FCC Test Report

FCC ID	:	**H8N-ASK-STI6220**
Equipment	:	**Stream TV**
Brand Name	:	**Verizon**
Model Name	:	**ASK-STI6220**
Applicant	:	**Askey Computer Corp. 10F, No.119, Jiankang Road, Zhonghe Dist., New Taipei City, Taiwan**
Manufacturer	:	**Askey Computer Corp. 10F, No.119, Jiankang Road, Zhonghe Dist., New Taipei City, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Sep. 10, 2020, and testing was started from Sep. 10, 2020 and completed on Sep. 24, 2020. 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

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
FR091025AN	01	Initial issue of report	Oct. 08, 2020

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

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:
None

Reviewed by: Sam Tsai
Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20) ,ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40) ,ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80) ,ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530	106 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX(Port 1)
5.25-5.35GHz	802.11a	20	1TX(Port 1)
5.47-5.725GHz	802.11a	20	1TX(Port 1)
5.725-5.85GHz	802.11a	20	1TX(Port 1)
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	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.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	INPAQ	RFMTA250900NNLB002	PIFA antenna	N/A
2	INPAQ	RFMTA250900NNLB002	PIFA antenna	N/A

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	1.41	1.41	1.41
2	2	1.86	0.83	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive simultaneously.

For IEEE 802.11 n/ax mode (2TX/2RX)

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

For BT function:

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

Ant. 1 (port 1) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 (port 1) could transmit/receive simultaneously.

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Indoor 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:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.989	0.05	2.064m	10
802.11ac VHT20_Nss1,(MCS0)_2TX	0.986	0.06	1.932m	10
802.11ac VHT40_Nss1,(MCS0)_2TX	0.971	0.13	952.5u	3k
802.11ac VHT80_Nss1,(MCS0)_2TX	0.942	0.26	460.313u	3k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.983	0.07	1.488m	10
802.11ax HEW40_Nss1,(MCS0)_2TX	0.962	0.17	772.5u	3k
802.11ax HEW80_Nss1,(MCS0)_2TX	0.933	0.3	401.25u	3k

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

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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location					
☒	HWA YA	ADD	:	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL	:	886-3-327-3456	FAX : 886-3-327-0973
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.					
☐	Wen Shan	ADD	:	No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL	:	886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.					

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.8~23.6°C / 56~60%	24/Sep/2020
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	10/Sep/2020~19/Sep/2020
Radiated	03CH02-HY	Daniel Lin	20.0~25.6°C / 51~62%	09/Sep/2020~23/Sep/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 ℃	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	Dos1.6

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	64
5200MHz	66
5240MHz	73
5260MHz	76
5300MHz	68
5320MHz	66
5500MHz	45
5580MHz	72
5700MHz	57
5720MHz Straddle 5.47-5.725GHz	74
5720MHz Straddle 5.725-5.85GHz	74
5745MHz	78
5785MHz	78
5825MHz	78
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	52
5200MHz	65
5240MHz	73
5260MHz	75
5300MHz	65
5320MHz	58
5500MHz	37
5580MHz	68

Mode	Power Setting
5700MHz	44
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
5745MHz	78
5785MHz	77
5825MHz	78
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	46
5230MHz	56
5270MHz	69
5310MHz	53
5510MHz	42
5550MHz	58
5670MHz	56
5755MHz	72
5795MHz	75
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	42
5290MHz	53
5530MHz	38
5775MHz	53
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	52
5200MHz	65
5240MHz	73
5260MHz	76
5300MHz	65
5320MHz	58
5500MHz	37
5580MHz	68
5700MHz	44
5720MHz Straddle 5.47-5.725GHz	73
5720MHz Straddle 5.725-5.85GHz	73
5745MHz	78
5785MHz	77

Mode	Power Setting
5825MHz	78
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	46
5230MHz	56
5270MHz	69
5310MHz	53
5510MHz	42
5550MHz	58
5670MHz	56
5755MHz	72
5795MHz	75
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	42
5290MHz	53
5530MHz	38
5775MHz	53

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA091025 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter (US Plug)	**Brand Name**	LEI	**Model Name**	MU10AE050200UA1
	Power Rating	I/P: 100 - 240 Vac, 0.3 A, O/P: 5.0 Vdc, 2.0 A		
HDMI Cable	**Brand Name**	HANRICO	**Model Name**	26A1810005
	Signal Line	1.0 meter, Shielded cable, w/o ferrite core		
USB Type-C Cable	**Brand Name**	HANRICO	**Model Name**	26A1810004
	Signal Line	1.5 meter, Shielded cable, w/o ferrite core		
Remote Controller	**Brand Name**	Omni	**Model Name**	RC4513101

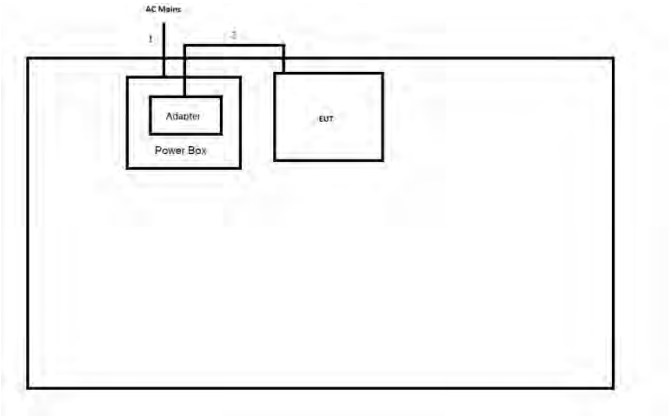
Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

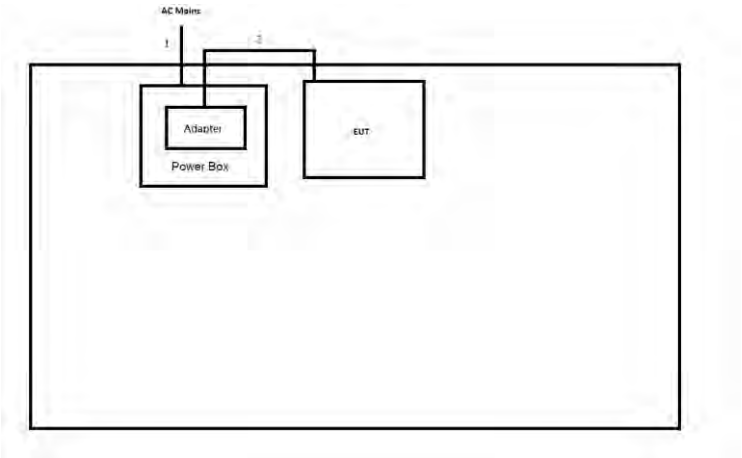
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB Type-C Cable	YES	1.5	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB Type-C Cable	YES	1.5	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

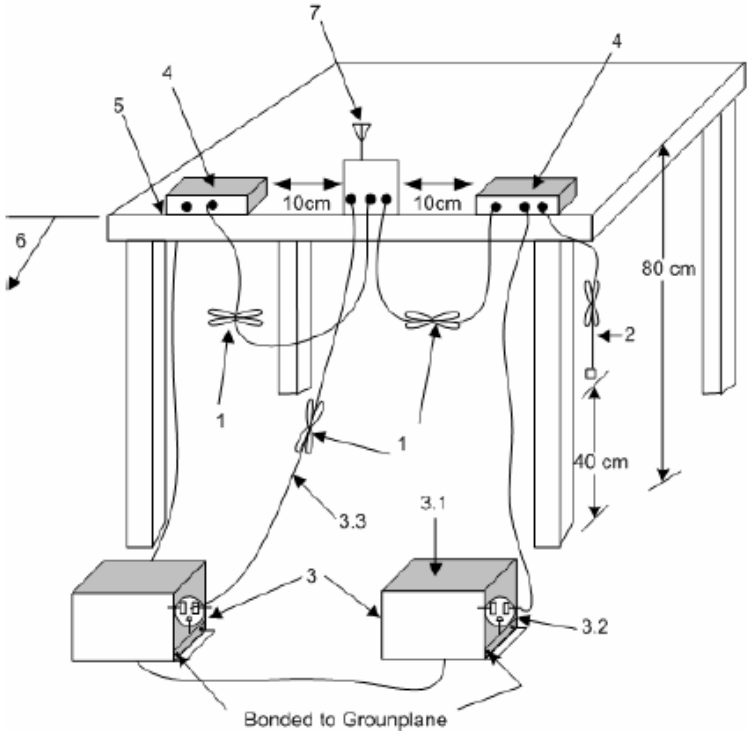
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

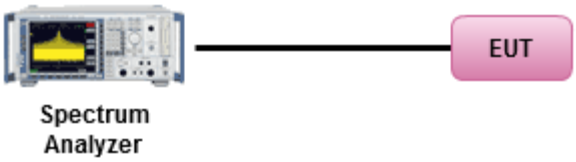
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

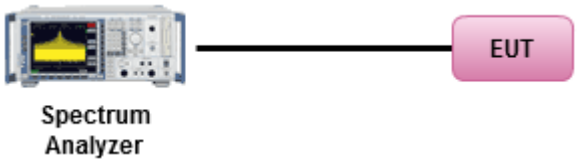
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

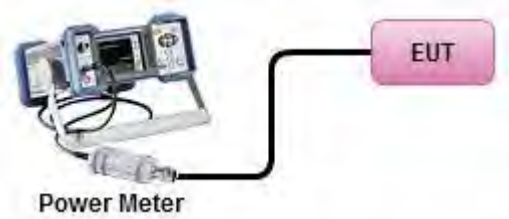
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)



RF Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

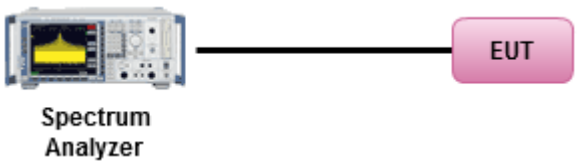
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

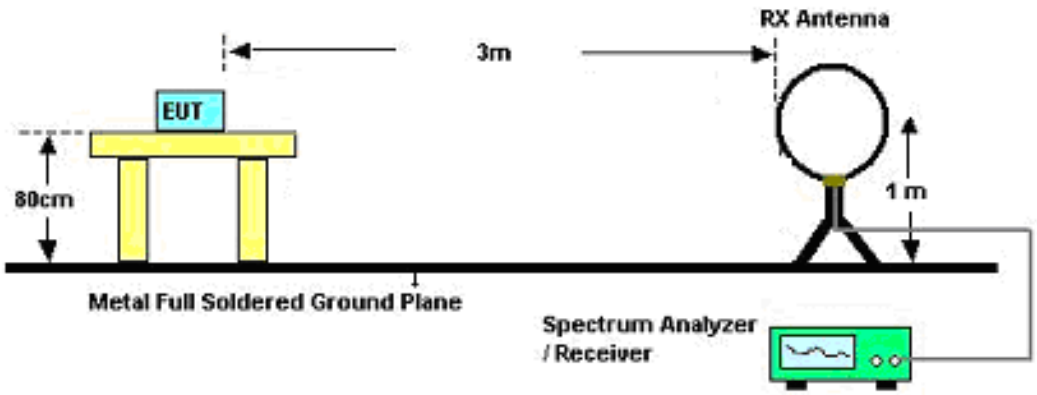
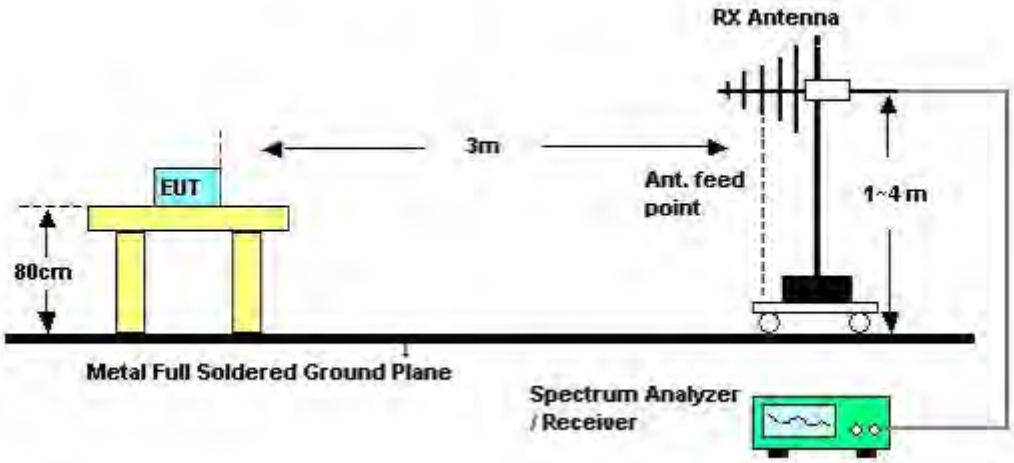
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies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

▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

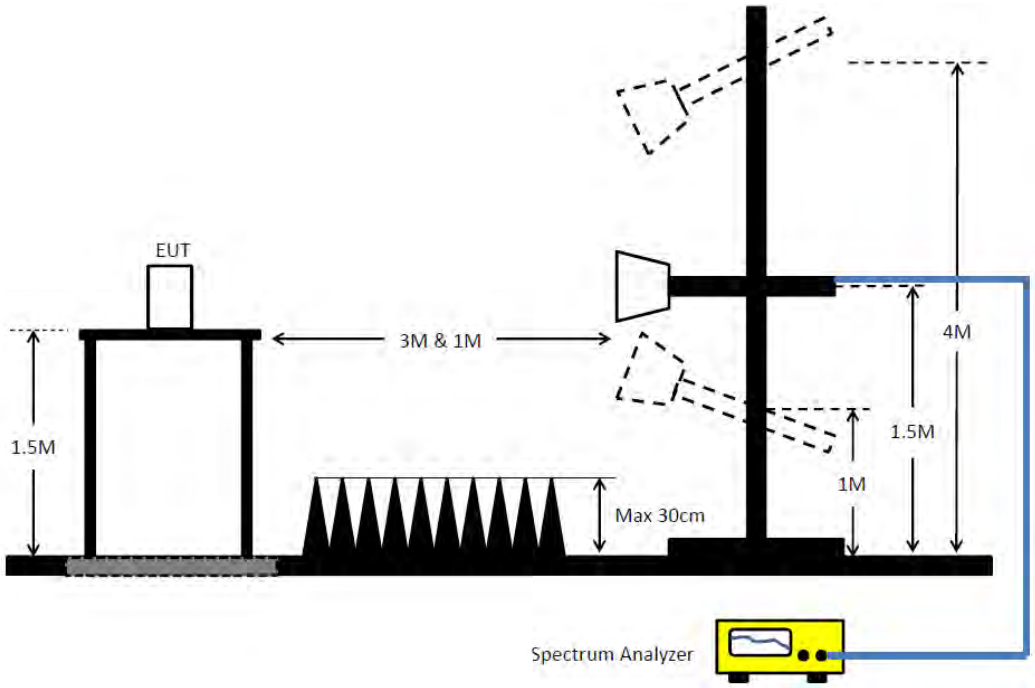
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	05/Nov/2019	04/Nov/2020
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10KHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2020	01/Aug/2021
Signal Analyzer	R&S	FSP40	100593	1GHz~26.5GHz	27/Feb/2020	26/Feb/2021
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	30/Jun/2020	29/Jun/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~18GHz	16/Oct/2019	15/Oct/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	09/Jun/2020	08/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz~30MHz	20/Jun/2020	19/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB017	30MHz~1GHz	25/Mar/2020	24/Mar/2021
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	08/Apr/2020	07/Apr/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

Summary

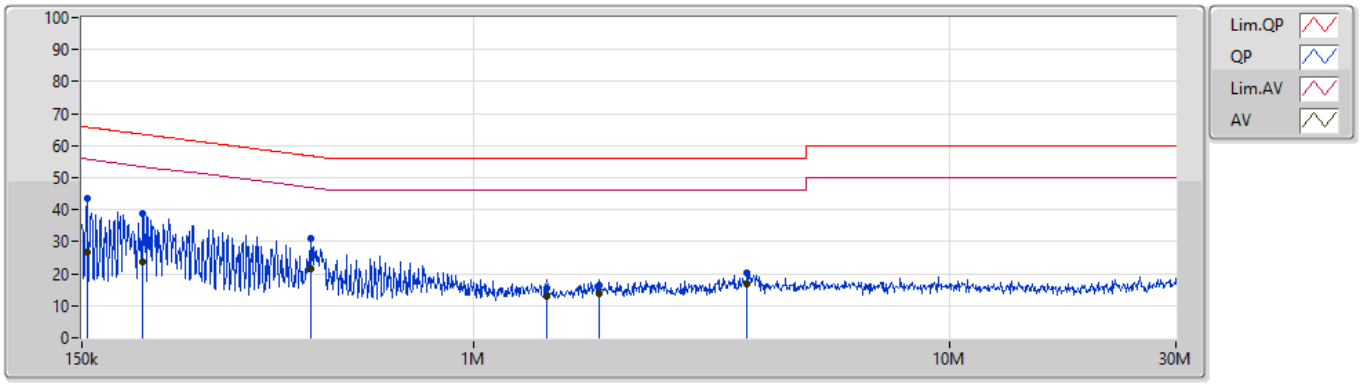
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	479.294k	26.63	46.34	-19.71	Neutral

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.251k	43.33	65.77	-22.44	Line	"Worst"
Mode 1	Pass	AV	154.251k	26.63	55.77	-29.14	Line	-
Mode 1	Pass	QP	201.551k	38.93	63.55	-24.62	Line	-
Mode 1	Pass	AV	201.551k	23.59	53.55	-29.96	Line	-
Mode 1	Pass	QP	453.242k	31.01	56.82	-25.81	Line	-
Mode 1	Pass	AV	453.242k	21.70	46.82	-25.12	Line	-
Mode 1	Pass	QP	1.425M	15.34	56.00	-40.66	Line	-
Mode 1	Pass	AV	1.425M	13.07	46.00	-32.93	Line	-
Mode 1	Pass	QP	1.84M	16.48	56.00	-39.52	Line	-
Mode 1	Pass	AV	1.84M	13.78	46.00	-32.22	Line	-
Mode 1	Pass	QP	3.76M	20.41	56.00	-35.59	Line	-
Mode 1	Pass	AV	3.76M	16.84	46.00	-29.16	Line	-
Mode 1	Pass	QP	175.97k	39.87	64.68	-24.81	Neutral	-
Mode 1	Pass	AV	175.97k	24.42	54.68	-30.26	Neutral	-
Mode 1	Pass	QP	479.294k	31.23	56.34	-25.11	Neutral	-
Mode 1	Pass	AV	479.294k	26.63	46.34	-19.71	Neutral	"Worst"
Mode 1	Pass	QP	808.571k	22.88	56.00	-33.12	Neutral	-
Mode 1	Pass	AV	808.571k	18.74	46.00	-27.26	Neutral	-
Mode 1	Pass	QP	1.078M	18.34	56.00	-37.66	Neutral	-
Mode 1	Pass	AV	1.078M	14.50	46.00	-31.50	Neutral	-
Mode 1	Pass	QP	2.229M	22.04	56.00	-33.96	Neutral	-
Mode 1	Pass	AV	2.229M	16.58	46.00	-29.42	Neutral	-
Mode 1	Pass	QP	3.821M	21.46	56.00	-34.54	Neutral	-
Mode 1	Pass	AV	3.821M	17.79	46.00	-28.21	Neutral	-

Conducted Emissions at Powerline_Mode 1

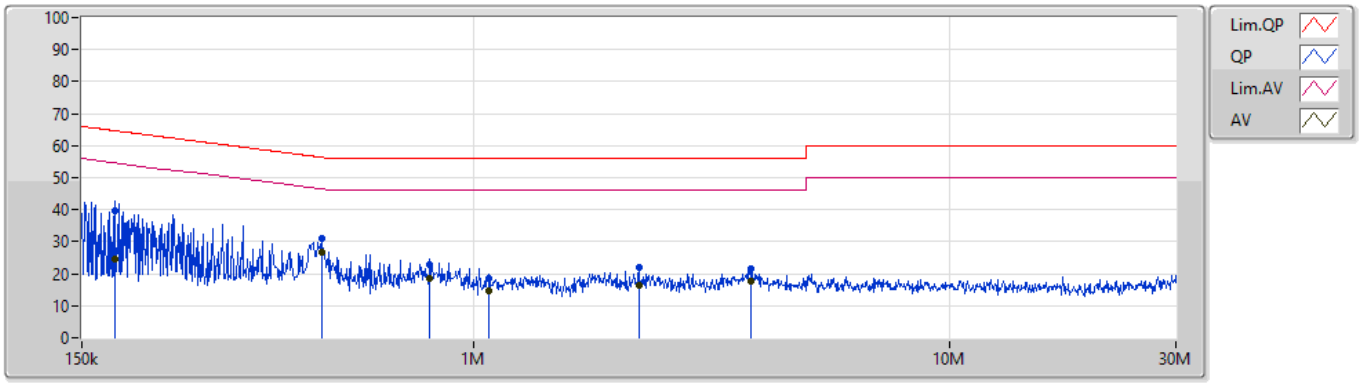
24/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	43.33	65.77	-22.44	19.54	Line	"Worst"	23.79	9.66	0.01	9.87
AV	154.251k	26.63	55.77	-29.14	19.54	Line	-	7.09	9.66	0.01	9.87
QP	201.551k	38.93	63.55	-24.62	19.53	Line	-	19.40	9.65	0.01	9.87
AV	201.551k	23.59	53.55	-29.96	19.53	Line	-	4.06	9.65	0.01	9.87
QP	453.242k	31.01	56.82	-25.81	19.53	Line	-	11.48	9.64	0.02	9.87
AV	453.242k	21.70	46.82	-25.12	19.53	Line	-	2.17	9.64	0.02	9.87
QP	1.425M	15.34	56.00	-40.66	19.59	Line	-	-4.25	9.65	0.07	9.87
AV	1.425M	13.07	46.00	-32.93	19.59	Line	-	-6.52	9.65	0.07	9.87
QP	1.84M	16.48	56.00	-39.52	19.60	Line	-	-3.12	9.65	0.08	9.87
AV	1.84M	13.78	46.00	-32.22	19.60	Line	-	-5.82	9.65	0.08	9.87
QP	3.76M	20.41	56.00	-35.59	19.66	Line	-	0.75	9.66	0.12	9.88
AV	3.76M	16.84	46.00	-29.16	19.66	Line	-	-2.82	9.66	0.12	9.88

Conducted Emissions at Powerline_Mode 1

24/09/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	175.97k	39.87	64.68	-24.81	19.52	Neutral	-	20.35	9.64	0.01	9.87
AV	175.97k	24.42	54.68	-30.26	19.52	Neutral	-	4.90	9.64	0.01	9.87
QP	479.294k	31.23	56.34	-25.11	19.53	Neutral	-	11.70	9.63	0.03	9.87
AV	479.294k	26.63	46.34	-19.71	19.53	Neutral	"Worst"	7.10	9.63	0.03	9.87
QP	808.571k	22.88	56.00	-33.12	19.54	Neutral	-	3.34	9.63	0.04	9.87
AV	808.571k	18.74	46.00	-27.26	19.54	Neutral	-	-0.80	9.63	0.04	9.87
QP	1.078M	18.34	56.00	-37.66	19.56	Neutral	-	-1.22	9.63	0.05	9.88
AV	1.078M	14.50	46.00	-31.50	19.56	Neutral	-	-5.06	9.63	0.05	9.88
QP	2.229M	22.04	56.00	-33.96	19.61	Neutral	-	2.43	9.65	0.09	9.87
AV	2.229M	16.58	46.00	-29.42	19.61	Neutral	-	-3.03	9.65	0.09	9.87
QP	3.821M	21.46	56.00	-34.54	19.66	Neutral	-	1.80	9.66	0.12	9.88
AV	3.821M	17.79	46.00	-28.21	19.66	Neutral	-	-1.87	9.66	0.12	9.88

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.31M	17.487M	17M5D1D	29.97M	16.72M
802.11ac VHT20_Nss1,(MCS0)_2TX	40.92M	19.07M	19M1D1D	21.78M	17.751M
802.11ac VHT40_Nss1,(MCS0)_2TX	42.78M	36.366M	36M4D1D	39.96M	36.27M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.2M	75.898M	75M9D1D	82.08M	75.802M
802.11ax HEW20_Nss1,(MCS0)_2TX	39.03M	19.262M	19M3D1D	21.36M	18.879M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.62M	37.661M	37M7D1D	40.08M	37.565M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.241M	77M2D1D	81.84M	77.049M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	38.73M	17.487M	17M5D1D	24.72M	16.624M
802.11ac VHT20_Nss1,(MCS0)_2TX	38.28M	18.999M	19M0D1D	22.14M	17.727M
802.11ac VHT40_Nss1,(MCS0)_2TX	75.12M	36.606M	36M6D1D	39.84M	36.27M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.08M	75.898M	75M9D1D	82.08M	75.898M
802.11ax HEW20_Nss1,(MCS0)_2TX	34.56M	19.19M	19M2D1D	21.57M	18.855M
802.11ax HEW40_Nss1,(MCS0)_2TX	76.86M	37.853M	37M9D1D	40.26M	37.565M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.241M	77M2D1D	81.36M	77.145M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	39.87M	18.279M	18M3D1D	23.375M	14.513M
802.11ac VHT20_Nss1,(MCS0)_2TX	37.47M	18.975M	19M0D1D	21.51M	14.362M
802.11ac VHT40_Nss1,(MCS0)_2TX	69.12M	36.414M	36M4D1D	39.96M	36.222M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.32M	75.898M	75M9D1D	82.08M	75.898M
802.11ax HEW20_Nss1,(MCS0)_2TX	33.18M	19.142M	19M1D1D	21.12M	14.499M
802.11ax HEW40_Nss1,(MCS0)_2TX	70.56M	37.805M	37M8D1D	40.2M	37.565M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.96M	77.049M	77M0D1D	81.6M	77.049M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	36.342M	36M3D1D	3.15M	11.964M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.55M	38.429M	38M4D1D	3.54M	12.534M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.3M	58.003M	58M0D1D	36.06M	39.34M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.32M	75.994M	76M0D1D	76.32M	75.994M
802.11ax HEW20_Nss1,(MCS0)_2TX	17.88M	38.525M	38M5D1D	3.21M	13.343M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.68M	57.619M	57M6D1D	36.9M	38.813M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.4M	77.433M	77M4D1D	76.8M	77.145M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	Inf	29.97M	16.72M		
5200MHz	Pass	Inf	33.09M	16.816M		
5240MHz	Pass	Inf	38.31M	17.487M		
5260MHz	Pass	Inf	38.73M	17.487M		
5300MHz	Pass	Inf	30.57M	16.672M		
5320MHz	Pass	Inf	24.72M	16.624M		
5500MHz	Pass	Inf	23.76M	16.552M		
5580MHz	Pass	Inf	39.87M	18.279M		
5700MHz	Pass	Inf	25.92M	16.672M		
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	23.375M	14.513M		
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	11.964M		
5745MHz	Pass	500k	16.35M	36.342M		
5785MHz	Pass	500k	15.66M	35.526M		
5825MHz	Pass	500k	15.69M	35.502M		
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.78M	17.751M	22.08M	17.751M
5200MHz	Pass	Inf	31.86M	17.799M	29.31M	17.919M
5240MHz	Pass	Inf	40.92M	18.663M	38.04M	19.07M
5260MHz	Pass	Inf	38.28M	18.231M	36.57M	18.999M
5300MHz	Pass	Inf	25.71M	17.751M	25.38M	17.751M
5320MHz	Pass	Inf	22.14M	17.727M	22.32M	17.751M
5500MHz	Pass	Inf	21.66M	17.703M	21.57M	17.703M
5580MHz	Pass	Inf	37.47M	18.111M	36.96M	18.975M
5700MHz	Pass	Inf	21.63M	17.727M	21.51M	17.703M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	26.235M	14.774M	25.053M	14.362M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	12.984M	3.54M	12.534M
5745MHz	Pass	500k	17.52M	37.661M	17.19M	21.133M
5785MHz	Pass	500k	15.99M	28.402M	17.55M	19.862M
5825MHz	Pass	500k	15.45M	38.429M	17.25M	22.741M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.2M	36.318M	39.96M	36.27M
5230MHz	Pass	Inf	42.78M	36.366M	40.56M	36.366M
5270MHz	Pass	Inf	74.22M	36.462M	75.12M	36.606M
5310MHz	Pass	Inf	53.7M	36.414M	39.84M	36.27M
5510MHz	Pass	Inf	40.38M	36.222M	39.96M	36.318M
5550MHz	Pass	Inf	69.12M	36.366M	65.94M	36.414M
5670MHz	Pass	Inf	52.38M	36.27M	62.58M	36.366M
5755MHz	Pass	500k	36.3M	44.57M	36.3M	39.34M
5795MHz	Pass	500k	36.06M	58.003M	36.3M	44.138M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	75.898M	82.08M	75.802M
5290MHz	Pass	Inf	82.08M	75.898M	82.08M	75.898M
5530MHz	Pass	Inf	82.32M	75.898M	82.08M	75.898M
5775MHz	Pass	500k	76.32M	75.994M	76.32M	75.994M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.36M	18.879M	21.45M	18.903M
5200MHz	Pass	Inf	23.7M	18.879M	32.16M	18.951M
5240MHz	Pass	Inf	34.35M	19.094M	39.03M	19.262M
5260MHz	Pass	Inf	34.17M	19.07M	34.56M	19.19M
5300MHz	Pass	Inf	21.93M	18.879M	23.49M	18.903M
5320MHz	Pass	Inf	21.57M	18.903M	23.07M	18.855M
5500MHz	Pass	Inf	21.48M	18.855M	21.12M	18.855M
5580MHz	Pass	Inf	32.85M	19.022M	33.18M	19.142M
5700MHz	Pass	Inf	21.45M	18.855M	21.18M	18.879M

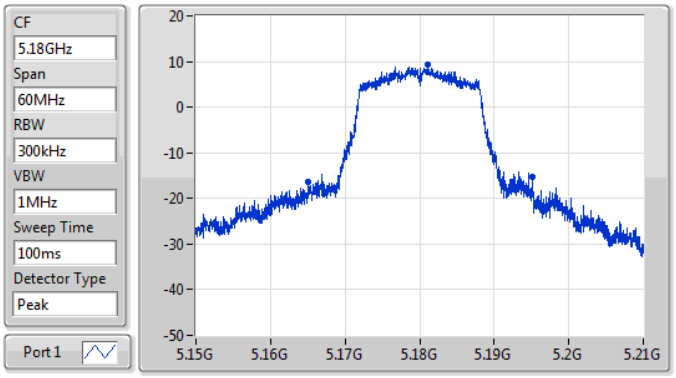
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	22.44M	14.54M	22.619M	14.499M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.005M	13.343M	3.21M	13.523M
5745MHz	Pass	500k	16.62M	34.903M	16.32M	21.517M
5785MHz	Pass	500k	16.77M	26.315M	17.88M	20.126M
5825MHz	Pass	500k	16.35M	38.525M	16.5M	21.325M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.32M	37.613M	40.08M	37.565M
5230MHz	Pass	Inf	40.26M	37.661M	40.62M	37.613M
5270MHz	Pass	Inf	76.86M	37.757M	70.74M	37.853M
5310MHz	Pass	Inf	40.26M	37.565M	40.44M	37.613M
5510MHz	Pass	Inf	40.26M	37.565M	40.2M	37.613M
5550MHz	Pass	Inf	41.28M	37.613M	70.56M	37.805M
5670MHz	Pass	Inf	41.16M	37.613M	52.5M	37.709M
5755MHz	Pass	500k	37.56M	45.817M	37.68M	38.813M
5795MHz	Pass	500k	37.02M	57.619M	36.9M	44.09M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.241M	81.84M	77.049M
5290MHz	Pass	Inf	82.32M	77.241M	81.36M	77.145M
5530MHz	Pass	Inf	81.96M	77.049M	81.6M	77.049M
5775MHz	Pass	500k	76.8M	77.145M	77.4M	77.433M

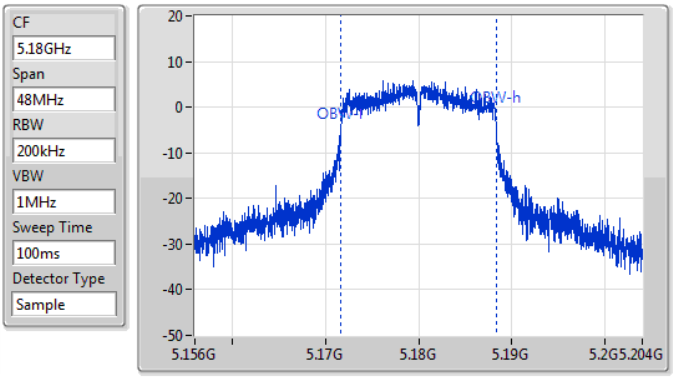
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_1TX EBW

5180MHz

15/09/2020



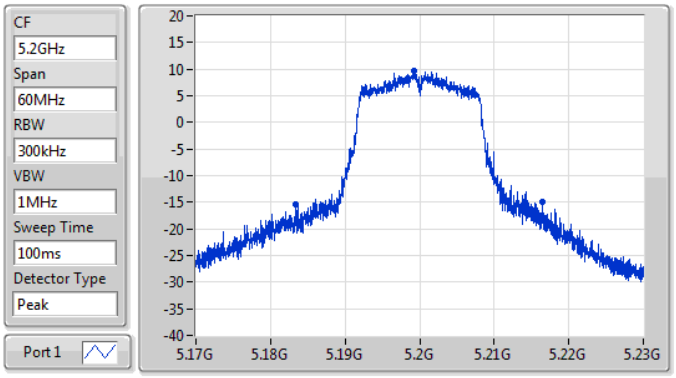


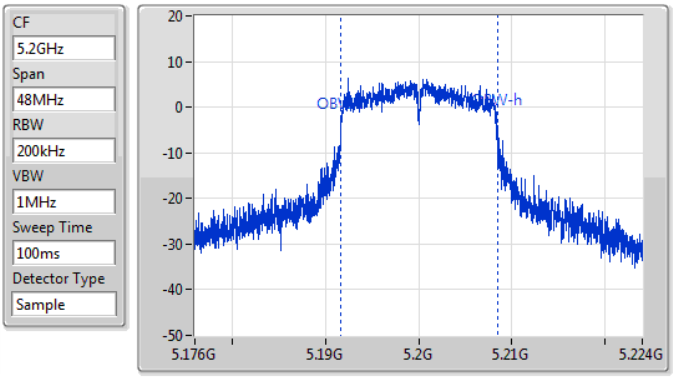
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.97M	5.16512G	5.19509G	16.72M	5.171604G	5.188324G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5200MHz

15/09/2020



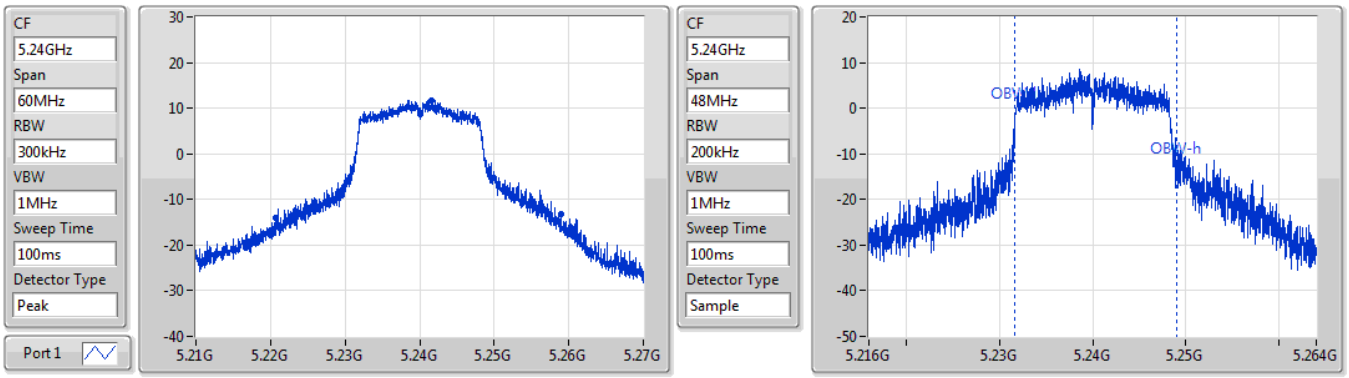


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.09M	5.18329G	5.21638G	16.816M	5.191628G	5.208444G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5240MHz

15/09/2020

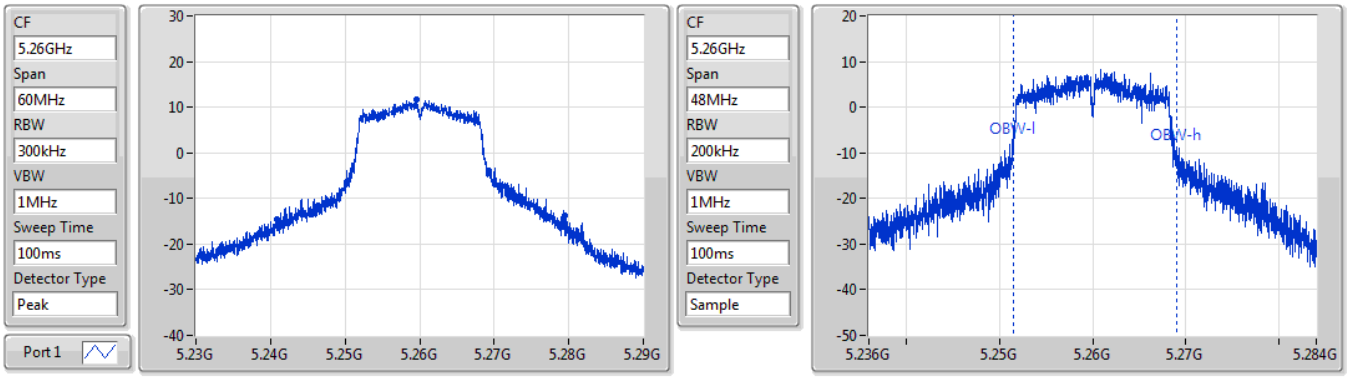


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.31M	5.22068G	5.25899G	17.487M	5.231604G	5.249091G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

15/09/2020

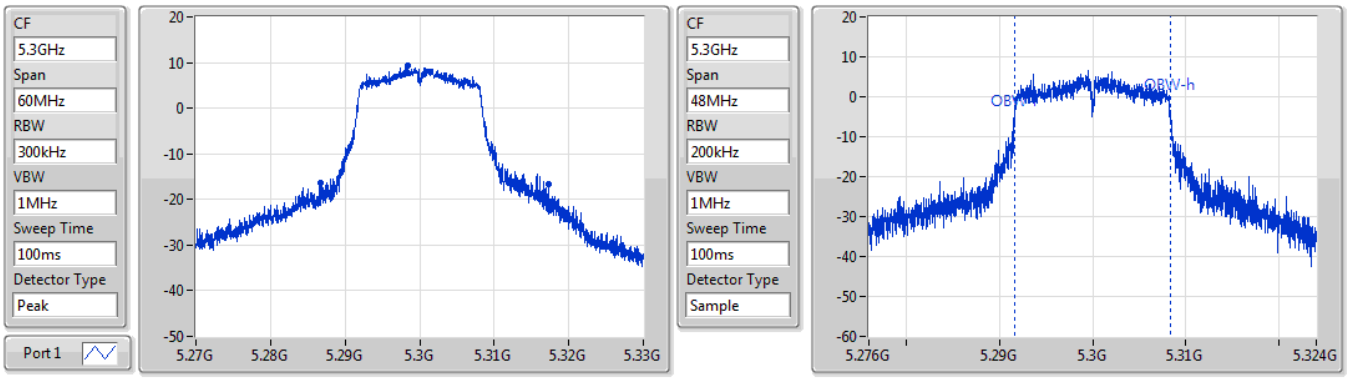


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.73M	5.2408G	5.27953G	17.487M	5.251484G	5.268972G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

15/09/2020

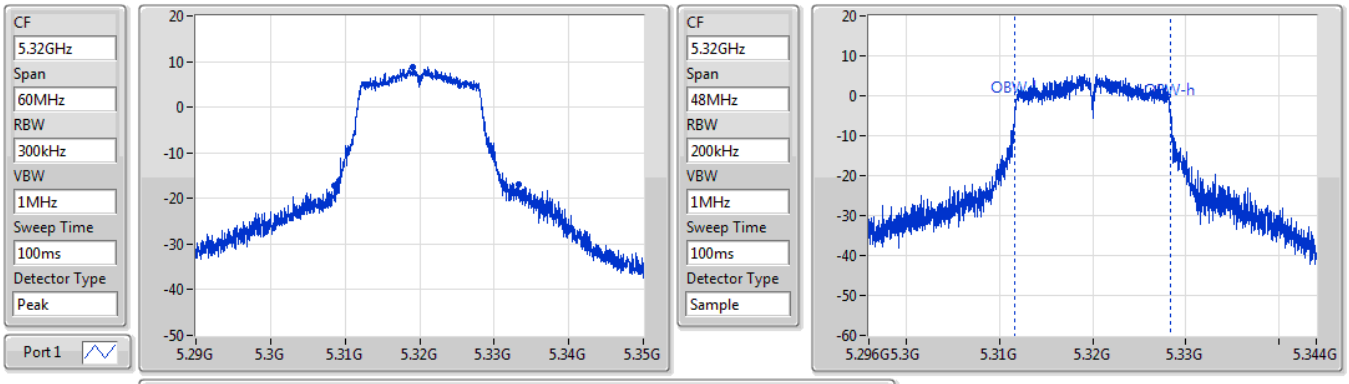


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.57M	5.28665G	5.31722G	16.672M	5.291676G	5.308348G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

15/09/2020

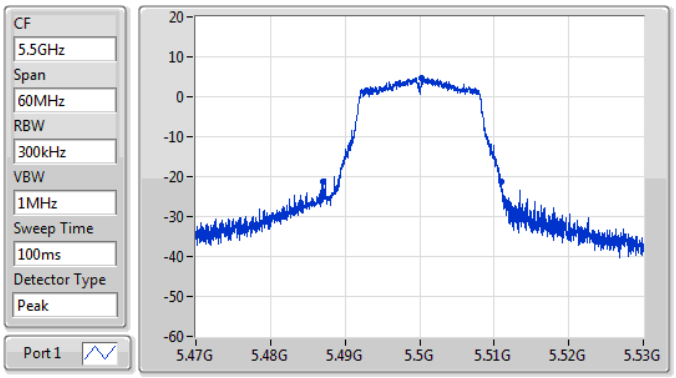


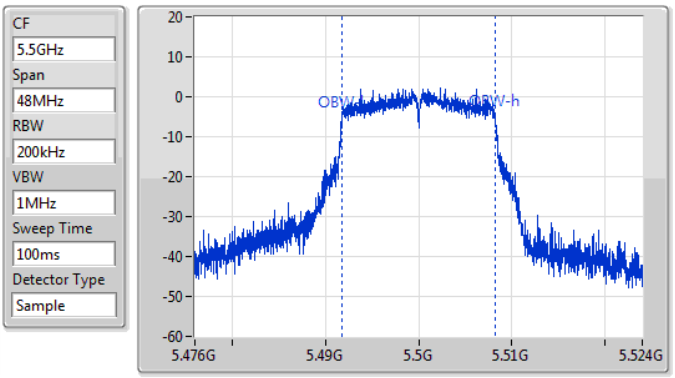
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.72M	5.30863G	5.33335G	16.624M	5.3117G	5.328324G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

15/09/2020



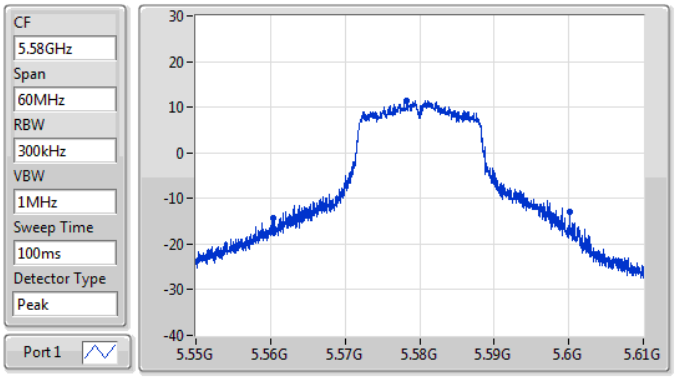


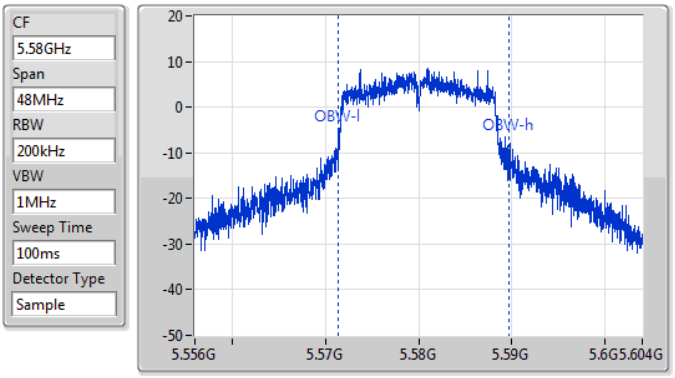
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.76M	5.48713G	5.51089G	16.552M	5.491724G	5.508276G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

15/09/2020



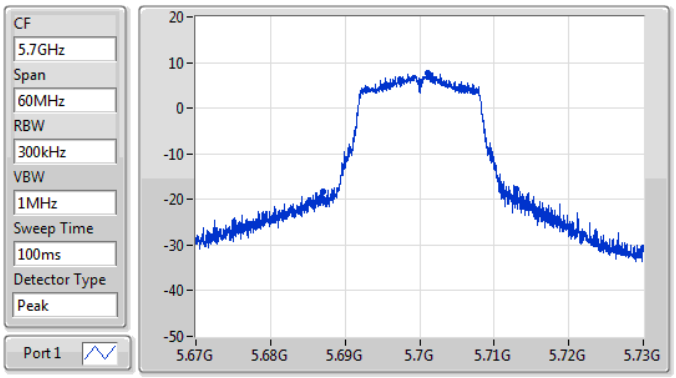


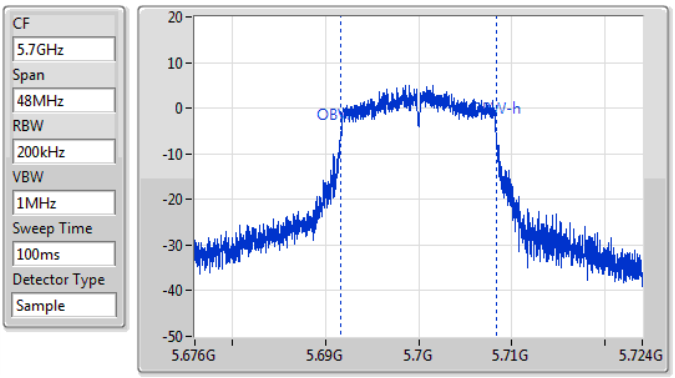
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.87M	5.56029G	5.60016G	18.279M	5.571364G	5.589643G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

15/09/2020



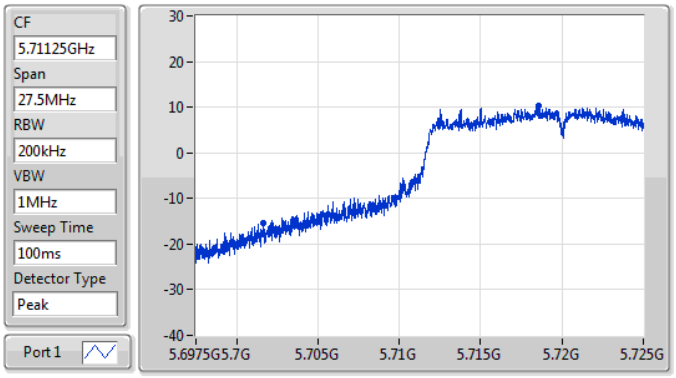


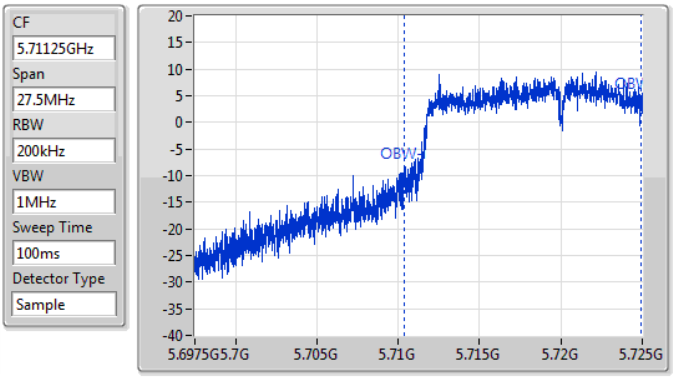
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.92M	5.6871G	5.71302G	16.672M	5.691628G	5.7083G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

15/09/2020



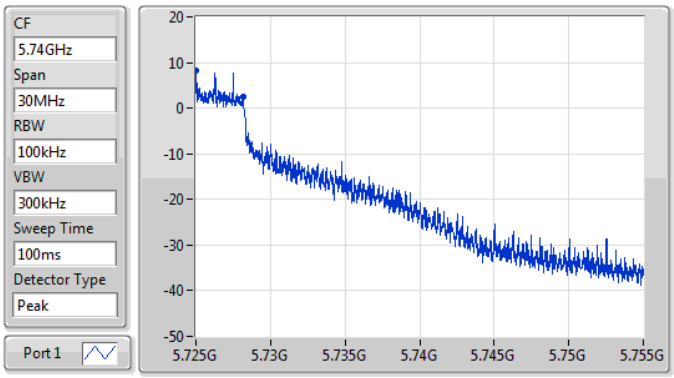


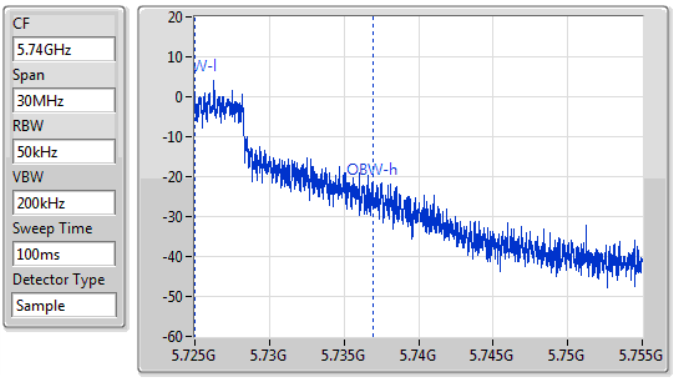
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.375M	5.701625G	5.725G	14.513M	5.710398G	5.724911G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

15/09/2020



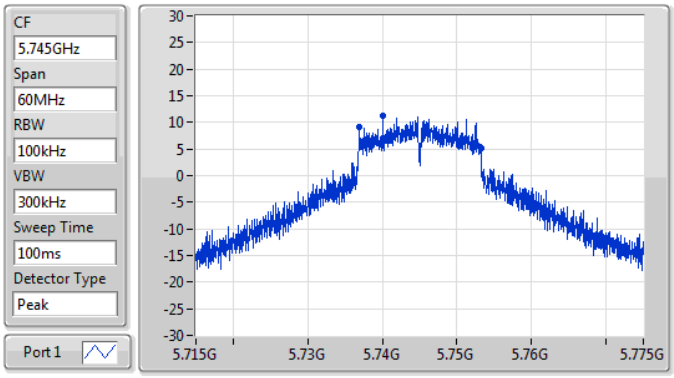


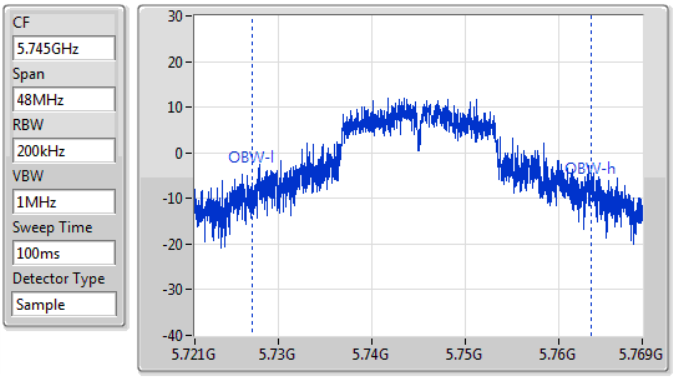
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	11.964M	5.725007G	5.736972G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5745MHz

