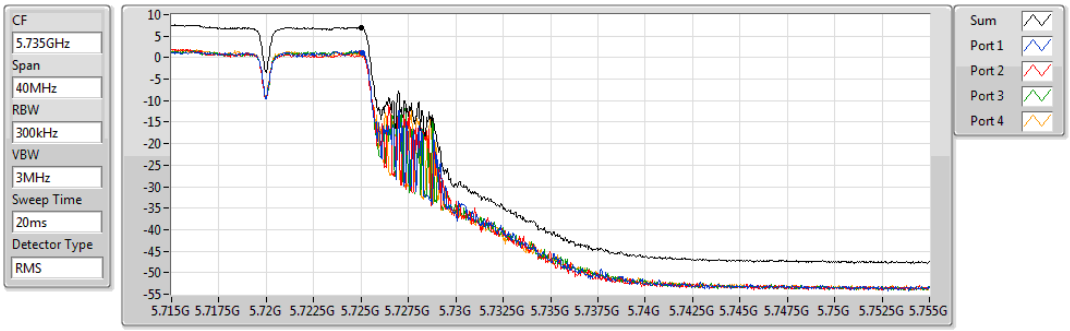


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.21	4.57	4.38	4.50

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

14/11/2019

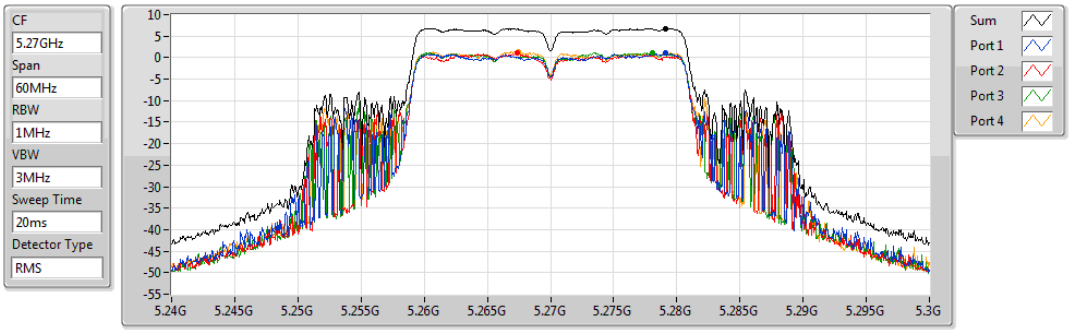


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	1.24	1.00	1.11	0.97

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

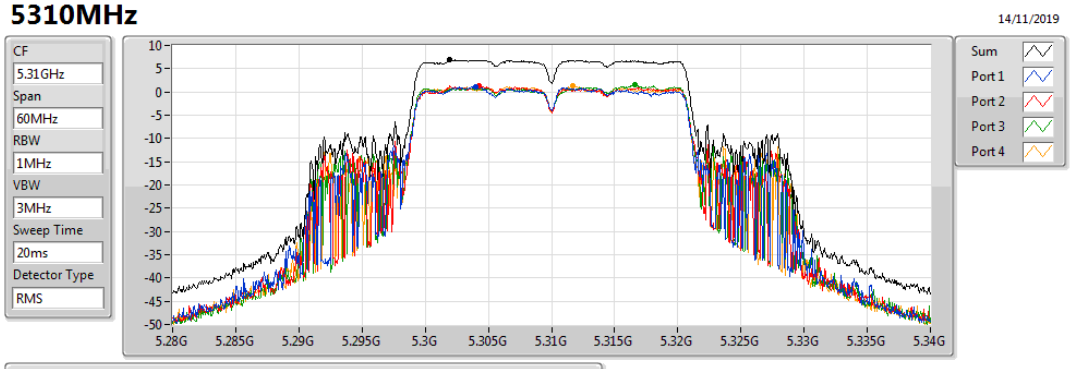
14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	0.99	1.00	1.22	1.31

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

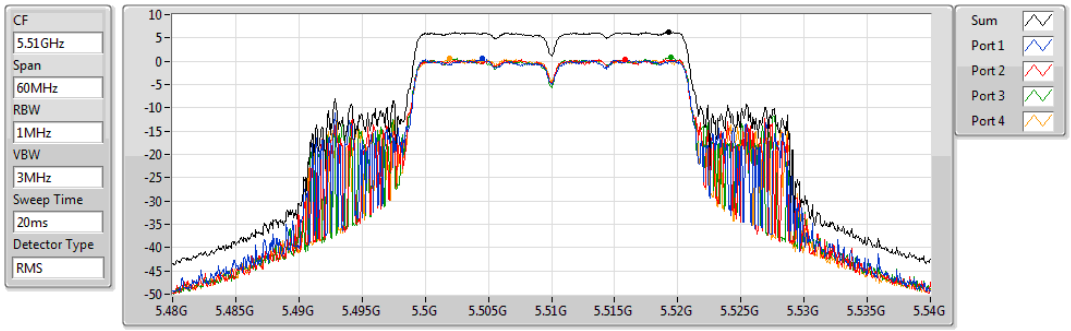
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	1.19	1.28	1.45	1.22

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

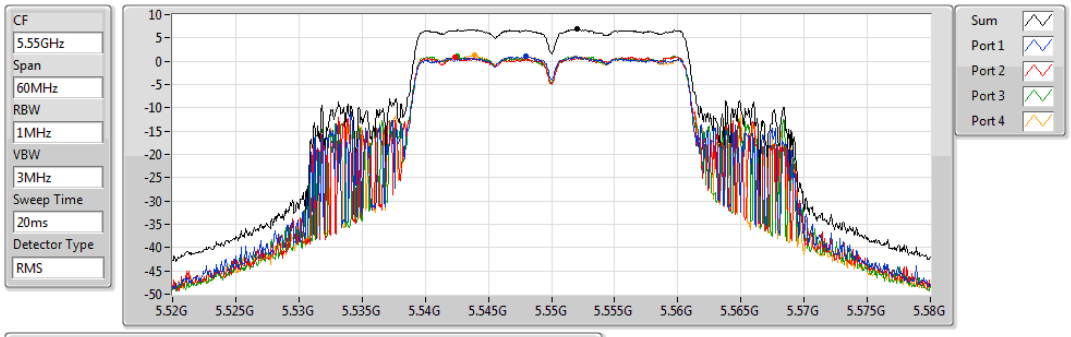
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	0.51	0.39	0.88	0.68

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

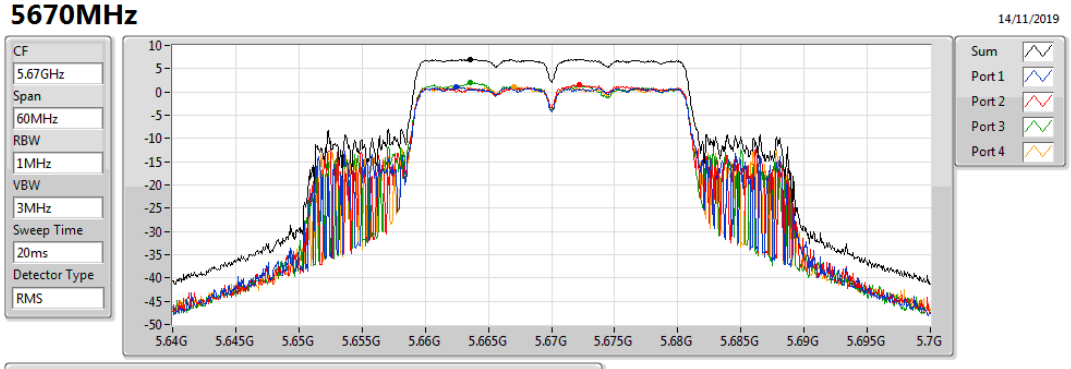
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.09	0.94	1.11	1.29

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

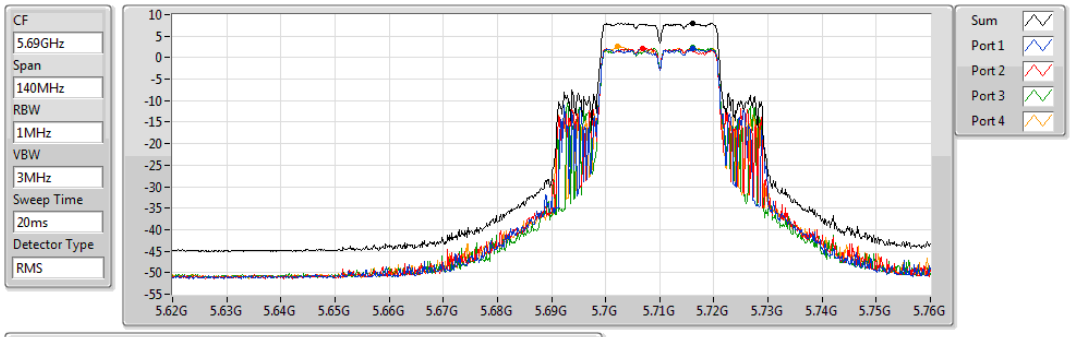
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	1.09	1.55	1.95	1.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

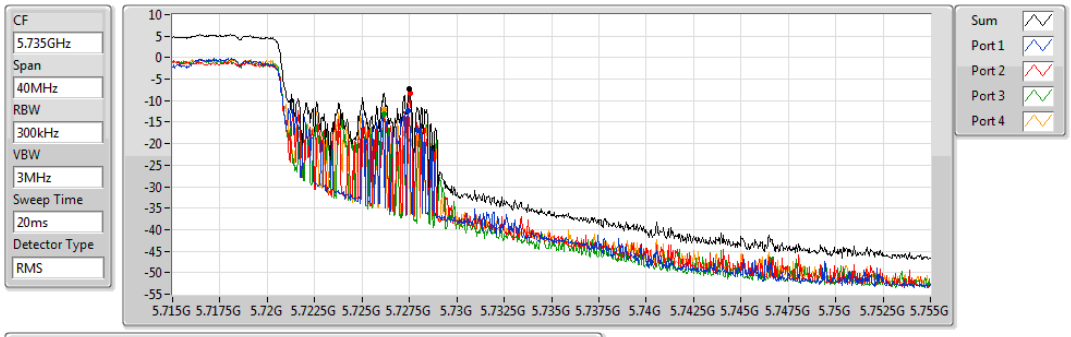
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.07	8.07	2.09	2.19	2.35	2.66

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

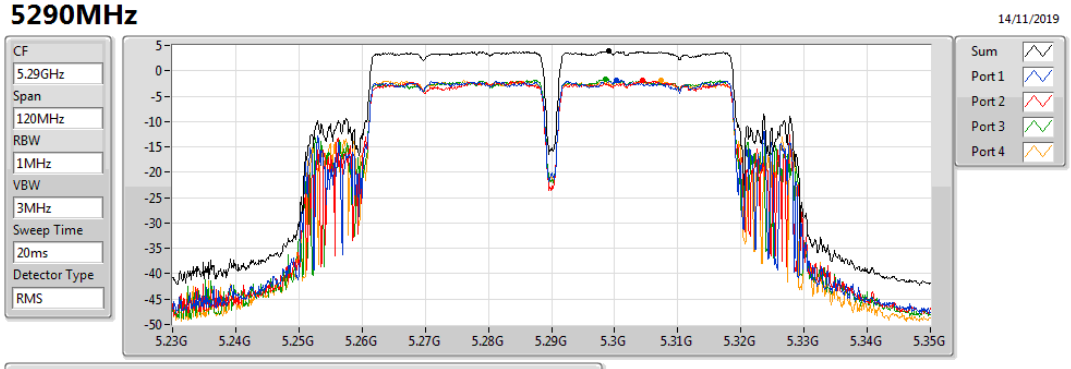
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.28	-7.28	-12.39	-8.36	-13.11	-11.98

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

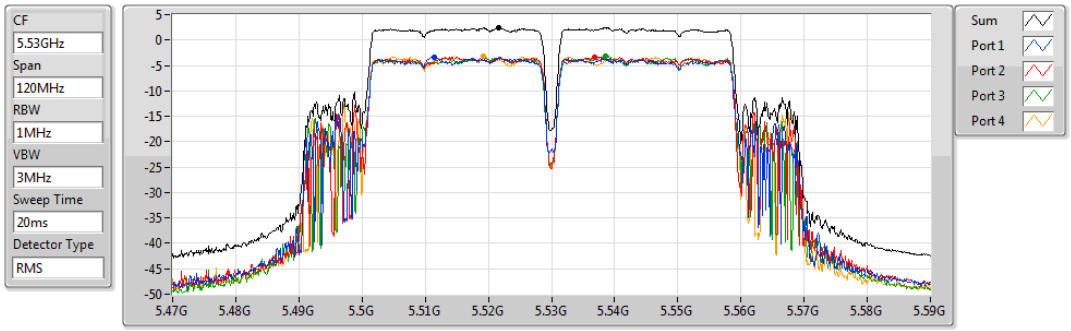
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	-1.82	-1.98	-1.69	-1.93

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

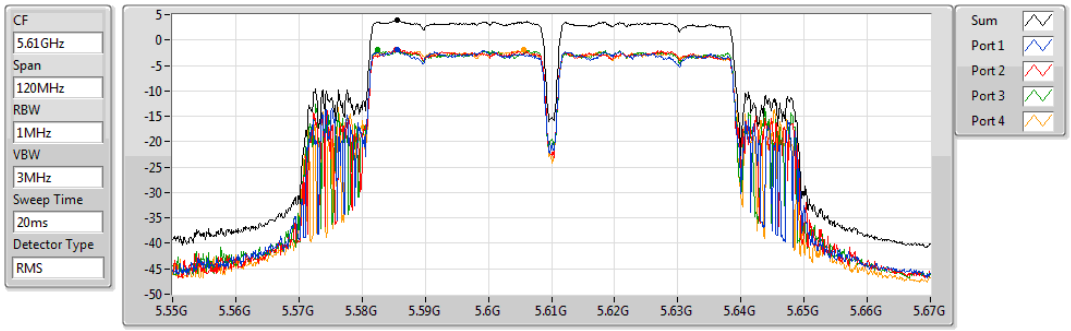
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-3.45	-3.29	-3.07	-3.19

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

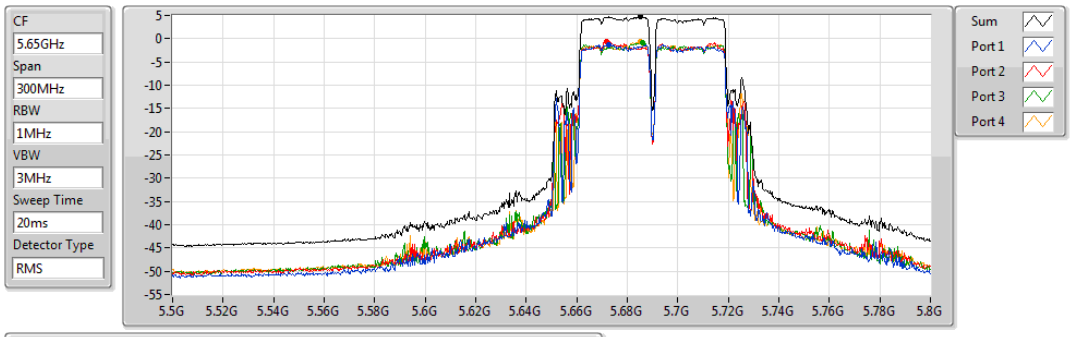


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.99	3.99	-1.96	-1.95	-1.98	-1.88

