FCC Test Report

FCC ID	:	**HDC-W349E0**
Equipment	:	**WiFi6 11ax wireless module**
Brand Name	:	ADTRAN®
Model Name	:	**W349E0YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")**
Applicant	:	**Adtran** **901 Explorer Blvd., Huntsville, AL 35806, USA**
Manufacturer	:	**XAVi Technologies Corporation** **22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Oct. 29, 2020, and testing was started from Nov. 12, 2020 and completed on Dec. 07, 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR0O2750-01AN	01	Initial issue of report	Jan. 08, 2021

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

The EUT in the client mode it can support band 2 & 3, in the master mode it can support band 1 & 4.

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40) , ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- 160MHz channel and straddle channel can be used in the client mode only.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	PCB	I-PEX
2	-	-	PCB	I-PEX
3	-	-	PCB	I-PEX
4	-	-	PCB	I-PEX

Ant.	Port	Gain (dBi)			
		5G Band 1	5G Band 2	5G Band 3	5G Band 4
1	1	5.541	5.672	5.481	5.537
2	2	5.541	5.672	5.481	5.537
3	3	5.541	5.672	5.481	5.537
4	4	5.541	5.672	5.481	5.537

Note 1: The EUT has four antennas.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Test Fixture			
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

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.553	2.57	130.625u	10k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.916	0.38	318.75u	10k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.904	0.44	305.625u	10k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.903	0.44	292.5u	10k
802.11ax HEW160_Nss1,(MCS0)_4TX	0.932	0.31	451.25u	3k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.911	0.4	2.931m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.926	0.33	3.101m	1k
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.931	0.31	4.149m	300
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.917	0.38	3.573m	300

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
W349E0YYYYYY(Y can be 0-9, a-z, A-Z, blank, “+” or “-” or “#”)	All the models are identical, the difference model for difference brand served as marketing strategy.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR0O2750AN

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

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

1.2 Testing Applied Standards

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

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

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
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	16/Nov/2020~ 07/Dec/2020
Radiated	03CH03-HY	Tony Chang	22.7~25.1°C / 55~64%	12/Nov/2020~ 26/Nov/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 °C	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	accessMTool_REL_3_2_1_0

Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	41
5300MHz	41
5320MHz	41
5500MHz	42
5580MHz	42
5700MHz	42
5720MHz Straddle 5.47-5.725GHz	34
5720MHz Straddle 5.725-5.85GHz	34
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	41
5300MHz	41
5320MHz	41
5500MHz	42
5580MHz	43
5700MHz	43
5720MHz Straddle 5.47-5.725GHz	43
5720MHz Straddle 5.725-5.85GHz	43
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	51
5310MHz	49
5510MHz	52
5550MHz	52
5670MHz	52

Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	52
5710MHz Straddle 5.725-5.85GHz	52
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	53
5530MHz	58
5610MHz	64
5690MHz Straddle 5.47-5.725GHz	64
5690MHz Straddle 5.725-5.85GHz	64
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	58
5250MHz Straddle 5.25-5.35GHz	58
5570MHz	58

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	44
5300MHz	45
5320MHz	44
5500MHz	46
5580MHz	47
5700MHz	45
5720MHz Straddle 5.47-5.725GHz	44
5720MHz Straddle 5.725-5.85GHz	44
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	44
5310MHz	45
5510MHz	46
5550MHz	46
5670MHz	46
5710MHz Straddle 5.47-5.725GHz	44
5710MHz Straddle 5.725-5.85GHz	44
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	45
5530MHz	47

Mode	Power Setting
5610MHz	46
5690MHz Straddle 5.47-5.725GHz	43
5690MHz Straddle 5.725-5.85GHz	43
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	54
5250MHz Straddle 5.25-5.35GHz	54
5570MHz	46

2.3 The Worst Case Measurement Configuration

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

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

2.4 Support Equipment

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	-	-	-	Note 1
4	Adapter	Sunny	SYS1649-6012-T3	-	Note 1
5	AC Adapter (for NB) (for Beamforming)	HP	PPP012H-S	-	-
6	Client (for Beamforming)	-	-	-	Note 1
7	Notebook (for Beamforming)	HP	5220m	-	-

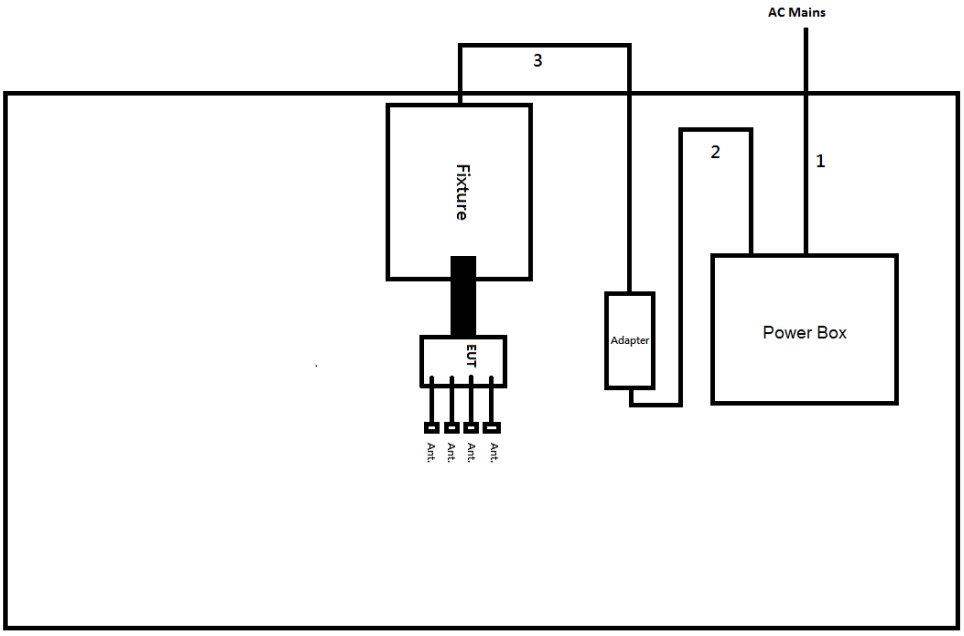
Note 1: Support equipment No.3, 4, 6 were provided by customer.

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Fixture	-	-	-	Note 1
2	Adapter	Sunny	SYS1649-6012-T3	-	Note 1
3	Notebook (for Beamforming)	HP	5220m	-	-
4	AC Adapter (for NB) (for Beamforming)	HP	PPP012H-S	-	-
5	AC Power cable (for Beamforming)	Power Sync	TPCMRN0018	-	-
6	Client (for Beamforming)	-	-	-	Note 1
7	RJ-45 Cable (for Beamforming)	Power sync	CAT-6E-10	-	-

Note 1: Support equipment No.1, 2, 6 was provided by customer.

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.8	-
3	DC Power cable	No	1.5	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, N/A
☒ For the 5.47-5.725 GHz band, N/A
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

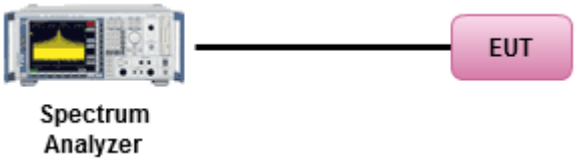
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

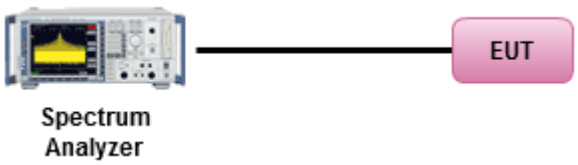
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

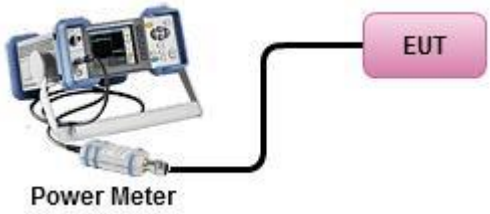
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.2.4 Test Setup

RF Output Power (Spectrum Analyzer)



RF Output Power (Power Meter)



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

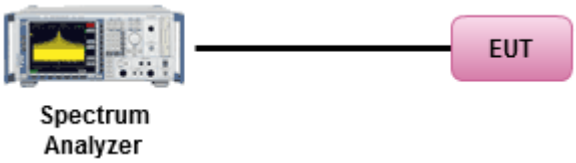
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT. Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.			

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

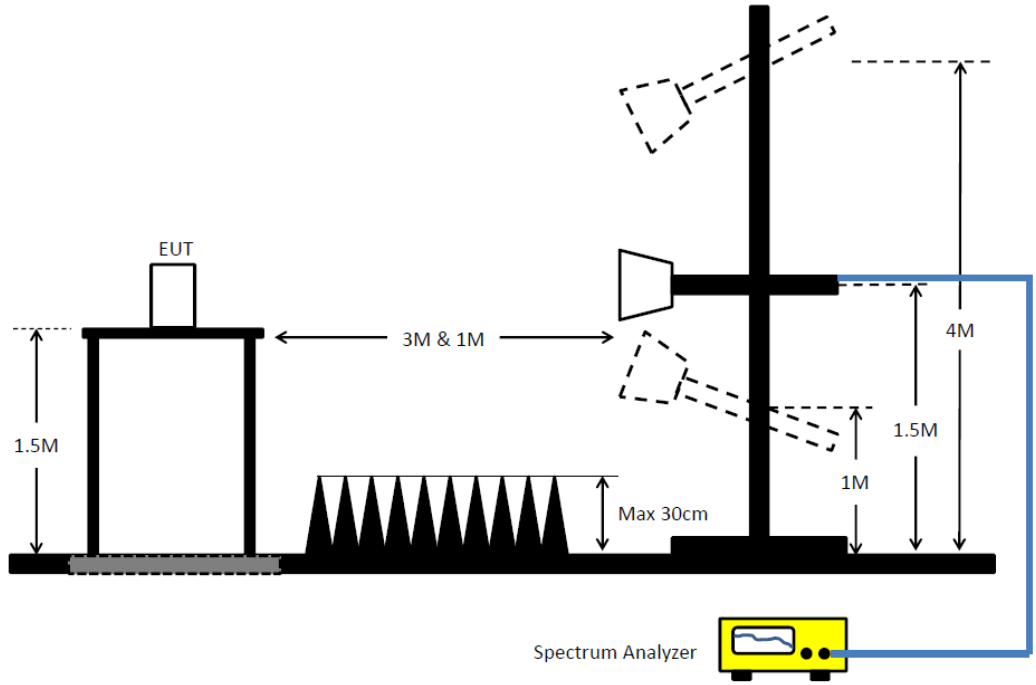
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.4.5 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2022
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	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	81.84M	78.321M	78M3D1D	81.36M	77.841M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.48M	16.702M	16M7D1D	21.12M	16.552M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.78M	19.04M	19M0D1D	21.33M	17.751M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.32M	37.841M	37M8D1D	39.66M	36.462M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.24M	77.361M	77M4D1D	81M	77.241M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.92M	77.841M	77M8D1D	81.96M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.51M	16.732M	16M7D1D	15.634M	13.427M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72M	19.01M	19M0D1D	15.703M	14.499M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.2M	37.781M	37M8D1D	34.864M	33.699M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.721M	77M7D1D	75.889M	73.345M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.36M	155.922M	156MD1D	164.4M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.21M	4.003M	4M00D1D	3.09M	3.913M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.47M	4.603M	4M60D1D	4.455M	4.558M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.78M	4.093M	4M09D1D	3.585M	4.063M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.75M	4.048M	4M05D1D	3.45M	3.988M

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

Result

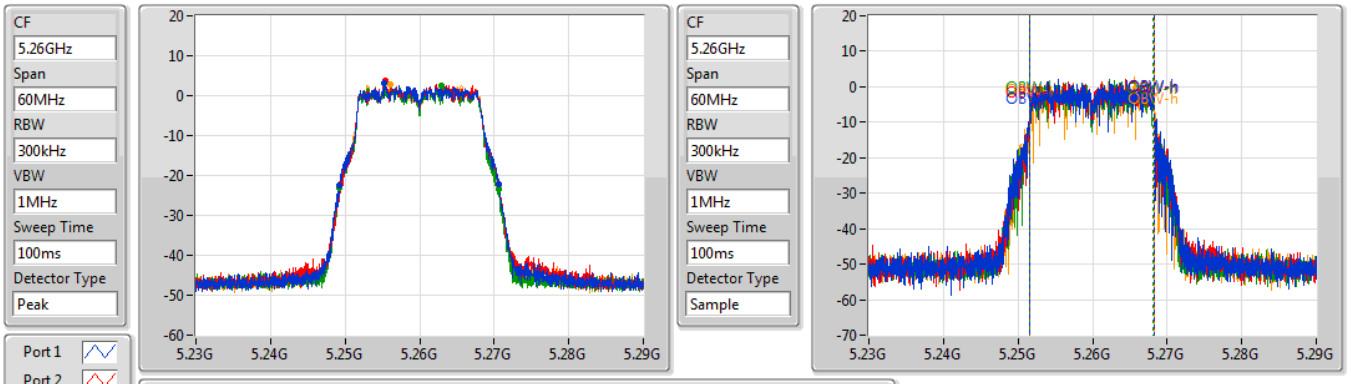
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.39M	16.702M	21.21M	16.612M	21.39M	16.552M	21.36M	16.642M
5300MHz	Pass	Inf	21.39M	16.672M	21.12M	16.612M	21.27M	16.552M	21.33M	16.612M
5320MHz	Pass	Inf	21.48M	16.672M	21.18M	16.552M	21.33M	16.612M	21.33M	16.612M
5500MHz	Pass	Inf	21.45M	16.702M	21.06M	16.642M	21.33M	16.612M	21.27M	16.612M
5580MHz	Pass	Inf	21.45M	16.672M	21.12M	16.552M	21.27M	16.732M	21.36M	16.642M
5700MHz	Pass	Inf	21.51M	16.732M	21.09M	16.702M	21.33M	16.522M	21.18M	16.582M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.675M	13.455M	15.785M	13.509M	15.744M	13.441M	15.634M	13.427M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.09M	3.973M	3.21M	3.988M	3.105M	4.003M	3.12M	3.913M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	18.921M	21.66M	19.01M	21.6M	19.01M	21.39M	19.04M
5300MHz	Pass	Inf	21.57M	19.01M	21.48M	19.01M	21.51M	18.921M	21.78M	19.01M
5320MHz	Pass	Inf	21.66M	17.871M	21.33M	17.781M	21.39M	17.751M	21.51M	17.811M
5500MHz	Pass	Inf	21.69M	17.841M	21.36M	17.781M	21.66M	17.781M	21.6M	17.781M
5580MHz	Pass	Inf	21.57M	19.01M	21.63M	19.01M	21.72M	18.981M	21.57M	18.921M
5700MHz	Pass	Inf	21.69M	17.811M	21.36M	17.811M	21.63M	17.721M	21.54M	17.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.826M	14.554M	15.703M	14.513M	15.785M	14.526M	15.716M	14.499M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.558M	4.47M	4.573M	4.455M	4.558M	4.455M	4.603M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.08M	37.721M	39.96M	37.601M	40.32M	37.841M	39.96M	37.841M
5310MHz	Pass	Inf	40.02M	36.462M	39.66M	36.462M	39.9M	36.462M	39.66M	36.582M
5510MHz	Pass	Inf	39.96M	36.402M	39.54M	36.402M	39.9M	36.582M	39.6M	36.462M
5550MHz	Pass	Inf	40.02M	37.661M	40.08M	37.601M	40.2M	37.781M	40.02M	37.661M
5670MHz	Pass	Inf	39.78M	36.522M	39.72M	36.462M	39.96M	36.582M	39.6M	36.522M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.1M	33.868M	34.898M	33.767M	34.864M	33.767M	35.066M	33.699M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.063M	3.66M	4.078M	3.735M	4.093M	3.585M	4.063M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.24M	77.241M	81.24M	77.241M	81.24M	77.241M	81M	77.361M
5530MHz	Pass	Inf	82.08M	77.481M	82.2M	77.481M	82.08M	77.721M	81.84M	77.121M
5610MHz	Pass	Inf	82.68M	77.361M	82.2M	77.361M	81.96M	77.481M	81.72M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.889M	73.566M	75.889M	73.345M	76.258M	73.418M	75.889M	73.566M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.69M	4.048M	3.75M	4.033M	3.45M	3.988M	3.72M	4.003M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.84M	77.961M	81.36M	77.961M	81.36M	78.321M	81.6M	77.841M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.2M	77.841M	82.92M	77.721M	82.32M	77.721M	81.96M	77.721M
5570MHz	Pass	Inf	164.88M	155.922M	164.4M	155.682M	165.36M	155.682M	165.36M	154.963M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

16/11/2020

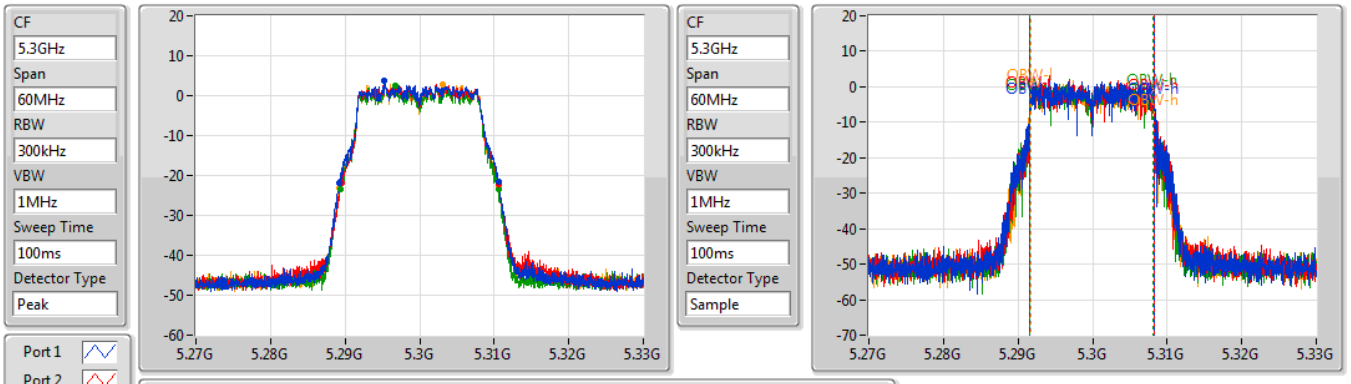


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.2492G	5.27059G	16.702M	5.251574G	5.268276G	Inf	1
21.21M	5.24944G	5.27065G	16.612M	5.251634G	5.268246G	Inf	2
21.39M	5.24923G	5.27062G	16.552M	5.251634G	5.268186G	Inf	3
21.36M	5.2492G	5.27056G	16.642M	5.251634G	5.268276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

