FCC Test Report

FCC ID	:	**TOR-C250**
Equipment	:	**802.11 a/n/ac/ax + b/g/n/ax Access Point**
Brand Name	:	**Arista**
Model Name	:	**C-250**
Applicant	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054**
Manufacturer	:	**Arista Networks, Inc. 5453 Great America Parkway, Santa Clara, CA 95054**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jun. 14, 2019, and testing was started from Jun. 14, 2019 and completed on Aug. 13, 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.

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR950730-01AN	01	Initial issue of report	Sep. 02, 2019

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
For 802.11n and 802.11ac, CDD mode and Beamforming mode are presented in power output test item. For other test items, CDD mode is the worst case for final tests after pretesting.

Reviewed by: Jackson Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20),ax(HEW 20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40), ac (VHT40),ax(HEW 40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5250-5350	ac (VHT80), ax(HEW 80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]

Radio 0_4TX

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

Radio 0_8TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	8TX
5.47-5.725GHz	802.11a	20	8TX
5.25-5.35GHz	802.11ac VHT20	20	8TX
5.47-5.725GHz	802.11ac VHT20	20	8TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT40	40	8TX
5.47-5.725GHz	802.11ac VHT40	40	8TX
5.25-5.35GHz	802.11ac VHT80	80	8TX
5.47-5.725GHz	802.11ac VHT80	80	8TX
5.15-5.25GHz	802.11ac VHT80+80	80	4TX(Port 1/2/3/4)
5.25-5.35GHz	802.11ac VHT80+80	80	4TX(Port 5/6/7/8)
5.47-5.725GHz	802.11ac VHT80+80	160	8TX
5.25-5.35GHz	802.11ax HEW20	20	8TX
5.47-5.725GHz	802.11ax HEW20	20	8TX
5.25-5.35GHz	802.11ax HEW40	40	8TX
5.47-5.725GHz	802.11ax HEW40	40	8TX
5.25-5.35GHz	802.11ax HEW80	80	8TX
5.47-5.725GHz	802.11ax HEW80	80	8TX
5.15-5.25GHz	802.11ax HEW80+80	80	4TX(Port 1/2/3/4)
5.25-5.35GHz	802.11ax HEW80+80	80	4TX(Port 5/6/7/8)
5.47-5.725GHz	802.11ax HEW80+80	160	8TX

Radio 2_2TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX

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.
- The resource unit of HEW 20, HEW 40, HEW 80 only support full loading.

1.1.2 Table for 80+80 MHz Mode

Type	Channel No.	Frequency
13	42+58	5210+5290 MHz
14	106+122	5530+5610 MHz

1.1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	Arista	C-250	PIFA antenna	I-PEX	5G
2	Arista	C-250	PIFA antenna	I-PEX	5G
3	Arista	C-250	PIFA antenna	I-PEX	5G
4	Arista	C-250	PIFA antenna	I-PEX	5G
5	Arista	C-250	PIFA antenna	I-PEX	5G
6	Arista	C-250	PIFA antenna	I-PEX	5G
7	Arista	C-250	PIFA antenna	I-PEX	5G
8	Arista	C-250	PIFA antenna	I-PEX	5G
9	Arista	C-250	PIFA antenna	I-PEX	2.4G
10	Arista	C-250	PIFA antenna	I-PEX	2.4G
11	Arista	C-250	PIFA antenna	I-PEX	2.4G
12	Arista	C-250	PIFA antenna	I-PEX	2.4G
13	Arista	C-250	PIFA antenna	I-PEX	2.4G+5G
14	Arista	C-250	PIFA antenna	I-PEX	2.4G+5G
15	Arista	C-250	PIFA antenna	I-PEX	BT

Ant.	Gain (dBi)				
	Radio 0	Radio 1	Radio 2		Radio 3
	5G	2.4G	2.4G	5G	BT LE
1	5	-	-	-	
2	5	-	-	-	-
3	5	-	-	-	-
4	5	-	-	-	-
5	5	-	-	-	-
6	5	-	-	-	-
7	5	-	-	-	-
8	5	-	-	-	-
9	-	4	-	-	-
10	-	4	-	-	-
11	-	4	-	-	-
12	-	4	-	-	-
13	-	-	3.5	5	-
14	-	-	3.5	5	-
15	-	-	-	-	3.5

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac/ax mode (4TX/4RX)(Radio1)

Ant. 9~ 12 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n mode (2TX/2RX)(Radio2)

Ant. 13 and Ant. 14 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)(Radio 3)

Ant. 15 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (8TX/8RX)(Radio 0)

Ant. 1~8 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)(Radio 0)

Ant. 1~4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac mode (2TX/2RX)(Radio 2)

Ant. 13 and Ant. 14 could transmit/receive simultaneously.

1.1.4 EUT Information

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

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

1.1.5 Mode Test Duty Cycle

Radio 0_4TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.943	0.25	1.978m	1k
802.11ac VHT20	0.953	0.21	5.43m	300
802.11ac VHT40	0.949	0.23	5.43m	300
802.11ac VHT80	0.947	0.24	5.43m	300
802.11ax HEW20	0.952	0.21	5.446m	300
802.11ax HEW40	0.955	0.2	5.446m	300
802.11ax HEW80	0.953	0.21	5.439m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 0_8TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.943	0.25	1.978m	1k
802.11ac VHT20	0.953	0.21	5.43m	300
802.11ac VHT40	0.949	0.23	5.43m	300
802.11ac VHT80	0.947	0.24	5.43m	300
802.11ac VHT80+80	0.954	0.2	5.429m	300

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.952	0.21	5.446m	300
802.11ax HEW40	0.955	0.2	5.446m	300
802.11ax HEW80	0.953	0.21	5.439m	300
802.11ax HEW80+80	0.958	0.19	5.445m	300

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Radio 2_2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.968	0.14	2.067m	1k
802.11ac VHT20	0.965	0.15	1.936m	1k
802.11ac VHT40	0.932	0.31	954.688u	3k
802.11ac VHT80	0.876	0.57	467.188u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR950730

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

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C was added.	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density, Frequency Stability, Radiated Emissions was evaluated.

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Tim	21~24°C / 61~63%	14/Jun/2019~ 13/Aug/2019
Radiated	03CH02-HY	Andy	21.6~24.2°C / 52.6~55.3%	15/Jun/2019~ 12/Aug/2019

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	QRCT

Radio 0_4TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	10.5
5300MHz	10.5
5320MHz	11.5
5500MHz	10.5
5580MHz	11
5700MHz	10.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	10.5
5300MHz	11
5320MHz	11.5
5500MHz	11
5580MHz	11
5700MHz	11
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	13.5
5310MHz	13.5
5510MHz	13.5
5550MHz	13.5
5670MHz	13.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	14
5530MHz	14.5

Mode	Power Setting
5610MHz	15
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	10.5
5300MHz	11
5320MHz	11.5
5500MHz	11
5580MHz	11
5700MHz	11
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	13.5
5310MHz	13.5
5510MHz	13.5
5550MHz	14
5670MHz	13.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	14
5530MHz	14.5
5610MHz	15

Radio 0_8TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_8TX	-
5260MHz	4.5
5300MHz	5.5
5320MHz	5.5
5500MHz	5.5
5580MHz	5.5
5700MHz	5.5
802.11ac VHT20_Nss1,(MCS0)_8TX	-
5260MHz	5.5
5300MHz	6
5320MHz	7
5500MHz	6
5580MHz	6
5700MHz	6

Mode	Power Setting
802.11ac VHT40_Nss1,(MCS0)_8TX	-
5270MHz	8
5310MHz	8.5
5510MHz	8
5550MHz	8.5
5670MHz	8
802.11ac VHT80_Nss1,(MCS0)_8TX	-
5290MHz	11
5530MHz	11
5610MHz	11
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-
#5210MHz,5290MHz	13.5
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-
5210MHz,#5290MHz	13.5
802.11ac VHT80+80_Nss1,(MCS0)_8TX	-
#5530MHz,#5610MHz	13
802.11ax HEW20_Nss1,(MCS0)_8TX	-
5260MHz	5.5
5300MHz	6
5320MHz	7
5500MHz	6
5580MHz	6.5
5700MHz	6.5
802.11ax HEW40_Nss1,(MCS0)_8TX	-
5270MHz	9
5310MHz	9.5
5510MHz	9
5550MHz	9
5670MHz	9.5
802.11ax HEW80_Nss1,(MCS0)_8TX	-
5290MHz	11.5
5530MHz	11.5

Mode	Power Setting
5610MHz	11
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	13.5
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-
5210MHz,#5290MHz	13.5
802.11ax HEW80+80_Nss1,(MCS0)_8TX	-
#5530MHz,#5610MHz	13

Radio 2_2TX

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	17
5500MHz	18
5580MHz	17.5
5700MHz	18
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16.5
5320MHz	17
5500MHz	18
5580MHz	18
5700MHz	16.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	13
5510MHz	14
5550MHz	20
5670MHz	19
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	7.5
5530MHz	12
5610MHz	18

2.3 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode; 5G_Radio 0, 4TX		
2	Adapter mode; 5G_Radio 0, 8TX		
2	Adapter mode; 5G_Radio 2, 2TX		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+ WLAN 2.4GHz(Radio 1)+ WLAN 2.4G(Radio 2)+ WLAN 5G(Radio 0)
2	Bluetooth+ WLAN 2.4GHz(Radio 1)+ WLAN 5G(Radio 2)+ WLAN 5G(Radio 0)
Refer to Sporton Test Report No.: FA950730-01 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

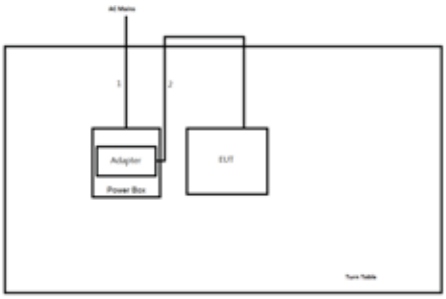
Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC
2	Fixture	Abocom	AM7221T-X10	N/A

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Load	N/A	N/A	N/A
2	AC adapter	Powertron Electronics Cc	PA1045-120HUB	N/A

Support equipment No.2 was provided by customer.

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	DC Power line	No	1.7	-

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, N/A
☒ For the 5.47-5.725 GHz band, N/A
☐ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

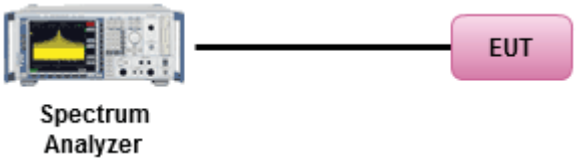
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

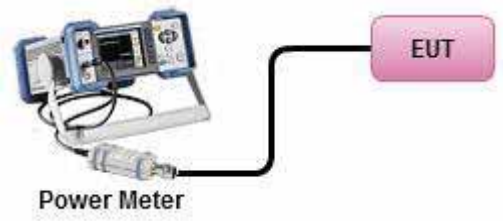
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

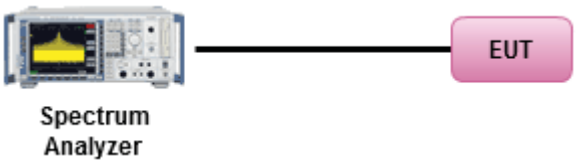
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.4.2 Measuring Instruments

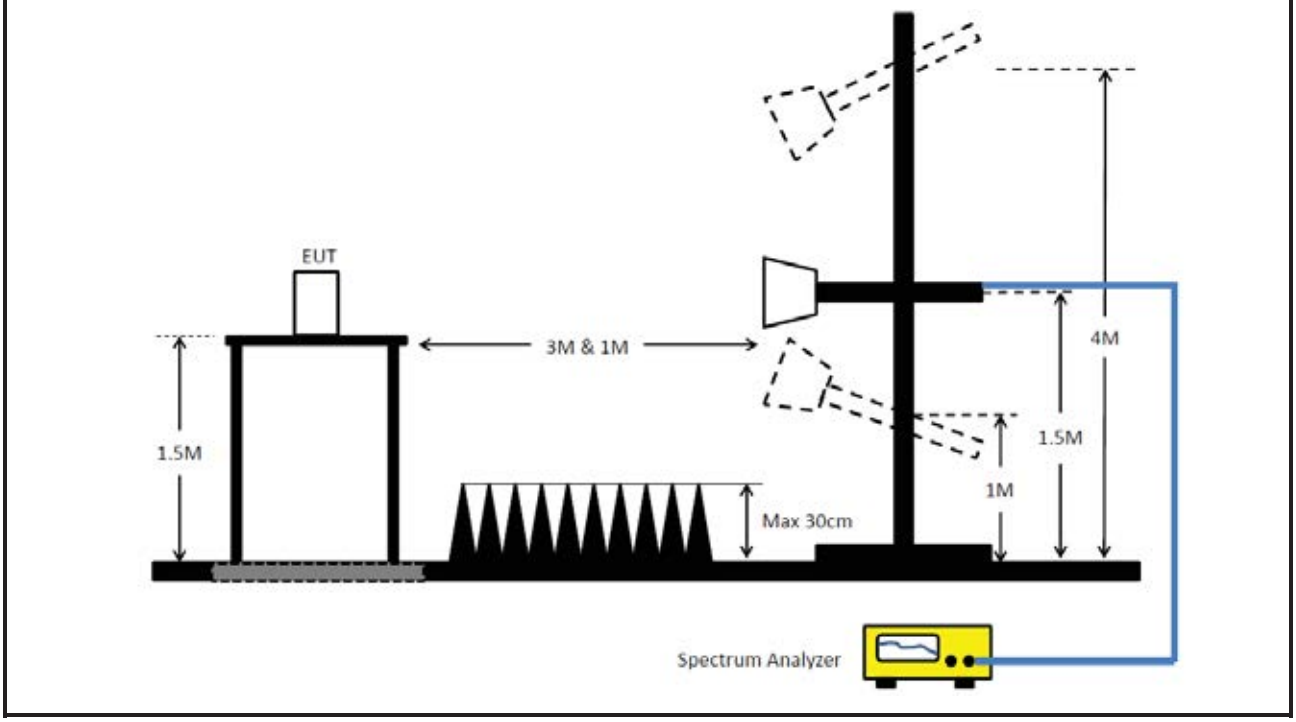
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27/Jul/2018	02/Jul/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	02/Jul/2019	01/Jul/2020
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	30/Nov/2018	29/Nov/2019
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	27/Dec/2018	26/Dec/2019
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 01543	1GHz ~ 18GHz	03/Jun/2019	02/Jun/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	13/Mar/2019	12/Mar/2020
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz ~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

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	19.47M	16.432M	16M4D1D	19.02M	16.372M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.97M	17.601M	17M6D1D	20.55M	17.571M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.8M	36.162M	36M2D1D	39.96M	36.042M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.32M	75.562M	75M6D1D	81.6M	75.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.45M	18.951M	19M0D1D	21.03M	18.861M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.52M	37.781M	37M8D1D	40.32M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.121M	77M1D1D	81.96M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.38M	16.432M	16M4D1D	18.96M	16.372M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.79M	17.631M	17M6D1D	20.4M	17.541M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.56M	36.162M	36M2D1D	39.78M	36.042M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.28M	75.682M	75M7D1D	81.36M	75.322M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.69M	18.951M	19M0D1D	21.12M	18.861M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.34M	37.781M	37M8D1D	40.68M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.241M	77M2D1D	81.72M	77.001M

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

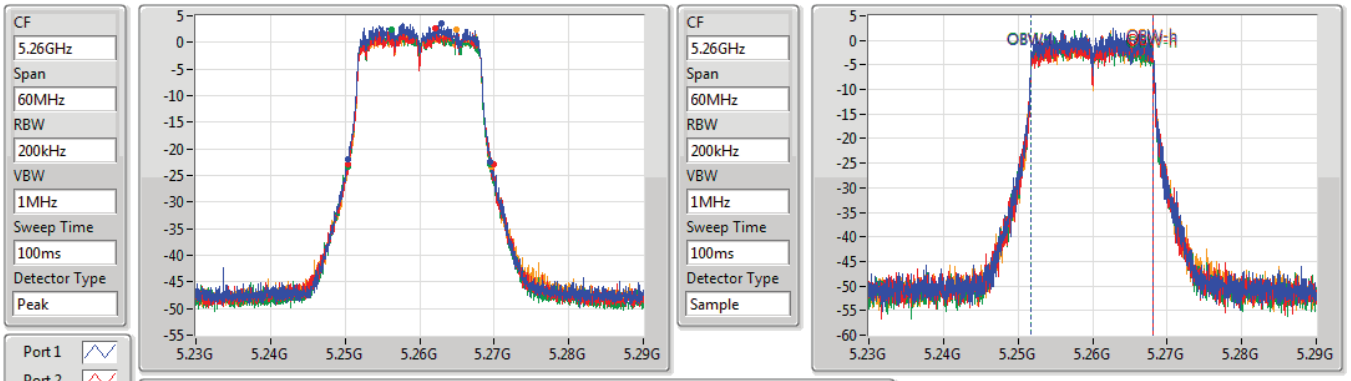
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.11M	16.402M	19.41M	16.402M	19.08M	16.402M	19.11M	16.372M
5300MHz	Pass	Inf	19.11M	16.402M	19.44M	16.402M	19.2M	16.372M	19.02M	16.372M
5320MHz	Pass	Inf	19.2M	16.372M	19.47M	16.402M	19.32M	16.432M	19.23M	16.402M
5500MHz	Pass	Inf	18.96M	16.432M	19.38M	16.402M	19.05M	16.372M	19.29M	16.402M
5580MHz	Pass	Inf	18.96M	16.402M	19.11M	16.372M	19.2M	16.372M	19.11M	16.402M
5700MHz	Pass	Inf	19.05M	16.372M	19.35M	16.402M	19.29M	16.402M	19.35M	16.402M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.79M	17.571M	20.55M	17.571M	20.64M	17.601M	20.7M	17.601M
5300MHz	Pass	Inf	20.7M	17.601M	20.97M	17.571M	20.58M	17.571M	20.88M	17.601M
5320MHz	Pass	Inf	20.73M	17.571M	20.76M	17.601M	20.55M	17.571M	20.55M	17.571M
5500MHz	Pass	Inf	20.79M	17.601M	20.67M	17.601M	20.76M	17.601M	20.67M	17.601M
5580MHz	Pass	Inf	20.73M	17.631M	20.43M	17.601M	20.4M	17.541M	20.58M	17.601M
5700MHz	Pass	Inf	20.64M	17.601M	20.7M	17.601M	20.64M	17.601M	20.79M	17.571M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.44M	36.042M	40.26M	36.102M	40.32M	36.102M	39.96M	36.042M
5310MHz	Pass	Inf	40.8M	36.102M	40.2M	36.162M	40.38M	36.102M	40.32M	36.102M
5510MHz	Pass	Inf	40.56M	36.042M	40.08M	36.102M	40.32M	36.042M	39.78M	36.102M
5550MHz	Pass	Inf	40.5M	36.162M	40.26M	36.042M	40.32M	36.102M	39.96M	36.162M
5670MHz	Pass	Inf	40.38M	36.042M	40.32M	36.042M	40.14M	36.102M	40.2M	36.042M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	75.562M	81.6M	75.562M	81.96M	75.562M	81.6M	75.442M
5530MHz	Pass	Inf	81.72M	75.562M	81.48M	75.442M	81.84M	75.682M	81.72M	75.322M
5610MHz	Pass	Inf	83.28M	75.562M	81.84M	75.562M	82.68M	75.562M	81.36M	75.322M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.45M	18.951M	21.33M	18.861M	21.24M	18.921M	21.21M	18.921M
5300MHz	Pass	Inf	21.39M	18.921M	21.03M	18.861M	21.18M	18.891M	21.33M	18.921M
5320MHz	Pass	Inf	21.33M	18.921M	21.18M	18.891M	21.18M	18.861M	21.24M	18.951M
5500MHz	Pass	Inf	21.27M	18.891M	21.39M	18.891M	21.33M	18.891M	21.3M	18.951M
5580MHz	Pass	Inf	21.45M	18.891M	21.45M	18.921M	21.42M	18.921M	21.18M	18.861M
5700MHz	Pass	Inf	21.51M	18.891M	21.69M	18.921M	21.12M	18.921M	21.42M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.16M	37.661M	40.32M	37.601M	40.98M	37.601M	40.98M	37.781M
5310MHz	Pass	Inf	41.52M	37.661M	41.04M	37.781M	40.92M	37.781M	41.22M	37.781M
5510MHz	Pass	Inf	41.28M	37.781M	41.28M	37.721M	40.68M	37.601M	40.92M	37.721M
5550MHz	Pass	Inf	41.22M	37.721M	41.16M	37.661M	40.8M	37.781M	41.34M	37.601M
5670MHz	Pass	Inf	41.04M	37.661M	40.92M	37.661M	40.98M	37.721M	41.16M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.92M	77.121M	81.96M	76.882M	82.44M	77.121M	82.32M	77.001M
5530MHz	Pass	Inf	81.72M	77.121M	82.08M	77.121M	82.2M	77.001M	82.68M	77.001M
5610MHz	Pass	Inf	82.92M	77.121M	82.8M	77.121M	82.56M	77.121M	82.8M	77.241M

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

21/06/2019

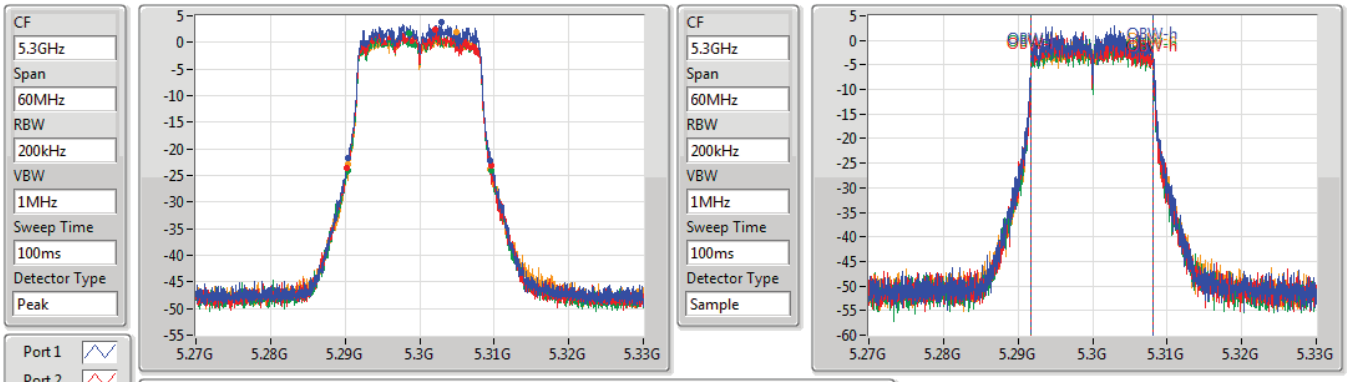


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.11M	5.25037G	5.26948G	16.402M	5.251784G	5.268186G	Inf	1
19.41M	5.25046G	5.26987G	16.402M	5.251784G	5.268186G	Inf	2
19.08M	5.25037G	5.26945G	16.402M	5.251784G	5.268186G	Inf	3
19.11M	5.25043G	5.26954G	16.372M	5.251784G	5.268156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

21/06/2019

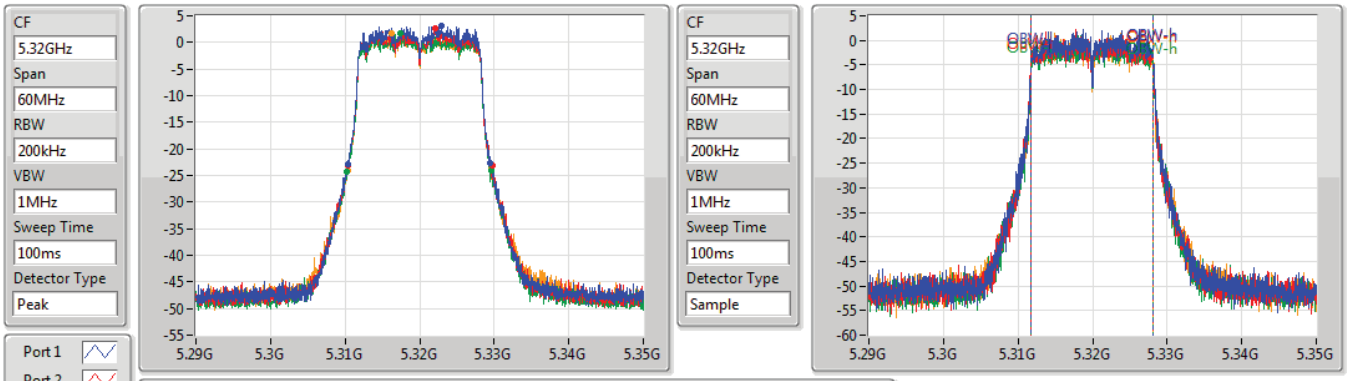


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.11M	5.2904G	5.30951G	16.402M	5.291784G	5.308186G	Inf	1
19.44M	5.29025G	5.30969G	16.402M	5.291754G	5.308156G	Inf	2
19.2M	5.29034G	5.30954G	16.372M	5.291784G	5.308156G	Inf	3
19.02M	5.29046G	5.30948G	16.372M	5.291784G	5.308156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

21/06/2019

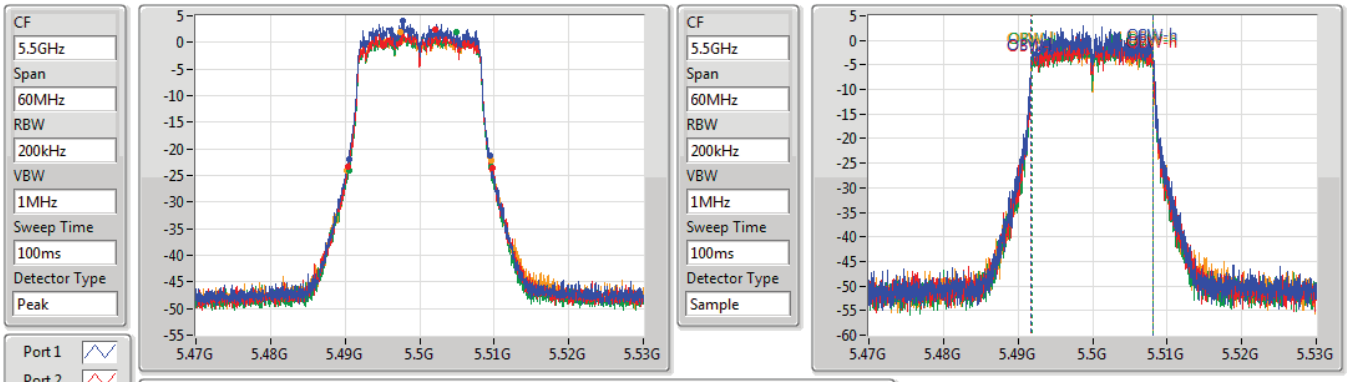


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.31031G	5.32951G	16.372M	5.311784G	5.328156G	Inf	1
19.47M	5.31034G	5.32981G	16.402M	5.311754G	5.328156G	Inf	2
19.32M	5.31025G	5.32957G	16.432M	5.311754G	5.328186G	Inf	3
19.23M	5.31031G	5.32954G	16.402M	5.311784G	5.328186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

21/06/2019

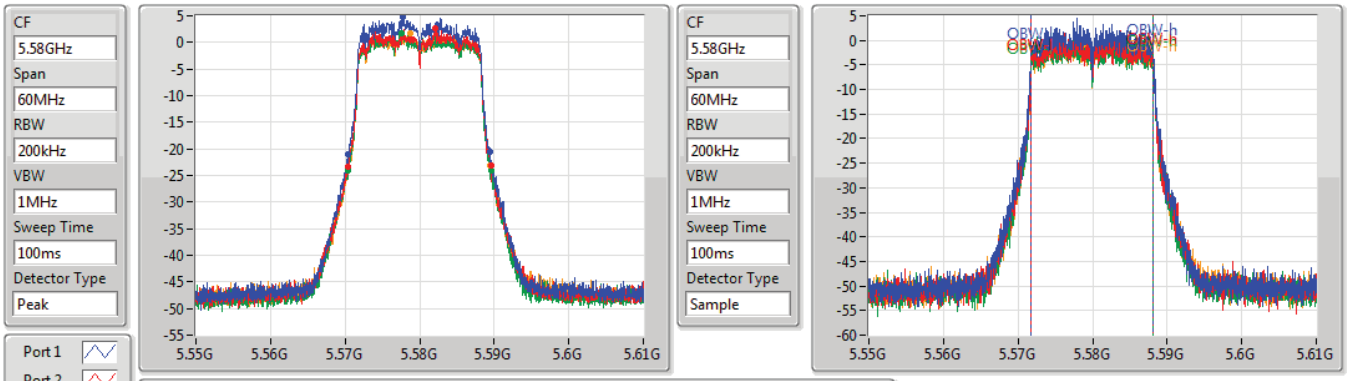


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.49049G	5.50945G	16.432M	5.491754G	5.508186G	Inf	1
19.38M	5.49046G	5.50984G	16.402M	5.491784G	5.508186G	Inf	2
19.05M	5.49049G	5.50954G	16.372M	5.491814G	5.508186G	Inf	3
19.29M	5.49028G	5.50957G	16.402M	5.491784G	5.508186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

21/06/2019

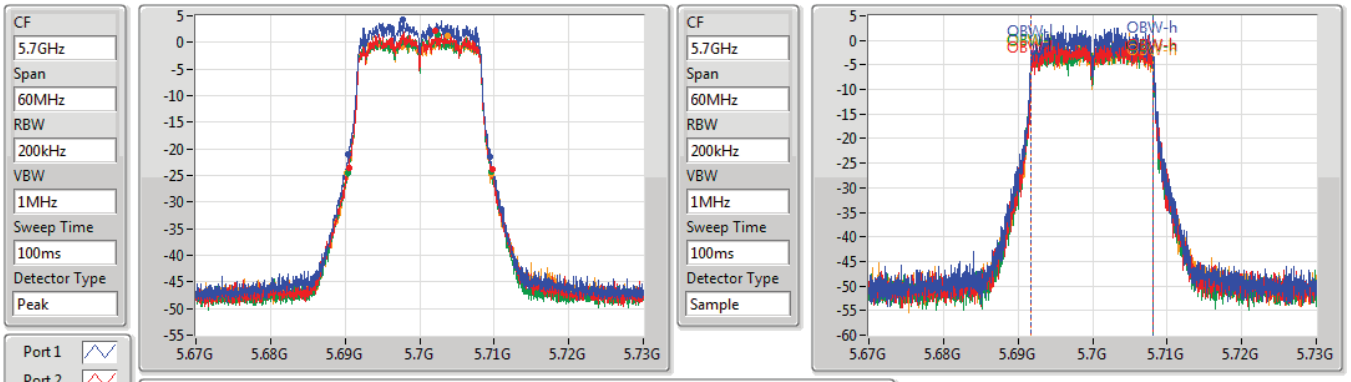


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.57046G	5.58942G	16.402M	5.571754G	5.588156G	Inf	1
19.11M	5.57043G	5.58954G	16.372M	5.571784G	5.588156G	Inf	2
19.2M	5.57034G	5.58954G	16.372M	5.571784G	5.588156G	Inf	3
19.11M	5.5704G	5.58951G	16.402M	5.571784G	5.588186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

21/06/2019

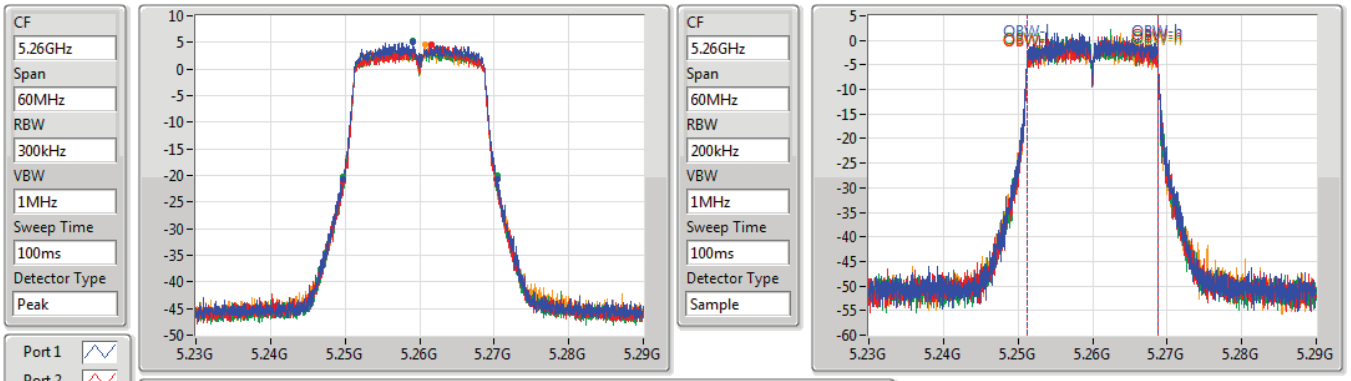


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.69043G	5.70948G	16.372M	5.691784G	5.708156G	Inf	1
19.35M	5.69049G	5.70984G	16.402M	5.691784G	5.708186G	Inf	2
19.29M	5.69034G	5.70963G	16.402M	5.691784G	5.708186G	Inf	3
19.35M	5.69028G	5.70963G	16.402M	5.691784G	5.708186G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

21/06/2019

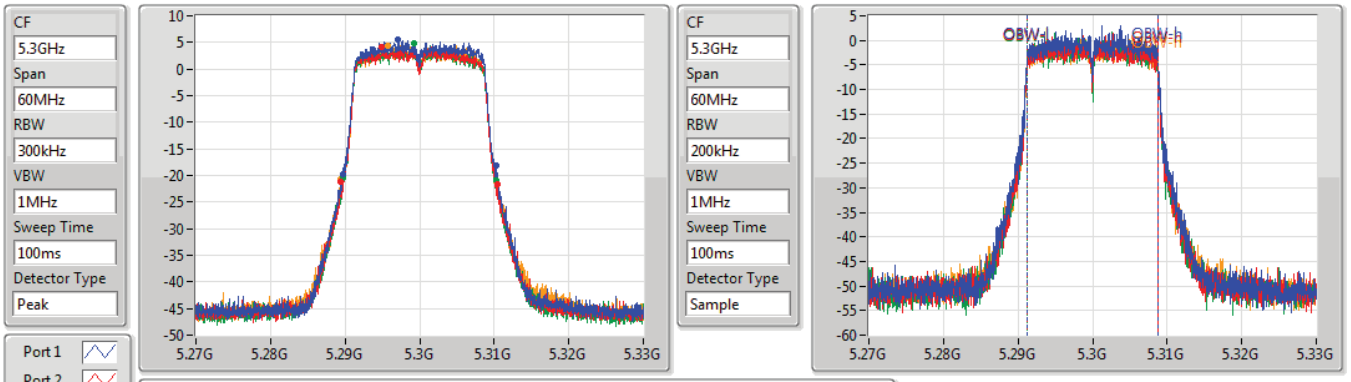


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.24965G	5.27044G	17.571M	5.251184G	5.268756G	Inf	1
20.55M	5.24977G	5.27032G	17.571M	5.251184G	5.268756G	Inf	2
20.64M	5.24974G	5.27038G	17.601M	5.251184G	5.268786G	Inf	3
20.7M	5.24965G	5.27035G	17.601M	5.251184G	5.268786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

21/06/2019

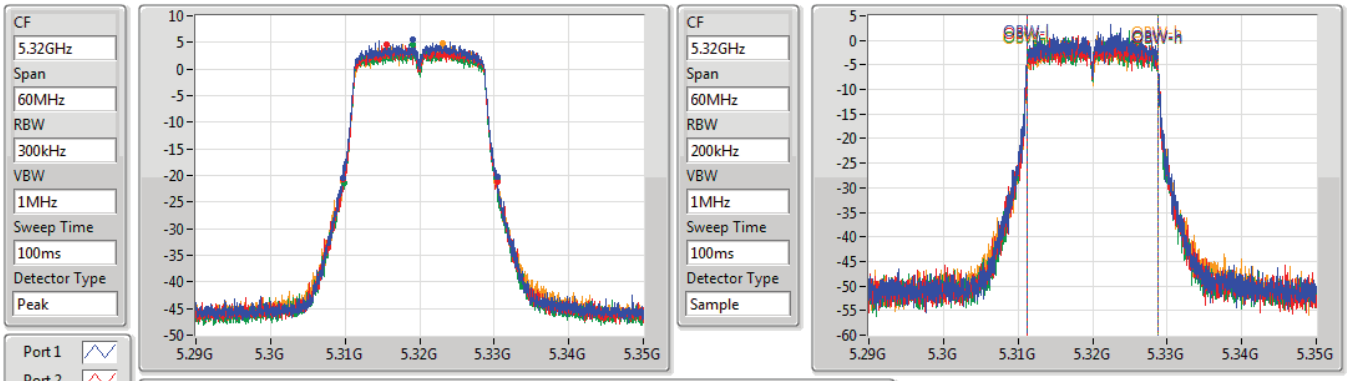


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.7M	5.28965G	5.31035G	17.601M	5.291184G	5.308786G	Inf	1
20.97M	5.28941G	5.31038G	17.571M	5.291184G	5.308756G	Inf	2
20.58M	5.28974G	5.31032G	17.571M	5.291184G	5.308756G	Inf	3
20.88M	5.28947G	5.31035G	17.601M	5.291184G	5.308786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

21/06/2019

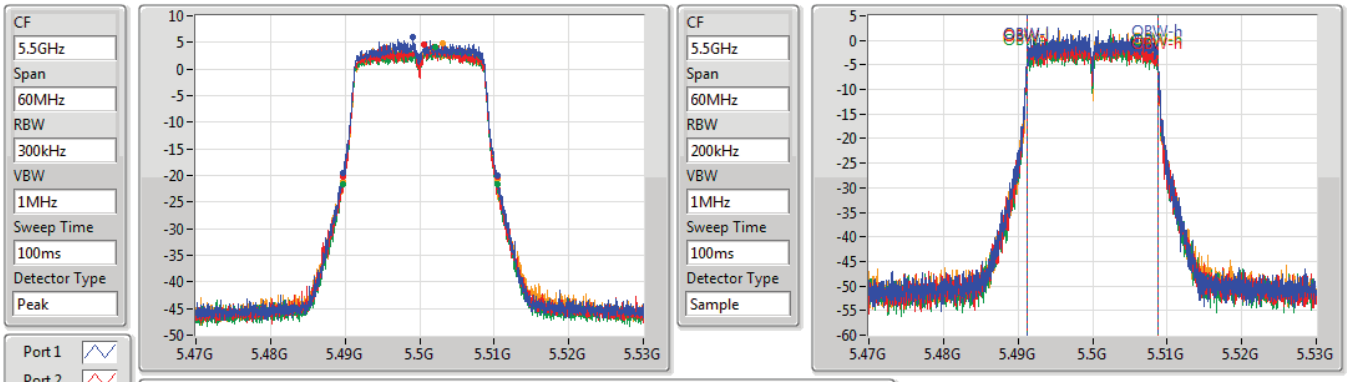


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.30965G	5.33038G	17.571M	5.311184G	5.328756G	Inf	1
20.76M	5.30971G	5.33047G	17.601M	5.311184G	5.328786G	Inf	2
20.55M	5.30986G	5.33041G	17.571M	5.311184G	5.328756G	Inf	3
20.55M	5.30977G	5.33032G	17.571M	5.311184G	5.328756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

21/06/2019

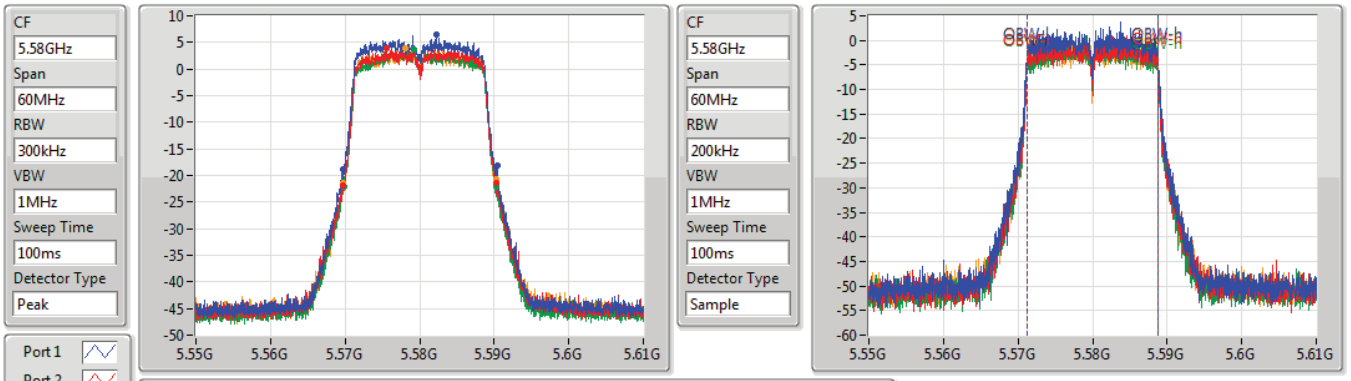


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.79M	5.48965G	5.51044G	17.601M	5.491184G	5.508786G	Inf	1
20.67M	5.48974G	5.51041G	17.601M	5.491184G	5.508786G	Inf	2
20.76M	5.48971G	5.51047G	17.601M	5.491184G	5.508786G	Inf	3
20.67M	5.48974G	5.51041G	17.601M	5.491184G	5.508786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

21/06/2019

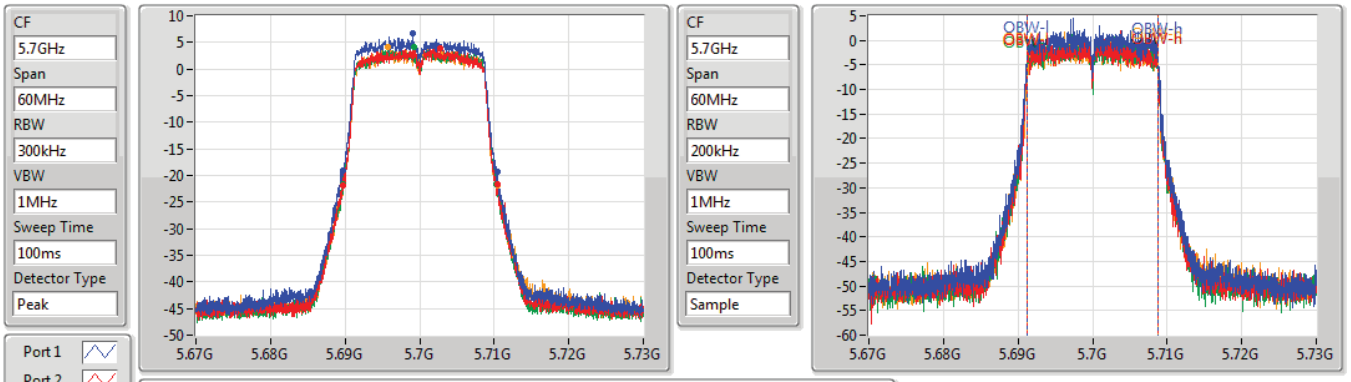


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.73M	5.56965G	5.59038G	17.631M	5.571154G	5.588786G	Inf	1
20.43M	5.56977G	5.5902G	17.601M	5.571184G	5.588786G	Inf	2
20.4M	5.56986G	5.59026G	17.541M	5.571214G	5.588756G	Inf	3
20.58M	5.56968G	5.59026G	17.601M	5.571184G	5.588786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

21/06/2019

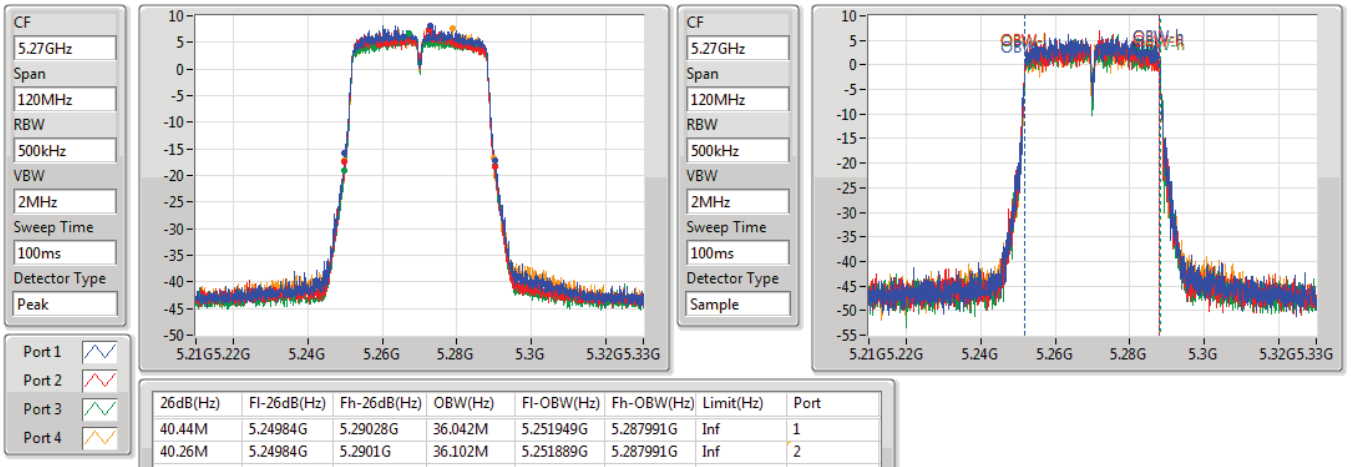


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.68974G	5.71038G	17.601M	5.691184G	5.708786G	Inf	1
20.7M	5.68971G	5.71041G	17.601M	5.691184G	5.708786G	Inf	2
20.64M	5.68965G	5.71029G	17.601M	5.691184G	5.708786G	Inf	3
20.79M	5.68971G	5.7105G	17.571M	5.691214G	5.708786G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

21/06/2019

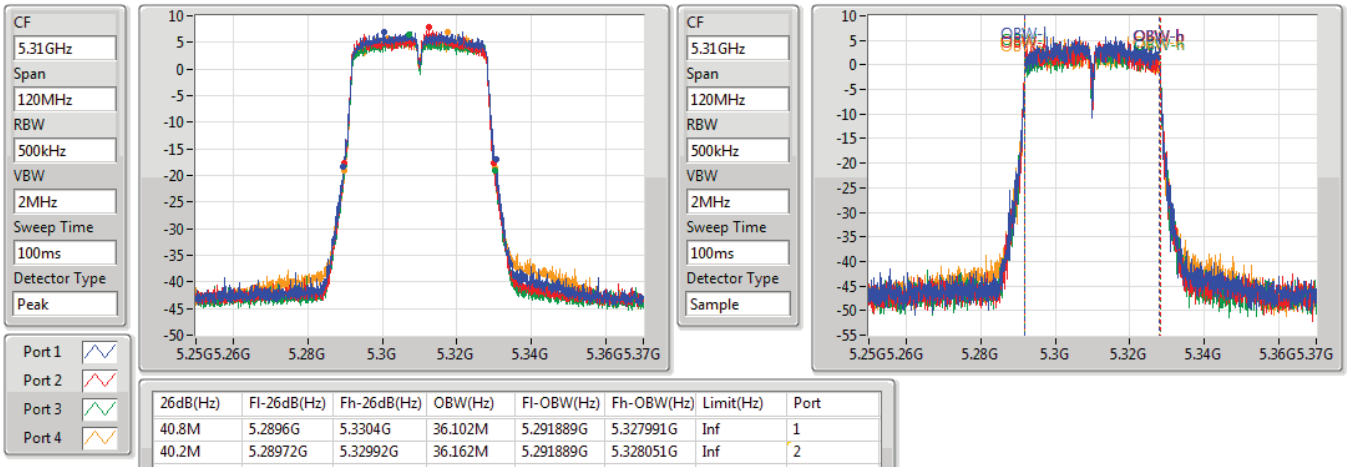


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.24984G	5.29028G	36.042M	5.251949G	5.287991G	Inf	1
40.26M	5.24984G	5.2901G	36.102M	5.251889G	5.287991G	Inf	2
40.32M	5.24984G	5.29016G	36.102M	5.251949G	5.288051G	Inf	3
39.96M	5.2499G	5.28986G	36.042M	5.251949G	5.287991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

21/06/2019

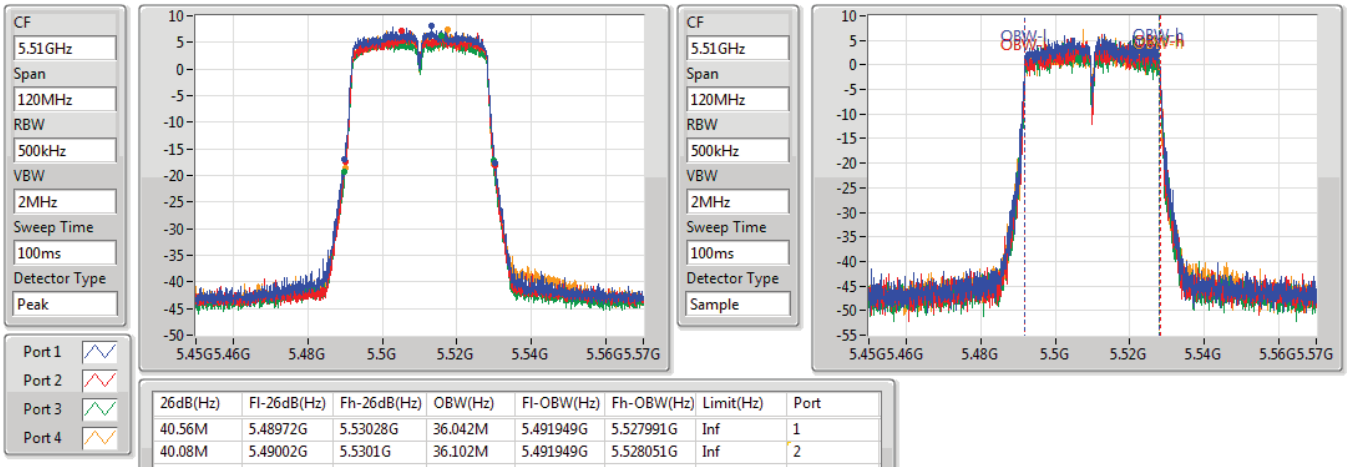


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.2896G	5.3304G	36.102M	5.291889G	5.327991G	Inf	1
40.2M	5.28972G	5.32992G	36.162M	5.291889G	5.328051G	Inf	2
40.38M	5.2899G	5.33028G	36.102M	5.291949G	5.328051G	Inf	3
40.32M	5.28978G	5.3301G	36.102M	5.291889G	5.327991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

21/06/2019

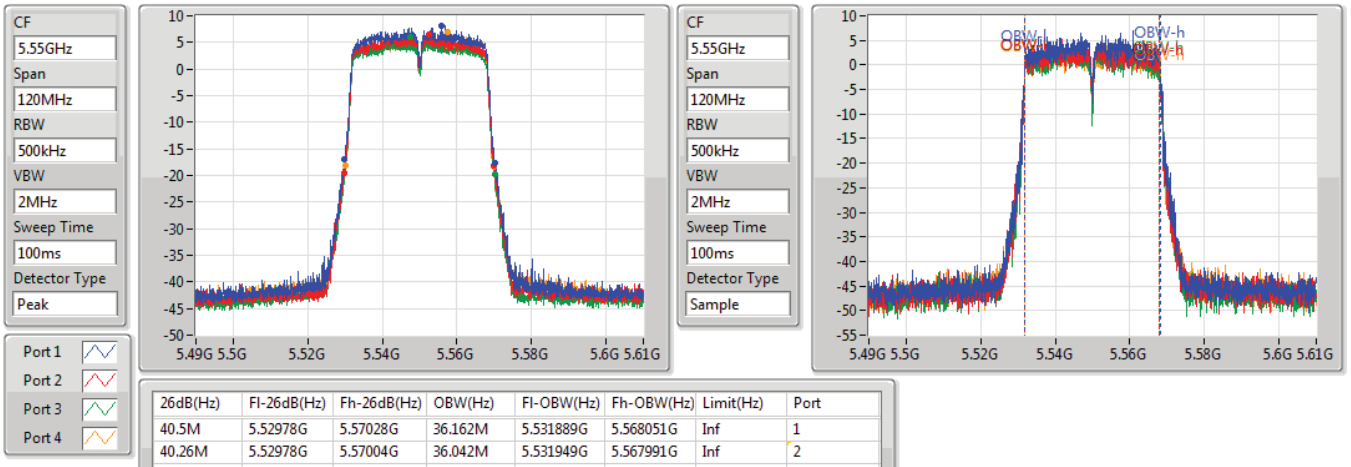


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.48972G	5.53028G	36.042M	5.491949G	5.527991G	Inf	1
40.08M	5.49002G	5.5301G	36.102M	5.491949G	5.528051G	Inf	2
40.32M	5.48972G	5.53004G	36.042M	5.491949G	5.527991G	Inf	3
39.78M	5.49014G	5.52992G	36.102M	5.491889G	5.527991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

21/06/2019

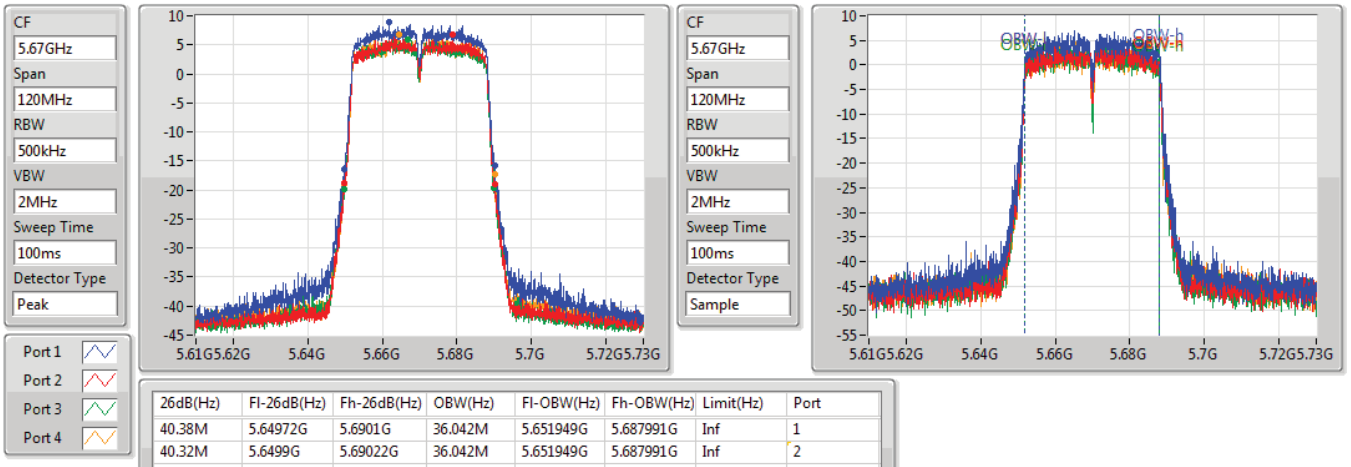


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.52978G	5.57028G	36.162M	5.531889G	5.568051G	Inf	1
40.26M	5.52978G	5.57004G	36.042M	5.531949G	5.567991G	Inf	2
40.32M	5.52984G	5.57016G	36.102M	5.531889G	5.567991G	Inf	3
39.96M	5.53002G	5.56998G	36.162M	5.531889G	5.568051G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

