FCC RADIO TEST REPORT

FCC ID	:	NKR-LVSK-R1
Equipment	:	Router
Brand Name	:	verizon
Model Name	:	LVR1
Applicant	:	Wistron NeWeb Corporation 20 Park Ave. II, Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer	:	Wistron NeWeb Corporation 20 Park Ave. II, Hsinchu Science Park, Hsinchu 308, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on May 29, 2019, and testing was started from Jun. 01, 2019 and completed on Aug. 21, 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.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR952921-01	01	Initial issue of report	Nov. 15, 2019

Summary of Test Result

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

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: Wendy Pan

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	802.11ac 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	802.11ac 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	802.11ac 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
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 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	WNC	95XKAC15.GCFVZ	Dipole Antenna	I-PEX MHF	Note1
2	2	WNC	95XKAC15.GCEVZ	Dipole Antenna	I-PEX MHF	
3	3	WNC	95XKAC15.GCGVZ	Dipole Antenna	I-PEX MHF	
4	4	WNC	95XKAC15.GCHVZ	Dipole Antenna	I-PEX MHF	
5	1	WNC	95XKAC15.GCKVZ	Dipole Antenna	I-PEX MHF	
6	2	WNC	95XKAC15.GCJVZ	Dipole Antenna	I-PEX MHF	
7	3	WNC	95XKAC15.GCIVZ	Dipole Antenna	I-PEX MHF	
8	4	WNC	95XKAC15.GCLVZ	Dipole Antenna	I-PEX MHF	
9	1	WNC	95XKAC15.GCNVZ	Patch Antenna	I-PEX MHF	
10		WNC	95XKAC15.GCMVZ	Patch Antenna	I-PEX MHF	

Note1:

Directional Gain (dBi)				
Ant.	**Port**	**2.4GHz**	**5G Band 1 + Band 2**	**5G Band 3 + Bnad 4**
1	1	5.45	-	6.94
2	2	5.45	-	6.94
3	3	5.45	-	6.94
4	4	5.45	-	6.94
5	1	-	5.88	-
6	2	-	5.88	-
7	3	-	5.88	-
8	4	-	5.88	-

Antenna Gain (dBi)		
Ant.	**Port**	**Bluetooth**
9	1	2.72
10		2.72

Note2:The above information was declared by manufacturer.

For wifi function (4TX/4RX):

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

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

For bluetooth function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.939	0.27	1.98m	1k
802.11ac VHT20	0.946	0.24	5.429m	300
802.11ac VHT20-BF	0.941	0.26	1.755m	1k
802.11ac VHT40	0.948	0.23	5.429m	300
802.11ac VHT40-BF	0.917	0.38	1.69m	1k
802.11ac VHT80	0.948	0.23	5.43m	300
802.11ac VHT80-BF	0.94	0.27	1.941m	1k
802.11ax HEW20	0.95	0.22	5.453m	300
802.11ax HEW20-BF	0.927	0.33	1.763m	1k
802.11ax HEW40	0.966	0.15	5.455m	300
802.11ax HEW40-BF	0.92	0.36	1.763m	1k
802.11ax HEW80	0.966	0.15	5.453m	300
802.11ax HEW80-BF	0.906	0.43	1.685m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for 802.11ax in 2.4GHz and 802.11ac/ax in 5GHz	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	QSPR : v5.0-00163			

Note: The above information was declared by manufacturer.

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR952921AB

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

Modifications	Performance Checking
1. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Adding bridge mode.	1. Emission Bandwidth. 2. Maximum Conducted Output Power. 3. Peak Power Spectral Density. 4. Unwanted Emissions
3. Removing the aluminum foil of FFC cable. 4. Adding the ferrite core on FFC cable (Optional).	Unwanted Emissions Below 1GHz
5. Changing adapter model name to "1A95" from "1A95-US1223".	Do not affect the test results.

1.1.6 Table for EUT support function

Function	Support Type	Support Band
AP Router	Master	WLAN 2.4GHz/WLAN 5GHz Band 1~4
Bridge	Master + Slave	WLAN 2.4GHz/WLAN 5GHz Band 1~4 (Band 1/2: Master, Band 3/4: Client without radar detection)

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
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	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	Eddie Weng	21~23°C / 45~55%	Jun. 17, 2019 ~ Jun. 18, 2019
Radiated>1GHz	03CH04-CB	Eason Chen	22~24°C / 50~60%	Jun. 01, 2019 ~ Jun. 15, 2019
Radiated <1GHz	03CH04-CB	KJ Chang	24.4~25.4°C / 60~62%	Aug. 19, 2019 ~ Aug. 21, 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 (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	16.5
5580MHz	16.5
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	18
5310MHz	18
5510MHz	16.5
5550MHz	16.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-

Mode	PowerSetting
5270MHz	18
5310MHz	18
5510MHz	16.5
5550MHz	16.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	18
5530MHz	16.5
5610MHz	16.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	18
5530MHz	16.5
5610MHz	16.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	23
5580MHz	23
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	23
5580MHz	23
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	24
5310MHz	24

Mode	PowerSetting
5510MHz	23
5550MHz	23
5670MHz	22
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	24
5310MHz	24
5510MHz	23
5550MHz	23
5670MHz	22
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	24
5530MHz	22
5610MHz	22
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	24
5530MHz	22
5610MHz	22
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22

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 for 802.11ax in 2.4GHz and 802.11ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

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	Normal Link
1	EUT 1 - With ferrite core on FFC cable
2	EUT 2 - Without ferrite core on FFC cable
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 Band 1 and Band 2 + WLAN 5GHz Band 3 and Band 4 + Bluetooth
Refer to Sporton Test Report No.: FA952921-01 for Co-location RF Exposure Evaluation.	

Note: The EUT only use in Z axis.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	LUCENT TRANS	1A95	INPUT: 100-240V, 1A, 50-60Hz OUTPUT: 19V, 2.37A

2.5 Support Equipment

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PC	DELL	OPTIPLEX 3010	N/A
B	PC	DELL	OPTIPLEX 3010	N/A
C	Device	verizon	LVR1	NKR-LVSK-R1
D	Phone	Samsung	SM-J200Y	N/A
E	Notebook	DELL	E4300	N/A

For Radiated (above 1GHz):
For non-beamforming mode

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For beamforming mode:

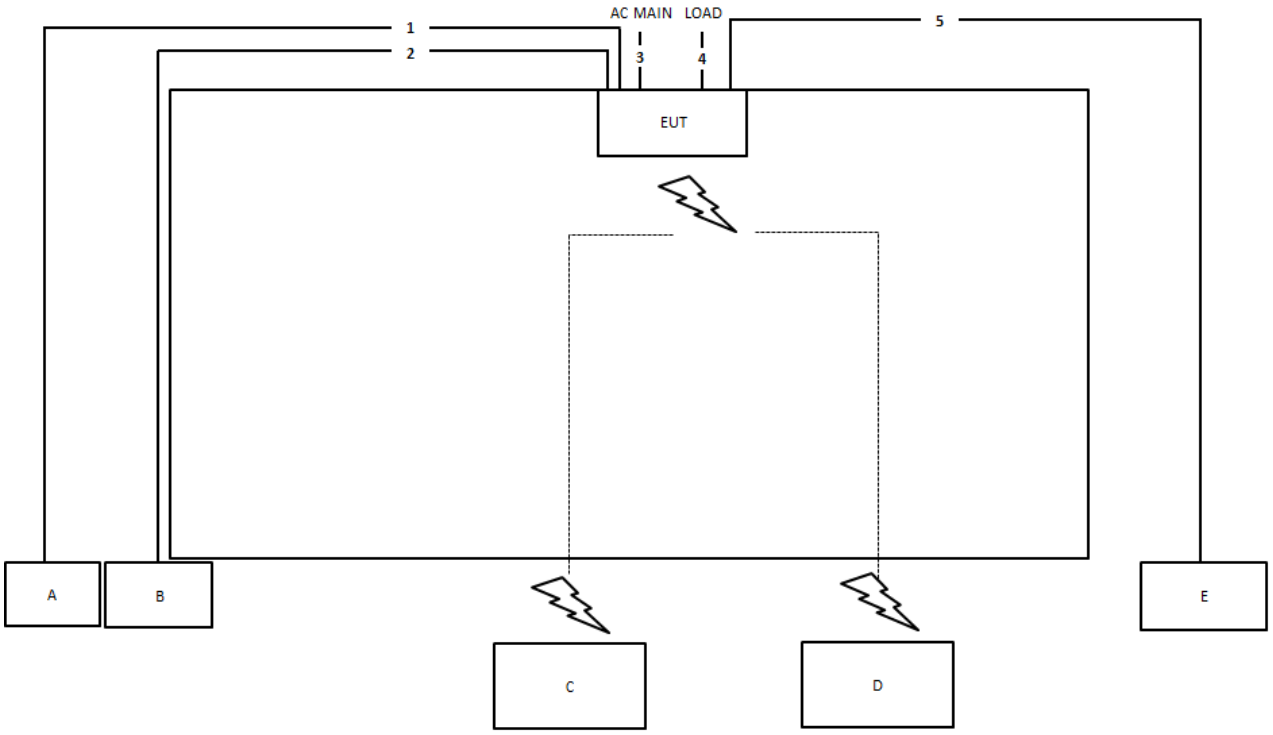
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Device	verizon	LVR1	NKR-LVSK-R1
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

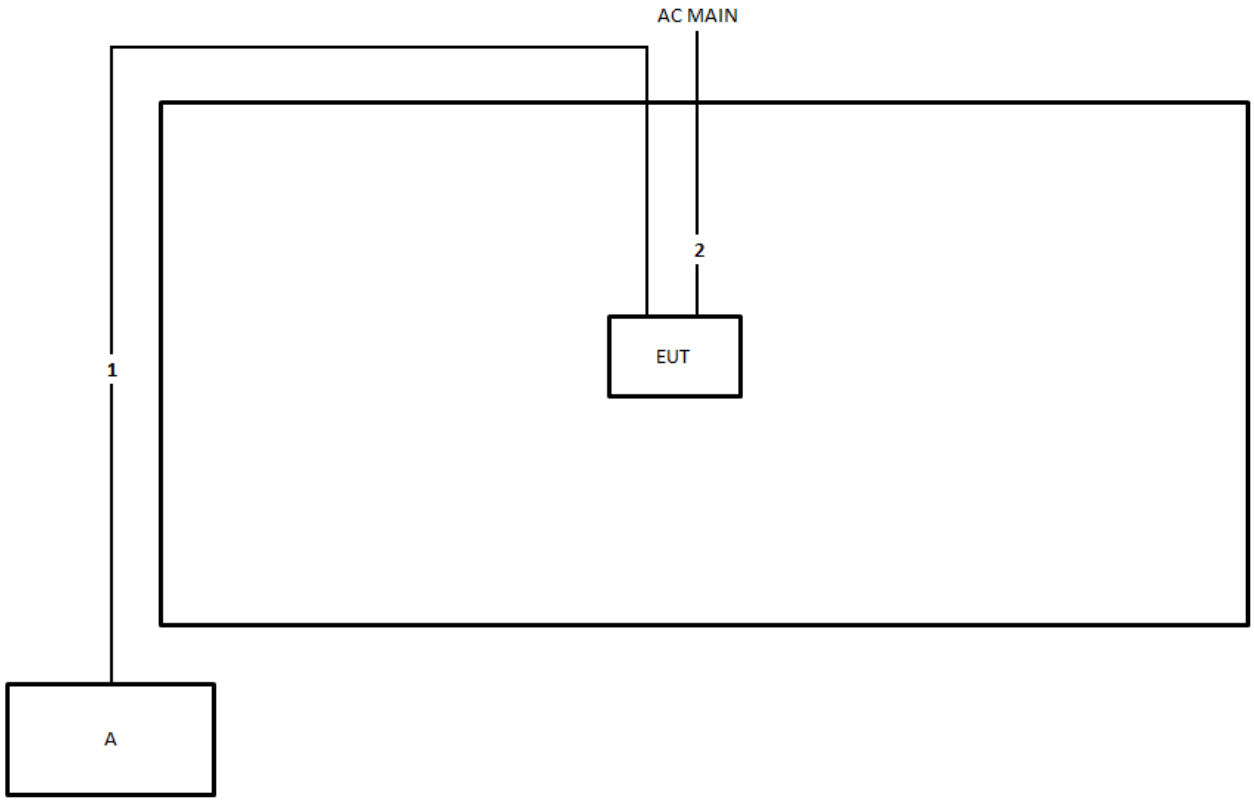
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test < 1GHz



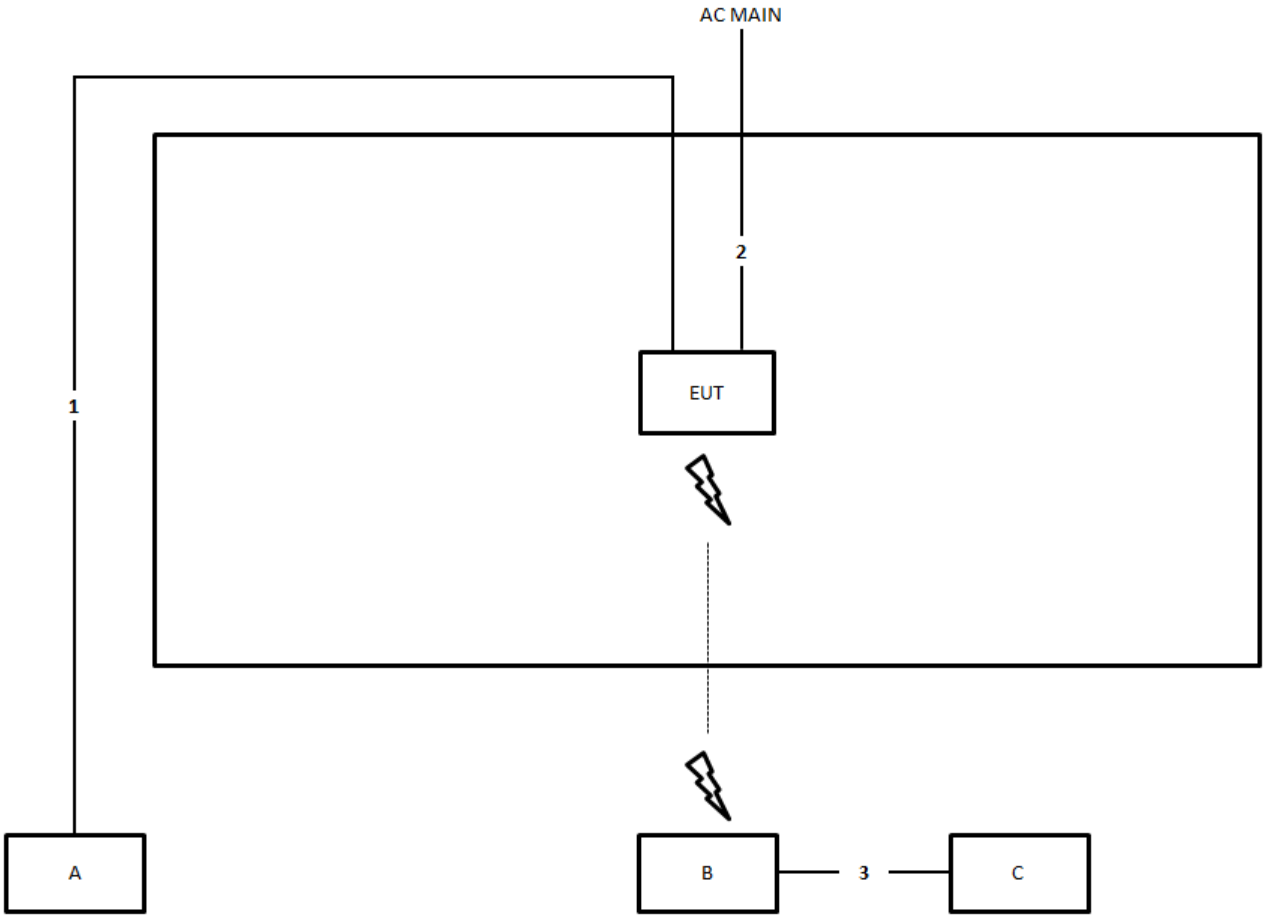
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	10m
3	Power cable	No	1.5m
4	RJ-45 cable	No	1m
5	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / For non-beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m
3	RJ-45 cable	No	1.5m

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

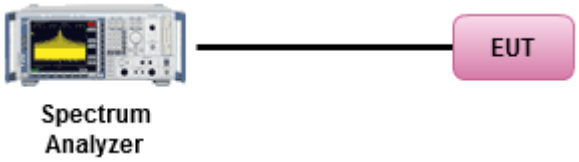
Refer a test equipment and calibration data table in this test report.

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

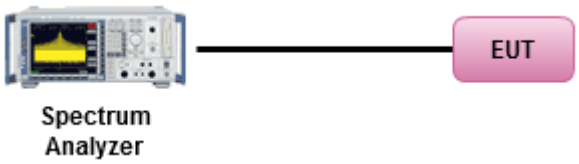
Refer a test equipment and calibration data table in this test report.

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 test:

RF Output Power (Spectrum Analyzer)


For other test:

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.	

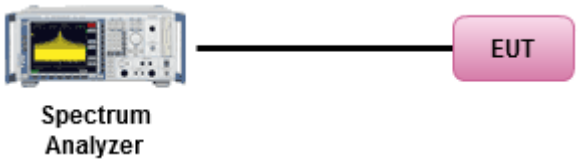
3.3.2 Measuring Instruments

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.

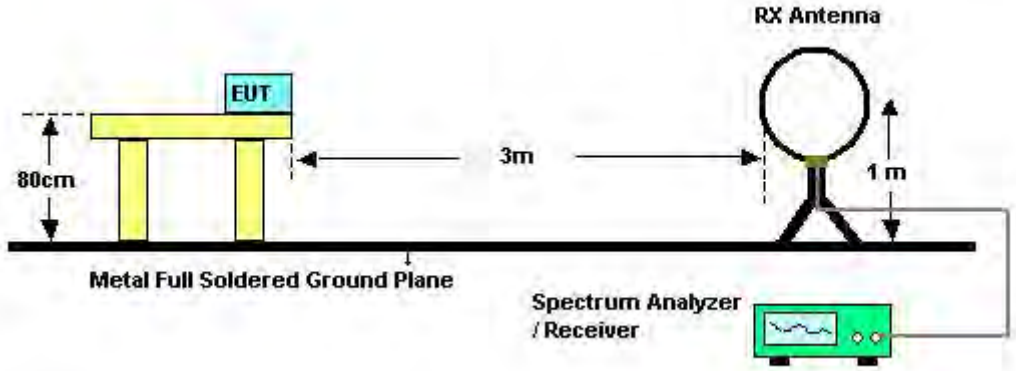
3.4.3 Test Procedures

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.			

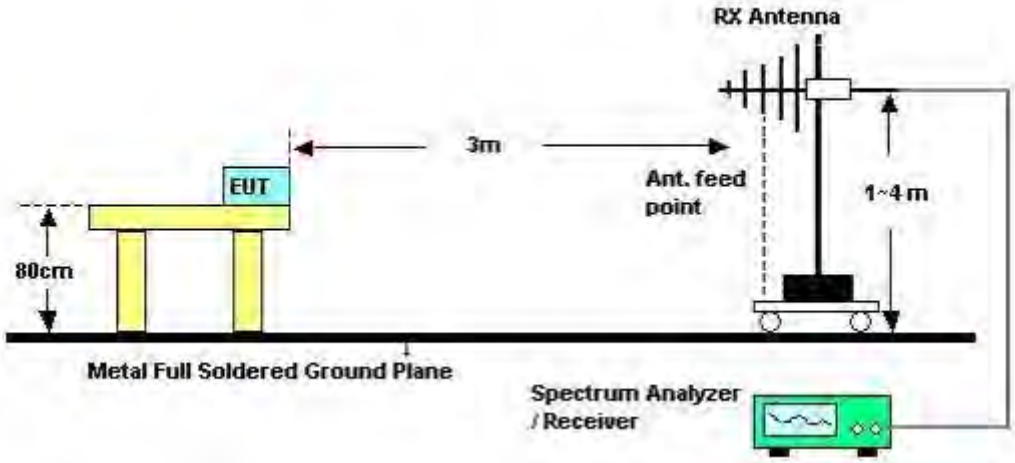
3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions

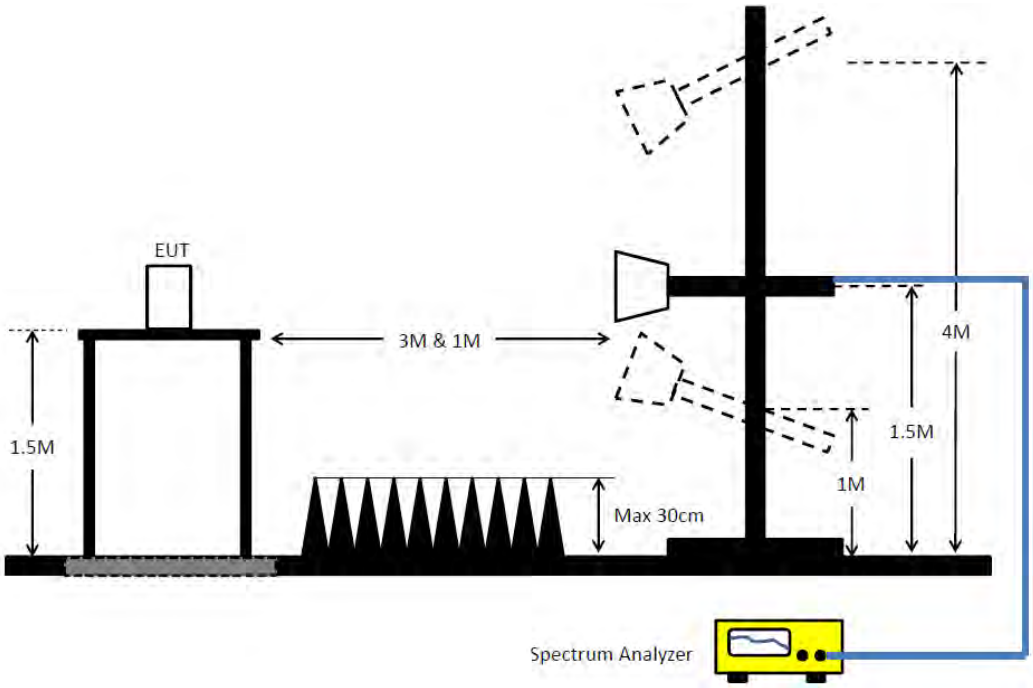
9kHz ~30MHz



30MHz~1GHz



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 Transmitter Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.4.7 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
BILOG ANTENNA with 6 dB attenuator	Schaffner & Woken	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 12, 2018	Oct. 11, 2019	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+22	30MHz – 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 26, 2018	Oct. 25, 2019	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz~26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 26, 2018	Dec. 25, 2019	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH04-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-07	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. 08, 2018	Oct. 07, 2019	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-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	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
BILOG ANTENNA with 6 dB attenuator	Schaffner & Woken	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 12, 2018	Oct. 11, 2019	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+22	30MHz – 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH04-CB)
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.

N.C.R. means Non-Calibration required.

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	19.5M	16.392M	16M4D1D	18.85M	16.367M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.7M	17.616M	17M6D1D	20.35M	17.541M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.7M	18.966M	19M0D1D	20.875M	18.841M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.4M	36.132M	36M1D1D	39.75M	35.982M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.95M	37.781M	37M8D1D	40.5M	37.531M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.4M	75.462M	75M5D1D	80.6M	75.262M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	76.962M	77M0D1D	81.6M	76.962M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.2M	17.616M	17M6D1D	19.8M	17.541M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.75M	18.916M	18M9D1D	21.175M	18.866M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.3M	36.132M	36M1D1D	39.05M	35.982M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.15M	37.731M	37M7D1D	40.4M	37.531M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	79.9M	75.562M	75M6D1D	79.3M	75.262M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.5M	76.962M	77M0D1D	80.8M	76.562M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.325M	16.417M	16M4D1D	14.655M	13.178M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.85M	17.616M	17M6D1D	14.955M	13.778M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.5M	18.941M	18M9D1D	15.45M	14.453M
802.11ac VHT40_Nss1,(MCS0)_4TX	41.2M	36.182M	36M2D1D	35.14M	32.884M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.25M	37.831M	37M8D1D	35.35M	33.688M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.4M	75.562M	75M6D1D	75.675M	72.264M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.6M	77.261M	77M3D1D	75.825M	72.939M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.15M	17.616M	17M6D1D	15.03M	13.793M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.625M	18.941M	18M9D1D	15.42M	14.453M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.5M	36.682M	36M7D1D	34.685M	32.919M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.65M	37.781M	37M8D1D	35.105M	33.723M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.5M	75.662M	75M7D1D	75.75M	72.189M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.7M	77.361M	77M4D1D	75.375M	72.864M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.12M	3.378M	3M38D1D	3.12M	3.318M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.78M	3.938M	3M94D1D	3.72M	3.878M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.46M	4.518M	4M52D1D	4.4M	4.498M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.12M	3.438M	3M44D1D	3.12M	3.398M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.02M	4.058M	4M06D1D	3.9M	4.038M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.16M	3.558M	3M56D1D	3.12M	3.498M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.08M	4.078M	4M08D1D	3.96M	4.038M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.74M	3.878M	3M88D1D	3.56M	3.858M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.42M	4.498M	4M50D1D	2.64M	4.458M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.16M	3.458M	3M46D1D	2.74M	3.398M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.1M	4.038M	4M04D1D	3.92M	4.018M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.18M	3.538M	3M54D1D	2.84M	3.478M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.98M	4.078M	4M08D1D	3.92M	4.018M

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	18.85M	16.367M	19.075M	16.367M	18.9M	16.392M	19.5M	16.392M
5300MHz	Pass	Inf	19.05M	16.392M	19M	16.392M	19.05M	16.392M	19.025M	16.392M
5320MHz	Pass	Inf	19.05M	16.367M	18.925M	16.392M	18.95M	16.392M	19.1M	16.367M
5500MHz	Pass	Inf	19.025M	16.367M	19.125M	16.392M	19.15M	16.392M	19.2M	16.392M
5580MHz	Pass	Inf	18.925M	16.392M	19.1M	16.342M	19.05M	16.392M	19.325M	16.417M
5700MHz	Pass	Inf	18.825M	16.392M	19.175M	16.367M	18.95M	16.342M	18.975M	16.367M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.655M	13.178M	14.685M	13.193M	14.7M	13.193M	14.685M	13.223M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.318M	3.12M	3.358M	3.12M	3.358M	3.12M	3.378M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.7M	17.566M	20.4M	17.541M	20.35M	17.566M	20.475M	17.616M
5300MHz	Pass	Inf	20.625M	17.591M	20.625M	17.616M	20.525M	17.566M	20.425M	17.591M
5320MHz	Pass	Inf	20.5M	17.591M	20.425M	17.541M	20.7M	17.591M	20.45M	17.591M
5500MHz	Pass	Inf	20.65M	17.566M	20.775M	17.616M	20.45M	17.591M	20.425M	17.591M
5580MHz	Pass	Inf	20.8M	17.591M	20.375M	17.591M	20.5M	17.566M	20.5M	17.616M
5700MHz	Pass	Inf	20.85M	17.616M	20.475M	17.566M	20.625M	17.616M	20.325M	17.591M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	13.778M	14.955M	13.778M	15.18M	13.838M	15.015M	13.808M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	3.878M	3.72M	3.898M	3.78M	3.878M	3.74M	3.938M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.425M	18.891M	20.875M	18.916M	21.1M	18.891M	21.175M	18.941M
5300MHz	Pass	Inf	21.7M	18.891M	20.875M	18.891M	20.925M	18.866M	21.275M	18.966M
5320MHz	Pass	Inf	21.175M	18.866M	21.075M	18.841M	21.15M	18.891M	21.025M	18.891M
5500MHz	Pass	Inf	21.5M	18.891M	21M	18.891M	21.375M	18.916M	21.5M	18.916M
5580MHz	Pass	Inf	21.3M	18.916M	21.025M	18.941M	21.1M	18.891M	20.875M	18.891M
5700MHz	Pass	Inf	21.45M	18.941M	21.3M	18.941M	21.35M	18.891M	20.725M	18.866M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.975M	14.483M	15.555M	14.468M	15.48M	14.453M	15.45M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.518M	4.44M	4.498M	4.44M	4.498M	4.4M	4.498M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.35M	36.082M	40.2M	36.032M	40.15M	36.032M	40.3M	36.132M
5310MHz	Pass	Inf	40.4M	36.032M	40.3M	36.032M	40.2M	35.982M	39.75M	36.082M
5510MHz	Pass	Inf	40.35M	36.032M	39.95M	36.082M	40.6M	36.032M	40.35M	36.132M
5550MHz	Pass	Inf	40.05M	36.032M	40.25M	36.082M	40.35M	36.082M	39.95M	36.082M
5670MHz	Pass	Inf	40.65M	36.082M	41.2M	36.032M	40.4M	36.182M	39.9M	36.082M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	32.954M	35.14M	32.919M	35.385M	32.884M	35.28M	32.884M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.398M	3.12M	3.438M	3.12M	3.418M	3.12M	3.398M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.9M	37.631M	40.7M	37.581M	40.6M	37.631M	40.95M	37.631M
5310MHz	Pass	Inf	40.7M	37.781M	40.5M	37.531M	40.8M	37.631M	40.6M	37.681M
5510MHz	Pass	Inf	40.9M	37.681M	40.8M	37.731M	41.1M	37.831M	40.4M	37.731M
5550MHz	Pass	Inf	40.85M	37.681M	41.2M	37.731M	41.25M	37.681M	40.4M	37.731M
5670MHz	Pass	Inf	41.05M	37.731M	40.85M	37.781M	41.15M	37.781M	40.8M	37.731M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.63M	33.688M	35.35M	33.723M	35.63M	33.688M	35.525M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.058M	3.9M	4.038M	3.98M	4.038M	4.02M	4.058M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-

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)
5290MHz	Pass	Inf	82.4M	75.262M	81.4M	75.262M	81.7M	75.362M	80.6M	75.462M
5530MHz	Pass	Inf	82.4M	75.462M	81.5M	75.262M	81.9M	75.462M	81.3M	75.362M
5610MHz	Pass	Inf	82.3M	75.562M	81M	75.362M	82.4M	75.462M	81.3M	75.462M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	72.264M	75.975M	72.264M	75.825M	72.414M	75.675M	72.264M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.498M	3.14M	3.498M	3.16M	3.558M	3.12M	3.498M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	76.962M	82.4M	76.962M	82M	76.962M	81.6M	76.962M
5530MHz	Pass	Inf	82.1M	77.061M	82.6M	77.161M	82.5M	77.161M	81.7M	77.061M
5610MHz	Pass	Inf	82M	76.862M	81.6M	77.161M	82.1M	77.261M	82M	76.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.013M	75.825M	72.939M	76.425M	73.238M	75.9M	73.013M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.058M	3.96M	4.038M	4.08M	4.058M	4.06M	4.078M
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.475M	17.566M	20M	17.541M	20.525M	17.616M	20.475M	17.591M
5300MHz	Pass	Inf	20.725M	17.591M	19.95M	17.616M	21.2M	17.616M	19.8M	17.591M
5320MHz	Pass	Inf	20.475M	17.566M	21.075M	17.591M	20.775M	17.566M	19.8M	17.591M
5500MHz	Pass	Inf	21.15M	17.591M	20.375M	17.591M	20.625M	17.616M	20.475M	17.566M
5580MHz	Pass	Inf	19.45M	17.591M	20.55M	17.591M	20.45M	17.591M	20.875M	17.591M
5700MHz	Pass	Inf	20.6M	17.616M	20.825M	17.591M	20.8M	17.616M	21.025M	17.566M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.09M	13.823M	15.165M	13.793M	15.09M	13.793M	15.03M	13.808M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	3.878M	3.72M	3.878M	3.56M	3.878M	3.74M	3.858M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.2M	18.916M	21.175M	18.866M	21.4M	18.891M	21.25M	18.891M
5300MHz	Pass	Inf	21.375M	18.891M	21.525M	18.866M	21.2M	18.891M	21.675M	18.866M
5320MHz	Pass	Inf	21.35M	18.891M	21.75M	18.866M	21.425M	18.866M	21.4M	18.866M
5500MHz	Pass	Inf	21.5M	18.916M	21.35M	18.916M	21.3M	18.891M	21.4M	18.916M
5580MHz	Pass	Inf	21.625M	18.891M	21.175M	18.941M	21.3M	18.891M	21.425M	18.891M
5700MHz	Pass	Inf	21.45M	18.941M	21.3M	18.891M	20.55M	18.866M	21.6M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.51M	14.468M	15.75M	14.468M	15.6M	14.453M	15.42M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.42M	4.498M	4.32M	4.478M	2.64M	4.458M	4.4M	4.458M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.6M	36.132M	39.35M	36.082M	39.1M	36.082M	39.65M	36.082M
5310MHz	Pass	Inf	39.7M	36.032M	40.3M	36.132M	39.3M	35.982M	39.05M	36.032M
5510MHz	Pass	Inf	39.5M	35.982M	40.15M	36.182M	39.8M	36.132M	39.85M	36.132M
5550MHz	Pass	Inf	39.8M	36.032M	40.05M	36.132M	39.45M	36.682M	39.45M	36.032M
5670MHz	Pass	Inf	40.15M	36.082M	41.5M	36.082M	39.85M	36.232M	39.25M	36.132M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.56M	32.954M	34.965M	32.919M	34.685M	32.954M	35.07M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.418M	3.16M	3.458M	2.74M	3.398M	3.14M	3.418M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.75M	37.681M	41.15M	37.531M	40.85M	37.681M	40.8M	37.731M
5310MHz	Pass	Inf	40.65M	37.631M	40.4M	37.681M	40.45M	37.581M	40.6M	37.731M
5510MHz	Pass	Inf	40.65M	37.681M	40.6M	37.731M	41.05M	37.731M	40.35M	37.731M
5550MHz	Pass	Inf	40.65M	37.681M	40.9M	37.731M	41M	37.581M	41.4M	37.681M
5670MHz	Pass	Inf	41.15M	37.681M	40.9M	37.781M	40M	37.731M	41.65M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.105M	33.793M	35.455M	33.723M	35.525M	33.758M	35.455M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.038M	3.94M	4.018M	3.92M	4.018M	4.1M	4.038M

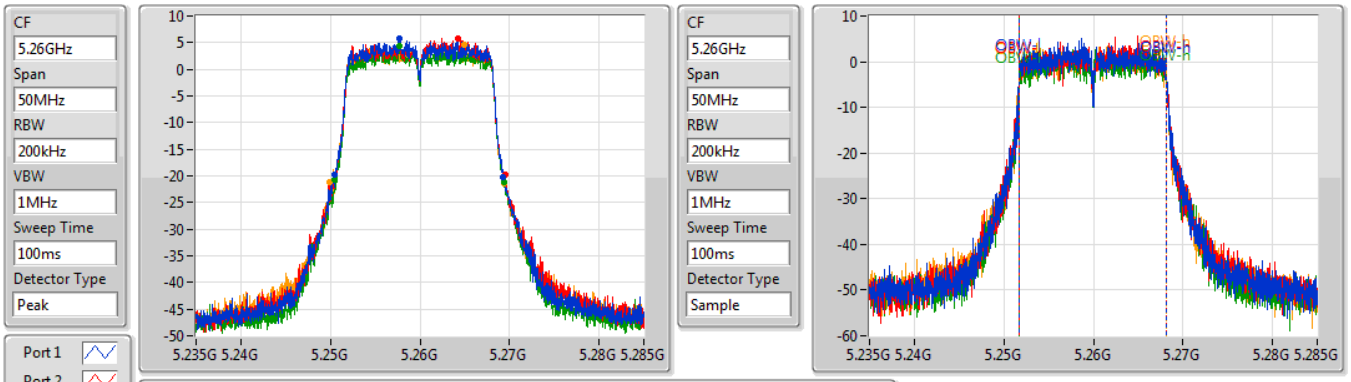
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	79.7M	75.262M	79.7M	75.262M	79.9M	75.262M	79.3M	75.562M
5530MHz	Pass	Inf	80.2M	75.462M	79.6M	75.462M	81.4M	75.662M	80M	75.362M
5610MHz	Pass	Inf	79.8M	75.562M	80.4M	75.462M	79.9M	75.562M	81.5M	75.362M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	72.339M	75.9M	72.339M	75.75M	72.189M	75.9M	72.189M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.478M	3.14M	3.538M	2.84M	3.518M	3.16M	3.498M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.5M	76.962M	80.8M	76.562M	80.8M	76.962M	81.1M	76.962M
5530MHz	Pass	Inf	80.9M	77.061M	82.7M	76.962M	81.8M	77.361M	81.3M	77.061M
5610MHz	Pass	Inf	81.3M	77.061M	81.2M	77.161M	81.3M	77.061M	80.2M	76.962M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.825M	73.313M	75.675M	73.163M	75.675M	72.864M	75.375M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.078M	3.92M	4.018M	3.94M	4.078M	3.98M	4.038M

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

17/06/2019

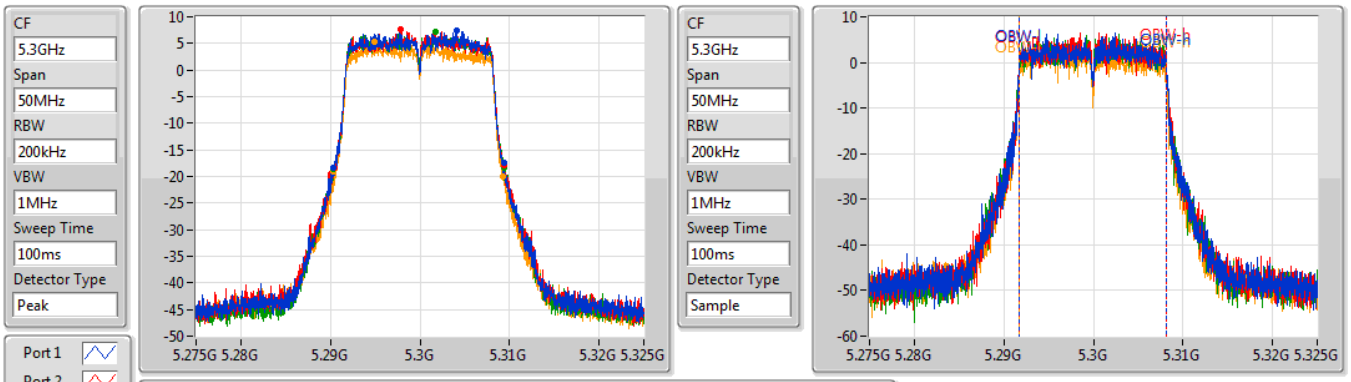


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	5.25045G	5.2693G	16.367M	5.251779G	5.268146G	Inf	1
19.075M	5.250525G	5.2696G	16.367M	5.251779G	5.268146G	Inf	2
18.9M	5.250475G	5.269375G	16.392M	5.251779G	5.268171G	Inf	3
19.5M	5.249925G	5.269425G	16.392M	5.251754G	5.268146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

17/06/2019

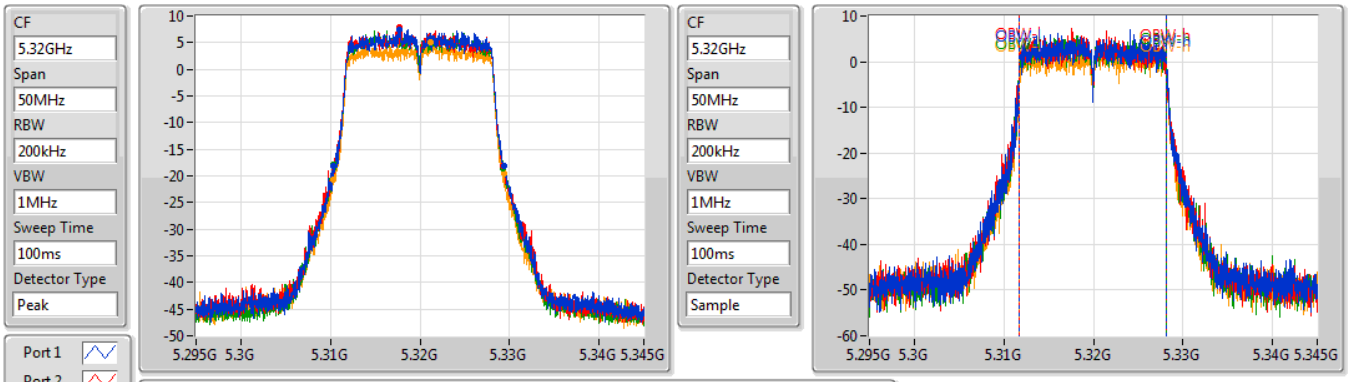


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.290325G	5.309375G	16.392M	5.291754G	5.308146G	Inf	1
19M	5.2904G	5.3094G	16.392M	5.291754G	5.308146G	Inf	2
19.05M	5.2903G	5.30935G	16.392M	5.291754G	5.308146G	Inf	3
19.025M	5.2903G	5.309325G	16.392M	5.291754G	5.308146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

17/06/2019

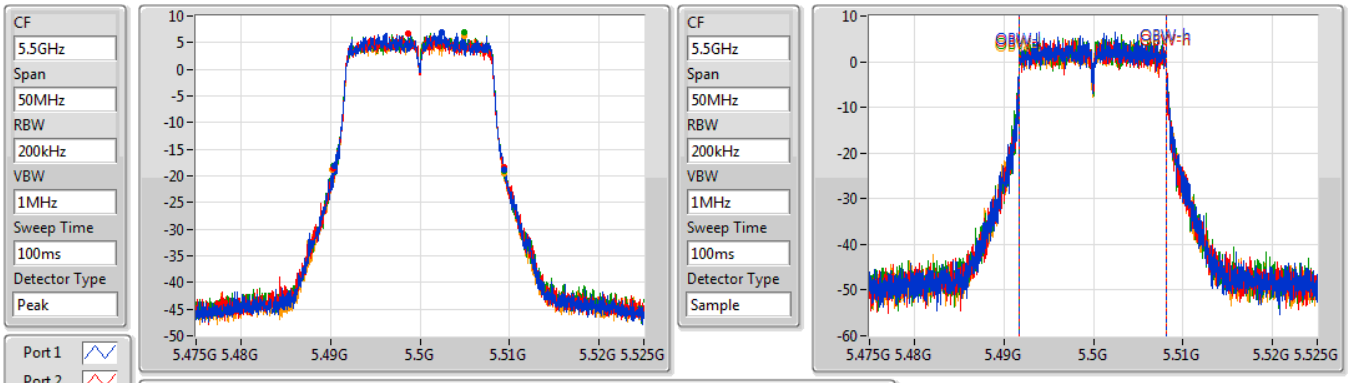


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.310325G	5.329375G	16.367M	5.311779G	5.328146G	Inf	1
18.925M	5.310375G	5.3293G	16.392M	5.311754G	5.328146G	Inf	2
18.95M	5.310375G	5.329325G	16.392M	5.311754G	5.328146G	Inf	3
19.1M	5.310275G	5.329375G	16.367M	5.311779G	5.328146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

17/06/2019

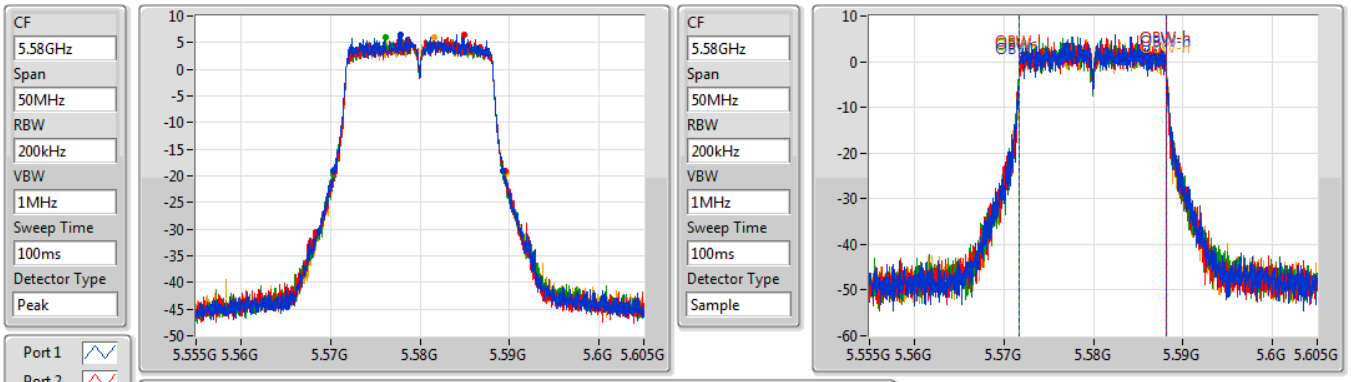


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	5.4904G	5.509425G	16.367M	5.491779G	5.508146G	Inf	1
19.125M	5.490325G	5.50945G	16.392M	5.491754G	5.508146G	Inf	2
19.15M	5.490275G	5.509425G	16.392M	5.491754G	5.508146G	Inf	3
19.2M	5.49015G	5.50935G	16.392M	5.491754G	5.508146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

17/06/2019

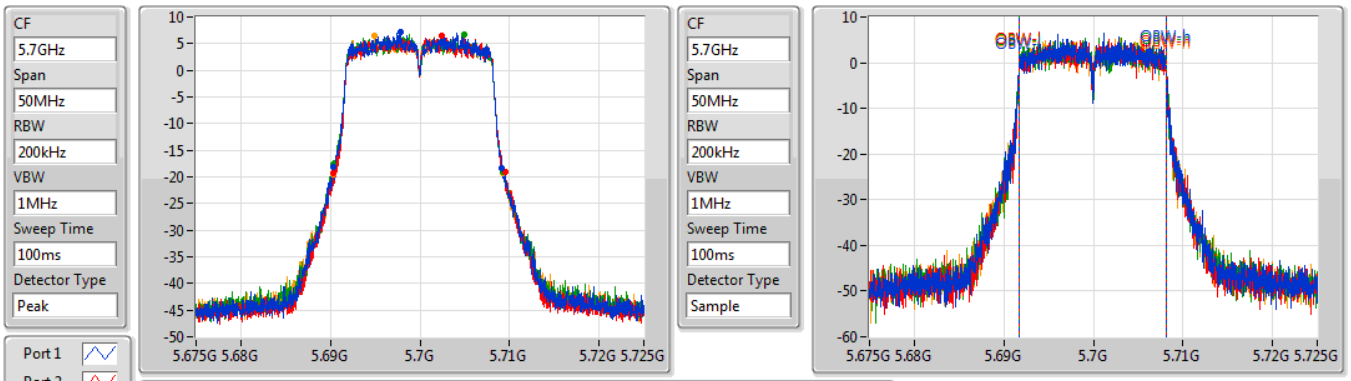


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.57035G	5.589275G	16.392M	5.571754G	5.588146G	Inf	1
19.1M	5.5704G	5.5895G	16.342M	5.571779G	5.588121G	Inf	2
19.05M	5.5703G	5.58935G	16.392M	5.571754G	5.588146G	Inf	3
19.325M	5.570325G	5.58965G	16.417M	5.571754G	5.588171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

17/06/2019

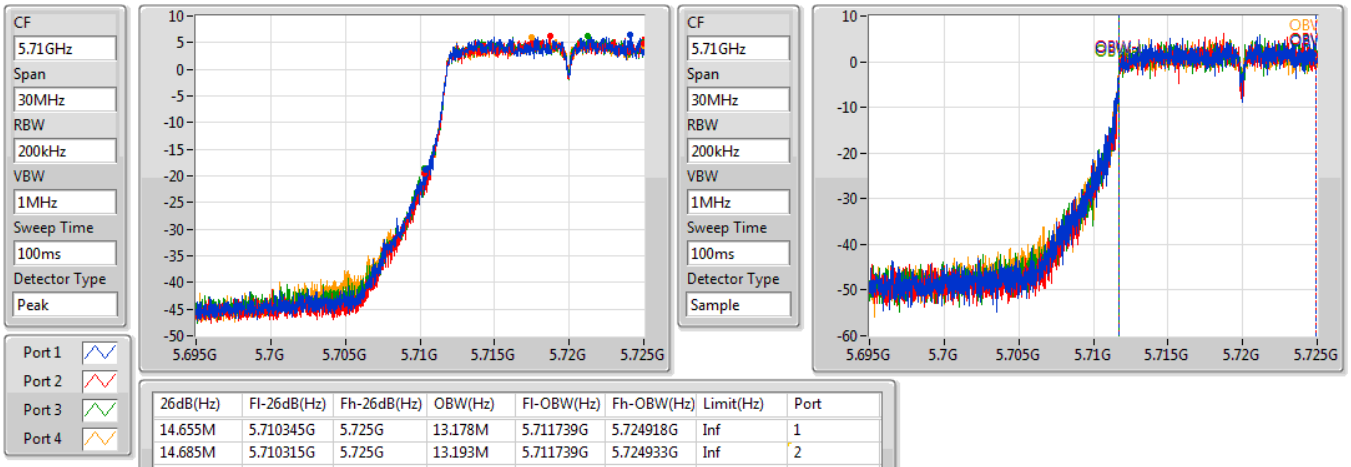


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	5.69035G	5.709175G	16.392M	5.691729G	5.708121G	Inf	1
19.175M	5.690325G	5.7095G	16.367M	5.691754G	5.708121G	Inf	2
18.95M	5.6903G	5.70925G	16.342M	5.691754G	5.708096G	Inf	3
18.975M	5.690325G	5.7093G	16.367M	5.691754G	5.708121G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

17/06/2019

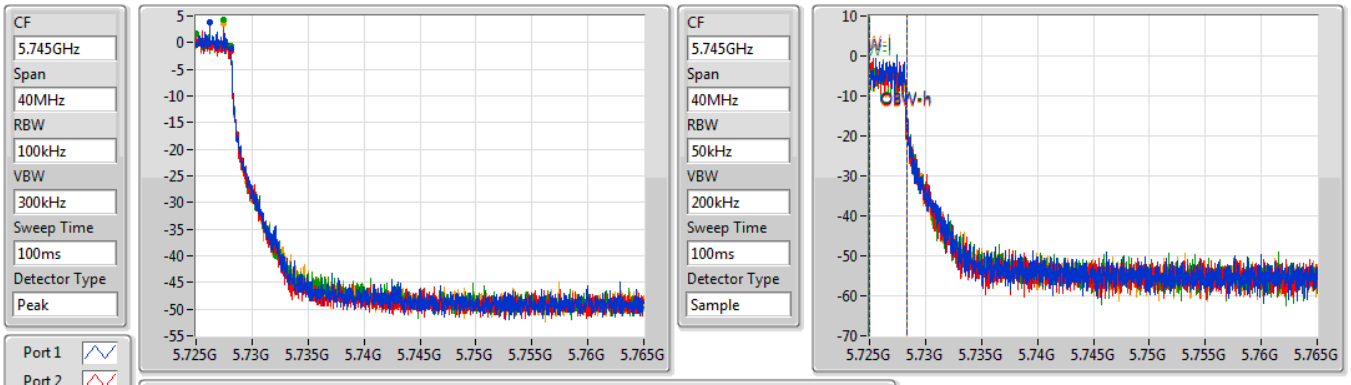


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.655M	5.710345G	5.725G	13.178M	5.711739G	5.724918G	Inf	1
14.685M	5.710315G	5.725G	13.193M	5.711739G	5.724933G	Inf	2
14.7M	5.7103G	5.725G	13.193M	5.711739G	5.724933G	Inf	3
14.685M	5.710315G	5.725G	13.223M	5.711709G	5.724933G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2019

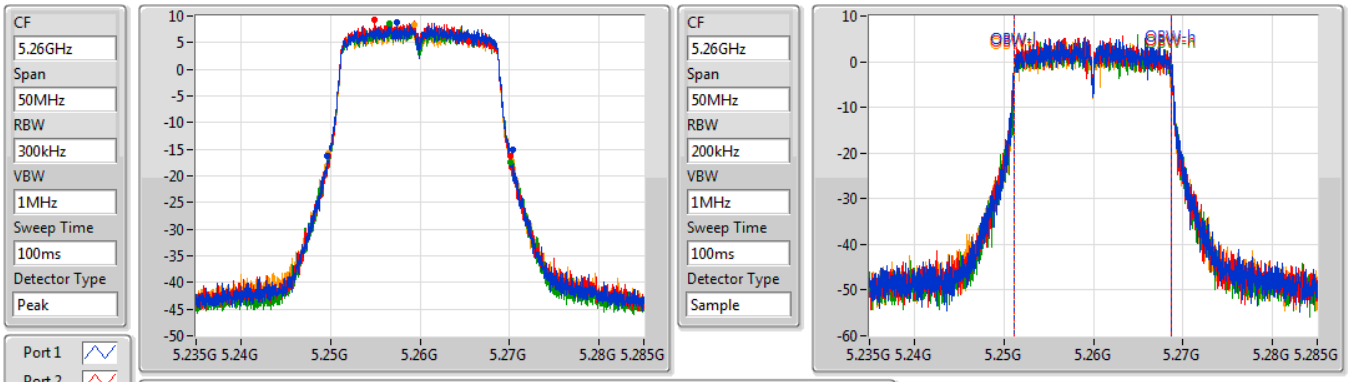


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.318M	5.72501G	5.728328G	500k	1
3.12M	5.725G	5.72812G	3.358M	5.72501G	5.728368G	500k	2
3.12M	5.725G	5.72812G	3.358M	5.72501G	5.728368G	500k	3
3.12M	5.725G	5.72812G	3.378M	5.72501G	5.728388G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

17/06/2019

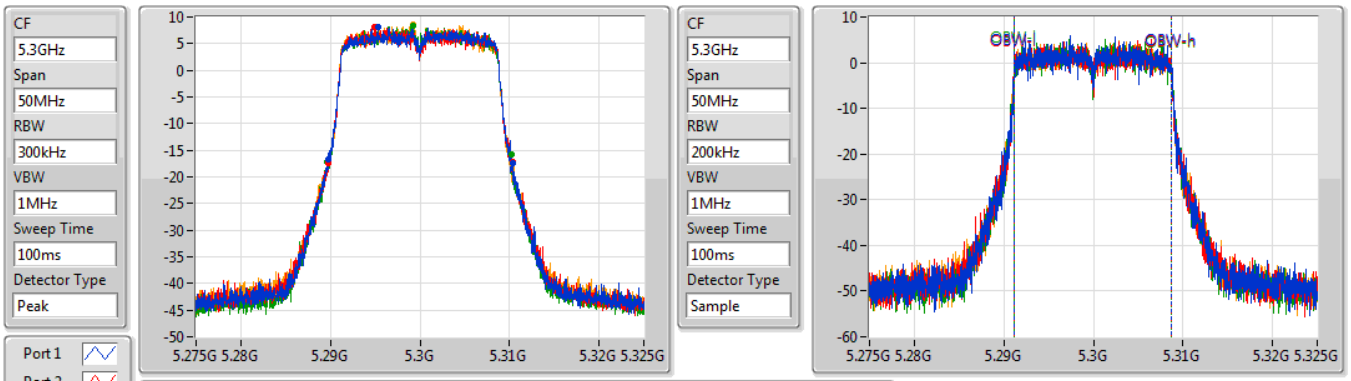


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.249675G	5.270375G	17.566M	5.251179G	5.268746G	Inf	1
20.4M	5.249725G	5.270125G	17.541M	5.251154G	5.268696G	Inf	2
20.35M	5.2498G	5.27015G	17.566M	5.251179G	5.268746G	Inf	3
20.475M	5.249725G	5.2702G	17.616M	5.251129G	5.268746G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

17/06/2019

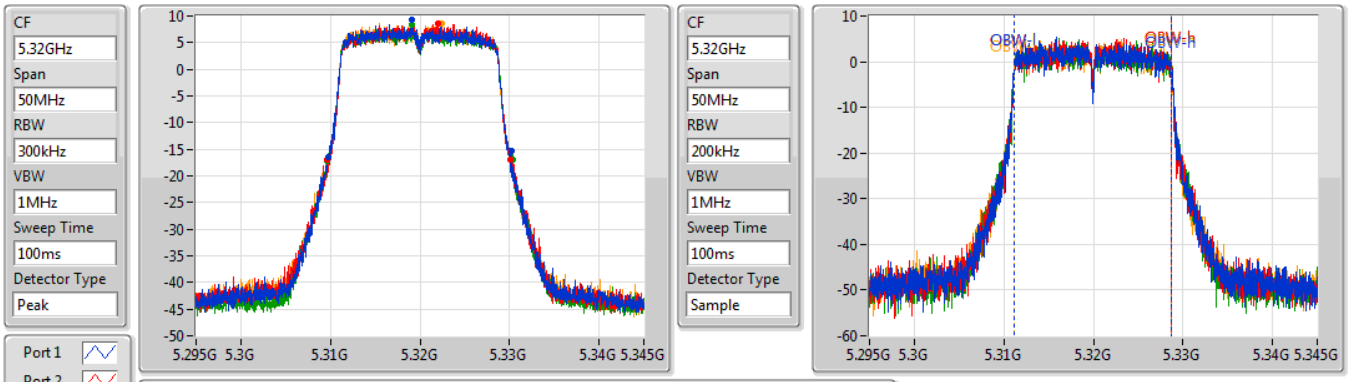


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.2897G	5.310325G	17.591M	5.291154G	5.308746G	Inf	1
20.625M	5.289725G	5.31035G	17.616M	5.291129G	5.308746G	Inf	2
20.525M	5.28965G	5.310175G	17.566M	5.291179G	5.308746G	Inf	3
20.425M	5.28975G	5.310175G	17.591M	5.291129G	5.308721G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

17/06/2019

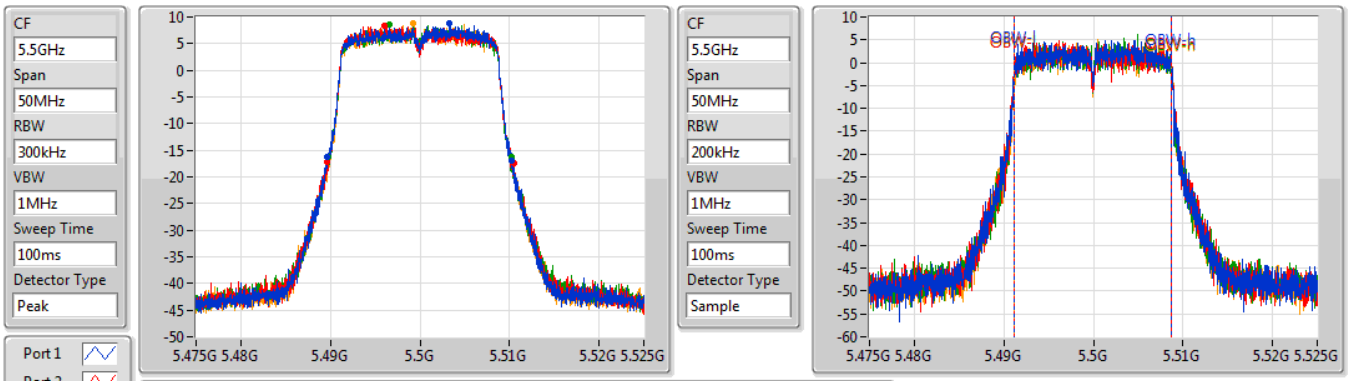


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.5M	5.309775G	5.330275G	17.591M	5.311154G	5.328746G	Inf	1
20.425M	5.309625G	5.33005G	17.541M	5.311179G	5.328721G	Inf	2
20.7M	5.30965G	5.33035G	17.591M	5.311154G	5.328746G	Inf	3
20.45M	5.309825G	5.330275G	17.591M	5.311154G	5.328746G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

17/06/2019

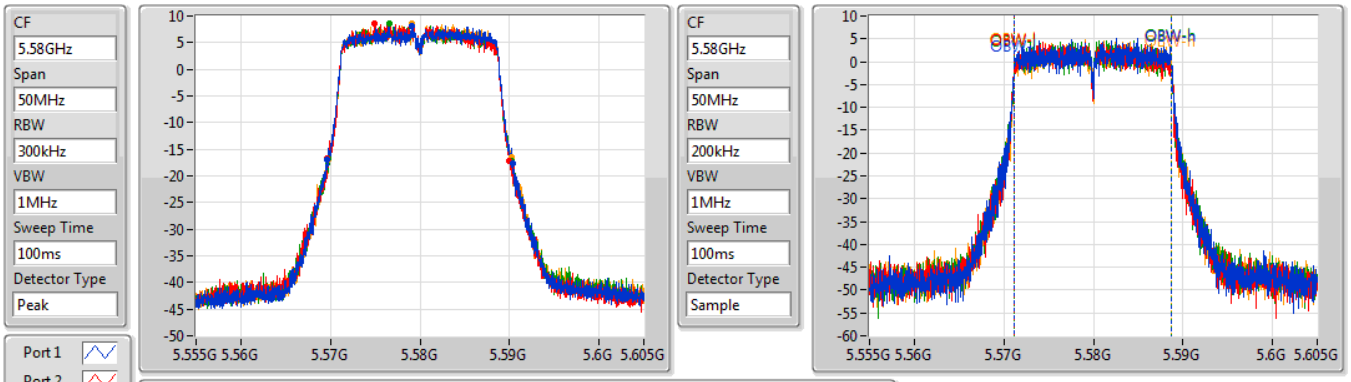


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.65M	5.48965G	5.5103G	17.566M	5.491179G	5.508746G	Inf	1
20.775M	5.489675G	5.51045G	17.616M	5.491154G	5.508771G	Inf	2
20.45M	5.48975G	5.5102G	17.591M	5.491154G	5.508746G	Inf	3
20.425M	5.489775G	5.5102G	17.591M	5.491179G	5.508771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

17/06/2019

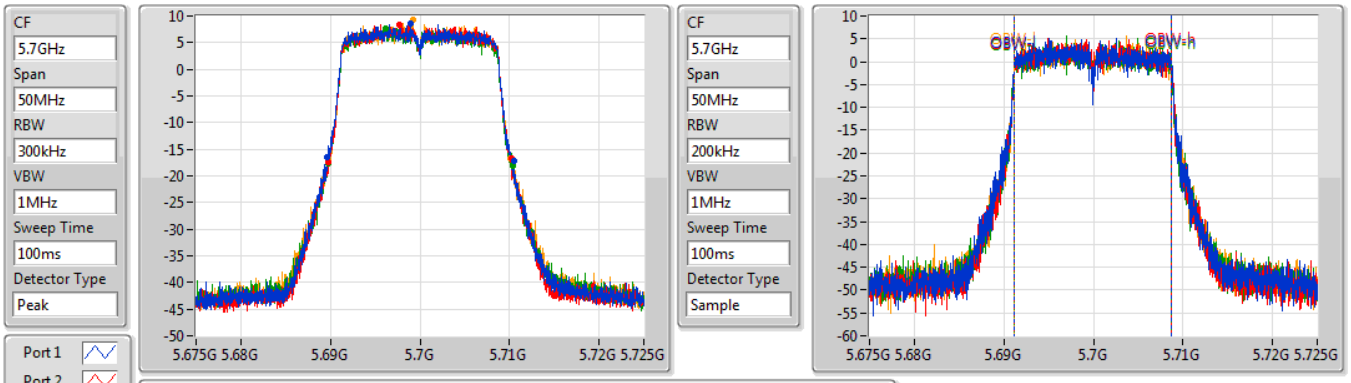


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.8M	5.5696G	5.5904G	17.591M	5.571154G	5.588746G	Inf	1
20.375M	5.56965G	5.590025G	17.591M	5.571154G	5.588746G	Inf	2
20.5M	5.569775G	5.590275G	17.566M	5.571154G	5.588721G	Inf	3
20.5M	5.569725G	5.590225G	17.616M	5.571154G	5.588771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

17/06/2019

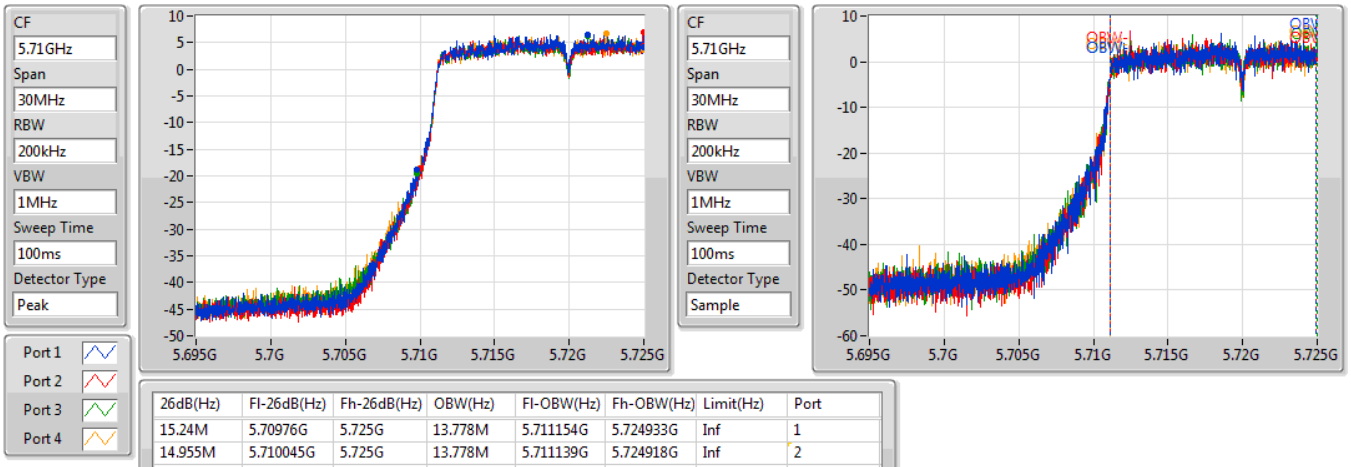


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.6896G	5.71045G	17.616M	5.691129G	5.708746G	Inf	1
20.475M	5.6897G	5.710175G	17.566M	5.691179G	5.708746G	Inf	2
20.625M	5.6897G	5.710325G	17.616M	5.691129G	5.708746G	Inf	3
20.325M	5.689825G	5.71015G	17.591M	5.691154G	5.708746G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

17/06/2019

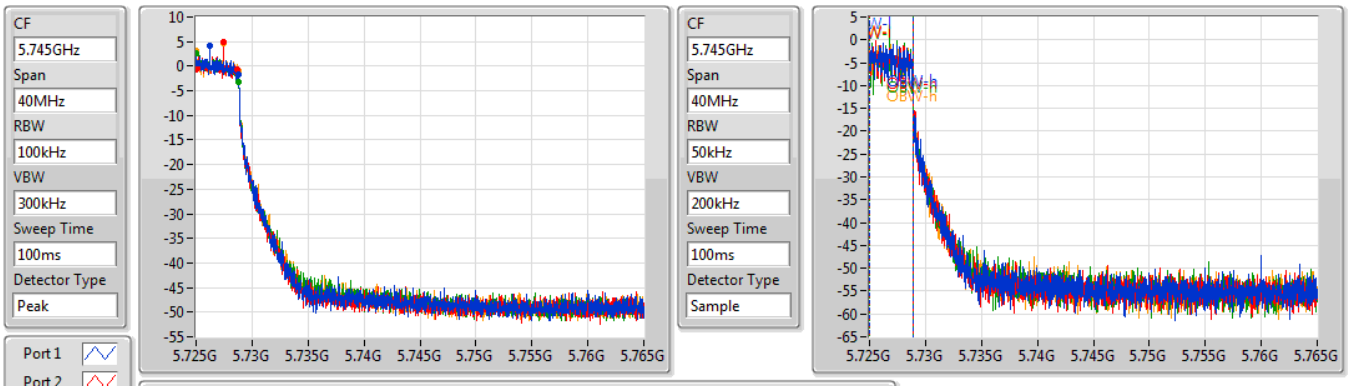


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.24M	5.70976G	5.725G	13.778M	5.711154G	5.724933G	Inf	1
14.955M	5.710045G	5.725G	13.778M	5.711139G	5.724918G	Inf	2
15.18M	5.70982G	5.725G	13.838M	5.711124G	5.724963G	Inf	3
15.015M	5.709985G	5.725G	13.808M	5.711139G	5.724948G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2019