16/11/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.2892G	5.31059G	16.672M	5.291634G	5.308306G	Inf	1
21.12M	5.28953G	5.31065G	16.612M	5.291634G	5.308246G	Inf	2
21.27M	5.28932G	5.31059G	16.552M	5.291634G	5.308186G	Inf	3
21.33M	5.2892G	5.31053G	16.612M	5.291664G	5.308276G	Inf	4

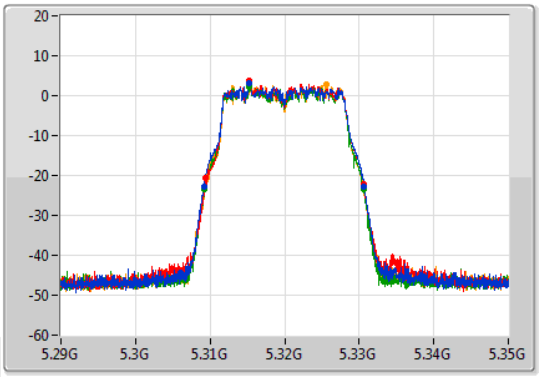
802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

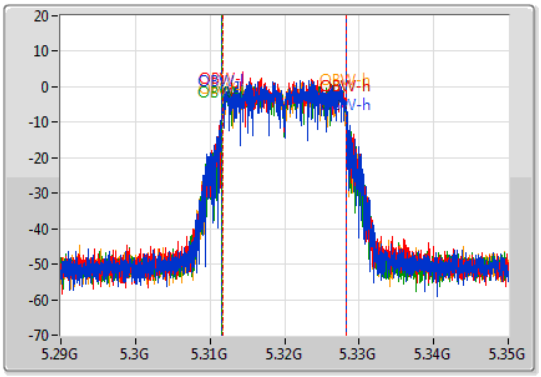
16/11/2020

CF	5.32GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

Port 1 Port 2 Port 3 Port 4



CF	5.32GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.30917G	5.33065G	16.672M	5.311604G	5.328276G	Inf	1
21.18M	5.30944G	5.33062G	16.552M	5.311664G	5.328216G	Inf	2
21.33M	5.30929G	5.33062G	16.612M	5.311634G	5.328246G	Inf	3
21.33M	5.3092G	5.33053G	16.612M	5.311664G	5.328276G	Inf	4

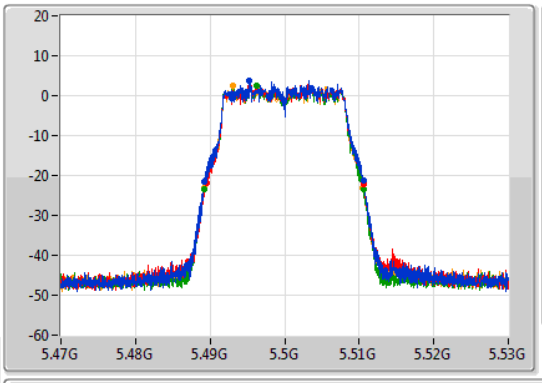
802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

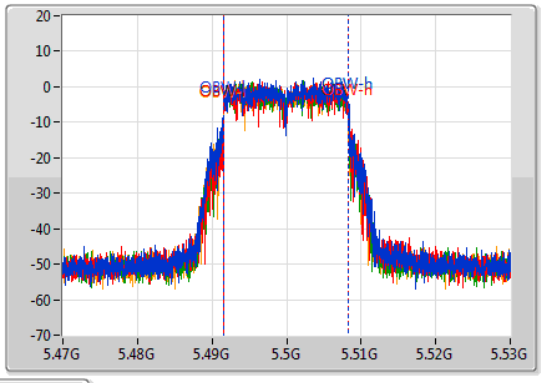
16/11/2020

CF	5.5GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak

Port 1 Port 2 Port 3 Port 4



CF	5.5GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample

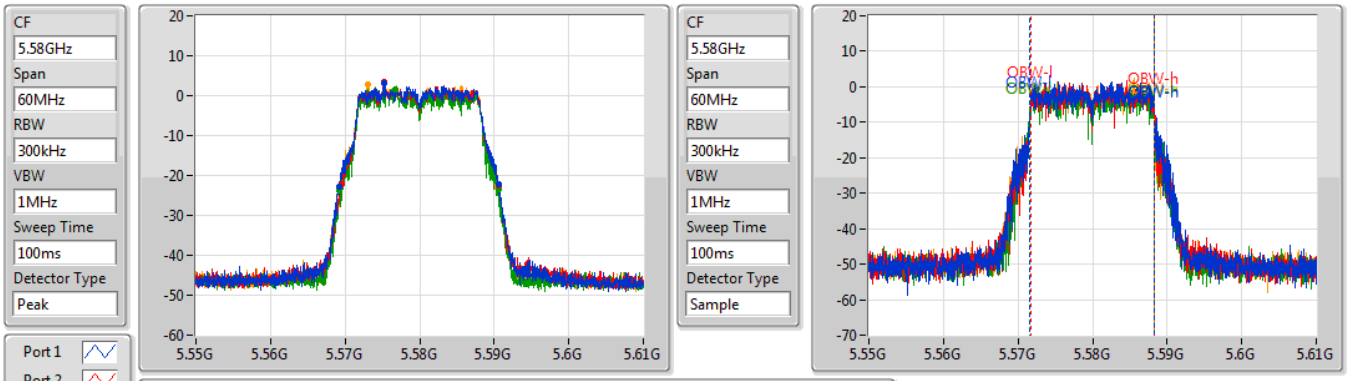


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.48917G	5.51062G	16.702M	5.491544G	5.508246G	Inf	1
21.06M	5.48953G	5.51059G	16.642M	5.491634G	5.508276G	Inf	2
21.33M	5.48926G	5.51059G	16.612M	5.491604G	5.508216G	Inf	3
21.27M	5.4892G	5.51047G	16.612M	5.491634G	5.508246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

16/11/2020

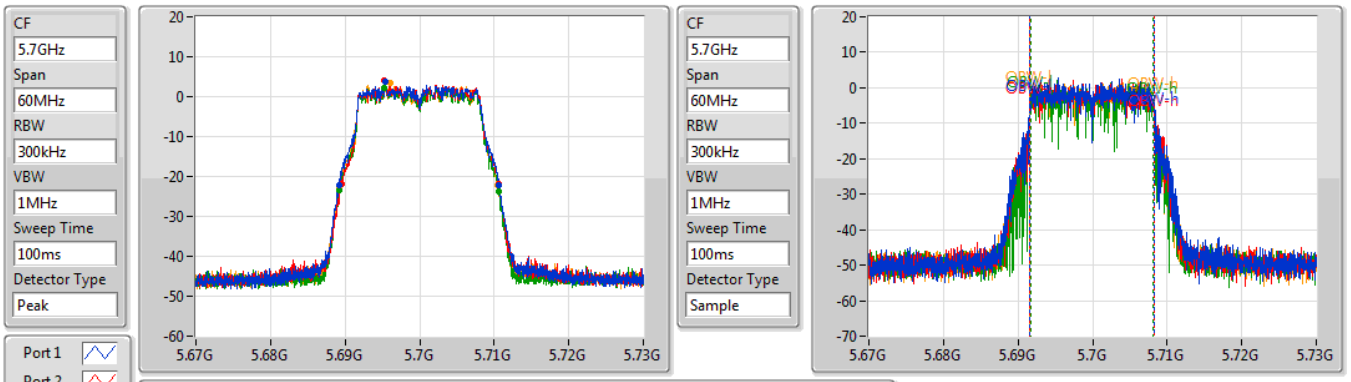


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.56917G	5.59062G	16.672M	5.571634G	5.588306G	Inf	1
21.12M	5.5695G	5.59062G	16.552M	5.571664G	5.588216G	Inf	2
21.27M	5.56929G	5.59056G	16.732M	5.571574G	5.588306G	Inf	3
21.36M	5.56914G	5.5905G	16.642M	5.571634G	5.588276G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

17/11/2020

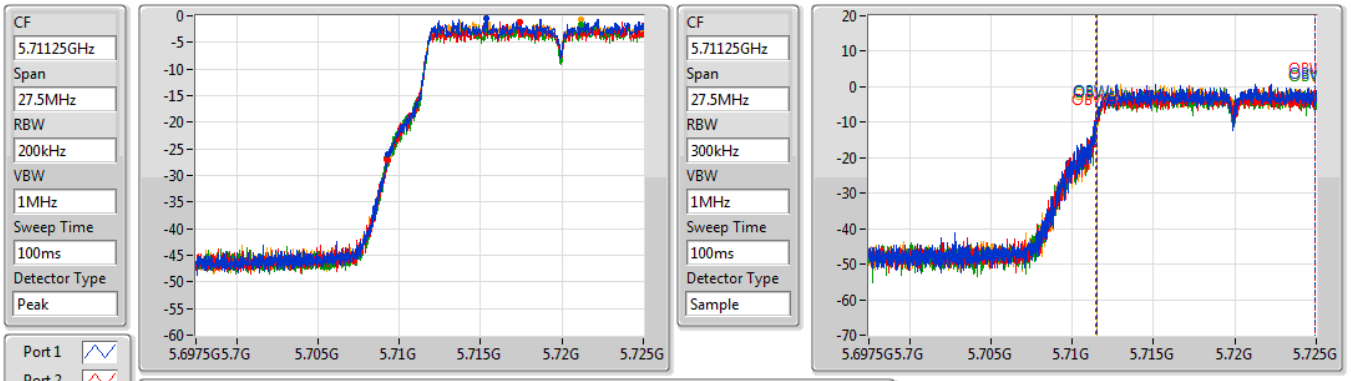


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68914G	5.71065G	16.732M	5.691574G	5.708306G	Inf	1
21.09M	5.68953G	5.71062G	16.702M	5.691634G	5.708336G	Inf	2
21.33M	5.68929G	5.71062G	16.522M	5.691664G	5.708186G	Inf	3
21.18M	5.68926G	5.71044G	16.582M	5.691634G	5.708216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

19/11/2020

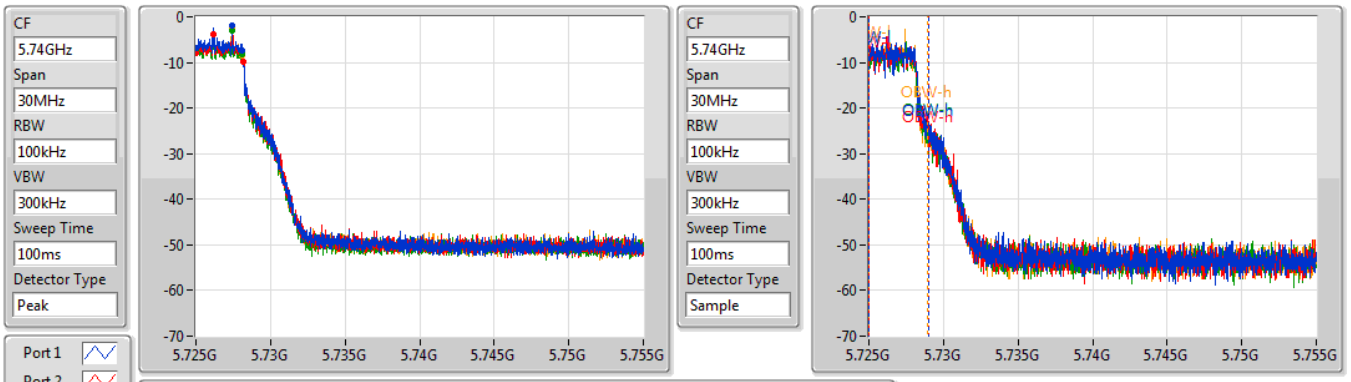


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.675M	5.709325G	5.725G	13.455M	5.711484G	5.724938G	Inf	1
15.785M	5.709215G	5.725G	13.509M	5.711442G	5.724952G	Inf	2
15.744M	5.709256G	5.725G	13.441M	5.711484G	5.724924G	Inf	3
15.634M	5.709366G	5.725G	13.427M	5.711511G	5.724938G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/11/2020

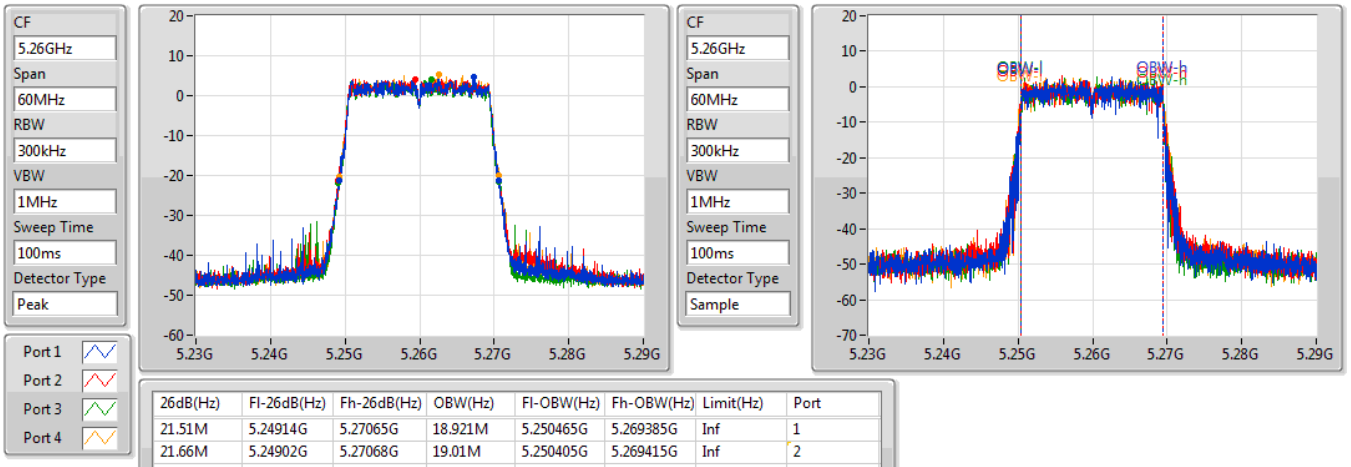


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.09M	5.725015G	5.728105G	3.973M	5.725022G	5.728996G	500k	1
3.21M	5.725G	5.72821G	3.988M	5.725022G	5.72901G	500k	2
3.105M	5.725G	5.728105G	4.003M	5.725022G	5.729025G	500k	3
3.12M	5.725G	5.72812G	3.913M	5.725022G	5.728936G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

17/11/2020

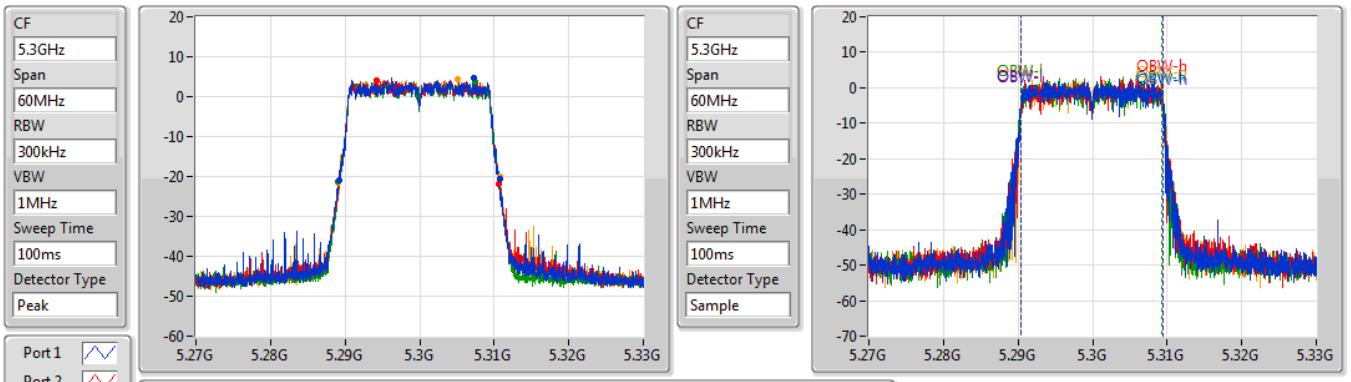


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24914G	5.27065G	18.921M	5.250465G	5.269385G	Inf	1
21.66M	5.24902G	5.27068G	19.01M	5.250405G	5.269415G	Inf	2
21.6M	5.24905G	5.27065G	19.01M	5.250375G	5.269385G	Inf	3
21.39M	5.24923G	5.27062G	19.04M	5.250405G	5.269445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