15/09/2020



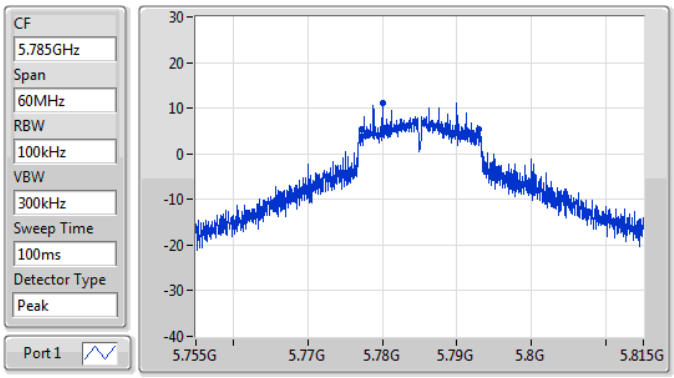


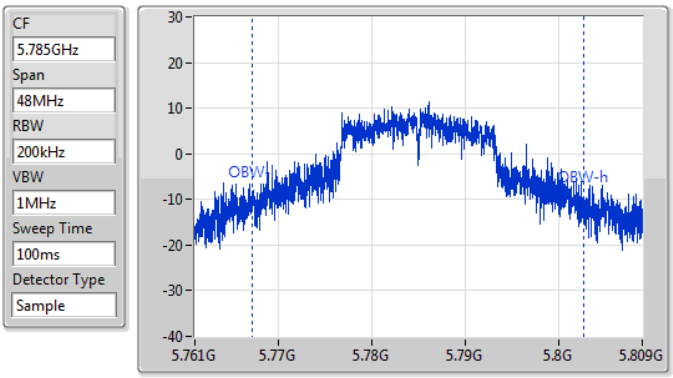
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73687G	5.75322G	36.342M	5.727177G	5.763519G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5785MHz

15/09/2020



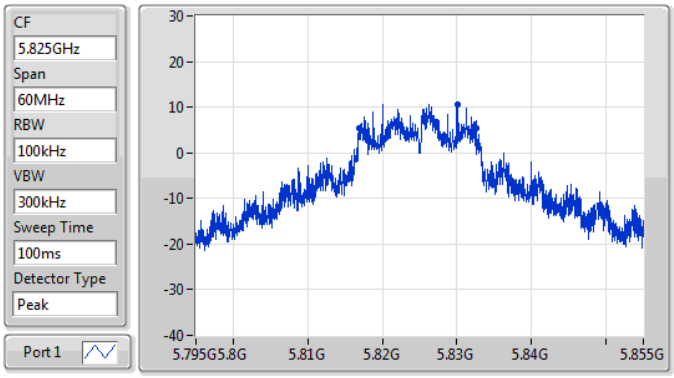


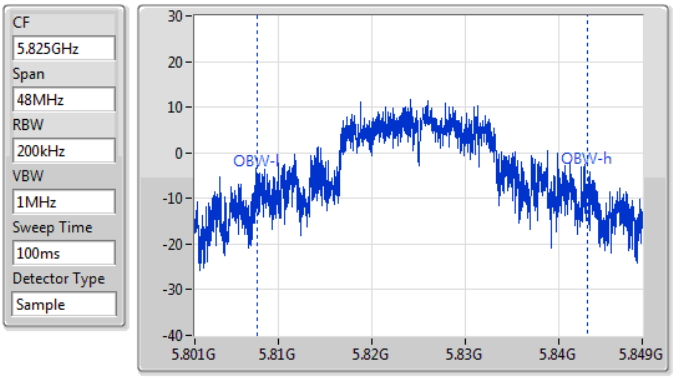
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.66M	5.77726G	5.79292G	35.526M	5.767201G	5.802727G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5825MHz

15/09/2020



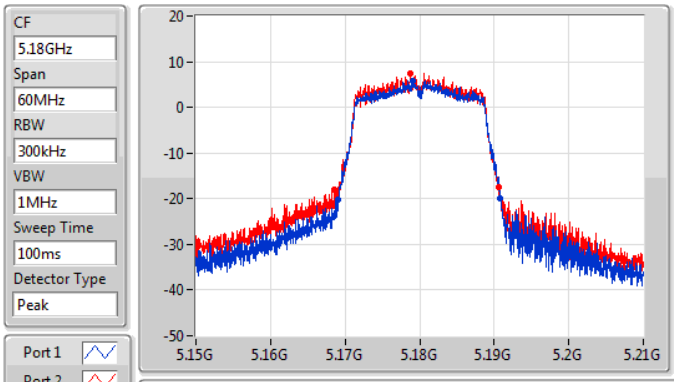


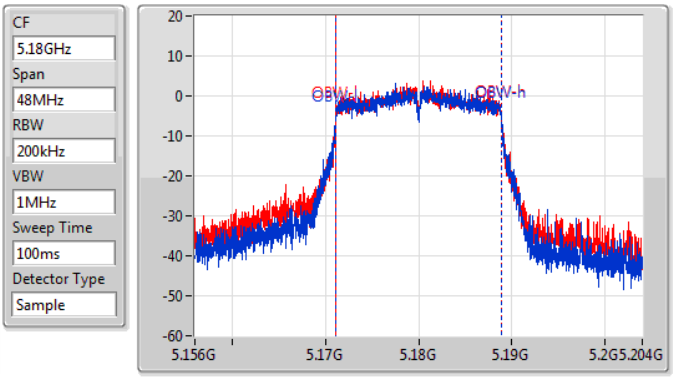
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.81687G	5.83256G	35.502M	5.807633G	5.843135G	500k	1

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

18/09/2020



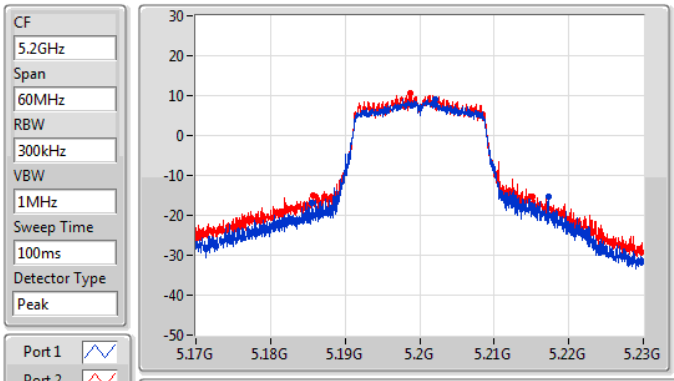


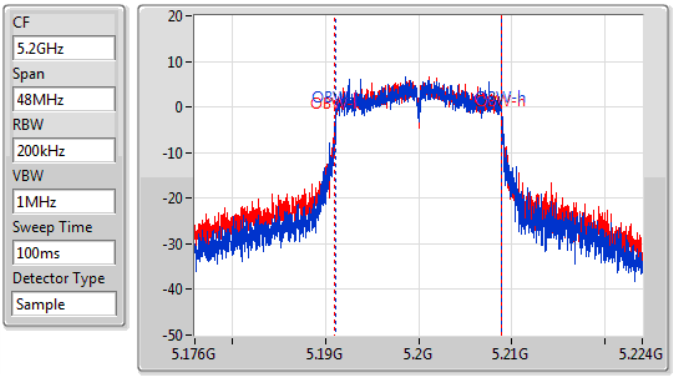
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.16908G	5.19086G	17.751M	5.171124G	5.188876G	Inf	1
22.08M	5.1686G	5.19068G	17.751M	5.171124G	5.188876G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

18/09/2020



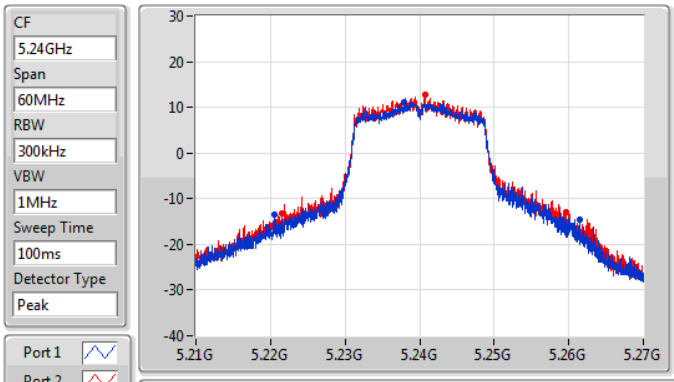


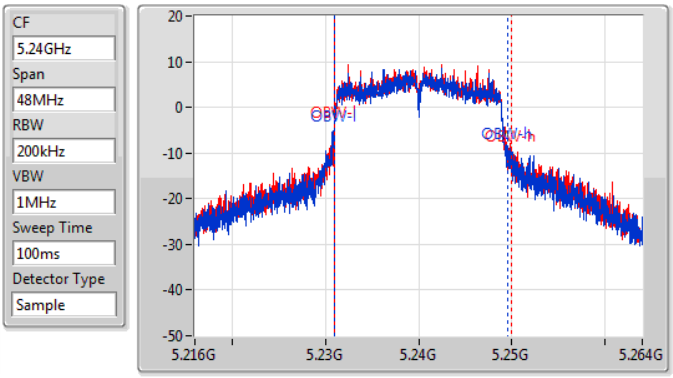
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.86M	5.18548G	5.21734G	17.799M	5.191124G	5.208924G	Inf	1
29.31M	5.18578G	5.21509G	17.919M	5.191028G	5.208948G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

18/09/2020



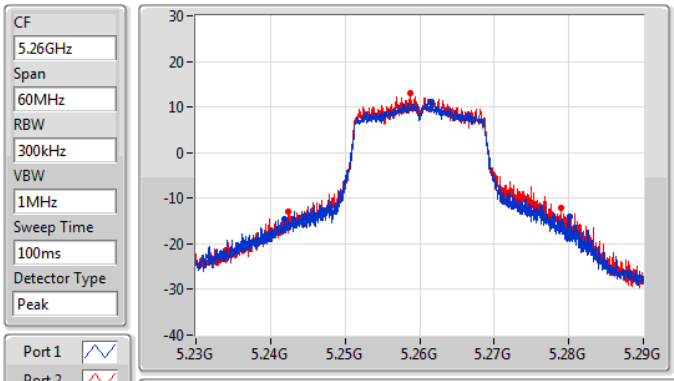


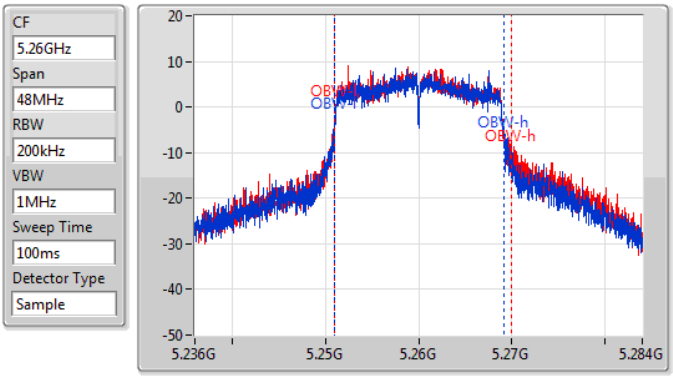
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.22059G	5.26151G	18.663M	5.230957G	5.249619G	Inf	1
38.04M	5.22152G	5.25956G	19.07M	5.230909G	5.249979G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

18/09/2020



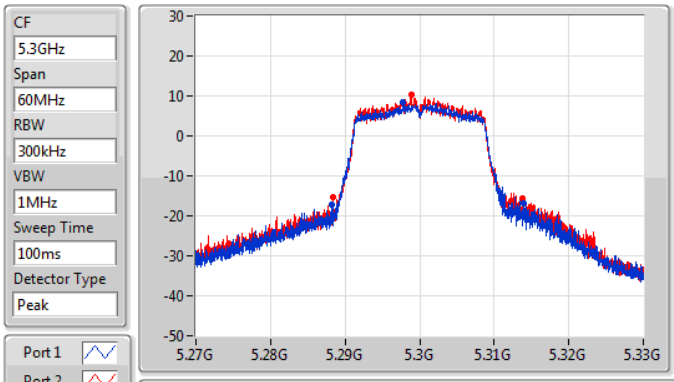


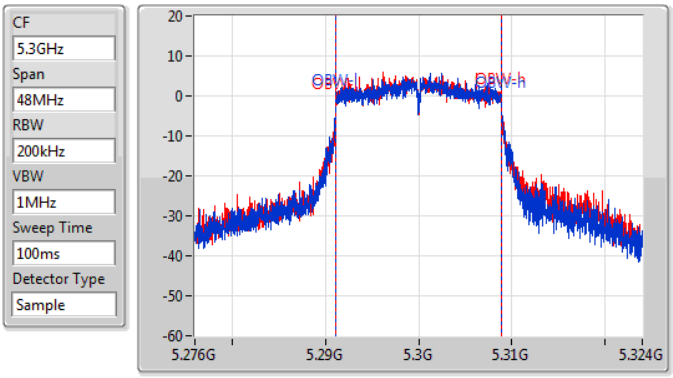
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.28M	5.24179G	5.28007G	18.231M	5.250981G	5.269211G	Inf	1
36.57M	5.24233G	5.2789G	18.999M	5.250981G	5.269979G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

18/09/2020



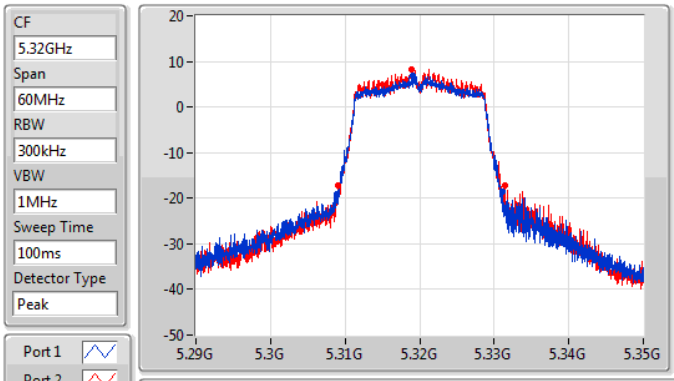


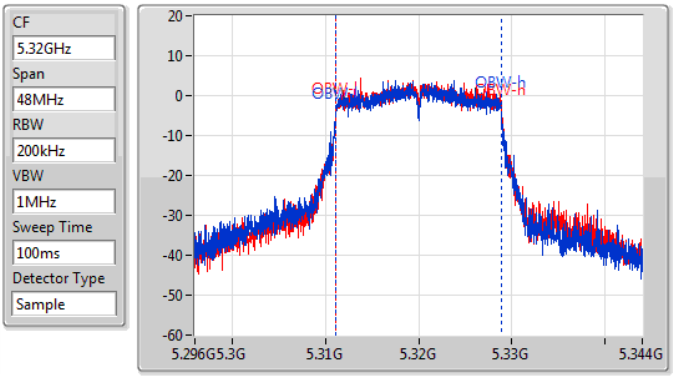
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.71M	5.28824G	5.31395G	17.751M	5.291172G	5.308924G	Inf	1
25.38M	5.28845G	5.31383G	17.751M	5.291148G	5.3089G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

18/09/2020



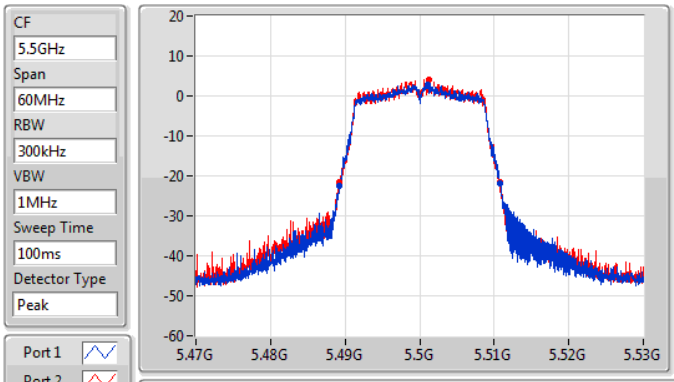


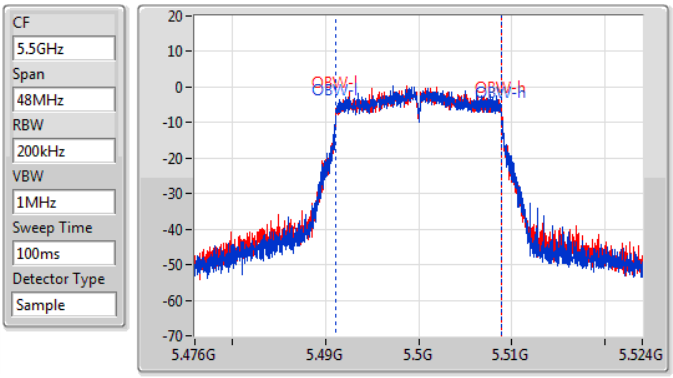
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.14M	5.30893G	5.33107G	17.727M	5.311124G	5.328852G	Inf	1
22.32M	5.30905G	5.33137G	17.751M	5.311148G	5.3289G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

18/09/2020



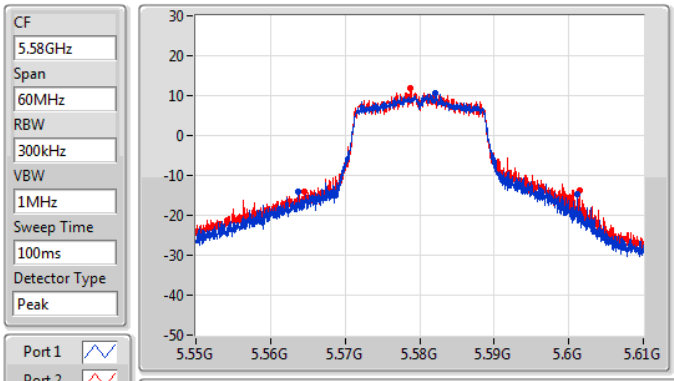


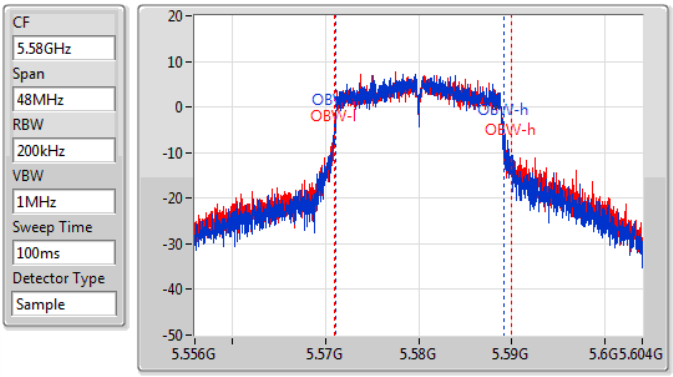
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.4892G	5.51086G	17.703M	5.491172G	5.508876G	Inf	1
21.57M	5.48914G	5.51071G	17.703M	5.491172G	5.508876G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

18/09/2020



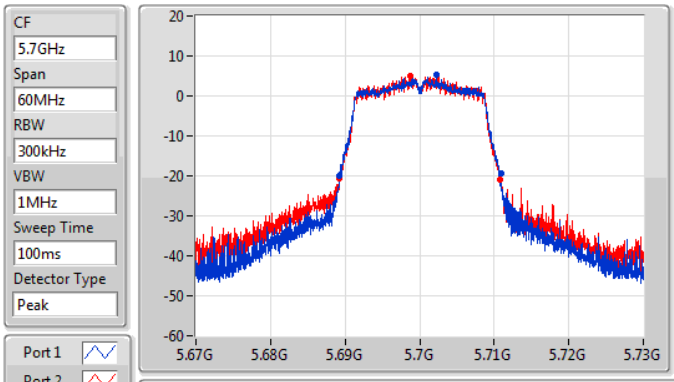


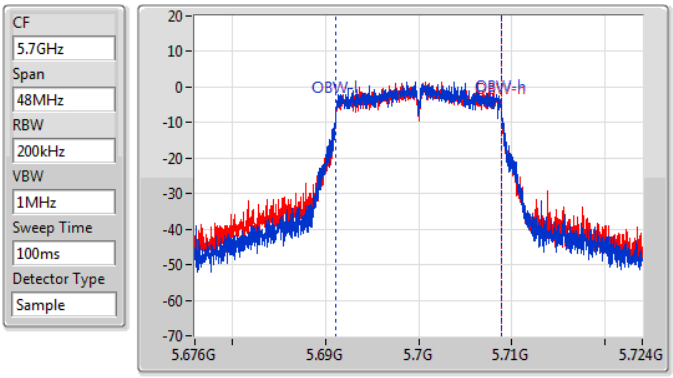
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.47M	5.56368G	5.60115G	18.111M	5.571076G	5.589187G	Inf	1
36.96M	5.56446G	5.60142G	18.975M	5.570981G	5.589955G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

18/09/2020



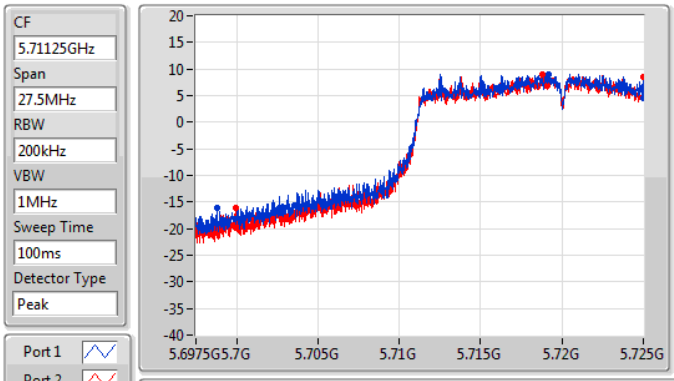


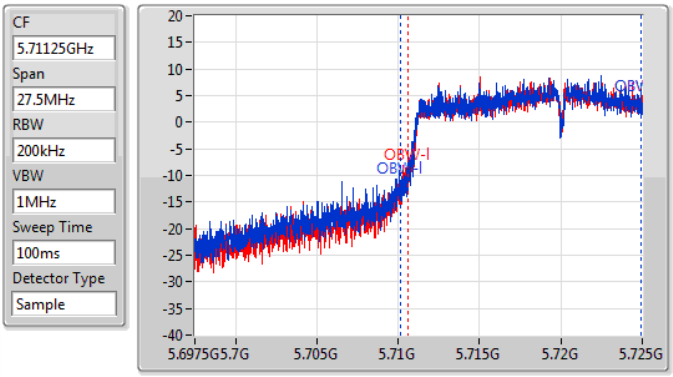
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.68926G	5.71089G	17.727M	5.691148G	5.708876G	Inf	1
21.51M	5.6892G	5.71071G	17.703M	5.691172G	5.708876G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2020



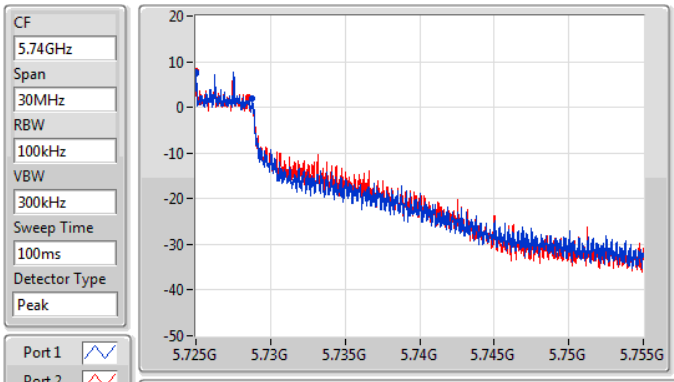


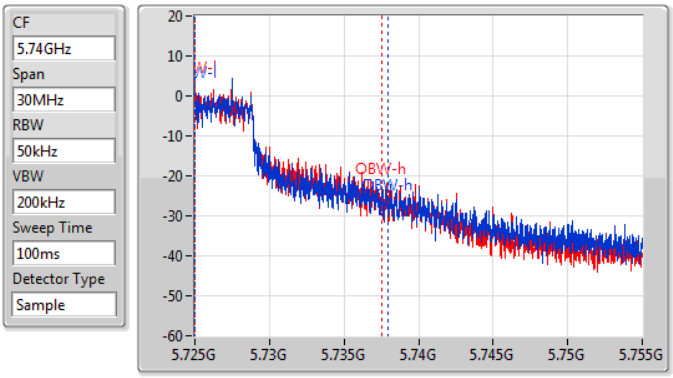
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.235M	5.698765G	5.725G	14.774M	5.710137G	5.724911G	Inf	1
25.053M	5.699948G	5.725G	14.362M	5.710563G	5.724924G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2020



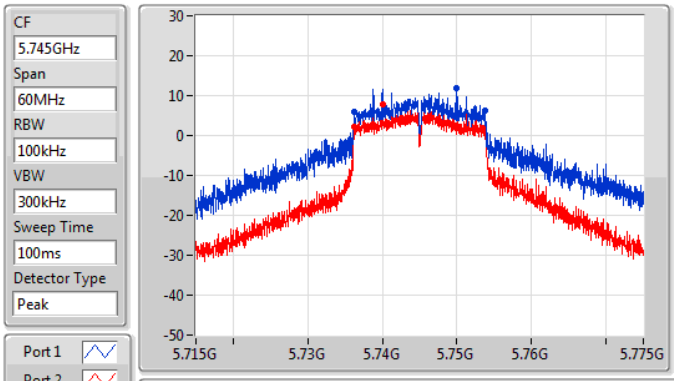


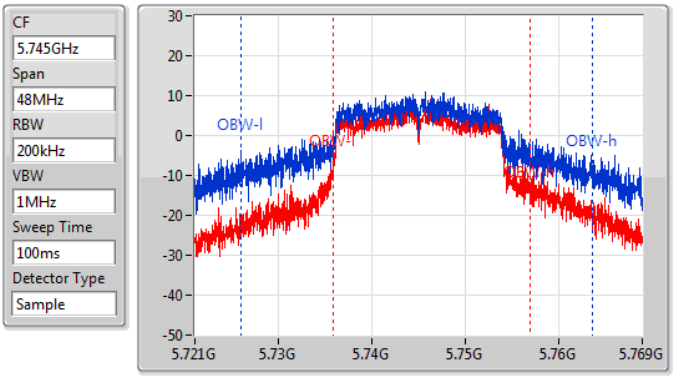
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	12.984M	5.725007G	5.737991G	500k	1
3.54M	5.725G	5.72854G	12.534M	5.725007G	5.737541G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5745MHz

18/09/2020



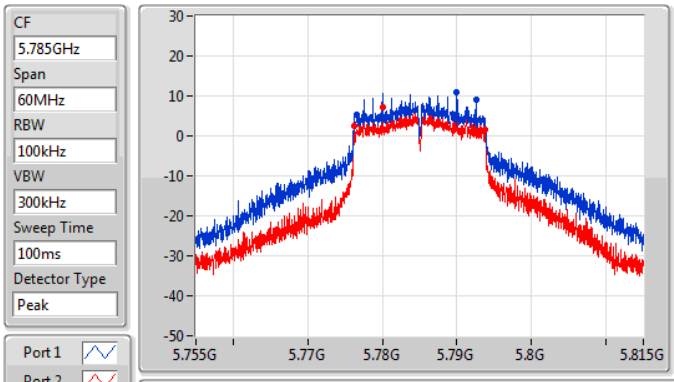


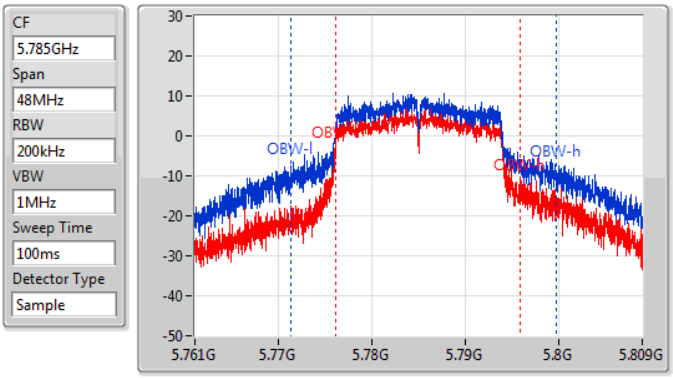
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.52M	5.73627G	5.75379G	37.661M	5.726001G	5.763663G	500k	1
17.19M	5.73624G	5.75343G	21.133M	5.735789G	5.756922G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5785MHz

18/09/2020



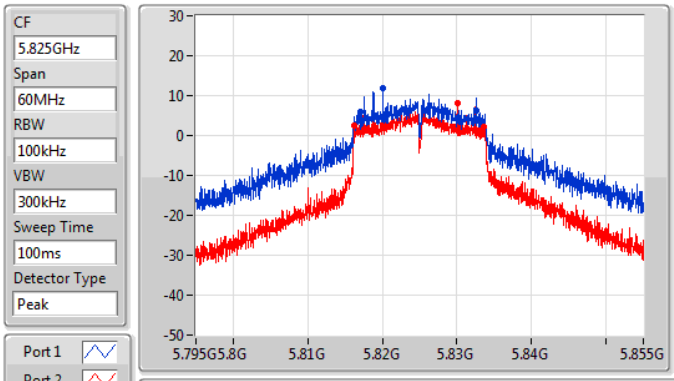


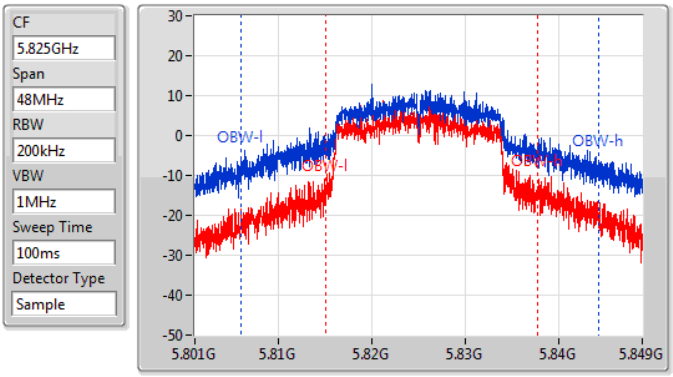
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.99M	5.77654G	5.79253G	28.402M	5.771327G	5.799729G	500k	1
17.55M	5.77627G	5.79382G	19.862M	5.776052G	5.795915G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

18/09/2020



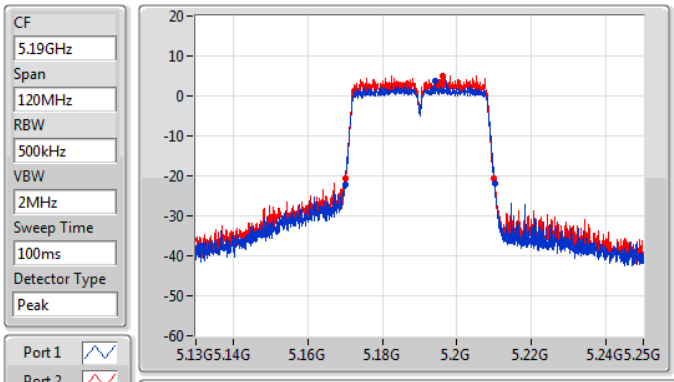


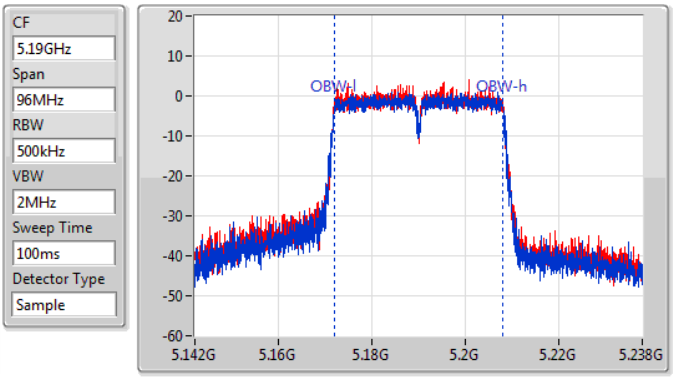
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	5.81714G	5.83259G	38.429M	5.80593G	5.844358G	500k	1
17.25M	5.8163G	5.83355G	22.741M	5.815021G	5.837762G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

18/09/2020



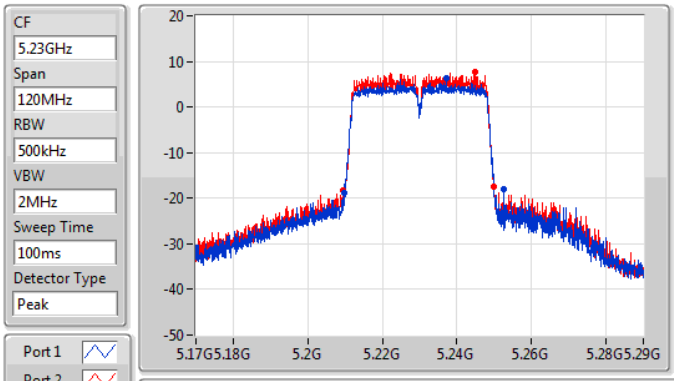


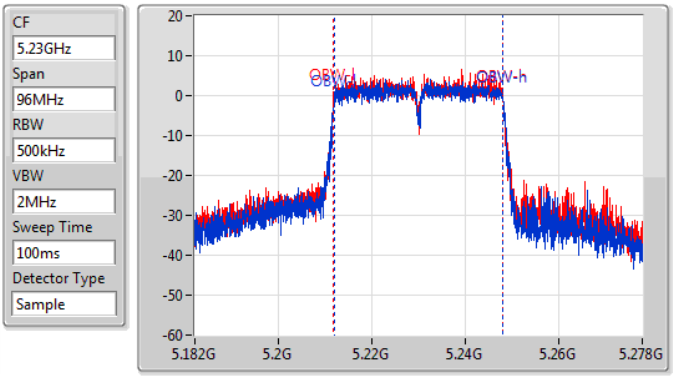
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.17002G	5.21022G	36.318M	5.171865G	5.208183G	Inf	1
39.96M	5.16996G	5.20992G	36.27M	5.171865G	5.208135G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

18/09/2020



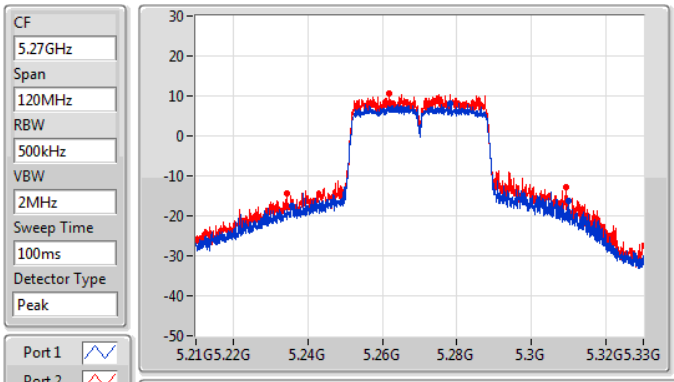


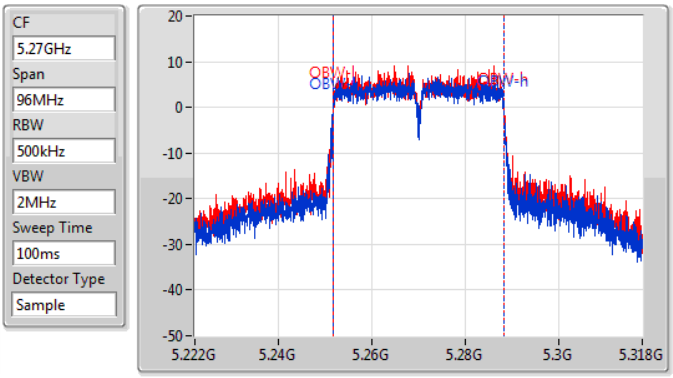
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.78M	5.20972G	5.2525G	36.366M	5.211817G	5.248183G	Inf	1
40.56M	5.20942G	5.24998G	36.366M	5.211769G	5.248135G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

18/09/2020



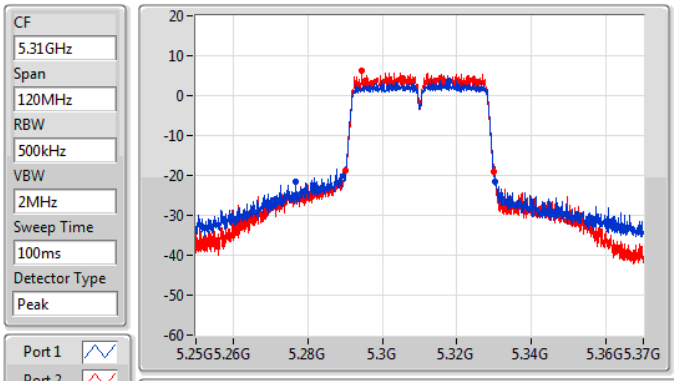


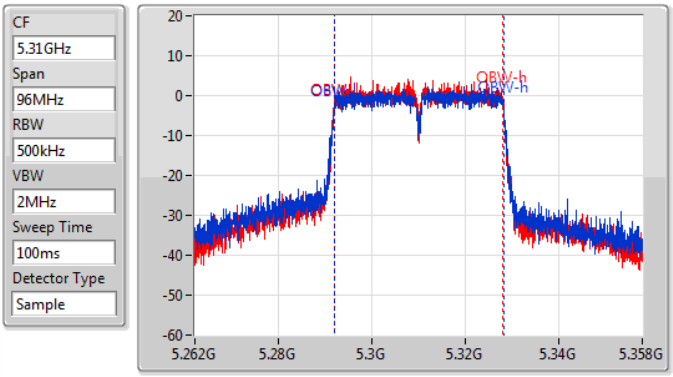
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.22M	5.23562G	5.30984G	36.462M	5.251769G	5.288231G	Inf	1
75.12M	5.2343G	5.30942G	36.606M	5.251721G	5.288327G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

18/09/2020



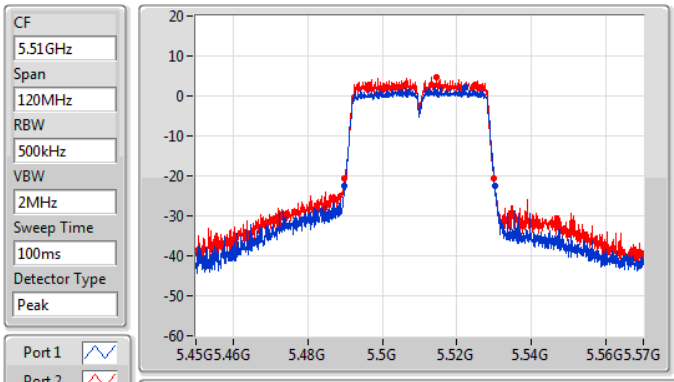


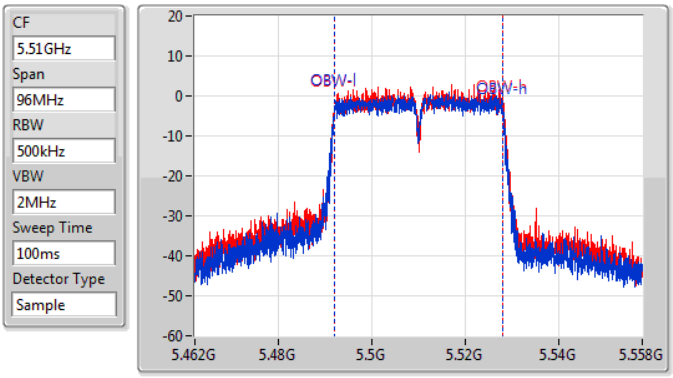
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.7M	5.27664G	5.33034G	36.414M	5.291817G	5.328231G	Inf	1
39.84M	5.29014G	5.32998G	36.27M	5.291865G	5.328135G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

18/09/2020



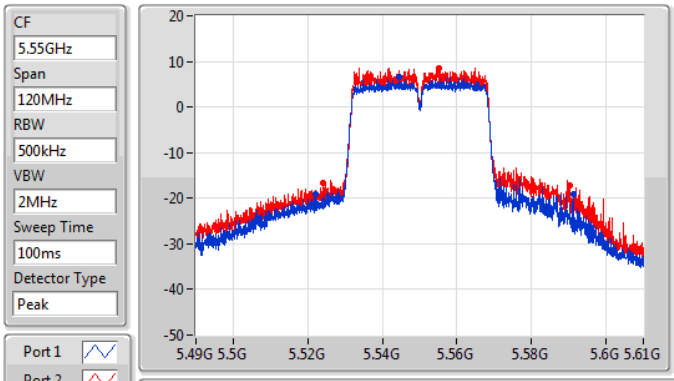


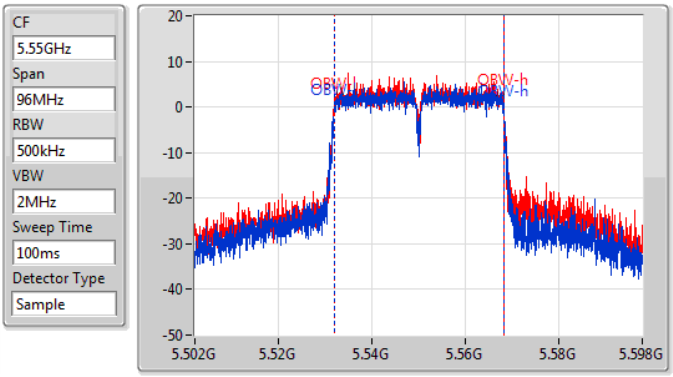
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.48984G	5.53022G	36.222M	5.491913G	5.528135G	Inf	1
39.96M	5.4899G	5.52986G	36.318M	5.491865G	5.528183G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

18/09/2020



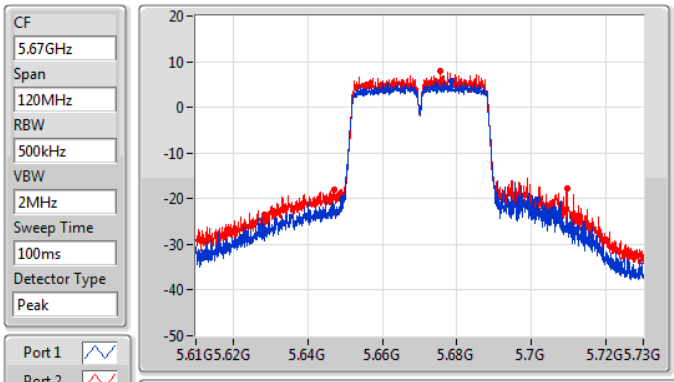


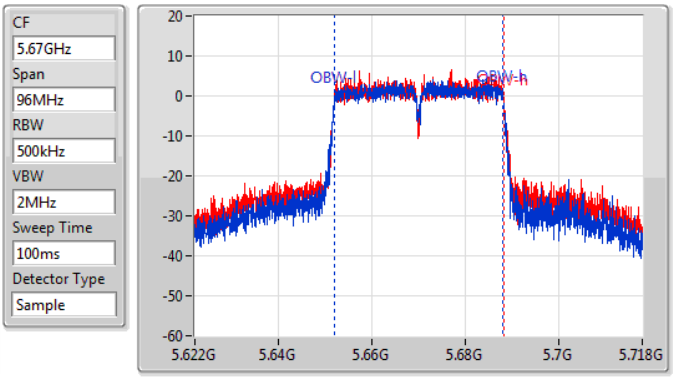
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
69.12M	5.52204G	5.59116G	36.366M	5.531865G	5.568231G	Inf	1
65.94M	5.5242G	5.59014G	36.414M	5.531817G	5.568231G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5670MHz

18/09/2020



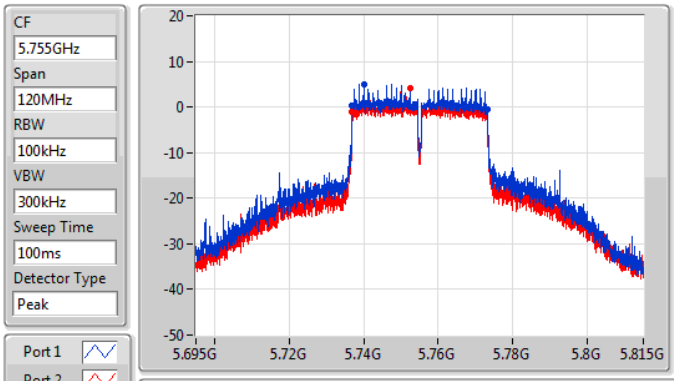


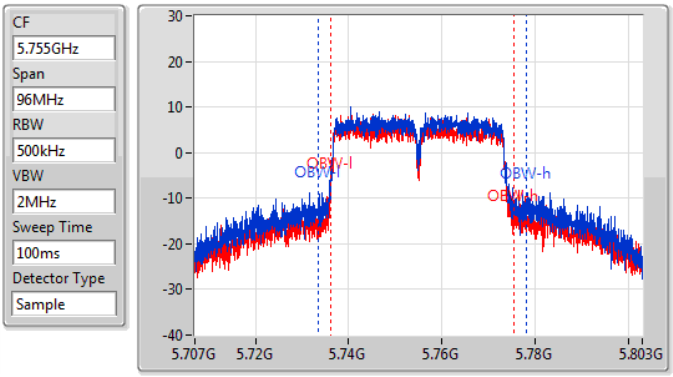
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
52.38M	5.6493G	5.70168G	36.27M	5.651913G	5.688183G	Inf	1
62.58M	5.64696G	5.70954G	36.366M	5.651865G	5.688231G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

18/09/2020



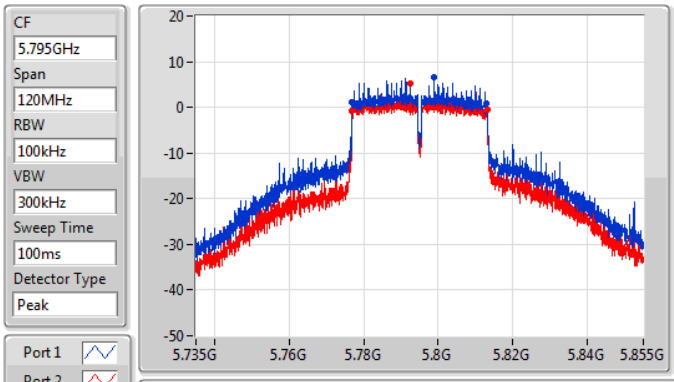


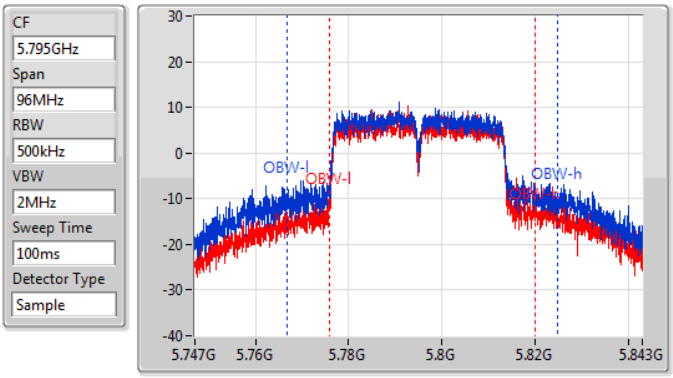
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73688G	5.77318G	44.57M	5.733603G	5.778172G	500k	1
36.3M	5.73688G	5.77318G	39.34M	5.736241G	5.775582G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

18/09/2020



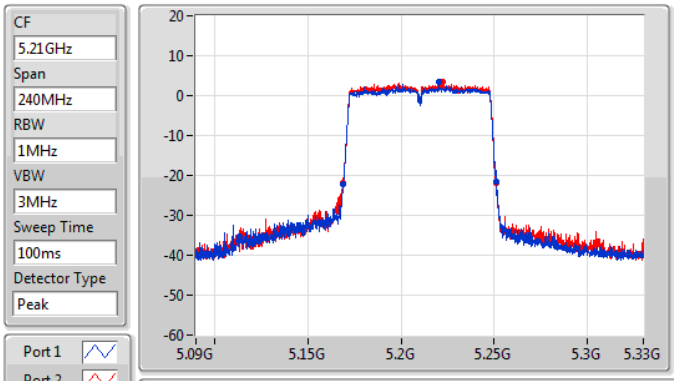


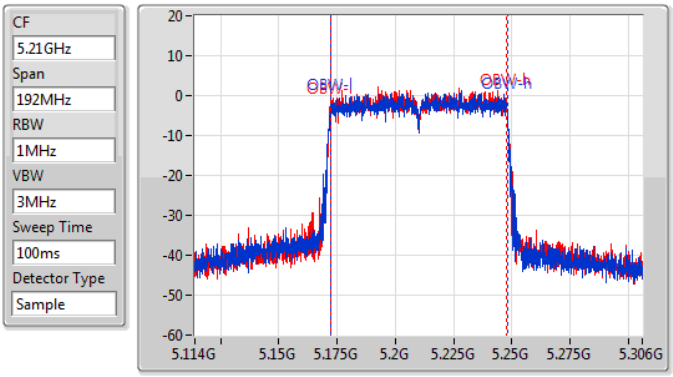
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.06M	5.77688G	5.81294G	58.003M	5.766694G	5.824697G	500k	1
36.3M	5.77688G	5.81318G	44.138M	5.775762G	5.8199G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

18/09/2020



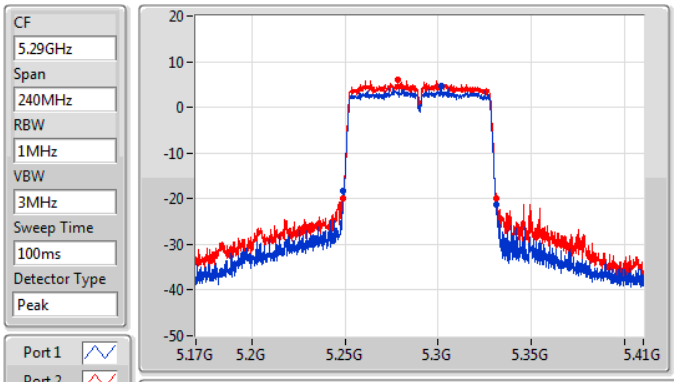


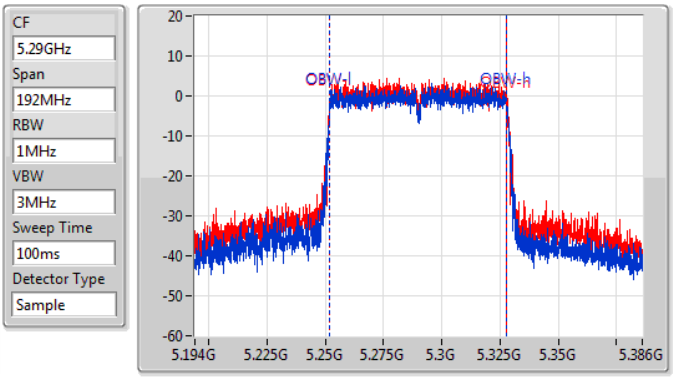
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.16884G	5.25104G	75.898M	5.172099G	5.247997G	Inf	1
82.08M	5.16884G	5.25092G	75.802M	5.172099G	5.247901G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

18/09/2020



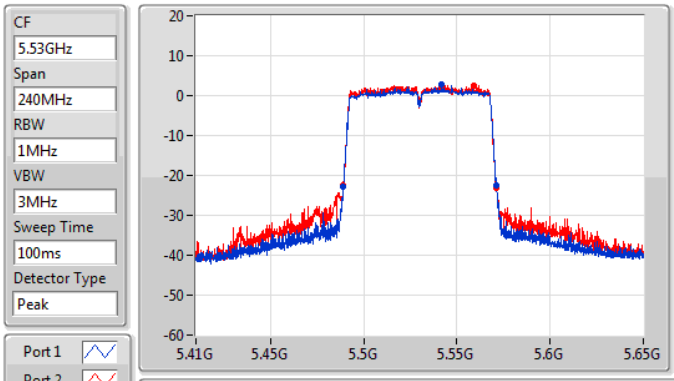


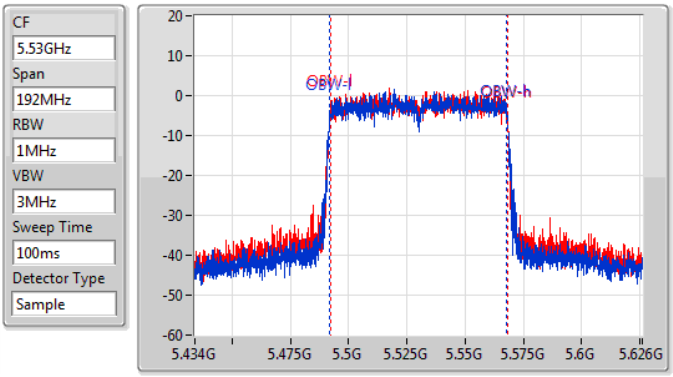
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.2492G	5.33128G	75.898M	5.252003G	5.327901G	Inf	1
82.08M	5.24884G	5.33092G	75.898M	5.252003G	5.327901G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5530MHz

18/09/2020



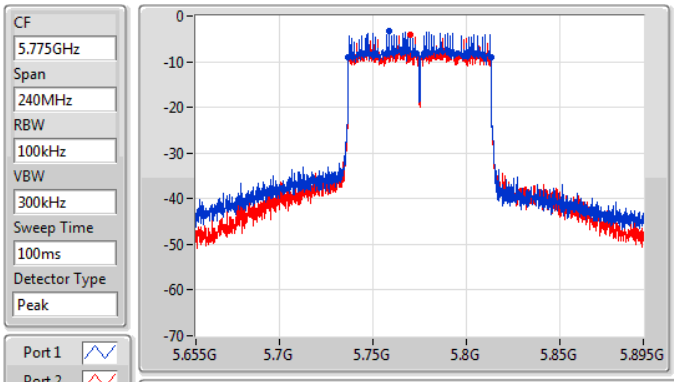


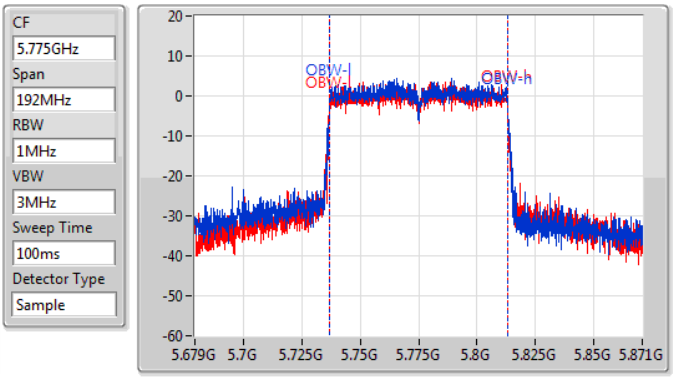
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48908G	5.5714G	75.898M	5.492003G	5.567901G	Inf	1
82.08M	5.48908G	5.57116G	75.898M	5.492099G	5.567997G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