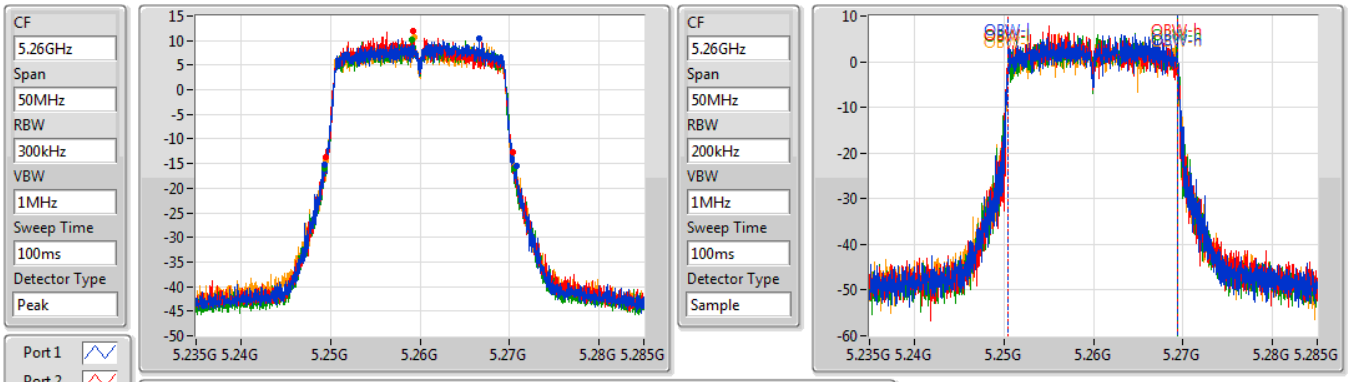


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	3.878M	5.72501G	5.728888G	500k	1
3.72M	5.725G	5.72872G	3.898M	5.72501G	5.728908G	500k	2
3.78M	5.725G	5.72878G	3.878M	5.72503G	5.728908G	500k	3
3.74M	5.725G	5.72874G	3.938M	5.72501G	5.728948G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

17/06/2019

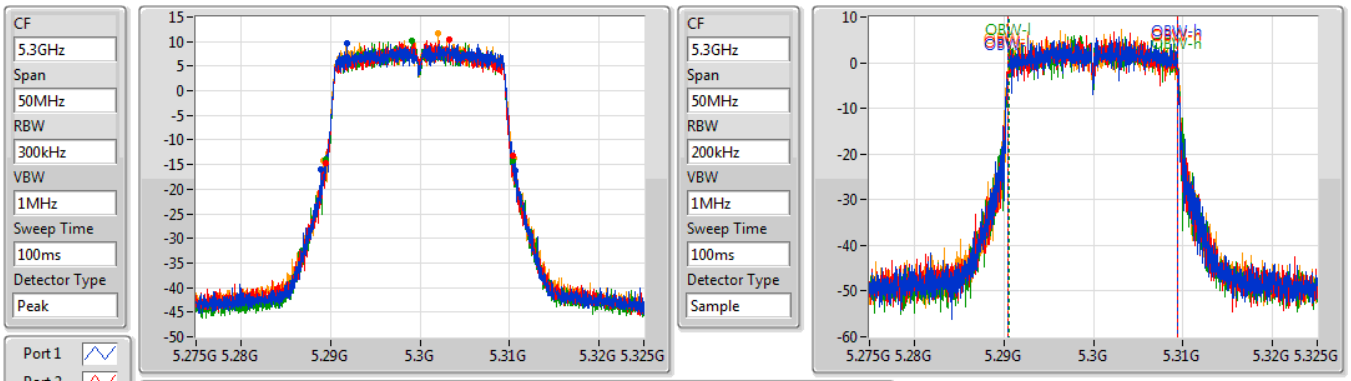


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.425M	5.249325G	5.27075G	18.891M	5.250505G	5.269395G	Inf	1
20.875M	5.249475G	5.27035G	18.916M	5.25048G	5.269395G	Inf	2
21.1M	5.2494G	5.2705G	18.891M	5.250505G	5.269395G	Inf	3
21.175M	5.249425G	5.2706G	18.941M	5.25048G	5.26942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

17/06/2019

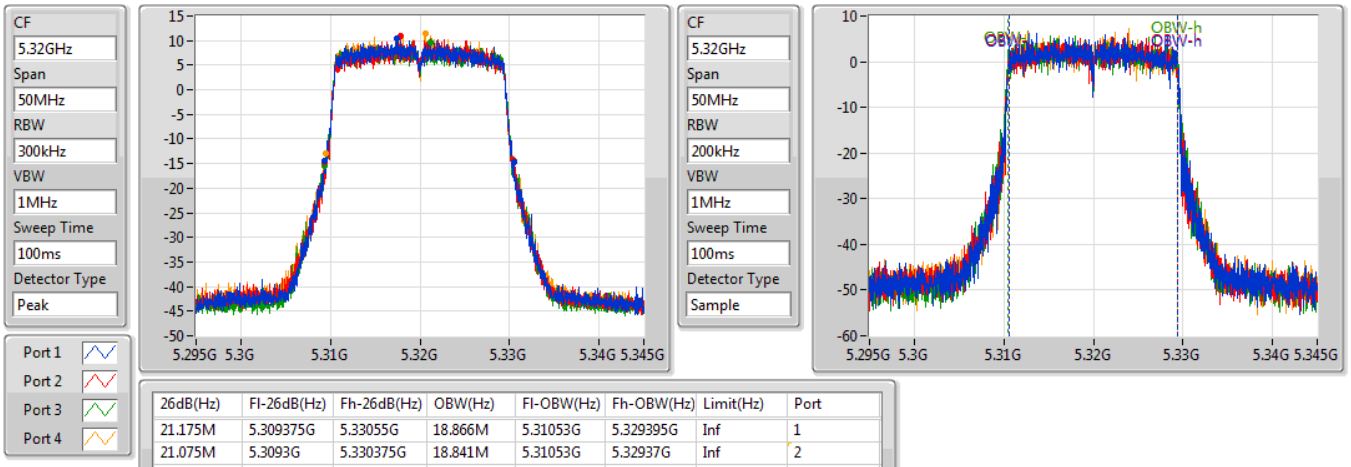


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.288975G	5.310675G	18.891M	5.290505G	5.309395G	Inf	1
20.875M	5.2895G	5.310375G	18.891M	5.290505G	5.309395G	Inf	2
20.925M	5.28945G	5.310375G	18.866M	5.29053G	5.309395G	Inf	3
21.275M	5.289175G	5.31045G	18.966M	5.290455G	5.30942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

17/06/2019

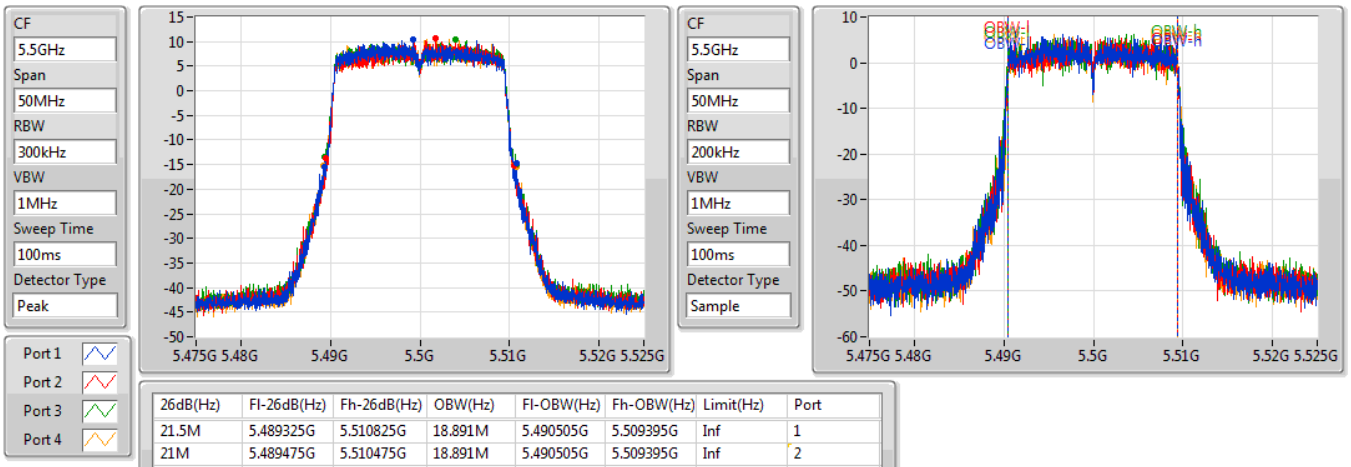


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.309375G	5.33055G	18.866M	5.31053G	5.329395G	Inf	1
21.075M	5.3093G	5.330375G	18.841M	5.31053G	5.32937G	Inf	2
21.15M	5.309325G	5.330475G	18.891M	5.31048G	5.32937G	Inf	3
21.025M	5.309425G	5.33045G	18.891M	5.310505G	5.329395G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

17/06/2019

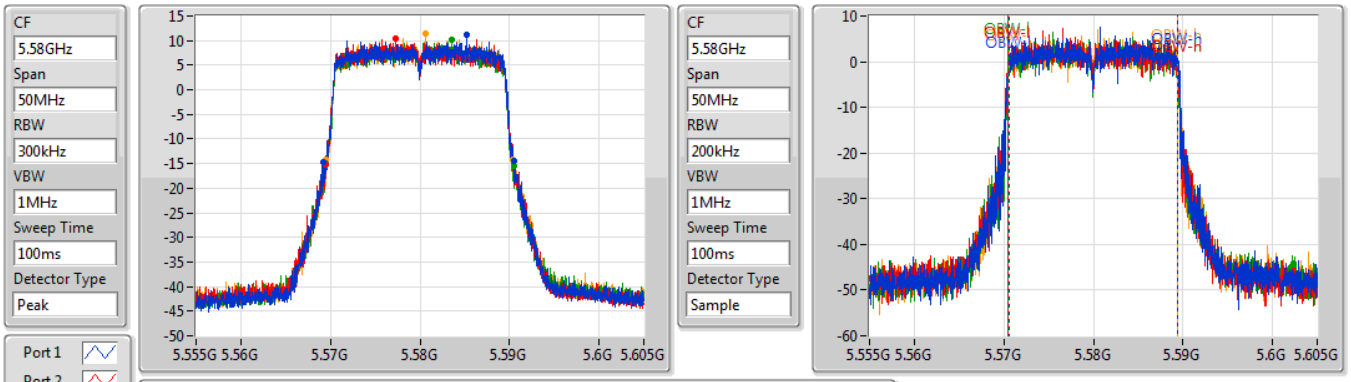


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.489325G	5.510825G	18.891M	5.490505G	5.509395G	Inf	1
21M	5.489475G	5.510475G	18.891M	5.490505G	5.509395G	Inf	2
21.375M	5.489375G	5.51075G	18.916M	5.49048G	5.509395G	Inf	3
21.5M	5.489275G	5.510775G	18.916M	5.490505G	5.50942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

17/06/2019

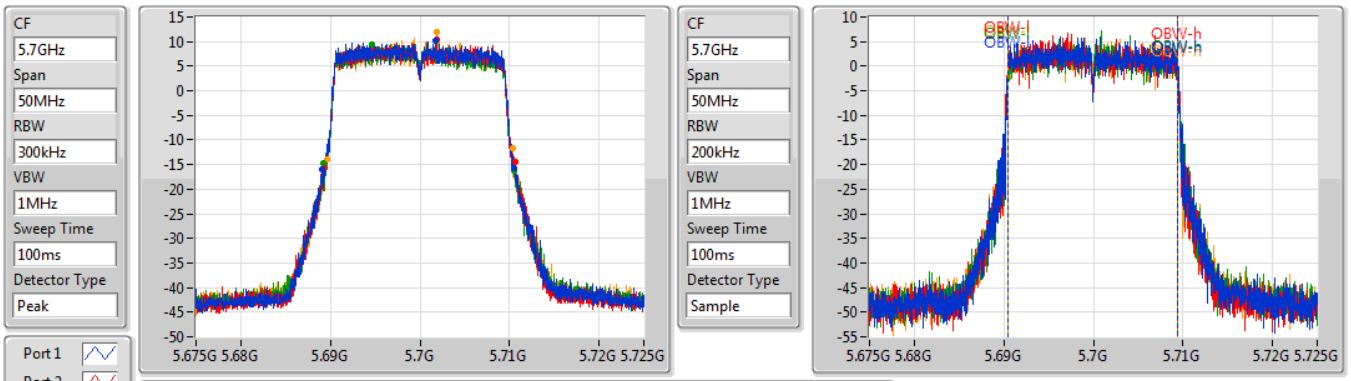


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.569225G	5.590525G	18.916M	5.57053G	5.589445G	Inf	1
21.025M	5.5695G	5.590525G	18.941M	5.57048G	5.58942G	Inf	2
21.1M	5.56945G	5.59055G	18.891M	5.570505G	5.589395G	Inf	3
20.875M	5.56955G	5.590425G	18.891M	5.57053G	5.58942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

17/06/2019

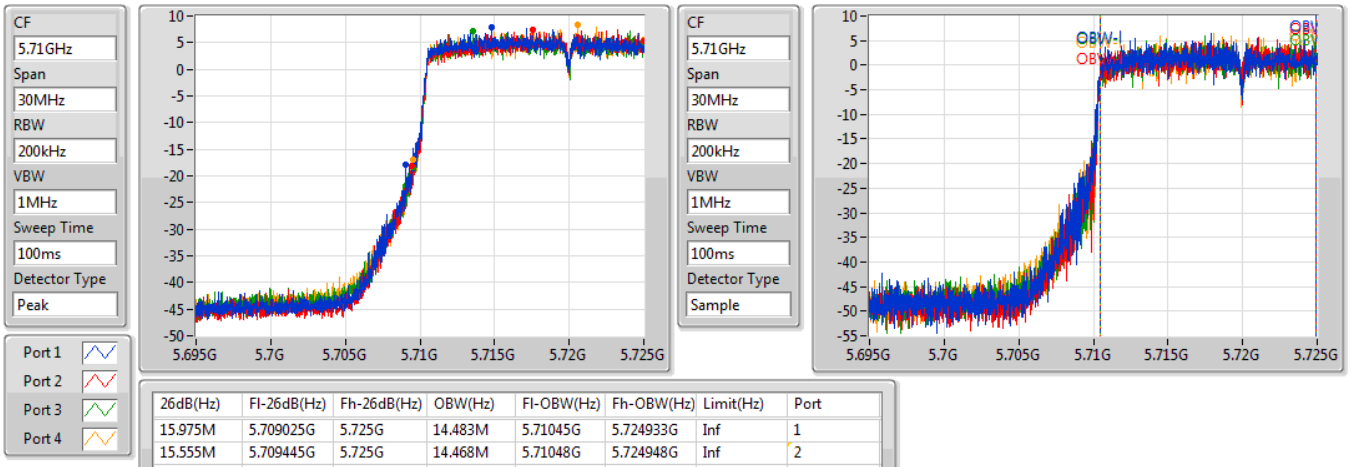


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.689125G	5.710575G	18.941M	5.69048G	5.70942G	Inf	1
21.3M	5.689325G	5.710625G	18.941M	5.69048G	5.70942G	Inf	2
21.35M	5.689175G	5.710525G	18.891M	5.690505G	5.709395G	Inf	3
20.725M	5.68965G	5.710375G	18.866M	5.690505G	5.70937G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

17/06/2019

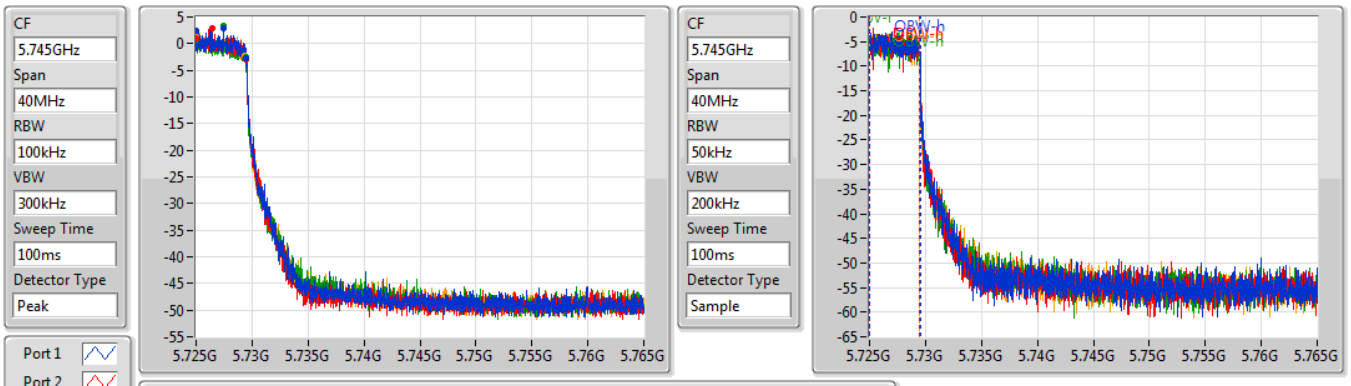


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.975M	5.709025G	5.725G	14.483M	5.71045G	5.724933G	Inf	1
15.555M	5.709445G	5.725G	14.468M	5.71048G	5.724948G	Inf	2
15.48M	5.70952G	5.725G	14.453M	5.71048G	5.724933G	Inf	3
15.45M	5.70955G	5.725G	14.468M	5.710465G	5.724933G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2019

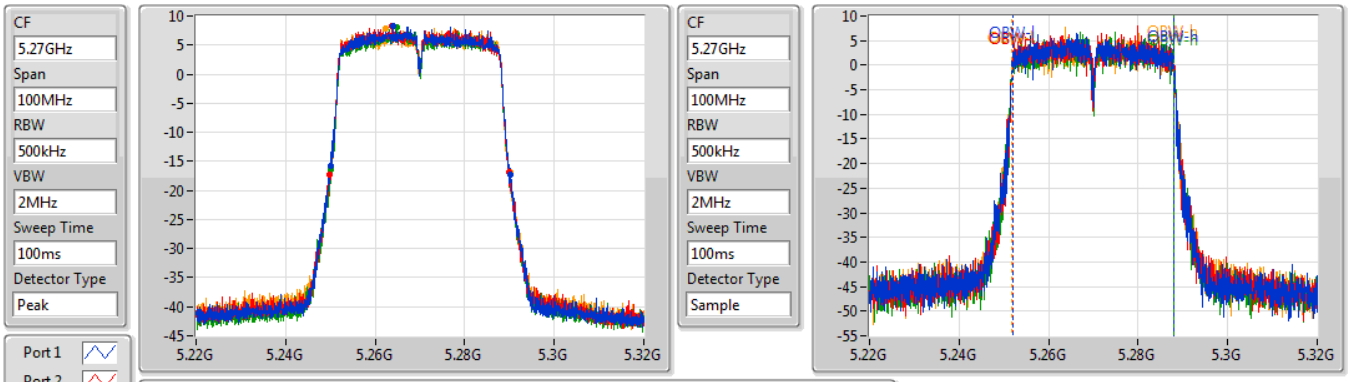


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.46M	5.725G	5.72946G	4.518M	5.72501G	5.729528G	500k	1
4.44M	5.725G	5.72944G	4.498M	5.72501G	5.729508G	500k	2
4.44M	5.725G	5.72944G	4.498M	5.72501G	5.729508G	500k	3
4.4M	5.725G	5.7294G	4.498M	5.72501G	5.729508G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

17/06/2019

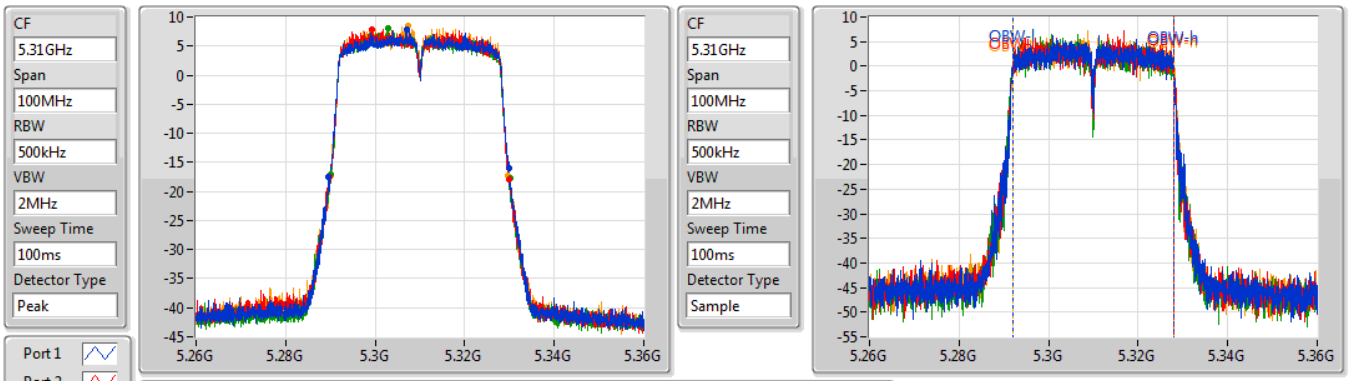


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.24995G	5.2903G	36.082M	5.251909G	5.287991G	Inf	1
40.2M	5.2498G	5.29G	36.032M	5.251909G	5.287941G	Inf	2
40.15M	5.25G	5.29015G	36.032M	5.251909G	5.287941G	Inf	3
40.3M	5.2498G	5.2901G	36.132M	5.251859G	5.287991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

17/06/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.4M	5.2896G	5.33G	36.032M	5.291909G	5.327941G	Inf	1
40.3M	5.28975G	5.33005G	36.032M	5.291909G	5.327941G	Inf	2
40.2M	5.29G	5.3302G	35.982M	5.291909G	5.327891G	Inf	3
39.75M	5.29G	5.32975G	36.082M	5.291909G	5.327991G	Inf	4

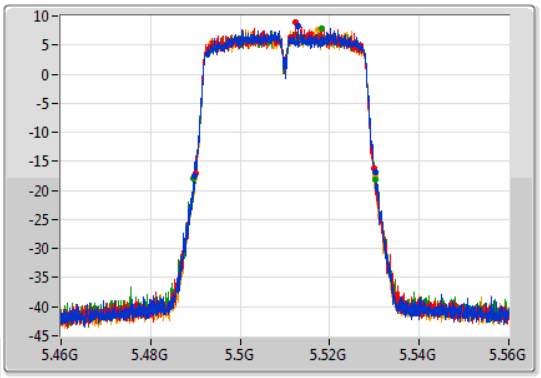
802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

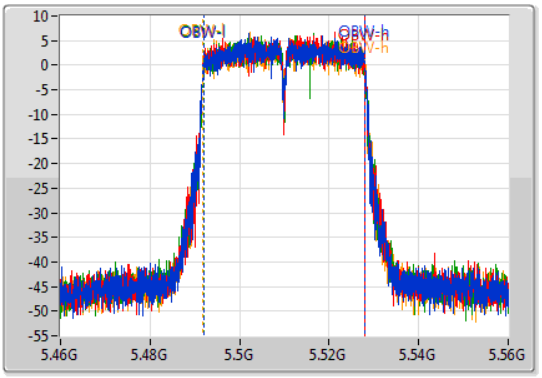
17/06/2019

CF	5.51GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak

Port 1 Port 2 Port 3 Port 4



CF	5.51GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.35M	5.4898G	5.53015G	36.032M	5.491959G	5.527991G	Inf	1
39.95M	5.49G	5.52995G	36.082M	5.491909G	5.527991G	Inf	2
40.6M	5.48965G	5.53025G	36.032M	5.491959G	5.527991G	Inf	3
40.35M	5.4899G	5.53025G	36.132M	5.491859G	5.527991G	Inf	4

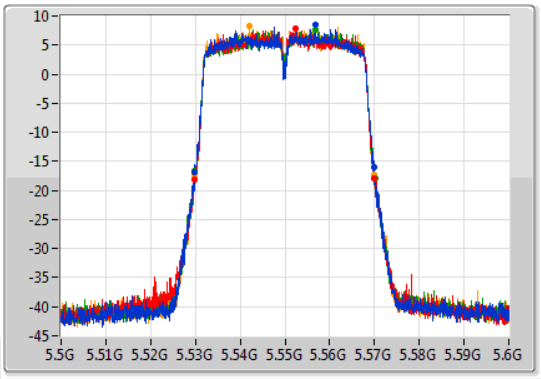
802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

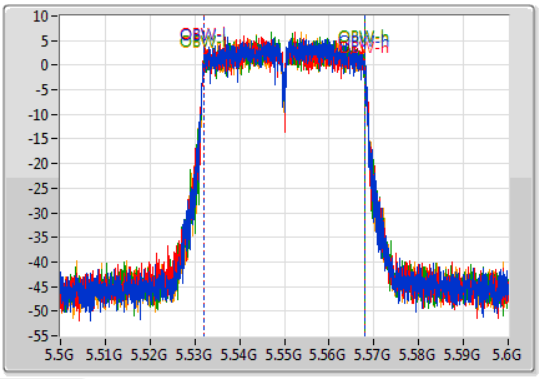
17/06/2019

CF	5.55GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak

Port 1 Port 2 Port 3 Port 4



CF	5.55GHz
Span	100MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample

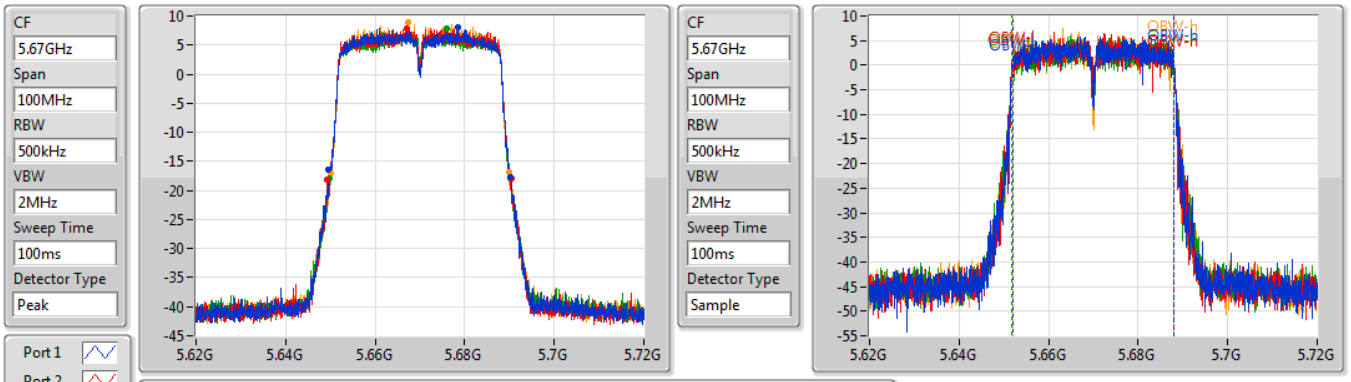


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.52985G	5.5699G	36.032M	5.531909G	5.567941G	Inf	1
40.25M	5.5298G	5.57005G	36.082M	5.531909G	5.567991G	Inf	2
40.35M	5.52985G	5.5702G	36.082M	5.531909G	5.567991G	Inf	3
39.95M	5.52985G	5.5698G	36.082M	5.531909G	5.567991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

17/06/2019

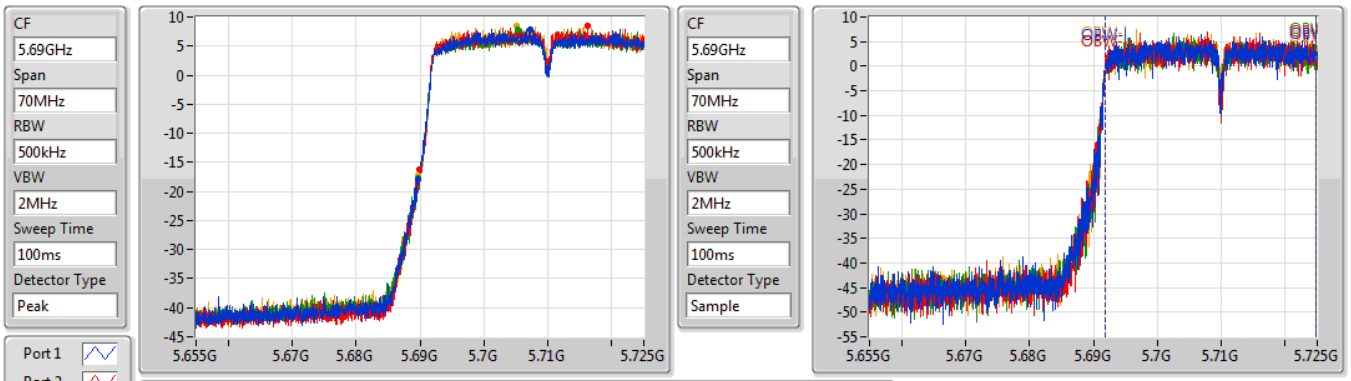


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.64965G	5.6903G	36.082M	5.651909G	5.687991G	Inf	1
41.2M	5.6493G	5.6905G	36.032M	5.651959G	5.687991G	Inf	2
40.4M	5.6498G	5.6902G	36.182M	5.651859G	5.688041G	Inf	3
39.9M	5.6501G	5.69G	36.082M	5.651959G	5.688041G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/06/2019



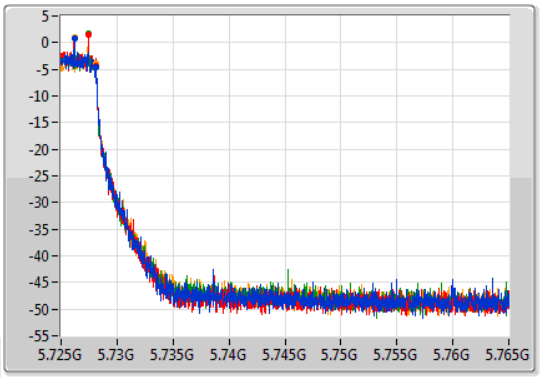
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.385M	5.689615G	5.725G	32.954M	5.691854G	5.724808G	Inf	1
35.14M	5.68986G	5.725G	32.919M	5.691889G	5.724808G	Inf	2
35.385M	5.689615G	5.725G	32.884M	5.691889G	5.724773G	Inf	3
35.28M	5.68972G	5.725G	32.884M	5.691924G	5.724808G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

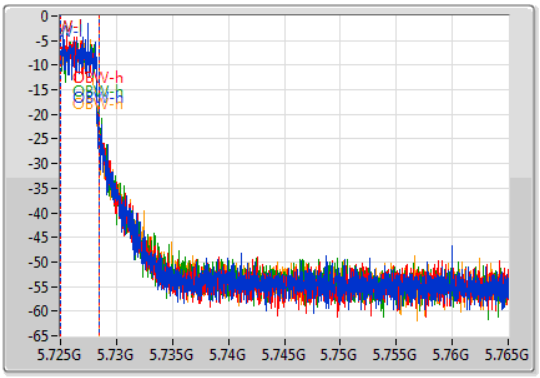
5710MHz Straddle 5.725-5.85GHz

17/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

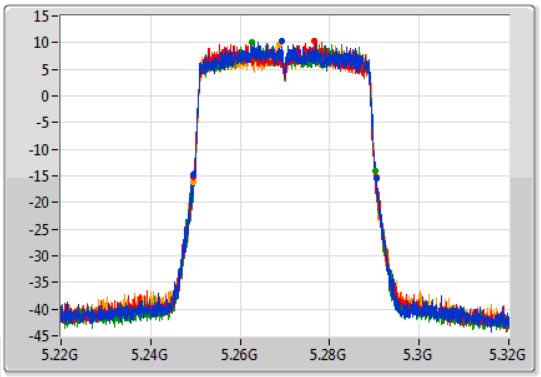
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.398M	5.72501G	5.728408G	500k	1
3.12M	5.725G	5.72812G	3.438M	5.72501G	5.728448G	500k	2
3.12M	5.725G	5.72812G	3.418M	5.72501G	5.728428G	500k	3
3.12M	5.725G	5.72812G	3.398M	5.72501G	5.728408G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

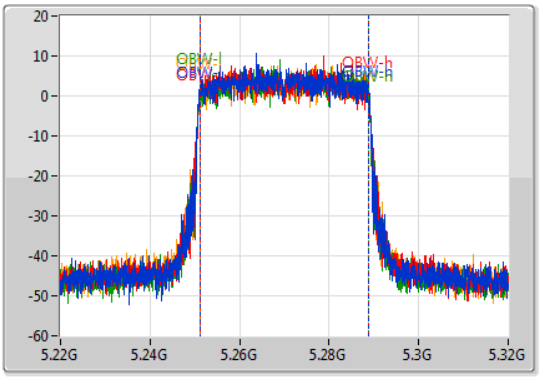
5270MHz

17/06/2019

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



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



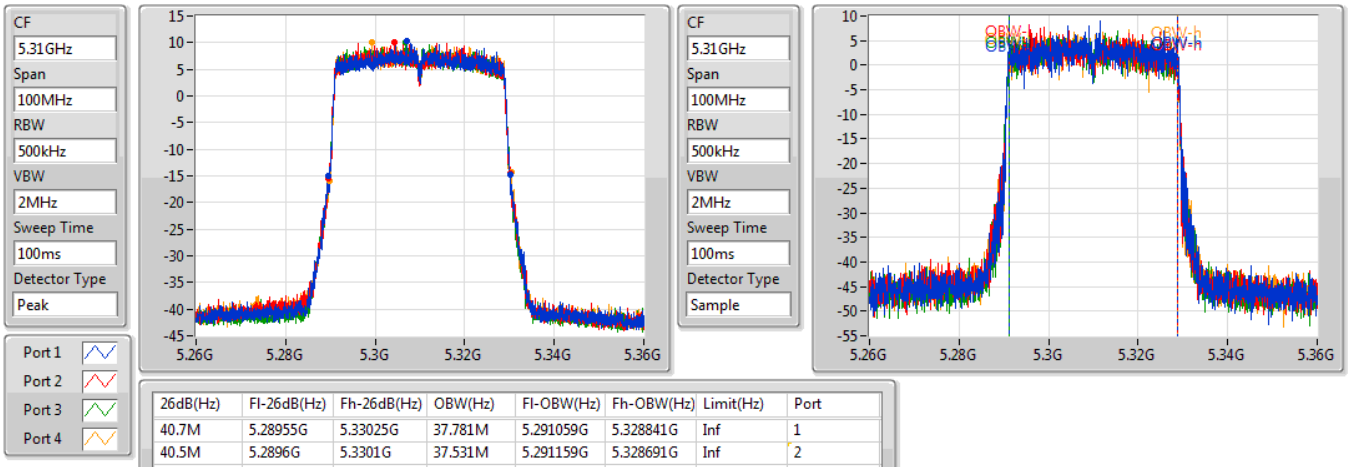
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.9M	5.2496G	5.2905G	37.631M	5.251109G	5.288741G	Inf	1
40.7M	5.24965G	5.29035G	37.581M	5.251159G	5.288741G	Inf	2
40.6M	5.24965G	5.29025G	37.631M	5.251109G	5.288741G	Inf	3
40.95M	5.2495G	5.29045G	37.631M	5.251159G	5.288791G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

17/06/2019

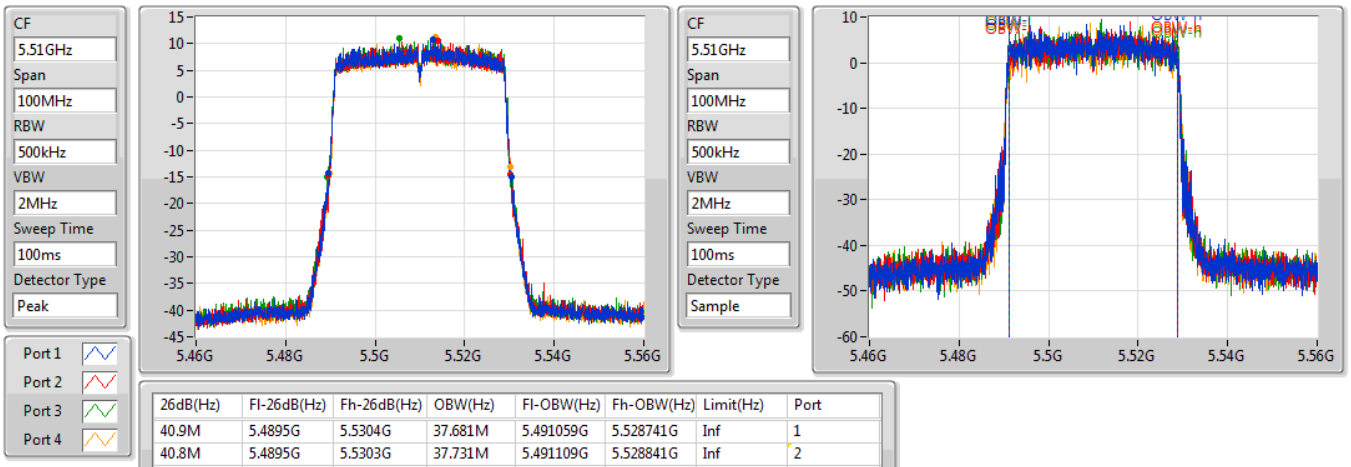


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.7M	5.28955G	5.33025G	37.781M	5.291059G	5.328841G	Inf	1
40.5M	5.2896G	5.3301G	37.531M	5.291159G	5.328691G	Inf	2
40.8M	5.28945G	5.33025G	37.631M	5.291109G	5.328741G	Inf	3
40.6M	5.28975G	5.33035G	37.681M	5.291059G	5.328741G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

17/06/2019

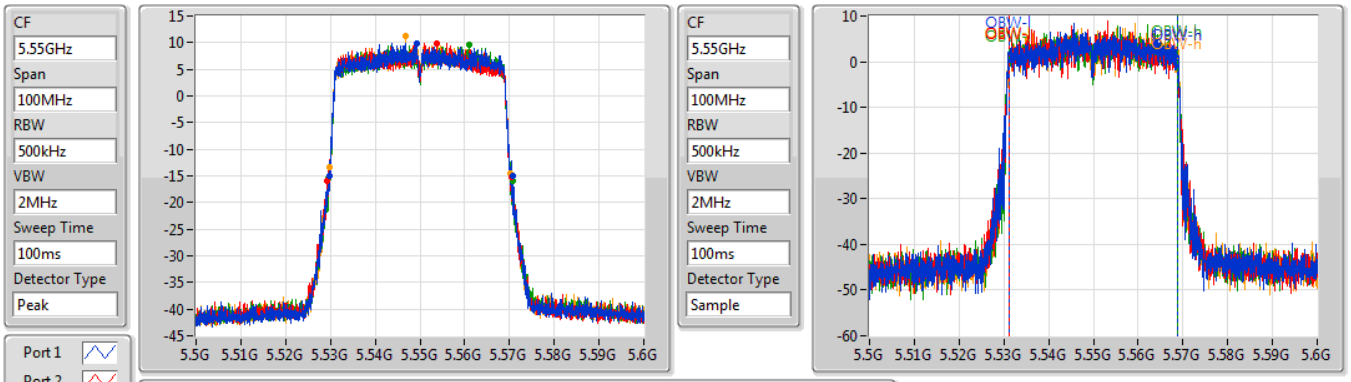


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.9M	5.4895G	5.5304G	37.681M	5.491059G	5.528741G	Inf	1
40.8M	5.4895G	5.5303G	37.731M	5.491109G	5.528841G	Inf	2
41.1M	5.48935G	5.53045G	37.831M	5.491059G	5.528891G	Inf	3
40.4M	5.4898G	5.5302G	37.731M	5.491059G	5.528791G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

17/06/2019

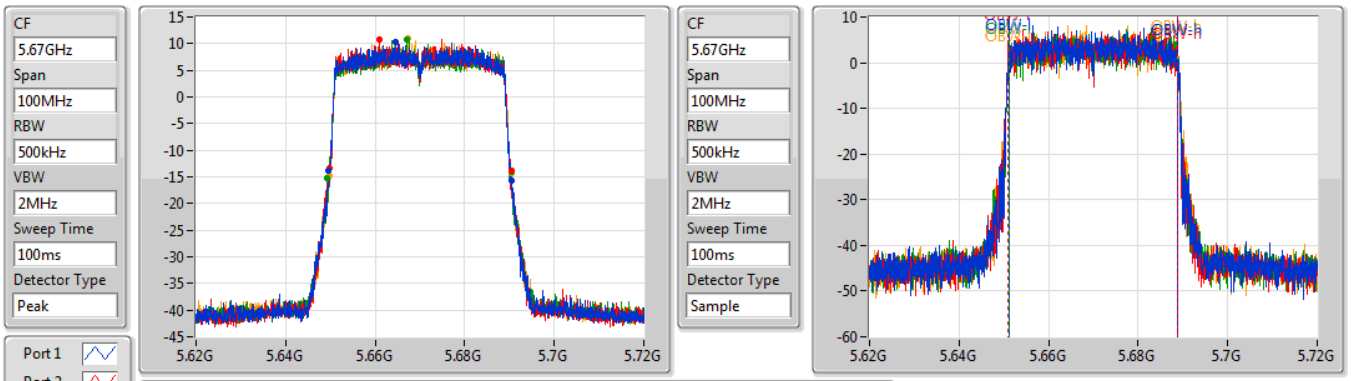


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.85M	5.5298G	5.57065G	37.681M	5.531109G	5.568791G	Inf	1
41.2M	5.52925G	5.57045G	37.731M	5.531059G	5.568791G	Inf	2
41.25M	5.5296G	5.57085G	37.681M	5.531109G	5.568791G	Inf	3
40.4M	5.5297G	5.5701G	37.731M	5.531109G	5.568841G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

17/06/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.05M	5.6495G	5.69055G	37.731M	5.651109G	5.688841G	Inf	1
40.85M	5.6497G	5.69055G	37.781M	5.651009G	5.688791G	Inf	2
41.15M	5.64935G	5.6905G	37.781M	5.651059G	5.688841G	Inf	3
40.8M	5.6497G	5.6905G	37.731M	5.651109G	5.688841G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

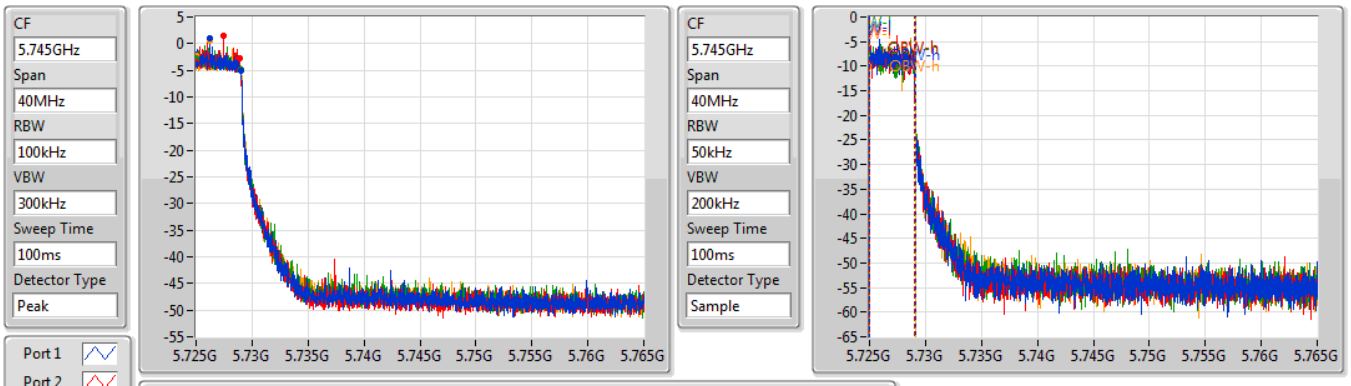
17/06/2019

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.63M	5.68937G	5.725G	33.688M	5.691084G	5.724773G	Inf	1
35.35M	5.68965G	5.725G	33.723M	5.691049G	5.724773G	Inf	2
35.63M	5.68937G	5.725G	33.688M	5.691084G	5.724773G	Inf	3
35.525M	5.689475G	5.725G	33.723M	5.691119G	5.724843G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/06/2019



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	4.058M	5.72501G	5.729068G	500k	1
3.9M	5.725G	5.7289G	4.038M	5.72501G	5.729048G	500k	2
3.98M	5.725G	5.72898G	4.038M	5.72501G	5.729048G	500k	3
4.02M	5.725G	5.72902G	4.058M	5.72503G	5.729088G	500k	4

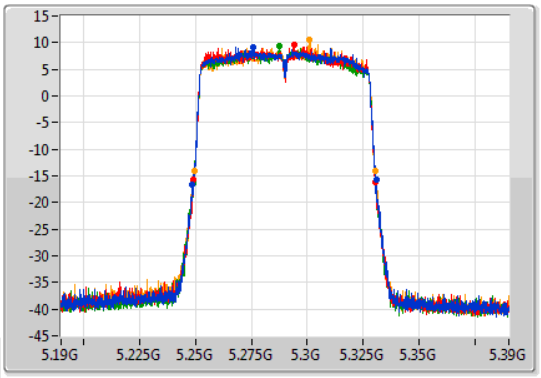
802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

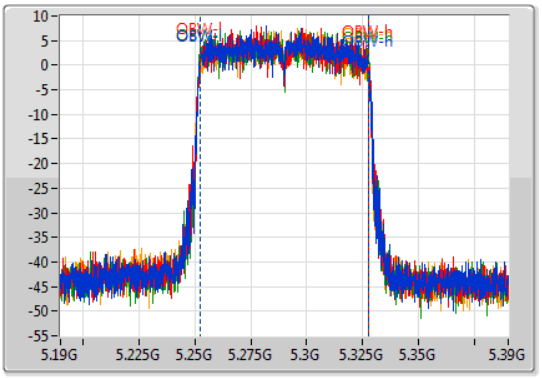
17/06/2019

CF	5.29GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.29GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.2486G	5.331G	75.262M	5.252219G	5.327481G	Inf	1
81.4M	5.2492G	5.3306G	75.262M	5.252319G	5.327581G	Inf	2
81.7M	5.2489G	5.3306G	75.362M	5.252119G	5.327481G	Inf	3
80.6M	5.2497G	5.3303G	75.462M	5.252219G	5.327681G	Inf	4

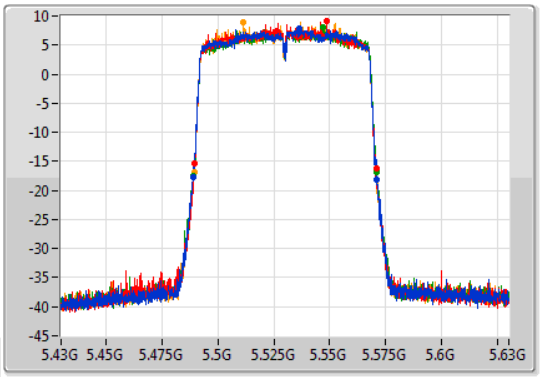
802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

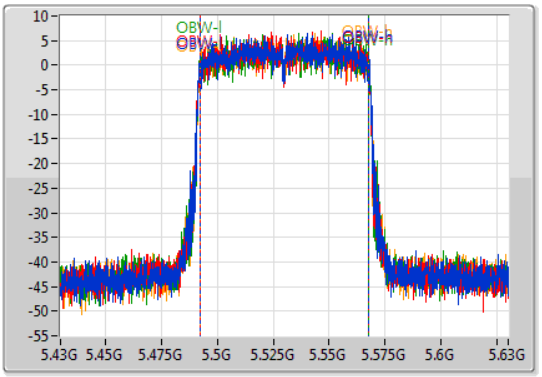
17/06/2019

CF	5.53GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.53GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample

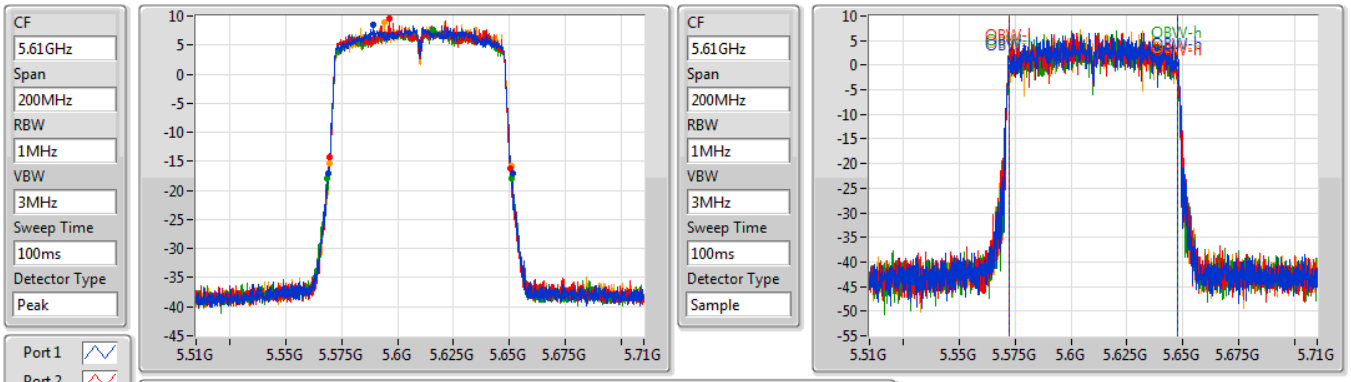


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.4888G	5.5712G	75.462M	5.492219G	5.567681G	Inf	1
81.5M	5.4894G	5.5709G	75.262M	5.492319G	5.567581G	Inf	2
81.9M	5.489G	5.5709G	75.462M	5.492319G	5.567781G	Inf	3
81.3M	5.4895G	5.5708G	75.362M	5.492219G	5.567581G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

17/06/2019

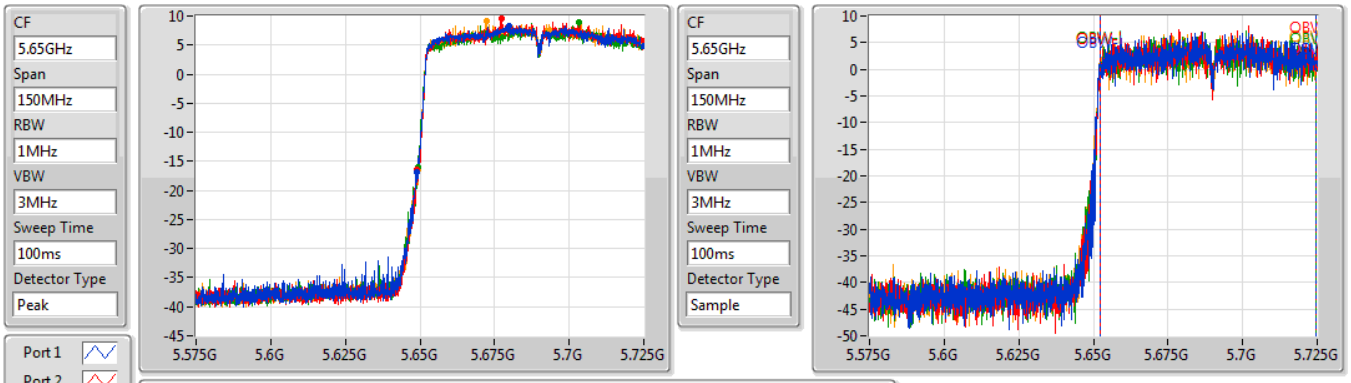


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.569G	5.6513G	75.562M	5.572119G	5.647681G	Inf	1
81M	5.5695G	5.6505G	75.362M	5.572119G	5.647481G	Inf	2
82.4M	5.5684G	5.6508G	75.462M	5.572119G	5.647581G	Inf	3
81.3M	5.5696G	5.6509G	75.462M	5.572219G	5.647681G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

17/06/2019

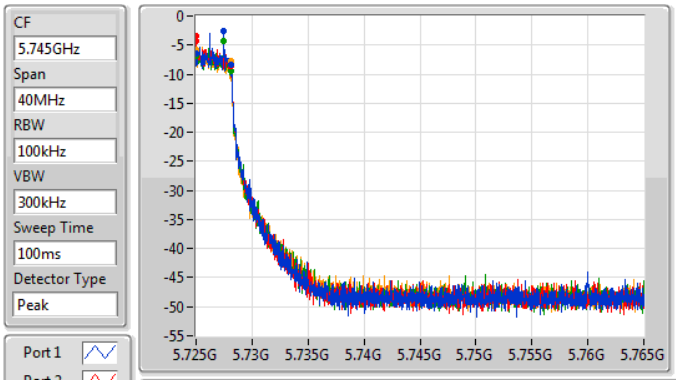


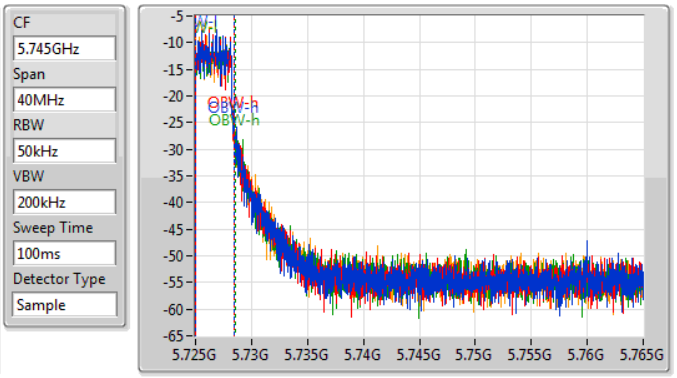
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	72.264M	5.652174G	5.724438G	Inf	1
75.975M	5.649025G	5.725G	72.264M	5.652324G	5.724588G	Inf	2
75.825M	5.649175G	5.725G	72.414M	5.652174G	5.724588G	Inf	3
75.675M	5.649325G	5.725G	72.264M	5.652249G	5.724513G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

17/06/2019



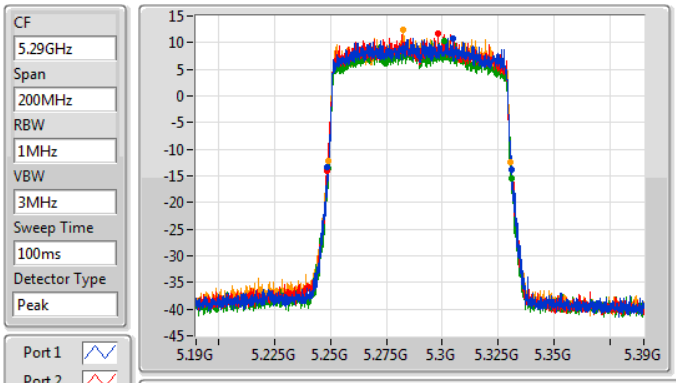


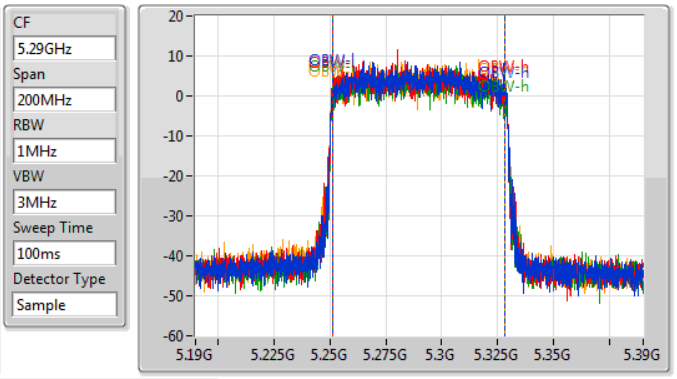
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.498M	5.72501G	5.728508G	500k	1
3.14M	5.725G	5.72814G	3.498M	5.72501G	5.728508G	500k	2
3.16M	5.725G	5.72816G	3.558M	5.72501G	5.728568G	500k	3
3.12M	5.725G	5.72812G	3.498M	5.72501G	5.728508G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

17/06/2019



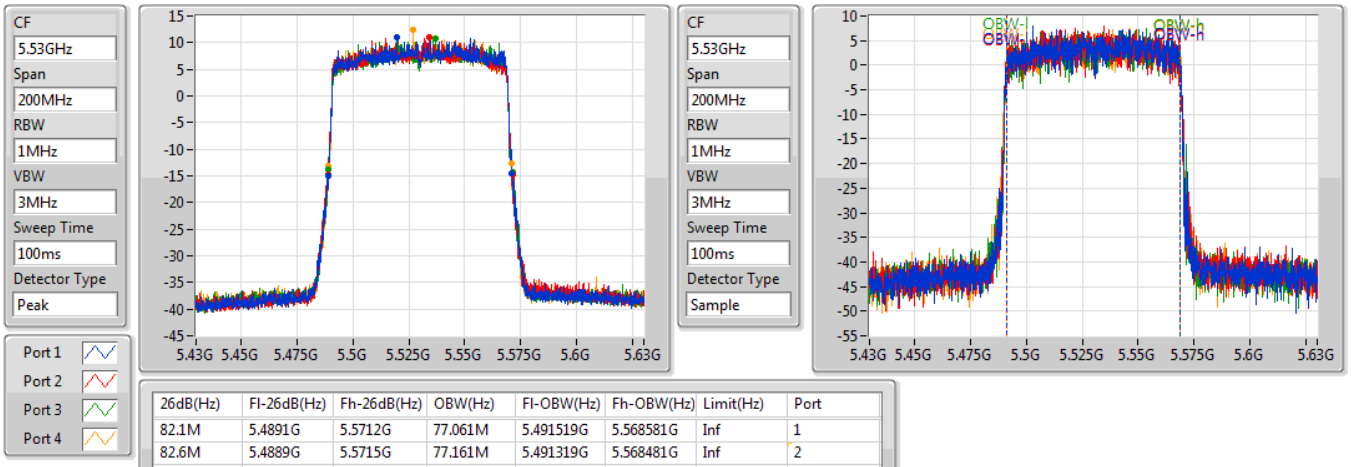


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.2487G	5.3309G	76.962M	5.251419G	5.328381G	Inf	1
82.4M	5.2486G	5.331G	76.962M	5.251319G	5.328281G	Inf	2
82M	5.2489G	5.3309G	76.962M	5.251219G	5.328181G	Inf	3
81.6M	5.249G	5.3306G	76.962M	5.251319G	5.328281G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

17/06/2019

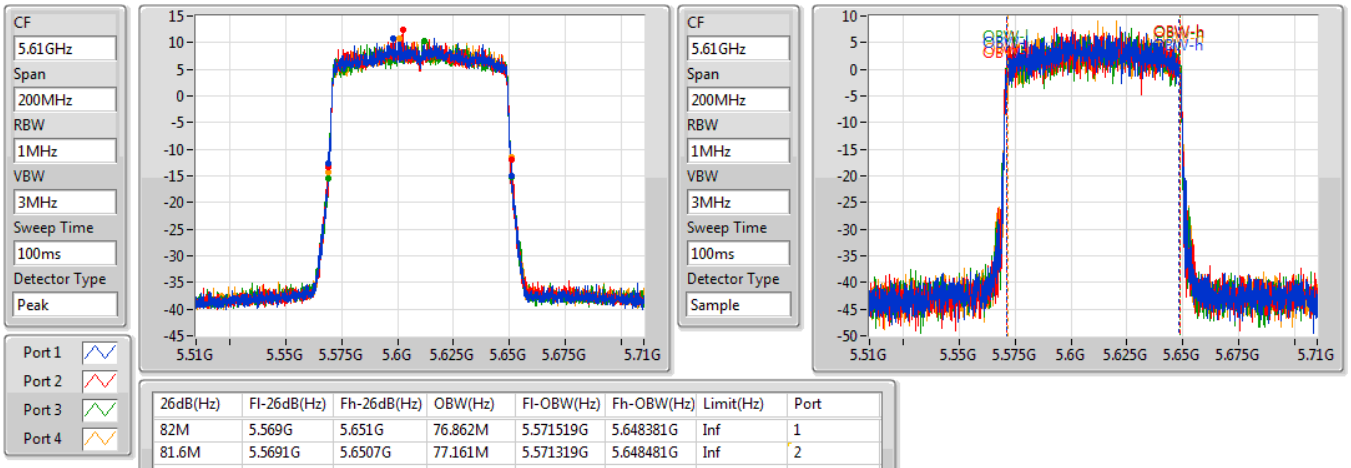


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.4891G	5.5712G	77.061M	5.491519G	5.568581G	Inf	1
82.6M	5.4889G	5.5715G	77.161M	5.491319G	5.568481G	Inf	2
82.5M	5.4889G	5.5714G	77.161M	5.491319G	5.568481G	Inf	3
81.7M	5.489G	5.5707G	77.061M	5.491519G	5.568581G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

17/06/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.569G	5.651G	76.862M	5.571519G	5.648381G	Inf	1
81.6M	5.5691G	5.6507G	77.161M	5.571319G	5.648481G	Inf	2
82.1M	5.5689G	5.651G	77.261M	5.571319G	5.648581G	Inf	3
82M	5.569G	5.651G	76.862M	5.571619G	5.648481G	Inf	4

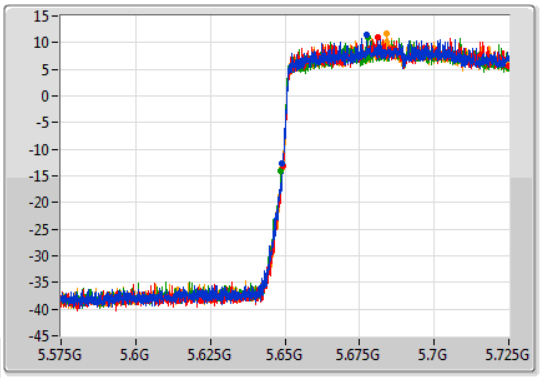
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

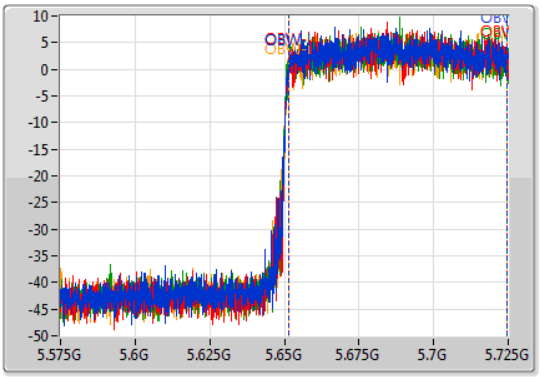
17/06/2019

CF	5.65GHz
Span	150MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.65GHz
Span	150MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	73.013M	5.651499G	5.724513G	Inf	1
75.825M	5.649175G	5.725G	72.939M	5.651499G	5.724438G	Inf	2
76.425M	5.648575G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
75.9M	5.6491G	5.725G	73.013M	5.651499G	5.724513G	Inf	4

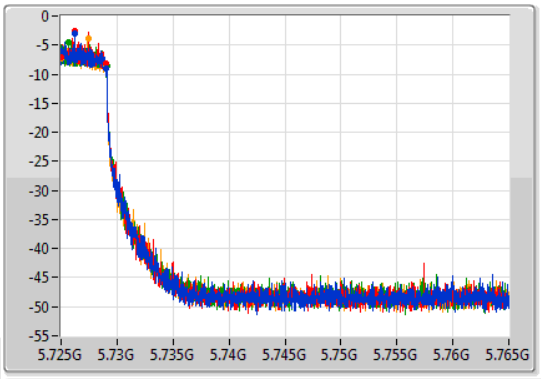
802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

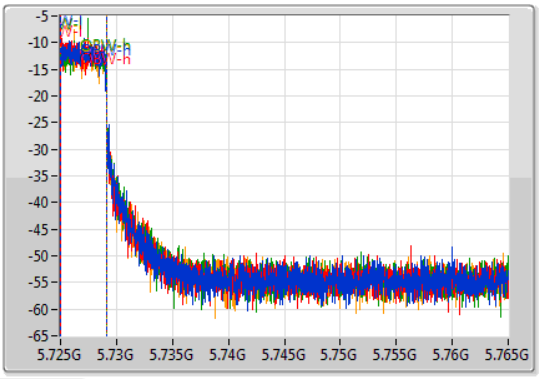
17/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample

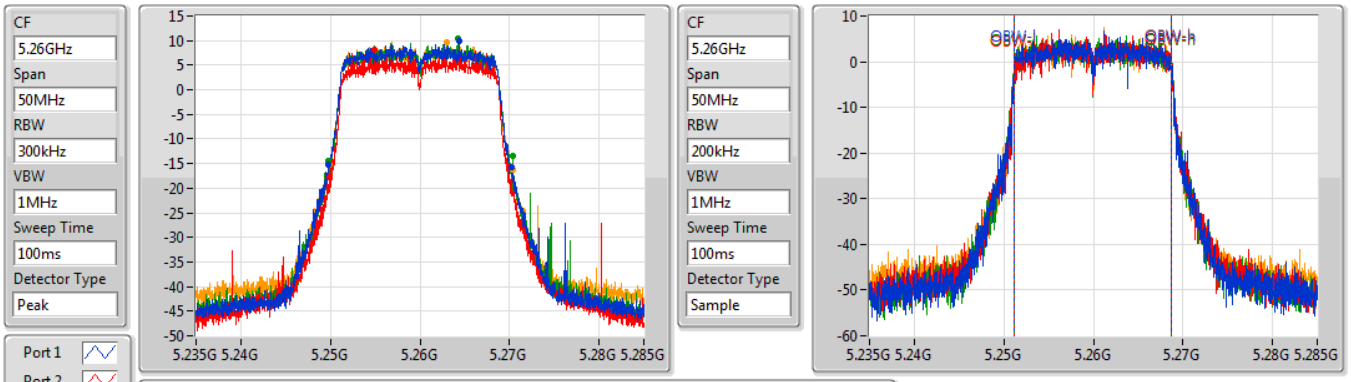


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.058M	5.72501G	5.729068G	500k	1
3.96M	5.725G	5.72896G	4.038M	5.72503G	5.729068G	500k	2
4.08M	5.725G	5.72908G	4.058M	5.72501G	5.729068G	500k	3
4.06M	5.725G	5.72906G	4.078M	5.72501G	5.729088G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

18/06/2019

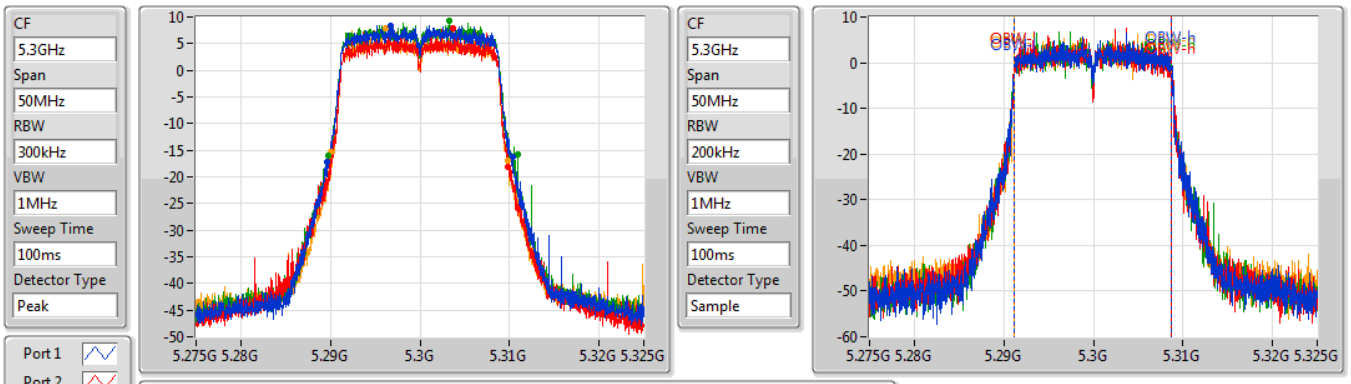


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.249725G	5.2702G	17.566M	5.251179G	5.268746G	Inf	1
20M	5.24995G	5.26995G	17.541M	5.251204G	5.268746G	Inf	2
20.525M	5.249825G	5.27035G	17.616M	5.251154G	5.268771G	Inf	3
20.475M	5.24985G	5.270325G	17.591M	5.251154G	5.268746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

18/06/2019

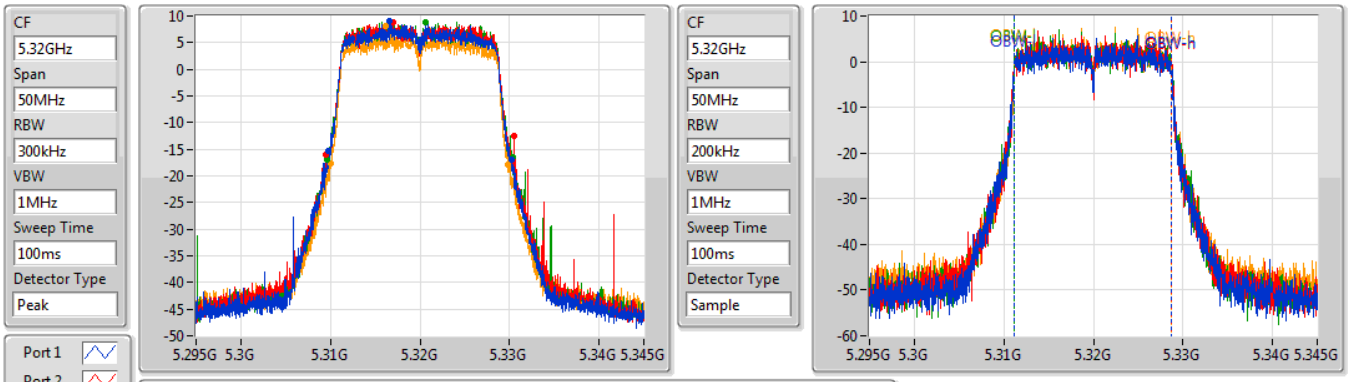


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.28965G	5.310375G	17.591M	5.291154G	5.308746G	Inf	1
19.95M	5.289925G	5.309875G	17.616M	5.291154G	5.308771G	Inf	2
21.2M	5.2897G	5.3109G	17.616M	5.291154G	5.308771G	Inf	3
19.8M	5.290075G	5.309875G	17.591M	5.291154G	5.308746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