17/11/2020

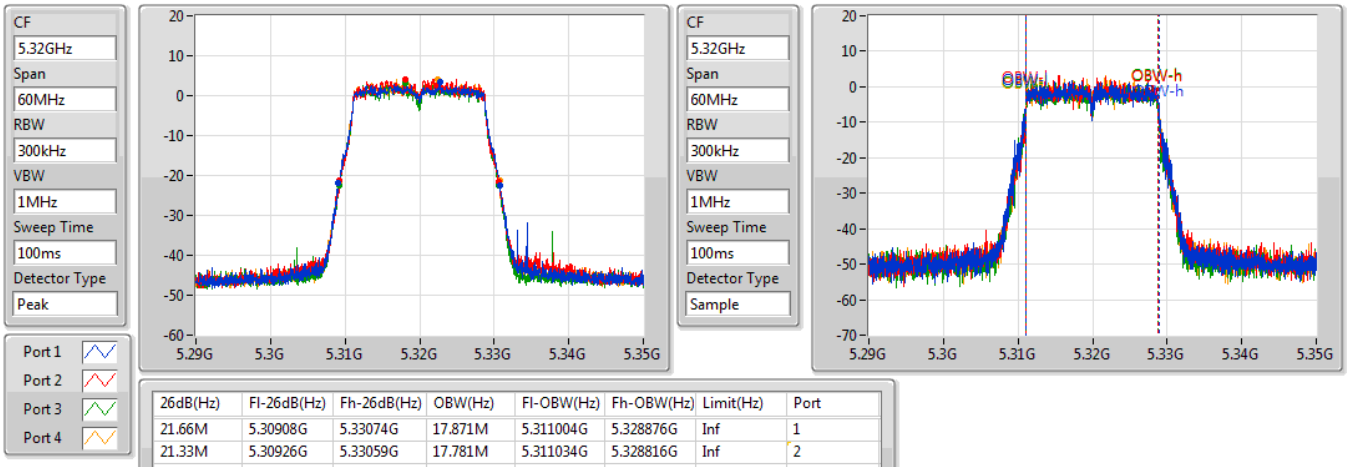


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.28914G	5.31071G	19.01M	5.290405G	5.309415G	Inf	1
21.48M	5.28917G	5.31065G	19.01M	5.290435G	5.309445G	Inf	2
21.51M	5.28911G	5.31062G	18.921M	5.290435G	5.309355G	Inf	3
21.78M	5.28908G	5.31086G	19.01M	5.290405G	5.309415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

17/11/2020

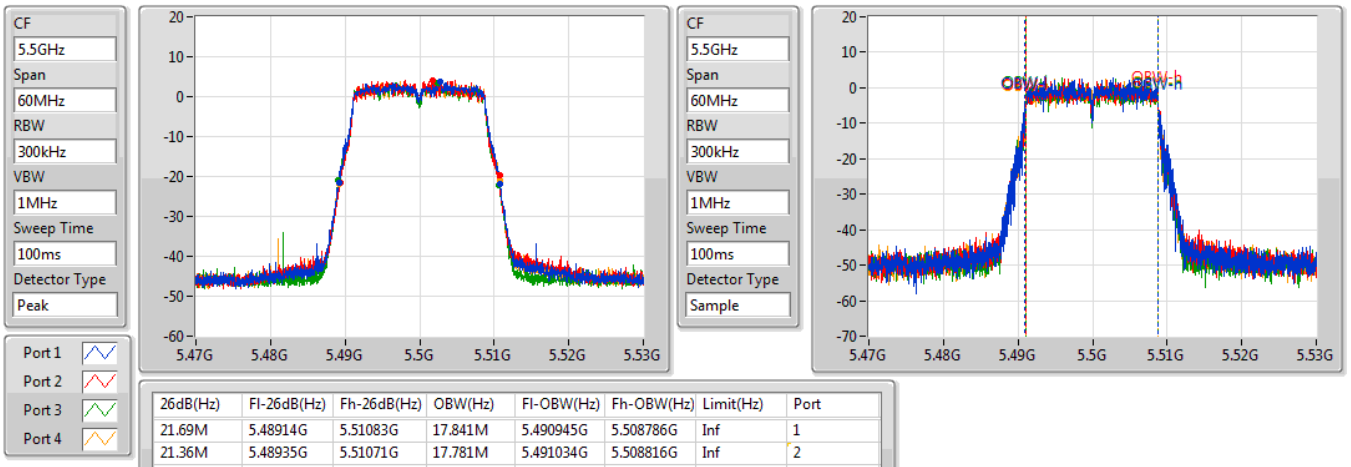


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.30908G	5.33074G	17.871M	5.311004G	5.328876G	Inf	1
21.33M	5.30926G	5.33059G	17.781M	5.311034G	5.328816G	Inf	2
21.39M	5.30926G	5.33065G	17.751M	5.311034G	5.328786G	Inf	3
21.51M	5.3092G	5.33071G	17.811M	5.311004G	5.328816G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

17/11/2020

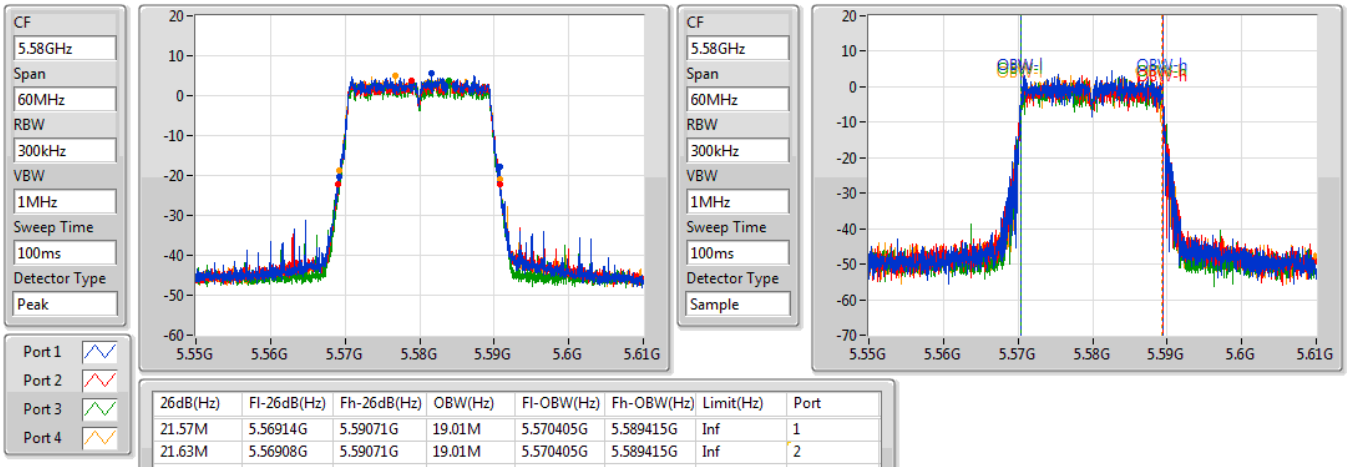


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.48914G	5.51083G	17.841M	5.490945G	5.508786G	Inf	1
21.36M	5.48935G	5.51071G	17.781M	5.491034G	5.508816G	Inf	2
21.66M	5.48899G	5.51065G	17.781M	5.491004G	5.508786G	Inf	3
21.6M	5.48917G	5.51077G	17.781M	5.491034G	5.508816G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

17/11/2020

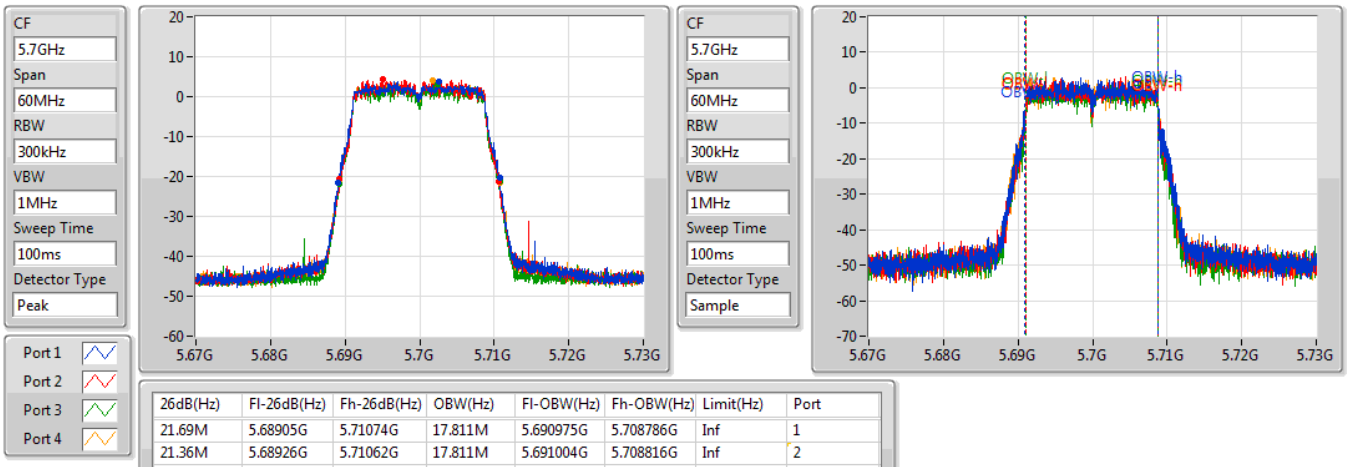


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.56914G	5.59071G	19.01M	5.570405G	5.589415G	Inf	1
21.63M	5.56908G	5.59071G	19.01M	5.570405G	5.589415G	Inf	2
21.72M	5.56905G	5.59077G	18.981M	5.570405G	5.589385G	Inf	3
21.57M	5.56917G	5.59074G	18.921M	5.570435G	5.589355G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

17/11/2020

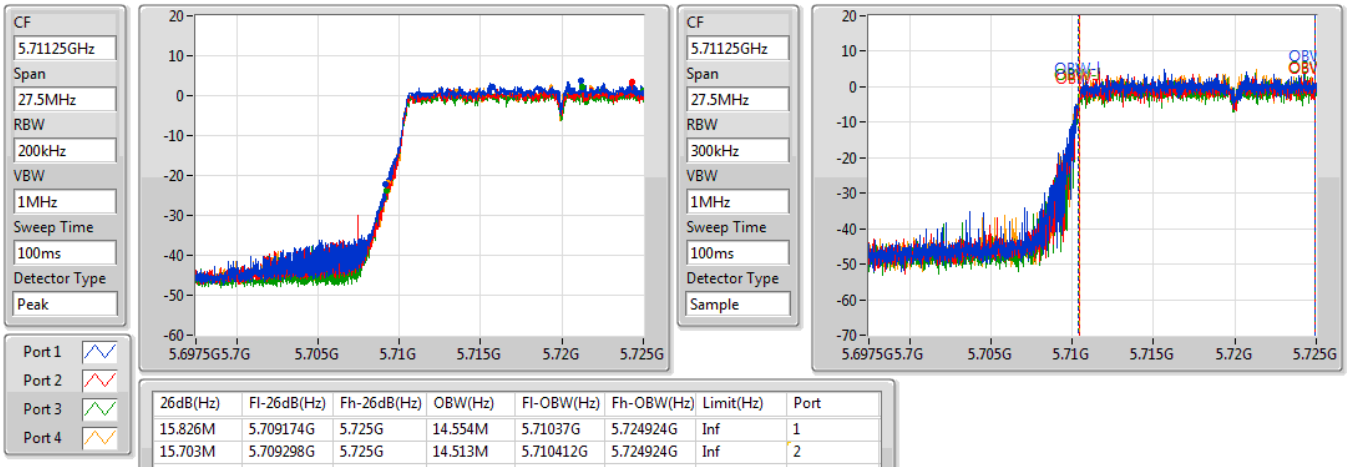


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.68905G	5.71074G	17.811M	5.690975G	5.708786G	Inf	1
21.36M	5.68926G	5.71062G	17.811M	5.691004G	5.708816G	Inf	2
21.63M	5.68923G	5.71086G	17.721M	5.691034G	5.708756G	Inf	3
21.54M	5.68917G	5.71071G	17.751M	5.691034G	5.708786G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

19/11/2020

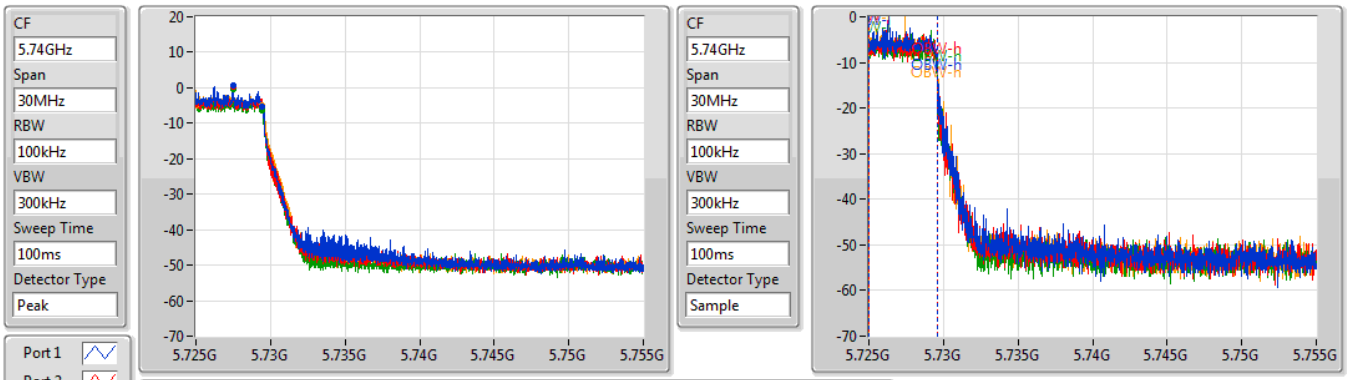


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.826M	5.709174G	5.725G	14.554M	5.71037G	5.724924G	Inf	1
15.703M	5.709298G	5.725G	14.513M	5.710412G	5.724924G	Inf	2
15.785M	5.709215G	5.725G	14.526M	5.710398G	5.724924G	Inf	3
15.716M	5.709284G	5.725G	14.499M	5.710425G	5.724924G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/11/2020

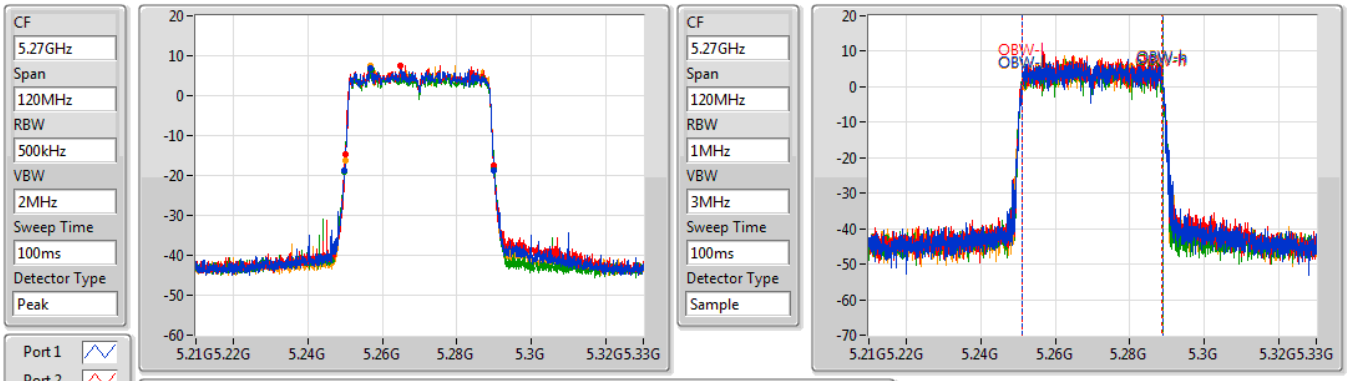


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	4.558M	5.725022G	5.72958G	500k	1
4.47M	5.725G	5.72947G	4.573M	5.725022G	5.729595G	500k	2
4.455M	5.725G	5.729455G	4.558M	5.725022G	5.72958G	500k	3
4.455M	5.725G	5.729455G	4.603M	5.725022G	5.729625G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

17/11/2020

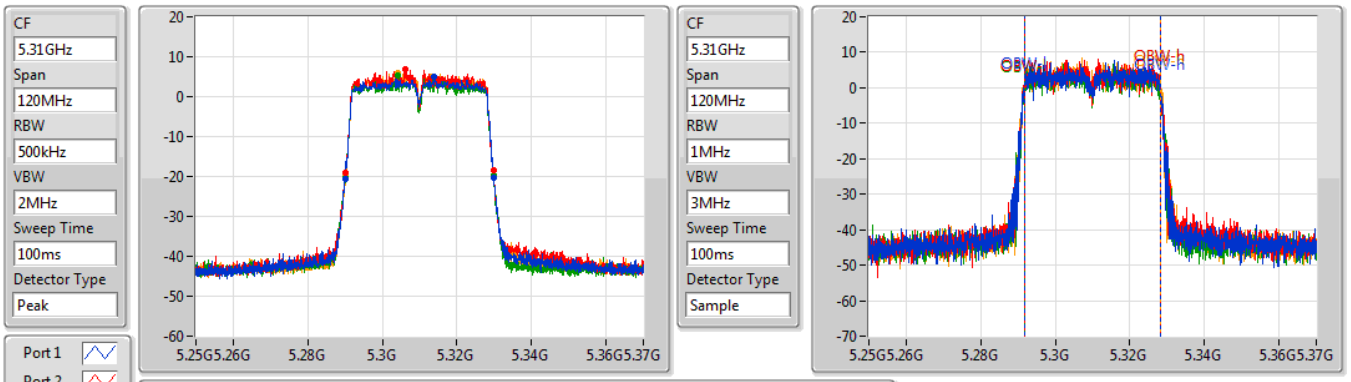


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.2499G	5.28998G	37.721M	5.251049G	5.288771G	Inf	1
39.96M	5.24996G	5.28992G	37.601M	5.251109G	5.288711G	Inf	2
40.32M	5.24972G	5.29004G	37.841M	5.25099G	5.288831G	Inf	3
39.96M	5.24996G	5.28992G	37.841M	5.251049G	5.288891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