21/06/2019

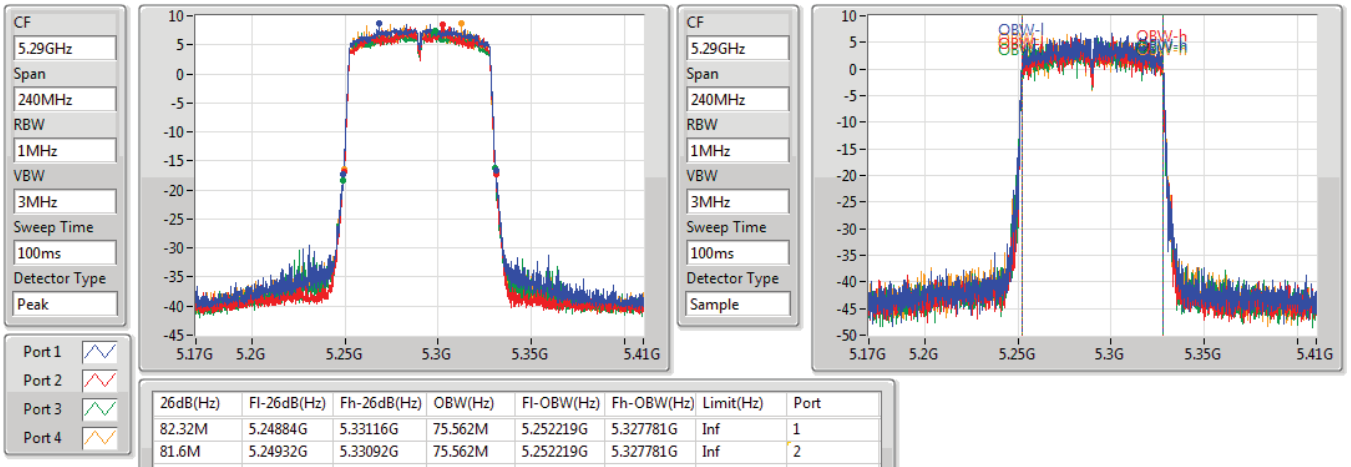


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.64972G	5.6901G	36.042M	5.651949G	5.687991G	Inf	1
40.32M	5.6499G	5.69022G	36.042M	5.651949G	5.687991G	Inf	2
40.14M	5.64978G	5.68992G	36.102M	5.651889G	5.687991G	Inf	3
40.2M	5.6499G	5.6901G	36.042M	5.651949G	5.687991G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

21/06/2019

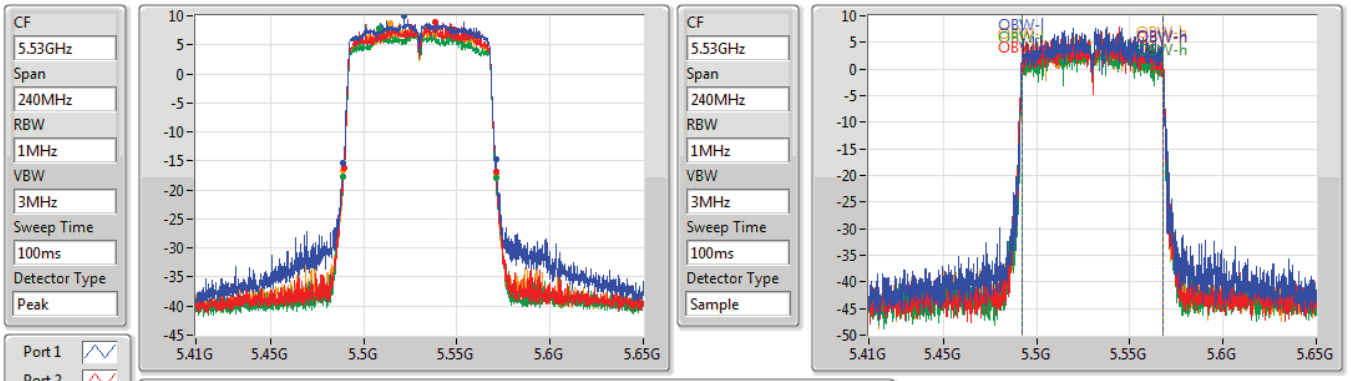


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24884G	5.33116G	75.562M	5.252219G	5.327781G	Inf	1
81.6M	5.24932G	5.33092G	75.562M	5.252219G	5.327781G	Inf	2
81.96M	5.24872G	5.33068G	75.562M	5.252099G	5.327661G	Inf	3
81.6M	5.24932G	5.33092G	75.442M	5.252219G	5.327661G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

21/06/2019

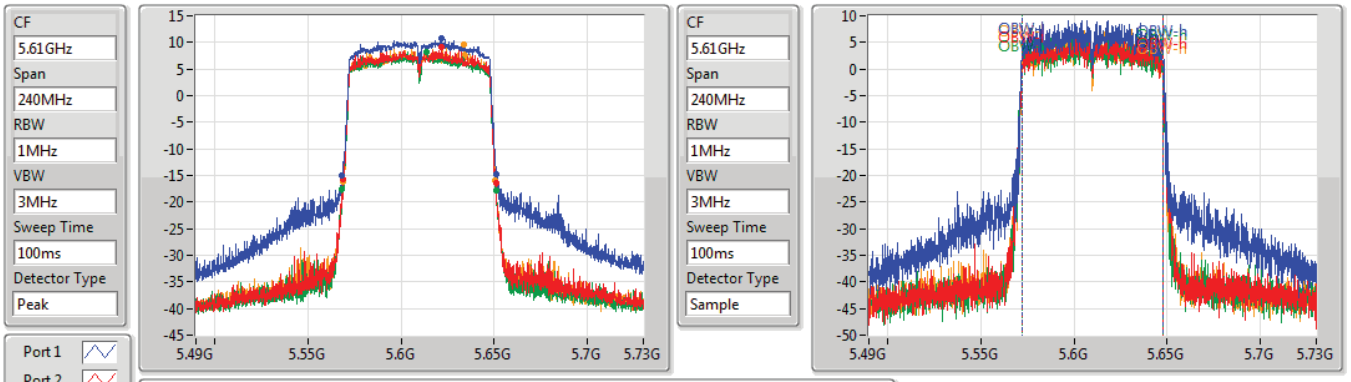


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.4892G	5.57092G	75.562M	5.492099G	5.567661G	Inf	1
81.48M	5.48932G	5.5708G	75.442M	5.492219G	5.567661G	Inf	2
81.84M	5.48896G	5.5708G	75.682M	5.492099G	5.567781G	Inf	3
81.72M	5.4892G	5.57092G	75.322M	5.492339G	5.567661G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

21/06/2019

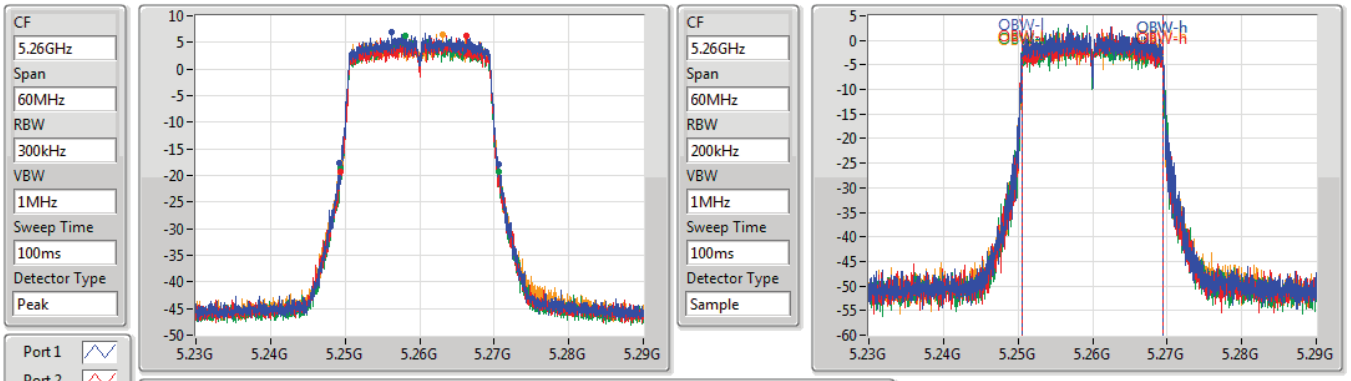


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.28M	5.56812G	5.6514G	75.562M	5.572219G	5.647781G	Inf	1
81.84M	5.56908G	5.65092G	75.562M	5.572099G	5.647661G	Inf	2
82.68M	5.56836G	5.65104G	75.562M	5.572099G	5.647661G	Inf	3
81.36M	5.5692G	5.65056G	75.322M	5.572219G	5.647541G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

21/06/2019

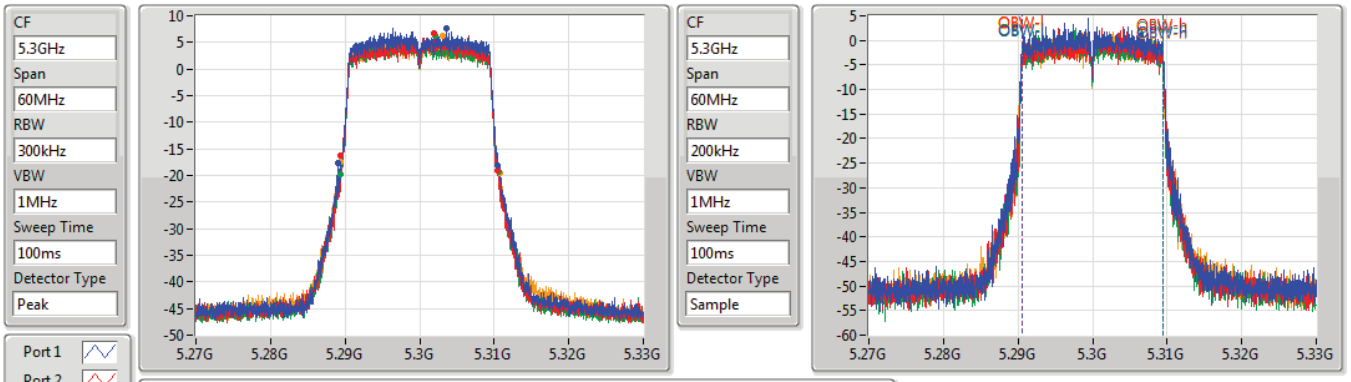


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.24923G	5.27068G	18.951M	5.250495G	5.269445G	Inf	1
21.33M	5.24932G	5.27065G	18.861M	5.250555G	5.269415G	Inf	2
21.24M	5.24938G	5.27062G	18.921M	5.250525G	5.269445G	Inf	3
21.21M	5.24941G	5.27062G	18.921M	5.250525G	5.269445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

21/06/2019

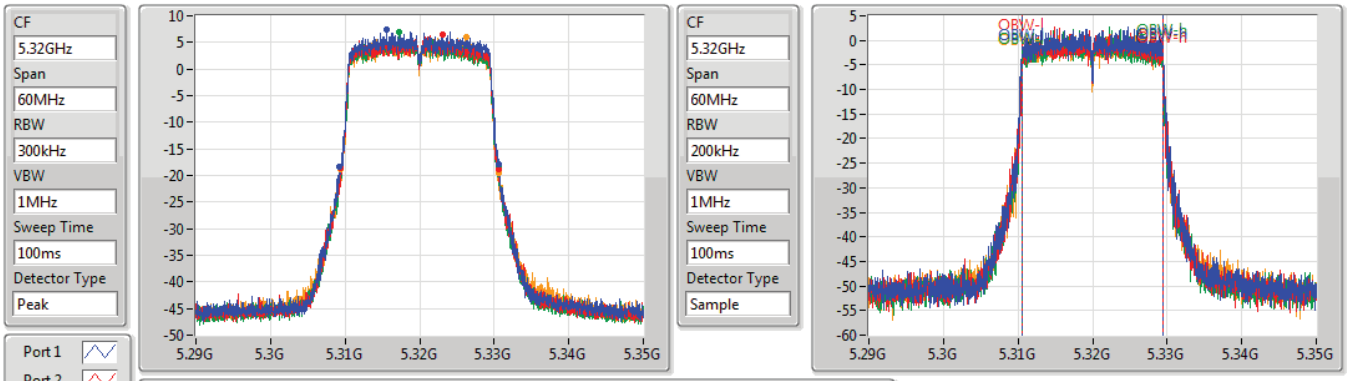


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.28911G	5.3105G	18.921M	5.290525G	5.309445G	Inf	1
21.03M	5.28944G	5.31047G	18.861M	5.290555G	5.309415G	Inf	2
21.18M	5.28938G	5.31056G	18.891M	5.290525G	5.309415G	Inf	3
21.33M	5.28938G	5.31071G	18.921M	5.290525G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

21/06/2019

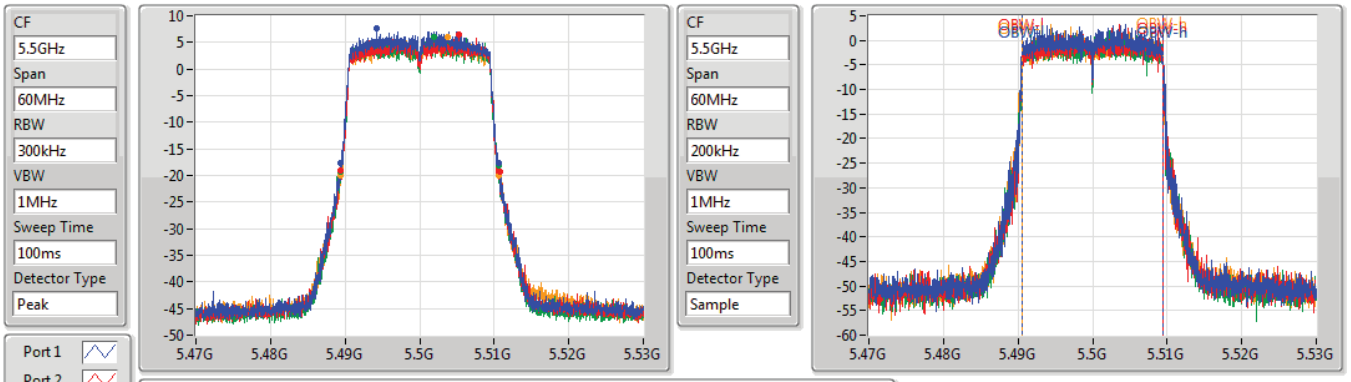


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.30926G	5.33059G	18.921M	5.310525G	5.329445G	Inf	1
21.18M	5.30938G	5.33056G	18.891M	5.310525G	5.329415G	Inf	2
21.18M	5.30938G	5.33056G	18.861M	5.310525G	5.329385G	Inf	3
21.24M	5.30941G	5.33065G	18.951M	5.310525G	5.329475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

21/06/2019

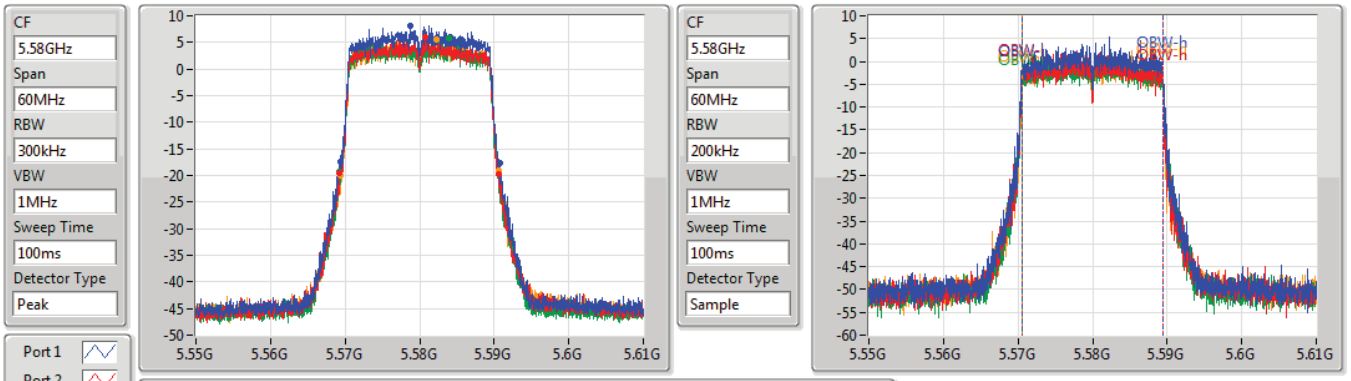


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.48938G	5.51065G	18.891M	5.490525G	5.509415G	Inf	1
21.39M	5.48932G	5.51071G	18.891M	5.490525G	5.509415G	Inf	2
21.33M	5.48932G	5.51065G	18.891M	5.490525G	5.509415G	Inf	3
21.3M	5.48932G	5.51062G	18.951M	5.490495G	5.509445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

21/06/2019

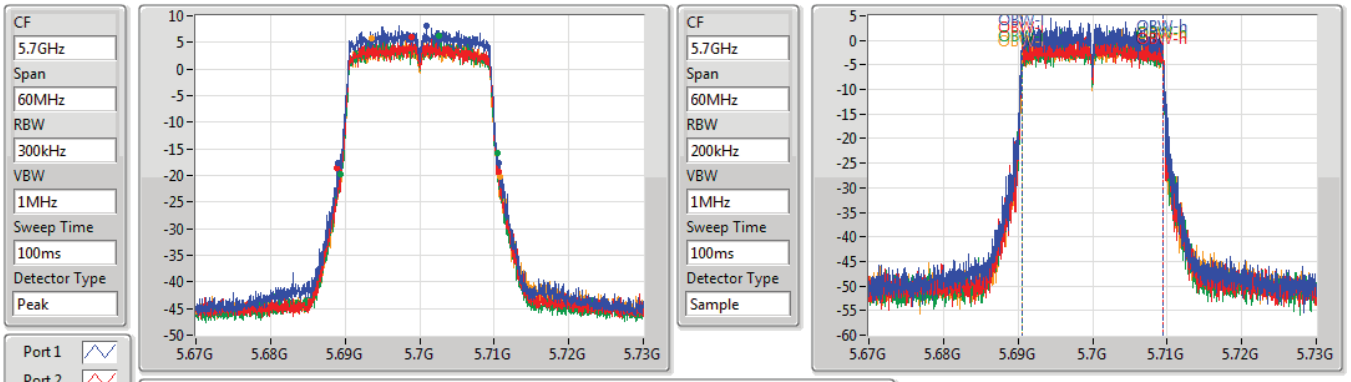


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.56941G	5.59086G	18.891M	5.570525G	5.589415G	Inf	1
21.45M	5.5692G	5.59065G	18.921M	5.570525G	5.589445G	Inf	2
21.42M	5.5692G	5.59062G	18.921M	5.570525G	5.589445G	Inf	3
21.18M	5.56935G	5.59053G	18.861M	5.570555G	5.589415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

21/06/2019

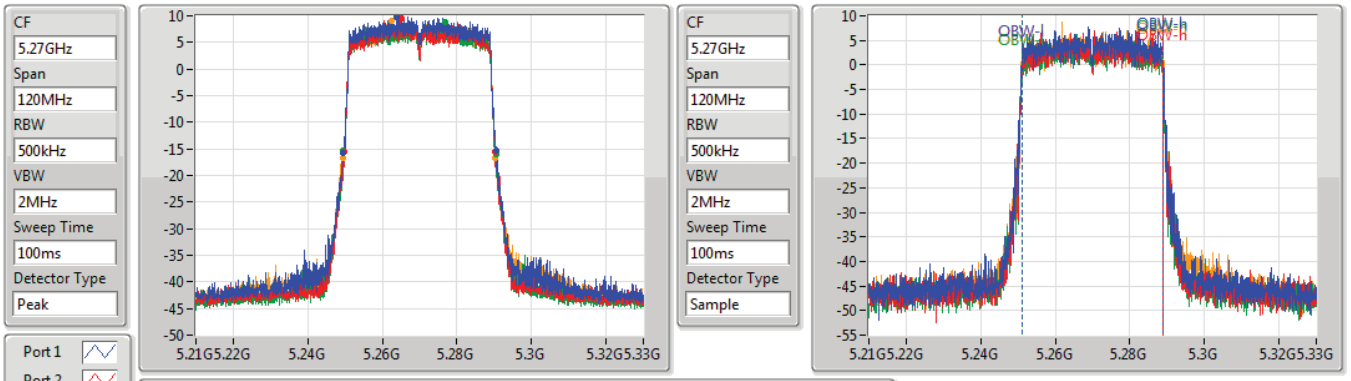


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68902G	5.71053G	18.891M	5.690525G	5.709415G	Inf	1
21.69M	5.68896G	5.71065G	18.921M	5.690525G	5.709445G	Inf	2
21.12M	5.68932G	5.71044G	18.921M	5.690495G	5.709415G	Inf	3
21.42M	5.68935G	5.71077G	18.891M	5.690525G	5.709415G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

21/06/2019

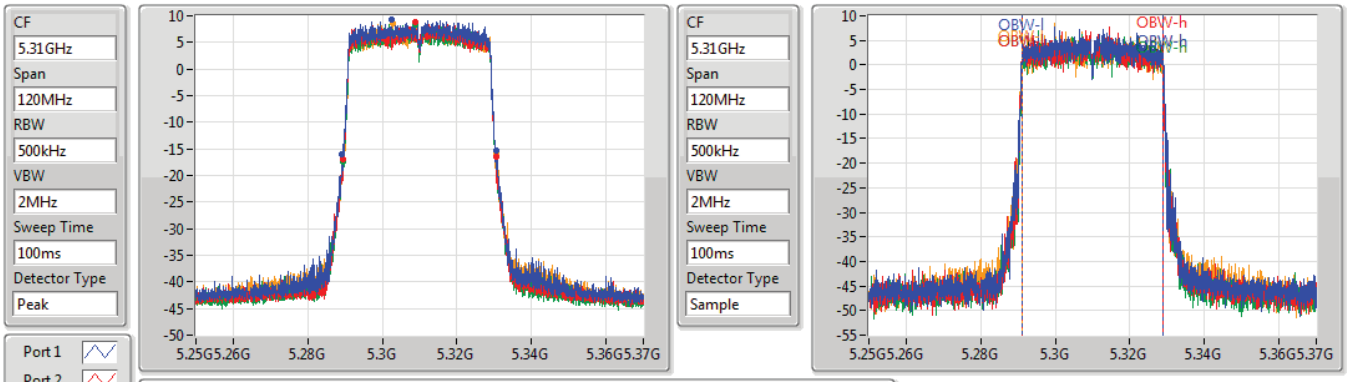


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.2493G	5.29046G	37.661M	5.251109G	5.288771G	Inf	1
40.32M	5.24984G	5.29016G	37.601M	5.251169G	5.288771G	Inf	2
40.98M	5.2496G	5.29058G	37.601M	5.251169G	5.288771G	Inf	3
40.98M	5.24936G	5.29034G	37.781M	5.251049G	5.288831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

21/06/2019

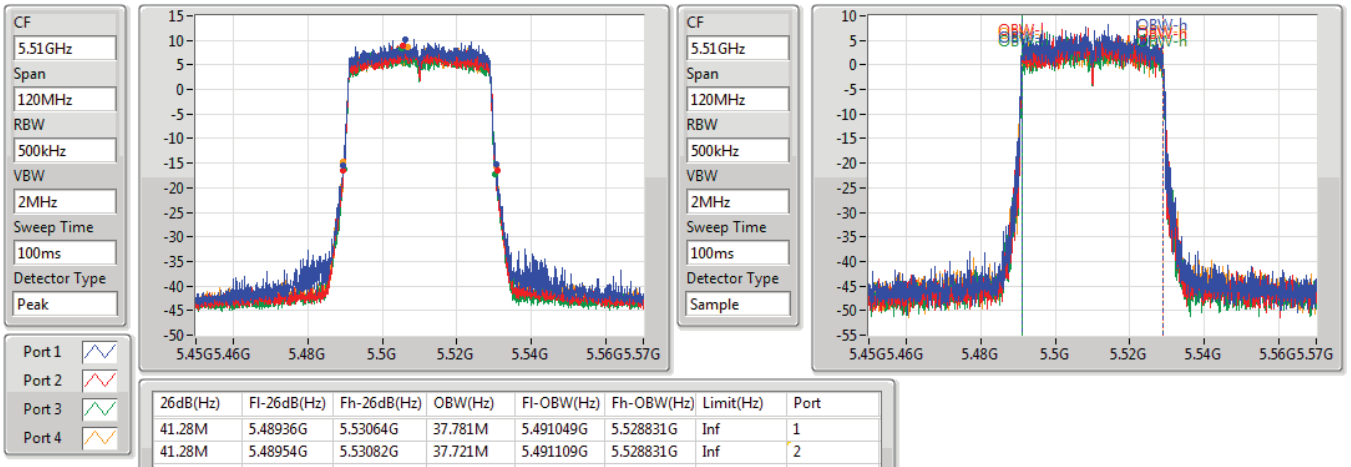


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.52M	5.28906G	5.33058G	37.661M	5.291169G	5.328831G	Inf	1
41.04M	5.28954G	5.33058G	37.781M	5.291109G	5.328891G	Inf	2
40.92M	5.28954G	5.33046G	37.781M	5.291049G	5.328831G	Inf	3
41.22M	5.28948G	5.3307G	37.781M	5.291049G	5.328831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

21/06/2019

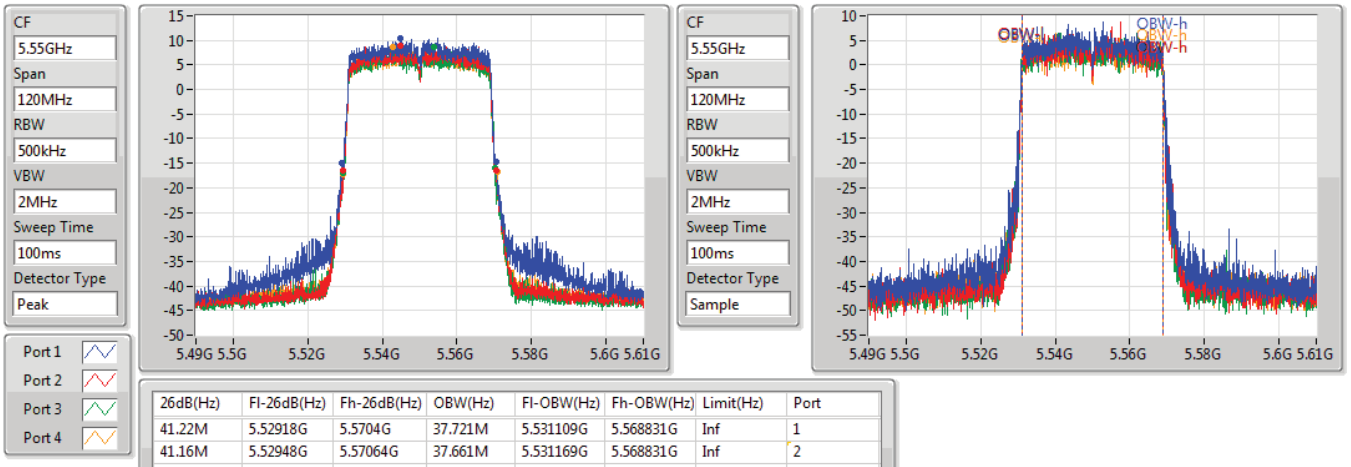


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.48936G	5.53064G	37.781M	5.491049G	5.528831G	Inf	1
41.28M	5.48954G	5.53082G	37.721M	5.491109G	5.528831G	Inf	2
40.68M	5.48966G	5.53034G	37.601M	5.491169G	5.528771G	Inf	3
40.92M	5.48954G	5.53046G	37.721M	5.491109G	5.528831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

21/06/2019

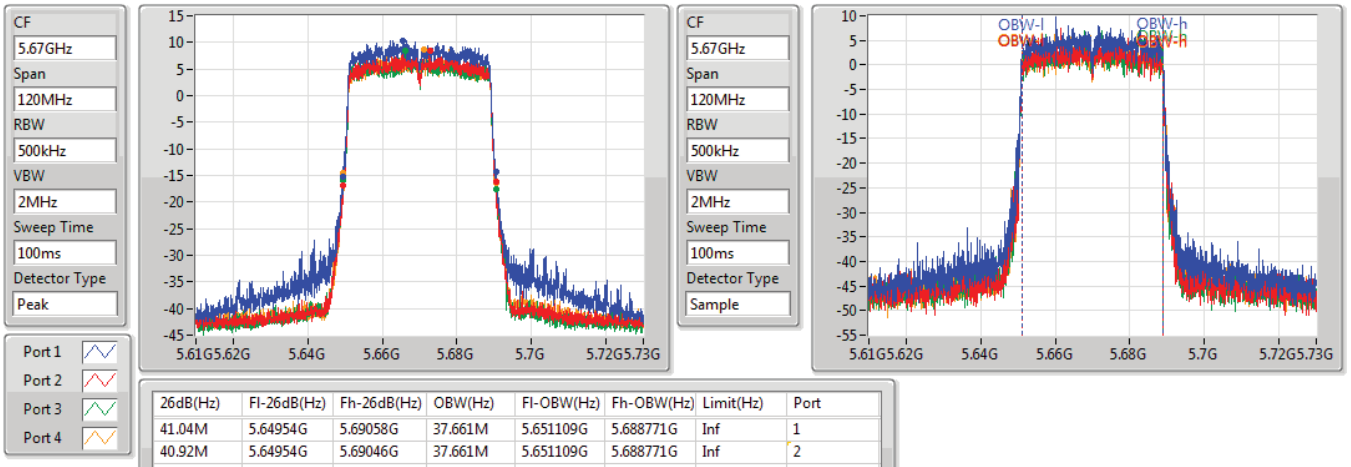


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.52918G	5.5704G	37.721M	5.531109G	5.568831G	Inf	1
41.16M	5.52948G	5.57064G	37.661M	5.531169G	5.568831G	Inf	2
40.8M	5.52948G	5.57028G	37.781M	5.53099G	5.568771G	Inf	3
41.34M	5.52954G	5.57088G	37.601M	5.531169G	5.568771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

21/06/2019

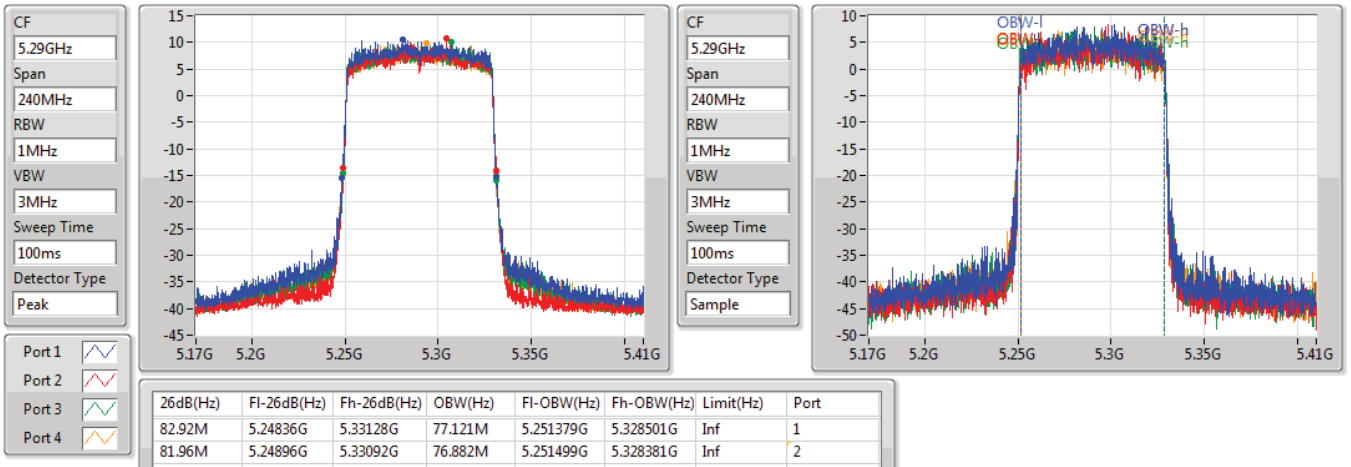


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.64954G	5.69058G	37.661M	5.651109G	5.688771G	Inf	1
40.92M	5.64954G	5.69046G	37.661M	5.651109G	5.688771G	Inf	2
40.98M	5.64948G	5.69046G	37.721M	5.651109G	5.688831G	Inf	3
41.16M	5.64954G	5.6907G	37.721M	5.651049G	5.688771G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

21/06/2019

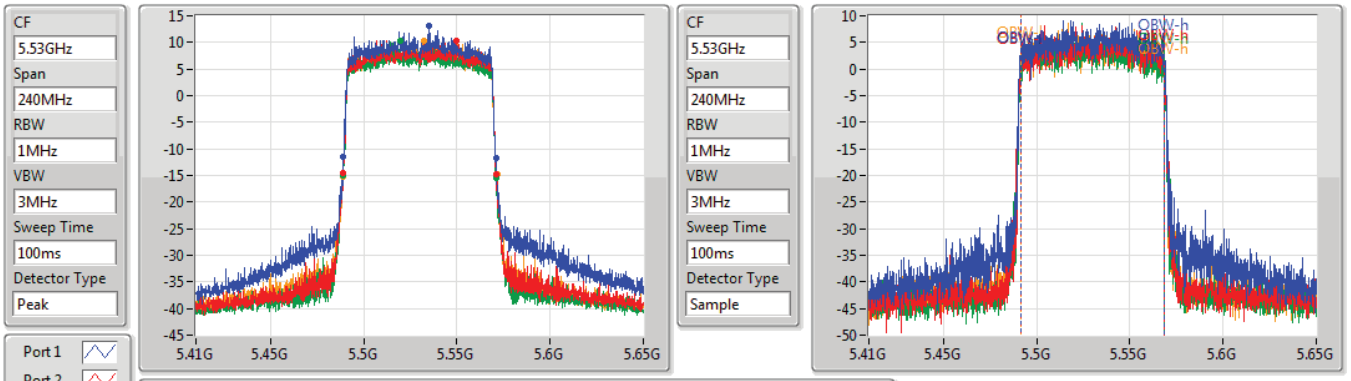


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.24836G	5.33128G	77.121M	5.251379G	5.328501G	Inf	1
81.96M	5.24896G	5.33092G	76.882M	5.251499G	5.328381G	Inf	2
82.44M	5.24896G	5.3314G	77.121M	5.251259G	5.328381G	Inf	3
82.32M	5.24872G	5.33104G	77.001M	5.251379G	5.328381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

21/06/2019

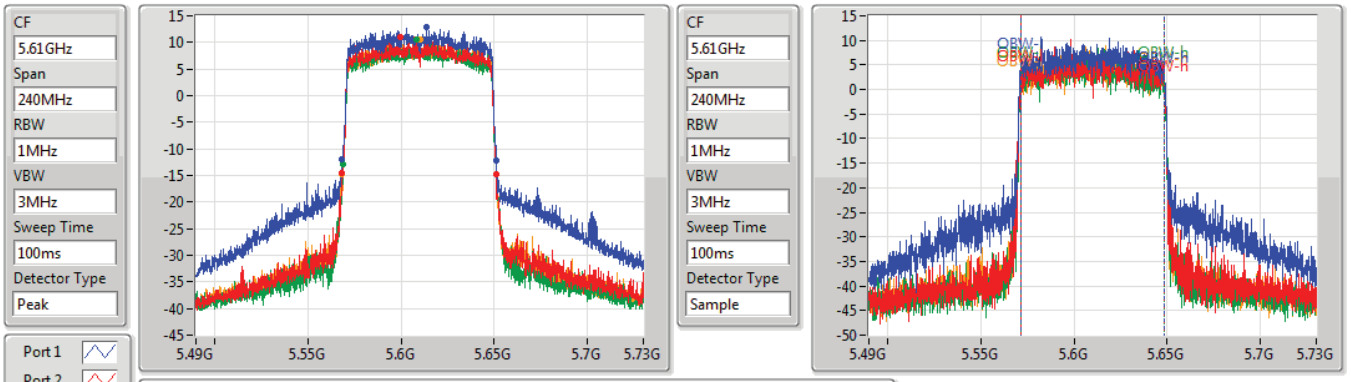


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.4892G	5.57092G	77.121M	5.491379G	5.568501G	Inf	1
82.08M	5.48896G	5.57104G	77.121M	5.491379G	5.568501G	Inf	2
82.2M	5.48896G	5.57116G	77.001M	5.491379G	5.568381G	Inf	3
82.68M	5.48896G	5.57164G	77.001M	5.491379G	5.568381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

21/06/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.56836G	5.65128G	77.121M	5.571259G	5.648381G	Inf	1
82.8M	5.56836G	5.65116G	77.121M	5.571259G	5.648381G	Inf	2
82.56M	5.5686G	5.65116G	77.121M	5.571379G	5.648501G	Inf	3
82.8M	5.56848G	5.65128G	77.241M	5.571259G	5.648501G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	82.44M	75.562M	75M6D1D	81.24M	75.202M
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	82.56M	77.121M	77M1D1D	82.32M	77.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	19.47M	16.462M	16M5D1D	18.87M	16.342M
802.11ac VHT20_Nss1,(MCS0)_8TX	20.97M	17.631M	17M6D1D	19.35M	17.361M
802.11ac VHT40_Nss1,(MCS0)_8TX	40.86M	36.282M	36M3D1D	39.72M	36.042M
802.11ac VHT80_Nss1,(MCS0)_8TX	82.44M	75.562M	75M6D1D	80.4M	74.843M
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	81.72M	75.442M	75M4D1D	81.12M	75.322M
802.11ax HEW20_Nss1,(MCS0)_8TX	21.63M	18.981M	19M0D1D	20.82M	18.771M
802.11ax HEW40_Nss1,(MCS0)_8TX	41.46M	37.781M	37M8D1D	40.32M	37.481M
802.11ax HEW80_Nss1,(MCS0)_8TX	82.44M	77.241M	77M2D1D	81.24M	76.402M
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	82.56M	77.121M	77M1D1D	82.32M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	19.35M	16.432M	16M4D1D	18.81M	16.342M
802.11ac VHT20_Nss1,(MCS0)_8TX	21.15M	17.631M	17M6D1D	19.92M	17.451M
802.11ac VHT40_Nss1,(MCS0)_8TX	40.74M	36.162M	36M2D1D	39.84M	35.982M
802.11ac VHT80_Nss1,(MCS0)_8TX	82.44M	75.682M	75M7D1D	80.4M	75.082M
802.11ac VHT80+80_Nss1,(MCS0)_8TX	82.32M	75.322M	75M3D1D	81.36M	75.322M
802.11ax HEW20_Nss1,(MCS0)_8TX	21.6M	19.01M	19M0D1D	20.85M	18.831M
802.11ax HEW40_Nss1,(MCS0)_8TX	41.28M	37.841M	37M8D1D	40.44M	37.601M
802.11ax HEW80_Nss1,(MCS0)_8TX	82.68M	77.241M	77M2D1D	81.24M	76.522M
802.11ax HEW80+80_Nss1,(MCS0)_8TX	82.8M	77.241M	77M2D1D	81.6M	76.762M

Max-N dB = Maximum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for UNII-3 band / Maximum 26dB down bandwidth for other band; **Min-OBW** = Minimum 99% occupied bandwidth;

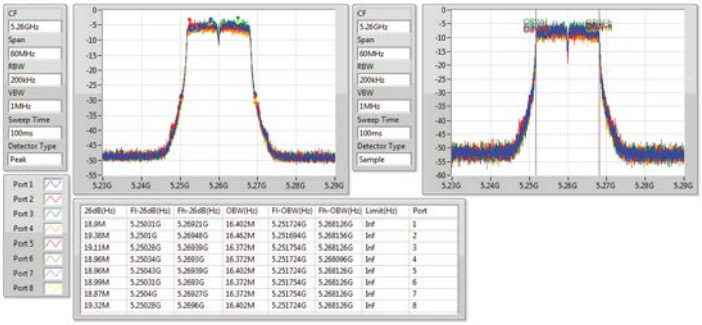
Result

Mode	Result	Limit	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW	Port 3-N dB	Port 3-OBW	Port 4-N dB	Port 4-OBW	Port 5-N dB	Port 5-OBW	Port 6-N dB	Port 6-OBW	Port 7-N dB	Port 7-OBW	Port 8-N dB	Port 8-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.9M	16.402M	19.38M	16.462M	19.11M	16.372M	18.96M	16.372M	18.96M	16.402M	18.99M	16.372M	18.87M	16.372M	19.32M	16.402M
5300MHz	Pass	Inf	19.14M	16.372M	19.2M	16.372M	19.11M	16.372M	19.23M	16.402M	18.93M	16.372M	19.02M	16.372M	19.23M	16.372M	19.2M	16.372M
5320MHz	Pass	Inf	19.29M	16.402M	19.47M	16.462M	19.17M	16.372M	19.05M	16.402M	18.96M	16.342M	19.11M	16.402M	18.99M	16.402M	19.32M	16.432M
5500MHz	Pass	Inf	18.99M	16.372M	19.11M	16.372M	19.11M	16.402M	19.23M	16.372M	18.99M	16.372M	18.93M	16.402M	18.81M	16.372M	19.29M	16.372M
5580MHz	Pass	Inf	18.99M	16.402M	19.26M	16.432M	19.11M	16.372M	19.32M	16.402M	19.14M	16.372M	19.29M	16.372M	18.84M	16.342M	19.32M	16.402M
5700MHz	Pass	Inf	18.99M	16.372M	18.93M	16.402M	19.05M	16.342M	18.99M	16.372M	18.87M	16.342M	19.02M	16.372M	19.2M	16.402M	19.35M	16.402M
802.11ac VHT20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.76M	17.571M	19.59M	17.481M	20.82M	17.571M	20.55M	17.571M	20.64M	17.601M	20.58M	17.601M	20.79M	17.571M	20.34M	17.601M
5300MHz	Pass	Inf	20.79M	17.571M	19.38M	17.361M	20.61M	17.571M	20.61M	17.571M	20.82M	17.571M	20.43M	17.601M	20.88M	17.571M	20.58M	17.601M
5320MHz	Pass	Inf	20.97M	17.631M	19.35M	17.451M	20.79M	17.541M	20.76M	17.601M	20.85M	17.571M	20.88M	17.601M	20.82M	17.571M	20.55M	17.601M
5500MHz	Pass	Inf	20.76M	17.571M	20.43M	17.571M	20.76M	17.631M	20.67M	17.571M	20.79M	17.571M	20.82M	17.631M	20.85M	17.601M	20.61M	17.571M
5580MHz	Pass	Inf	20.82M	17.541M	19.92M	17.451M	20.73M	17.601M	20.76M	17.571M	20.7M	17.571M	20.67M	17.571M	21.15M	17.601M	20.79M	17.601M
5700MHz	Pass	Inf	20.85M	17.601M	20.43M	17.541M	20.82M	17.571M	20.58M	17.601M	20.91M	17.571M	20.46M	17.601M	20.43M	17.601M	20.64M	17.601M
802.11ac VHT40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.86M	36.102M	40.38M	36.282M	40.44M	36.102M	39.72M	36.102M	40.26M	36.042M	40.08M	36.102M	40.26M	36.042M	40.38M	36.102M
5310MHz	Pass	Inf	40.56M	36.102M	40.32M	36.282M	40.26M	36.162M	40.2M	36.102M	40.5M	36.102M	40.08M	36.042M	40.26M	36.102M	40.68M	36.102M
5510MHz	Pass	Inf	40.74M	35.982M	40.44M	36.162M	40.44M	35.982M	40.08M	36.102M	40.44M	36.162M	40.02M	36.162M	40.02M	36.042M	40.5M	36.102M
5550MHz	Pass	Inf	40.74M	36.042M	40.5M	36.162M	40.56M	36.102M	40.08M	36.042M	40.56M	36.042M	40.2M	36.102M	40.26M	35.982M	40.26M	36.042M
5670MHz	Pass	Inf	40.32M	36.102M	40.32M	36.162M	40.74M	36.042M	40.08M	36.102M	40.26M	36.042M	39.84M	36.042M	40.02M	36.102M	40.26M	36.042M
802.11ac VHT80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.08M	75.562M	80.4M	74.843M	81.6M	75.442M	81.6M	75.442M	81.72M	75.442M	82.44M	75.442M	81.36M	75.322M	81.96M	75.442M
5530MHz	Pass	Inf	82.32M	75.322M	80.4M	75.082M	82.08M	75.682M	81.36M	75.202M	81.24M	75.322M	81.36M	75.322M	81.36M	75.442M	82.2M	75.322M
5610MHz	Pass	Inf	82.44M	75.562M	81.36M	75.082M	82.2M	75.322M	81.6M	75.322M	82.2M	75.442M	81.72M	75.562M	81.24M	75.442M	82.08M	75.442M
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	82.44M	75.562M	81.24M	75.202M	81.36M	75.562M	81.72M	75.442M								
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf									81.72M	75.322M	81.6M	75.322M	81.72M	75.322M	81.12M	75.442M
802.11ac VHT80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	81.84M	75.322M	81.36M	75.322M	81.6M	75.322M	81.6M	75.322M	81.6M	75.322M	82.32M	75.322M	82.08M	75.322M	81.36M	75.322M
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.09M	18.921M	21.42M	18.981M	21.18M	18.921M	21.45M	18.891M	21.3M	18.921M	21.21M	18.951M	21.36M	18.891M	21.27M	18.951M
5300MHz	Pass	Inf	21.21M	18.891M	20.82M	18.771M	21.48M	18.891M	21.39M	18.891M	21.63M	18.891M	21.54M	18.921M	21.15M	18.921M	21.27M	18.861M
5320MHz	Pass	Inf	21.18M	18.951M	21.45M	18.981M	21.21M	18.921M	21.15M	18.921M	21.15M	18.861M	21.57M	18.921M	21.33M	18.921M	21.15M	18.951M
5500MHz	Pass	Inf	21.3M	18.921M	20.85M	18.891M	21.27M	18.951M	21.27M	18.891M	21.24M	18.891M	21.3M	18.861M	21.21M	18.891M	21.21M	18.891M
5580MHz	Pass	Inf	21.6M	18.891M	21.39M	18.981M	21.54M	18.891M	21.21M	18.831M	21.12M	18.951M	21.54M	18.951M	21.18M	18.921M	21.39M	18.891M
5700MHz	Pass	Inf	21.15M	18.921M	21.3M	19.01M	21.27M	18.921M	21.15M	18.891M	21.42M	18.921M	21.12M	18.891M	21.54M	18.921M	21.15M	18.861M
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.86M	37.721M	40.44M	37.481M	41.22M	37.721M	40.98M	37.661M	40.86M	37.781M	40.92M	37.781M	41.34M	37.661M	40.92M	37.721M
5310MHz	Pass	Inf	40.98M	37.781M	40.32M	37.481M	40.86M	37.661M	41.46M	37.661M	41.28M	37.661M	40.74M	37.721M	40.92M	37.721M	40.86M	37.661M
5510MHz	Pass	Inf	40.8M	37.841M	40.92M	37.721M	40.92M	37.841M	40.8M	37.661M	40.86M	37.601M	40.86M	37.721M	41.16M	37.721M	40.92M	37.661M
5550MHz	Pass	Inf	41.28M	37.721M	40.74M	37.781M	40.92M	37.721M	40.8M	37.781M	40.92M	37.781M	41.04M	37.721M	40.8M	37.721M	40.92M	37.721M
5670MHz	Pass	Inf	40.98M	37.841M	40.8M	37.841M	40.92M	37.661M	40.44M	37.661M	40.62M	37.661M	40.8M	37.781M	40.74M	37.661M	40.8M	37.661M
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	76.882M	81.24M	76.402M	82.32M	77.121M	82.08M	77.121M	82.08M	76.882M	82.32M	77.121M	82.08M	77.001M	82.44M	77.241M
5530MHz	Pass	Inf	82.56M	77.121M	81.84M	77.001M	82.44M	77.241M	82.32M	77.121M	82.56M	77.241M	82.32M	76.882M	82.2M	77.121M	82.68M	77.121M
5610MHz	Pass	Inf	82.2M	77.001M	81.24M	76.522M	82.32M	77.121M	82.2M	77.121M	81.96M	77.001M	81.96M	77.241M	81.84M	77.121M	81.84M	77.001M
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	82.44M	77.121M	82.56M	77.121M	82.44M	77.121M	82.32M	77.121M								
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf									82.32M	77.121M	82.44M	77.121M	82.56M	77.121M	82.44M	77.121M
802.11ax HEW80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.56M	76.762M	82.8M	77.241M	81.6M	77.001M	82.08M	77.241M	82.08M	77.241M	82.08M	77.241M	82.32M	77.241M	82.32M	77.001M

Port X-N dB = Port **X** 6dB down bandwidth for UNII-3 band / 26dB down bandwidth for other band; **Port X-OBW** = Port **X** 99% occupied bandwidth;

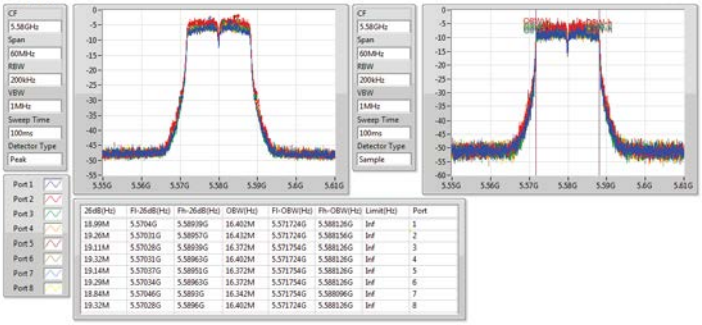
802.11a_Nss1,(6Mbps)_8TX EBW

5260MHz



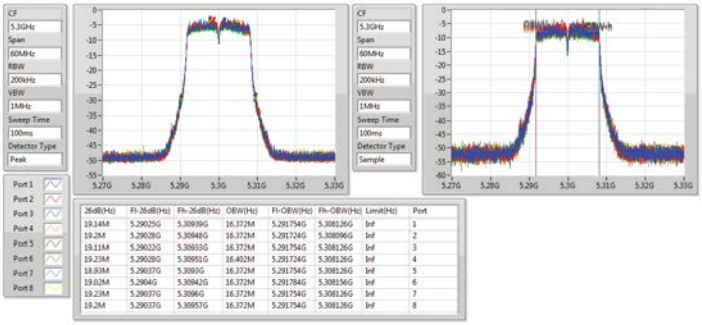
802.11a_Nss1,(6Mbps)_8TX EBW

5580MHz



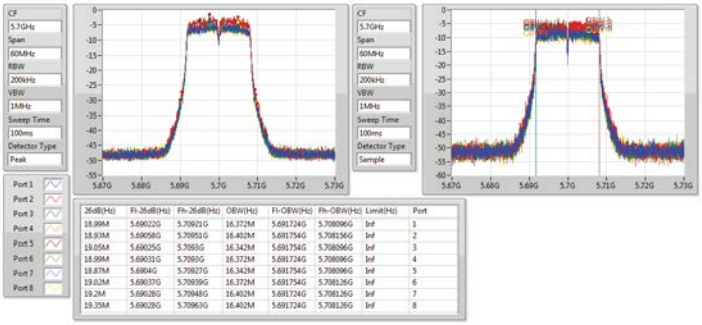
802.11a_Nss1,(6Mbps)_8TX EBW

5300MHz



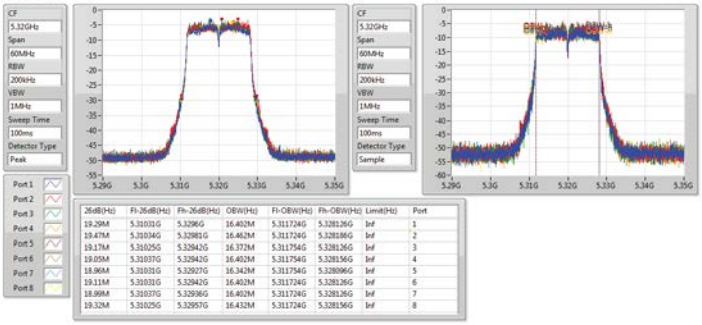
802.11a_Nss1,(6Mbps)_8TX EBW

5700MHz



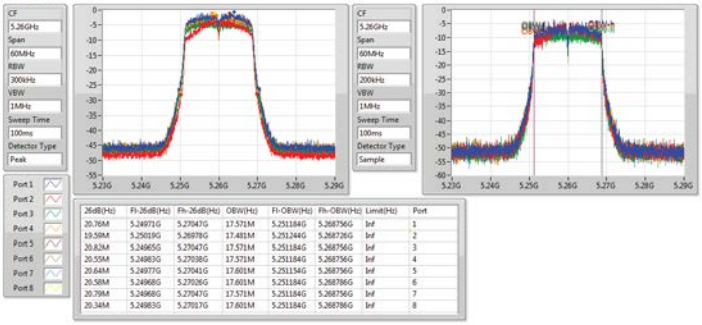
802.11a_Nss1,(6Mbps)_8TX EBW

5320MHz



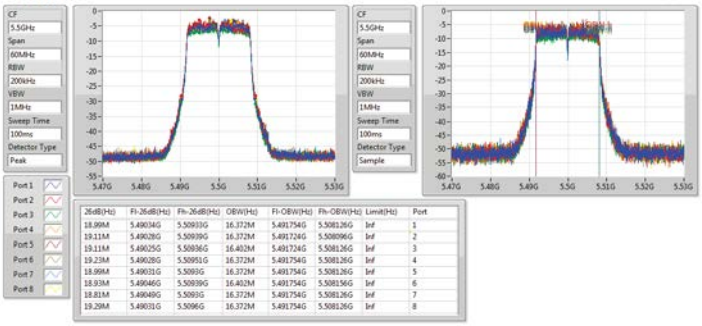
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5260MHz



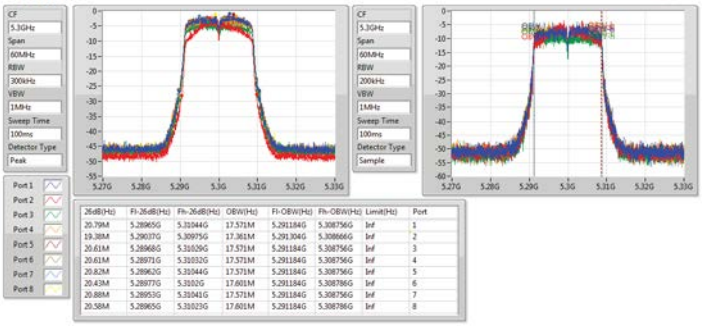
802.11a_Nss1,(6Mbps)_8TX EBW

5500MHz



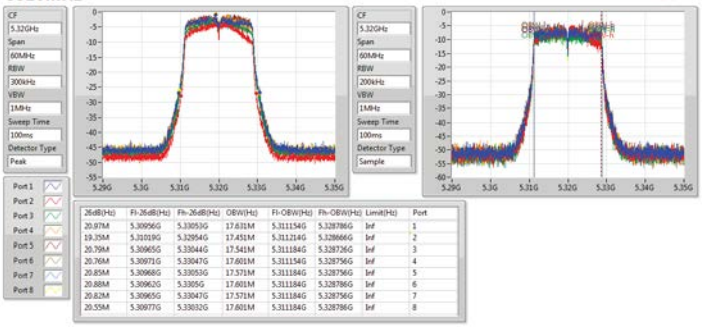
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5300MHz