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

14/11/2019

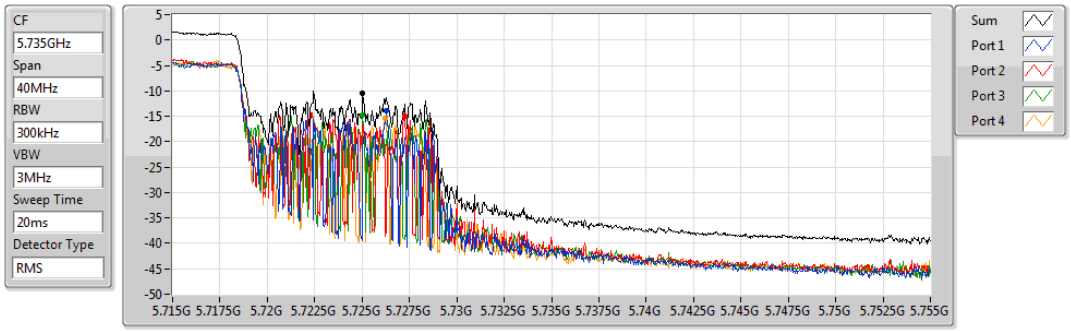


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	-1.23	-0.57	-0.79	-0.71

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.57	-10.57	-13.86	-15.05	-14.73	-15.31

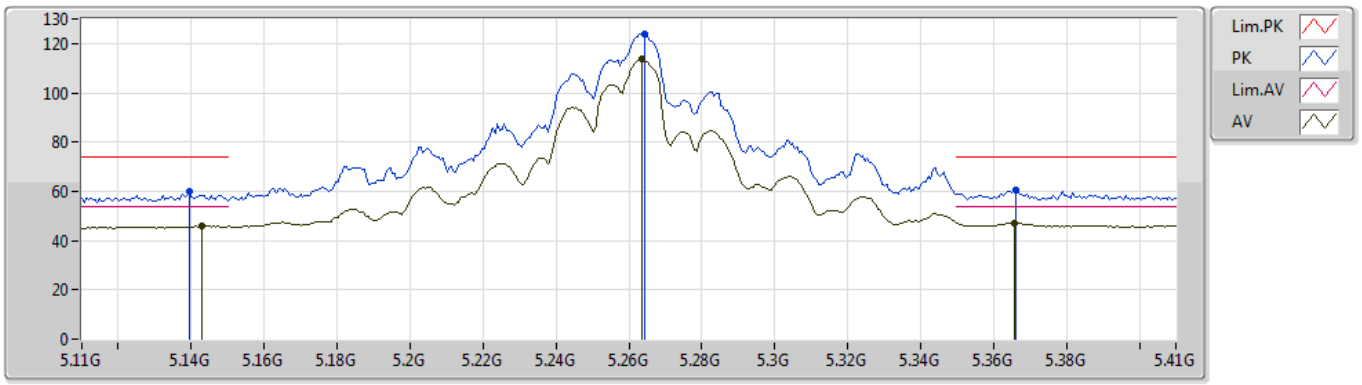
Summary

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	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.4688G	68.19	68.20	-0.01	5.26	3	Horizontal	58	2.43	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

14/09/2019



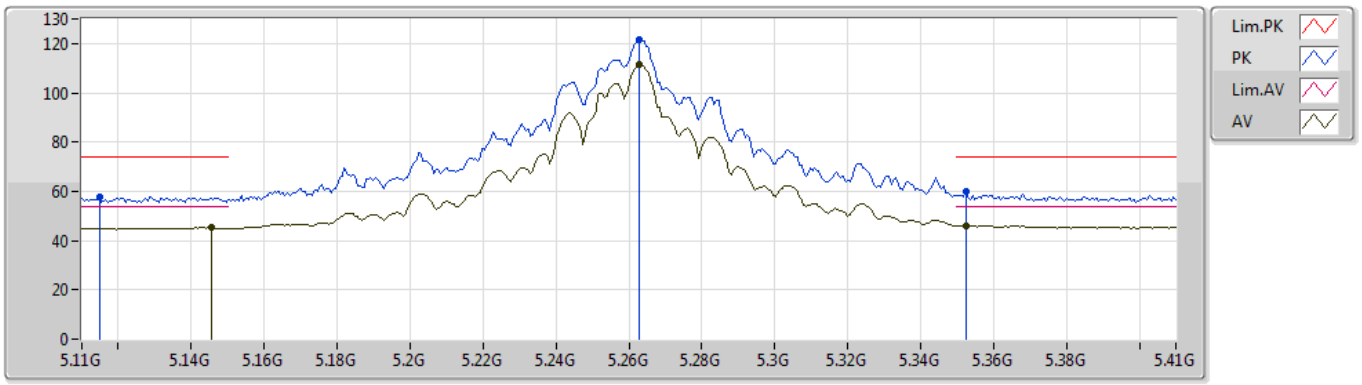
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1394G	60.02	74.00	-13.98	4.24	3	Vertical	290	1.40	-	55.78
AV	5.143G	46.13	54.00	-7.87	4.24	3	Vertical	290	1.40	-	41.89
PK	5.2642G	123.86	Inf	-Inf	4.50	3	Vertical	290	1.40	-	119.36
AV	5.2636G	113.71	Inf	-Inf	4.50	3	Vertical	290	1.40	-	109.21
PK	5.3662G	60.61	74.00	-13.39	4.87	3	Vertical	290	1.40	-	55.74
AV	5.3656G	47.14	54.00	-6.86	4.87	3	Vertical	290	1.40	-	42.27

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

14/09/2019



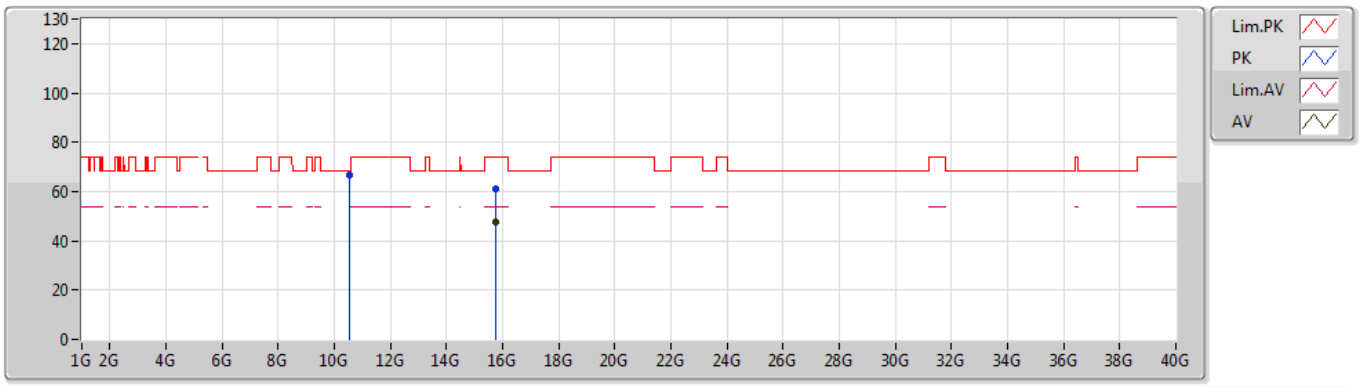
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1148G	57.70	74.00	-16.30	4.22	3	Horizontal	333	1.13	-	53.48
AV	5.1454G	45.42	54.00	-8.58	4.25	3	Horizontal	333	1.13	-	41.17
PK	5.263G	121.47	Inf	-Inf	4.50	3	Horizontal	333	1.13	-	116.97
AV	5.263G	111.30	Inf	-Inf	4.50	3	Horizontal	333	1.13	-	106.80
PK	5.3524G	59.69	74.00	-14.31	4.82	3	Horizontal	333	1.13	-	54.87
AV	5.3524G	46.20	54.00	-7.80	4.82	3	Horizontal	333	1.13	-	41.38

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

14/09/2019



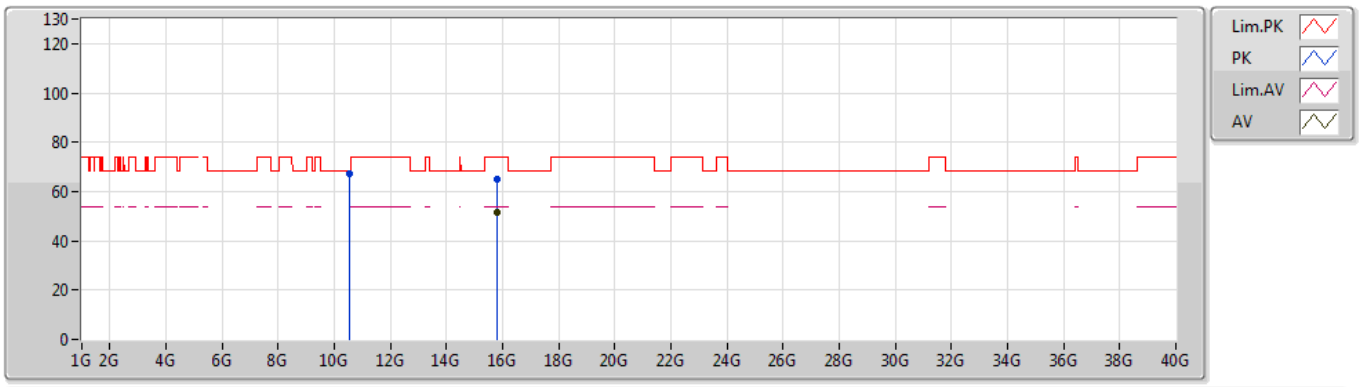
EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5203G	66.57	68.20	-1.63	11.06	3	Vertical	337	1.93	-	55.51
PK	15.77736G	60.87	74.00	-13.13	14.16	3	Vertical	37	1.50	-	46.71
AV	15.7776G	47.66	54.00	-6.34	14.16	3	Vertical	37	1.50	-	33.50

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

14/09/2019



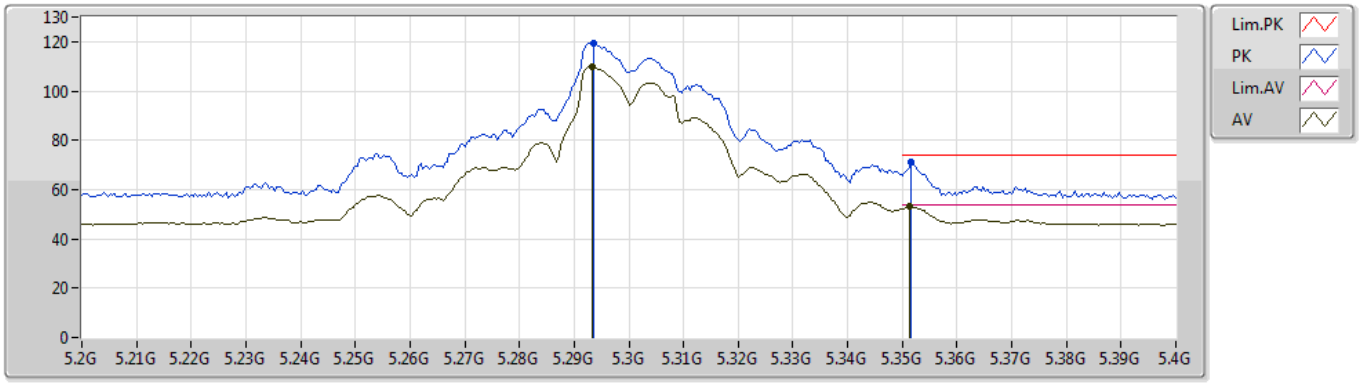
EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.51802G	67.51	68.20	-0.69	11.06	3	Horizontal	355	2.37	-	56.45
PK	15.78402G	64.77	74.00	-9.23	14.17	3	Horizontal	316	2.38	-	50.60
AV	15.78294G	51.33	54.00	-2.67	14.16	3	Horizontal	316	2.38	-	37.17

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

14/09/2019



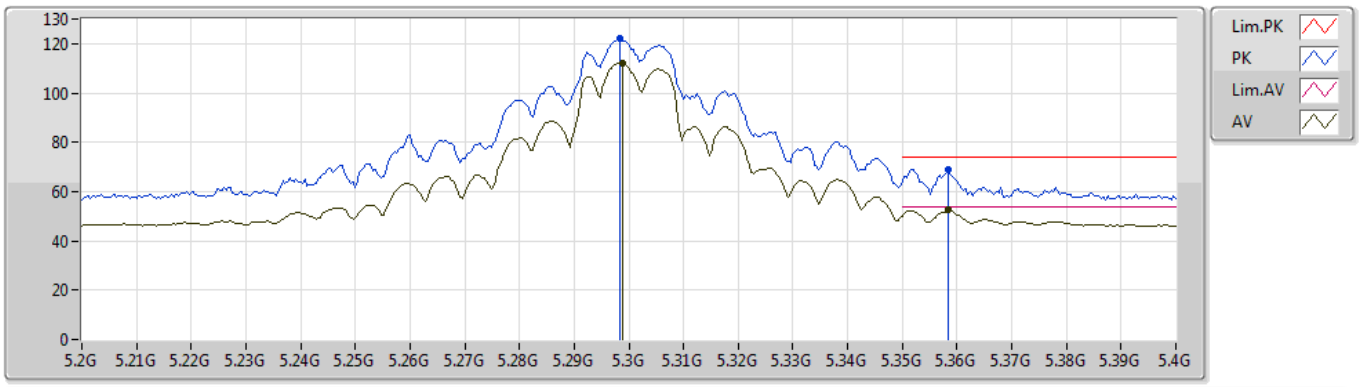
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2936G	119.55	Inf	-Inf	4.62	3	Vertical	314	2.70	-	114.93
AV	5.2932G	109.73	Inf	-Inf	4.62	3	Vertical	314	2.70	-	105.11
PK	5.3516G	71.19	74.00	-2.81	4.81	3	Vertical	314	2.70	-	66.38
AV	5.3512G	53.04	54.00	-0.96	4.81	3	Vertical	314	2.70	-	48.23

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

14/09/2019



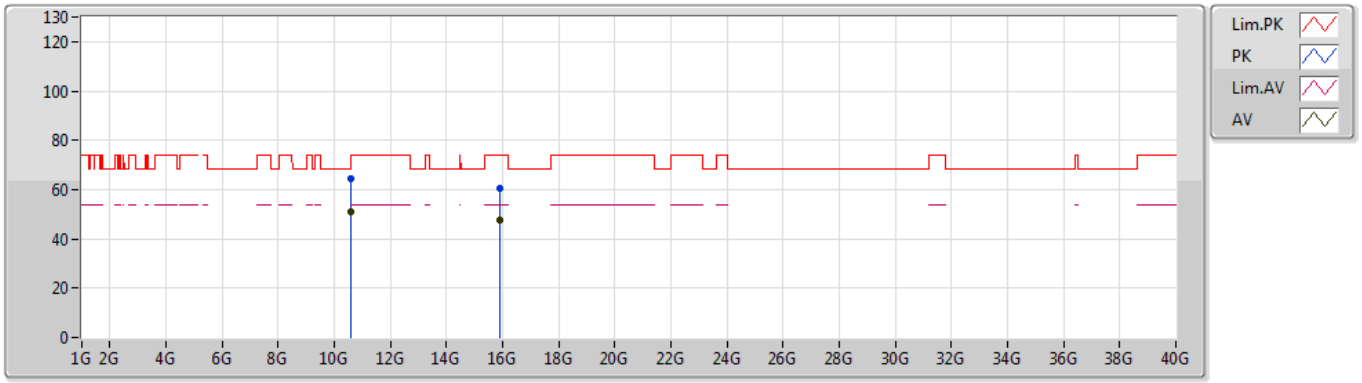
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2984G	121.99	Inf	-Inf	4.64	3	Horizontal	62	2.34	-	117.35
AV	5.2988G	112.12	Inf	-Inf	4.64	3	Horizontal	62	2.34	-	107.48
PK	5.3584G	69.01	74.00	-4.99	4.85	3	Horizontal	62	2.34	-	64.16
AV	5.3584G	52.47	54.00	-1.53	4.85	3	Horizontal	62	2.34	-	47.62