17/11/2020

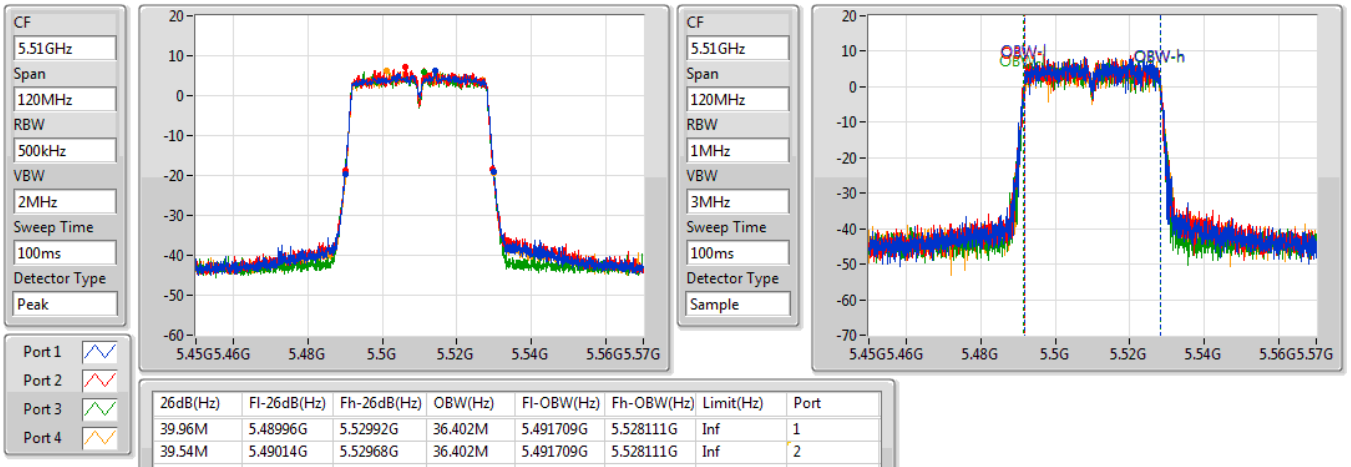


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.28996G	5.32998G	36.462M	5.291649G	5.328111G	Inf	1
39.66M	5.29008G	5.32974G	36.462M	5.291649G	5.328111G	Inf	2
39.9M	5.28996G	5.32986G	36.462M	5.291649G	5.328111G	Inf	3
39.66M	5.2902G	5.32986G	36.582M	5.291649G	5.328231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

17/11/2020

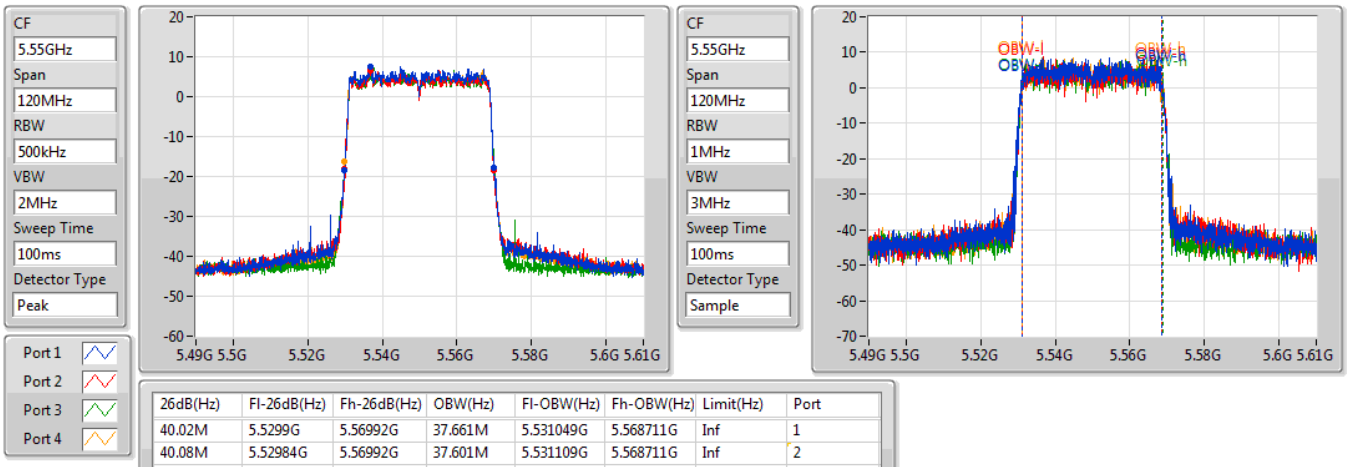


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.48996G	5.52992G	36.402M	5.491709G	5.528111G	Inf	1
39.54M	5.49014G	5.52968G	36.402M	5.491709G	5.528111G	Inf	2
39.9M	5.48996G	5.52986G	36.582M	5.491589G	5.528171G	Inf	3
39.6M	5.49014G	5.52974G	36.462M	5.491709G	5.528171G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

17/11/2020

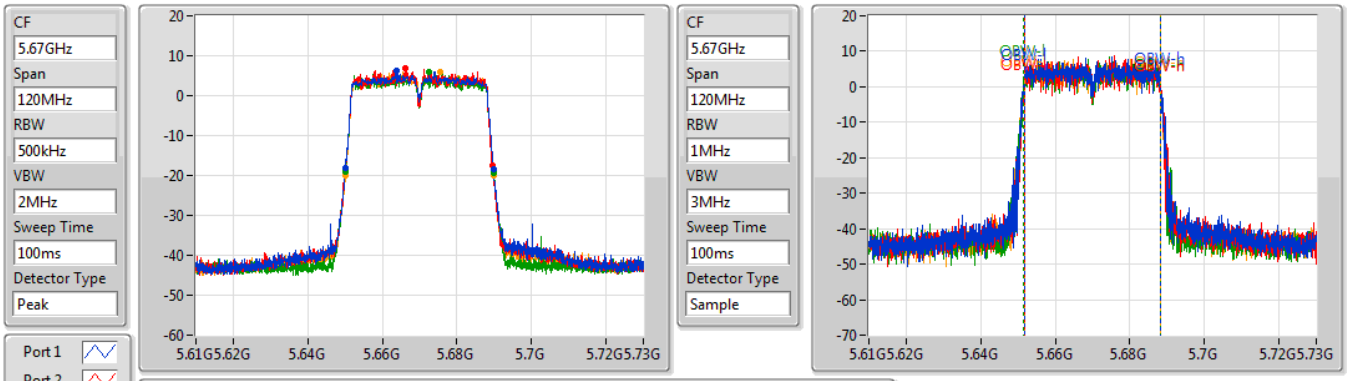


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.5299G	5.56992G	37.661M	5.531049G	5.568711G	Inf	1
40.08M	5.52984G	5.56992G	37.601M	5.531109G	5.568711G	Inf	2
40.2M	5.52984G	5.57004G	37.781M	5.53099G	5.568771G	Inf	3
40.02M	5.5299G	5.56992G	37.661M	5.531049G	5.568711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

17/11/2020

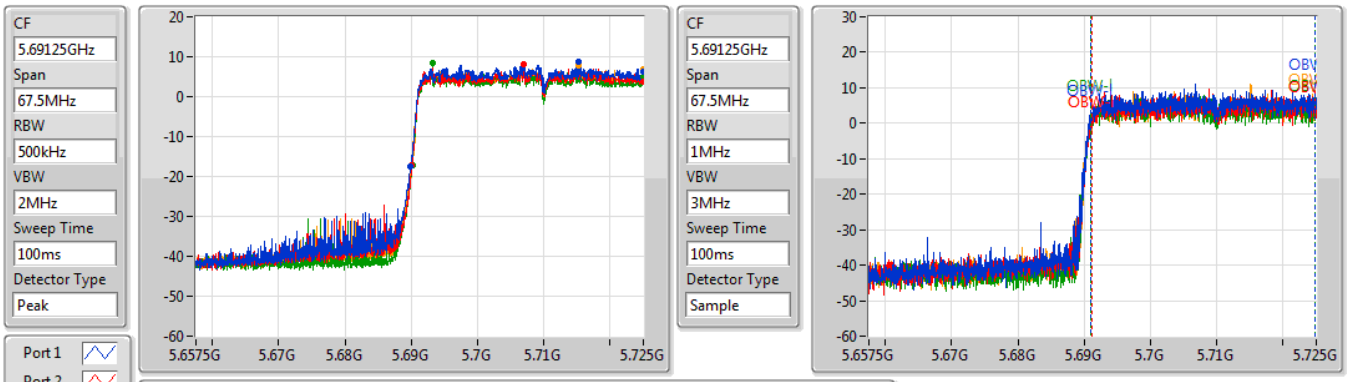


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.65008G	5.68986G	36.522M	5.651649G	5.688171G	Inf	1
39.72M	5.64996G	5.68968G	36.462M	5.651709G	5.688171G	Inf	2
39.96M	5.64996G	5.68992G	36.582M	5.651589G	5.688171G	Inf	3
39.6M	5.65014G	5.68974G	36.522M	5.651649G	5.688171G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

19/11/2020

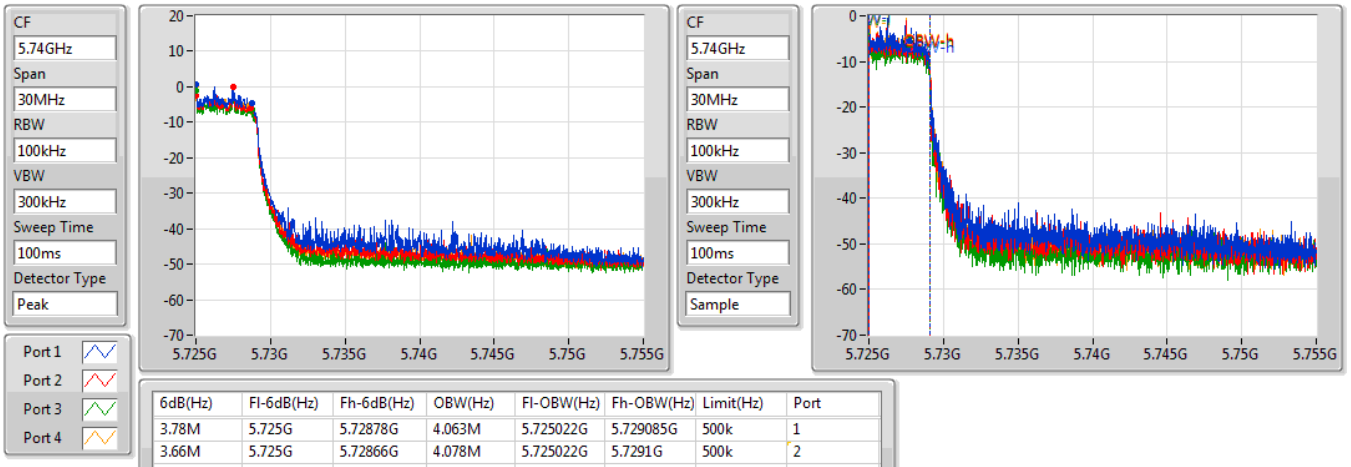


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.6899G	5.725G	33.868M	5.691014G	5.724882G	Inf	1
34.898M	5.690103G	5.725G	33.767M	5.691081G	5.724848G	Inf	2
34.864M	5.690136G	5.725G	33.767M	5.691048G	5.724814G	Inf	3
35.066M	5.689934G	5.725G	33.699M	5.691115G	5.724814G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

19/11/2020

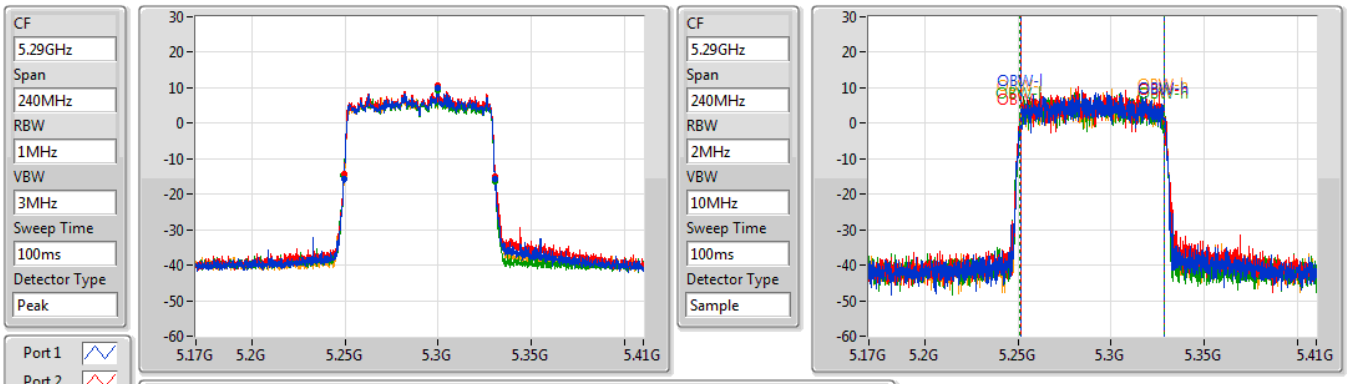


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.063M	5.725022G	5.729085G	500k	1
3.66M	5.725G	5.72866G	4.078M	5.725022G	5.7291G	500k	2
3.735M	5.725G	5.728735G	4.093M	5.725007G	5.7291G	500k	3
3.585M	5.725G	5.728585G	4.063M	5.725022G	5.729085G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

17/11/2020

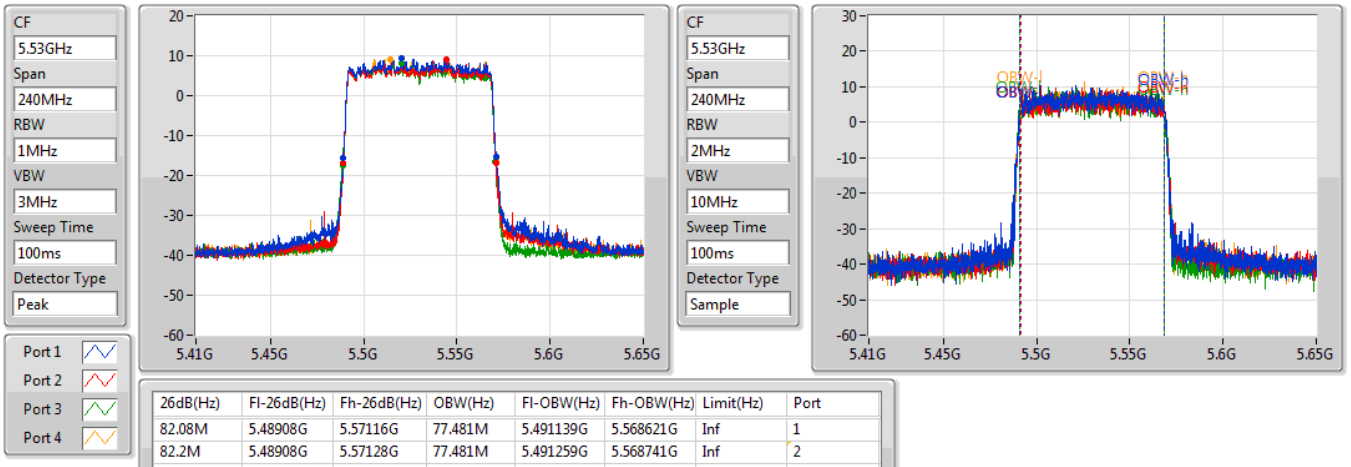


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.24932G	5.33056G	77.241M	5.251379G	5.328621G	Inf	1
81.24M	5.24944G	5.33068G	77.241M	5.251379G	5.328621G	Inf	2
81.24M	5.2492G	5.33044G	77.241M	5.251139G	5.328381G	Inf	3
81M	5.24944G	5.33044G	77.361M	5.251379G	5.328741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

23/11/2020

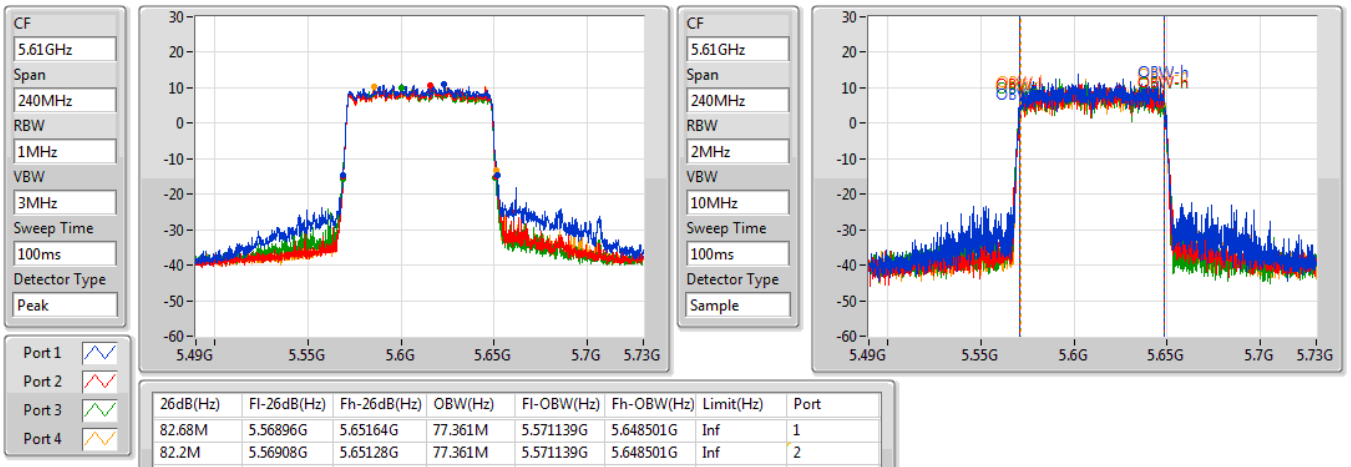


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48908G	5.57116G	77.481M	5.491139G	5.568621G	Inf	1
82.2M	5.48908G	5.57128G	77.481M	5.491259G	5.568741G	Inf	2
82.08M	5.4886G	5.57068G	77.721M	5.4909G	5.568621G	Inf	3
81.84M	5.48908G	5.57092G	77.121M	5.491379G	5.568501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