18/09/2020



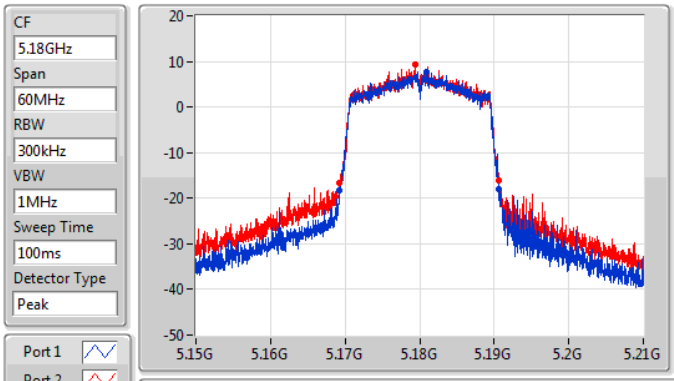


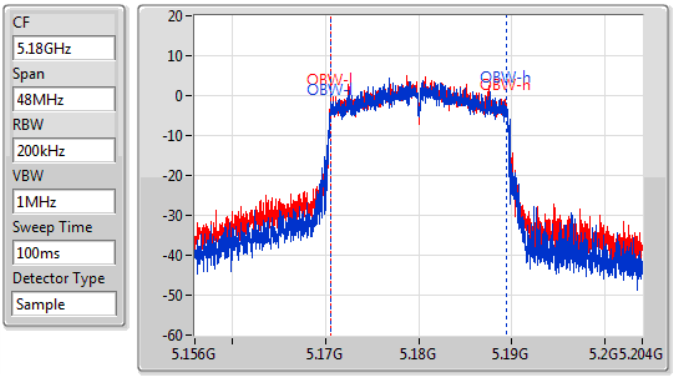
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.32M	5.73684G	5.81316G	75.994M	5.737003G	5.812997G	500k	1
76.32M	5.73684G	5.81316G	75.994M	5.737003G	5.812997G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

18/09/2020



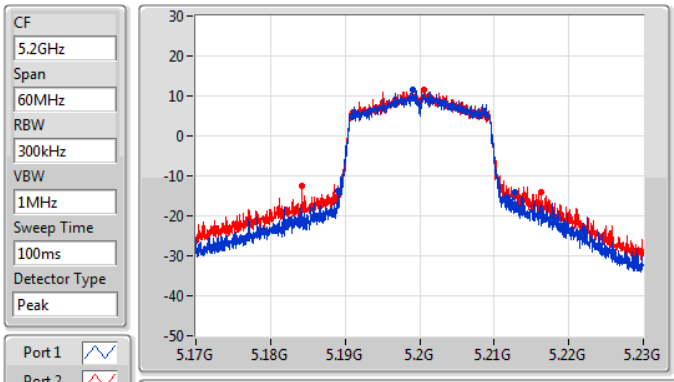


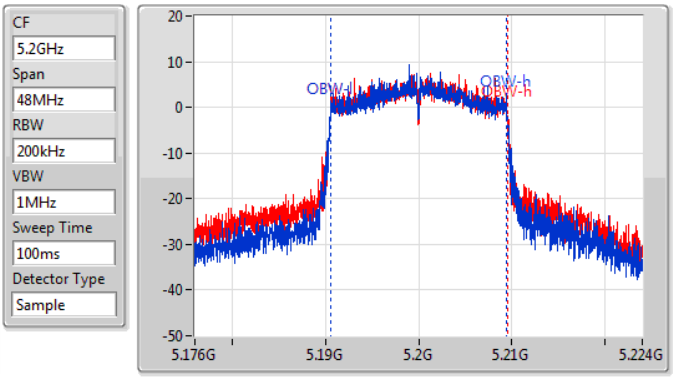
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.16929G	5.19065G	18.879M	5.170597G	5.189475G	Inf	1
21.45M	5.16917G	5.19062G	18.903M	5.170549G	5.189451G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

18/09/2020



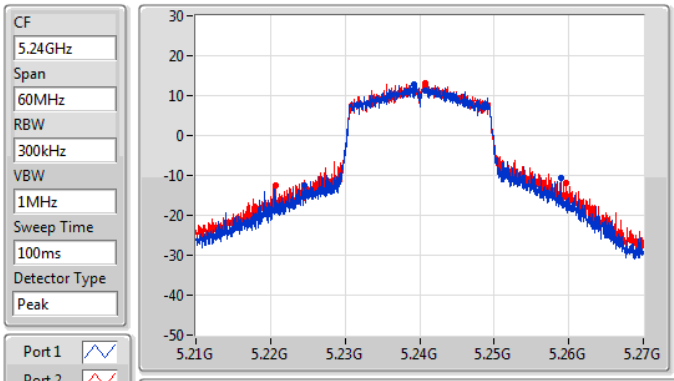


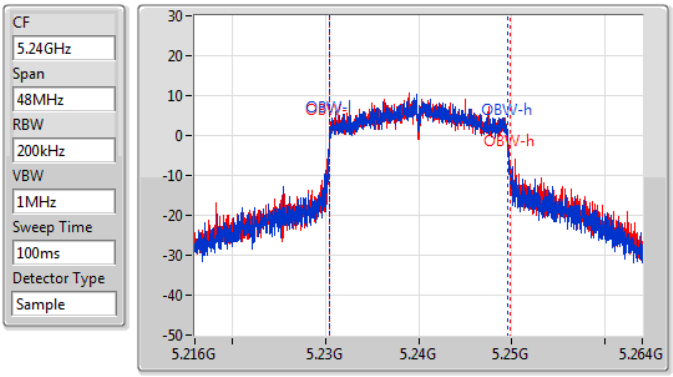
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.7M	5.18902G	5.21272G	18.879M	5.190573G	5.209451G	Inf	1
32.16M	5.18419G	5.21635G	18.951M	5.190549G	5.209499G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

18/09/2020



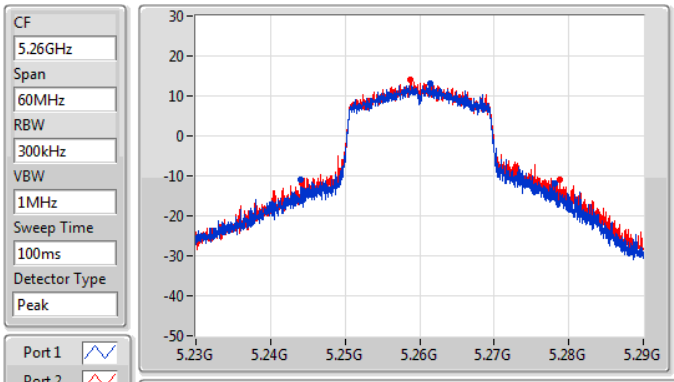


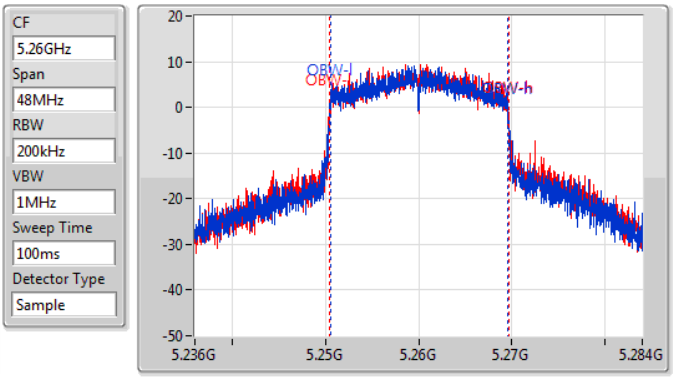
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.35M	5.22455G	5.2589G	19.094M	5.230501G	5.249595G	Inf	1
39.03M	5.22062G	5.25965G	19.262M	5.230501G	5.249763G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

18/09/2020



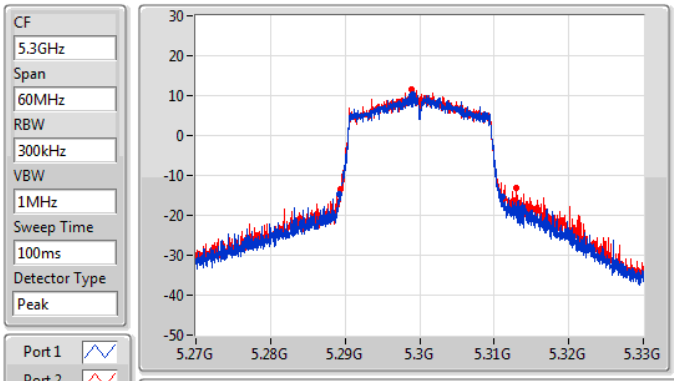


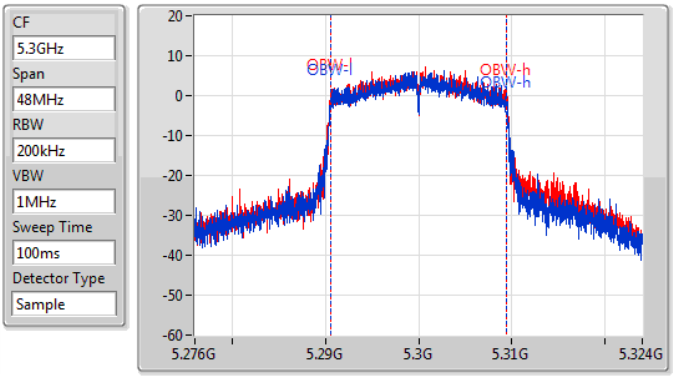
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.17M	5.24404G	5.27821G	19.07M	5.250525G	5.269595G	Inf	1
34.56M	5.24416G	5.27872G	19.19M	5.250501G	5.269691G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

18/09/2020



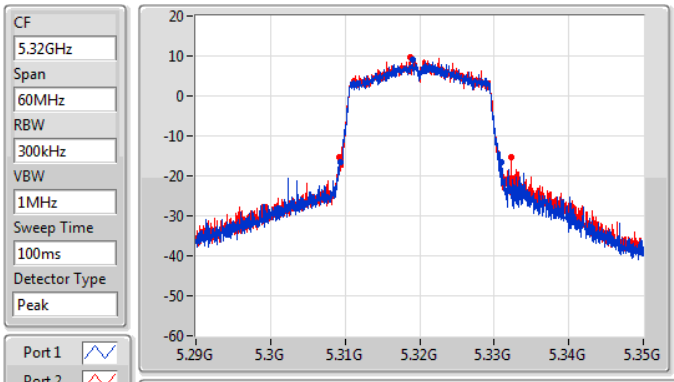


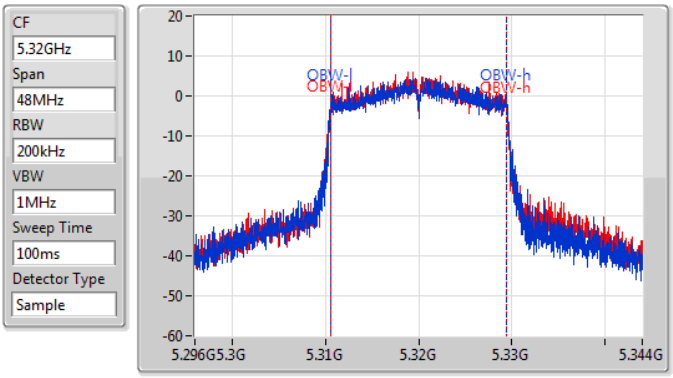
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.28926G	5.31119G	18.879M	5.290573G	5.309451G	Inf	1
23.49M	5.28944G	5.31293G	18.903M	5.290573G	5.309475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

18/09/2020



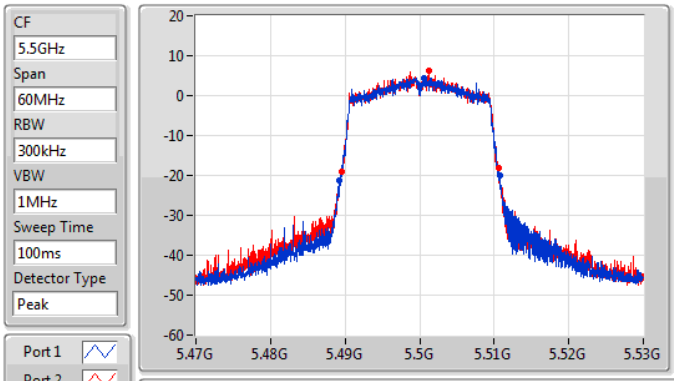


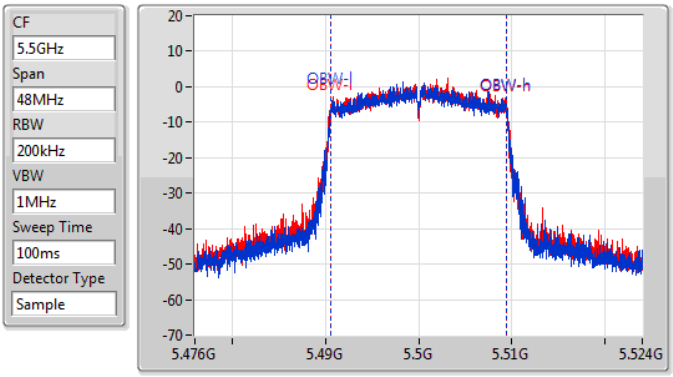
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.30935G	5.33092G	18.903M	5.310573G	5.329475G	Inf	1
23.07M	5.30923G	5.3323G	18.855M	5.310573G	5.329427G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

18/09/2020





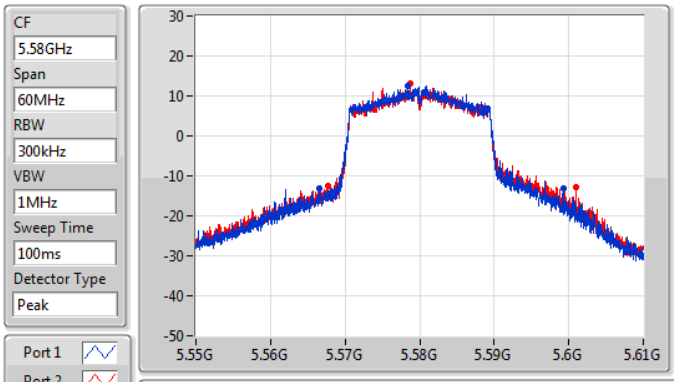
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.48929G	5.51077G	18.855M	5.490597G	5.509451G	Inf	1
21.12M	5.4895G	5.51062G	18.855M	5.490597G	5.509451G	Inf	2

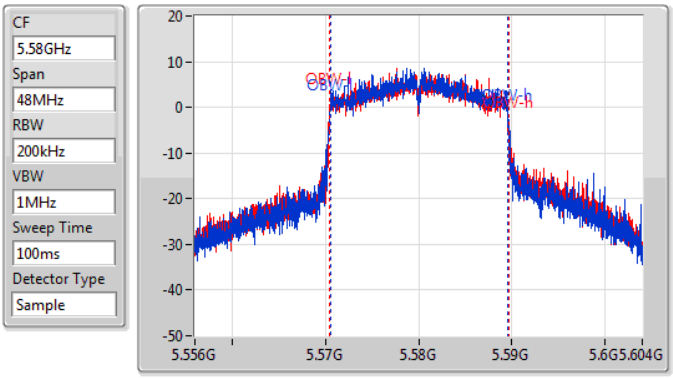
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

18/09/2020





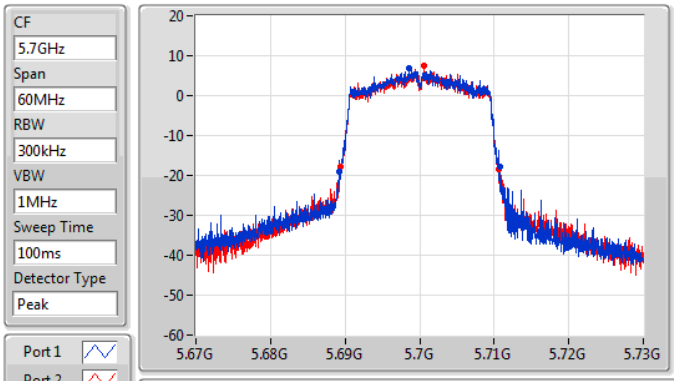
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.85M	5.56647G	5.59932G	19.022M	5.570549G	5.589571G	Inf	1
33.18M	5.56773G	5.60091G	19.142M	5.570501G	5.589643G	Inf	2

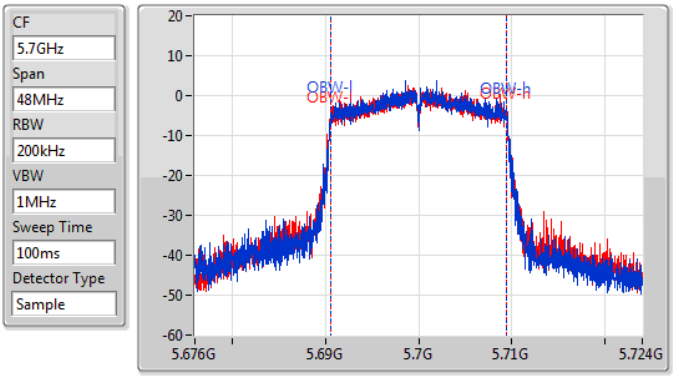
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

18/09/2020



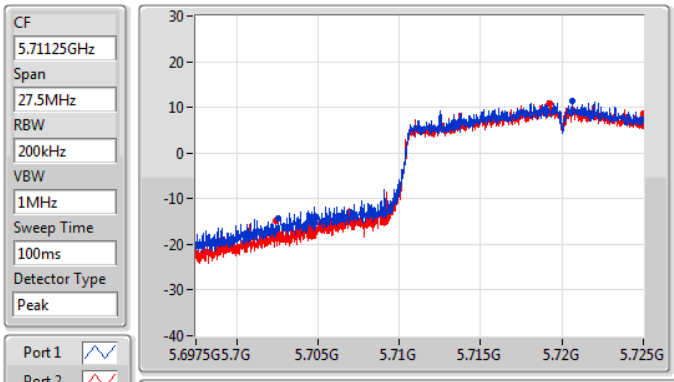


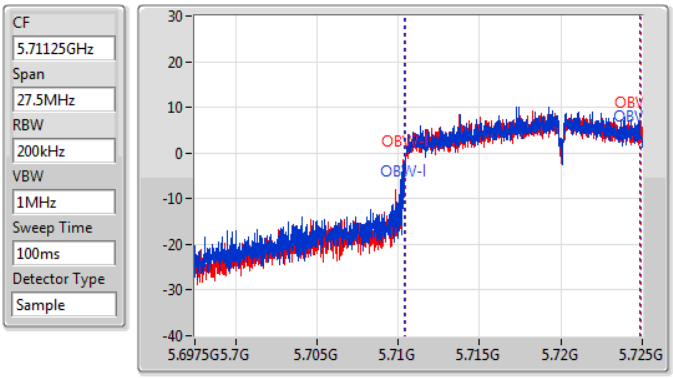
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.68926G	5.71071G	18.855M	5.690597G	5.709451G	Inf	1
21.18M	5.68941G	5.71059G	18.879M	5.690597G	5.709475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2020



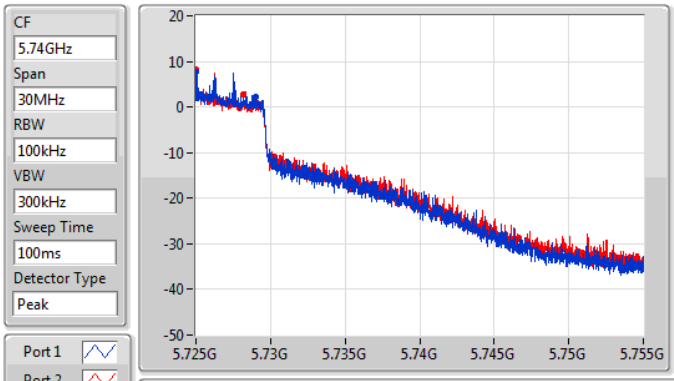


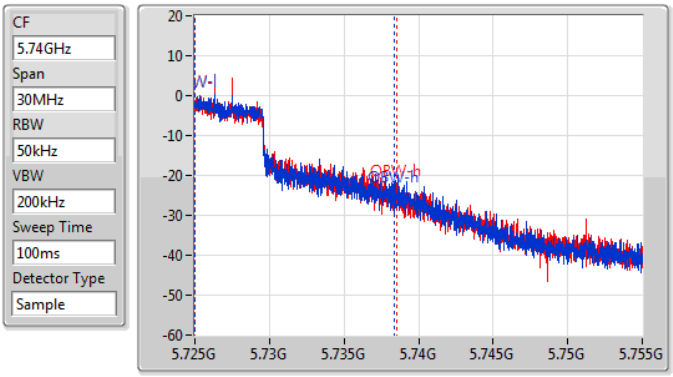
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.44M	5.70256G	5.725G	14.54M	5.710343G	5.724883G	Inf	1
22.619M	5.702381G	5.725G	14.499M	5.710412G	5.724911G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2020





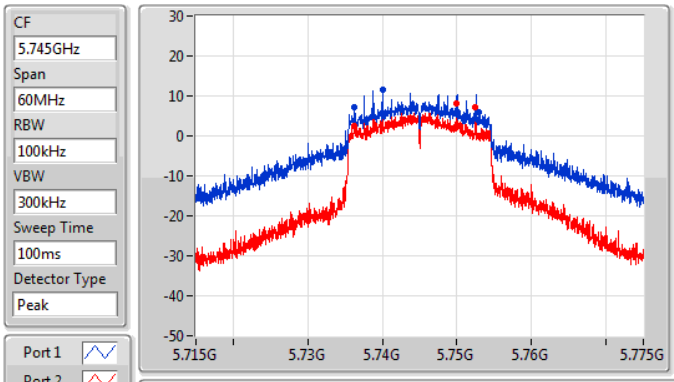
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.005M	5.725015G	5.72902G	13.343M	5.725022G	5.738366G	500k	1
3.21M	5.725G	5.72821G	13.523M	5.725022G	5.738546G	500k	2

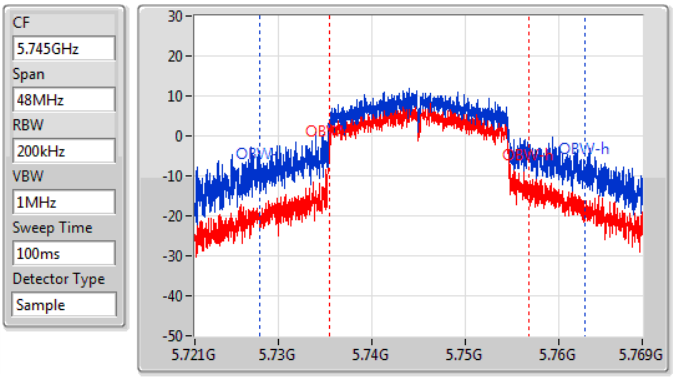
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

18/09/2020





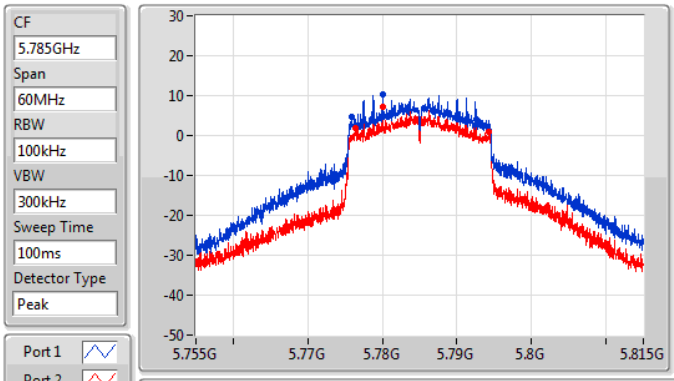
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.62M	5.73624G	5.75286G	34.903M	5.727897G	5.762799G	500k	1
16.32M	5.73618G	5.7525G	21.517M	5.735381G	5.756898G	500k	2

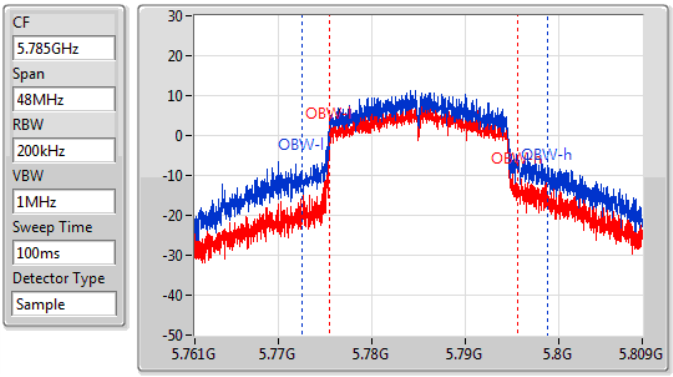
802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

18/09/2020



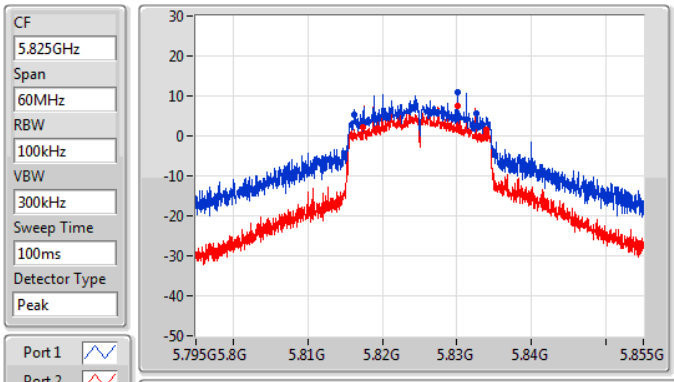


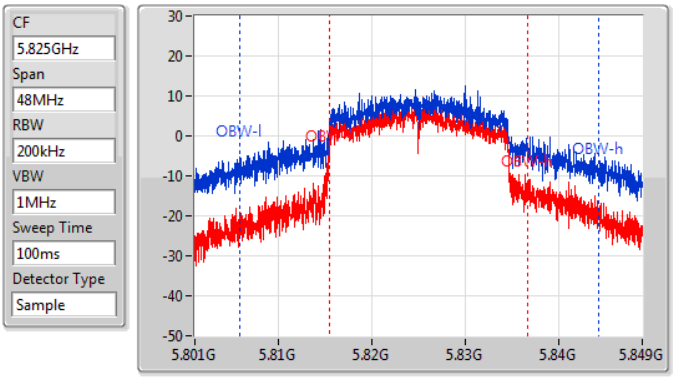
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.77M	5.77582G	5.79259G	26.315M	5.772502G	5.798817G	500k	1
17.88M	5.77633G	5.79421G	20.126M	5.775501G	5.795627G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5825MHz

18/09/2020



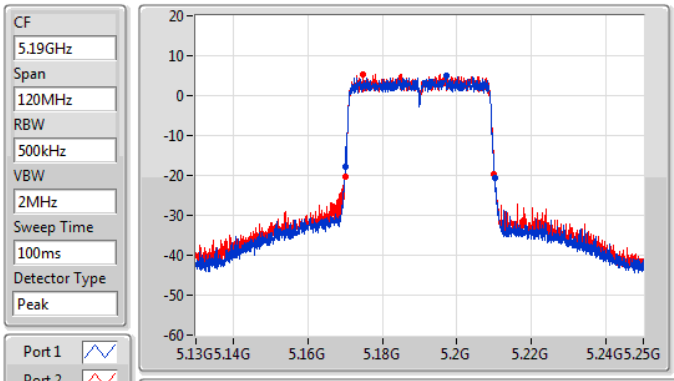


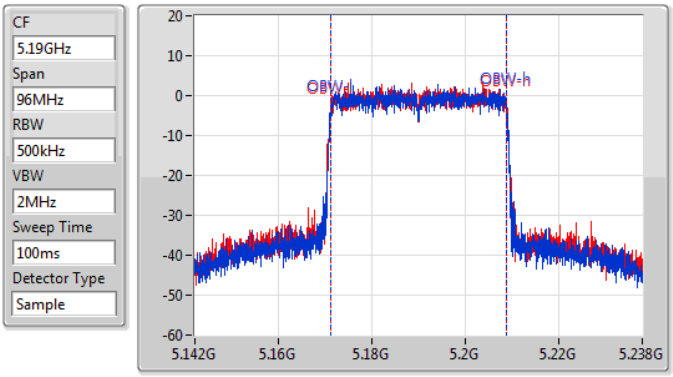
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81624G	5.83259G	38.525M	5.805786G	5.84431G	500k	1
16.5M	5.81738G	5.83388G	21.325M	5.815405G	5.83673G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

18/09/2020



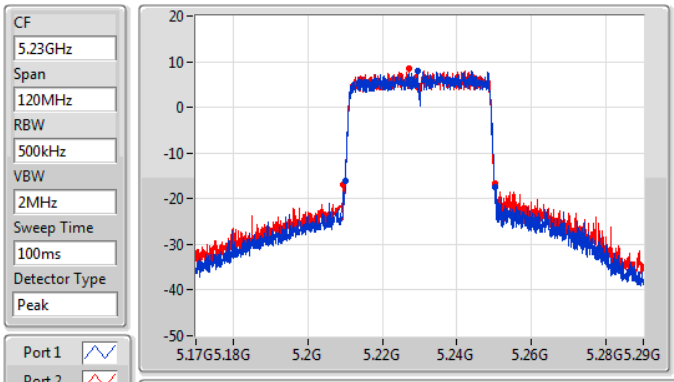


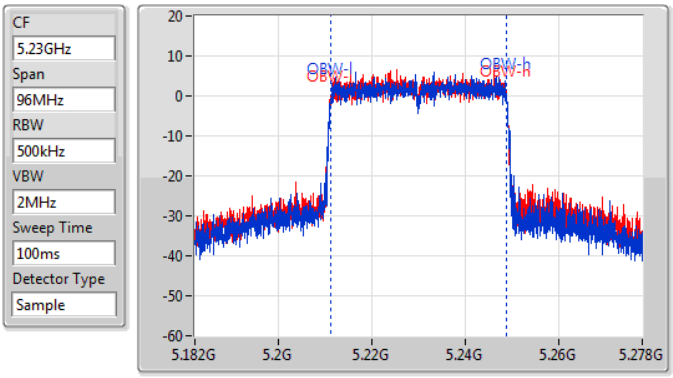
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.16996G	5.21028G	37.613M	5.171193G	5.208807G	Inf	1
40.08M	5.16996G	5.21004G	37.565M	5.171241G	5.208807G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

18/09/2020



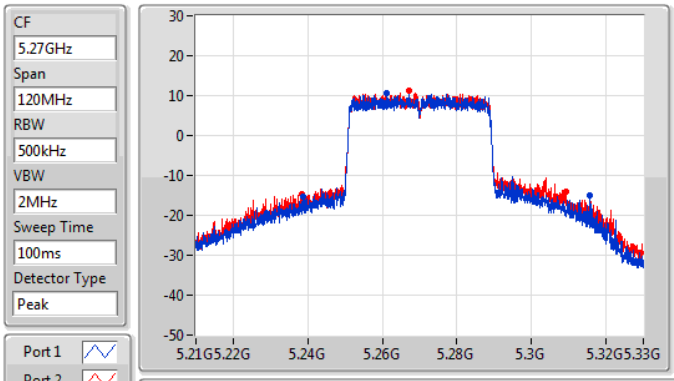


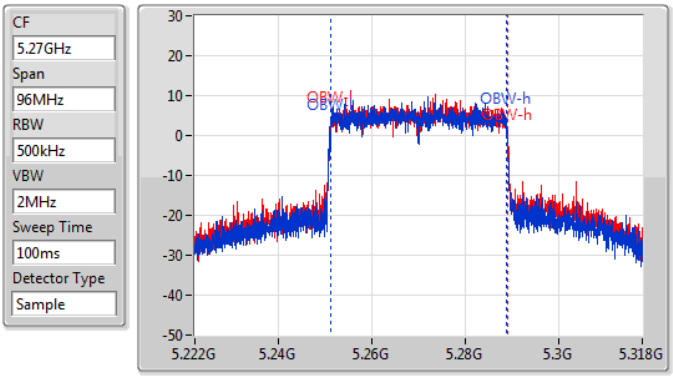
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.21002G	5.25028G	37.661M	5.211193G	5.248855G	Inf	1
40.62M	5.20948G	5.2501G	37.613M	5.211241G	5.248855G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

18/09/2020



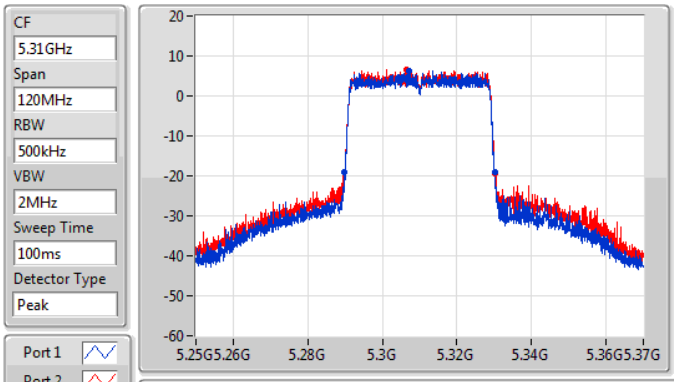


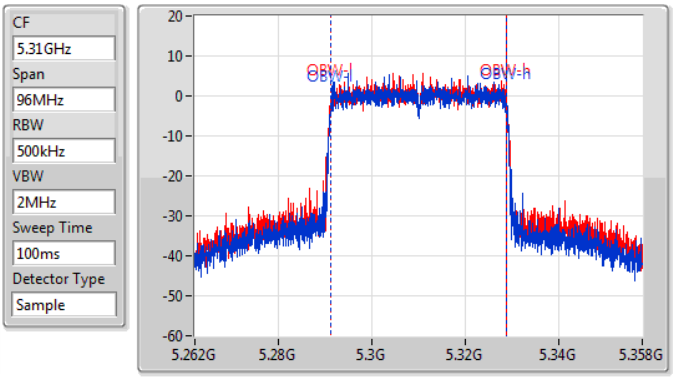
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.86M	5.23874G	5.3156G	37.757M	5.251145G	5.288903G	Inf	1
70.74M	5.23844G	5.30918G	37.853M	5.251145G	5.288999G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

18/09/2020



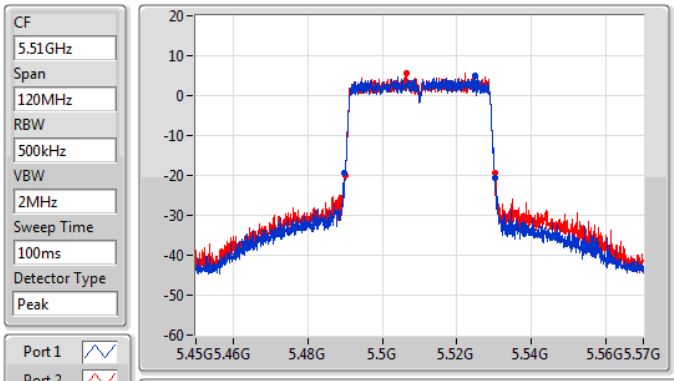


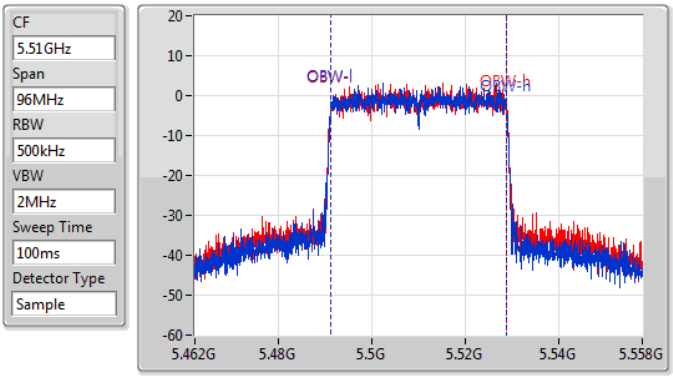
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.28984G	5.3301G	37.565M	5.291241G	5.328807G	Inf	1
40.44M	5.2899G	5.33034G	37.613M	5.291193G	5.328807G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

18/09/2020



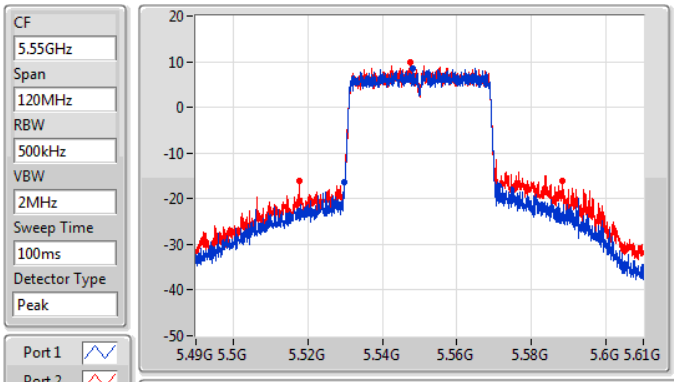


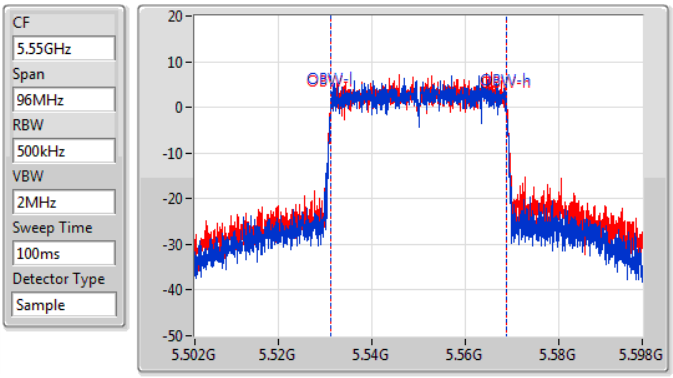
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.4899G	5.53016G	37.565M	5.491241G	5.528807G	Inf	1
40.2M	5.48996G	5.53016G	37.613M	5.491241G	5.528855G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

18/09/2020



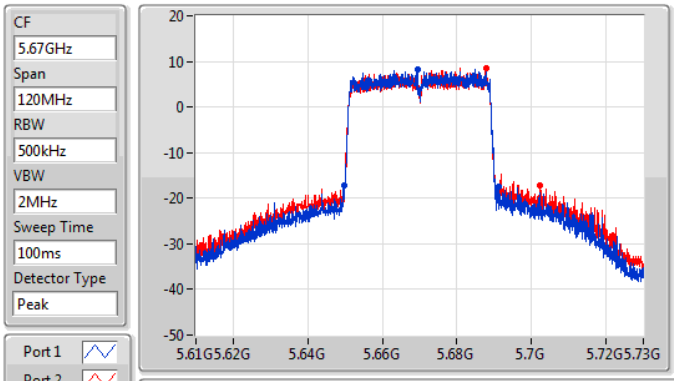


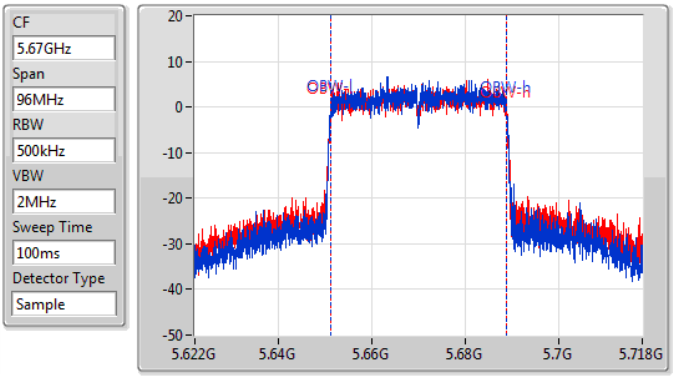
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.5299G	5.57118G	37.613M	5.531241G	5.568855G	Inf	1
70.56M	5.51772G	5.58828G	37.805M	5.531145G	5.568951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

18/09/2020



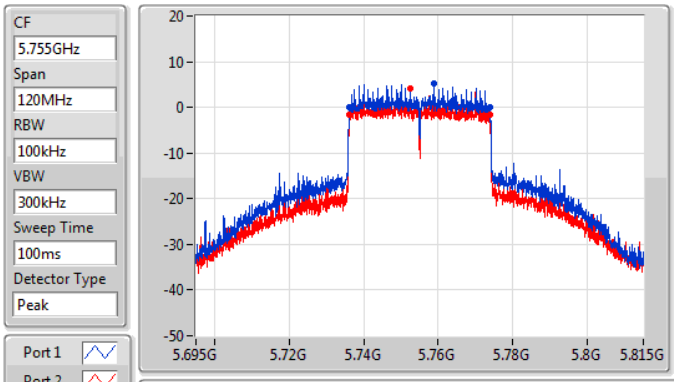


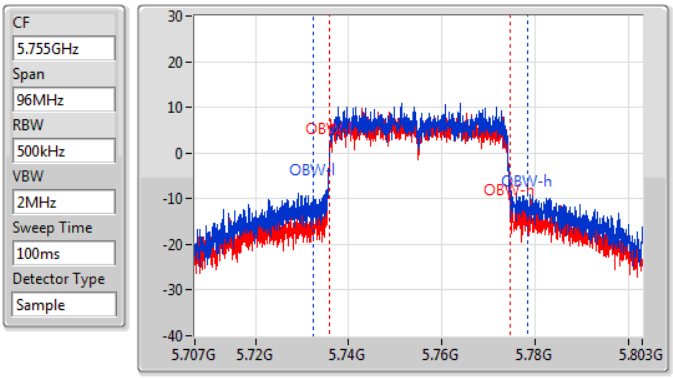
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.6499G	5.69106G	37.613M	5.651241G	5.688855G	Inf	1
52.5M	5.6499G	5.7024G	37.709M	5.651193G	5.688903G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5755MHz

18/09/2020



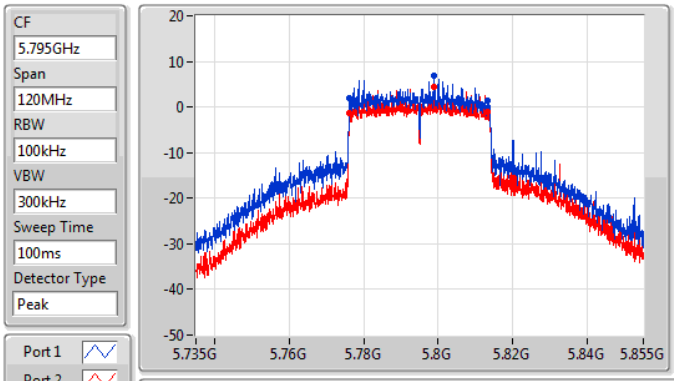


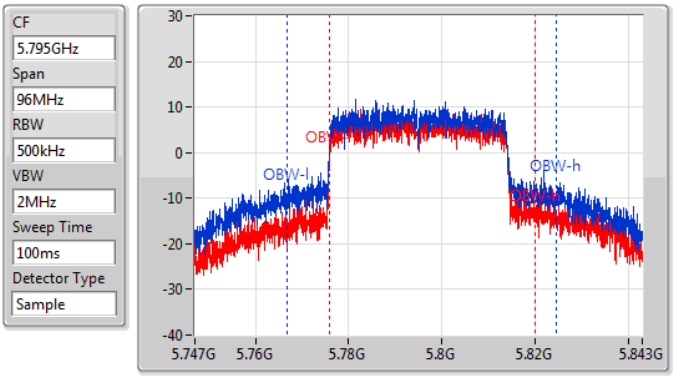
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.73622G	5.77378G	45.817M	5.732499G	5.778316G	500k	1
37.68M	5.73622G	5.7739G	38.813M	5.735858G	5.77467G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5795MHz

18/09/2020





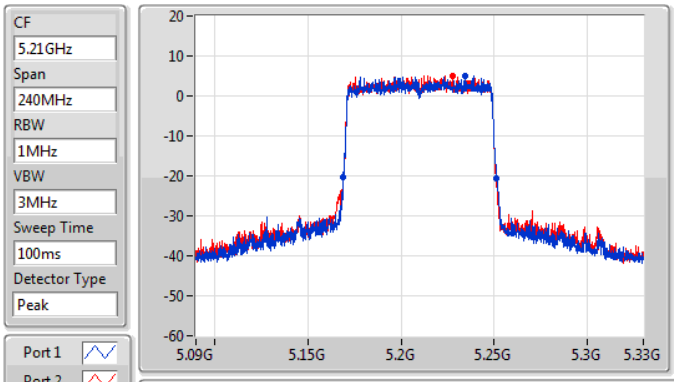
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.02M	5.77622G	5.81324G	57.619M	5.766886G	5.824505G	500k	1
36.9M	5.77628G	5.81318G	44.09M	5.77581G	5.8199G	500k	2

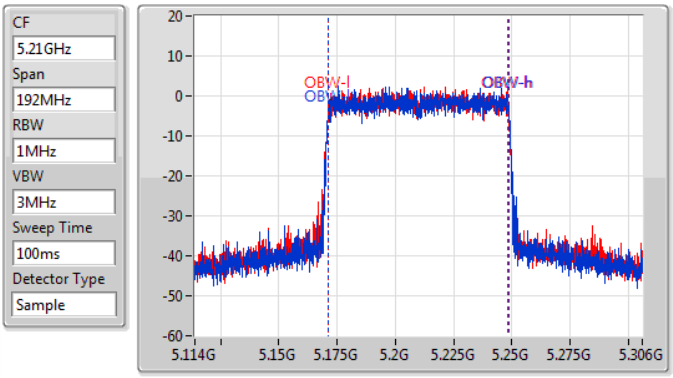
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

18/09/2020





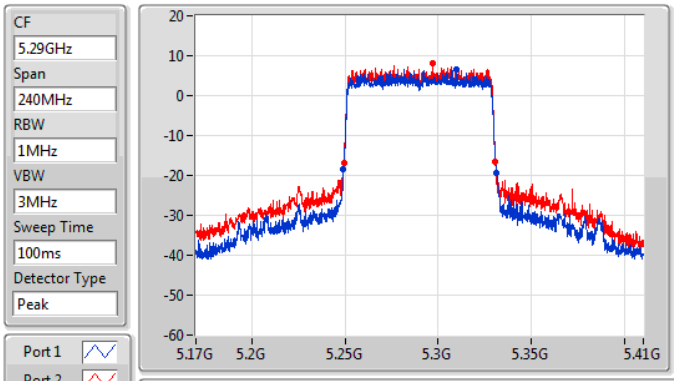
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.16884G	5.25128G	77.241M	5.171427G	5.248669G	Inf	1
81.84M	5.16908G	5.25092G	77.049M	5.171427G	5.248477G	Inf	2

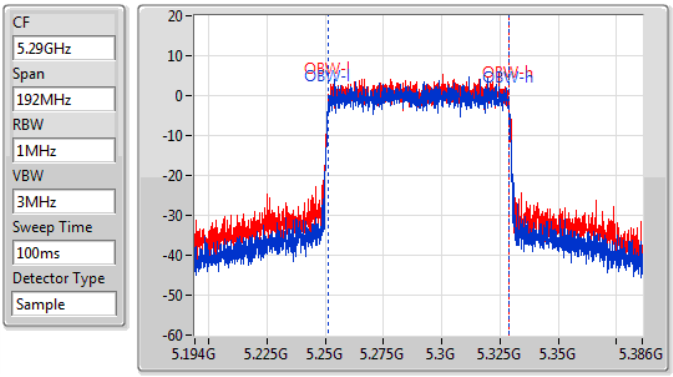
802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5290MHz

18/09/2020



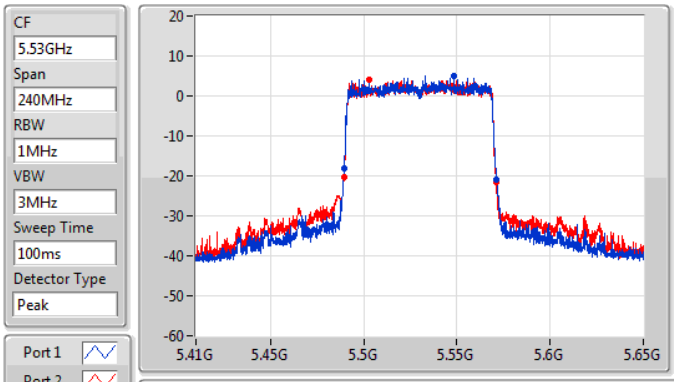


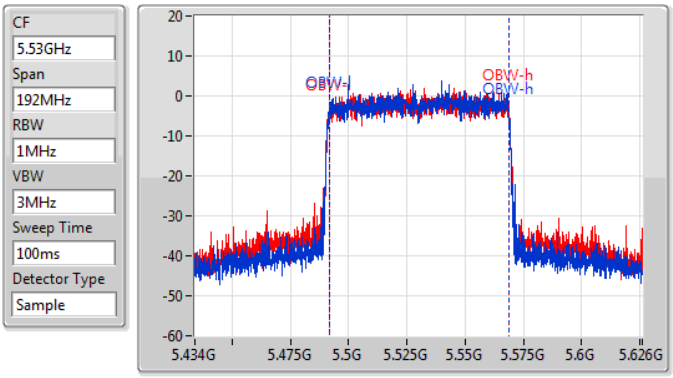
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24908G	5.3314G	77.241M	5.251331G	5.328573G	Inf	1
81.36M	5.24932G	5.33068G	77.145M	5.251427G	5.328573G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

18/09/2020



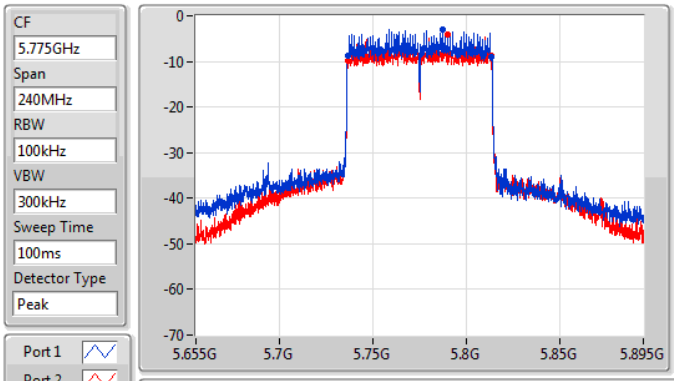


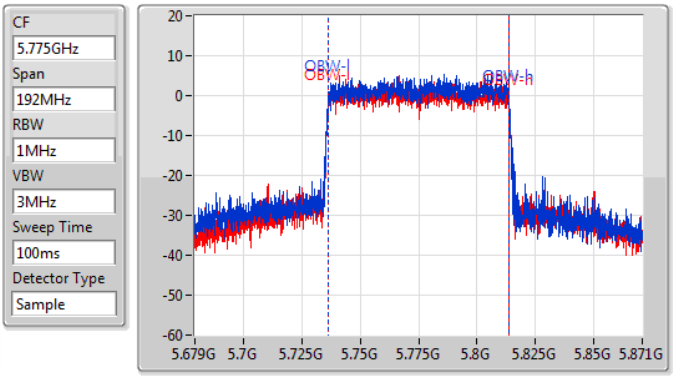
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.48932G	5.57128G	77.049M	5.491523G	5.568573G	Inf	1
81.6M	5.48932G	5.57092G	77.049M	5.491523G	5.568573G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5775MHz