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

14/09/2019



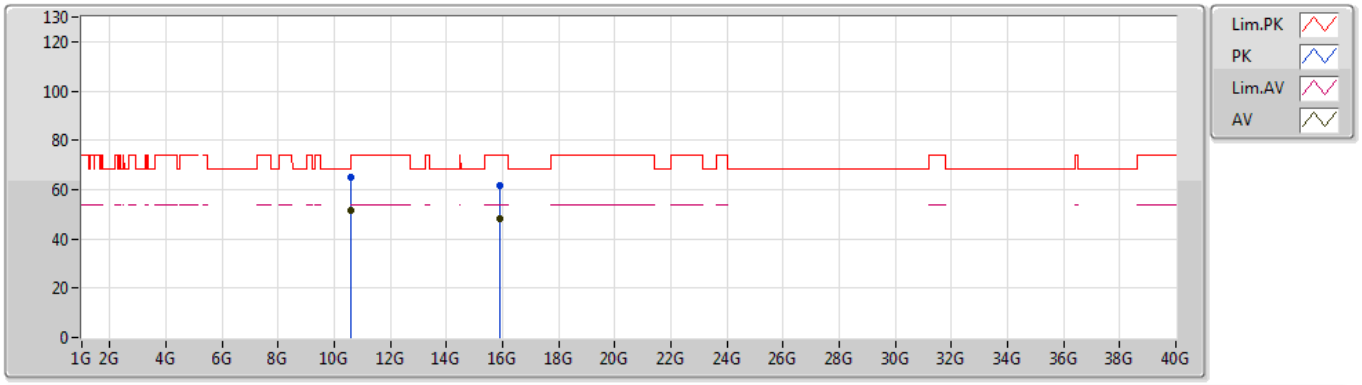
EUT Y_4TX
Setting 24
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6008G	64.66	74.00	-9.34	11.17	3	Vertical	337	1.01	-	53.49
AV	10.6078G	51.13	54.00	-2.87	11.19	3	Vertical	337	1.01	-	39.94
PK	15.89034G	60.63	74.00	-13.37	14.04	3	Vertical	17	1.58	-	46.59
AV	15.90252G	47.52	54.00	-6.48	14.02	3	Vertical	17	1.58	-	33.50

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

14/09/2019



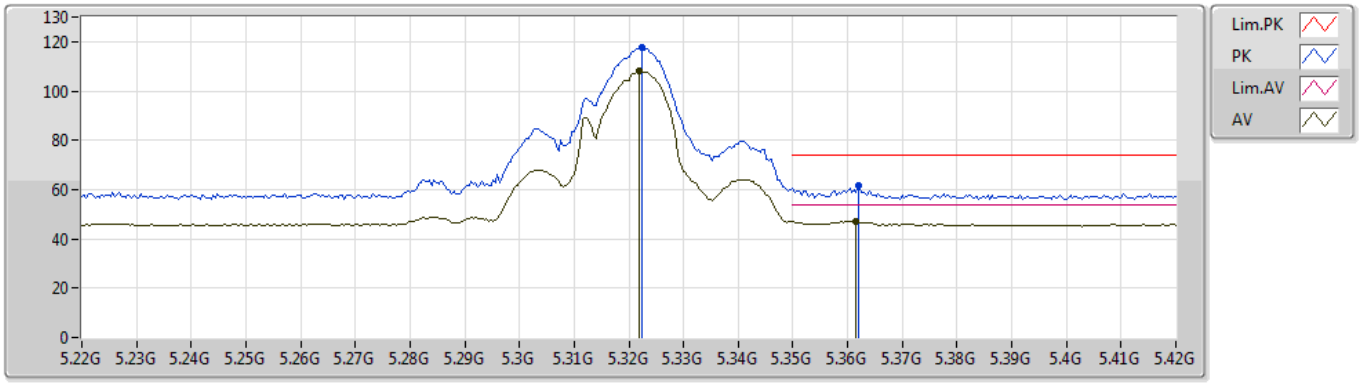
EUT Y_4TX
Setting 24
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6006G	65.17	74.00	-8.83	11.17	3	Horizontal	354	2.30	-	54.00
AV	10.60024G	51.75	54.00	-2.25	11.17	3	Horizontal	354	2.30	-	40.58
PK	15.9033G	61.79	74.00	-12.21	14.02	3	Horizontal	319	2.31	-	47.77
AV	15.90282G	48.05	54.00	-5.95	14.02	3	Horizontal	319	2.31	-	34.03

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

14/09/2019



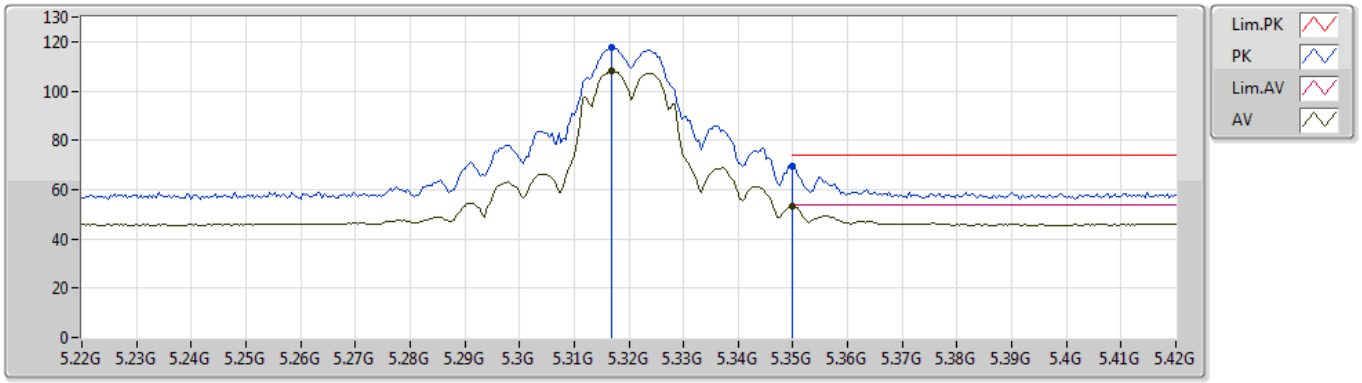
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3224G	117.74	Inf	-Inf	4.72	3	Vertical	296	2.38	-	113.02
AV	5.322G	107.90	Inf	-Inf	4.72	3	Vertical	296	2.38	-	103.18
PK	5.362G	61.36	74.00	-12.64	4.86	3	Vertical	296	2.38	-	56.50
AV	5.3616G	47.13	54.00	-6.87	4.85	3	Vertical	296	2.38	-	42.28

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

14/09/2019



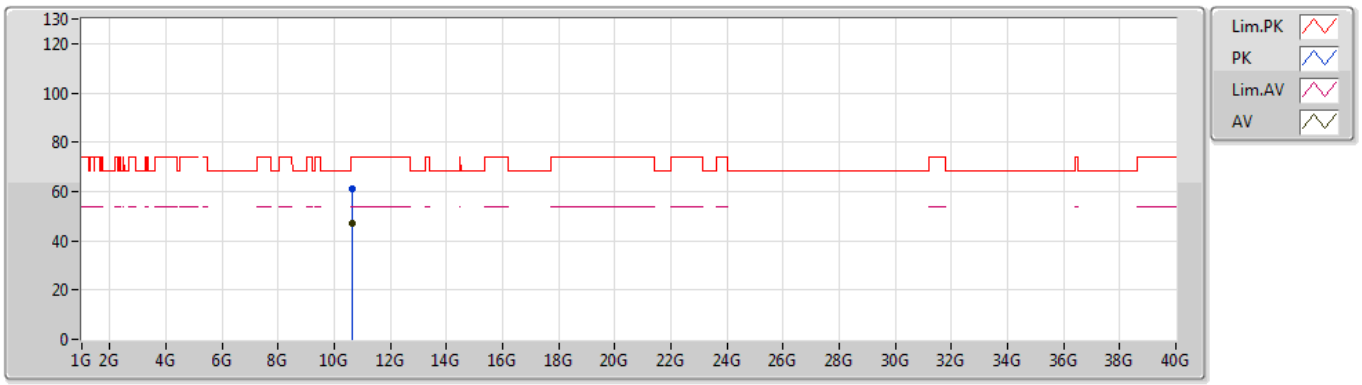
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3168G	117.50	Inf	-Inf	4.70	3	Horizontal	65	2.81	-	112.80
AV	5.3168G	108.10	Inf	-Inf	4.70	3	Horizontal	65	2.81	-	103.40
PK	5.35G	69.22	74.00	-4.78	4.81	3	Horizontal	65	2.81	-	64.41
AV	5.35G	53.07	54.00	-0.93	4.81	3	Horizontal	65	2.81	-	48.26

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

14/09/2019



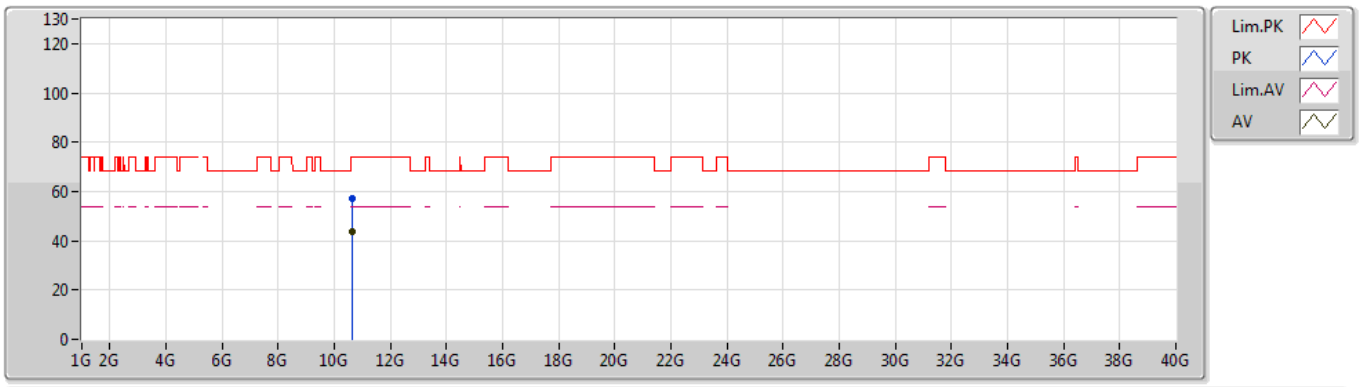
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.63622G	60.84	74.00	-13.16	11.23	3	Vertical	339	1.03	-	49.61
AV	10.63802G	46.90	54.00	-7.10	11.23	3	Vertical	339	1.03	-	35.67

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

14/09/2019



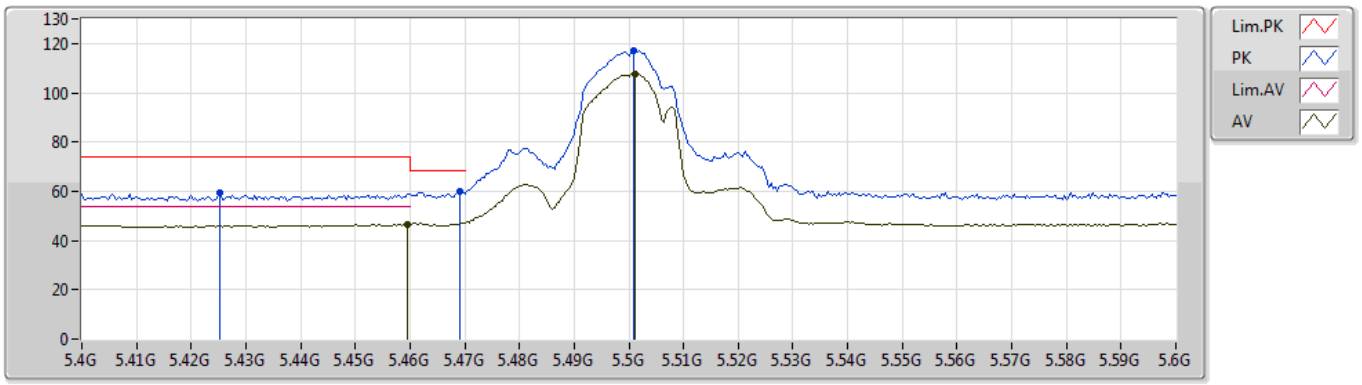
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6412G	57.33	74.00	-16.67	11.23	3	Horizontal	55	2.51	-	46.10
AV	10.64186G	43.61	54.00	-10.39	11.23	3	Horizontal	55	2.51	-	32.38

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

14/09/2019



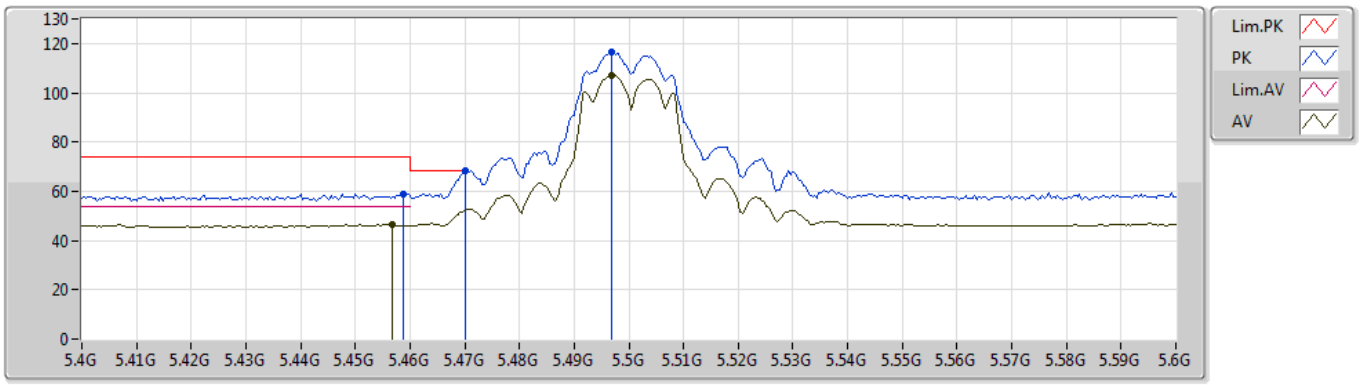
EUT Y_4TX
Setting 18.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4252G	59.52	74.00	-14.48	5.10	3	Vertical	298	1.49	-	54.42
PK	5.4692G	60.22	68.20	-7.98	5.26	3	Vertical	298	1.49	-	54.96
AV	5.4596G	46.63	54.00	-7.37	5.22	3	Vertical	298	1.49	-	41.41
PK	5.5008G	116.97	Inf	-Inf	5.38	3	Vertical	298	1.49	-	111.59
AV	5.5012G	107.82	Inf	-Inf	5.38	3	Vertical	298	1.49	-	102.44