23/11/2020



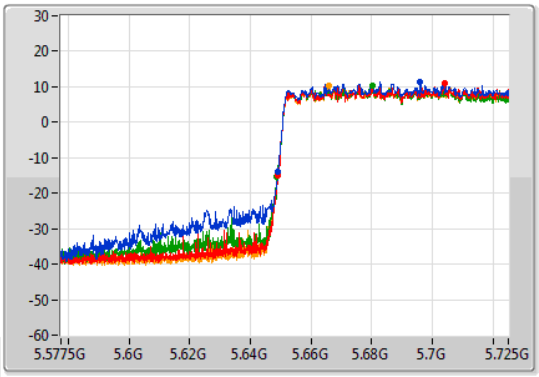
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.56896G	5.65164G	77.361M	5.571139G	5.648501G	Inf	1
82.2M	5.56908G	5.65128G	77.361M	5.571139G	5.648501G	Inf	2
81.96M	5.56872G	5.65068G	77.481M	5.571019G	5.648501G	Inf	3
81.72M	5.56908G	5.6508G	77.361M	5.571379G	5.648741G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

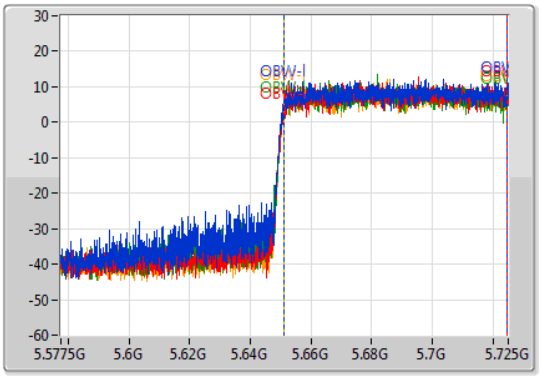
5690MHz Straddle 5.47-5.725GHz

23/11/2020

CF	5.65125GHz
Span	147.5MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.65125GHz
Span	147.5MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

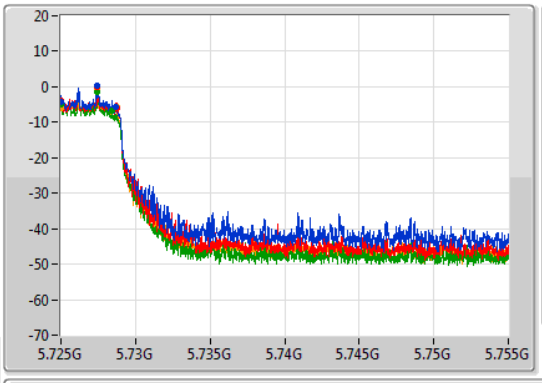
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.889M	5.649111G	5.725G	73.566M	5.651029G	5.724595G	Inf	1
75.889M	5.649111G	5.725G	73.345M	5.651176G	5.724521G	Inf	2
76.258M	5.648743G	5.725G	73.418M	5.651029G	5.724447G	Inf	3
75.889M	5.649111G	5.725G	73.566M	5.651103G	5.724668G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

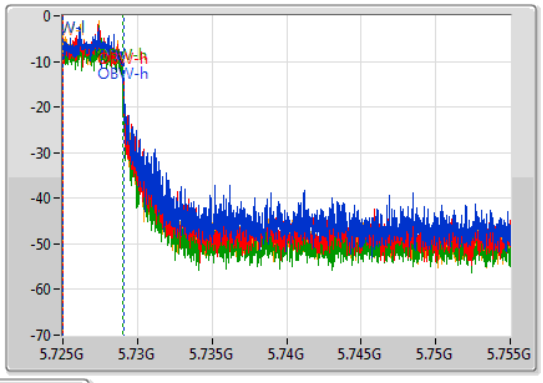
5690MHz Straddle 5.725-5.85GHz

23/11/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

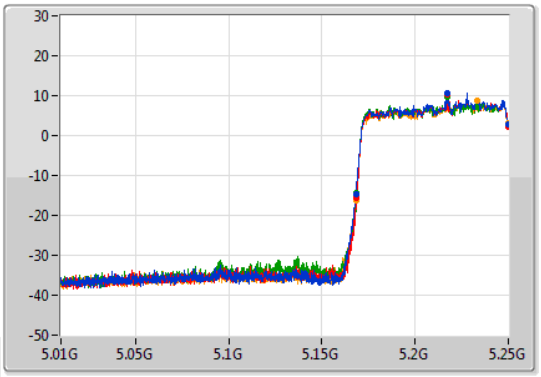
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.69M	5.725G	5.72869G	4.048M	5.725022G	5.72907G	500k	1
3.75M	5.725G	5.72875G	4.033M	5.725022G	5.729055G	500k	2
3.45M	5.725G	5.72845G	3.988M	5.725022G	5.72901G	500k	3
3.72M	5.725G	5.72872G	4.003M	5.725022G	5.729025G	500k	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

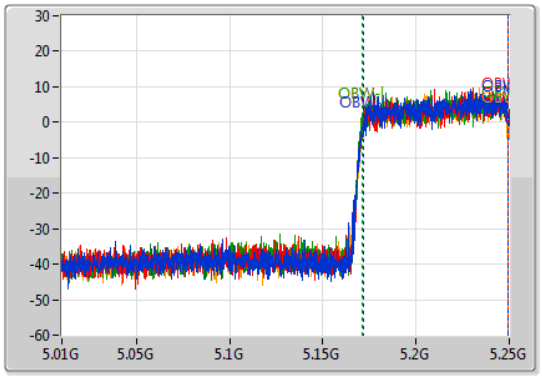
5250MHz Straddle 5.15-5.25GHz

17/11/2020

CF	5.13GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.13GHz
Span	240MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

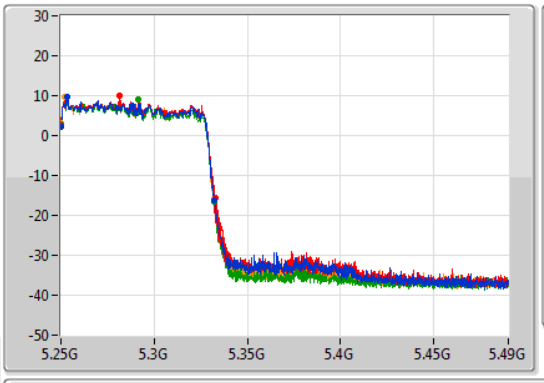
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16816G	5.25G	77.961M	5.171499G	5.24946G	Inf	1
81.36M	5.16864G	5.25G	77.961M	5.171499G	5.24946G	Inf	2
81.36M	5.16864G	5.25G	78.321M	5.171019G	5.24934G	Inf	3
81.6M	5.1684G	5.25G	77.841M	5.171379G	5.24922G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

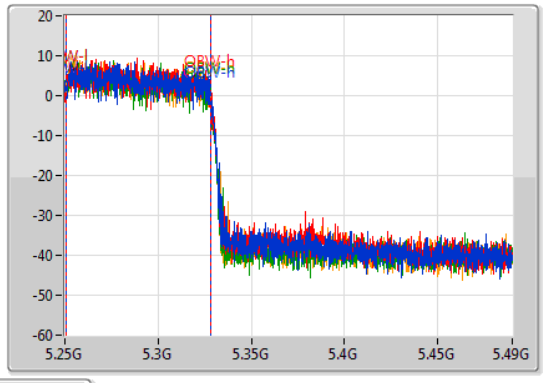
5250MHz Straddle 5.25-5.35GHz

17/11/2020

CF	5.37GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.37GHz
Span	240MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



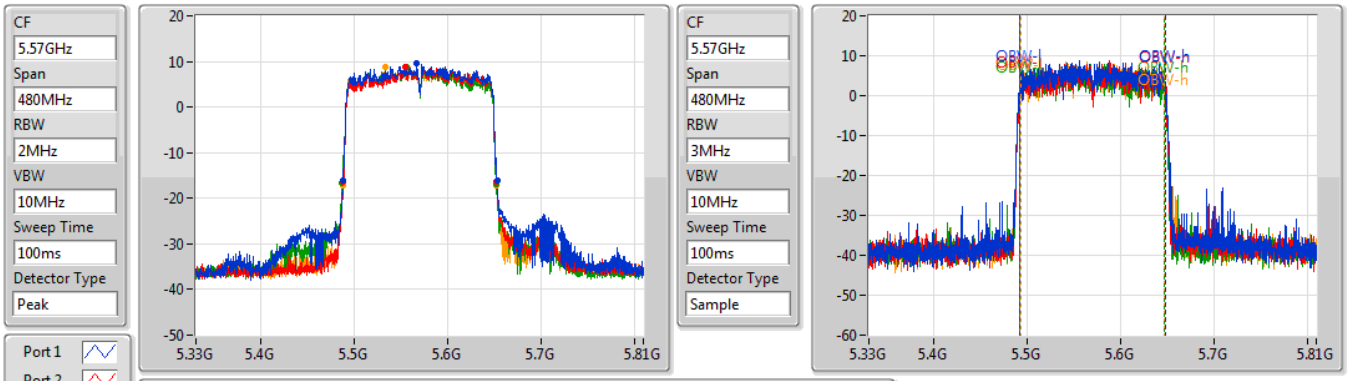
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.25G	5.3322G	77.841M	5.25054G	5.328381G	Inf	1
82.92M	5.25G	5.33292G	77.721M	5.25054G	5.328261G	Inf	2
82.32M	5.25G	5.33232G	77.721M	5.25054G	5.328261G	Inf	3
81.96M	5.25G	5.33196G	77.721M	5.25066G	5.328381G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

23/11/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.48816G	5.65304G	155.922M	5.492039G	5.647961G	Inf	1
164.4M	5.48816G	5.65256G	155.682M	5.492279G	5.647961G	Inf	2
165.36M	5.48696G	5.65232G	155.682M	5.491799G	5.647481G	Inf	3
165.36M	5.48744G	5.6528G	154.963M	5.492519G	5.647481G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.32M	78.441M	78M4D1D	80.52M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.54M	19.13M	19M1D1D	21.12M	18.741M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.44M	38.081M	38M1D1D	39.24M	36.462M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.84M	78.201M	78M2D1D	81.12M	77.121M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.8M	78.441M	78M4D1D	81.72M	76.522M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.69M	19.07M	19M1D1D	15.538M	14.472M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.62M	38.141M	38M1D1D	34.898M	33.16M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.6M	78.081M	78M1D1D	75.225M	72.607M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.88M	155.922M	156MD1D	162.48M	153.523M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.47M	4.558M	4M56D1D	4.455M	4.513M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.975M	4.033M	4M03D1D	3.825M	4.003M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.99M	4.123M	4M12D1D	3.405M	4.048M

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

Result

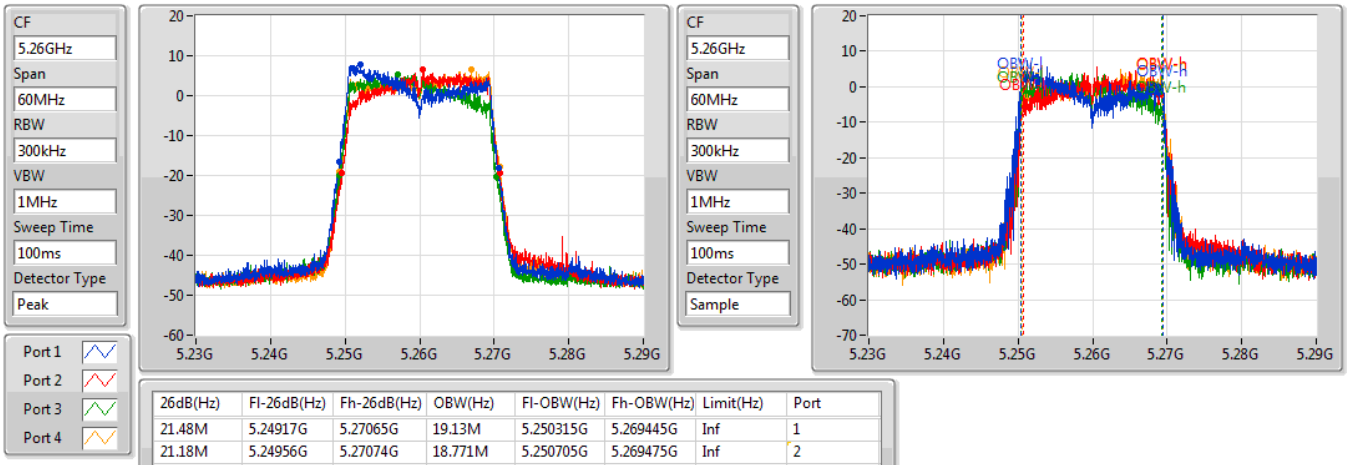
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.48M	19.13M	21.18M	18.771M	21.12M	18.741M	21.48M	18.981M
5300MHz	Pass	Inf	21.45M	19.01M	21.54M	18.951M	21.39M	19.04M	21.51M	18.951M
5320MHz	Pass	Inf	21.27M	19.01M	21.45M	18.951M	21.48M	18.981M	21.39M	19.04M
5500MHz	Pass	Inf	21.3M	18.891M	21.63M	19.04M	21.33M	18.771M	21.48M	18.981M
5580MHz	Pass	Inf	21.57M	19.01M	21.51M	18.981M	21.69M	19.04M	21.51M	18.921M
5700MHz	Pass	Inf	21.36M	19.07M	21.48M	19.01M	21.48M	19.04M	21.3M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.538M	14.472M	15.84M	14.54M	15.606M	14.485M	15.716M	14.526M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.513M	4.47M	4.558M	4.47M	4.558M	4.47M	4.528M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	38.081M	39.24M	36.462M	39.84M	37.721M	40.14M	37.781M
5310MHz	Pass	Inf	40.44M	38.021M	39.96M	37.721M	40.14M	37.901M	40.14M	37.601M
5510MHz	Pass	Inf	39.96M	37.661M	40.62M	37.721M	40.02M	37.481M	40.26M	38.141M
5550MHz	Pass	Inf	40.32M	38.081M	40.14M	37.781M	40.26M	37.661M	39.72M	36.942M
5670MHz	Pass	Inf	40.26M	37.781M	40.2M	37.781M	39.9M	36.822M	39.6M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.269M	34.104M	35.235M	33.733M	35.1M	33.564M	34.898M	33.16M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.825M	4.003M	3.885M	4.033M	3.975M	4.033M	3.975M	4.003M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	78.081M	81.36M	77.721M	81.48M	78.201M	81.12M	77.121M
5530MHz	Pass	Inf	81.36M	78.081M	81.48M	77.721M	80.28M	75.682M	80.64M	76.282M
5610MHz	Pass	Inf	81.24M	77.121M	80.88M	77.121M	80.76M	77.241M	81.6M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.741M	72.607M	75.225M	72.755M	75.963M	74.082M	75.225M	73.197M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.405M	4.108M	3.99M	4.063M	3.75M	4.123M	3.99M	4.048M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.96M	78.441M	80.64M	78.441M	82.32M	77.841M	80.52M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.08M	78.321M	81.72M	76.522M	82.8M	78.441M	82.68M	77.601M
5570MHz	Pass	Inf	162.48M	155.682M	164.88M	155.922M	163.92M	153.763M	163.2M	153.523M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

26/11/2020

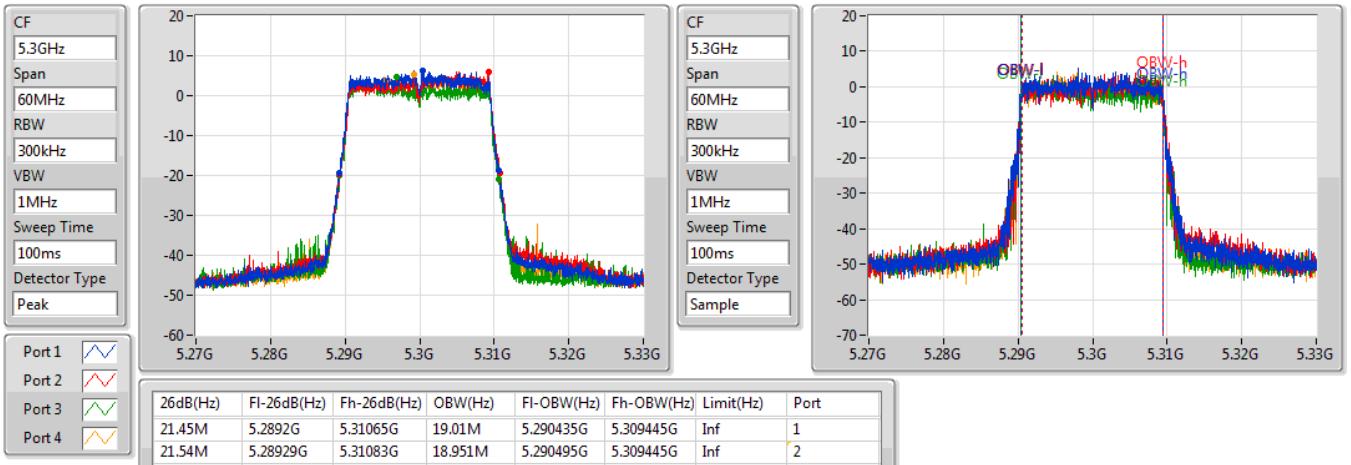


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.24917G	5.27065G	19.13M	5.250315G	5.269445G	Inf	1
21.18M	5.24956G	5.27074G	18.771M	5.250705G	5.269475G	Inf	2
21.12M	5.2492G	5.27032G	18.741M	5.250465G	5.269205G	Inf	3
21.48M	5.24923G	5.27071G	18.981M	5.250525G	5.269505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