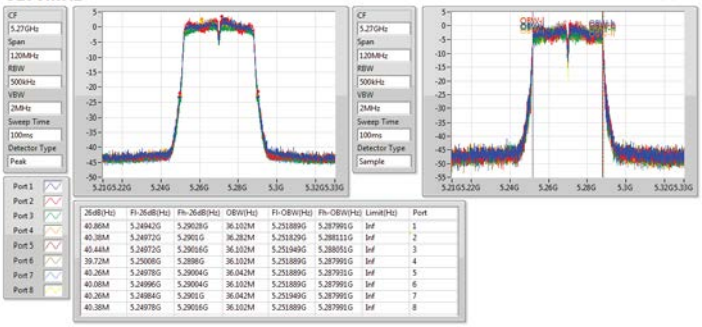
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5320MHz



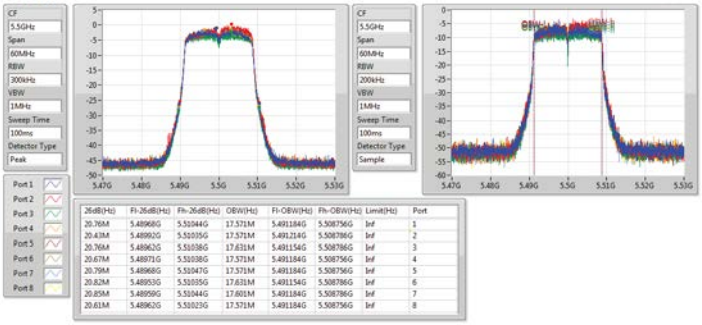
802.11ac VHT40_Nss1,(MCS0)_8TX EBW

5270MHz



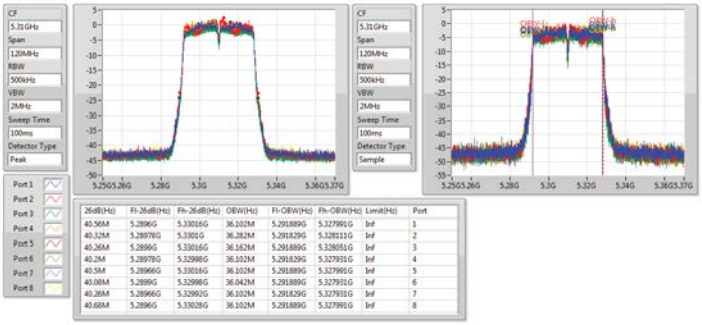
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5500MHz



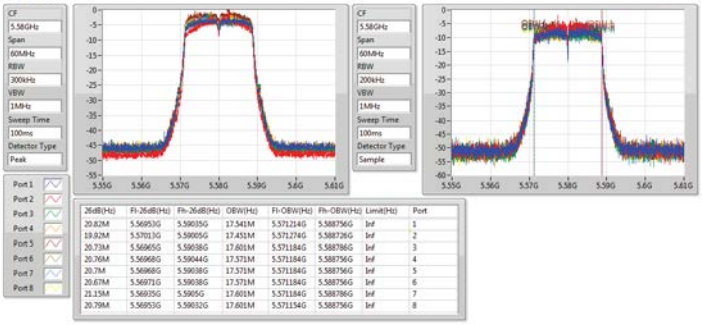
802.11ac VHT40_Nss1,(MCS0)_8TX EBW

5310MHz



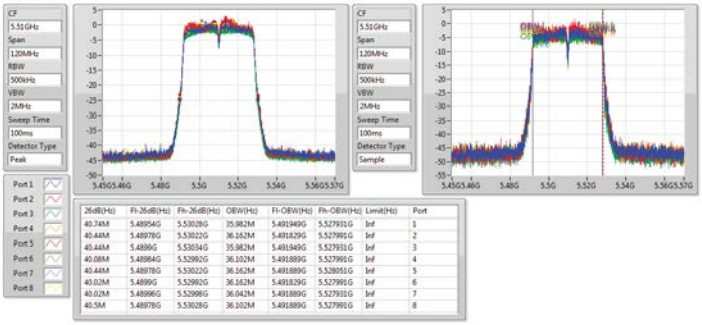
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5580MHz



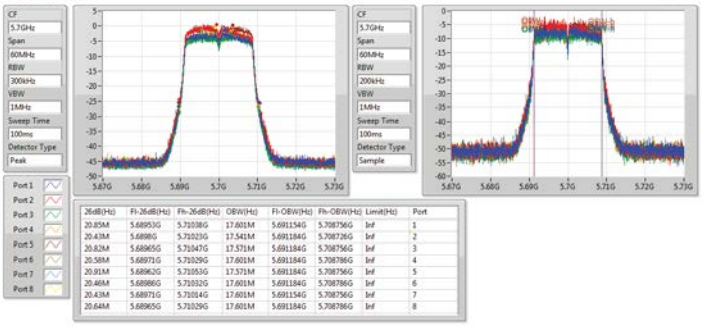
802.11ac VHT40_Nss1,(MCS0)_8TX EBW

5510MHz



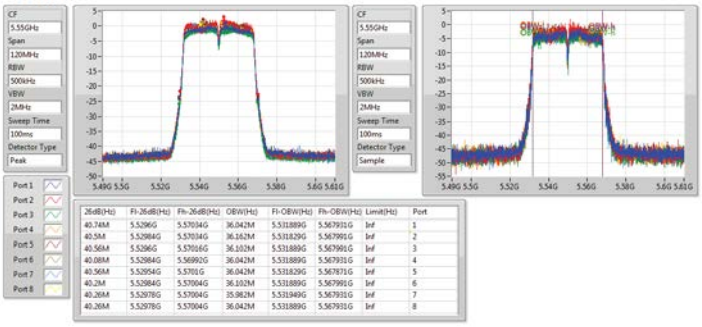
802.11ac VHT20_Nss1,(MCS0)_8TX EBW

5700MHz



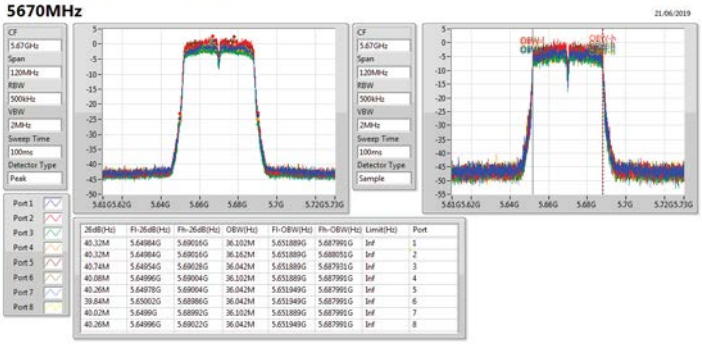
802.11ac VHT40_Nss1,(MCS0)_8TX EBW

5550MHz



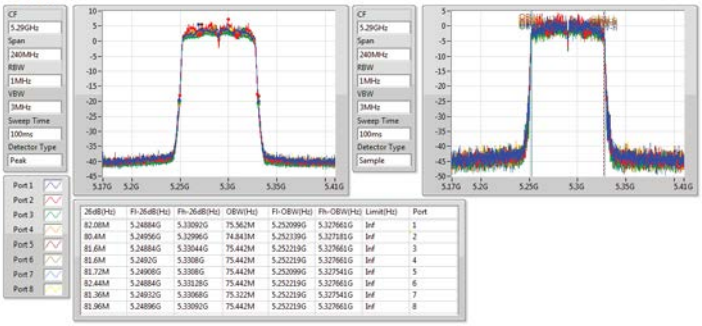
802.11ac VHT40_Nss1,(MCS0)_8TX EBW

5670MHz



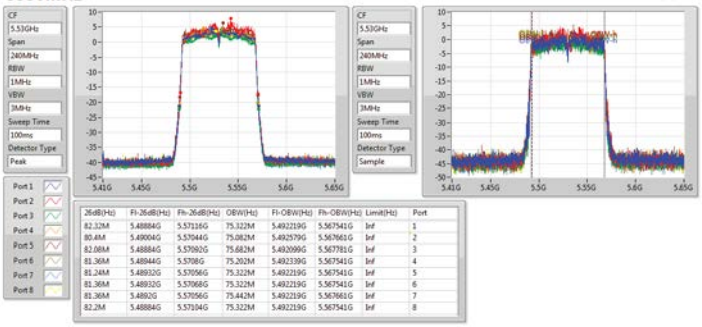
802.11ac VHT80_Nss1,(MCS0)_8TX EBW

5290MHz



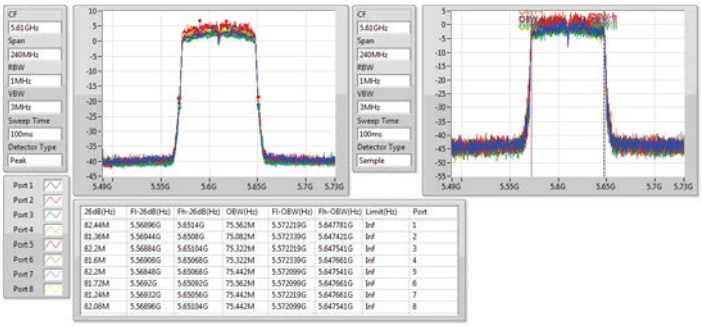
802.11ac VHT80_Nss1,(MCS0)_8TX EBW

5530MHz



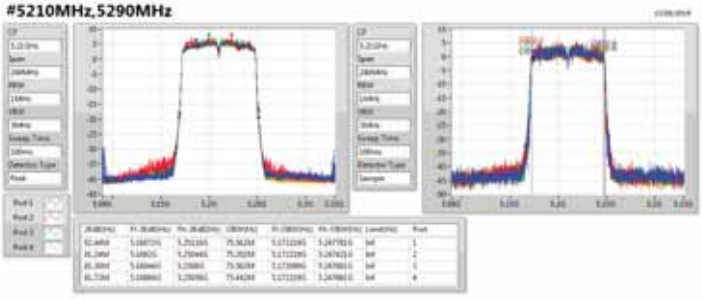
802.11ac VHT80_Nss1,(MCS0)_8TX EBW

5610MHz



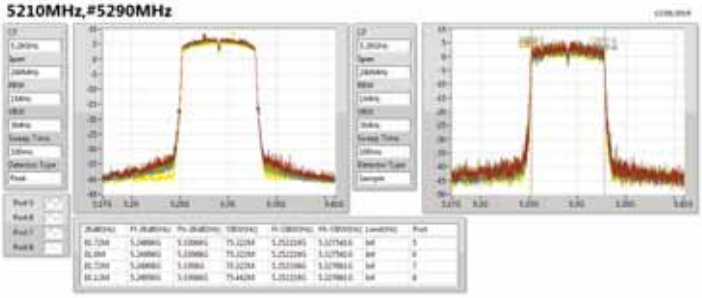
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4) EBW

#5210MHz,5290MHz



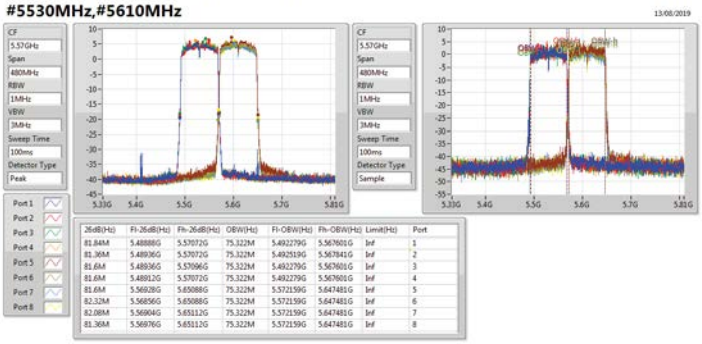
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8) EBW

5210MHz,#5290MHz



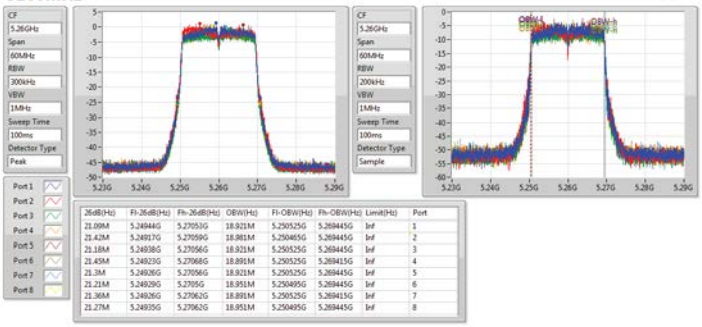
802.11ac VHT80+80_Nss1,(MCS0)_8TX EBW

#5530MHz,#5610MHz



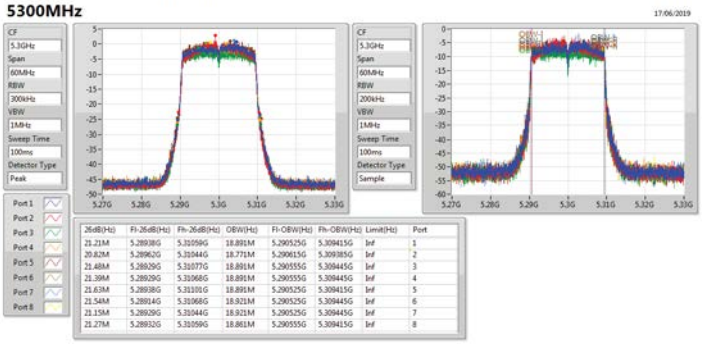
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5260MHz



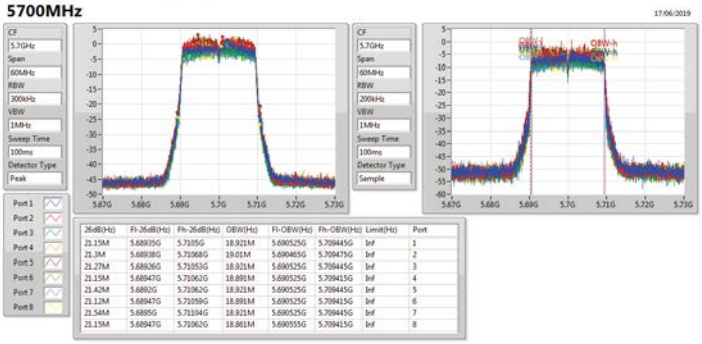
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5300MHz



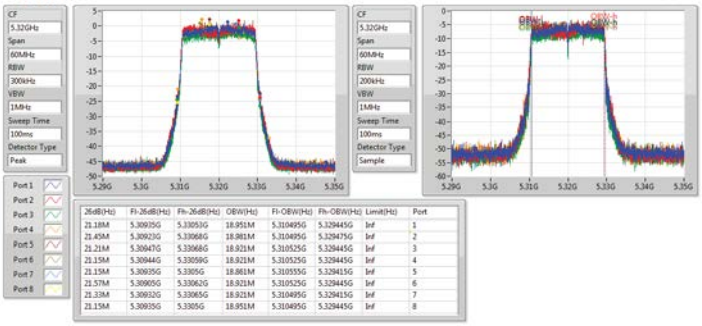
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5700MHz



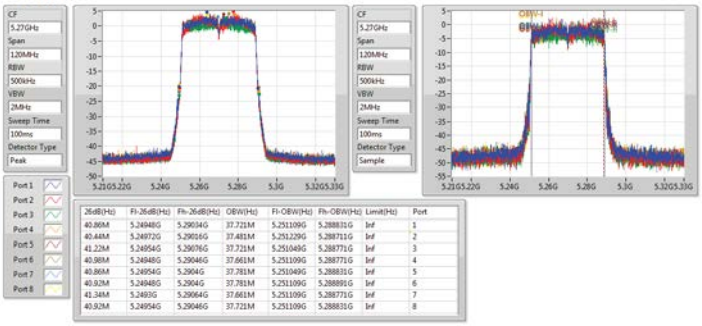
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5320MHz



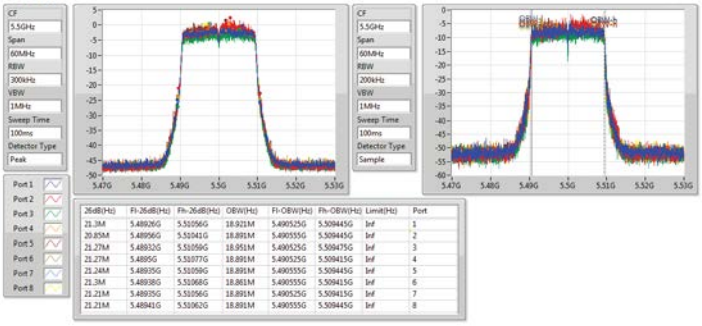
802.11ax HEW40_Nss1,(MCS0)_8TX EBW

5270MHz



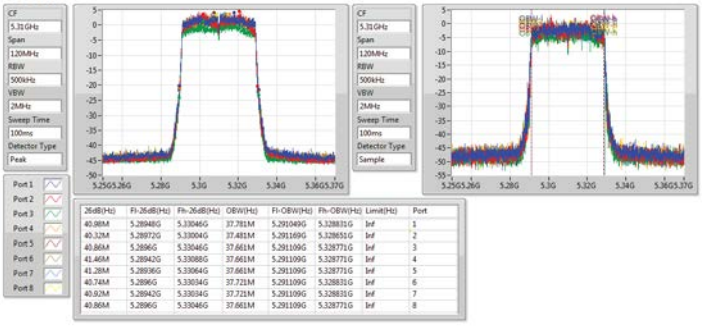
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5500MHz



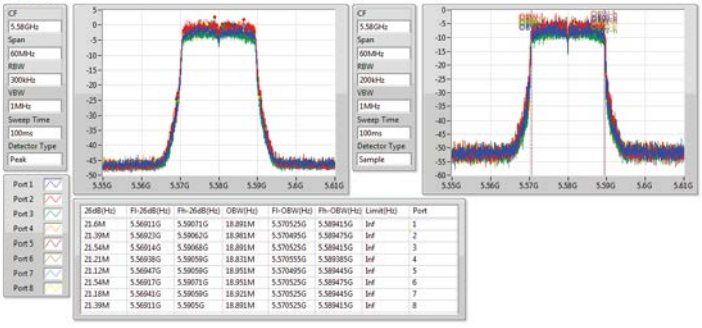
802.11ax HEW40_Nss1,(MCS0)_8TX EBW

5310MHz



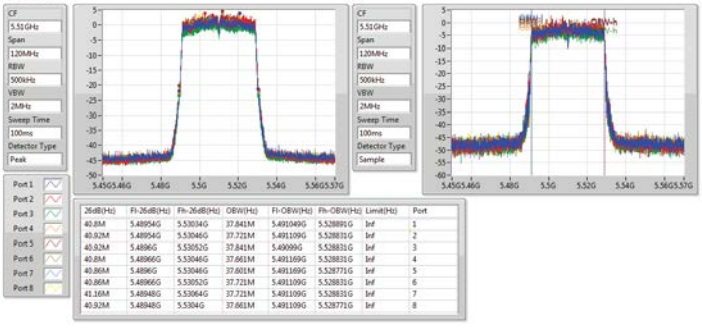
802.11ax HEW20_Nss1,(MCS0)_8TX EBW

5580MHz



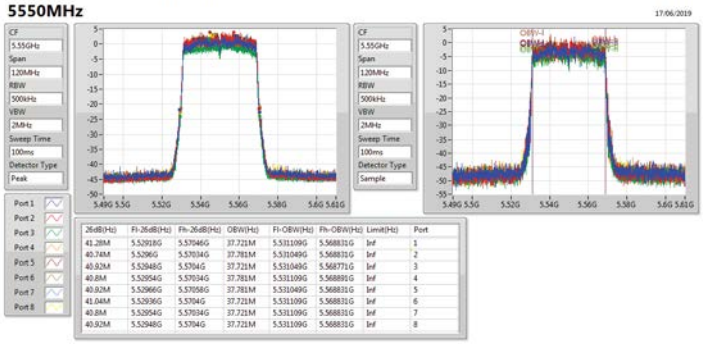
802.11ax HEW40_Nss1,(MCS0)_8TX EBW

5510MHz



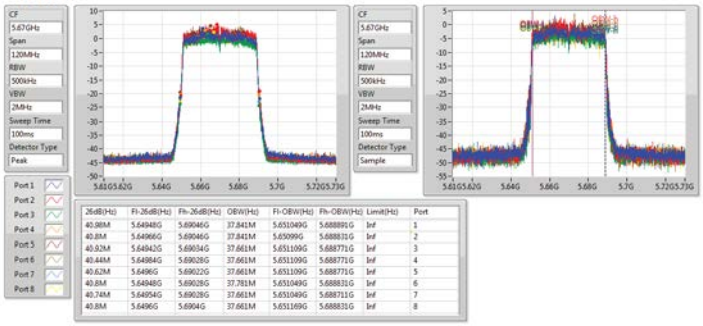
802.11ax HEW40_Nss1,(MCS0)_8TX EBW

5550MHz



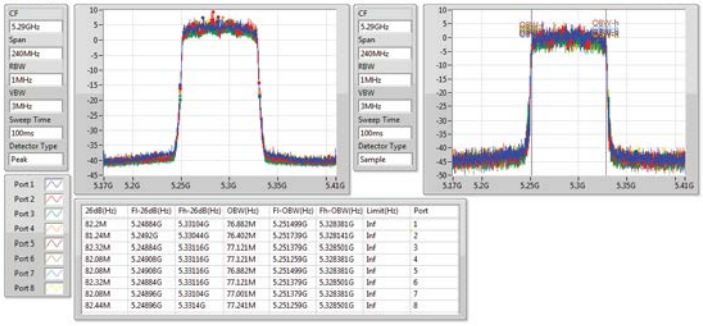
802.11ax HEW40_Nss1,(MCS0)_8TX EBW

5670MHz



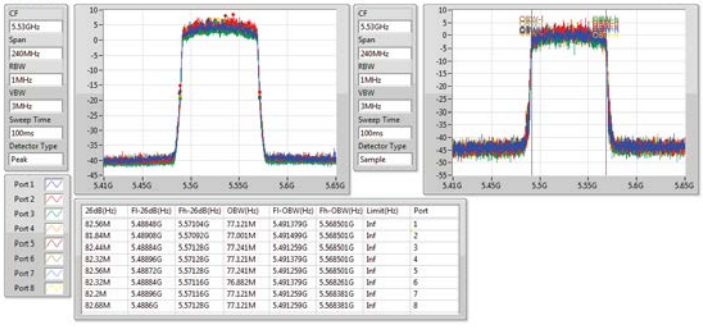
802.11ax HEW80_Nss1,(MCS0)_8TX EBW

5290MHz



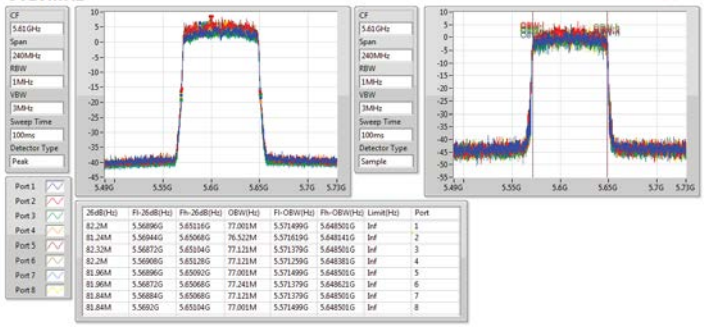
802.11ax HEW80_Nss1,(MCS0)_8TX EBW

5530MHz



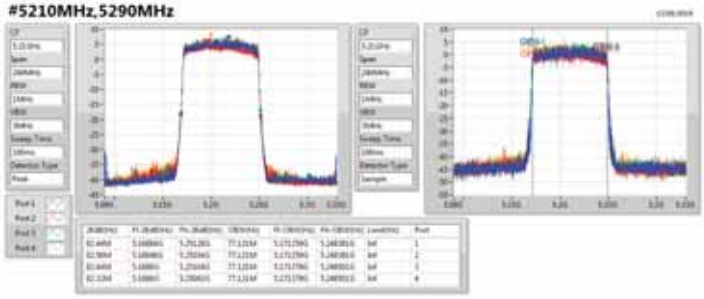
802.11ax HEW80_Nss1,(MCS0)_8TX EBW

5610MHz



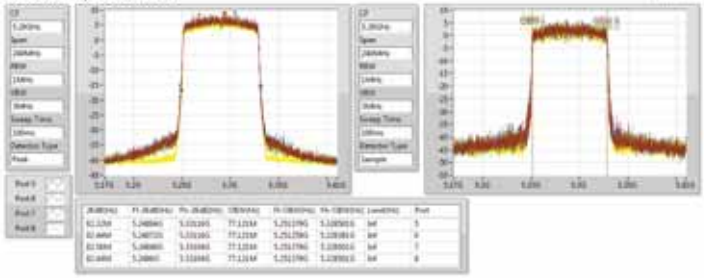
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4) EBW

#5210MHz,5290MHz



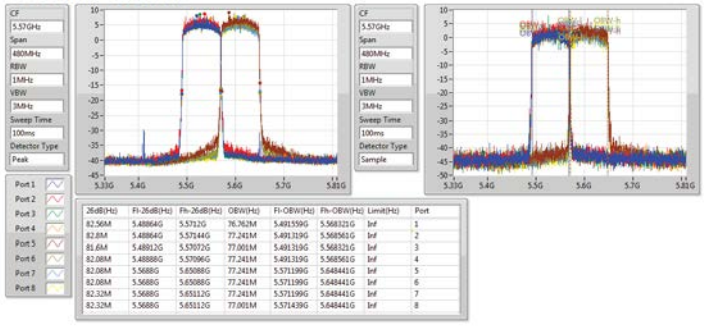
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8) EBW

5210MHz,#5290MHz



802.11ax HEW80+80_Nss1,(MCS0)_8TX EBW

#5530MHz,#5610MHz



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)_2TX	31.14M	16.642M	16M6D1D	24.45M	16.552M
802.11ac VHT20_Nss1,(MCS0)_2TX	30.6M	17.841M	17M8D1D	24.84M	17.751M
802.11ac VHT40_Nss1,(MCS0)_2TX	75.18M	36.702M	36M7D1D	44.94M	36.282M
802.11ac VHT80_Nss1,(MCS0)_2TX	90M	75.922M	75M9D1D	88.68M	75.682M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	28.68M	16.672M	16M7D1D	16.575M	13.358M
802.11ac VHT20_Nss1,(MCS0)_2TX	37.71M	17.931M	17M9D1D	16.005M	13.928M
802.11ac VHT40_Nss1,(MCS0)_2TX	75.84M	36.522M	36M5D1D	39.095M	33.058M
802.11ac VHT80_Nss1,(MCS0)_2TX	105.12M	76.162M	76M2D1D	80.175M	72.714M

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

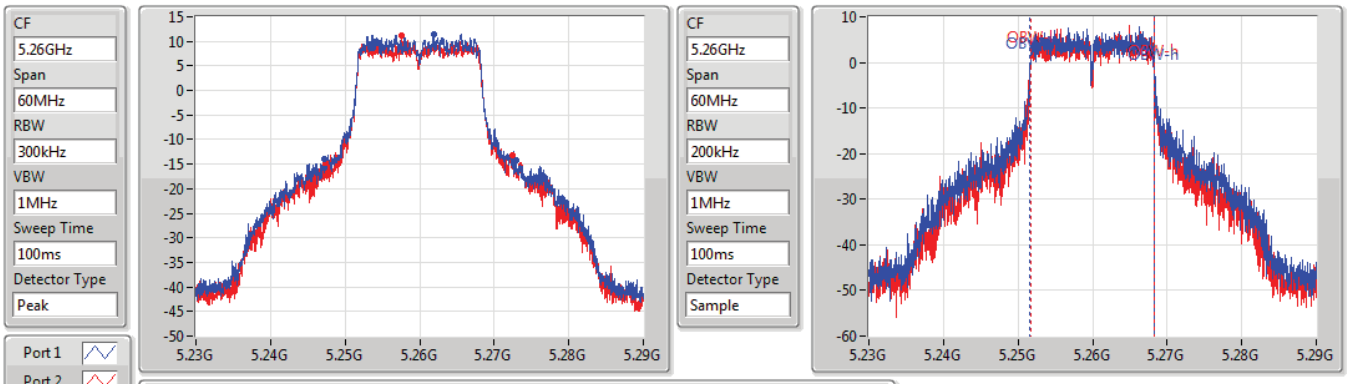
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	25.62M	16.642M	25.08M	16.552M
5300MHz_TnomVnom	Pass	Inf	28.62M	16.642M	24.48M	16.582M
5320MHz_TnomVnom	Pass	Inf	31.14M	16.612M	24.45M	16.552M
5500MHz_TnomVnom	Pass	Inf	23.58M	16.522M	25.05M	16.552M
5580MHz_TnomVnom	Pass	Inf	21.96M	16.522M	28.68M	16.672M
5700MHz_TnomVnom	Pass	Inf	21.51M	16.462M	25.65M	16.582M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	28.8M	17.811M	29.64M	17.841M
5300MHz_TnomVnom	Pass	Inf	30.6M	17.841M	24.84M	17.751M
5320MHz_TnomVnom	Pass	Inf	30.51M	17.811M	25.14M	17.751M
5500MHz_TnomVnom	Pass	Inf	25.17M	17.781M	25.89M	17.751M
5580MHz_TnomVnom	Pass	Inf	24.09M	17.751M	37.71M	17.931M
5700MHz_TnomVnom	Pass	Inf	23.01M	17.691M	24.75M	17.721M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	74.64M	36.642M	75.18M	36.702M
5310MHz_TnomVnom	Pass	Inf	44.94M	36.282M	46.56M	36.342M
5510MHz_TnomVnom	Pass	Inf	45.42M	36.282M	46.38M	36.282M
5550MHz_TnomVnom	Pass	Inf	65.1M	36.402M	75.84M	36.522M
5670MHz_TnomVnom	Pass	Inf	55.38M	36.342M	60.66M	36.342M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	88.68M	75.682M	90M	75.922M
5530MHz_TnomVnom	Pass	Inf	87.12M	75.802M	88.56M	75.922M
5610MHz_TnomVnom	Pass	Inf	95.04M	75.922M	105.12M	76.162M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

23/06/2019

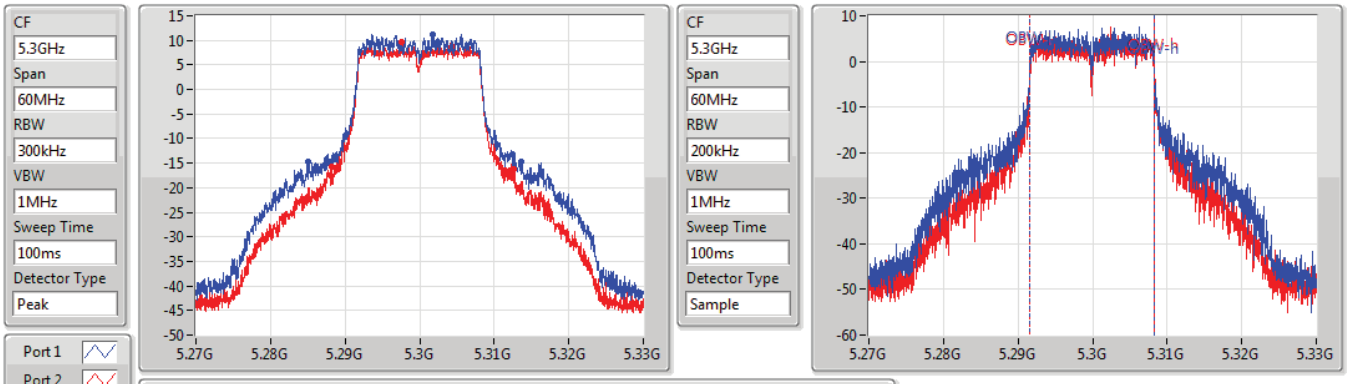


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.62M	5.24725G	5.27287G	16.642M	5.251604G	5.268246G	Inf	1
25.08M	5.24734G	5.27242G	16.552M	5.251664G	5.268216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

23/06/2019

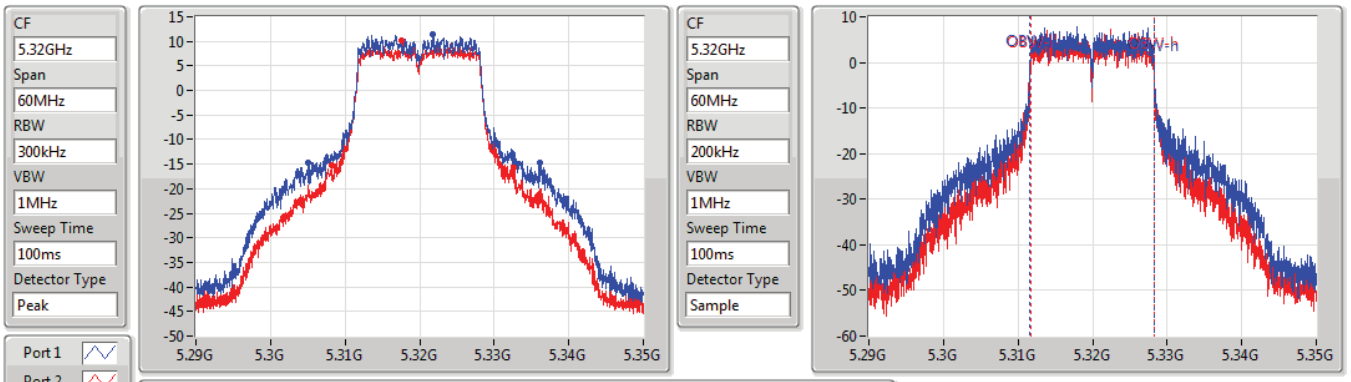


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.62M	5.28506G	5.31368G	16.642M	5.291604G	5.308246G	Inf	1
24.48M	5.28818G	5.31266G	16.582M	5.291634G	5.308216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

23/06/2019

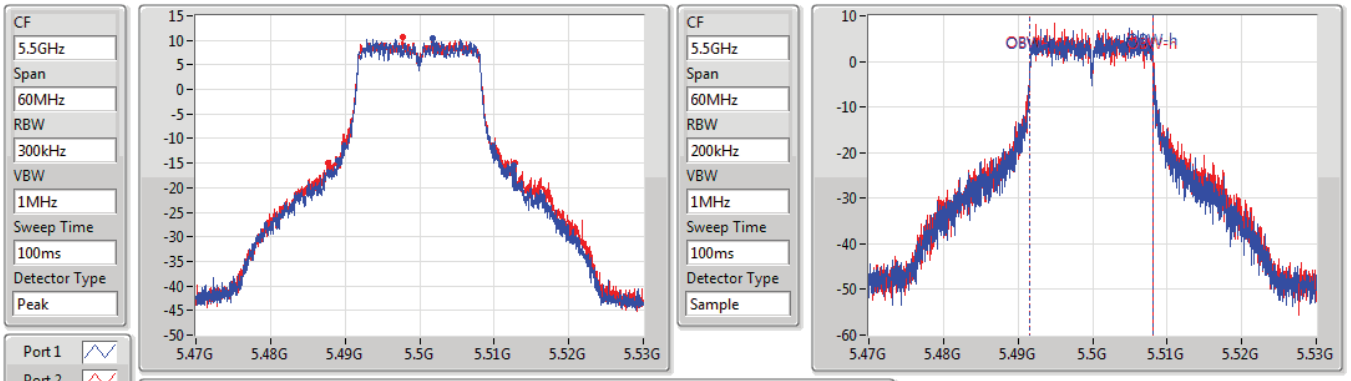


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.14M	5.305G	5.33614G	16.612M	5.311634G	5.328246G	Inf	1
24.45M	5.30821G	5.33266G	16.552M	5.311664G	5.328216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

23/06/2019

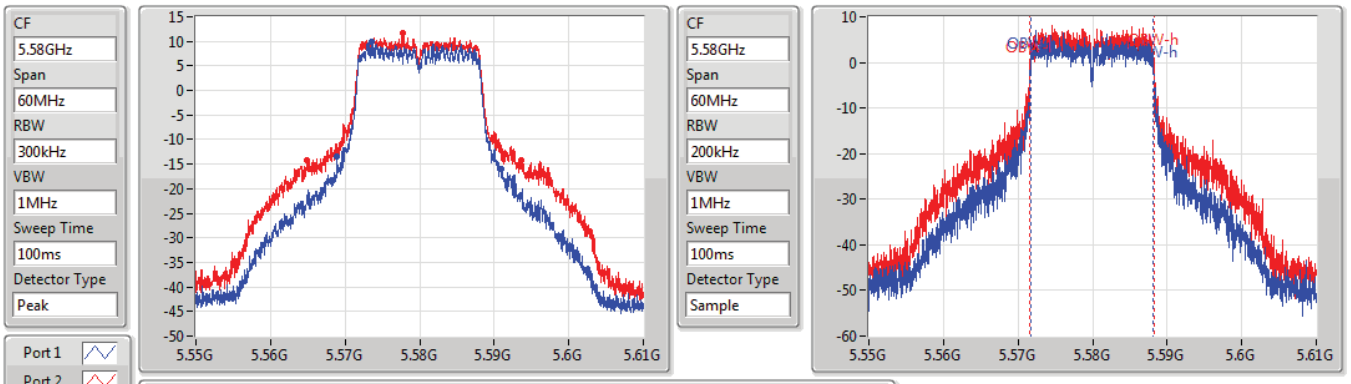


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.58M	5.48899G	5.51257G	16.522M	5.491634G	5.508156G	Inf	1
25.05M	5.48767G	5.51272G	16.552M	5.491634G	5.508186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

23/06/2019

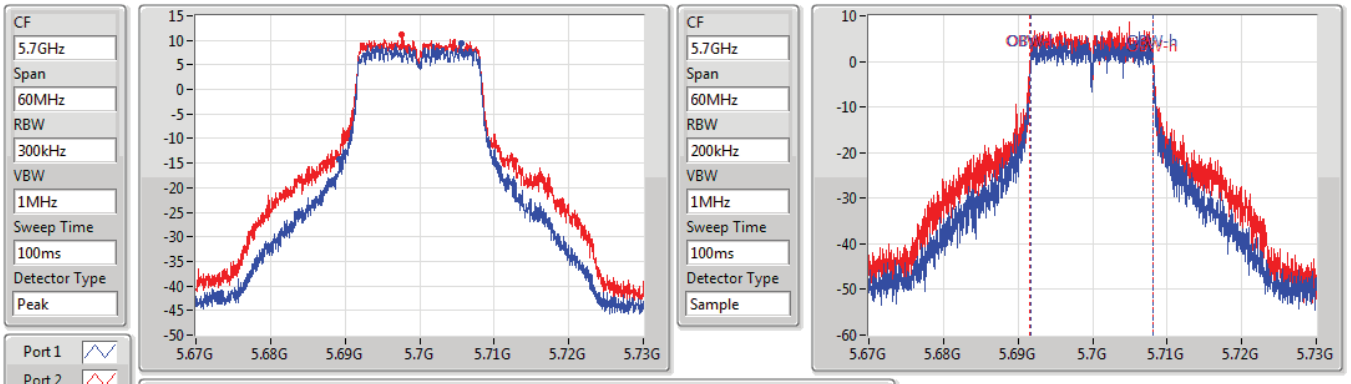


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.56896G	5.59092G	16.522M	5.571664G	5.588186G	Inf	1
28.68M	5.56494G	5.59362G	16.672M	5.571544G	5.588216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

23/06/2019

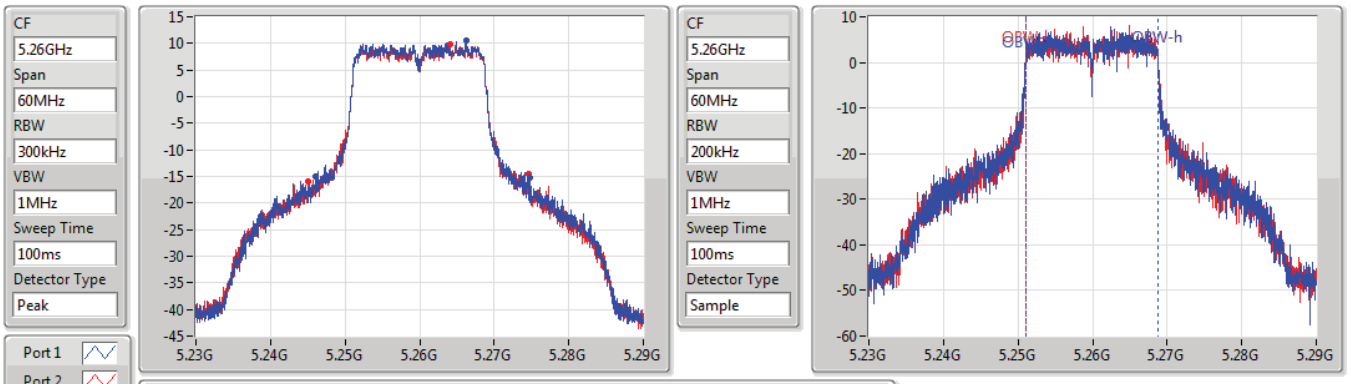


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68917G	5.71068G	16.462M	5.691664G	5.708126G	Inf	1
25.65M	5.68716G	5.71281G	16.582M	5.691604G	5.708186G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

23/06/2019

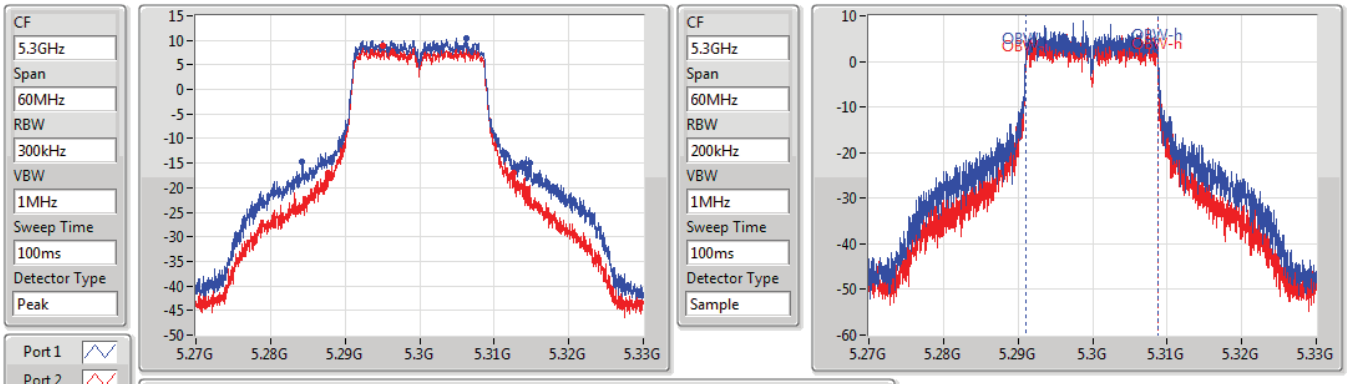


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.8M	5.24602G	5.27482G	17.811M	5.251004G	5.268816G	Inf	1
29.64M	5.245G	5.27464G	17.841M	5.251004G	5.268846G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

23/06/2019

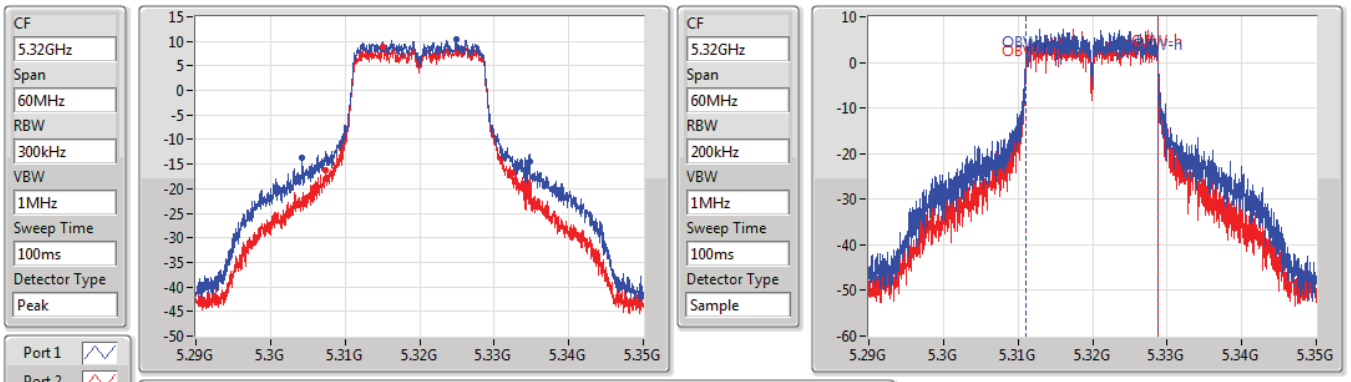


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.6M	5.28425G	5.31485G	17.841M	5.291004G	5.308846G	Inf	1
24.84M	5.2877G	5.31254G	17.751M	5.291034G	5.308786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

23/06/2019

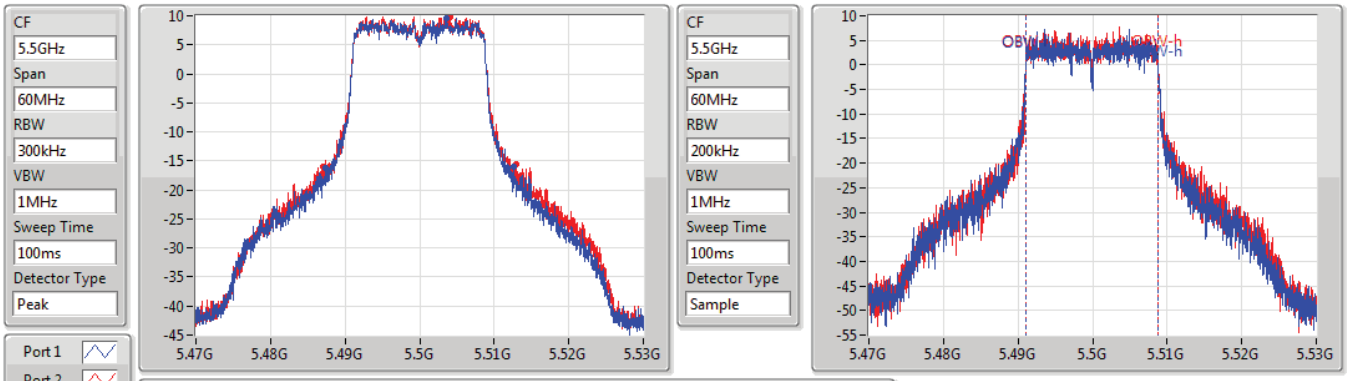


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.51M	5.30428G	5.33479G	17.811M	5.311004G	5.328816G	Inf	1
25.14M	5.30731G	5.33245G	17.751M	5.311034G	5.328786G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

23/06/2019

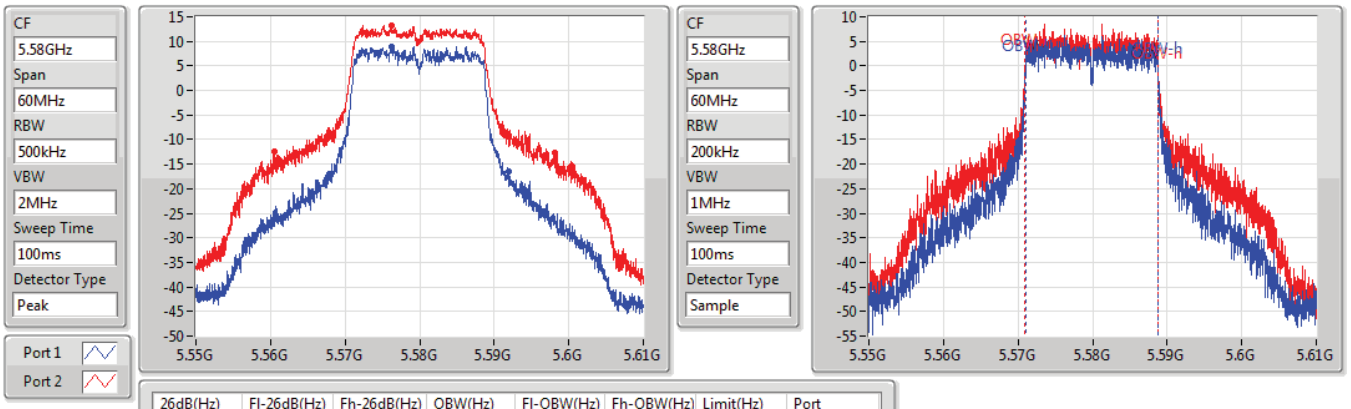


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.17M	5.48737G	5.51254G	17.781M	5.491034G	5.508816G	Inf	1
25.89M	5.48704G	5.51293G	17.751M	5.491064G	5.508816G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

23/06/2019

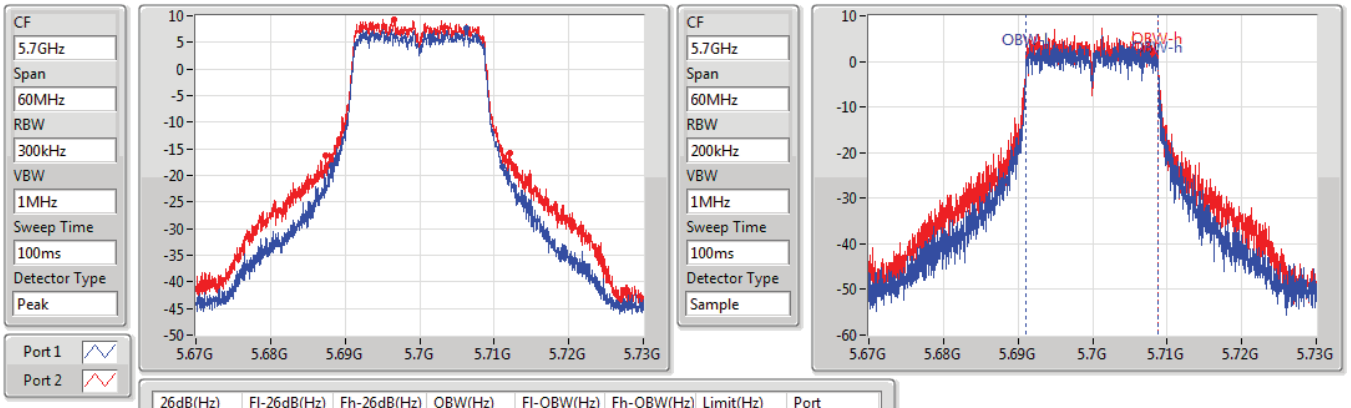


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.09M	5.56791G	5.592G	17.751M	5.571034G	5.588786G	Inf	1
37.71M	5.5605G	5.59821G	17.931M	5.570915G	5.588846G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

23/06/2019

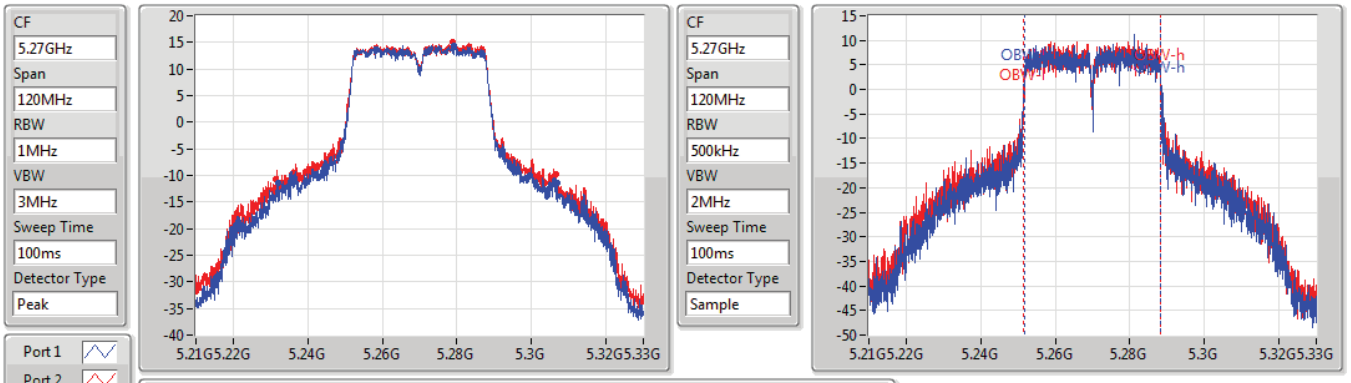


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.01M	5.68815G	5.71116G	17.691M	5.691094G	5.708786G	Inf	1
24.75M	5.68743G	5.71218G	17.721M	5.691064G	5.708786G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

23/06/2019

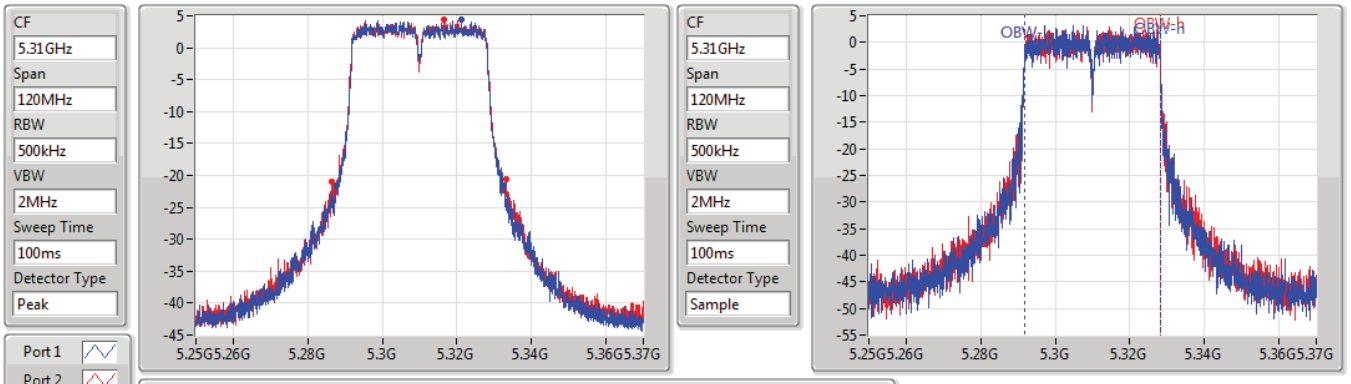


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.64M	5.23214G	5.30678G	36.642M	5.251649G	5.288291G	Inf	1
75.18M	5.23148G	5.30666G	36.702M	5.251589G	5.288291G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

23/06/2019

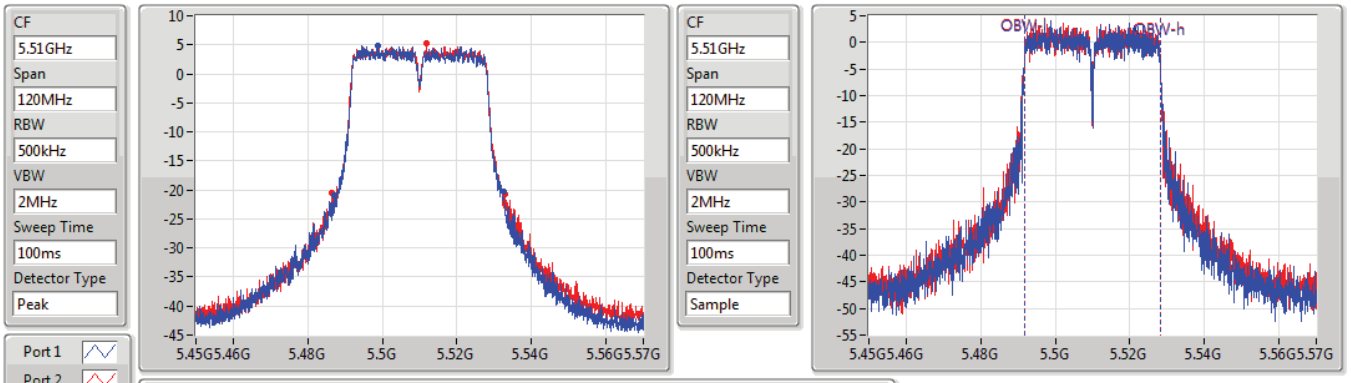


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.94M	5.28762G	5.33256G	36.282M	5.291769G	5.328051G	Inf	1
46.56M	5.28654G	5.3331G	36.342M	5.291769G	5.328111G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