18/06/2019

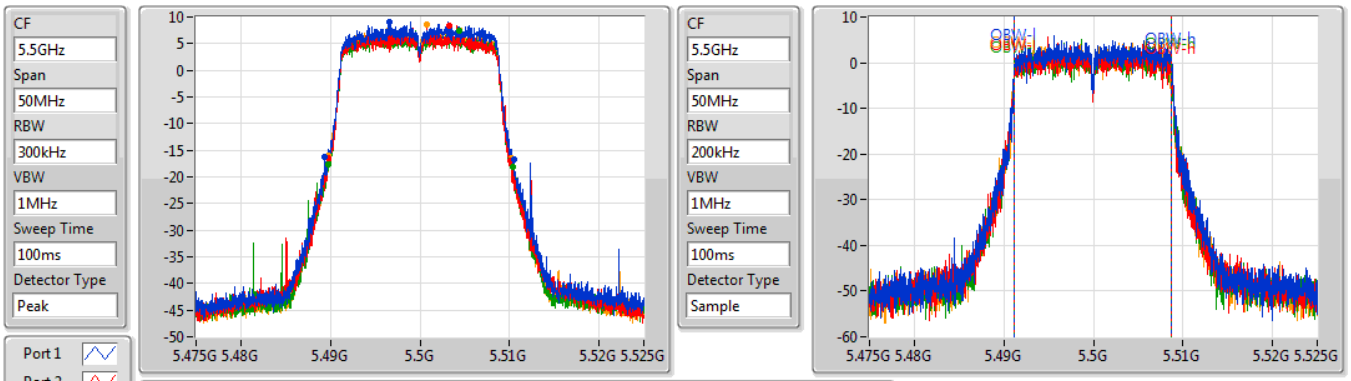


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.3097G	5.330175G	17.566M	5.311154G	5.328721G	Inf	1
21.075M	5.3095G	5.330575G	17.591M	5.311154G	5.328746G	Inf	2
20.775M	5.309575G	5.33035G	17.566M	5.311179G	5.328746G	Inf	3
19.8M	5.31005G	5.32985G	17.591M	5.311154G	5.328746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

18/06/2019

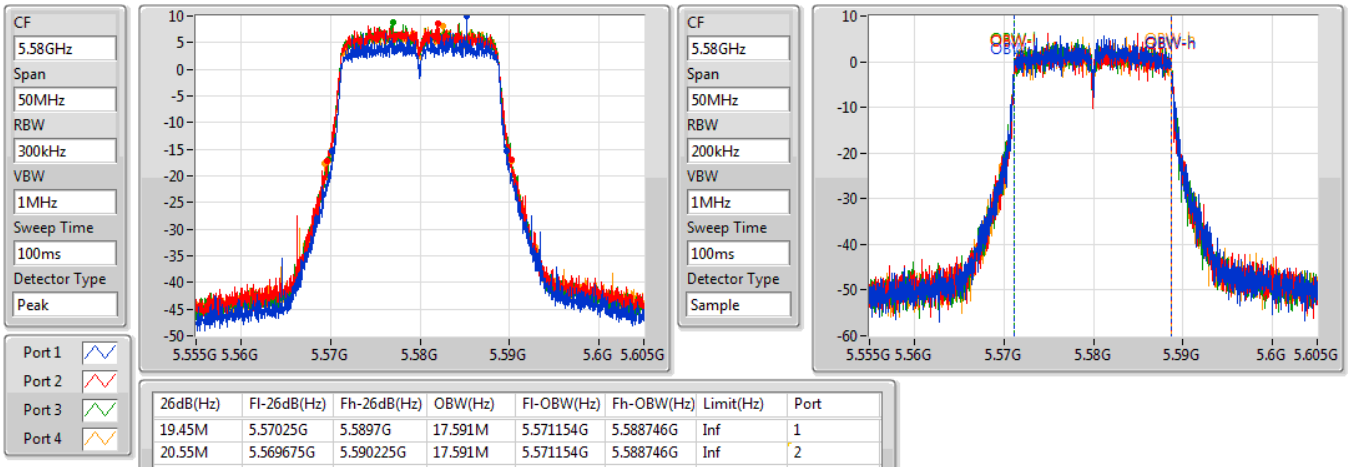


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.48935G	5.5105G	17.591M	5.491179G	5.508771G	Inf	1
20.375M	5.48975G	5.510125G	17.591M	5.491154G	5.508746G	Inf	2
20.625M	5.4897G	5.510325G	17.616M	5.491129G	5.508746G	Inf	3
20.475M	5.489725G	5.5102G	17.566M	5.491179G	5.508746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

18/06/2019

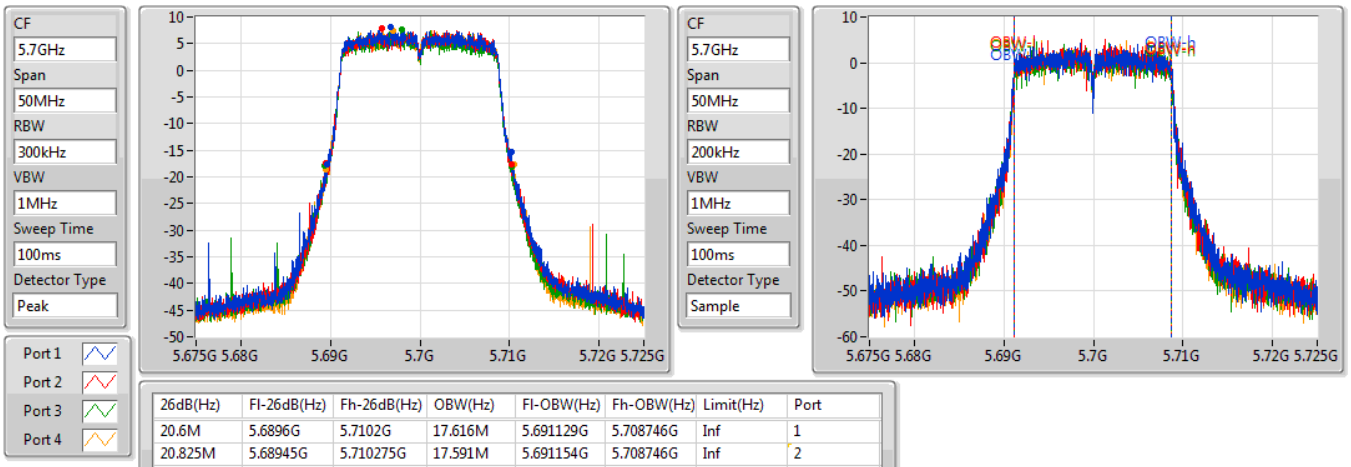


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.45M	5.57025G	5.5897G	17.591M	5.571154G	5.588746G	Inf	1
20.55M	5.569675G	5.590225G	17.591M	5.571154G	5.588746G	Inf	2
20.45M	5.56975G	5.5902G	17.591M	5.571154G	5.588746G	Inf	3
20.875M	5.569375G	5.59025G	17.591M	5.571154G	5.588746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

18/06/2019

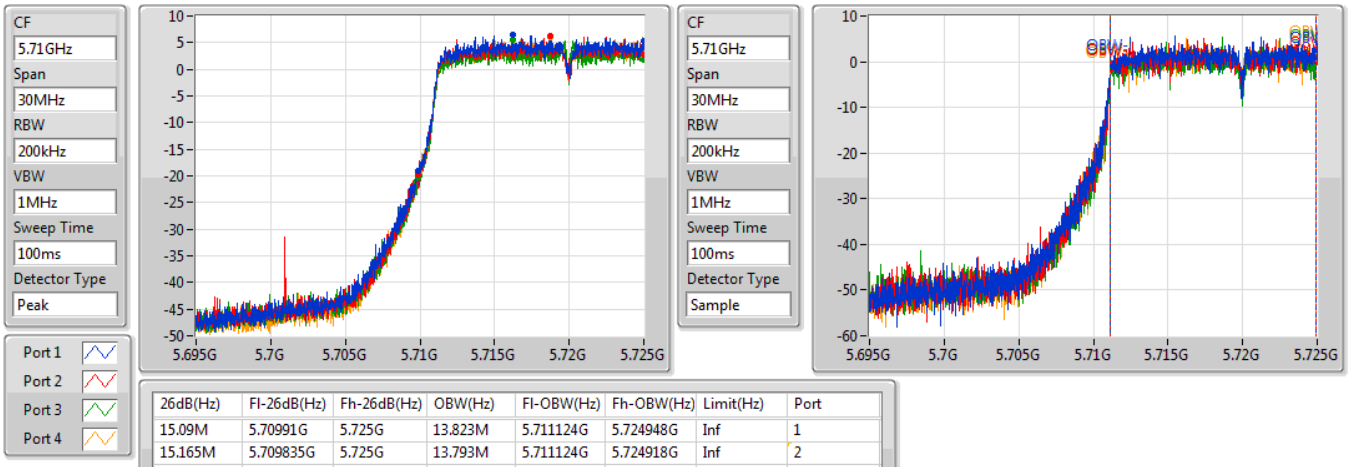


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.6896G	5.7102G	17.616M	5.691129G	5.708746G	Inf	1
20.825M	5.68945G	5.710275G	17.591M	5.691154G	5.708746G	Inf	2
20.8M	5.689375G	5.710175G	17.616M	5.691129G	5.708746G	Inf	3
21.025M	5.68955G	5.710575G	17.566M	5.691179G	5.708746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/06/2019

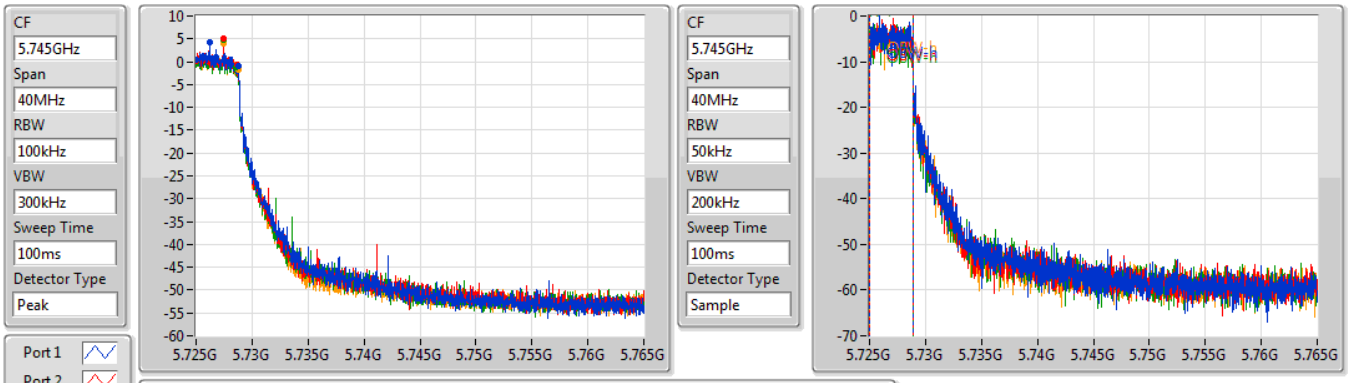


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.09M	5.70991G	5.725G	13.823M	5.711124G	5.724948G	Inf	1
15.165M	5.709835G	5.725G	13.793M	5.711124G	5.724918G	Inf	2
15.09M	5.70991G	5.725G	13.793M	5.711124G	5.724918G	Inf	3
15.03M	5.70997G	5.725G	13.808M	5.711124G	5.724933G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2019

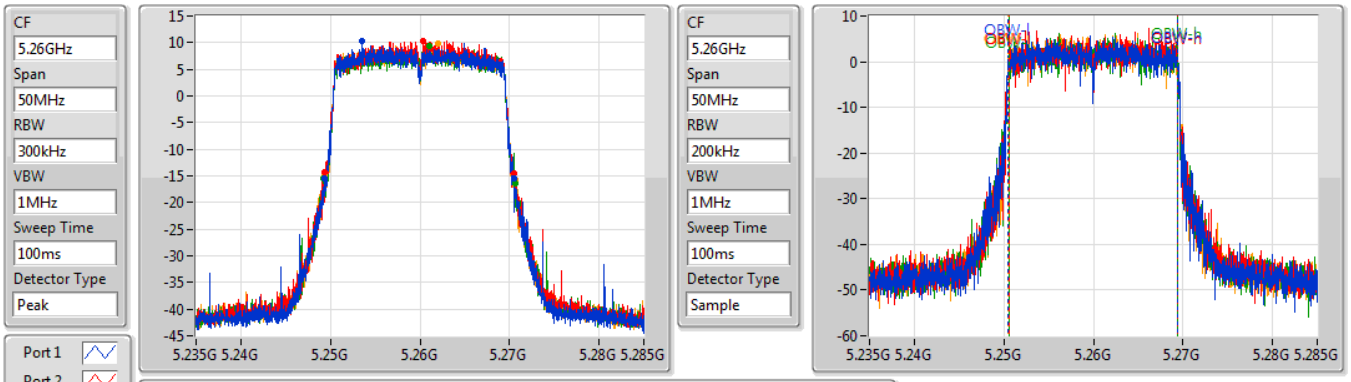


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	3.878M	5.72501G	5.728888G	500k	1
3.72M	5.725G	5.72872G	3.878M	5.72501G	5.728888G	500k	2
3.56M	5.725G	5.72856G	3.878M	5.72501G	5.728888G	500k	3
3.74M	5.725G	5.72874G	3.858M	5.72503G	5.728888G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

18/06/2019

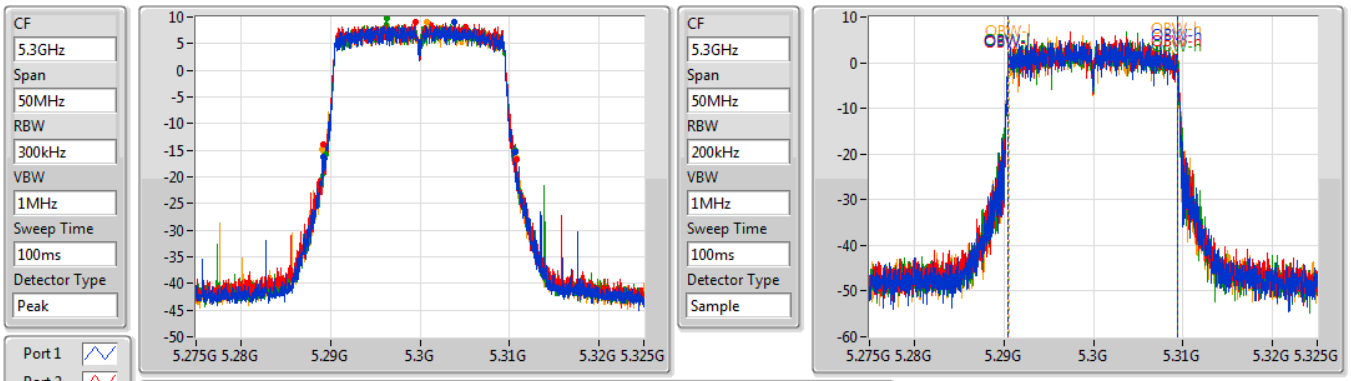


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.2M	5.249375G	5.270575G	18.916M	5.250505G	5.26942G	Inf	1
21.175M	5.249375G	5.27055G	18.866M	5.25053G	5.269395G	Inf	2
21.4M	5.24925G	5.27065G	18.891M	5.25053G	5.26942G	Inf	3
21.25M	5.249375G	5.270625G	18.891M	5.250505G	5.269395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

18/06/2019

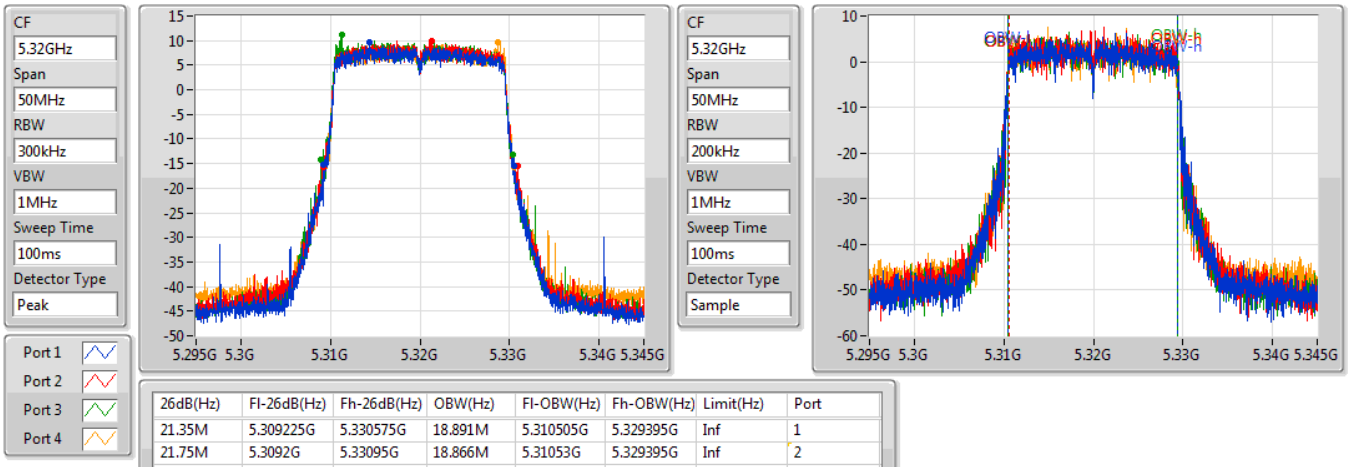


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.289225G	5.3106G	18.891M	5.290505G	5.309395G	Inf	1
21.525M	5.2892G	5.310725G	18.866M	5.290505G	5.30937G	Inf	2
21.2M	5.289425G	5.310625G	18.891M	5.290505G	5.309395G	Inf	3
21.675M	5.289075G	5.31075G	18.866M	5.29053G	5.309395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

18/06/2019

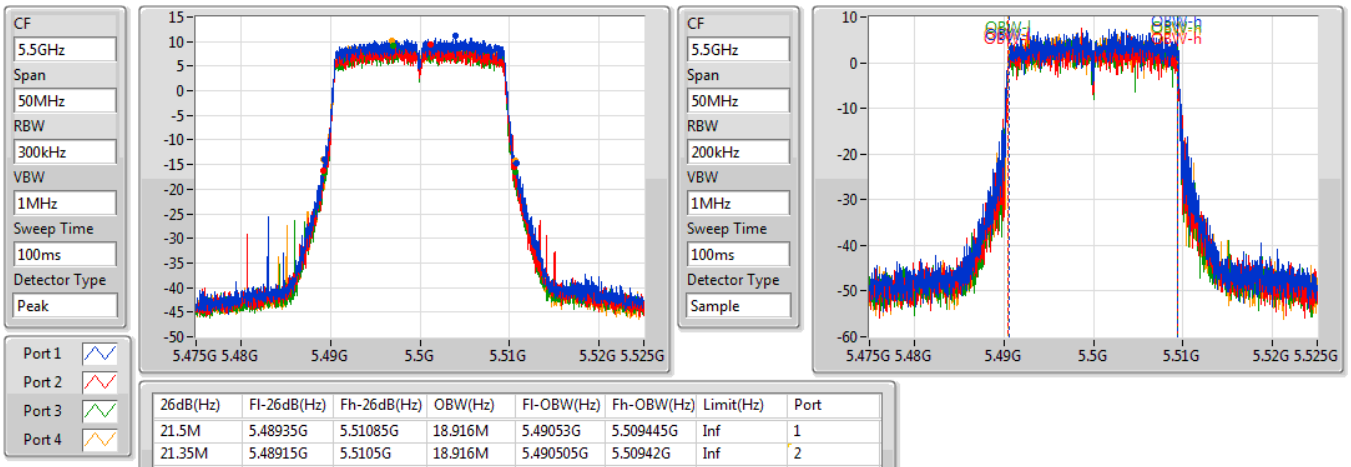


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.35M	5.309225G	5.330575G	18.891M	5.310505G	5.329395G	Inf	1
21.75M	5.3092G	5.33095G	18.866M	5.31053G	5.329395G	Inf	2
21.425M	5.30895G	5.330375G	18.866M	5.310505G	5.32937G	Inf	3
21.4M	5.30915G	5.33055G	18.866M	5.31053G	5.329395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

18/06/2019

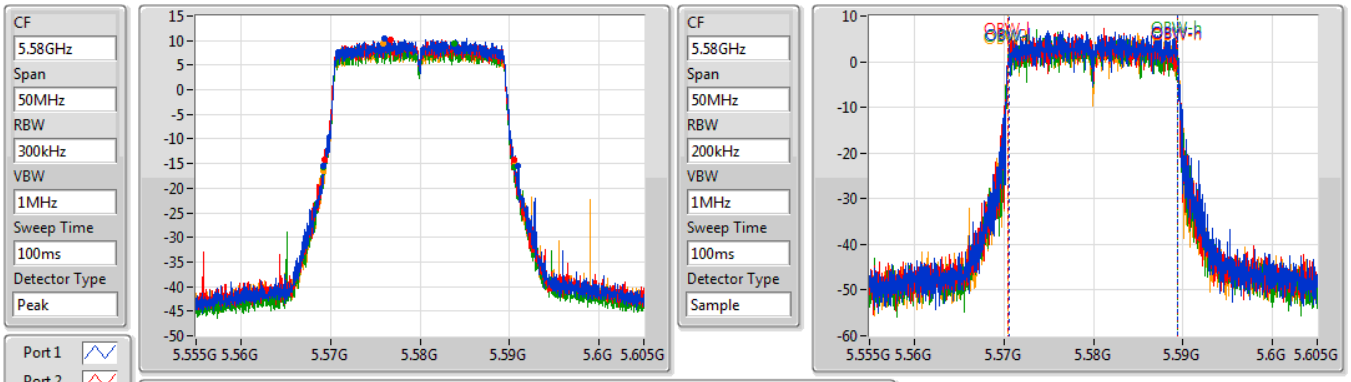


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.48935G	5.51085G	18.916M	5.49053G	5.509445G	Inf	1
21.35M	5.48915G	5.5105G	18.916M	5.490505G	5.50942G	Inf	2
21.3M	5.489375G	5.510675G	18.891M	5.49053G	5.50942G	Inf	3
21.4M	5.4892G	5.5106G	18.916M	5.490505G	5.50942G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

18/06/2019

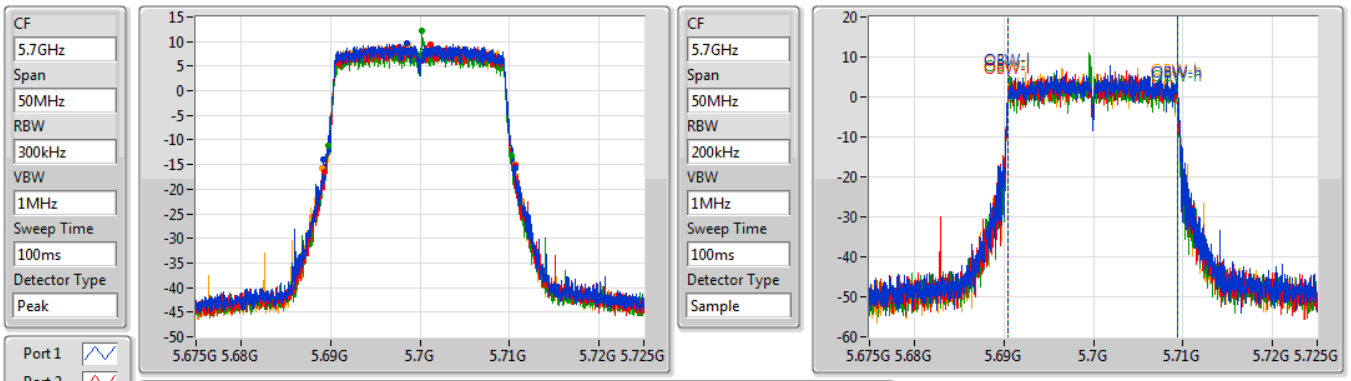


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.625M	5.56925G	5.590875G	18.891M	5.57053G	5.58942G	Inf	1
21.175M	5.5693G	5.590475G	18.941M	5.57048G	5.58942G	Inf	2
21.3M	5.569275G	5.590575G	18.891M	5.570505G	5.589395G	Inf	3
21.425M	5.56925G	5.590675G	18.891M	5.570505G	5.589395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

18/06/2019



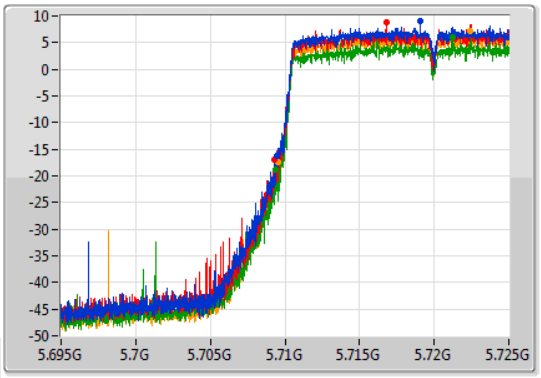
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.68915G	5.7106G	18.941M	5.69048G	5.70942G	Inf	1
21.3M	5.68935G	5.71065G	18.891M	5.690505G	5.709395G	Inf	2
20.55M	5.6897G	5.71025G	18.866M	5.690505G	5.70937G	Inf	3
21.6M	5.68905G	5.71065G	18.891M	5.690505G	5.709395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

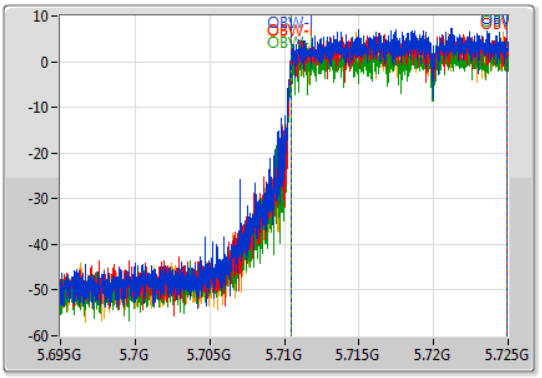
5720MHz Straddle 5.47-5.725GHz

18/06/2019

CF	5.71GHz
Span	30MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.71GHz
Span	30MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

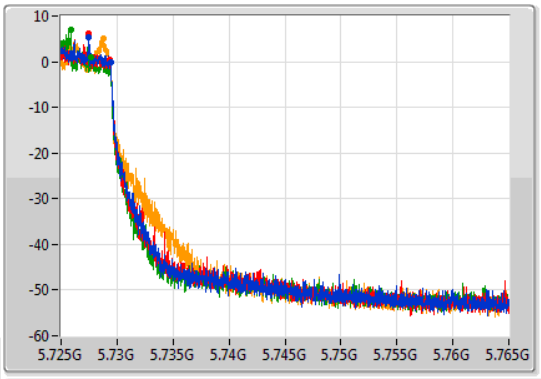
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.51M	5.70949G	5.725G	14.468M	5.710465G	5.724933G	Inf	1
15.75M	5.70925G	5.725G	14.468M	5.710465G	5.724933G	Inf	2
15.6M	5.7094G	5.725G	14.453M	5.71048G	5.724933G	Inf	3
15.42M	5.70958G	5.725G	14.498M	5.71045G	5.724948G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

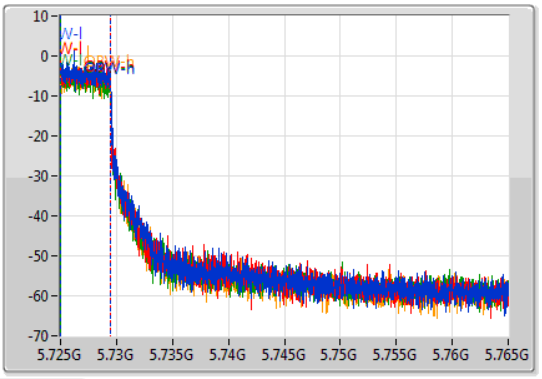
5720MHz Straddle 5.725-5.85GHz

18/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample



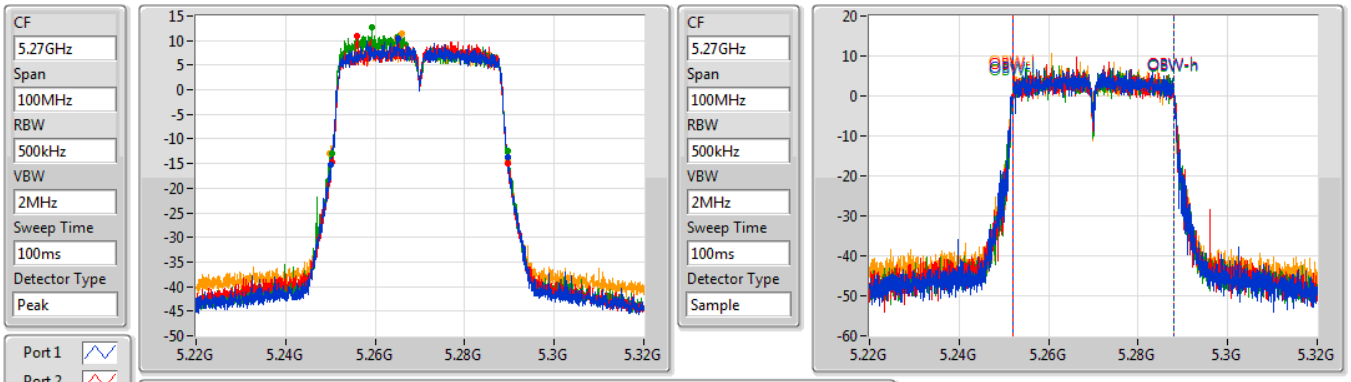
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.42M	5.725G	5.72942G	4.498M	5.72501G	5.729508G	500k	1
4.32M	5.72504G	5.72936G	4.478M	5.72503G	5.729508G	500k	2
2.64M	5.725G	5.72764G	4.458M	5.72503G	5.729488G	500k	3
4.4M	5.72502G	5.72942G	4.458M	5.72503G	5.729488G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

18/06/2019

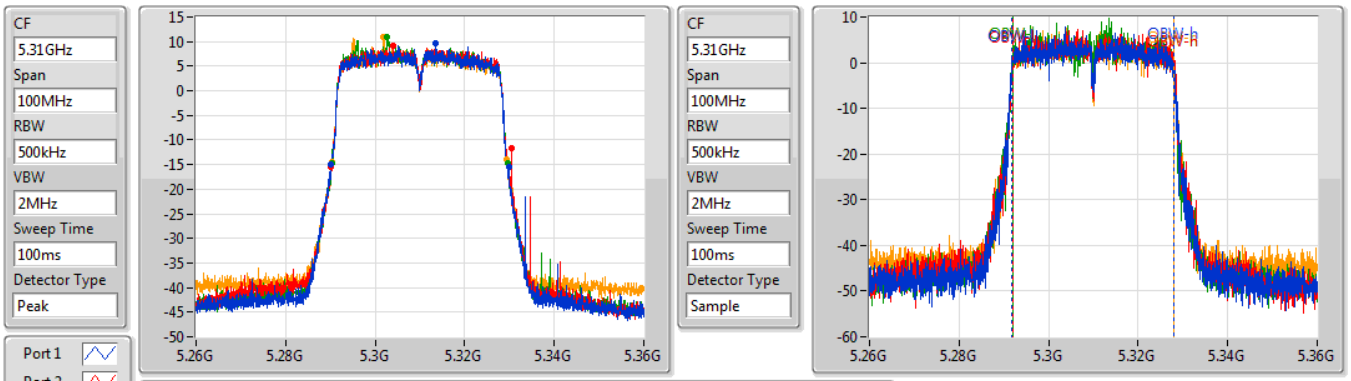


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.25015G	5.28975G	36.132M	5.251909G	5.288041G	Inf	1
39.35M	5.25025G	5.2896G	36.082M	5.251909G	5.287991G	Inf	2
39.1M	5.25045G	5.28955G	36.082M	5.251959G	5.288041G	Inf	3
39.65M	5.2499G	5.28955G	36.082M	5.251909G	5.287991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

18/06/2019

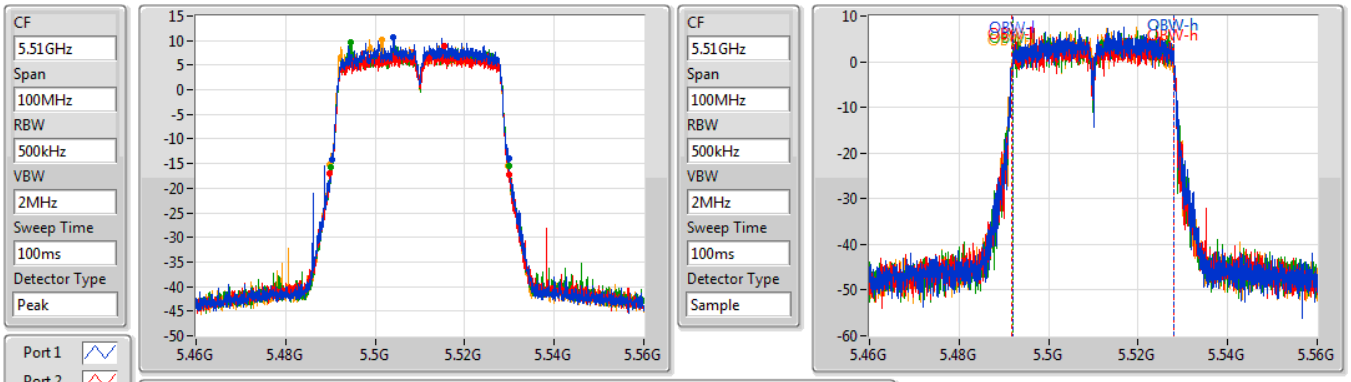


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.7M	5.29015G	5.32985G	36.032M	5.291859G	5.327891G	Inf	1
40.3M	5.2901G	5.3304G	36.132M	5.291909G	5.328041G	Inf	2
39.3M	5.29025G	5.32955G	35.982M	5.291909G	5.327891G	Inf	3
39.05M	5.2903G	5.32935G	36.032M	5.291909G	5.327941G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

18/06/2019

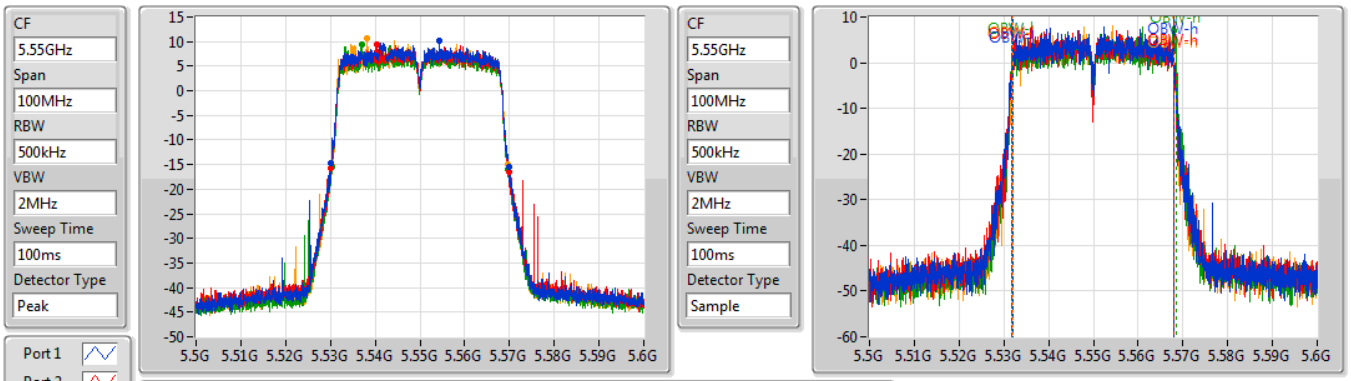


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.4903G	5.5298G	35.982M	5.491959G	5.527941G	Inf	1
40.15M	5.48975G	5.5299G	36.182M	5.491859G	5.528041G	Inf	2
39.8M	5.49015G	5.52995G	36.132M	5.491909G	5.528041G	Inf	3
39.85M	5.4898G	5.52965G	36.132M	5.491859G	5.527991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

18/06/2019

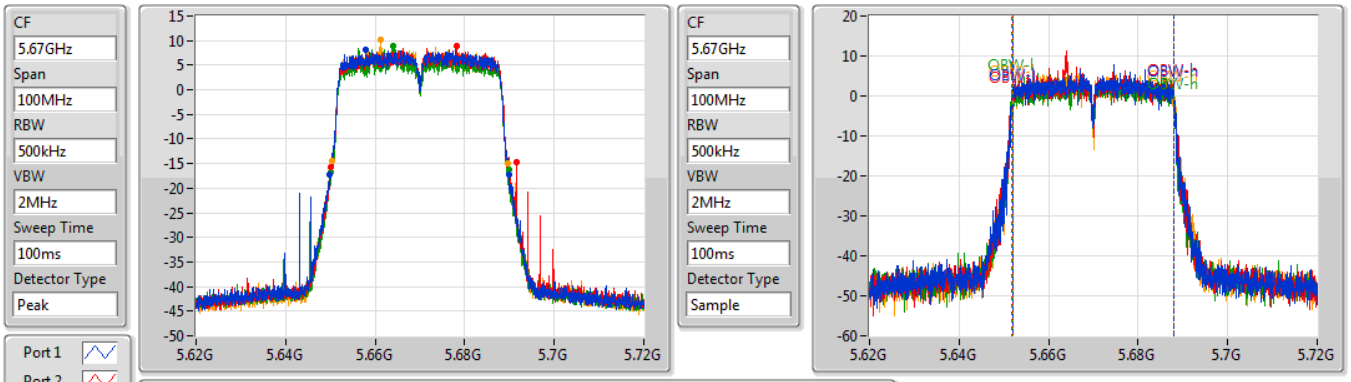


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.53015G	5.56995G	36.032M	5.531909G	5.567941G	Inf	1
40.05M	5.52995G	5.57G	36.132M	5.531859G	5.567991G	Inf	2
39.45M	5.53025G	5.5697G	36.682M	5.531759G	5.568441G	Inf	3
39.45M	5.53025G	5.5697G	36.032M	5.531959G	5.567991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

18/06/2019

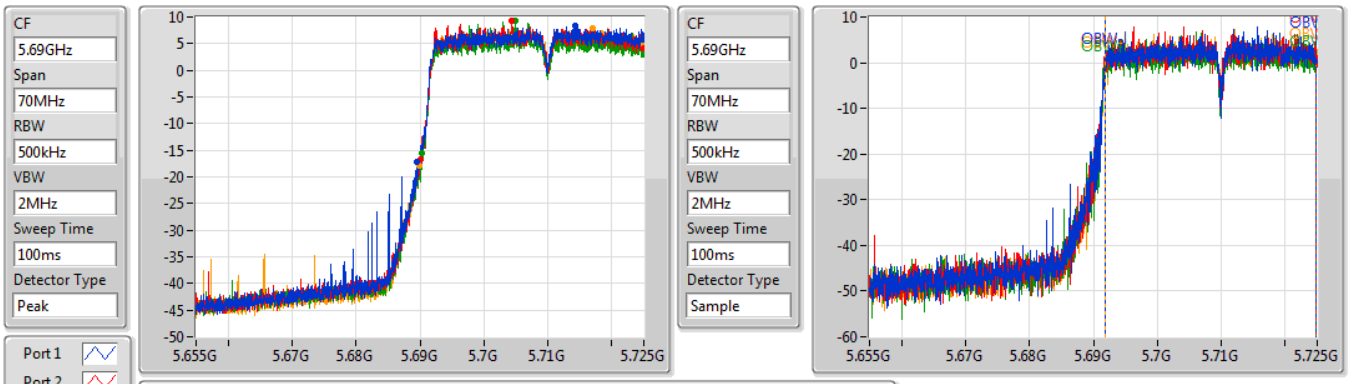


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.6498G	5.68995G	36.082M	5.651909G	5.687991G	Inf	1
41.5M	5.64995G	5.69145G	36.082M	5.651909G	5.687991G	Inf	2
39.85M	5.65G	5.68985G	36.232M	5.651759G	5.687991G	Inf	3
39.25M	5.65035G	5.6896G	36.132M	5.651909G	5.688041G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

18/06/2019



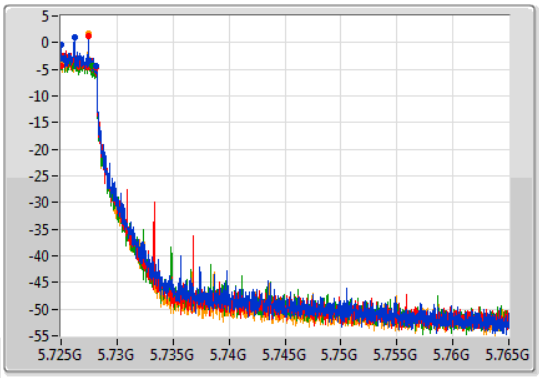
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.56M	5.68944G	5.725G	32.954M	5.691854G	5.724808G	Inf	1
34.965M	5.690035G	5.725G	32.919M	5.691854G	5.724773G	Inf	2
34.685M	5.690315G	5.725G	32.954M	5.691819G	5.724773G	Inf	3
35.07M	5.68993G	5.725G	32.919M	5.691889G	5.724808G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

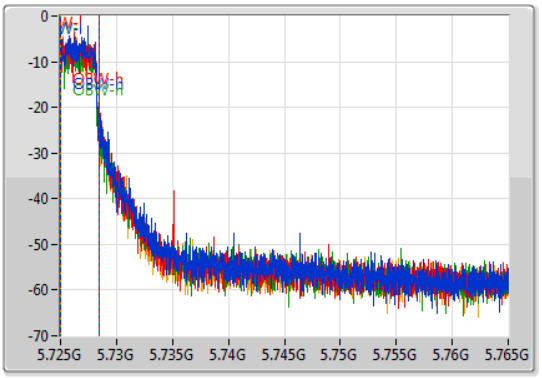
5710MHz Straddle 5.725-5.85GHz

18/06/2019

CF 5.745GHz
Span 40MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



CF 5.745GHz
Span 40MHz
RBW 50kHz
VBW 200kHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

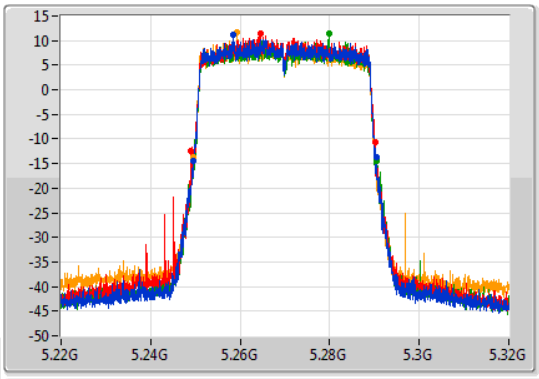
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.418M	5.72501G	5.728428G	500k	1
3.16M	5.725G	5.72816G	3.458M	5.72501G	5.728468G	500k	2
2.74M	5.72502G	5.72776G	3.398M	5.72503G	5.728428G	500k	3
3.14M	5.725G	5.72814G	3.418M	5.72501G	5.728428G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

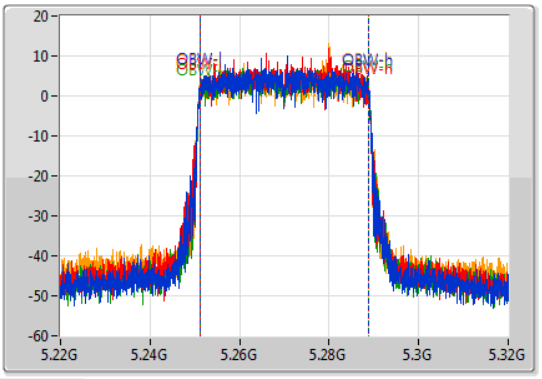
5270MHz

18/06/2019

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



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



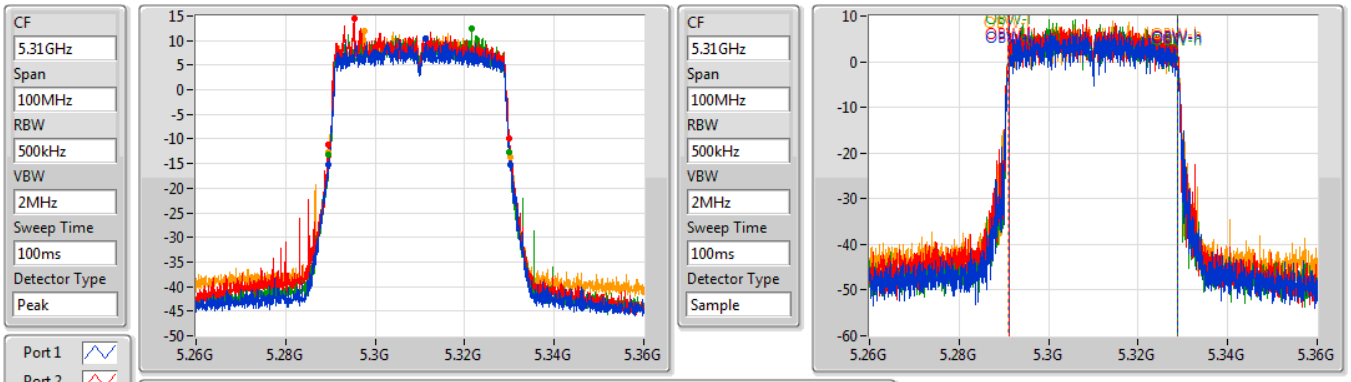
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.75M	5.2496G	5.29035G	37.681M	5.251109G	5.288791G	Inf	1
41.15M	5.2491G	5.29025G	37.531M	5.251209G	5.288741G	Inf	2
40.85M	5.2495G	5.29035G	37.681M	5.251109G	5.288791G	Inf	3
40.8M	5.24955G	5.29035G	37.731M	5.251059G	5.288791G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

18/06/2019

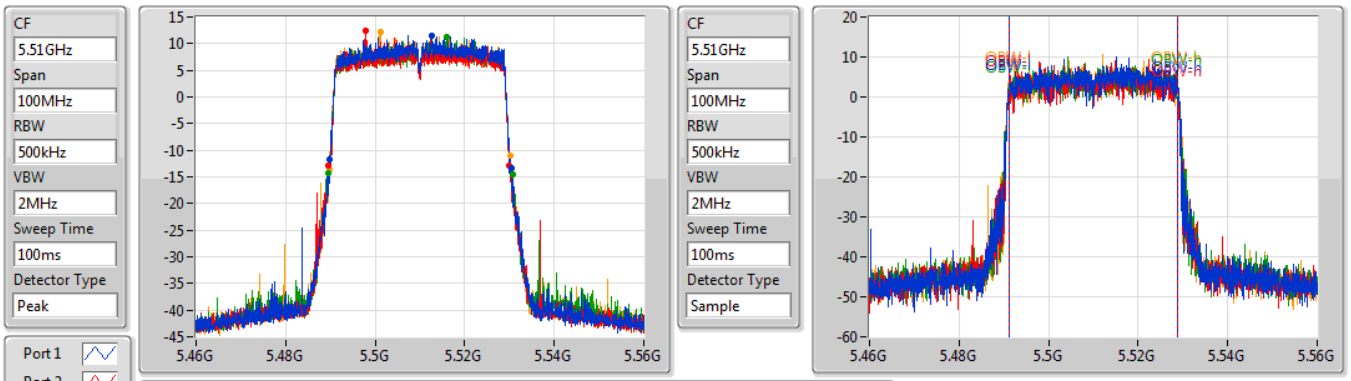


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.28955G	5.3302G	37.631M	5.291059G	5.328691G	Inf	1
40.4M	5.28965G	5.33005G	37.681M	5.291059G	5.328741G	Inf	2
40.45M	5.2896G	5.33005G	37.581M	5.291109G	5.328691G	Inf	3
40.6M	5.28965G	5.33025G	37.731M	5.291009G	5.328741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

18/06/2019

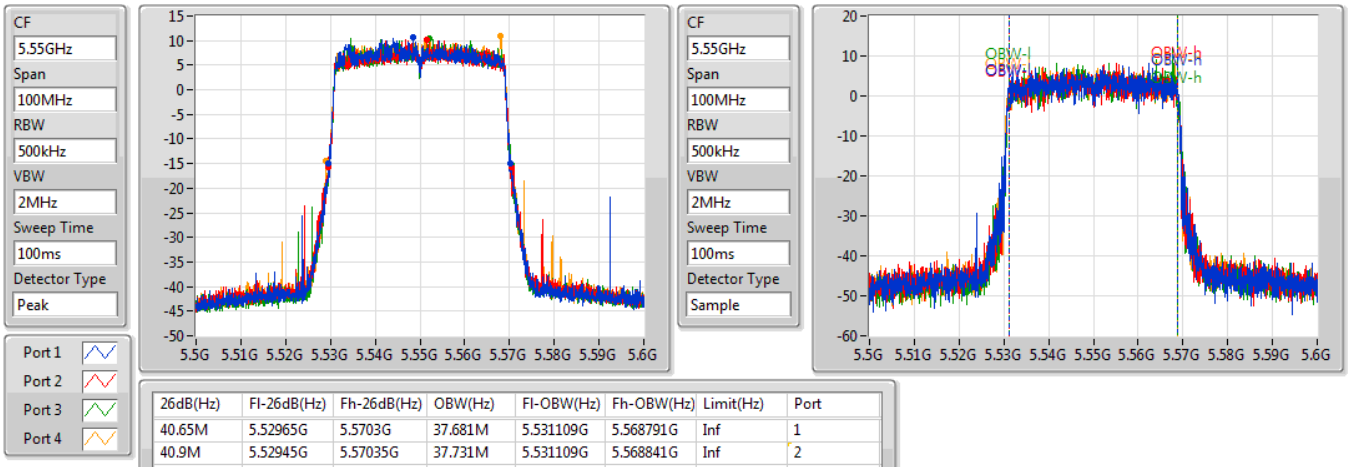


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.48975G	5.5304G	37.681M	5.491159G	5.528841G	Inf	1
40.6M	5.48945G	5.53005G	37.731M	5.491109G	5.528841G	Inf	2
41.05M	5.4896G	5.53065G	37.731M	5.491109G	5.528841G	Inf	3
40.35M	5.48975G	5.5301G	37.731M	5.491059G	5.528791G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

18/06/2019

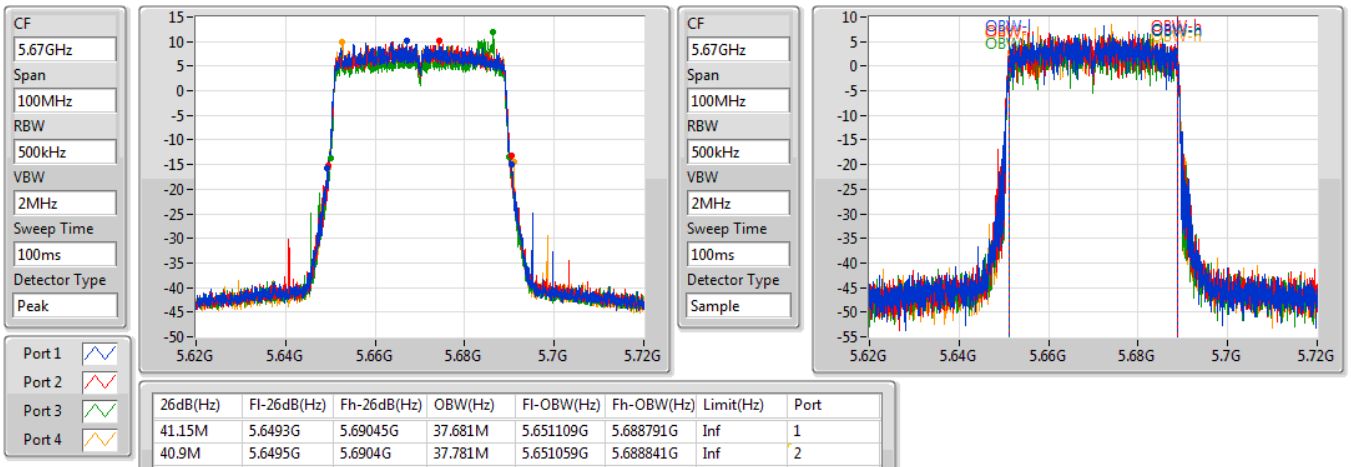


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.65M	5.52965G	5.5703G	37.681M	5.531109G	5.568791G	Inf	1
40.9M	5.52945G	5.57035G	37.731M	5.531109G	5.568841G	Inf	2
41M	5.5295G	5.5705G	37.581M	5.531159G	5.568741G	Inf	3
41.4M	5.5289G	5.5703G	37.681M	5.531109G	5.568791G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

18/06/2019



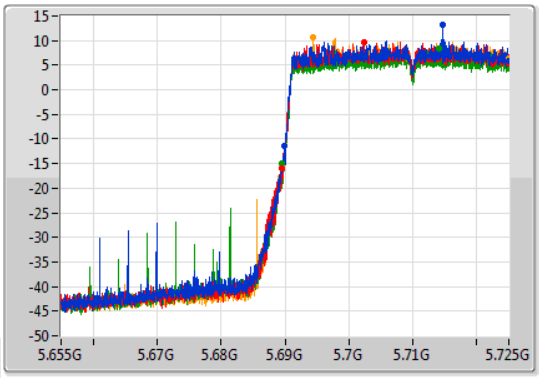
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.15M	5.6493G	5.69045G	37.681M	5.651109G	5.688791G	Inf	1
40.9M	5.6495G	5.6904G	37.781M	5.651059G	5.688841G	Inf	2
40M	5.64995G	5.68995G	37.731M	5.651059G	5.688791G	Inf	3
41.65M	5.64945G	5.6911G	37.781M	5.651059G	5.688841G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

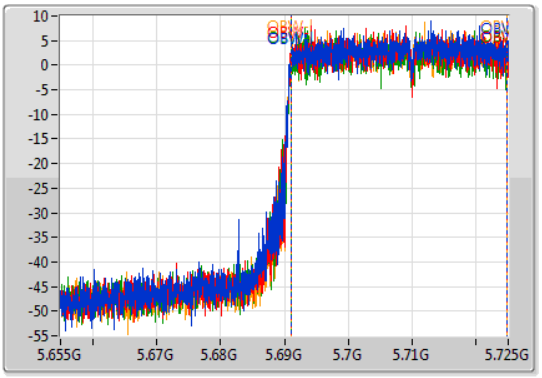
5710MHz Straddle 5.47-5.725GHz

18/06/2019

CF	5.69GHz
Span	70MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.69GHz
Span	70MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

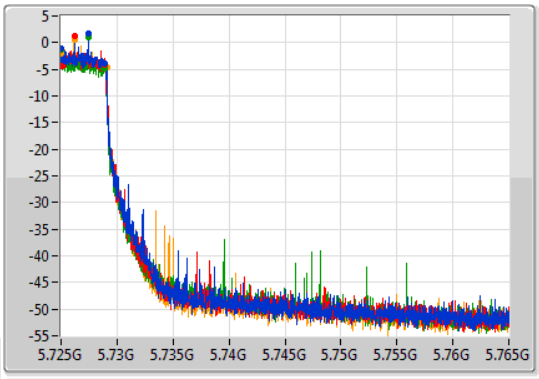
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.105M	5.689895G	5.725G	33.793M	5.691014G	5.724808G	Inf	1
35.455M	5.689545G	5.725G	33.723M	5.691014G	5.724738G	Inf	2
35.525M	5.689475G	5.725G	33.758M	5.69098G	5.724738G	Inf	3
35.455M	5.689545G	5.725G	33.723M	5.691084G	5.724808G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

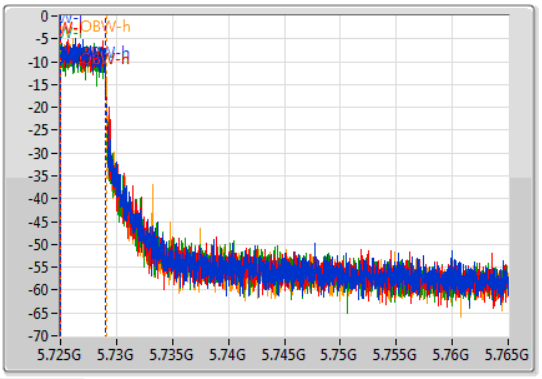
5710MHz Straddle 5.725-5.85GHz

18/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample



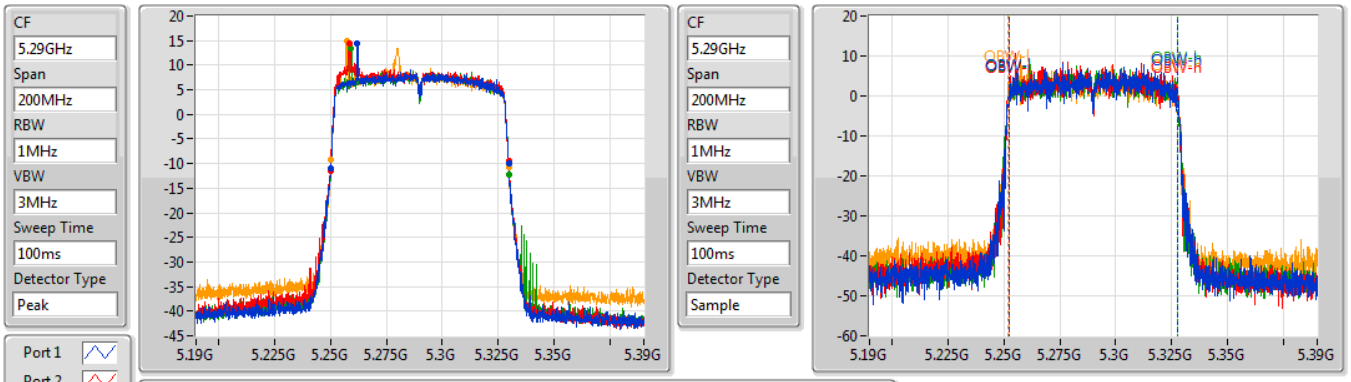
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.038M	5.72501G	5.729048G	500k	1
3.94M	5.725G	5.72894G	4.018M	5.72503G	5.729048G	500k	2
3.92M	5.725G	5.72892G	4.018M	5.72503G	5.729048G	500k	3
4.1M	5.725G	5.7291G	4.038M	5.72503G	5.729068G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

18/06/2019

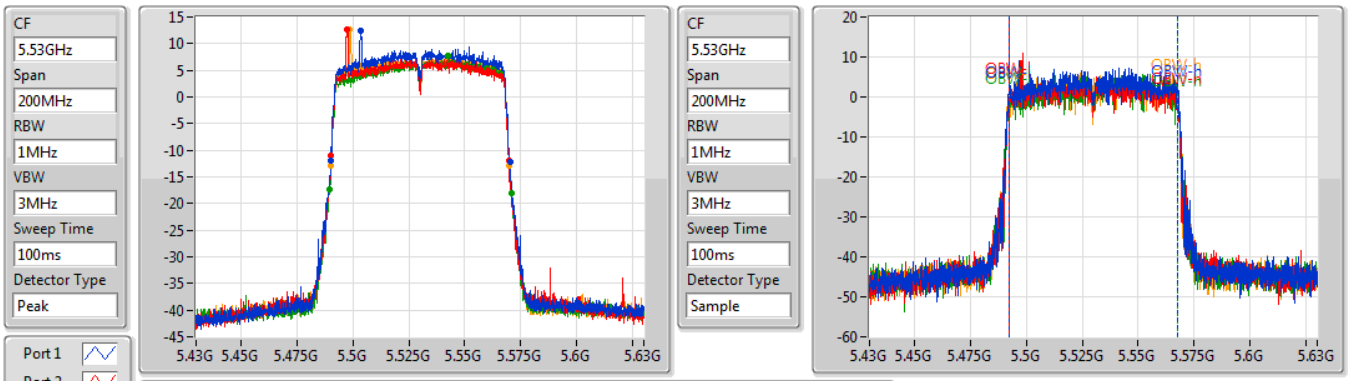


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.7M	5.25G	5.3297G	75.262M	5.252219G	5.327481G	Inf	1
79.7M	5.2499G	5.3296G	75.262M	5.252219G	5.327481G	Inf	2
79.9M	5.25G	5.3299G	75.262M	5.252219G	5.327481G	Inf	3
79.3M	5.2503G	5.3296G	75.562M	5.252019G	5.327581G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

18/06/2019

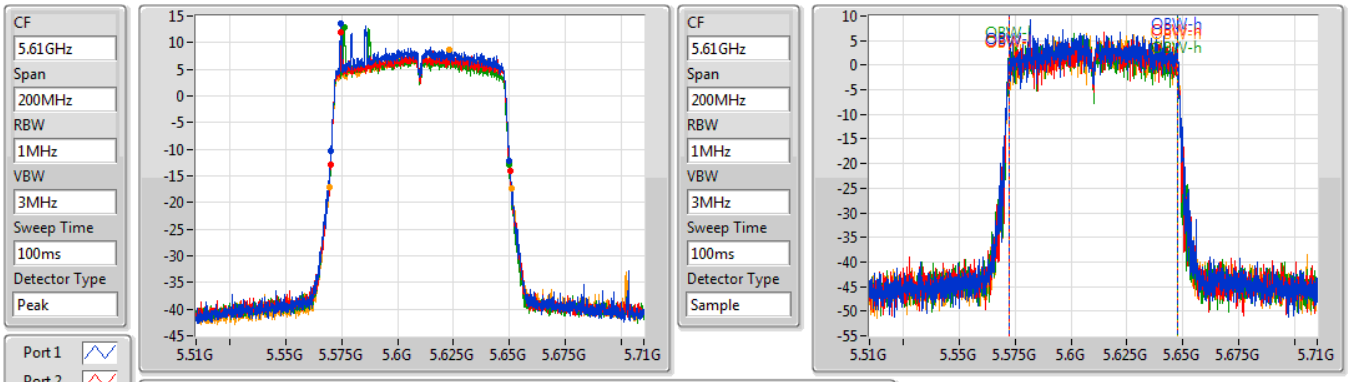


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.2M	5.49G	5.5702G	75.462M	5.492319G	5.567781G	Inf	1
79.6M	5.4902G	5.5698G	75.462M	5.492119G	5.567581G	Inf	2
81.4M	5.4894G	5.5708G	75.662M	5.492219G	5.567881G	Inf	3
80M	5.4901G	5.5701G	75.362M	5.492319G	5.567681G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

18/06/2019

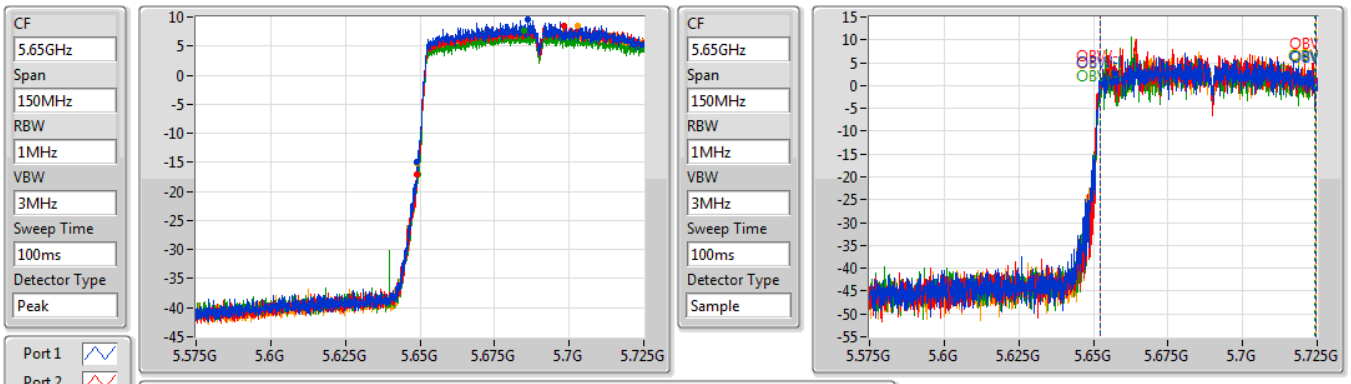


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.8M	5.5702G	5.65G	75.562M	5.572219G	5.647781G	Inf	1
80.4M	5.5699G	5.6503G	75.462M	5.572219G	5.647681G	Inf	2
79.9M	5.5699G	5.6498G	75.562M	5.572119G	5.647681G	Inf	3
81.5M	5.5695G	5.651G	75.362M	5.572419G	5.647781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

18/06/2019



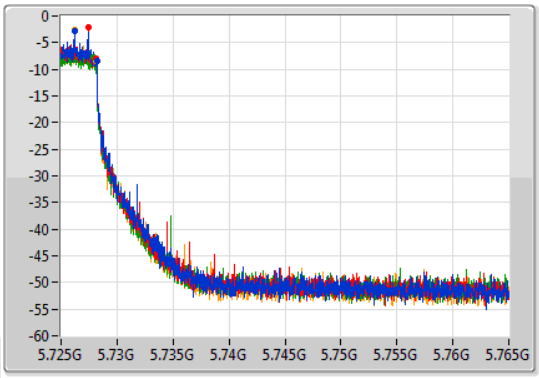
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	72.339M	5.652099G	5.724438G	Inf	1
75.9M	5.6491G	5.725G	72.339M	5.652174G	5.724513G	Inf	2
75.75M	5.64925G	5.725G	72.189M	5.652174G	5.724363G	Inf	3
75.9M	5.6491G	5.725G	72.189M	5.652249G	5.724438G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

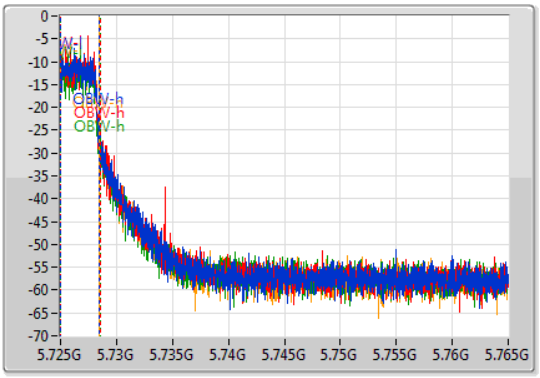
5690MHz Straddle 5.725-5.85GHz

18/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

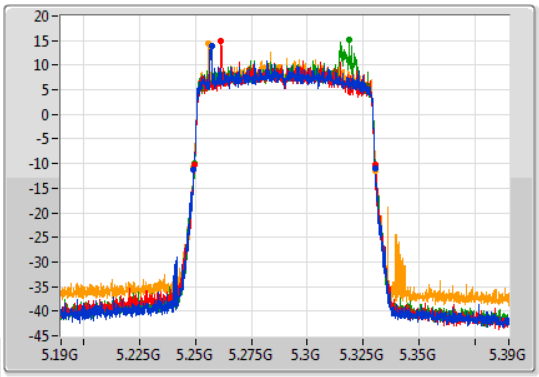
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.478M	5.72503G	5.728508G	500k	1
3.14M	5.725G	5.72814G	3.538M	5.72501G	5.728548G	500k	2
2.84M	5.72504G	5.72788G	3.518M	5.72501G	5.728528G	500k	3
3.16M	5.725G	5.72816G	3.498M	5.72501G	5.728508G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

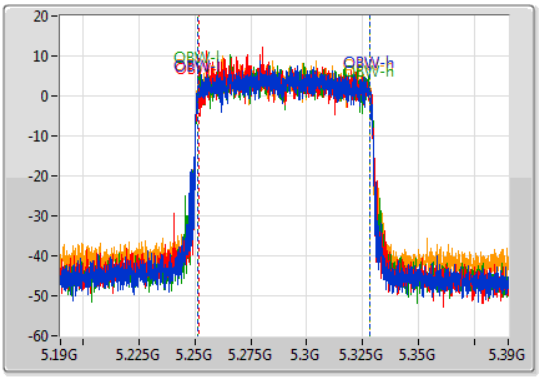
5290MHz

18/06/2019

CF	5.29GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.29GHz
Span	200MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