26/11/2020

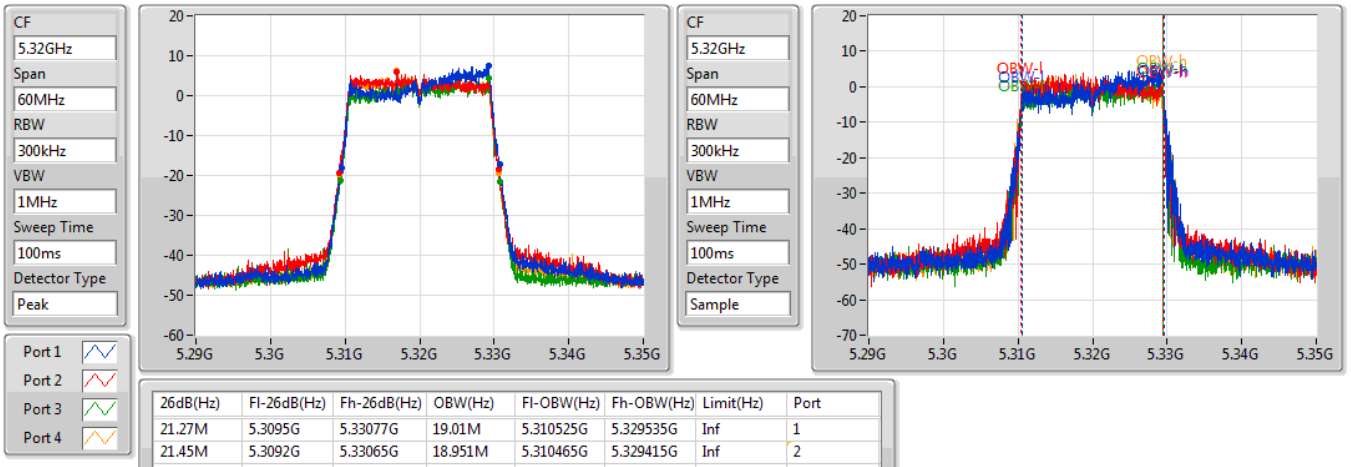


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.2892G	5.31065G	19.01M	5.290435G	5.309445G	Inf	1
21.54M	5.28929G	5.31083G	18.951M	5.290495G	5.309445G	Inf	2
21.39M	5.28926G	5.31065G	19.04M	5.290405G	5.309445G	Inf	3
21.51M	5.2892G	5.31071G	18.951M	5.290465G	5.309415G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

26/11/2020

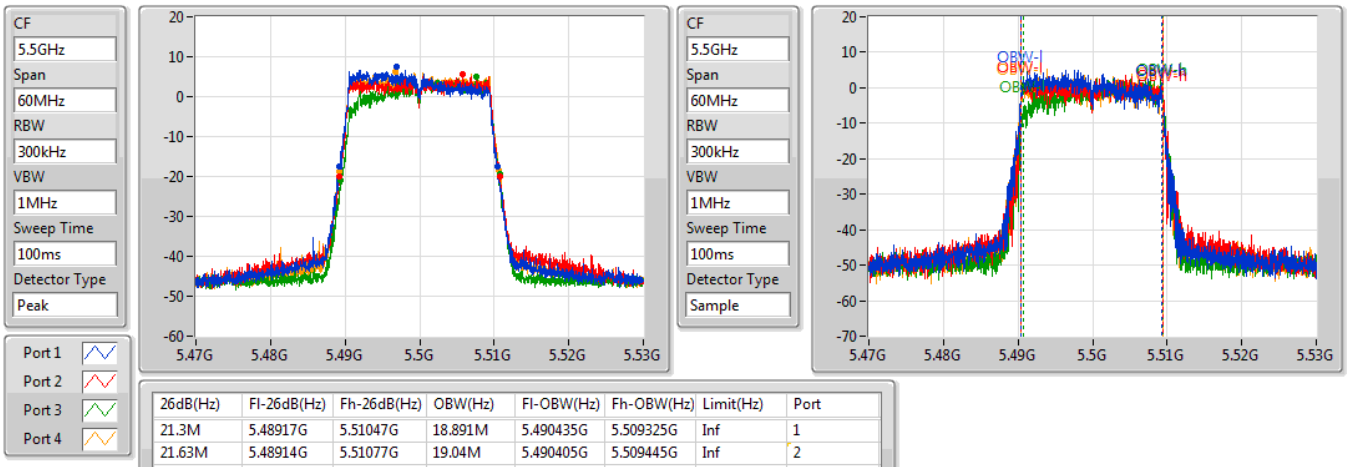


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.3095G	5.33077G	19.01M	5.310525G	5.329535G	Inf	1
21.45M	5.3092G	5.33065G	18.951M	5.310465G	5.329415G	Inf	2
21.48M	5.30935G	5.33083G	18.981M	5.310525G	5.329505G	Inf	3
21.39M	5.30929G	5.33068G	19.04M	5.310435G	5.329475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

26/11/2020

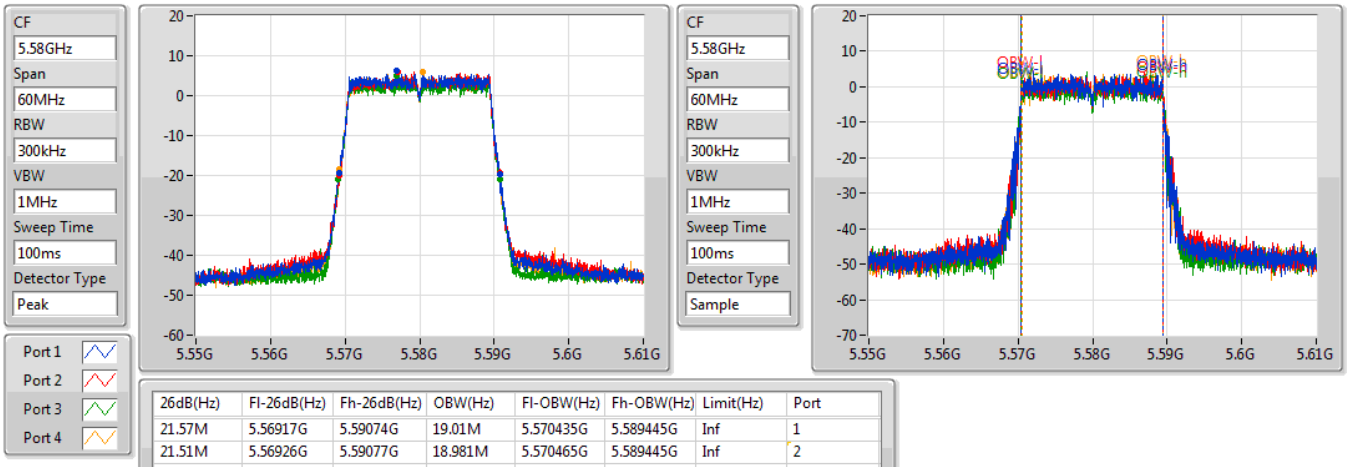


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.48917G	5.51047G	18.891M	5.490435G	5.509325G	Inf	1
21.63M	5.48914G	5.51077G	19.04M	5.490405G	5.509445G	Inf	2
21.33M	5.48938G	5.51071G	18.771M	5.490735G	5.509505G	Inf	3
21.48M	5.48917G	5.51065G	18.981M	5.490435G	5.509415G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

26/11/2020

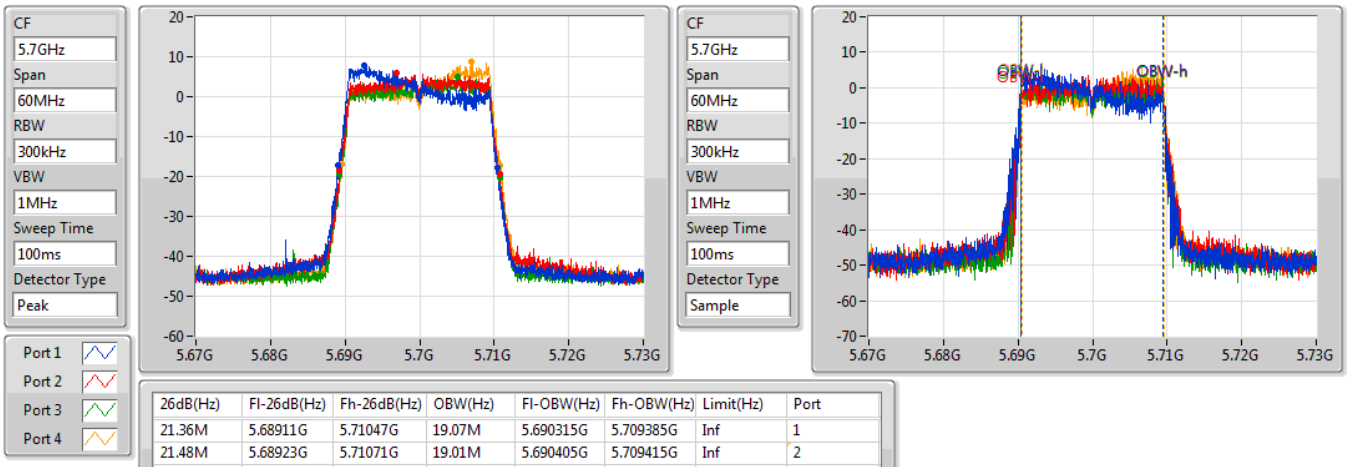


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.56917G	5.59074G	19.01M	5.570435G	5.589445G	Inf	1
21.51M	5.56926G	5.59077G	18.981M	5.570465G	5.589445G	Inf	2
21.69M	5.56911G	5.5908G	19.04M	5.570435G	5.589475G	Inf	3
21.51M	5.56929G	5.5908G	18.921M	5.570525G	5.589445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

26/11/2020



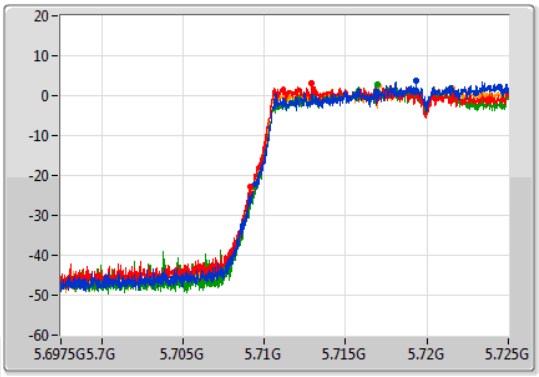
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.68911G	5.71047G	19.07M	5.690315G	5.709385G	Inf	1
21.48M	5.68923G	5.71071G	19.01M	5.690405G	5.709415G	Inf	2
21.48M	5.68926G	5.71074G	19.04M	5.690465G	5.709505G	Inf	3
21.3M	5.68953G	5.71083G	19.01M	5.690525G	5.709535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

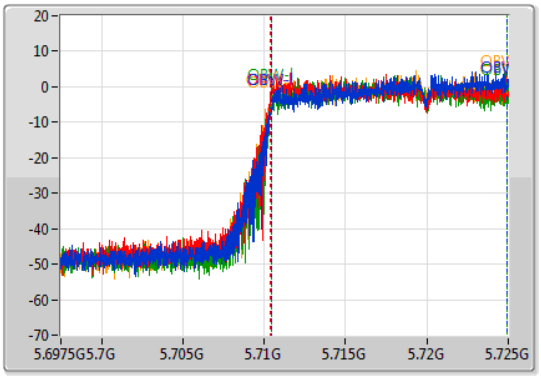
5720MHz Straddle 5.47-5.725GHz

26/11/2020

CF	5.71125GHz
Span	27.5MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.71125GHz
Span	27.5MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

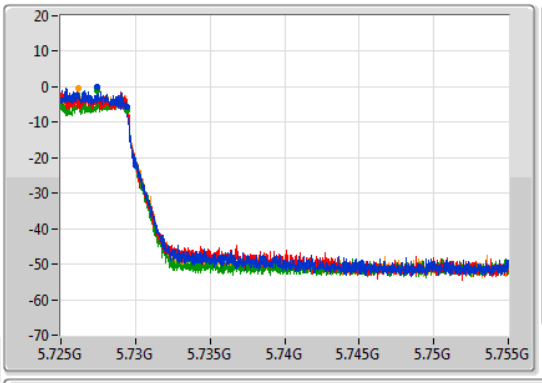
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.538M	5.709463G	5.725G	14.472M	5.71048G	5.724952G	Inf	1
15.84M	5.70916G	5.725G	14.54M	5.71037G	5.724911G	Inf	2
15.606M	5.709394G	5.725G	14.485M	5.710439G	5.724924G	Inf	3
15.716M	5.709284G	5.725G	14.526M	5.710412G	5.724938G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

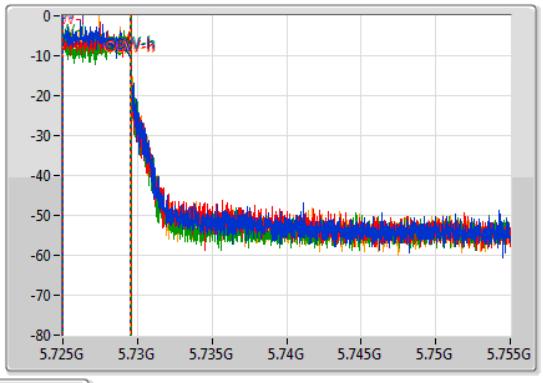
5720MHz Straddle 5.725-5.85GHz

26/11/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Sample



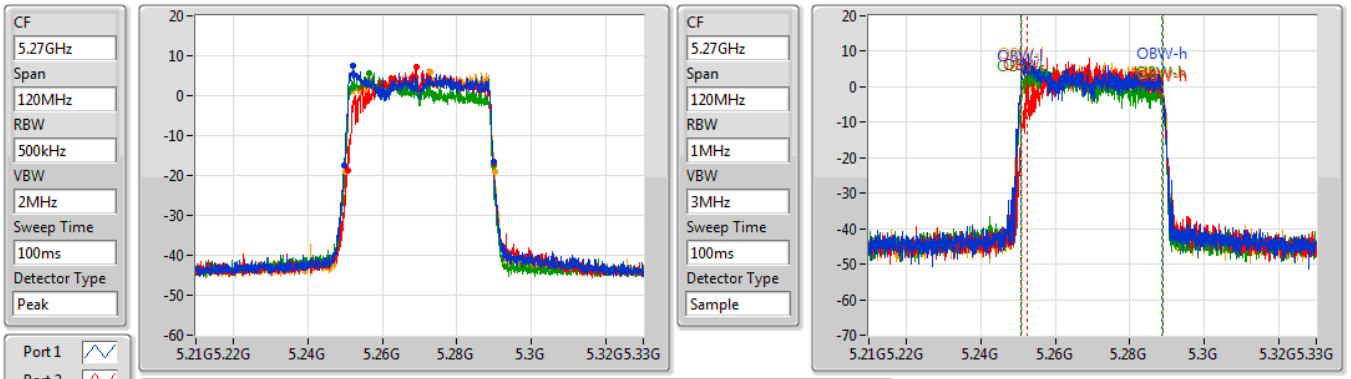
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	4.513M	5.725022G	5.729535G	500k	1
4.47M	5.725G	5.72947G	4.558M	5.725022G	5.72958G	500k	2
4.47M	5.725G	5.72947G	4.558M	5.725022G	5.72958G	500k	3
4.47M	5.725G	5.72947G	4.528M	5.725022G	5.72955G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

26/11/2020

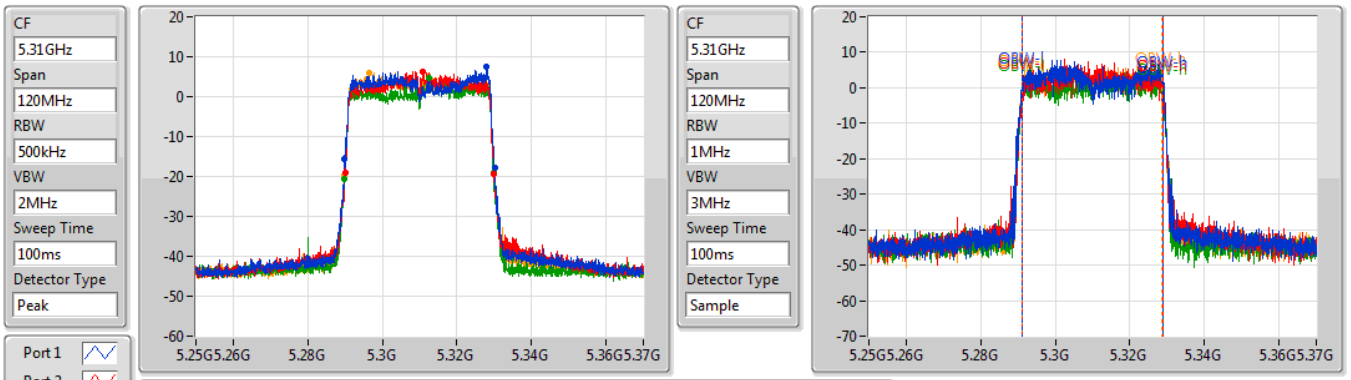


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.24972G	5.28986G	38.081M	5.25075G	5.288831G	Inf	1
39.24M	5.25062G	5.28986G	36.462M	5.252309G	5.288771G	Inf	2
39.84M	5.2499G	5.28974G	37.721M	5.25093G	5.288651G	Inf	3
40.14M	5.24996G	5.2901G	37.781M	5.251049G	5.288831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