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

14/09/2019



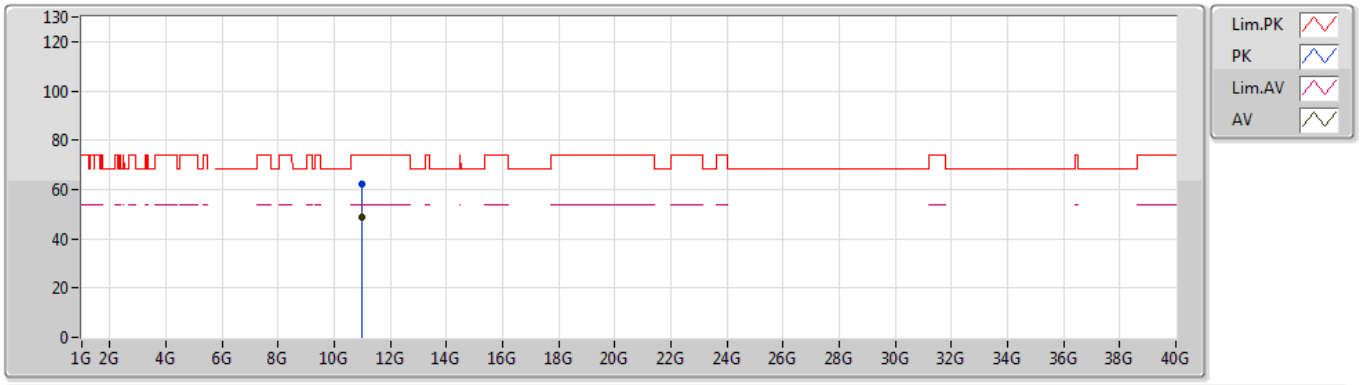
EUT Y_4TX
Setting 18.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4588G	58.97	74.00	-15.03	5.22	3	Horizontal	62	2.80	-	53.75
AV	5.4568G	46.44	54.00	-7.56	5.21	3	Horizontal	62	2.80	-	41.23
PK	5.47G	68.09	68.20	-0.11	5.26	3	Horizontal	62	2.80	-	62.83
PK	5.4968G	116.38	Inf	-Inf	5.37	3	Horizontal	62	2.80	-	111.01
AV	5.4968G	106.90	Inf	-Inf	5.37	3	Horizontal	62	2.80	-	101.53

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

14/09/2019



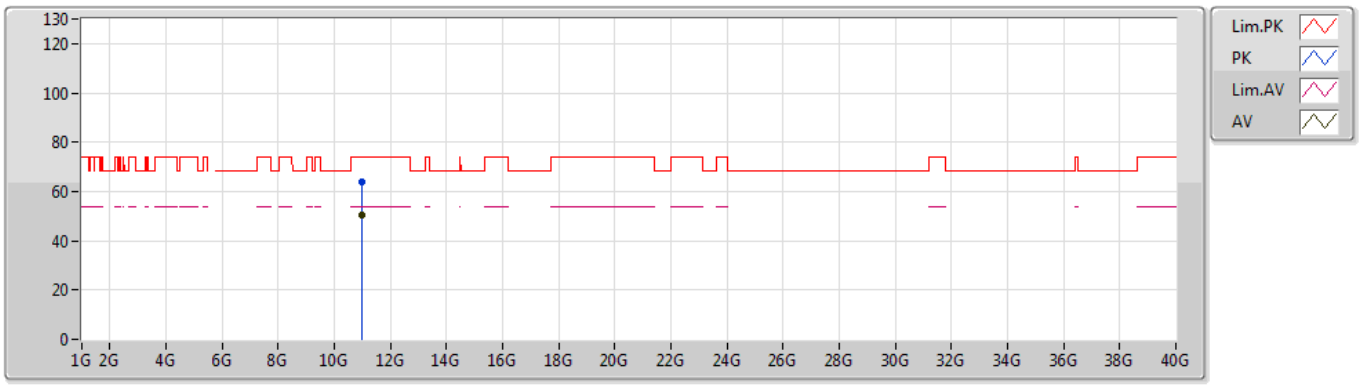
EUT Y_4TX
Setting 18.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00288G	62.24	74.00	-11.76	11.71	3	Vertical	334	1.84	-	50.53
AV	11.00006G	48.58	54.00	-5.42	11.71	3	Vertical	334	1.84	-	36.87

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

14/09/2019



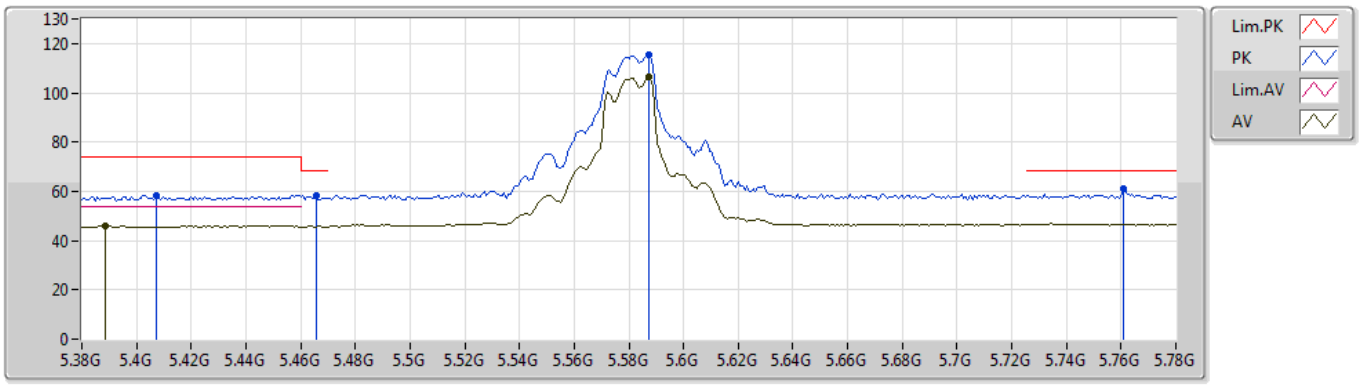
EUT Y_4TX
Setting 18.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.99922G	63.79	74.00	-10.21	11.71	3	Horizontal	6	2.25	-	52.08
AV	11.00012G	50.68	54.00	-3.32	11.71	3	Horizontal	6	2.25	-	38.97

802.11a_Nss1,(6Mbps)_4TX

14/09/2019

5580MHz_TX



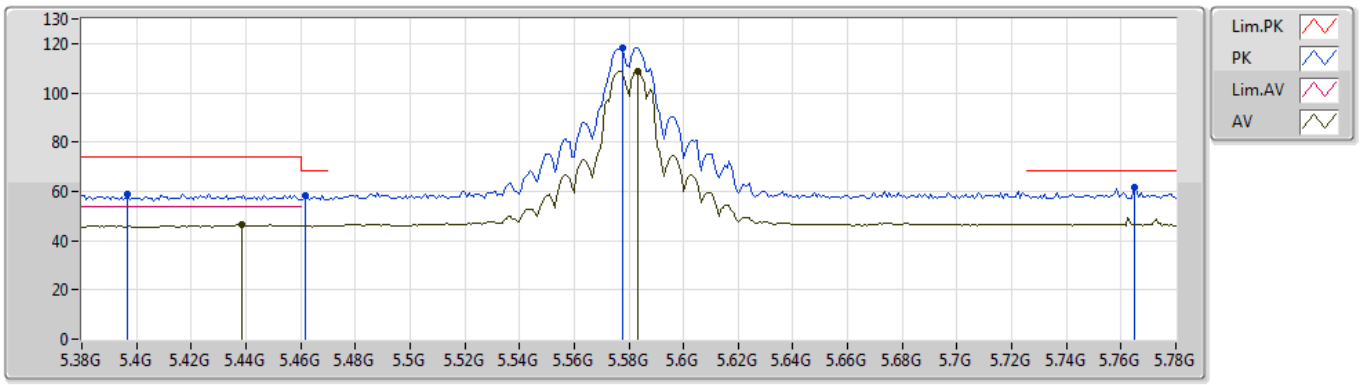
EUT Y_4TX
Setting 21
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4072G	58.41	74.00	-15.59	5.02	3	Vertical	307	1.71	-	53.39
AV	5.3888G	46.05	54.00	-7.95	4.95	3	Vertical	307	1.71	-	41.10
PK	5.4656G	58.36	68.20	-9.84	5.25	3	Vertical	307	1.71	-	53.11
PK	5.5872G	115.43	Inf	-Inf	5.60	3	Vertical	307	1.71	-	109.83
AV	5.5872G	106.32	Inf	-Inf	5.60	3	Vertical	307	1.71	-	100.72
PK	5.7608G	60.94	68.20	-7.26	5.87	3	Vertical	307	1.71	-	55.07

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

14/09/2019



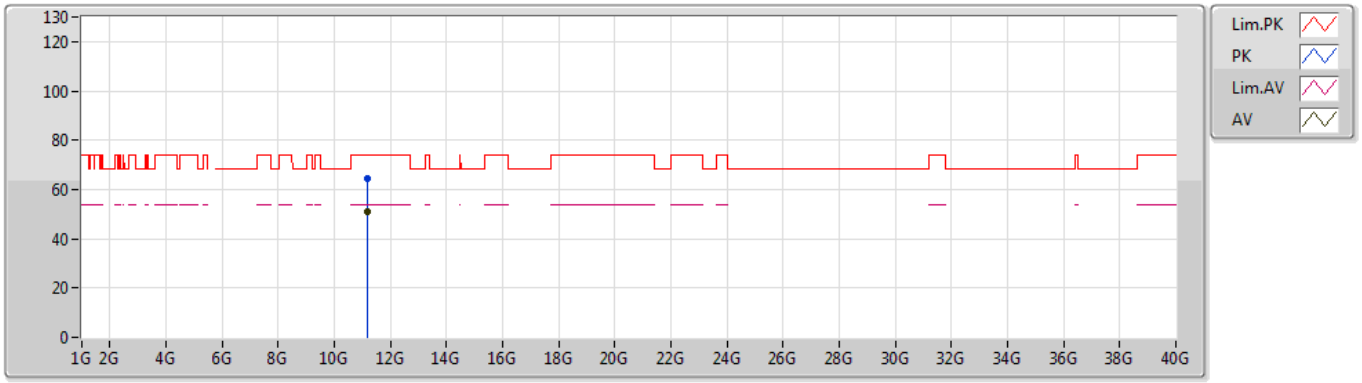
EUT Y_4TX
Setting 21
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3968G	58.65	74.00	-15.35	4.98	3	Horizontal	66	2.75	-	53.67
PK	5.4616G	58.18	68.20	-10.02	5.22	3	Horizontal	66	2.75	-	52.96
AV	5.4384G	46.36	54.00	-7.64	5.15	3	Horizontal	66	2.75	-	41.21
PK	5.5776G	118.45	Inf	-Inf	5.58	3	Horizontal	66	2.75	-	112.87
AV	5.5832G	108.82	Inf	-Inf	5.60	3	Horizontal	66	2.75	-	103.22
PK	5.7648G	61.42	68.20	-6.78	5.89	3	Horizontal	66	2.75	-	55.53

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

14/09/2019



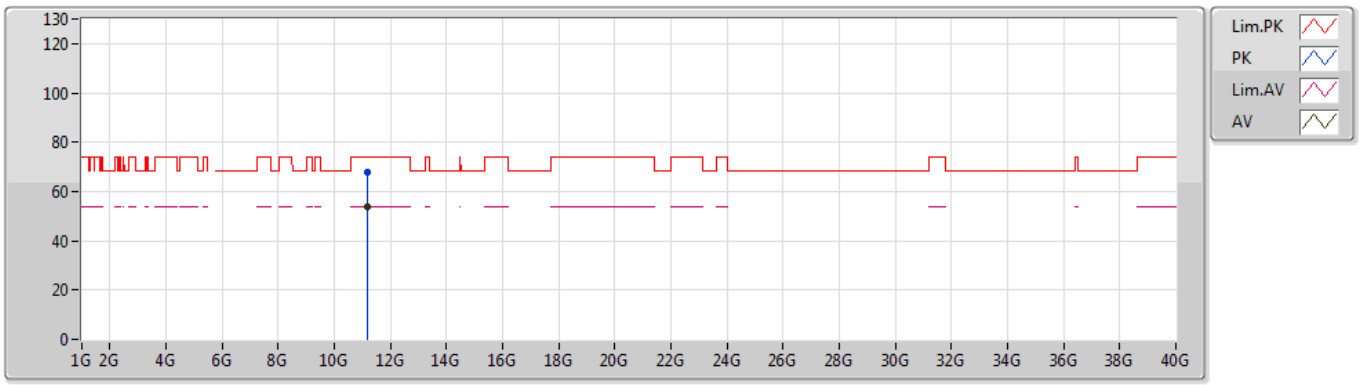
EUT Y_4TX
Setting 21
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.1609G	64.41	74.00	-9.59	11.78	3	Vertical	11	1.01	-	52.63
AV	11.16018G	51.03	54.00	-2.97	11.78	3	Vertical	11	1.01	-	39.25

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

14/09/2019



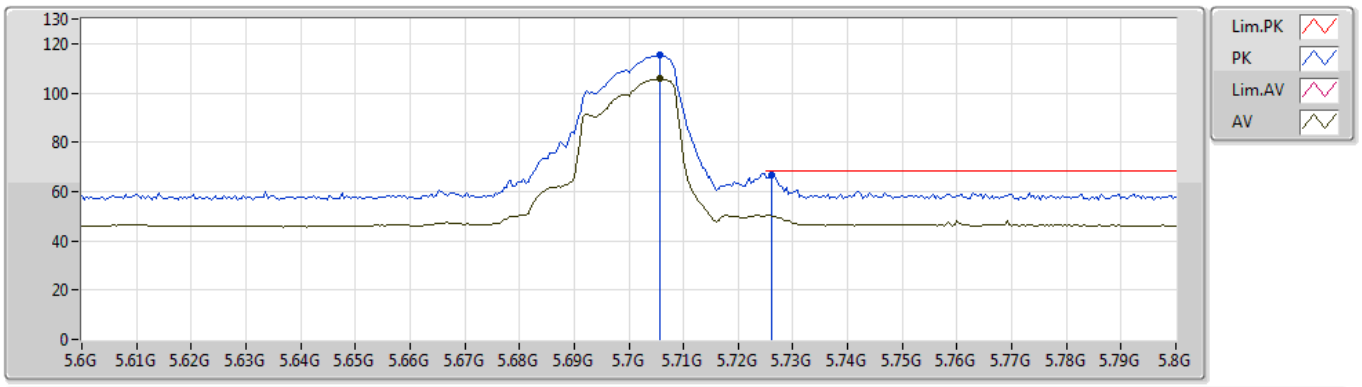
EUT Y_4TX
Setting 21
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.16096G	67.94	74.00	-6.06	11.78	3	Horizontal	7	2.31	-	56.16
AV	11.16018G	53.73	54.00	-0.27	11.78	3	Horizontal	7	2.31	-	41.95