23/06/2019

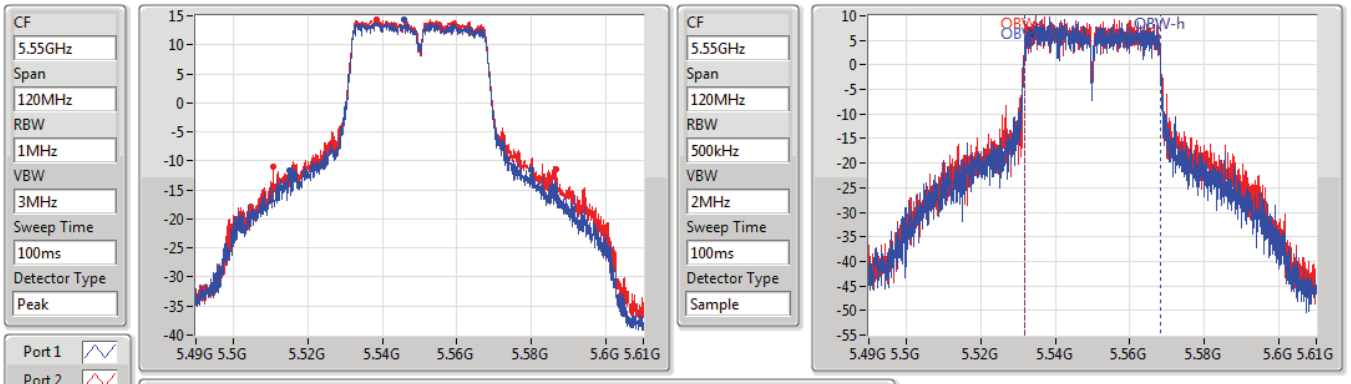


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.42M	5.48714G	5.53256G	36.282M	5.491769G	5.528051G	Inf	1
46.38M	5.48642G	5.5328G	36.282M	5.491769G	5.528051G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

23/06/2019

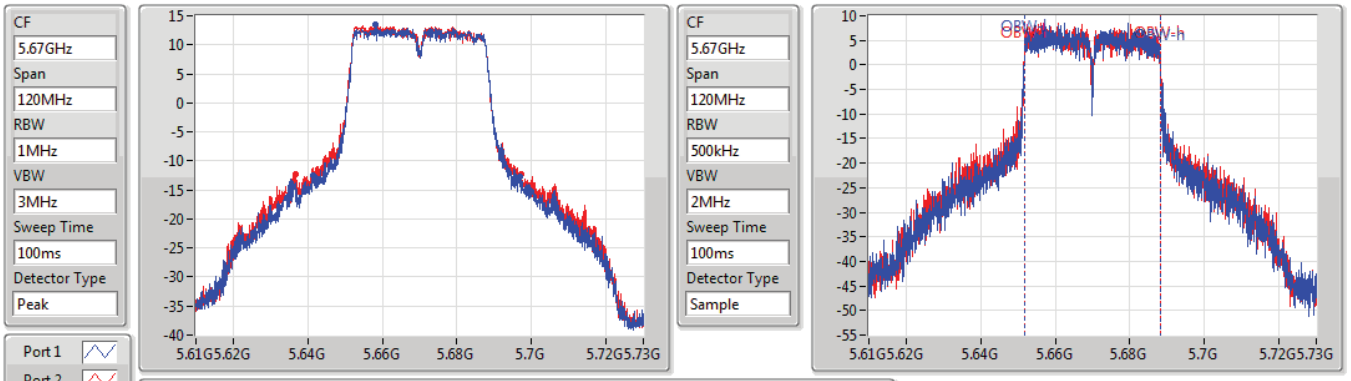


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.1M	5.51496G	5.58006G	36.402M	5.531649G	5.568051G	Inf	1
75.84M	5.51064G	5.58648G	36.522M	5.531649G	5.568171G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5670MHz

23/06/2019

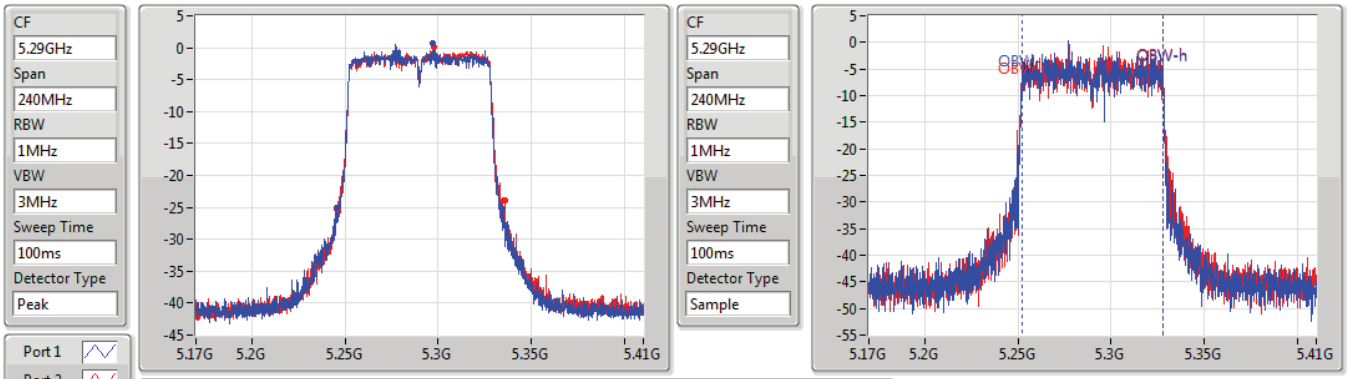


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
55.38M	5.64138G	5.69676G	36.342M	5.651709G	5.688051G	Inf	1
60.66M	5.63658G	5.69724G	36.342M	5.651709G	5.688051G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

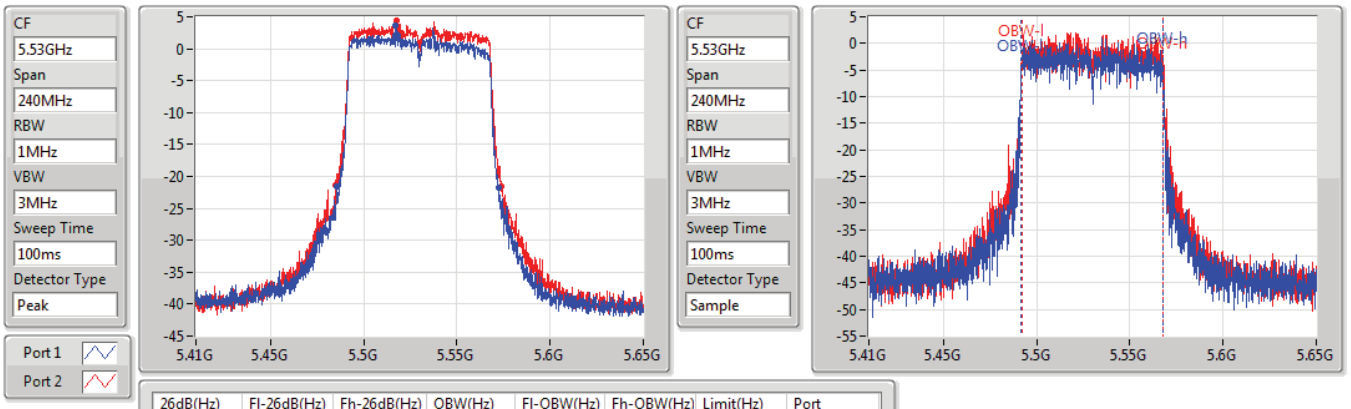
23/06/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
88.68M	5.24584G	5.33452G	75.682M	5.251979G	5.327661G	Inf	1
90M	5.2456G	5.3356G	75.922M	5.251979G	5.327901G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

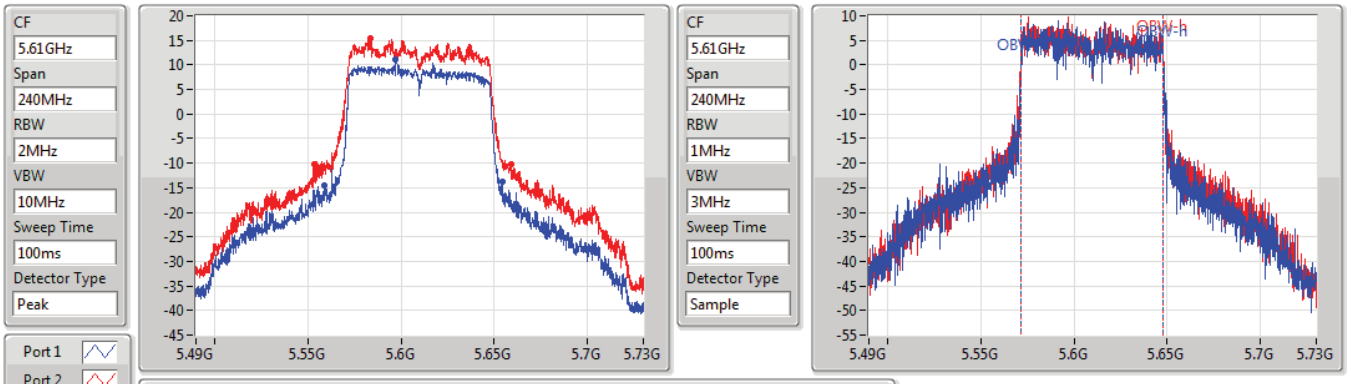
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.12M	5.48536G	5.57248G	75.802M	5.491859G	5.567661G	Inf	1
88.56M	5.48512G	5.57368G	75.922M	5.491979G	5.567901G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
95.04M	5.55912G	5.65416G	75.922M	5.571859G	5.647781G	Inf	1
105.12M	5.55372G	5.65884G	76.162M	5.571739G	5.647901G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.70	0.07413	23.70	0.23442
802.11ac VHT20_Nss1,(MCS0)_4TX	18.54	0.07145	23.54	0.22594
802.11ac VHT40_Nss1,(MCS0)_4TX	21.50	0.14125	26.50	0.44668
802.11ac VHT80_Nss1,(MCS0)_4TX	21.67	0.14689	26.67	0.46452
802.11ax HEW20_Nss1,(MCS0)_4TX	18.86	0.07691	23.86	0.24322
802.11ax HEW40_Nss1,(MCS0)_4TX	21.75	0.14962	26.75	0.47315
802.11ax HEW80_Nss1,(MCS0)_4TX	22.04	0.15996	27.04	0.50582
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.68	0.07379	23.68	0.23335
802.11ac VHT20_Nss1,(MCS0)_4TX	18.75	0.07499	23.75	0.23714
802.11ac VHT40_Nss1,(MCS0)_4TX	21.36	0.13677	26.36	0.43251
802.11ac VHT80_Nss1,(MCS0)_4TX	22.90	0.19498	27.90	0.61660
802.11ax HEW20_Nss1,(MCS0)_4TX	19.03	0.07998	24.03	0.25293
802.11ax HEW40_Nss1,(MCS0)_4TX	21.60	0.14454	26.60	0.45709
802.11ax HEW80_Nss1,(MCS0)_4TX	23.26	0.21184	28.26	0.66988

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	13.25	12.37	12.30	12.42	18.62	23.81	23.62	29.81
5300MHz	Pass	5.00	13.24	12.14	11.90	11.90	18.35	23.79	23.35	29.79
5320MHz	Pass	5.00	13.33	12.74	12.20	12.36	18.70	23.83	23.70	29.83
5500MHz	Pass	5.00	13.26	12.09	11.77	12.05	18.35	23.78	23.35	29.78
5580MHz	Pass	5.00	14.12	12.31	11.74	12.04	18.68	23.78	23.68	29.78
5700MHz	Pass	5.00	13.85	11.69	11.51	11.53	18.29	23.80	23.29	29.80
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	13.02	12.24	12.31	12.11	18.46	24.00	23.46	30.00
5300MHz	Pass	5.00	13.47	12.30	12.12	12.01	18.54	24.00	23.54	30.00
5320MHz	Pass	5.00	13.20	12.39	11.95	12.31	18.51	24.00	23.51	30.00
5500MHz	Pass	5.00	13.59	12.46	12.17	12.57	18.75	24.00	23.75	30.00
5580MHz	Pass	5.00	13.91	12.05	11.78	11.73	18.49	24.00	23.49	30.00
5700MHz	Pass	5.00	14.27	12.08	12.07	11.87	18.71	24.00	23.71	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	16.13	15.39	14.96	15.34	21.50	24.00	26.50	30.00
5310MHz	Pass	5.00	15.94	15.19	14.75	14.81	21.22	24.00	26.22	30.00
5510MHz	Pass	5.00	16.27	15.15	14.66	15.13	21.36	24.00	26.36	30.00
5550MHz	Pass	5.00	16.26	14.92	14.22	14.49	21.07	24.00	26.07	30.00
5670MHz	Pass	5.00	16.15	14.67	14.52	14.32	21.00	24.00	26.00	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	16.38	15.45	15.24	15.45	21.67	24.00	26.67	30.00
5530MHz	Pass	5.00	17.17	15.92	15.10	15.63	22.04	24.00	27.04	30.00
5610MHz	Pass	5.00	18.65	16.28	15.82	16.14	22.90	24.00	27.90	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	13.36	12.55	12.38	12.66	18.77	24.00	23.77	30.00
5300MHz	Pass	5.00	13.72	12.52	12.34	12.62	18.86	24.00	23.86	30.00
5320MHz	Pass	5.00	13.61	12.77	12.37	12.33	18.82	24.00	23.82	30.00
5500MHz	Pass	5.00	13.79	12.89	12.55	12.70	19.03	24.00	24.03	30.00
5580MHz	Pass	5.00	14.41	12.50	11.95	12.00	18.86	24.00	23.86	30.00
5700MHz	Pass	5.00	14.71	12.25	12.26	12.19	19.02	24.00	24.02	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	16.47	15.42	15.23	15.68	21.75	24.00	26.75	30.00
5310MHz	Pass	5.00	16.06	15.30	15.00	15.14	21.42	24.00	26.42	30.00
5510MHz	Pass	5.00	16.39	15.39	14.89	15.33	21.56	24.00	26.56	30.00
5550MHz	Pass	5.00	16.86	15.06	14.97	15.12	21.60	24.00	26.60	30.00
5670MHz	Pass	5.00	16.18	14.83	14.40	14.56	21.07	24.00	26.07	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	16.73	15.75	15.70	15.80	22.04	24.00	27.04	30.00
5530MHz	Pass	5.00	17.71	16.34	15.46	16.07	22.50	24.00	27.50	30.00
5610MHz	Pass	5.00	18.87	16.76	16.15	16.62	23.26	24.00	28.26	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.52	0.01786	23.54	0.22594
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	15.48	0.03532	26.50	0.44668
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	15.65	0.03673	26.67	0.46452
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.84	0.01923	23.86	0.24322
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.73	0.03741	26.75	0.47315
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.02	0.03999	27.04	0.50582
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.73	0.01875	23.75	0.23714
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	15.34	0.03420	26.36	0.43251
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	16.88	0.04875	27.90	0.61660
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.01	0.02000	24.03	0.25293
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.58	0.03614	26.60	0.45709
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.24	0.05297	28.26	0.66988

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.02	7	6.22	6.29	6.09	12.44	18.98	23.46	30.00
5300MHz_TnomVnom	Pass	11.02	7.45	6.28	6.1	5.99	12.52	18.98	23.54	30.00
5320MHz_TnomVnom	Pass	11.02	7.18	6.37	5.93	6.29	12.49	18.98	23.51	30.00
5500MHz_TnomVnom	Pass	11.02	7.57	6.44	6.15	6.55	12.73	18.98	23.75	30.00
5580MHz_TnomVnom	Pass	11.02	7.89	6.03	5.76	5.71	12.47	18.98	23.49	30.00
5700MHz_TnomVnom	Pass	11.02	8.25	6.06	6.05	5.85	12.69	18.98	23.71	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	11.02	10.11	9.37	8.94	9.32	15.48	18.98	26.50	30.00
5310MHz_TnomVnom	Pass	11.02	9.92	9.17	8.73	8.79	15.20	18.98	26.22	30.00
5510MHz_TnomVnom	Pass	11.02	10.25	9.13	8.64	9.11	15.34	18.98	26.36	30.00
5550MHz_TnomVnom	Pass	11.02	10.24	8.9	8.2	8.47	15.05	18.98	26.07	30.00
5670MHz_TnomVnom	Pass	11.02	10.13	8.65	8.50	8.30	14.98	18.98	26.00	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	11.02	10.36	9.43	9.22	9.43	15.65	18.98	26.67	30.00
5530MHz_TnomVnom	Pass	11.02	11.15	9.9	9.08	9.61	16.02	18.98	27.04	30.00
5610MHz_TnomVnom	Pass	11.02	12.63	10.26	9.8	10.12	16.88	18.98	27.90	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.02	7.34	6.53	6.36	6.64	12.75	18.98	23.77	30.00
5300MHz_TnomVnom	Pass	11.02	7.7	6.5	6.32	6.6	12.84	18.98	23.86	30.00
5320MHz_TnomVnom	Pass	11.02	7.59	6.75	6.35	6.31	12.80	18.98	23.82	30.00
5500MHz_TnomVnom	Pass	11.02	7.77	6.87	6.53	6.68	13.01	18.98	24.03	30.00
5580MHz_TnomVnom	Pass	11.02	8.39	6.48	5.93	5.98	12.84	18.98	23.86	30.00
5700MHz_TnomVnom	Pass	11.02	8.69	6.23	6.24	6.17	13.00	18.98	24.02	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	11.02	10.45	9.4	9.21	9.66	15.73	18.98	26.75	30.00
5310MHz_TnomVnom	Pass	11.02	10.04	9.28	8.98	9.12	15.40	18.98	26.42	30.00
5510MHz_TnomVnom	Pass	11.02	10.37	9.37	8.87	9.31	15.54	18.98	26.56	30.00
5550MHz_TnomVnom	Pass	11.02	10.84	9.04	8.95	9.1	15.58	18.98	26.60	30.00
5670MHz_TnomVnom	Pass	11.02	10.16	8.81	8.38	8.54	15.05	18.98	26.07	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	11.02	10.71	9.73	9.68	9.78	16.02	18.98	27.04	30.00
5530MHz_TnomVnom	Pass	11.02	11.69	10.32	9.44	10.05	16.48	18.98	27.50	30.00
5610MHz_TnomVnom	Pass	11.02	12.85	10.74	10.13	10.6	17.24	18.98	28.26	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	20.72	0.11803	25.72	0.37325
802.11ax HEW80+80_Nss1,(MCS0)_4TX	20.78	0.11967	25.78	0.37844
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	15.48	0.03532	23.48	0.22284
802.11ac VHT20_Nss1,(MCS0)_8TX	15.44	0.03499	23.44	0.22080
802.11ac VHT40_Nss1,(MCS0)_8TX	18.40	0.06918	23.40	0.21878
802.11ac VHT80_Nss1,(MCS0)_8TX	21.39	0.13772	26.39	0.43551
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	21.72	0.14859	26.72	0.46989
802.11ax HEW20_Nss1,(MCS0)_8TX	16.31	0.04276	24.31	0.26977
802.11ax HEW40_Nss1,(MCS0)_8TX	19.54	0.08995	24.54	0.28445
802.11ax HEW80_Nss1,(MCS0)_8TX	21.49	0.14093	26.49	0.44566
802.11ax HEW80+80_Nss1,(MCS0)_4TX	21.77	0.15031	26.77	0.47534
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_8TX	15.85	0.03846	23.85	0.24266
802.11ac VHT20_Nss1,(MCS0)_8TX	15.85	0.03846	23.85	0.24266
802.11ac VHT40_Nss1,(MCS0)_8TX	18.48	0.07047	23.48	0.22284
802.11ac VHT80_Nss1,(MCS0)_8TX	21.35	0.13646	26.35	0.43152
802.11ac VHT80+80_Nss1,(MCS0)_8TX	23.56	0.22699	28.56	0.71779
802.11ax HEW20_Nss1,(MCS0)_8TX	16.19	0.04159	24.19	0.26242
802.11ax HEW40_Nss1,(MCS0)_8TX	19.23	0.08375	24.23	0.26485
802.11ax HEW80_Nss1,(MCS0)_8TX	21.69	0.14757	26.69	0.46666
802.11ax HEW80+80_Nss1,(MCS0)_8TX	23.63	0.23067	28.63	0.72946

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	6.31	6.38	6.65	5.57	6.12	5.98	6.52	5.88	15.22	21.76	23.22	29.76
5300MHz	Pass	8.00	6.26	6.44	6.11	6.14	6.85	6.25	7.27	6.14	15.48	21.77	23.48	29.77
5320MHz	Pass	8.00	5.72	6.25	6.49	6.18	6.53	6.01	6.50	6.04	15.25	21.78	23.25	29.78
5500MHz	Pass	8.00	6.30	7.11	6.39	5.75	7.51	6.60	6.50	6.70	15.67	21.74	23.67	29.74
5580MHz	Pass	8.00	5.88	8.24	6.11	6.05	7.99	6.59	6.89	6.06	15.85	21.75	23.85	29.75
5700MHz	Pass	8.00	5.91	7.52	5.89	5.46	8.35	6.06	6.21	6.24	15.59	21.76	23.59	29.76
802.11ac VHT20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	7.22	6.57	4.63	6.16	6.39	6.06	5.93	5.82	15.18	21.92	23.18	29.92
5300MHz	Pass	8.00	6.85	6.28	4.32	6.33	6.95	5.58	6.23	6.44	15.22	21.87	23.22	29.87
5320MHz	Pass	8.00	6.76	6.47	5.13	6.52	6.89	6.26	6.49	6.56	15.44	21.87	23.44	29.87
5500MHz	Pass	8.00	6.81	7.71	5.66	6.23	7.44	6.21	6.16	6.42	15.66	22.00	23.66	30.00
5580MHz	Pass	8.00	6.21	7.51	5.93	5.84	8.00	6.25	5.53	5.73	15.49	21.99	23.49	29.99
5700MHz	Pass	8.00	6.38	8.22	5.32	6.31	8.56	5.97	6.19	6.56	15.85	22.00	23.85	30.00
802.11ac VHT40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	10.17	10.21	8.69	9.16	9.66	8.94	8.84	9.02	18.40	24.00	23.40	30.00
5310MHz	Pass	5.00	9.44	9.60	8.05	9.35	10.16	9.00	8.73	9.07	18.25	24.00	23.25	30.00
5510MHz	Pass	5.00	9.31	10.10	8.13	8.74	10.05	8.87	8.45	9.09	18.17	24.00	23.17	30.00
5550MHz	Pass	5.00	9.42	10.45	8.58	9.24	10.59	8.98	8.62	9.20	18.48	24.00	23.48	30.00
5670MHz	Pass	5.00	9.04	10.41	7.83	8.06	10.76	8.91	8.73	9.10	18.24	24.00	23.24	30.00
802.11ac VHT80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	12.70	13.02	11.44	12.17	13.15	12.00	11.97	12.18	21.39	24.00	26.39	30.00
5530MHz	Pass	5.00	12.24	13.52	11.03	11.82	13.34	11.78	11.67	11.95	21.28	24.00	26.28	30.00
5610MHz	Pass	5.00	12.10	13.60	11.11	11.88	14.04	11.67	11.37	11.86	21.35	24.00	26.35	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.00	14.71	15.02	14.75	14.29					20.72	30.00	25.72	36.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	5.00					16.10	15.96	15.65	15.02	21.72	24.00	26.72	30.00
802.11ac VHT80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.00	14.43	14.52	14.59	14.18	15.62	14.70	14.09	13.86	23.56	24.00	28.56	30.00
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	7.17	7.37	5.89	6.55	7.04	6.84	6.54	6.44	15.78	22.00	23.78	30.00
5300MHz	Pass	8.00	7.22	7.22	5.23	6.39	7.59	6.70	6.97	6.90	15.86	22.00	23.86	30.00
5320MHz	Pass	8.00	7.80	7.93	5.87	7.05	7.78	7.32	7.18	6.99	16.31	22.00	24.31	30.00
5500MHz	Pass	8.00	6.56	7.56	5.38	6.56	7.39	6.51	6.71	6.63	15.74	22.00	23.74	30.00
5580MHz	Pass	8.00	6.85	8.66	5.80	6.62	8.75	7.49	6.34	5.59	16.19	22.00	24.19	30.00
5700MHz	Pass	8.00	6.36	8.42	6.11	6.07	8.82	6.39	7.31	6.75	16.18	22.00	24.18	30.00
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	11.01	10.77	9.58	10.31	10.91	10.42	10.39	10.52	19.54	24.00	24.54	30.00
5310MHz	Pass	5.00	11.07	10.67	8.62	10.49	11.17	10.56	10.33	10.47	19.51	24.00	24.51	30.00
5510MHz	Pass	5.00	10.19	10.60	8.93	9.91	11.46	10.15	9.84	10.06	19.23	24.00	24.23	30.00
5550MHz	Pass	5.00	10.12	10.65	8.57	9.47	11.35	9.96	9.39	9.66	19.00	24.00	24.00	30.00
5670MHz	Pass	5.00	10.24	11.35	8.90	9.44	11.69	9.93	9.59	9.51	19.21	24.00	24.21	30.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	12.98	12.86	11.38	12.57	13.09	12.18	12.07	12.29	21.49	24.00	26.49	30.00
5530MHz	Pass	5.00	12.79	13.88	11.62	12.30	13.79	12.14	11.76	12.35	21.69	24.00	26.69	30.00
5610MHz	Pass	5.00	11.98	13.35	11.55	12.02	14.14	11.95	11.43	12.02	21.43	24.00	26.43	30.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.00	14.93	13.98	15.03	15.00					20.78	30.00	25.78	36.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	5.00					16.02	16.01	15.95	14.91	21.77	24.00	26.77	30.00
802.11ax HEW80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.00	14.30	15.45	14.28	14.35	15.55	14.73	13.80	14.03	23.63	24.00	28.63	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80-BF _Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	11.69	0.01476	25.72	0.37325
802.11ax HEW80+80-BF _Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	11.75	0.01496	25.78	0.37844
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_8TX	9.41	0.00873	23.44	0.22080
802.11ac VHT40-BF_Nss1,(MCS0)_8TX	9.37	0.00865	23.40	0.21878
802.11ac VHT80-BF_Nss1,(MCS0)_8TX	12.36	0.01722	26.39	0.43551
802.11ac VHT80+80-BF _Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	12.69	0.01858	26.72	0.46989
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	10.28	0.01067	24.31	0.26977
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	10.51	0.01125	24.54	0.28445
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	12.46	0.01762	26.49	0.44566
802.11ax HEW80+80-BF _Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	12.74	0.01879	26.77	0.47534
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_8TX	9.82	0.00959	23.85	0.24266
802.11ac VHT40-BF_Nss1,(MCS0)_8TX	9.45	0.00881	23.48	0.22284
802.11ac VHT80-BF_Nss1,(MCS0)_8TX	12.32	0.01706	26.35	0.43152
802.11ac VHT80+80-BF_Nss1,(MCS0)_8TX	14.53	0.02838	28.56	0.71779
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	10.16	0.01038	24.19	0.26242
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	10.20	0.01047	24.23	0.26485
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	12.66	0.01845	26.69	0.46666
802.11ax HEW80+80-BF_Nss1,(MCS0)_8TX	14.60	0.02884	28.63	0.72946

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Port 6 (dBm)	Port 7 (dBm)	Port 8 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.03	1.19	0.54	-1.40	0.13	0.36	0.03	-0.10	-0.21	9.15	15.89	23.18	29.92
5300MHz	Pass	14.03	0.82	0.25	-1.71	0.30	0.92	-0.45	0.20	0.41	9.19	15.84	23.22	29.87
5320MHz	Pass	14.03	0.73	0.44	-0.90	0.49	0.86	0.23	0.46	0.53	9.41	15.84	23.44	29.87
5500MHz	Pass	14.03	0.78	1.68	-0.37	0.20	1.41	0.18	0.13	0.39	9.63	15.97	23.66	30.00
5580MHz	Pass	14.03	0.18	1.48	-0.10	-0.19	1.97	0.22	-0.50	-0.30	9.46	15.96	23.49	29.99
5700MHz	Pass	14.03	0.35	2.19	-0.71	0.28	2.53	-0.06	0.16	0.53	9.82	15.97	23.85	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.03	1.14	1.18	-0.34	0.13	0.63	-0.09	-0.19	-0.01	9.37	15.97	23.40	30.00
5310MHz	Pass	14.03	0.41	0.57	-0.98	0.32	1.13	-0.03	-0.3	0.04	9.22	15.97	23.25	30.00
5510MHz	Pass	14.03	0.28	1.07	-0.90	-0.29	1.02	-0.16	-0.58	0.06	9.14	15.97	23.17	30.00
5550MHz	Pass	14.03	0.39	1.42	-0.45	0.21	1.56	-0.05	-0.41	0.17	9.45	15.97	23.48	30.00
5670MHz	Pass	14.03	0.01	1.38	-1.20	-0.97	1.73	-0.12	-0.30	0.07	9.21	15.97	23.24	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.03	3.67	3.99	2.41	3.14	4.12	2.97	2.94	3.15	12.36	15.97	26.39	30.00
5530MHz	Pass	14.03	3.21	4.49	2.00	2.79	4.31	2.75	2.64	2.92	12.25	15.97	26.28	30.00
5610MHz	Pass	14.03	3.07	4.57	2.08	2.85	5.01	2.64	2.34	2.83	12.32	15.97	26.35	30.00
802.11ac VHT80+80-BF _Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	14.03	5.68	5.99	5.72	5.26					11.69	21.97	25.72	36.00
802.11ac VHT80+80-BF _Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	14.03					7.07	6.93	6.62	5.99	12.69	15.97	26.72	30.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	14.03	5.40	5.49	5.56	5.15	6.59	5.67	5.06	4.83	14.53	15.97	28.56	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.03	1.14	1.34	-0.14	0.52	1.01	0.81	0.51	0.41	9.75	15.97	23.78	30.00
5300MHz	Pass	14.03	1.19	1.19	-0.80	0.36	1.56	0.67	0.94	0.87	9.83	15.97	23.86	30.00
5320MHz	Pass	14.03	1.77	1.90	-0.16	1.02	1.75	1.29	1.15	0.96	10.28	15.97	24.31	30.00
5500MHz	Pass	14.03	0.53	1.53	-0.65	0.53	1.36	0.48	0.68	0.60	9.71	15.97	23.74	30.00
5580MHz	Pass	14.03	0.82	2.63	-0.23	0.59	2.72	1.46	0.31	-0.44	10.16	15.97	24.19	30.00
5700MHz	Pass	14.03	0.33	2.39	0.08	0.04	2.79	0.36	1.28	0.72	10.15	15.97	24.18	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.03	1.98	1.74	0.55	1.28	1.88	1.39	1.36	1.49	10.51	15.97	24.54	30.00
5310MHz	Pass	14.03	2.04	1.64	-0.41	1.46	2.14	1.53	1.30	1.44	10.48	15.97	24.51	30.00
5510MHz	Pass	14.03	1.16	1.57	-0.10	0.88	2.43	1.12	0.81	1.03	10.20	15.97	24.23	30.00
5550MHz	Pass	14.03	1.09	1.62	-0.46	0.44	2.32	0.93	0.36	0.63	9.97	15.97	24.00	30.00
5670MHz	Pass	14.03	1.21	2.32	-0.13	0.41	2.66	0.90	0.56	0.48	10.18	15.97	24.21	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.03	3.95	3.83	2.35	3.54	4.06	3.15	3.04	3.26	12.46	15.97	26.49	30.00
5530MHz	Pass	14.03	3.76	4.85	2.59	3.27	4.76	3.11	2.73	3.32	12.66	15.97	26.69	30.00
5610MHz	Pass	14.03	2.95	4.32	2.52	2.99	5.11	2.92	2.40	2.99	12.40	15.97	26.43	30.00
802.11ax HEW80+80-BF _Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	14.03	5.90	4.95	6.00	5.97					11.75	21.97	25.78	36.00
802.11ax HEW80+80-BF _Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	14.03					6.99	6.98	6.92	5.88	12.74	15.97	26.77	30.00
802.11ax HEW80+80-BF_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	14.03	5.27	6.42	5.25	5.32	6.52	5.70	4.77	5.00	14.60	15.97	28.63	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.38	0.13740	26.38	0.43451
802.11ac VHT20_Nss1,(MCS0)_2TX	21.81	0.15171	26.81	0.47973
802.11ac VHT40_Nss1,(MCS0)_2TX	23.34	0.21577	28.34	0.68234
802.11ac VHT80_Nss1,(MCS0)_2TX	11.28	0.01343	16.28	0.04246
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.56	0.14322	26.56	0.45290
802.11ac VHT20_Nss1,(MCS0)_2TX	21.93	0.15596	26.93	0.49317
802.11ac VHT40_Nss1,(MCS0)_2TX	22.98	0.19861	27.98	0.62806
802.11ac VHT80_Nss1,(MCS0)_2TX	21.34	0.13614	26.34	0.43053

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.00	18.85	17.82	21.38	24.00	26.38	30.00
5300MHz_TnomVnom	Pass	5.00	18.92	17.70	21.36	24.00	26.36	30.00
5320MHz_TnomVnom	Pass	5.00	18.82	17.71	21.31	24.00	26.31	30.00
5500MHz_TnomVnom	Pass	5.00	18.14	18.48	21.32	24.00	26.32	30.00
5580MHz_TnomVnom	Pass	5.00	17.59	19.33	21.56	24.00	26.56	30.00
5700MHz_TnomVnom	Pass	5.00	17.15	18.74	21.03	24.00	26.03	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.00	18.91	18.69	21.81	24.00	26.81	30.00
5300MHz_TnomVnom	Pass	5.00	19.00	17.61	21.37	24.00	26.37	30.00
5320MHz_TnomVnom	Pass	5.00	18.98	17.81	21.44	24.00	26.44	30.00
5500MHz_TnomVnom	Pass	5.00	18.21	18.67	21.46	24.00	26.46	30.00
5580MHz_TnomVnom	Pass	5.00	17.96	19.70	21.93	24.00	26.93	30.00
5700MHz_TnomVnom	Pass	5.00	16.31	17.88	20.18	24.00	25.18	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.00	20.15	20.50	23.34	24.00	28.34	30.00
5310MHz_TnomVnom	Pass	5.00	13.78	13.95	16.88	24.00	21.88	30.00
5510MHz_TnomVnom	Pass	5.00	14.33	14.61	17.48	24.00	22.48	30.00
5550MHz_TnomVnom	Pass	5.00	19.72	20.21	22.98	24.00	27.98	30.00
5670MHz_TnomVnom	Pass	5.00	18.89	19.16	22.04	24.00	27.04	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.00	8.16	8.38	11.28	24.00	16.28	30.00
5530MHz_TnomVnom	Pass	5.00	10.78	12.26	14.59	24.00	19.59	30.00
5610MHz_TnomVnom	Pass	5.00	18.10	18.54	21.34	24.00	26.34	30.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.96	16.98
802.11ac VHT20_Nss1,(MCS0)_4TX	5.82	16.84
802.11ac VHT40_Nss1,(MCS0)_4TX	5.86	16.88
802.11ac VHT80_Nss1,(MCS0)_4TX	2.94	13.96
802.11ax HEW20_Nss1,(MCS0)_4TX	5.79	16.81
802.11ax HEW40_Nss1,(MCS0)_4TX	5.81	16.83
802.11ax HEW80_Nss1,(MCS0)_4TX	3.25	14.27
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.75	16.77
802.11ac VHT20_Nss1,(MCS0)_4TX	5.88	16.90
802.11ac VHT40_Nss1,(MCS0)_4TX	5.63	16.65
802.11ac VHT80_Nss1,(MCS0)_4TX	4.17	15.19
802.11ax HEW20_Nss1,(MCS0)_4TX	5.83	16.85
802.11ax HEW40_Nss1,(MCS0)_4TX	5.73	16.75
802.11ax HEW80_Nss1,(MCS0)_4TX	4.44	15.46

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

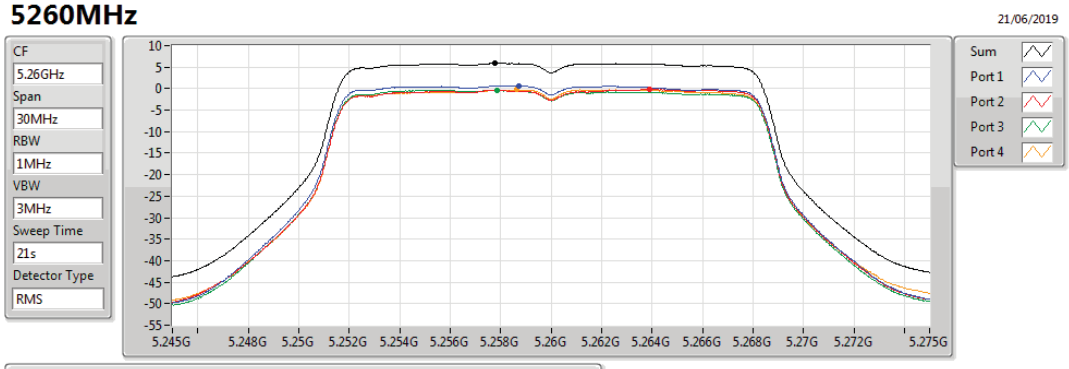
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.02	0.59	-0.20	-0.38	-0.27	5.86	5.98	16.88	17.00
5300MHz	Pass	11.02	0.46	-0.57	-0.87	-0.77	5.51	5.98	16.53	17.00
5320MHz	Pass	11.02	0.69	0.09	-0.23	-0.24	5.96	5.98	16.98	17.00
5500MHz	Pass	11.02	0.60	-0.68	-1.15	-0.84	5.52	5.98	16.54	17.00
5580MHz	Pass	11.02	1.44	-0.32	-1.18	-1.04	5.75	5.98	16.77	17.00
5700MHz	Pass	11.02	1.13	-1.01	-0.73	-0.98	5.64	5.98	16.66	17.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.02	0.30	-0.13	-0.25	-0.50	5.65	5.98	16.67	17.00
5300MHz	Pass	11.02	0.74	-0.48	-0.48	-0.33	5.82	5.98	16.84	17.00
5320MHz	Pass	11.02	0.67	-0.26	-0.71	-0.43	5.70	5.98	16.72	17.00
5500MHz	Pass	11.02	0.72	-0.32	-0.53	-0.58	5.71	5.98	16.73	17.00
5580MHz	Pass	11.02	1.11	-0.78	-0.88	-1.10	5.54	5.98	16.56	17.00
5700MHz	Pass	11.02	1.36	-0.62	-0.59	-0.87	5.88	5.98	16.90	17.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.02	0.66	0.22	-0.23	-0.30	5.86	5.98	16.88	17.00
5310MHz	Pass	11.02	0.31	-0.02	-0.51	-0.79	5.51	5.98	16.53	17.00
5510MHz	Pass	11.02	0.77	-0.21	-0.94	-0.43	5.63	5.98	16.65	17.00
5550MHz	Pass	11.02	0.99	-0.48	-1.32	-1.03	5.49	5.98	16.51	17.00
5670MHz	Pass	11.02	1.25	-1.02	-1.14	-1.16	5.48	5.98	16.50	17.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.02	-2.14	-2.85	-3.05	-3.19	2.94	5.98	13.96	17.00
5530MHz	Pass	11.02	-1.30	-2.33	-3.14	-2.89	3.42	5.98	14.44	17.00
5610MHz	Pass	11.02	0.06	-2.22	-2.60	-2.27	4.17	5.98	15.19	17.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.02	0.32	-0.21	-0.41	-0.38	5.62	5.98	16.64	17.00
5300MHz	Pass	11.02	0.84	-0.04	-0.34	-0.37	5.79	5.98	16.81	17.00
5320MHz	Pass	11.02	0.46	-0.23	-0.62	-0.58	5.74	5.98	16.76	17.00
5500MHz	Pass	11.02	0.91	-0.40	-0.63	-0.38	5.83	5.98	16.85	17.00
5580MHz	Pass	11.02	1.42	-0.51	-1.15	-0.85	5.73	5.98	16.75	17.00
5700MHz	Pass	11.02	1.55	-0.75	-0.69	-0.89	5.79	5.98	16.81	17.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.02	0.73	-0.09	-0.48	-0.06	5.81	5.98	16.83	17.00
5310MHz	Pass	11.02	0.44	-0.33	-0.69	-0.78	5.59	5.98	16.61	17.00
5510MHz	Pass	11.02	0.74	-0.19	-0.91	-0.32	5.62	5.98	16.64	17.00
5550MHz	Pass	11.02	1.11	-0.30	-0.85	-0.68	5.73	5.98	16.75	17.00
5670MHz	Pass	11.02	1.22	-1.02	-1.00	-1.22	5.49	5.98	16.51	17.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.02	-1.91	-2.71	-2.89	-2.75	3.25	5.98	14.27	17.00
5530MHz	Pass	11.02	-0.91	-2.27	-3.03	-2.58	3.72	5.98	14.74	17.00
5610MHz	Pass	11.02	0.31	-1.87	-2.19	-2.04	4.44	5.98	15.46	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

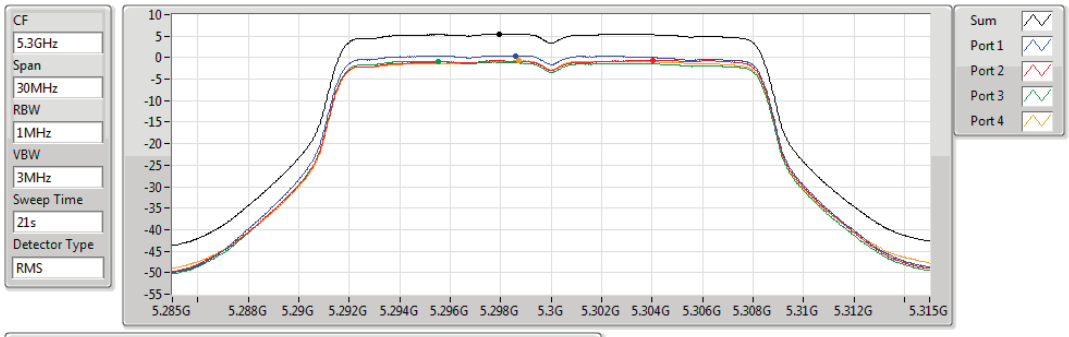
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	0.59	-0.20	-0.38	-0.27

802.11a_Nss1,(6Mbps)_4TX PSD

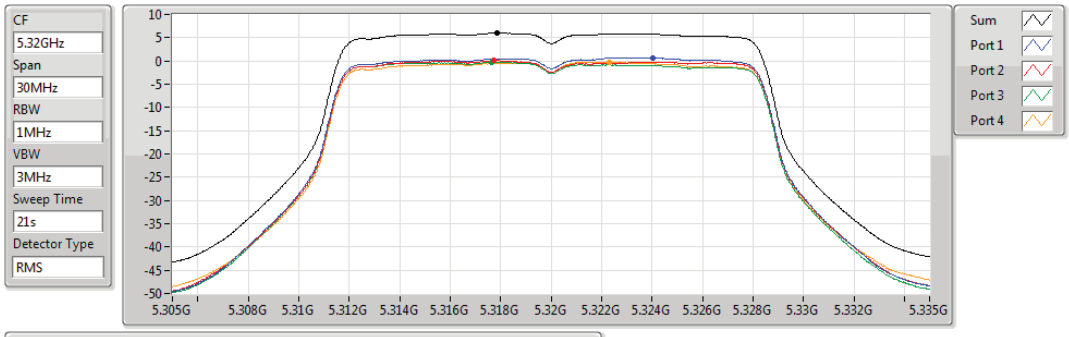
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	0.46	-0.57	-0.87	-0.77

802.11a_Nss1,(6Mbps)_4TX PSD

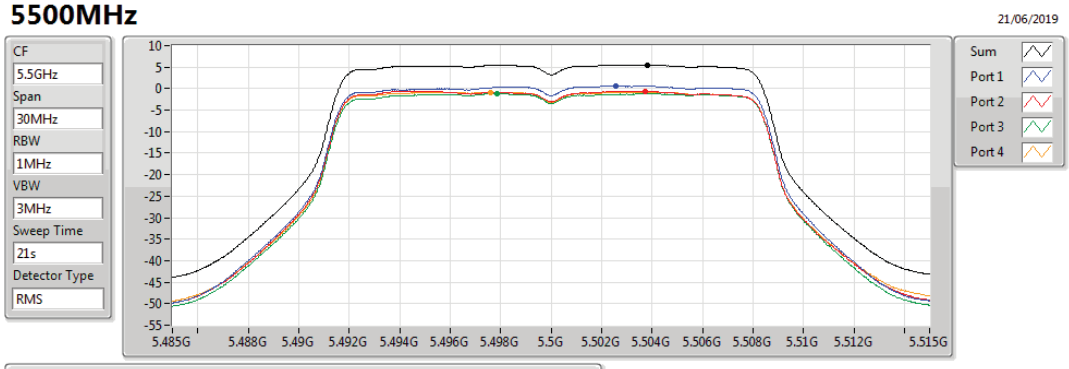
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	0.69	0.09	-0.23	-0.24

802.11a_Nss1,(6Mbps)_4TX PSD

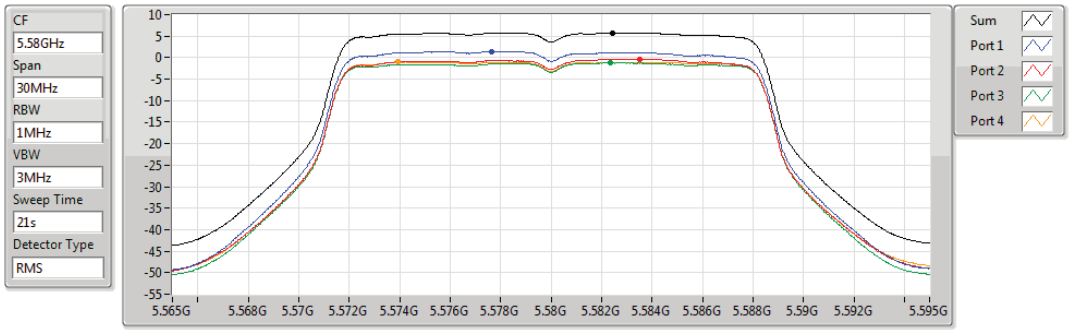
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	0.60	-0.68	-1.15	-0.84

802.11a_Nss1,(6Mbps)_4TX PSD

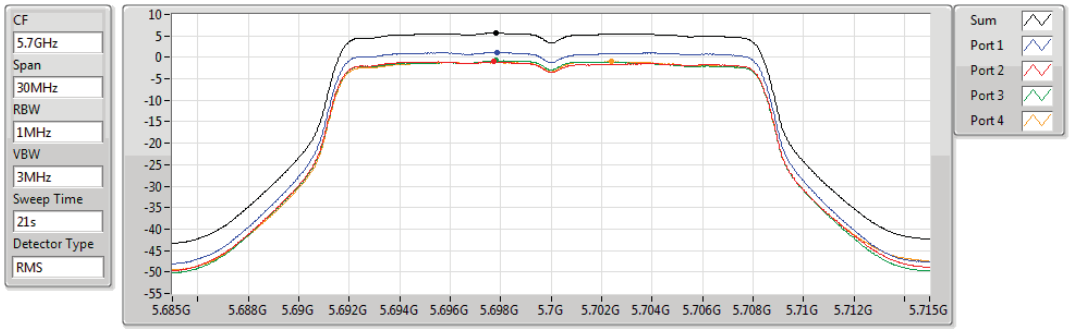
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	1.44	-0.32	-1.18	-1.04

802.11a_Nss1,(6Mbps)_4TX PSD

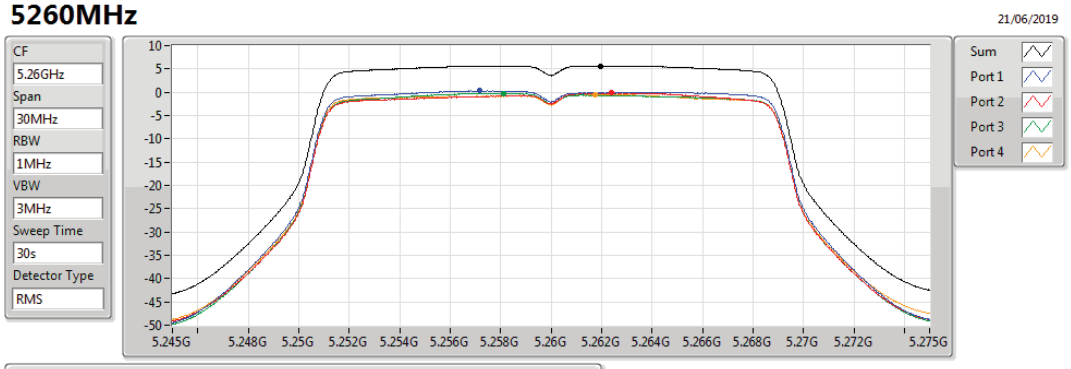
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	1.13	-1.01	-0.73	-0.98

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

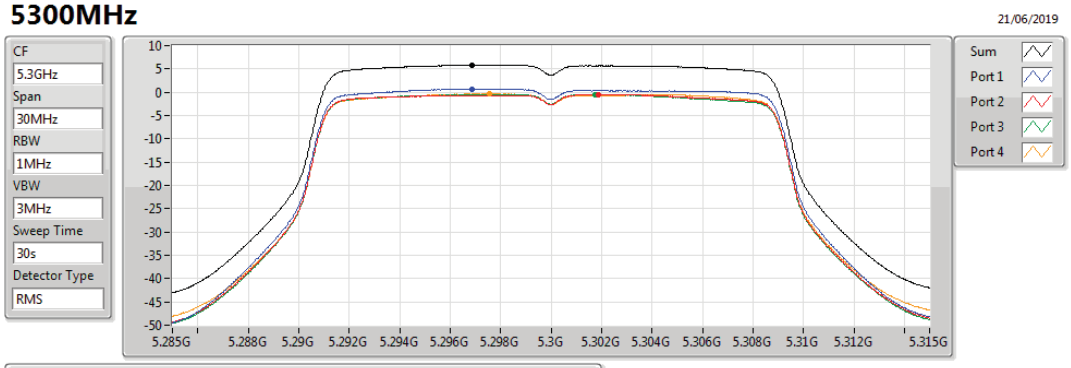
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	0.30	-0.13	-0.25	-0.50

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

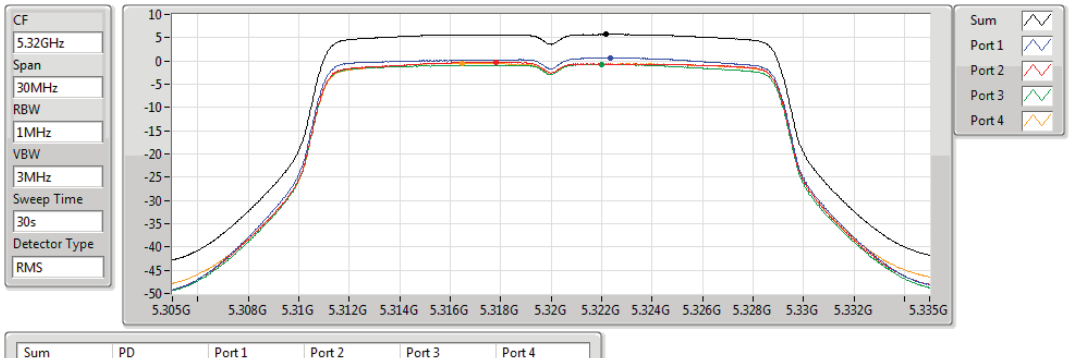
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	0.74	-0.48	-0.48	-0.33

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

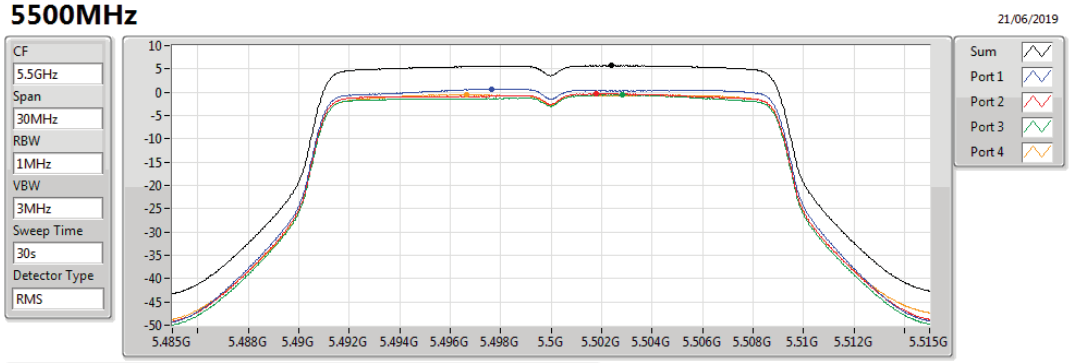
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	0.67	-0.26	-0.71	-0.43

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

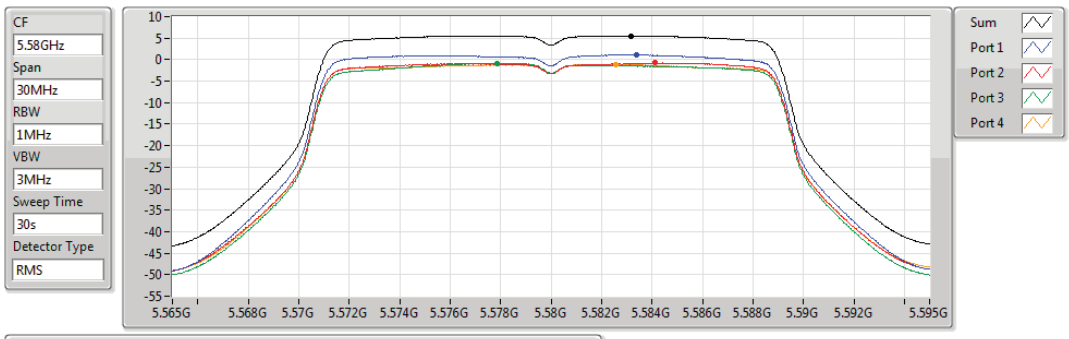
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	0.72	-0.32	-0.53	-0.58

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

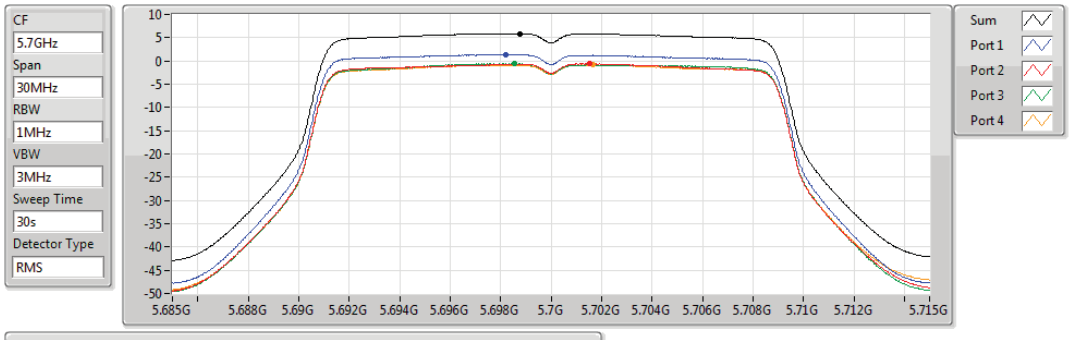
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	1.11	-0.78	-0.88	-1.10