18/09/2020





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.8M	5.73672G	5.81352G	77.145M	5.736427G	5.813573G	500k	1
77.4M	5.73624G	5.81364G	77.433M	5.736235G	5.813669G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.31	0.08531	20.72	0.11803
802.11ac VHT20_Nss1,(MCS0)_2TX	21.58	0.14388	22.99	0.19907
802.11ac VHT40_Nss1,(MCS0)_2TX	17.60	0.05754	19.01	0.07962
802.11ac VHT80_Nss1,(MCS0)_2TX	13.97	0.02495	15.38	0.03451
802.11ax HEW20_Nss1,(MCS0)_2TX	21.79	0.15101	23.20	0.20893
802.11ax HEW40_Nss1,(MCS0)_2TX	17.64	0.05808	19.05	0.08035
802.11ax HEW80_Nss1,(MCS0)_2TX	14.14	0.02594	15.55	0.03589
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.31	0.08531	20.72	0.11803
802.11ac VHT20_Nss1,(MCS0)_2TX	21.65	0.14622	23.06	0.20230
802.11ac VHT40_Nss1,(MCS0)_2TX	20.16	0.10375	21.57	0.14355
802.11ac VHT80_Nss1,(MCS0)_2TX	16.03	0.04009	17.44	0.05546
802.11ax HEW20_Nss1,(MCS0)_2TX	21.93	0.15596	23.34	0.21577
802.11ax HEW40_Nss1,(MCS0)_2TX	20.40	0.10965	21.81	0.15171
802.11ax HEW80_Nss1,(MCS0)_2TX	16.09	0.04064	17.50	0.05623
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.36	0.08630	20.77	0.11940
802.11ac VHT20_Nss1,(MCS0)_2TX	20.74	0.11858	22.15	0.16406
802.11ac VHT40_Nss1,(MCS0)_2TX	18.39	0.06902	19.80	0.09550
802.11ac VHT80_Nss1,(MCS0)_2TX	13.70	0.02344	15.11	0.03243
802.11ax HEW20_Nss1,(MCS0)_2TX	21.14	0.13002	22.55	0.17989
802.11ax HEW40_Nss1,(MCS0)_2TX	18.45	0.06998	19.86	0.09683
802.11ax HEW80_Nss1,(MCS0)_2TX	13.77	0.02382	15.18	0.03296
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.87	0.15382	23.28	0.21281
802.11ac VHT20_Nss1,(MCS0)_2TX	22.91	0.19543	24.32	0.27040
802.11ac VHT40_Nss1,(MCS0)_2TX	22.14	0.16368	23.55	0.22646
802.11ac VHT80_Nss1,(MCS0)_2TX	16.34	0.04305	17.75	0.05957
802.11ax HEW20_Nss1,(MCS0)_2TX	23.30	0.21380	24.71	0.29580
802.11ax HEW40_Nss1,(MCS0)_2TX	22.16	0.16444	23.57	0.22751
802.11ax HEW80_Nss1,(MCS0)_2TX	16.46	0.04426	17.87	0.06124

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)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.41	16.46		16.46	23.98	17.87	30.00
5200MHz	Pass	1.41	17.25		17.25	23.98	18.66	30.00
5240MHz	Pass	1.41	19.31		19.31	23.98	20.72	30.00
5260MHz	Pass	1.41	19.31		19.31	23.98	20.72	30.00
5300MHz	Pass	1.41	17.50		17.50	23.98	18.91	30.00
5320MHz	Pass	1.41	15.95		15.95	23.98	17.36	30.00
5500MHz	Pass	1.41	13.33		13.33	23.98	14.74	30.00
5580MHz	Pass	1.41	19.36		19.36	23.98	20.77	30.00
5700MHz	Pass	1.41	15.87		15.87	23.98	17.28	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.41	17.26		17.26	23.98	18.67	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.41	9.49		9.49	30.00	10.90	36.00
5745MHz	Pass	1.41	21.87		21.87	30.00	23.28	36.00
5785MHz	Pass	1.41	21.61		21.61	30.00	23.02	36.00
5825MHz	Pass	1.41	18.52		18.52	30.00	19.93	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.41	13.30	13.62	16.47	23.98	17.88	30.00
5200MHz	Pass	1.41	16.43	16.67	19.56	23.98	20.97	30.00
5240MHz	Pass	1.41	18.46	18.68	21.58	23.98	22.99	30.00
5260MHz	Pass	1.41	18.39	18.87	21.65	23.98	23.06	30.00
5300MHz	Pass	1.41	15.84	16.04	18.95	23.98	20.36	30.00
5320MHz	Pass	1.41	14.22	14.85	17.56	23.98	18.97	30.00
5500MHz	Pass	1.41	10.58	10.78	13.69	23.98	15.10	30.00
5580MHz	Pass	1.41	17.82	17.64	20.74	23.98	22.15	30.00
5700MHz	Pass	1.41	11.89	11.69	14.80	23.98	16.21	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.41	17.50	17.86	20.69	23.98	22.10	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.41	11.29	10.00	13.70	30.00	15.11	36.00
5745MHz	Pass	1.41	21.00	18.41	22.91	30.00	24.32	36.00
5785MHz	Pass	1.41	20.57	17.70	22.38	30.00	23.79	36.00
5825MHz	Pass	1.41	20.86	17.63	22.55	30.00	23.96	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.41	11.74	12.19	14.98	23.98	16.39	30.00
5230MHz	Pass	1.41	14.36	14.81	17.60	23.98	19.01	30.00
5270MHz	Pass	1.41	16.81	17.46	20.16	23.98	21.57	30.00
5310MHz	Pass	1.41	12.81	13.19	16.01	23.98	17.42	30.00
5510MHz	Pass	1.41	11.43	11.71	14.58	23.98	15.99	30.00
5550MHz	Pass	1.41	15.24	15.51	18.39	23.98	19.80	30.00
5670MHz	Pass	1.41	14.64	14.57	17.62	23.98	19.03	30.00
5755MHz	Pass	1.41	19.07	17.61	21.41	30.00	22.82	36.00
5795MHz	Pass	1.41	19.94	18.13	22.14	30.00	23.55	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.41	10.80	11.12	13.97	23.98	15.38	30.00
5290MHz	Pass	1.41	12.38	13.57	16.03	23.98	17.44	30.00
5530MHz	Pass	1.41	10.61	10.77	13.70	23.98	15.11	30.00
5775MHz	Pass	1.41	13.79	12.81	16.34	30.00	17.75	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.41	13.37	13.77	16.58	23.98	17.99	30.00
5200MHz	Pass	1.41	16.56	17.04	19.82	23.98	21.23	30.00
5240MHz	Pass	1.41	18.61	18.95	21.79	23.98	23.20	30.00
5260MHz	Pass	1.41	18.70	19.12	21.93	23.98	23.34	30.00
5300MHz	Pass	1.41	16.04	16.28	19.17	23.98	20.58	30.00
5320MHz	Pass	1.41	14.43	14.77	17.61	23.98	19.02	30.00
5500MHz	Pass	1.41	10.83	10.80	13.83	23.98	15.24	30.00
5580MHz	Pass	1.41	17.84	17.74	20.80	23.98	22.21	30.00
5700MHz	Pass	1.41	12.13	11.64	14.90	23.98	16.31	30.00

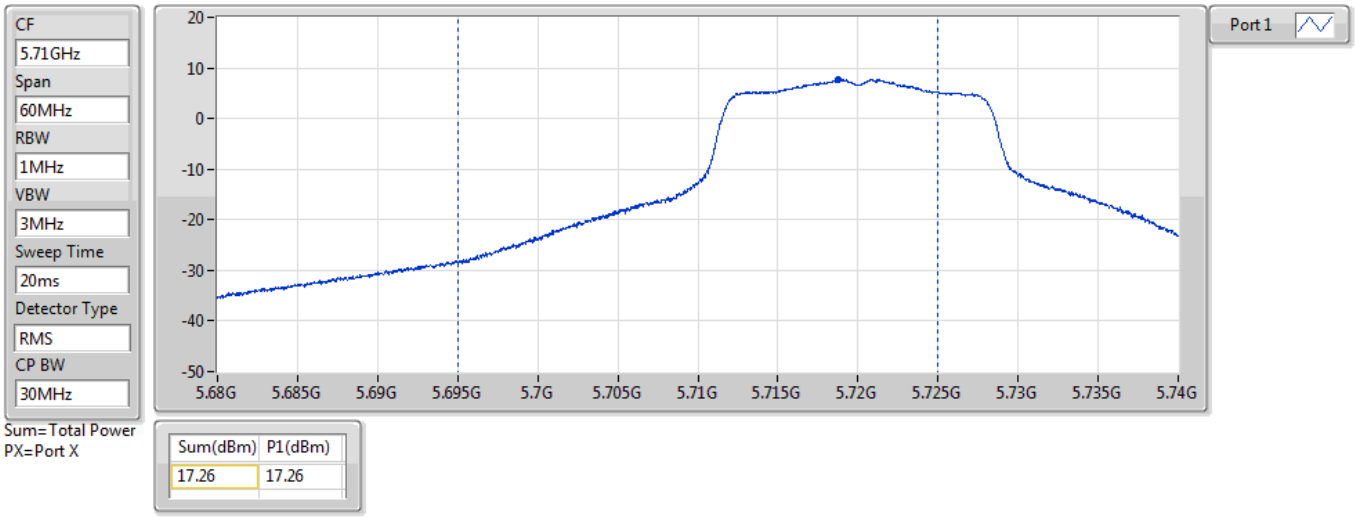
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5720MHz Straddle 5.47-5.725GHz	Pass	1.41	18.32	17.94	21.14	23.98	22.55	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.41	10.65	11.23	13.96	30.00	15.37	36.00
5745MHz	Pass	1.41	19.93	20.62	23.30	30.00	24.71	36.00
5785MHz	Pass	1.41	20.77	18.37	22.74	30.00	24.15	36.00
5825MHz	Pass	1.41	20.74	18.40	22.74	30.00	24.15	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.41	11.95	12.14	15.06	23.98	16.47	30.00
5230MHz	Pass	1.41	14.55	14.70	17.64	23.98	19.05	30.00
5270MHz	Pass	1.41	17.20	17.58	20.40	23.98	21.81	30.00
5310MHz	Pass	1.41	12.97	13.41	16.21	23.98	17.62	30.00
5510MHz	Pass	1.41	11.55	11.82	14.70	23.98	16.11	30.00
5550MHz	Pass	1.41	15.30	15.57	18.45	23.98	19.86	30.00
5670MHz	Pass	1.41	14.80	14.44	17.63	23.98	19.04	30.00
5755MHz	Pass	1.41	19.15	17.74	21.51	30.00	22.92	36.00
5795MHz	Pass	1.41	19.99	18.11	22.16	30.00	23.57	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.41	11.00	11.25	14.14	23.98	15.55	30.00
5290MHz	Pass	1.41	12.58	13.52	16.09	23.98	17.50	30.00
5530MHz	Pass	1.41	10.79	10.72	13.77	23.98	15.18	30.00
5775MHz	Pass	1.41	14.14	12.64	16.46	30.00	17.87	36.00

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

802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

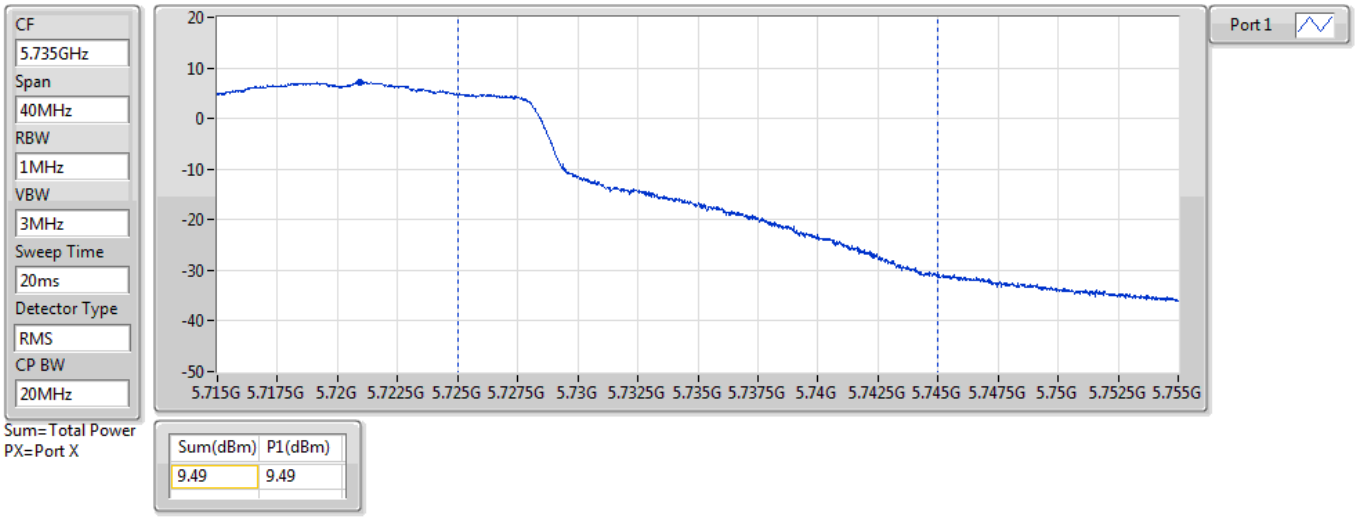
15/09/2020



802.11a_Nss1,(6Mbps)_1TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

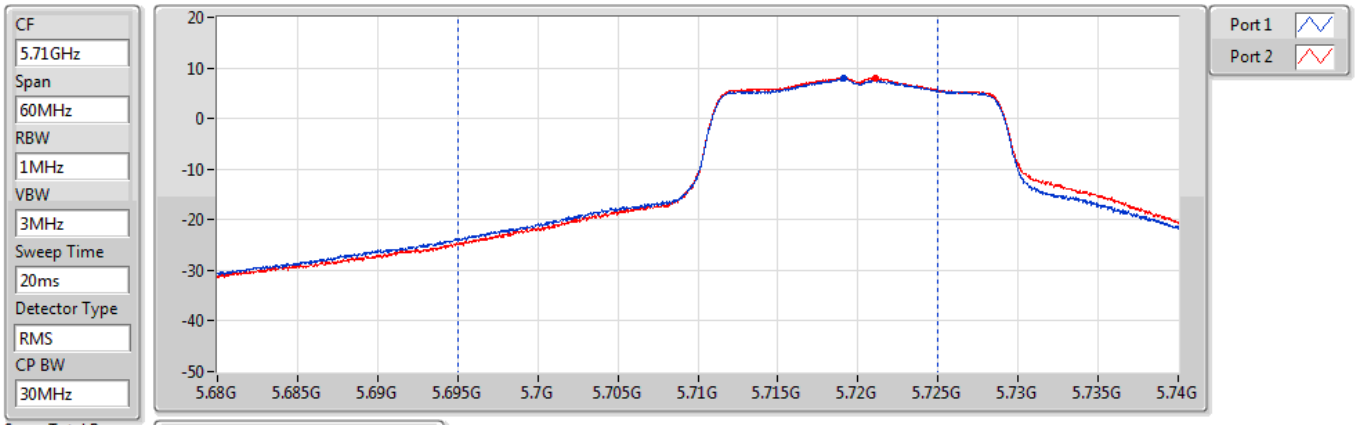
15/09/2020



802.11ac VHT20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

18/09/2020



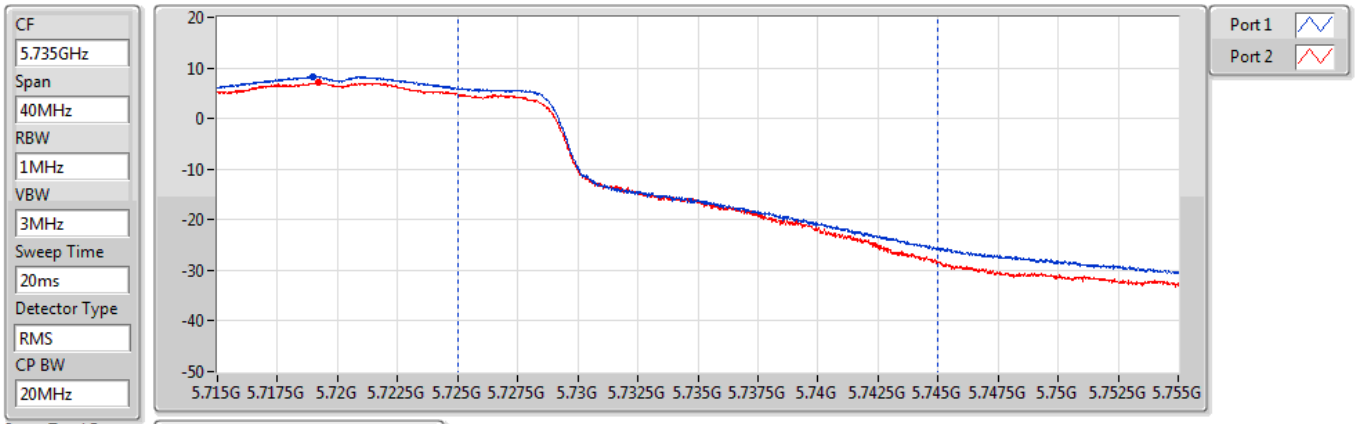
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.69	17.50	17.86

802.11ac VHT20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

18/09/2020



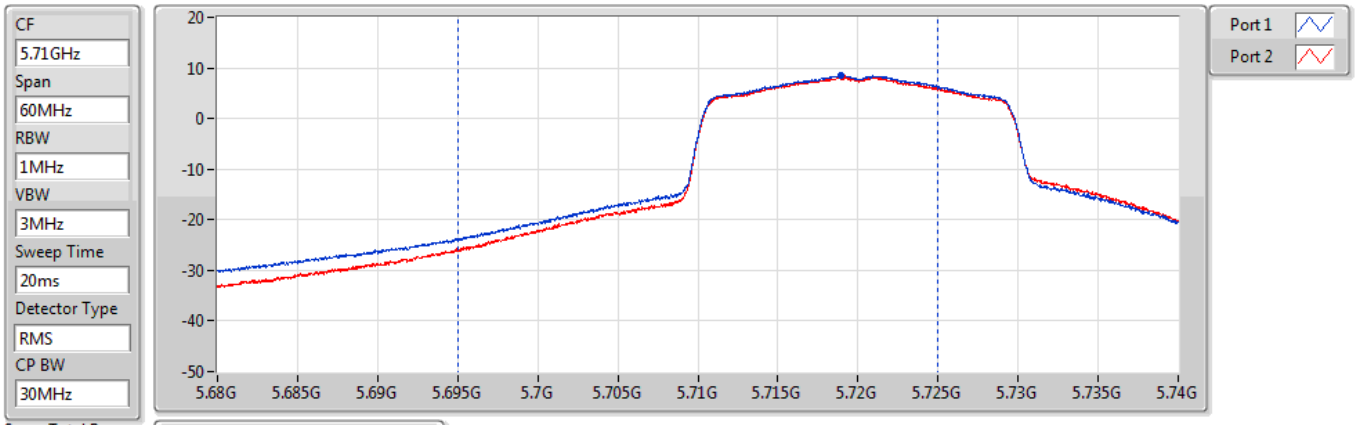
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.70	11.29	10.00

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

18/09/2020



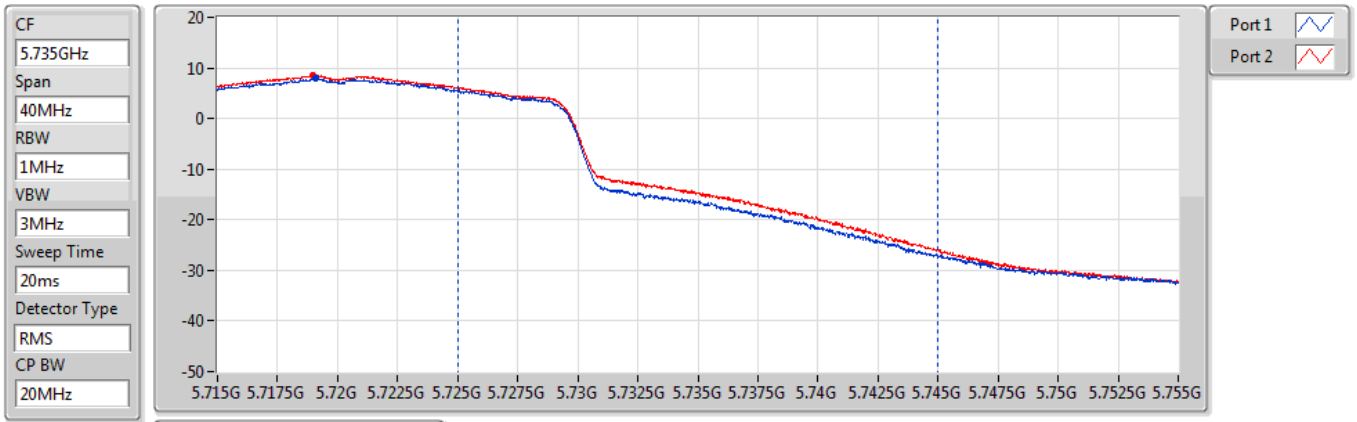
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.14	18.32	17.94

802.11ax HEW20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

18/09/2020



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.96	10.65	11.23

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.61	7.02
802.11ac VHT20_Nss1,(MCS0)_2TX	10.37	14.51
802.11ac VHT40_Nss1,(MCS0)_2TX	1.84	5.98
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.77	-0.63
802.11ax HEW20_Nss1,(MCS0)_2TX	9.69	13.83
802.11ax HEW40_Nss1,(MCS0)_2TX	1.66	5.80
802.11ax HEW80_Nss1,(MCS0)_2TX	-4.84	-0.70
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.72	6.13
802.11ac VHT20_Nss1,(MCS0)_2TX	9.61	13.75
802.11ac VHT40_Nss1,(MCS0)_2TX	4.33	8.47
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.79	1.35
802.11ax HEW20_Nss1,(MCS0)_2TX	9.61	13.75
802.11ax HEW40_Nss1,(MCS0)_2TX	4.41	8.55
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.84	1.30
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.66	8.07
802.11ac VHT20_Nss1,(MCS0)_2TX	9.68	13.82
802.11ac VHT40_Nss1,(MCS0)_2TX	2.68	6.82
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.15	-1.01
802.11ax HEW20_Nss1,(MCS0)_2TX	9.90	14.04
802.11ax HEW40_Nss1,(MCS0)_2TX	2.48	6.62
802.11ax HEW80_Nss1,(MCS0)_2TX	-5.21	-1.07
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.99	7.40
802.11ac VHT20_Nss1,(MCS0)_2TX	8.84	12.98
802.11ac VHT40_Nss1,(MCS0)_2TX	5.02	9.16
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.93	0.21
802.11ax HEW20_Nss1,(MCS0)_2TX	9.26	13.40
802.11ax HEW40_Nss1,(MCS0)_2TX	4.56	8.70
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.68	0.46

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.41	3.79		3.79	11.00	5.20	23.00
5200MHz	Pass	1.41	3.71		3.71	11.00	5.12	23.00
5240MHz	Pass	1.41	5.61		5.61	11.00	7.02	23.00
5260MHz	Pass	1.41	4.67		4.67	11.00	6.08	17.00
5300MHz	Pass	1.41	4.72		4.72	11.00	6.13	17.00
5320MHz	Pass	1.41	3.79		3.79	11.00	5.20	17.00
5500MHz	Pass	1.41	1.27		1.27	11.00	2.68	17.00
5580MHz	Pass	1.41	6.66		6.66	11.00	8.07	17.00
5700MHz	Pass	1.41	3.78		3.78	11.00	5.19	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	1.41	6.27		6.27	11.00	7.68	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	1.41	1.64		1.64	30.00	3.05	36.00
5745MHz	Pass	1.41	5.66		5.66	30.00	7.07	36.00
5785MHz	Pass	1.41	5.99		5.99	30.00	7.40	36.00
5825MHz	Pass	1.41	4.12		4.12	30.00	5.53	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.14	1.78	2.06	4.87	11.00	9.01	23.00
5200MHz	Pass	4.14	5.05	5.51	8.25	11.00	12.39	23.00
5240MHz	Pass	4.14	7.28	7.47	10.37	11.00	14.51	23.00
5260MHz	Pass	4.14	6.94	6.35	9.61	11.00	13.75	17.00
5300MHz	Pass	4.14	4.25	4.72	7.45	11.00	11.59	17.00
5320MHz	Pass	4.14	2.60	3.07	5.85	11.00	9.99	17.00
5500MHz	Pass	4.14	-1.02	-0.94	2.03	11.00	6.17	17.00
5580MHz	Pass	4.14	6.32	6.11	9.15	11.00	13.29	17.00
5700MHz	Pass	4.14	0.42	0.20	3.31	11.00	7.45	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.14	6.92	6.44	9.68	11.00	13.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.14	2.88	2.43	5.67	30.00	9.81	36.00
5745MHz	Pass	4.14	6.11	4.42	8.35	30.00	12.49	36.00
5785MHz	Pass	4.14	6.93	4.45	8.84	30.00	12.98	36.00
5825MHz	Pass	4.14	6.97	2.60	8.29	30.00	12.43	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.14	-4.17	-3.62	-0.89	11.00	3.25	23.00
5230MHz	Pass	4.14	-1.40	-0.86	1.84	11.00	5.98	23.00
5270MHz	Pass	4.14	0.94	1.80	4.33	11.00	8.47	17.00
5310MHz	Pass	4.14	-3.17	-2.59	0.08	11.00	4.22	17.00
5510MHz	Pass	4.14	-4.56	-4.08	-1.36	11.00	2.78	17.00
5550MHz	Pass	4.14	-0.58	0.05	2.68	11.00	6.82	17.00
5670MHz	Pass	4.14	-1.16	-1.09	1.86	11.00	6.00	17.00
5755MHz	Pass	4.14	1.71	0.63	4.18	30.00	8.32	36.00
5795MHz	Pass	4.14	2.69	1.29	5.02	30.00	9.16	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.14	-7.83	-7.56	-4.77	11.00	-0.63	23.00
5290MHz	Pass	4.14	-6.40	-5.21	-2.79	11.00	1.35	17.00
5530MHz	Pass	4.14	-8.23	-8.09	-5.15	11.00	-1.01	17.00
5775MHz	Pass	4.14	-6.26	-7.57	-3.93	30.00	0.21	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.14	1.79	2.10	4.94	11.00	9.08	23.00
5200MHz	Pass	4.14	4.96	5.38	8.17	11.00	12.31	23.00
5240MHz	Pass	4.14	6.37	7.16	9.69	11.00	13.83	23.00
5260MHz	Pass	4.14	6.70	6.59	9.61	11.00	13.75	17.00
5300MHz	Pass	4.14	4.34	4.75	7.56	11.00	11.70	17.00
5320MHz	Pass	4.14	2.83	3.19	6.00	11.00	10.14	17.00
5500MHz	Pass	4.14	-0.90	-0.86	2.12	11.00	6.26	17.00
5580MHz	Pass	4.14	6.23	5.89	9.06	11.00	13.20	17.00
5700MHz	Pass	4.14	0.53	0.10	3.28	11.00	7.42	17.00

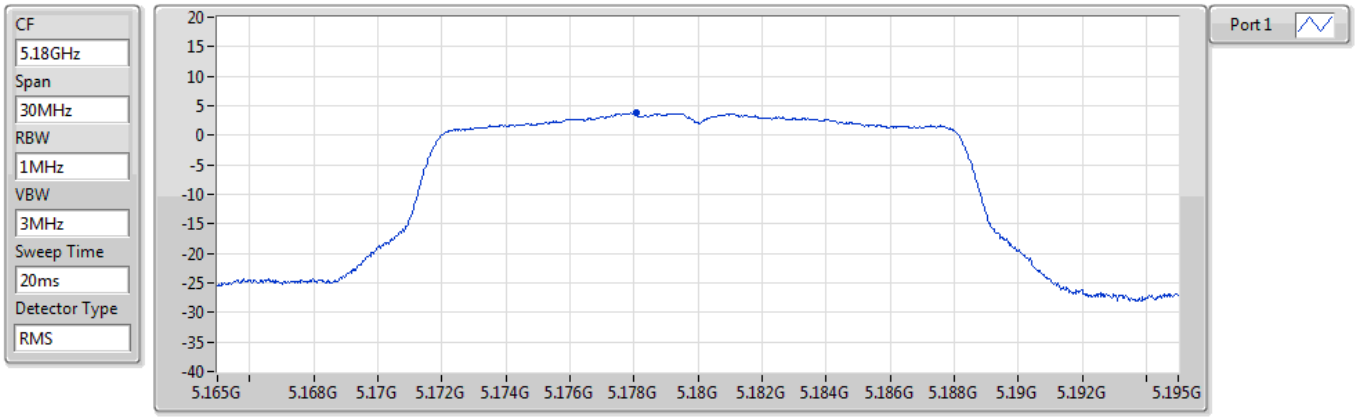
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.47-5.725GHz	Pass	4.14	6.92	6.87	9.90	11.00	14.04	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.14	3.45	2.55	5.98	30.00	10.12	36.00
5745MHz	Pass	4.14	7.87	3.83	9.26	30.00	13.40	36.00
5785MHz	Pass	4.14	6.14	3.22	7.93	30.00	12.07	36.00
5825MHz	Pass	4.14	5.63	4.12	7.81	30.00	11.95	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.14	-4.13	-3.84	-1.03	11.00	3.11	23.00
5230MHz	Pass	4.14	-1.38	-1.19	1.66	11.00	5.80	23.00
5270MHz	Pass	4.14	1.19	1.64	4.41	11.00	8.55	17.00
5310MHz	Pass	4.14	-3.12	-2.63	0.11	11.00	4.25	17.00
5510MHz	Pass	4.14	-4.40	-4.35	-1.38	11.00	2.76	17.00
5550MHz	Pass	4.14	-0.72	-0.28	2.48	11.00	6.62	17.00
5670MHz	Pass	4.14	-1.09	-1.33	1.74	11.00	5.88	17.00
5755MHz	Pass	4.14	1.65	-0.30	3.70	30.00	7.84	36.00
5795MHz	Pass	4.14	2.49	0.52	4.56	30.00	8.70	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.14	-7.81	-7.72	-4.84	11.00	-0.70	23.00
5290MHz	Pass	4.14	-6.30	-5.26	-2.84	11.00	1.30	17.00
5530MHz	Pass	4.14	-8.09	-8.28	-5.21	11.00	-1.07	17.00
5775MHz	Pass	4.14	-6.08	-7.39	-3.68	30.00	0.46	36.00