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

14/09/2019



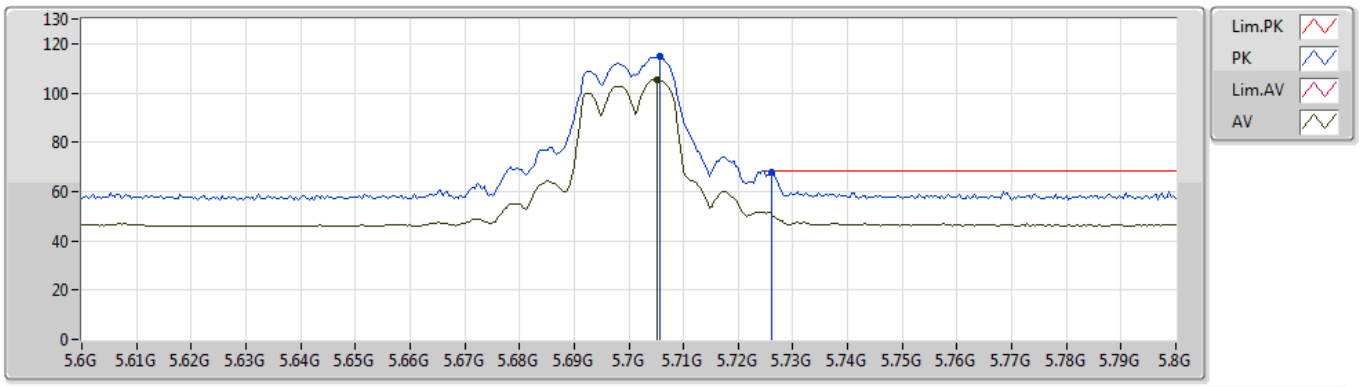
EUT Y_4TX
Setting 17.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7056G	115.35	Inf	-Inf	5.75	3	Vertical	294	1.49	-	109.60
AV	5.7056G	105.74	Inf	-Inf	5.75	3	Vertical	294	1.49	-	99.99
PK	5.726G	66.71	68.20	-1.49	5.79	3	Vertical	294	1.49	-	60.92

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

14/09/2019



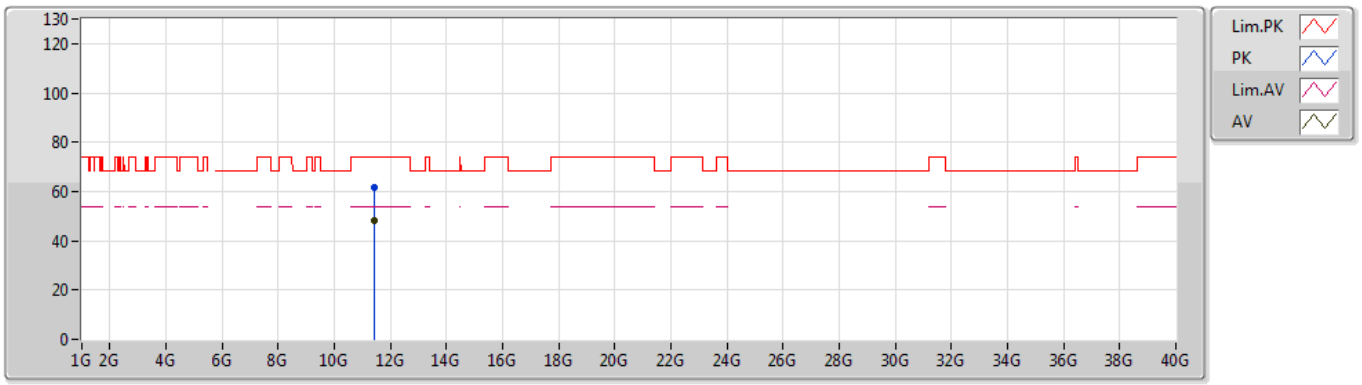
EUT Y_4TX
Setting 17.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7056G	114.78	Inf	-Inf	5.75	3	Horizontal	59	2.26	-	109.03
AV	5.7052G	105.39	Inf	-Inf	5.75	3	Horizontal	59	2.26	-	99.64
PK	5.726G	67.94	68.20	-0.26	5.79	3	Horizontal	59	2.26	-	62.15

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

14/09/2019



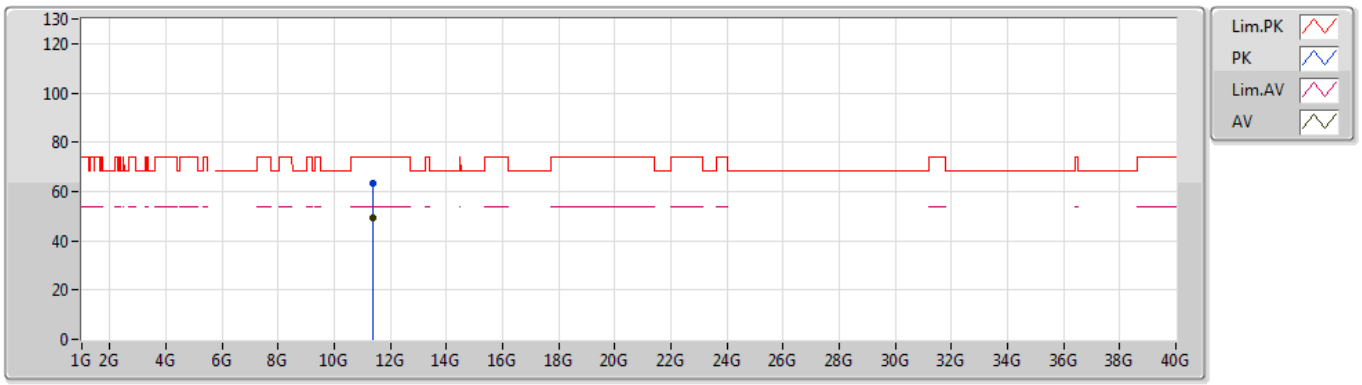
EUT Y_4TX
Setting 17.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.4024G	61.85	74.00	-12.15	11.89	3	Vertical	334	1.98	-	49.96
AV	11.4028G	48.06	54.00	-5.94	11.89	3	Vertical	334	1.98	-	36.17

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

14/09/2019



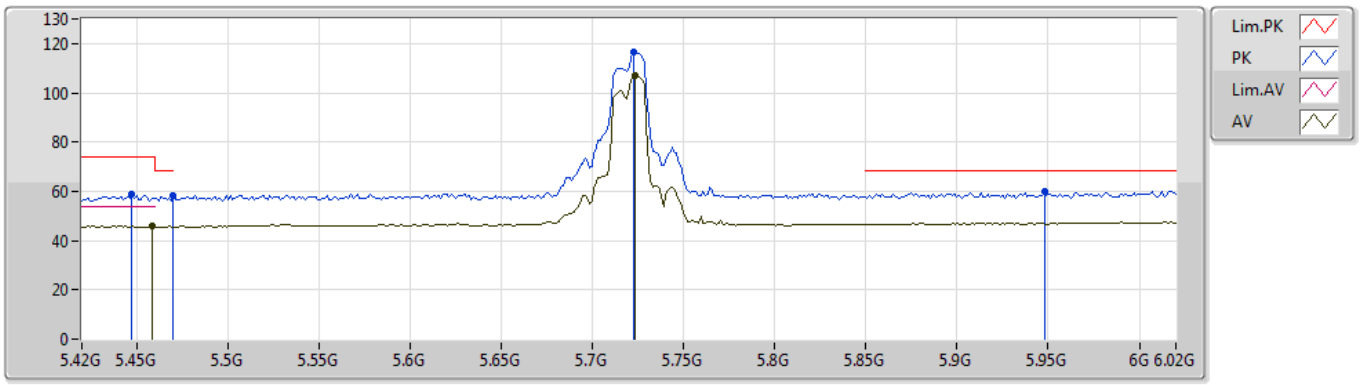
EUT Y_4TX
Setting 17.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.40102G	63.50	74.00	-10.50	11.89	3	Horizontal	11	2.22	-	51.61
AV	11.4003G	49.23	54.00	-4.77	11.89	3	Horizontal	11	2.22	-	37.34

802.11a_Nss1,(6Mbps)_4TX

14/09/2019

5720MHz Straddle 5.47-5.725GHz_TX



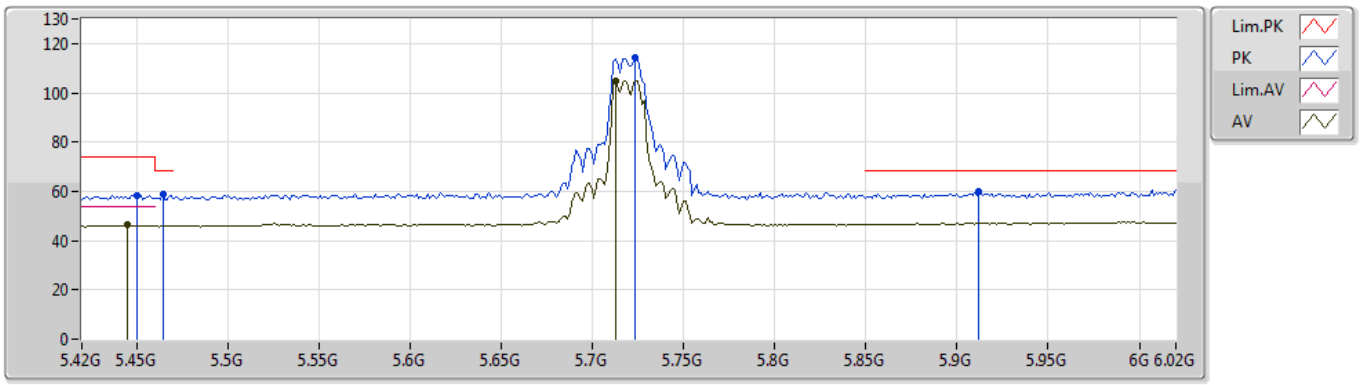
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4476G	58.80	74.00	-15.20	5.18	3	Vertical	293	1.58	-	53.62
AV	5.4584G	45.99	54.00	-8.01	5.22	3	Vertical	293	1.58	-	40.77
PK	5.47G	58.23	68.20	-9.97	5.26	3	Vertical	293	1.58	-	52.97
PK	5.7224G	116.43	Inf	-Inf	5.79	3	Vertical	293	1.58	-	110.64
AV	5.7236G	107.16	Inf	-Inf	5.80	3	Vertical	293	1.58	-	101.36
PK	5.948G	60.14	68.20	-8.06	6.91	3	Vertical	293	1.58	-	53.23

802.11a_Nss1,(6Mbps)_4TX

14/09/2019

5720MHz Straddle 5.47-5.725GHz_TX



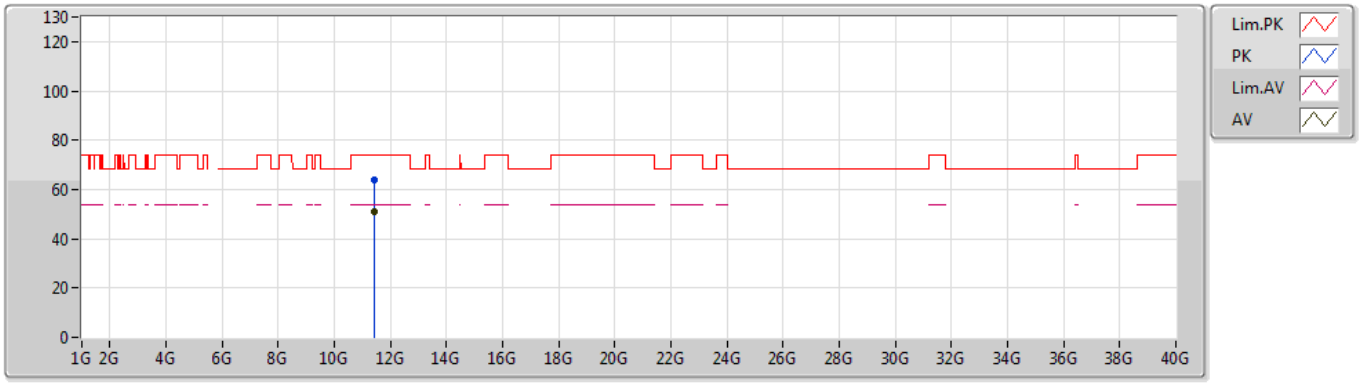
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.45G	58.46	74.00	-15.54	5.19	3	Horizontal	56	2.75	-	53.27
AV	5.4452G	46.48	54.00	-7.52	5.18	3	Horizontal	56	2.75	-	41.30
PK	5.4644G	58.60	68.20	-9.60	5.23	3	Horizontal	56	2.75	-	53.37
PK	5.7236G	114.40	Inf	-Inf	5.80	3	Horizontal	56	2.75	-	108.60
AV	5.7128G	104.89	Inf	-Inf	5.78	3	Horizontal	56	2.75	-	99.11
PK	5.912G	60.22	68.20	-7.98	6.76	3	Horizontal	56	2.75	-	53.46

802.11a_Nss1,(6Mbps)_4TX

14/09/2019

5720MHz Straddle 5.47-5.725GHz_TX



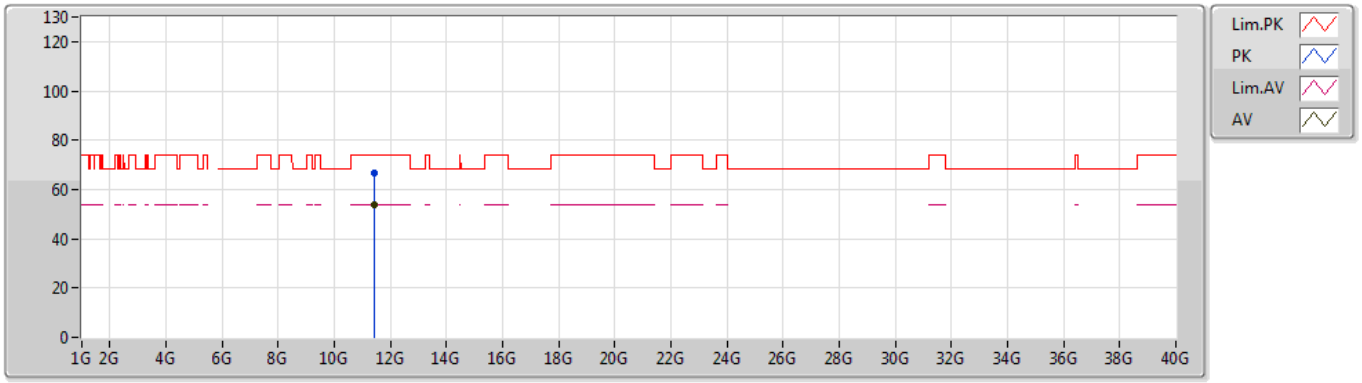
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.44252G	64.10	74.00	-9.90	11.90	3	Vertical	335	2.08	-	52.20
AV	11.44018G	51.01	54.00	-2.99	11.90	3	Vertical	335	2.08	-	39.11