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

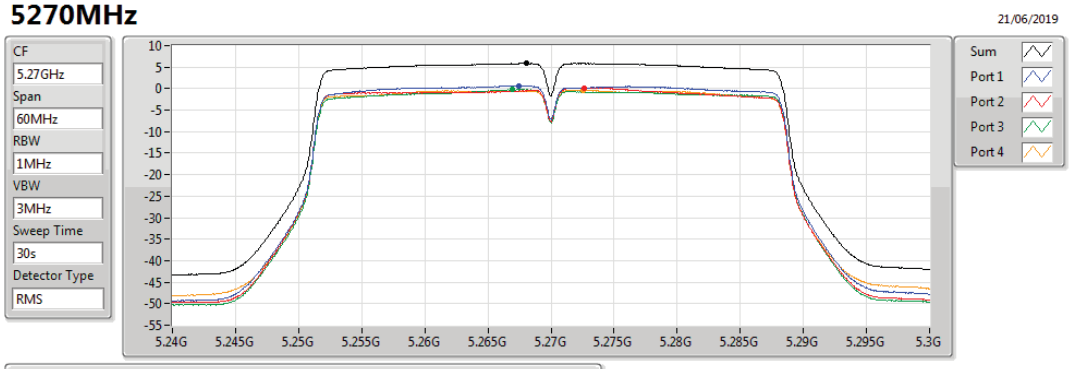
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	1.36	-0.62	-0.59	-0.87

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

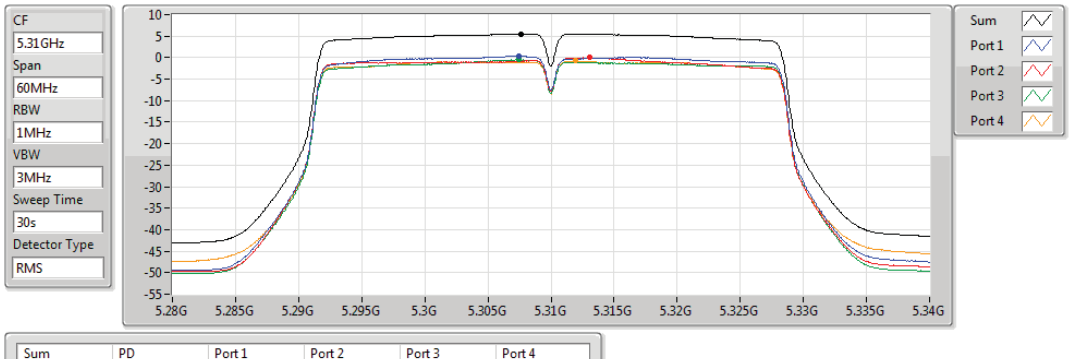
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.86	5.86	0.66	0.22	-0.23	-0.30

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

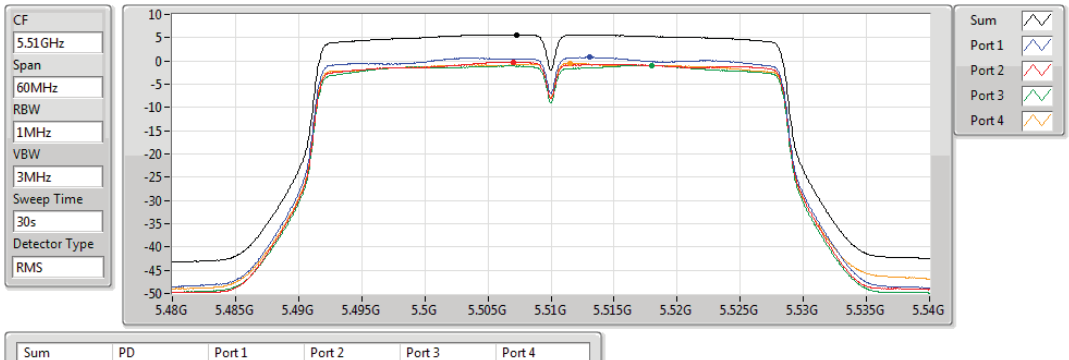
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	0.31	-0.02	-0.51	-0.79

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

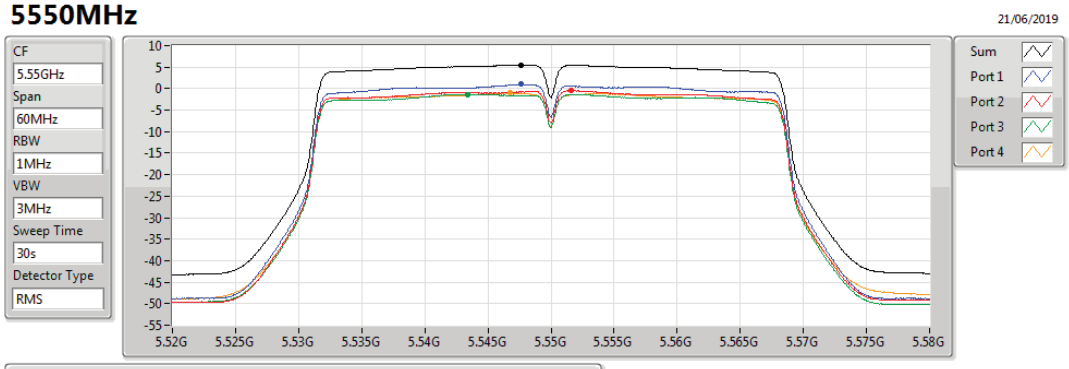
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	0.77	-0.21	-0.94	-0.43

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

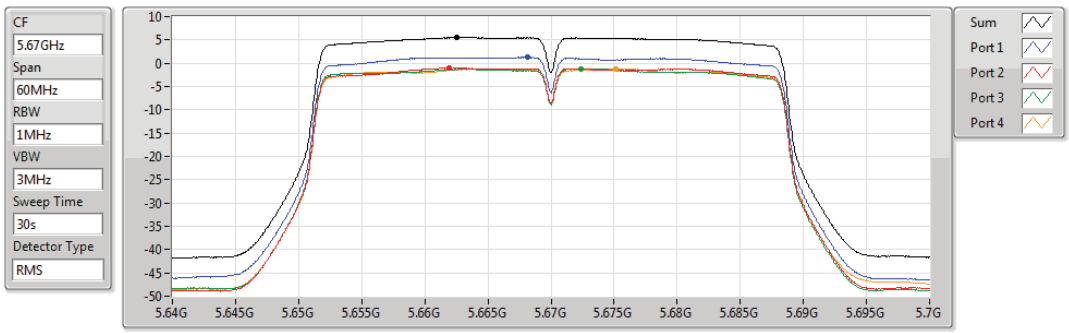
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	0.99	-0.48	-1.32	-1.03

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

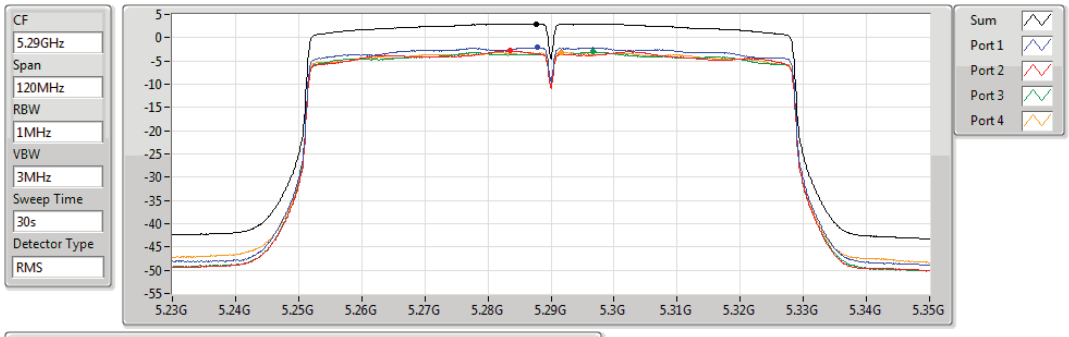
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	1.25	-1.02	-1.14	-1.16

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

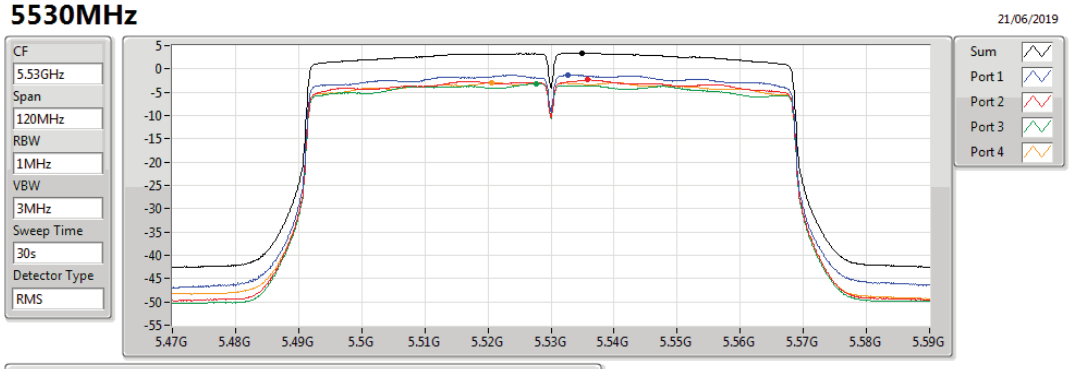
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-2.14	-2.85	-3.05	-3.19

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

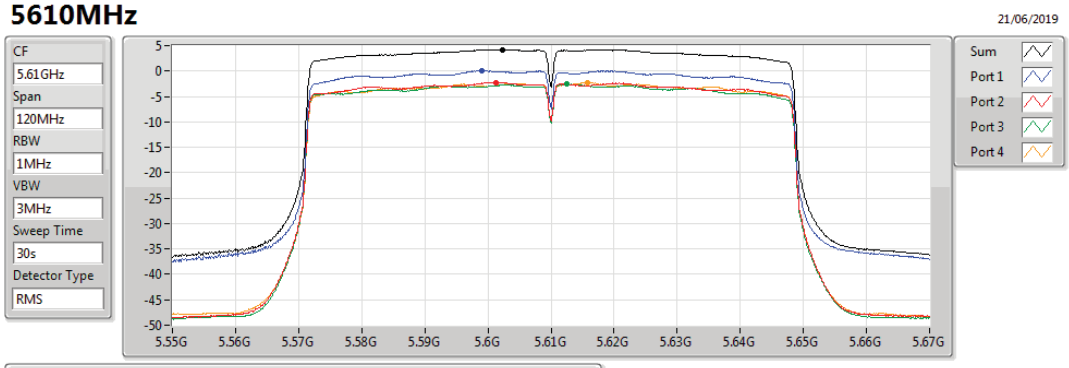
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.42	3.42	-1.30	-2.33	-3.14	-2.89

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

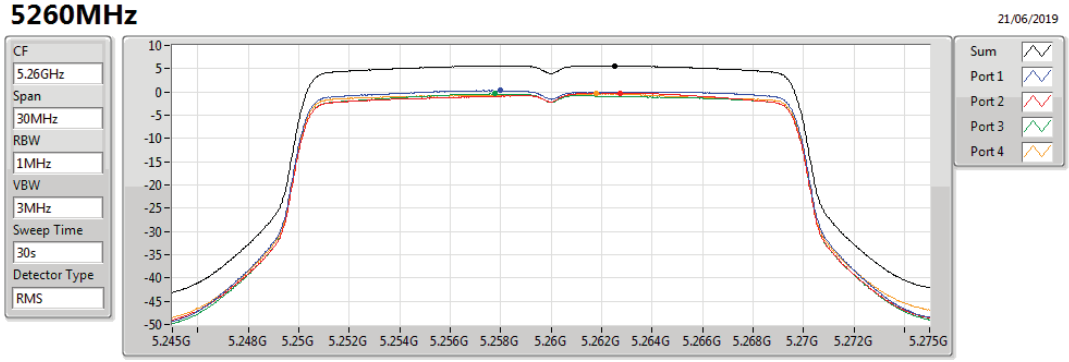
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	0.06	-2.22	-2.60	-2.27

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

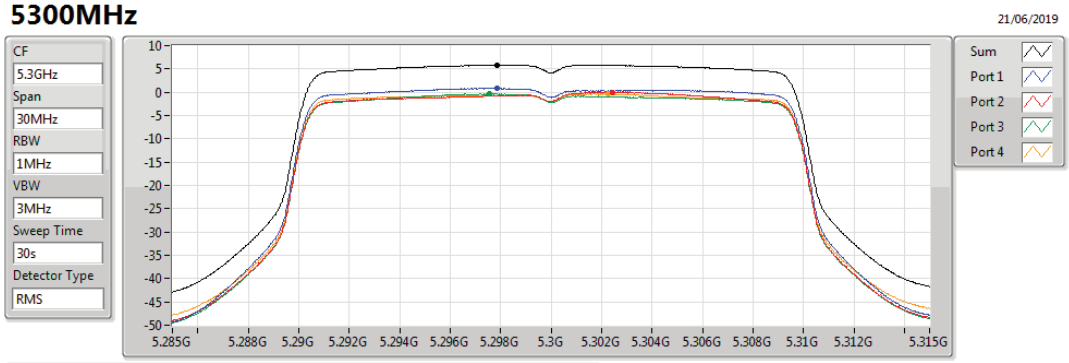
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	0.32	-0.21	-0.41	-0.38

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

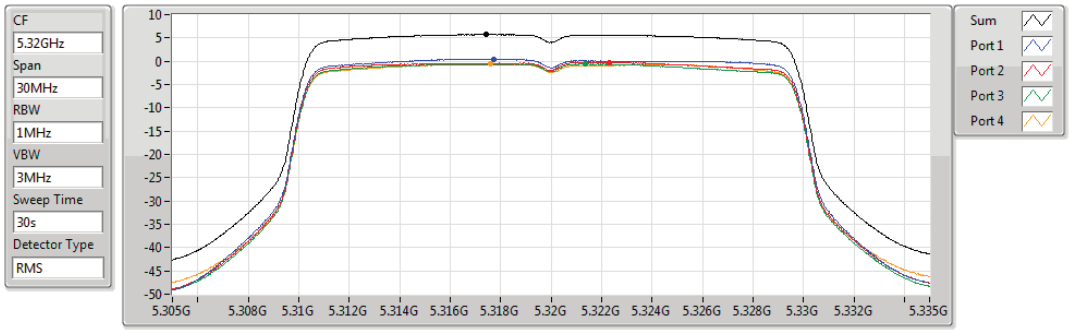
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	0.84	-0.04	-0.34	-0.37

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

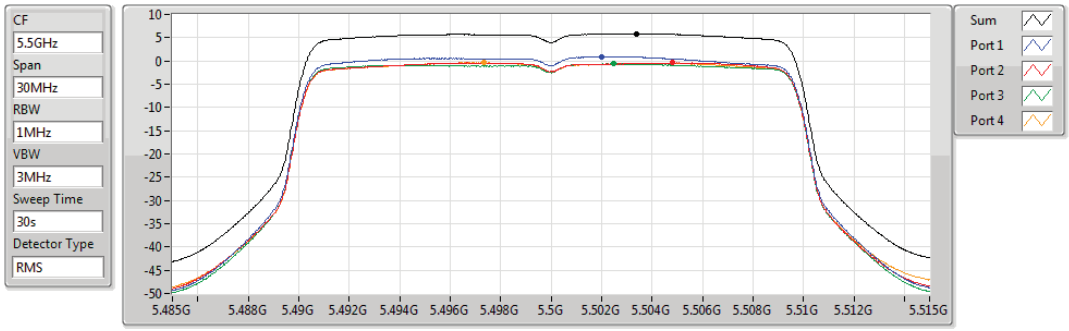
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	0.46	-0.23	-0.62	-0.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

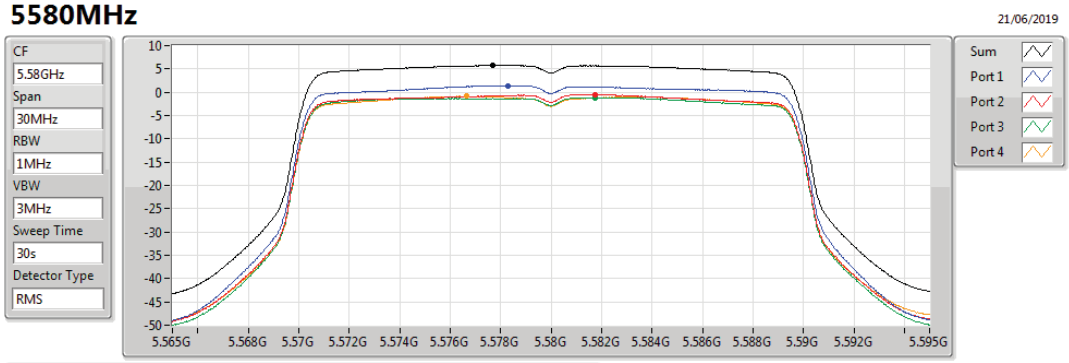
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.83	5.83	0.91	-0.40	-0.63	-0.38

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

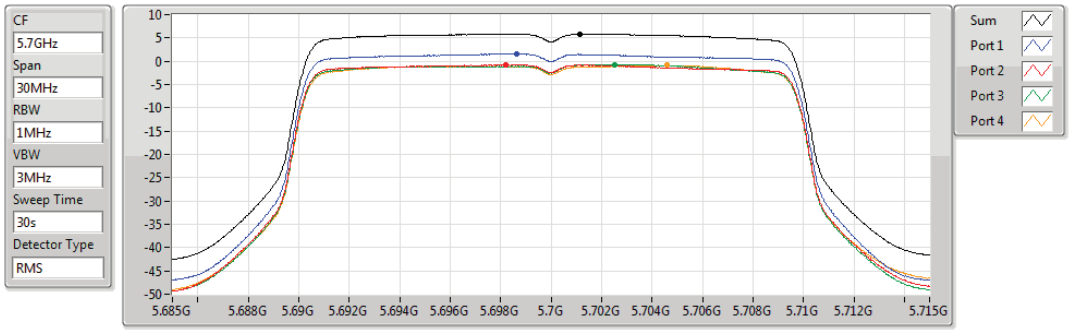
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	1.42	-0.51	-1.15	-0.85

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

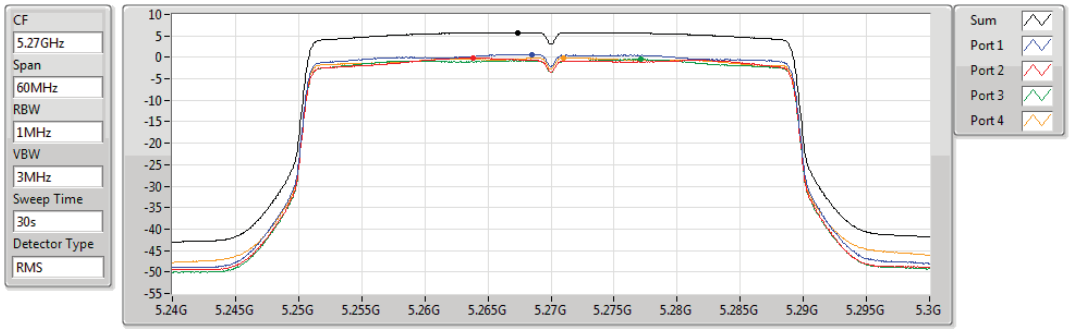
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	1.55	-0.75	-0.69	-0.89

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

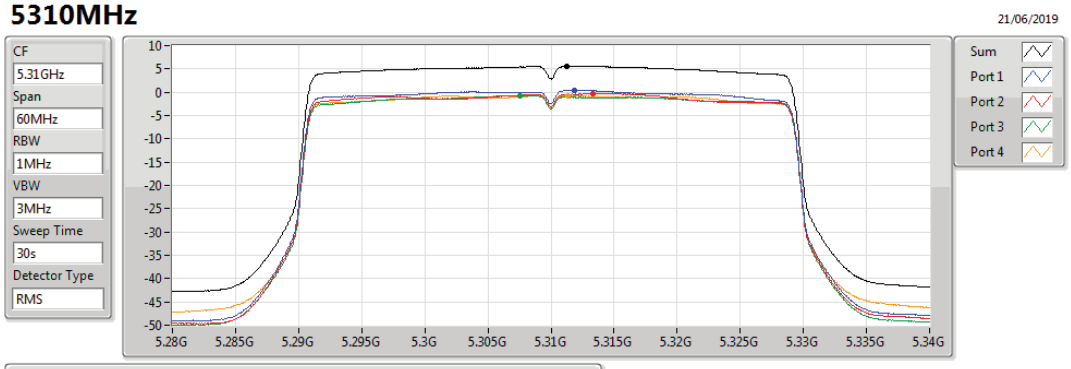
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	0.73	-0.09	-0.48	-0.06

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

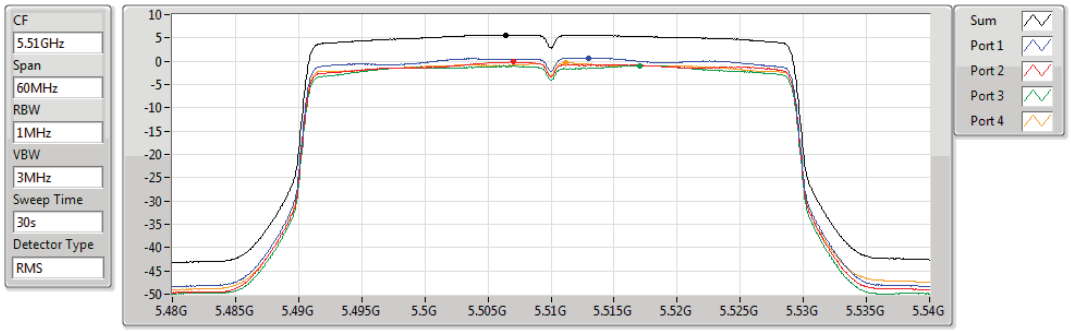
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	0.44	-0.33	-0.69	-0.78

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

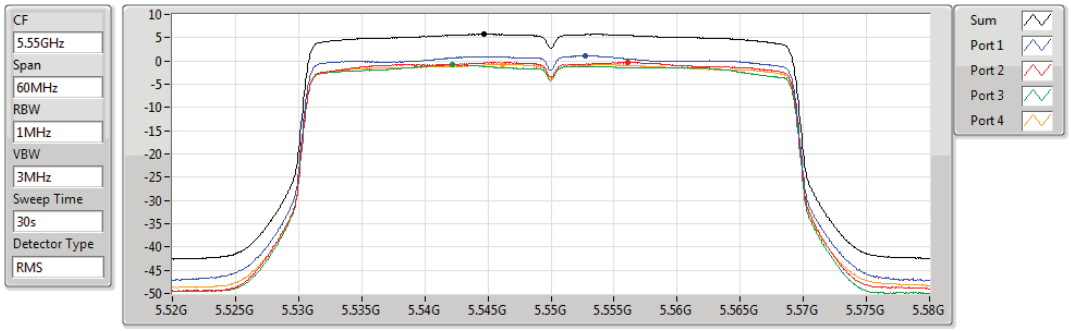
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	0.74	-0.19	-0.91	-0.32

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

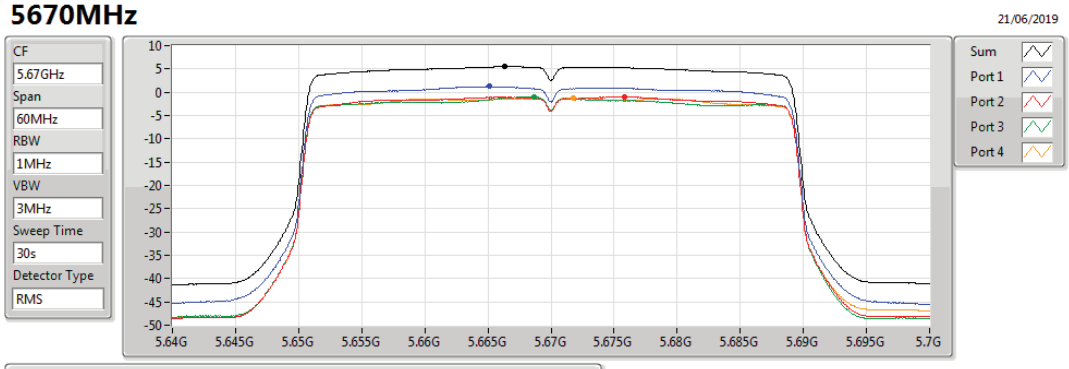
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	1.11	-0.30	-0.85	-0.68

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

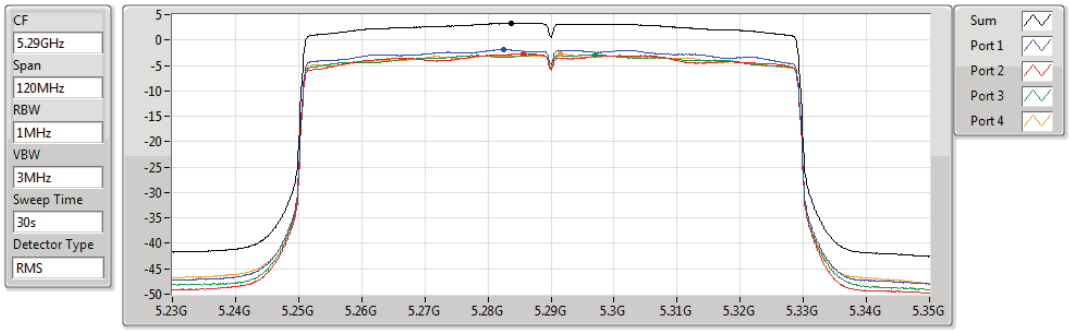
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.49	5.49	1.22	-1.02	-1.00	-1.22

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

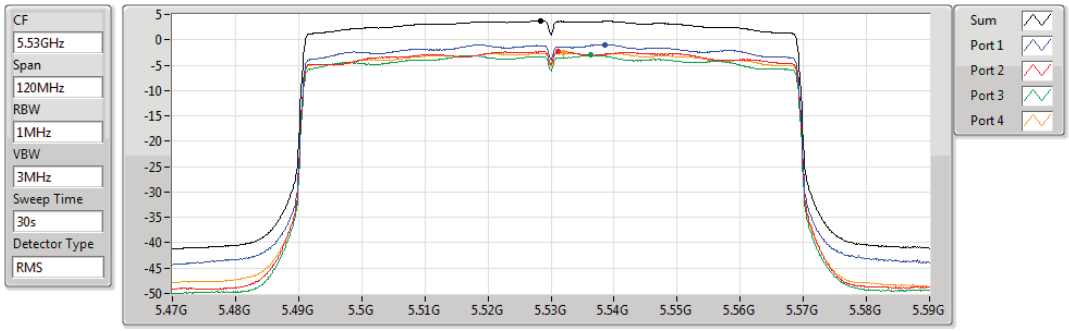
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	-1.91	-2.71	-2.89	-2.75

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

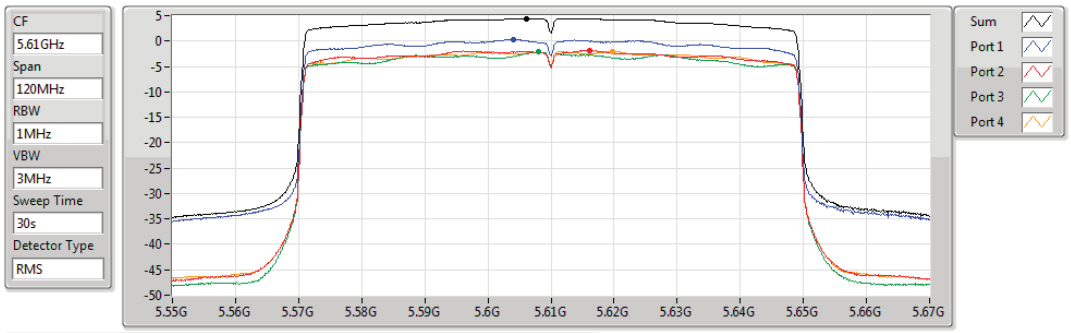


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.72	3.72	-0.91	-2.27	-3.03	-2.58

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

5610MHz

21/06/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	0.31	-1.87	-2.19	-2.04

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	1.68	12.70
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	1.03	12.05
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	2.83	16.86
802.11ac VHT20_Nss1,(MCS0)_8TX	2.77	16.80
802.11ac VHT40_Nss1,(MCS0)_8TX	2.82	16.85
802.11ac VHT80_Nss1,(MCS0)_8TX	2.67	16.70
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	2.22	13.24
802.11ax HEW20_Nss1,(MCS0)_8TX	2.89	16.92
802.11ax HEW40_Nss1,(MCS0)_8TX	2.93	16.96
802.11ax HEW80_Nss1,(MCS0)_8TX	2.73	16.76
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	2.15	13.17
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_8TX	2.94	16.97
802.11ac VHT20_Nss1,(MCS0)_8TX	2.94	16.97
802.11ac VHT40_Nss1,(MCS0)_8TX	2.79	16.82
802.11ac VHT80_Nss1,(MCS0)_8TX	2.67	16.70
802.11ac VHT80+80_Nss1,(MCS0)_8TX	1.05	15.08
802.11ax HEW20_Nss1,(MCS0)_8TX	2.87	16.90
802.11ax HEW40_Nss1,(MCS0)_8TX	2.77	16.80
802.11ax HEW80_Nss1,(MCS0)_8TX	2.88	16.91
802.11ax HEW80+80_Nss1,(MCS0)_8TX	0.93	14.96

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

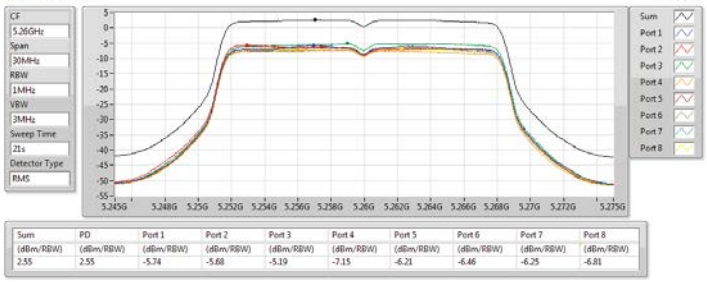
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.03	-5.74	-5.68	-5.19	-7.15	-6.21	-6.46	-6.25	-6.81	2.55	2.97	16.58	17.00
5300MHz	Pass	14.03	-6.02	-5.34	-6.78	-6.72	-5.43	-6.22	-5.26	-6.33	2.83	2.97	16.86	17.00
5320MHz	Pass	14.03	-6.55	-5.91	-6.43	-6.42	-6.16	-6.59	-6.19	-6.69	2.49	2.97	16.52	17.00
5500MHz	Pass	14.03	-6.14	-5.46	-7.19	-6.42	-4.94	-6.05	-5.96	-6.00	2.79	2.97	16.82	17.00
5580MHz	Pass	14.03	-6.66	-4.54	-6.48	-6.85	-4.91	-6.30	-5.80	-6.69	2.94	2.97	16.97	17.00
5700MHz	Pass	14.03	-6.74	-4.88	-6.85	-7.43	-4.56	-6.88	-6.44	-6.58	2.66	2.97	16.69	17.00
802.11ac VHT20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.03	-5.47	-5.23	-8.10	-6.49	-6.24	-6.72	-6.91	-6.86	2.39	2.97	16.42	17.00
5300MHz	Pass	14.03	-5.86	-5.17	-8.34	-6.52	-5.68	-7.12	-6.57	-6.48	2.37	2.97	16.40	17.00
5320MHz	Pass	14.03	-5.76	-5.28	-7.22	-6.37	-5.42	-6.51	-6.25	-6.19	2.77	2.97	16.80	17.00
5500MHz	Pass	14.03	-5.97	-4.47	-7.20	-6.31	-5.42	-6.46	-6.83	-6.27	2.79	2.97	16.82	17.00
5580MHz	Pass	14.03	-6.72	-4.66	-7.02	-6.87	-4.87	-6.41	-7.19	-7.07	2.54	2.97	16.57	17.00
5700MHz	Pass	14.03	-6.30	-4.06	-7.43	-6.44	-4.29	-6.81	-6.43	-6.27	2.94	2.97	16.97	17.00
802.11ac VHT40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.03	-5.25	-4.32	-6.96	-6.51	-6.04	-6.54	-6.78	-6.68	2.69	2.97	16.72	17.00
5310MHz	Pass	14.03	-6.04	-4.53	-7.05	-6.34	-5.42	-6.58	-6.79	-6.42	2.82	2.97	16.85	17.00
5510MHz	Pass	14.03	-6.19	-4.47	-7.40	-6.65	-5.27	-6.63	-6.99	-6.54	2.65	2.97	16.68	17.00
5550MHz	Pass	14.03	-6.14	-4.38	-7.18	-6.31	-4.97	-6.54	-7.10	-6.57	2.79	2.97	16.82	17.00
5670MHz	Pass	14.03	-6.38	-4.38	-7.75	-7.40	-4.80	-6.65	-6.97	-6.58	2.65	2.97	16.68	17.00
802.11ac VHT80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.03	-5.77	-4.35	-6.99	-6.28	-5.41	-6.53	-6.67	-6.54	2.67	2.97	16.70	17.00
5530MHz	Pass	14.03	-6.35	-4.43	-7.53	-6.93	-5.16	-6.80	-7.07	-6.76	2.58	2.97	16.61	17.00
5610MHz	Pass	14.03	-6.42	-4.26	-7.26	-6.82	-4.54	-6.75	-7.25	-6.88	2.67	2.97	16.70	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	11.02	-4.00	-3.41	-4.24	-4.69					1.68	11.98	12.70	23.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	11.02					-3.20	-3.32	-3.69	-4.38	2.22	5.98	13.24	17.00
802.11ac VHT80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	14.03	-5.07	-3.87	-4.82	-5.51	-3.87	-4.74	-5.44	-5.67	1.05	2.97	15.08	17.00
802.11ax HEW20_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.03	-6.11	-4.68	-6.91	-6.82	-6.07	-6.45	-5.96	-6.80	2.57	2.97	16.60	17.00
5300MHz	Pass	14.03	-5.72	-4.77	-7.86	-6.66	-5.43	-6.09	-5.98	-6.33	2.72	2.97	16.75	17.00
5320MHz	Pass	14.03	-5.24	-5.12	-7.18	-5.81	-5.11	-5.75	-6.01	-6.11	2.89	2.97	16.92	17.00
5500MHz	Pass	14.03	-6.52	-4.84	-7.82	-6.55	-5.29	-6.72	-6.38	-6.75	2.63	2.97	16.66	17.00
5580MHz	Pass	14.03	-6.19	-4.70	-7.29	-6.76	-4.32	-5.71	-6.95	-6.48	2.87	2.97	16.90	17.00
5700MHz	Pass	14.03	-6.15	-5.48	-7.25	-5.45	-4.04	-5.76	-6.30	-10.14	2.77	2.97	16.80	17.00
802.11ax HEW40_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.03	-5.24	-4.84	-6.77	-6.01	-5.29	-5.76	-6.11	-5.89	2.91	2.97	16.94	17.00
5310MHz	Pass	14.03	-5.05	-4.96	-7.74	-5.90	-5.10	-5.60	-6.14	-6.02	2.93	2.97	16.96	17.00
5510MHz	Pass	14.03	-5.91	-5.56	-7.50	-6.62	-4.81	-6.17	-6.70	-6.26	2.77	2.97	16.80	17.00
5550MHz	Pass	14.03	-6.37	-5.04	-7.61	-6.99	-4.82	-6.36	-7.03	-6.56	2.57	2.97	16.60	17.00
5670MHz	Pass	14.03	-6.11	-4.35	-7.64	-7.05	-4.73	-6.48	-6.78	-6.92	2.74	2.97	16.77	17.00
802.11ax HEW80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.03	-5.73	-4.30	-7.16	-6.13	-5.61	-6.53	-6.67	-6.49	2.73	2.97	16.76	17.00
5530MHz	Pass	14.03	-5.82	-4.22	-6.98	-6.51	-4.70	-6.36	-6.75	-6.39	2.88	2.97	16.91	17.00
5610MHz	Pass	14.03	-6.54	-4.63	-7.16	-6.86	-4.64	-6.86	-7.10	-6.80	2.51	2.97	16.54	17.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	11.02	-4.81	-5.69	-4.67	-4.67					1.03	11.98	12.05	23.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	11.02					-3.56	-3.62	-3.55	-4.75	2.15	5.98	13.17	17.00
802.11ax HEW80+80_Nss1,(MCS0)_8TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	14.03	-5.59	-4.20	-5.40	-5.48	-4.10	-4.89	-5.79	-5.64	0.93	2.97	14.96	17.00

DG = Directional Gain; For UNII-1, UNII-2A and UNII-2C, **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_8TX PSD

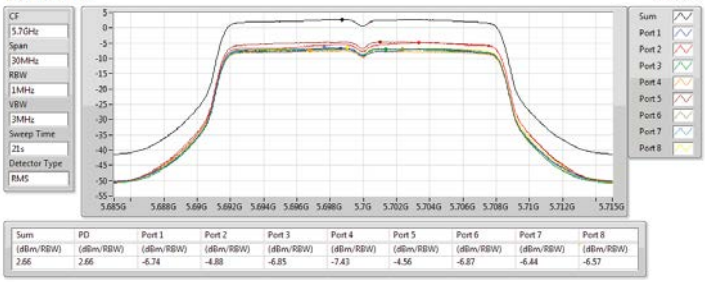
5260MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.55	2.55	-5.74	-5.68	-5.19	-7.15	-6.21	-6.46	-6.25	-6.81

802.11a_Nss1,(6Mbps)_8TX PSD

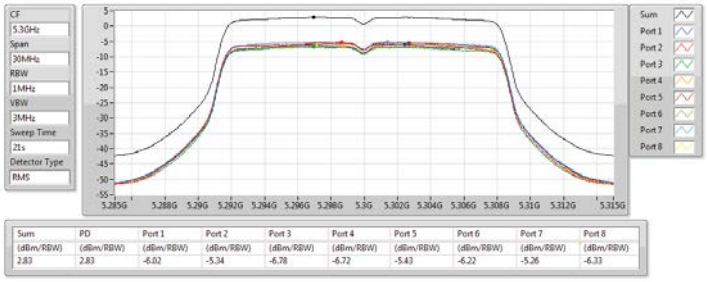
5700MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.66	2.66	-6.74	-4.88	-6.85	-7.43	-4.56	-6.87	-6.44	-6.57

802.11a_Nss1,(6Mbps)_8TX PSD

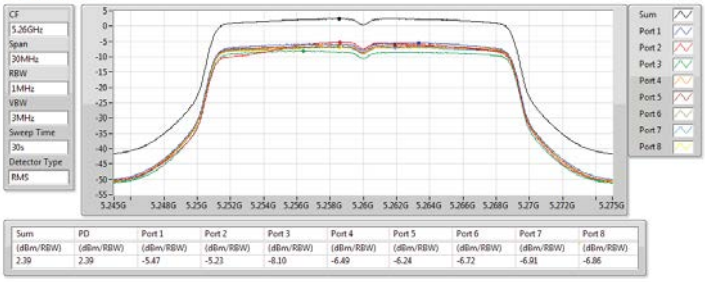
5300MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.83	2.83	-6.02	-5.34	-6.78	-6.72	-5.43	-6.22	-5.26	-6.33

802.11ac VHT20_Nss1,(MCS0)_8TX PSD

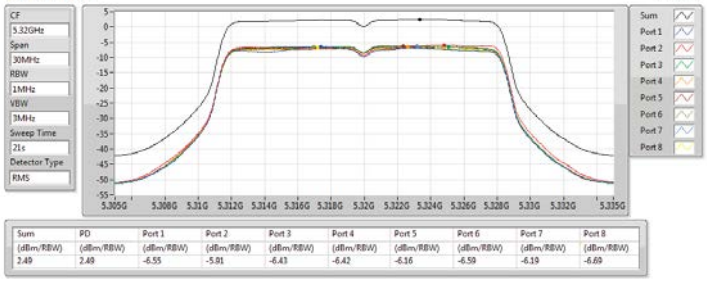
5260MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.39	2.39	-5.47	-5.23	-8.10	-6.49	-6.24	-6.72	-6.91	-6.86

802.11a_Nss1,(6Mbps)_8TX PSD

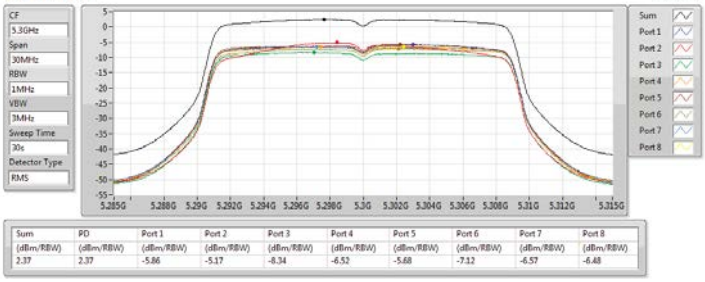
5320MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.49	2.49	-6.55	-5.91	-6.43	-6.42	-6.16	-6.59	-6.19	-6.69

802.11ac VHT20_Nss1,(MCS0)_8TX PSD

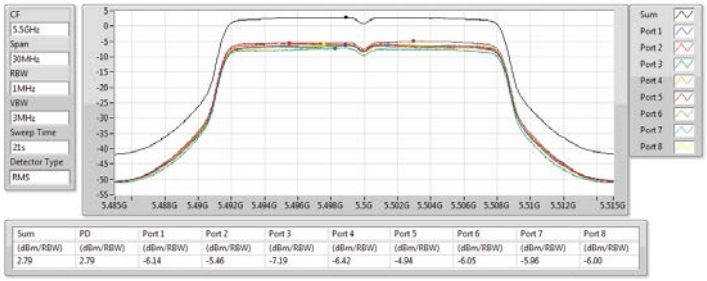
5300MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.37	2.37	-5.86	-5.17	-8.34	-6.52	-5.68	-7.12	-6.57	-6.48

802.11a_Nss1,(6Mbps)_8TX PSD

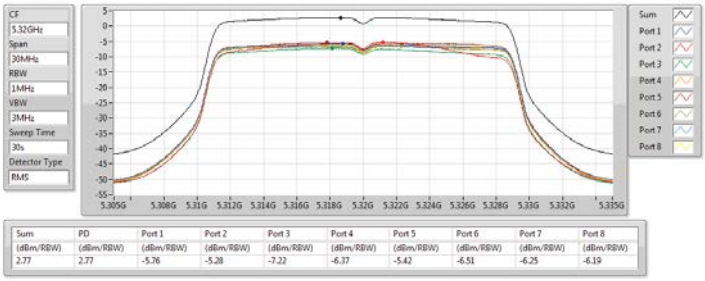
5500MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.79	2.79	-6.14	-5.46	-7.19	-6.42	-4.94	-6.05	-5.96	-6.00

802.11ac VHT20_Nss1,(MCS0)_8TX PSD

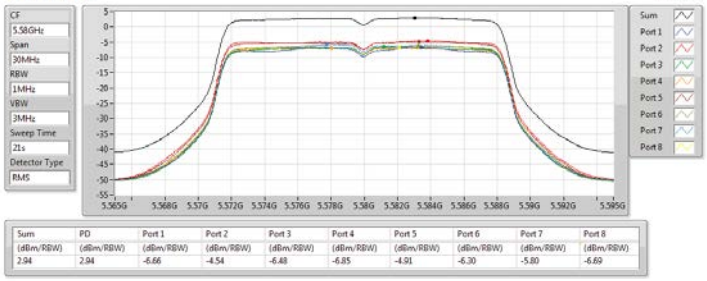
5320MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.77	2.77	-5.76	-5.28	-7.22	-6.37	-5.42	-6.51	-6.25	-6.19

802.11a_Nss1,(6Mbps)_8TX PSD

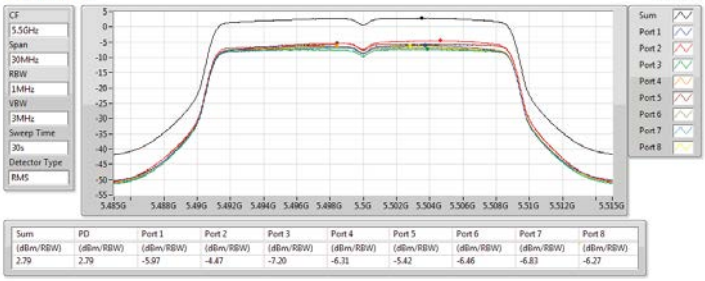
5580MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.94	2.94	-6.66	-4.54	-6.48	-6.85	-4.91	-6.30	-5.80	-6.69

802.11ac VHT20_Nss1,(MCS0)_8TX PSD

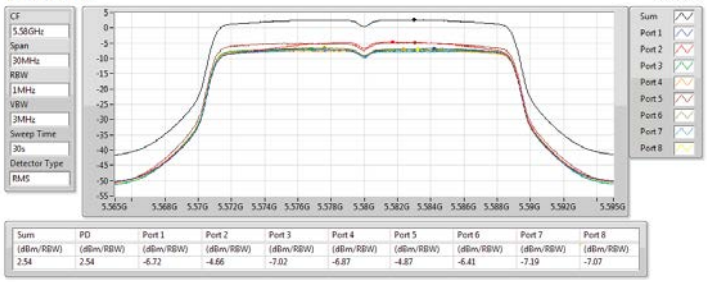
5500MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.79	2.79	-5.97	-4.47	-7.20	-6.31	-5.42	-6.46	-6.83	-6.27

802.11ac VHT20_Nss1,(MCS0)_8TX **PSD**

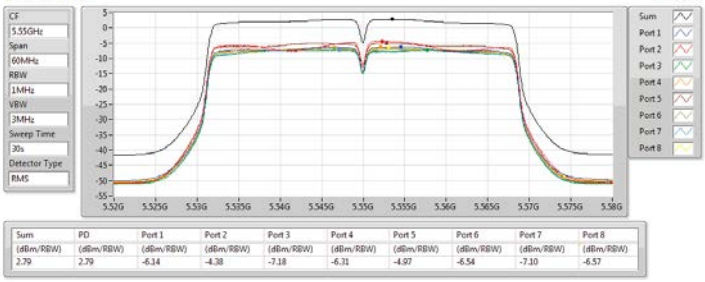
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	-6.72	-4.66	-7.02	-6.87	-4.87	-6.41	-7.19	-7.07

802.11ac VHT40_Nss1,(MCS0)_8TX **PSD**

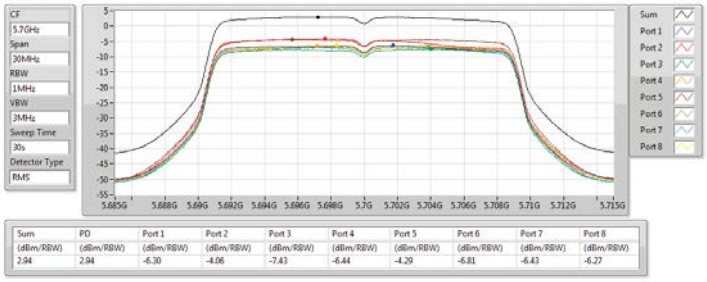
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.79	2.79	-6.14	-4.38	-7.18	-6.31	-4.97	-6.54	-7.10	-6.57

802.11ac VHT20_Nss1,(MCS0)_8TX **PSD**

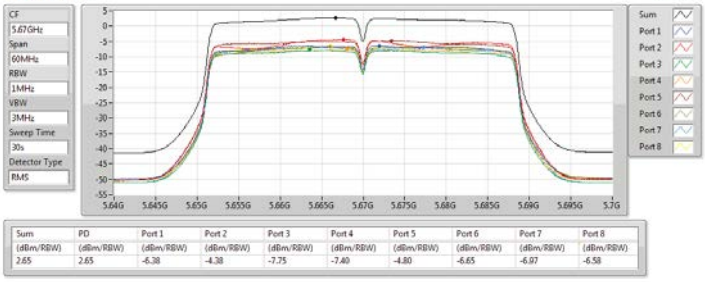
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-6.30	-4.06	-7.43	-6.44	-4.29	-6.81	-6.43	-6.27

802.11ac VHT40_Nss1,(MCS0)_8TX **PSD**

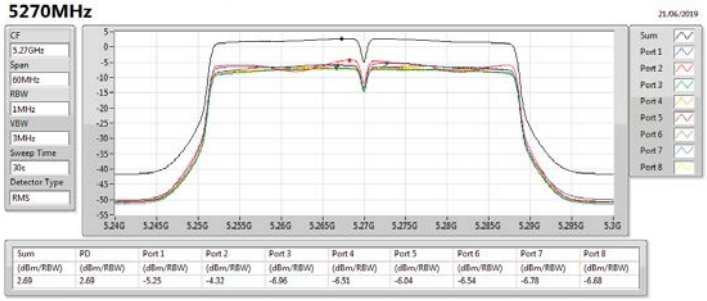
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	-6.38	-4.38	-7.75	-7.40	-4.80	-6.65	-6.97	-6.58

802.11ac VHT40_Nss1,(MCS0)_8TX **PSD**

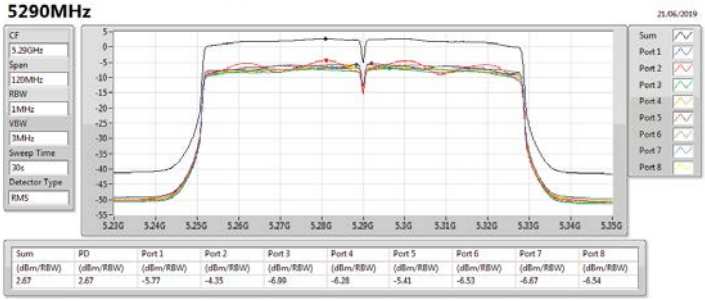
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.69	2.69	-5.25	-4.32	-6.96	-6.51	-6.04	-6.54	-6.78	-6.68

802.11ac VHT80_Nss1,(MCS0)_8TX **PSD**

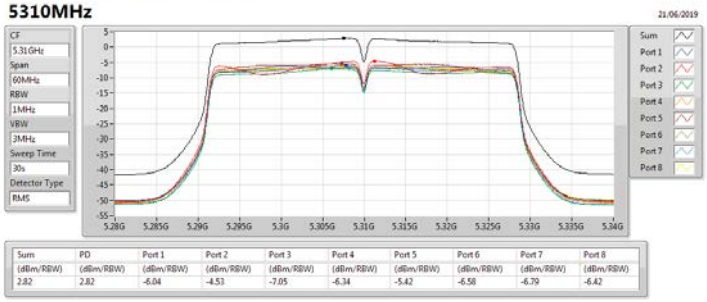
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-5.77	-4.35	-6.99	-6.28	-5.41	-6.53	-6.67	-6.54

802.11ac VHT40_Nss1,(MCS0)_8TX **PSD**

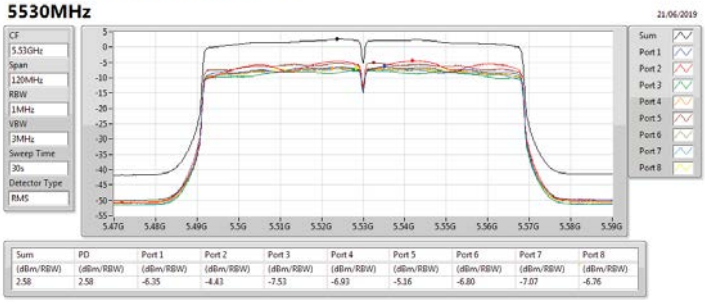
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	-6.04	-4.53	-7.05	-6.34	-5.42	-6.58	-6.79	-6.42

802.11ac VHT80_Nss1,(MCS0)_8TX **PSD**

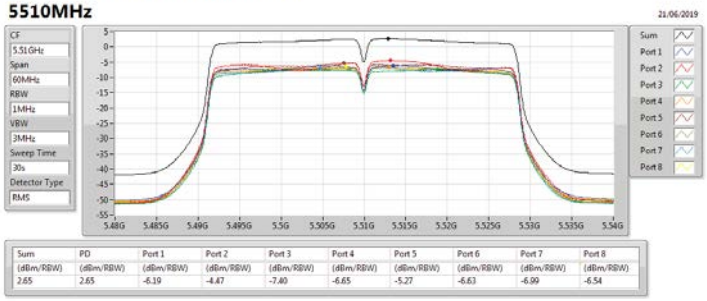
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-6.35	-4.43	-7.53	-6.93	-5.16	-6.80	-7.07	-6.76

802.11ac VHT40_Nss1,(MCS0)_8TX **PSD**

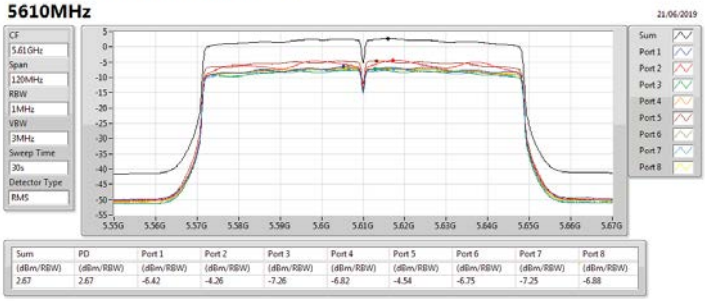
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	-6.19	-4.47	-7.40	-6.65	-5.27	-6.63	-6.99	-6.54

802.11ac VHT80_Nss1,(MCS0)_8TX **PSD**

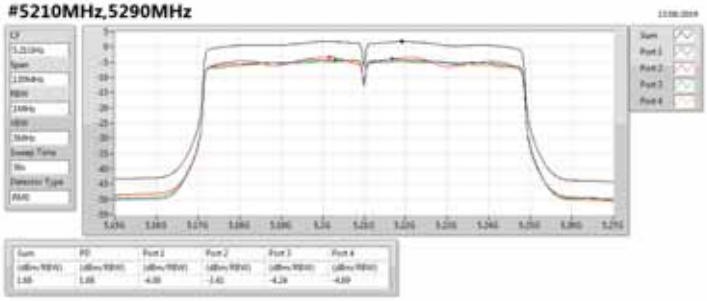
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-6.42	-4.26	-7.26	-6.82	-4.54	-6.75	-7.25	-6.88

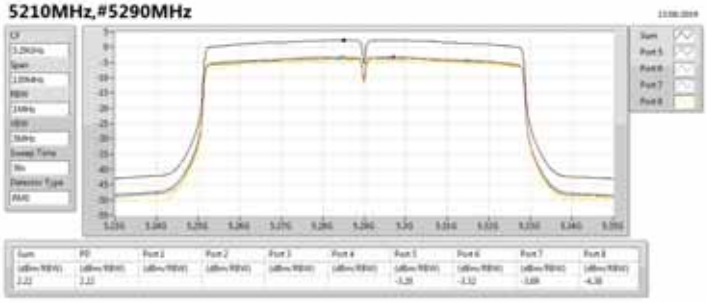
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4) PSD