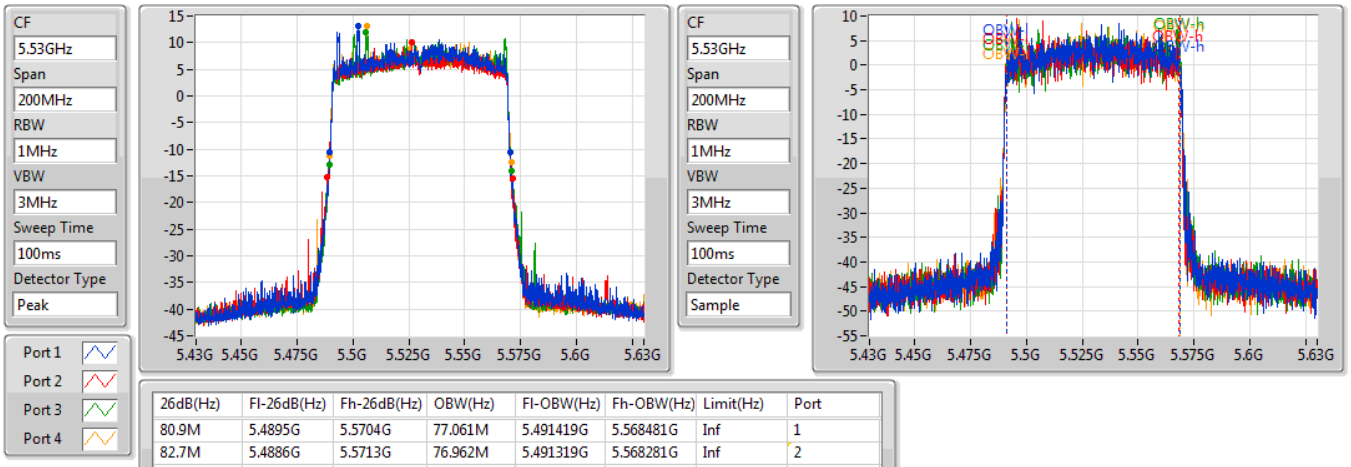
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.249G	5.3305G	76.962M	5.251319G	5.328281G	Inf	1
80.8M	5.2494G	5.3302G	76.562M	5.251719G	5.328281G	Inf	2
80.8M	5.2498G	5.3306G	76.962M	5.251319G	5.328281G	Inf	3
81.1M	5.2492G	5.3303G	76.962M	5.251319G	5.328281G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

18/06/2019

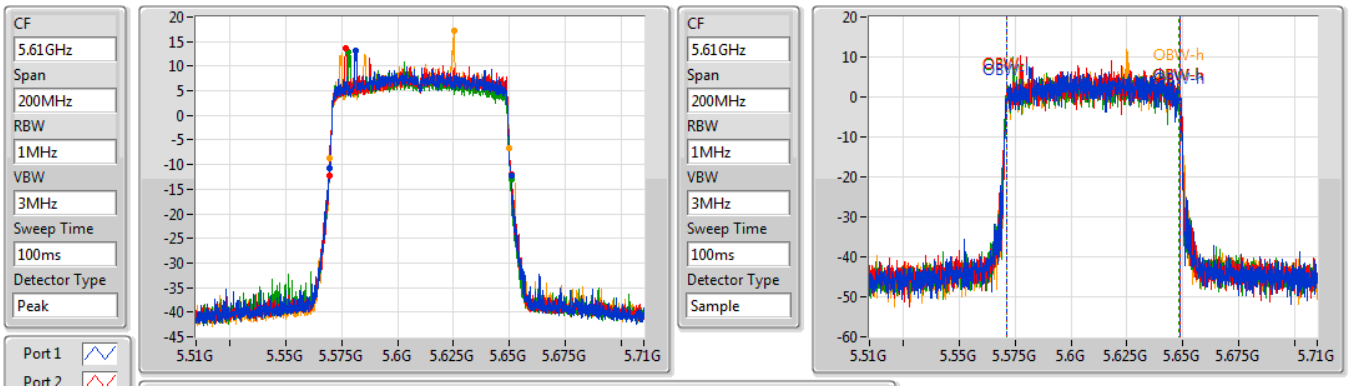


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.9M	5.4895G	5.5704G	77.061M	5.491419G	5.568481G	Inf	1
82.7M	5.4886G	5.5713G	76.962M	5.491319G	5.568281G	Inf	2
81.8M	5.4894G	5.5712G	77.361M	5.491419G	5.568781G	Inf	3
81.3M	5.4894G	5.5707G	77.061M	5.491419G	5.568481G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

18/06/2019



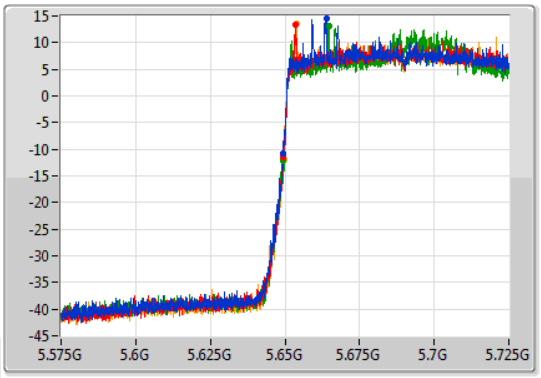
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.3M	5.5694G	5.6507G	77.061M	5.571419G	5.648481G	Inf	1
81.2M	5.5695G	5.6507G	77.161M	5.571419G	5.648581G	Inf	2
81.3M	5.5694G	5.6507G	77.061M	5.571319G	5.648381G	Inf	3
80.2M	5.5698G	5.65G	76.962M	5.571519G	5.648481G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

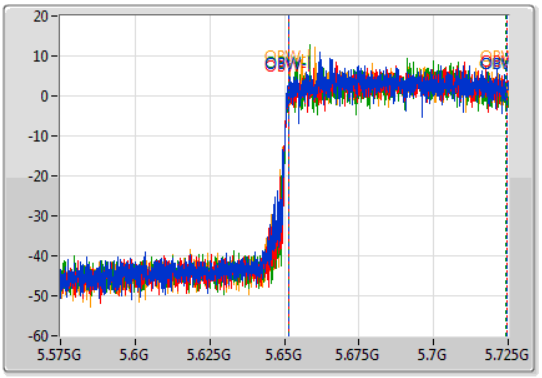
5690MHz Straddle 5.47-5.725GHz

18/06/2019

CF	5.65GHz
Span	150MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.65GHz
Span	150MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

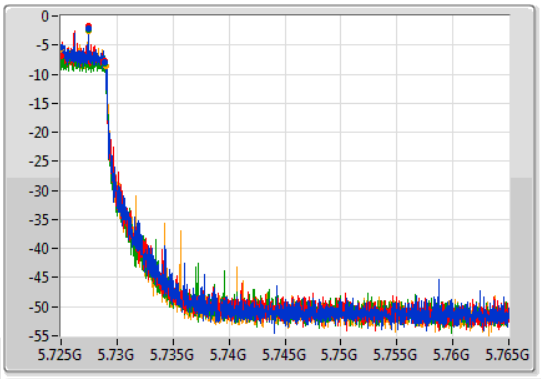
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.825M	5.649175G	5.725G	73.313M	5.651274G	5.724588G	Inf	1
75.675M	5.649325G	5.725G	73.163M	5.651349G	5.724513G	Inf	2
75.675M	5.649325G	5.725G	72.864M	5.651424G	5.724288G	Inf	3
75.375M	5.649625G	5.725G	73.163M	5.651349G	5.724513G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

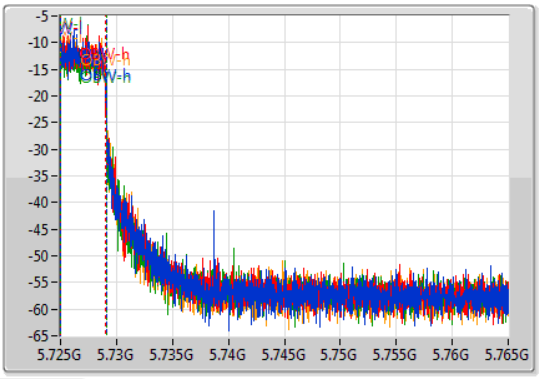
5690MHz Straddle 5.725-5.85GHz

18/06/2019

CF	5.745GHz
Span	40MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	40MHz
RBW	50kHz
VBW	200kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.078M	5.72501G	5.729088G	500k	1
3.92M	5.725G	5.72892G	4.018M	5.72503G	5.729048G	500k	2
3.94M	5.725G	5.72894G	4.078M	5.72501G	5.729088G	500k	3
3.98M	5.725G	5.72898G	4.038M	5.72503G	5.729068G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.65	0.23174
802.11ac VHT20_Nss1,(MCS0)_4TX	23.56	0.22699
802.11ax HEW20_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ac VHT40_Nss1,(MCS0)_4TX	23.45	0.22131
802.11ax HEW40_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT80_Nss1,(MCS0)_4TX	23.16	0.20701
802.11ax HEW80_Nss1,(MCS0)_4TX	23.62	0.23014
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.29	0.21330
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.63	0.23067
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.26	0.21184
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.03	0.20091
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.43	0.22029
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.50	0.17783
802.11ac VHT20_Nss1,(MCS0)_4TX	22.84	0.19231
802.11ax HEW20_Nss1,(MCS0)_4TX	22.98	0.19861
802.11ac VHT40_Nss1,(MCS0)_4TX	22.86	0.19320
802.11ax HEW40_Nss1,(MCS0)_4TX	22.97	0.19815
802.11ac VHT80_Nss1,(MCS0)_4TX	22.77	0.18923
802.11ax HEW80_Nss1,(MCS0)_4TX	22.95	0.19724
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.26	0.16827
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.73	0.18750
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.85	0.19275
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.98	0.19861
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.41	0.17418
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.69	0.18578
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.17	0.03289
802.11ac VHT20_Nss1,(MCS0)_4TX	16.10	0.04074
802.11ax HEW20_Nss1,(MCS0)_4TX	16.72	0.04699
802.11ac VHT40_Nss1,(MCS0)_4TX	11.89	0.01545
802.11ax HEW40_Nss1,(MCS0)_4TX	12.72	0.01871
802.11ac VHT80_Nss1,(MCS0)_4TX	7.79	0.00601
802.11ax HEW80_Nss1,(MCS0)_4TX	22.92	0.19588
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.46	0.03516
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.32	0.04285
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.38	0.01374
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.24	0.01675
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	7.57	0.00571
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.59	0.00723

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	5.88	17.89	17.83	17.54	17.09	23.62	23.75
5300MHz	Pass	5.88	17.37	17.45	17.28	17.68	23.47	23.79
5320MHz	Pass	5.88	17.56	17.69	17.59	17.69	23.65	23.77
5500MHz	Pass	6.94	16.61	16.46	16.65	16.17	22.50	22.85
5580MHz	Pass	6.94	16.37	16.33	16.42	16.19	22.35	22.83
5700MHz	Pass	6.94	16.43	16.42	16.32	16.45	22.43	22.81
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	15.68	15.67	15.73	15.53	21.67	21.72
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	9.36	8.98	9.09	9.16	15.17	29.06
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	17.67	17.73	17.13	17.14	23.45	23.98
5300MHz	Pass	5.88	17.43	17.13	17.49	17.38	23.38	23.98
5320MHz	Pass	5.88	17.63	17.77	17.28	17.46	23.56	23.98
5500MHz	Pass	6.94	16.99	16.84	16.93	16.48	22.84	23.04
5580MHz	Pass	6.94	16.68	16.61	16.58	16.58	22.63	23.04
5700MHz	Pass	6.94	16.85	16.76	16.35	16.72	22.69	23.04
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	15.92	15.68	15.62	15.67	21.74	21.81
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	10.16	10.02	10.15	9.98	16.10	29.06
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	17.83	17.96	17.59	17.30	23.70	23.98
5300MHz	Pass	5.88	17.64	17.63	17.49	17.80	23.66	23.98
5320MHz	Pass	5.88	17.56	17.60	17.62	18.04	23.73	23.98
5500MHz	Pass	6.94	17.05	17.02	16.85	16.92	22.98	23.04
5580MHz	Pass	6.94	17.02	17.00	16.63	16.90	22.91	23.04
5700MHz	Pass	6.94	17.16	17.07	16.73	16.87	22.98	23.04
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	15.98	15.94	15.77	15.84	21.90	21.95
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	10.63	10.73	10.79	10.63	16.72	29.06
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	17.53	17.71	17.21	17.23	23.45	23.98
5310MHz	Pass	5.88	17.31	17.43	17.34	17.46	23.41	23.98
5510MHz	Pass	6.94	16.73	16.87	16.75	16.34	22.70	23.04
5550MHz	Pass	6.94	16.67	16.42	16.63	16.52	22.58	23.04
5670MHz	Pass	6.94	17.01	16.87	16.54	16.94	22.86	23.04
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	16.79	16.78	16.55	16.62	22.71	23.04
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	5.90	5.92	5.89	5.75	11.89	29.06
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	17.88	17.80	17.49	17.27	23.64	23.98
5310MHz	Pass	5.88	17.48	17.42	17.47	17.58	23.51	23.98
5510MHz	Pass	6.94	16.95	16.89	16.79	16.47	22.80	23.04
5550MHz	Pass	6.94	16.71	16.59	16.76	16.55	22.67	23.04
5670MHz	Pass	6.94	16.97	17.01	16.75	17.05	22.97	23.04
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	16.82	16.79	16.70	16.71	22.78	23.04
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	6.63	6.74	6.80	6.64	12.72	29.06

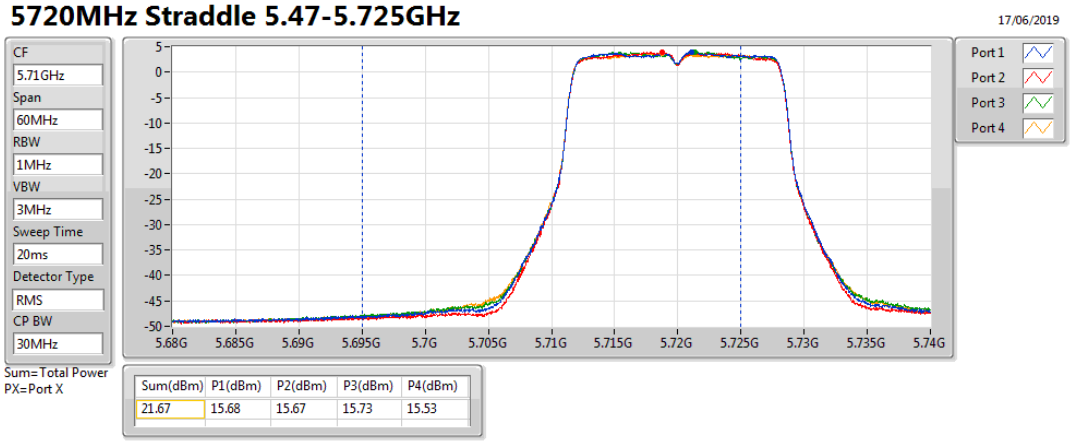
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	17.25	17.25	16.95	17.12	23.16	23.98
5530MHz	Pass	6.94	16.41	16.43	16.24	16.28	22.36	23.04
5610MHz	Pass	6.94	16.53	16.44	16.15	16.39	22.40	23.04
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	16.97	16.84	16.51	16.65	22.77	23.04
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	1.84	2.05	1.65	1.52	7.79	29.06
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	17.95	17.72	17.45	17.25	23.62	23.98
5530MHz	Pass	6.94	16.70	16.82	16.46	16.52	22.65	23.04
5610MHz	Pass	6.94	16.83	16.66	16.54	16.67	22.70	23.04
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	17.07	17.03	16.84	16.79	22.95	23.04
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	17.15	16.68	16.78	16.97	22.92	29.06
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	17.38	17.21	17.23	17.26	23.29	23.98
5300MHz	Pass	5.88	16.82	16.77	17.11	17.17	22.99	23.97
5320MHz	Pass	5.88	16.48	17.00	17.07	17.33	23.00	23.97
5500MHz	Pass	6.94	17.08	15.56	15.50	16.23	22.16	23.04
5580MHz	Pass	6.94	16.73	16.69	15.70	15.73	22.26	22.95
5700MHz	Pass	6.94	16.20	16.23	15.40	15.98	21.99	23.04
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	15.50	15.13	14.44	14.92	21.03	21.83
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	9.91	9.66	8.76	9.34	15.46	29.06
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	17.44	18.43	17.28	17.16	23.63	23.98
5300MHz	Pass	5.88	17.07	17.00	17.31	17.06	23.13	23.98
5320MHz	Pass	5.88	16.85	17.50	17.25	17.34	23.26	23.98
5500MHz	Pass	6.94	17.03	16.01	16.07	16.81	22.52	23.04
5580MHz	Pass	6.94	17.18	17.02	16.26	16.29	22.73	23.04
5700MHz	Pass	6.94	16.56	15.05	15.62	16.60	22.03	23.04
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	15.58	16.16	14.65	15.14	21.44	21.94
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	10.89	10.86	9.74	9.53	16.32	29.06
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	17.31	16.85	17.29	17.50	23.26	23.98
5310MHz	Pass	5.88	16.70	17.18	17.66	16.87	23.14	23.98
5510MHz	Pass	6.94	17.17	16.24	16.76	16.96	22.82	23.04
5550MHz	Pass	6.94	17.33	17.02	16.17	16.73	22.85	23.04
5670MHz	Pass	6.94	16.49	16.43	15.34	16.33	22.19	23.04
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	16.41	16.28	15.35	16.24	22.11	23.04
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	5.73	5.65	4.54	5.41	11.38	29.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	17.64	18.05	17.35	17.04	23.56	23.98
5310MHz	Pass	5.88	16.71	18.23	17.68	17.97	23.70	23.98
5510MHz	Pass	6.94	17.32	16.47	16.56	17.07	22.89	23.04
5550MHz	Pass	6.94	17.94	16.42	16.34	16.95	22.98	23.04
5670MHz	Pass	6.94	16.82	16.90	15.65	16.77	22.58	23.04
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	16.57	16.41	15.60	16.33	22.26	23.04

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	6.66	6.47	5.28	6.34	12.24	29.06
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	16.94	17.23	17.00	16.87	23.03	23.98
5530MHz	Pass	6.94	16.92	15.23	15.48	15.74	21.91	23.04
5610MHz	Pass	6.94	16.76	15.86	15.39	15.98	22.05	23.04
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	16.66	16.68	15.77	16.37	22.41	23.04
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	1.83	1.96	0.68	1.60	7.57	29.06
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	17.06	17.23	17.48	17.84	23.43	23.98
5530MHz	Pass	6.94	16.60	15.69	16.07	16.32	22.20	23.04
5610MHz	Pass	6.94	16.08	16.30	15.90	16.31	22.17	23.04
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	17.00	16.89	16.00	16.73	22.69	23.04
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	2.90	2.96	1.69	2.60	8.59	29.06

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

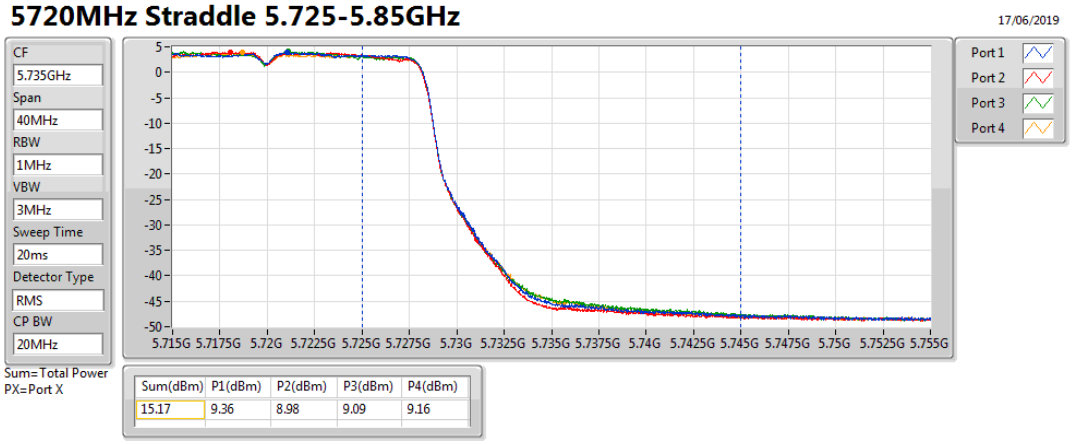
802.11a_Nss1,(6Mbps)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



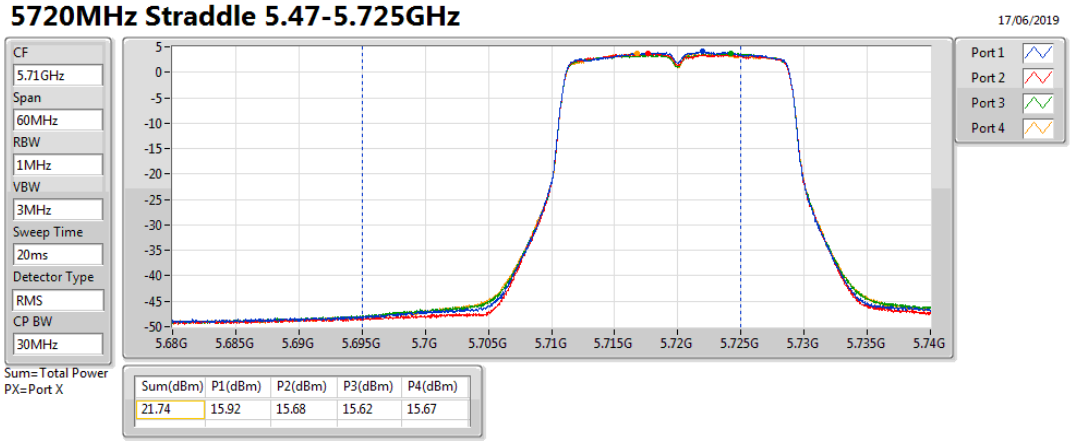
802.11a_Nss1,(6Mbps)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



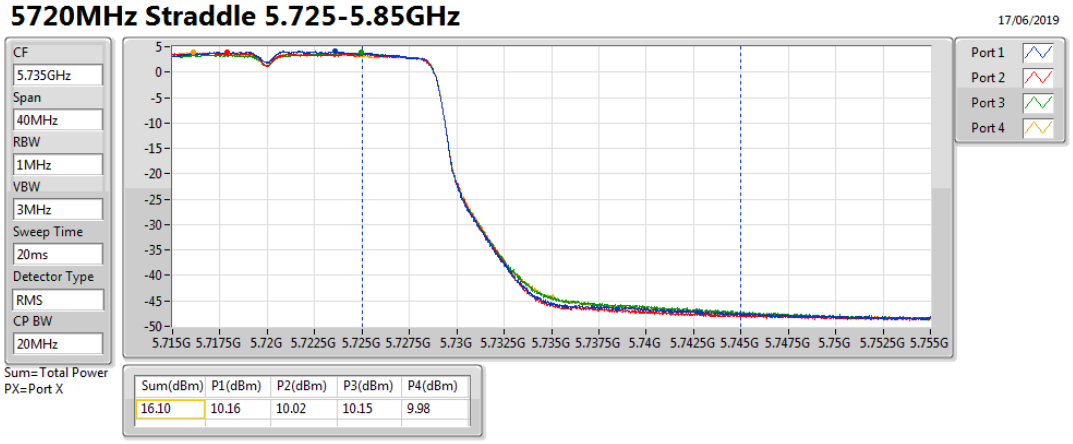
802.11ac VHT20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



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

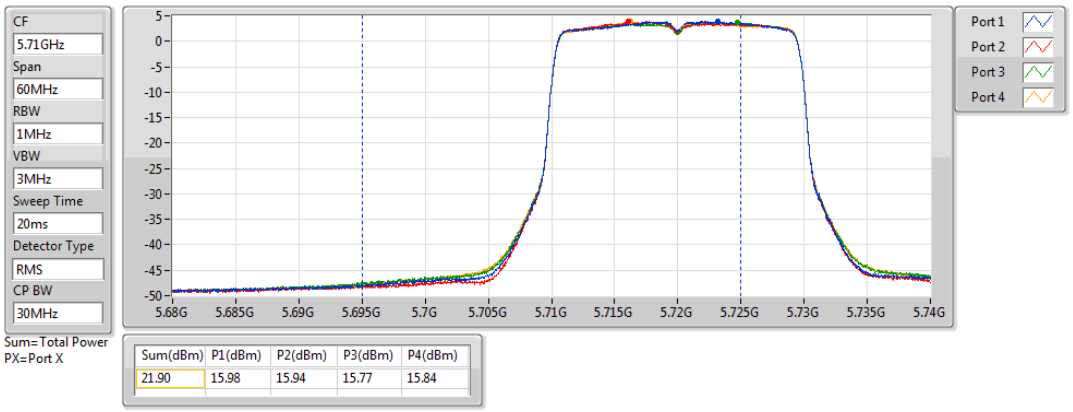
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.10	10.16	10.02	10.15	9.98

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

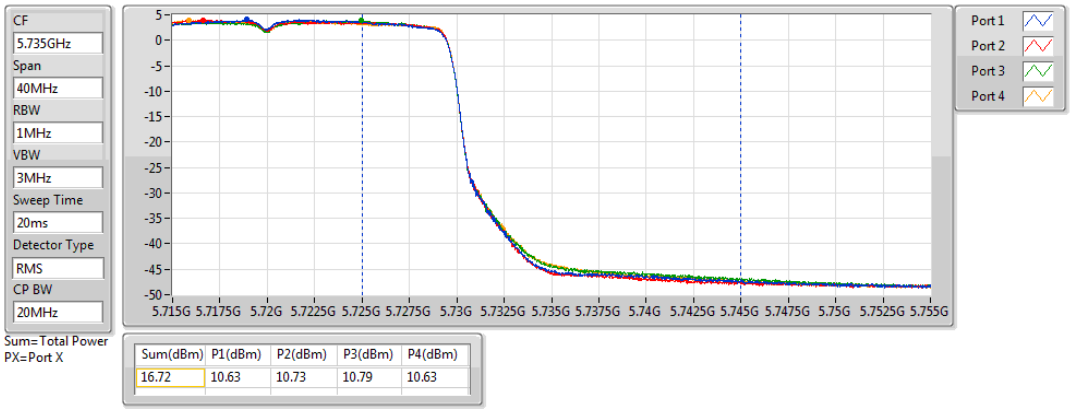
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.90	15.98	15.94	15.77	15.84

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

5720MHz Straddle 5.725-5.85GHz

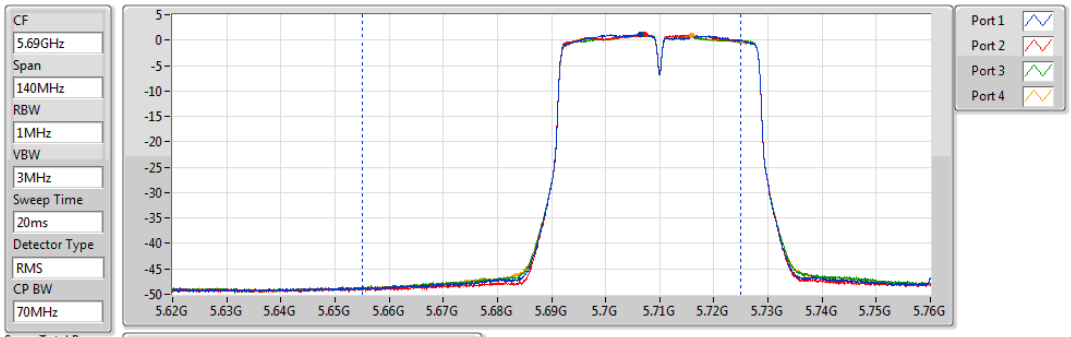


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.72	10.63	10.73	10.79	10.63

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

5710MHz Straddle 5.47-5.725GHz

17/06/2019

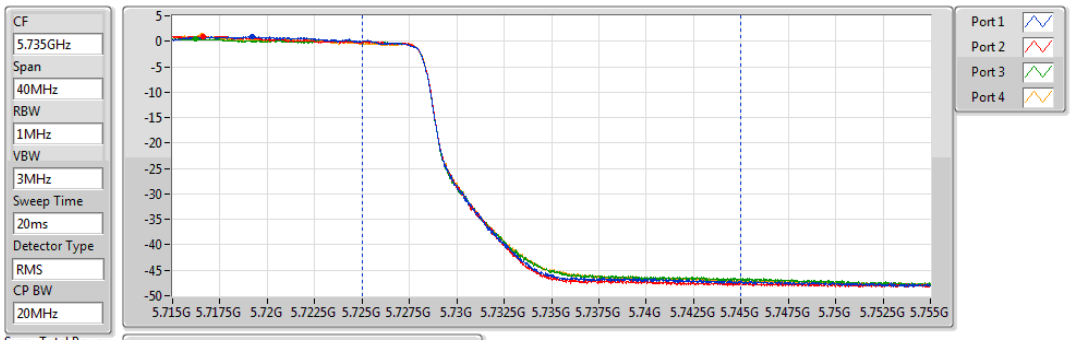


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.71	16.79	16.78	16.55	16.62

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

5710MHz Straddle 5.725-5.85GHz

17/06/2019

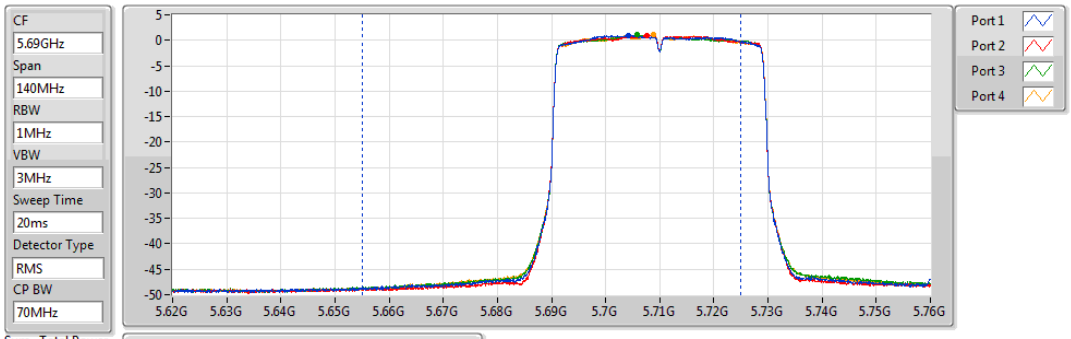


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.89	5.90	5.92	5.89	5.75

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

5710MHz Straddle 5.47-5.725GHz

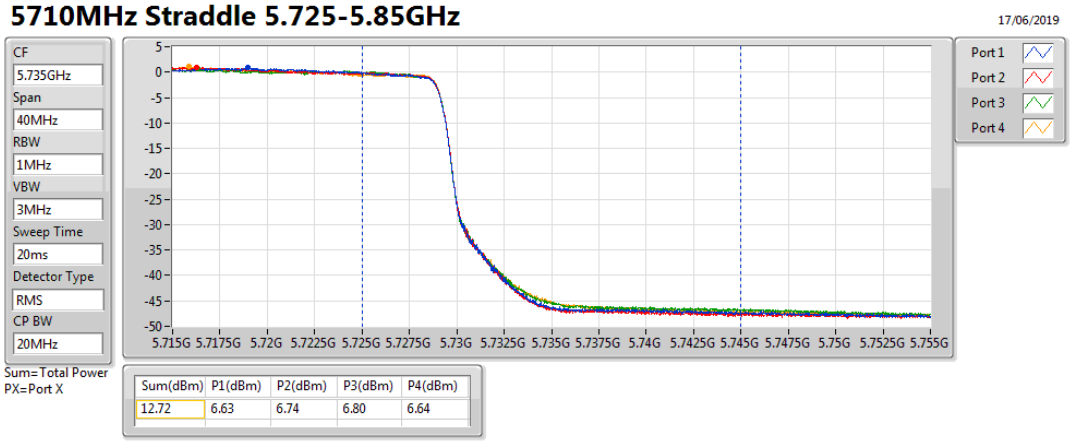
17/06/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.78	16.82	16.79	16.70	16.71

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

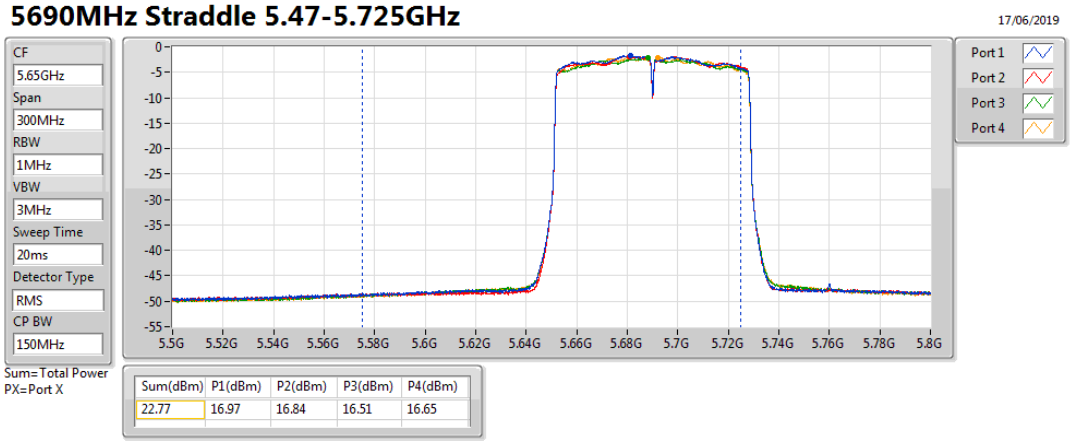
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.72	6.63	6.74	6.80	6.64

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

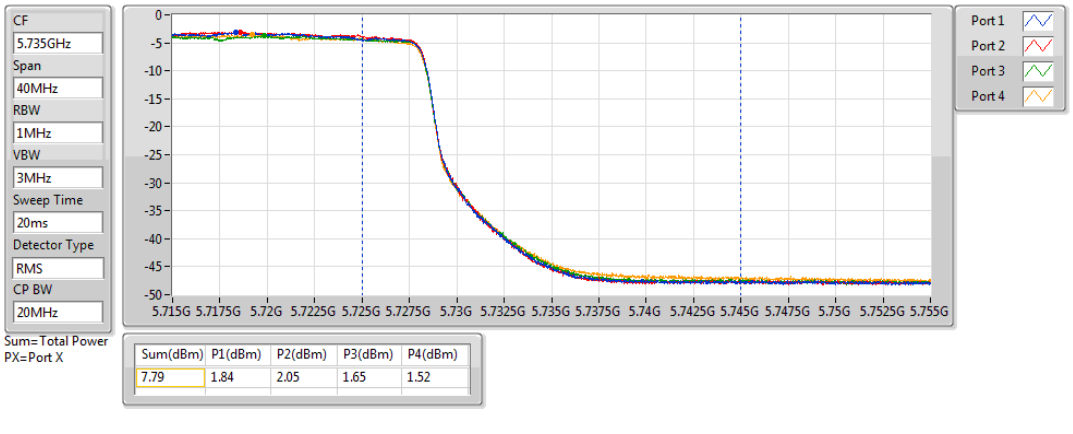
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.77	16.97	16.84	16.51	16.65

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

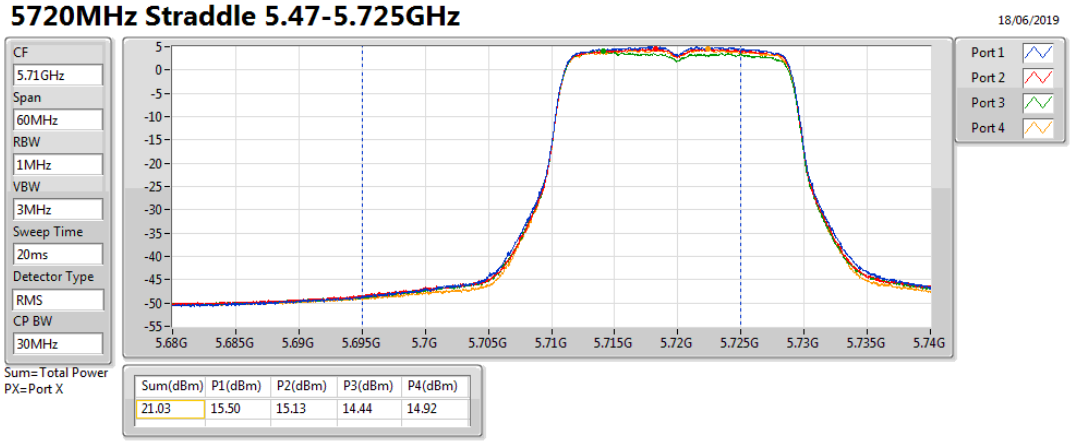
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.79	1.84	2.05	1.65	1.52

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

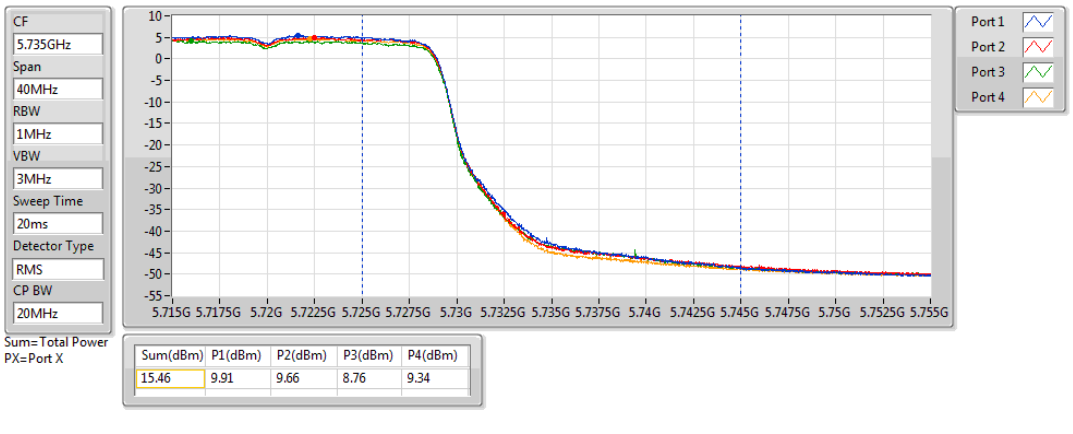
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.03	15.50	15.13	14.44	14.92

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

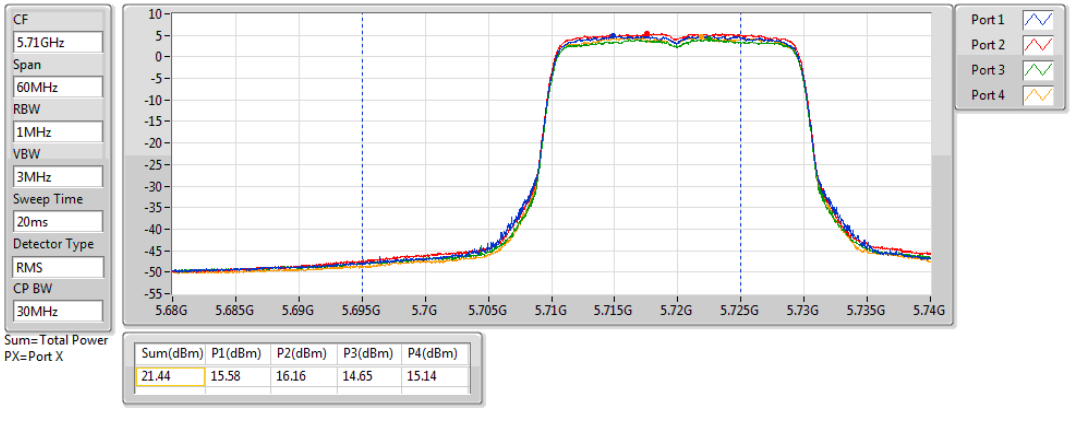
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.46	9.91	9.66	8.76	9.34

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

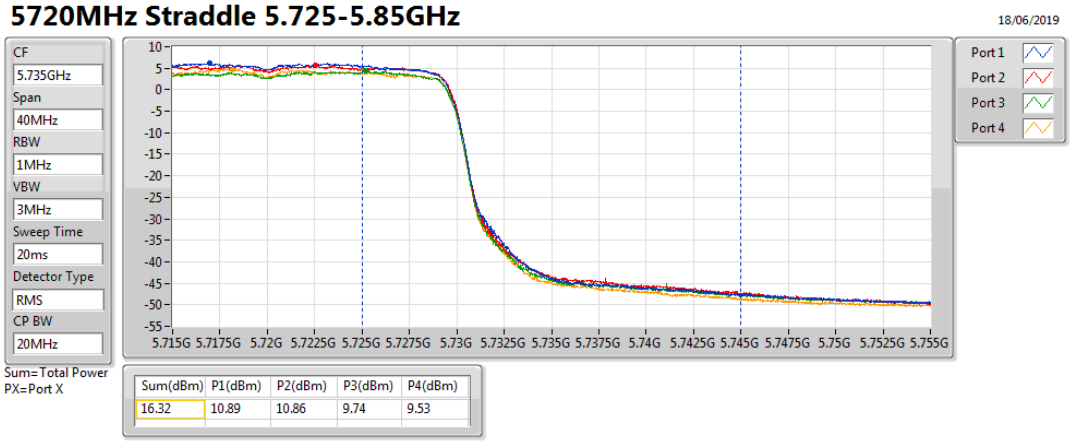
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.44	15.58	16.16	14.65	15.14

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

5720MHz Straddle 5.725-5.85GHz

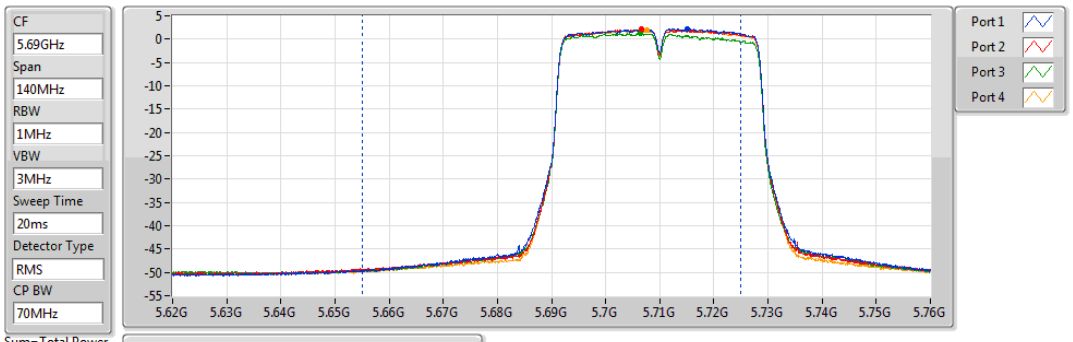


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.32	10.89	10.86	9.74	9.53

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

5710MHz Straddle 5.47-5.725GHz

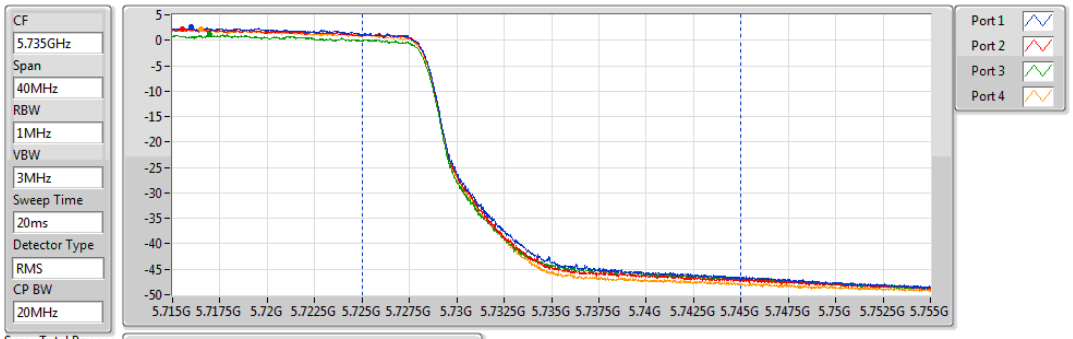


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.11	16.41	16.28	15.35	16.24

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

5710MHz Straddle 5.725-5.85GHz

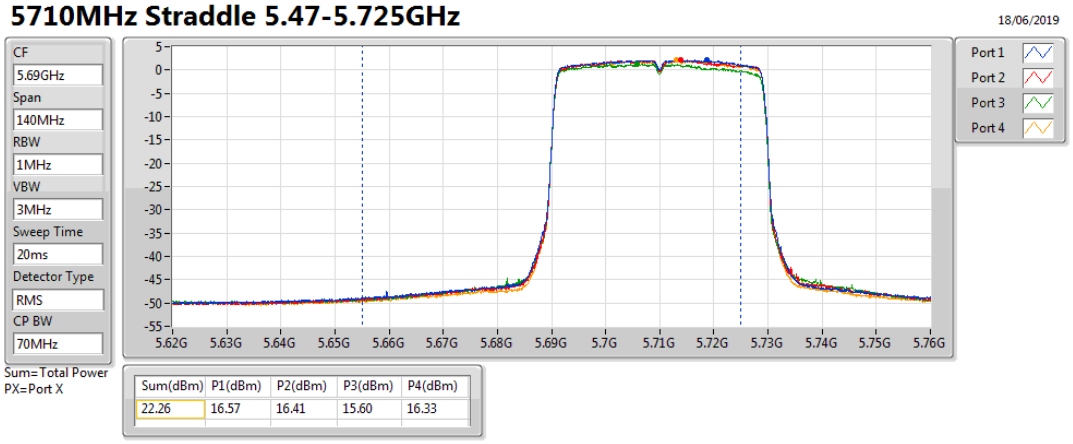


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.38	5.73	5.65	4.54	5.41

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

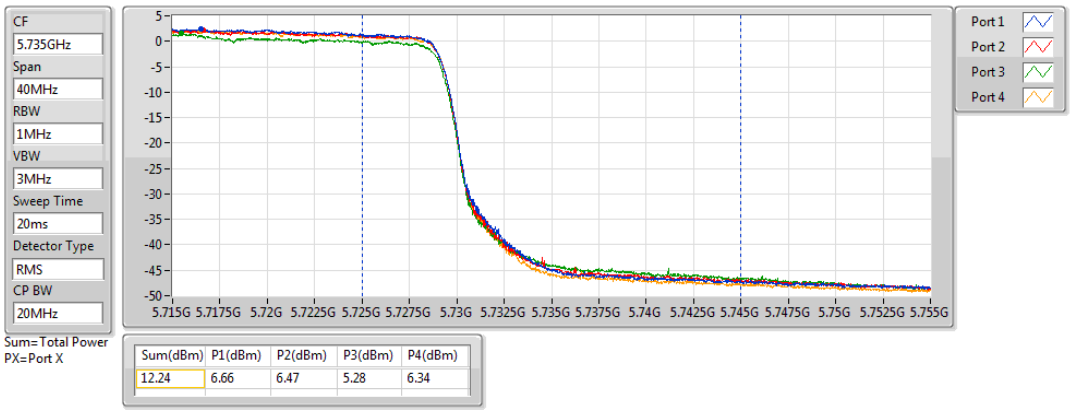
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.26	16.57	16.41	15.60	16.33

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

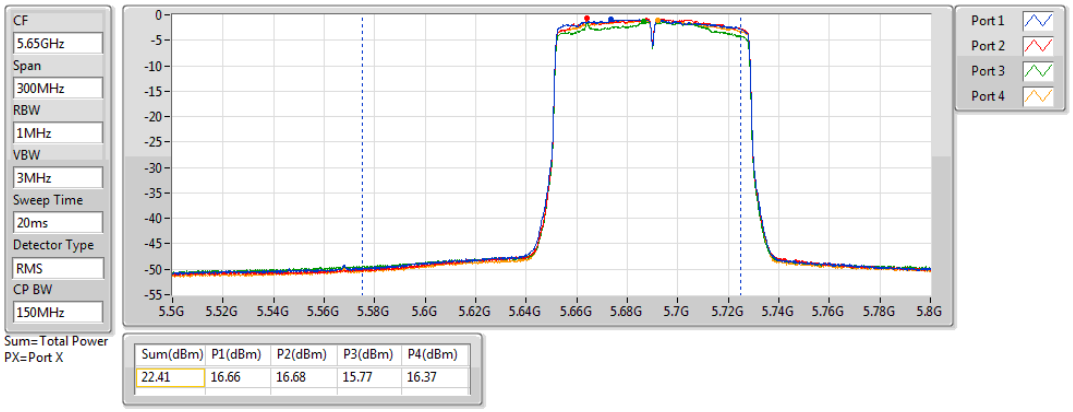
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.24	6.66	6.47	5.28	6.34

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

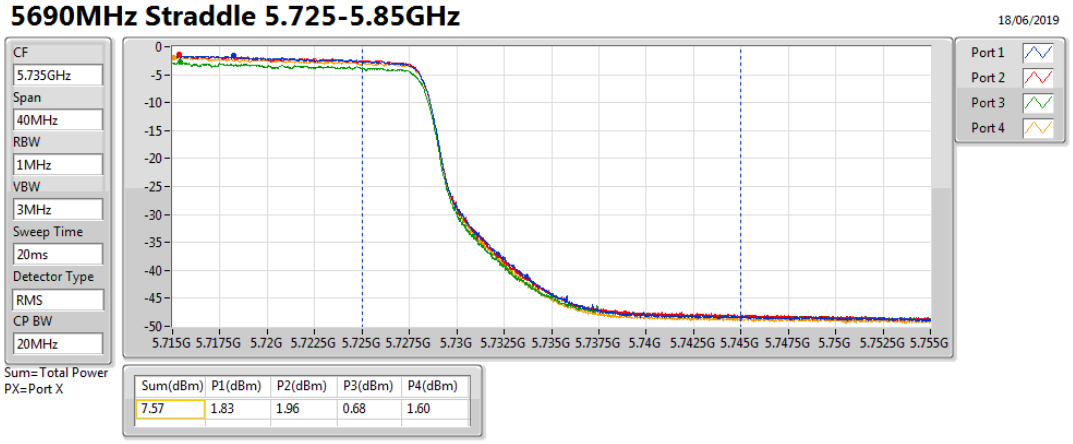
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.41	16.66	16.68	15.77	16.37

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

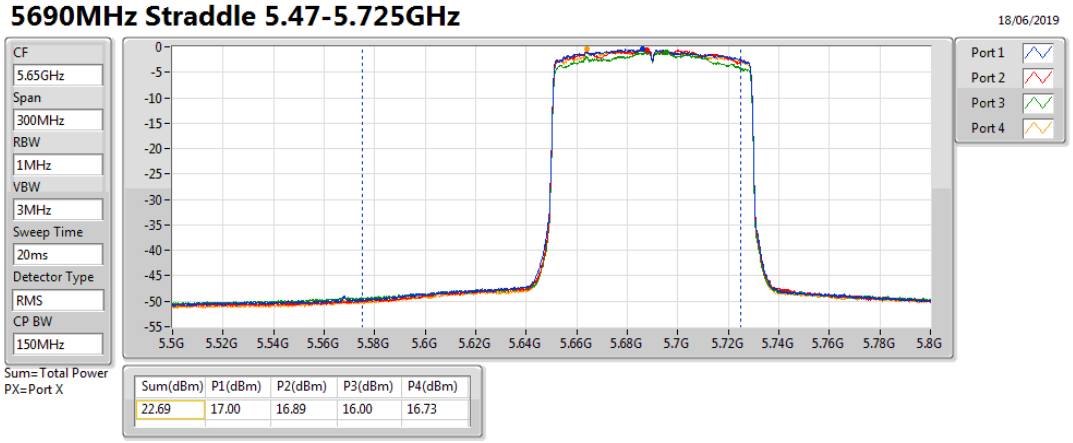
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.57	1.83	1.96	0.68	1.60

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

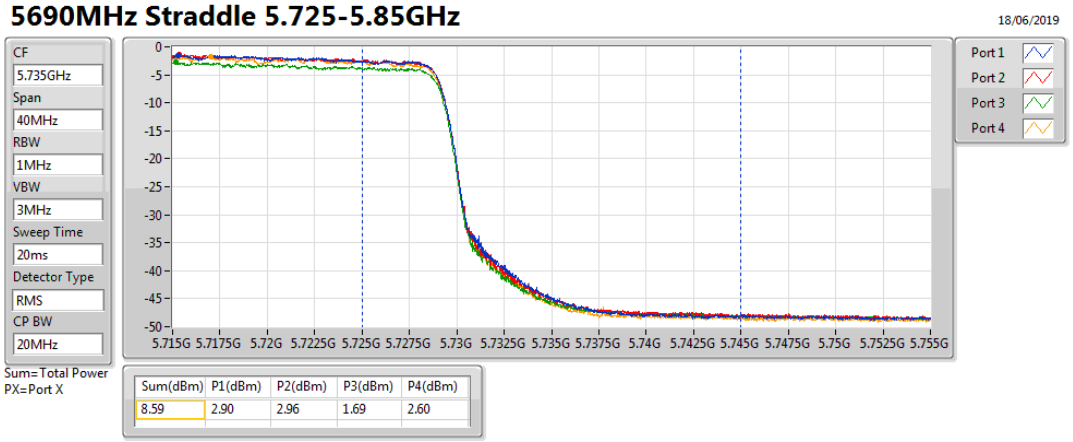
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.69	17.00	16.89	16.00	16.73

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

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.59	2.90	2.96	1.69	2.60

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.44
802.11ac VHT20_Nss1,(MCS0)_4TX	9.72
802.11ax HEW20_Nss1,(MCS0)_4TX	9.83
802.11ac VHT40_Nss1,(MCS0)_4TX	6.72
802.11ax HEW40_Nss1,(MCS0)_4TX	6.68
802.11ac VHT80_Nss1,(MCS0)_4TX	4.35
802.11ax HEW80_Nss1,(MCS0)_4TX	4.42
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	10.02
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.92
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.54
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.01
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.71
802.11ac VHT20_Nss1,(MCS0)_4TX	9.73
802.11ax HEW20_Nss1,(MCS0)_4TX	9.77
802.11ac VHT40_Nss1,(MCS0)_4TX	6.97
802.11ax HEW40_Nss1,(MCS0)_4TX	6.86
802.11ac VHT80_Nss1,(MCS0)_4TX	3.80
802.11ax HEW80_Nss1,(MCS0)_4TX	4.15
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.45
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.31
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.80
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.72
802.11ac VHT20_Nss1,(MCS0)_4TX	7.97
802.11ax HEW20_Nss1,(MCS0)_4TX	7.22
802.11ac VHT40_Nss1,(MCS0)_4TX	4.40
802.11ax HEW40_Nss1,(MCS0)_4TX	4.22
802.11ac VHT80_Nss1,(MCS0)_4TX	0.27
802.11ax HEW80_Nss1,(MCS0)_4TX	0.46
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	7.33
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.57
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.84
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.14
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.27

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	5.88	4.84	4.85	4.49	3.84	10.44	11.00
5300MHz	Pass	5.88	4.06	4.25	4.19	4.49	10.15	11.00
5320MHz	Pass	5.88	4.36	4.45	4.25	4.47	10.12	11.00
5500MHz	Pass	6.94	4.39	4.02	3.97	3.66	9.70	10.06
5580MHz	Pass	6.94	3.85	4.13	3.86	3.75	9.71	10.06
5700MHz	Pass	6.94	3.99	3.66	3.65	3.66	9.49	10.06
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	3.78	3.92	3.95	3.82	9.62	10.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	1.84	1.82	1.43	1.88	7.72	29.06
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	3.92	4.43	3.51	3.64	9.72	11.00
5300MHz	Pass	5.88	3.52	3.32	3.76	3.76	9.31	11.00
5320MHz	Pass	5.88	3.75	3.91	3.40	3.79	9.55	11.00
5500MHz	Pass	6.94	4.29	3.97	4.01	3.63	9.73	10.06
5580MHz	Pass	6.94	3.77	3.75	3.93	3.97	9.66	10.06
5700MHz	Pass	6.94	4.02	3.89	3.59	3.99	9.73	10.06
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	4.00	3.86	3.72	3.71	9.63	10.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	2.27	1.79	2.19	1.64	7.97	29.06
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	4.20	4.57	3.93	3.56	9.83	11.00
5300MHz	Pass	5.88	3.66	4.06	3.75	4.09	9.72	11.00
5320MHz	Pass	5.88	3.99	3.95	3.60	4.26	9.71	11.00
5500MHz	Pass	6.94	4.10	4.08	3.98	3.79	9.77	10.06
5580MHz	Pass	6.94	3.84	4.09	3.55	3.63	9.55	10.06
5700MHz	Pass	6.94	4.03	3.94	3.78	3.95	9.71	10.06
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	3.37	3.36	3.25	3.36	9.22	10.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	1.13	1.49	0.93	1.48	7.22	29.06
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	1.38	1.07	0.74	0.57	6.72	11.00
5310MHz	Pass	5.88	0.68	0.65	0.70	1.08	6.44	11.00
5510MHz	Pass	6.94	1.06	1.13	0.95	0.61	6.72	10.06
5550MHz	Pass	6.94	0.82	0.71	0.96	0.66	6.59	10.06
5670MHz	Pass	6.94	1.15	1.22	0.74	1.30	6.95	10.06
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	1.10	1.06	0.95	1.12	6.97	10.06
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	-1.45	-1.50	-1.49	-1.82	4.40	29.06
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	1.38	1.28	0.80	0.64	6.66	11.00
5310MHz	Pass	5.88	0.81	0.73	0.82	1.16	6.68	11.00
5510MHz	Pass	6.94	1.11	0.83	0.97	0.52	6.75	10.06
5550MHz	Pass	6.94	0.93	0.71	0.58	0.58	6.51	10.06
5670MHz	Pass	6.94	0.87	0.89	0.91	1.24	6.67	10.06
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	1.01	0.85	1.03	0.96	6.86	10.06
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	-1.63	-1.72	-1.46	-2.04	4.22	29.06

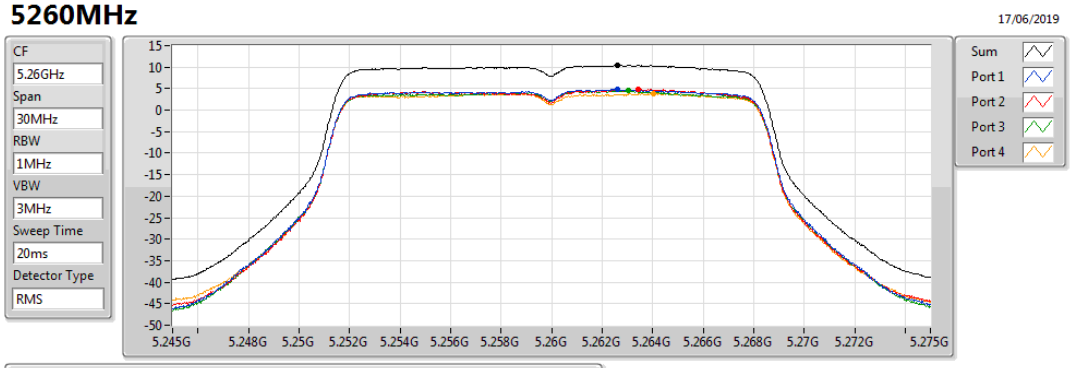
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	-1.53	-1.48	-1.64	-1.40	4.35	11.00
5530MHz	Pass	6.94	-2.32	-2.32	-2.59	-2.63	3.29	10.06
5610MHz	Pass	6.94	-1.88	-2.37	-2.50	-2.38	3.56	10.06
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	-1.77	-1.92	-2.04	-2.07	3.80	10.06
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	-5.64	-5.56	-5.82	-5.74	0.27	29.06
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	-1.31	-1.06	-2.08	-0.81	4.42	11.00
5530MHz	Pass	6.94	-2.03	-1.98	-2.53	-2.49	3.53	10.06
5610MHz	Pass	6.94	-1.89	-2.09	-2.21	-2.10	3.62	10.06
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	-1.59	-1.77	-1.85	-1.68	4.15	10.06
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	-5.56	-5.26	-5.63	-5.63	0.46	29.06
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	4.17	4.35	4.17	4.13	10.02	11.00
5300MHz	Pass	5.88	3.62	4.21	4.05	3.90	9.77	11.00
5320MHz	Pass	5.88	3.57	4.08	4.39	4.38	10.01	11.00
5500MHz	Pass	6.94	4.24	2.64	2.66	3.30	9.17	10.06
5580MHz	Pass	6.94	3.47	3.56	3.45	3.20	9.28	10.06
5700MHz	Pass	6.94	3.18	3.08	2.49	2.89	8.82	10.06
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	3.53	3.02	2.69	2.81	8.76	10.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	1.84	1.62	0.95	1.09	7.33	29.06
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.88	3.79	4.10	3.67	3.88	9.72	11.00
5300MHz	Pass	5.88	3.90	4.20	4.20	3.88	9.84	11.00
5320MHz	Pass	5.88	3.71	4.16	4.20	4.07	9.92	11.00
5500MHz	Pass	6.94	4.55	2.89	2.96	3.69	9.45	10.06
5580MHz	Pass	6.94	4.00	3.99	2.91	3.26	9.45	10.06
5700MHz	Pass	6.94	3.41	3.26	2.39	3.35	8.99	10.06
5720MHz Straddle 5.47-5.725GHz	Pass	6.94	4.38	3.84	2.75	2.87	9.26	10.06
5720MHz Straddle 5.725-5.85GHz	Pass	6.94	2.38	1.99	1.21	0.79	7.57	29.06
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	1.64	1.68	1.92	1.65	7.62	11.00
5310MHz	Pass	5.88	0.93	1.51	1.75	1.14	7.13	11.00
5510MHz	Pass	6.94	1.56	0.46	0.96	1.27	7.01	10.06
5550MHz	Pass	6.94	1.57	1.31	0.58	0.99	7.01	10.06
5670MHz	Pass	6.94	0.75	2.34	0.57	1.05	7.18	10.06
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	0.58	0.46	-0.41	0.47	6.18	10.06
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	-1.61	-1.84	-2.91	-1.85	3.96	29.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.88	1.58	2.30	1.58	1.86	7.47	11.00
5310MHz	Pass	5.88	0.70	2.11	2.01	2.06	7.54	11.00
5510MHz	Pass	6.94	1.59	0.35	0.97	1.10	6.87	10.06
5550MHz	Pass	6.94	1.55	1.26	0.52	1.03	7.05	10.06
5670MHz	Pass	6.94	0.97	1.94	0.04	2.42	7.31	10.06
5710MHz Straddle 5.47-5.725GHz	Pass	6.94	0.78	0.66	-0.16	0.36	6.19	10.06

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)
5710MHz Straddle 5.725-5.85GHz	Pass	6.94	-1.77	-1.82	-2.67	-2.07	3.84	29.06
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	-1.92	-0.78	-1.45	-0.62	4.71	11.00
5530MHz	Pass	6.94	-1.98	-3.56	-3.25	-3.16	2.89	10.06
5610MHz	Pass	6.94	-1.98	-2.85	-1.66	-1.87	3.66	10.06
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	-2.04	-1.54	-2.74	-2.29	3.61	10.06
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	-5.79	-5.66	-6.59	-5.96	-0.14	29.06
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.88	-1.83	-0.53	-0.85	-0.46	5.01	11.00
5530MHz	Pass	6.94	-2.52	-2.98	-2.62	-2.80	3.04	10.06
5610MHz	Pass	6.94	-2.11	-2.59	-1.39	-2.07	3.65	10.06
5690MHz Straddle 5.47-5.725GHz	Pass	6.94	-1.92	-1.77	-2.36	-1.91	3.80	10.06
5690MHz Straddle 5.725-5.85GHz	Pass	6.94	-5.27	-5.24	-6.61	-5.60	0.27	29.06

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

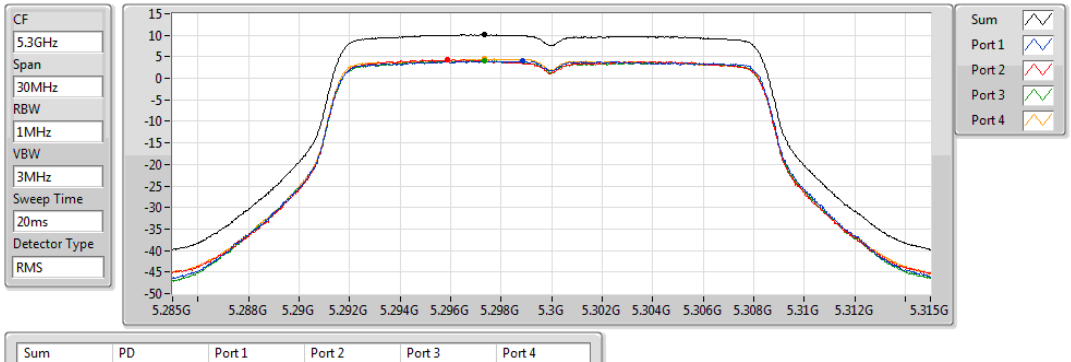
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	4.84	4.85	4.49	3.84

802.11a_Nss1,(6Mbps)_4TX PSD

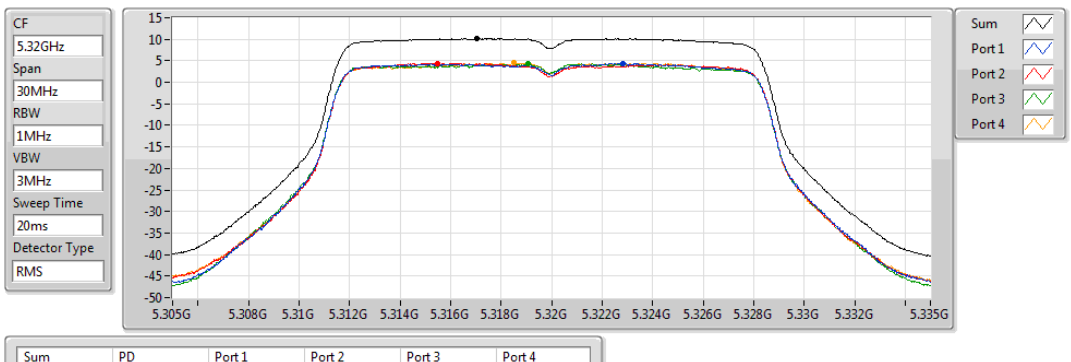
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	4.06	4.25	4.19	4.49

802.11a_Nss1,(6Mbps)_4TX PSD

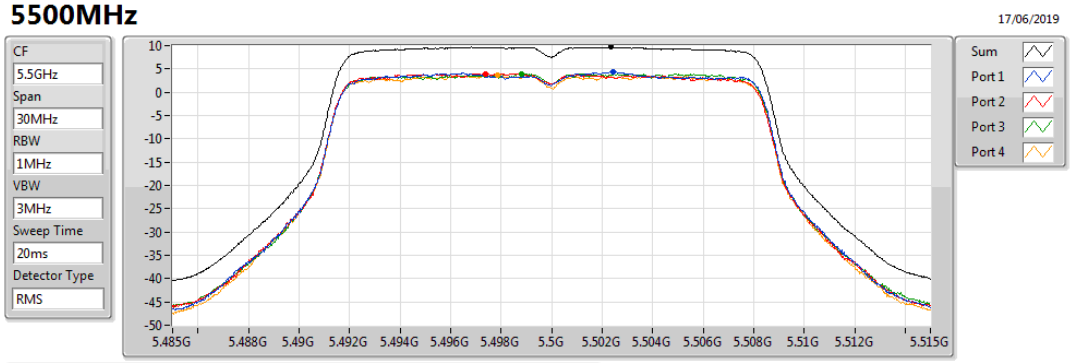
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	4.36	4.45	4.25	4.47

802.11a_Nss1,(6Mbps)_4TX PSD

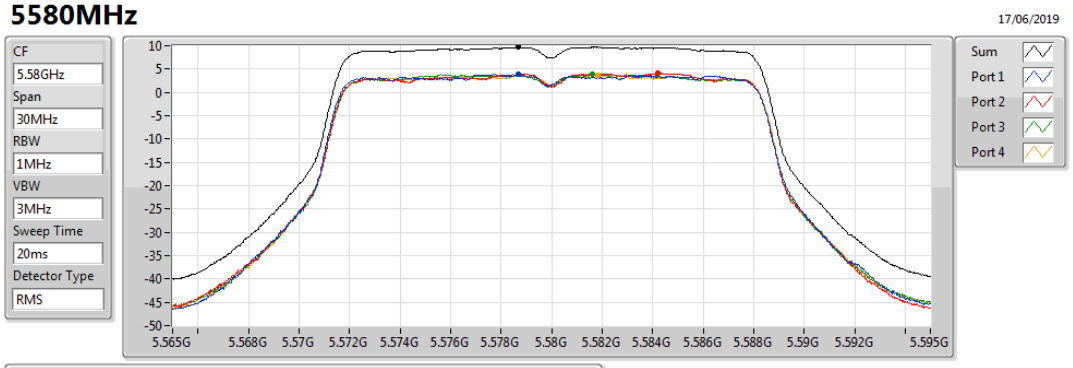
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	4.39	4.02	3.97	3.66