26/11/2020

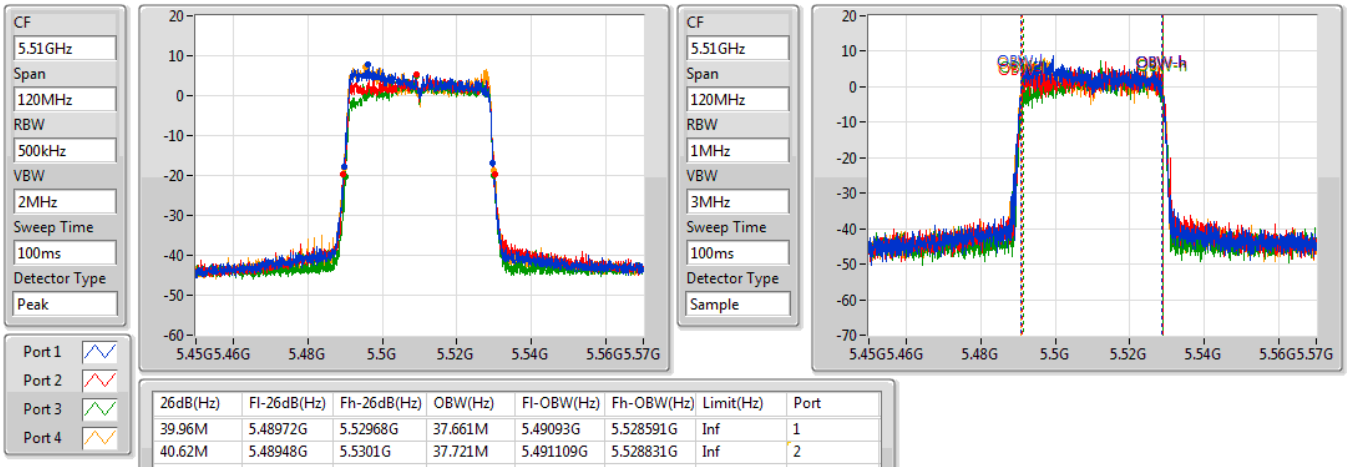


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.28972G	5.33016G	38.021M	5.29099G	5.32901G	Inf	1
39.96M	5.28996G	5.32992G	37.721M	5.291109G	5.328831G	Inf	2
40.14M	5.28984G	5.32998G	37.901M	5.291049G	5.328951G	Inf	3
40.14M	5.28978G	5.32992G	37.601M	5.291109G	5.328711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

26/11/2020

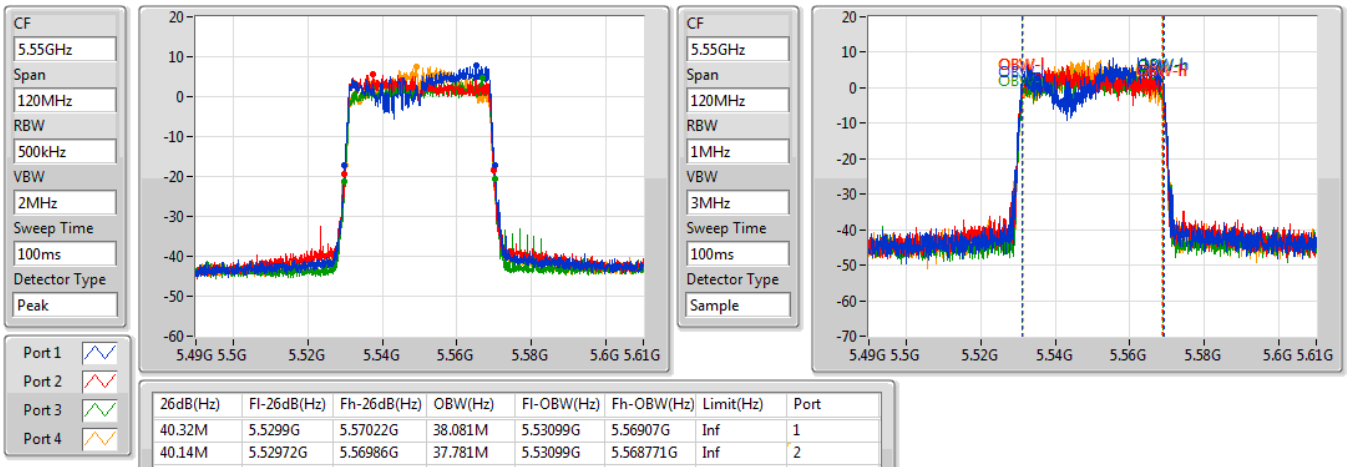


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.48972G	5.52968G	37.661M	5.49093G	5.528591G	Inf	1
40.62M	5.48948G	5.5301G	37.721M	5.491109G	5.528831G	Inf	2
40.02M	5.48996G	5.52998G	37.481M	5.491349G	5.528831G	Inf	3
40.26M	5.48966G	5.52992G	38.141M	5.49075G	5.528891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

26/11/2020

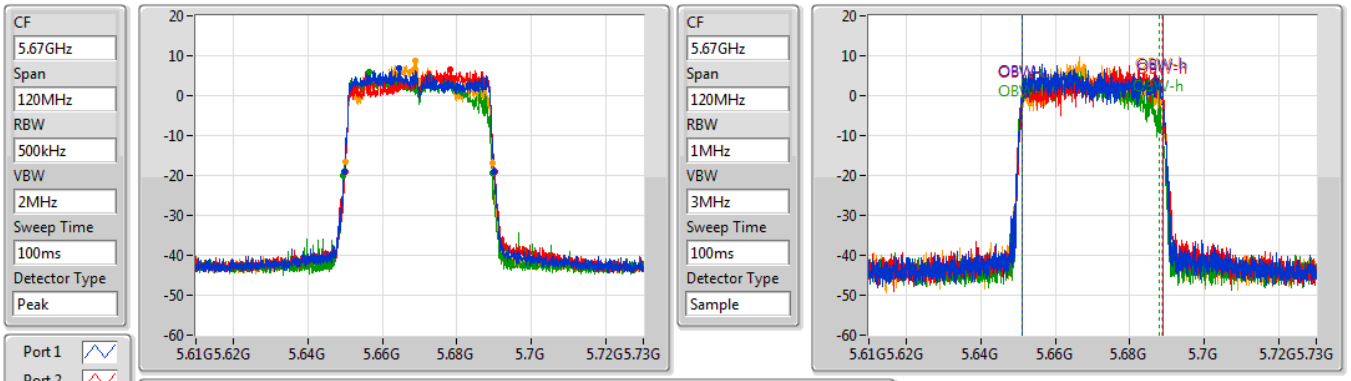


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.5299G	5.57022G	38.081M	5.53099G	5.56907G	Inf	1
40.14M	5.52972G	5.56986G	37.781M	5.53099G	5.568771G	Inf	2
40.26M	5.52984G	5.5701G	37.661M	5.531229G	5.568891G	Inf	3
39.72M	5.53002G	5.56974G	36.942M	5.531469G	5.568411G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

26/11/2020

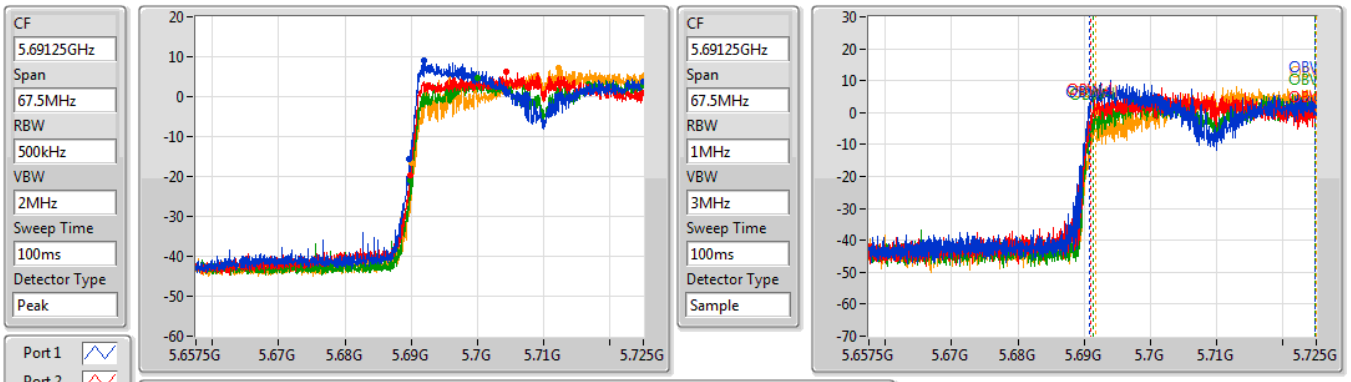


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.64972G	5.68998G	37.781M	5.651049G	5.688831G	Inf	1
40.2M	5.64996G	5.69016G	37.781M	5.651109G	5.688891G	Inf	2
39.9M	5.6496G	5.6895G	36.822M	5.65099G	5.687811G	Inf	3
39.6M	5.64996G	5.68956G	37.661M	5.65099G	5.688651G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

26/11/2020



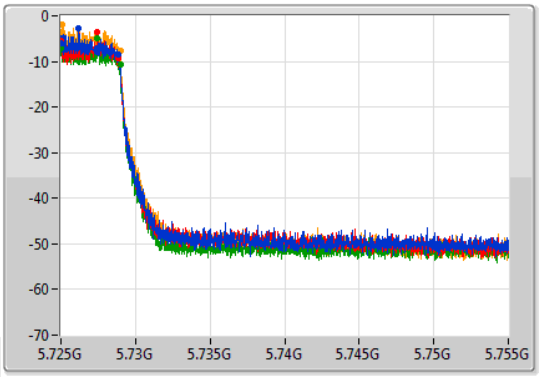
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.269M	5.689731G	5.725G	34.104M	5.69071G	5.724814G	Inf	1
35.235M	5.689765G	5.725G	33.733M	5.691014G	5.724747G	Inf	2
35.1M	5.6899G	5.725G	33.564M	5.691284G	5.724848G	Inf	3
34.898M	5.690103G	5.725G	33.16M	5.691756G	5.724916G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

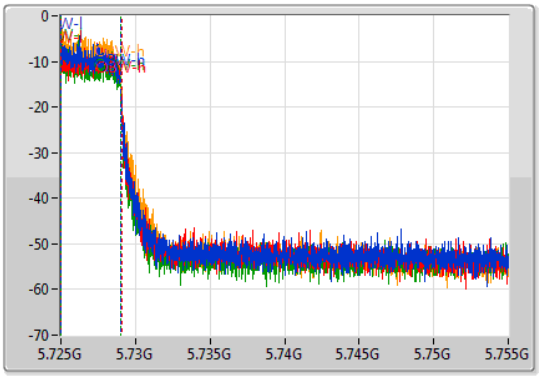
5710MHz Straddle 5.725-5.85GHz

26/11/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

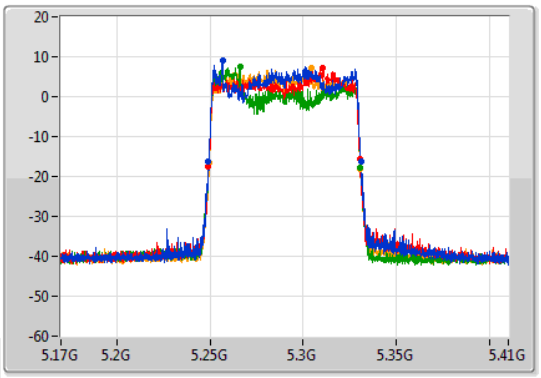
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.825M	5.725G	5.728825G	4.003M	5.725022G	5.729025G	500k	1
3.885M	5.725G	5.728885G	4.033M	5.725022G	5.729055G	500k	2
3.975M	5.725G	5.728975G	4.033M	5.725007G	5.72904G	500k	3
3.975M	5.725G	5.728975G	4.003M	5.725022G	5.729025G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

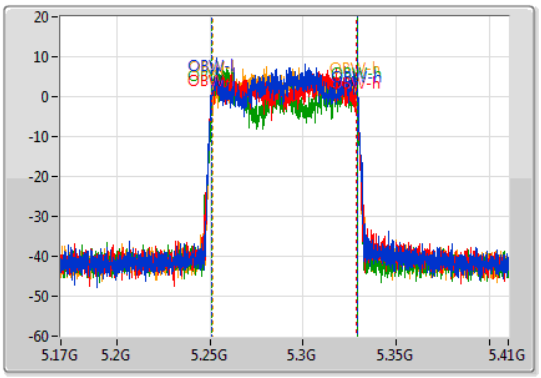
5290MHz

26/11/2020

CF	5.29GHz
Span	240MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.29GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



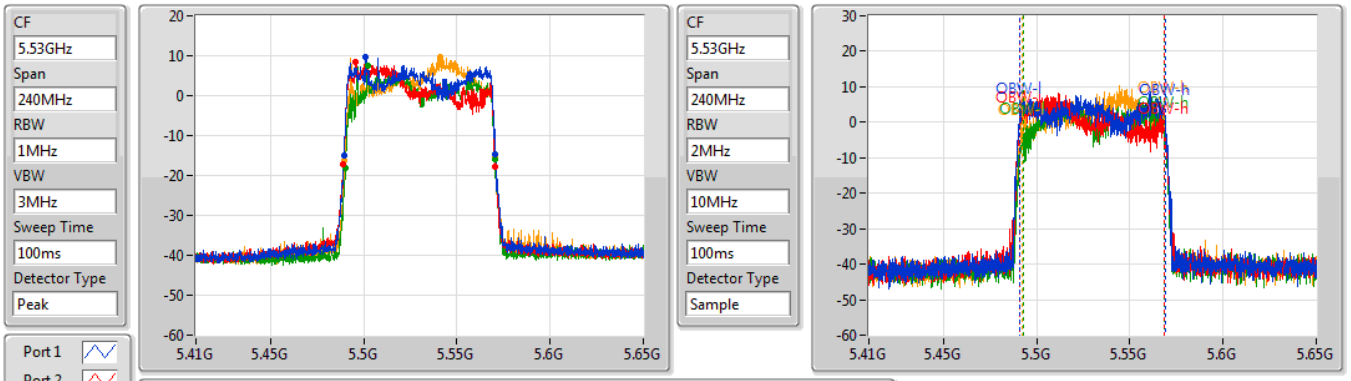
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.24908G	5.33092G	78.081M	5.2509G	5.328981G	Inf	1
81.36M	5.2492G	5.33056G	77.721M	5.25078G	5.328501G	Inf	2
81.48M	5.2492G	5.33068G	78.201M	5.25078G	5.328981G	Inf	3
81.12M	5.24944G	5.33056G	77.121M	5.251499G	5.328621G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

26/11/2020

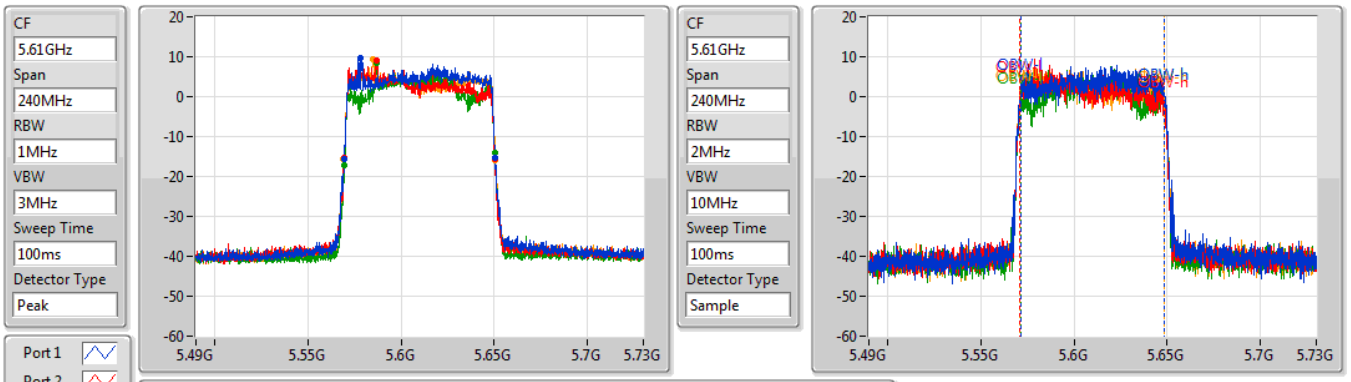


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.48932G	5.57068G	78.081M	5.49078G	5.568861G	Inf	1
81.48M	5.4892G	5.57068G	77.721M	5.49078G	5.568501G	Inf	2
80.28M	5.49016G	5.57044G	75.682M	5.492819G	5.568501G	Inf	3
80.64M	5.4898G	5.57044G	76.282M	5.492219G	5.568501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