#5210MHz,5290MHz



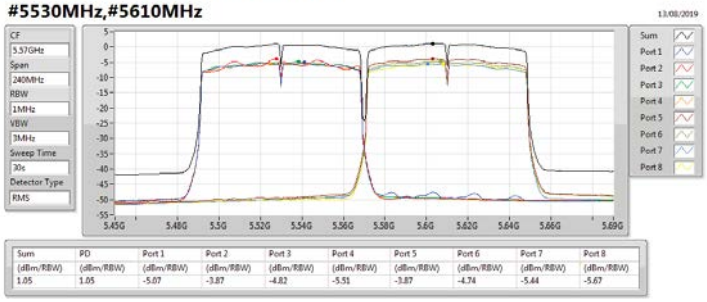
802.11ac VHT80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8) PSD

5210MHz,#5290MHz



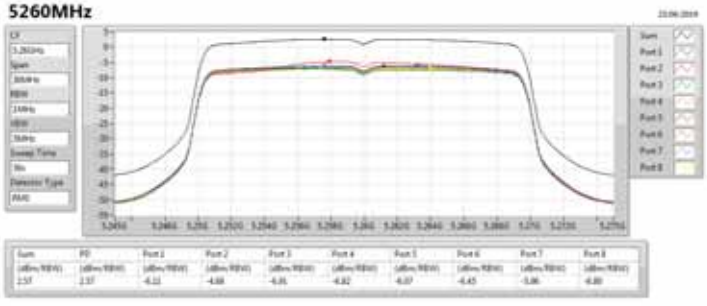
802.11ac VHT80+80_Nss1,(MCS0)_8TX PSD

#5530MHz,#5610MHz



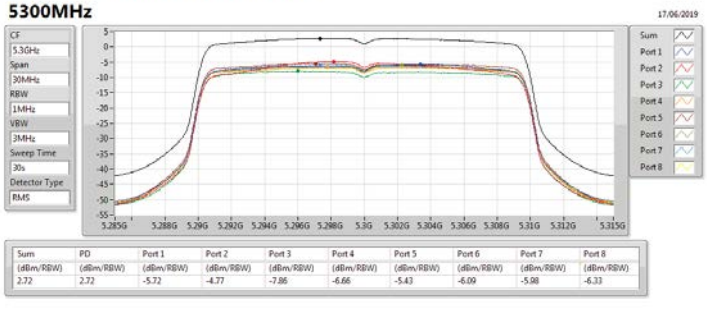
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5260MHz



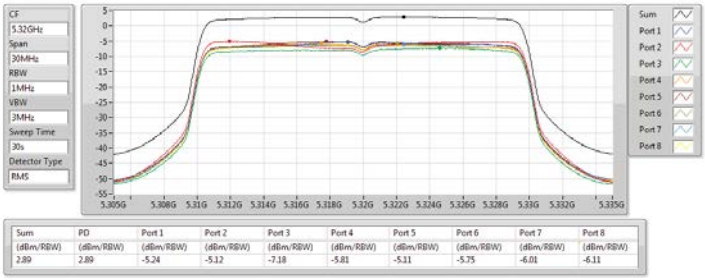
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5300MHz



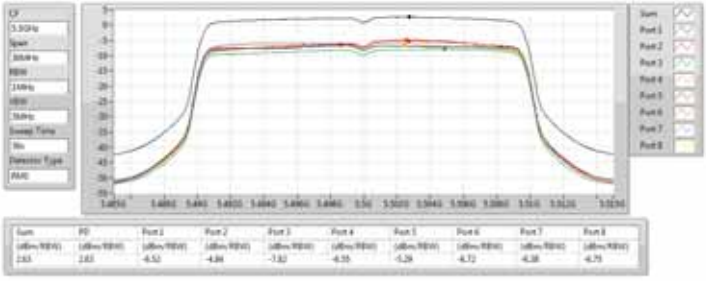
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5320MHz



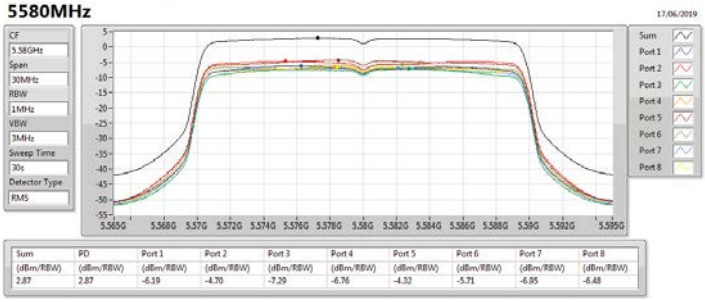
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5500MHz



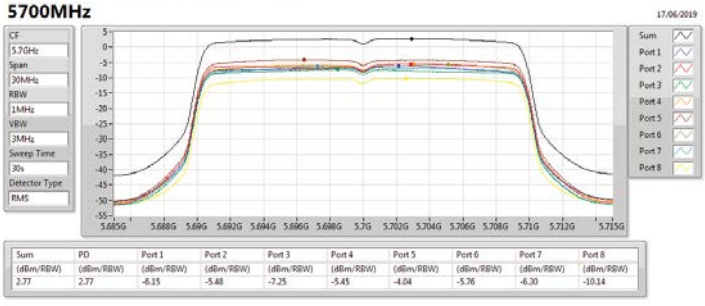
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5580MHz



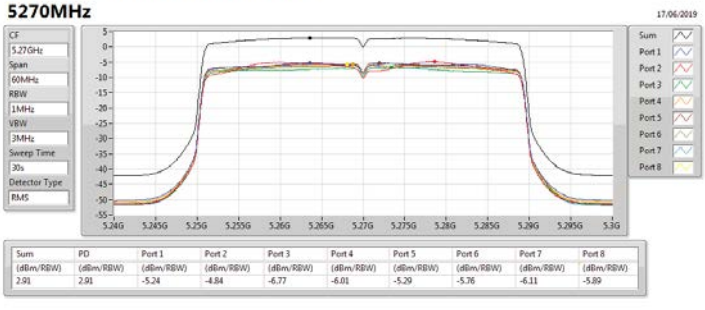
802.11ax HEW20_Nss1,(MCS0)_8TX PSD

5700MHz



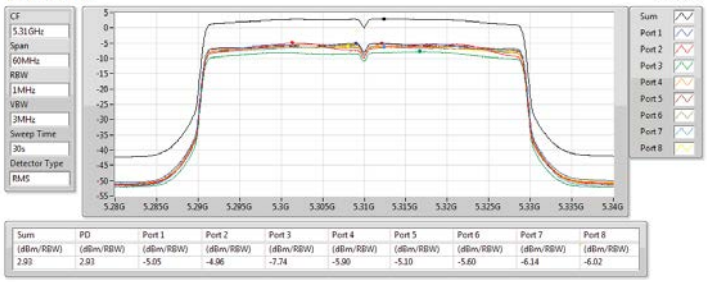
802.11ax HEW40_Nss1,(MCS0)_8TX PSD

5270MHz



802.11ax HEW40_Nss1,(MCS0)_8TX PSD

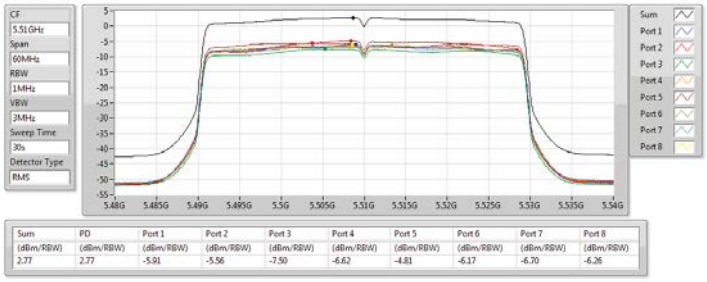
5310MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.93	2.93	-5.05	-4.96	-7.74	-5.90	-5.10	-5.60	-6.14	-6.02

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

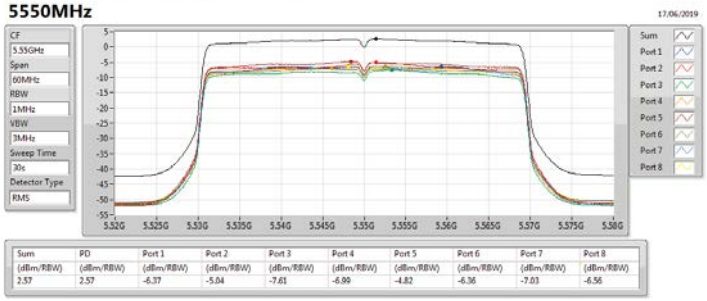
5510MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.77	2.77	-5.91	-5.56	-7.50	-6.62	-4.81	-6.17	-6.70	-6.26

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

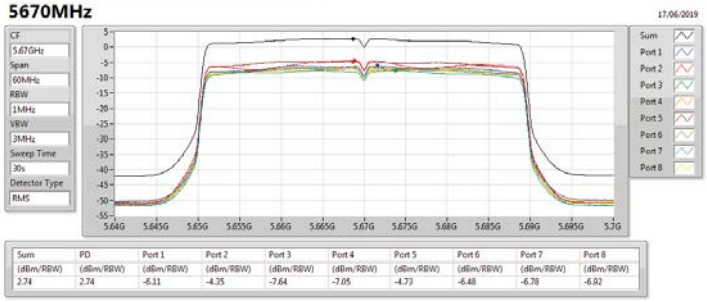
5550MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.57	2.57	-6.37	-5.04	-7.61	-6.99	-4.82	-6.36	-7.03	-6.56

802.11ax HEW40_Nss1,(MCS0)_8TX PSD

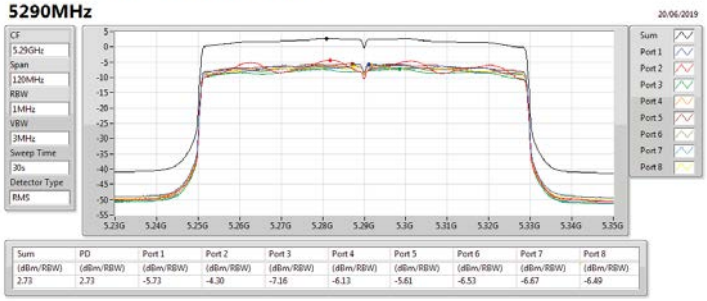
5670MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.74	2.74	-6.11	-4.35	-7.64	-7.05	-4.73	-6.48	-6.78	-6.92

802.11ax HEW80_Nss1,(MCS0)_8TX PSD

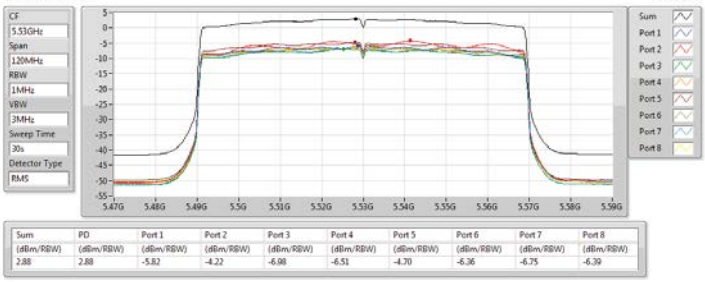
5290MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.73	2.73	-5.73	-4.30	-7.16	-6.13	-5.61	-6.53	-6.67	-6.49

802.11ax HEW80_Nss1,(MCS0)_8TX PSD

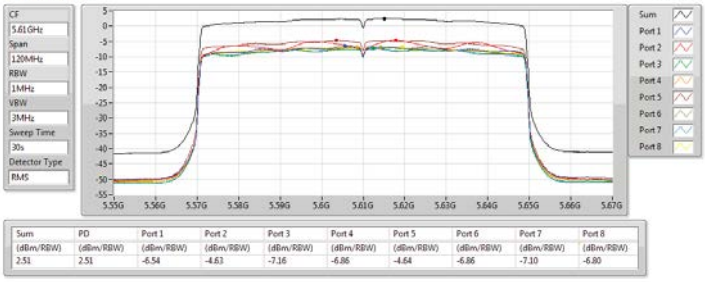
5530MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.88	2.88	-5.82	-4.22	-6.98	-6.51	-4.70	-6.36	-6.75	-6.39

802.11ax HEW80_Nss1,(MCS0)_8TX PSD

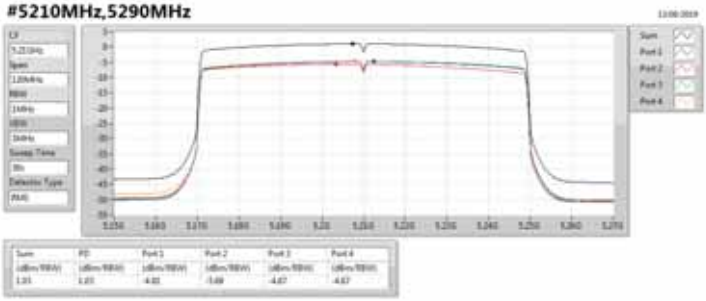
5610MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.51	2.51	-6.54	-4.63	-7.16	-6.86	-4.64	-6.86	-7.10	-6.80

802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port1&Port2&Port3&Port4) PSD

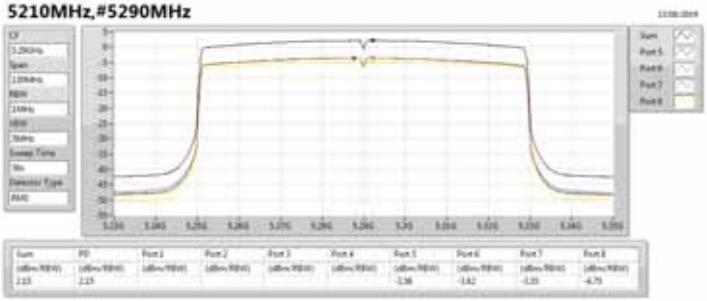
#5210MHz,5290MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)
1.31	1.23	-4.01	-3.89	-4.07	-4.07

802.11ax HEW80+80_Nss1,(MCS0)_4TX(Port5&Port6&Port7&Port8) PSD

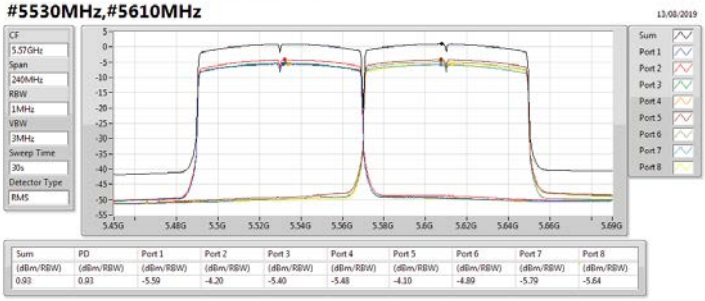
5210MHz,#5290MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
2.13	2.23	-3.36	-3.62	-3.55	-4.79				

802.11ax HEW80+80_Nss1,(MCS0)_8TX PSD

#5530MHz,#5610MHz



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	Port 6 (dBm/RBW)	Port 7 (dBm/RBW)	Port 8 (dBm/RBW)
0.93	0.93	-5.59	-4.20	-5.40	-5.48	-4.10	-4.89	-5.79	-5.64

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.78	16.79
802.11ac VHT20_Nss1,(MCS0)_2TX	8.90	16.91
802.11ac VHT40_Nss1,(MCS0)_2TX	7.43	15.44
802.11ac VHT80_Nss1,(MCS0)_2TX	-7.81	0.20
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.93	16.94
802.11ac VHT20_Nss1,(MCS0)_2TX	8.66	16.67
802.11ac VHT40_Nss1,(MCS0)_2TX	7.31	15.32
802.11ac VHT80_Nss1,(MCS0)_2TX	2.94	10.95

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

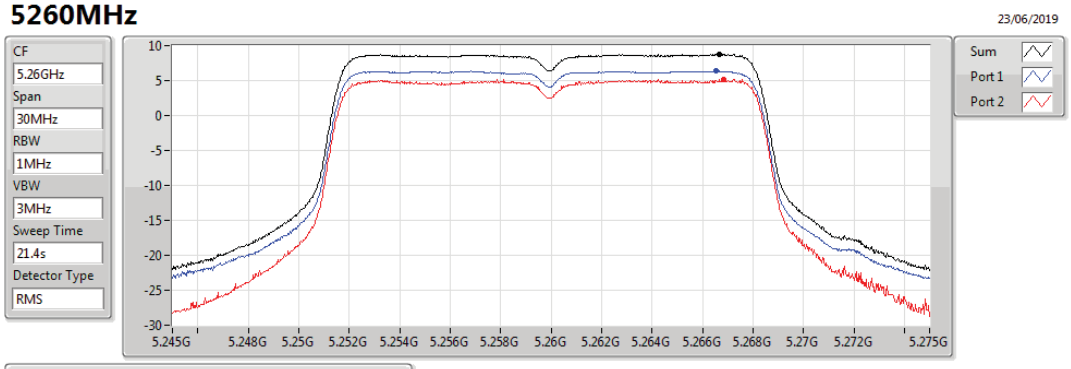
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.01	6.33	5.21	8.78	8.99	16.79	17.00
5300MHz_TnomVnom	Pass	8.01	6.20	5.02	8.64	8.99	16.65	17.00
5320MHz_TnomVnom	Pass	8.01	6.18	5.06	8.64	8.99	16.65	17.00
5500MHz_TnomVnom	Pass	8.01	5.37	5.75	8.54	8.99	16.55	17.00
5580MHz_TnomVnom	Pass	8.01	4.94	6.74	8.93	8.99	16.94	17.00
5700MHz_TnomVnom	Pass	8.01	4.68	6.39	8.56	8.99	16.57	17.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.01	6.01	5.79	8.90	8.99	16.91	17.00
5300MHz_TnomVnom	Pass	8.01	6.18	4.94	8.55	8.99	16.56	17.00
5320MHz_TnomVnom	Pass	8.01	6.26	5.26	8.73	8.99	16.74	17.00
5500MHz_TnomVnom	Pass	8.01	5.18	5.54	8.35	8.99	16.36	17.00
5580MHz_TnomVnom	Pass	8.01	5.34	5.98	8.66	8.99	16.67	17.00
5700MHz_TnomVnom	Pass	8.01	3.37	5.16	7.35	8.99	15.36	17.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.01	4.29	4.59	7.43	8.99	15.44	17.00
5310MHz_TnomVnom	Pass	8.01	-2.28	-2.08	0.78	8.99	8.79	17.00
5510MHz_TnomVnom	Pass	8.01	-1.55	-1.35	1.56	8.99	9.57	17.00
5550MHz_TnomVnom	Pass	8.01	4.09	4.52	7.31	8.99	15.32	17.00
5670MHz_TnomVnom	Pass	8.01	3.07	3.65	6.36	8.99	14.37	17.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.01	-10.98	-10.40	-7.81	8.99	0.20	17.00
5530MHz_TnomVnom	Pass	8.01	-7.94	-6.67	-4.27	8.99	3.74	17.00
5610MHz_TnomVnom	Pass	8.01	-0.31	0.20	2.94	8.99	10.95	17.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

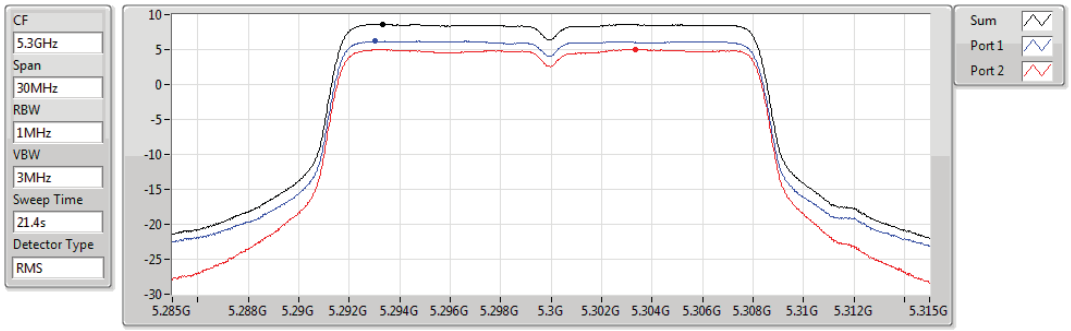
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	6.33	5.21

802.11a_Nss1,(6Mbps)_2TX PSD

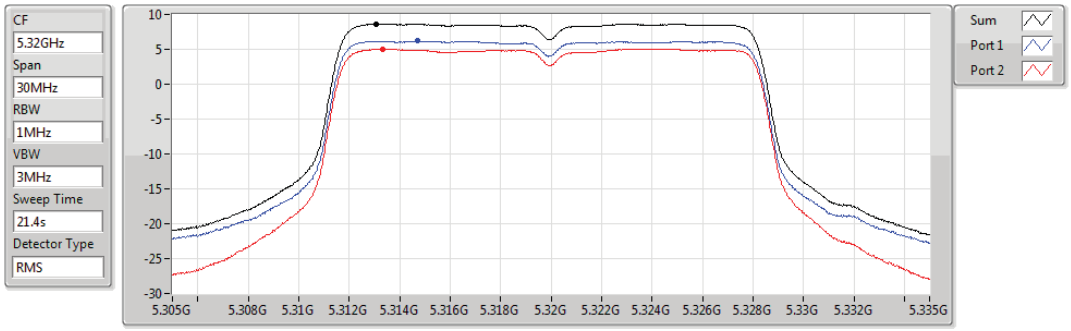
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	6.20	5.02

802.11a_Nss1,(6Mbps)_2TX PSD

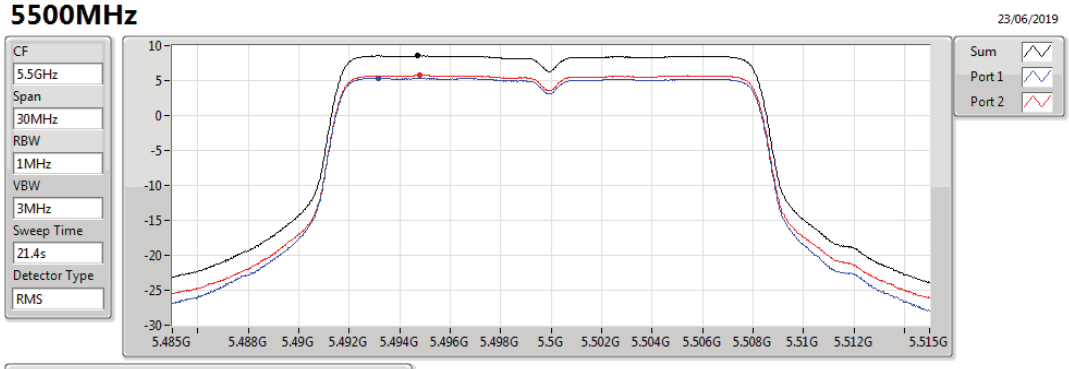
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	6.18	5.06

802.11a_Nss1,(6Mbps)_2TX **PSD**

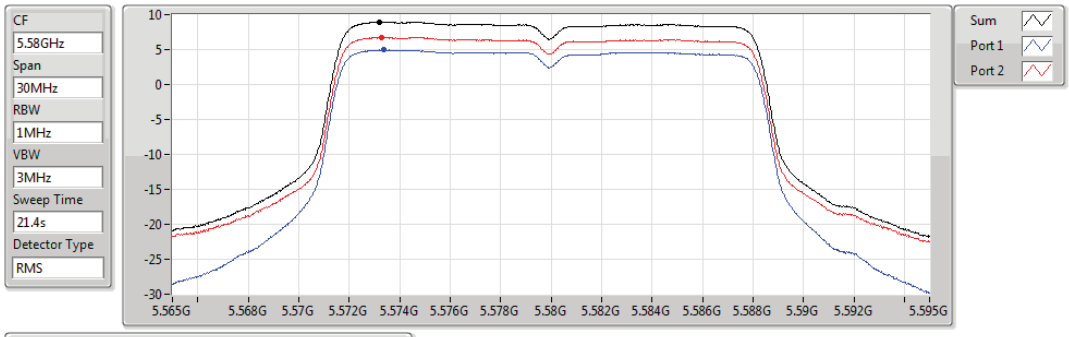
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	5.37	5.75

802.11a_Nss1,(6Mbps)_2TX **PSD**

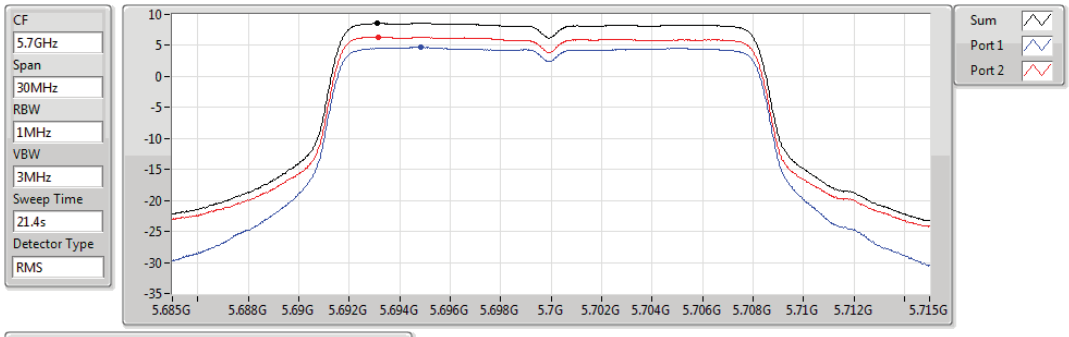
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	4.94	6.74

802.11a_Nss1,(6Mbps)_2TX **PSD**

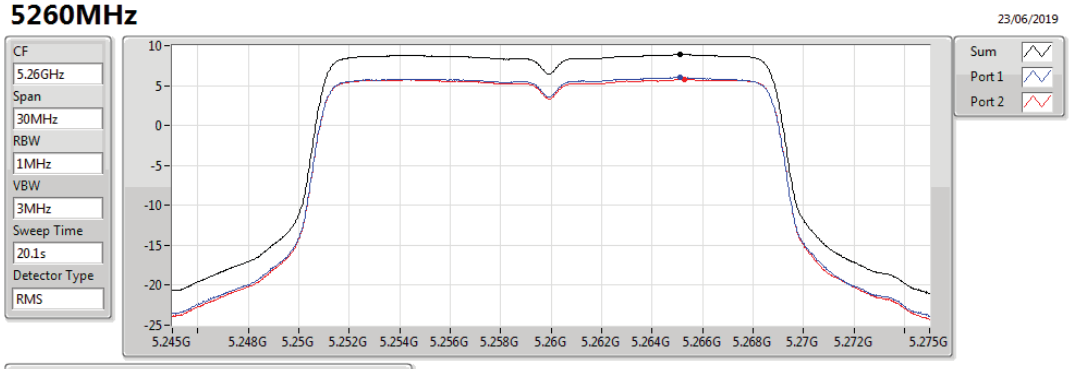
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	4.68	6.39

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

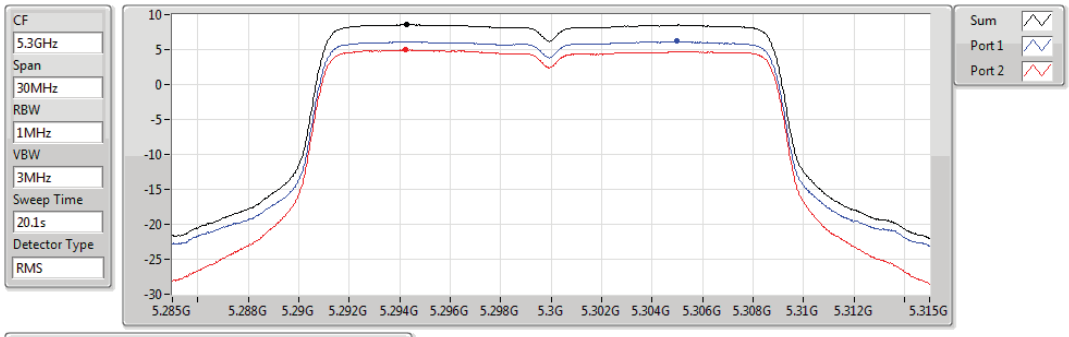
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	6.01	5.79

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

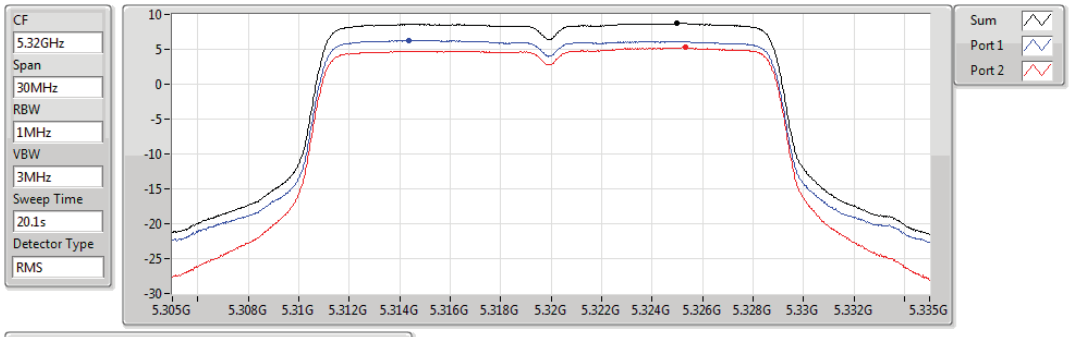
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	6.18	4.94

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

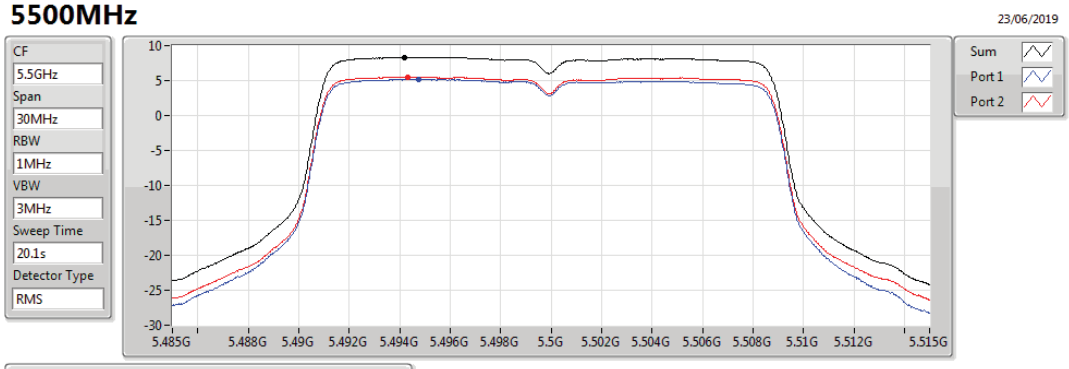
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	6.26	5.26

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

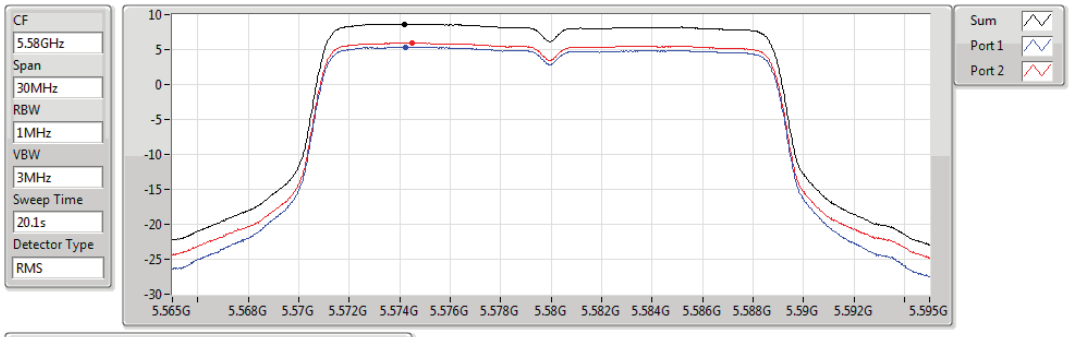
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	5.18	5.54

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

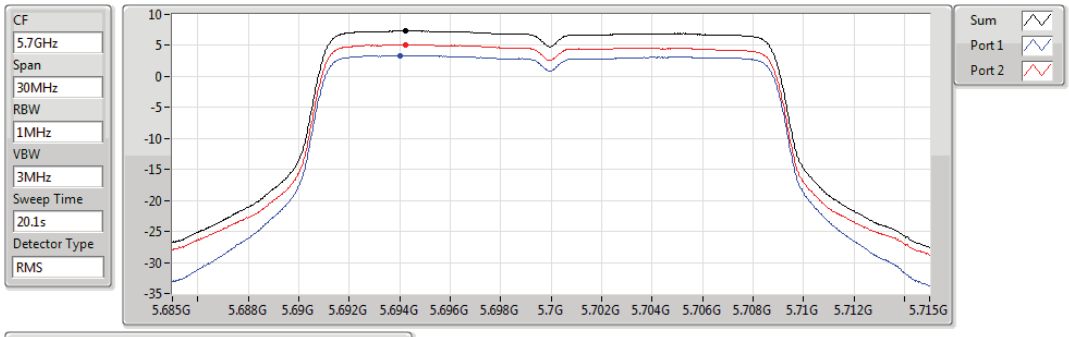
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	5.34	5.98

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

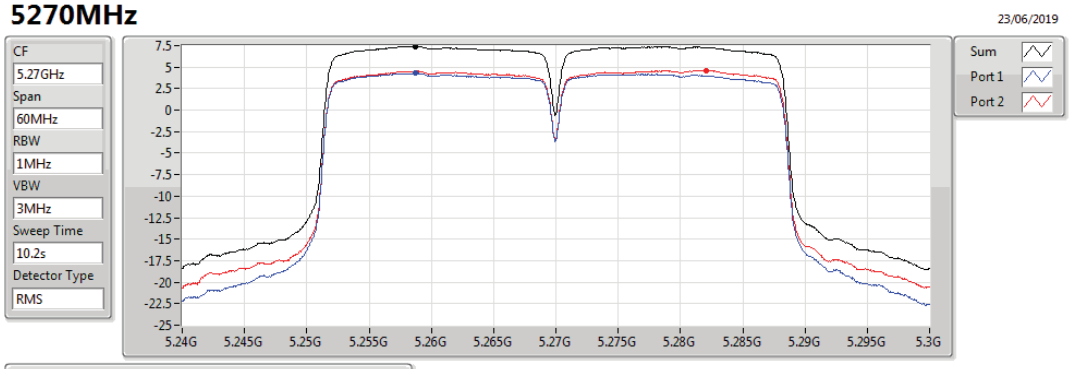
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	3.37	5.16

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

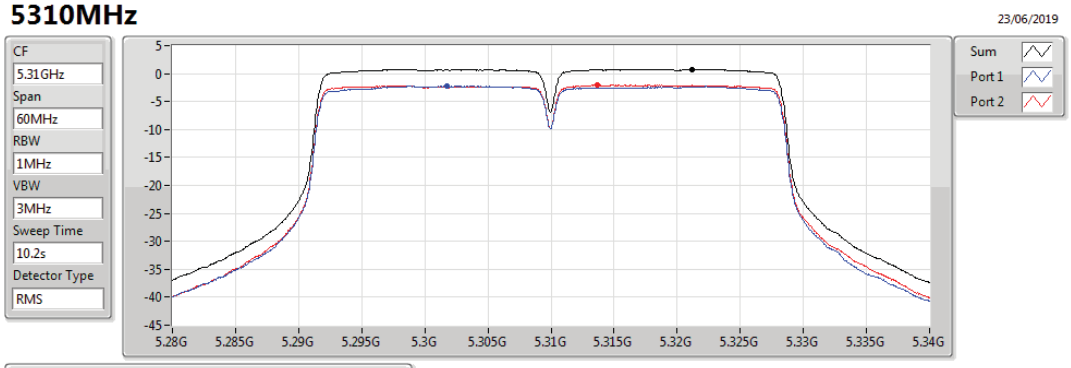
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	4.29	4.59

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

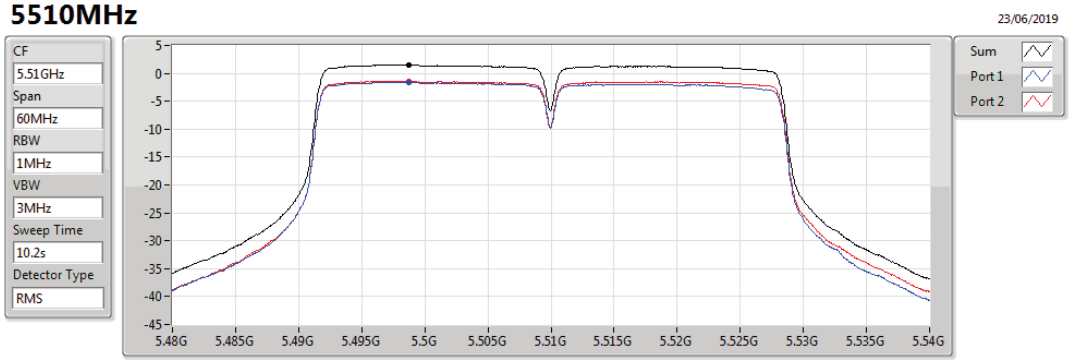
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-2.28	-2.08

802.11ac VHT40_Nss1,(MCS0)_2TX **PSD**

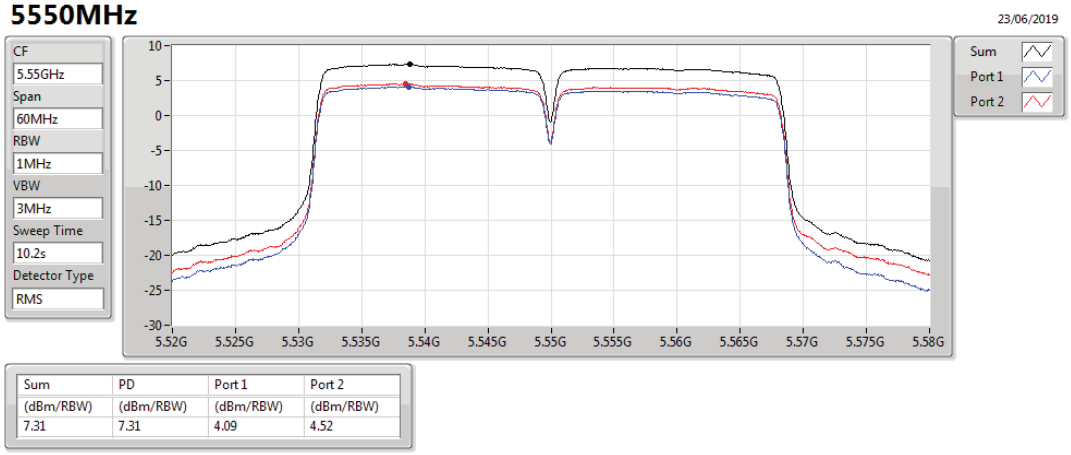
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.56	1.56	-1.55	-1.35

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

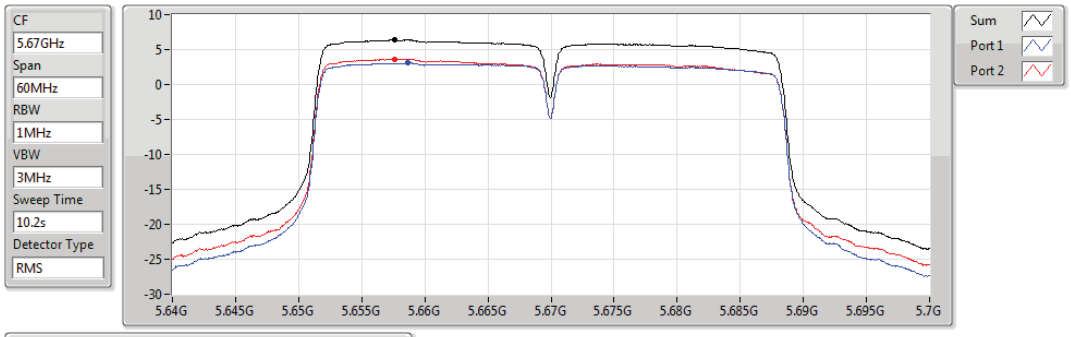
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	4.09	4.52

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

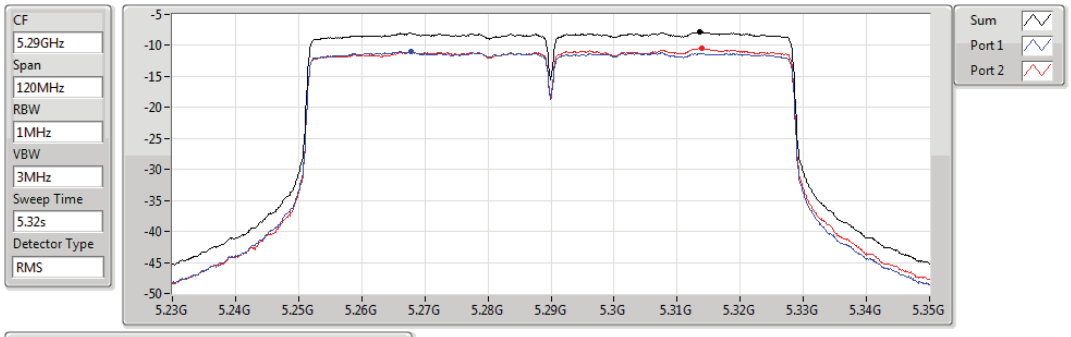
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	3.07	3.65

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

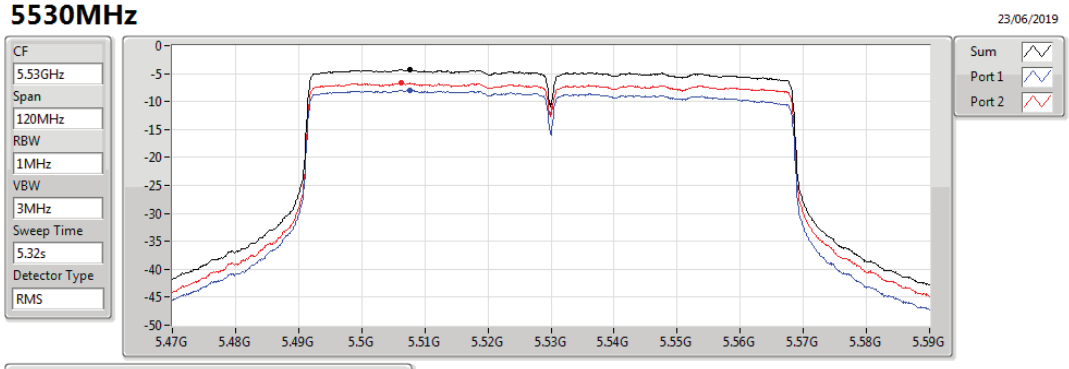
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.81	-7.81	-10.98	-10.40

802.11ac VHT80_Nss1,(MCS0)_2TX **PSD**

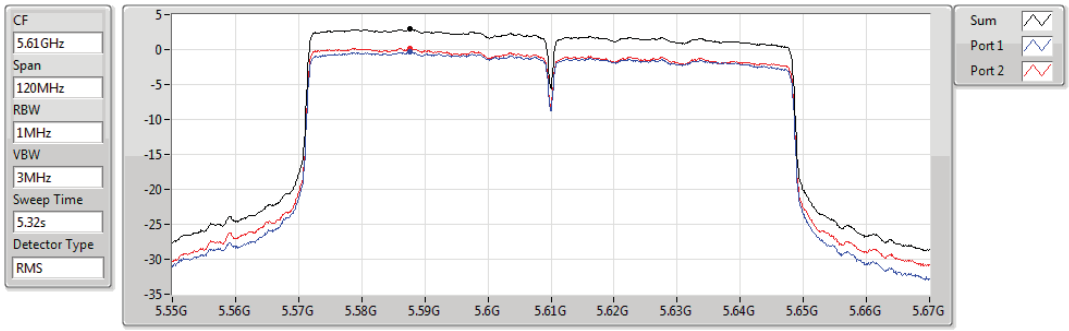
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.27	-4.27	-7.94	-6.67