802.11a_Nss1,(6Mbps)_4TX PSD

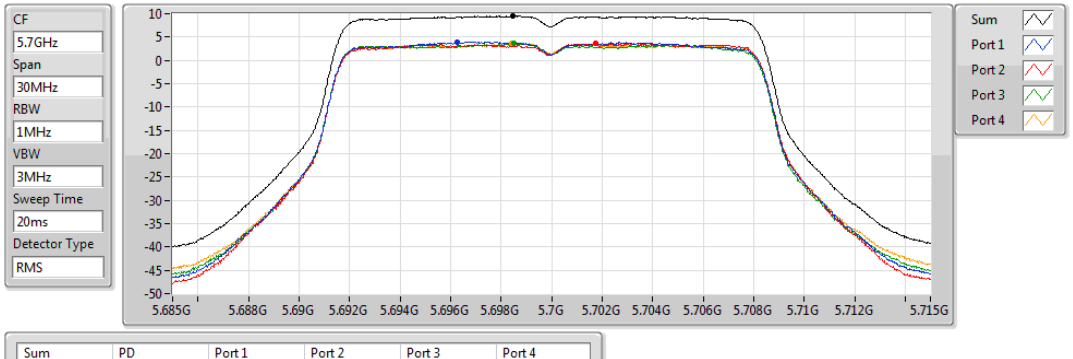
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	3.85	4.13	3.86	3.75

802.11a_Nss1,(6Mbps)_4TX PSD

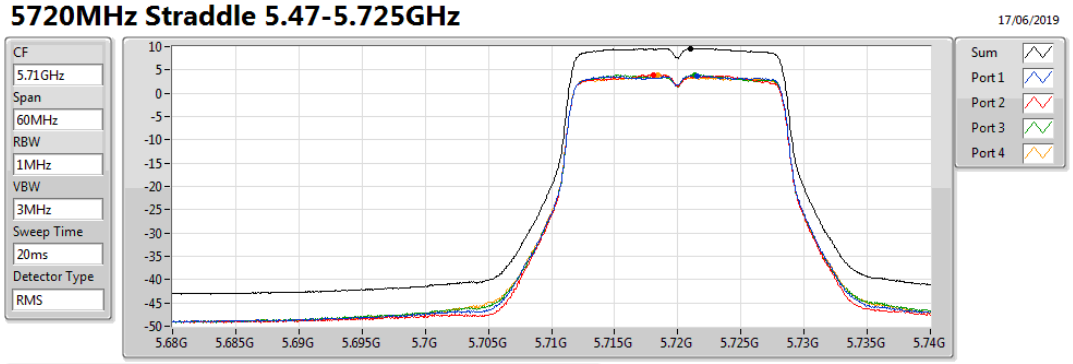
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	3.99	3.66	3.65	3.66

802.11a_Nss1,(6Mbps)_4TX PSD

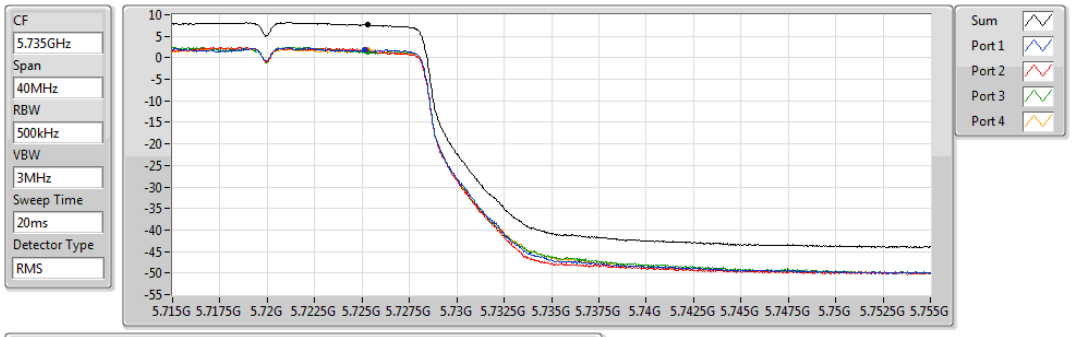
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	3.78	3.92	3.95	3.82

802.11a_Nss1,(6Mbps)_4TX PSD

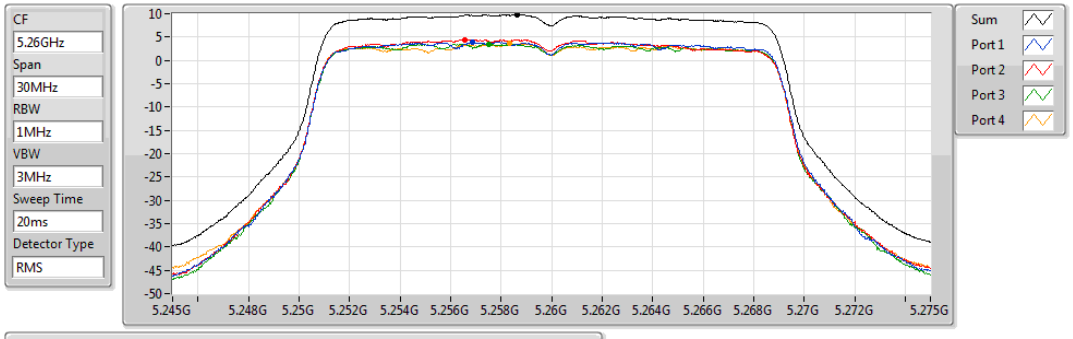
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	1.84	1.82	1.43	1.88

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

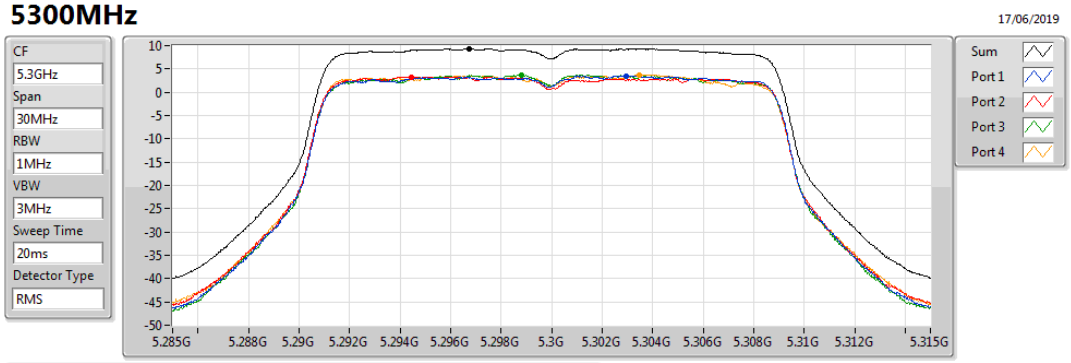
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.92	4.43	3.51	3.64

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

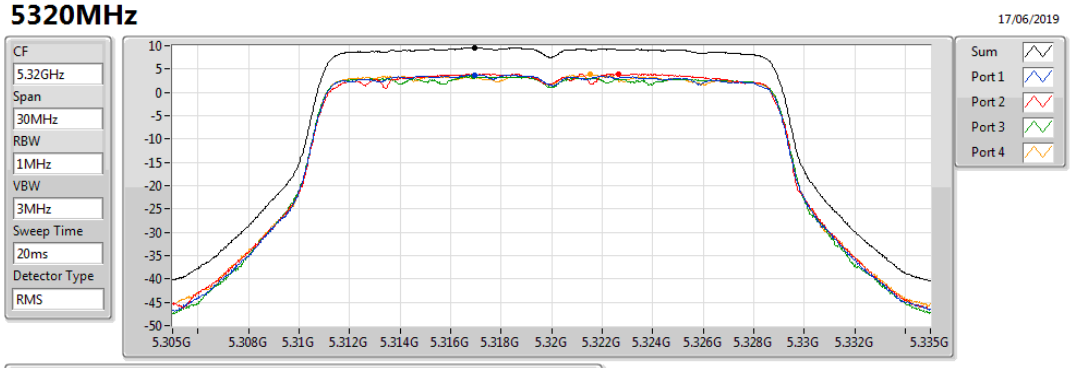
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.31	9.31	3.52	3.32	3.76	3.76

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

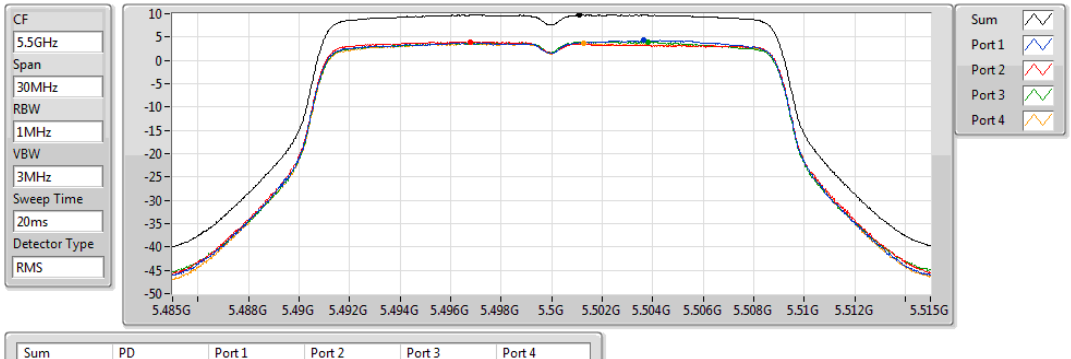
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.75	3.91	3.40	3.79

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

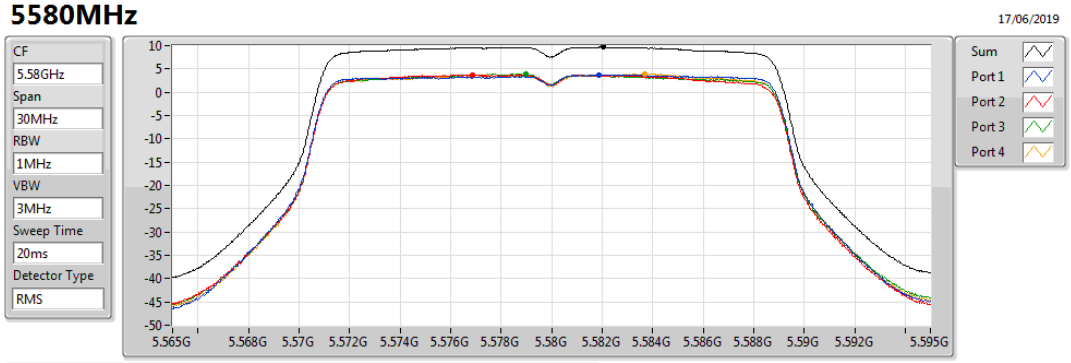
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	4.29	3.97	4.01	3.63

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

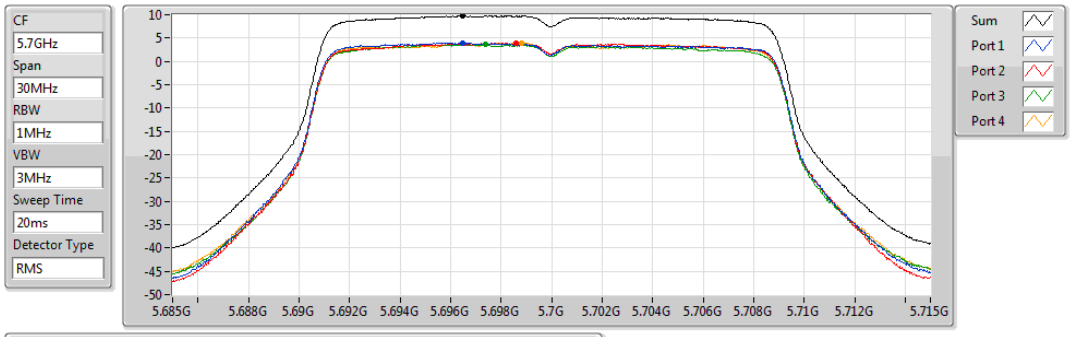
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	3.77	3.75	3.93	3.97

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

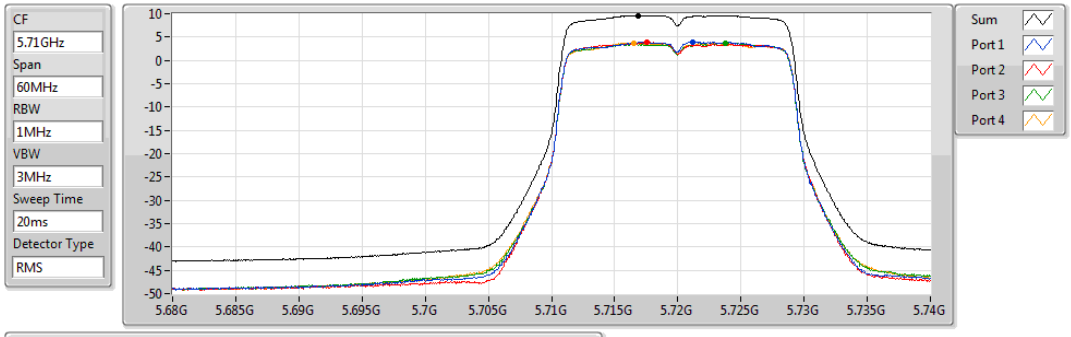
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	4.02	3.89	3.59	3.99

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

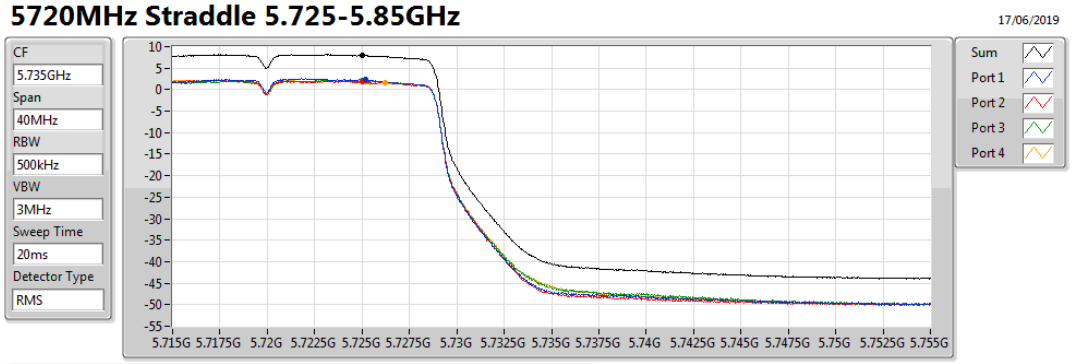
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	4.00	3.86	3.72	3.71

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

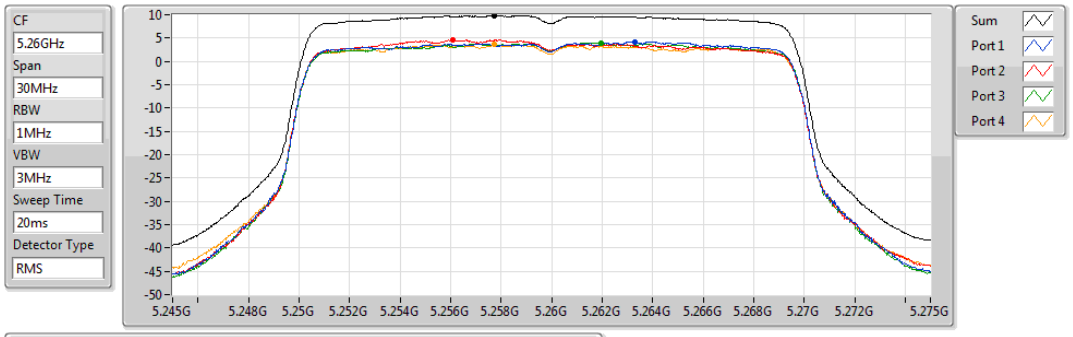
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	2.27	1.79	2.19	1.64

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

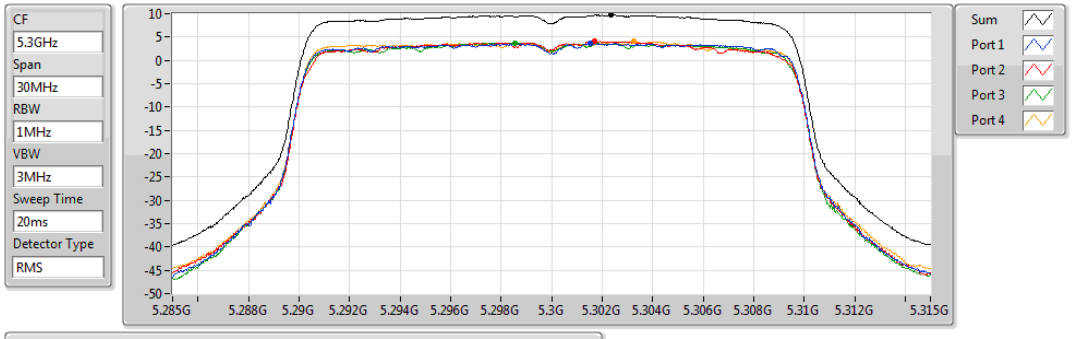
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	4.20	4.57	3.93	3.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

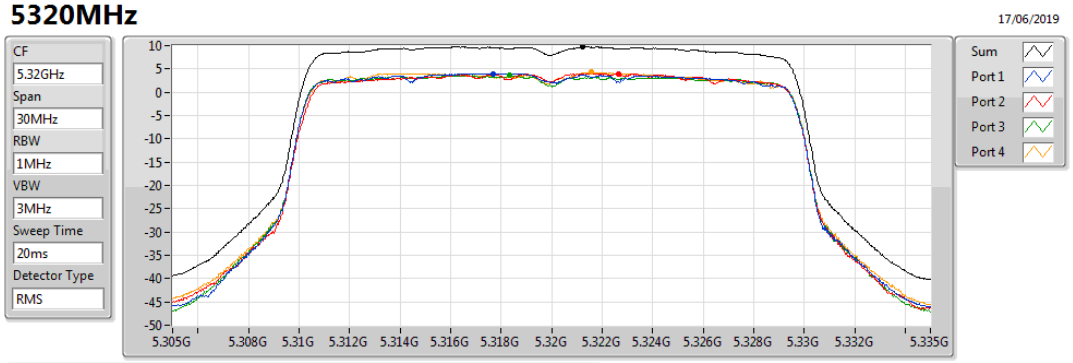
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.66	4.06	3.75	4.09

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

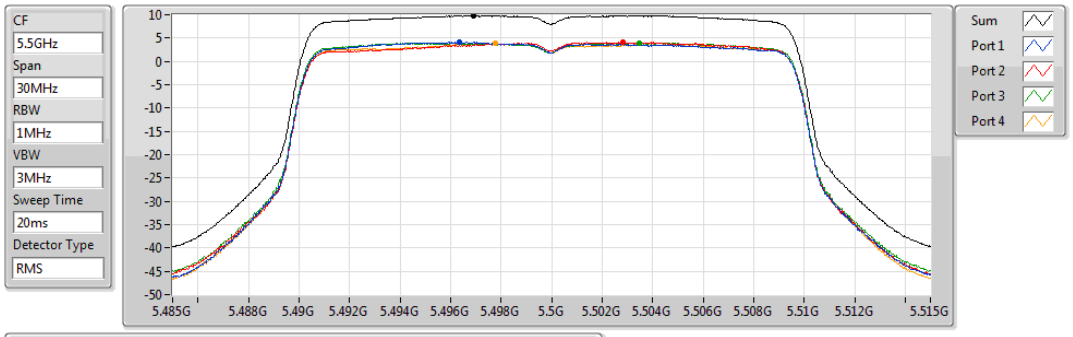
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	3.99	3.95	3.60	4.26

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

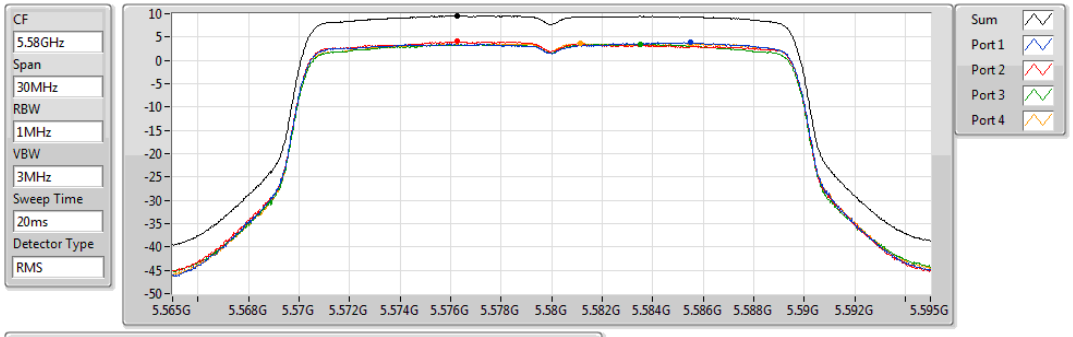
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	4.10	4.08	3.98	3.79

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

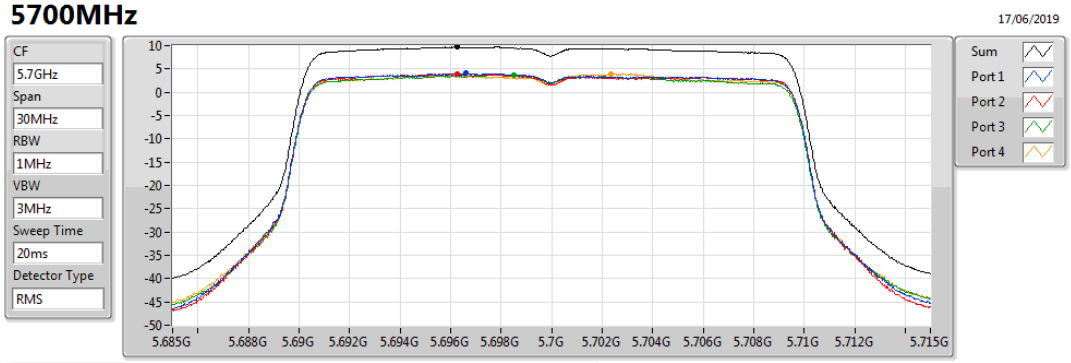
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.84	4.09	3.55	3.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

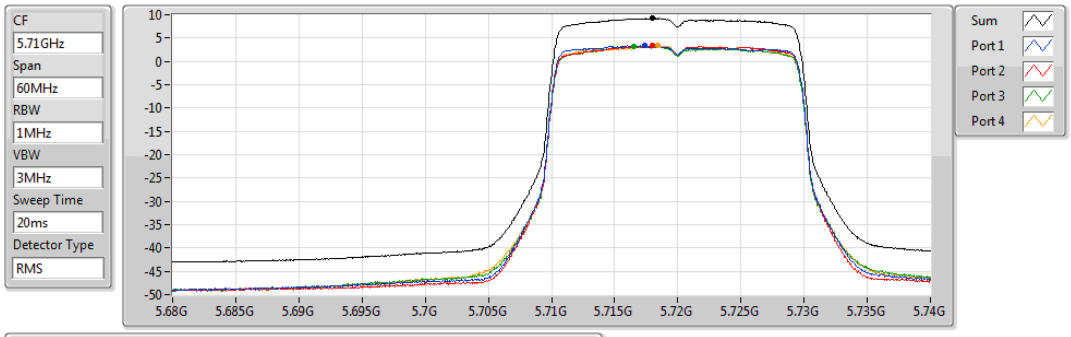
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.71	9.71	4.03	3.94	3.78	3.95

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

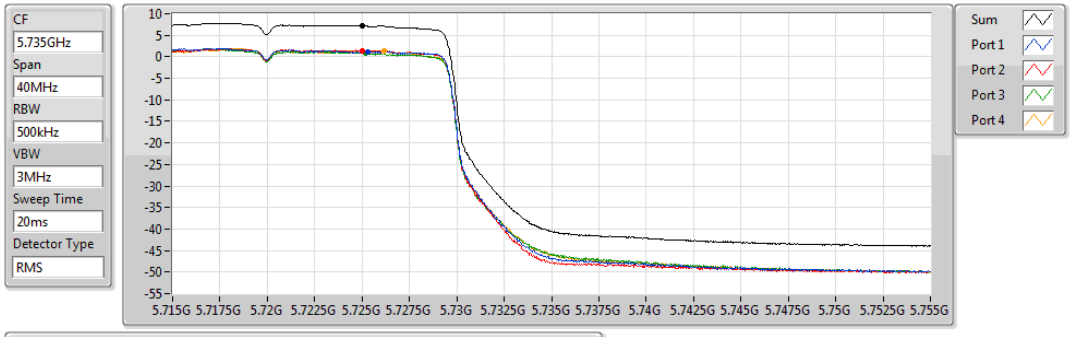
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.22	9.22	3.37	3.36	3.25	3.36

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

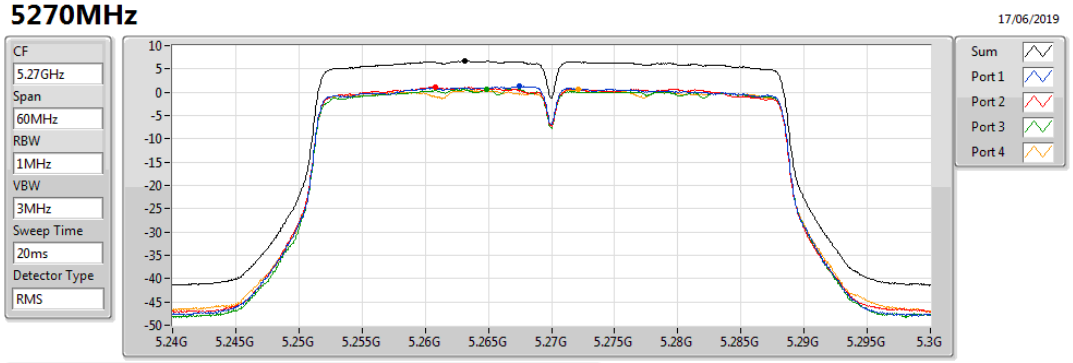
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	1.13	1.49	0.93	1.48

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

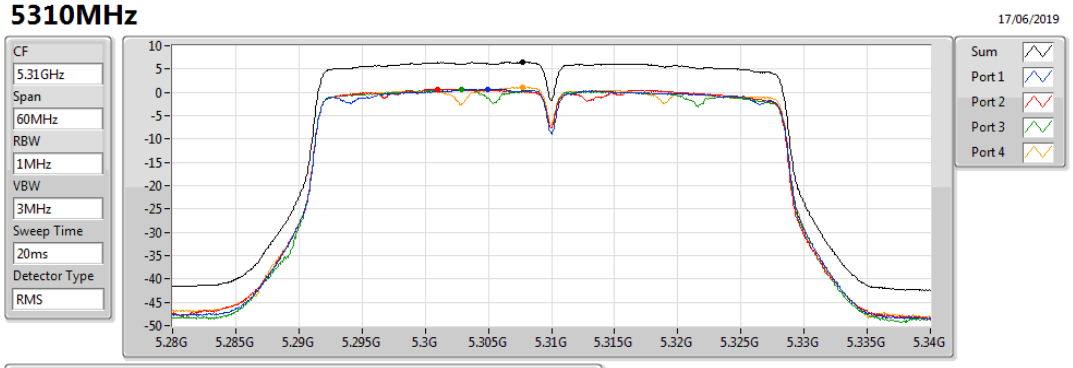
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	1.38	1.07	0.74	0.57

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

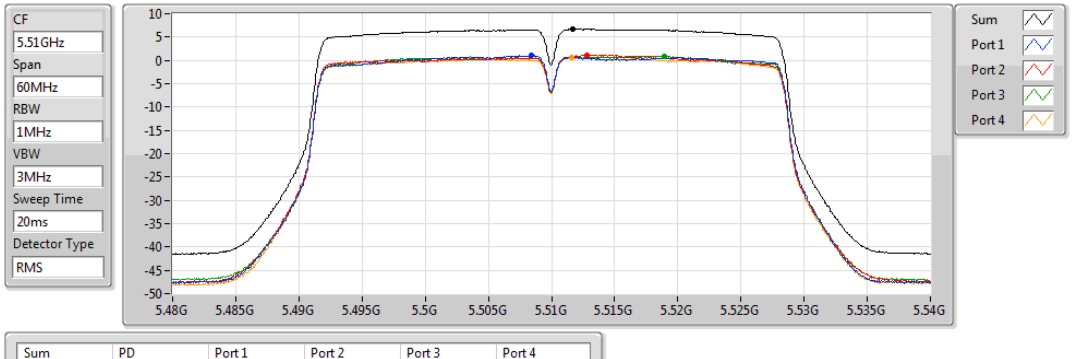
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	0.68	0.65	0.70	1.08

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

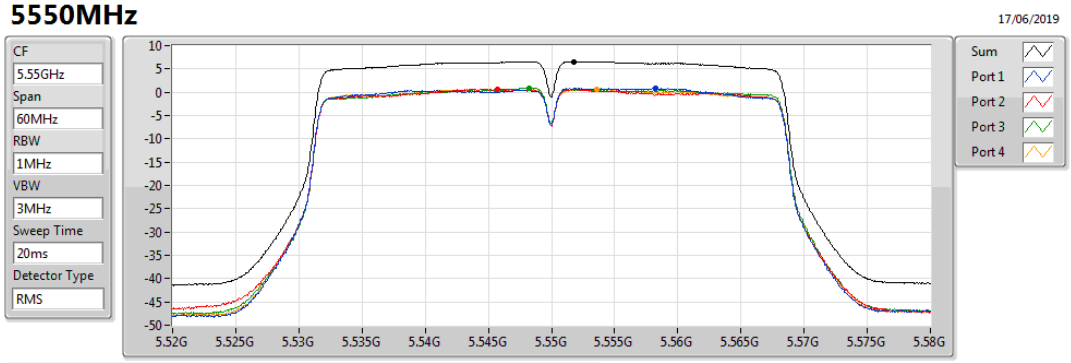
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	1.06	1.13	0.95	0.61

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

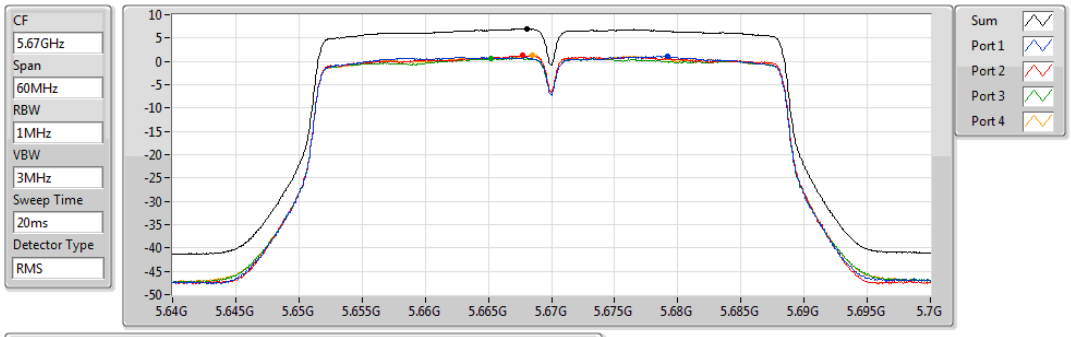
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	0.82	0.71	0.96	0.66

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

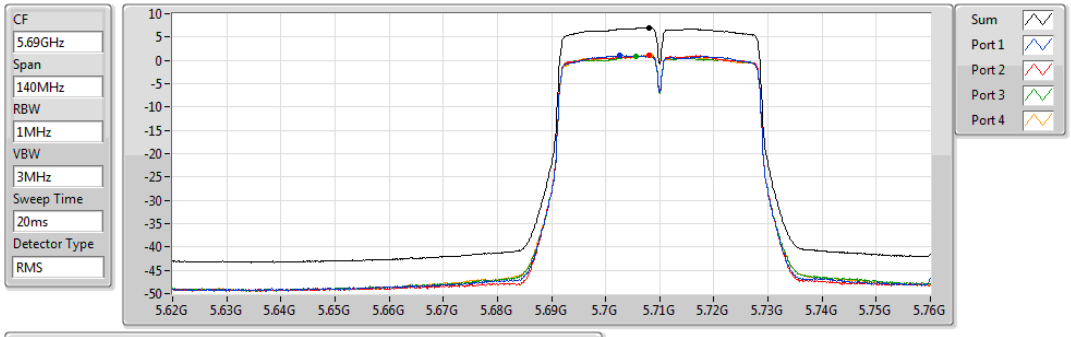
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.95	6.95	1.15	1.22	0.74	1.30

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

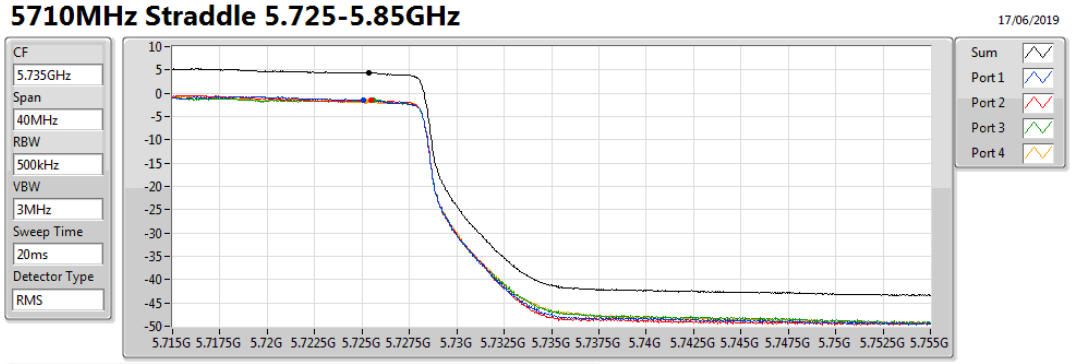
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	1.10	1.06	0.95	1.12

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

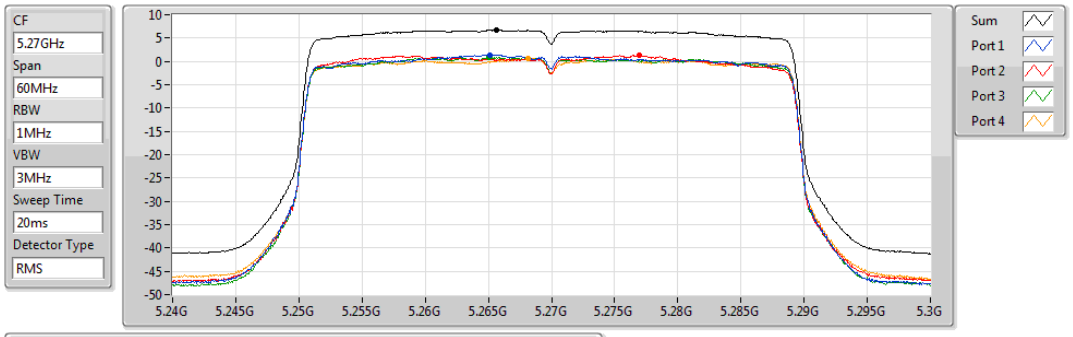
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.40	4.40	-1.45	-1.50	-1.49	-1.82

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

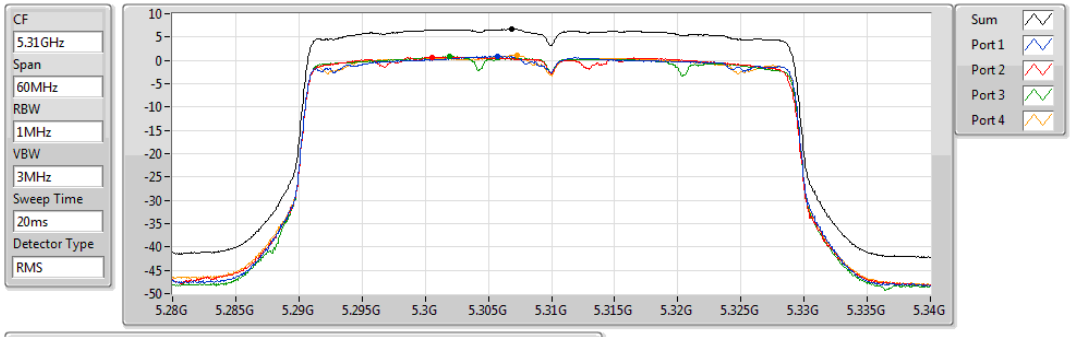
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	1.38	1.28	0.80	0.64

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

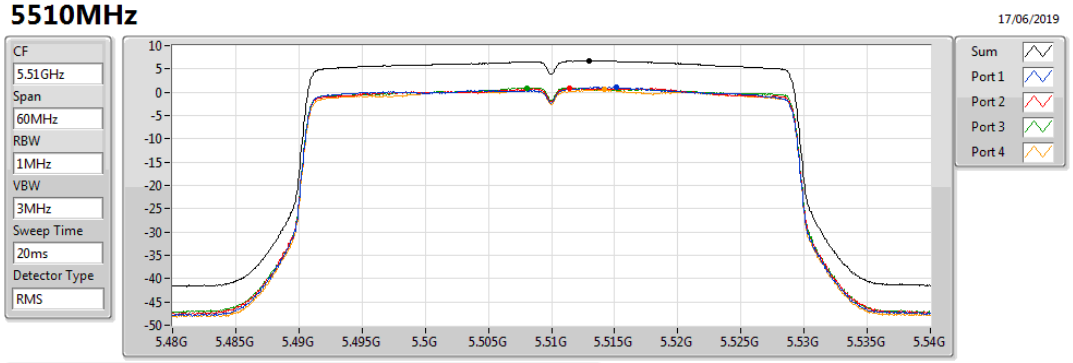
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	0.81	0.73	0.82	1.16

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

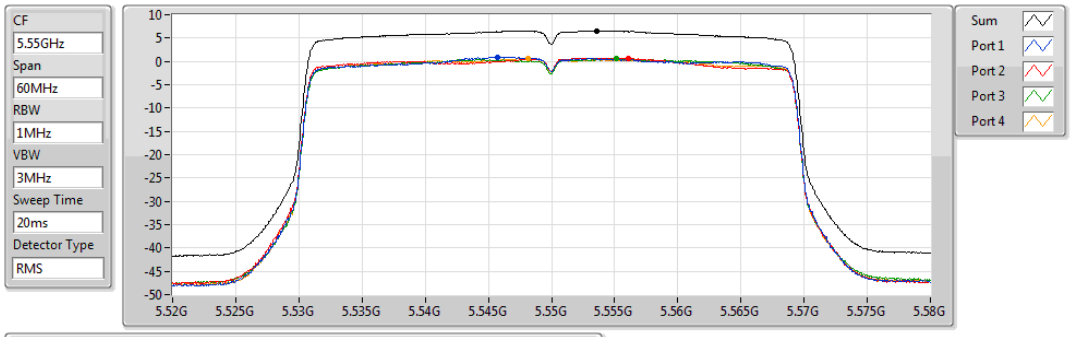
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	1.11	0.83	0.97	0.52

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

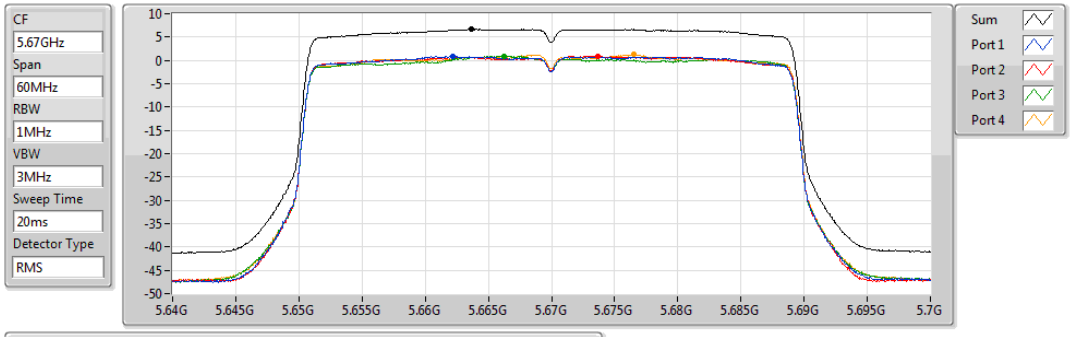
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	0.93	0.71	0.58	0.58

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

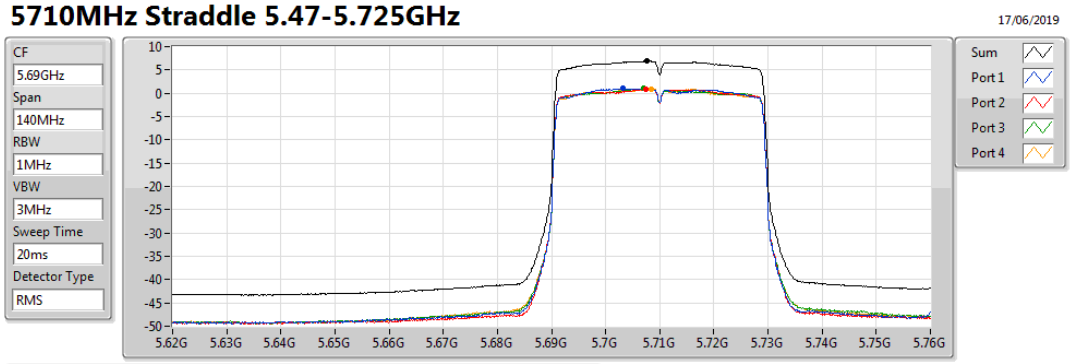
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	0.87	0.89	0.91	1.24

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

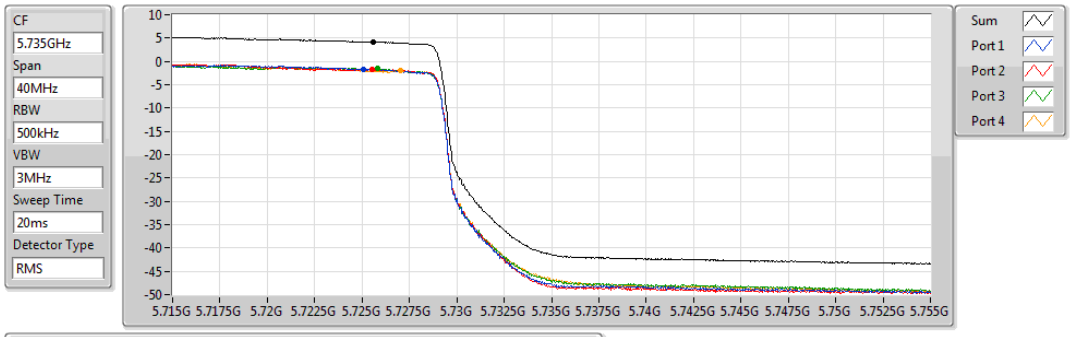
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	1.01	0.85	1.03	0.96

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

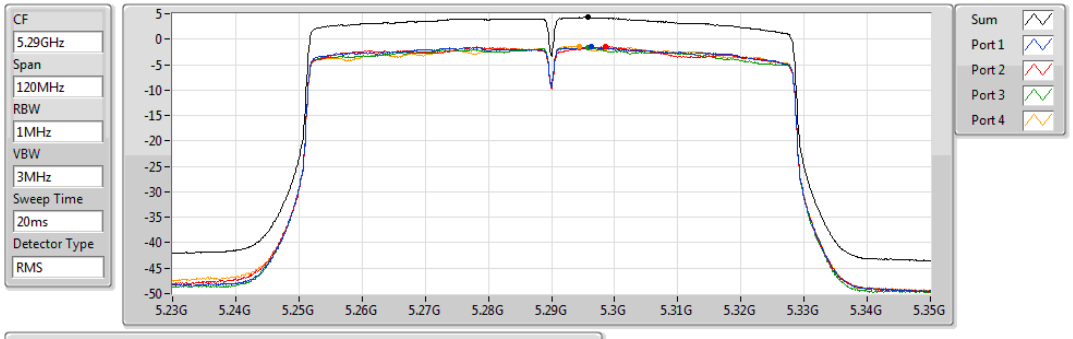
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.63	-1.72	-1.46	-2.04

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

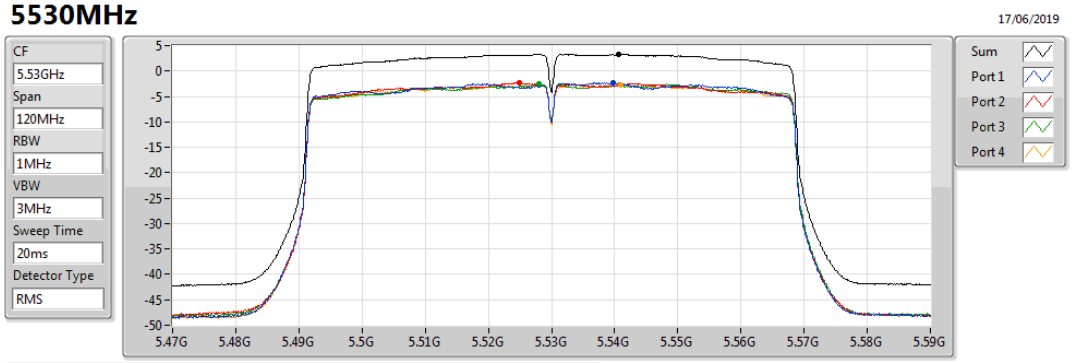
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.35	4.35	-1.53	-1.48	-1.64	-1.40

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

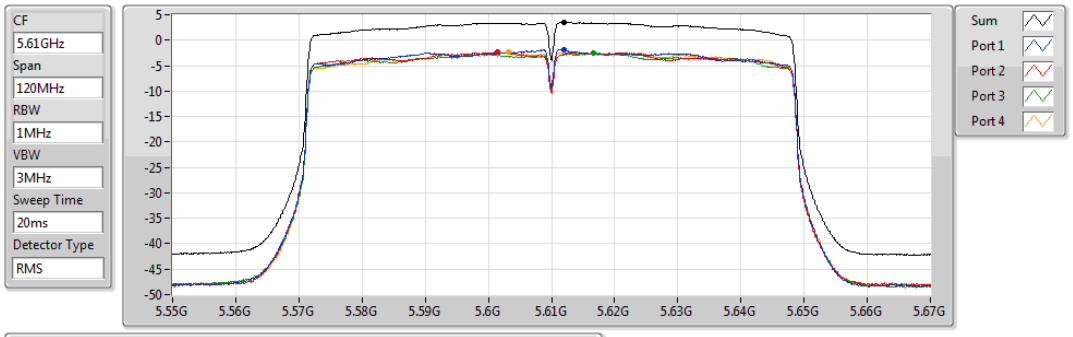
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.29	3.29	-2.32	-2.32	-2.59	-2.63

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

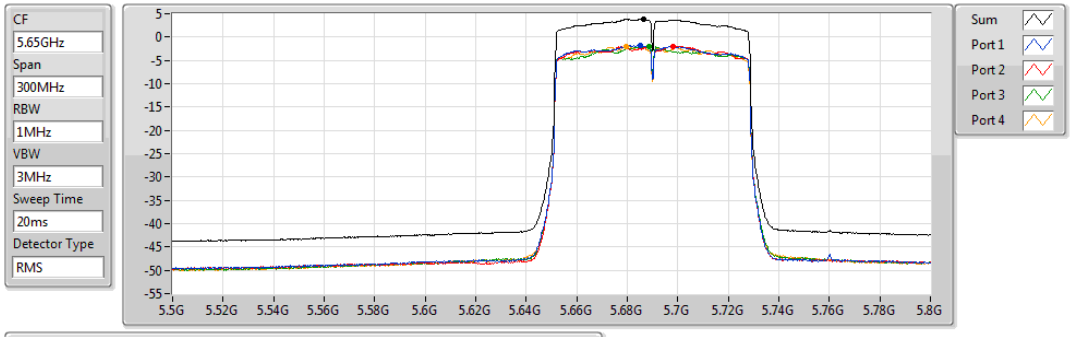
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	-1.88	-2.37	-2.50	-2.38

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

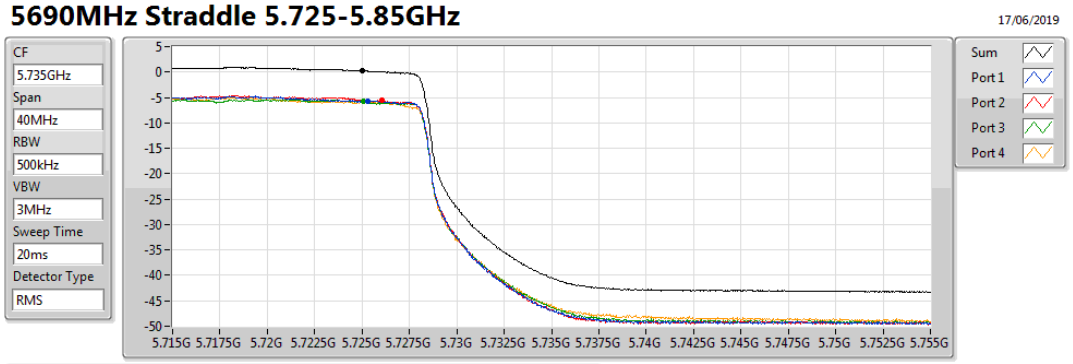
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	-1.77	-1.92	-2.04	-2.07

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

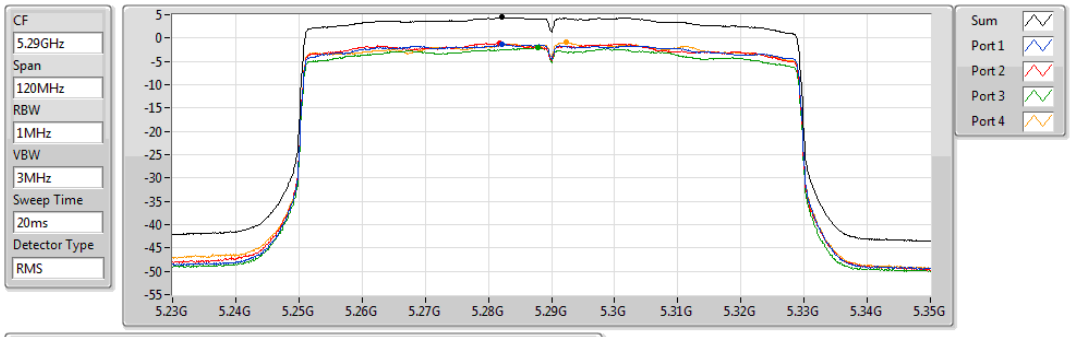
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	-5.64	-5.56	-5.82	-5.74

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

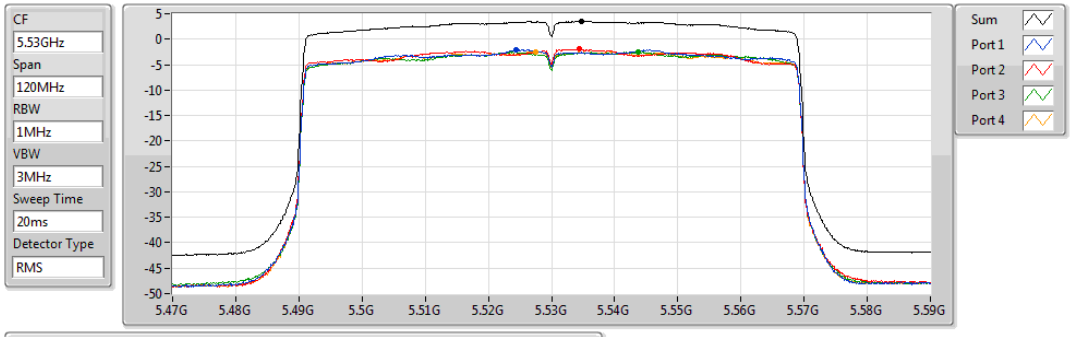
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	-1.31	-1.06	-2.08	-0.81

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

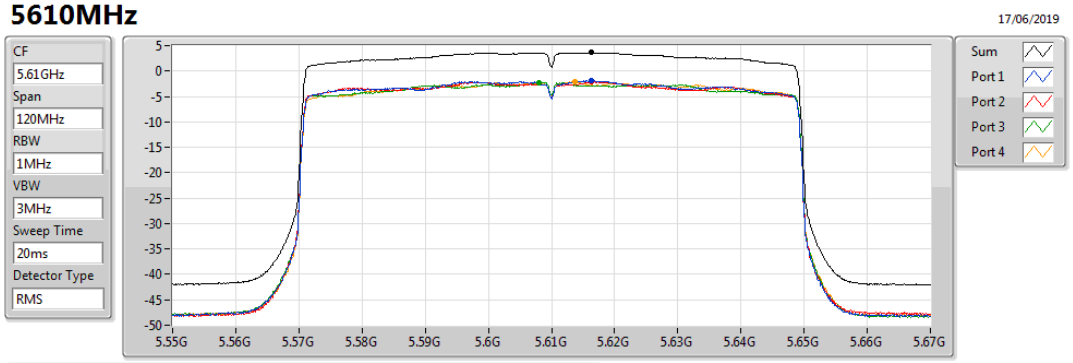
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	-2.03	-1.98	-2.53	-2.49

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

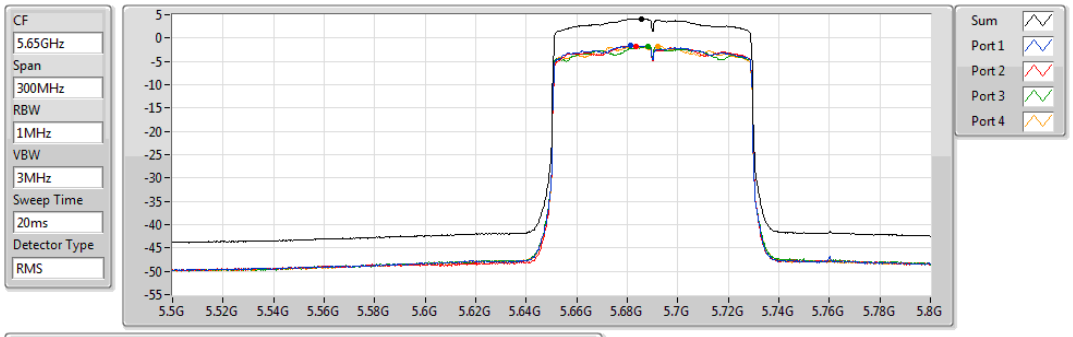
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	-1.89	-2.09	-2.21	-2.10

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

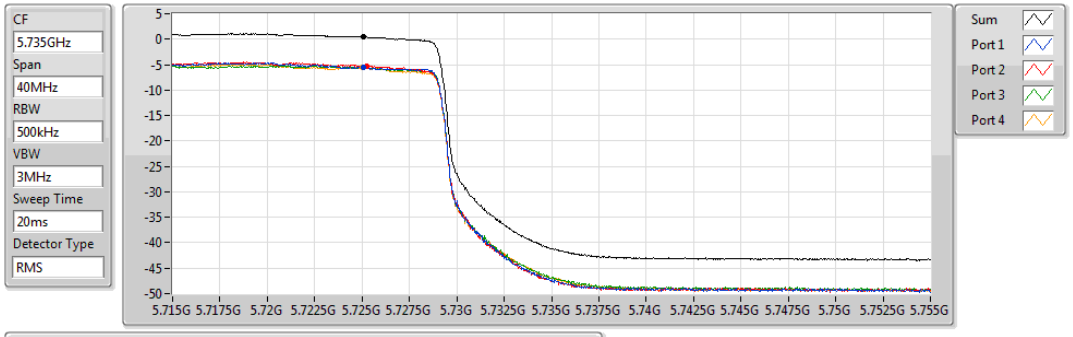
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	-1.59	-1.77	-1.85	-1.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

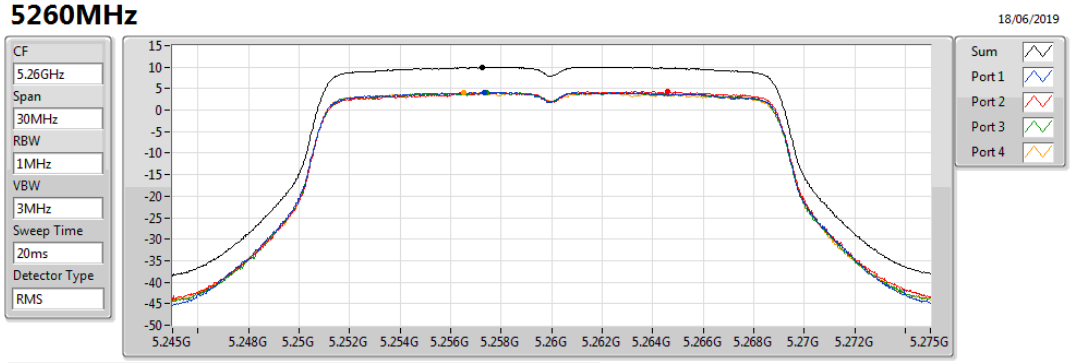
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46	-5.56	-5.26	-5.63	-5.63

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

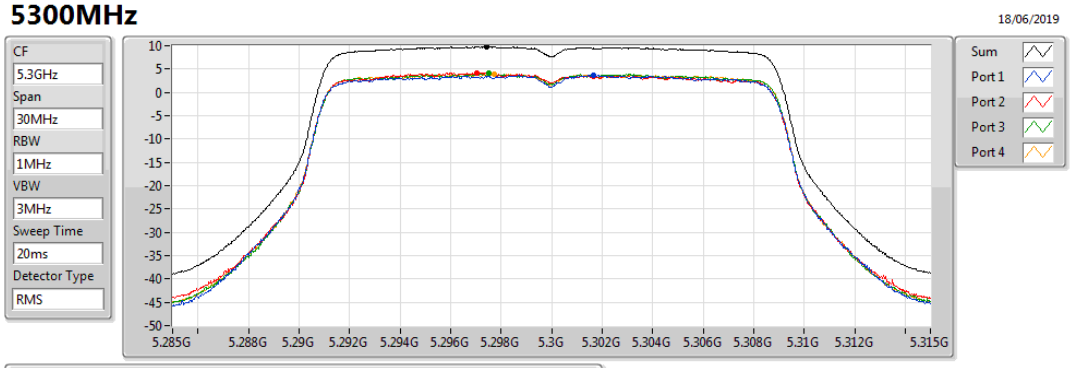
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	4.17	4.35	4.17	4.13

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

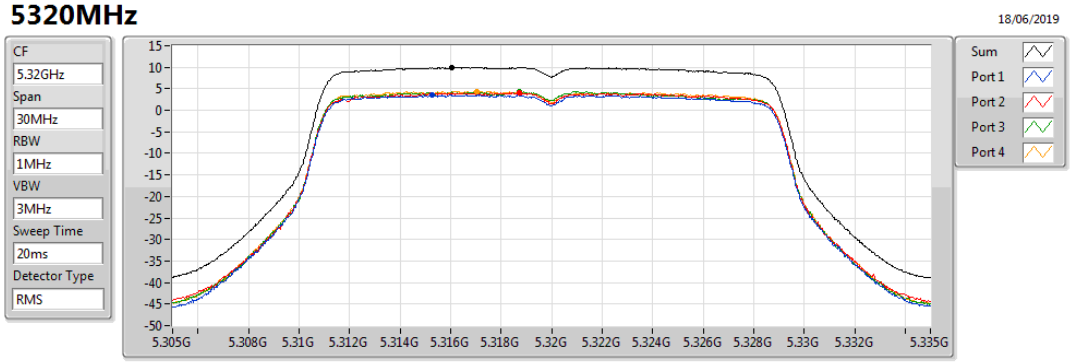
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	3.62	4.21	4.05	3.90

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

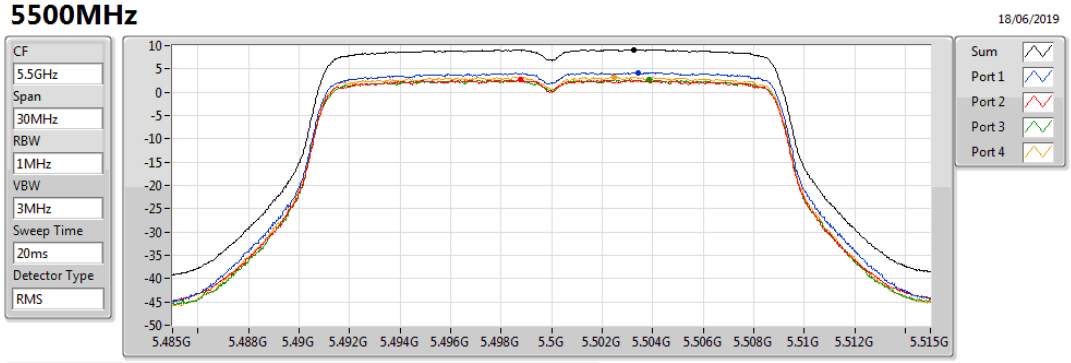
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	3.57	4.08	4.39	4.38

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

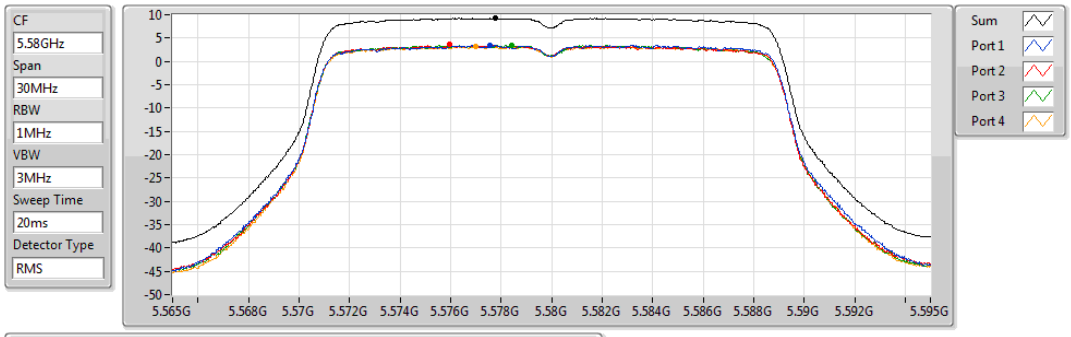
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	4.24	2.64	2.66	3.30

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

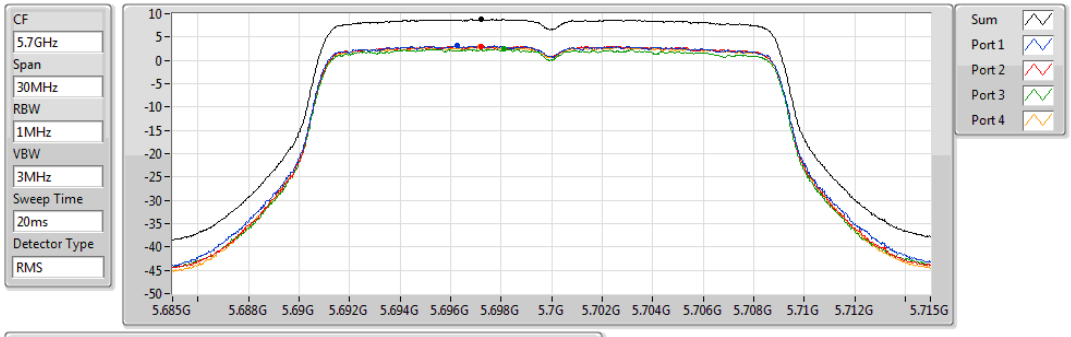
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	3.47	3.56	3.45	3.20

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

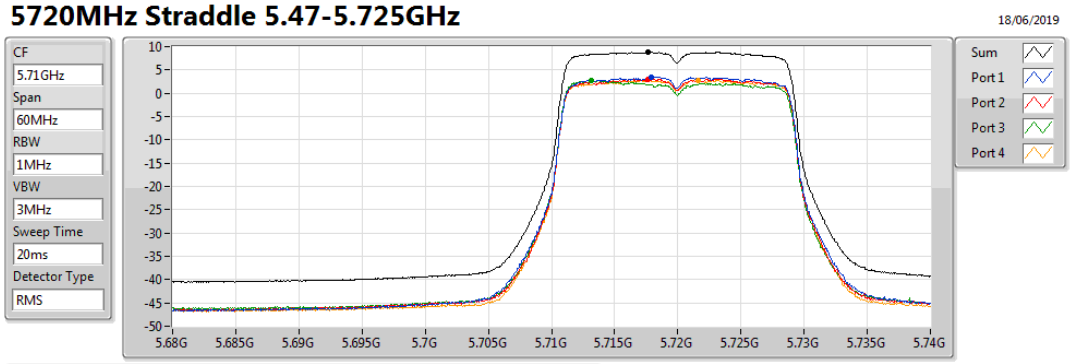
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	3.18	3.08	2.49	2.89

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

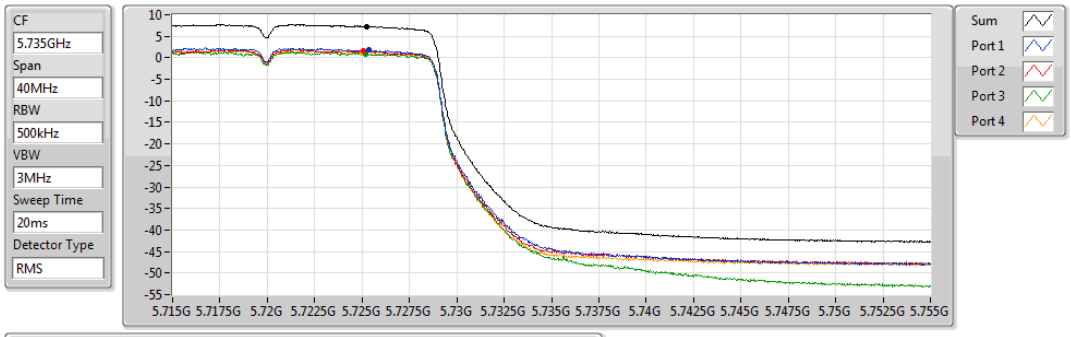
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	3.53	3.02	2.69	2.81

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

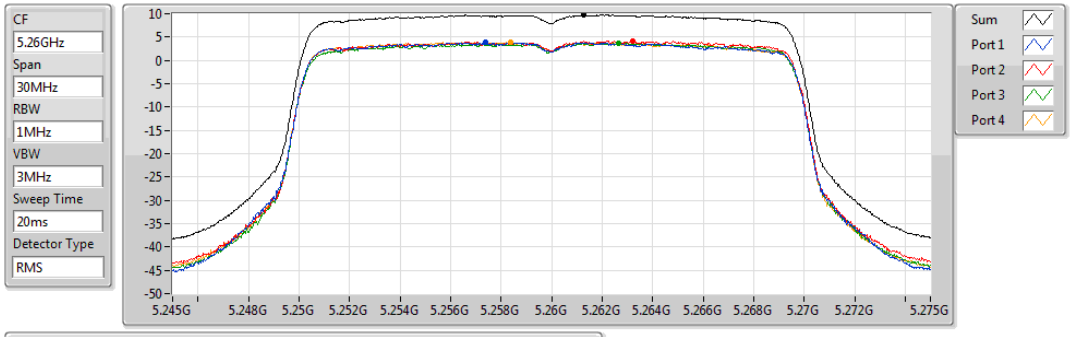
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	1.84	1.62	0.95	1.09

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

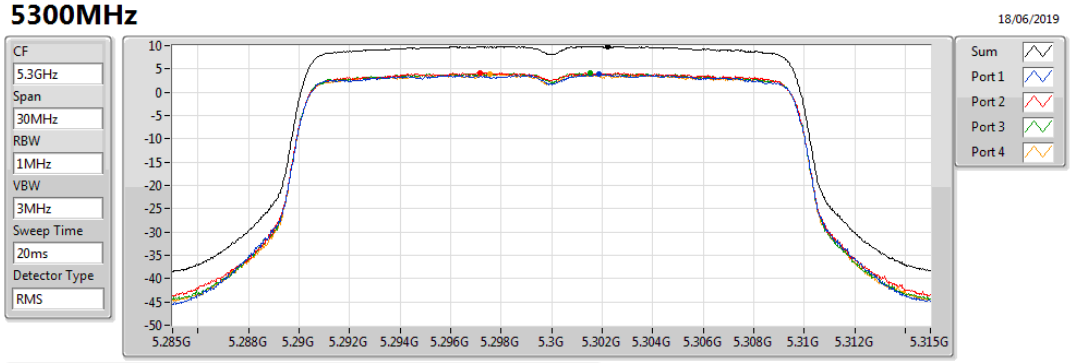
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.79	4.10	3.67	3.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