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

802.11a_Nss1,(6Mbps)_1TX PSD

5180MHz

15/09/2020

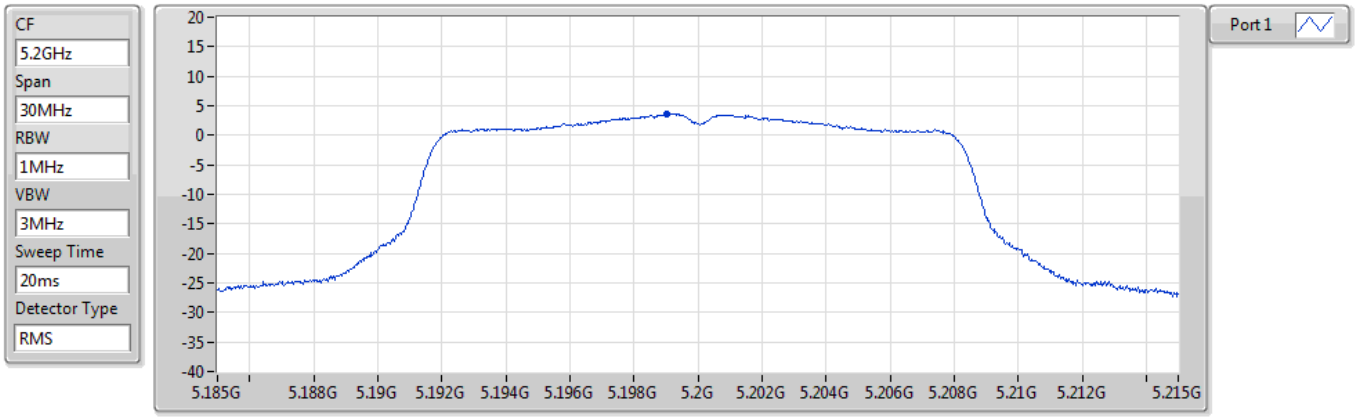


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

15/09/2020

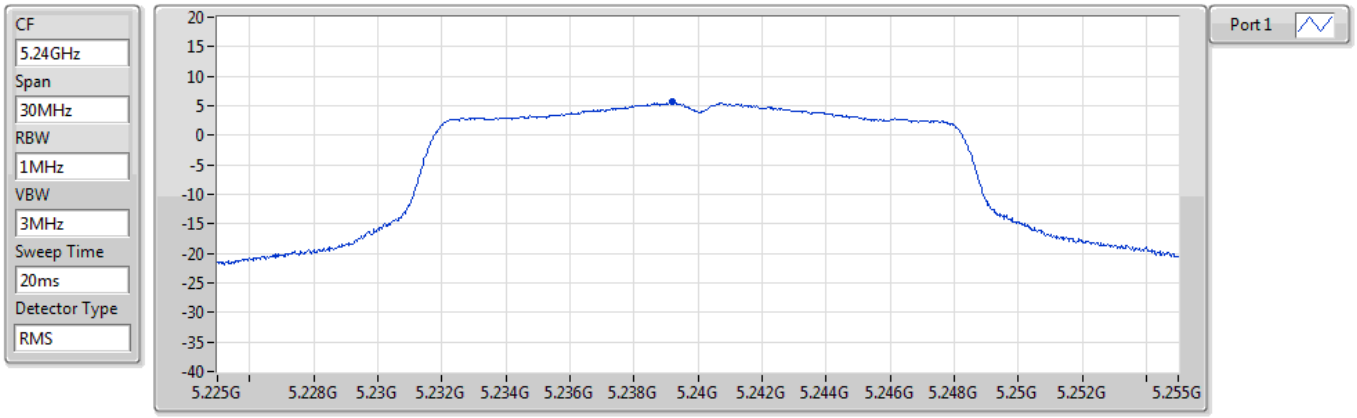


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	3.71

802.11a_Nss1,(6Mbps)_1TX PSD

5240MHz

15/09/2020

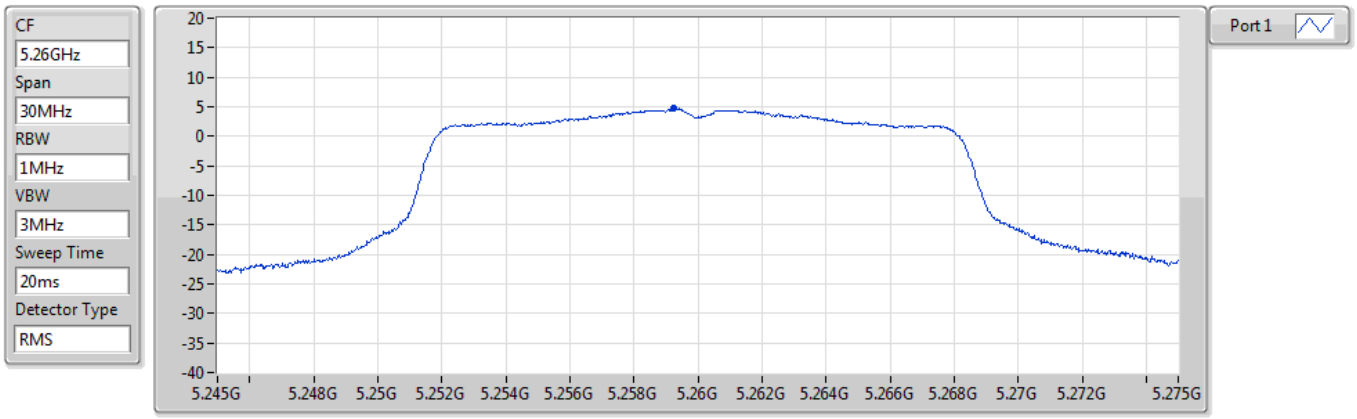


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11a_Nss1,(6Mbps)_1TX PSD

5260MHz

15/09/2020

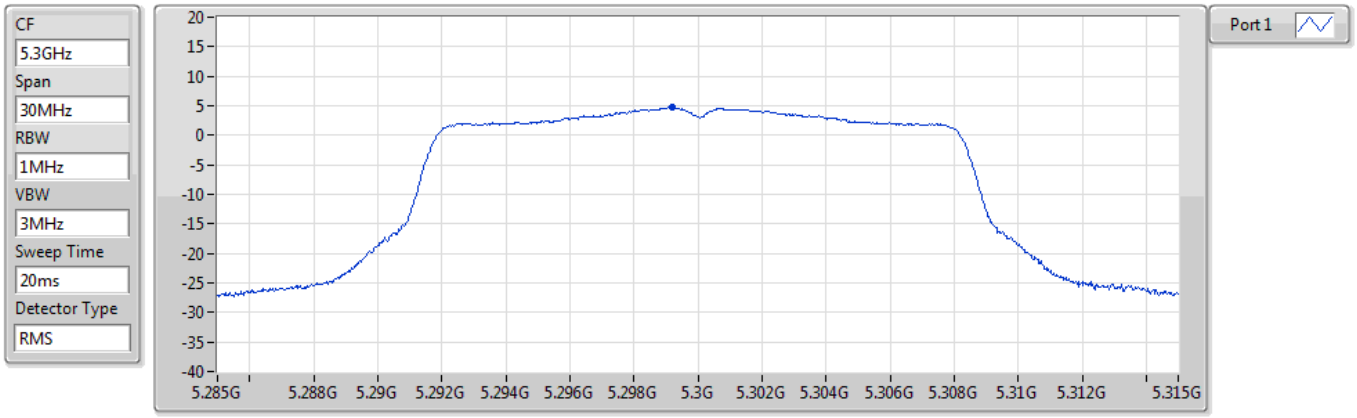


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	4.67

802.11a_Nss1,(6Mbps)_1TX PSD

5300MHz

15/09/2020

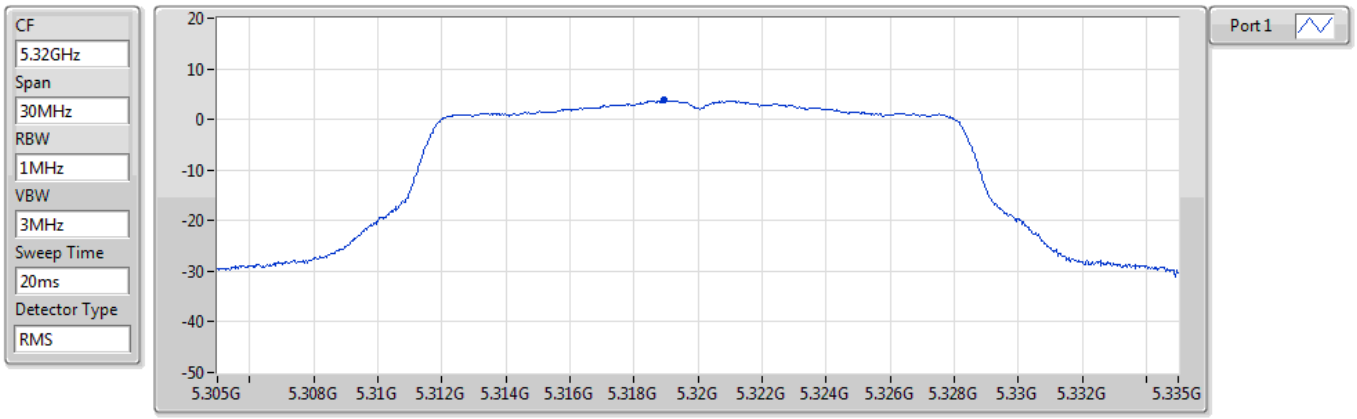


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	4.72

802.11a_Nss1,(6Mbps)_1TX PSD

5320MHz

15/09/2020

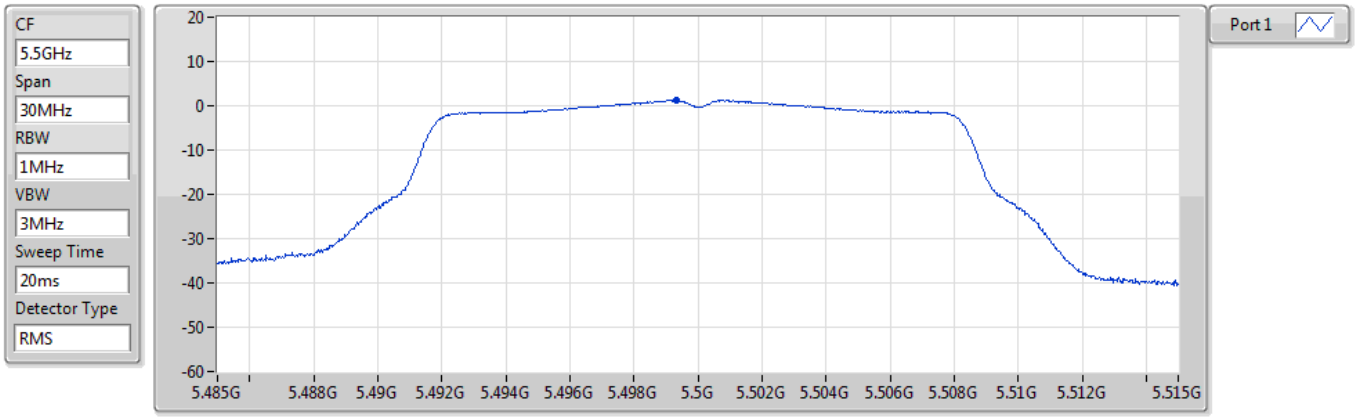


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

802.11a_Nss1,(6Mbps)_1TX PSD

5500MHz

15/09/2020

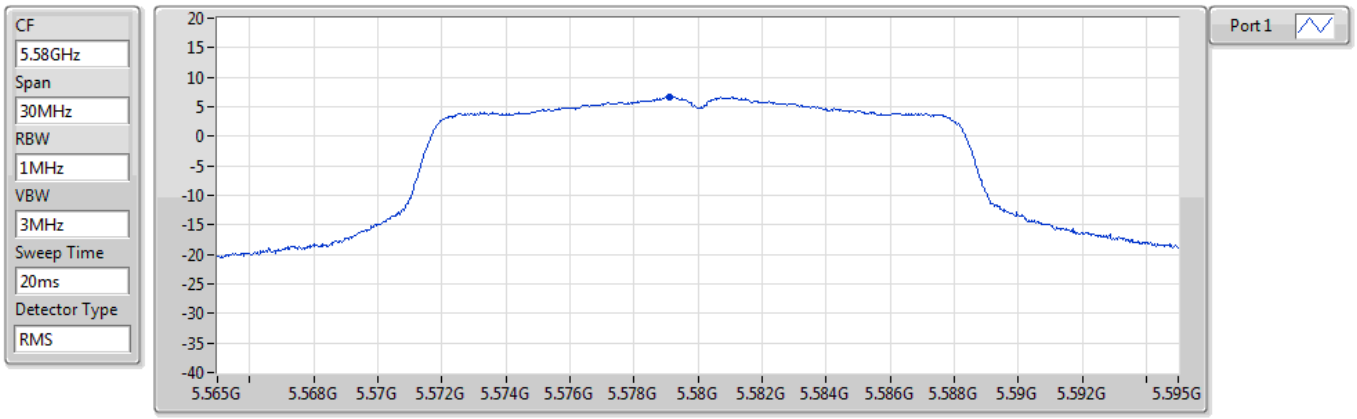


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	1.27

802.11a_Nss1,(6Mbps)_1TX PSD

5580MHz

15/09/2020

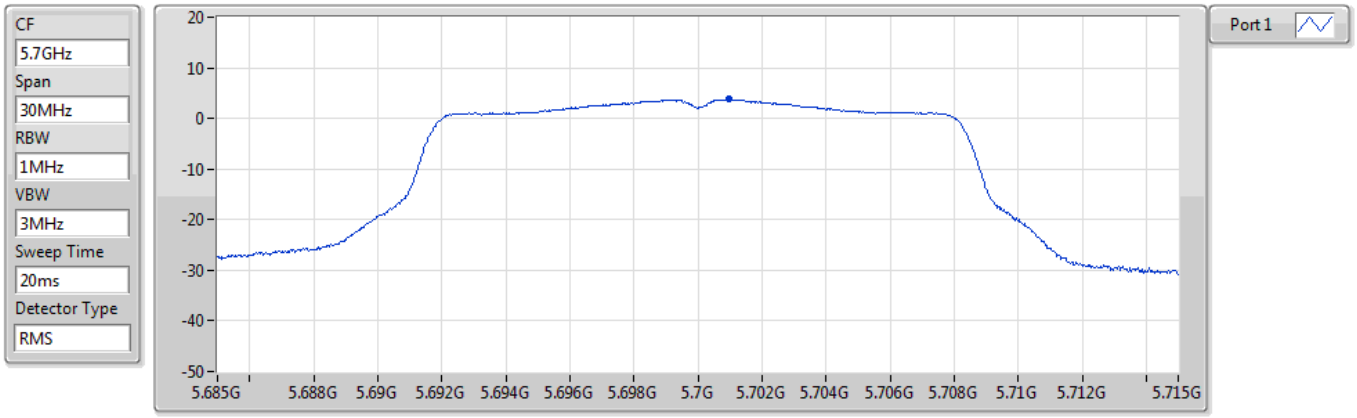


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	6.66

802.11a_Nss1,(6Mbps)_1TX PSD

5700MHz

15/09/2020

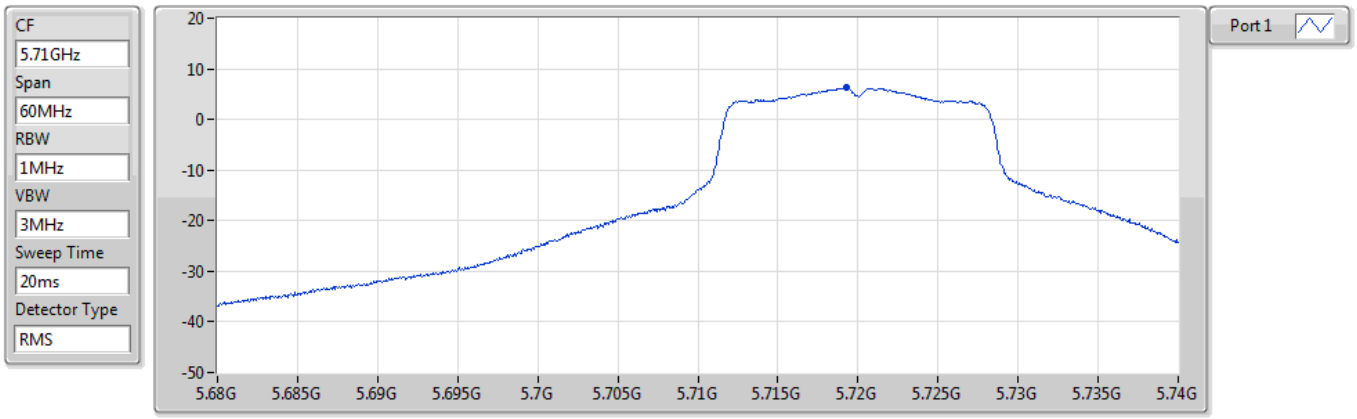


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	3.78

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.47-5.725GHz

15/09/2020

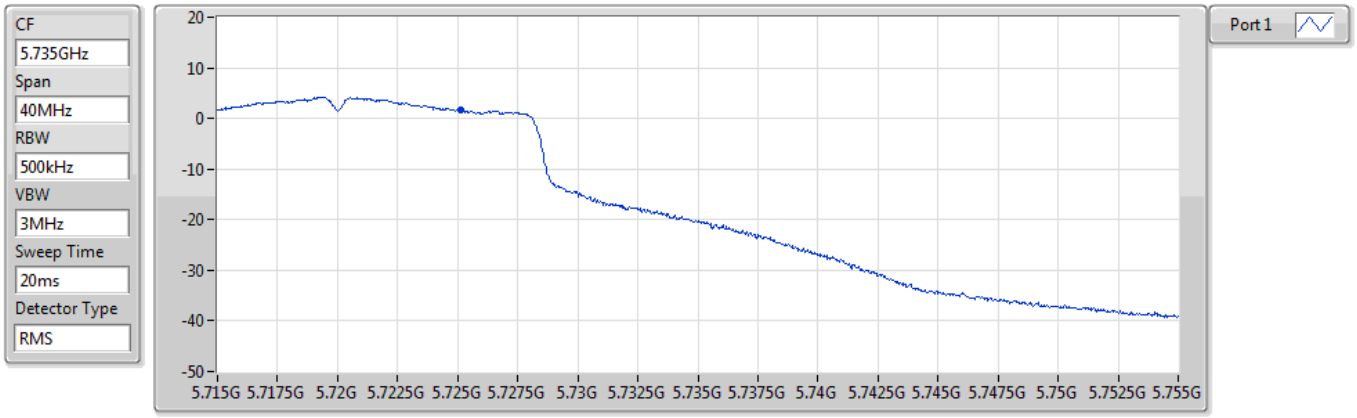


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	6.27

802.11a_Nss1,(6Mbps)_1TX PSD

5720MHz Straddle 5.725-5.85GHz

15/09/2020

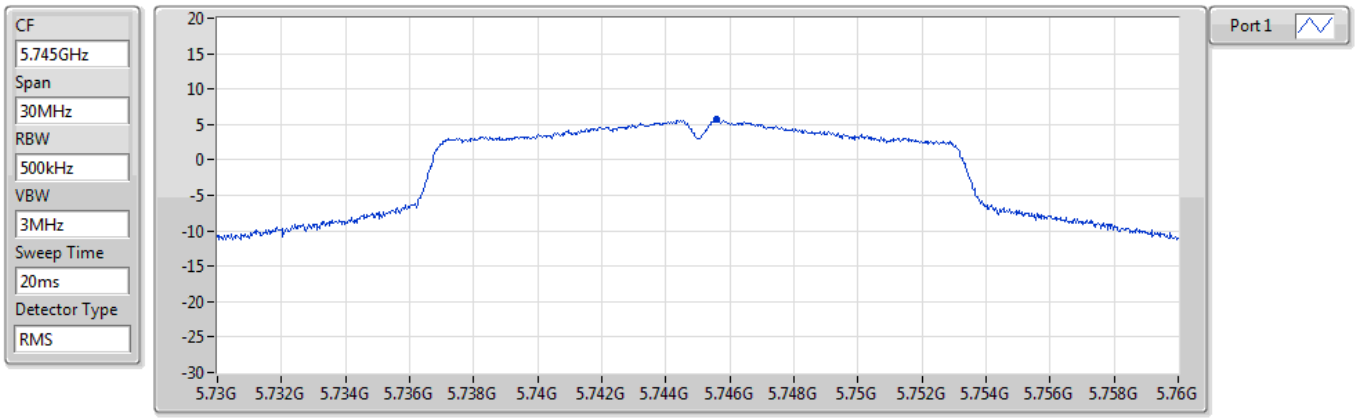


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.64	1.64	1.64

802.11a_Nss1,(6Mbps)_1TX PSD

5745MHz

15/09/2020

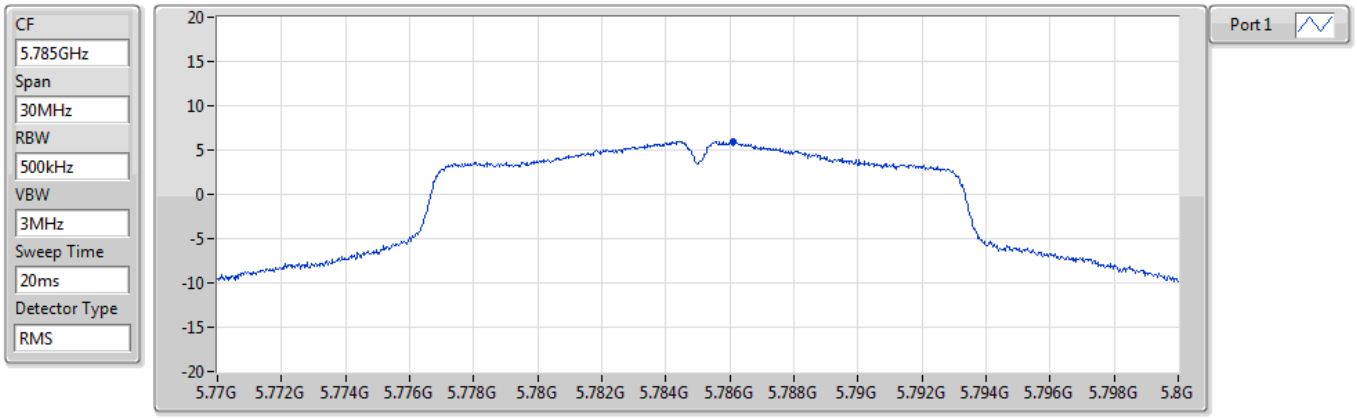


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	5.66

802.11a_Nss1,(6Mbps)_1TX PSD

5785MHz

15/09/2020

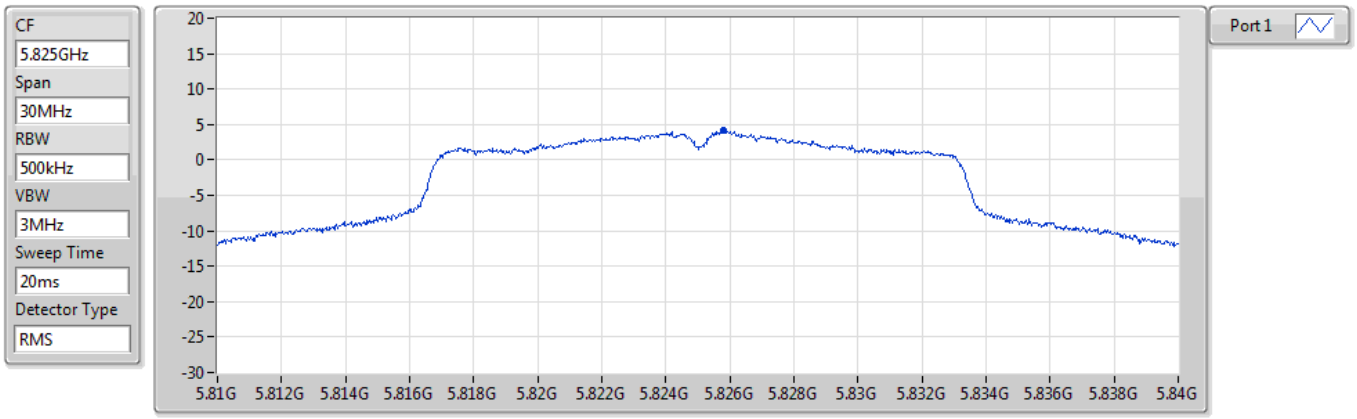


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	5.99

802.11a_Nss1,(6Mbps)_1TX PSD

5825MHz

15/09/2020

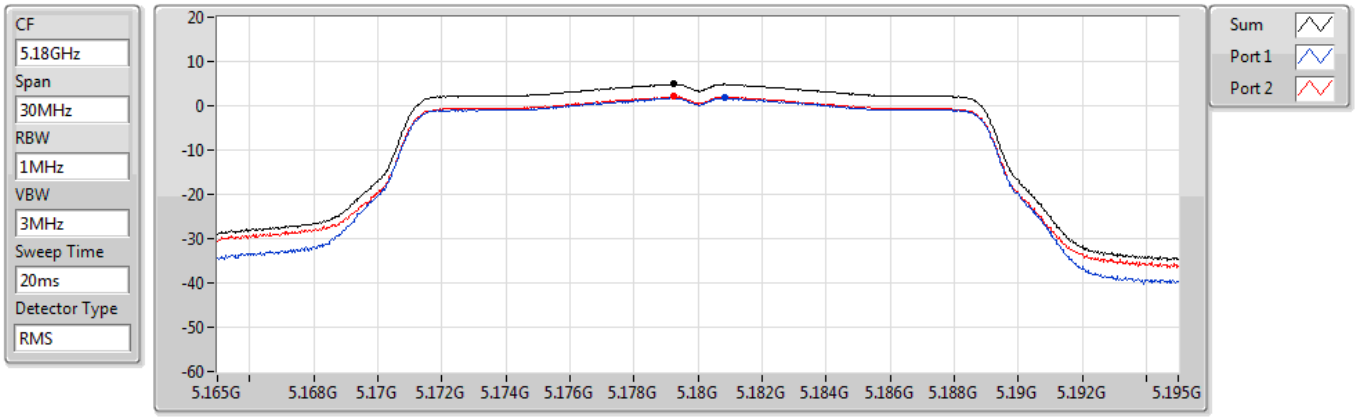


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	4.12

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5180MHz

18/09/2020

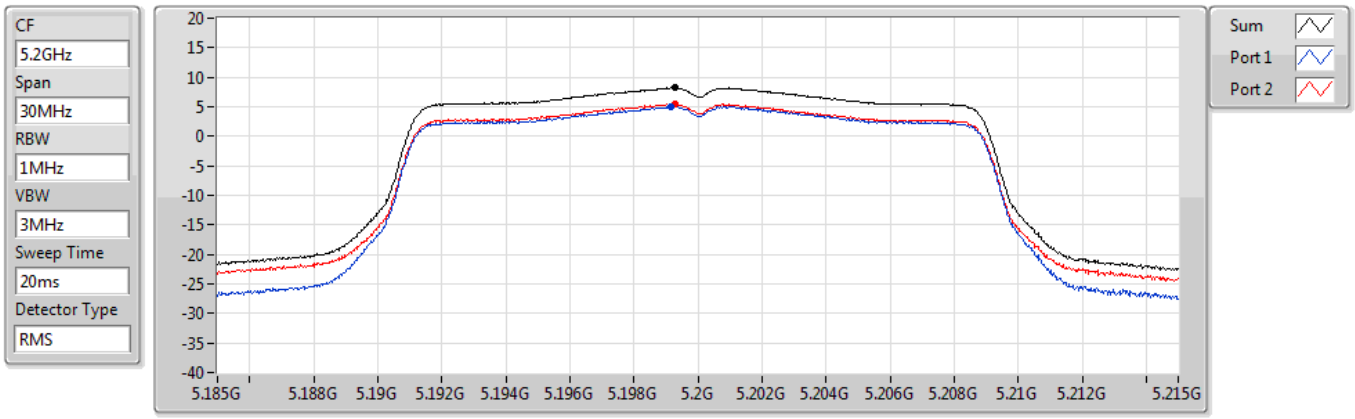


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	1.78	2.06

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5200MHz

18/09/2020

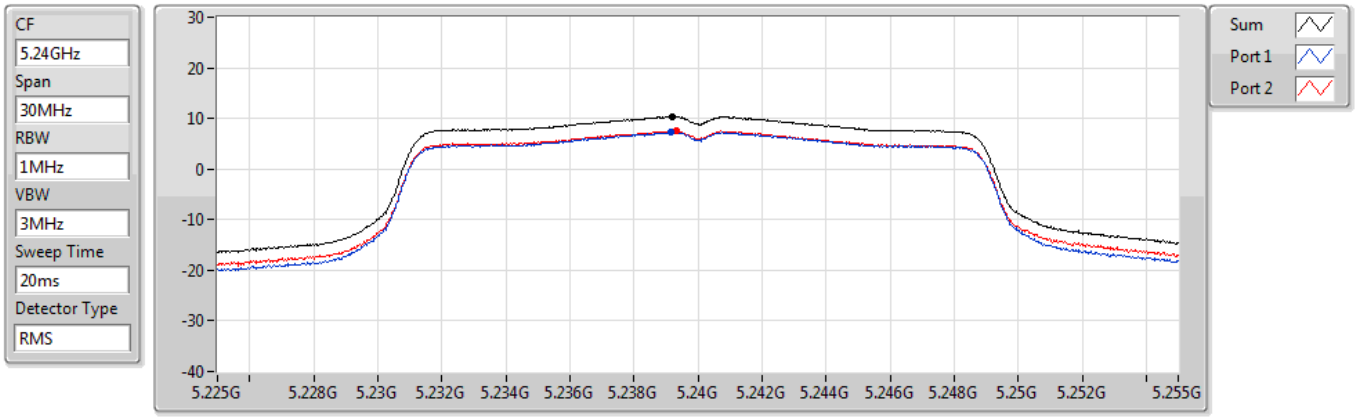


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.05	5.51

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5240MHz

18/09/2020

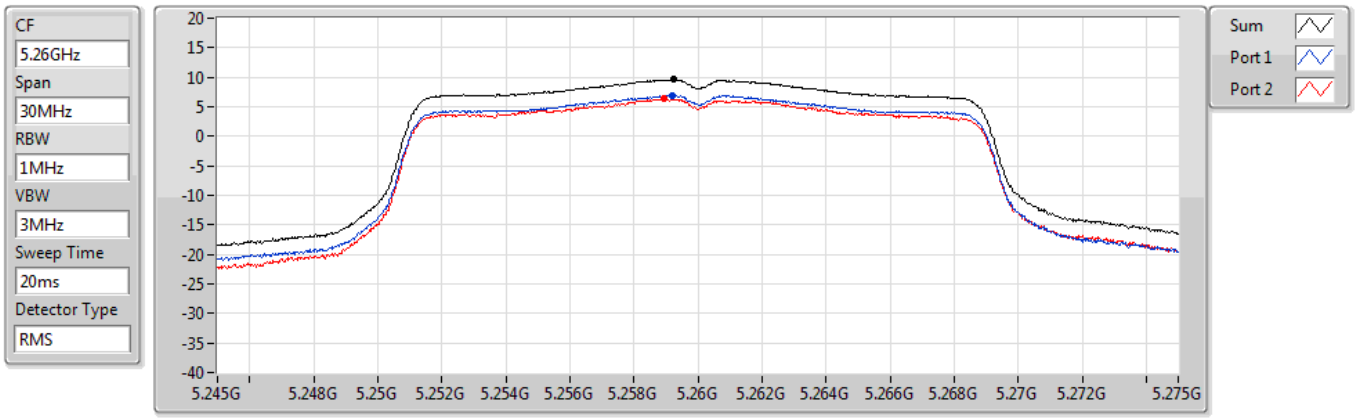


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	7.28	7.47

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5260MHz

18/09/2020

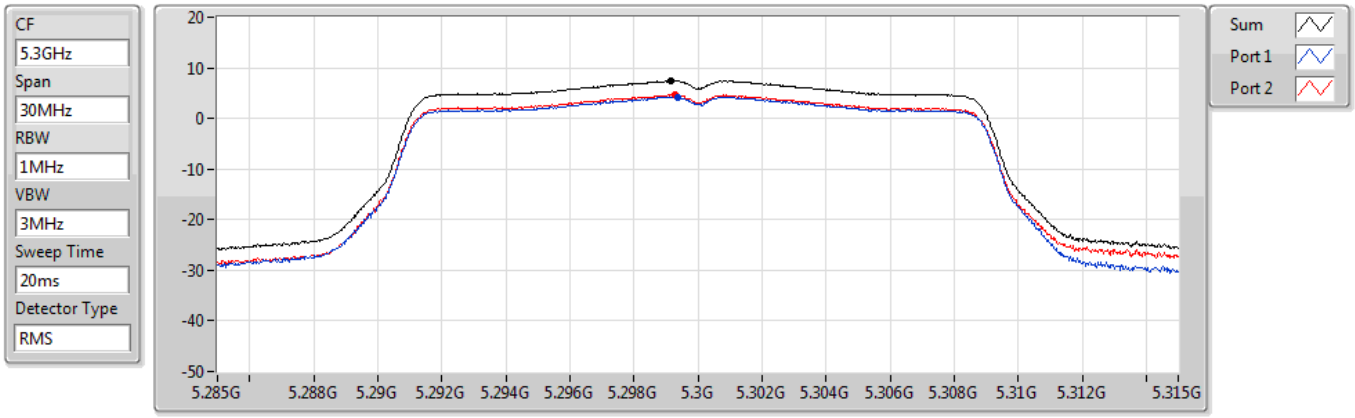


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.94	6.35

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5300MHz

18/09/2020

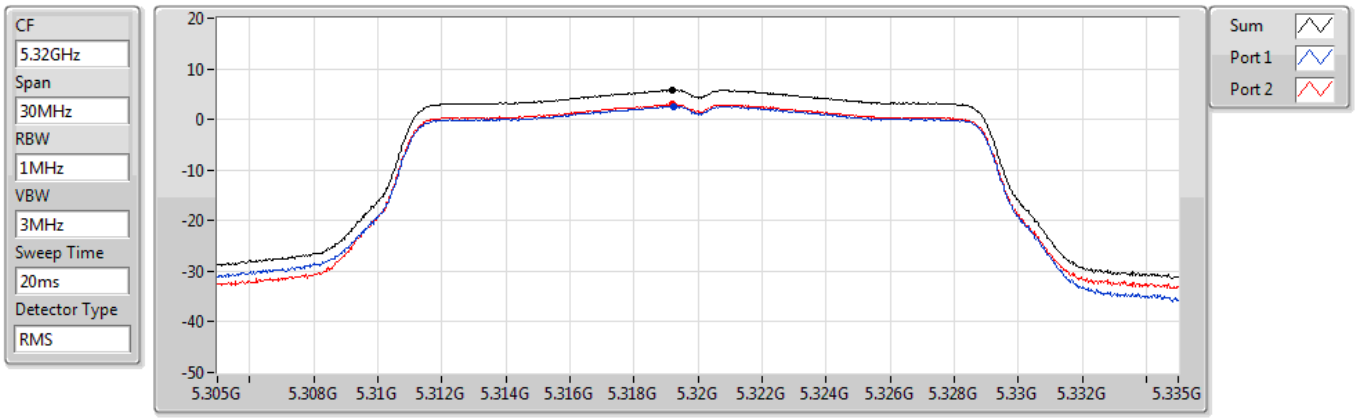


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	4.25	4.72

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5320MHz

18/09/2020

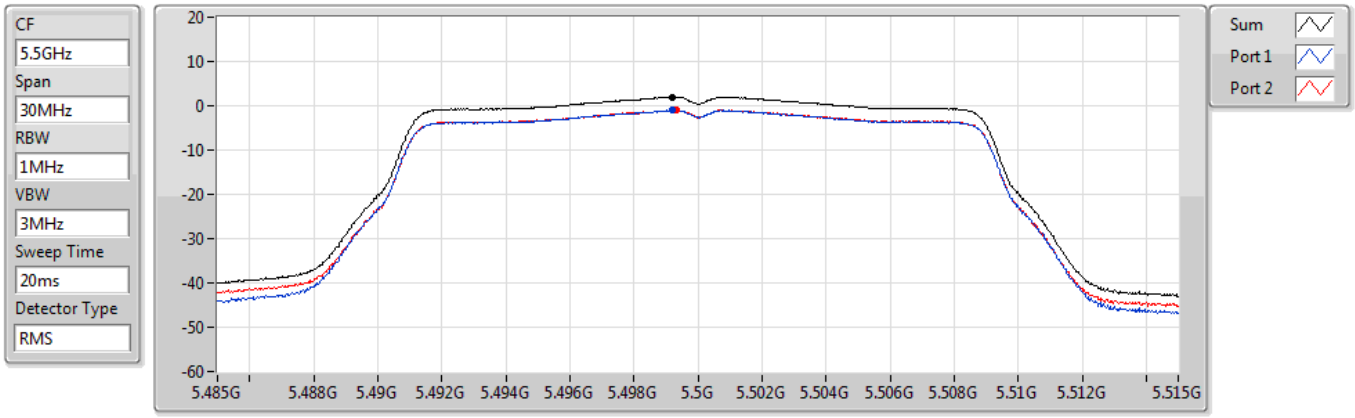


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	2.60	3.07

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5500MHz

18/09/2020

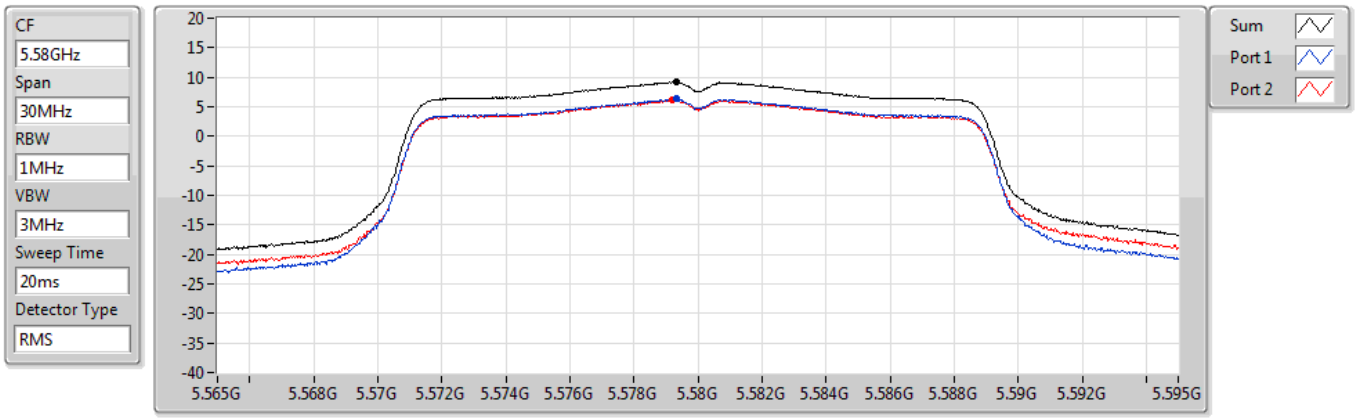


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-1.02	-0.94

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5580MHz

18/09/2020

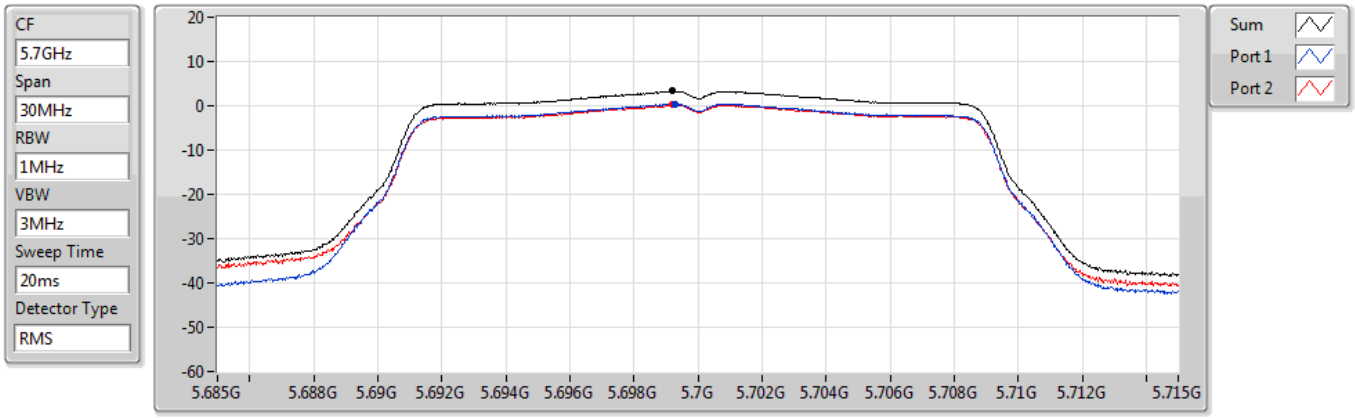


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	6.32	6.11

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5700MHz

18/09/2020

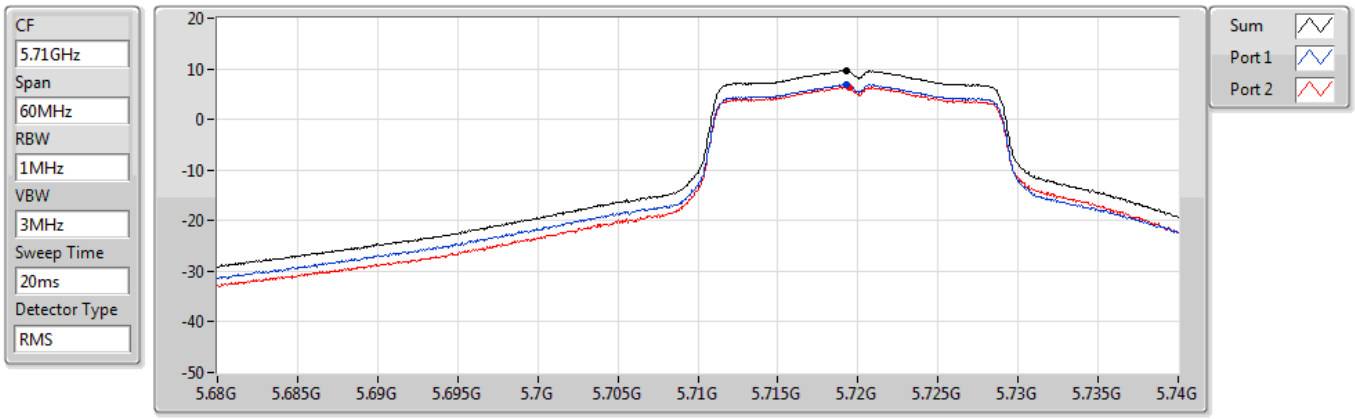


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	0.42	0.20

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

18/09/2020

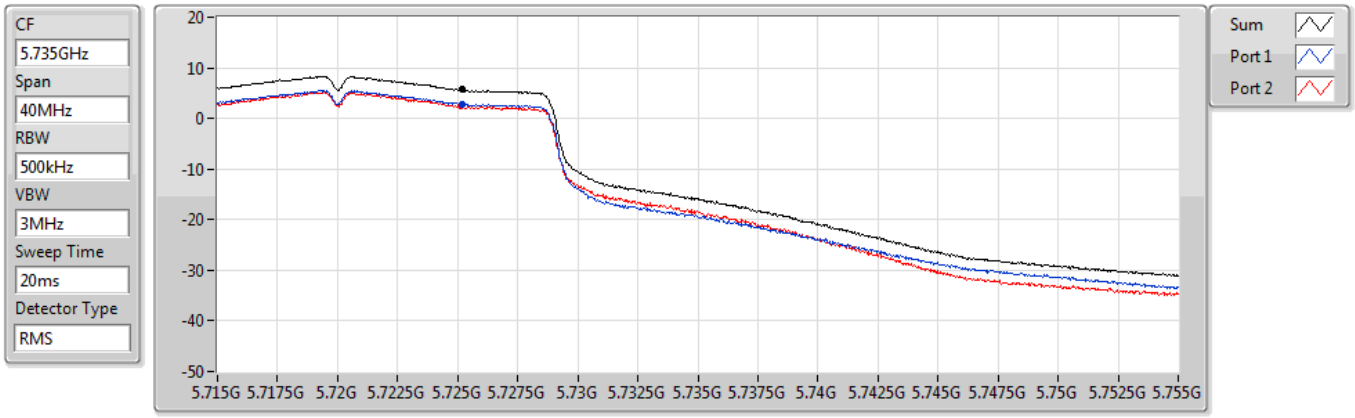


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	6.92	6.44

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

18/09/2020

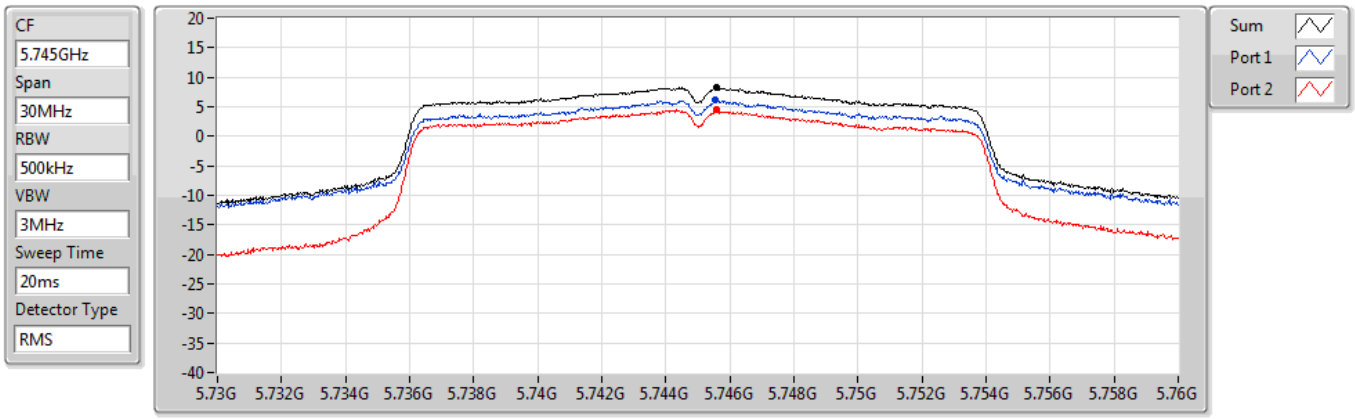


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	2.88	2.43

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5745MHz

18/09/2020

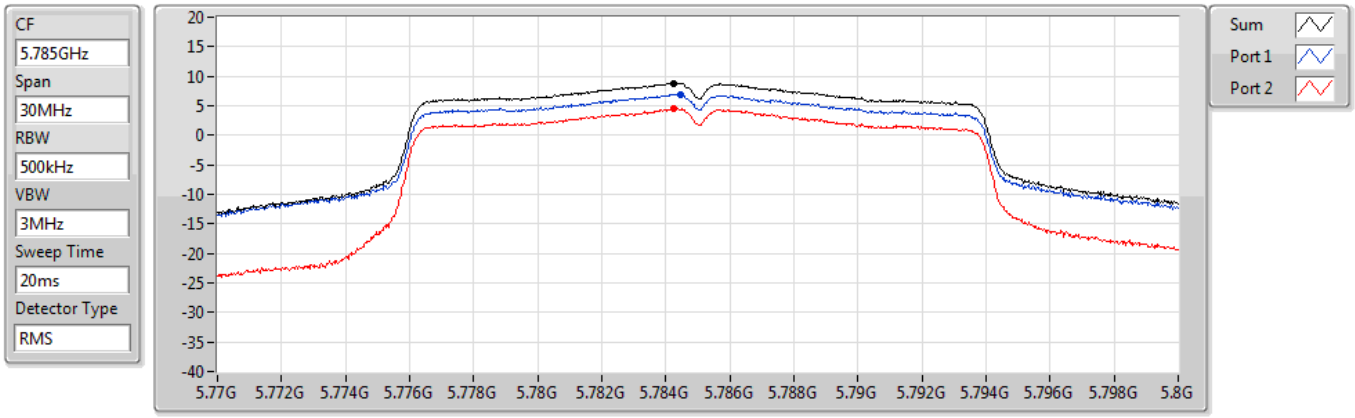


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	6.11	4.42

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5785MHz

18/09/2020

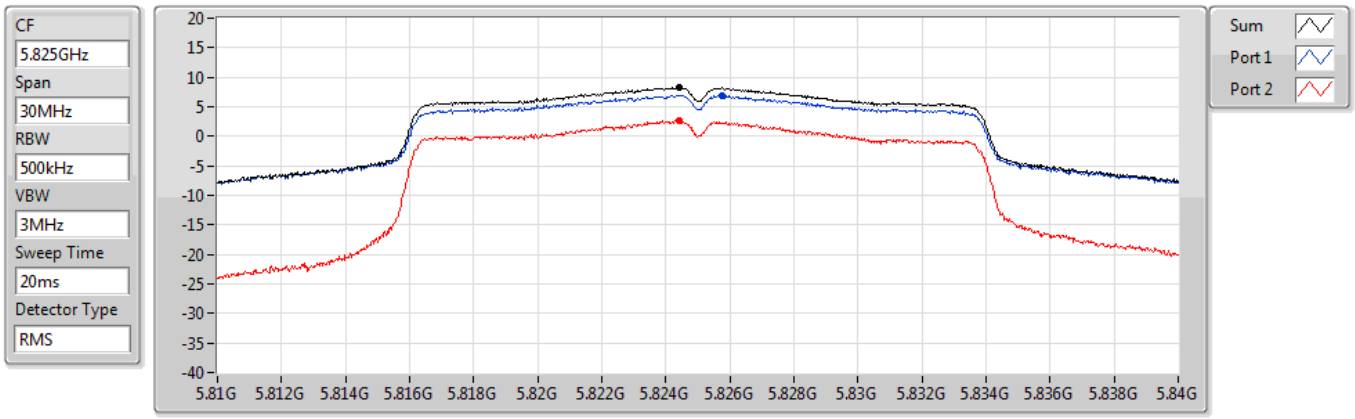


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	6.93	4.45

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5825MHz

18/09/2020

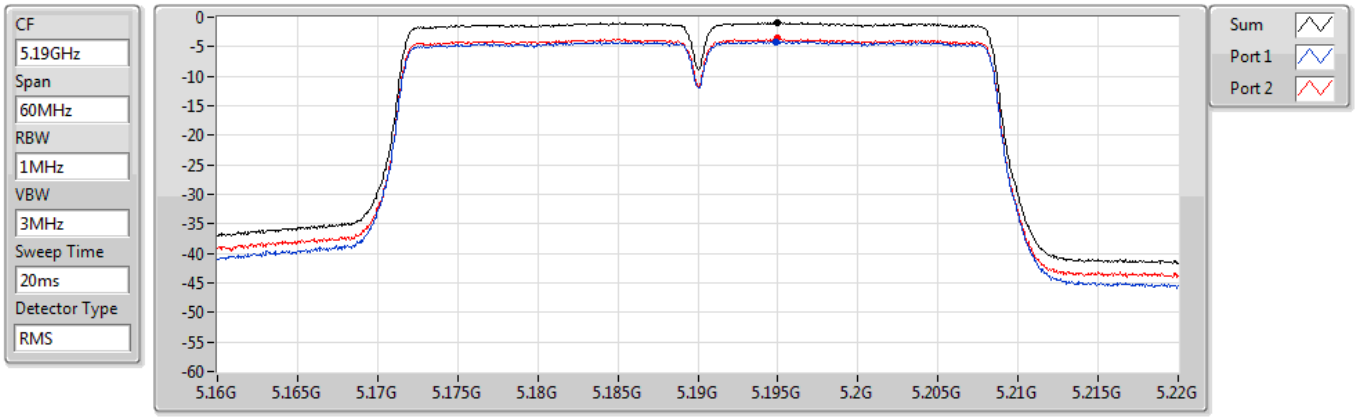


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	6.97	2.60

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5190MHz

18/09/2020

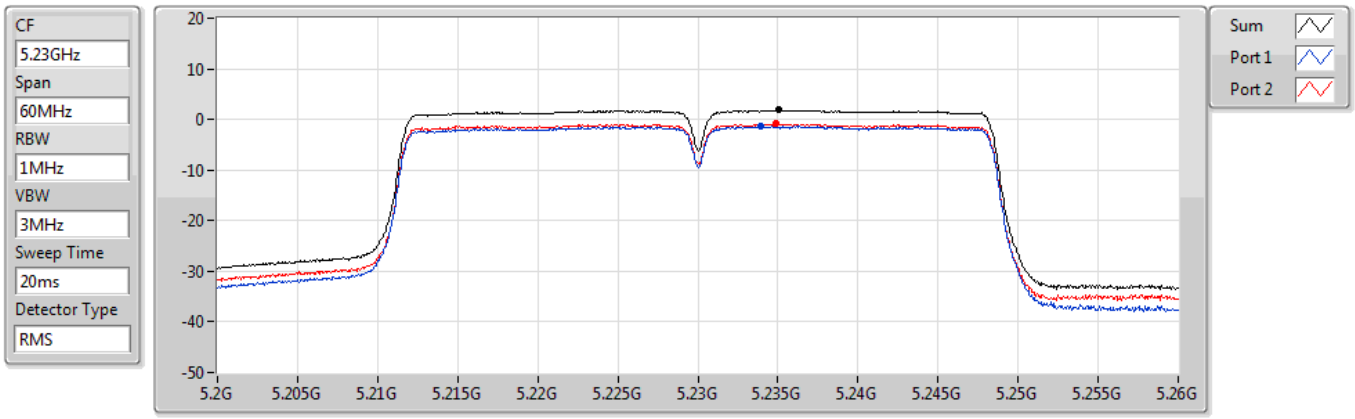


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.89	-0.89	-4.17	-3.62

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5230MHz

18/09/2020

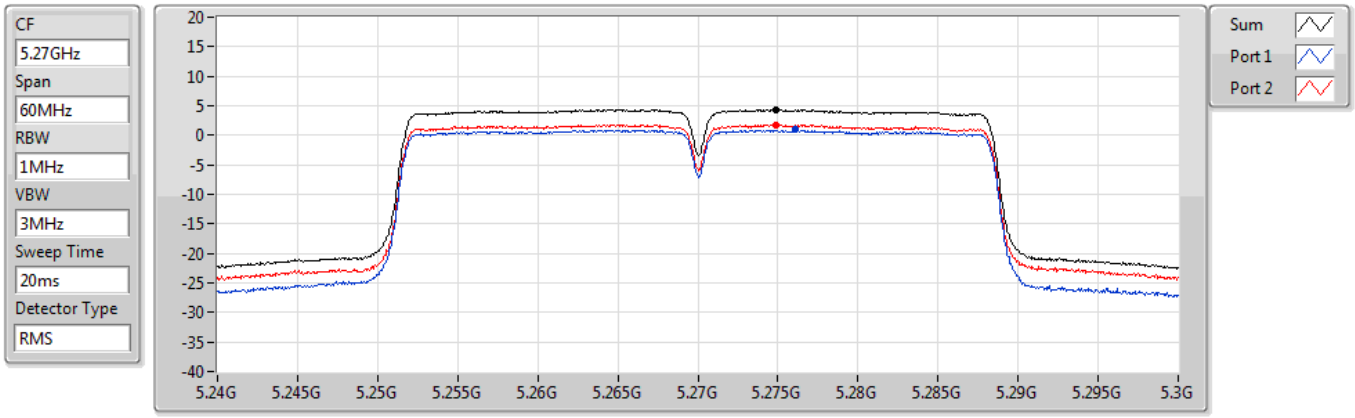


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-1.40	-0.86

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5270MHz

18/09/2020

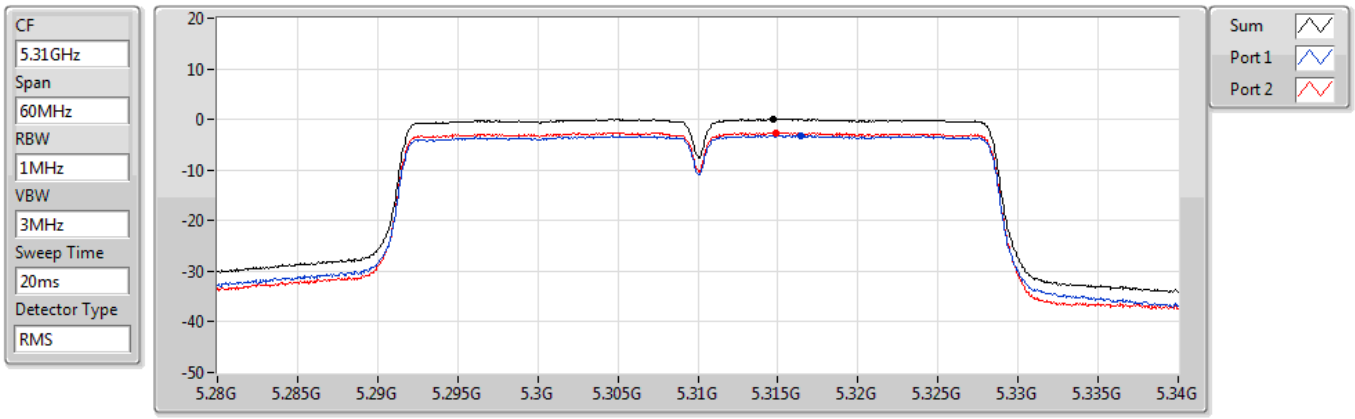


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	0.94	1.80

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5310MHz

18/09/2020

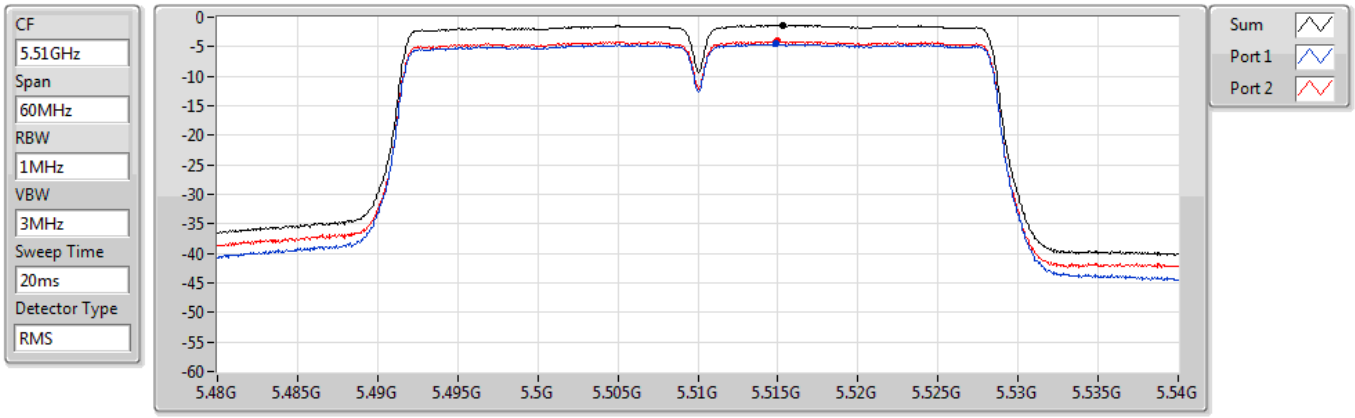


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	-3.17	-2.59

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5510MHz

18/09/2020

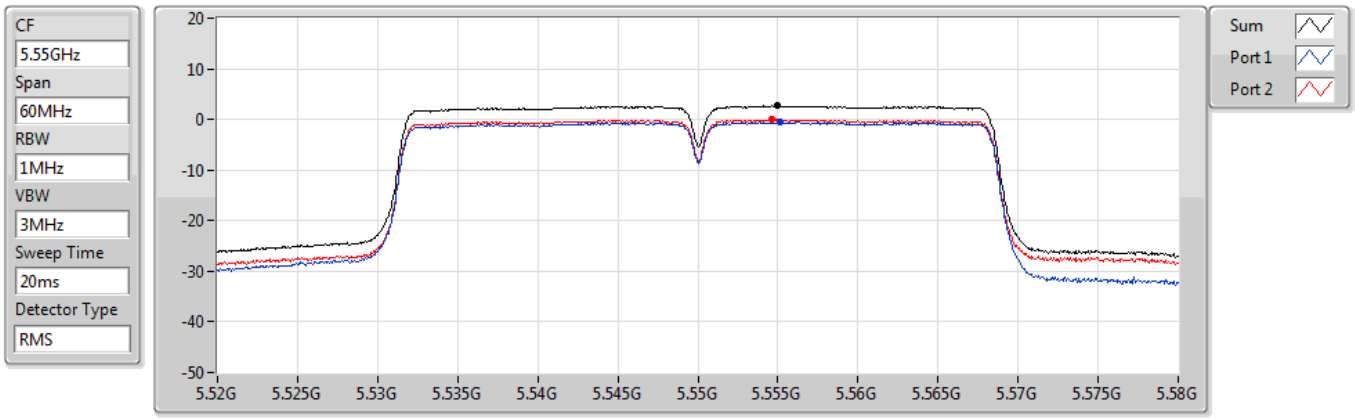


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.36	-1.36	-4.56	-4.08

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5550MHz

18/09/2020

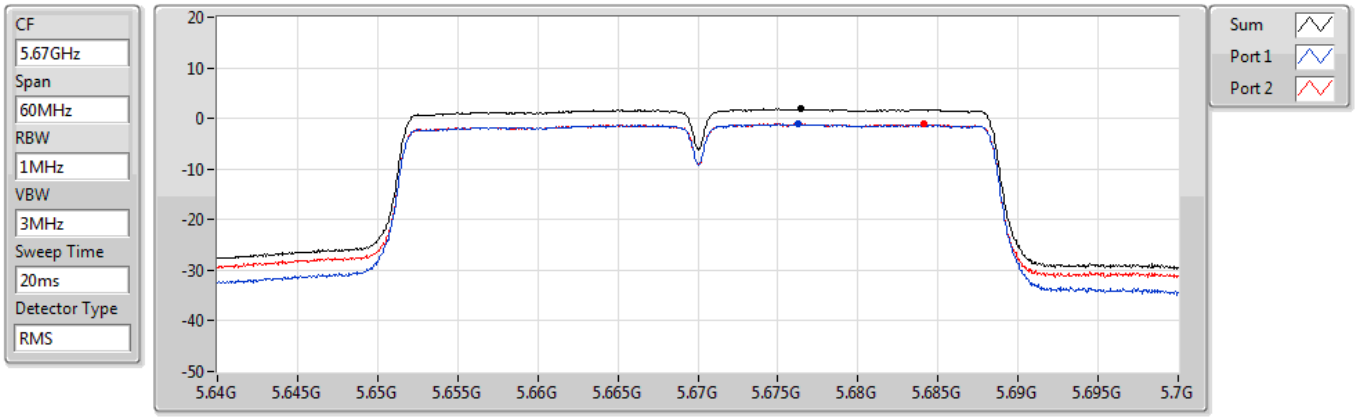


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.68	2.68	-0.58	0.05

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5670MHz

18/09/2020

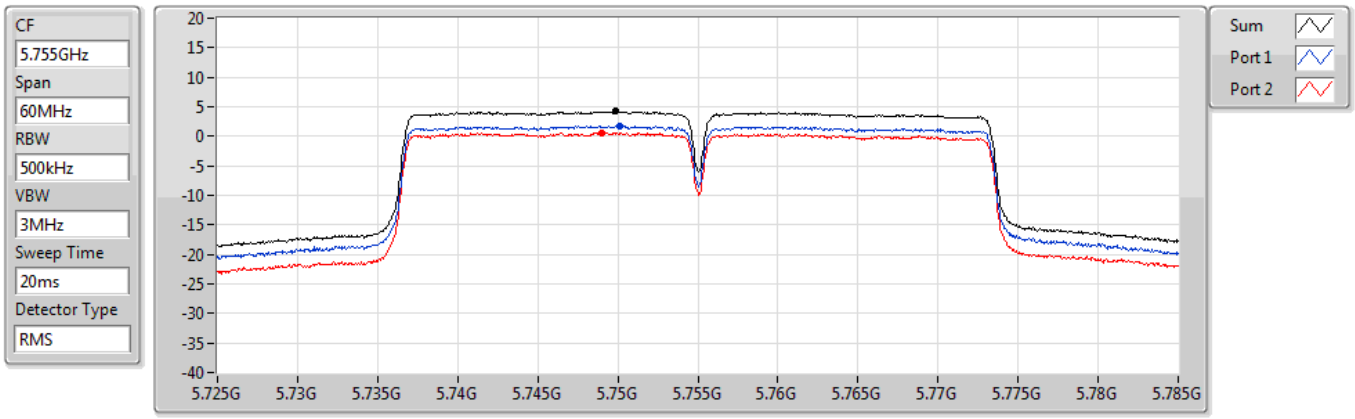


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-1.16	-1.09

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5755MHz

18/09/2020

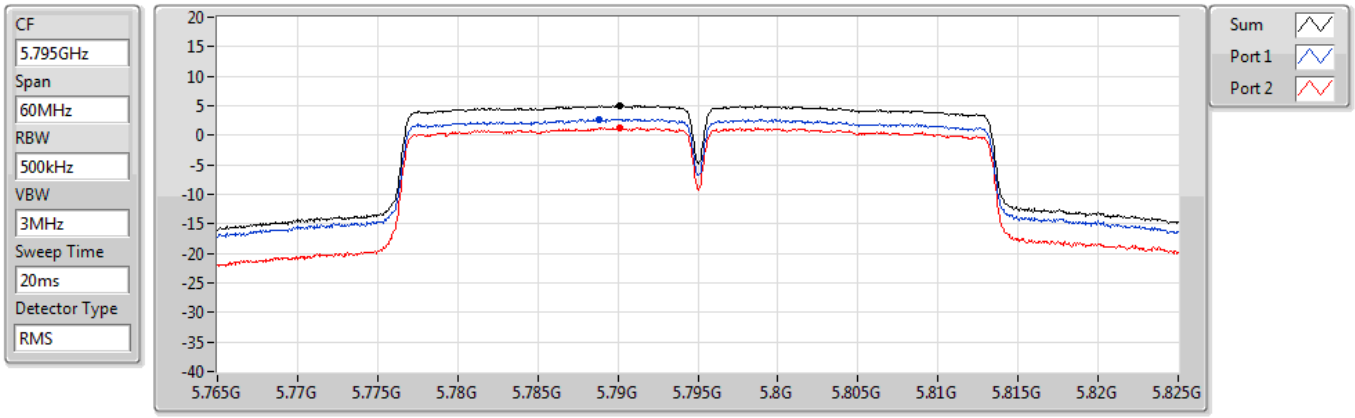


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.18	4.18	1.71	0.63

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5795MHz

18/09/2020

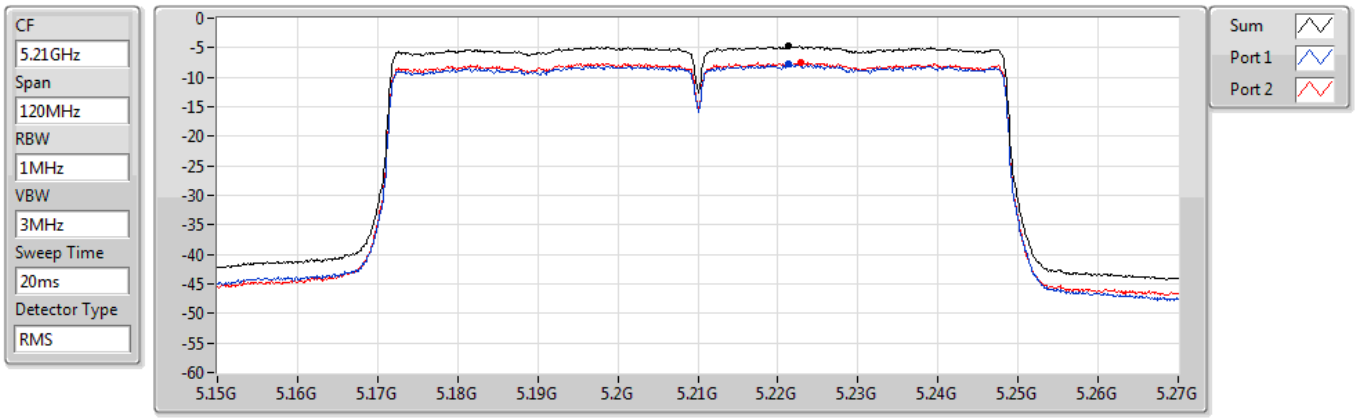


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	2.69	1.29

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5210MHz

18/09/2020

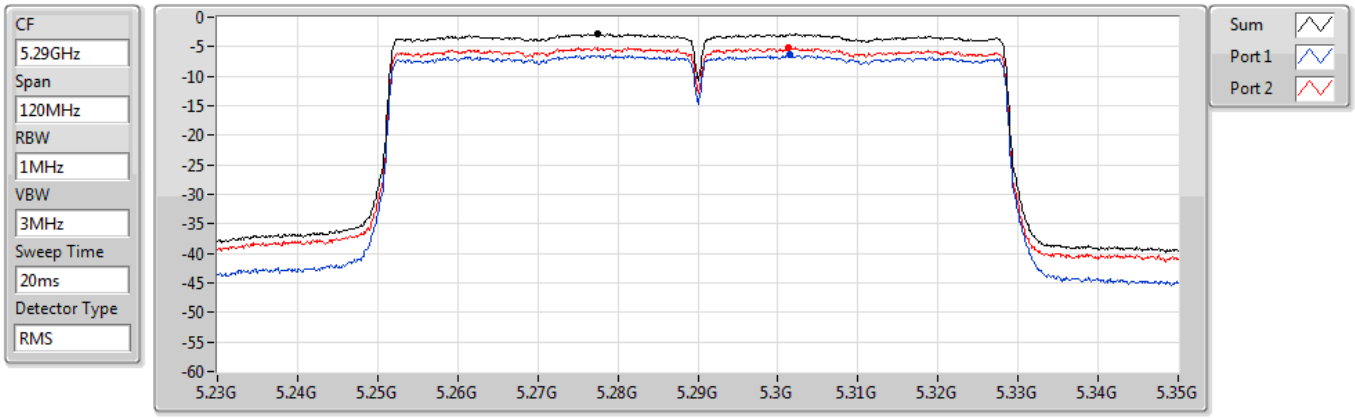


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.77	-4.77	-7.83	-7.56

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5290MHz

18/09/2020

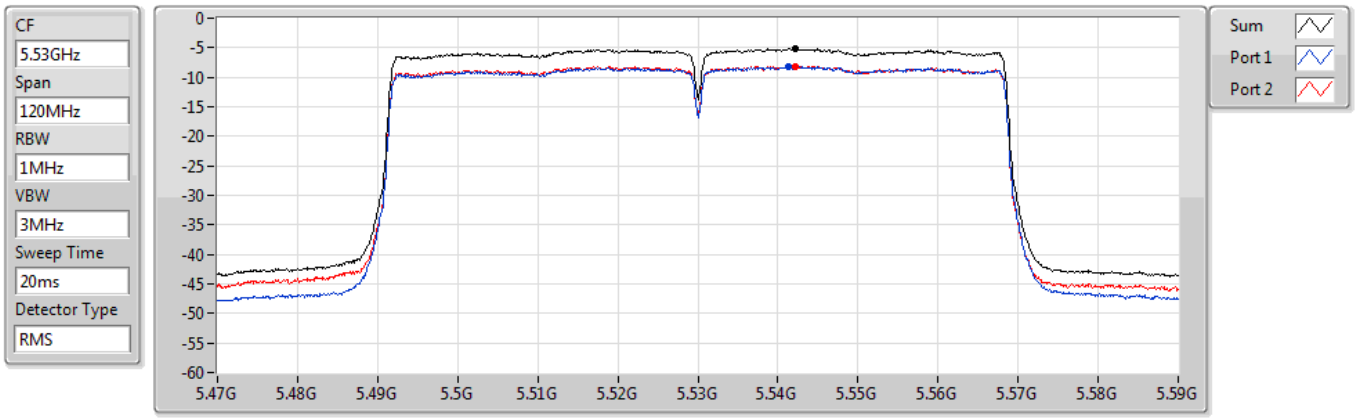


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.79	-2.79	-6.40	-5.21

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5530MHz

18/09/2020

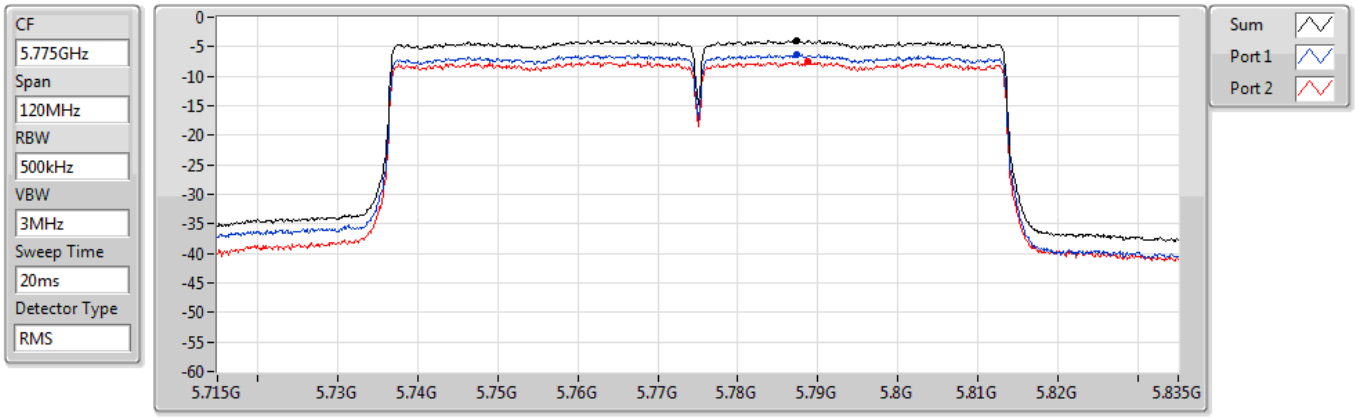


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.15	-5.15	-8.23	-8.09

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5775MHz

18/09/2020

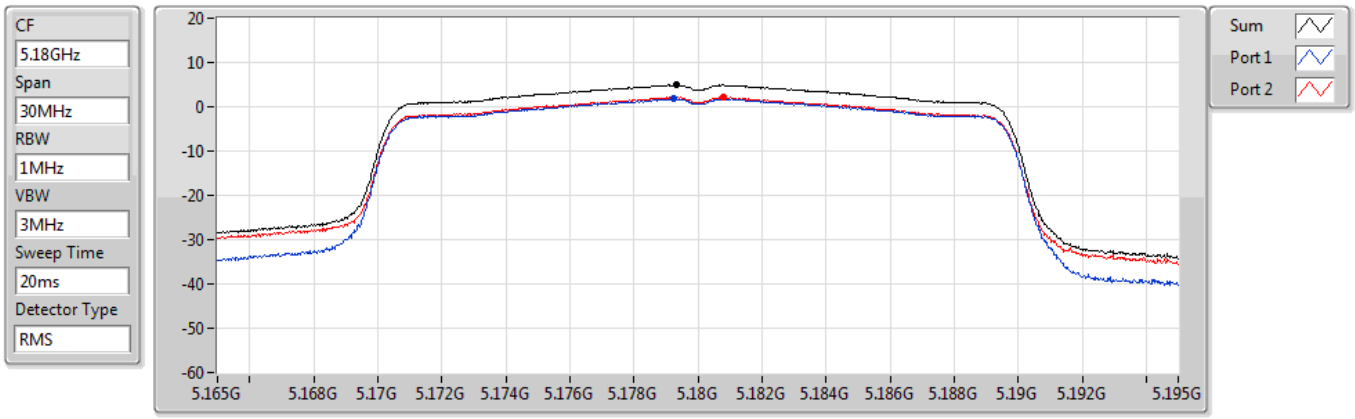


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.93	-3.93	-6.26	-7.57