802.11a_Nss1,(6Mbps)_4TX

14/09/2019

5720MHz Straddle 5.47-5.725GHz_TX



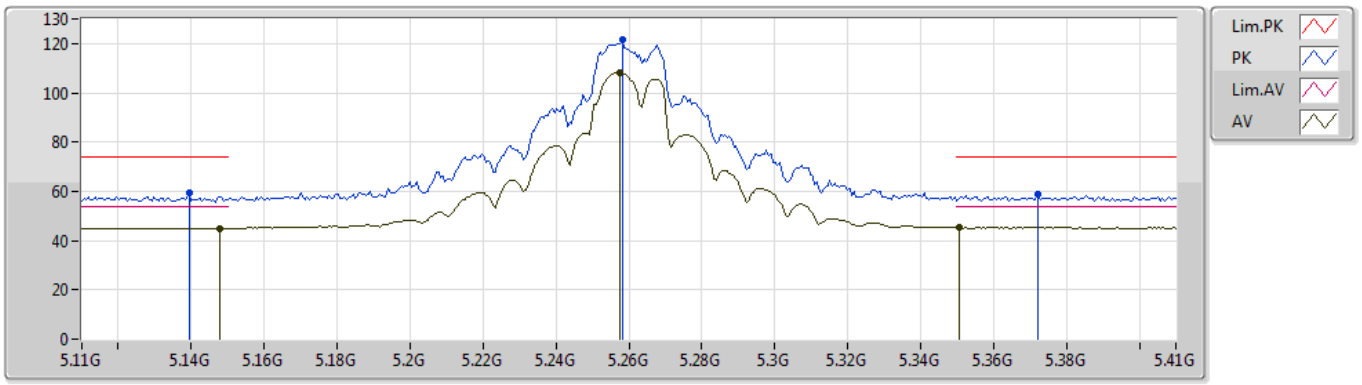
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.44036G	66.95	74.00	-7.05	11.90	3	Horizontal	14	2.28	-	55.05
AV	11.44006G	53.67	54.00	-0.33	11.90	3	Horizontal	14	2.28	-	41.77

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

16/09/2019



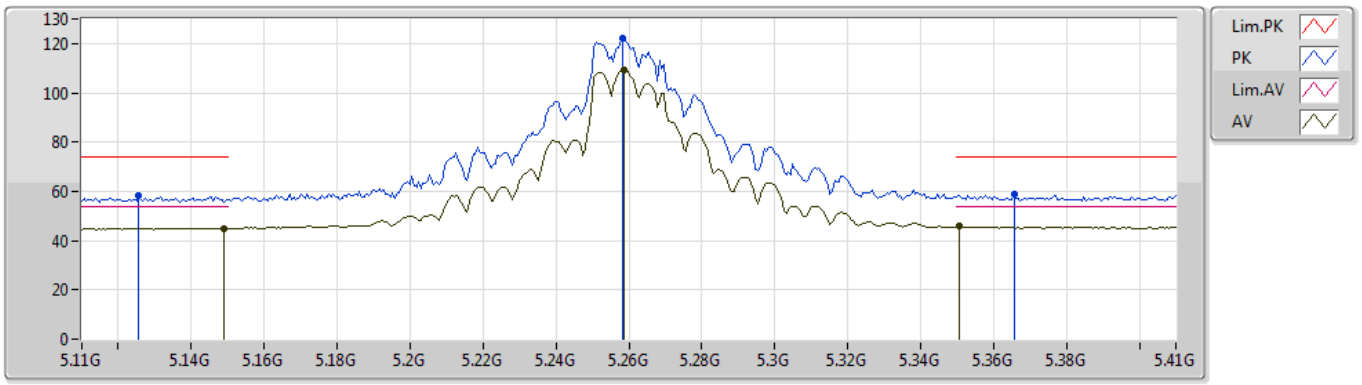
EUT Y_4TX
Setting 24
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1394G	59.53	74.00	-14.47	4.24	3	Vertical	321	1.82	-	55.29
AV	5.1478G	45.08	54.00	-8.92	4.25	3	Vertical	321	1.82	-	40.83
PK	5.2582G	121.53	Inf	-Inf	4.48	3	Vertical	321	1.82	-	117.05
AV	5.2576G	108.07	Inf	-Inf	4.48	3	Vertical	321	1.82	-	103.59
PK	5.3722G	58.59	74.00	-15.41	4.89	3	Vertical	321	1.82	-	53.70
AV	5.3506G	45.37	54.00	-8.63	4.81	3	Vertical	321	1.82	-	40.56

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

16/09/2019



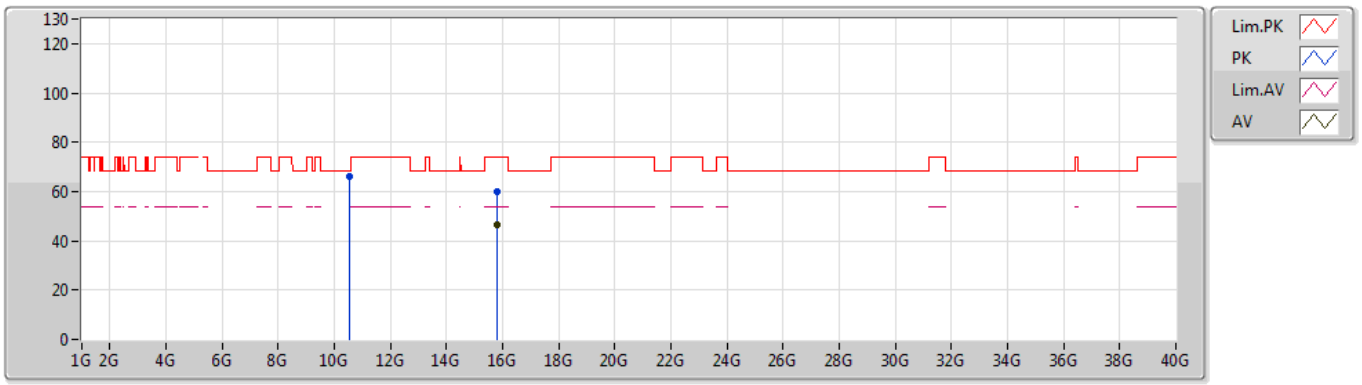
EUT Y_4TX
Setting 24
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1256G	58.11	74.00	-15.89	4.24	3	Horizontal	62	2.24	-	53.87
AV	5.149G	44.89	54.00	-9.11	4.25	3	Horizontal	62	2.24	-	40.64
PK	5.2582G	122.01	Inf	-Inf	4.48	3	Horizontal	62	2.24	-	117.53
AV	5.2588G	109.42	Inf	-Inf	4.49	3	Horizontal	62	2.24	-	104.93
PK	5.3656G	59.04	74.00	-14.96	4.87	3	Horizontal	62	2.24	-	54.17
AV	5.3506G	45.76	54.00	-8.24	4.81	3	Horizontal	62	2.24	-	40.95

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

16/09/2019



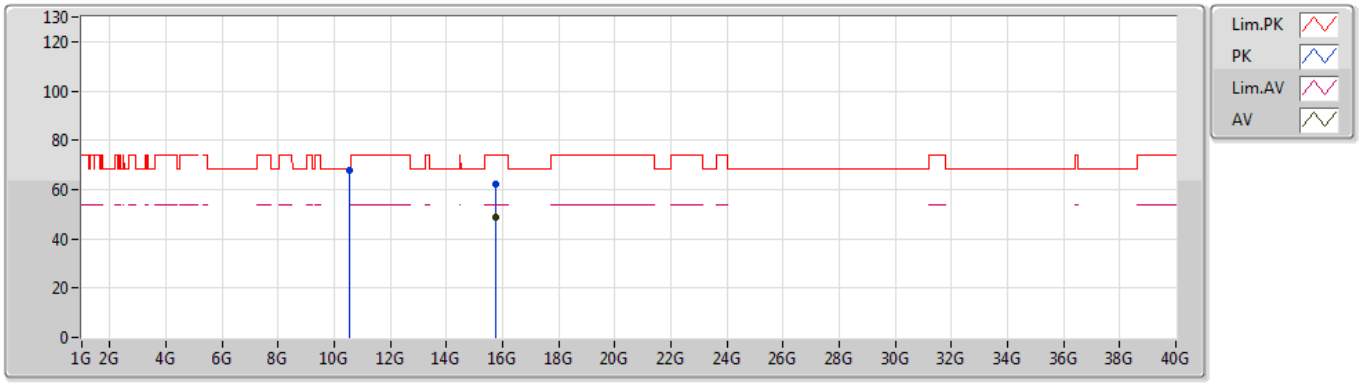
EUT Y_4TX
Setting 24
01-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.52056G	65.98	68.20	-2.22	11.06	3	Vertical	335	2.06	-	54.92
PK	15.78292G	59.98	74.00	-14.02	14.16	3	Vertical	324	1.64	-	45.82
AV	15.78364G	46.74	54.00	-7.26	14.17	3	Vertical	324	1.64	-	32.57

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

16/09/2019



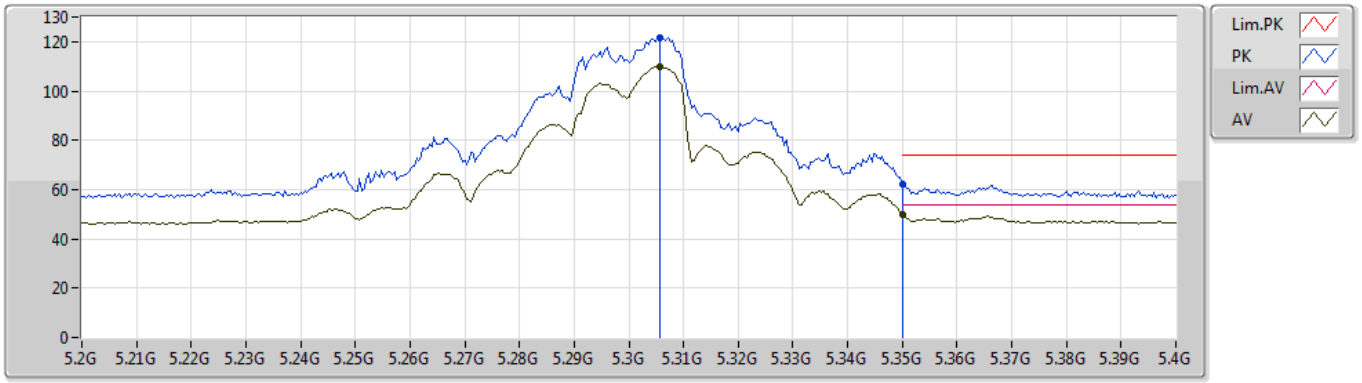
EUT Y_4TX
Setting 24
01-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5218G	67.97	68.20	-0.23	11.07	3	Horizontal	13	2.44	-	56.90
PK	15.77612G	62.23	74.00	-11.77	14.17	3	Horizontal	314	2.35	-	48.06
AV	15.77624G	48.93	54.00	-5.07	14.17	3	Horizontal	314	2.35	-	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

16/09/2019



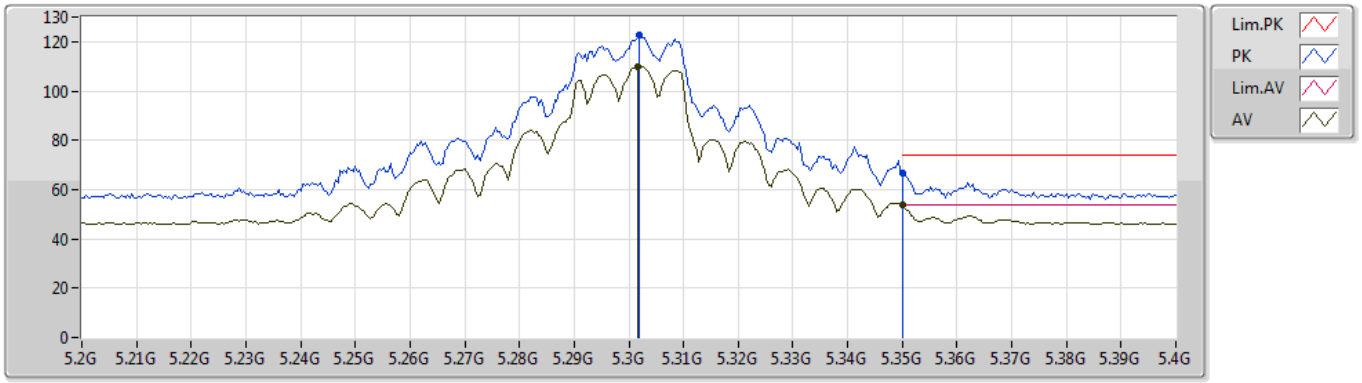
EUT Y_4TX
Setting 23
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3056G	121.85	Inf	-Inf	4.66	3	Vertical	296	1.33	-	117.19
AV	5.3056G	109.83	Inf	-Inf	4.66	3	Vertical	296	1.33	-	105.17
PK	5.35G	62.39	74.00	-11.61	4.81	3	Vertical	296	1.33	-	57.58
AV	5.35G	49.86	54.00	-4.14	4.81	3	Vertical	296	1.33	-	45.05

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

16/09/2019



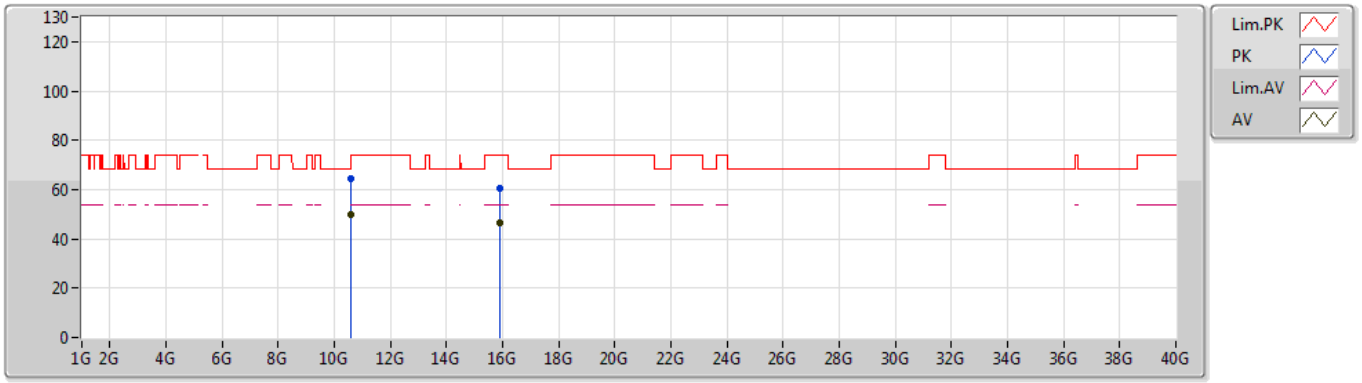
EUT Y_4TX
Setting 23
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.302G	122.70	Inf	-Inf	4.65	3	Horizontal	60	2.22	-	118.05
AV	5.3016G	109.86	Inf	-Inf	4.64	3	Horizontal	60	2.22	-	105.22
PK	5.3501G	66.82	74.00	-7.18	4.81	3	Horizontal	60	2.22	-	62.01
AV	5.3501G	53.55	54.00	-0.45	4.81	3	Horizontal	60	2.22	-	48.74