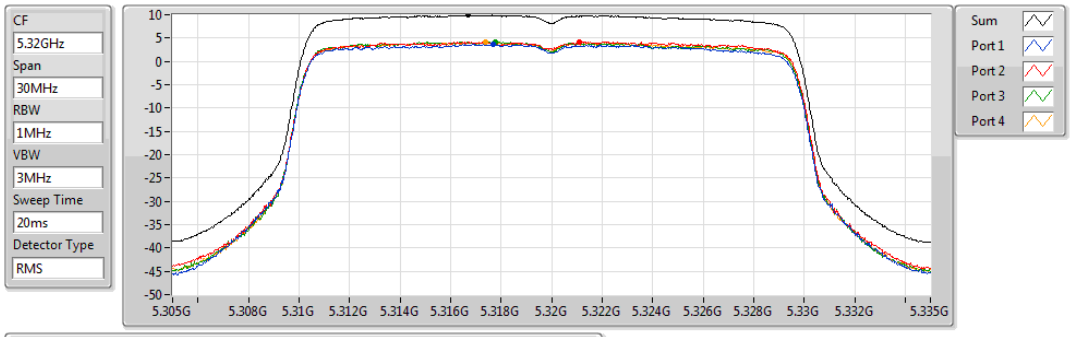
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	3.90	4.20	4.20	3.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

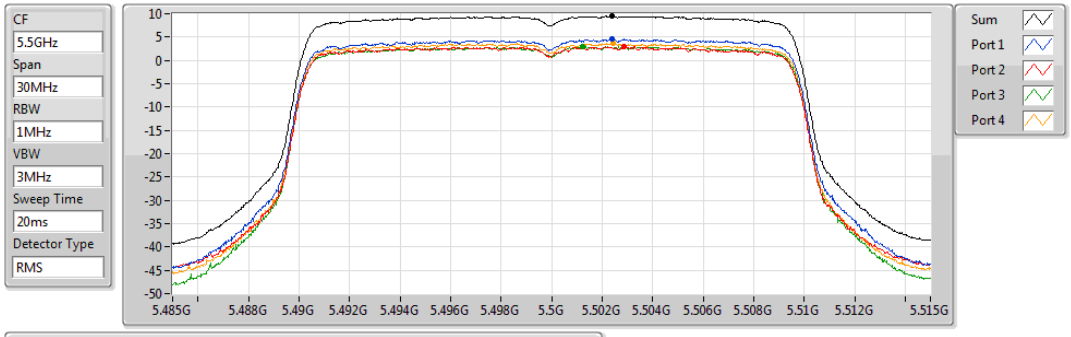
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	3.71	4.16	4.20	4.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

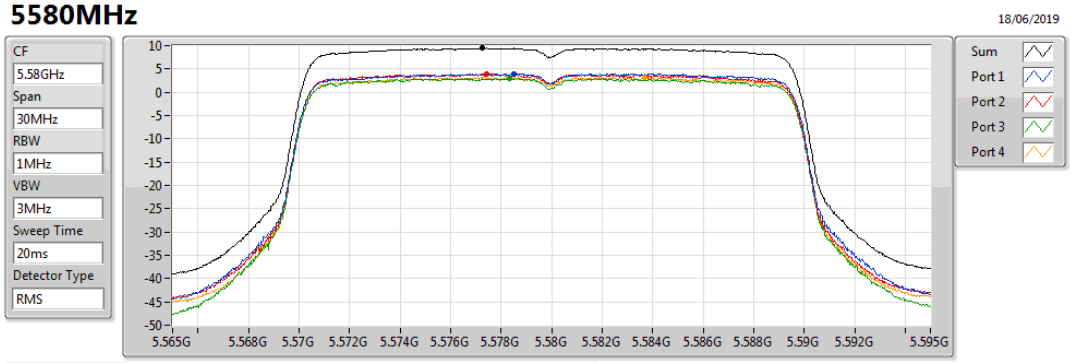
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.45	9.45	4.55	2.89	2.96	3.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

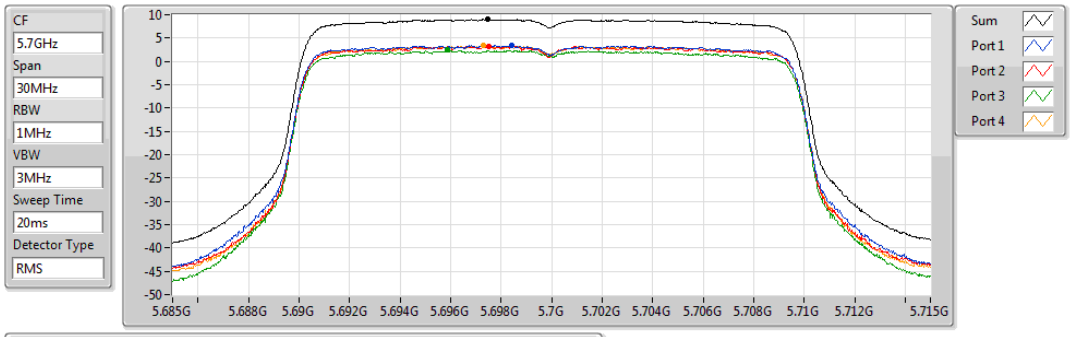
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.45	9.45	4.00	3.99	2.91	3.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

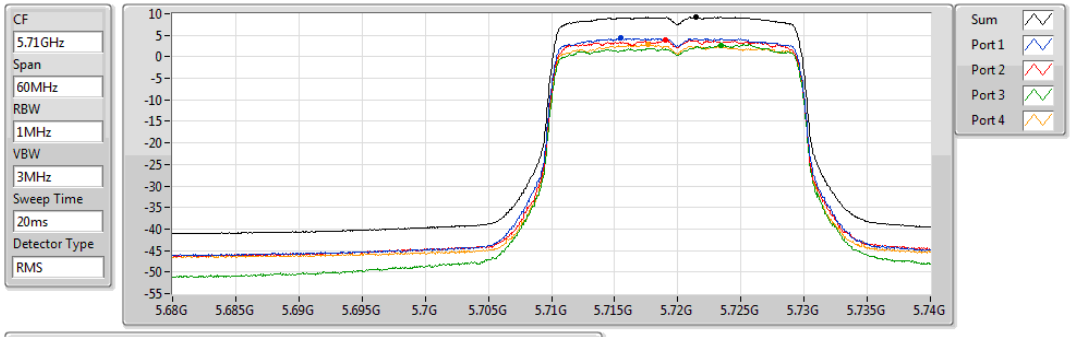
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	3.41	3.26	2.39	3.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

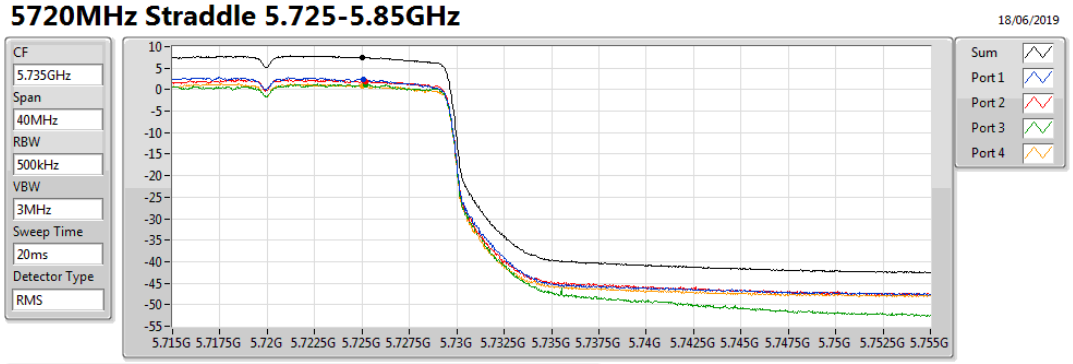
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	4.38	3.84	2.75	2.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

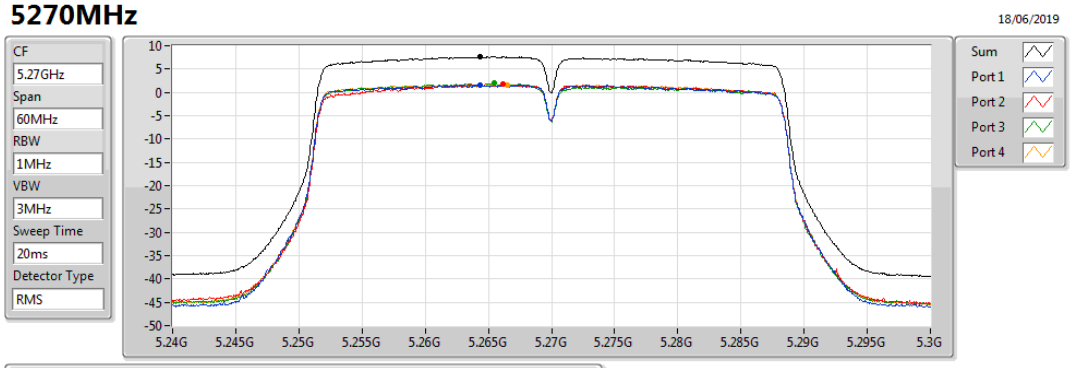
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	2.38	1.99	1.21	0.79

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

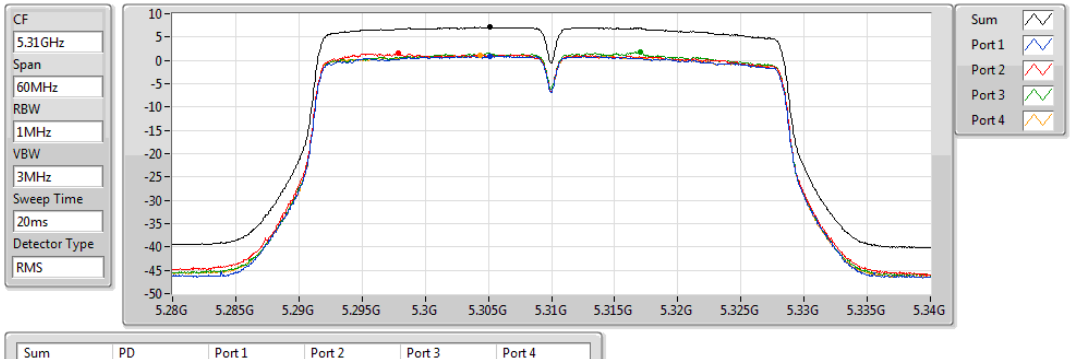
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	1.64	1.68	1.92	1.65

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

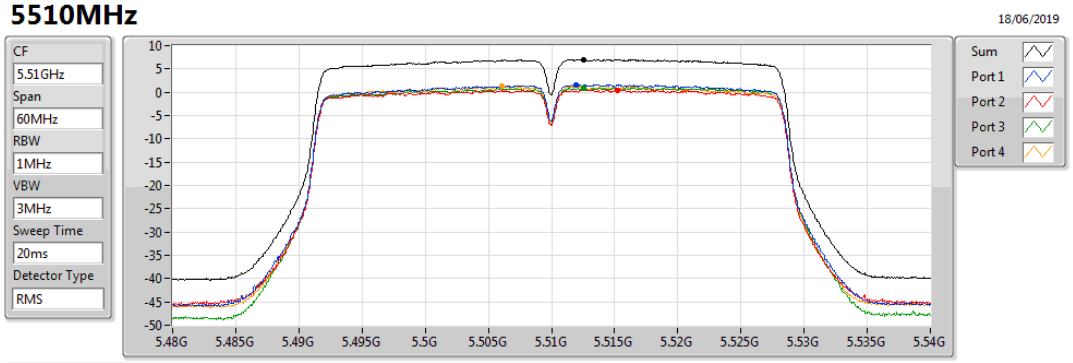
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	0.93	1.51	1.75	1.14

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

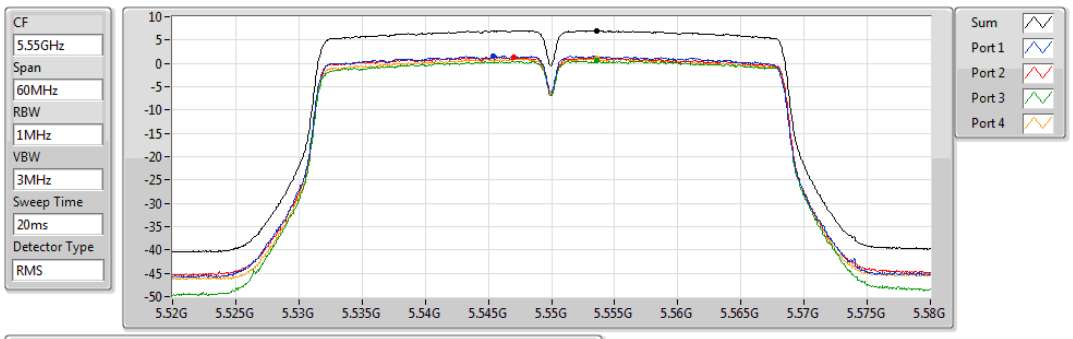
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	1.56	0.46	0.96	1.27

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

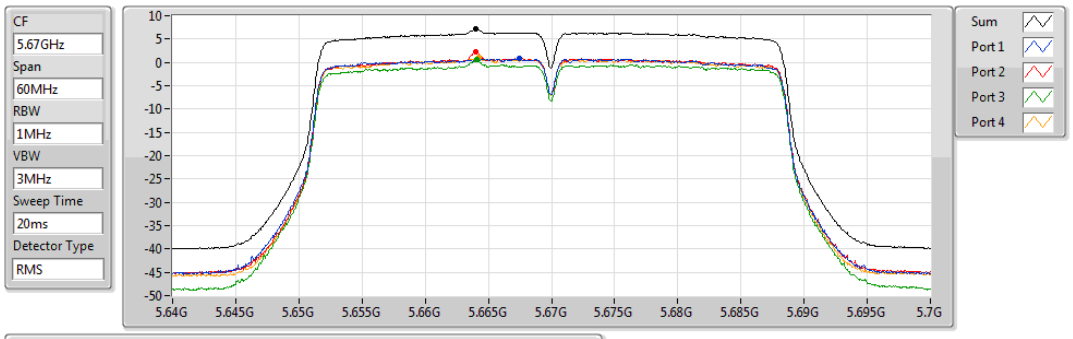
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	1.57	1.31	0.58	0.99

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

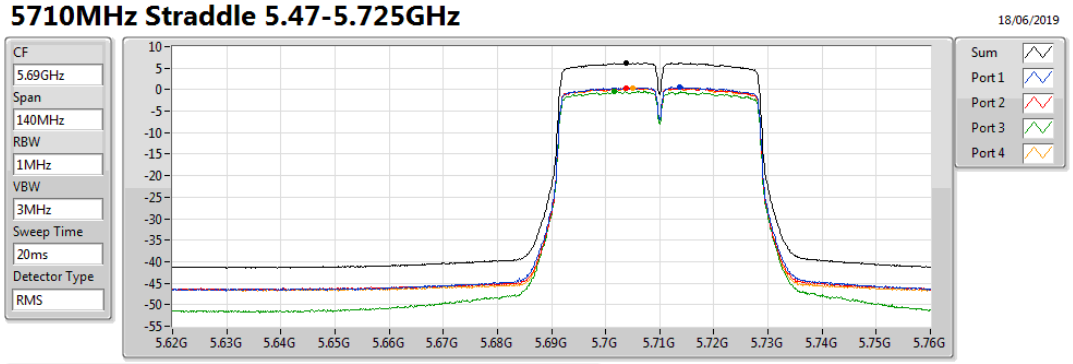
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	0.75	2.34	0.57	1.05

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

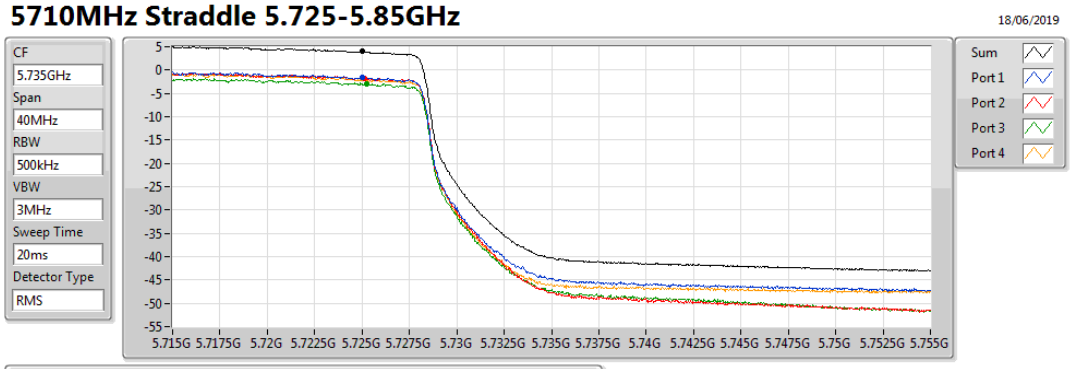
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	0.58	0.46	-0.41	0.47

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

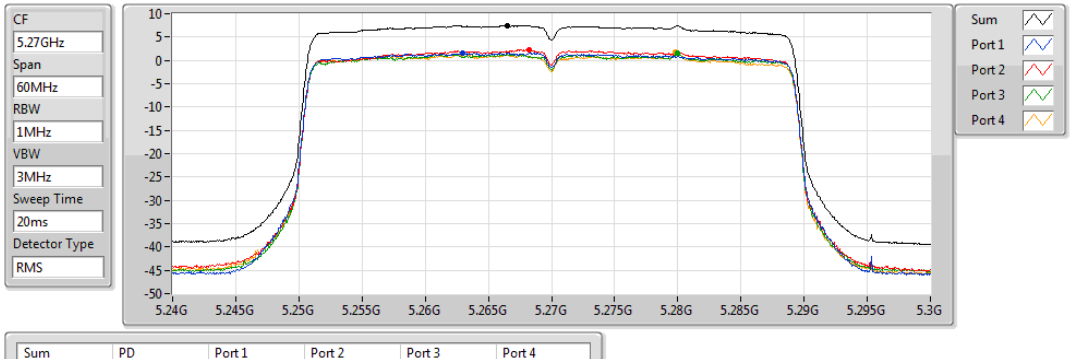
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.96	3.96	-1.61	-1.84	-2.91	-1.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

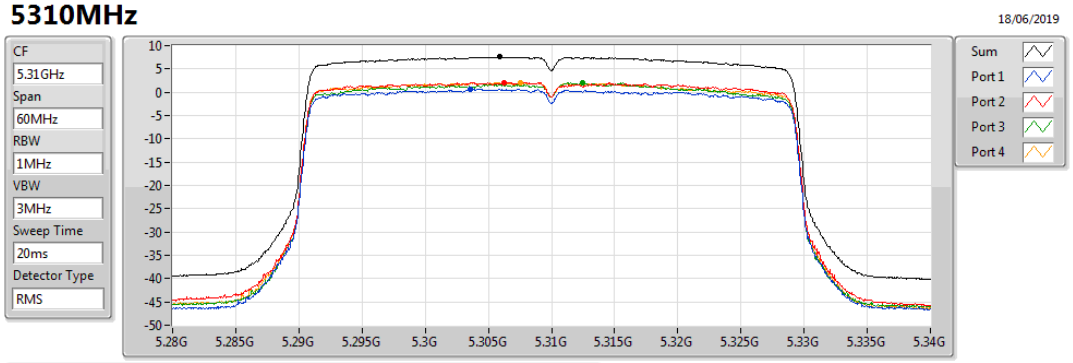
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	1.58	2.30	1.58	1.86

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

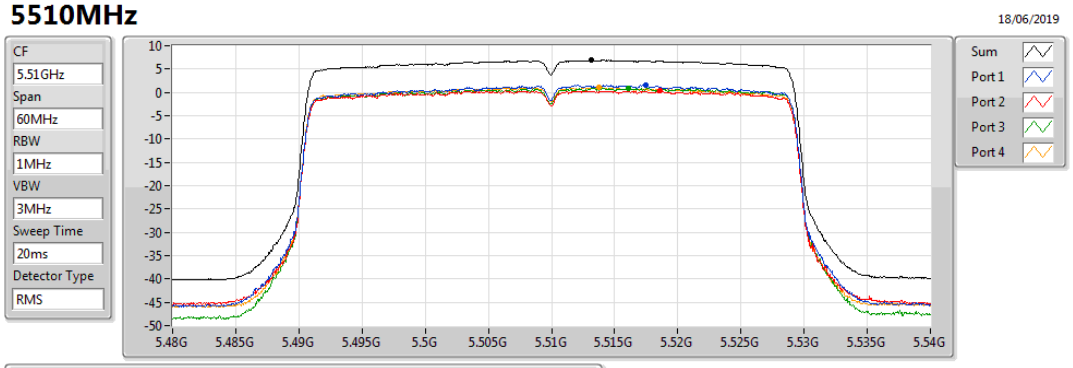
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	0.70	2.11	2.01	2.06

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

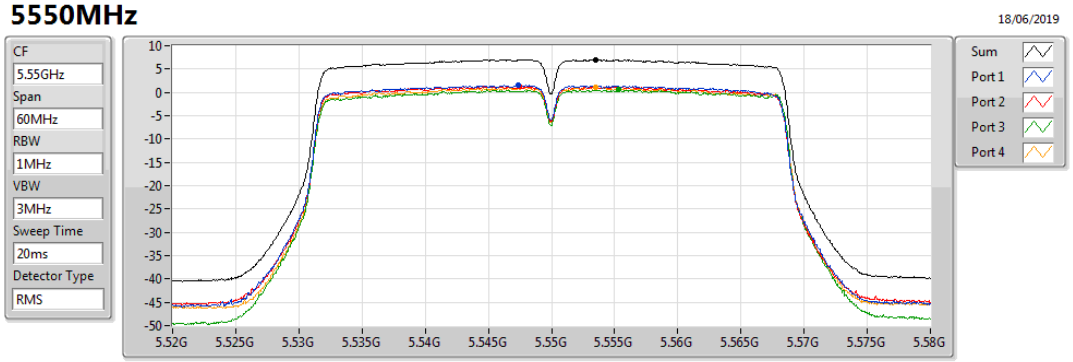
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	1.59	0.35	0.97	1.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

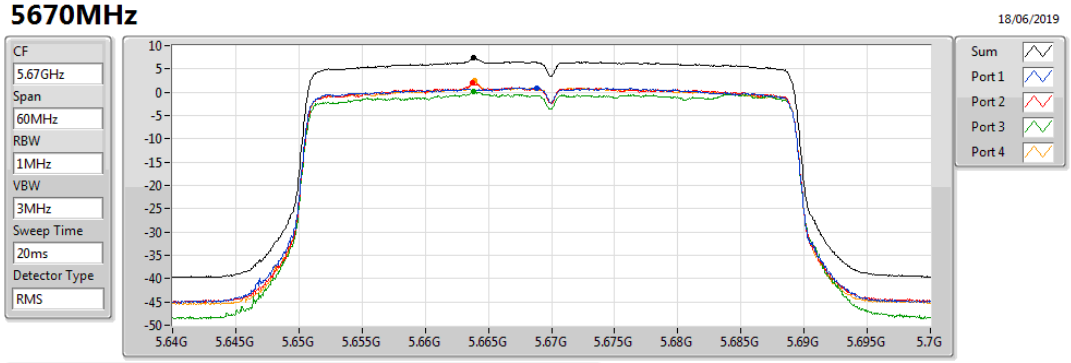
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.05	7.05	1.55	1.26	0.52	1.03

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

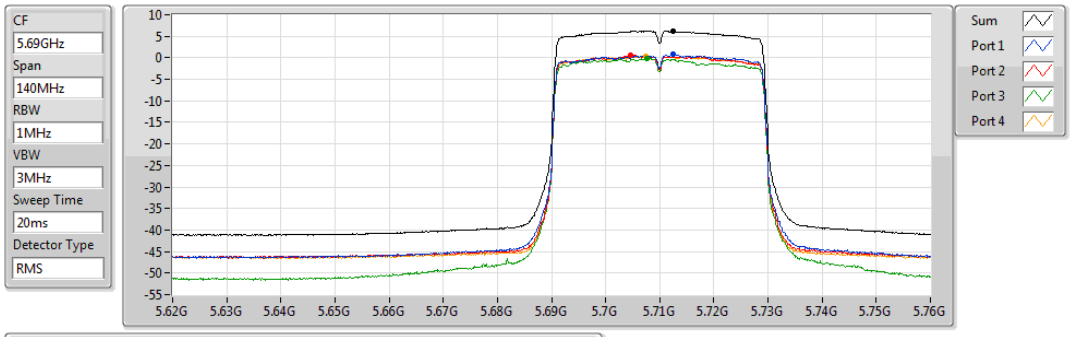
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	0.97	1.94	0.04	2.42

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

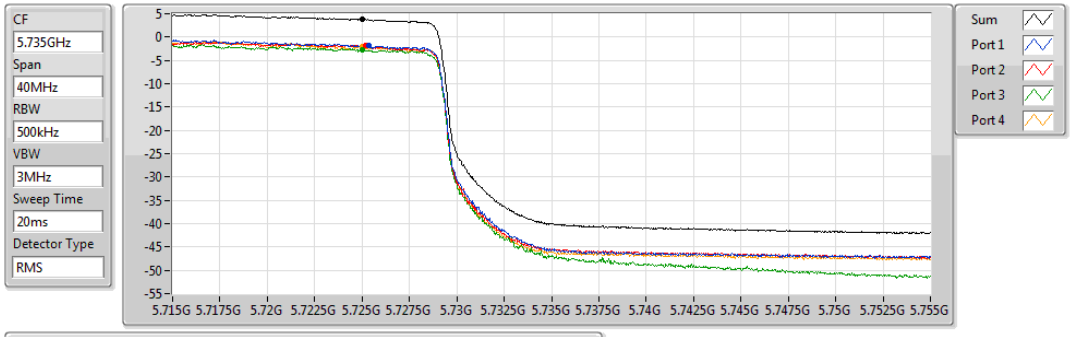
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	0.78	0.66	-0.16	0.36

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

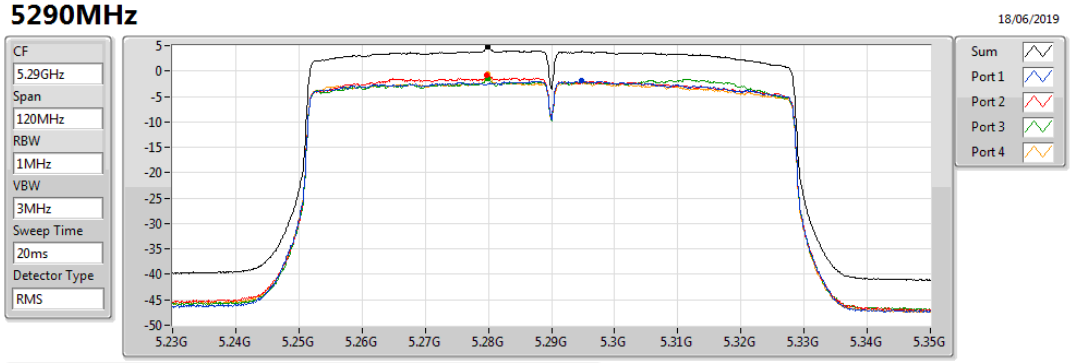
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	-1.77	-1.82	-2.67	-2.07

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

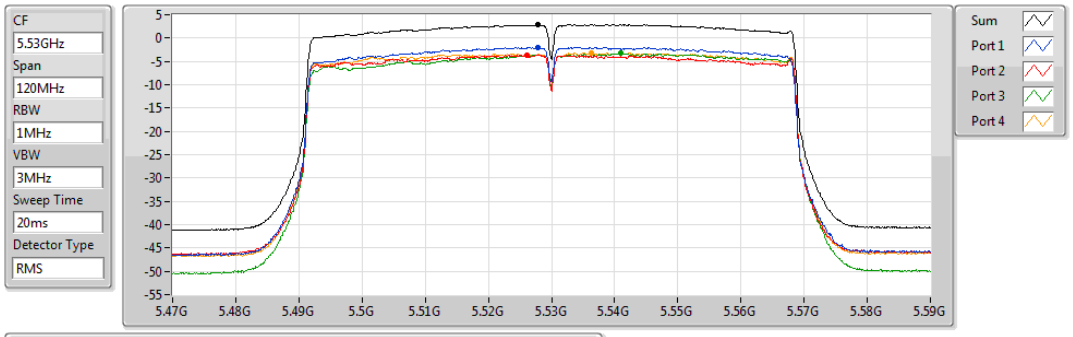
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	-1.92	-0.78	-1.45	-0.62

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

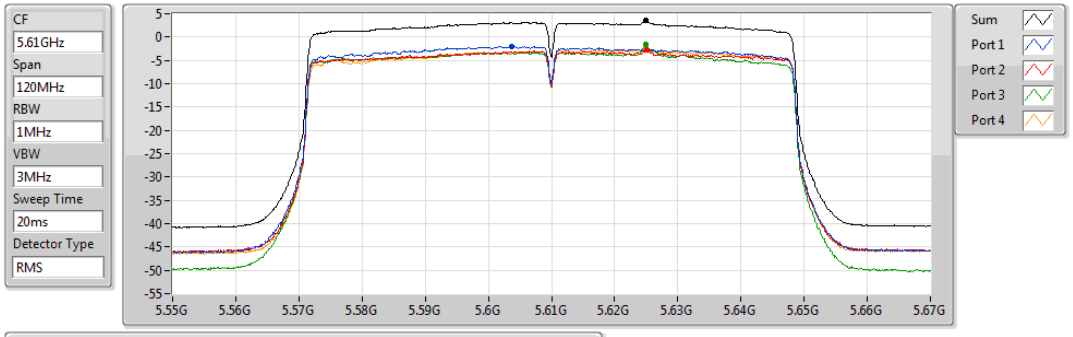
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.89	2.89	-1.98	-3.56	-3.25	-3.16

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

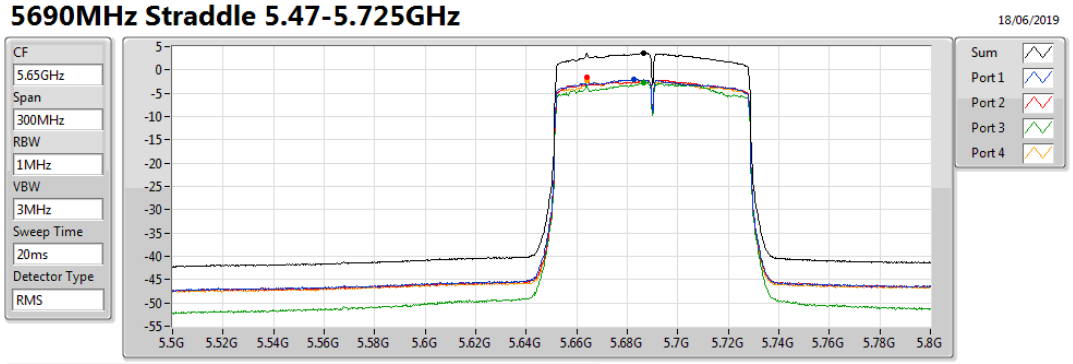
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	-1.98	-2.85	-1.66	-1.87

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

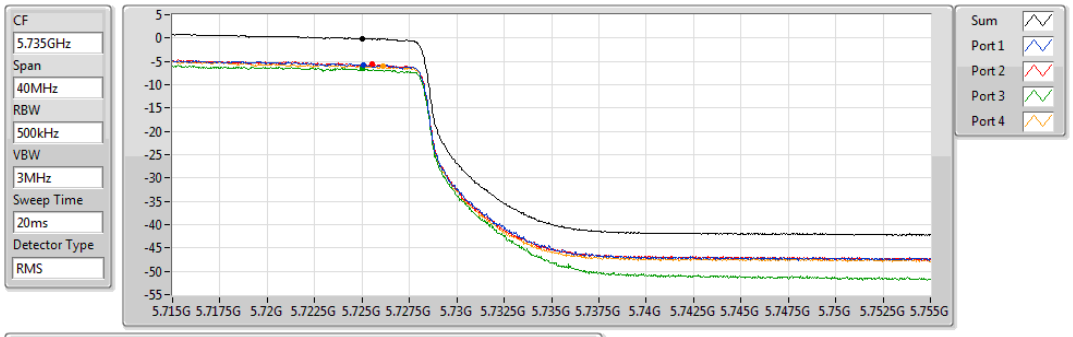
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.61	3.61	-2.04	-1.54	-2.74	-2.29

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

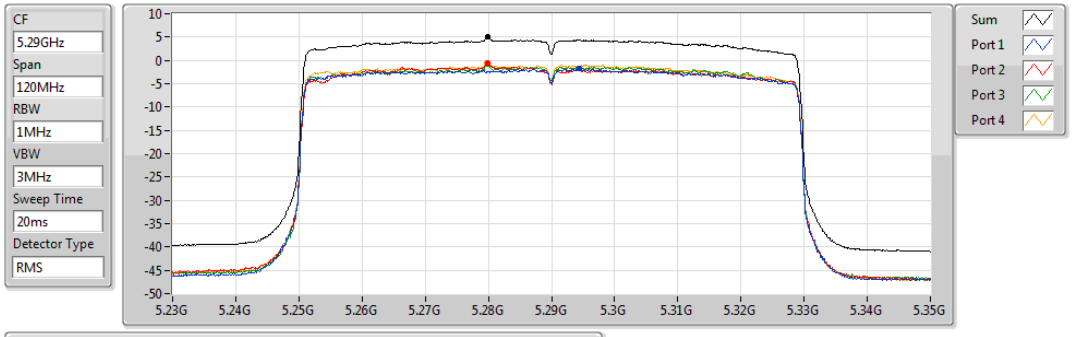
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.14	-0.14	-5.79	-5.66	-6.59	-5.96

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

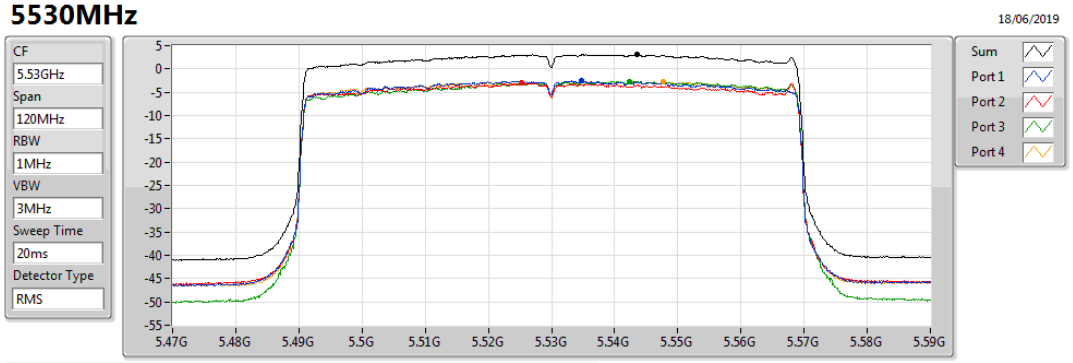
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	-1.83	-0.53	-0.85	-0.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

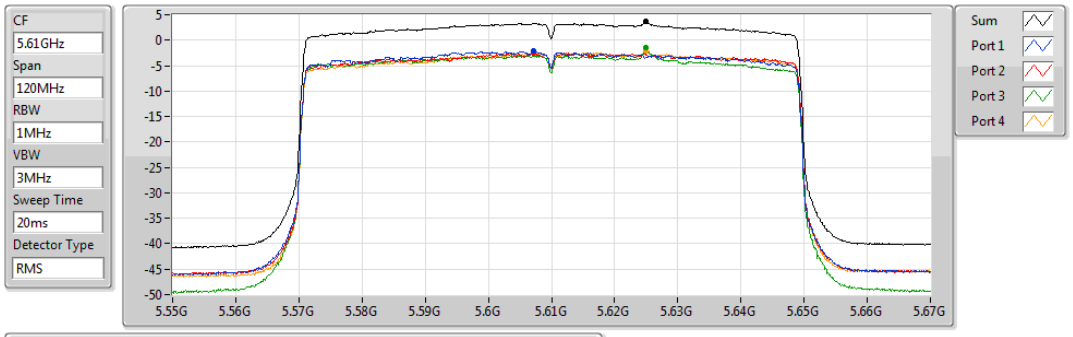
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.04	3.04	-2.52	-2.98	-2.62	-2.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

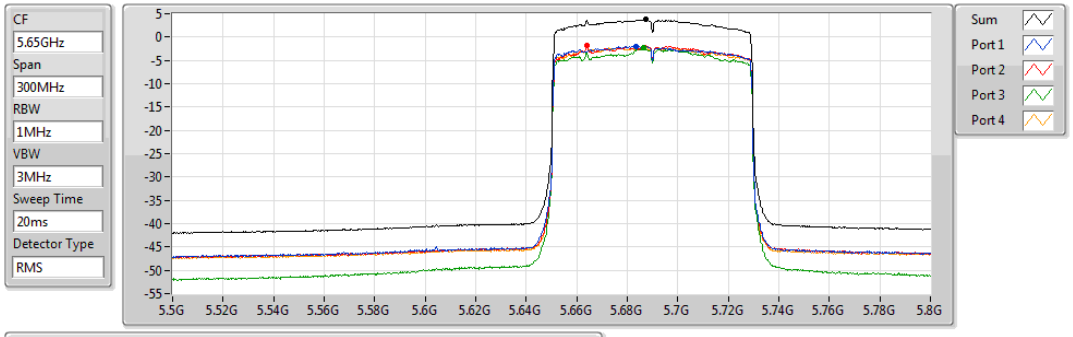
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	-2.11	-2.59	-1.39	-2.07

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

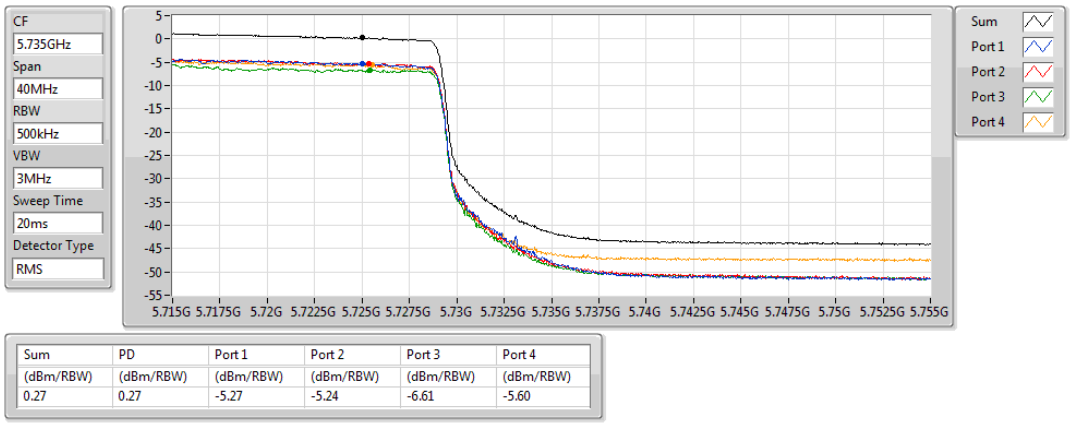


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	-1.92	-1.77	-2.36	-1.91

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

18/06/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	-5.27	-5.24	-6.61	-5.60

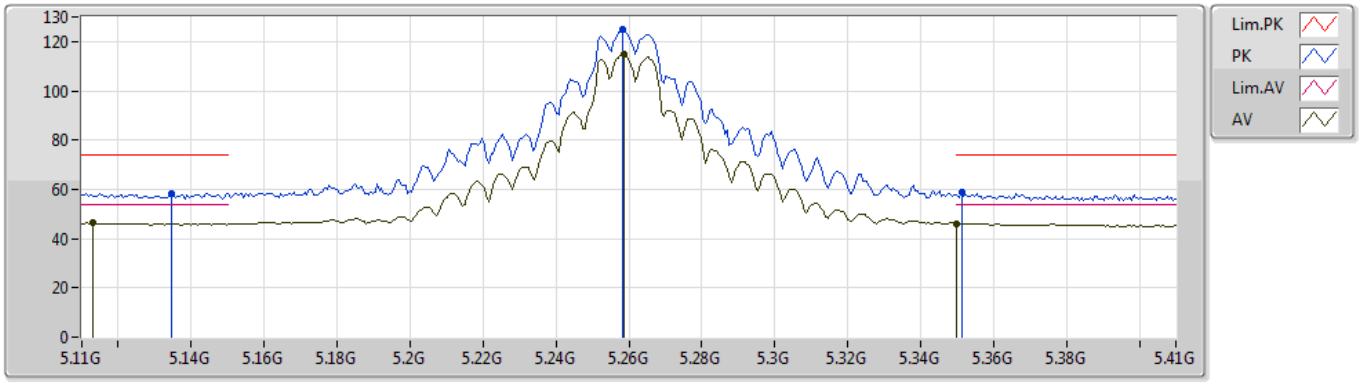
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3534G	53.91	54.00	-0.09	8.28	3	Vertical	260	1.33	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



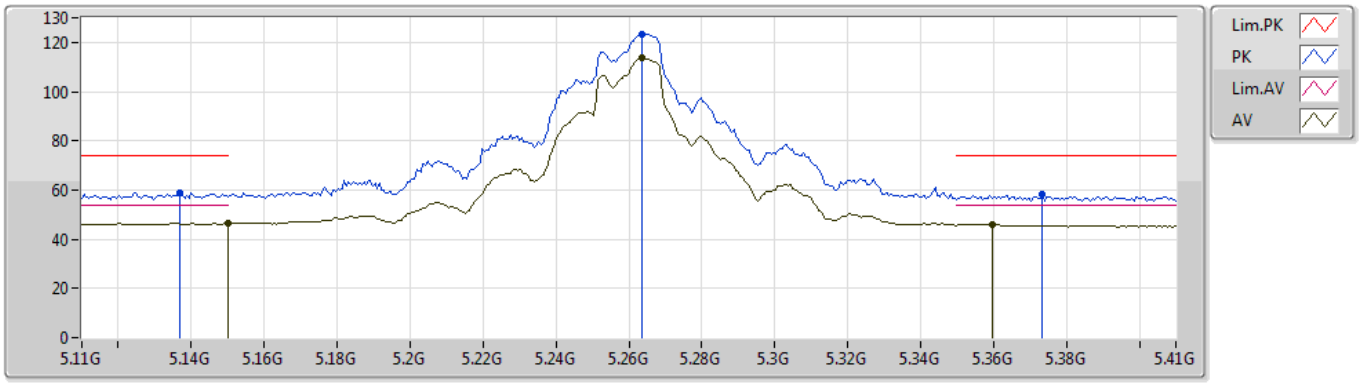
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1346G	58.55	74.00	-15.45	7.92	3	Vertical	262	1.30	-
AV	5.113G	46.25	54.00	-7.75	7.86	3	Vertical	262	1.30	-
PK	5.2582G	124.69	Inf	-Inf	8.15	3	Vertical	262	1.30	-
AV	5.2588G	114.71	Inf	-Inf	8.15	3	Vertical	262	1.30	-
PK	5.3512G	58.77	74.00	-15.23	8.28	3	Vertical	262	1.30	-
AV	5.35G	46.21	54.00	-7.79	8.28	3	Vertical	262	1.30	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



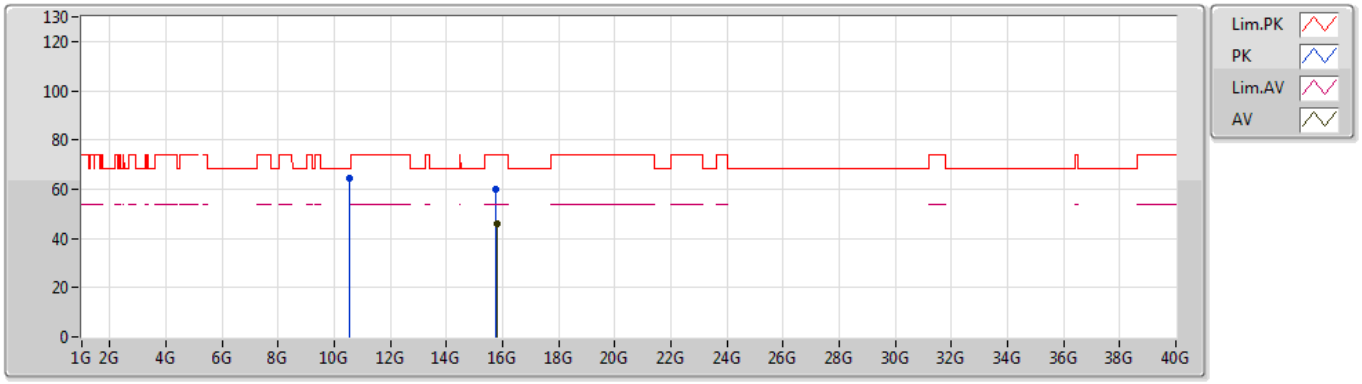
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.137G	58.84	74.00	-15.16	7.92	3	Horizontal	274	1.51	-
AV	5.15G	46.41	54.00	-7.59	7.94	3	Horizontal	274	1.51	-
PK	5.2636G	123.54	Inf	-Inf	8.16	3	Horizontal	274	1.51	-
AV	5.2636G	113.94	Inf	-Inf	8.16	3	Horizontal	274	1.51	-
PK	5.3734G	58.00	74.00	-16.00	8.30	3	Horizontal	274	1.51	-
AV	5.3596G	46.07	54.00	-7.93	8.29	3	Horizontal	274	1.51	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



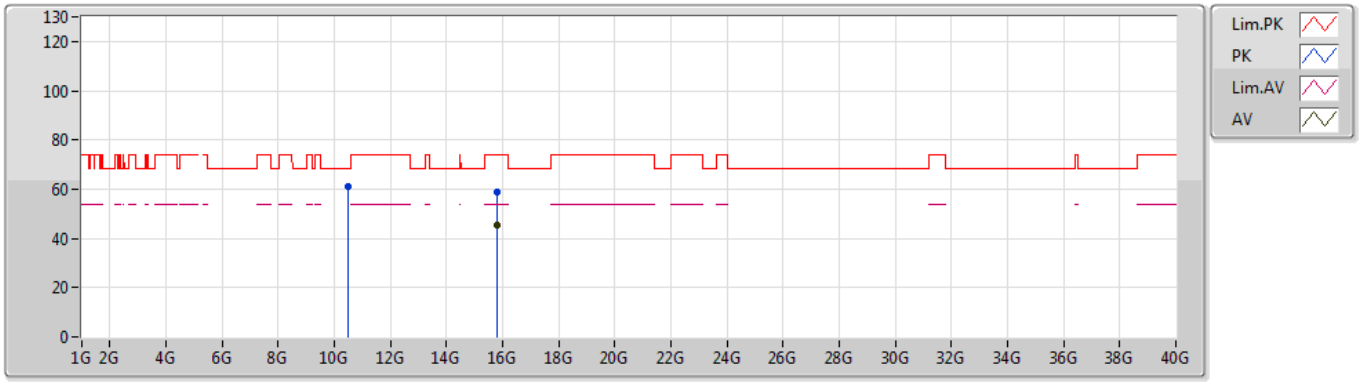
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5227G	64.51	68.20	-3.69	14.56	3	Vertical	128	2.01	-
PK	15.77502G	59.93	74.00	-14.07	15.45	3	Vertical	205	1.43	-
AV	15.78252G	45.96	54.00	-8.04	15.43	3	Vertical	205	1.43	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



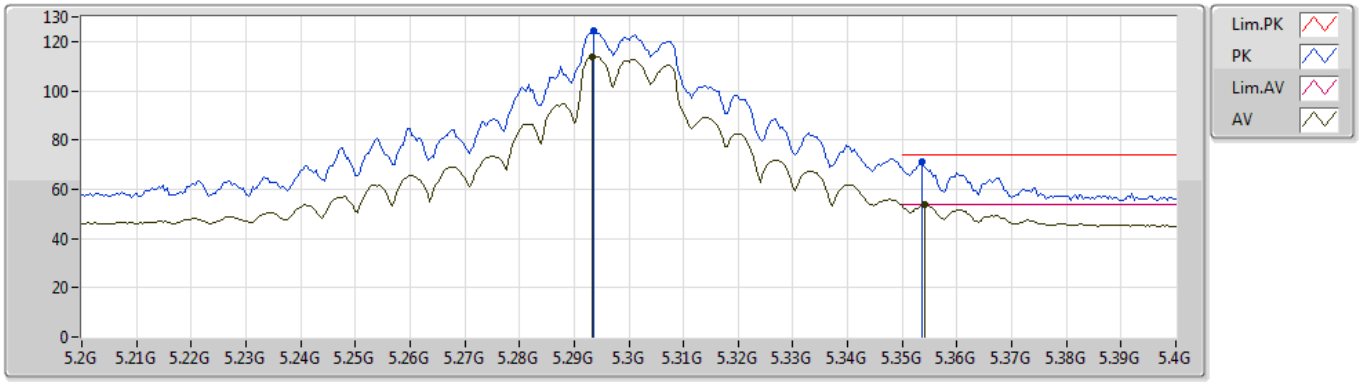
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51244G	60.89	68.20	-7.31	14.56	3	Horizontal	99	2.15	-
PK	15.77922G	59.04	74.00	-14.96	15.44	3	Horizontal	258	1.36	-
AV	15.7794G	45.47	54.00	-8.53	15.44	3	Horizontal	258	1.36	-

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



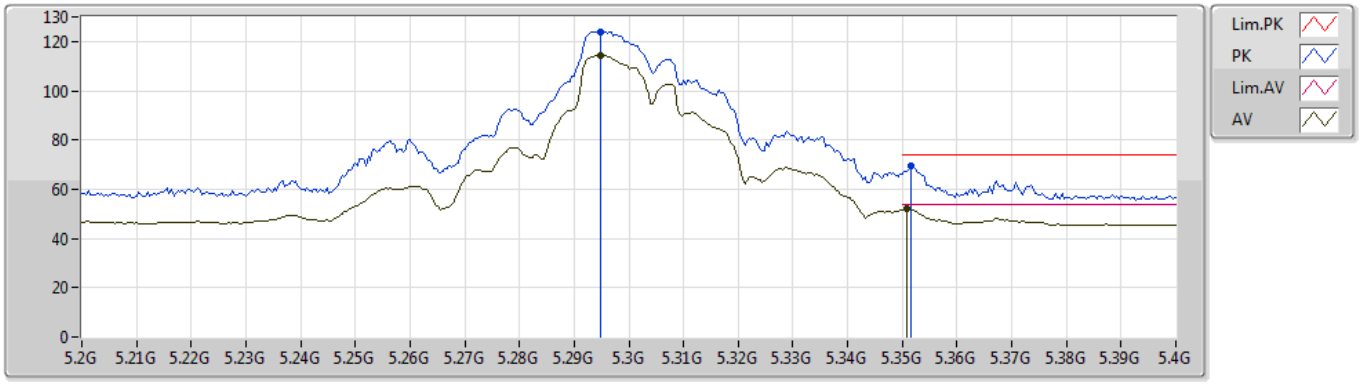
EUT Z_4TX
Setting 29.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2936G	124.59	Inf	-Inf	8.20	3	Vertical	271	1.60	-
AV	5.2932G	114.00	Inf	-Inf	8.20	3	Vertical	271	1.60	-
PK	5.3536G	70.90	74.00	-3.10	8.28	3	Vertical	271	1.60	-
AV	5.354G	53.73	54.00	-0.27	8.28	3	Vertical	271	1.60	-

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



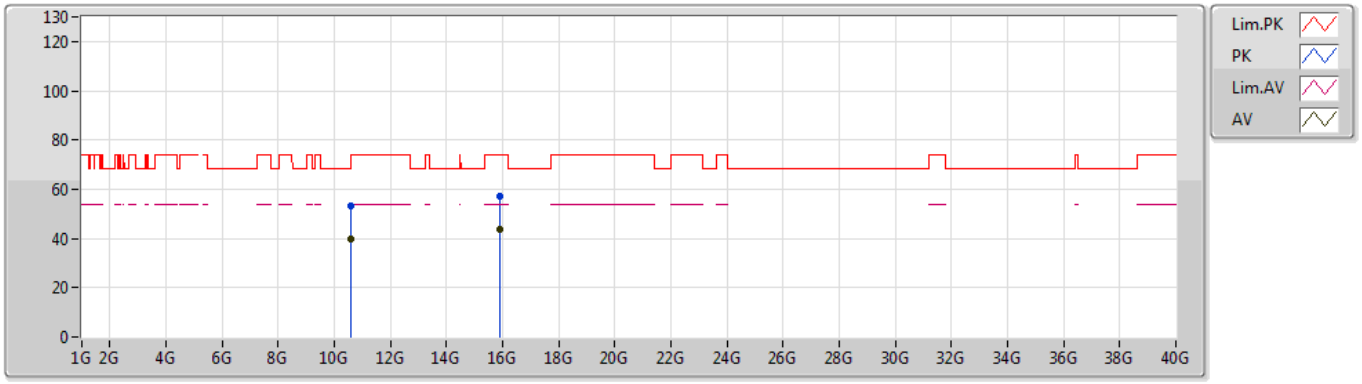
EUT Z_4TX
Setting 29.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2948G	124.09	Inf	-Inf	8.20	3	Horizontal	272	1.46	-
AV	5.2948G	114.57	Inf	-Inf	8.20	3	Horizontal	272	1.46	-
PK	5.3516G	69.36	74.00	-4.64	8.28	3	Horizontal	272	1.46	-
AV	5.3508G	52.05	54.00	-1.95	8.28	3	Horizontal	272	1.46	-

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



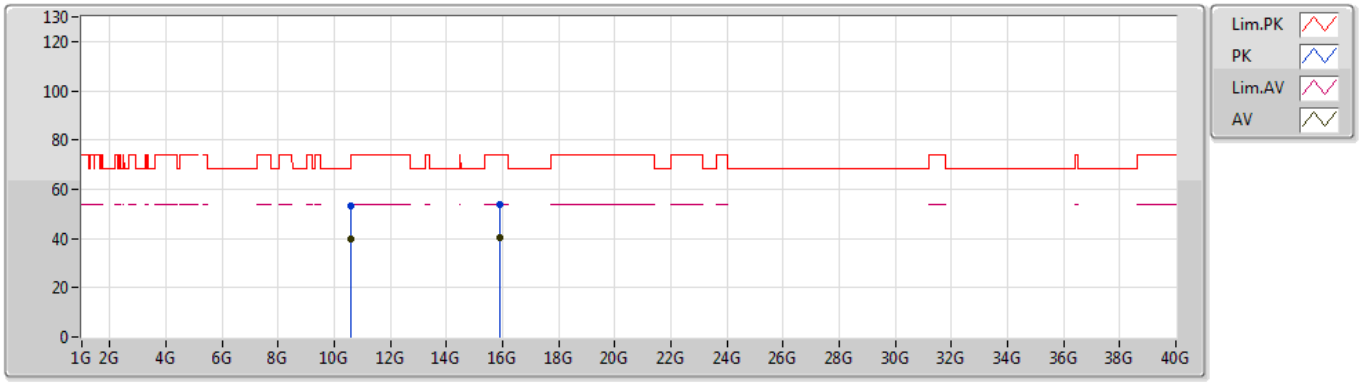
EUT Z_4TX
Setting 29.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.60088G	53.27	74.00	-20.73	14.51	3	Vertical	177	1.52	-
AV	10.60376G	39.69	54.00	-14.31	14.52	3	Vertical	177	1.52	-
PK	15.89844G	57.13	74.00	-16.87	15.13	3	Vertical	314	2.05	-
AV	15.90432G	43.54	54.00	-10.46	15.12	3	Vertical	314	2.05	-

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



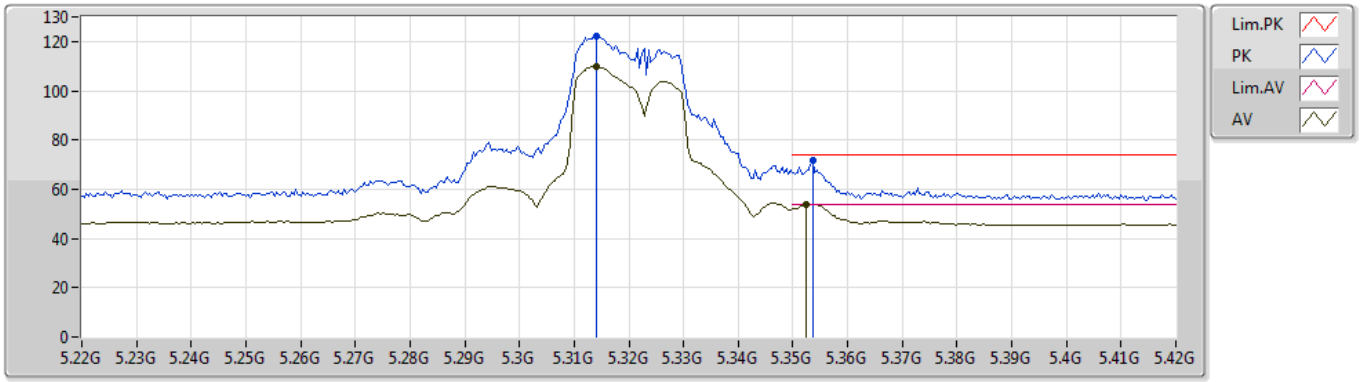
EUT Z_4TX
Setting 29.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6014G	53.04	74.00	-20.96	14.51	3	Horizontal	88	1.43	-
AV	10.60392G	39.65	54.00	-14.35	14.52	3	Horizontal	88	1.43	-
PK	15.90316G	53.55	74.00	-20.45	15.12	3	Horizontal	136	1.71	-
AV	15.89812G	40.22	54.00	-13.78	15.14	3	Horizontal	136	1.71	-

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



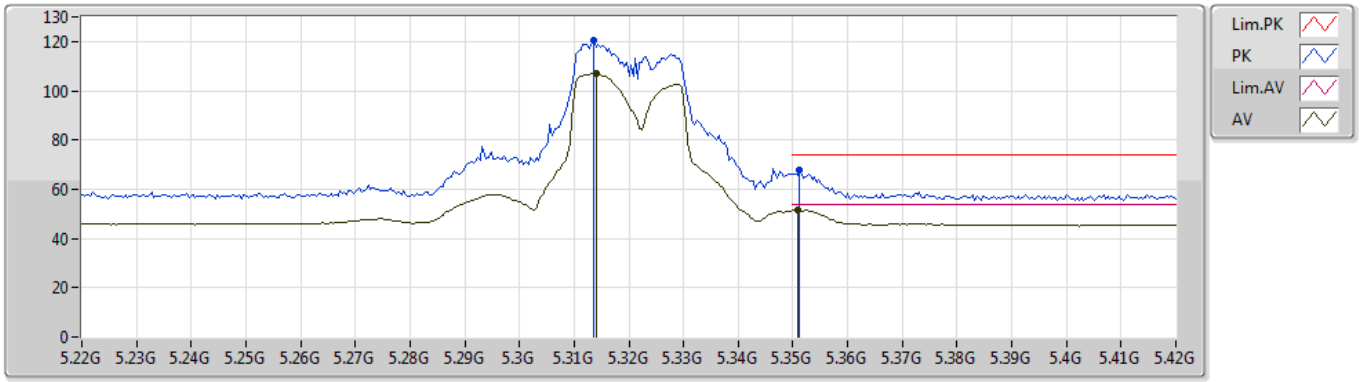
EUT Z_4TX
Setting 22.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.314G	122.32	Inf	-Inf	8.23	3	Vertical	269	1.50	-
AV	5.314G	109.79	Inf	-Inf	8.23	3	Vertical	269	1.50	-
PK	5.3536G	71.65	74.00	-2.35	8.28	3	Vertical	269	1.50	-
AV	5.3524G	53.89	54.00	-0.11	8.28	3	Vertical	269	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



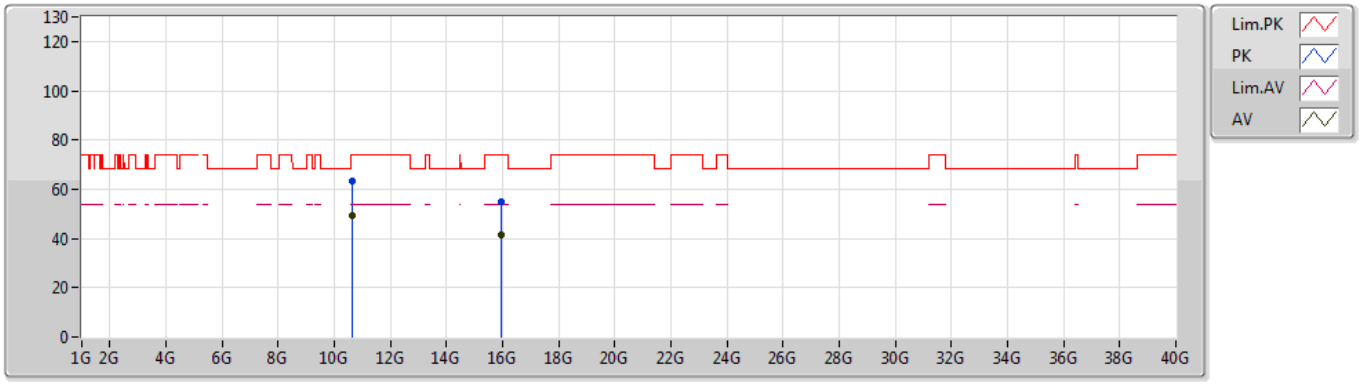
EUT Z_4TX
Setting 22.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3136G	120.35	Inf	-Inf	8.22	3	Horizontal	79	1.50	-
AV	5.314G	106.93	Inf	-Inf	8.23	3	Horizontal	79	1.50	-
PK	5.3512G	67.70	74.00	-6.30	8.28	3	Horizontal	79	1.50	-
AV	5.3508G	51.56	54.00	-2.44	8.28	3	Horizontal	79	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



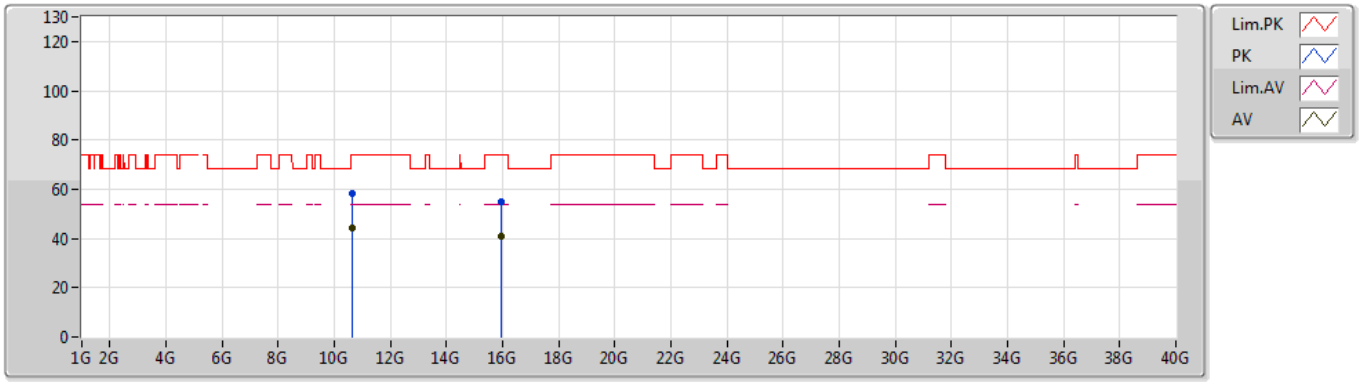
EUT Z_4TX
Setting 22.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6342G	63.04	74.00	-10.96	14.49	3	Vertical	125	1.99	-
AV	10.63452G	49.18	54.00	-4.82	14.49	3	Vertical	125	1.99	-
PK	15.9536G	54.78	74.00	-19.22	14.97	3	Vertical	134	1.52	-
AV	15.95256G	41.53	54.00	-12.47	14.98	3	Vertical	134	1.52	-

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



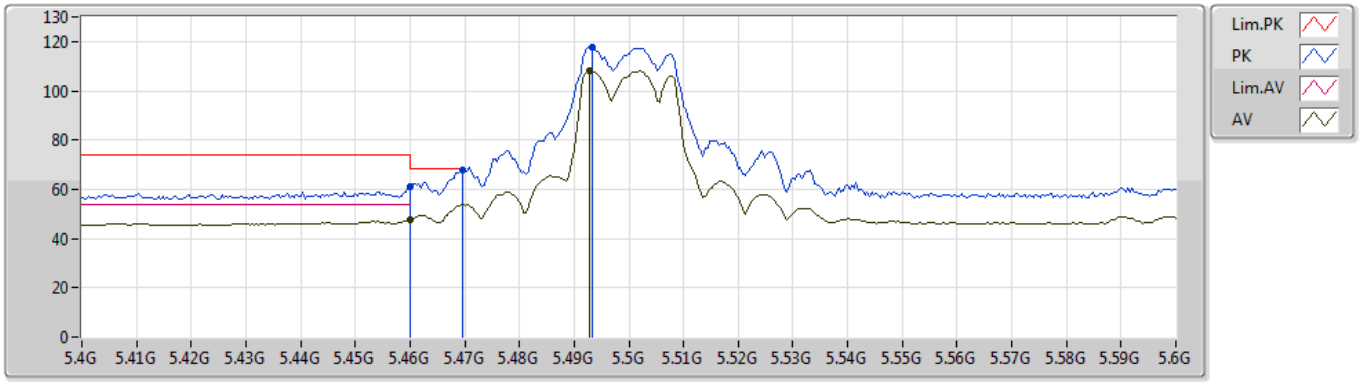
EUT Z_4TX
Setting 22.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63424G	58.06	74.00	-15.94	14.49	3	Horizontal	117	2.29	-
AV	10.63616G	44.47	54.00	-9.53	14.49	3	Horizontal	117	2.29	-
PK	15.9628G	55.05	74.00	-18.95	14.96	3	Horizontal	207	1.50	-
AV	15.96184G	41.03	54.00	-12.97	14.96	3	Horizontal	207	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

03/06/2019



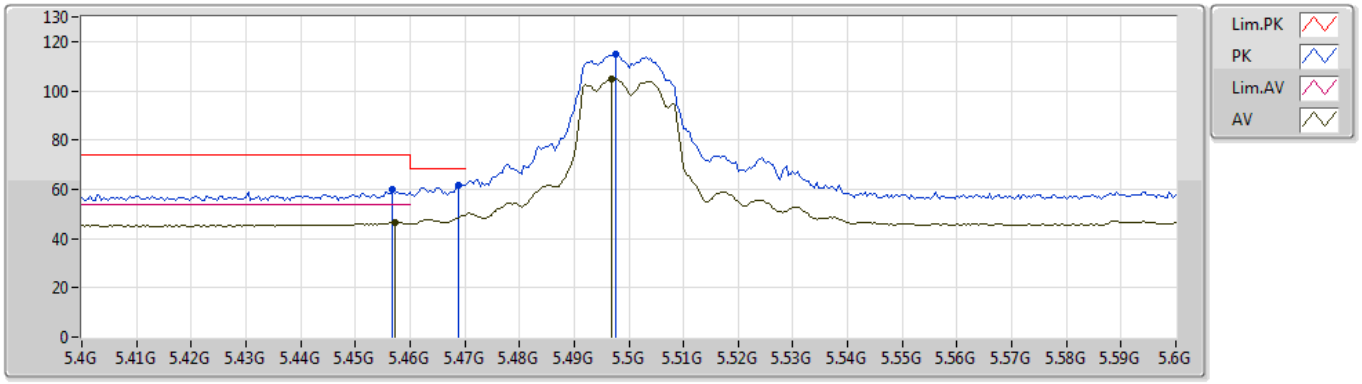
EUT Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.46G	60.99	74.00	-13.01	8.45	3	Vertical	355	2.36	-
AV	5.46G	47.54	54.00	-6.46	8.45	3	Vertical	355	2.36	-
PK	5.4696G	67.94	68.20	-0.26	8.46	3	Vertical	355	2.36	-
PK	5.4932G	117.71	Inf	-Inf	8.51	3	Vertical	355	2.36	-
AV	5.4928G	108.27	Inf	-Inf	8.51	3	Vertical	355	2.36	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