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5180MHz

18/09/2020

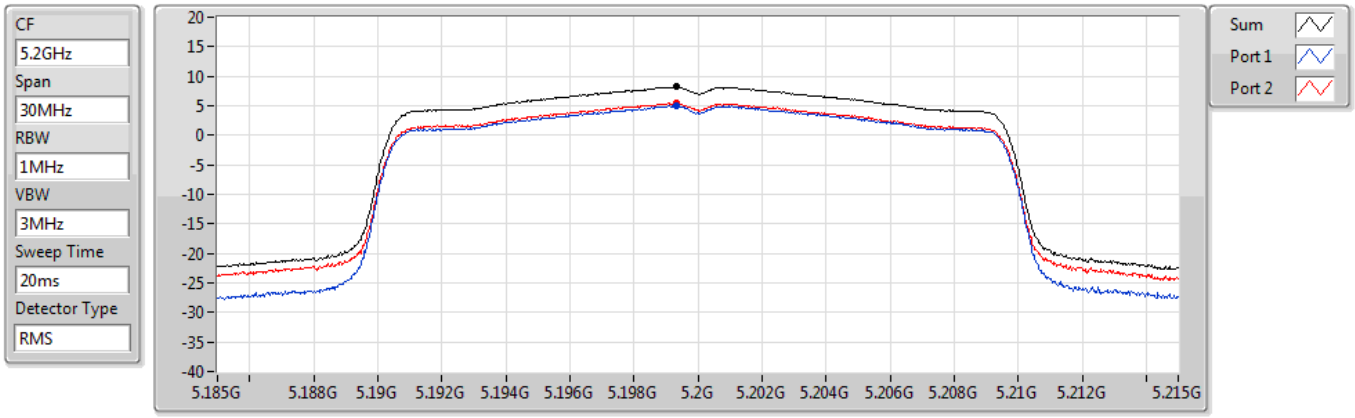


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	1.79	2.10

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5200MHz

18/09/2020

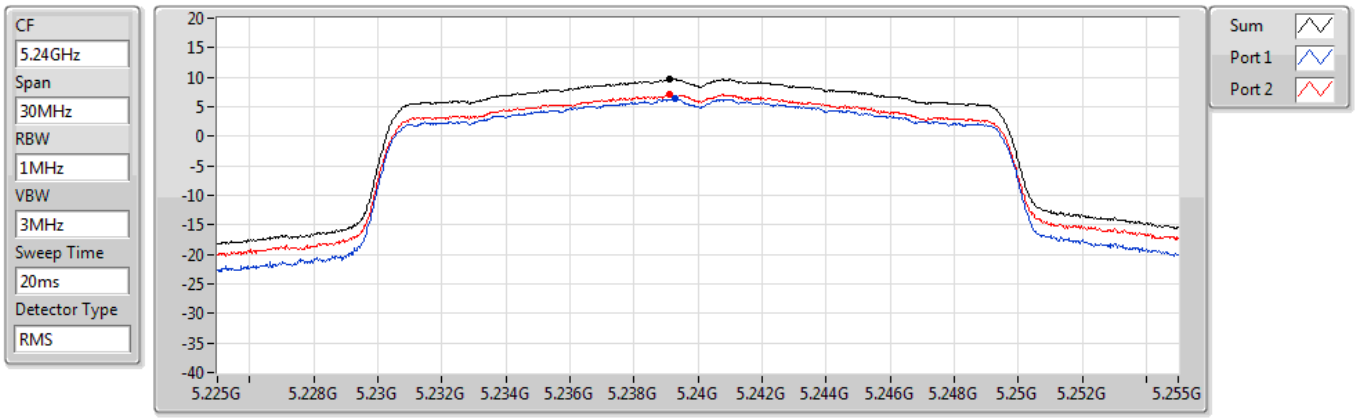


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	4.96	5.38

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5240MHz

18/09/2020

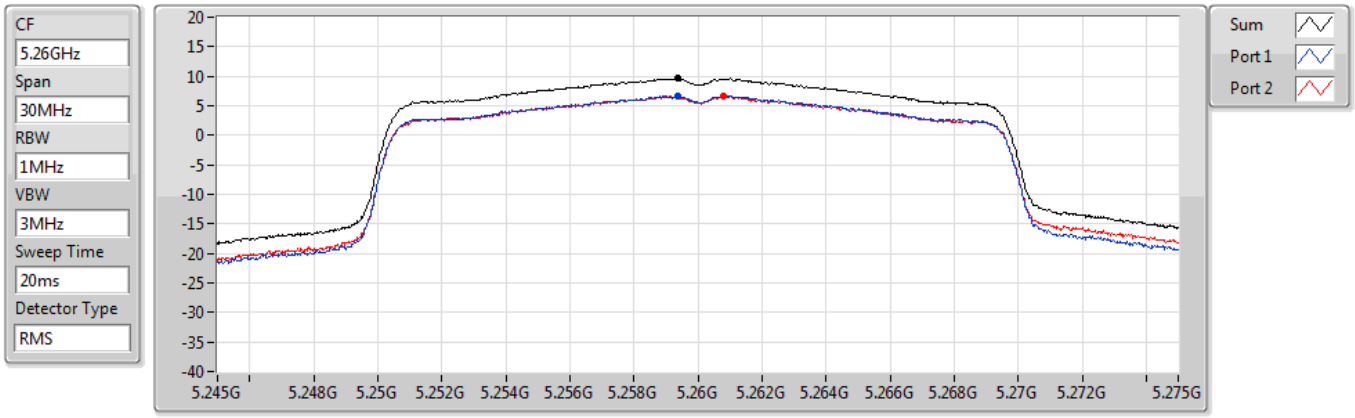


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	6.37	7.16

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5260MHz

18/09/2020

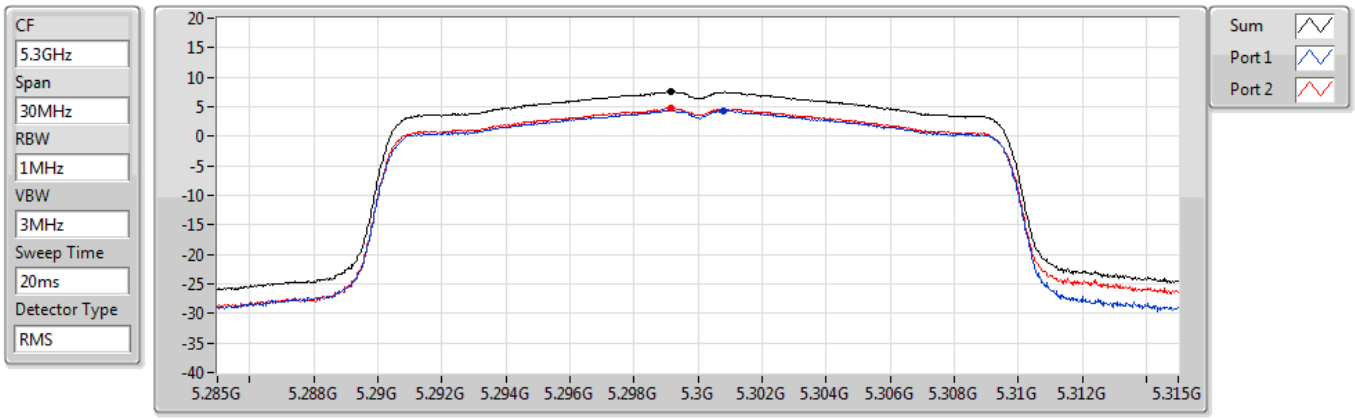


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.70	6.59

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5300MHz

18/09/2020

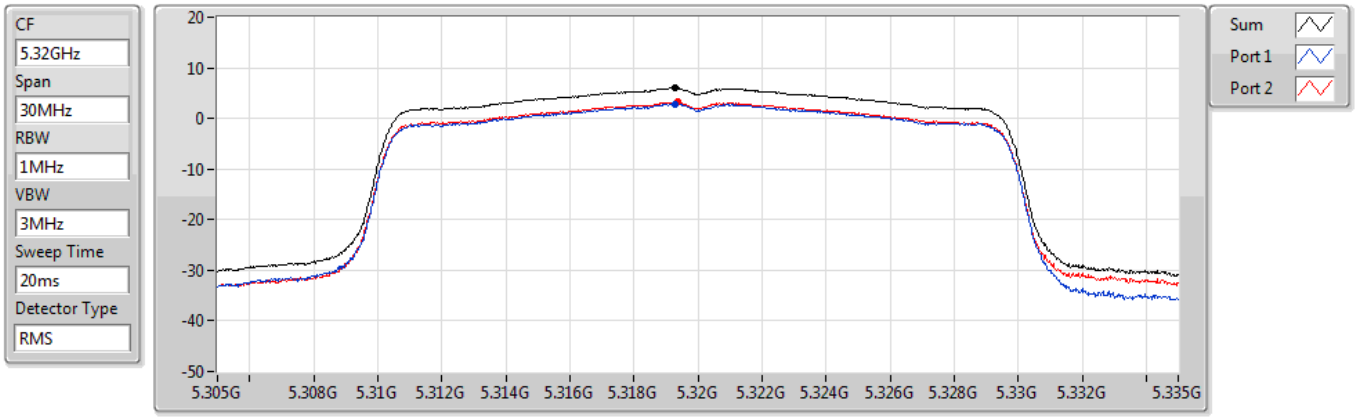


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	4.34	4.75

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5320MHz

18/09/2020

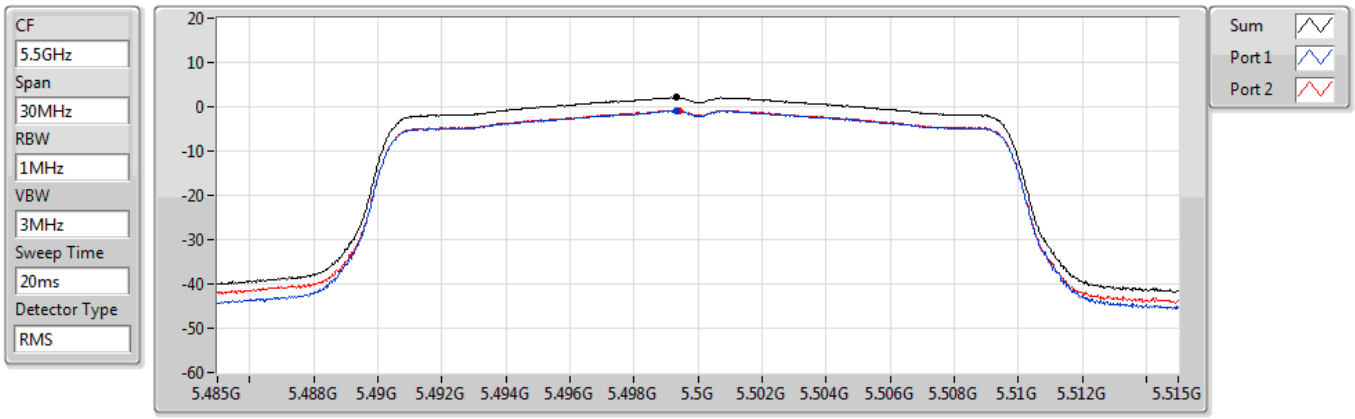


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	2.83	3.19

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5500MHz

18/09/2020

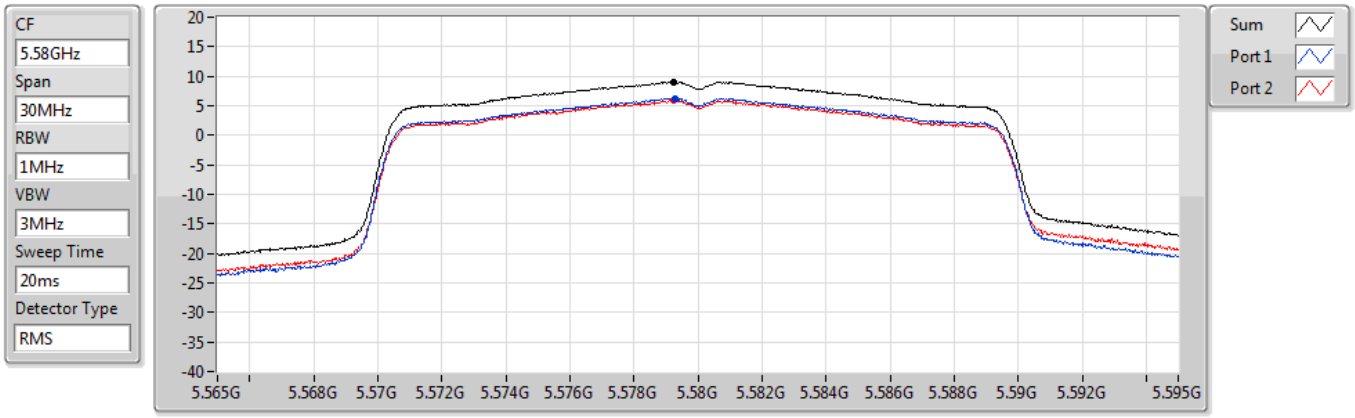


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.12	2.12	-0.90	-0.86

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5580MHz

18/09/2020

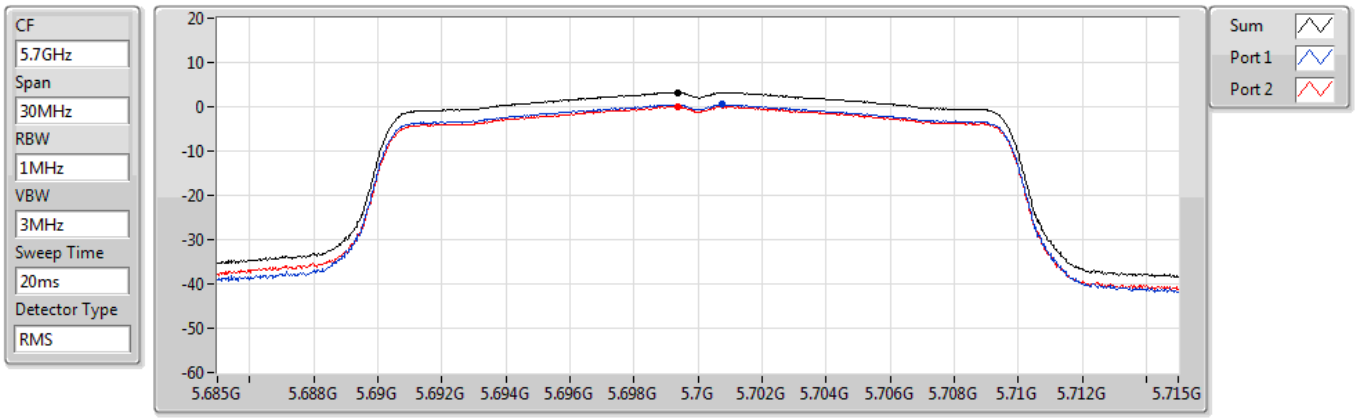


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	6.23	5.89

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5700MHz

18/09/2020

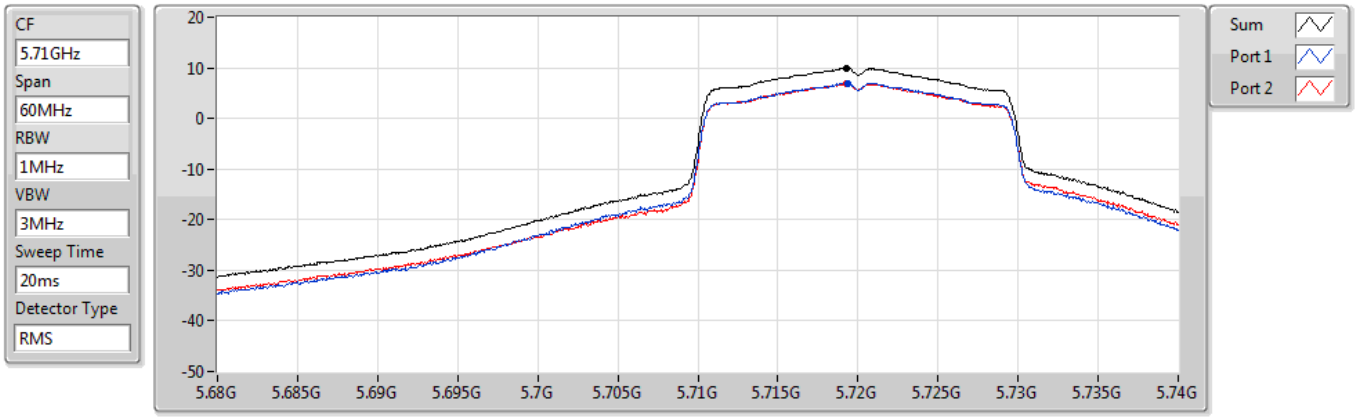


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	0.53	0.10

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

18/09/2020

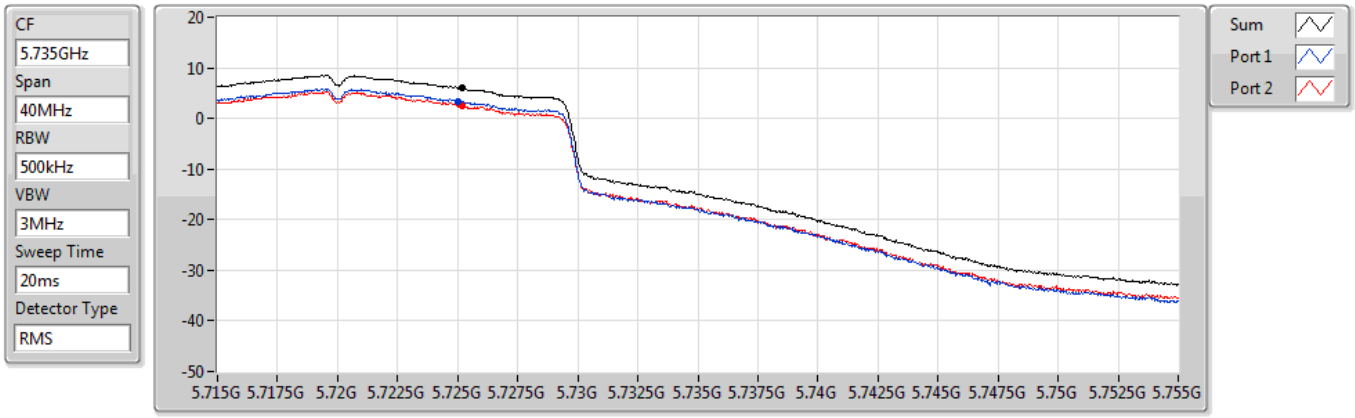


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	6.92	6.87

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

18/09/2020

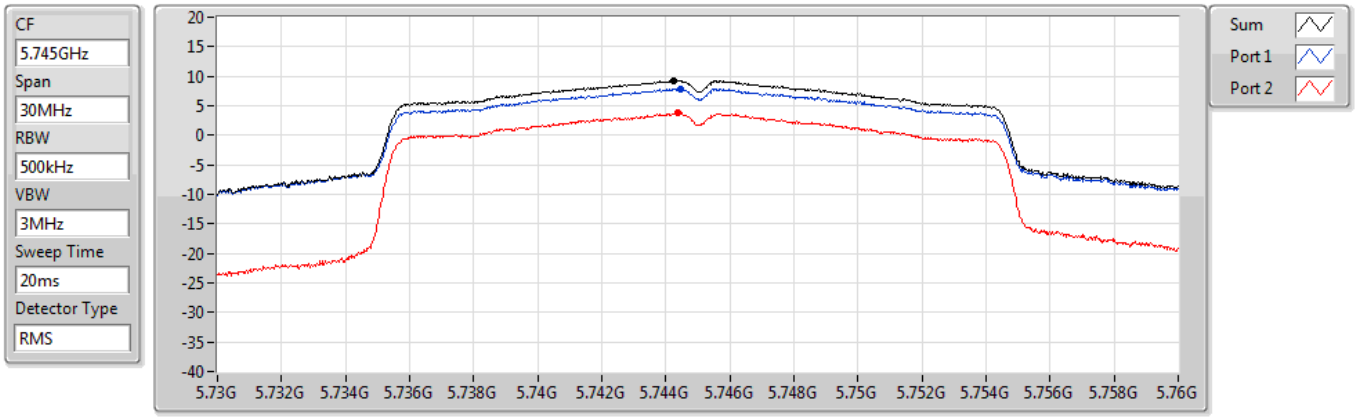


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	3.45	2.55

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5745MHz

18/09/2020

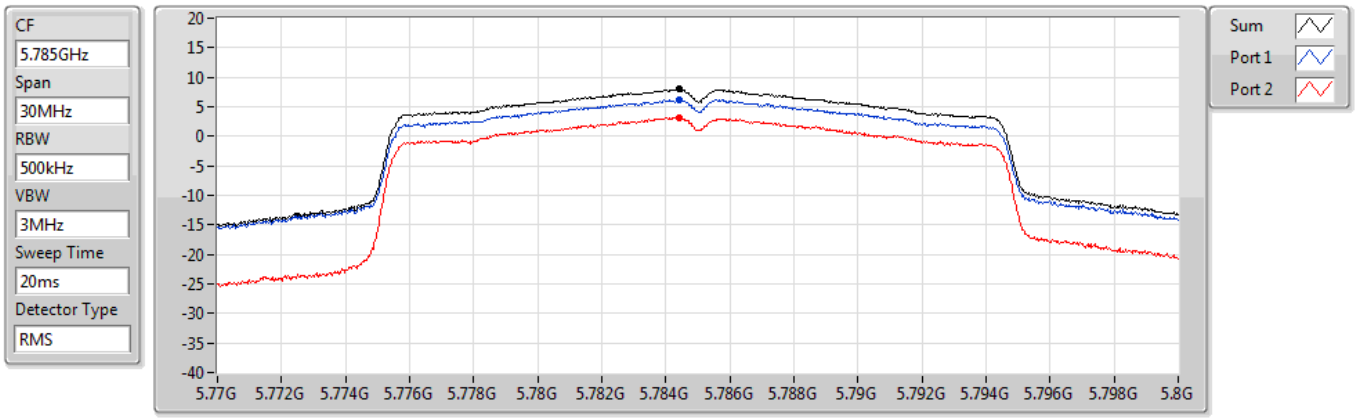


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	7.87	3.83

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5785MHz

18/09/2020

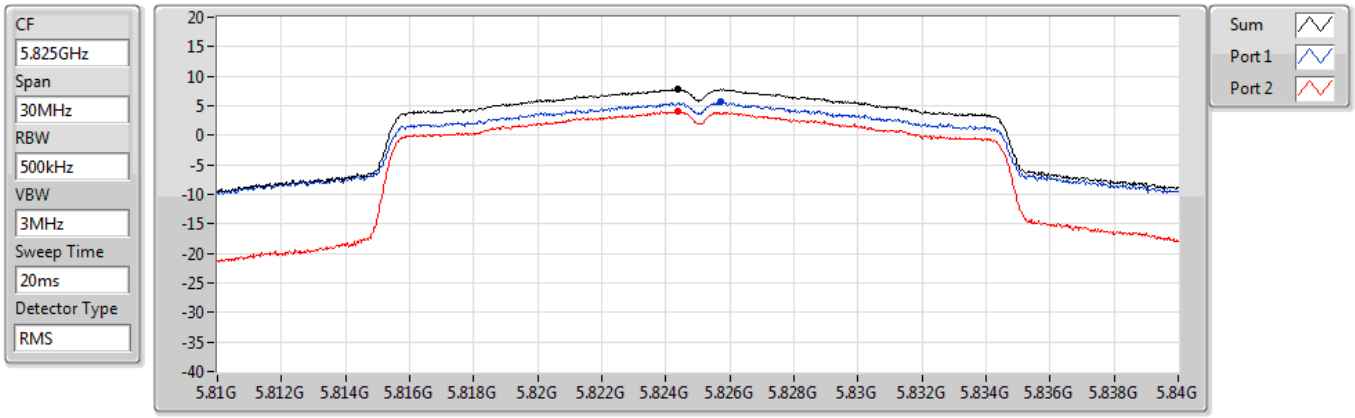


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	6.14	3.22

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

5825MHz

18/09/2020

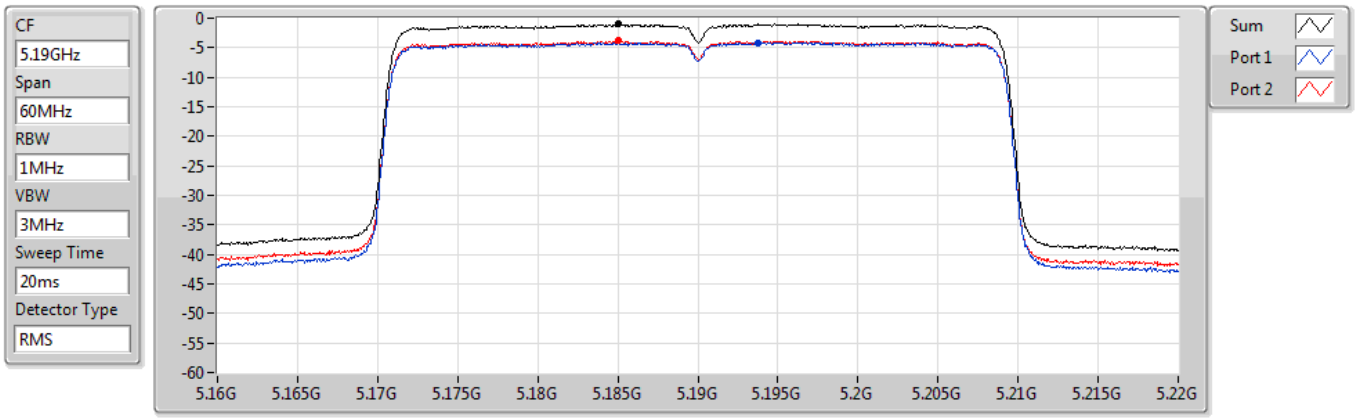


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	5.63	4.12

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5190MHz

18/09/2020

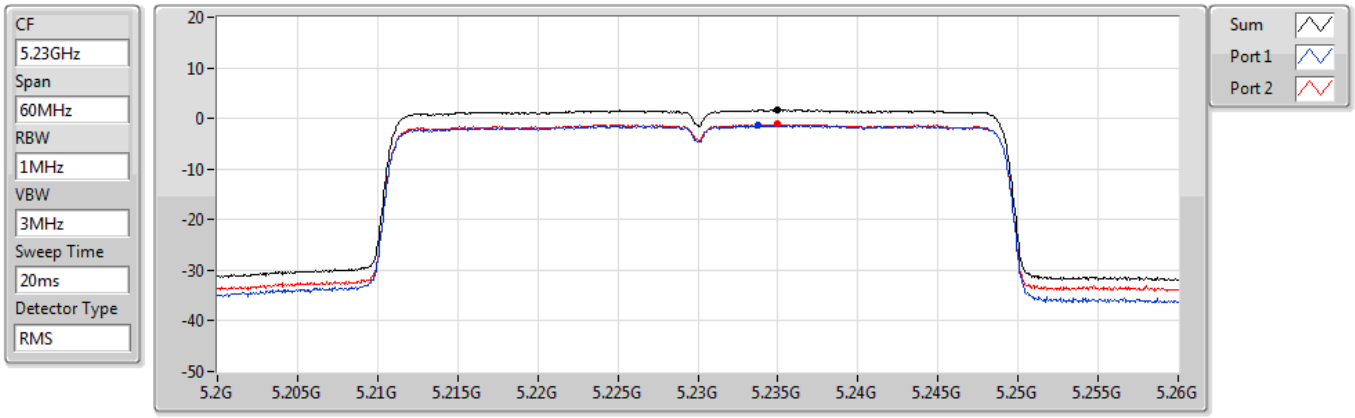


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.03	-1.03	-4.13	-3.84

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5230MHz

18/09/2020

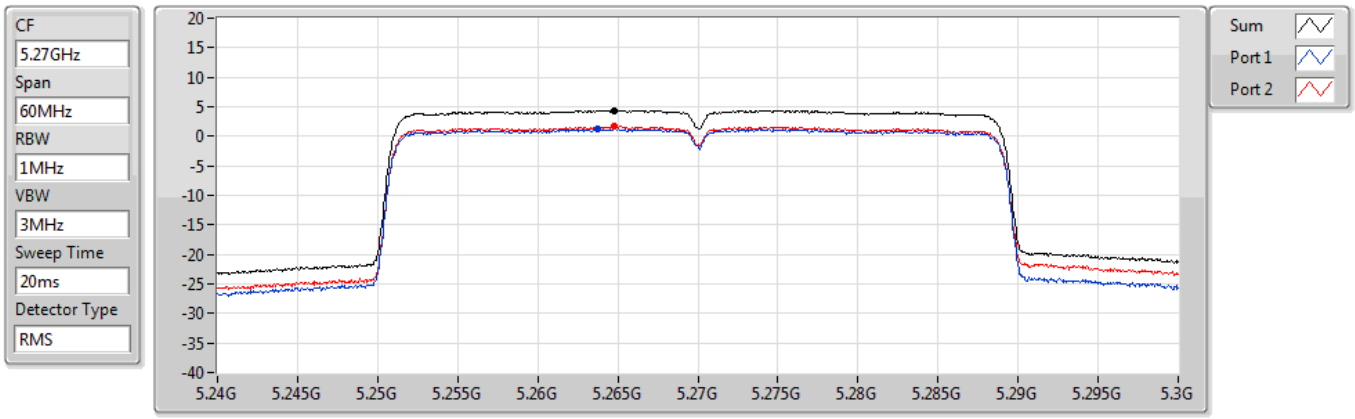


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	-1.38	-1.19

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5270MHz

18/09/2020

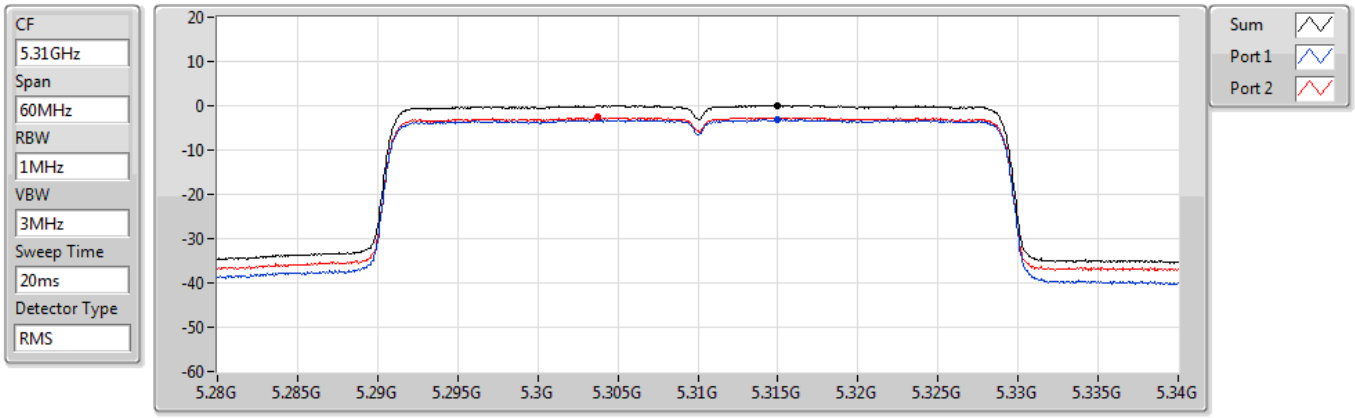


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	1.19	1.64

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5310MHz

18/09/2020

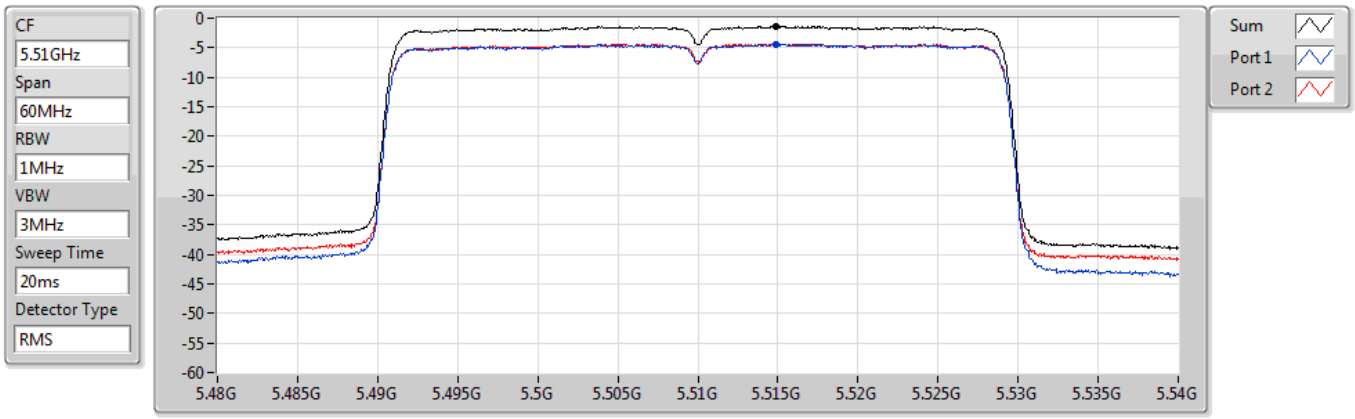


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-3.12	-2.63

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5510MHz

18/09/2020

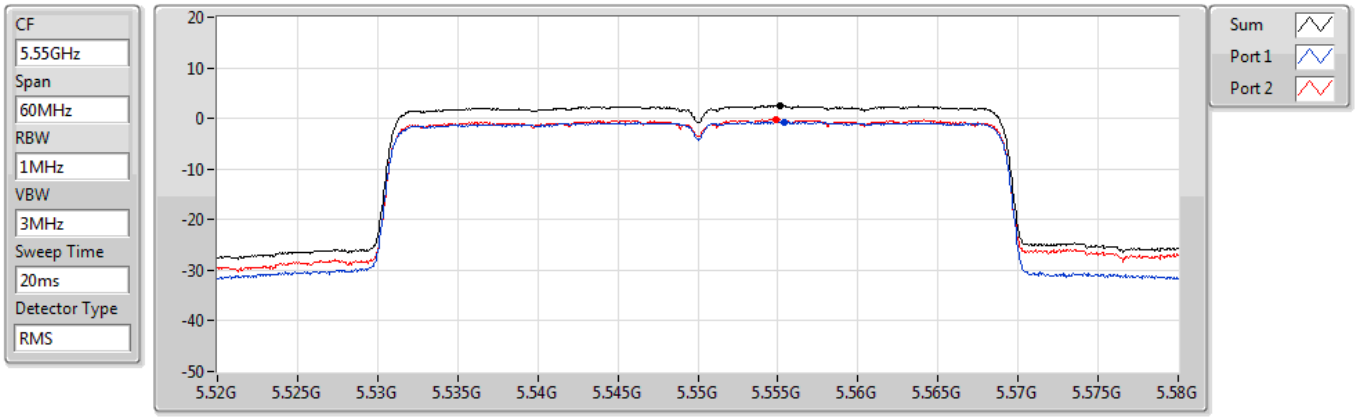


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.38	-1.38	-4.40	-4.35

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5550MHz

18/09/2020

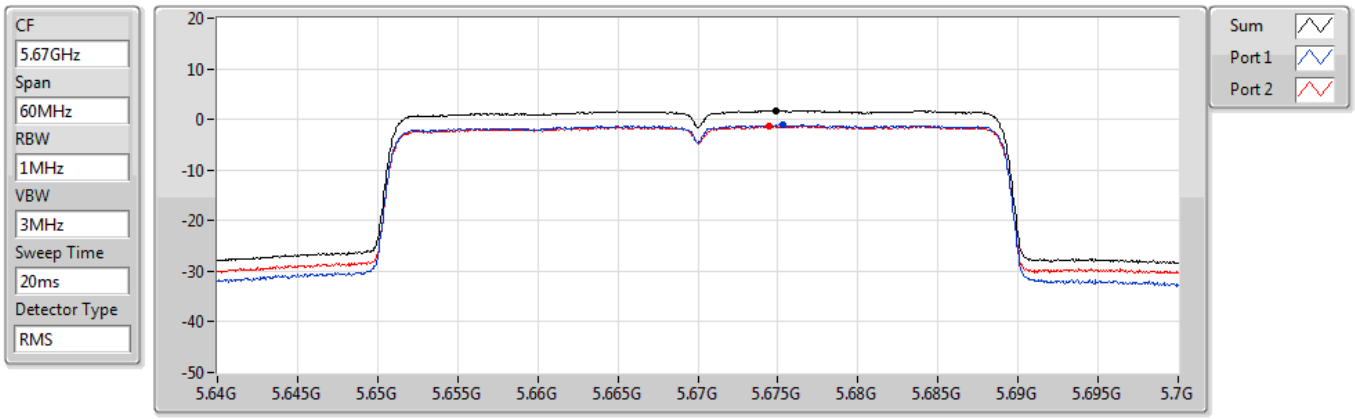


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.72	-0.28

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5670MHz

18/09/2020

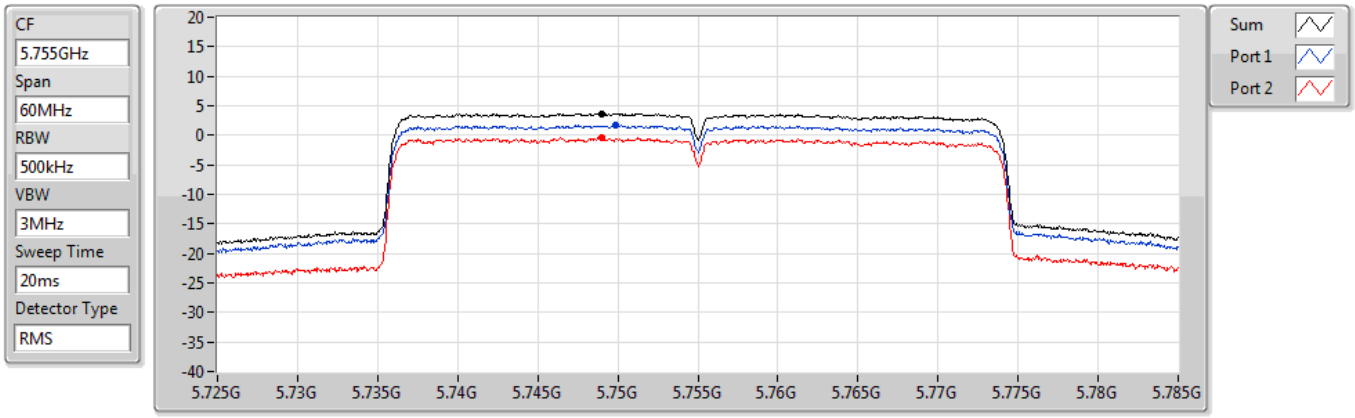


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-1.09	-1.33

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5755MHz

18/09/2020

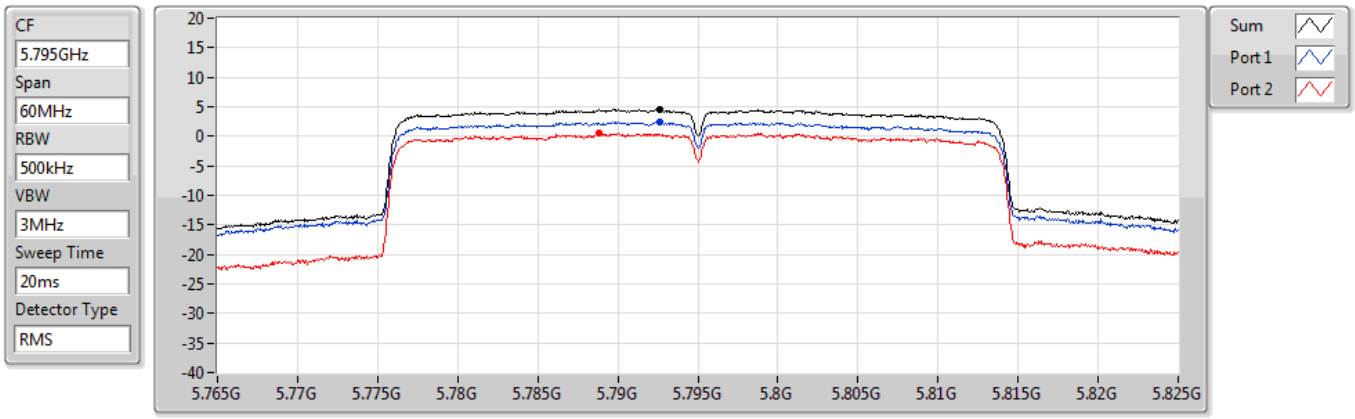


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.70	3.70	1.65	-0.30

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

5795MHz

18/09/2020

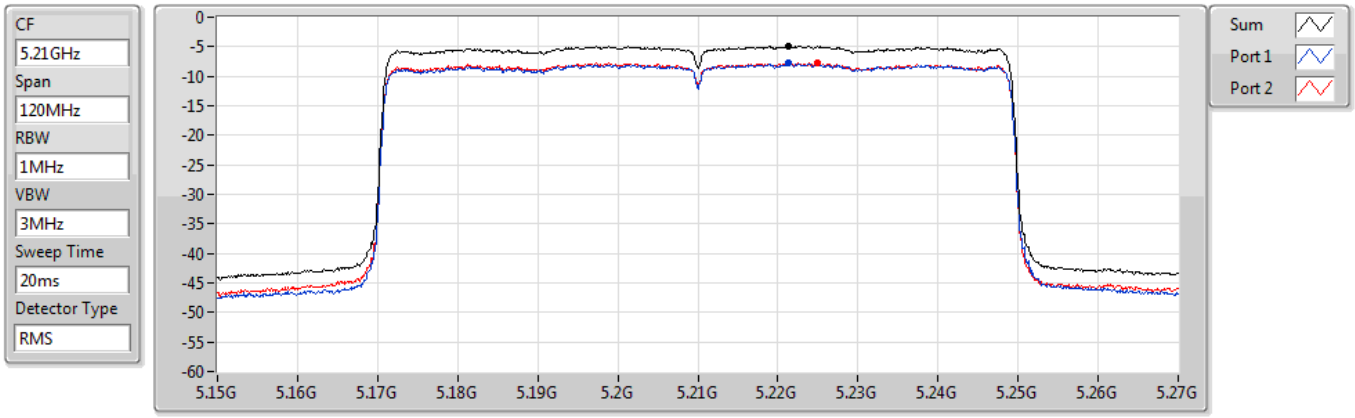


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	2.49	0.52

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5210MHz

18/09/2020

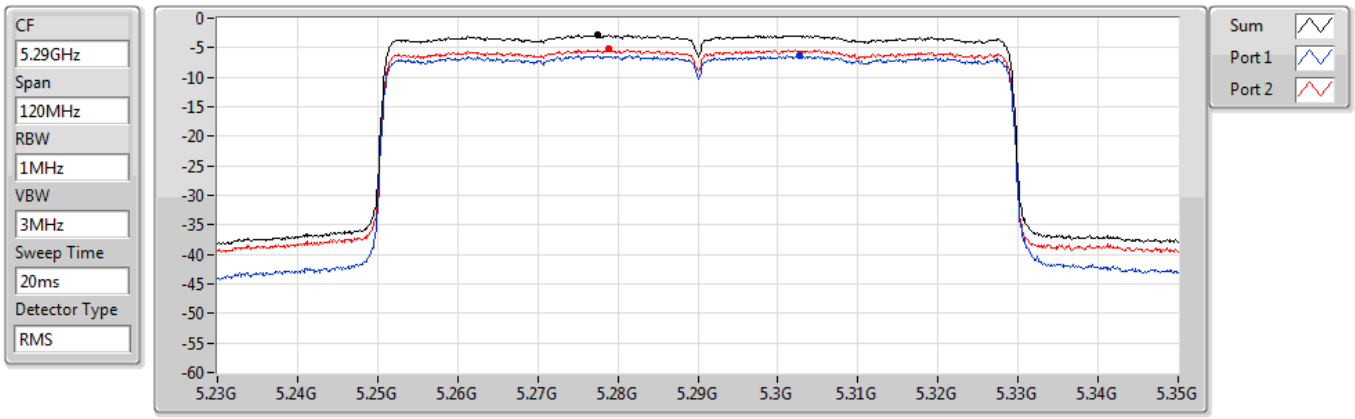


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.84	-4.84	-7.81	-7.72

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5290MHz

18/09/2020

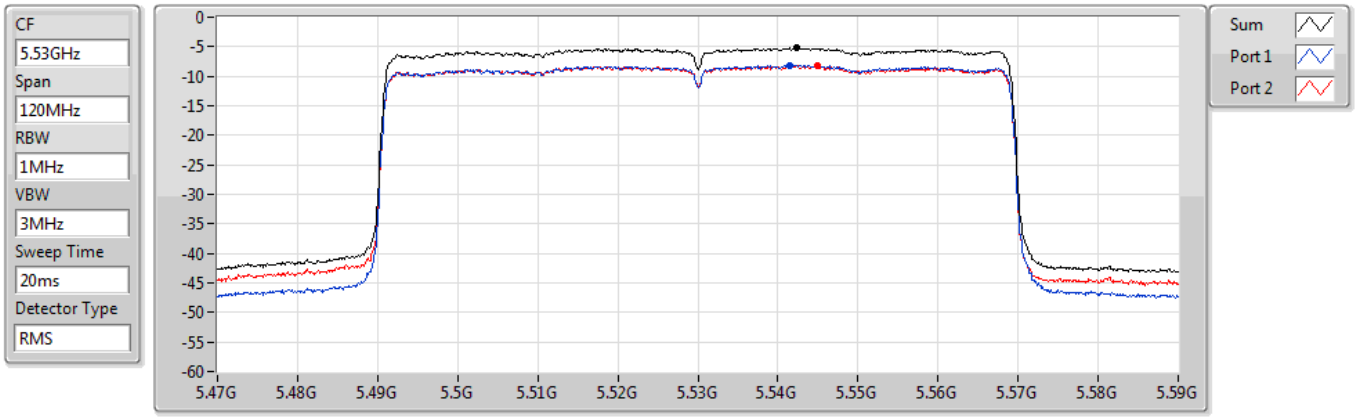


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.84	-2.84	-6.30	-5.26

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5530MHz

18/09/2020

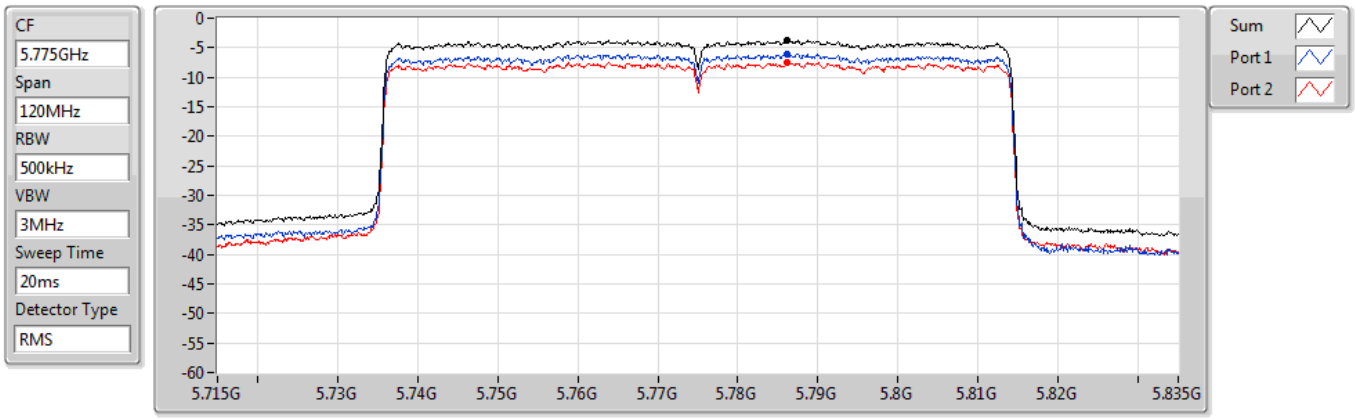


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.21	-5.21	-8.09	-8.28

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

5775MHz

18/09/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.68	-3.68	-6.08	-7.39

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	33.88M	35.60	40.00	-4.40	3	Horizontal	0	1.00	-

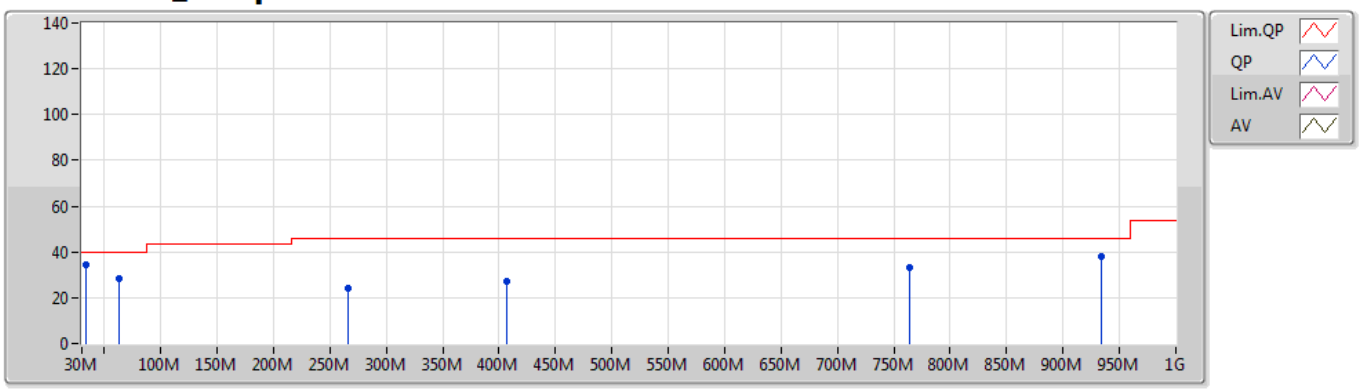
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	33.88M	34.17	40.00	-5.83	3	Vertical	360	1.00	-
5775MHz	Pass	PK	62.98M	28.07	40.00	-11.93	3	Vertical	360	1.00	-
5775MHz	Pass	PK	266.68M	24.40	46.00	-21.60	3	Vertical	360	1.00	-
5775MHz	Pass	PK	406.36M	26.90	46.00	-19.10	3	Vertical	360	1.00	-
5775MHz	Pass	PK	763.32M	33.05	46.00	-12.95	3	Vertical	360	1.00	-
5775MHz	Pass	PK	934.04M	37.76	46.00	-8.24	3	Vertical	360	1.00	-
5775MHz	Pass	PK	33.88M	35.60	40.00	-4.40	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	88.2M	22.70	43.50	-20.80	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	241.46M	22.47	46.00	-23.53	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	396.66M	26.59	46.00	-19.41	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	763.32M	32.86	46.00	-13.14	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	934.04M	38.55	46.00	-7.45	3	Horizontal	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_Adapter

13/09/2020

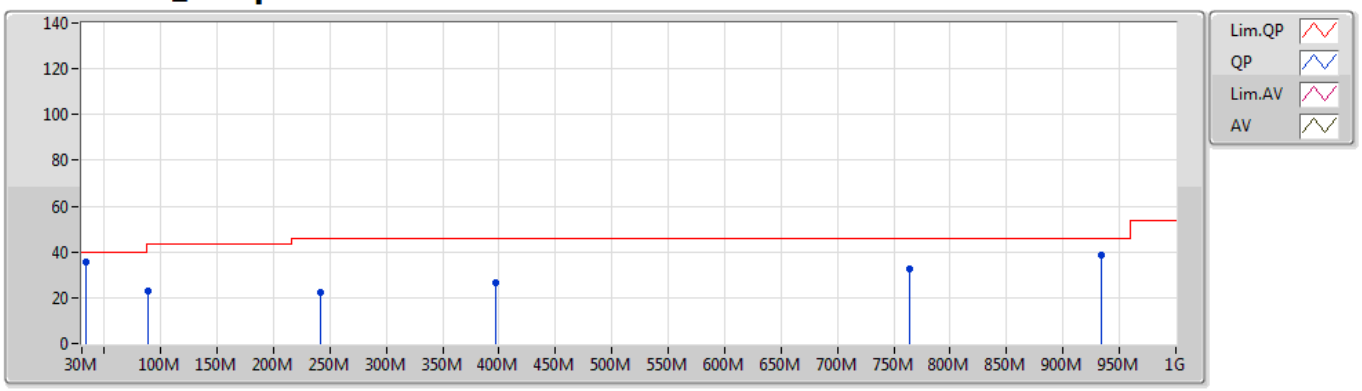


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.88M	34.17	40.00	-5.83	-4.92	3	Vertical	360	1.00	-	39.09	21.26	0.78	26.96
PK	62.98M	28.07	40.00	-11.93	-15.09	3	Vertical	360	1.00	-	43.16	11.61	1.10	27.80
PK	266.68M	24.40	46.00	-21.60	-6.17	3	Vertical	360	1.00	-	30.57	18.41	2.47	27.05
PK	406.36M	26.90	46.00	-19.10	-3.34	3	Vertical	360	1.00	-	30.24	21.40	3.03	27.77
PK	763.32M	33.05	46.00	-12.95	1.41	3	Vertical	360	1.00	-	31.64	25.00	4.35	27.94
PK	934.04M	37.76	46.00	-8.24	3.41	3	Vertical	360	1.00	-	34.35	25.84	4.87	27.30

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_Adapter

13/09/2020



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.88M	35.60	40.00	-4.40	-4.92	3	Horizontal	0	1.00	-	40.52	21.26	0.78	26.96
PK	88.2M	22.70	43.50	-20.80	-12.70	3	Horizontal	0	1.00	-	35.40	13.74	1.36	27.80
PK	241.46M	22.47	46.00	-23.53	-8.11	3	Horizontal	0	1.00	-	30.58	16.63	2.35	27.09
PK	396.66M	26.59	46.00	-19.41	-3.83	3	Horizontal	0	1.00	-	30.42	20.88	2.99	27.70
PK	763.32M	32.86	46.00	-13.14	1.41	3	Horizontal	0	1.00	-	31.45	25.00	4.35	27.94
PK	934.04M	38.55	46.00	-7.45	3.41	3	Horizontal	0	1.00	-	35.14	25.84	4.87	27.30