802.11ac VHT80_Nss1,(MCS0)_2TX **PSD**

5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	-0.31	0.20

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	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.3526G	53.53	54.00	-0.47	4.72	3	Vertical	0	2.35	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	10.58866G	67.50	68.20	-0.70	15.33	3	Horizontal	324	2.77	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3556G	52.84	54.00	-1.16	9.42	3	Vertical	34	1.30	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.04	54.00	-0.96	9.42	3	Horizontal	351	2.14	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.7252G	67.95	68.20	-0.25	5.38	3	Horizontal	353	1.20	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.7256G	67.49	68.20	-0.71	5.38	3	Horizontal	357	2.29	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.4632G	67.70	68.20	-0.50	9.63	3	Vertical	352	2.21	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.466G	68.04	68.20	-0.16	9.63	3	Horizontal	14	1.42	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1226G	44.54	54.00	-9.46	4.32	3	Vertical	25	1.48	-
5260MHz	Pass	AV	5.2672G	109.05	Inf	-Inf	4.57	3	Vertical	25	1.48	-
5260MHz	Pass	AV	5.3632G	45.72	54.00	-8.28	4.74	3	Vertical	25	1.48	-
5260MHz	Pass	PK	5.1106G	56.74	74.00	-17.26	4.30	3	Vertical	25	1.48	-
5260MHz	Pass	PK	5.2666G	118.29	Inf	-Inf	4.57	3	Vertical	25	1.48	-
5260MHz	Pass	PK	5.3644G	57.33	74.00	-16.67	4.75	3	Vertical	25	1.48	-
5260MHz	Pass	AV	5.1394G	44.93	54.00	-9.07	4.35	3	Horizontal	3	2.00	-
5260MHz	Pass	AV	5.2534G	109.74	Inf	-Inf	4.55	3	Horizontal	3	2.00	-
5260MHz	Pass	AV	5.3512G	46.22	54.00	-7.78	4.72	3	Horizontal	3	2.00	-
5260MHz	Pass	PK	5.1466G	56.76	74.00	-17.24	4.36	3	Horizontal	3	2.00	-
5260MHz	Pass	PK	5.2534G	119.51	Inf	-Inf	4.55	3	Horizontal	3	2.00	-
5260MHz	Pass	PK	5.3512G	58.22	74.00	-15.78	4.72	3	Horizontal	3	2.00	-
5260MHz	Pass	PK	10.51862G	59.98	68.20	-8.22	15.16	3	Vertical	50	2.57	-
5260MHz	Pass	PK	10.51862G	67.28	68.20	-0.92	15.16	3	Horizontal	320	2.86	-
5300MHz	Pass	AV	5.3064G	111.52	Inf	-Inf	4.63	3	Vertical	28	1.39	-
5300MHz	Pass	AV	5.35G	47.73	54.00	-6.27	4.72	3	Vertical	28	1.39	-
5300MHz	Pass	PK	5.306G	121.09	Inf	-Inf	4.63	3	Vertical	28	1.39	-
5300MHz	Pass	PK	5.3668G	62.32	74.00	-11.68	4.75	3	Vertical	28	1.39	-
5300MHz	Pass	AV	5.294G	112.77	Inf	-Inf	4.62	3	Horizontal	4	2.08	-
5300MHz	Pass	AV	5.3528G	51.44	54.00	-2.56	4.72	3	Horizontal	4	2.08	-
5300MHz	Pass	PK	5.2936G	122.86	Inf	-Inf	4.62	3	Horizontal	4	2.08	-
5300MHz	Pass	PK	5.3528G	67.39	74.00	-6.61	4.72	3	Horizontal	4	2.08	-
5300MHz	Pass	PK	10.59856G	67.45	68.20	-0.75	15.35	3	Vertical	27	1.50	-
5300MHz	Pass	PK	10.59868G	67.58	68.20	-0.62	15.35	3	Horizontal	308	2.70	-
5320MHz	Pass	AV	5.314G	109.83	Inf	-Inf	4.65	3	Vertical	0	2.35	-
5320MHz	Pass	AV	5.3526G	53.53	54.00	-0.47	4.72	3	Vertical	0	2.35	-
5320MHz	Pass	PK	5.3136G	119.53	Inf	-Inf	4.65	3	Vertical	0	2.35	-
5320MHz	Pass	PK	5.3528G	70.26	74.00	-3.74	4.72	3	Vertical	0	2.35	-
5320MHz	Pass	AV	5.315G	110.14	Inf	-Inf	4.65	3	Horizontal	8	1.54	-
5320MHz	Pass	AV	5.3546G	53.18	54.00	-0.82	4.72	3	Horizontal	8	1.54	-
5320MHz	Pass	PK	5.3156G	119.65	Inf	-Inf	4.65	3	Horizontal	8	1.54	-
5320MHz	Pass	PK	5.3532G	69.51	74.00	-4.49	4.72	3	Horizontal	8	1.54	-
5320MHz	Pass	AV	10.64198G	42.56	54.00	-11.44	15.44	3	Vertical	25	2.38	-
5320MHz	Pass	PK	10.63862G	64.62	74.00	-9.38	15.44	3	Vertical	25	2.38	-
5320MHz	Pass	AV	10.63988G	49.09	54.00	-4.91	15.44	3	Horizontal	311	2.55	-
5320MHz	Pass	PK	10.6412G	62.46	74.00	-11.54	15.44	3	Horizontal	311	2.55	-
5500MHz	Pass	AV	5.4548G	46.26	54.00	-7.74	4.89	3	Vertical	17	1.75	-
5500MHz	Pass	AV	5.495G	107.45	Inf	-Inf	4.96	3	Vertical	17	1.75	-
5500MHz	Pass	PK	5.469G	61.01	68.20	-7.19	4.92	3	Vertical	17	1.75	-
5500MHz	Pass	PK	5.4956G	117.10	Inf	-Inf	4.96	3	Vertical	17	1.75	-
5500MHz	Pass	AV	5.46G	48.02	54.00	-5.98	4.90	3	Horizontal	357	2.38	-
5500MHz	Pass	AV	5.502G	108.28	Inf	-Inf	4.97	3	Horizontal	357	2.38	-
5500MHz	Pass	PK	5.4698G	67.88	68.20	-0.32	4.92	3	Horizontal	357	2.38	-
5500MHz	Pass	PK	5.5018G	117.74	Inf	-Inf	4.97	3	Horizontal	357	2.38	-
5500MHz	Pass	AV	10.99988G	46.20	54.00	-7.80	16.27	3	Vertical	355	1.49	-
5500MHz	Pass	PK	10.99994G	55.09	74.00	-18.91	16.27	3	Vertical	355	1.49	-
5500MHz	Pass	AV	10.99991G	47.54	54.00	-6.46	16.27	3	Horizontal	66	2.99	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	11.00096G	58.16	74.00	-15.84	16.27	3	Horizontal	66	2.99	-
5580MHz	Pass	AV	5.4336G	45.30	54.00	-8.70	4.85	3	Vertical	37	2.99	-
5580MHz	Pass	AV	5.5866G	111.10	Inf	-Inf	5.12	3	Vertical	37	2.99	-
5580MHz	Pass	PK	5.4636G	57.74	68.20	-10.46	4.91	3	Vertical	37	2.99	-
5580MHz	Pass	PK	5.5866G	121.59	Inf	-Inf	5.12	3	Vertical	37	2.99	-
5580MHz	Pass	PK	5.7264G	57.21	68.20	-10.99	5.38	3	Vertical	37	2.99	-
5580MHz	Pass	AV	5.46G	47.41	54.00	-6.59	4.90	3	Horizontal	6	2.39	-
5580MHz	Pass	AV	5.5824G	112.93	Inf	-Inf	5.12	3	Horizontal	6	2.39	-
5580MHz	Pass	PK	5.4684G	63.03	68.20	-5.17	4.92	3	Horizontal	6	2.39	-
5580MHz	Pass	PK	5.5818G	123.28	Inf	-Inf	5.11	3	Horizontal	6	2.39	-
5580MHz	Pass	PK	5.7276G	58.40	68.20	-9.80	5.38	3	Horizontal	6	2.39	-
5580MHz	Pass	AV	11.15994G	44.65	54.00	-9.35	16.12	3	Vertical	31	1.10	-
5580MHz	Pass	PK	11.16108G	68.49	74.00	-5.51	16.12	3	Vertical	31	1.10	-
5580MHz	Pass	AV	11.15994G	45.58	54.00	-8.42	16.12	3	Horizontal	285	2.42	-
5580MHz	Pass	PK	11.16114G	66.55	74.00	-7.45	16.12	3	Horizontal	285	2.42	-
5700MHz	Pass	AV	5.6956G	105.67	Inf	-Inf	5.32	3	Vertical	350	1.70	-
5700MHz	Pass	PK	5.6956G	115.28	Inf	-Inf	5.32	3	Vertical	350	1.70	-
5700MHz	Pass	PK	5.7384G	64.18	68.20	-4.02	5.40	3	Vertical	350	1.70	-
5700MHz	Pass	AV	5.6992G	107.40	Inf	-Inf	5.33	3	Horizontal	353	1.20	-
5700MHz	Pass	PK	5.698G	116.90	Inf	-Inf	5.33	3	Horizontal	353	1.20	-
5700MHz	Pass	PK	5.7252G	67.95	68.20	-0.25	5.38	3	Horizontal	353	1.20	-
5700MHz	Pass	AV	11.4G	43.97	54.00	-10.03	15.88	3	Vertical	16	1.50	-
5700MHz	Pass	PK	11.39988G	54.58	74.00	-19.42	15.88	3	Vertical	16	1.50	-
5700MHz	Pass	AV	11.4G	44.53	54.00	-9.47	15.88	3	Horizontal	56	1.56	-
5700MHz	Pass	PK	11.39994G	54.67	74.00	-19.33	15.88	3	Horizontal	56	1.56	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1472G	46.44	54.00	-7.56	4.36	3	Vertical	336	2.16	-
5260MHz	Pass	AV	5.2666G	113.35	Inf	-Inf	4.57	3	Vertical	336	2.16	-
5260MHz	Pass	AV	5.3542G	48.87	54.00	-5.13	4.72	3	Vertical	336	2.16	-
5260MHz	Pass	PK	5.1454G	59.85	74.00	-14.15	4.36	3	Vertical	336	2.16	-
5260MHz	Pass	PK	5.266G	128.26	Inf	-Inf	4.57	3	Vertical	336	2.16	-
5260MHz	Pass	PK	5.3518G	63.64	74.00	-10.36	4.72	3	Vertical	336	2.16	-
5260MHz	Pass	AV	5.1412G	46.60	54.00	-7.40	4.36	3	Horizontal	339	2.19	-
5260MHz	Pass	AV	5.2618G	113.32	Inf	-Inf	4.56	3	Horizontal	339	2.19	-
5260MHz	Pass	AV	5.356G	48.84	54.00	-5.16	4.73	3	Horizontal	339	2.19	-
5260MHz	Pass	PK	5.1424G	60.81	74.00	-13.19	4.36	3	Horizontal	339	2.19	-
5260MHz	Pass	PK	5.2612G	128.07	Inf	-Inf	4.56	3	Horizontal	339	2.19	-
5260MHz	Pass	PK	5.3572G	67.70	74.00	-6.30	4.73	3	Horizontal	339	2.19	-
5260MHz	Pass	PK	10.51658G	62.11	68.20	-6.09	15.16	3	Vertical	50	2.58	-
5260MHz	Pass	PK	10.5173G	65.00	68.20	-3.20	15.16	3	Horizontal	322	2.07	-
5300MHz	Pass	AV	5.304G	110.49	Inf	-Inf	4.63	3	Vertical	28	1.50	-
5300MHz	Pass	AV	5.3516G	47.99	54.00	-6.01	4.72	3	Vertical	28	1.50	-
5300MHz	Pass	PK	5.3032G	123.28	Inf	-Inf	4.63	3	Vertical	28	1.50	-
5300MHz	Pass	PK	5.3504G	61.04	74.00	-12.96	4.72	3	Vertical	28	1.50	-
5300MHz	Pass	AV	5.296G	111.38	Inf	-Inf	4.62	3	Horizontal	8	1.90	-
5300MHz	Pass	AV	5.3556G	50.14	54.00	-3.86	4.72	3	Horizontal	8	1.90	-
5300MHz	Pass	PK	5.2956G	124.03	Inf	-Inf	4.62	3	Horizontal	8	1.90	-
5300MHz	Pass	PK	5.356G	65.19	74.00	-8.81	4.73	3	Horizontal	8	1.90	-
5300MHz	Pass	PK	10.6G	54.14	68.20	-14.06	15.35	3	Vertical	49	1.59	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz	Pass	PK	10.58866G	67.50	68.20	-0.70	15.33	3	Horizontal	324	2.77	-
5320MHz	Pass	AV	5.3182G	108.99	Inf	-Inf	4.66	3	Vertical	8	1.76	-
5320MHz	Pass	AV	5.3508G	52.56	54.00	-1.44	4.72	3	Vertical	8	1.76	-
5320MHz	Pass	PK	5.319G	121.66	Inf	-Inf	4.66	3	Vertical	8	1.76	-
5320MHz	Pass	PK	5.3512G	68.56	74.00	-5.44	4.72	3	Vertical	8	1.76	-
5320MHz	Pass	AV	5.3208G	109.26	Inf	-Inf	4.66	3	Horizontal	6	1.50	-
5320MHz	Pass	AV	5.3544G	52.16	54.00	-1.84	4.72	3	Horizontal	6	1.50	-
5320MHz	Pass	PK	5.321G	122.54	Inf	-Inf	4.66	3	Horizontal	6	1.50	-
5320MHz	Pass	PK	5.3552G	69.07	74.00	-4.93	4.72	3	Horizontal	6	1.50	-
5320MHz	Pass	AV	10.64G	42.73	54.00	-11.27	15.44	3	Vertical	52	2.12	-
5320MHz	Pass	PK	10.63598G	54.68	74.00	-19.32	15.44	3	Vertical	52	2.12	-
5320MHz	Pass	AV	10.63988G	42.96	54.00	-11.04	15.44	3	Horizontal	93	2.30	-
5320MHz	Pass	PK	10.6361G	58.58	74.00	-15.42	15.44	3	Horizontal	93	2.30	-
5500MHz	Pass	AV	5.46G	47.06	54.00	-6.94	4.90	3	Vertical	29	1.67	-
5500MHz	Pass	AV	5.5018G	106.78	Inf	-Inf	4.97	3	Vertical	29	1.67	-
5500MHz	Pass	PK	5.463G	63.41	68.20	-4.79	4.91	3	Vertical	29	1.67	-
5500MHz	Pass	PK	5.5022G	119.56	Inf	-Inf	4.97	3	Vertical	29	1.67	-
5500MHz	Pass	AV	5.46G	47.41	54.00	-6.59	4.90	3	Horizontal	9	2.39	-
5500MHz	Pass	AV	5.503G	107.78	Inf	-Inf	4.97	3	Horizontal	9	2.39	-
5500MHz	Pass	PK	5.4694G	67.44	68.20	-0.76	4.92	3	Horizontal	9	2.39	-
5500MHz	Pass	PK	5.503G	120.60	Inf	-Inf	4.97	3	Horizontal	9	2.39	-
5500MHz	Pass	AV	10.99994G	45.59	54.00	-8.41	16.27	3	Vertical	356	1.51	-
5500MHz	Pass	PK	11G	55.36	74.00	-18.64	16.27	3	Vertical	356	1.51	-
5500MHz	Pass	AV	10.99982G	46.95	54.00	-7.05	16.27	3	Horizontal	68	2.97	-
5500MHz	Pass	PK	11.00138G	57.58	74.00	-16.42	16.27	3	Horizontal	68	2.97	-
5580MHz	Pass	AV	5.4456G	46.35	54.00	-7.65	4.88	3	Vertical	10	2.10	-
5580MHz	Pass	AV	5.5866G	113.13	Inf	-Inf	5.12	3	Vertical	10	2.10	-
5580MHz	Pass	PK	5.4642G	62.25	68.20	-5.95	4.91	3	Vertical	10	2.10	-
5580MHz	Pass	PK	5.586G	127.53	Inf	-Inf	5.12	3	Vertical	10	2.10	-
5580MHz	Pass	AV	5.46G	47.02	54.00	-6.98	4.90	3	Horizontal	336	2.27	-
5580MHz	Pass	AV	5.5818G	113.24	Inf	-Inf	5.11	3	Horizontal	336	2.27	-
5580MHz	Pass	PK	5.4648G	63.54	68.20	-4.66	4.91	3	Horizontal	336	2.27	-
5580MHz	Pass	PK	5.5818G	126.84	Inf	-Inf	5.11	3	Horizontal	336	2.27	-
5580MHz	Pass	AV	11.15988G	42.64	54.00	-11.36	16.12	3	Vertical	0	2.49	-
5580MHz	Pass	PK	11.16618G	63.11	74.00	-10.89	16.11	3	Vertical	0	2.49	-
5580MHz	Pass	AV	11.15988G	43.23	54.00	-10.77	16.12	3	Horizontal	90	1.27	-
5580MHz	Pass	PK	11.166G	59.84	74.00	-14.16	16.11	3	Horizontal	90	1.27	-
5700MHz	Pass	AV	5.694G	104.97	Inf	-Inf	5.32	3	Vertical	37	1.35	-
5700MHz	Pass	PK	5.694G	116.98	Inf	-Inf	5.32	3	Vertical	37	1.35	-
5700MHz	Pass	PK	5.732G	62.17	68.20	-6.03	5.39	3	Vertical	37	1.35	-
5700MHz	Pass	AV	5.696G	106.16	Inf	-Inf	5.32	3	Horizontal	357	2.29	-
5700MHz	Pass	PK	5.6956G	118.72	Inf	-Inf	5.32	3	Horizontal	357	2.29	-
5700MHz	Pass	PK	5.7256G	67.49	68.20	-0.71	5.38	3	Horizontal	357	2.29	-
5700MHz	Pass	AV	11.39982G	43.38	54.00	-10.62	15.88	3	Vertical	266	1.49	-
5700MHz	Pass	PK	11.39982G	54.11	74.00	-19.89	15.88	3	Vertical	266	1.49	-
5700MHz	Pass	AV	11.39994G	43.69	54.00	-10.31	15.88	3	Horizontal	59	1.49	-
5700MHz	Pass	PK	11.40006G	54.42	74.00	-19.58	15.88	3	Horizontal	59	1.49	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2796G	107.95	Inf	-Inf	9.29	3	Vertical	351	1.12	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.36G	51.04	54.00	-2.96	9.43	3	Vertical	351	1.12	-
5270MHz	Pass	PK	5.2796G	120.86	Inf	-Inf	9.29	3	Vertical	351	1.12	-
5270MHz	Pass	PK	5.3604G	64.48	74.00	-9.52	9.43	3	Vertical	351	1.12	-
5270MHz	Pass	AV	5.2808G	108.52	Inf	-Inf	9.29	3	Horizontal	355	2.30	-
5270MHz	Pass	AV	5.35G	52.77	54.00	-1.23	9.42	3	Horizontal	355	2.30	-
5270MHz	Pass	PK	5.2804G	121.14	Inf	-Inf	9.29	3	Horizontal	355	2.30	-
5270MHz	Pass	PK	5.3508G	67.55	74.00	-6.45	9.42	3	Horizontal	355	2.30	-
5270MHz	Pass	PK	10.53871G	63.52	68.20	-4.68	18.99	3	Vertical	0	2.41	-
5270MHz	Pass	PK	10.53874G	58.60	68.20	-9.60	18.99	3	Horizontal	24	2.95	-
5310MHz	Pass	AV	5.316G	104.97	Inf	-Inf	9.35	3	Vertical	34	1.30	-
5310MHz	Pass	AV	5.3556G	52.84	54.00	-1.16	9.42	3	Vertical	34	1.30	-
5310MHz	Pass	PK	5.3156G	117.44	Inf	-Inf	9.35	3	Vertical	34	1.30	-
5310MHz	Pass	PK	5.356G	68.38	74.00	-5.62	9.43	3	Vertical	34	1.30	-
5310MHz	Pass	AV	5.3036G	105.31	Inf	-Inf	9.33	3	Horizontal	354	1.93	-
5310MHz	Pass	AV	5.352G	51.74	54.00	-2.26	9.42	3	Horizontal	354	1.93	-
5310MHz	Pass	PK	5.3024G	117.82	Inf	-Inf	9.33	3	Horizontal	354	1.93	-
5310MHz	Pass	PK	5.362G	71.15	74.00	-2.85	9.43	3	Horizontal	354	1.93	-
5310MHz	Pass	AV	10.61994G	45.42	54.00	-8.58	19.09	3	Vertical	0	2.35	-
5310MHz	Pass	PK	10.61856G	58.43	74.00	-15.57	19.08	3	Vertical	0	2.35	-
5310MHz	Pass	AV	10.61988G	48.11	54.00	-5.89	19.09	3	Horizontal	27	2.98	-
5310MHz	Pass	PK	10.62006G	57.87	74.00	-16.13	19.09	3	Horizontal	27	2.98	-
5510MHz	Pass	AV	5.46G	48.70	54.00	-5.30	9.62	3	Vertical	352	2.21	-
5510MHz	Pass	AV	5.5036G	104.10	Inf	-Inf	9.70	3	Vertical	352	2.21	-
5510MHz	Pass	PK	5.4632G	67.70	68.20	-0.50	9.63	3	Vertical	352	2.21	-
5510MHz	Pass	PK	5.5024G	116.76	Inf	-Inf	9.69	3	Vertical	352	2.21	-
5510MHz	Pass	AV	5.4572G	49.27	54.00	-4.73	9.61	3	Horizontal	12	1.55	-
5510MHz	Pass	AV	5.5052G	104.27	Inf	-Inf	9.70	3	Horizontal	12	1.55	-
5510MHz	Pass	PK	5.4648G	67.48	68.20	-0.72	9.63	3	Horizontal	12	1.55	-
5510MHz	Pass	PK	5.5048G	117.68	Inf	-Inf	9.70	3	Horizontal	12	1.55	-
5510MHz	Pass	AV	11.02108G	43.05	54.00	-10.95	19.54	3	Vertical	290	2.88	-
5510MHz	Pass	PK	11.01202G	56.94	74.00	-17.06	19.56	3	Vertical	290	2.88	-
5510MHz	Pass	AV	11.02126G	43.07	54.00	-10.93	19.54	3	Horizontal	142	2.98	-
5510MHz	Pass	PK	11.02432G	57.17	74.00	-16.83	19.54	3	Horizontal	142	2.98	-
5550MHz	Pass	AV	5.4594G	50.02	54.00	-3.98	9.62	3	Vertical	40	1.40	-
5550MHz	Pass	AV	5.5566G	105.93	Inf	-Inf	9.78	3	Vertical	40	1.40	-
5550MHz	Pass	PK	5.4606G	62.33	68.20	-5.87	9.62	3	Vertical	40	1.40	-
5550MHz	Pass	PK	5.5566G	118.89	Inf	-Inf	9.78	3	Vertical	40	1.40	-
5550MHz	Pass	AV	5.46G	50.96	54.00	-3.04	9.62	3	Horizontal	11	2.71	-
5550MHz	Pass	AV	5.559G	106.37	Inf	-Inf	9.78	3	Horizontal	11	2.71	-
5550MHz	Pass	PK	5.4624G	67.49	68.20	-0.71	9.62	3	Horizontal	11	2.71	-
5550MHz	Pass	PK	5.5596G	119.57	Inf	-Inf	9.78	3	Horizontal	11	2.71	-
5550MHz	Pass	AV	11.1G	44.66	54.00	-9.34	19.50	3	Vertical	172	1.02	-
5550MHz	Pass	PK	11.09972G	56.52	74.00	-17.48	19.50	3	Vertical	172	1.02	-
5550MHz	Pass	AV	11.0999G	45.04	54.00	-8.96	19.50	3	Horizontal	4	1.49	-
5550MHz	Pass	PK	11.10008G	56.34	74.00	-17.66	19.50	3	Horizontal	4	1.49	-
5670MHz	Pass	AV	5.6676G	102.71	Inf	-Inf	9.97	3	Vertical	32	1.50	-
5670MHz	Pass	PK	5.6682G	116.00	Inf	-Inf	9.98	3	Vertical	32	1.50	-
5670MHz	Pass	PK	5.7252G	66.27	68.20	-1.93	10.08	3	Vertical	32	1.50	-
5670MHz	Pass	AV	5.6742G	103.79	Inf	-Inf	9.99	3	Horizontal	357	1.90	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	PK	5.6736G	116.14	Inf	-Inf	9.99	3	Horizontal	357	1.90	-
5670MHz	Pass	PK	5.7252G	67.37	68.20	-0.83	10.08	3	Horizontal	357	1.90	-
5670MHz	Pass	AV	11.3397G	45.26	54.00	-8.74	19.36	3	Vertical	261	1.52	-
5670MHz	Pass	PK	11.33196G	57.48	74.00	-16.52	19.36	3	Vertical	261	1.52	-
5670MHz	Pass	AV	11.33988G	45.09	54.00	-8.91	19.36	3	Horizontal	38	1.50	-
5670MHz	Pass	PK	11.32566G	57.52	74.00	-16.48	19.37	3	Horizontal	38	1.50	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.15G	47.36	54.00	-6.64	9.06	3	Vertical	353	1.05	-
5290MHz	Pass	AV	5.289G	101.68	Inf	-Inf	9.31	3	Vertical	353	1.05	-
5290MHz	Pass	AV	5.35G	52.35	54.00	-1.65	9.42	3	Vertical	353	1.05	-
5290MHz	Pass	PK	5.149G	59.59	74.00	-14.41	9.06	3	Vertical	353	1.05	-
5290MHz	Pass	PK	5.269G	114.59	Inf	-Inf	9.28	3	Vertical	353	1.05	-
5290MHz	Pass	PK	5.35G	68.64	74.00	-5.36	9.42	3	Vertical	353	1.05	-
5290MHz	Pass	AV	5.149G	48.09	54.00	-5.91	9.06	3	Horizontal	351	2.14	-
5290MHz	Pass	AV	5.289G	102.31	Inf	-Inf	9.31	3	Horizontal	351	2.14	-
5290MHz	Pass	AV	5.35G	53.04	54.00	-0.96	9.42	3	Horizontal	351	2.14	-
5290MHz	Pass	PK	5.149G	60.51	74.00	-13.49	9.06	3	Horizontal	351	2.14	-
5290MHz	Pass	PK	5.288G	115.01	Inf	-Inf	9.31	3	Horizontal	351	2.14	-
5290MHz	Pass	PK	5.351G	69.38	74.00	-4.62	9.42	3	Horizontal	351	2.14	-
5290MHz	Pass	PK	10.58G	58.54	68.20	-9.66	19.04	3	Vertical	47	1.50	-
5290MHz	Pass	PK	10.58012G	59.09	68.20	-9.11	19.04	3	Horizontal	313	2.70	-
5530MHz	Pass	AV	5.452G	51.26	54.00	-2.74	9.61	3	Vertical	55	1.64	-
5530MHz	Pass	AV	5.532G	98.69	Inf	-Inf	9.74	3	Vertical	55	1.64	-
5530MHz	Pass	PK	5.469G	66.12	68.20	-2.08	9.64	3	Vertical	55	1.64	-
5530MHz	Pass	PK	5.533G	110.80	Inf	-Inf	9.75	3	Vertical	55	1.64	-
5530MHz	Pass	PK	5.779G	60.40	68.20	-7.80	10.17	3	Vertical	55	1.64	-
5530MHz	Pass	AV	5.453G	53.83	54.00	-0.17	9.61	3	Horizontal	14	1.42	-
5530MHz	Pass	AV	5.515G	100.75	Inf	-Inf	9.72	3	Horizontal	14	1.42	-
5530MHz	Pass	PK	5.466G	68.04	68.20	-0.16	9.63	3	Horizontal	14	1.42	-
5530MHz	Pass	PK	5.514G	114.56	Inf	-Inf	9.72	3	Horizontal	14	1.42	-
5530MHz	Pass	PK	5.76G	61.34	68.20	-6.86	10.13	3	Horizontal	14	1.42	-
5530MHz	Pass	AV	11.07224G	43.73	54.00	-10.27	19.52	3	Vertical	272	1.38	-
5530MHz	Pass	PK	11.05166G	56.97	74.00	-17.03	19.54	3	Vertical	272	1.38	-
5530MHz	Pass	AV	11.0726G	44.77	54.00	-9.23	19.52	3	Horizontal	0	1.08	-
5530MHz	Pass	PK	11.06372G	57.96	74.00	-16.04	19.52	3	Horizontal	0	1.08	-
5610MHz	Pass	AV	5.451G	48.30	54.00	-5.70	9.60	3	Vertical	0	2.42	-
5610MHz	Pass	AV	5.611G	101.56	Inf	-Inf	9.89	3	Vertical	0	2.42	-
5610MHz	Pass	PK	5.469G	61.92	68.20	-6.28	9.64	3	Vertical	0	2.42	-
5610MHz	Pass	PK	5.609G	113.60	Inf	-Inf	9.88	3	Vertical	0	2.42	-
5610MHz	Pass	PK	5.731G	66.80	68.20	-1.40	10.08	3	Vertical	0	2.42	-
5610MHz	Pass	AV	5.459G	49.60	54.00	-4.40	9.61	3	Horizontal	357	2.75	-
5610MHz	Pass	AV	5.619G	102.79	Inf	-Inf	9.89	3	Horizontal	357	2.75	-
5610MHz	Pass	PK	5.469G	63.98	68.20	-4.22	9.64	3	Horizontal	357	2.75	-
5610MHz	Pass	PK	5.599G	115.86	Inf	-Inf	9.86	3	Horizontal	357	2.75	-
5610MHz	Pass	PK	5.739G	67.80	68.20	-0.40	10.09	3	Horizontal	357	2.75	-
5610MHz	Pass	AV	11.21298G	45.28	54.00	-8.72	19.44	3	Vertical	203	1.01	-
5610MHz	Pass	PK	11.22882G	61.54	74.00	-12.46	19.43	3	Vertical	203	1.01	-
5610MHz	Pass	AV	11.20866G	44.38	54.00	-9.62	19.44	3	Horizontal	325	2.29	-
5610MHz	Pass	PK	11.2287G	60.46	74.00	-13.54	19.43	3	Horizontal	325	2.29	-

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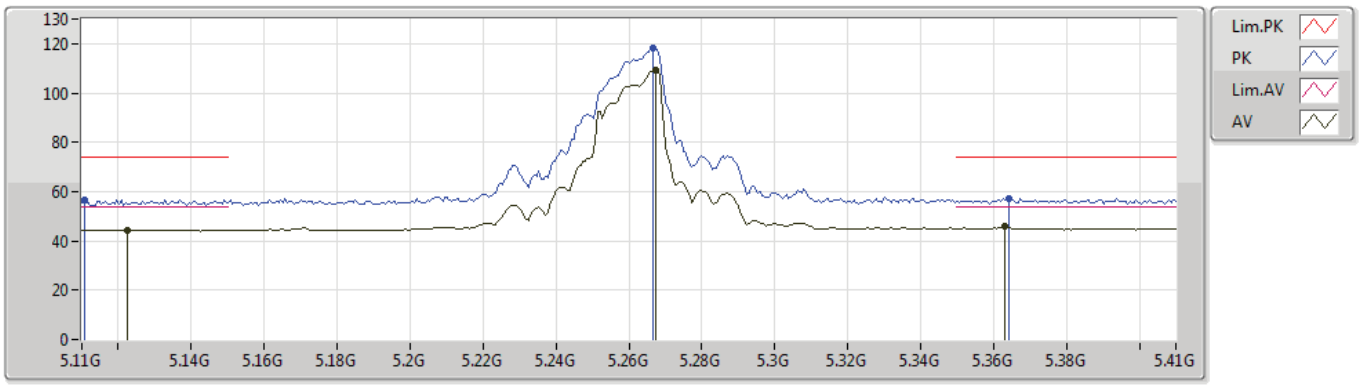
15/06/2019

5260MHz_TX

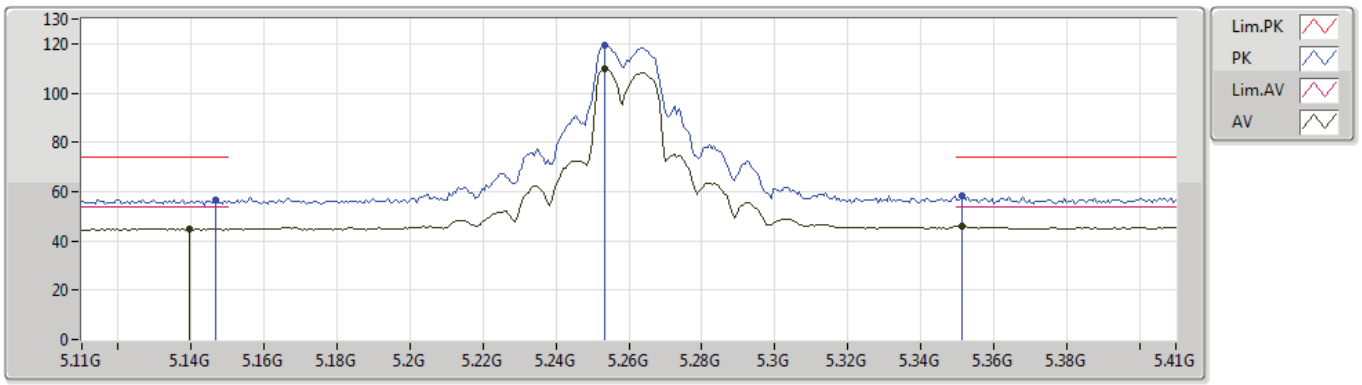


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1226G	44.54	54.00	-9.46	4.32	3	Vertical	25	1.48	-
AV	5.2672G	109.05	Inf	-Inf	4.57	3	Vertical	25	1.48	-
AV	5.3632G	45.72	54.00	-8.28	4.74	3	Vertical	25	1.48	-
PK	5.1106G	56.74	74.00	-17.26	4.30	3	Vertical	25	1.48	-
PK	5.2666G	118.29	Inf	-Inf	4.57	3	Vertical	25	1.48	-
PK	5.3644G	57.33	74.00	-16.67	4.75	3	Vertical	25	1.48	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5260MHz_TX

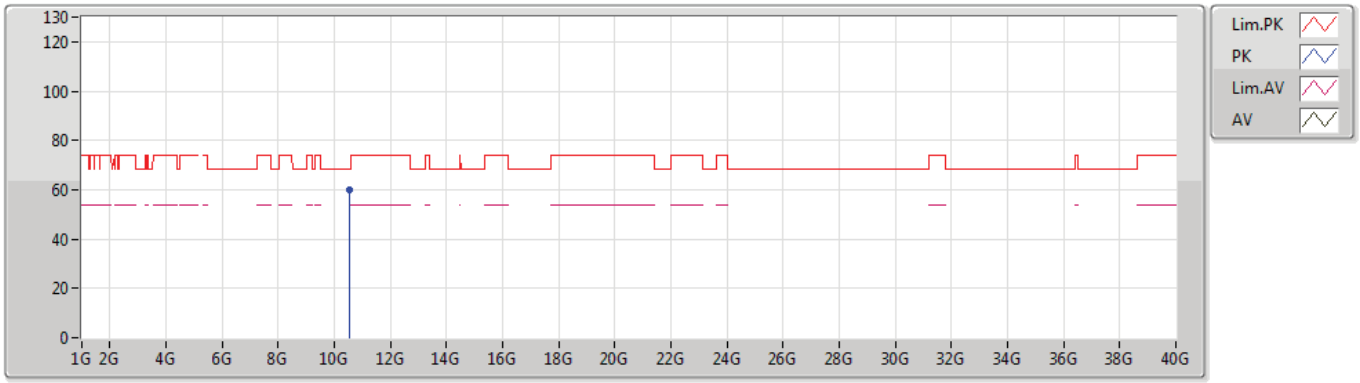


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1394G	44.93	54.00	-9.07	4.35	3	Horizontal	3	2.00	-
AV	5.2534G	109.74	Inf	-Inf	4.55	3	Horizontal	3	2.00	-
AV	5.3512G	46.22	54.00	-7.78	4.72	3	Horizontal	3	2.00	-
PK	5.1466G	56.76	74.00	-17.24	4.36	3	Horizontal	3	2.00	-
PK	5.2534G	119.51	Inf	-Inf	4.55	3	Horizontal	3	2.00	-
PK	5.3512G	58.22	74.00	-15.78	4.72	3	Horizontal	3	2.00	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

15/06/2019

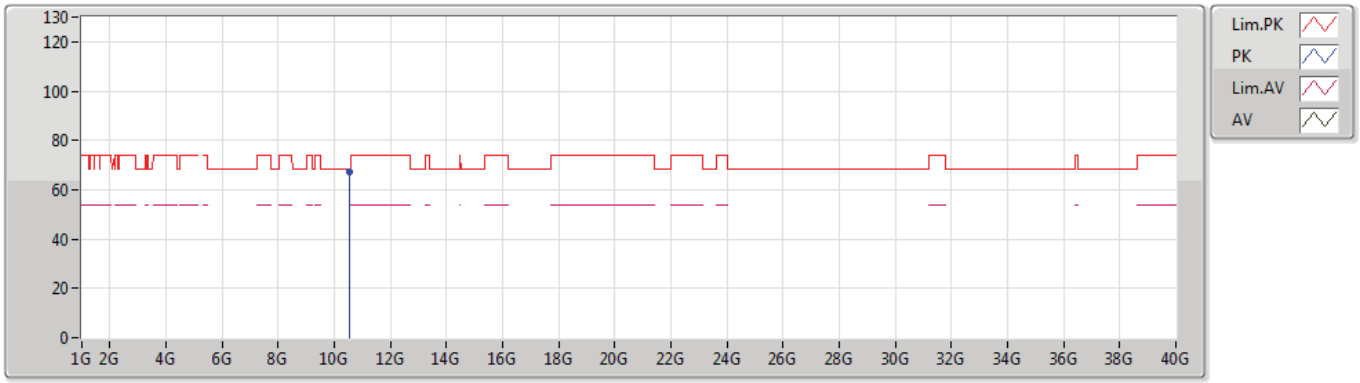


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51862G	59.98	68.20	-8.22	15.16	3	Vertical	50	2.57	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5260MHz_TX

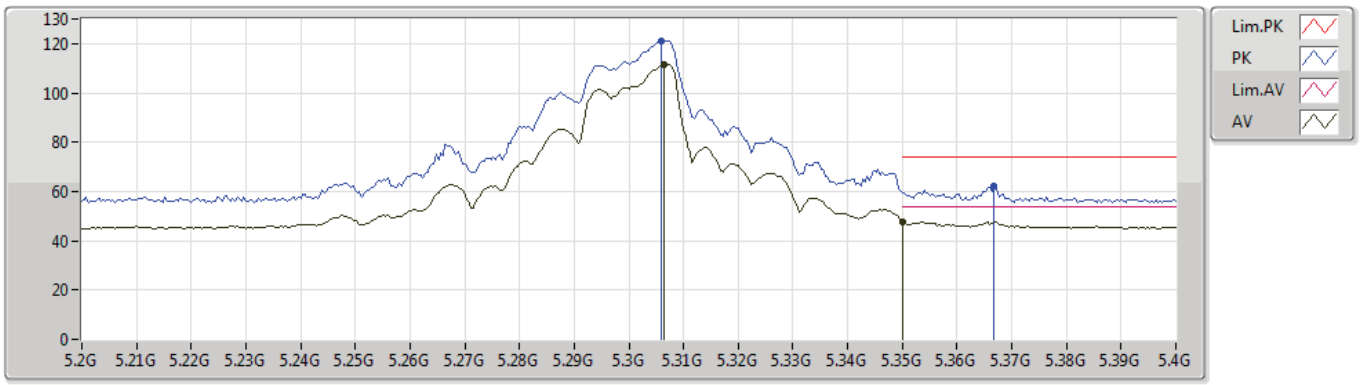


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51862G	67.28	68.20	-0.92	15.16	3	Horizontal	320	2.86	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5300MHz_TX

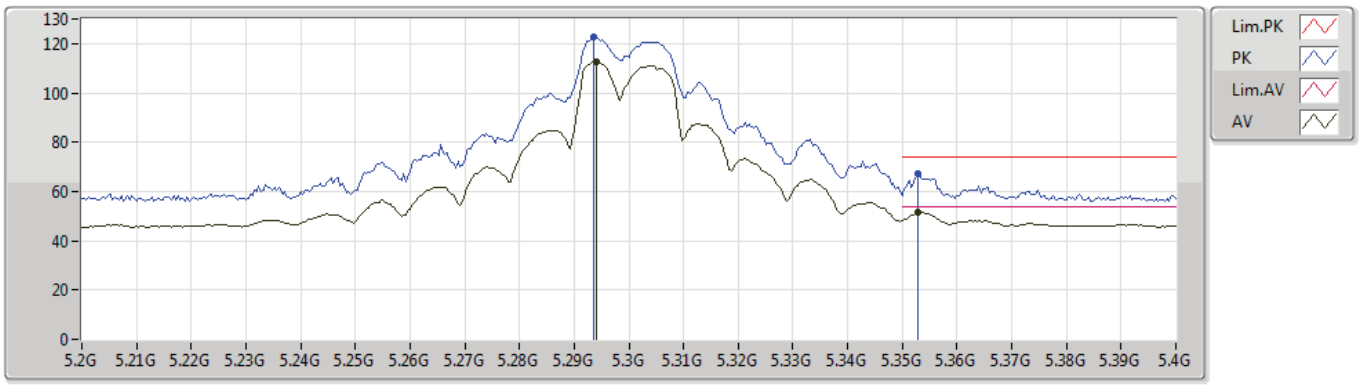


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3064G	111.52	Inf	-Inf	4.63	3	Vertical	28	1.39	-
AV	5.35G	47.73	54.00	-6.27	4.72	3	Vertical	28	1.39	-
PK	5.306G	121.09	Inf	-Inf	4.63	3	Vertical	28	1.39	-
PK	5.3668G	62.32	74.00	-11.68	4.75	3	Vertical	28	1.39	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5300MHz_TX

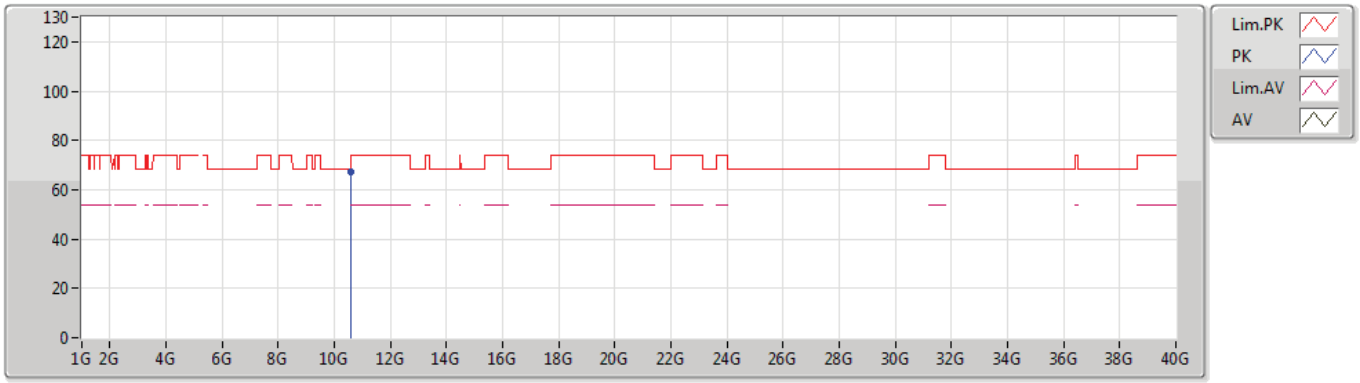


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.294G	112.77	Inf	-Inf	4.62	3	Horizontal	4	2.08	-
AV	5.3528G	51.44	54.00	-2.56	4.72	3	Horizontal	4	2.08	-
PK	5.2936G	122.86	Inf	-Inf	4.62	3	Horizontal	4	2.08	-
PK	5.3528G	67.39	74.00	-6.61	4.72	3	Horizontal	4	2.08	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5300MHz_TX

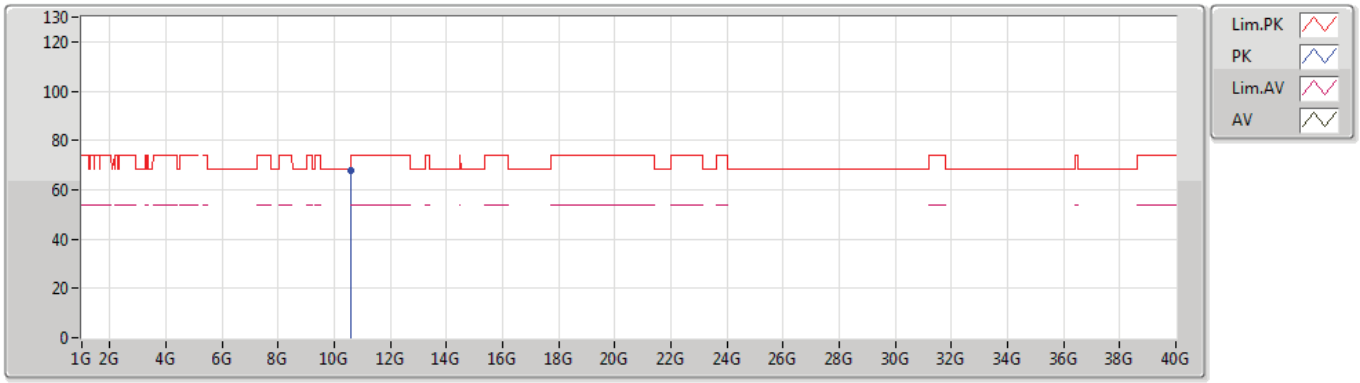


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59856G	67.45	68.20	-0.75	15.35	3	Vertical	27	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

15/06/2019

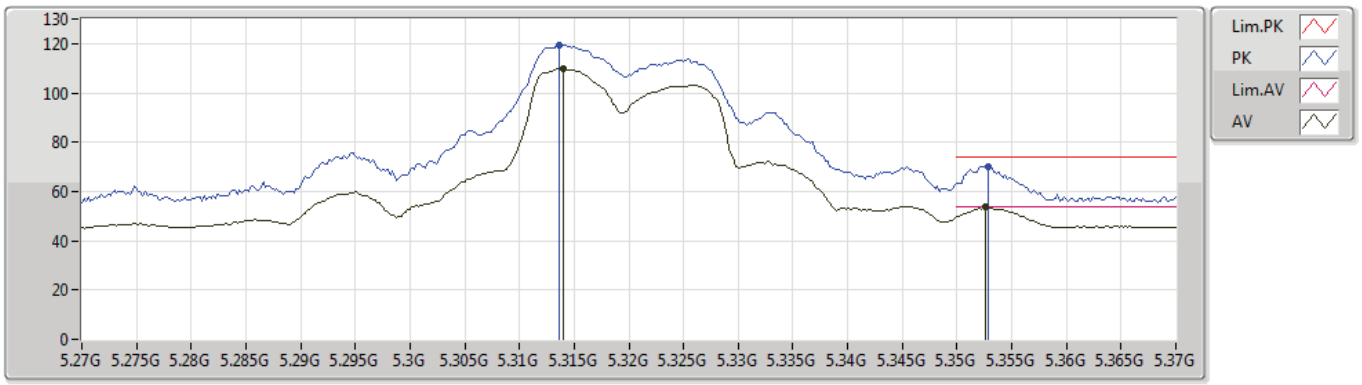


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59868G	67.58	68.20	-0.62	15.35	3	Horizontal	308	2.70	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5320MHz_TX

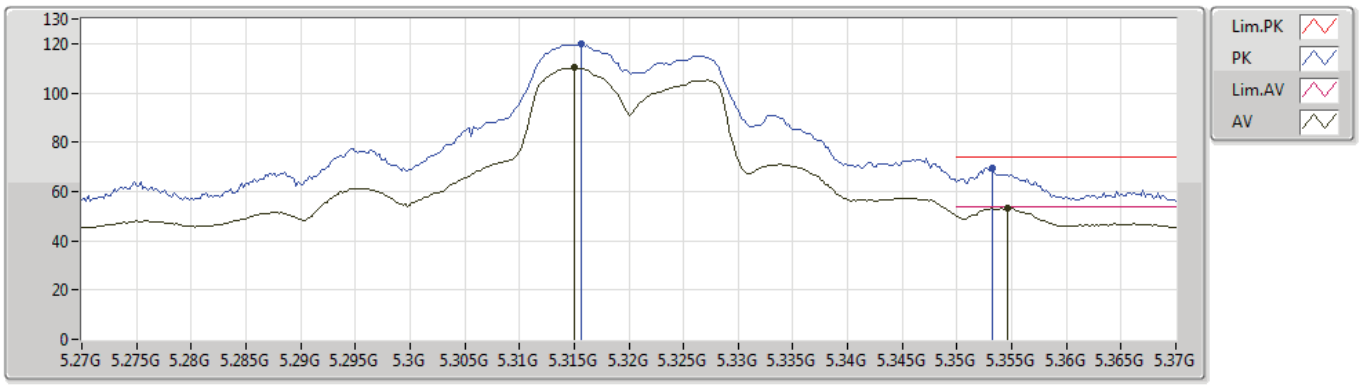


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.314G	109.83	Inf	-Inf	4.65	3	Vertical	0	2.35	-
AV	5.3526G	53.53	54.00	-0.47	4.72	3	Vertical	0	2.35	-
PK	5.3136G	119.53	Inf	-Inf	4.65	3	Vertical	0	2.35	-
PK	5.3528G	70.26	74.00	-3.74	4.72	3	Vertical	0	2.35	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5320MHz_TX

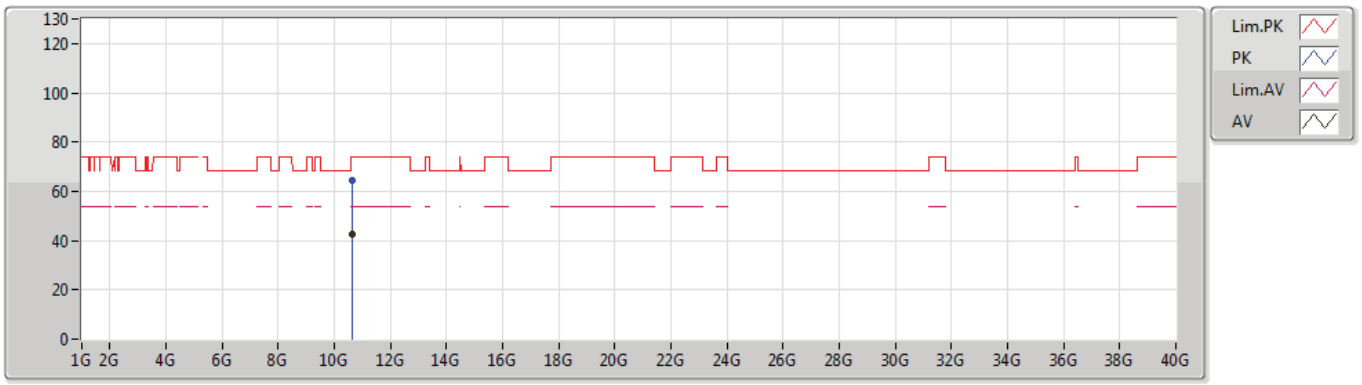


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.315G	110.14	Inf	-Inf	4.65	3	Horizontal	8	1.54	-
AV	5.3546G	53.18	54.00	-0.82	4.72	3	Horizontal	8	1.54	-
PK	5.3156G	119.65	Inf	-Inf	4.65	3	Horizontal	8	1.54	-
PK	5.3532G	69.51	74.00	-4.49	4.72	3	Horizontal	8	1.54	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5320MHz_TX

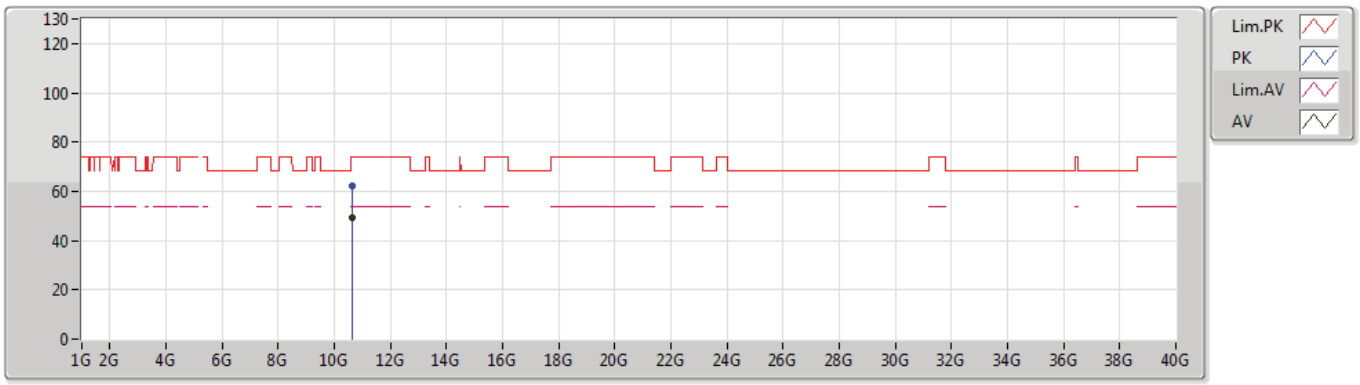


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64198G	42.56	54.00	-11.44	15.44	3	Vertical	25	2.38	-
PK	10.63862G	64.62	74.00	-9.38	15.44	3	Vertical	25	2.38	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5320MHz_TX

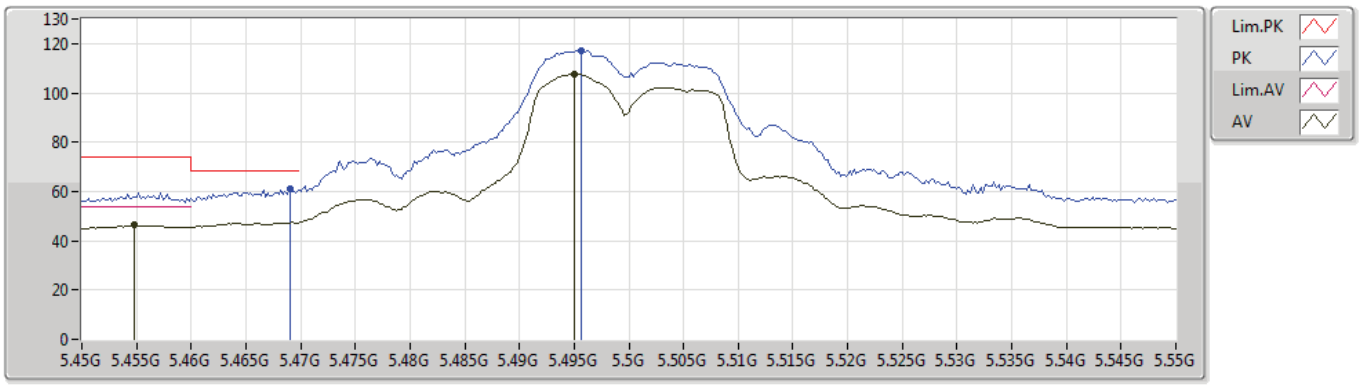


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63988G	49.09	54.00	-4.91	15.44	3	Horizontal	311	2.55	-
PK	10.6412G	62.46	74.00	-11.54	15.44	3	Horizontal	311	2.55	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

15/06/2019

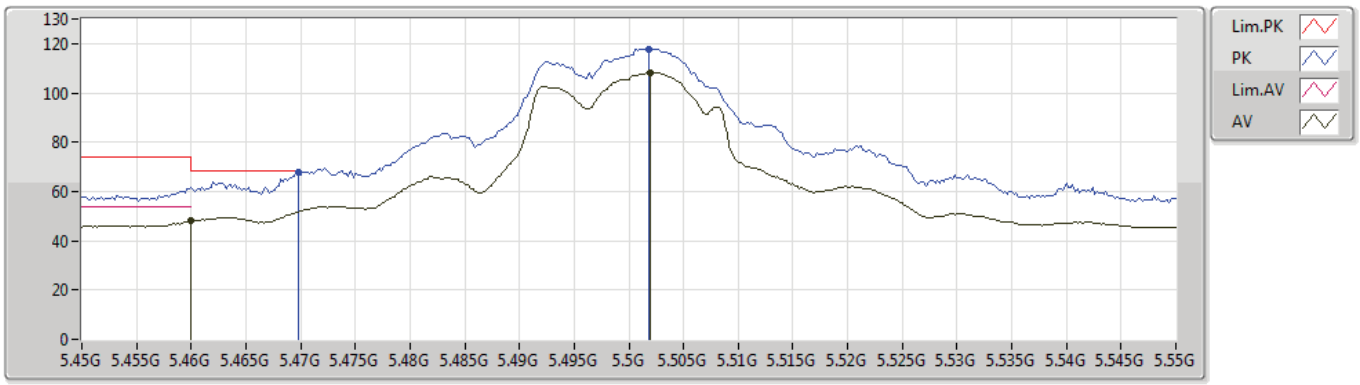


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4548G	46.26	54.00	-7.74	4.89	3	Vertical	17	1.75	-
AV	5.495G	107.45	Inf	-Inf	4.96	3	Vertical	17	1.75	-
PK	5.469G	61.01	68.20	-7.19	4.92	3	Vertical	17	1.75	-
PK	5.4956G	117.10	Inf	-Inf	4.96	3	Vertical	17	1.75	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

15/06/2019

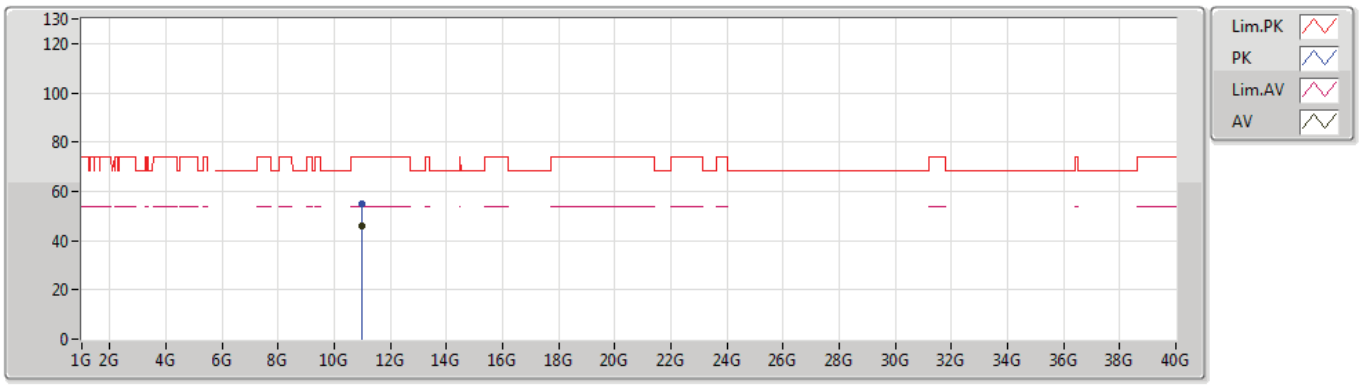


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	48.02	54.00	-5.98	4.90	3	Horizontal	357	2.38	-
AV	5.502G	108.28	Inf	-Inf	4.97	3	Horizontal	357	2.38	-
PK	5.4698G	67.88	68.20	-0.32	4.92	3	Horizontal	357	2.38	-
PK	5.5018G	117.74	Inf	-Inf	4.97	3	Horizontal	357	2.38	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

15/06/2019

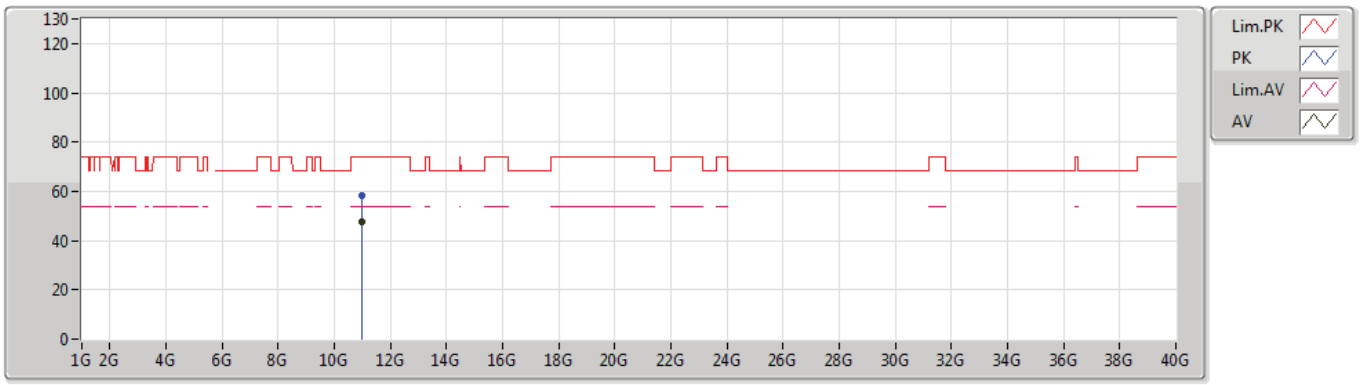


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99988G	46.20	54.00	-7.80	16.27	3	Vertical	355	1.49	-
PK	10.99994G	55.09	74.00	-18.91	16.27	3	Vertical	355	1.49	-

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

15/06/2019

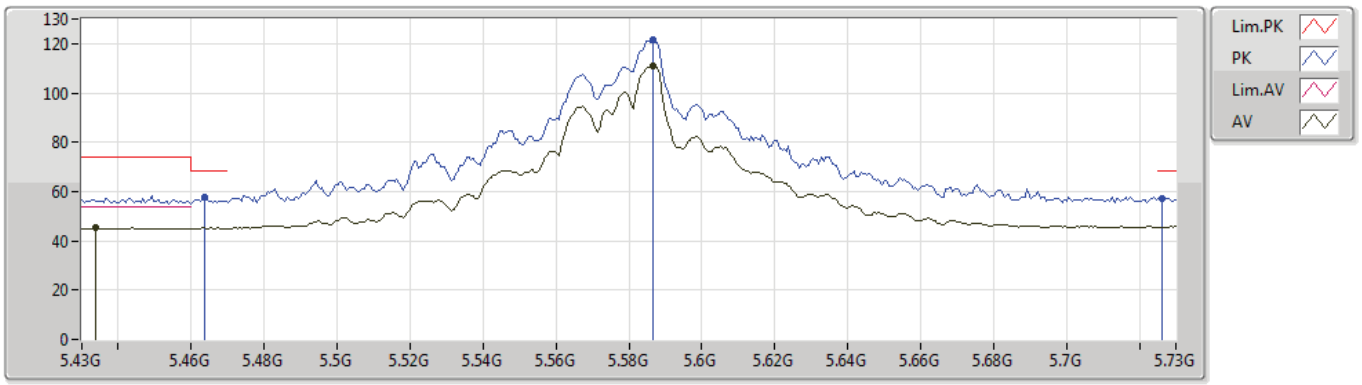


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99991G	47.54	54.00	-6.46	16.27	3	Horizontal	66	2.99	-
PK	11.00096G	58.16	74.00	-15.84	16.27	3	Horizontal	66	2.99	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5580MHz_TX

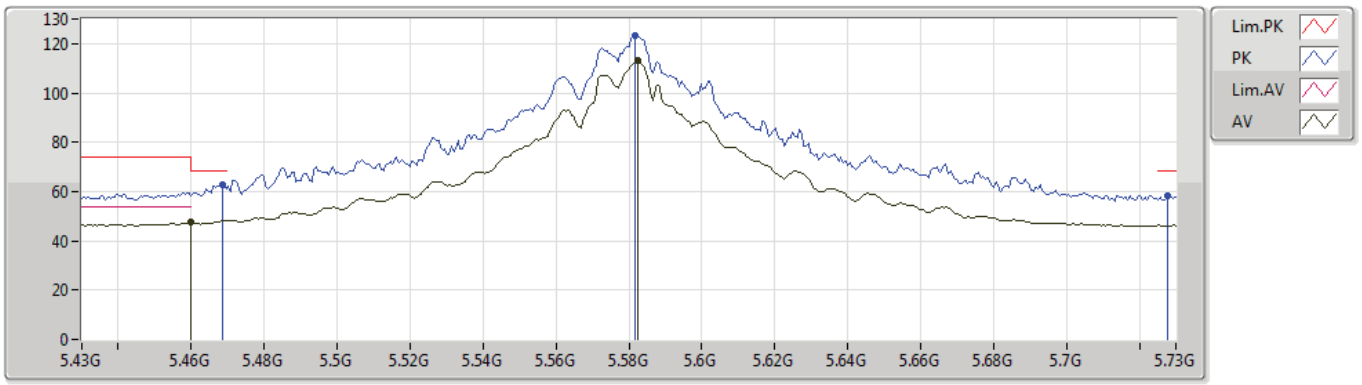


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4336G	45.30	54.00	-8.70	4.85	3	Vertical	37	2.99	-
AV	5.5866G	111.10	Inf	-Inf	5.12	3	Vertical	37	2.99	-
PK	5.4636G	57.74	68.20	-10.46	4.91	3	Vertical	37	2.99	-
PK	5.5866G	121.59	Inf	-Inf	5.12	3	Vertical	37	2.99	-
PK	5.7264G	57.21	68.20	-10.99	5.38	3	Vertical	37	2.99	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5580MHz_TX

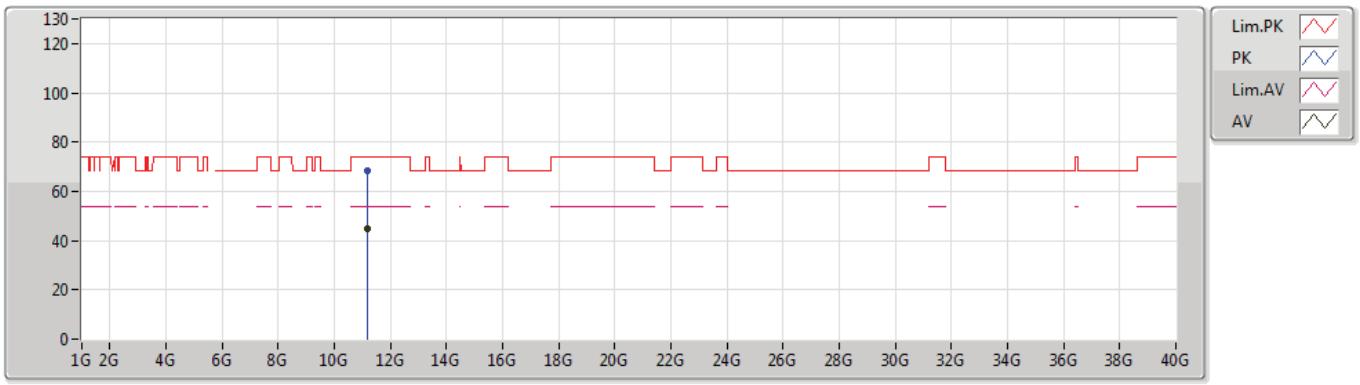


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	47.41	54.00	-6.59	4.90	3	Horizontal	6	2.39	-
AV	5.5824G	112.93	Inf	-Inf	5.12	3	Horizontal	6	2.39	-
PK	5.4684G	63.03	68.20	-5.17	4.92	3	Horizontal	6	2.39	-
PK	5.5818G	123.28	Inf	-Inf	5.11	3	Horizontal	6	2.39	-
PK	5.7276G	58.40	68.20	-9.80	5.38	3	Horizontal	6	2.39	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5580MHz_TX