03/06/2019



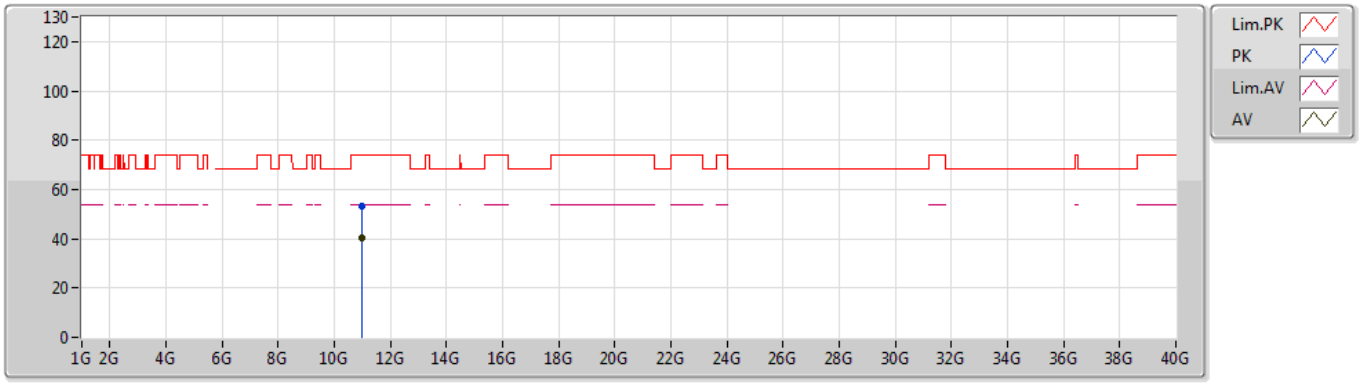
EUT Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4568G	59.90	74.00	-14.10	8.44	3	Horizontal	11	1.63	-
AV	5.4572G	46.50	54.00	-7.50	8.44	3	Horizontal	11	1.63	-
PK	5.4688G	61.41	68.20	-6.79	8.46	3	Horizontal	11	1.63	-
PK	5.4976G	114.62	Inf	-Inf	8.52	3	Horizontal	11	1.63	-
AV	5.4968G	104.88	Inf	-Inf	8.52	3	Horizontal	11	1.63	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

03/06/2019



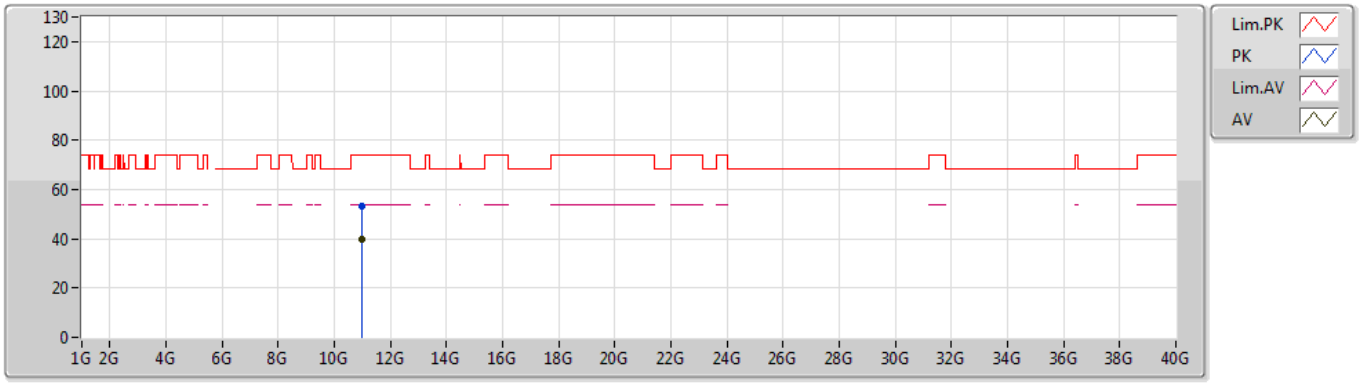
EUT Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.0016G	53.38	74.00	-20.62	14.26	3	Vertical	83	1.55	-
AV	10.99552G	40.14	54.00	-13.86	14.26	3	Vertical	83	1.55	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

03/06/2019



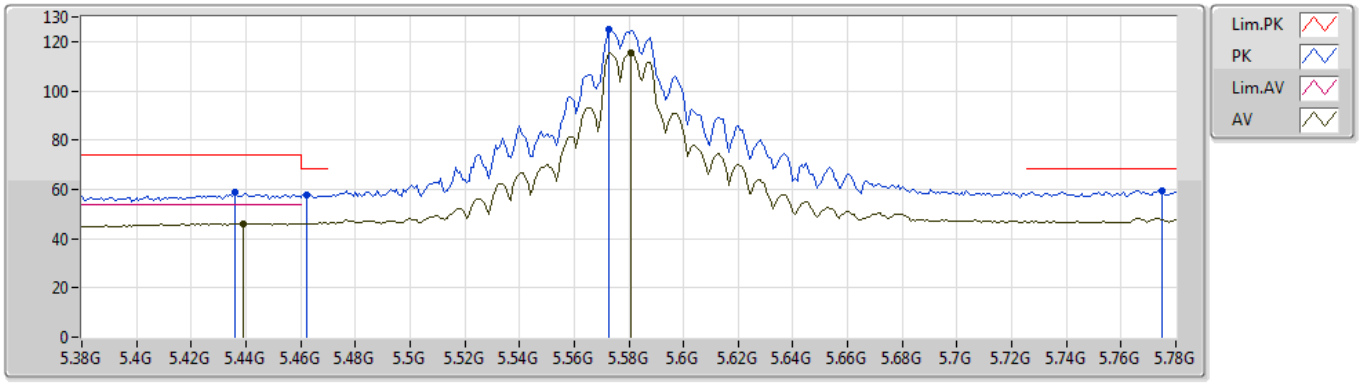
EUT Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.0012G	53.30	74.00	-20.70	14.26	3	Horizontal	288	1.19	-
AV	10.99744G	40.06	54.00	-13.94	14.26	3	Horizontal	288	1.19	-

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

04/06/2019



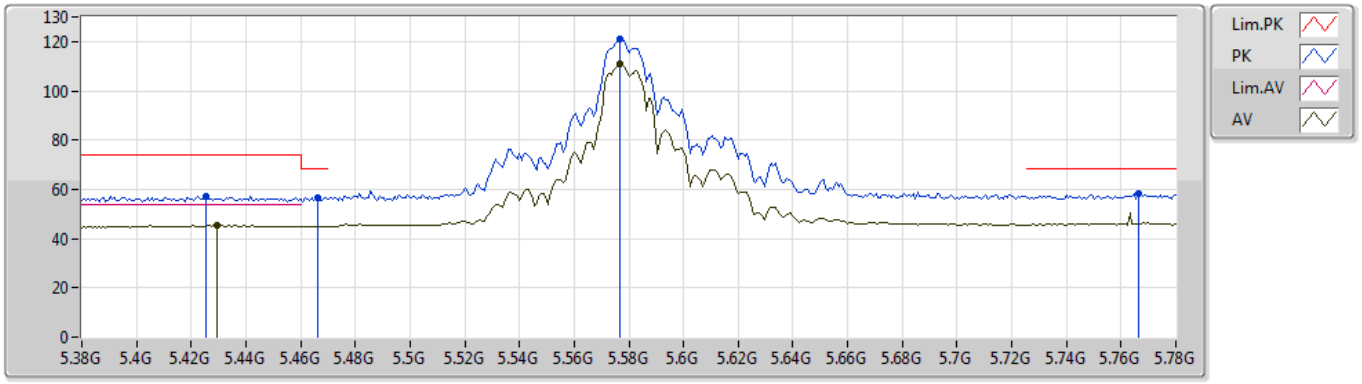
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.436G	58.86	74.00	-15.14	8.41	3	Vertical	205	1.16	-
AV	5.4392G	46.01	54.00	-7.99	8.41	3	Vertical	205	1.16	-
PK	5.4624G	57.63	68.20	-10.57	8.45	3	Vertical	205	1.16	-
PK	5.5728G	124.91	Inf	-Inf	8.56	3	Vertical	205	1.16	-
AV	5.5808G	115.45	Inf	-Inf	8.57	3	Vertical	205	1.16	-
PK	5.7752G	59.64	68.20	-8.56	8.87	3	Vertical	205	1.16	-

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

04/06/2019



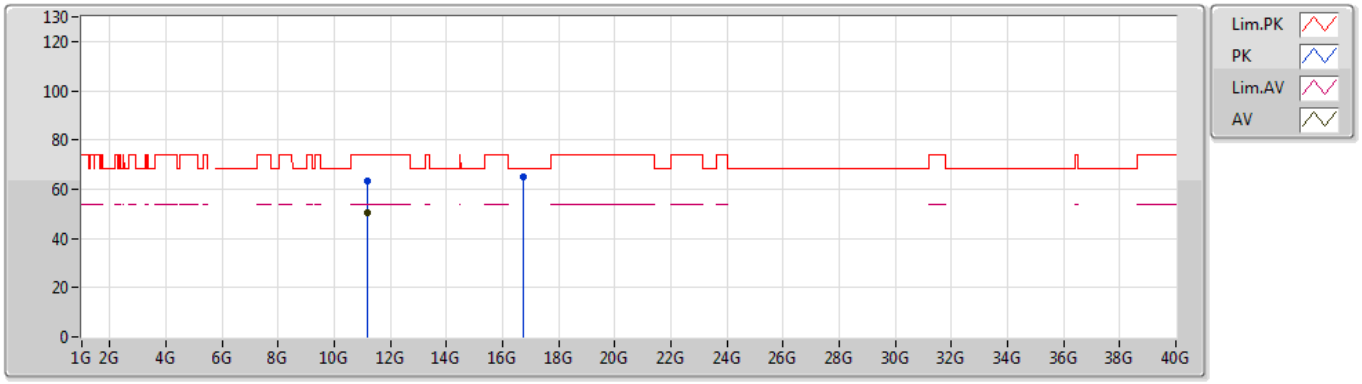
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4256G	57.34	74.00	-16.66	8.39	3	Horizontal	119	1.50	-
AV	5.4296G	45.21	54.00	-8.79	8.40	3	Horizontal	119	1.50	-
PK	5.4664G	56.72	68.20	-11.48	8.46	3	Horizontal	119	1.50	-
PK	5.5768G	120.87	Inf	-Inf	8.57	3	Horizontal	119	1.50	-
AV	5.5768G	111.21	Inf	-Inf	8.57	3	Horizontal	119	1.50	-
PK	5.7664G	58.30	68.20	-9.90	8.85	3	Horizontal	119	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

04/06/2019



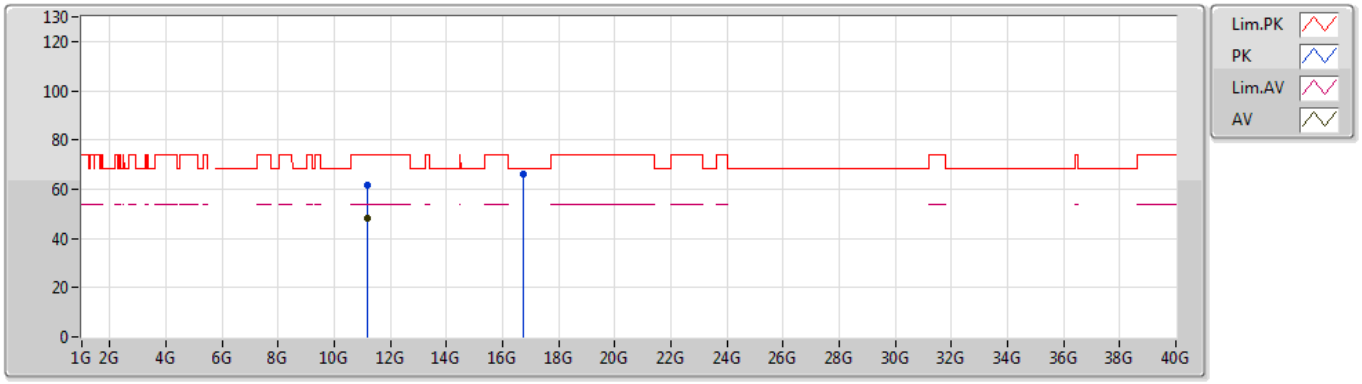
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15692G	63.20	74.00	-10.80	14.46	3	Vertical	226	2.23	-
AV	11.15712G	50.19	54.00	-3.81	14.46	3	Vertical	226	2.23	-
PK	16.735G	65.11	68.20	-3.09	18.13	3	Vertical	215	2.27	-

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

04/06/2019



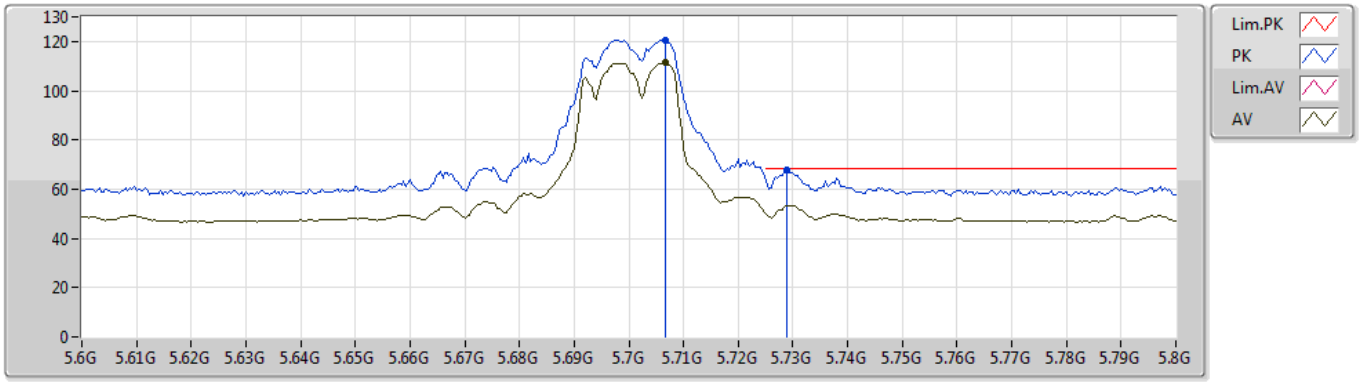
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1606G	61.53	74.00	-12.47	14.47	3	Horizontal	139	1.49	-
AV	11.16212G	48.08	54.00	-5.92	14.47	3	Horizontal	139	1.49	-
PK	16.74016G	66.34	68.20	-1.86	18.15	3	Horizontal	122	2.37	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

03/06/2019



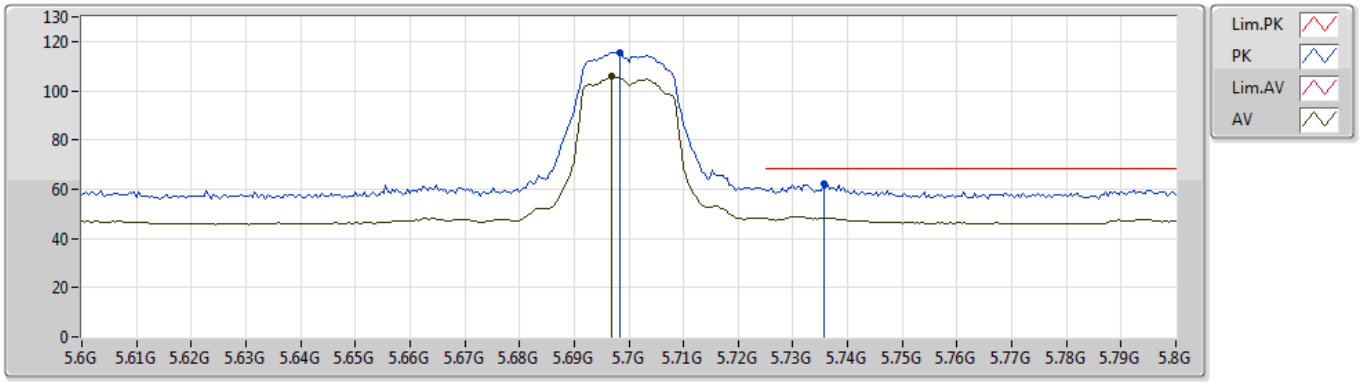
EUT Z_4TX
Setting 21.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7068G	120.58	Inf	-Inf	8.76	3	Vertical	358	1.60	-
AV	5.7068G	111.43	Inf	-Inf	8.76	3	Vertical	358	1.60	-
PK	5.7288G	67.88	68.20	-0.32	8.80	3	Vertical	358	1.60	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

03/06/2019



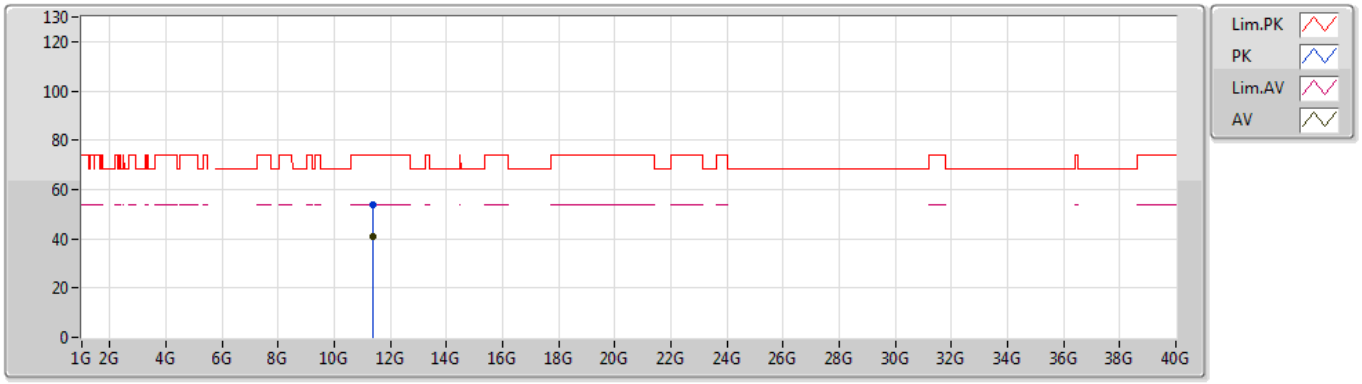
EUT Z_4TX
Setting 21.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6984G	115.56	Inf	-Inf	8.75	3	Horizontal	15	1.69	-
AV	5.6968G	105.82	Inf	-Inf	8.75	3	Horizontal	15	1.69	-
PK	5.7356G	62.02	68.20	-6.18	8.81	3	Horizontal	15	1.69	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

03/06/2019



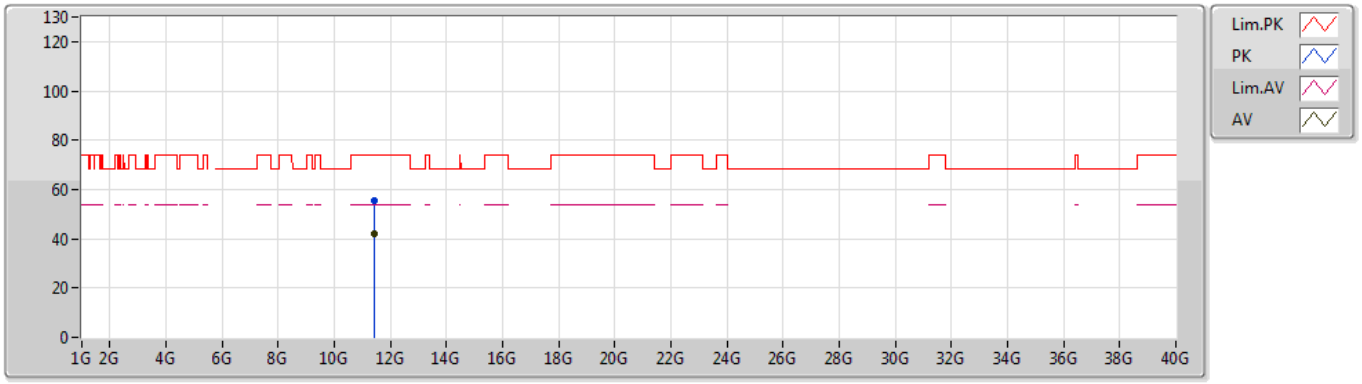
EUT Z_4TX
Setting 21.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39524G	54.03	74.00	-19.97	14.77	3	Vertical	55	1.93	-
AV	11.39784G	41.17	54.00	-12.83	14.77	3	Vertical	55	1.93	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

03/06/2019



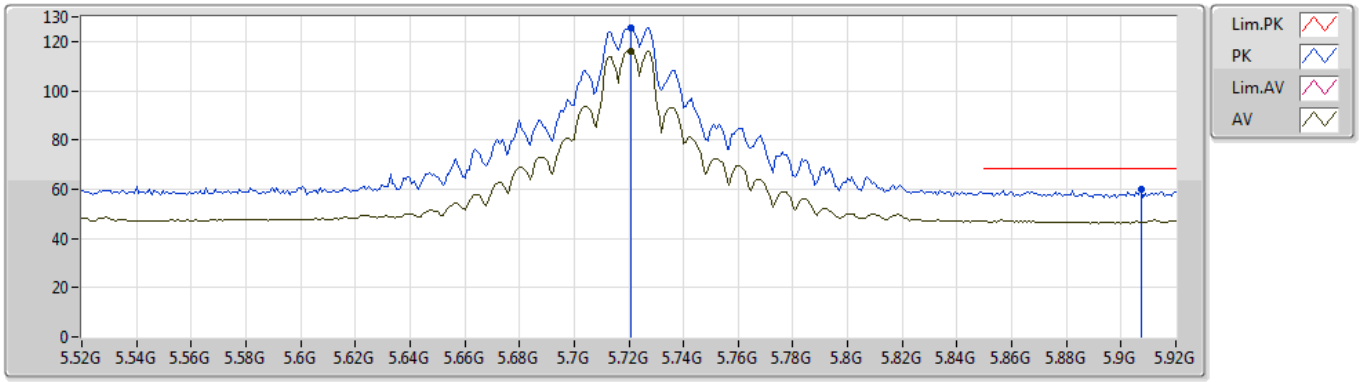
EUT Z_4TX
Setting 21.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40308G	55.61	74.00	-18.39	14.77	3	Horizontal	111	1.83	-
AV	11.40208G	42.06	54.00	-11.94	14.77	3	Horizontal	111	1.83	-

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

04/06/2019



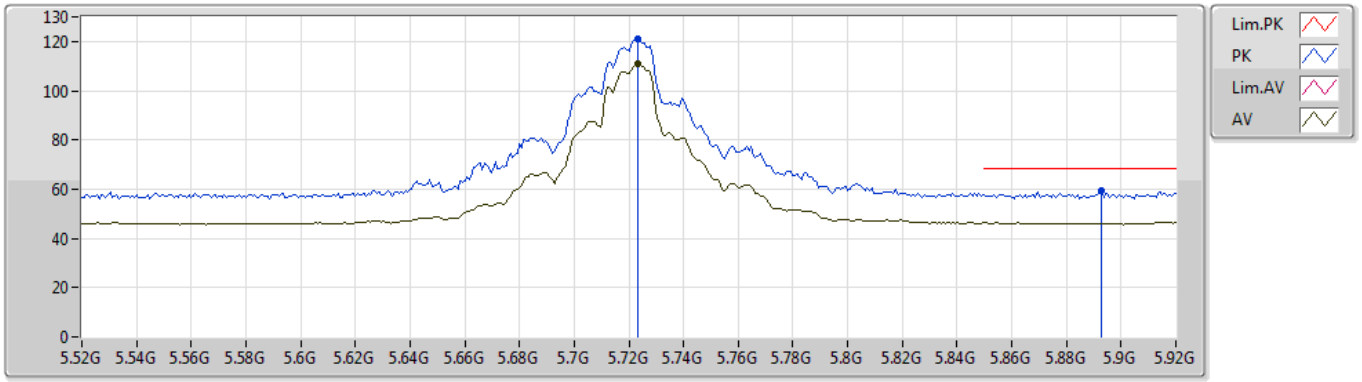
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7208G	125.51	Inf	-Inf	8.78	3	Vertical	13	1.76	-
AV	5.7208G	116.18	Inf	-Inf	8.78	3	Vertical	13	1.76	-
PK	5.9072G	59.91	68.20	-8.29	8.92	3	Vertical	13	1.76	-

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

04/06/2019



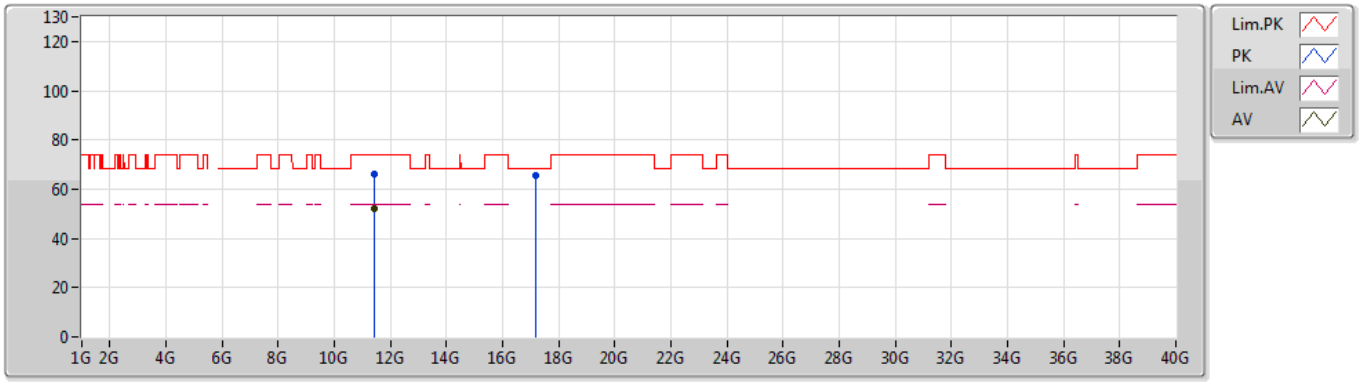
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7232G	120.94	Inf	-Inf	8.78	3	Horizontal	158	1.66	-
AV	5.7232G	111.19	Inf	-Inf	8.78	3	Horizontal	158	1.66	-
PK	5.8928G	59.29	68.20	-8.91	8.92	3	Horizontal	158	1.66	-

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

04/06/2019



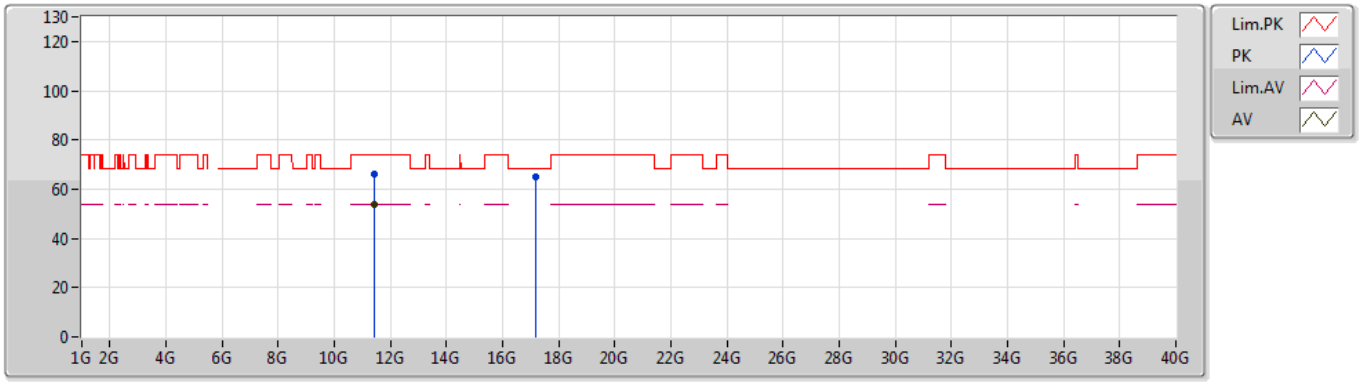
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.44476G	66.32	74.00	-7.68	14.84	3	Vertical	189	1.64	-
AV	11.4458G	52.12	54.00	-1.88	14.84	3	Vertical	189	1.64	-
PK	17.1654G	65.57	68.20	-2.63	20.29	3	Vertical	218	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

04/06/2019



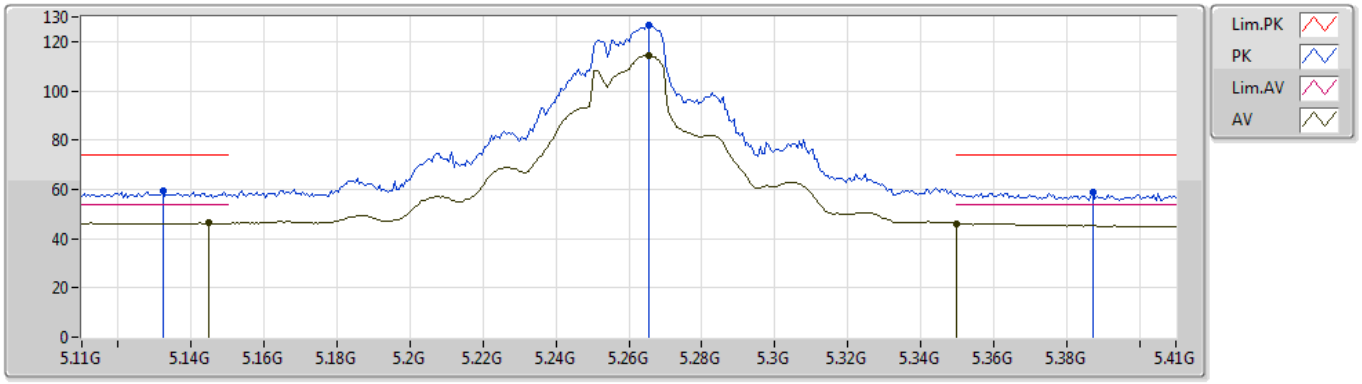
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.44056G	66.31	74.00	-7.69	14.82	3	Horizontal	124	1.58	-
AV	11.43992G	53.55	54.00	-0.45	14.82	3	Horizontal	124	1.58	-
PK	17.16184G	65.01	68.20	-3.19	20.27	3	Horizontal	143	1.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

03/06/2019



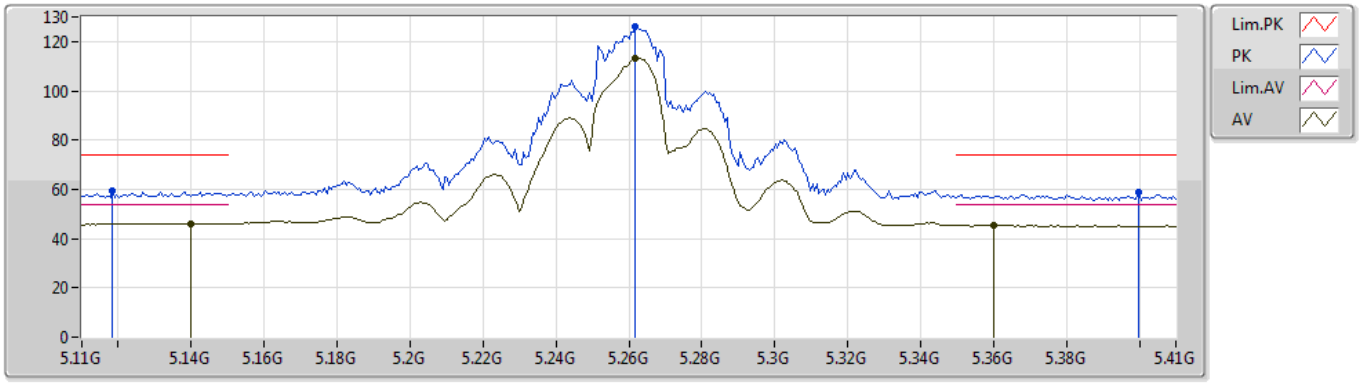
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1322G	59.13	74.00	-14.87	7.92	3	Vertical	235	1.31	-
AV	5.1448G	46.36	54.00	-7.64	7.94	3	Vertical	235	1.31	-
PK	5.2654G	126.80	Inf	-Inf	8.16	3	Vertical	235	1.31	-
AV	5.2654G	114.41	Inf	-Inf	8.16	3	Vertical	235	1.31	-
PK	5.3872G	58.58	74.00	-15.42	8.33	3	Vertical	235	1.31	-
AV	5.35G	46.10	54.00	-7.90	8.28	3	Vertical	235	1.31	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

03/06/2019



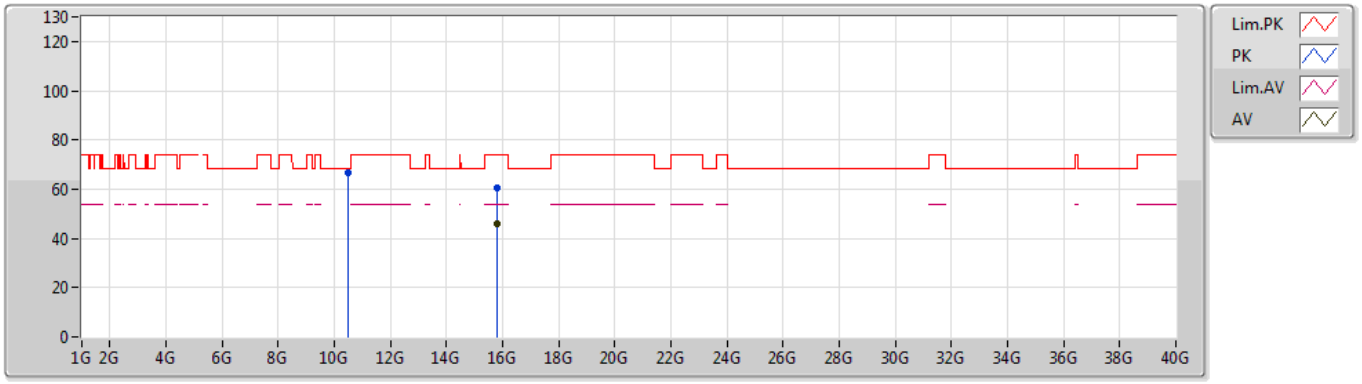
EUT Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1184G	59.48	74.00	-14.52	7.88	3	Horizontal	278	1.50	-
AV	5.14G	46.22	54.00	-7.78	7.93	3	Horizontal	278	1.50	-
PK	5.2618G	125.82	Inf	-Inf	8.15	3	Horizontal	278	1.50	-
AV	5.2618G	113.20	Inf	-Inf	8.15	3	Horizontal	278	1.50	-
PK	5.3998G	58.66	74.00	-15.34	8.34	3	Horizontal	278	1.50	-
AV	5.3602G	45.51	54.00	-8.49	8.29	3	Horizontal	278	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

03/06/2019



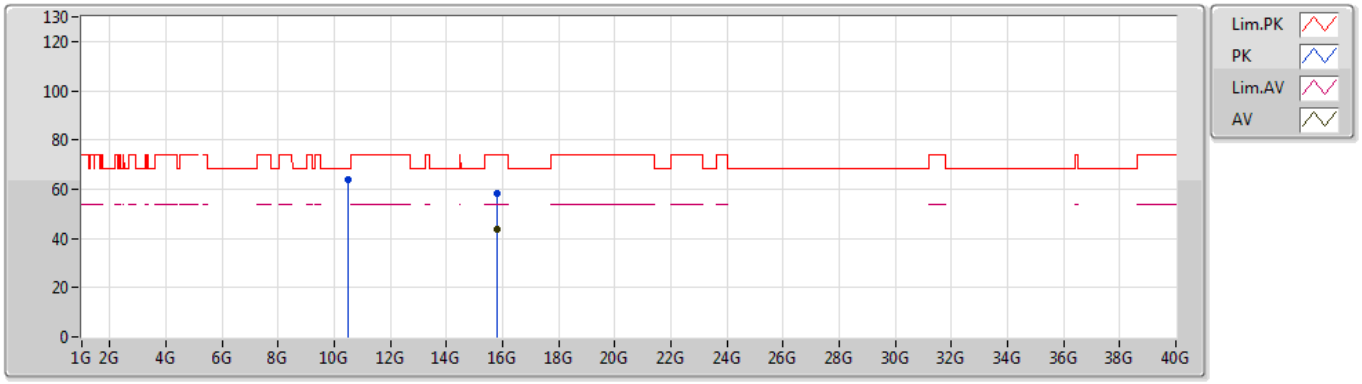
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51476G	66.63	68.20	-1.57	14.56	3	Vertical	130	1.97	-
PK	15.77968G	60.79	74.00	-13.21	15.44	3	Vertical	216	1.56	-
AV	15.77968G	46.22	54.00	-7.78	15.44	3	Vertical	216	1.56	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

03/06/2019



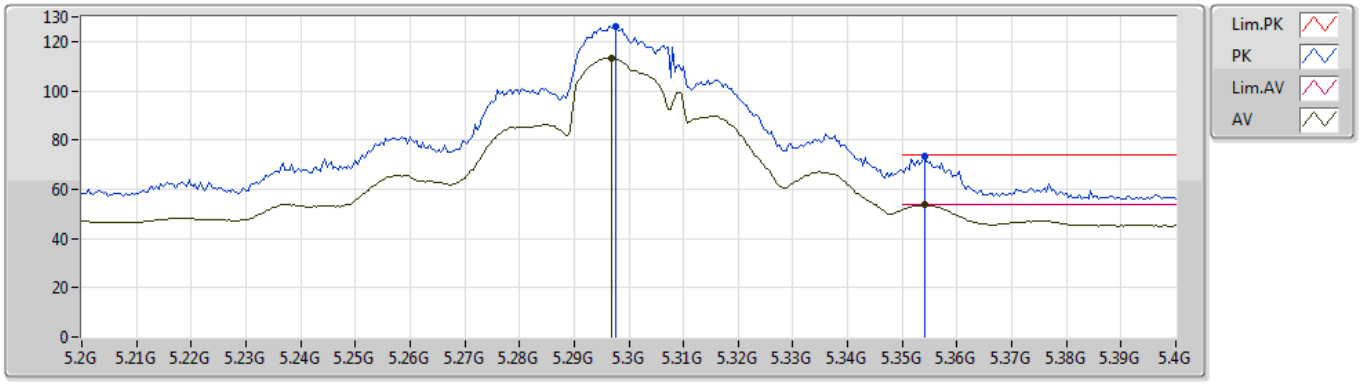
EUT Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5156G	63.87	68.20	-4.33	14.56	3	Horizontal	131	2.09	-
PK	15.7808G	58.09	74.00	-15.91	15.44	3	Horizontal	226	1.49	-
AV	15.7814G	43.86	54.00	-10.14	15.43	3	Horizontal	226	1.49	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

03/06/2019



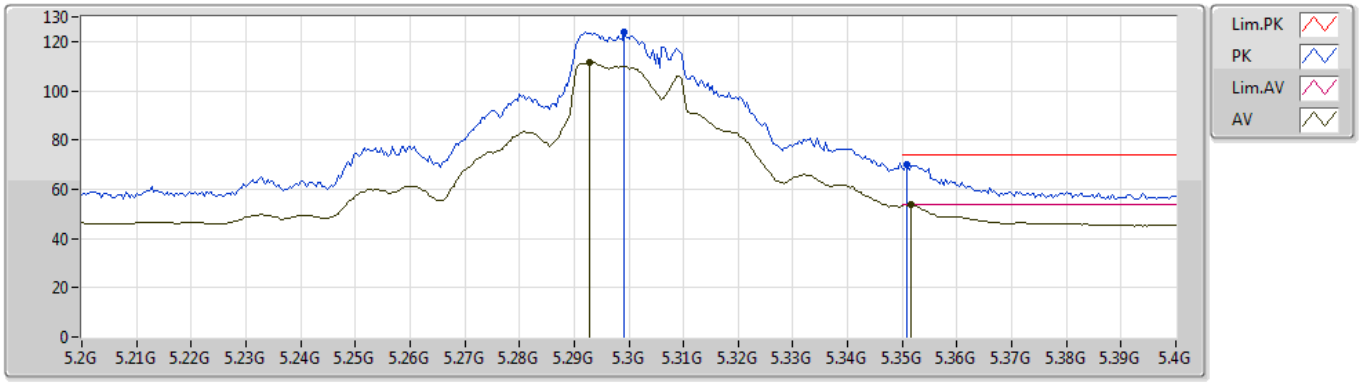
EUT Z_4TX
Setting 27.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2976G	126.20	Inf	-Inf	8.21	3	Vertical	229	1.62	-
AV	5.2968G	113.33	Inf	-Inf	8.21	3	Vertical	229	1.62	-
PK	5.354G	73.14	74.00	-0.86	8.28	3	Vertical	229	1.62	-
AV	5.354G	53.67	54.00	-0.33	8.28	3	Vertical	229	1.62	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

03/06/2019



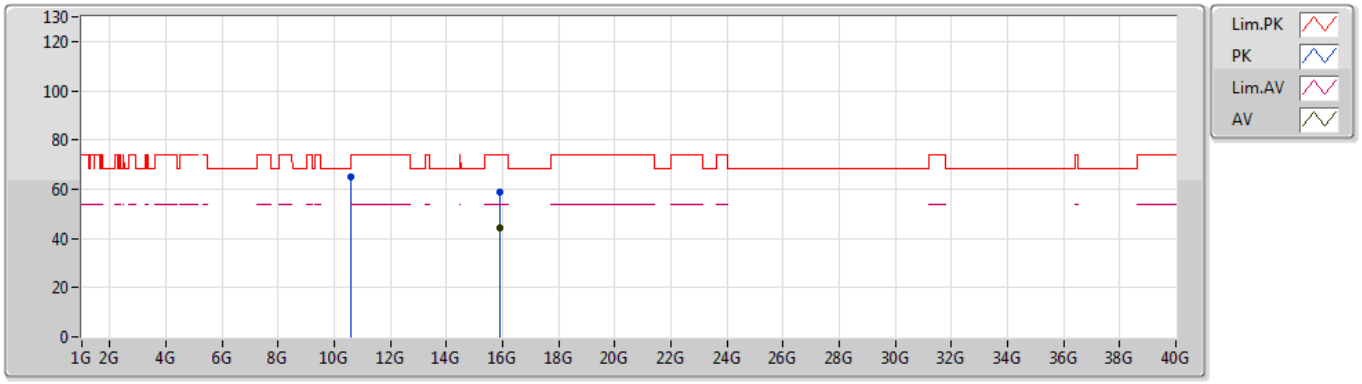
EUT Z_4TX
Setting 27.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2992G	123.67	Inf	-Inf	8.21	3	Horizontal	277	1.66	-
AV	5.2928G	111.68	Inf	-Inf	8.20	3	Horizontal	277	1.66	-
PK	5.3508G	70.04	74.00	-3.96	8.28	3	Horizontal	277	1.66	-
AV	5.3516G	53.64	54.00	-0.36	8.28	3	Horizontal	277	1.66	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

03/06/2019



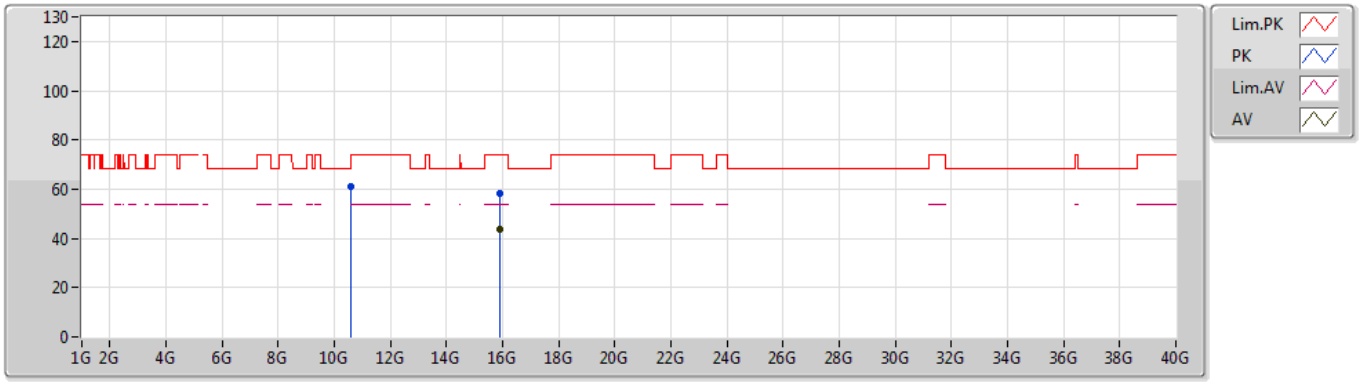
EUT Z_4TX
Setting 27.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59468G	65.05	68.20	-3.15	14.51	3	Vertical	132	2.01	-
PK	15.899G	58.56	74.00	-15.44	15.13	3	Vertical	211	1.50	-
AV	15.90128G	44.22	54.00	-9.78	15.13	3	Vertical	211	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

03/06/2019



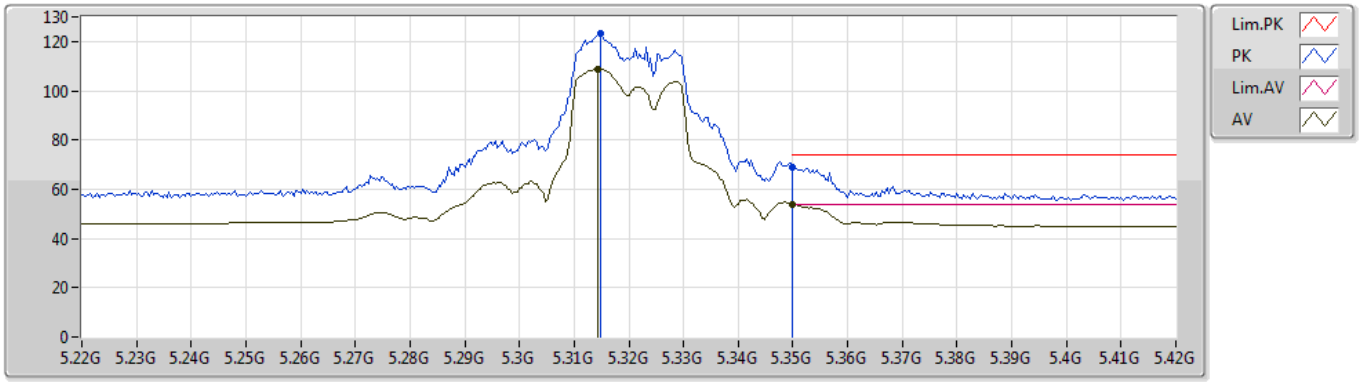
EUT Z_4TX
Setting 27.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59756G	61.08	68.20	-7.12	14.51	3	Horizontal	129	2.07	-
PK	15.90964G	58.43	74.00	-15.57	15.10	3	Horizontal	216	1.45	-
AV	15.89G	43.78	54.00	-10.22	15.15	3	Horizontal	216	1.45	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



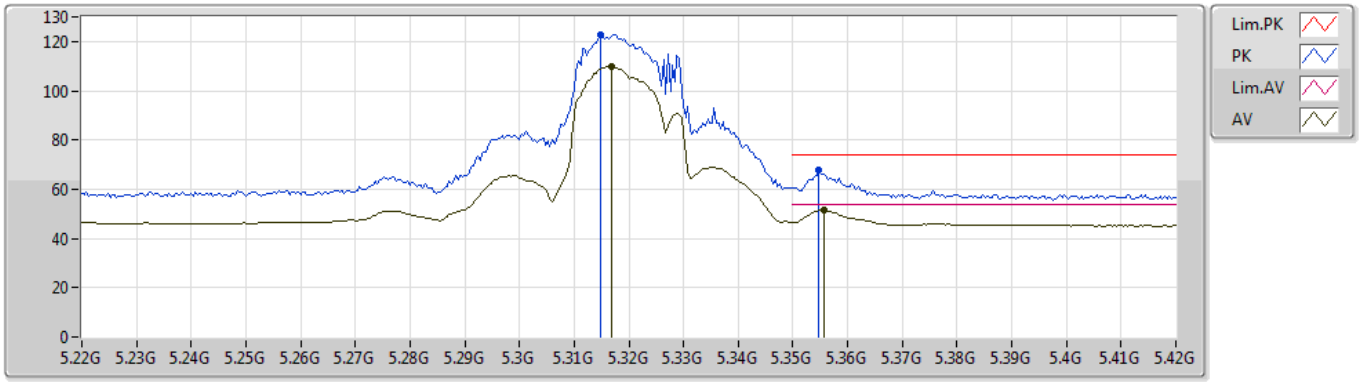
EUT Z_4TX
Setting 23
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3148G	123.01	Inf	-Inf	8.23	3	Vertical	278	1.50	-
AV	5.3144G	108.79	Inf	-Inf	8.23	3	Vertical	278	1.50	-
PK	5.35G	69.13	74.00	-4.87	8.28	3	Vertical	278	1.50	-
AV	5.35G	53.83	54.00	-0.17	8.28	3	Vertical	278	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



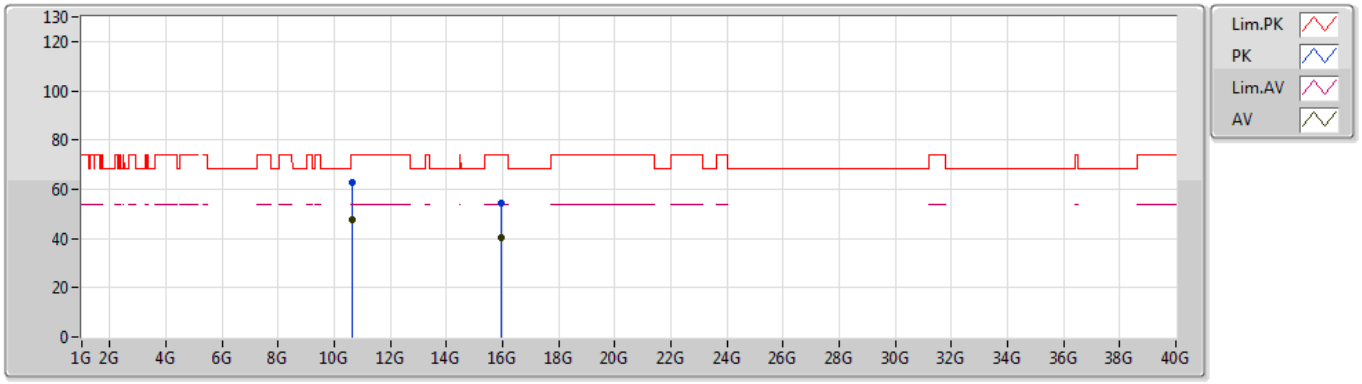
EUT Z_4TX
Setting 23
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3148G	122.81	Inf	-Inf	8.23	3	Horizontal	269	1.50	-
AV	5.3168G	109.67	Inf	-Inf	8.23	3	Horizontal	269	1.50	-
PK	5.3548G	67.53	74.00	-6.47	8.28	3	Horizontal	269	1.50	-
AV	5.3556G	51.46	54.00	-2.54	8.28	3	Horizontal	269	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



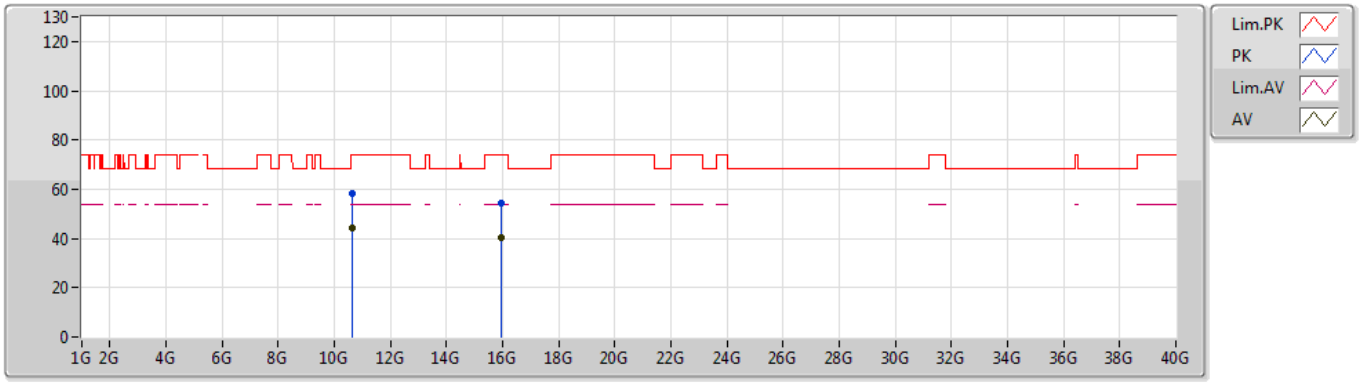
EUT Z_4TX
Setting 23
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63416G	62.70	74.00	-11.30	14.49	3	Vertical	124	1.97	-
AV	10.6348G	47.74	54.00	-6.26	14.49	3	Vertical	124	1.97	-
PK	15.9506G	54.31	74.00	-19.69	14.98	3	Vertical	140	1.90	-
AV	15.95424G	40.47	54.00	-13.53	14.97	3	Vertical	140	1.90	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



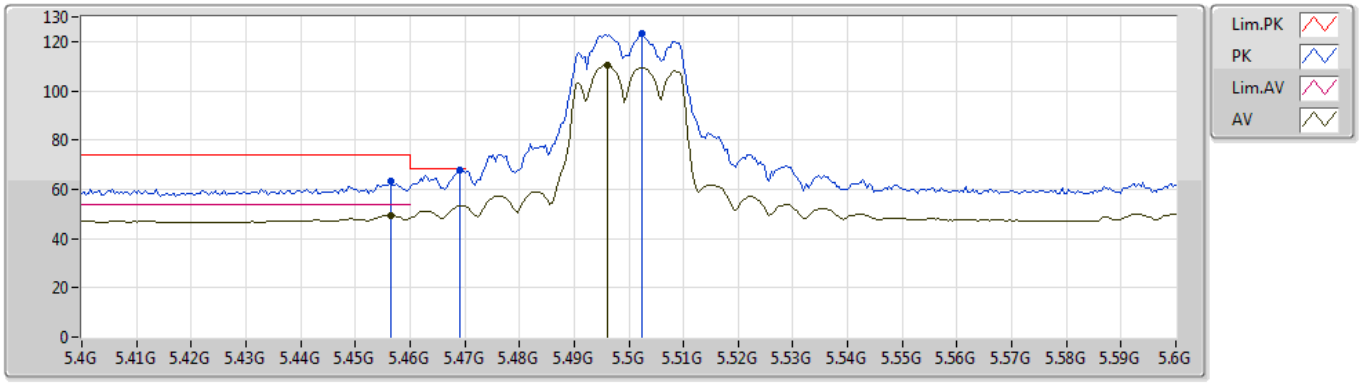
EUT Z_4TX
Setting 23
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6436G	58.19	74.00	-15.81	14.49	3	Horizontal	133	1.35	-
AV	10.64472G	44.54	54.00	-9.46	14.48	3	Horizontal	133	1.35	-
PK	15.9614G	54.27	74.00	-19.73	14.96	3	Horizontal	163	1.86	-
AV	15.96636G	40.10	54.00	-13.90	14.95	3	Horizontal	163	1.86	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

12/06/2019



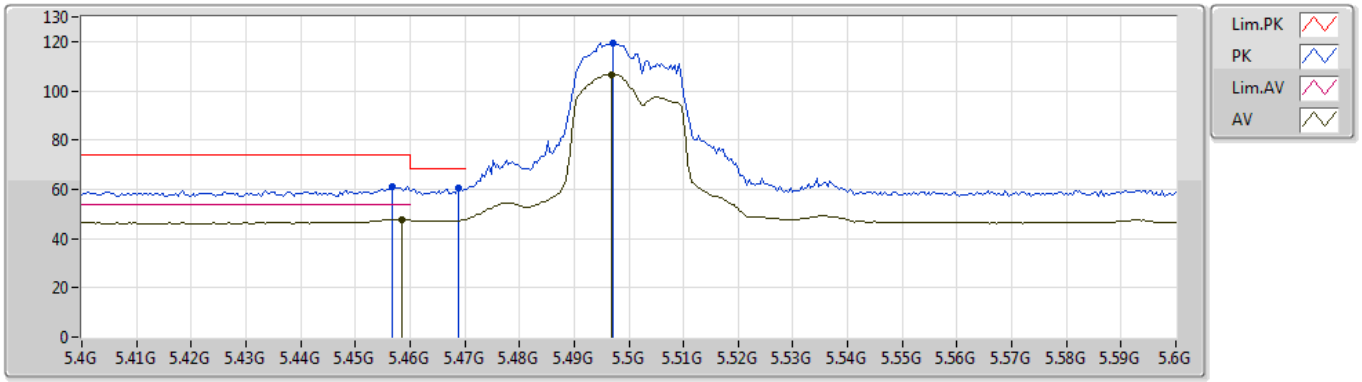
EUT Z_4TX
Setting 21
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4564G	63.29	74.00	-10.71	8.44	3	Vertical	6	1.50	-
AV	5.4564G	49.35	54.00	-4.65	8.44	3	Vertical	6	1.50	-
PK	5.4692G	67.88	68.20	-0.32	8.46	3	Vertical	6	1.50	-
PK	5.5024G	123.23	Inf	-Inf	8.52	3	Vertical	6	1.50	-
AV	5.496G	110.23	Inf	-Inf	8.51	3	Vertical	6	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

12/06/2019



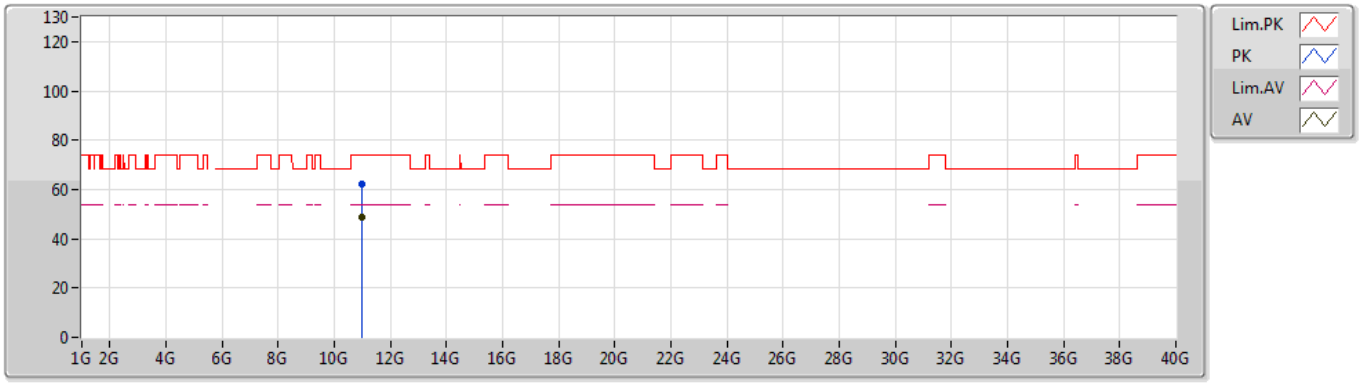
EUT Z_4TX
Setting 21
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4568G	60.93	74.00	-13.07	8.44	3	Horizontal	358	1.31	-
AV	5.4584G	47.89	54.00	-6.11	8.45	3	Horizontal	358	1.31	-
PK	5.4688G	60.64	68.20	-7.56	8.46	3	Horizontal	358	1.31	-
PK	5.4972G	119.60	Inf	-Inf	8.52	3	Horizontal	358	1.31	-
AV	5.4968G	106.64	Inf	-Inf	8.52	3	Horizontal	358	1.31	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

12/06/2019



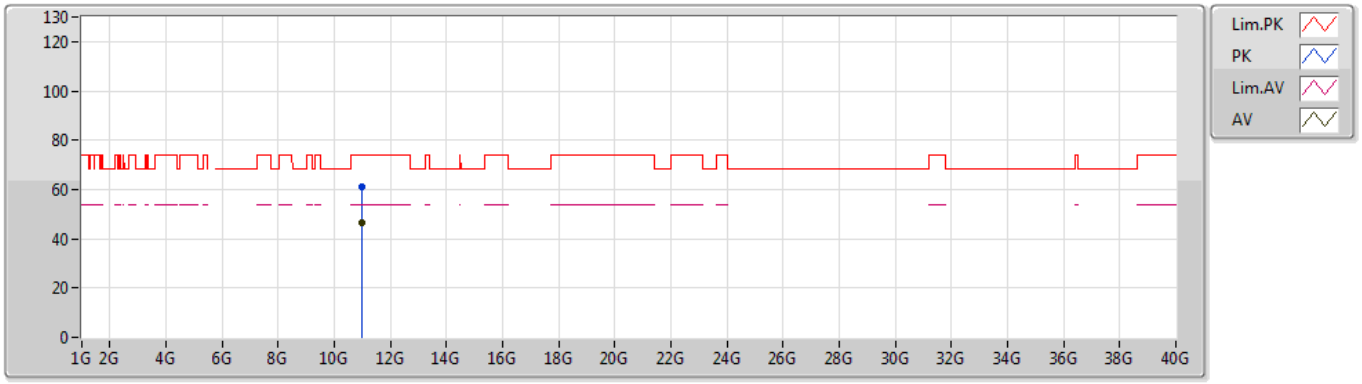
EUT Z_4TX
Setting 21
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00276G	62.43	74.00	-11.57	14.26	3	Vertical	228	2.28	-
AV	11.00426G	48.71	54.00	-5.29	14.26	3	Vertical	228	2.28	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

12/06/2019



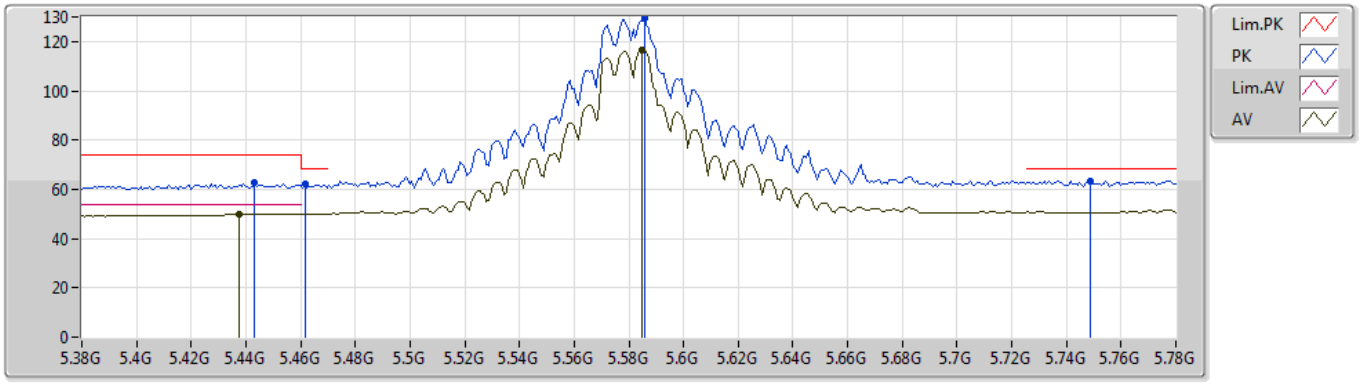
EUT Z_4TX
Setting 21
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99472G	61.34	74.00	-12.66	14.26	3	Horizontal	134	1.43	-
AV	10.9949G	46.43	54.00	-7.57	14.26	3	Horizontal	134	1.43	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

12/06/2019



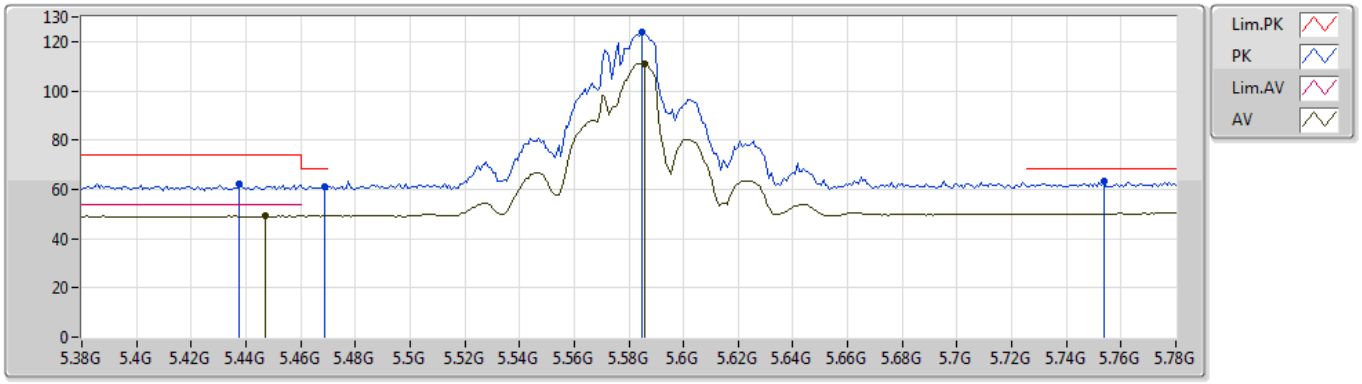
EUT Z_4TX
Setting 31
02-B-4-13
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4432G	62.58	74.00	-11.42	8.42	3	Vertical	10	2.08	-
AV	5.4376G	49.97	54.00	-4.03	8.41	3	Vertical	10	2.08	-
PK	5.4616G	62.09	68.20	-6.11	8.45	3	Vertical	10	2.08	-
PK	5.5856G	129.31	Inf	-Inf	8.57	3	Vertical	10	2.08	-
AV	5.5848G	116.62	Inf	-Inf	8.57	3	Vertical	10	2.08	-
PK	5.7488G	63.47	68.20	-4.73	8.82	3	Vertical	10	2.08	-

802.11ax HEW20_Nss1,(MCS0)_4TX

12/06/2019

5580MHz_TX



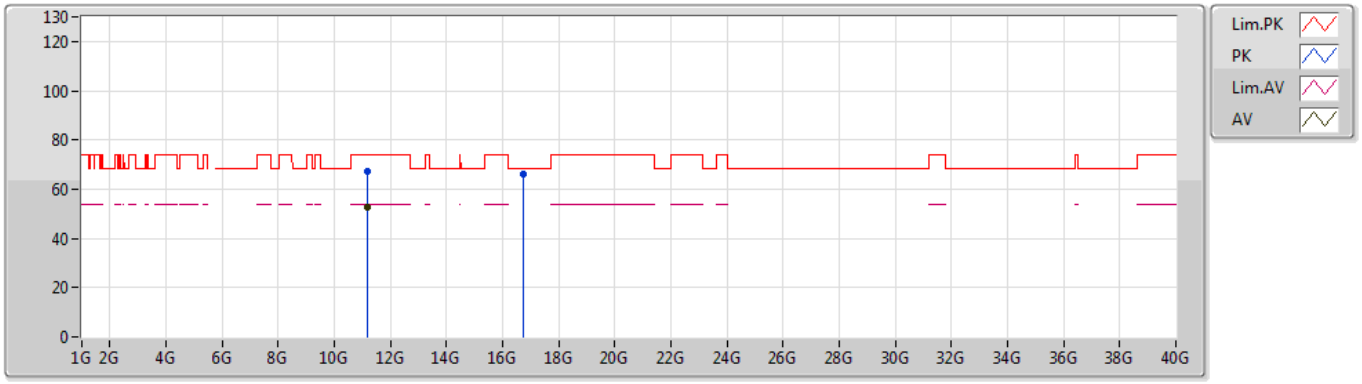
EUT Z_4TX
Setting 31
02-B-4-13
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4376G	62.19	74.00	-11.81	8.41	3	Horizontal	138	1.52	-
AV	5.4472G	49.19	54.00	-4.81	8.42	3	Horizontal	138	1.52	-
PK	5.4688G	61.32	68.20	-6.88	8.46	3	Horizontal	138	1.52	-
PK	5.5848G	123.74	Inf	-Inf	8.57	3	Horizontal	138	1.52	-
AV	5.5856G	111.05	Inf	-Inf	8.57	3	Horizontal	138	1.52	-
PK	5.7536G	63.28	68.20	-4.92	8.83	3	Horizontal	138	1.52	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