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

16/09/2019



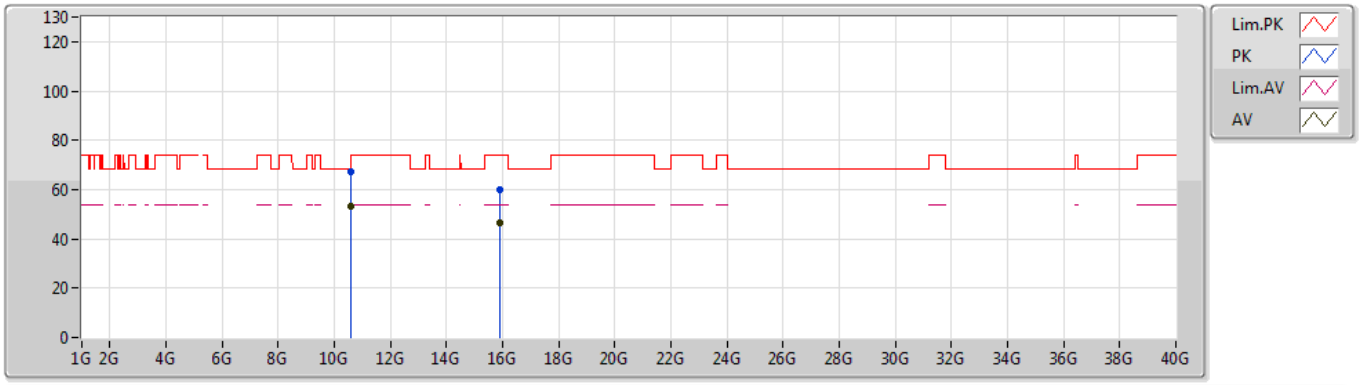
EUT Y_4TX
Setting 23
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.60126G	64.23	74.00	-9.77	11.17	3	Vertical	335	1.97	-	53.06
AV	10.6006G	49.93	54.00	-4.07	11.17	3	Vertical	335	1.97	-	38.76
PK	15.8985G	60.55	74.00	-13.45	14.03	3	Vertical	17	1.66	-	46.52
AV	15.90696G	46.34	54.00	-7.66	14.02	3	Vertical	17	1.66	-	32.32

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

16/09/2019



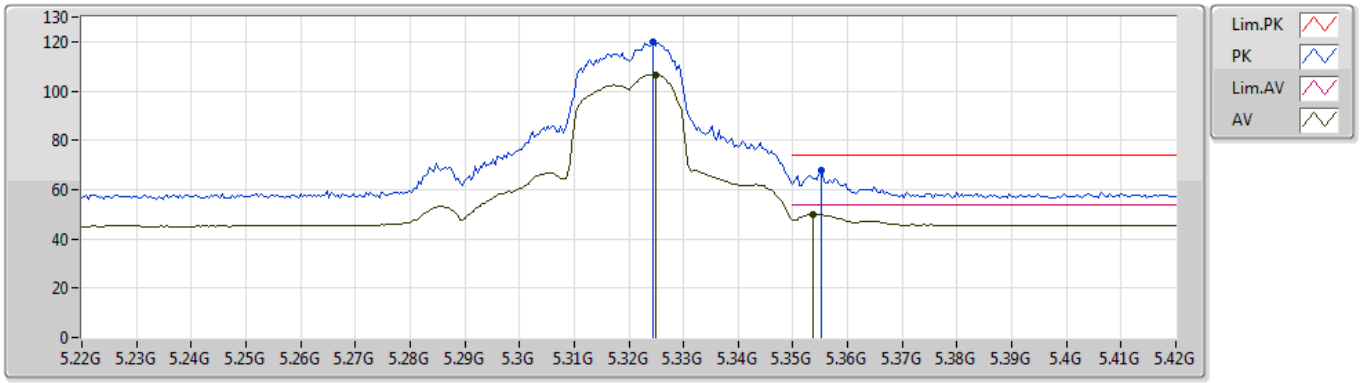
EUT Y_4TX
Setting 23
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.60068G	67.00	74.00	-7.00	11.17	3	Horizontal	4	2.38	-	55.83
AV	10.60048G	52.96	54.00	-1.04	11.17	3	Horizontal	4	2.38	-	41.79
PK	15.90912G	60.05	74.00	-13.95	14.00	3	Horizontal	287	2.65	-	46.05
AV	15.90768G	46.29	54.00	-7.71	14.02	3	Horizontal	287	2.65	-	32.27

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

16/09/2019



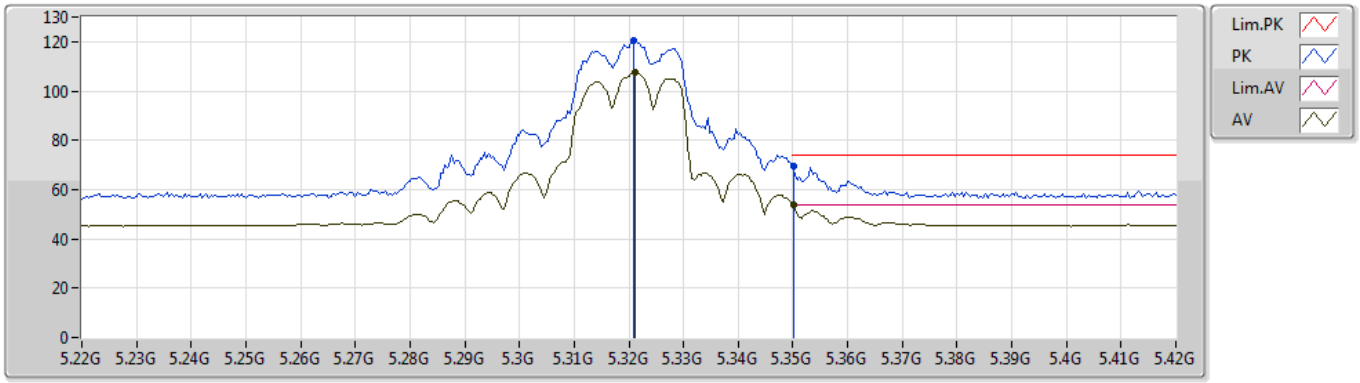
EUT Y_4TX
Setting 20
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3244G	120.06	Inf	-Inf	4.72	3	Vertical	293	1.60	-	115.34
AV	5.3248G	106.71	Inf	-Inf	4.72	3	Vertical	293	1.60	-	101.99
PK	5.3552G	67.67	74.00	-6.33	4.83	3	Vertical	293	1.60	-	62.84
AV	5.3536G	50.06	54.00	-3.94	4.82	3	Vertical	293	1.60	-	45.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

16/09/2019



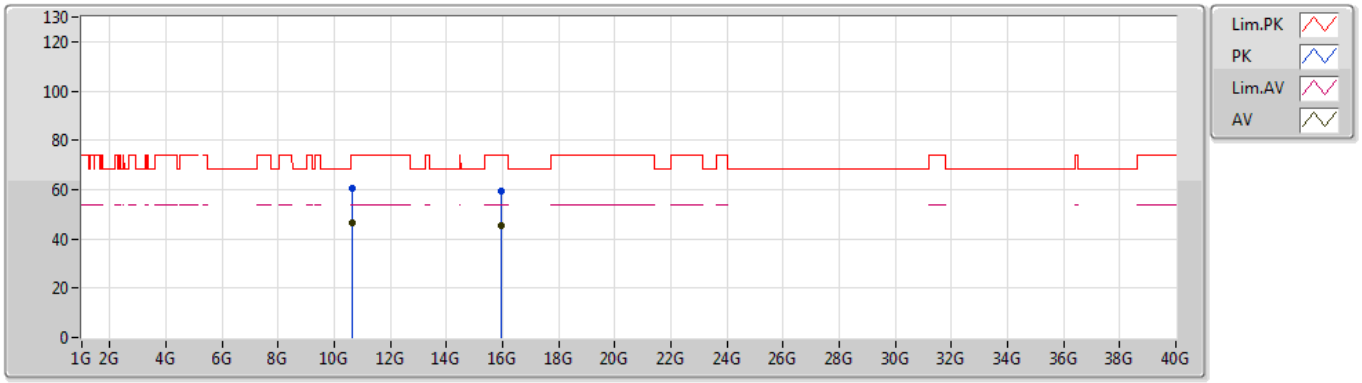
EUT Y_4TX
Setting 20
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3208G	120.63	Inf	-Inf	4.71	3	Horizontal	61	2.85	-	115.92
AV	5.3212G	107.54	Inf	-Inf	4.71	3	Horizontal	61	2.85	-	102.83
PK	5.3501G	69.56	74.00	-4.44	4.81	3	Horizontal	61	2.85	-	64.75
AV	5.3501G	53.55	54.00	-0.45	4.81	3	Horizontal	61	2.85	-	48.74

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

16/09/2019



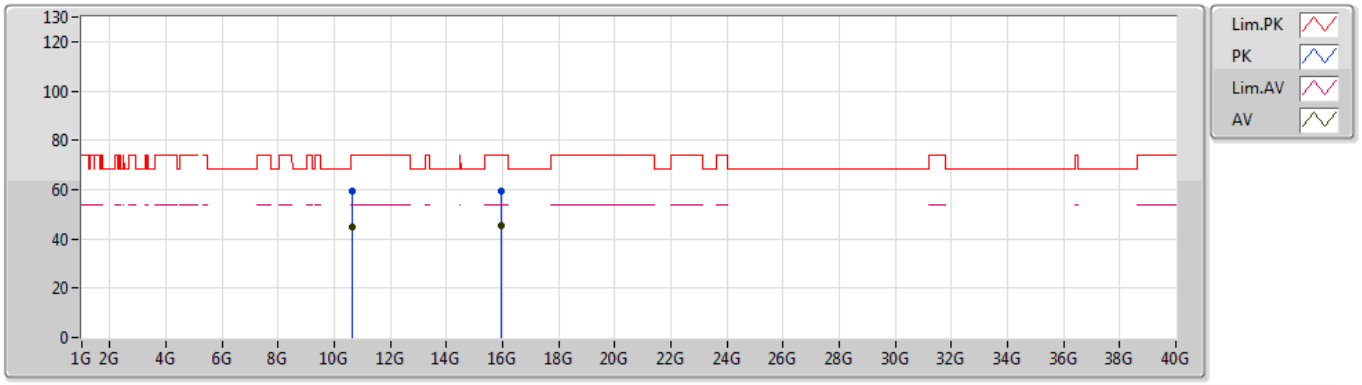
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6424G	60.34	74.00	-13.66	11.23	3	Vertical	297	2.36	-	49.11
AV	10.6427G	46.34	54.00	-7.66	11.23	3	Vertical	297	2.36	-	35.11
PK	15.95082G	59.58	74.00	-14.42	13.96	3	Vertical	207	1.31	-	45.62
AV	15.97338G	45.39	54.00	-8.61	13.94	3	Vertical	207	1.31	-	31.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

16/09/2019



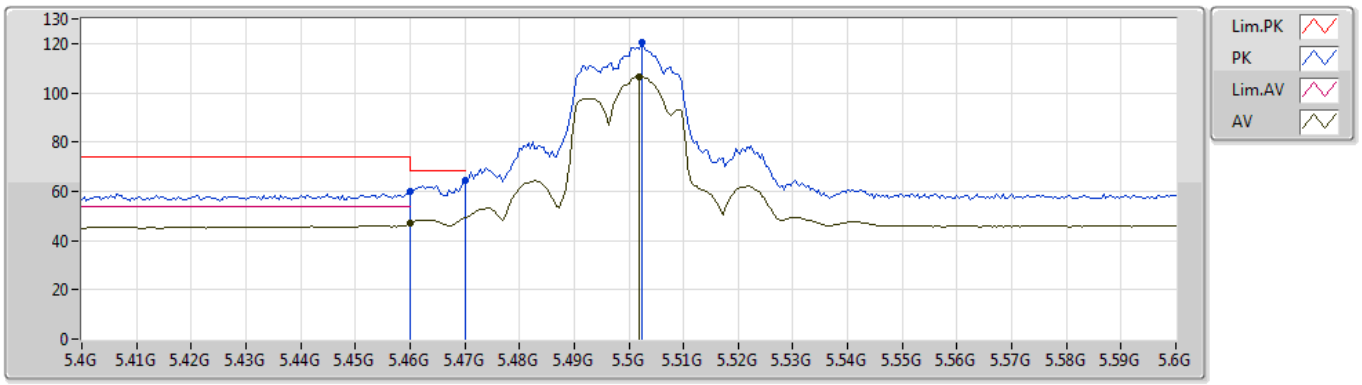
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.65122G	59.46	74.00	-14.54	11.24	3	Horizontal	68	1.17	-	48.22
AV	10.6403G	44.78	54.00	-9.22	11.23	3	Horizontal	68	1.17	-	33.55
PK	15.95634G	59.51	74.00	-14.49	13.96	3	Horizontal	143	1.44	-	45.55
AV	15.94974G	45.45	54.00	-8.55	13.96	3	Horizontal	143	1.44	-	31.49

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

16/09/2019



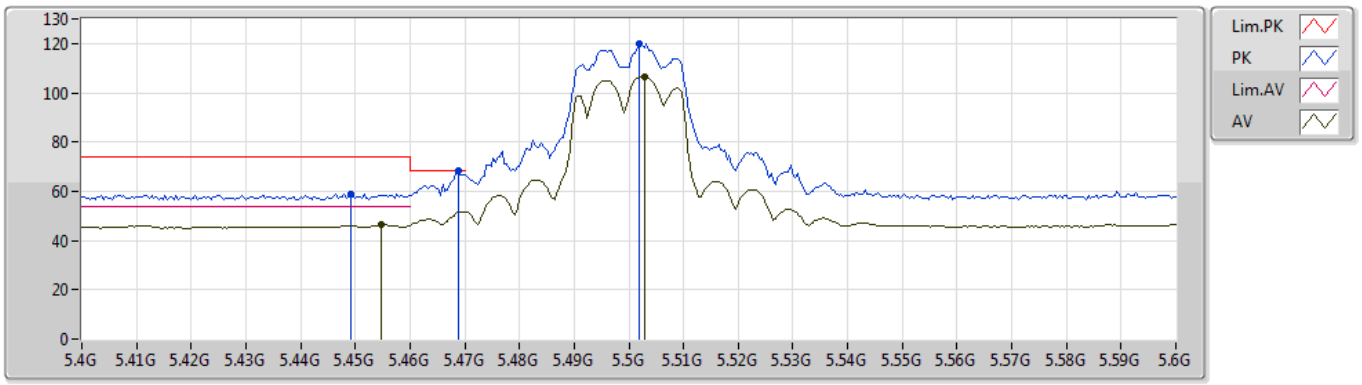
EUT Y_4TX
Setting 18.5
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.46G	60.09	74.00	-13.91	5.22	3	Vertical	302	2.04	-	54.87
AV	5.46G	47.10	54.00	-6.90	5.22	3	Vertical	302	2.04	-	41.88
PK	5.47G	64.41	68.20	-3.79	5.26	3	Vertical	302	2.04	-	59.15
PK	5.5024G	120.35	Inf	-Inf	5.38	3	Vertical	302	2.04	-	114.97
AV	5.502G	106.46	Inf	-Inf	5.38	3	Vertical	302	2.04	-	101.08