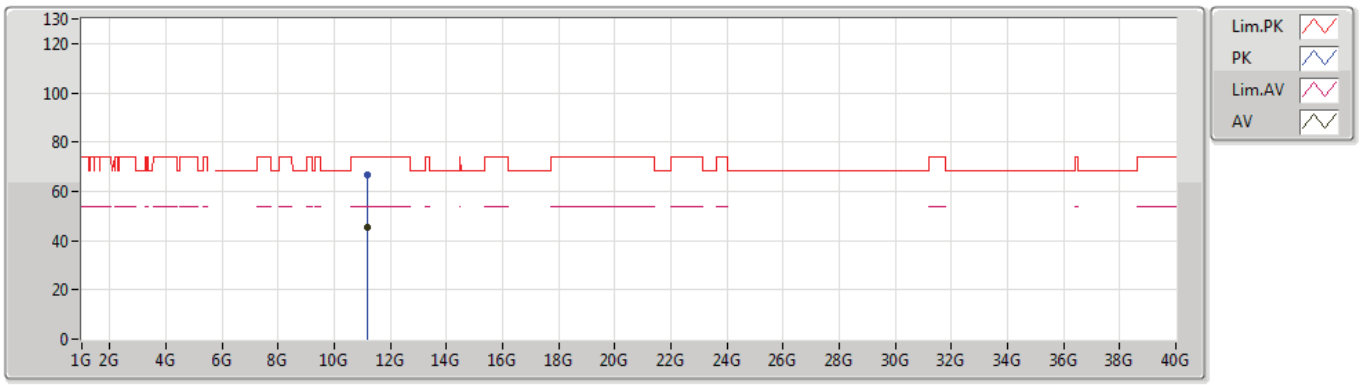


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15994G	44.65	54.00	-9.35	16.12	3	Vertical	31	1.10	-
PK	11.16108G	68.49	74.00	-5.51	16.12	3	Vertical	31	1.10	-

802.11a_Nss1,(6Mbps)_4TX

15/06/2019

5580MHz_TX

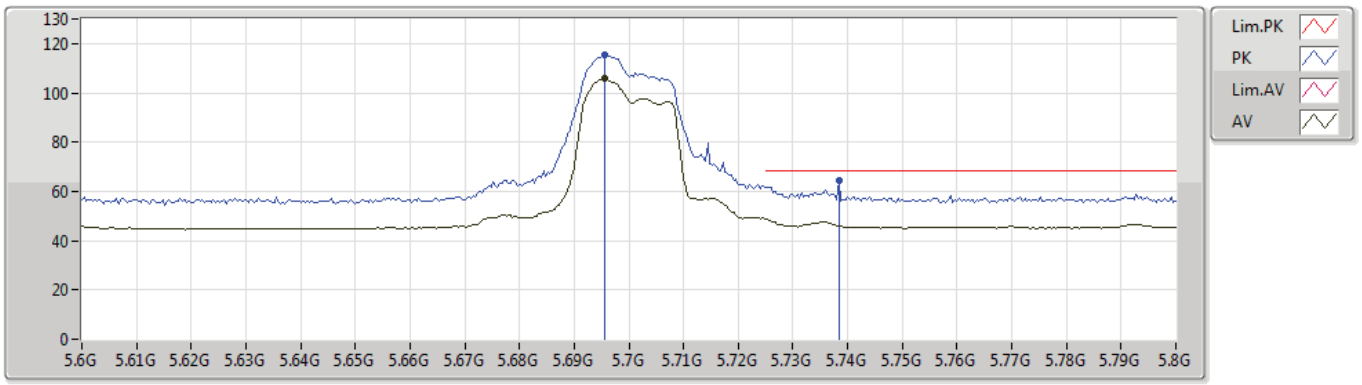


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15994G	45.58	54.00	-8.42	16.12	3	Horizontal	285	2.42	-
PK	11.16114G	66.55	74.00	-7.45	16.12	3	Horizontal	285	2.42	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

15/06/2019

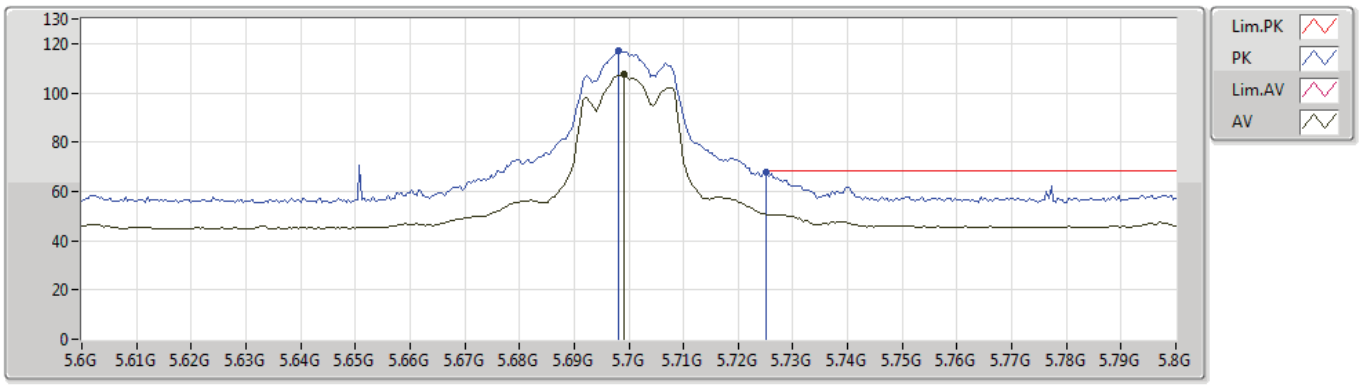


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6956G	105.67	Inf	-Inf	5.32	3	Vertical	350	1.70	-
PK	5.6956G	115.28	Inf	-Inf	5.32	3	Vertical	350	1.70	-
PK	5.7384G	64.18	68.20	-4.02	5.40	3	Vertical	350	1.70	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

15/06/2019

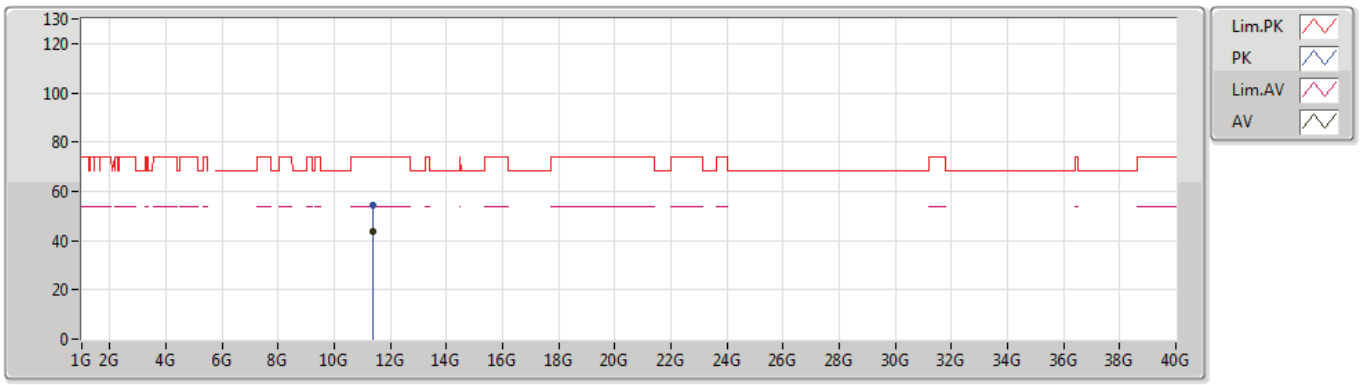


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	107.40	Inf	-Inf	5.33	3	Horizontal	353	1.20	-
PK	5.698G	116.90	Inf	-Inf	5.33	3	Horizontal	353	1.20	-
PK	5.7252G	67.95	68.20	-0.25	5.38	3	Horizontal	353	1.20	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

15/06/2019

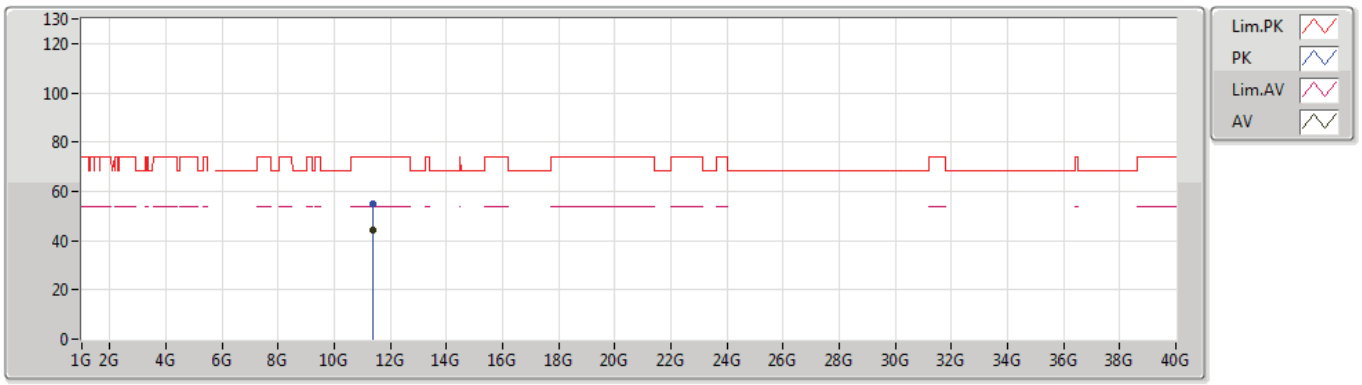


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4G	43.97	54.00	-10.03	15.88	3	Vertical	16	1.50	-
PK	11.39988G	54.58	74.00	-19.42	15.88	3	Vertical	16	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

15/06/2019

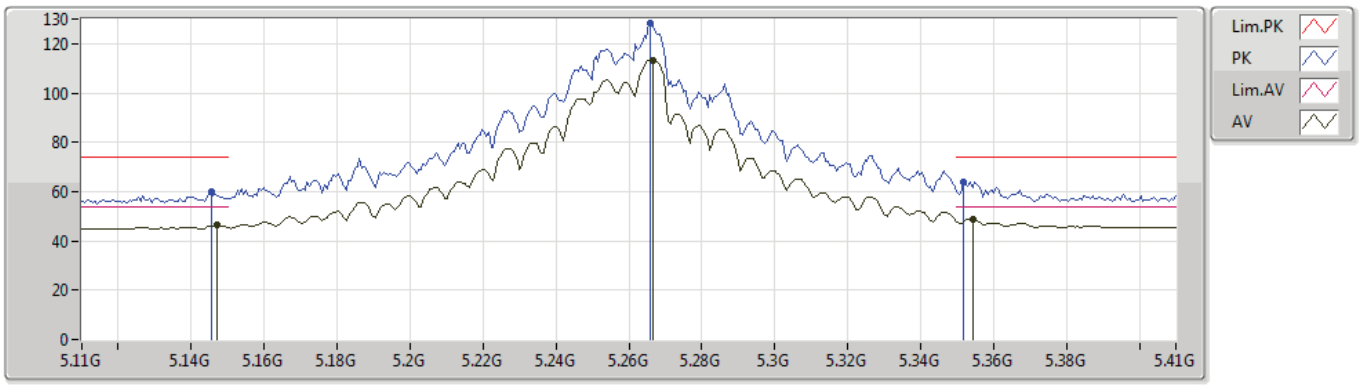


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4G	44.53	54.00	-9.47	15.88	3	Horizontal	56	1.56	-
PK	11.39994G	54.67	74.00	-19.33	15.88	3	Horizontal	56	1.56	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5260MHz_TX

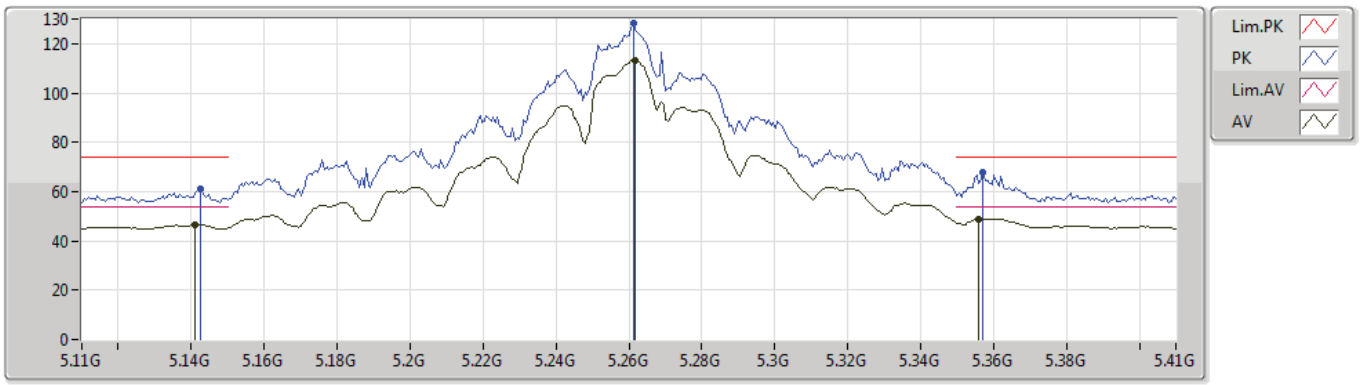


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1472G	46.44	54.00	-7.56	4.36	3	Vertical	336	2.16	-
AV	5.2666G	113.35	Inf	-Inf	4.57	3	Vertical	336	2.16	-
AV	5.3542G	48.87	54.00	-5.13	4.72	3	Vertical	336	2.16	-
PK	5.1454G	59.85	74.00	-14.15	4.36	3	Vertical	336	2.16	-
PK	5.266G	128.26	Inf	-Inf	4.57	3	Vertical	336	2.16	-
PK	5.3518G	63.64	74.00	-10.36	4.72	3	Vertical	336	2.16	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5260MHz_TX

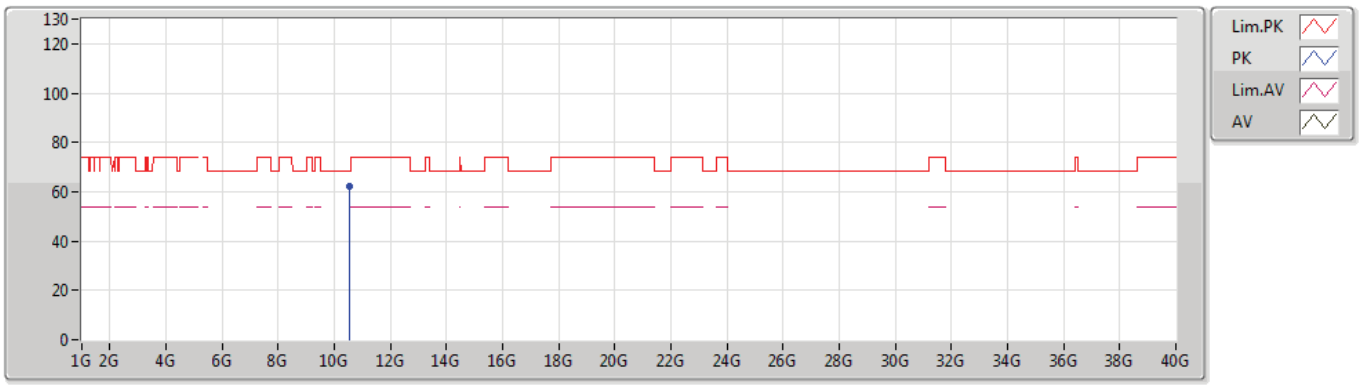


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1412G	46.60	54.00	-7.40	4.36	3	Horizontal	339	2.19	-
AV	5.2618G	113.32	Inf	-Inf	4.56	3	Horizontal	339	2.19	-
AV	5.356G	48.84	54.00	-5.16	4.73	3	Horizontal	339	2.19	-
PK	5.1424G	60.81	74.00	-13.19	4.36	3	Horizontal	339	2.19	-
PK	5.2612G	128.07	Inf	-Inf	4.56	3	Horizontal	339	2.19	-
PK	5.3572G	67.70	74.00	-6.30	4.73	3	Horizontal	339	2.19	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5260MHz_TX

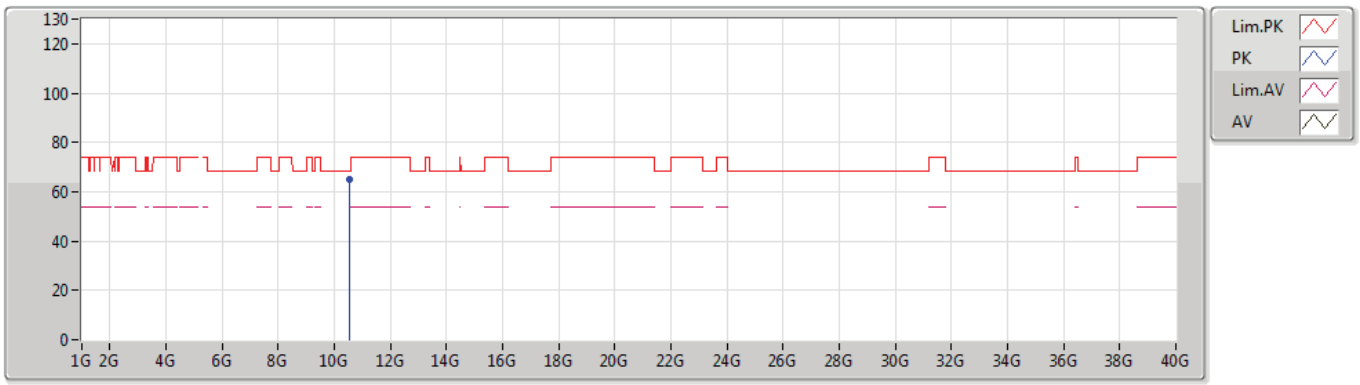


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51658G	62.11	68.20	-6.09	15.16	3	Vertical	50	2.58	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5260MHz_TX

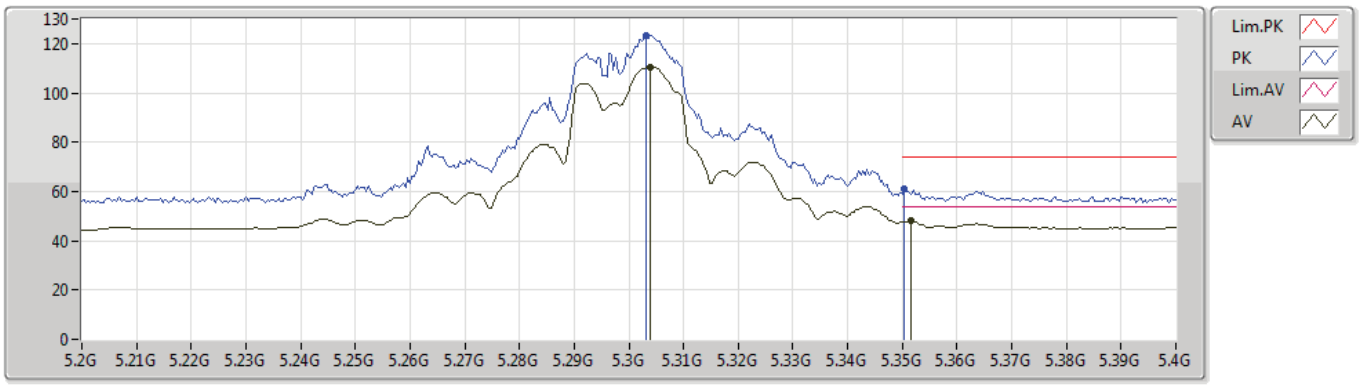


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5173G	65.00	68.20	-3.20	15.16	3	Horizontal	322	2.07	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX

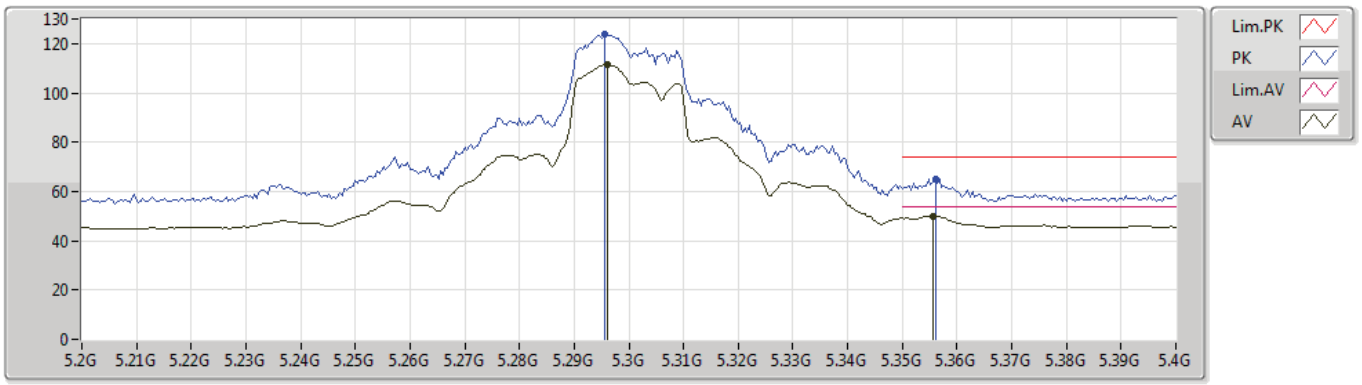


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.304G	110.49	Inf	-Inf	4.63	3	Vertical	28	1.50	-
AV	5.3516G	47.99	54.00	-6.01	4.72	3	Vertical	28	1.50	-
PK	5.3032G	123.28	Inf	-Inf	4.63	3	Vertical	28	1.50	-
PK	5.3504G	61.04	74.00	-12.96	4.72	3	Vertical	28	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX

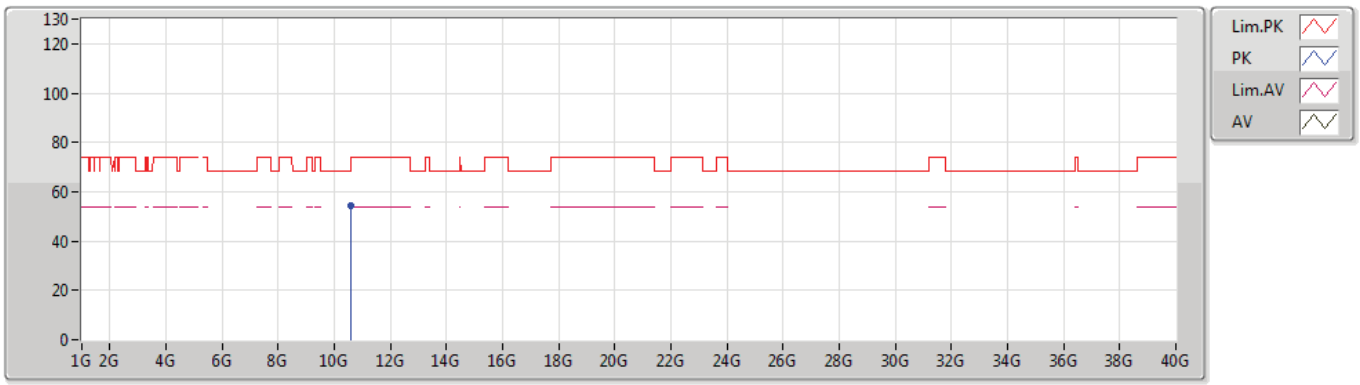


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.296G	111.38	Inf	-Inf	4.62	3	Horizontal	8	1.90	-
AV	5.3556G	50.14	54.00	-3.86	4.72	3	Horizontal	8	1.90	-
PK	5.2956G	124.03	Inf	-Inf	4.62	3	Horizontal	8	1.90	-
PK	5.356G	65.19	74.00	-8.81	4.73	3	Horizontal	8	1.90	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX

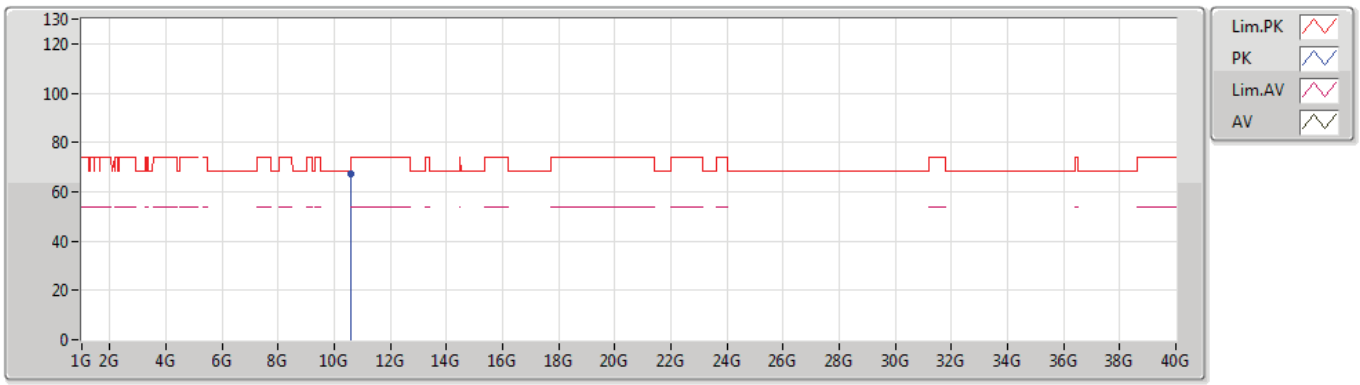


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.6G	54.14	68.20	-14.06	15.35	3	Vertical	49	1.59	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX

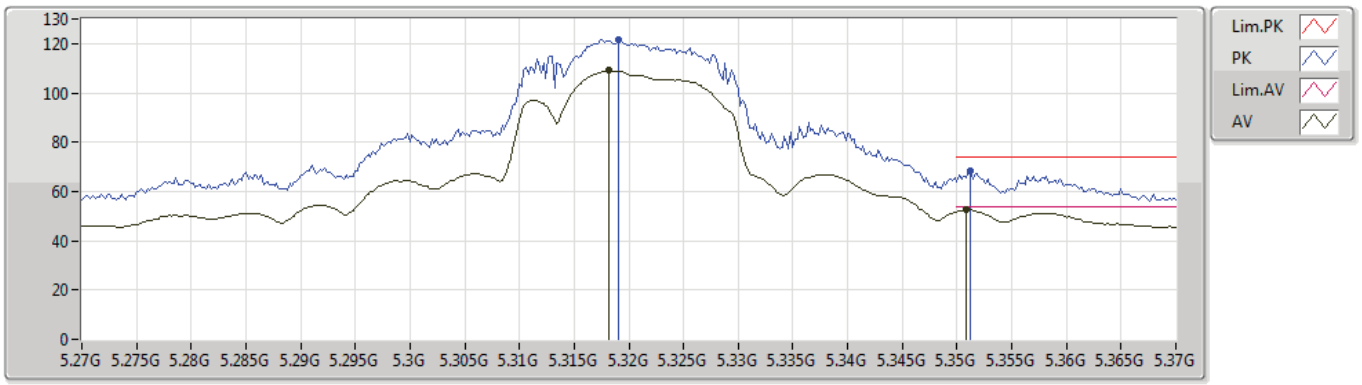


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.58866G	67.50	68.20	-0.70	15.33	3	Horizontal	324	2.77	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX

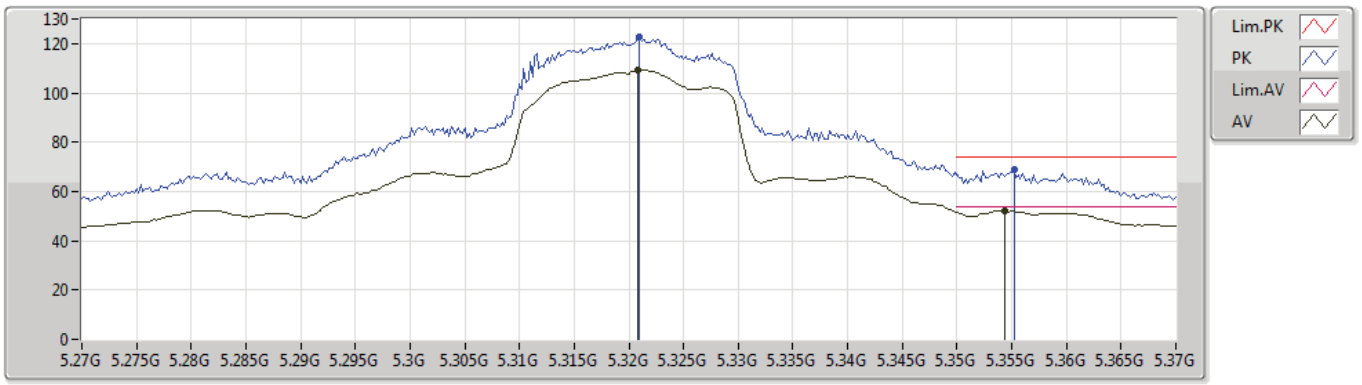


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3182G	108.99	Inf	-Inf	4.66	3	Vertical	8	1.76	-
AV	5.3508G	52.56	54.00	-1.44	4.72	3	Vertical	8	1.76	-
PK	5.319G	121.66	Inf	-Inf	4.66	3	Vertical	8	1.76	-
PK	5.3512G	68.56	74.00	-5.44	4.72	3	Vertical	8	1.76	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX

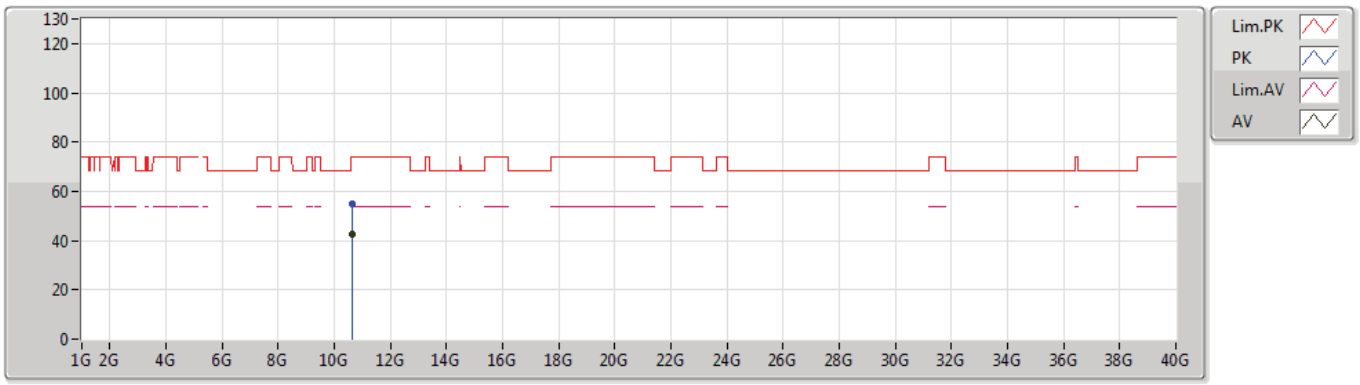


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3208G	109.26	Inf	-Inf	4.66	3	Horizontal	6	1.50	-
AV	5.3544G	52.16	54.00	-1.84	4.72	3	Horizontal	6	1.50	-
PK	5.321G	122.54	Inf	-Inf	4.66	3	Horizontal	6	1.50	-
PK	5.3552G	69.07	74.00	-4.93	4.72	3	Horizontal	6	1.50	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX

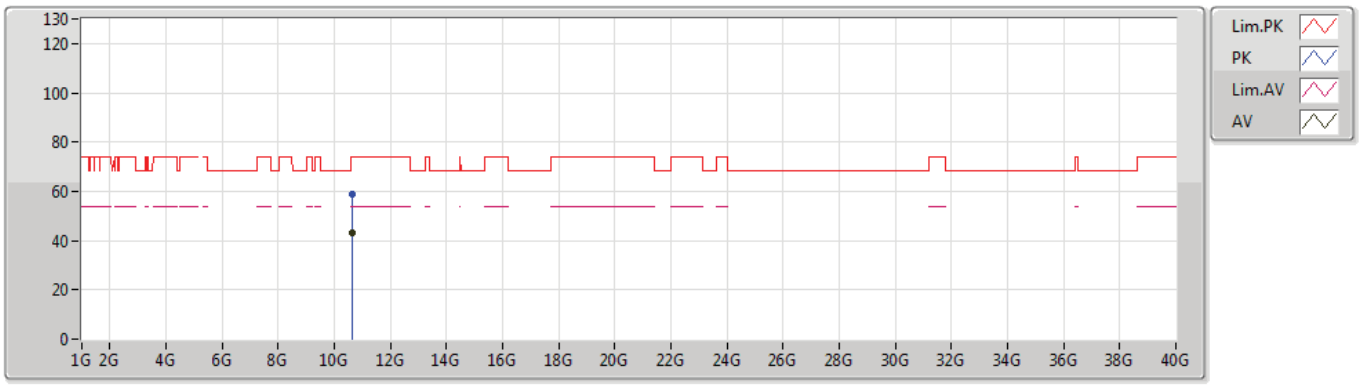


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64G	42.73	54.00	-11.27	15.44	3	Vertical	52	2.12	-
PK	10.63598G	54.68	74.00	-19.32	15.44	3	Vertical	52	2.12	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX

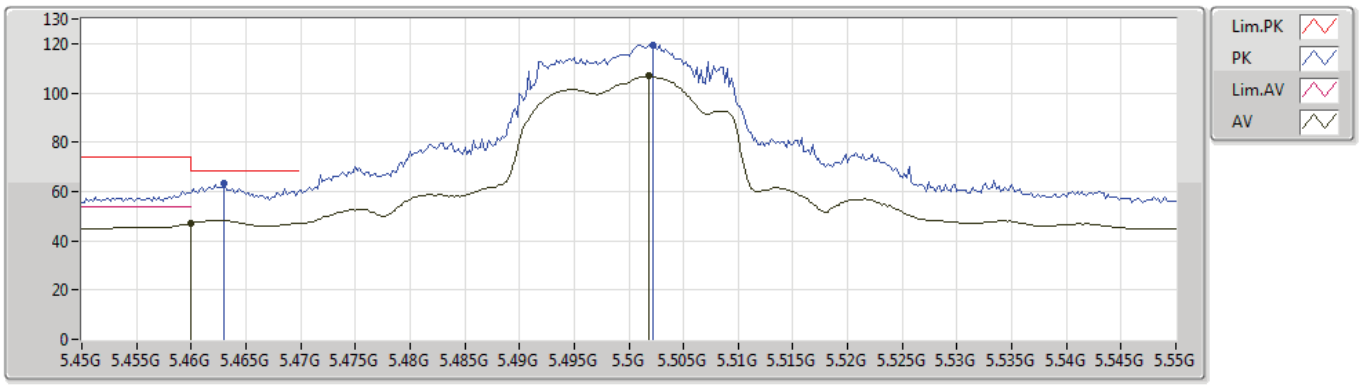


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63988G	42.96	54.00	-11.04	15.44	3	Horizontal	93	2.30	-
PK	10.6361G	58.58	74.00	-15.42	15.44	3	Horizontal	93	2.30	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5500MHz_TX

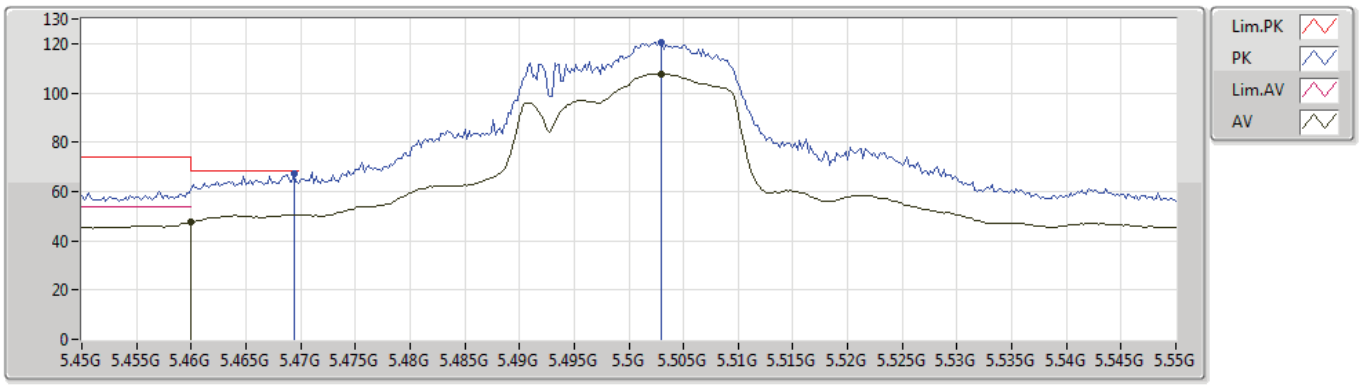


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	47.06	54.00	-6.94	4.90	3	Vertical	29	1.67	-
AV	5.5018G	106.78	Inf	-Inf	4.97	3	Vertical	29	1.67	-
PK	5.463G	63.41	68.20	-4.79	4.91	3	Vertical	29	1.67	-
PK	5.5022G	119.56	Inf	-Inf	4.97	3	Vertical	29	1.67	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5500MHz_TX

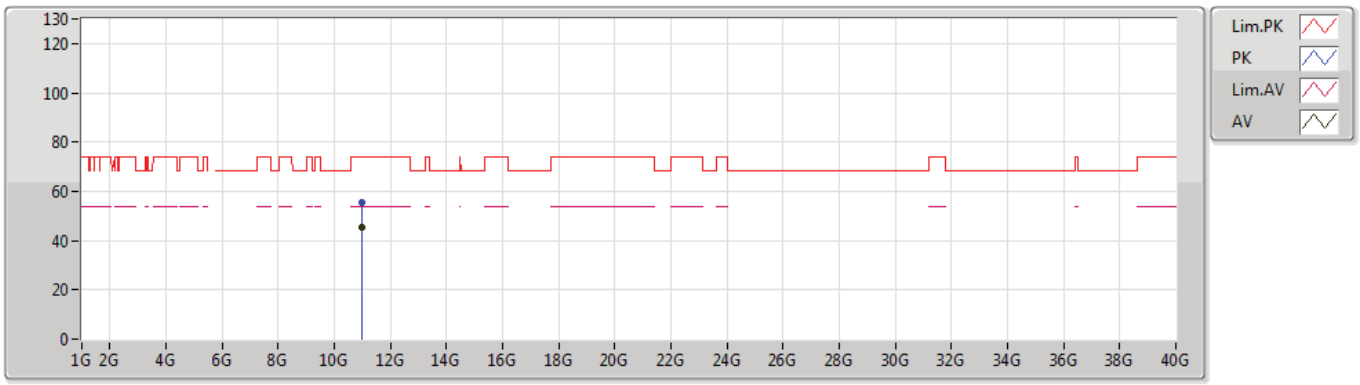


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	47.41	54.00	-6.59	4.90	3	Horizontal	9	2.39	-
AV	5.503G	107.78	Inf	-Inf	4.97	3	Horizontal	9	2.39	-
PK	5.4694G	67.44	68.20	-0.76	4.92	3	Horizontal	9	2.39	-
PK	5.503G	120.60	Inf	-Inf	4.97	3	Horizontal	9	2.39	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

15/06/2019

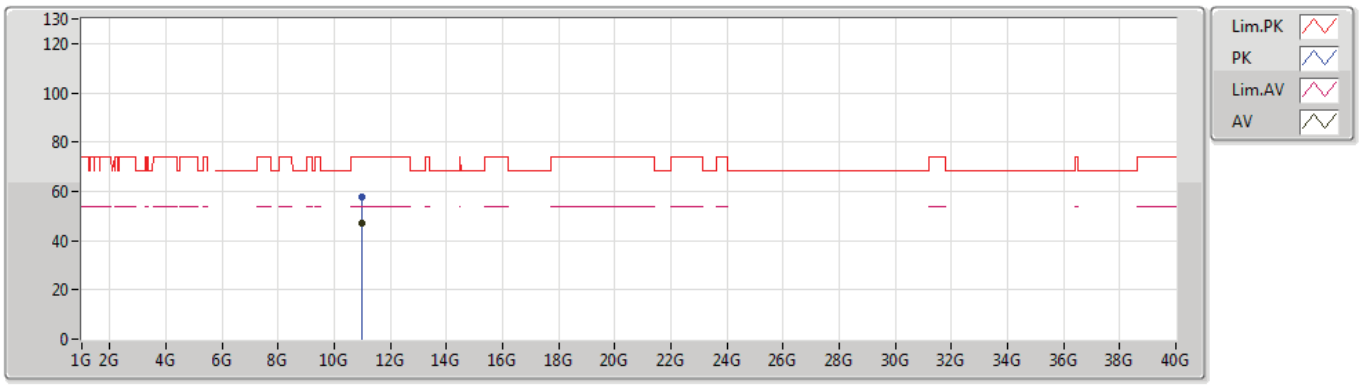


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99994G	45.59	54.00	-8.41	16.27	3	Vertical	356	1.51	-
PK	11G	55.36	74.00	-18.64	16.27	3	Vertical	356	1.51	-

802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz_TX

15/06/2019

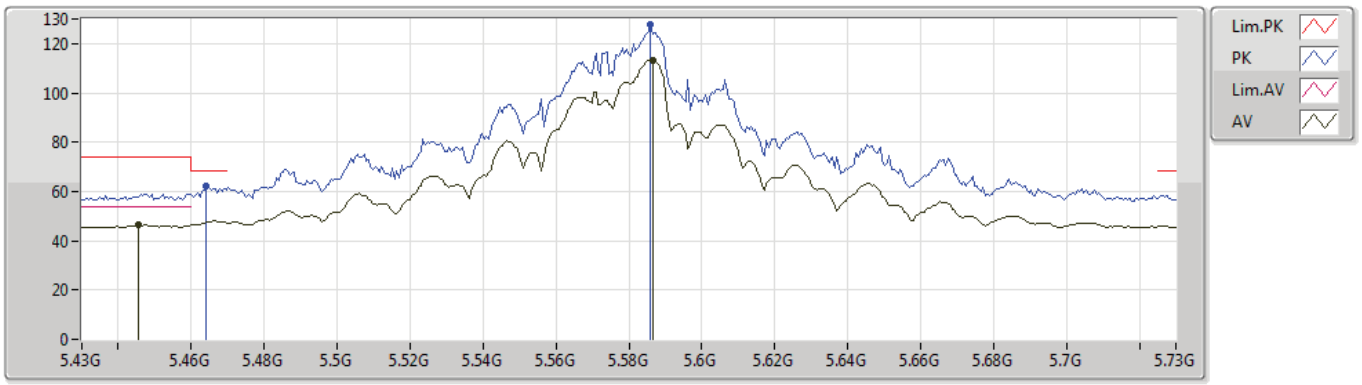


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99982G	46.95	54.00	-7.05	16.27	3	Horizontal	68	2.97	-
PK	11.00138G	57.58	74.00	-16.42	16.27	3	Horizontal	68	2.97	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5580MHz_TX

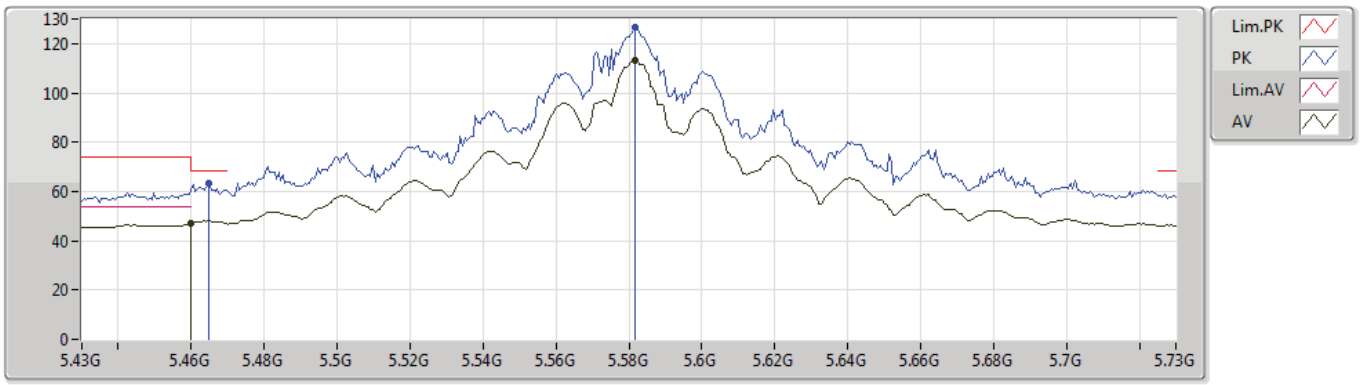


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4456G	46.35	54.00	-7.65	4.88	3	Vertical	10	2.10	-
AV	5.5866G	113.13	Inf	-Inf	5.12	3	Vertical	10	2.10	-
PK	5.4642G	62.25	68.20	-5.95	4.91	3	Vertical	10	2.10	-
PK	5.586G	127.53	Inf	-Inf	5.12	3	Vertical	10	2.10	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5580MHz_TX

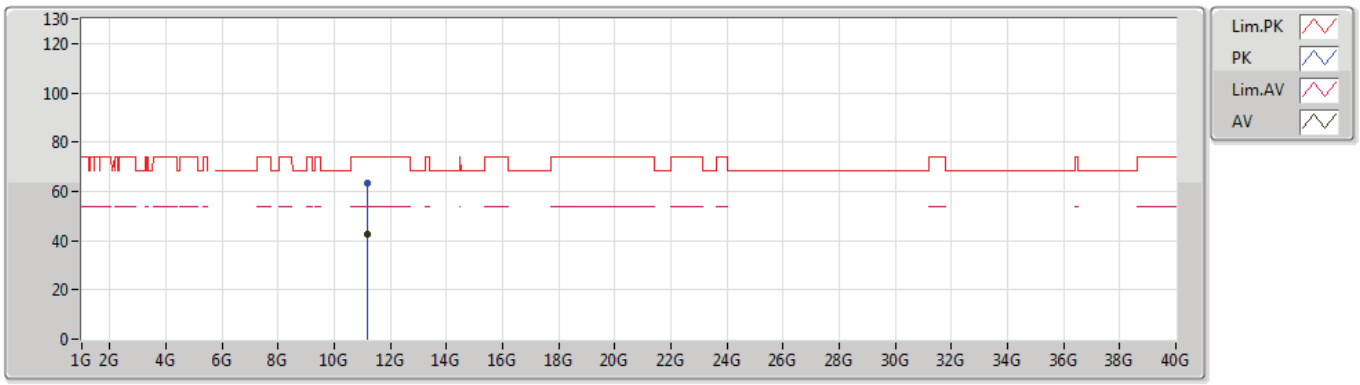


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	47.02	54.00	-6.98	4.90	3	Horizontal	336	2.27	-
AV	5.5818G	113.24	Inf	-Inf	5.11	3	Horizontal	336	2.27	-
PK	5.4648G	63.54	68.20	-4.66	4.91	3	Horizontal	336	2.27	-
PK	5.5818G	126.84	Inf	-Inf	5.11	3	Horizontal	336	2.27	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5580MHz_TX

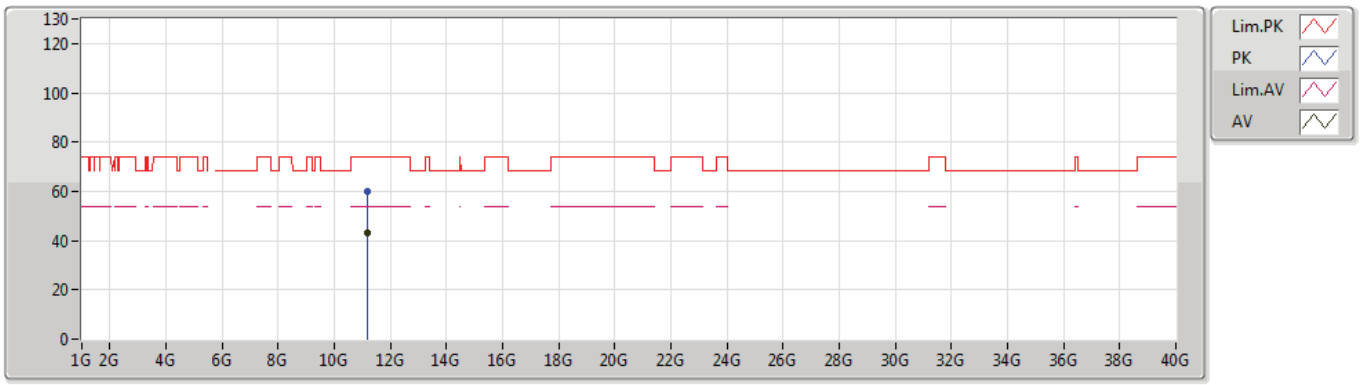


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15988G	42.64	54.00	-11.36	16.12	3	Vertical	0	2.49	-
PK	11.16618G	63.11	74.00	-10.89	16.11	3	Vertical	0	2.49	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5580MHz_TX

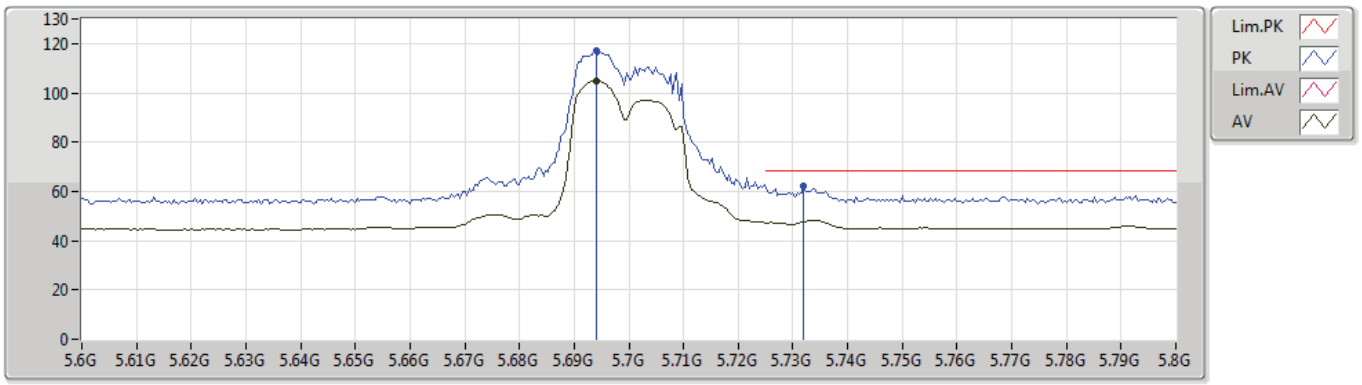


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15988G	43.23	54.00	-10.77	16.12	3	Horizontal	90	1.27	-
PK	11.166G	59.84	74.00	-14.16	16.11	3	Horizontal	90	1.27	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5700MHz_TX

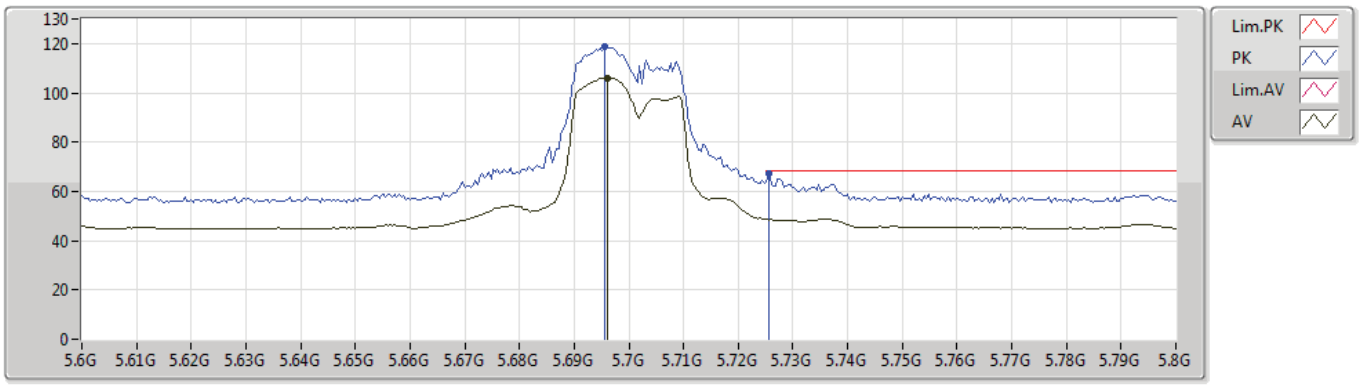


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.694G	104.97	Inf	-Inf	5.32	3	Vertical	37	1.35	-
PK	5.694G	116.98	Inf	-Inf	5.32	3	Vertical	37	1.35	-
PK	5.732G	62.17	68.20	-6.03	5.39	3	Vertical	37	1.35	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5700MHz_TX

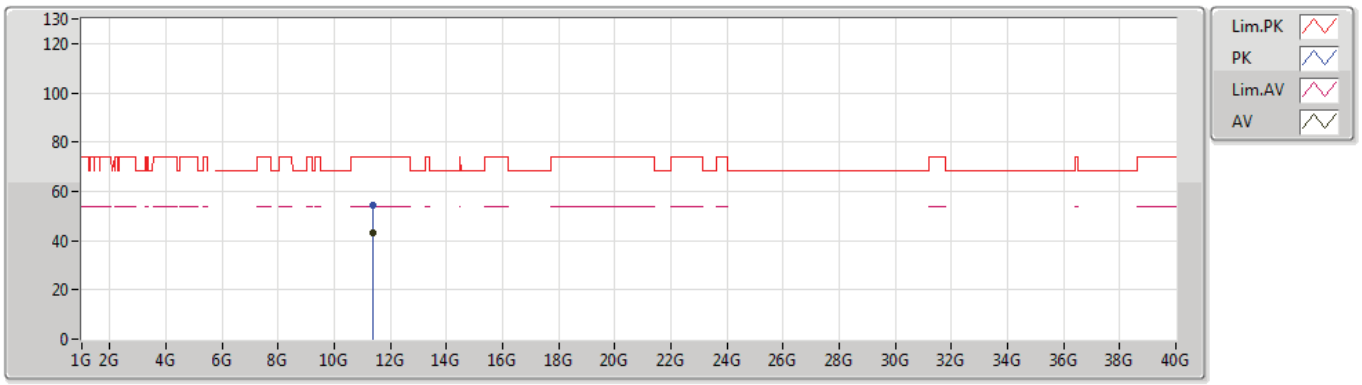


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.696G	106.16	Inf	-Inf	5.32	3	Horizontal	357	2.29	-
PK	5.6956G	118.72	Inf	-Inf	5.32	3	Horizontal	357	2.29	-
PK	5.7256G	67.49	68.20	-0.71	5.38	3	Horizontal	357	2.29	-

802.11ax HEW20_Nss1,(MCS0)_4TX

15/06/2019

5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.39982G	43.38	54.00	-10.62	15.88	3	Vertical	266	1.49	-
PK	11.39982G	54.11	74.00	-19.89	15.88	3	Vertical	266	1.49	-