12/06/2019



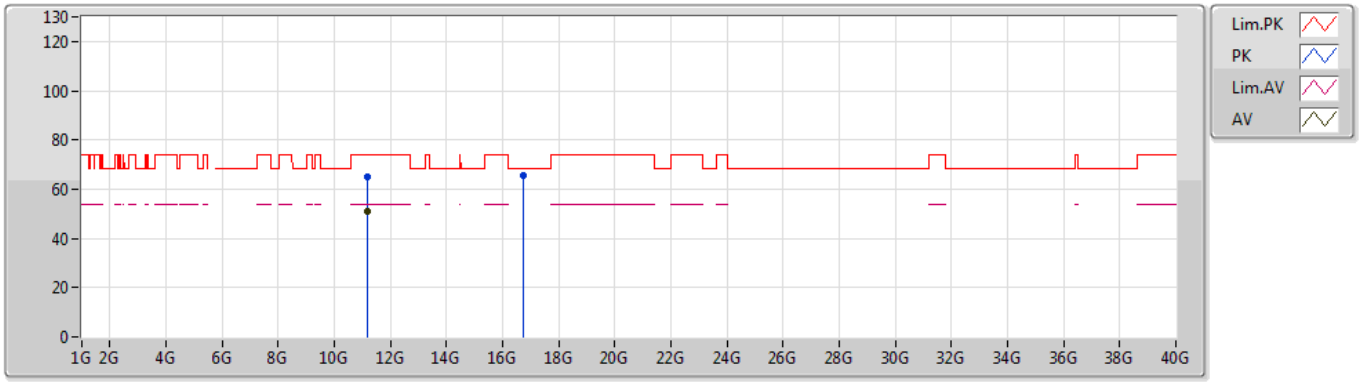
EUT Z_4TX
Setting 31
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1636G	67.22	74.00	-6.78	14.47	3	Vertical	224	1.66	-
AV	11.164G	52.88	54.00	-1.12	14.47	3	Vertical	224	1.66	-
PK	16.74072G	65.94	68.20	-2.26	18.15	3	Vertical	216	2.54	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5580MHz_TX

12/06/2019



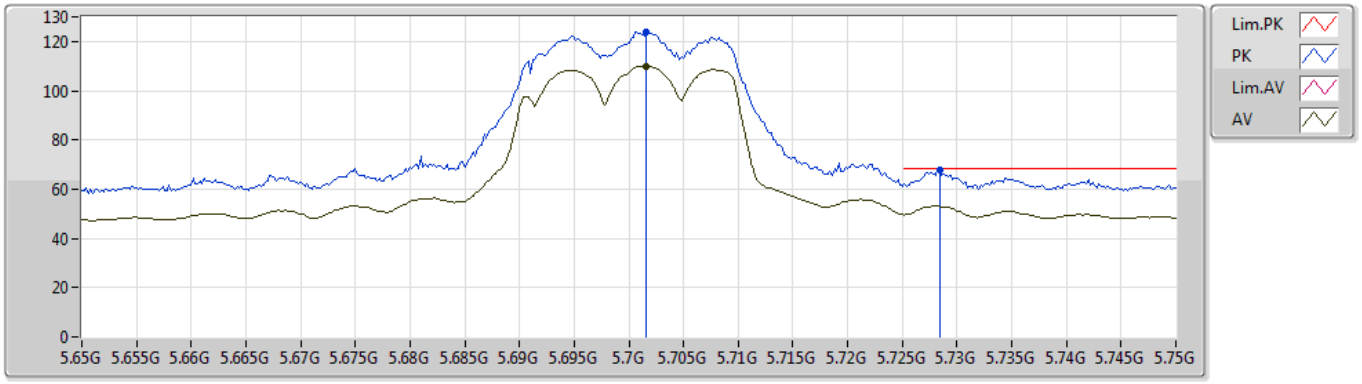
EUT Z_4TX
Setting 31
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.16472G	64.72	74.00	-9.28	14.47	3	Horizontal	139	1.78	-
AV	11.16496G	51.22	54.00	-2.78	14.47	3	Horizontal	139	1.78	-
PK	16.73904G	65.66	68.20	-2.54	18.15	3	Horizontal	211	1.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX

12/06/2019



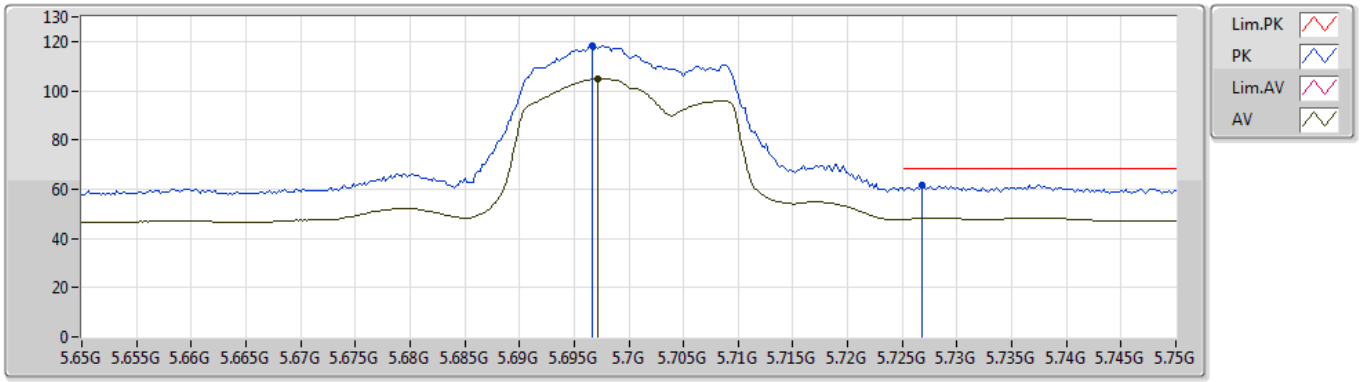
EUT Z_4TX
Setting 20
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7016G	123.83	Inf	-Inf	8.75	3	Vertical	6	1.68	-
AV	5.7016G	110.05	Inf	-Inf	8.75	3	Vertical	6	1.68	-
PK	5.7284G	67.90	68.20	-0.30	8.80	3	Vertical	6	1.68	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX

12/06/2019



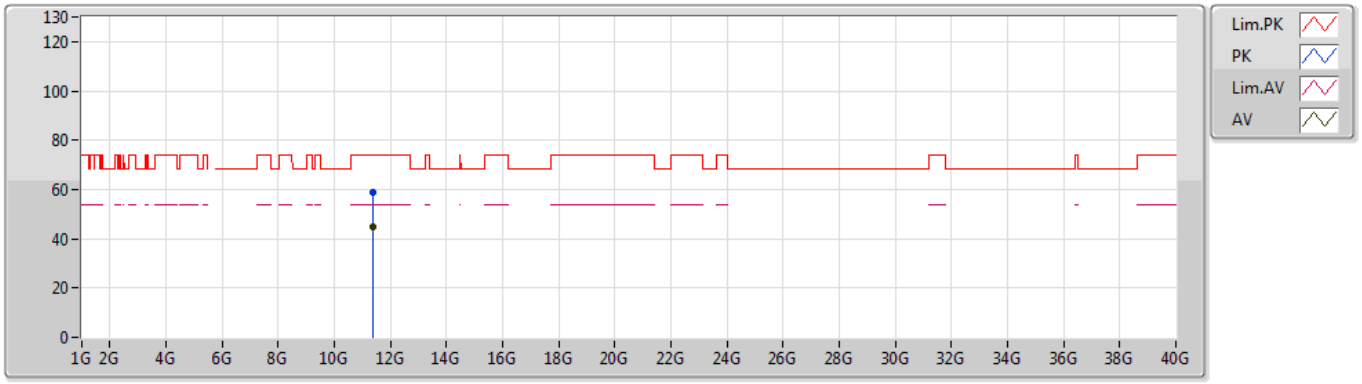
EUT Z_4TX
Setting 20
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6966G	118.42	Inf	-Inf	8.75	3	Horizontal	191	1.15	-
AV	5.6972G	104.91	Inf	-Inf	8.75	3	Horizontal	191	1.15	-
PK	5.7268G	61.58	68.20	-6.62	8.79	3	Horizontal	191	1.15	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX

12/06/2019



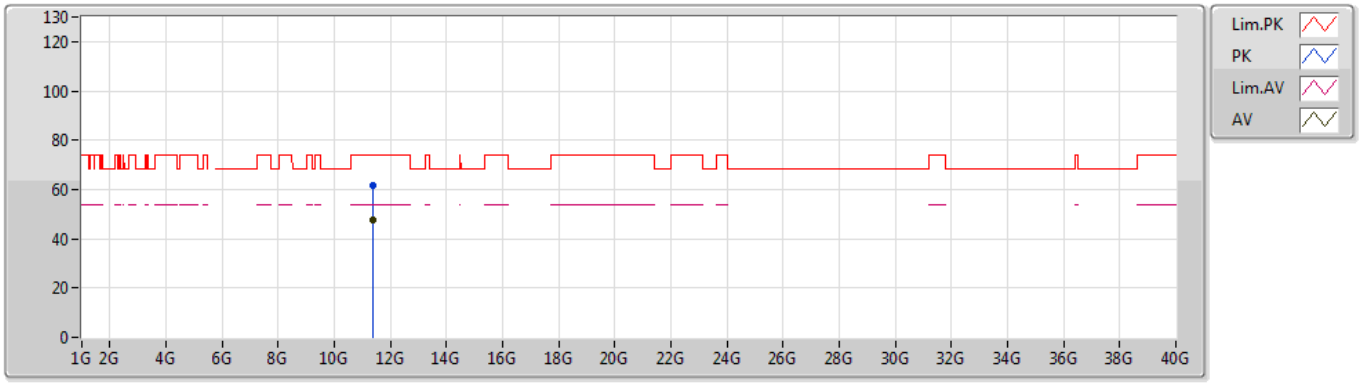
EUT Z_4TX
Setting 20
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39418G	59.08	74.00	-14.92	14.77	3	Vertical	220	1.60	-
AV	11.39388G	44.86	54.00	-9.14	14.77	3	Vertical	220	1.60	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5700MHz_TX

12/06/2019



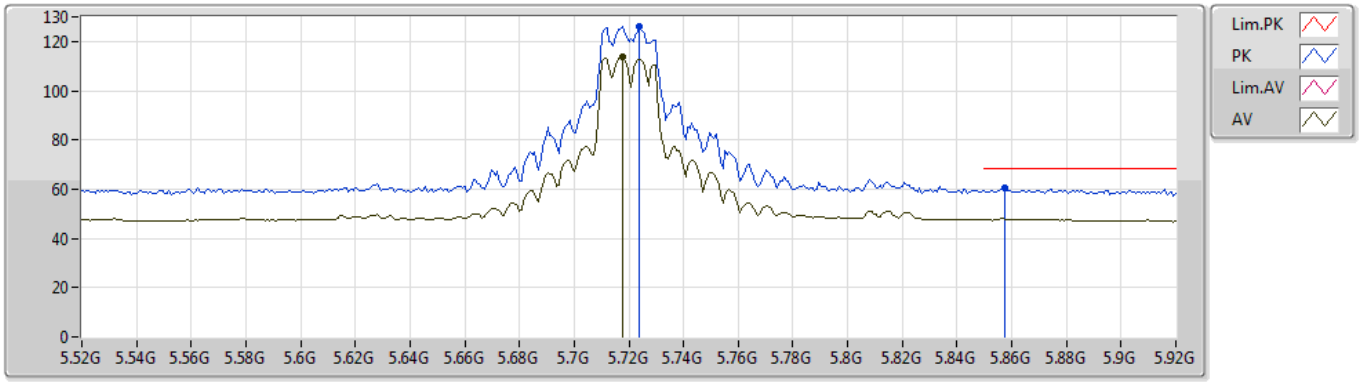
EUT Z_4TX
Setting 20
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40012G	61.85	74.00	-12.15	14.77	3	Horizontal	127	1.29	-
AV	11.40018G	47.59	54.00	-6.41	14.77	3	Horizontal	127	1.29	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/06/2019



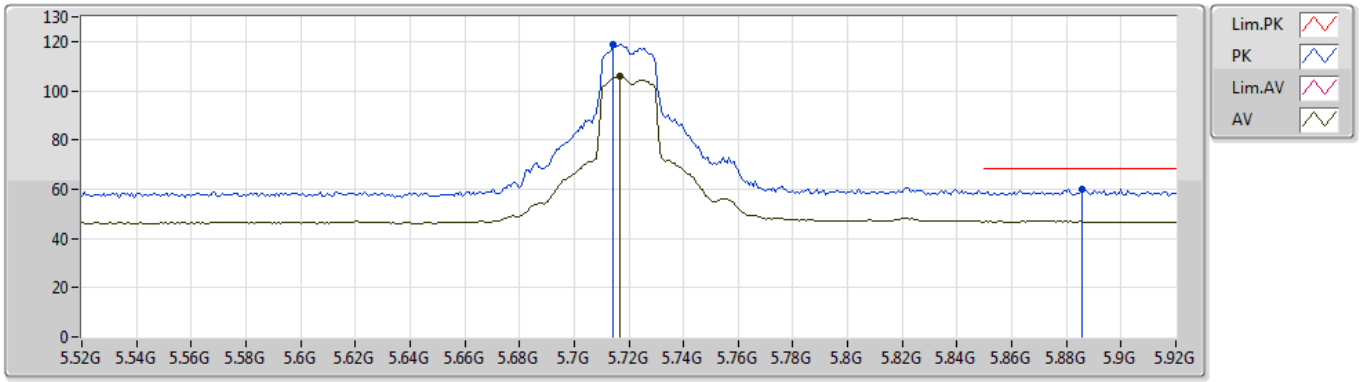
EUT Z_4TX
Setting 24.5
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.724G	126.03	Inf	-Inf	8.78	3	Vertical	6	1.64	-
AV	5.7176G	113.60	Inf	-Inf	8.77	3	Vertical	6	1.64	-
PK	5.8576G	60.36	68.20	-7.84	8.90	3	Vertical	6	1.64	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/06/2019



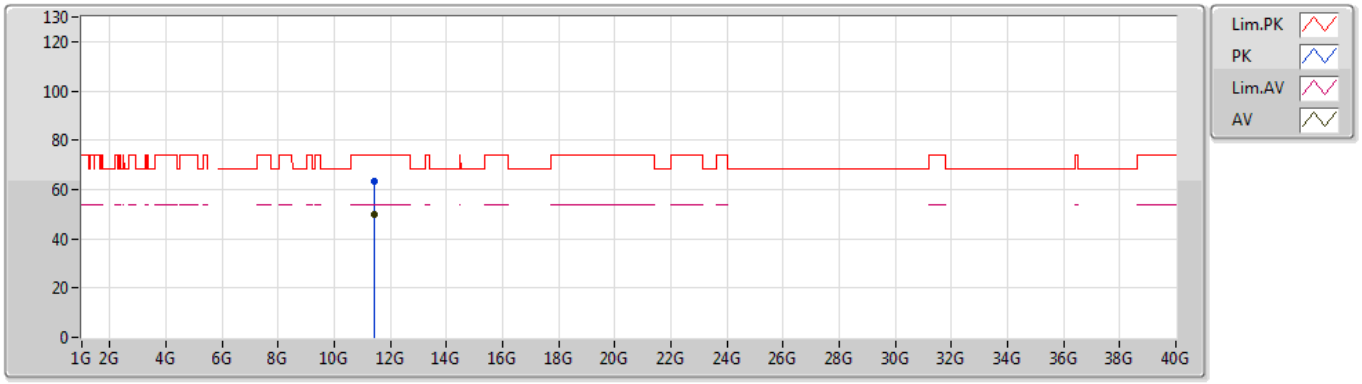
EUT Z_4TX
Setting 24.5
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7144G	119.01	Inf	-Inf	8.77	3	Horizontal	144	2.95	-
AV	5.7168G	105.87	Inf	-Inf	8.77	3	Horizontal	144	2.95	-
PK	5.8856G	59.83	68.20	-8.37	8.91	3	Horizontal	144	2.95	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/06/2019



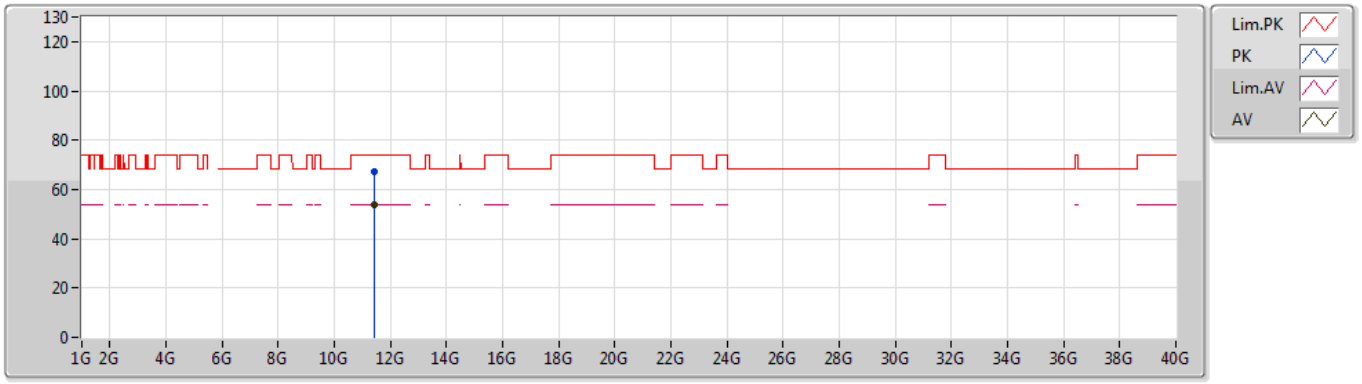
EUT Z_4TX
Setting 24.5
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.43304G	63.44	74.00	-10.56	14.82	3	Vertical	222	1.54	-
AV	11.43352G	49.87	54.00	-4.13	14.82	3	Vertical	222	1.54	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/06/2019



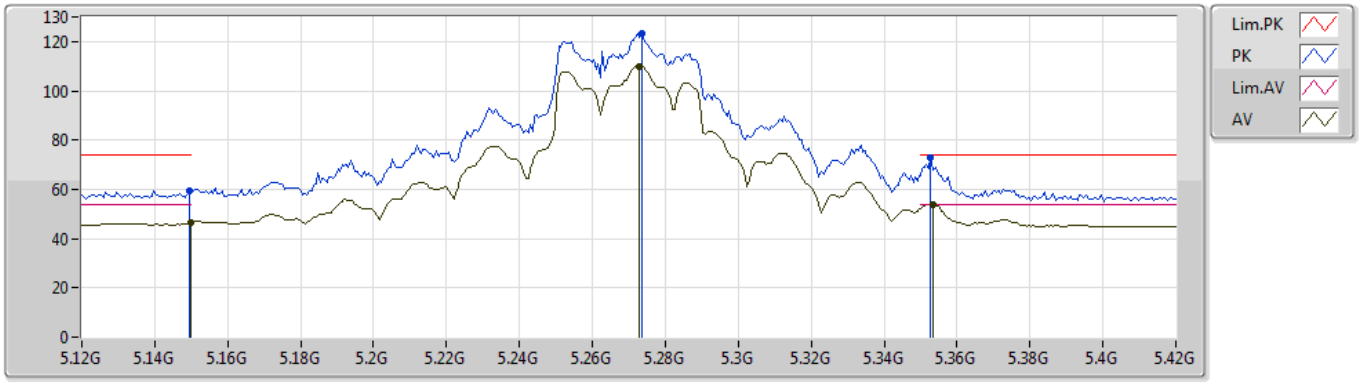
EUT Z_4TX
Setting 24.5
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.43424G	67.32	74.00	-6.68	14.82	3	Horizontal	119	1.22	-
AV	11.4336G	53.76	54.00	-0.24	14.82	3	Horizontal	119	1.22	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX

03/06/2019



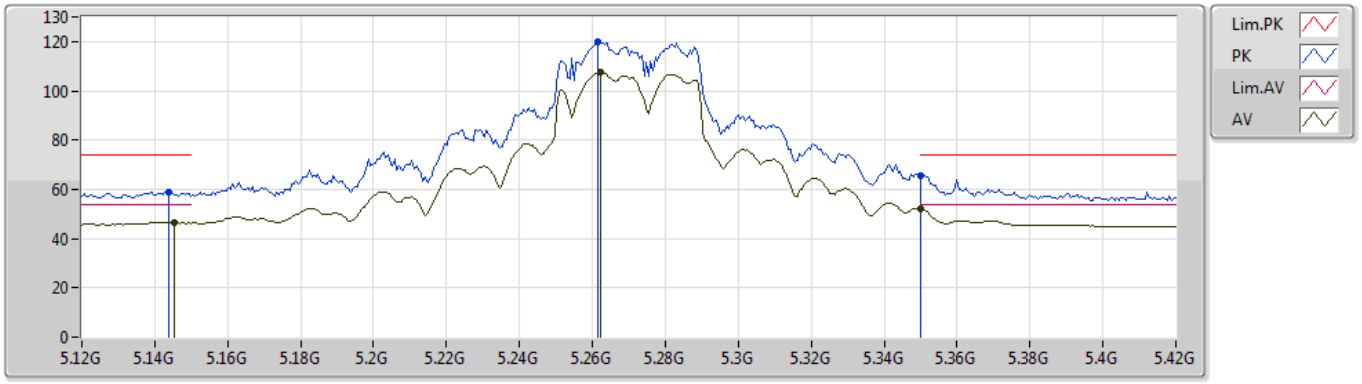
EUT Z_4TX
Setting 25.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1494G	59.28	74.00	-14.72	7.94	3	Vertical	260	1.33	-
AV	5.15G	46.62	54.00	-7.38	7.94	3	Vertical	260	1.33	-
PK	5.2736G	123.18	Inf	-Inf	8.17	3	Vertical	260	1.33	-
AV	5.273G	110.10	Inf	-Inf	8.17	3	Vertical	260	1.33	-
PK	5.3528G	72.83	74.00	-1.17	8.28	3	Vertical	260	1.33	-
AV	5.3534G	53.91	54.00	-0.09	8.28	3	Vertical	260	1.33	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX

03/06/2019



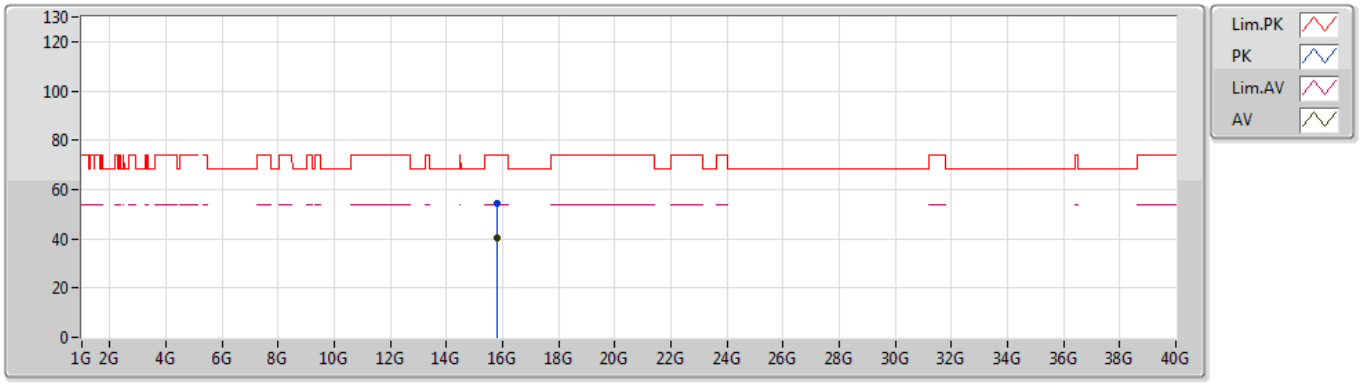
EUT Z_4TX
Setting 25.5
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	58.86	74.00	-15.14	7.94	3	Horizontal	279	1.50	-
AV	5.1452G	46.74	54.00	-7.26	7.94	3	Horizontal	279	1.50	-
PK	5.2616G	120.04	Inf	-Inf	8.15	3	Horizontal	279	1.50	-
AV	5.2622G	107.34	Inf	-Inf	8.15	3	Horizontal	279	1.50	-
PK	5.35G	65.78	74.00	-8.22	8.28	3	Horizontal	279	1.50	-
AV	5.35G	52.14	54.00	-1.86	8.28	3	Horizontal	279	1.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX

03/06/2019



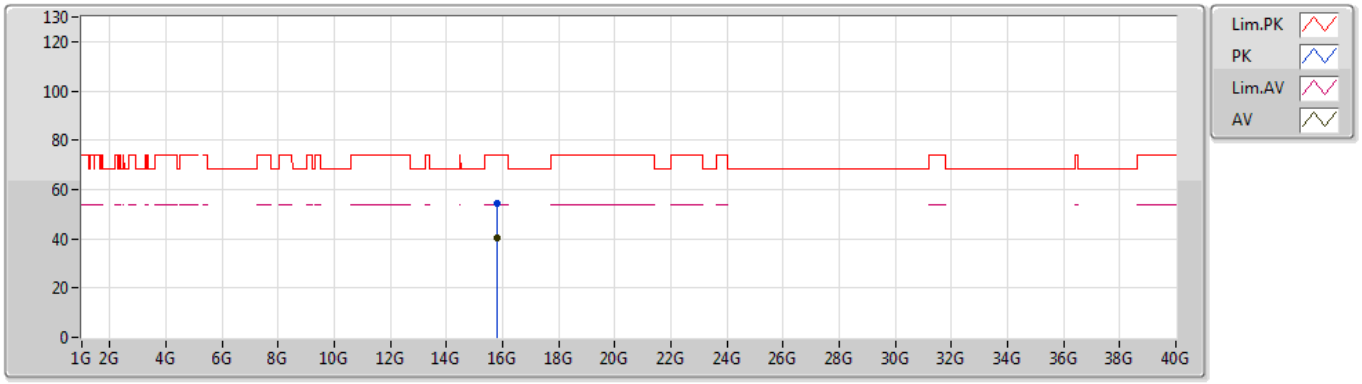
EUT Z_4TX
Setting 25.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80496G	54.17	74.00	-19.83	15.38	3	Vertical	259	2.12	-
AV	15.8032G	40.32	54.00	-13.68	15.38	3	Vertical	259	2.12	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz_TX

03/06/2019



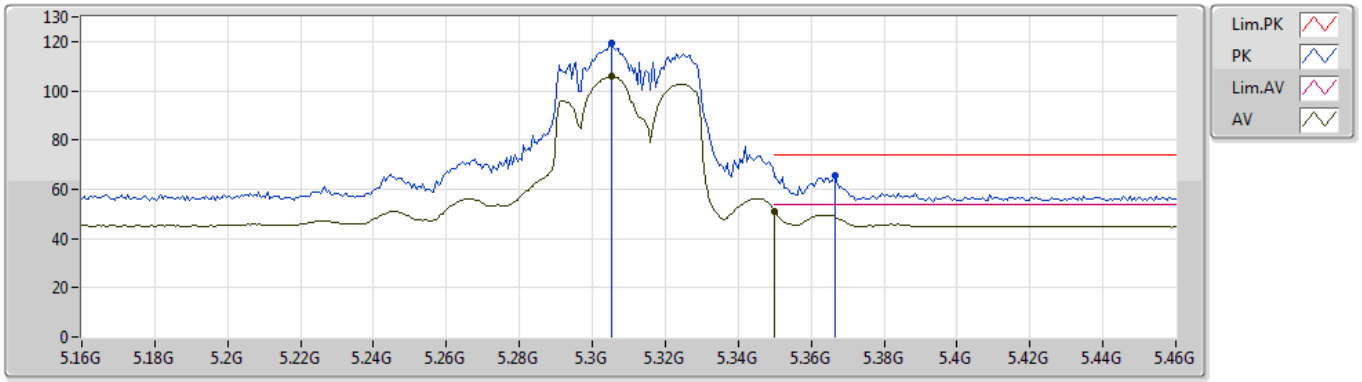
EUT Z_4TX
Setting 25.5
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80236G	54.14	74.00	-19.86	15.37	3	Horizontal	257	1.83	-
AV	15.80316G	40.30	54.00	-13.70	15.38	3	Horizontal	257	1.83	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TX

03/06/2019



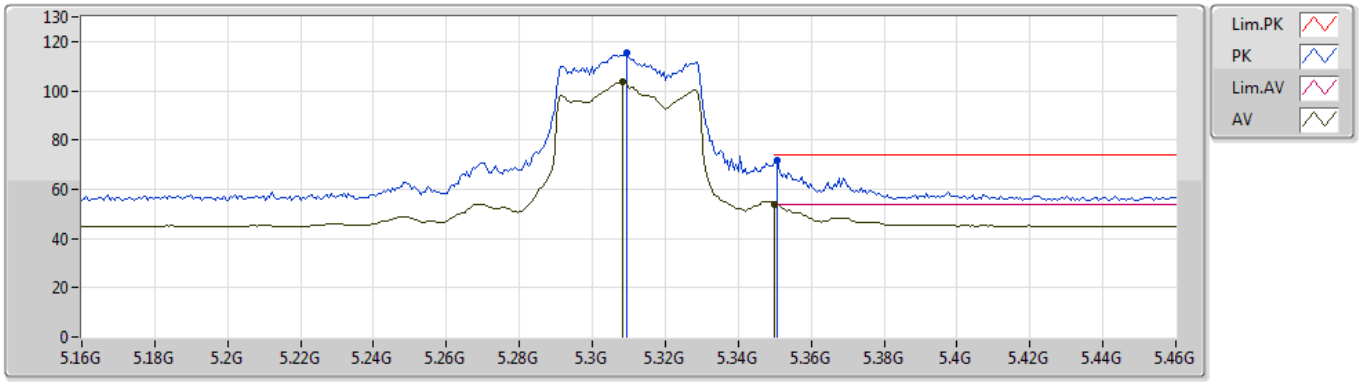
EUT Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3052G	119.43	Inf	-Inf	8.22	3	Vertical	227	1.50	-
AV	5.3052G	105.73	Inf	-Inf	8.22	3	Vertical	227	1.50	-
PK	5.3664G	65.71	74.00	-8.29	8.29	3	Vertical	227	1.50	-
AV	5.35G	50.98	54.00	-3.02	8.28	3	Vertical	227	1.50	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TX

03/06/2019



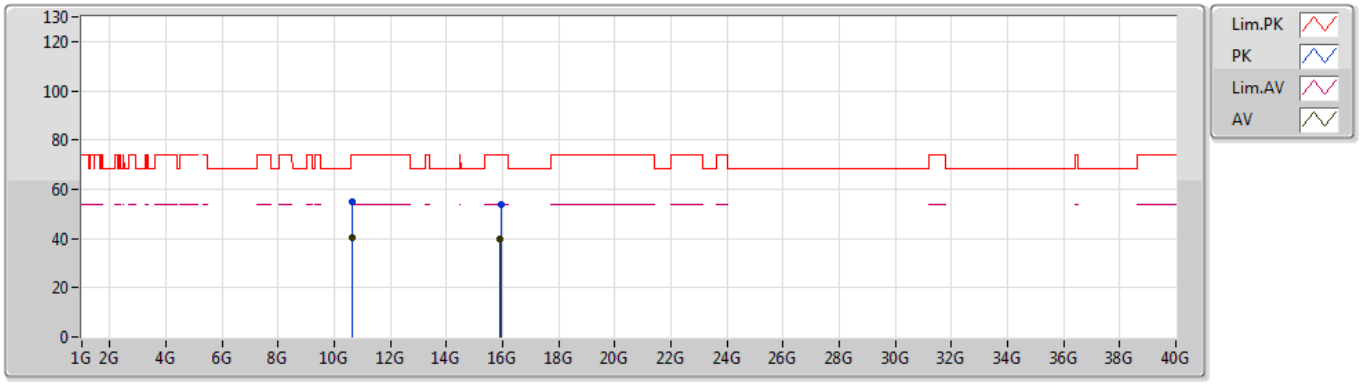
EUT Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3094G	115.56	Inf	-Inf	8.22	3	Horizontal	253	1.35	-
AV	5.3082G	103.63	Inf	-Inf	8.22	3	Horizontal	253	1.35	-
PK	5.3508G	71.45	74.00	-2.55	8.28	3	Horizontal	253	1.35	-
AV	5.35G	53.88	54.00	-0.12	8.28	3	Horizontal	253	1.35	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TX

03/06/2019



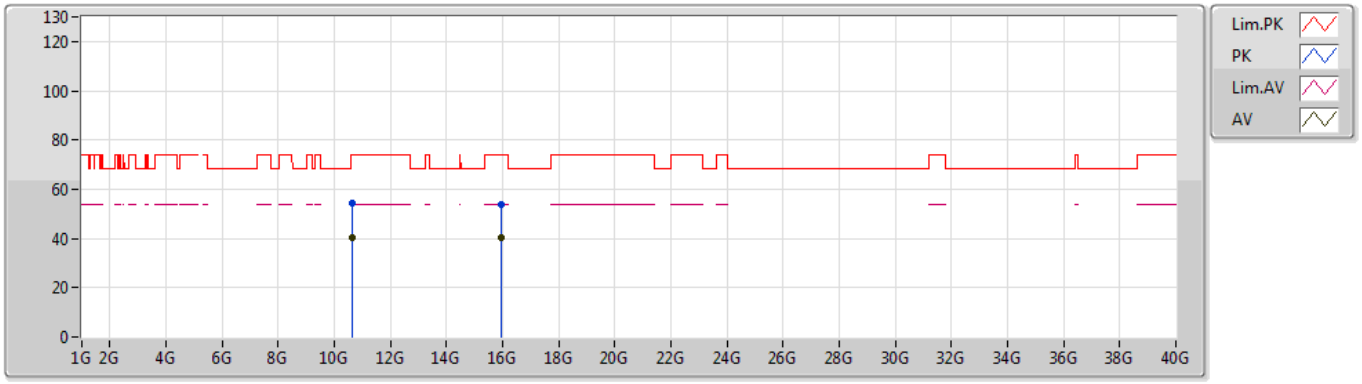
EUT Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.62048G	54.79	74.00	-19.21	14.51	3	Vertical	256	1.60	-
AV	10.6196G	40.50	54.00	-13.50	14.51	3	Vertical	256	1.60	-
PK	15.93896G	53.96	74.00	-20.04	15.02	3	Vertical	287	1.63	-
AV	15.92256G	40.02	54.00	-13.98	15.05	3	Vertical	287	1.63	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TX

03/06/2019



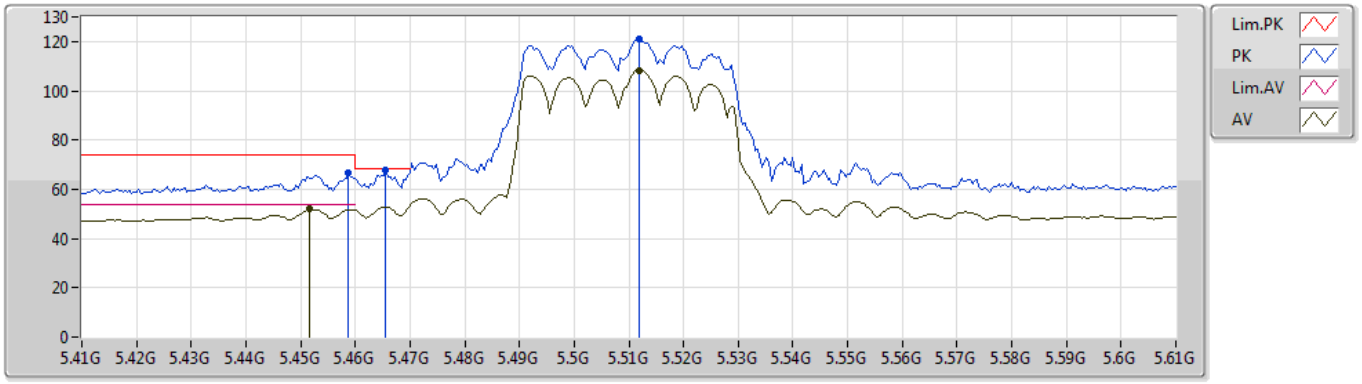
EUT Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.61808G	54.23	74.00	-19.77	14.50	3	Horizontal	115	1.96	-
AV	10.61968G	40.27	54.00	-13.73	14.51	3	Horizontal	115	1.96	-
PK	15.939G	53.77	74.00	-20.23	15.02	3	Horizontal	136	1.53	-
AV	15.93708G	40.07	54.00	-13.93	15.02	3	Horizontal	136	1.53	-

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2019

5510MHz_TX



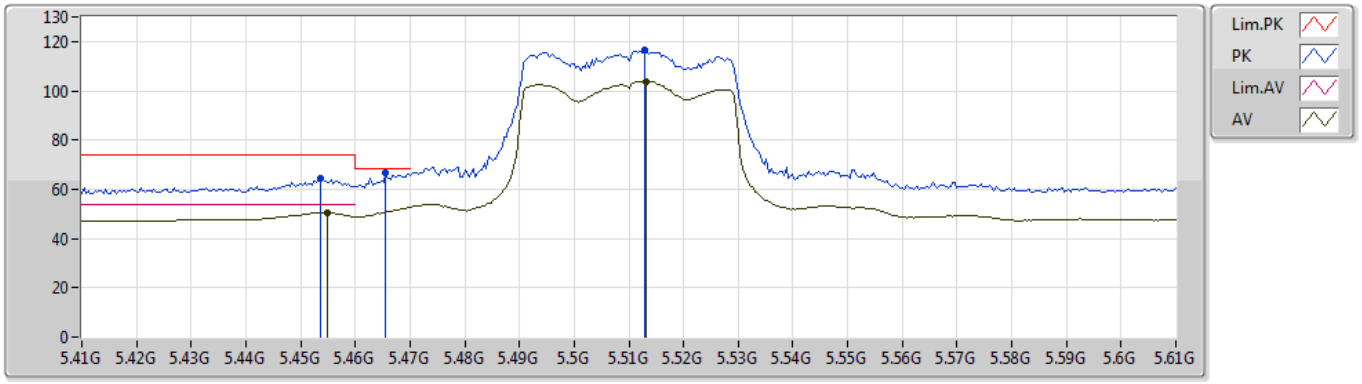
EUT Z_4TX
Setting 20
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4588G	66.71	74.00	-7.29	8.45	3	Vertical	353	2.42	-
AV	5.4516G	51.87	54.00	-2.13	8.44	3	Vertical	353	2.42	-
PK	5.4656G	68.02	68.20	-0.18	8.46	3	Vertical	353	2.42	-
PK	5.512G	120.85	Inf	-Inf	8.53	3	Vertical	353	2.42	-
AV	5.512G	108.19	Inf	-Inf	8.53	3	Vertical	353	2.42	-

802.11ax HEW40_Nss1,(MCS0)_4TX

12/06/2019

5510MHz_TX



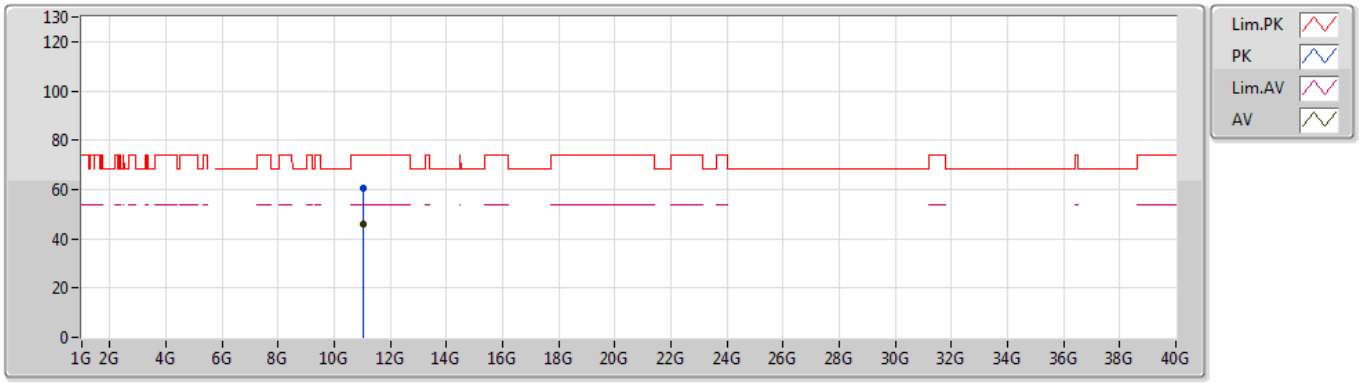
EUT Z_4TX
Setting 20
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4536G	64.32	74.00	-9.68	8.44	3	Horizontal	358	2.08	-
AV	5.4548G	50.68	54.00	-3.32	8.44	3	Horizontal	358	2.08	-
PK	5.4656G	66.85	68.20	-1.35	8.46	3	Horizontal	358	2.08	-
PK	5.5128G	116.42	Inf	-Inf	8.53	3	Horizontal	358	2.08	-
AV	5.5132G	103.79	Inf	-Inf	8.53	3	Horizontal	358	2.08	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TX

12/06/2019



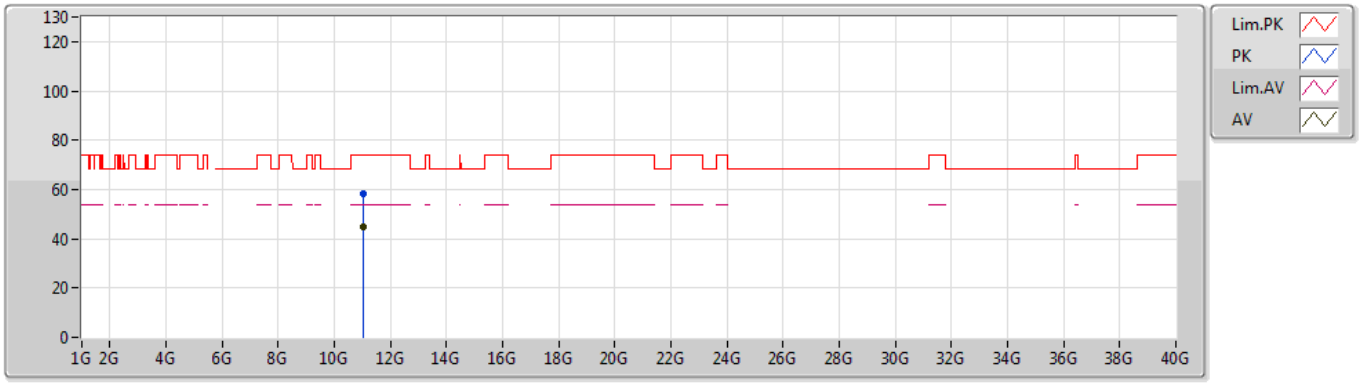
EUT Z_4TX
Setting 20
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02486G	60.51	74.00	-13.49	14.29	3	Vertical	227	1.45	-
AV	11.02444G	45.82	54.00	-8.18	14.29	3	Vertical	227	1.45	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5510MHz_TX

12/06/2019



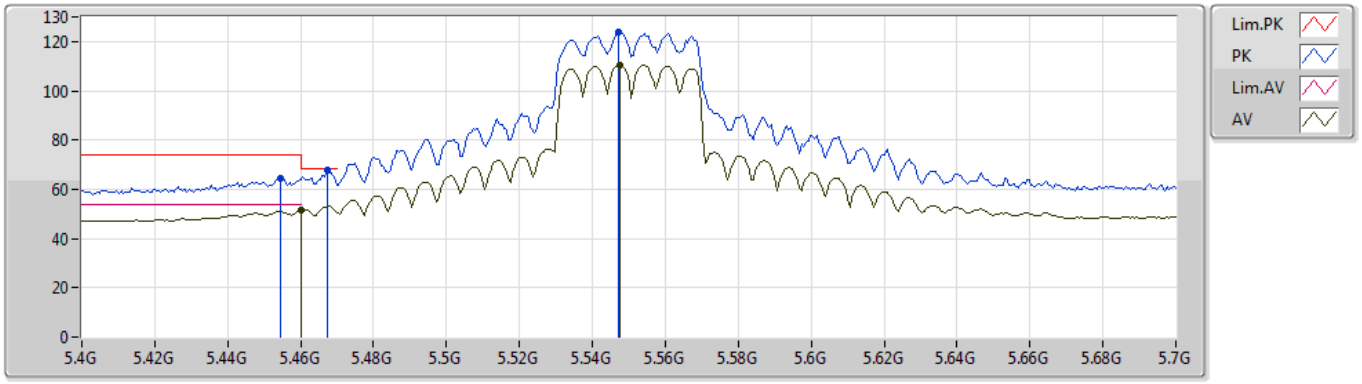
EUT Z_4TX
Setting 20
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02486G	58.27	74.00	-15.73	14.29	3	Horizontal	158	1.71	-
AV	11.02546G	44.67	54.00	-9.33	14.29	3	Horizontal	158	1.71	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TX

12/06/2019



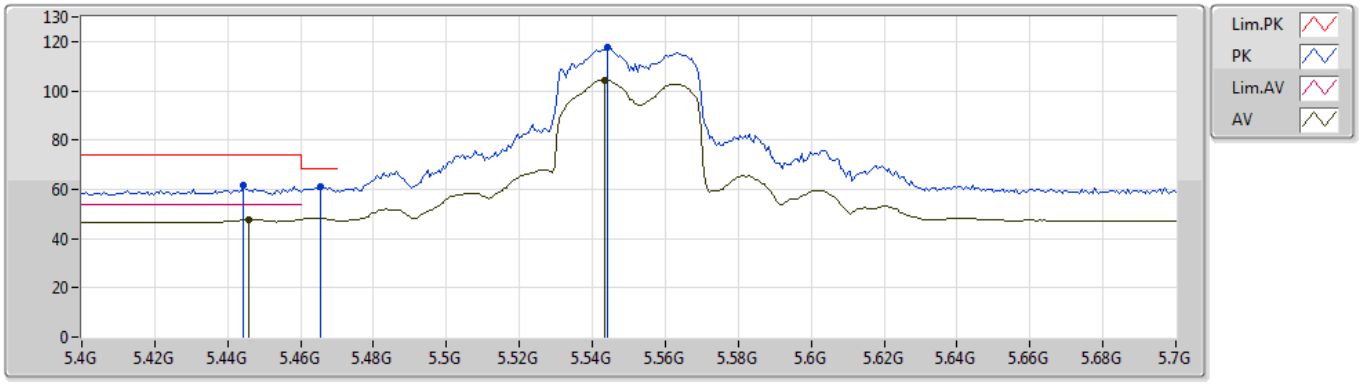
EUT Z_4TX
Setting 24
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4546G	64.30	74.00	-9.70	8.44	3	Vertical	359	1.54	-
AV	5.46G	51.39	54.00	-2.61	8.45	3	Vertical	359	1.54	-
PK	5.4672G	67.89	68.20	-0.31	8.46	3	Vertical	359	1.54	-
PK	5.547G	123.60	Inf	-Inf	8.55	3	Vertical	359	1.54	-
AV	5.5476G	110.49	Inf	-Inf	8.55	3	Vertical	359	1.54	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TX

12/06/2019



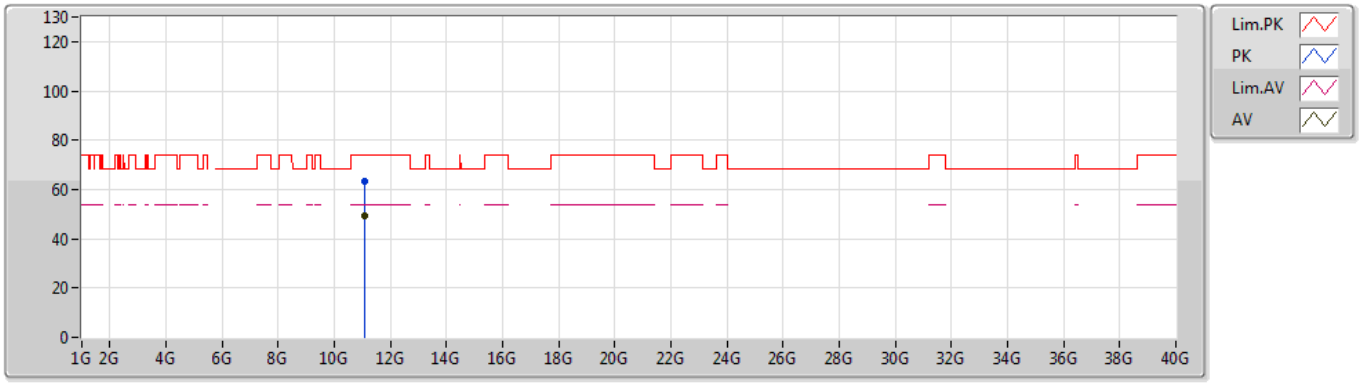
EUT Z_4TX
Setting 24
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4444G	61.43	74.00	-12.57	8.42	3	Horizontal	143	1.68	-
AV	5.4456G	47.70	54.00	-6.30	8.42	3	Horizontal	143	1.68	-
PK	5.4654G	60.84	68.20	-7.36	8.46	3	Horizontal	143	1.68	-
PK	5.544G	117.88	Inf	-Inf	8.55	3	Horizontal	143	1.68	-
AV	5.5434G	104.41	Inf	-Inf	8.55	3	Horizontal	143	1.68	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TX

12/06/2019



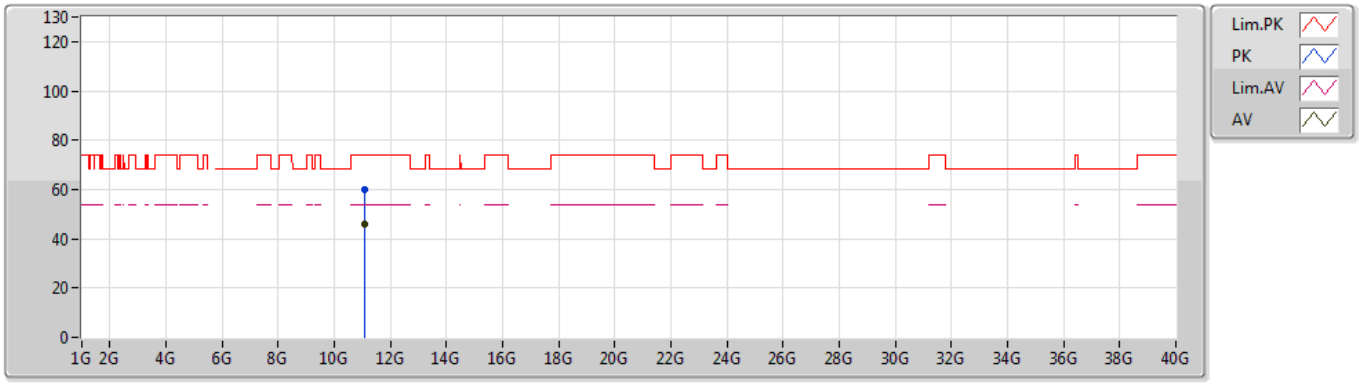
EUT Z_4TX
Setting 24
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1052G	63.19	74.00	-10.81	14.40	3	Vertical	221	1.48	-
AV	11.10504G	49.34	54.00	-4.66	14.40	3	Vertical	221	1.48	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5550MHz_TX

12/06/2019



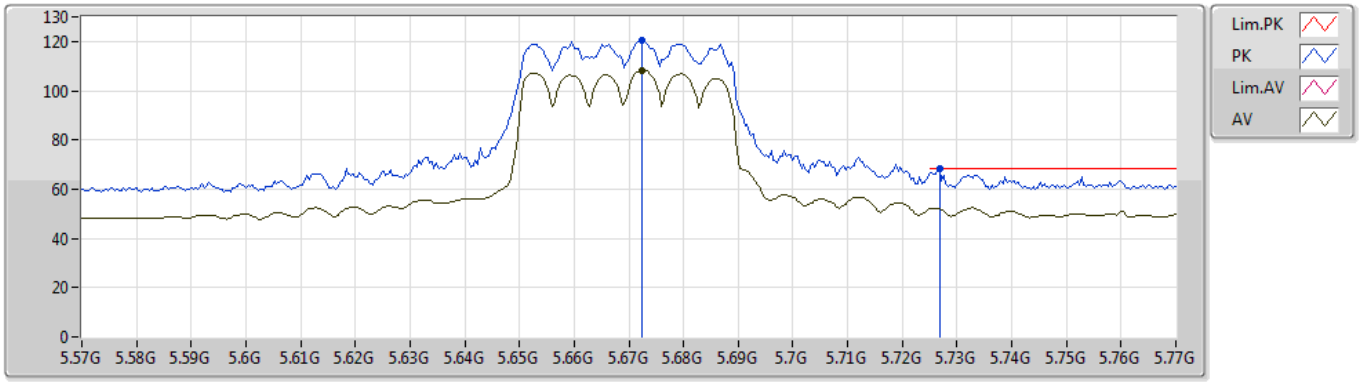
EUT Z_4TX
Setting 24
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10512G	59.88	74.00	-14.12	14.40	3	Horizontal	233	1.09	-
AV	11.10592G	45.93	54.00	-8.07	14.40	3	Horizontal	233	1.09	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TX

12/06/2019



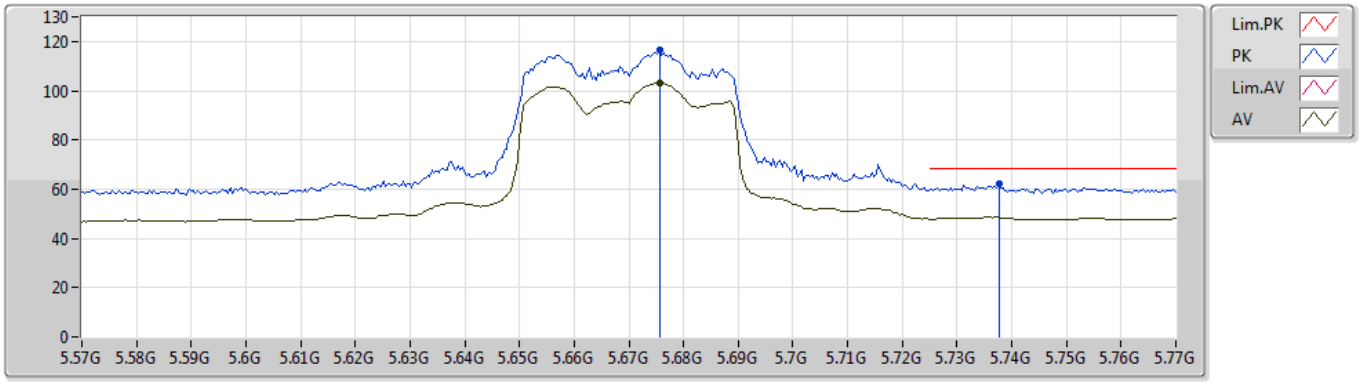
EUT Z_4TX
Setting 21
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6724G	120.58	Inf	-Inf	8.70	3	Vertical	3	1.77	-
AV	5.6724G	108.24	Inf	-Inf	8.70	3	Vertical	3	1.77	-
PK	5.7268G	68.10	68.20	-0.10	8.79	3	Vertical	3	1.77	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TX

12/06/2019



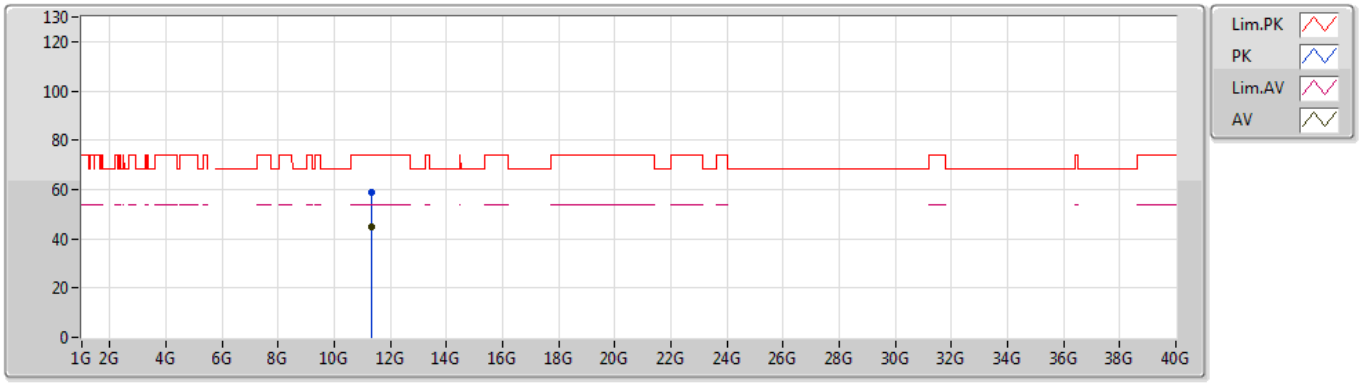
EUT Z_4TX
Setting 21
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6756G	116.45	Inf	-Inf	8.72	3	Horizontal	140	2.98	-
AV	5.6756G	103.19	Inf	-Inf	8.72	3	Horizontal	140	2.98	-
PK	5.7376G	62.05	68.20	-6.15	8.80	3	Horizontal	140	2.98	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TX

12/06/2019



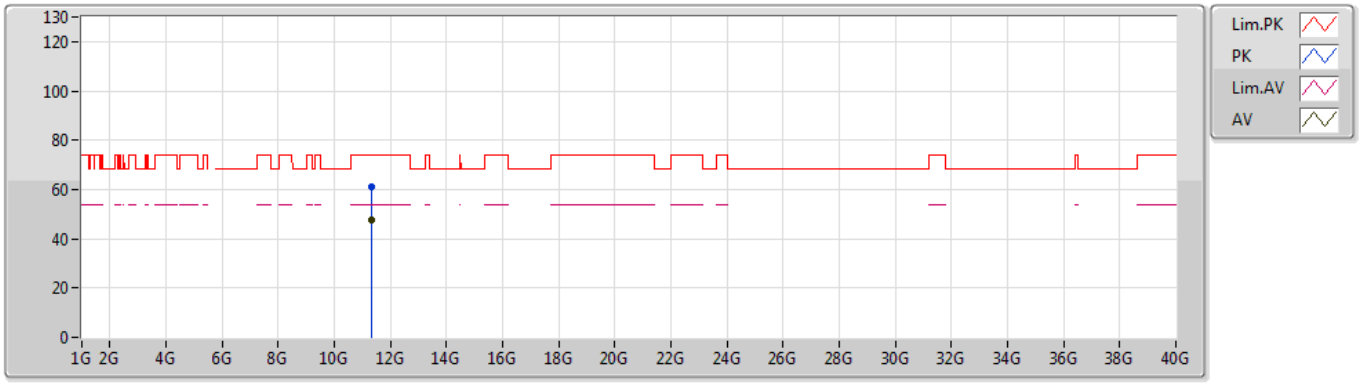
EUT Z_4TX
Setting 21
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3452G	58.65	74.00	-15.35	14.71	3	Vertical	214	1.24	-
AV	11.3452G	44.86	54.00	-9.14	14.71	3	Vertical	214	1.24	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5670MHz_TX

12/06/2019



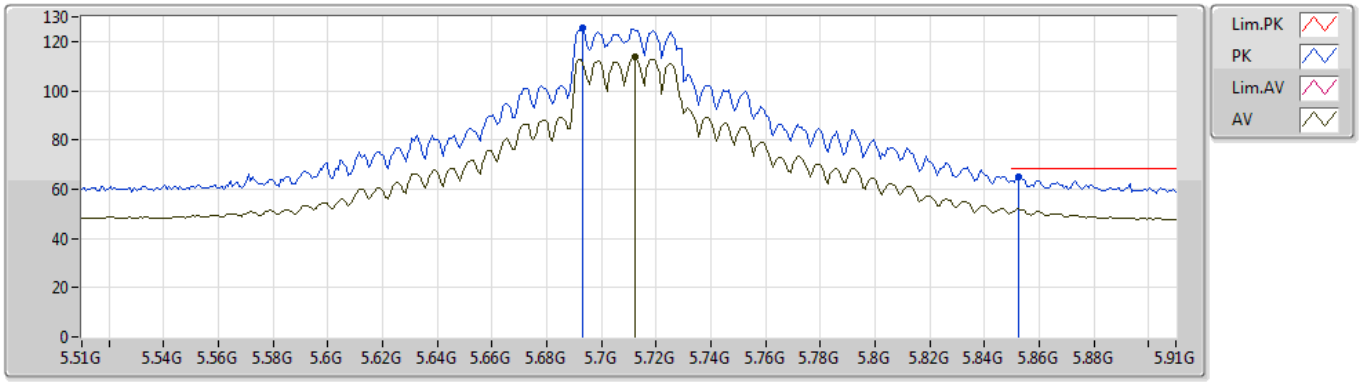
EUT Z_4TX
Setting 21
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33352G	61.26	74.00	-12.74	14.70	3	Horizontal	122	1.21	-
AV	11.33376G	47.59	54.00	-6.41	14.70	3	Horizontal	122	1.21	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/06/2019



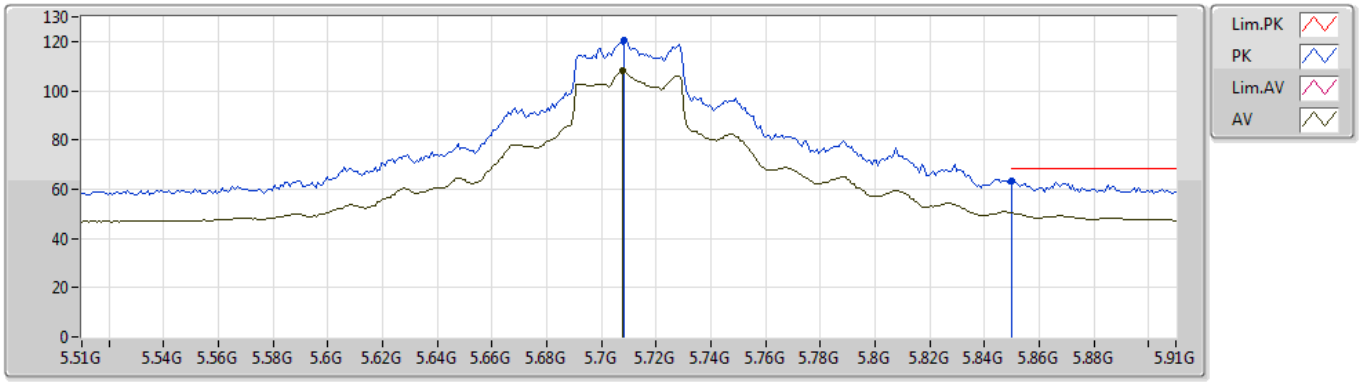
EUT Z_4TX
Setting 26.5
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6932G	125.30	Inf	-Inf	8.74	3	Vertical	7	1.82	-
AV	5.7124G	114.00	Inf	-Inf	8.78	3	Vertical	7	1.82	-
PK	5.8524G	65.17	68.20	-3.03	8.90	3	Vertical	7	1.82	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/06/2019



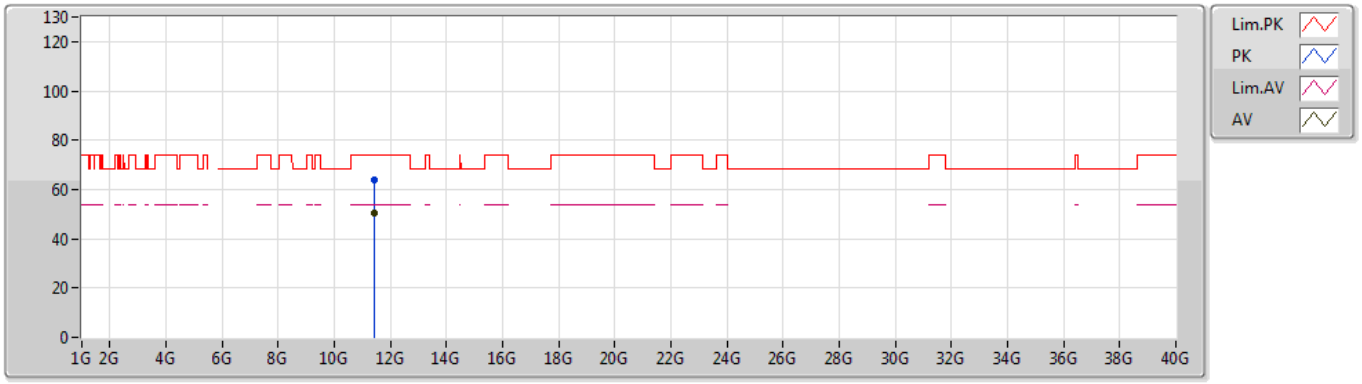
EUT Z_4TX
Setting 26.5
02-B-4-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7084G	120.43	Inf	-Inf	8.77	3	Horizontal	161	1.71	-
AV	5.7076G	107.90	Inf	-Inf	8.76	3	Horizontal	161	1.71	-
PK	5.85G	63.07	68.20	-5.13	8.90	3	Horizontal	161	1.71	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/06/2019



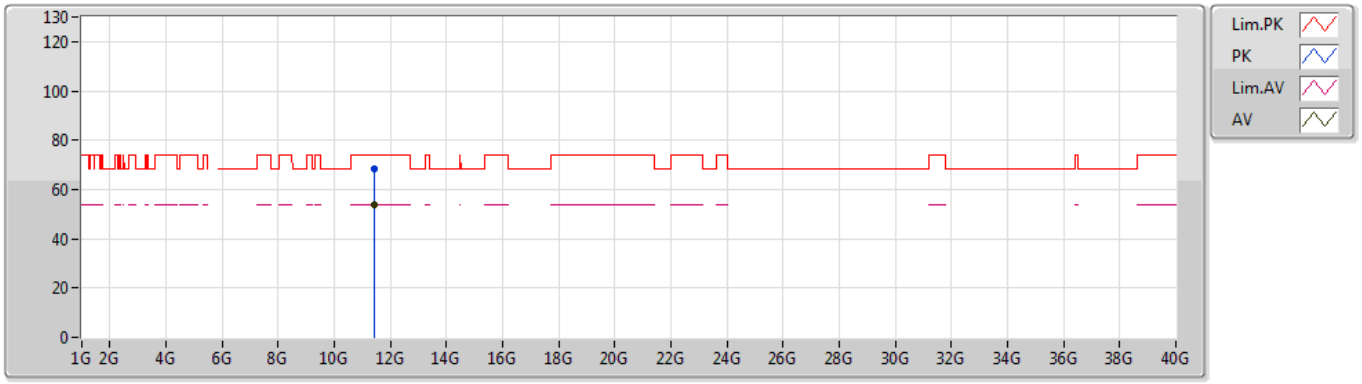
EUT Z_4TX
Setting 26.5
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.41232G	64.00	74.00	-10.00	14.79	3	Vertical	207	1.10	-
AV	11.41216G	50.21	54.00	-3.79	14.79	3	Vertical	207	1.10	-

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/06/2019



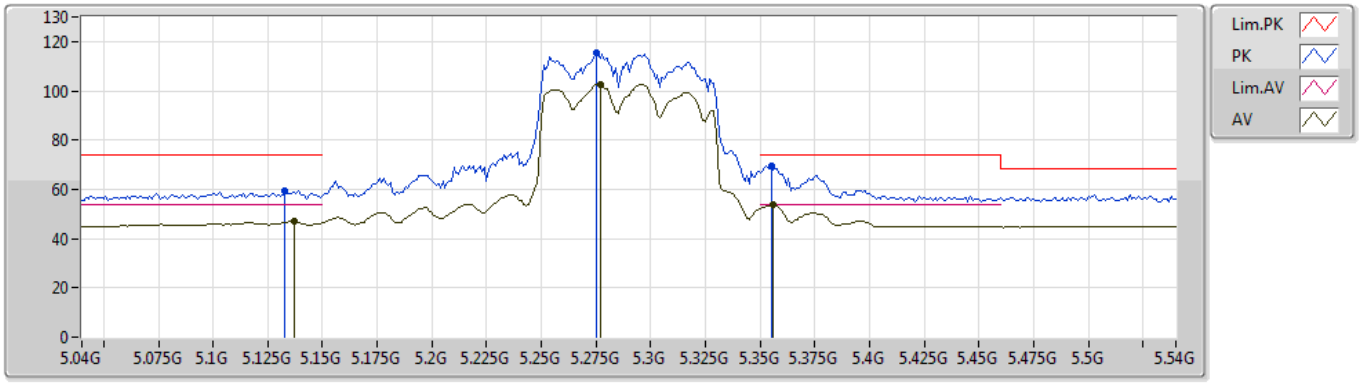
EUT Z_4TX
Setting 26.5
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.41304G	68.53	74.00	-5.47	14.79	3	Horizontal	118	1.12	-
AV	11.41328G	53.89	54.00	-0.11	14.79	3	Horizontal	118	1.12	-

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX

03/06/2019



EUT Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.133G	59.52	74.00	-14.48	7.92	3	Vertical	238	1.50	-
AV	5.137G	46.91	54.00	-7.09	7.92	3	Vertical	238	1.50	-
PK	5.275G	115.50	Inf	-Inf	8.17	3	Vertical	238	1.50	-
AV	5.277G	102.79	Inf	-Inf	8.17	3	Vertical	238	1.50	-
PK	5.355G	69.63	74.00	-4.37	8.28	3	Vertical	238	1.50	-
AV	5.356G	53.73	54.00	-0.27	8.28	3	Vertical	238	1.50	-