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

16/09/2019



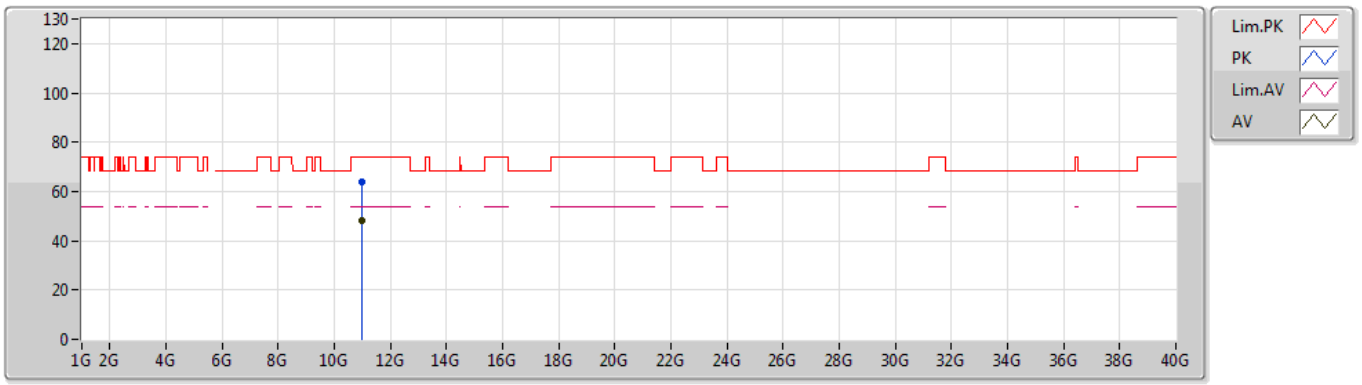
EUT Y_4TX
Setting 18.5
01-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4492G	59.06	74.00	-14.94	5.19	3	Horizontal	58	2.43	-	53.87
AV	5.4548G	46.37	54.00	-7.63	5.19	3	Horizontal	58	2.43	-	41.18
PK	5.4688G	68.19	68.20	-0.01	5.26	3	Horizontal	58	2.43	-	62.93
PK	5.502G	120.05	Inf	-Inf	5.38	3	Horizontal	58	2.43	-	114.67
AV	5.5028G	106.48	Inf	-Inf	5.39	3	Horizontal	58	2.43	-	101.09

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

16/09/2019



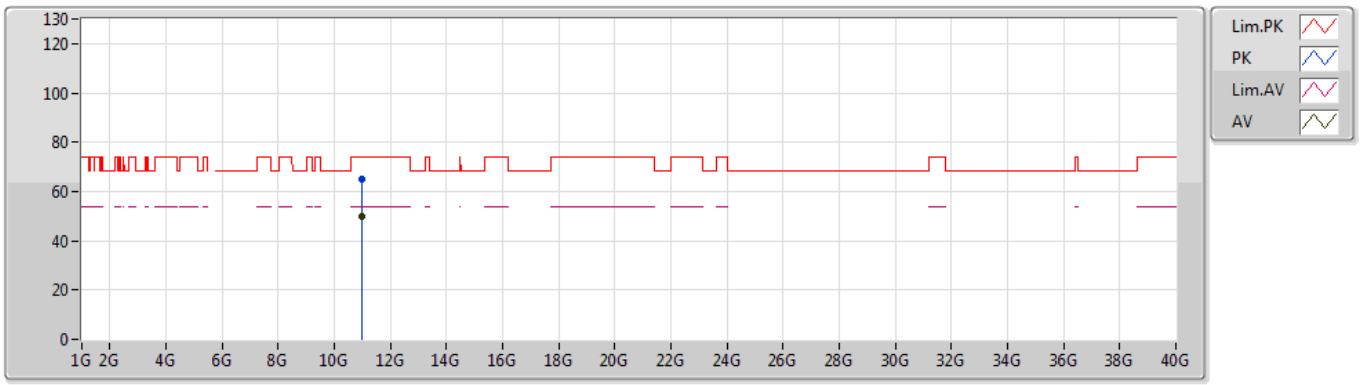
EUT Y_4TX
Setting 18.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00408G	63.84	74.00	-10.16	11.71	3	Vertical	335	1.80	-	52.13
AV	11.00174G	47.99	54.00	-6.01	11.71	3	Vertical	335	1.80	-	36.28

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

16/09/2019



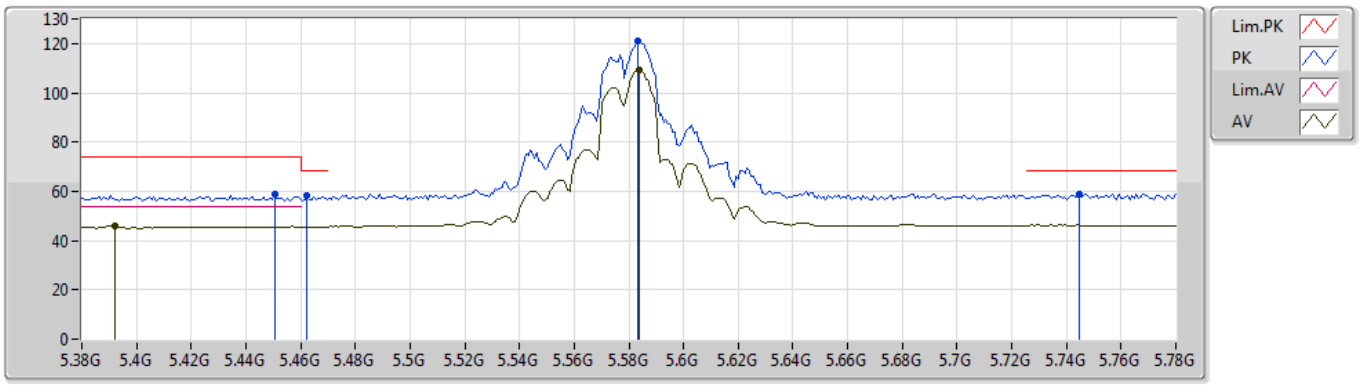
EUT Y_4TX
Setting 18.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.99736G	64.77	74.00	-9.23	11.71	3	Horizontal	120	2.40	-	53.06
AV	10.9997G	49.76	54.00	-4.24	11.71	3	Horizontal	120	2.40	-	38.05

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

16/09/2019



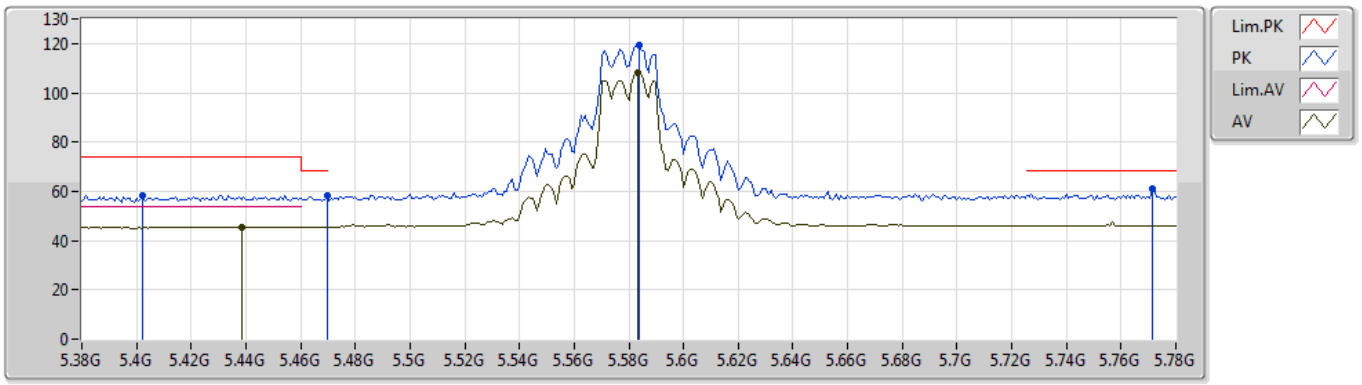
EUT Y_4TX
Setting 21.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4504G	58.70	74.00	-15.30	5.18	3	Vertical	294	2.01	-	53.52
AV	5.392G	45.87	54.00	-8.13	4.97	3	Vertical	294	2.01	-	40.90
PK	5.4624G	58.13	68.20	-10.07	5.23	3	Vertical	294	2.01	-	52.90
PK	5.5832G	120.76	Inf	-Inf	5.60	3	Vertical	294	2.01	-	115.16
AV	5.584G	109.14	Inf	-Inf	5.60	3	Vertical	294	2.01	-	103.54
PK	5.7448G	59.08	68.20	-9.12	5.84	3	Vertical	294	2.01	-	53.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

16/09/2019



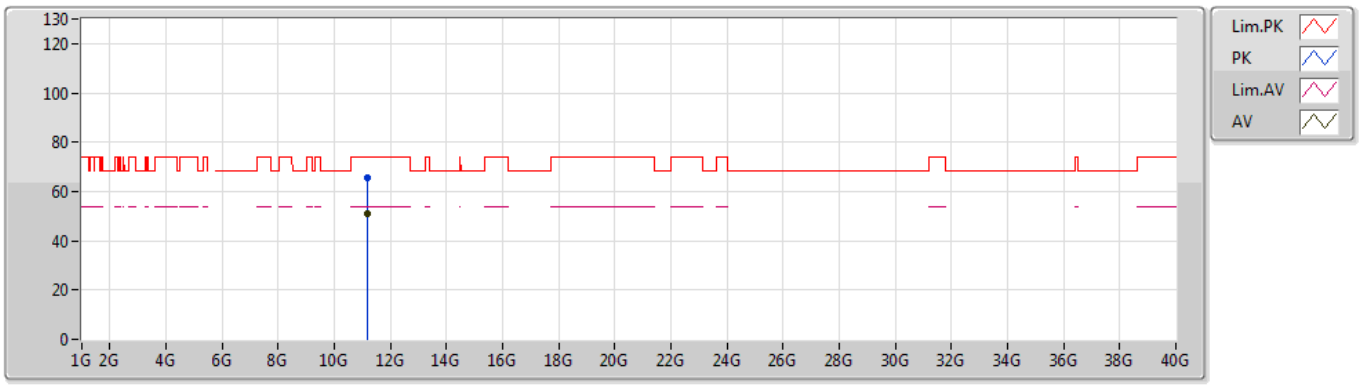
EUT Y_4TX
Setting 21.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4024G	58.42	74.00	-15.58	5.00	3	Horizontal	58	2.66	-	53.42
PK	5.4696G	58.12	68.20	-10.08	5.26	3	Horizontal	58	2.66	-	52.86
AV	5.4384G	45.62	54.00	-8.38	5.15	3	Horizontal	58	2.66	-	40.47
PK	5.584G	119.61	Inf	-Inf	5.60	3	Horizontal	58	2.66	-	114.01
AV	5.5832G	108.09	Inf	-Inf	5.60	3	Horizontal	58	2.66	-	102.49
PK	5.7712G	61.31	68.20	-6.89	5.90	3	Horizontal	58	2.66	-	55.41

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

16/09/2019



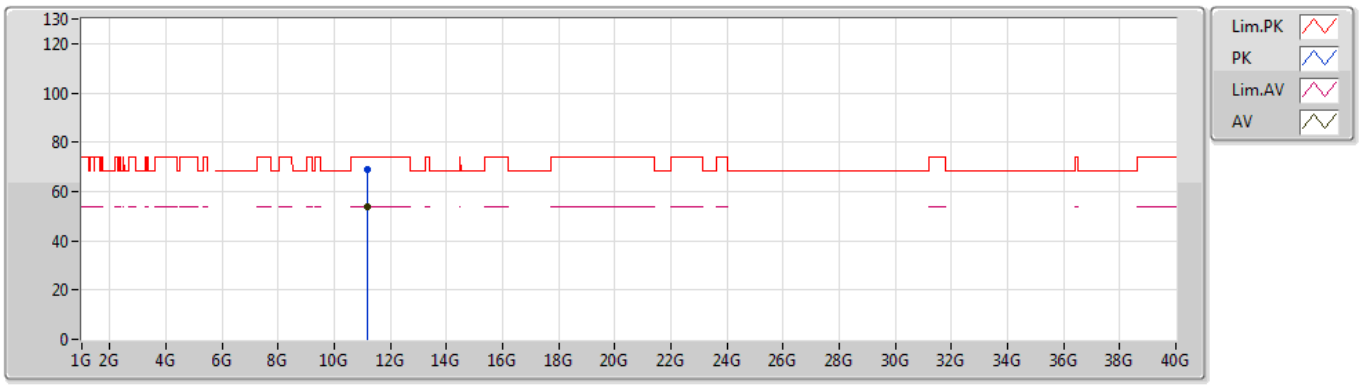
EUT Y_4TX
Setting 21.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.15766G	65.77	74.00	-8.23	11.78	3	Vertical	330	1.69	-	53.99
AV	11.15658G	50.74	54.00	-3.26	11.78	3	Vertical	330	1.69	-	38.96

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

16/09/2019



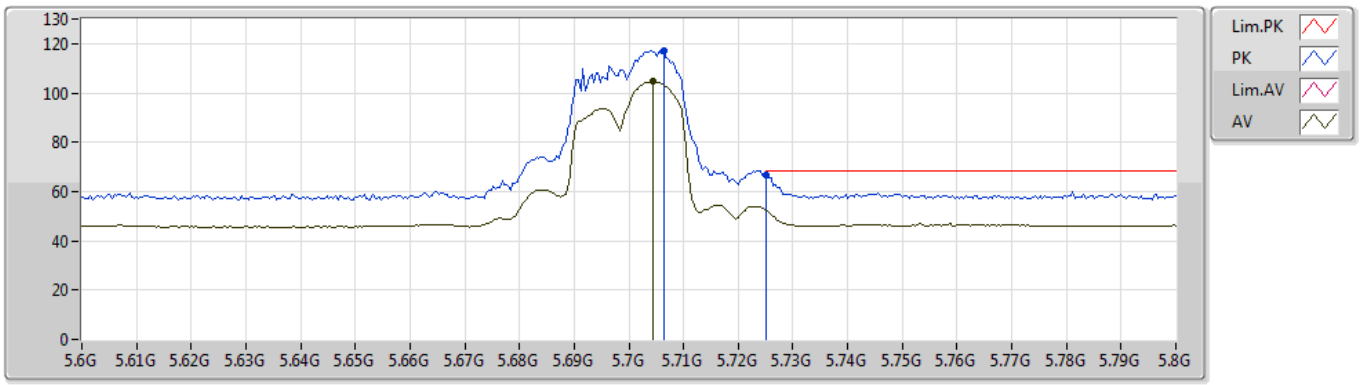
EUT Y_4TX
Setting 21.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.16492G	69.18	74.00	-4.82	11.78	3	Horizontal	8	2.36	-	57.40
AV	11.15742G	53.84	54.00	-0.16	11.78	3	Horizontal	8	2.36	-	42.06

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX

16/09/2019



EUT Y_4TX
Setting 17
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7064G	117.09	Inf	-Inf	5.75	3	Vertical	291	2.07	-	111.34
AV	5.7044G	104.69	Inf	-Inf	5.75	3	Vertical	291	2.07	-	98.94
PK	5.7252G	66.92	68.20	-1.28	5.79	3	Vertical	291	2.07	-	61.13