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	5.15G	53.41	54.00	-0.59	3	Horizontal	0	2.60	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.82	54.00	-0.18	3	Horizontal	214	2.99	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1496G	53.91	54.00	-0.09	3	Horizontal	338	2.63	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.149G	53.77	54.00	-0.23	3	Horizontal	220	1.00	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	AV	5.35G	53.95	54.00	-0.05	3	Horizontal	356	2.94	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.93	54.00	-0.07	3	Vertical	247	1.09	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3508G	53.39	54.00	-0.61	3	Horizontal	216	1.00	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.357G	53.81	54.00	-0.19	3	Horizontal	166	1.01	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	PK	5.7256G	68.03	68.20	-0.17	3	Horizontal	353	2.86	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.4676G	68.03	68.20	-0.17	3	Vertical	250	1.14	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.733G	68.02	68.20	-0.18	3	Vertical	120	2.66	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.468G	67.84	68.20	-0.36	3	Horizontal	165	1.03	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	PK	5.6418G	60.09	68.20	-8.11	3	Horizontal	1	1.26	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	66.46	68.35	-1.89	3	Vertical	126	2.72	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.6446G	67.64	68.20	-0.56	3	Horizontal	161	1.22	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	67.83	68.35	-0.52	3	Vertical	124	2.47	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	51.17	54.00	-2.83	3	Vertical	97	2.94	-
5180MHz	Pass	AV	5.1808G	97.27	Inf	-Inf	3	Vertical	97	2.94	-
5180MHz	Pass	PK	5.1476G	69.74	74.00	-4.26	3	Vertical	97	2.94	-
5180MHz	Pass	PK	5.1786G	107.94	Inf	-Inf	3	Vertical	97	2.94	-
5180MHz	Pass	AV	5.1496G	52.02	54.00	-1.98	3	Horizontal	329	2.67	-
5180MHz	Pass	AV	5.1806G	98.88	Inf	-Inf	3	Horizontal	329	2.67	-
5180MHz	Pass	PK	5.1498G	73.36	74.00	-0.64	3	Horizontal	329	2.67	-
5180MHz	Pass	PK	5.18G	110.81	Inf	-Inf	3	Horizontal	329	2.67	-
5180MHz	Pass	PK	10.36038G	54.94	68.20	-13.26	3	Vertical	58	1.00	-
5180MHz	Pass	PK	10.36016G	55.06	68.20	-13.14	3	Horizontal	273	1.49	-
5200MHz	Pass	AV	5.1496G	52.66	54.00	-1.34	3	Vertical	32	1.26	-
5200MHz	Pass	AV	5.2008G	97.46	Inf	-Inf	3	Vertical	32	1.26	-
5200MHz	Pass	PK	5.1496G	67.32	74.00	-6.68	3	Vertical	32	1.26	-
5200MHz	Pass	PK	5.1976G	108.52	Inf	-Inf	3	Vertical	32	1.26	-
5200MHz	Pass	AV	5.15G	53.41	54.00	-0.59	3	Horizontal	0	2.60	-
5200MHz	Pass	AV	5.1992G	100.08	Inf	-Inf	3	Horizontal	0	2.60	-
5200MHz	Pass	PK	5.1484G	69.68	74.00	-4.32	3	Horizontal	0	2.60	-
5200MHz	Pass	PK	5.1976G	112.10	Inf	-Inf	3	Horizontal	0	2.60	-
5200MHz	Pass	PK	10.39682G	55.55	68.20	-12.65	3	Vertical	287	2.05	-
5200MHz	Pass	PK	10.40546G	55.46	68.20	-12.74	3	Horizontal	306	2.48	-
5240MHz	Pass	AV	5.15G	50.34	54.00	-3.66	3	Vertical	113	1.05	-
5240MHz	Pass	AV	5.2394G	102.64	Inf	-Inf	3	Vertical	113	1.05	-
5240MHz	Pass	AV	5.35G	45.52	54.00	-8.48	3	Vertical	113	1.05	-
5240MHz	Pass	PK	5.1494G	63.12	74.00	-10.88	3	Vertical	113	1.05	-
5240MHz	Pass	PK	5.2382G	113.08	Inf	-Inf	3	Vertical	113	1.05	-
5240MHz	Pass	PK	5.3504G	58.70	74.00	-15.30	3	Vertical	113	1.05	-
5240MHz	Pass	AV	5.15G	50.98	54.00	-3.02	3	Horizontal	0	3.00	-
5240MHz	Pass	AV	5.2394G	103.12	Inf	-Inf	3	Horizontal	0	3.00	-
5240MHz	Pass	AV	5.3504G	45.74	54.00	-8.26	3	Horizontal	0	3.00	-
5240MHz	Pass	PK	5.15G	65.88	74.00	-8.12	3	Horizontal	0	3.00	-
5240MHz	Pass	PK	5.2418G	113.92	Inf	-Inf	3	Horizontal	0	3.00	-
5240MHz	Pass	PK	5.351G	58.70	74.00	-15.30	3	Horizontal	0	3.00	-
5240MHz	Pass	PK	10.48408G	55.71	68.20	-12.49	3	Vertical	213	1.17	-
5240MHz	Pass	PK	10.47838G	55.21	68.20	-12.99	3	Horizontal	256	2.03	-
5260MHz	Pass	AV	5.15G	46.46	54.00	-7.54	3	Vertical	115	1.24	-
5260MHz	Pass	AV	5.2606G	101.90	Inf	-Inf	3	Vertical	115	1.24	-
5260MHz	Pass	AV	5.35G	47.36	54.00	-6.64	3	Vertical	115	1.24	-
5260MHz	Pass	PK	5.1388G	58.78	74.00	-15.22	3	Vertical	115	1.24	-
5260MHz	Pass	PK	5.26G	112.41	Inf	-Inf	3	Vertical	115	1.24	-
5260MHz	Pass	PK	5.3512G	59.65	74.00	-14.35	3	Vertical	115	1.24	-
5260MHz	Pass	AV	5.15G	47.10	54.00	-6.90	3	Horizontal	334	2.53	-
5260MHz	Pass	AV	5.2594G	103.40	Inf	-Inf	3	Horizontal	334	2.53	-
5260MHz	Pass	AV	5.35G	48.24	54.00	-5.76	3	Horizontal	334	2.53	-
5260MHz	Pass	PK	5.15G	60.50	74.00	-13.50	3	Horizontal	334	2.53	-
5260MHz	Pass	PK	5.2612G	114.46	Inf	-Inf	3	Horizontal	334	2.53	-
5260MHz	Pass	PK	5.3506G	60.24	74.00	-13.76	3	Horizontal	334	2.53	-
5260MHz	Pass	PK	10.5275G	55.96	68.20	-12.24	3	Vertical	57	1.88	-
5260MHz	Pass	PK	10.53164G	55.87	68.20	-12.33	3	Horizontal	252	1.00	-
5300MHz	Pass	AV	5.2992G	97.48	Inf	-Inf	3	Vertical	34	2.69	-
5300MHz	Pass	AV	5.35G	49.42	54.00	-4.58	3	Vertical	34	2.69	-
5300MHz	Pass	PK	5.3012G	107.80	Inf	-Inf	3	Vertical	34	2.69	-
5300MHz	Pass	PK	5.35G	63.95	74.00	-10.05	3	Vertical	34	2.69	-
5300MHz	Pass	AV	5.2992G	99.34	Inf	-Inf	3	Horizontal	0	2.84	-
5300MHz	Pass	AV	5.35G	53.08	54.00	-0.92	3	Horizontal	0	2.84	-
5300MHz	Pass	PK	5.3G	110.64	Inf	-Inf	3	Horizontal	0	2.84	-
5300MHz	Pass	PK	5.3536G	68.11	74.00	-5.89	3	Horizontal	0	2.84	-
5300MHz	Pass	AV	10.60756G	41.80	54.00	-12.20	3	Vertical	333	1.74	-
5300MHz	Pass	PK	10.61404G	55.83	74.00	-18.17	3	Vertical	333	1.74	-
5300MHz	Pass	AV	10.61176G	41.81	54.00	-12.19	3	Horizontal	49	1.10	-
5300MHz	Pass	PK	10.60912G	55.47	74.00	-18.53	3	Horizontal	49	1.10	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3208G	96.76	Inf	-Inf	3	Vertical	29	2.29	-
5320MHz	Pass	AV	5.3502G	51.75	54.00	-2.25	3	Vertical	29	2.29	-
5320MHz	Pass	PK	5.323G	107.23	Inf	-Inf	3	Vertical	29	2.29	-
5320MHz	Pass	PK	5.3504G	69.35	74.00	-4.65	3	Vertical	29	2.29	-
5320MHz	Pass	AV	5.3196G	98.18	Inf	-Inf	3	Horizontal	356	2.94	-
5320MHz	Pass	AV	5.35G	53.95	54.00	-0.05	3	Horizontal	356	2.94	-
5320MHz	Pass	PK	5.3192G	109.42	Inf	-Inf	3	Horizontal	356	2.94	-
5320MHz	Pass	PK	5.352G	72.07	74.00	-1.93	3	Horizontal	356	2.94	-
5320MHz	Pass	AV	10.65392G	42.09	54.00	-11.91	3	Vertical	114	1.33	-
5320MHz	Pass	PK	10.64762G	55.58	74.00	-18.42	3	Vertical	114	1.33	-
5320MHz	Pass	AV	10.6532G	42.16	54.00	-11.84	3	Horizontal	45	1.59	-
5320MHz	Pass	PK	10.6439G	55.84	74.00	-18.16	3	Horizontal	45	1.59	-
5500MHz	Pass	AV	5.4538G	44.57	54.00	-9.43	3	Vertical	226	2.63	-
5500MHz	Pass	AV	5.5006G	94.14	Inf	-Inf	3	Vertical	226	2.63	-
5500MHz	Pass	PK	5.4686G	67.52	68.20	-0.68	3	Vertical	226	2.63	-
5500MHz	Pass	PK	5.5G	106.16	Inf	-Inf	3	Vertical	226	2.63	-
5500MHz	Pass	AV	5.4596G	45.06	54.00	-8.94	3	Horizontal	355	3.00	-
5500MHz	Pass	AV	5.5008G	95.17	Inf	-Inf	3	Horizontal	355	3.00	-
5500MHz	Pass	PK	5.4642G	67.98	68.20	-0.22	3	Horizontal	355	3.00	-
5500MHz	Pass	PK	5.498G	106.35	Inf	-Inf	3	Horizontal	355	3.00	-
5500MHz	Pass	AV	10.99712G	42.76	54.00	-11.24	3	Vertical	49	1.45	-
5500MHz	Pass	PK	11.00618G	57.25	74.00	-16.75	3	Vertical	49	1.45	-
5500MHz	Pass	AV	10.99454G	42.70	54.00	-11.30	3	Horizontal	285	2.56	-
5500MHz	Pass	PK	11.00426G	56.13	74.00	-17.87	3	Horizontal	285	2.56	-
5580MHz	Pass	AV	5.46G	45.69	54.00	-8.31	3	Vertical	255	1.17	-
5580MHz	Pass	AV	5.5788G	103.30	Inf	-Inf	3	Vertical	255	1.17	-
5580MHz	Pass	PK	5.469G	58.39	68.20	-9.81	3	Vertical	255	1.17	-
5580MHz	Pass	PK	5.5794G	113.84	Inf	-Inf	3	Vertical	255	1.17	-
5580MHz	Pass	PK	5.7258G	56.29	68.20	-11.91	3	Vertical	255	1.17	-
5580MHz	Pass	AV	5.46G	46.01	54.00	-7.99	3	Horizontal	10	2.76	-
5580MHz	Pass	AV	5.5788G	105.00	Inf	-Inf	3	Horizontal	10	2.76	-
5580MHz	Pass	PK	5.4666G	61.62	68.20	-6.58	3	Horizontal	10	2.76	-
5580MHz	Pass	PK	5.5776G	116.37	Inf	-Inf	3	Horizontal	10	2.76	-
5580MHz	Pass	PK	5.73G	57.17	68.20	-11.03	3	Horizontal	10	2.76	-
5580MHz	Pass	AV	11.16126G	42.25	54.00	-11.75	3	Vertical	240	1.93	-
5580MHz	Pass	PK	11.17494G	56.76	74.00	-17.24	3	Vertical	240	1.93	-
5580MHz	Pass	AV	11.16474G	42.24	54.00	-11.76	3	Horizontal	14	1.10	-
5580MHz	Pass	PK	11.1687G	56.01	74.00	-17.99	3	Horizontal	14	1.10	-
5700MHz	Pass	AV	5.6992G	96.88	Inf	-Inf	3	Vertical	254	1.12	-
5700MHz	Pass	PK	5.7012G	107.04	Inf	-Inf	3	Vertical	254	1.12	-
5700MHz	Pass	PK	5.7256G	67.66	68.20	-0.54	3	Vertical	254	1.12	-
5700MHz	Pass	AV	5.6996G	97.00	Inf	-Inf	3	Horizontal	353	2.86	-
5700MHz	Pass	PK	5.6984G	107.44	Inf	-Inf	3	Horizontal	353	2.86	-
5700MHz	Pass	PK	5.7256G	68.03	68.20	-0.17	3	Horizontal	353	2.86	-
5700MHz	Pass	AV	11.4075G	42.21	54.00	-11.79	3	Vertical	300	1.94	-
5700MHz	Pass	PK	11.39148G	56.34	74.00	-17.66	3	Vertical	300	1.94	-
5700MHz	Pass	AV	11.38722G	42.25	54.00	-11.75	3	Horizontal	169	2.17	-
5700MHz	Pass	PK	11.39706G	55.63	74.00	-18.37	3	Horizontal	169	2.17	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	43.71	54.00	-10.29	3	Vertical	269	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	103.40	Inf	-Inf	3	Vertical	269	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.91	68.20	-11.29	3	Vertical	269	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	113.54	Inf	-Inf	3	Vertical	269	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9144G	58.18	68.20	-10.02	3	Vertical	269	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.42	54.00	-8.58	3	Horizontal	353	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	103.32	Inf	-Inf	3	Horizontal	353	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	57.55	68.20	-10.65	3	Horizontal	353	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	113.74	Inf	-Inf	3	Horizontal	353	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9804G	59.41	68.20	-8.79	3	Horizontal	353	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44912G	42.29	54.00	-11.71	3	Vertical	170	1.25	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43322G	56.03	74.00	-17.97	3	Vertical	170	1.25	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.45164G	42.29	54.00	-11.71	3	Horizontal	193	1.88	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43628G	56.01	74.00	-17.99	3	Horizontal	193	1.88	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	5.745G	103.20	Inf	-Inf	3	Vertical	254	1.00	-
5745MHz	Pass	PK	5.6502G	60.11	68.35	-8.24	3	Vertical	254	1.00	-
5745MHz	Pass	PK	5.7462G	113.65	Inf	-Inf	3	Vertical	254	1.00	-
5745MHz	Pass	PK	5.9262G	57.41	68.20	-10.79	3	Vertical	254	1.00	-
5745MHz	Pass	AV	5.7438G	101.64	Inf	-Inf	3	Horizontal	1	1.26	-
5745MHz	Pass	PK	5.6418G	60.09	68.20	-8.11	3	Horizontal	1	1.26	-
5745MHz	Pass	PK	5.7462G	112.41	Inf	-Inf	3	Horizontal	1	1.26	-
5745MHz	Pass	PK	5.9382G	57.54	68.20	-10.66	3	Horizontal	1	1.26	-
5745MHz	Pass	AV	11.49648G	42.58	54.00	-11.42	3	Vertical	274	1.13	-
5745MHz	Pass	PK	11.49324G	56.68	74.00	-17.32	3	Vertical	274	1.13	-
5745MHz	Pass	AV	11.49636G	42.80	54.00	-11.20	3	Horizontal	243	2.19	-
5745MHz	Pass	PK	11.49762G	56.75	74.00	-17.25	3	Horizontal	243	2.19	-
5785MHz	Pass	AV	5.7862G	105.68	Inf	-Inf	3	Vertical	255	1.15	-
5785MHz	Pass	PK	5.5702G	57.41	68.20	-10.79	3	Vertical	255	1.15	-
5785MHz	Pass	PK	5.7862G	115.94	Inf	-Inf	3	Vertical	255	1.15	-
5785MHz	Pass	PK	5.9314G	58.92	68.20	-9.28	3	Vertical	255	1.15	-
5785MHz	Pass	AV	5.7838G	102.78	Inf	-Inf	3	Horizontal	14	2.68	-
5785MHz	Pass	PK	5.5294G	57.76	68.20	-10.44	3	Horizontal	14	2.68	-
5785MHz	Pass	PK	5.7838G	113.52	Inf	-Inf	3	Horizontal	14	2.68	-
5785MHz	Pass	PK	5.9458G	58.43	68.20	-9.77	3	Horizontal	14	2.68	-
5785MHz	Pass	AV	11.55554G	42.61	54.00	-11.39	3	Vertical	151	1.08	-
5785MHz	Pass	PK	11.58134G	56.40	74.00	-17.60	3	Vertical	151	1.08	-
5785MHz	Pass	AV	11.55776G	42.58	54.00	-11.42	3	Horizontal	359	2.26	-
5785MHz	Pass	PK	11.56898G	56.24	74.00	-17.76	3	Horizontal	359	2.26	-
5825MHz	Pass	AV	5.8238G	106.51	Inf	-Inf	3	Vertical	255	1.00	-
5825MHz	Pass	PK	5.5946G	57.06	68.20	-11.14	3	Vertical	255	1.00	-
5825MHz	Pass	PK	5.8262G	116.66	Inf	-Inf	3	Vertical	255	1.00	-
5825MHz	Pass	PK	5.9966G	58.95	68.20	-9.25	3	Vertical	255	1.00	-
5825MHz	Pass	AV	5.8238G	102.26	Inf	-Inf	3	Horizontal	0	1.50	-
5825MHz	Pass	PK	5.5802G	57.52	68.20	-10.68	3	Horizontal	0	1.50	-
5825MHz	Pass	PK	5.8274G	112.62	Inf	-Inf	3	Horizontal	0	1.50	-
5825MHz	Pass	PK	6.1022G	58.57	68.20	-9.63	3	Horizontal	0	1.50	-
5825MHz	Pass	AV	11.65708G	42.01	54.00	-11.99	3	Vertical	180	1.34	-
5825MHz	Pass	PK	11.66458G	55.58	74.00	-18.42	3	Vertical	180	1.34	-
5825MHz	Pass	AV	11.63668G	42.01	54.00	-11.99	3	Horizontal	293	2.18	-
5825MHz	Pass	PK	11.65828G	55.86	74.00	-18.14	3	Horizontal	293	2.18	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	52.61	54.00	-1.39	3	Vertical	57	1.26	-
5180MHz	Pass	AV	5.1792G	96.66	Inf	-Inf	3	Vertical	57	1.26	-
5180MHz	Pass	PK	5.1492G	72.12	74.00	-1.88	3	Vertical	57	1.26	-
5180MHz	Pass	PK	5.1812G	110.15	Inf	-Inf	3	Vertical	57	1.26	-
5180MHz	Pass	AV	5.1494G	53.63	54.00	-0.37	3	Horizontal	170	1.41	-
5180MHz	Pass	AV	5.1812G	96.77	Inf	-Inf	3	Horizontal	170	1.41	-
5180MHz	Pass	PK	5.1488G	72.10	74.00	-1.90	3	Horizontal	170	1.41	-
5180MHz	Pass	PK	5.1812G	111.11	Inf	-Inf	3	Horizontal	170	1.41	-
5180MHz	Pass	PK	10.36246G	55.35	68.20	-12.85	3	Vertical	205	1.06	-
5180MHz	Pass	PK	10.3495G	55.78	68.20	-12.42	3	Horizontal	24	1.12	-
5200MHz	Pass	AV	5.1496G	53.00	54.00	-1.00	3	Vertical	233	1.72	-
5200MHz	Pass	AV	5.2004G	99.61	Inf	-Inf	3	Vertical	233	1.72	-
5200MHz	Pass	PK	5.1496G	68.99	74.00	-5.01	3	Vertical	233	1.72	-
5200MHz	Pass	PK	5.1984G	112.67	Inf	-Inf	3	Vertical	233	1.72	-
5200MHz	Pass	AV	5.15G	53.42	54.00	-0.58	3	Horizontal	171	1.41	-
5200MHz	Pass	AV	5.2012G	101.01	Inf	-Inf	3	Horizontal	171	1.41	-
5200MHz	Pass	PK	5.15G	68.37	74.00	-5.63	3	Horizontal	171	1.41	-
5200MHz	Pass	PK	5.1984G	113.78	Inf	-Inf	3	Horizontal	171	1.41	-
5200MHz	Pass	PK	10.4111G	56.01	68.20	-12.19	3	Vertical	154	1.34	-
5200MHz	Pass	PK	10.3928G	55.52	68.20	-12.68	3	Horizontal	243	1.43	-
5240MHz	Pass	AV	5.1494G	52.56	54.00	-1.44	3	Vertical	115	2.77	-
5240MHz	Pass	AV	5.2394G	104.89	Inf	-Inf	3	Vertical	115	2.77	-
5240MHz	Pass	AV	5.35G	49.60	54.00	-4.40	3	Vertical	115	2.77	-
5240MHz	Pass	PK	5.1476G	70.48	74.00	-3.52	3	Vertical	115	2.77	-
5240MHz	Pass	PK	5.2394G	118.45	Inf	-Inf	3	Vertical	115	2.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.351G	67.10	74.00	-6.90	3	Vertical	115	2.77	-
5240MHz	Pass	AV	5.15G	53.82	54.00	-0.18	3	Horizontal	214	2.99	-
5240MHz	Pass	AV	5.2406G	101.73	Inf	-Inf	3	Horizontal	214	2.99	-
5240MHz	Pass	AV	5.3504G	50.29	54.00	-3.71	3	Horizontal	214	2.99	-
5240MHz	Pass	PK	5.141G	69.93	74.00	-4.07	3	Horizontal	214	2.99	-
5240MHz	Pass	PK	5.2406G	113.34	Inf	-Inf	3	Horizontal	214	2.99	-
5240MHz	Pass	PK	5.3558G	66.28	74.00	-7.72	3	Horizontal	214	2.99	-
5240MHz	Pass	PK	10.47652G	56.67	68.20	-11.53	3	Vertical	338	2.06	-
5240MHz	Pass	PK	10.48342G	55.33	68.20	-12.87	3	Horizontal	315	1.50	-
5260MHz	Pass	AV	5.149G	49.56	54.00	-4.44	3	Vertical	124	2.90	-
5260MHz	Pass	AV	5.2594G	104.09	Inf	-Inf	3	Vertical	124	2.90	-
5260MHz	Pass	AV	5.35G	49.22	54.00	-4.78	3	Vertical	124	2.90	-
5260MHz	Pass	PK	5.1466G	62.98	74.00	-11.02	3	Vertical	124	2.90	-
5260MHz	Pass	PK	5.2594G	117.58	Inf	-Inf	3	Vertical	124	2.90	-
5260MHz	Pass	PK	5.3512G	61.47	74.00	-12.53	3	Vertical	124	2.90	-
5260MHz	Pass	AV	5.149G	49.75	54.00	-4.25	3	Horizontal	347	2.99	-
5260MHz	Pass	AV	5.2588G	104.07	Inf	-Inf	3	Horizontal	347	2.99	-
5260MHz	Pass	AV	5.3512G	51.61	54.00	-2.39	3	Horizontal	347	2.99	-
5260MHz	Pass	PK	5.149G	63.77	74.00	-10.23	3	Horizontal	347	2.99	-
5260MHz	Pass	PK	5.2636G	117.21	Inf	-Inf	3	Horizontal	347	2.99	-
5260MHz	Pass	PK	5.3536G	65.38	74.00	-8.62	3	Horizontal	347	2.99	-
5260MHz	Pass	PK	10.52138G	55.79	68.20	-12.41	3	Vertical	38	2.18	-
5260MHz	Pass	PK	10.5326G	56.06	68.20	-12.14	3	Horizontal	314	2.31	-
5300MHz	Pass	AV	5.3004G	101.24	Inf	-Inf	3	Vertical	250	1.14	-
5300MHz	Pass	AV	5.3504G	53.76	54.00	-0.24	3	Vertical	250	1.14	-
5300MHz	Pass	PK	5.3004G	113.54	Inf	-Inf	3	Vertical	250	1.14	-
5300MHz	Pass	PK	5.3504G	70.07	74.00	-3.93	3	Vertical	250	1.14	-
5300MHz	Pass	AV	5.3012G	99.53	Inf	-Inf	3	Horizontal	193	1.01	-
5300MHz	Pass	AV	5.3512G	50.72	54.00	-3.28	3	Horizontal	193	1.01	-
5300MHz	Pass	PK	5.2988G	111.99	Inf	-Inf	3	Horizontal	193	1.01	-
5300MHz	Pass	PK	5.3564G	64.67	74.00	-9.33	3	Horizontal	193	1.01	-
5300MHz	Pass	AV	10.60672G	42.19	54.00	-11.81	3	Vertical	49	1.59	-
5300MHz	Pass	PK	10.61236G	55.62	74.00	-18.38	3	Vertical	49	1.59	-
5300MHz	Pass	AV	10.6105G	42.09	54.00	-11.91	3	Horizontal	195	1.61	-
5300MHz	Pass	PK	10.59868G	55.69	68.20	-12.51	3	Horizontal	195	1.61	-
5320MHz	Pass	AV	5.3204G	99.97	Inf	-Inf	3	Vertical	247	1.09	-
5320MHz	Pass	AV	5.35G	53.93	54.00	-0.07	3	Vertical	247	1.09	-
5320MHz	Pass	PK	5.318G	114.20	Inf	-Inf	3	Vertical	247	1.09	-
5320MHz	Pass	PK	5.3506G	72.72	74.00	-1.28	3	Vertical	247	1.09	-
5320MHz	Pass	AV	5.321G	97.83	Inf	-Inf	3	Horizontal	355	1.02	-
5320MHz	Pass	AV	5.3508G	52.17	54.00	-1.83	3	Horizontal	355	1.02	-
5320MHz	Pass	PK	5.3214G	110.15	Inf	-Inf	3	Horizontal	355	1.02	-
5320MHz	Pass	PK	5.3512G	71.31	74.00	-2.69	3	Horizontal	355	1.02	-
5320MHz	Pass	AV	10.63892G	42.31	54.00	-11.69	3	Vertical	305	2.15	-
5320MHz	Pass	PK	10.63928G	56.52	74.00	-17.48	3	Vertical	305	2.15	-
5320MHz	Pass	AV	10.6463G	42.32	54.00	-11.68	3	Horizontal	9	1.43	-
5320MHz	Pass	PK	10.65134G	55.94	74.00	-18.06	3	Horizontal	9	1.43	-
5500MHz	Pass	AV	5.4598G	45.12	54.00	-8.88	3	Vertical	250	1.14	-
5500MHz	Pass	AV	5.5004G	96.72	Inf	-Inf	3	Vertical	250	1.14	-
5500MHz	Pass	PK	5.4676G	68.03	68.20	-0.17	3	Vertical	250	1.14	-
5500MHz	Pass	PK	5.5006G	109.79	Inf	-Inf	3	Vertical	250	1.14	-
5500MHz	Pass	AV	5.4588G	44.82	54.00	-9.18	3	Horizontal	352	1.07	-
5500MHz	Pass	AV	5.501G	94.54	Inf	-Inf	3	Horizontal	352	1.07	-
5500MHz	Pass	PK	5.4688G	67.09	68.20	-1.11	3	Horizontal	352	1.07	-
5500MHz	Pass	PK	5.4988G	107.51	Inf	-Inf	3	Horizontal	352	1.07	-
5500MHz	Pass	AV	10.98956G	42.89	54.00	-11.11	3	Vertical	179	1.12	-
5500MHz	Pass	PK	11.01488G	56.47	74.00	-17.53	3	Vertical	179	1.12	-
5500MHz	Pass	AV	11.00258G	42.93	54.00	-11.07	3	Horizontal	81	1.16	-
5500MHz	Pass	PK	11.01248G	56.28	74.00	-17.72	3	Horizontal	81	1.16	-
5580MHz	Pass	AV	5.4594G	48.16	54.00	-5.84	3	Vertical	120	2.63	-
5580MHz	Pass	AV	5.5794G	106.23	Inf	-Inf	3	Vertical	120	2.63	-
5580MHz	Pass	PK	5.4612G	62.40	68.20	-5.80	3	Vertical	120	2.63	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.5794G	118.50	Inf	-Inf	3	Vertical	120	2.63	-
5580MHz	Pass	PK	5.7282G	59.25	68.20	-8.95	3	Vertical	120	2.63	-
5580MHz	Pass	AV	5.4588G	47.50	54.00	-6.50	3	Horizontal	332	1.16	-
5580MHz	Pass	AV	5.5794G	104.26	Inf	-Inf	3	Horizontal	332	1.16	-
5580MHz	Pass	PK	5.469G	60.87	68.20	-7.33	3	Horizontal	332	1.16	-
5580MHz	Pass	PK	5.5818G	115.59	Inf	-Inf	3	Horizontal	332	1.16	-
5580MHz	Pass	PK	5.7258G	56.84	68.20	-11.36	3	Horizontal	332	1.16	-
5580MHz	Pass	AV	11.16126G	42.46	54.00	-11.54	3	Vertical	253	2.29	-
5580MHz	Pass	PK	11.16444G	56.22	74.00	-17.78	3	Vertical	253	2.29	-
5580MHz	Pass	AV	11.16768G	42.48	54.00	-11.52	3	Horizontal	106	2.08	-
5580MHz	Pass	PK	11.16318G	56.13	74.00	-17.87	3	Horizontal	106	2.08	-
5700MHz	Pass	AV	5.6992G	96.87	Inf	-Inf	3	Vertical	198	1.00	-
5700MHz	Pass	PK	5.702G	109.24	Inf	-Inf	3	Vertical	198	1.00	-
5700MHz	Pass	PK	5.7272G	67.70	68.20	-0.50	3	Vertical	198	1.00	-
5700MHz	Pass	AV	5.6992G	97.25	Inf	-Inf	3	Horizontal	70	1.09	-
5700MHz	Pass	PK	5.6972G	108.51	Inf	-Inf	3	Horizontal	70	1.09	-
5700MHz	Pass	PK	5.7268G	67.84	68.20	-0.36	3	Horizontal	70	1.09	-
5700MHz	Pass	AV	11.40642G	42.59	54.00	-11.41	3	Vertical	136	1.10	-
5700MHz	Pass	PK	11.409G	56.44	74.00	-17.56	3	Vertical	136	1.10	-
5700MHz	Pass	AV	11.41092G	42.61	54.00	-11.39	3	Horizontal	100	1.37	-
5700MHz	Pass	PK	11.40738G	56.00	74.00	-18.00	3	Horizontal	100	1.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4224G	44.48	54.00	-9.52	3	Vertical	125	2.64	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	115.60	Inf	-Inf	3	Vertical	125	2.64	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	57.90	68.20	-10.30	3	Vertical	125	2.64	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.72G	129.01	Inf	-Inf	3	Vertical	125	2.64	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.852G	67.66	68.20	-0.54	3	Vertical	125	2.64	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4512G	44.13	54.00	-9.87	3	Horizontal	333	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	112.01	Inf	-Inf	3	Horizontal	333	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	56.67	68.20	-11.53	3	Horizontal	333	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	124.42	Inf	-Inf	3	Horizontal	333	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	62.28	68.20	-5.92	3	Horizontal	333	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.45374G	42.76	54.00	-11.24	3	Vertical	263	2.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.45146G	56.35	74.00	-17.65	3	Vertical	263	2.35	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4535G	42.71	54.00	-11.29	3	Horizontal	54	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43826G	57.07	74.00	-16.93	3	Horizontal	54	1.89	-
5745MHz	Pass	AV	5.7438G	106.08	Inf	-Inf	3	Vertical	126	2.72	-
5745MHz	Pass	PK	5.6502G	66.46	68.35	-1.89	3	Vertical	126	2.72	-
5745MHz	Pass	PK	5.7414G	118.80	Inf	-Inf	3	Vertical	126	2.72	-
5745MHz	Pass	PK	5.955G	58.24	68.20	-9.96	3	Vertical	126	2.72	-
5745MHz	Pass	AV	5.745G	101.65	Inf	-Inf	3	Horizontal	219	1.04	-
5745MHz	Pass	PK	5.6526G	65.46	70.12	-4.66	3	Horizontal	219	1.04	-
5745MHz	Pass	PK	5.7426G	114.19	Inf	-Inf	3	Horizontal	219	1.04	-
5745MHz	Pass	PK	5.9358G	58.47	68.20	-9.73	3	Horizontal	219	1.04	-
5745MHz	Pass	AV	11.49834G	43.15	54.00	-10.85	3	Vertical	300	1.59	-
5745MHz	Pass	PK	11.49876G	56.76	74.00	-17.24	3	Vertical	300	1.59	-
5745MHz	Pass	AV	11.49594G	43.18	54.00	-10.82	3	Horizontal	221	2.29	-
5745MHz	Pass	PK	11.47848G	56.50	74.00	-17.50	3	Horizontal	221	2.29	-
5785MHz	Pass	AV	5.7862G	104.28	Inf	-Inf	3	Vertical	253	1.17	-
5785MHz	Pass	PK	5.6266G	58.03	68.20	-10.17	3	Vertical	253	1.17	-
5785MHz	Pass	PK	5.7838G	116.20	Inf	-Inf	3	Vertical	253	1.17	-
5785MHz	Pass	PK	5.9302G	58.60	68.20	-9.60	3	Vertical	253	1.17	-
5785MHz	Pass	AV	5.7862G	101.29	Inf	-Inf	3	Horizontal	4	1.51	-
5785MHz	Pass	PK	5.6182G	57.96	68.20	-10.24	3	Horizontal	4	1.51	-
5785MHz	Pass	PK	5.7862G	113.24	Inf	-Inf	3	Horizontal	4	1.51	-
5785MHz	Pass	PK	6.0214G	58.17	68.20	-10.03	3	Horizontal	4	1.51	-
5785MHz	Pass	AV	11.56964G	43.01	54.00	-10.99	3	Vertical	349	1.59	-
5785MHz	Pass	PK	11.56274G	56.51	74.00	-17.49	3	Vertical	349	1.59	-
5785MHz	Pass	AV	11.55512G	43.04	54.00	-10.96	3	Horizontal	29	2.17	-
5785MHz	Pass	PK	11.56394G	56.56	74.00	-17.44	3	Horizontal	29	2.17	-
5825MHz	Pass	AV	5.8238G	98.20	Inf	-Inf	3	Vertical	135	2.68	-
5825MHz	Pass	PK	5.5886G	57.47	68.20	-10.73	3	Vertical	135	2.68	-
5825MHz	Pass	PK	5.8238G	109.95	Inf	-Inf	3	Vertical	135	2.68	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	6.0614G	58.63	68.20	-9.57	3	Vertical	135	2.68	-
5825MHz	Pass	AV	5.8262G	103.61	Inf	-Inf	3	Horizontal	161	1.10	-
5825MHz	Pass	PK	5.555G	57.49	68.20	-10.71	3	Horizontal	161	1.10	-
5825MHz	Pass	PK	5.8214G	115.26	Inf	-Inf	3	Horizontal	161	1.10	-
5825MHz	Pass	PK	5.9246G	60.68	68.50	-7.82	3	Horizontal	161	1.10	-
5825MHz	Pass	AV	11.63896G	42.48	54.00	-11.52	3	Vertical	70	1.74	-
5825MHz	Pass	PK	11.6641G	55.71	74.00	-18.29	3	Vertical	70	1.74	-
5825MHz	Pass	AV	11.63836G	42.54	54.00	-11.46	3	Horizontal	86	2.13	-
5825MHz	Pass	PK	11.63512G	56.72	74.00	-17.28	3	Horizontal	86	2.13	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1496G	53.89	54.00	-0.11	3	Vertical	110	2.67	-
5190MHz	Pass	AV	5.1848G	93.55	Inf	-Inf	3	Vertical	110	2.67	-
5190MHz	Pass	PK	5.1496G	69.66	74.00	-4.34	3	Vertical	110	2.67	-
5190MHz	Pass	PK	5.1972G	105.79	Inf	-Inf	3	Vertical	110	2.67	-
5190MHz	Pass	AV	5.15G	53.88	54.00	-0.12	3	Horizontal	358	2.51	-
5190MHz	Pass	AV	5.186G	90.56	Inf	-Inf	3	Horizontal	358	2.51	-
5190MHz	Pass	PK	5.1488G	70.39	74.00	-3.61	3	Horizontal	358	2.51	-
5190MHz	Pass	PK	5.1856G	102.82	Inf	-Inf	3	Horizontal	358	2.51	-
5190MHz	Pass	PK	10.38492G	55.77	68.20	-12.43	3	Vertical	67	2.24	-
5190MHz	Pass	PK	10.3761G	55.18	68.20	-13.02	3	Horizontal	301	1.11	-
5230MHz	Pass	AV	5.1496G	50.64	54.00	-3.36	3	Vertical	115	2.92	-
5230MHz	Pass	AV	5.2272G	95.04	Inf	-Inf	3	Vertical	115	2.92	-
5230MHz	Pass	PK	5.1484G	65.94	74.00	-8.06	3	Vertical	115	2.92	-
5230MHz	Pass	PK	5.232G	106.60	Inf	-Inf	3	Vertical	115	2.92	-
5230MHz	Pass	AV	5.1496G	53.91	54.00	-0.09	3	Horizontal	338	2.63	-
5230MHz	Pass	AV	5.232G	96.39	Inf	-Inf	3	Horizontal	338	2.63	-
5230MHz	Pass	PK	5.1488G	70.84	74.00	-3.16	3	Horizontal	338	2.63	-
5230MHz	Pass	PK	5.2292G	108.30	Inf	-Inf	3	Horizontal	338	2.63	-
5230MHz	Pass	PK	10.46438G	55.82	68.20	-12.38	3	Vertical	224	2.11	-
5230MHz	Pass	PK	10.4663G	55.95	68.20	-12.25	3	Horizontal	308	1.82	-
5270MHz	Pass	AV	5.2848G	97.02	Inf	-Inf	3	Vertical	211	1.49	-
5270MHz	Pass	AV	5.35G	53.34	54.00	-0.66	3	Vertical	211	1.49	-
5270MHz	Pass	PK	5.2848G	109.29	Inf	-Inf	3	Vertical	211	1.49	-
5270MHz	Pass	PK	5.3508G	68.83	74.00	-5.17	3	Vertical	211	1.49	-
5270MHz	Pass	AV	5.2836G	96.39	Inf	-Inf	3	Horizontal	354	1.49	-
5270MHz	Pass	AV	5.3516G	52.31	54.00	-1.69	3	Horizontal	354	1.49	-
5270MHz	Pass	PK	5.2716G	108.07	Inf	-Inf	3	Horizontal	354	1.49	-
5270MHz	Pass	PK	5.3624G	67.43	74.00	-6.57	3	Horizontal	354	1.49	-
5270MHz	Pass	PK	10.53622G	56.45	68.20	-11.75	3	Vertical	293	1.64	-
5270MHz	Pass	PK	10.53298G	55.85	68.20	-12.35	3	Horizontal	359	2.10	-
5310MHz	Pass	AV	5.3192G	92.85	Inf	-Inf	3	Vertical	214	1.49	-
5310MHz	Pass	AV	5.352G	53.00	54.00	-1.00	3	Vertical	214	1.49	-
5310MHz	Pass	PK	5.2944G	104.85	Inf	-Inf	3	Vertical	214	1.49	-
5310MHz	Pass	PK	5.3516G	67.56	74.00	-6.44	3	Vertical	214	1.49	-
5310MHz	Pass	AV	5.3208G	92.99	Inf	-Inf	3	Horizontal	216	1.00	-
5310MHz	Pass	AV	5.3508G	53.39	54.00	-0.61	3	Horizontal	216	1.00	-
5310MHz	Pass	PK	5.3136G	104.81	Inf	-Inf	3	Horizontal	216	1.00	-
5310MHz	Pass	PK	5.3508G	68.92	74.00	-5.08	3	Horizontal	216	1.00	-
5310MHz	Pass	AV	10.61376G	43.32	54.00	-10.68	3	Vertical	320	1.89	-
5310MHz	Pass	PK	10.63464G	55.56	74.00	-18.44	3	Vertical	320	1.89	-
5310MHz	Pass	AV	10.62858G	43.45	54.00	-10.55	3	Horizontal	23	1.98	-
5310MHz	Pass	PK	10.60554G	56.03	74.00	-17.97	3	Horizontal	23	1.98	-
5510MHz	Pass	AV	5.4592G	47.90	54.00	-6.10	3	Vertical	262	2.51	-
5510MHz	Pass	AV	5.514G	93.63	Inf	-Inf	3	Vertical	262	2.51	-
5510MHz	Pass	PK	5.4696G	66.93	68.20	-1.27	3	Vertical	262	2.51	-
5510MHz	Pass	PK	5.5088G	105.72	Inf	-Inf	3	Vertical	262	2.51	-
5510MHz	Pass	AV	5.4592G	48.24	54.00	-5.76	3	Horizontal	162	1.00	-
5510MHz	Pass	AV	5.5216G	92.76	Inf	-Inf	3	Horizontal	162	1.00	-
5510MHz	Pass	PK	5.4672G	67.98	68.20	-0.22	3	Horizontal	162	1.00	-
5510MHz	Pass	PK	5.5244G	104.62	Inf	-Inf	3	Horizontal	162	1.00	-
5510MHz	Pass	AV	11.02336G	43.77	54.00	-10.23	3	Vertical	232	2.20	-
5510MHz	Pass	PK	11.0239G	56.18	74.00	-17.82	3	Vertical	232	2.20	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	AV	11.03164G	44.04	54.00	-9.96	3	Horizontal	266	1.15	-
5510MHz	Pass	PK	11.01772G	56.50	74.00	-17.50	3	Horizontal	266	1.15	-
5550MHz	Pass	AV	5.4592G	49.24	54.00	-4.76	3	Vertical	120	2.79	-
5550MHz	Pass	AV	5.554G	98.22	Inf	-Inf	3	Vertical	120	2.79	-
5550MHz	Pass	PK	5.4684G	64.64	68.20	-3.56	3	Vertical	120	2.79	-
5550MHz	Pass	PK	5.5444G	110.78	Inf	-Inf	3	Vertical	120	2.79	-
5550MHz	Pass	AV	5.4592G	51.26	54.00	-2.74	3	Horizontal	161	1.00	-
5550MHz	Pass	AV	5.554G	97.50	Inf	-Inf	3	Horizontal	161	1.00	-
5550MHz	Pass	PK	5.4688G	67.77	68.20	-0.43	3	Horizontal	161	1.00	-
5550MHz	Pass	PK	5.534G	109.08	Inf	-Inf	3	Horizontal	161	1.00	-
5550MHz	Pass	AV	11.09148G	43.39	54.00	-10.61	3	Vertical	136	1.90	-
5550MHz	Pass	PK	11.09484G	55.72	74.00	-18.28	3	Vertical	136	1.90	-
5550MHz	Pass	AV	11.10882G	43.38	54.00	-10.62	3	Horizontal	165	1.28	-
5550MHz	Pass	PK	11.08752G	55.61	74.00	-18.39	3	Horizontal	165	1.28	-
5670MHz	Pass	AV	5.6766G	98.12	Inf	-Inf	3	Vertical	120	2.66	-
5670MHz	Pass	PK	5.6766G	110.16	Inf	-Inf	3	Vertical	120	2.66	-
5670MHz	Pass	PK	5.733G	68.02	68.20	-0.18	3	Vertical	120	2.66	-
5670MHz	Pass	AV	5.6766G	96.16	Inf	-Inf	3	Horizontal	162	1.00	-
5670MHz	Pass	PK	5.679G	108.23	Inf	-Inf	3	Horizontal	162	1.00	-
5670MHz	Pass	PK	5.7264G	67.85	68.20	-0.35	3	Horizontal	162	1.00	-
5670MHz	Pass	AV	11.3346G	43.65	54.00	-10.35	3	Vertical	360	2.87	-
5670MHz	Pass	PK	11.32758G	55.70	74.00	-18.30	3	Vertical	360	2.87	-
5670MHz	Pass	AV	11.33544G	43.82	54.00	-10.18	3	Horizontal	360	1.59	-
5670MHz	Pass	PK	11.32788G	56.43	74.00	-17.57	3	Horizontal	360	1.59	-
5755MHz	Pass	AV	5.7598G	100.26	Inf	-Inf	3	Vertical	117	2.72	-
5755MHz	Pass	PK	5.6434G	67.04	68.20	-1.16	3	Vertical	117	2.72	-
5755MHz	Pass	PK	5.7694G	112.16	Inf	-Inf	3	Vertical	117	2.72	-
5755MHz	Pass	PK	5.9302G	60.18	68.20	-8.02	3	Vertical	117	2.72	-
5755MHz	Pass	AV	5.7442G	99.11	Inf	-Inf	3	Horizontal	161	1.22	-
5755MHz	Pass	PK	5.6446G	67.64	68.20	-0.56	3	Horizontal	161	1.22	-
5755MHz	Pass	PK	5.7538G	110.72	Inf	-Inf	3	Horizontal	161	1.22	-
5755MHz	Pass	PK	5.9302G	59.48	68.20	-8.72	3	Horizontal	161	1.22	-
5755MHz	Pass	AV	11.5136G	44.28	54.00	-9.72	3	Vertical	189	2.88	-
5755MHz	Pass	PK	11.51348G	56.80	74.00	-17.20	3	Vertical	189	2.88	-
5755MHz	Pass	AV	11.51312G	44.14	54.00	-9.86	3	Horizontal	173	1.49	-
5755MHz	Pass	PK	11.5091G	57.29	74.00	-16.71	3	Horizontal	173	1.49	-
5795MHz	Pass	AV	5.7914G	101.09	Inf	-Inf	3	Vertical	125	2.26	-
5795MHz	Pass	PK	5.6462G	60.69	68.20	-7.51	3	Vertical	125	2.26	-
5795MHz	Pass	PK	5.7986G	112.20	Inf	-Inf	3	Vertical	125	2.26	-
5795MHz	Pass	PK	5.9234G	64.57	69.38	-4.81	3	Vertical	125	2.26	-
5795MHz	Pass	AV	5.789G	100.16	Inf	-Inf	3	Horizontal	166	1.00	-
5795MHz	Pass	PK	5.6498G	62.17	68.20	-6.03	3	Horizontal	166	1.00	-
5795MHz	Pass	PK	5.7914G	111.69	Inf	-Inf	3	Horizontal	166	1.00	-
5795MHz	Pass	PK	5.9246G	65.55	68.50	-2.95	3	Horizontal	166	1.00	-
5795MHz	Pass	AV	11.5999G	43.91	54.00	-10.09	3	Vertical	0	1.49	-
5795MHz	Pass	PK	11.60128G	56.37	74.00	-17.63	3	Vertical	0	1.49	-
5795MHz	Pass	AV	11.58478G	43.62	54.00	-10.38	3	Horizontal	326	1.48	-
5795MHz	Pass	PK	11.58964G	55.58	74.00	-18.42	3	Horizontal	326	1.48	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	52.93	54.00	-1.07	3	Vertical	113	2.66	-
5210MHz	Pass	AV	5.225G	90.02	Inf	-Inf	3	Vertical	113	2.66	-
5210MHz	Pass	AV	5.36G	47.20	54.00	-6.80	3	Vertical	113	2.66	-
5210MHz	Pass	PK	5.146G	67.69	74.00	-6.31	3	Vertical	113	2.66	-
5210MHz	Pass	PK	5.24G	100.98	Inf	-Inf	3	Vertical	113	2.66	-
5210MHz	Pass	PK	5.368G	61.95	74.00	-12.05	3	Vertical	113	2.66	-
5210MHz	Pass	AV	5.149G	53.77	54.00	-0.23	3	Horizontal	220	1.00	-
5210MHz	Pass	AV	5.226G	88.08	Inf	-Inf	3	Horizontal	220	1.00	-
5210MHz	Pass	AV	5.387G	46.61	54.00	-7.39	3	Horizontal	220	1.00	-
5210MHz	Pass	PK	5.146G	70.54	74.00	-3.46	3	Horizontal	220	1.00	-
5210MHz	Pass	PK	5.213G	100.54	Inf	-Inf	3	Horizontal	220	1.00	-
5210MHz	Pass	PK	5.387G	62.42	74.00	-11.58	3	Horizontal	220	1.00	-
5210MHz	Pass	PK	10.43308G	55.66	68.20	-12.54	3	Vertical	149	1.88	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	10.4233G	56.13	68.20	-12.07	3	Horizontal	354	1.94	-
5290MHz	Pass	AV	5.145G	48.42	54.00	-5.58	3	Vertical	123	2.16	-
5290MHz	Pass	AV	5.277G	90.94	Inf	-Inf	3	Vertical	123	2.16	-
5290MHz	Pass	AV	5.35G	53.55	54.00	-0.45	3	Vertical	123	2.16	-
5290MHz	Pass	PK	5.147G	63.48	74.00	-10.52	3	Vertical	123	2.16	-
5290MHz	Pass	PK	5.297G	103.94	Inf	-Inf	3	Vertical	123	2.16	-
5290MHz	Pass	PK	5.355G	67.59	74.00	-6.41	3	Vertical	123	2.16	-
5290MHz	Pass	AV	5.149G	48.76	54.00	-5.24	3	Horizontal	166	1.01	-
5290MHz	Pass	AV	5.306G	90.54	Inf	-Inf	3	Horizontal	166	1.01	-
5290MHz	Pass	AV	5.357G	53.81	54.00	-0.19	3	Horizontal	166	1.01	-
5290MHz	Pass	PK	5.149G	63.16	74.00	-10.84	3	Horizontal	166	1.01	-
5290MHz	Pass	PK	5.269G	102.63	Inf	-Inf	3	Horizontal	166	1.01	-
5290MHz	Pass	PK	5.352G	68.41	74.00	-5.59	3	Horizontal	166	1.01	-
5290MHz	Pass	PK	10.59086G	55.57	68.20	-12.63	3	Vertical	11	1.74	-
5290MHz	Pass	PK	10.56764G	55.86	68.20	-12.34	3	Horizontal	330	1.12	-
5530MHz	Pass	AV	5.457G	49.52	54.00	-4.48	3	Vertical	217	1.36	-
5530MHz	Pass	AV	5.537G	87.83	Inf	-Inf	3	Vertical	217	1.36	-
5530MHz	Pass	PK	5.469G	63.54	68.20	-4.66	3	Vertical	217	1.36	-
5530MHz	Pass	PK	5.562G	99.47	Inf	-Inf	3	Vertical	217	1.36	-
5530MHz	Pass	PK	5.727G	58.05	68.20	-10.15	3	Vertical	217	1.36	-
5530MHz	Pass	AV	5.46G	50.69	54.00	-3.31	3	Horizontal	165	1.03	-
5530MHz	Pass	AV	5.541G	89.91	Inf	-Inf	3	Horizontal	165	1.03	-
5530MHz	Pass	PK	5.468G	67.84	68.20	-0.36	3	Horizontal	165	1.03	-
5530MHz	Pass	PK	5.501G	101.99	Inf	-Inf	3	Horizontal	165	1.03	-
5530MHz	Pass	PK	5.771G	58.90	68.20	-9.30	3	Horizontal	165	1.03	-
5530MHz	Pass	AV	11.04824G	44.08	54.00	-9.92	3	Vertical	44	1.50	-
5530MHz	Pass	PK	11.0489G	56.14	74.00	-17.86	3	Vertical	44	1.50	-
5530MHz	Pass	AV	11.06888G	43.85	54.00	-10.15	3	Horizontal	33	2.43	-
5530MHz	Pass	PK	11.0543G	56.18	74.00	-17.82	3	Horizontal	33	2.43	-
5775MHz	Pass	AV	5.7846G	92.82	Inf	-Inf	3	Vertical	124	2.47	-
5775MHz	Pass	PK	5.6502G	67.83	68.35	-0.52	3	Vertical	124	2.47	-
5775MHz	Pass	PK	5.787G	104.12	Inf	-Inf	3	Vertical	124	2.47	-
5775MHz	Pass	PK	5.9334G	65.18	68.20	-3.02	3	Vertical	124	2.47	-
5775MHz	Pass	AV	5.7894G	91.11	Inf	-Inf	3	Horizontal	164	1.00	-
5775MHz	Pass	PK	5.649G	67.60	68.20	-0.60	3	Horizontal	164	1.00	-
5775MHz	Pass	PK	5.7618G	103.50	Inf	-Inf	3	Horizontal	164	1.00	-
5775MHz	Pass	PK	5.9346G	63.84	68.20	-4.36	3	Horizontal	164	1.00	-
5775MHz	Pass	AV	11.5626G	44.32	54.00	-9.68	3	Vertical	198	1.07	-
5775MHz	Pass	PK	11.55672G	57.04	74.00	-16.96	3	Vertical	198	1.07	-
5775MHz	Pass	AV	11.5368G	44.18	54.00	-9.82	3	Horizontal	300	1.55	-
5775MHz	Pass	PK	11.547G	56.41	74.00	-17.59	3	Horizontal	300	1.55	-

802.11a_Nss1,(6Mbps)_1TX(Port1)

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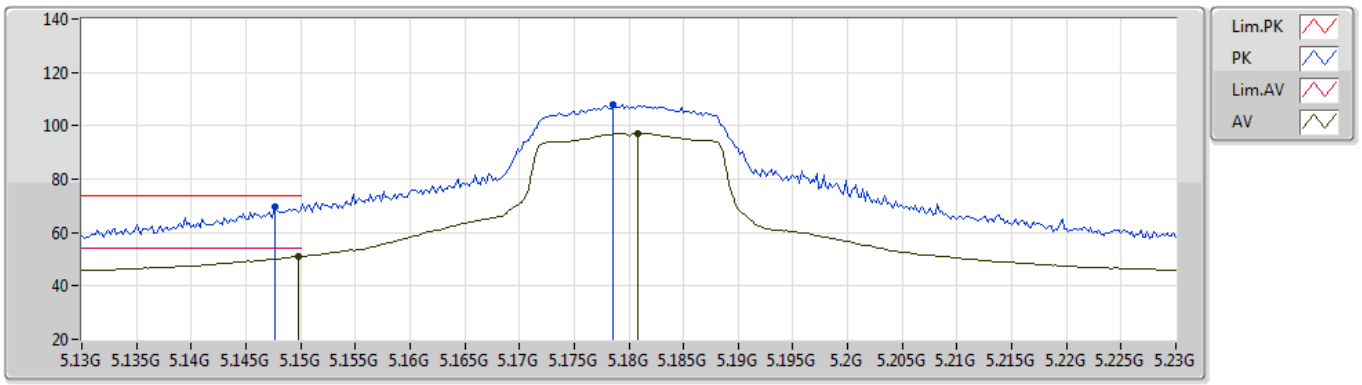
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1498G	51.17	54.00	-2.83	6.38	3	Vertical	97	2.94	-	44.79	31.70	8.52	33.84
AV	5.1808G	97.27	Inf	-Inf	6.29	3	Vertical	97	2.94	-	90.98	31.58	8.55	33.84
PK	5.1476G	69.74	74.00	-4.26	6.38	3	Vertical	97	2.94	-	63.36	31.70	8.52	33.84
PK	5.1786G	107.94	Inf	-Inf	6.30	3	Vertical	97	2.94	-	101.64	31.59	8.55	33.84

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

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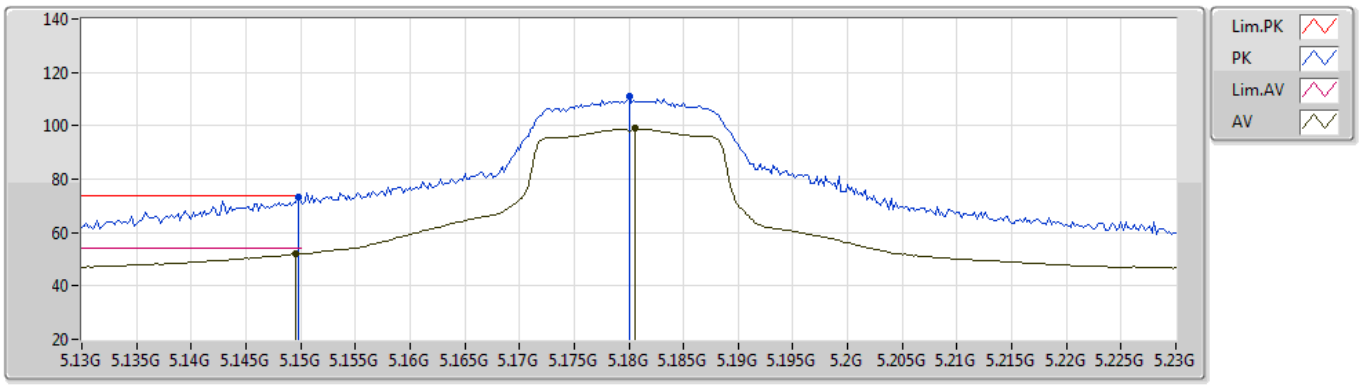

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	52.02	54.00	-1.98	6.38	3	Horizontal	329	2.67	-	45.64	31.70	8.52	33.84
AV	5.1806G	98.88	Inf	-Inf	6.29	3	Horizontal	329	2.67	-	92.59	31.58	8.55	33.84
PK	5.1498G	73.36	74.00	-0.64	6.38	3	Horizontal	329	2.67	-	66.98	31.70	8.52	33.84
PK	5.18G	110.81	Inf	-Inf	6.29	3	Horizontal	329	2.67	-	104.52	31.58	8.55	33.84

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

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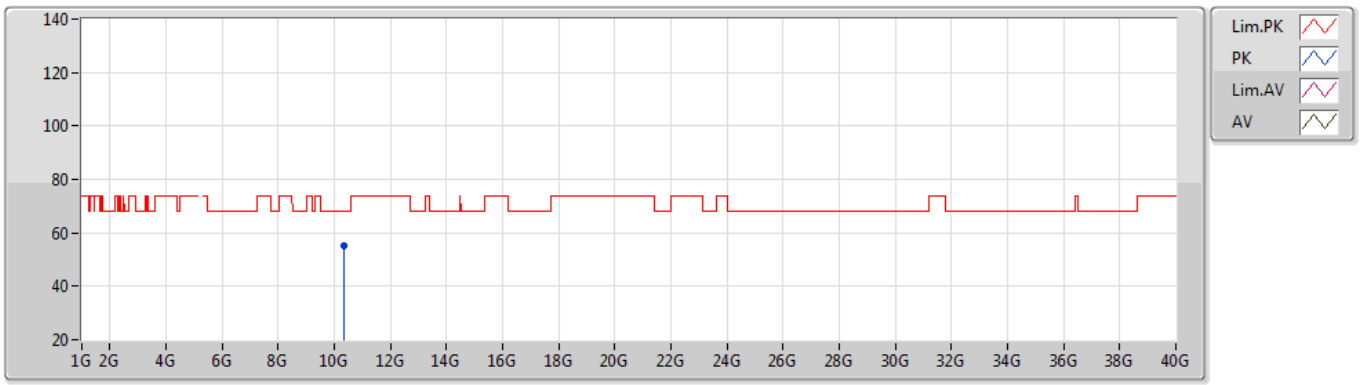
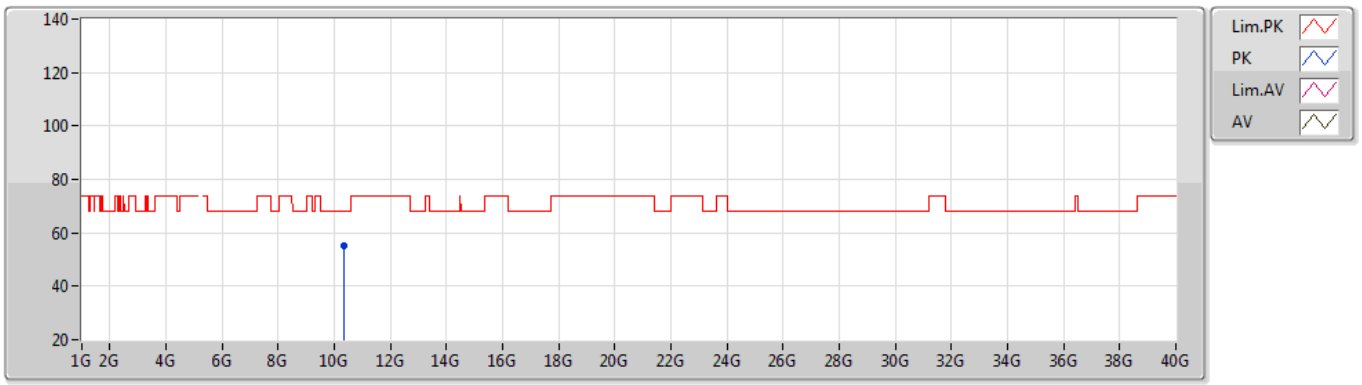


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36038G	54.94	68.20	-13.26	17.33	3	Vertical	58	1.00	-	37.61	39.38	12.18	34.23

802.11a_Nss1,(6Mbps)_1TX(Port1)

5180MHz_TX

12/09/2020

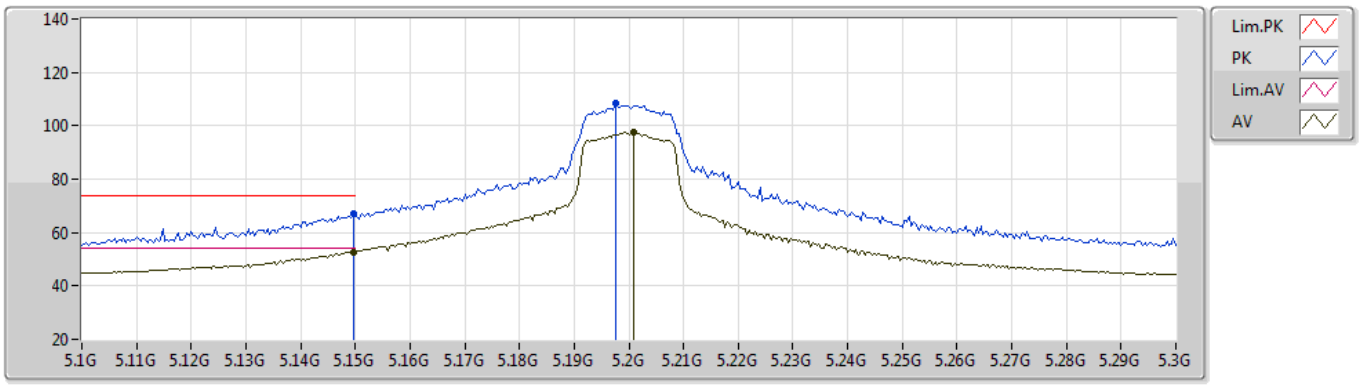


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36016G	55.06	68.20	-13.14	17.33	3	Horizontal	273	1.49	-	37.73	39.38	12.18	34.23

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

12/09/2020

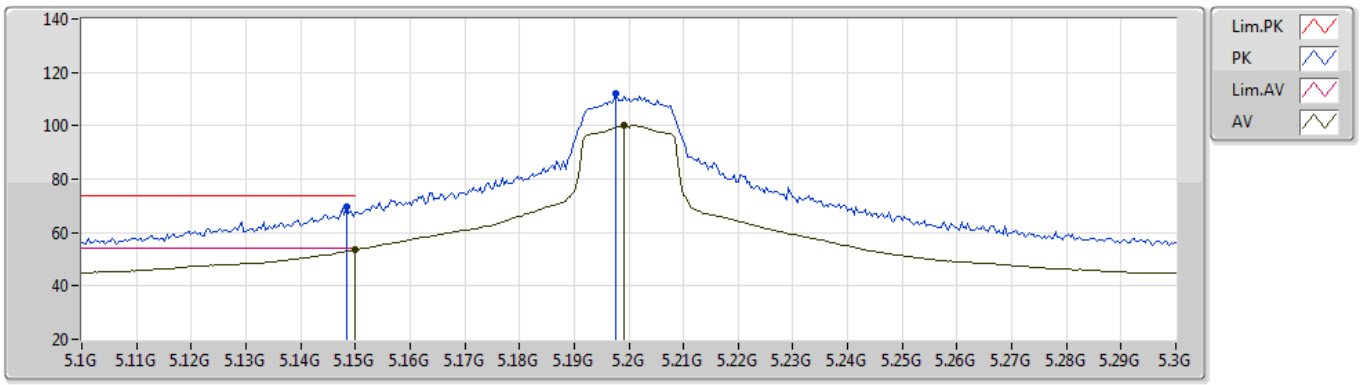


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	52.66	54.00	-1.34	6.38	3	Vertical	32	1.26	-	46.28	31.70	8.52	33.84
AV	5.2008G	97.46	Inf	-Inf	6.22	3	Vertical	32	1.26	-	91.24	31.50	8.57	33.85
PK	5.1496G	67.32	74.00	-6.68	6.38	3	Vertical	32	1.26	-	60.94	31.70	8.52	33.84
PK	5.1976G	108.52	Inf	-Inf	6.23	3	Vertical	32	1.26	-	102.29	31.51	8.57	33.85

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

12/09/2020

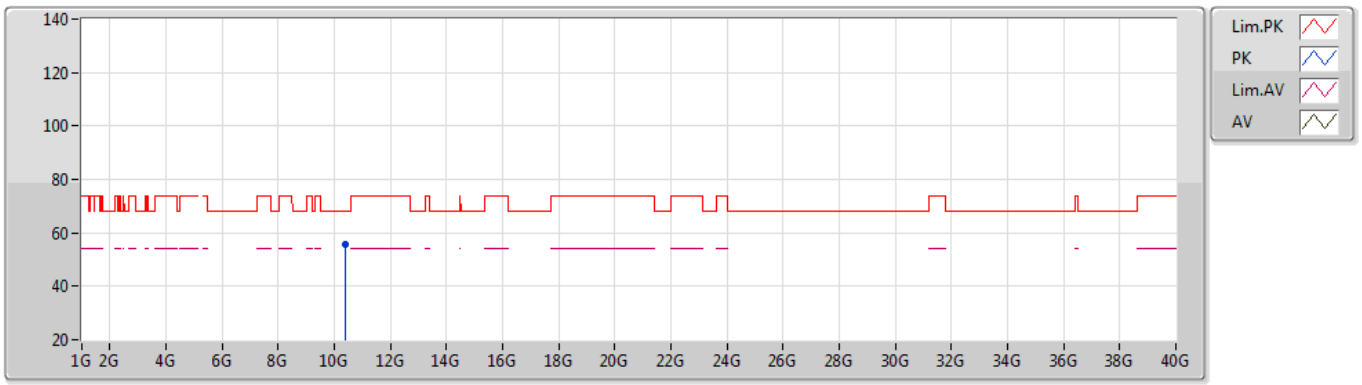


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	53.41	54.00	-0.59	6.38	3	Horizontal	0	2.60	-	47.03	31.70	8.52	33.84
AV	5.1992G	100.08	Inf	-Inf	6.22	3	Horizontal	0	2.60	-	93.86	31.50	8.57	33.85
PK	5.1484G	69.68	74.00	-4.32	6.38	3	Horizontal	0	2.60	-	63.30	31.70	8.52	33.84
PK	5.1976G	112.10	Inf	-Inf	6.23	3	Horizontal	0	2.60	-	105.87	31.51	8.57	33.85

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

12/09/2020

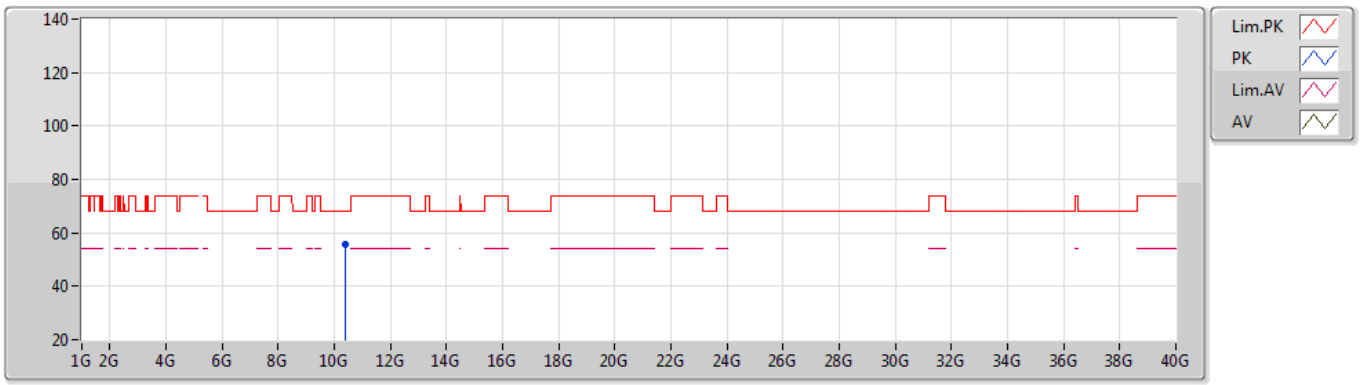


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.39682G	55.55	68.20	-12.65	17.49	3	Vertical	287	2.05	-	38.06	39.49	12.20	34.20

802.11a_Nss1,(6Mbps)_1TX(Port1)

5200MHz_TX

12/09/2020

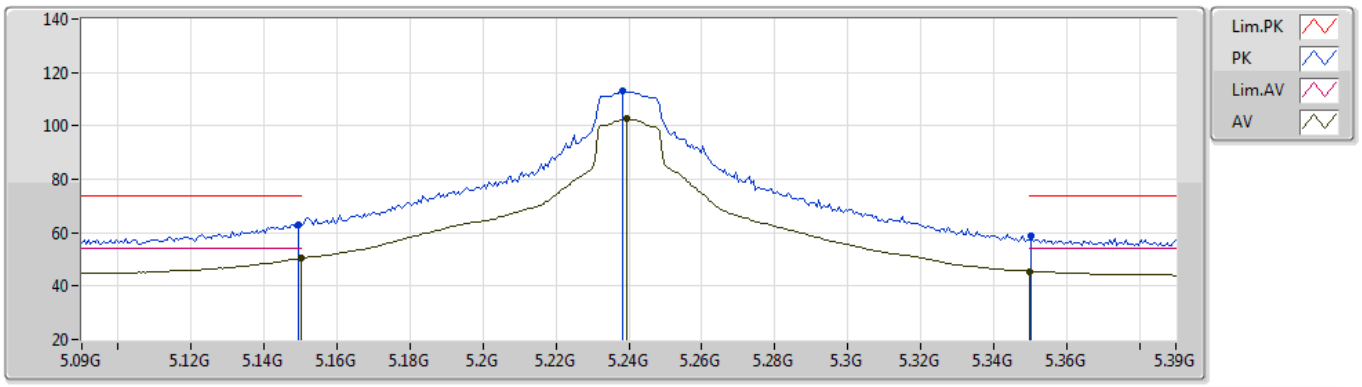


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.40546G	55.46	68.20	-12.74	17.52	3	Horizontal	306	2.48	-	37.94	39.51	12.20	34.19

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5240MHz_TX

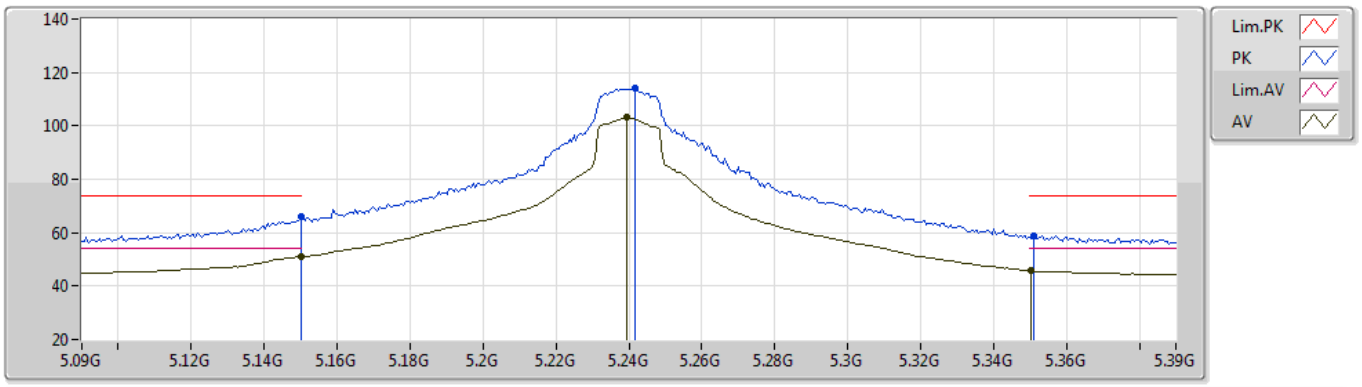


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	50.34	54.00	-3.66	6.38	3	Vertical	113	1.05	-	43.96	31.70	8.52	33.84
AV	5.2394G	102.64	Inf	-Inf	5.98	3	Vertical	113	1.05	-	96.66	31.26	8.58	33.86
AV	5.35G	45.52	54.00	-8.48	5.72	3	Vertical	113	1.05	-	39.80	31.00	8.60	33.88
PK	5.1494G	63.12	74.00	-10.88	6.38	3	Vertical	113	1.05	-	56.74	31.70	8.52	33.84
PK	5.2382G	113.08	Inf	-Inf	5.99	3	Vertical	113	1.05	-	107.09	31.27	8.58	33.86
PK	5.3504G	58.70	74.00	-15.30	5.72	3	Vertical	113	1.05	-	52.98	31.00	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5240MHz_TX

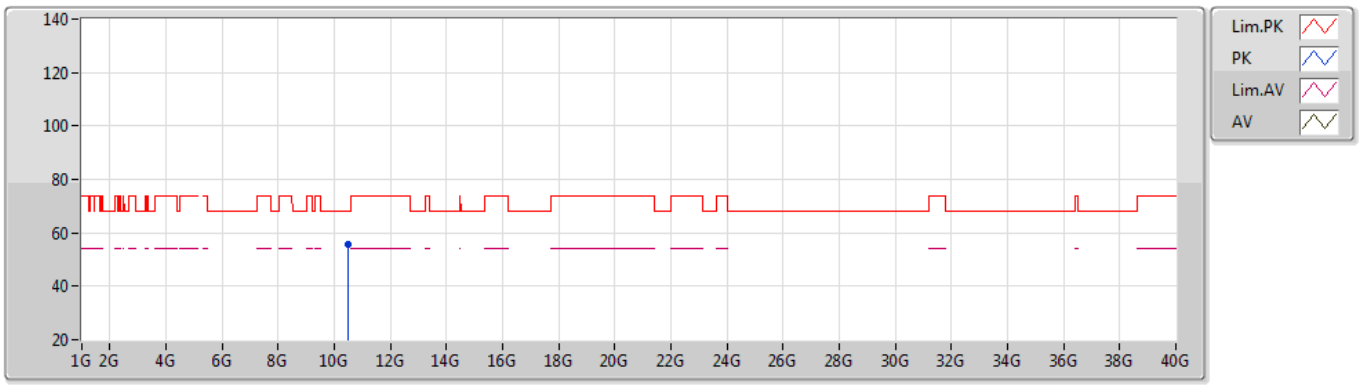


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	50.98	54.00	-3.02	6.38	3	Horizontal	0	3.00	-	44.60	31.70	8.52	33.84
AV	5.2394G	103.12	Inf	-Inf	5.98	3	Horizontal	0	3.00	-	97.14	31.26	8.58	33.86
AV	5.3504G	45.74	54.00	-8.26	5.72	3	Horizontal	0	3.00	-	40.02	31.00	8.60	33.88
PK	5.15G	65.88	74.00	-8.12	6.38	3	Horizontal	0	3.00	-	59.50	31.70	8.52	33.84
PK	5.2418G	113.92	Inf	-Inf	5.97	3	Horizontal	0	3.00	-	107.95	31.25	8.58	33.86
PK	5.351G	58.70	74.00	-15.30	5.73	3	Horizontal	0	3.00	-	52.97	31.01	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

12/09/2020

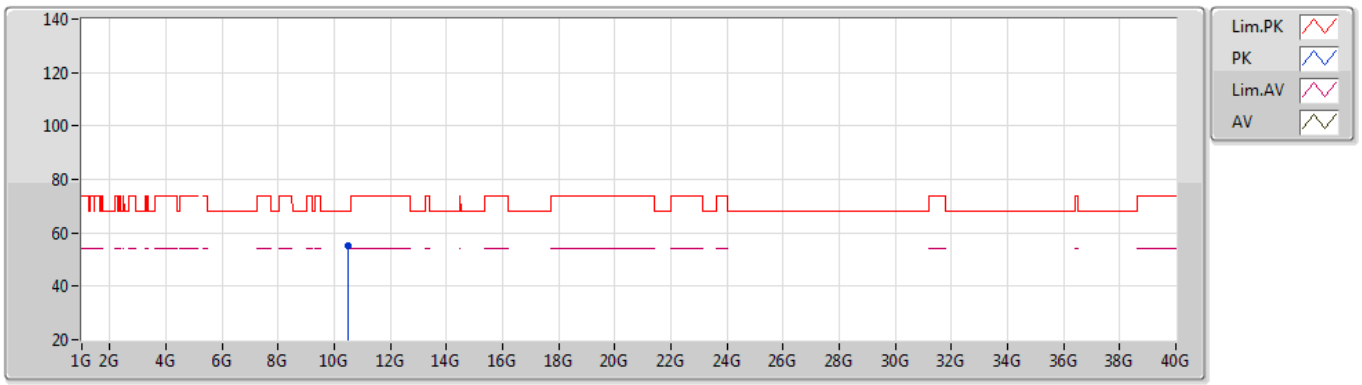


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.48408G	55.71	68.20	-12.49	17.79	3	Vertical	213	1.17	-	37.92	39.67	12.24	34.12

802.11a_Nss1,(6Mbps)_1TX(Port1)

5240MHz_TX

12/09/2020

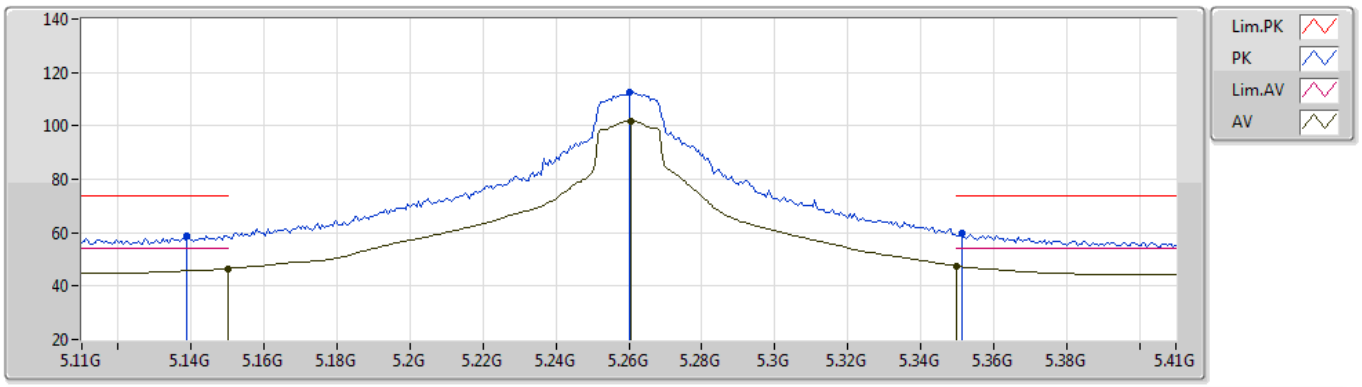


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47838G	55.21	68.20	-12.99	17.77	3	Horizontal	256	2.03	-	37.44	39.66	12.24	34.13

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5260MHz_TX

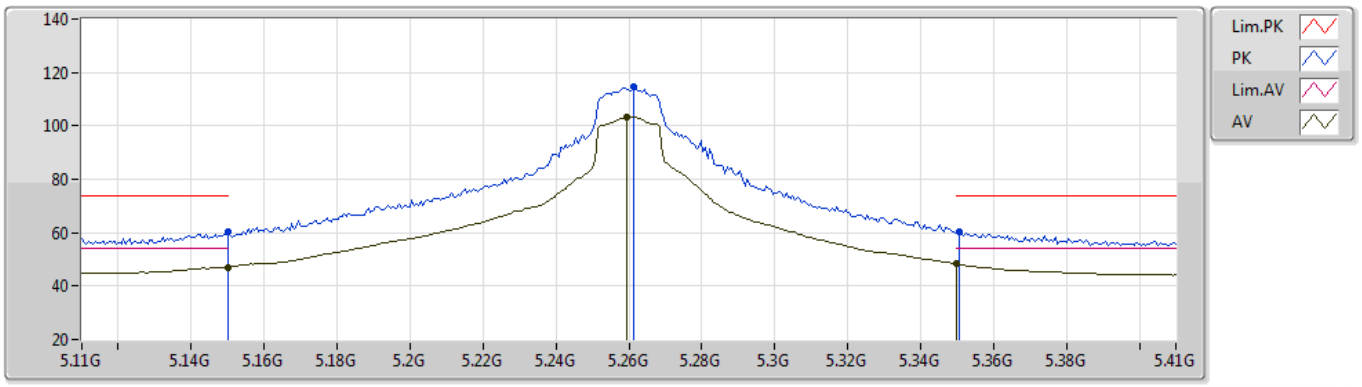


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.46	54.00	-7.54	6.38	3	Vertical	115	1.24	-	40.08	31.70	8.52	33.84
AV	5.2606G	101.90	Inf	-Inf	5.90	3	Vertical	115	1.24	-	96.00	31.18	8.58	33.86
AV	5.35G	47.36	54.00	-6.64	5.72	3	Vertical	115	1.24	-	41.64	31.00	8.60	33.88
PK	5.1388G	58.78	74.00	-15.22	6.38	3	Vertical	115	1.24	-	52.40	31.70	8.51	33.83
PK	5.26G	112.41	Inf	-Inf	5.90	3	Vertical	115	1.24	-	106.51	31.18	8.58	33.86
PK	5.3512G	59.65	74.00	-14.35	5.73	3	Vertical	115	1.24	-	53.92	31.01	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5260MHz_TX

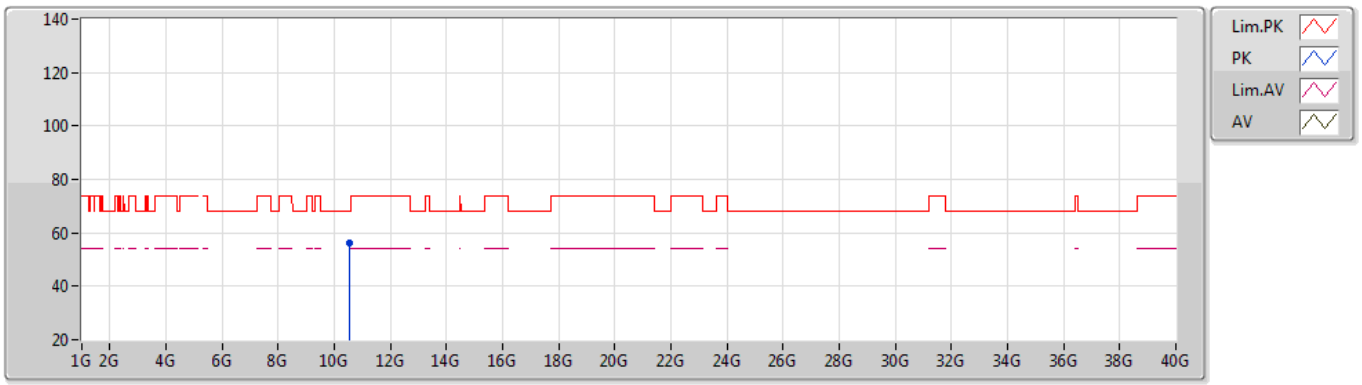


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	47.10	54.00	-6.90	6.38	3	Horizontal	334	2.53	-	40.72	31.70	8.52	33.84
AV	5.2594G	103.40	Inf	-Inf	5.90	3	Horizontal	334	2.53	-	97.50	31.18	8.58	33.86
AV	5.35G	48.24	54.00	-5.76	5.72	3	Horizontal	334	2.53	-	42.52	31.00	8.60	33.88
PK	5.15G	60.50	74.00	-13.50	6.38	3	Horizontal	334	2.53	-	54.12	31.70	8.52	33.84
PK	5.2612G	114.46	Inf	-Inf	5.90	3	Horizontal	334	2.53	-	108.56	31.18	8.58	33.86
PK	5.3506G	60.24	74.00	-13.76	5.72	3	Horizontal	334	2.53	-	54.52	31.00	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

12/09/2020

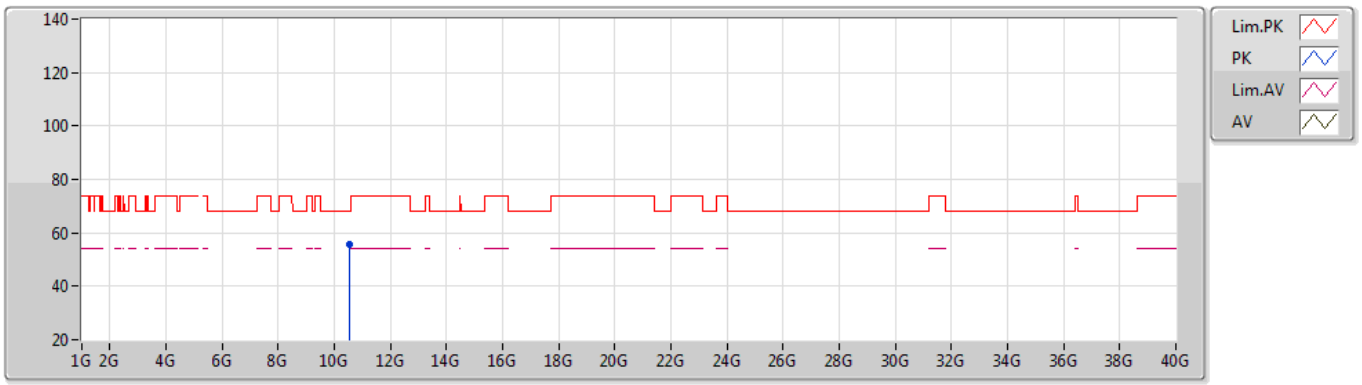


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5275G	55.96	68.20	-12.24	17.90	3	Vertical	57	1.88	-	38.06	39.73	12.27	34.10

802.11a_Nss1,(6Mbps)_1TX(Port1)

5260MHz_TX

12/09/2020

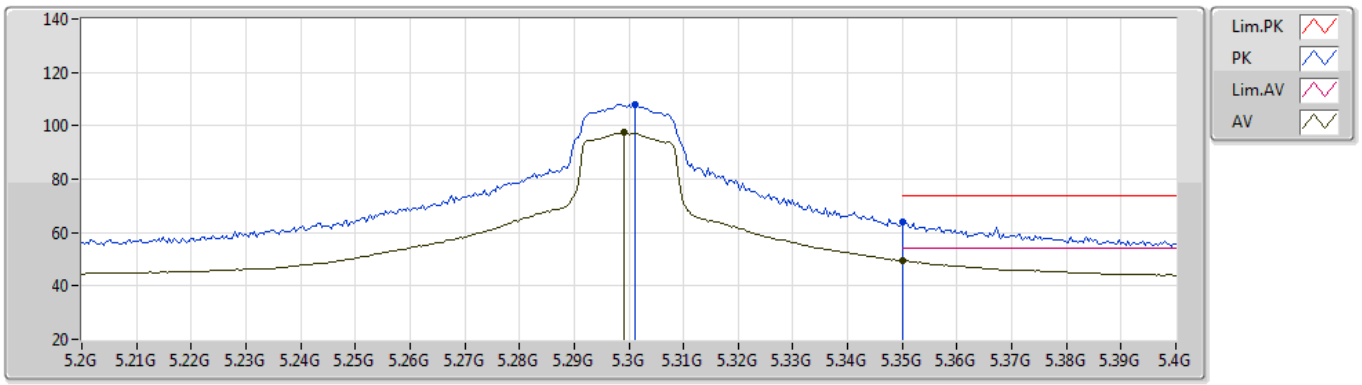


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.53164G	55.87	68.20	-12.33	17.91	3	Horizontal	252	1.00	-	37.96	39.73	12.27	34.09

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

12/09/2020

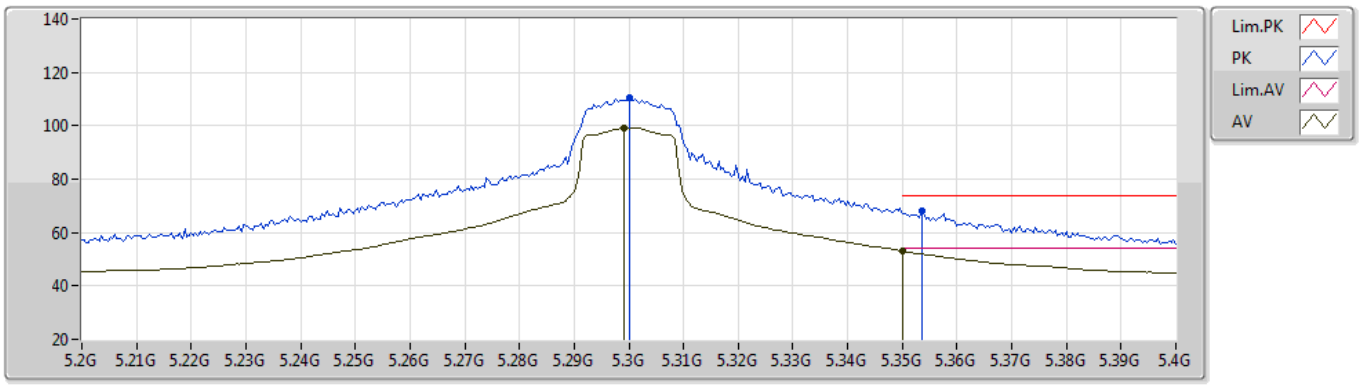


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	97.48	Inf	-Inf	5.82	3	Vertical	34	2.69	-	91.66	31.10	8.59	33.87
AV	5.35G	49.42	54.00	-4.58	5.72	3	Vertical	34	2.69	-	43.70	31.00	8.60	33.88
PK	5.3012G	107.80	Inf	-Inf	5.82	3	Vertical	34	2.69	-	101.98	31.10	8.59	33.87
PK	5.35G	63.95	74.00	-10.05	5.72	3	Vertical	34	2.69	-	58.23	31.00	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

12/09/2020

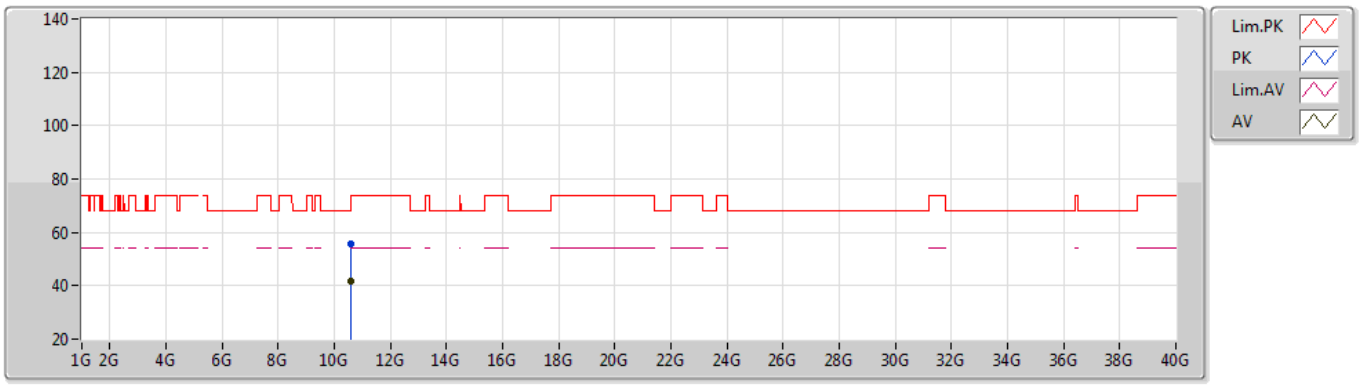


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2992G	99.34	Inf	-Inf	5.82	3	Horizontal	0	2.84	-	93.52	31.10	8.59	33.87
AV	5.35G	53.08	54.00	-0.92	5.72	3	Horizontal	0	2.84	-	47.36	31.00	8.60	33.88
PK	5.3G	110.64	Inf	-Inf	5.82	3	Horizontal	0	2.84	-	104.82	31.10	8.59	33.87
PK	5.3536G	68.11	74.00	-5.89	5.74	3	Horizontal	0	2.84	-	62.37	31.02	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

12/09/2020

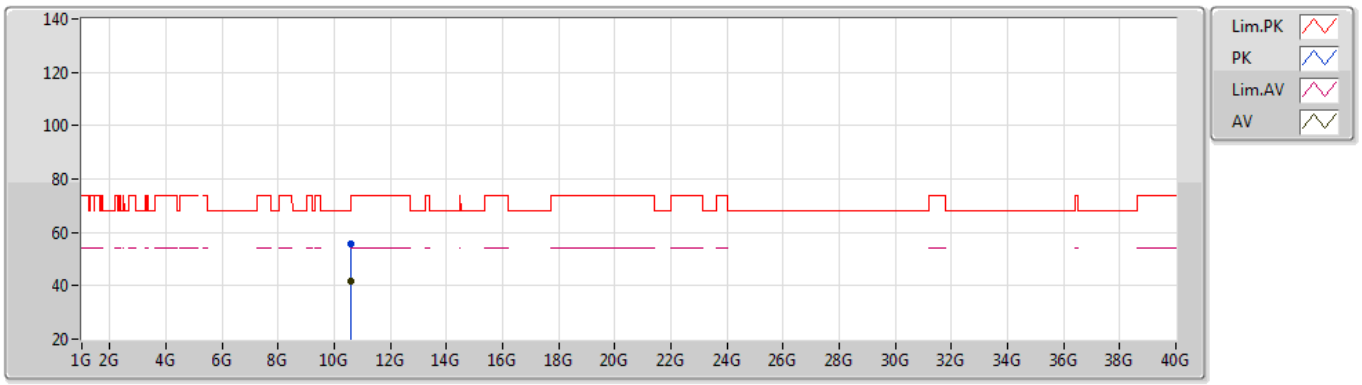


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60756G	41.80	54.00	-12.20	18.07	3	Vertical	333	1.74	-	23.73	39.81	12.31	34.05
PK	10.61404G	55.83	74.00	-18.17	18.07	3	Vertical	333	1.74	-	37.76	39.81	12.31	34.05

802.11a_Nss1,(6Mbps)_1TX(Port1)

5300MHz_TX

12/09/2020

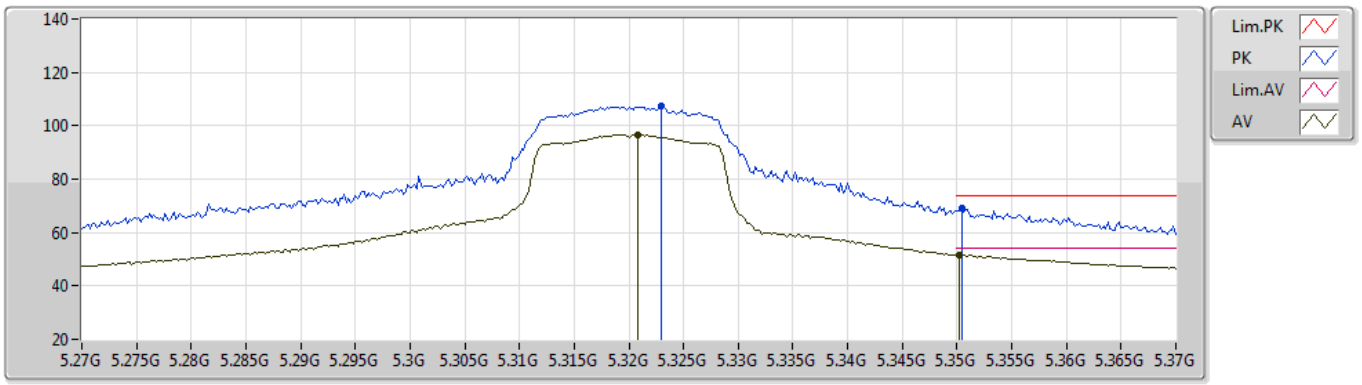


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61176G	41.81	54.00	-12.19	18.07	3	Horizontal	49	1.10	-	23.74	39.81	12.31	34.05
PK	10.60912G	55.47	74.00	-18.53	18.07	3	Horizontal	49	1.10	-	37.40	39.81	12.31	34.05

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5320MHz_TX

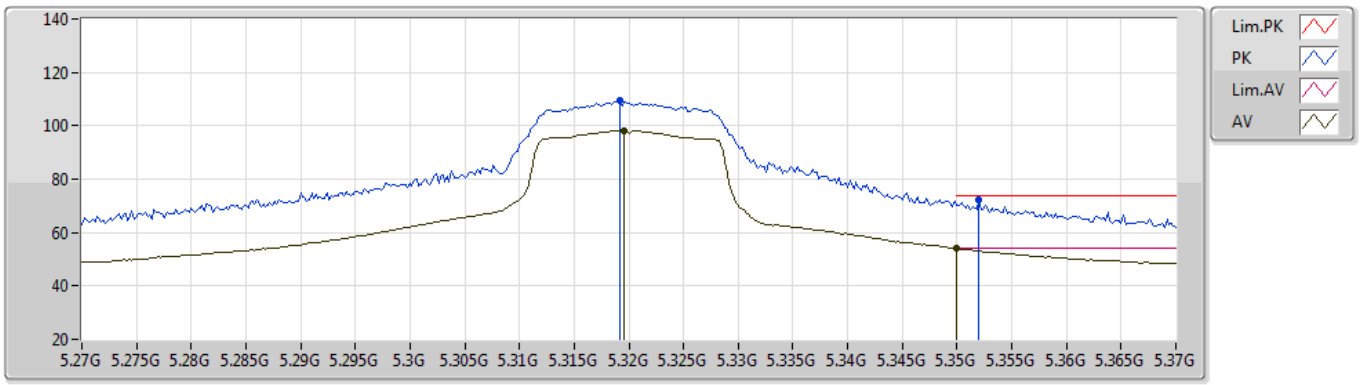


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3208G	96.76	Inf	-Inf	5.77	3	Vertical	29	2.29	-	90.99	31.06	8.59	33.88
AV	5.3502G	51.75	54.00	-2.25	5.72	3	Vertical	29	2.29	-	46.03	31.00	8.60	33.88
PK	5.323G	107.23	Inf	-Inf	5.76	3	Vertical	29	2.29	-	101.47	31.05	8.59	33.88
PK	5.3504G	69.35	74.00	-4.65	5.72	3	Vertical	29	2.29	-	63.63	31.00	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

12/09/2020

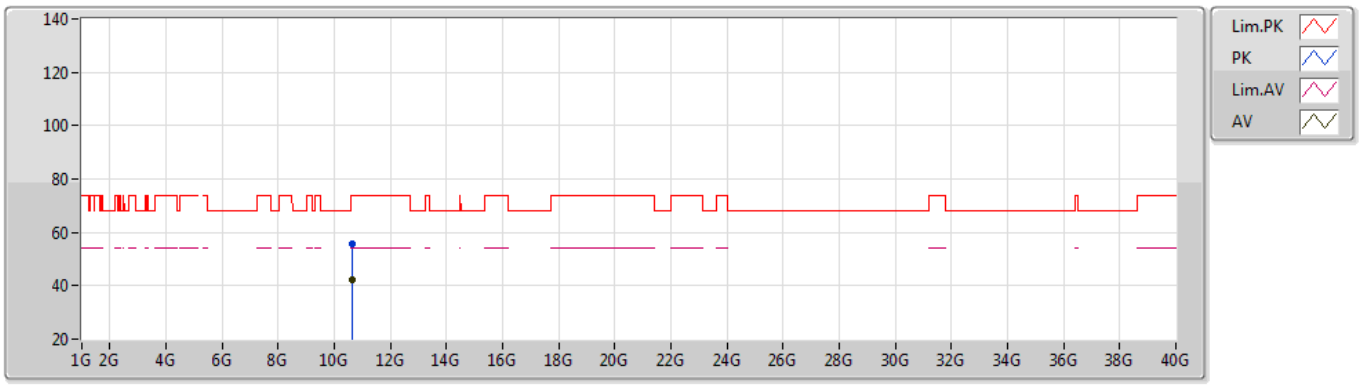


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3196G	98.18	Inf	-Inf	5.77	3	Horizontal	356	2.94	-	92.41	31.06	8.59	33.88
AV	5.35G	53.95	54.00	-0.05	5.72	3	Horizontal	356	2.94	-	48.23	31.00	8.60	33.88
PK	5.3192G	109.42	Inf	-Inf	5.77	3	Horizontal	356	2.94	-	103.65	31.06	8.59	33.88
PK	5.352G	72.07	74.00	-1.93	5.73	3	Horizontal	356	2.94	-	66.34	31.01	8.60	33.88

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

12/09/2020

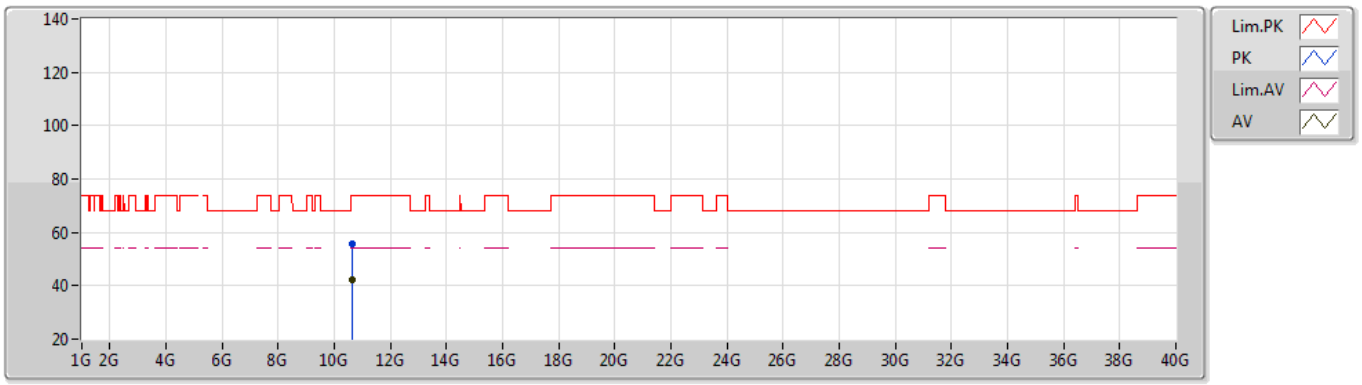


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.65392G	42.09	54.00	-11.91	18.15	3	Vertical	114	1.33	-	23.94	39.85	12.33	34.03
PK	10.64762G	55.58	74.00	-18.42	18.15	3	Vertical	114	1.33	-	37.43	39.85	12.33	34.03

802.11a_Nss1,(6Mbps)_1TX(Port1)

5320MHz_TX

12/09/2020

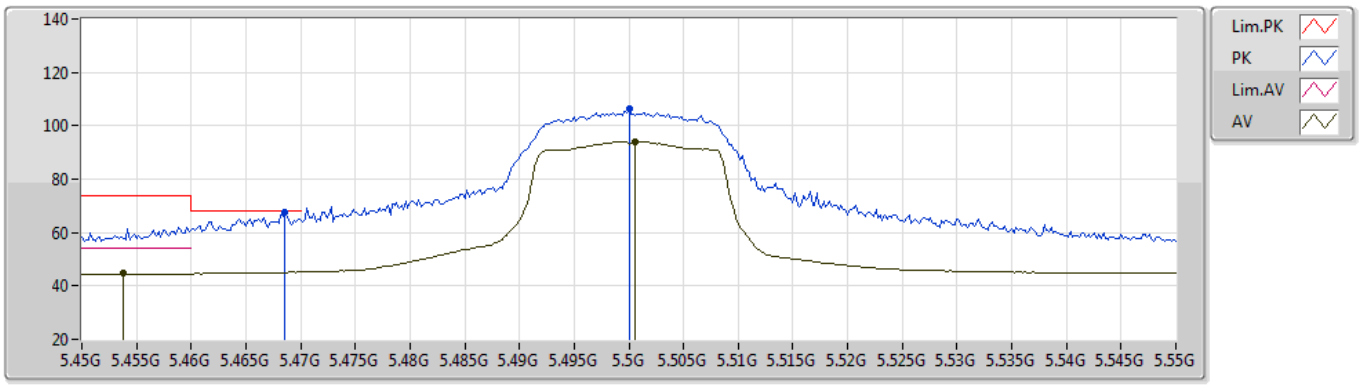


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6532G	42.16	54.00	-11.84	18.15	3	Horizontal	45	1.59	-	24.01	39.85	12.33	34.03
PK	10.6439G	55.84	74.00	-18.16	18.13	3	Horizontal	45	1.59	-	37.71	39.84	12.33	34.04

802.11a_Nss1,(6Mbps)_1TX(Port1)

12/09/2020

5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4538G	44.57	54.00	-9.43	6.39	3	Vertical	226	2.63	-	38.18	31.61	8.69	33.91
AV	5.5006G	94.14	Inf	-Inf	6.54	3	Vertical	226	2.63	-	87.60	31.70	8.76	33.92
PK	5.4686G	67.52	68.20	-0.68	6.44	3	Vertical	226	2.63	-	61.08	31.64	8.71	33.91
PK	5.5G	106.16	Inf	-Inf	6.53	3	Vertical	226	2.63	-	99.63	31.70	8.75	33.92