26/11/2020



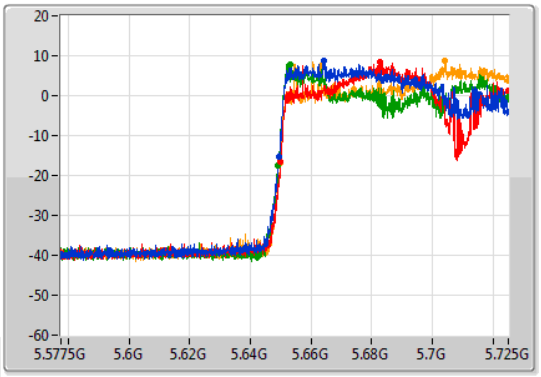
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.56944G	5.65068G	77.121M	5.571499G	5.648621G	Inf	1
80.88M	5.56944G	5.65032G	77.121M	5.571139G	5.648261G	Inf	2
80.76M	5.56956G	5.65032G	77.241M	5.571379G	5.648621G	Inf	3
81.6M	5.56908G	5.65068G	77.601M	5.571139G	5.648741G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

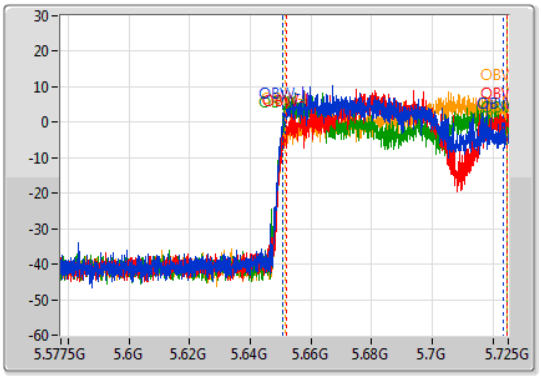
5690MHz Straddle 5.47-5.725GHz

26/11/2020

CF	5.65125GHz
Span	147.5MHz
RBW	1MHz
VBW	3MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.65125GHz
Span	147.5MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

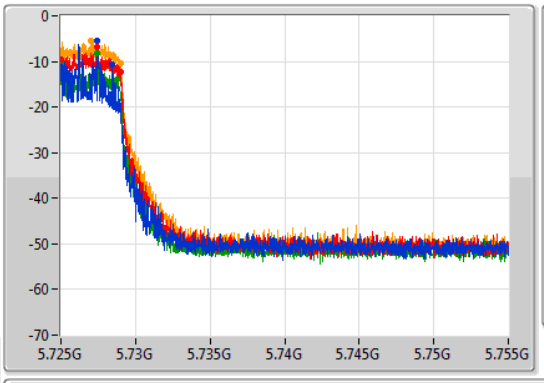
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.741M	5.649259G	5.725G	72.607M	5.650808G	5.723415G	Inf	1
75.225M	5.649775G	5.725G	72.755M	5.651766G	5.724521G	Inf	2
75.963M	5.649038G	5.725G	74.082M	5.650439G	5.724521G	Inf	3
75.225M	5.649775G	5.725G	73.197M	5.651545G	5.724742G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

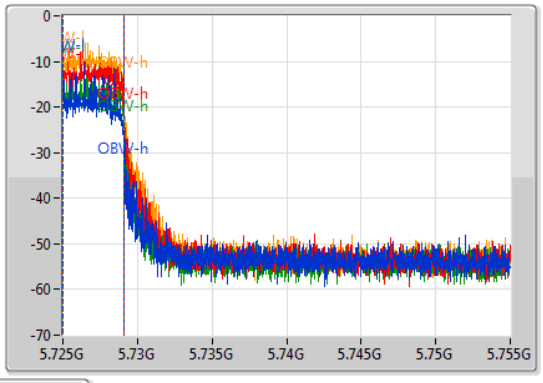
5690MHz Straddle 5.725-5.85GHz

26/11/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

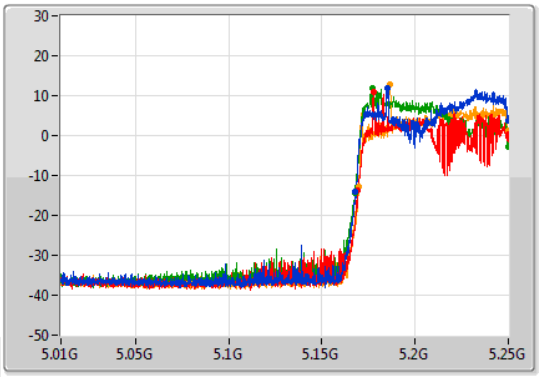
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.405M	5.725015G	5.72842G	4.108M	5.725007G	5.729115G	500k	1
3.99M	5.725G	5.72899G	4.063M	5.725022G	5.729085G	500k	2
3.75M	5.725G	5.72875G	4.123M	5.725007G	5.72913G	500k	3
3.99M	5.725G	5.72899G	4.048M	5.725022G	5.72907G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

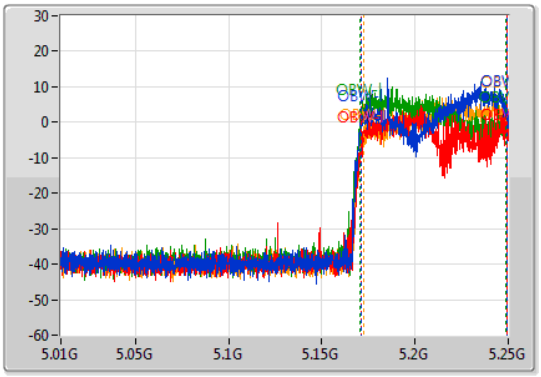
5250MHz Straddle 5.15-5.25GHz

26/11/2020

CF	5.13GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.13GHz
Span	240MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

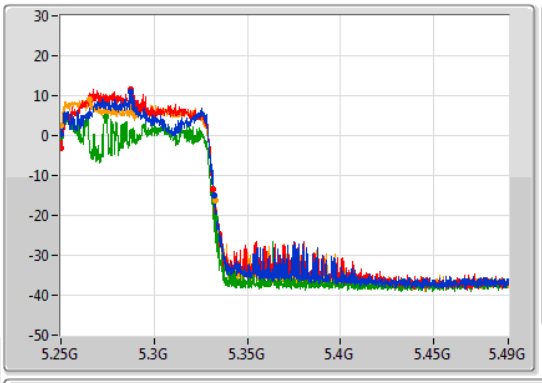
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.16804G	5.25G	78.441M	5.171019G	5.24946G	Inf	1
80.64M	5.16936G	5.25G	78.441M	5.171139G	5.24958G	Inf	2
82.32M	5.16768G	5.25G	77.841M	5.17054G	5.248381G	Inf	3
80.52M	5.16948G	5.25G	77.241M	5.172219G	5.24946G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

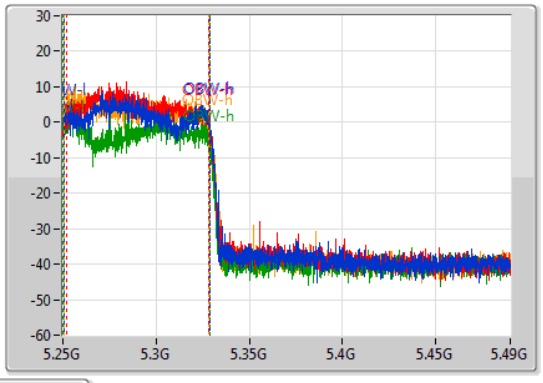
5250MHz Straddle 5.25-5.35GHz

26/11/2020

CF	5.37GHz
Span	240MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.37GHz
Span	240MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Sample



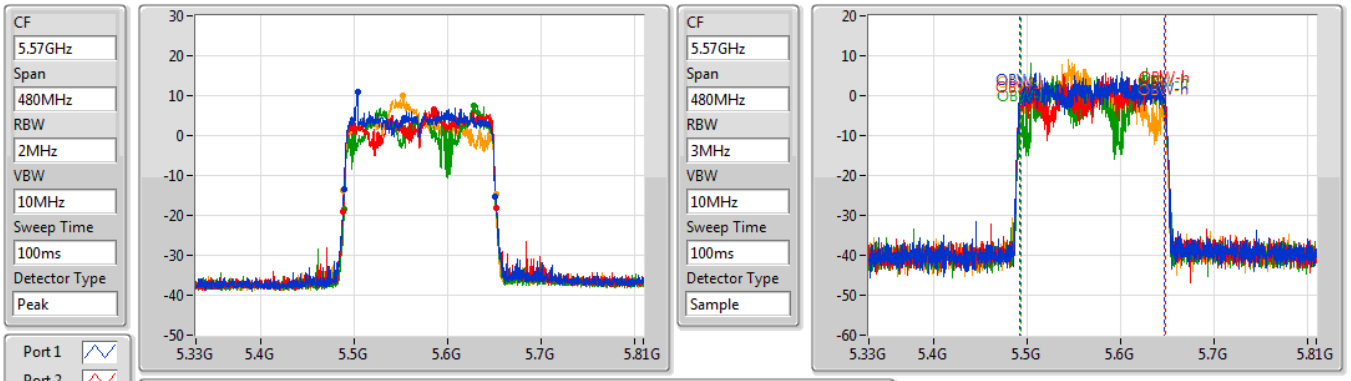
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.25G	5.33208G	78.321M	5.25078G	5.3291G	Inf	1
81.72M	5.25G	5.33172G	76.522M	5.251739G	5.328261G	Inf	2
82.8M	5.25G	5.3328G	78.441M	5.2503G	5.328741G	Inf	3
82.68M	5.25G	5.33268G	77.601M	5.25066G	5.328261G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

26/11/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.48M	5.48888G	5.65136G	155.682M	5.491799G	5.647481G	Inf	1
164.88M	5.48792G	5.6528G	155.922M	5.492039G	5.647961G	Inf	2
163.92M	5.48864G	5.65256G	153.763M	5.493718G	5.647481G	Inf	3
163.2M	5.4884G	5.6516G	153.523M	5.492759G	5.646282G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	19.31	0.08531	24.85	0.30549
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	17.99	0.06295	23.66	0.23227
802.11ax HEW20_Nss1,(MCS0)_4TX	18.43	0.06966	24.10	0.25704
802.11ax HEW40_Nss1,(MCS0)_4TX	20.76	0.11912	26.43	0.43954
802.11ax HEW80_Nss1,(MCS0)_4TX	21.17	0.13092	26.84	0.48306
802.11ax HEW160_Nss1,(MCS0)_4TX	19.31	0.08531	24.98	0.31477
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.15	0.06531	23.63	0.23067
802.11ax HEW20_Nss1,(MCS0)_4TX	18.33	0.06808	23.81	0.24044
802.11ax HEW40_Nss1,(MCS0)_4TX	20.80	0.12023	26.28	0.42462
802.11ax HEW80_Nss1,(MCS0)_4TX	23.95	0.24831	29.43	0.87700
802.11ax HEW160_Nss1,(MCS0)_4TX	21.86	0.15346	27.34	0.54200
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.86	0.01219	16.40	0.04365
802.11ax HEW20_Nss1,(MCS0)_4TX	12.42	0.01746	17.96	0.06252
802.11ax HEW40_Nss1,(MCS0)_4TX	11.08	0.01282	16.62	0.04592
802.11ax HEW80_Nss1,(MCS0)_4TX	10.52	0.01127	16.06	0.04036

Result

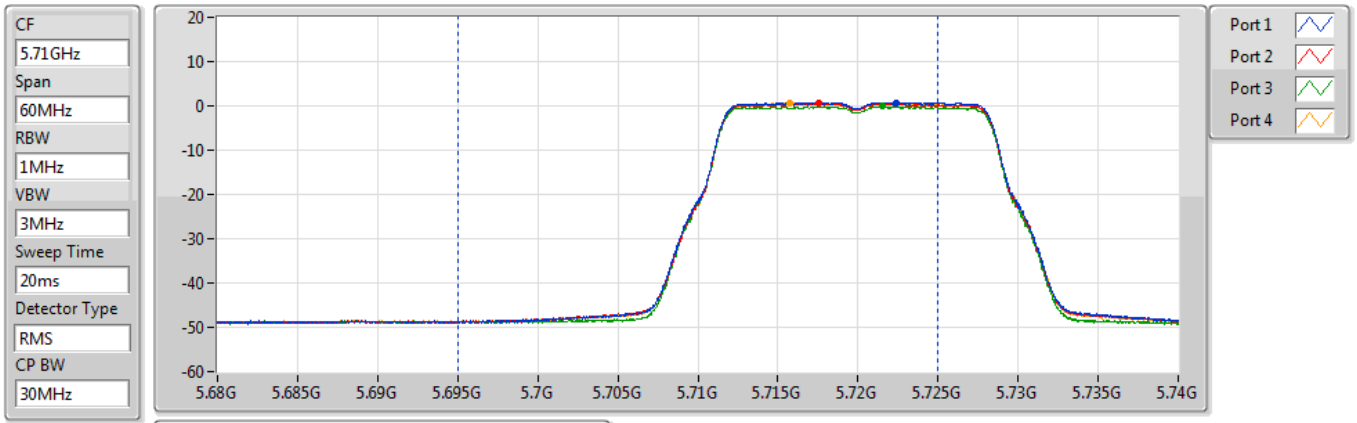
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.672	11.80	12.13	11.68	11.85	17.89	23.98	23.56	30.00
5300MHz	Pass	5.672	12.10	12.25	11.53	11.98	17.99	23.98	23.66	30.00
5320MHz	Pass	5.672	12.06	12.02	11.44	11.85	17.87	23.98	23.54	30.00
5500MHz	Pass	5.481	12.51	12.28	11.69	11.98	18.15	23.98	23.63	30.00
5580MHz	Pass	5.481	11.87	11.55	11.24	11.75	17.63	23.98	23.11	30.00
5700MHz	Pass	5.481	12.27	11.82	11.10	11.71	17.77	23.98	23.25	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.481	11.38	11.10	10.48	11.21	17.08	22.94	22.56	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.537	5.50	4.78	4.11	4.86	10.86	30.00	16.40	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.672	12.24	12.38	11.97	12.45	18.28	23.98	23.95	30.00
5300MHz	Pass	5.672	12.43	12.69	11.83	12.63	18.43	23.98	24.10	30.00
5320MHz	Pass	5.672	12.04	12.17	11.47	11.90	17.92	23.98	23.59	30.00
5500MHz	Pass	5.481	12.59	12.33	11.94	11.93	18.23	23.98	23.71	30.00
5580MHz	Pass	5.481	12.73	12.23	11.90	12.35	18.33	23.98	23.81	30.00
5700MHz	Pass	5.481	12.75	12.34	11.46	12.09	18.21	23.98	23.69	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.481	11.98	11.82	11.14	12.00	17.77	22.96	23.25	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.537	7.01	6.28	5.72	6.49	12.42	30.00	17.96	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.672	14.78	15.27	14.05	14.76	20.76	23.98	26.43	30.00
5310MHz	Pass	5.672	13.99	14.25	13.25	14.22	19.97	23.98	25.64	30.00
5510MHz	Pass	5.481	15.40	14.60	14.27	14.49	20.73	23.98	26.21	30.00
5550MHz	Pass	5.481	15.47	14.53	14.33	14.69	20.80	23.98	26.28	30.00
5670MHz	Pass	5.481	14.87	14.68	13.93	14.26	20.47	23.98	25.95	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.481	15.51	14.73	13.94	14.72	20.78	23.98	26.26	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.537	5.89	5.03	4.09	5.04	11.08	30.00	16.62	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.672	15.26	15.59	14.72	14.98	21.17	23.98	26.84	30.00
5530MHz	Pass	5.481	16.73	16.10	15.64	16.08	22.18	23.98	27.66	30.00
5610MHz	Pass	5.481	18.10	17.28	17.09	17.19	23.45	23.98	28.93	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.481	18.61	17.78	17.61	17.62	23.95	23.98	29.43	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.537	5.32	4.87	3.55	4.04	10.52	30.00	16.06	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.541	13.29	13.41	13.32	13.15	19.31	23.98	24.85	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.672	13.45	13.63	12.69	13.34	19.31	23.98	24.98	30.00
5570MHz	Pass	5.481	16.22	15.71	15.71	15.71	21.86	23.98	27.34	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

19/11/2020

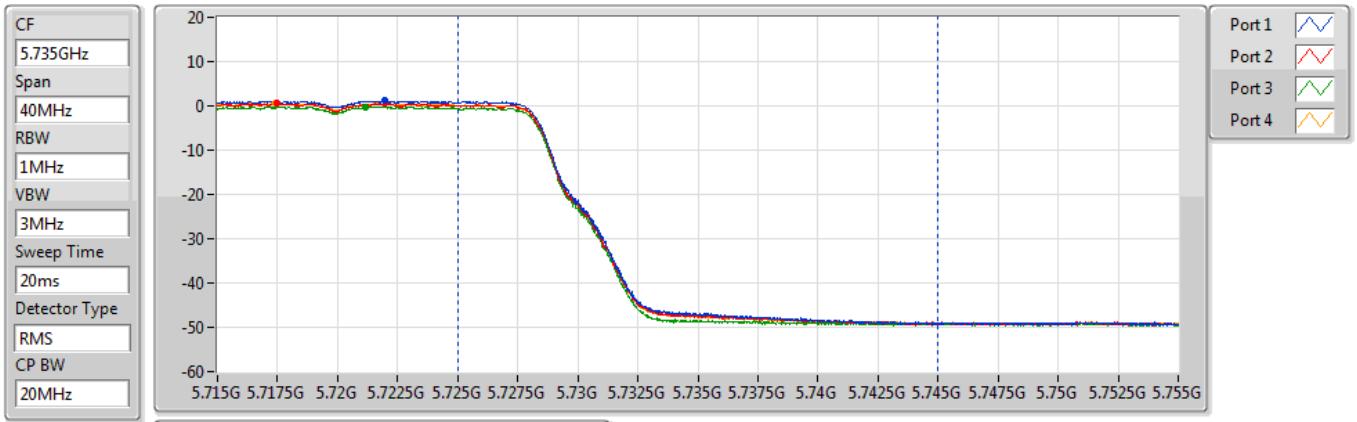


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.08	11.38	11.10	10.48	11.21

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

19/11/2020

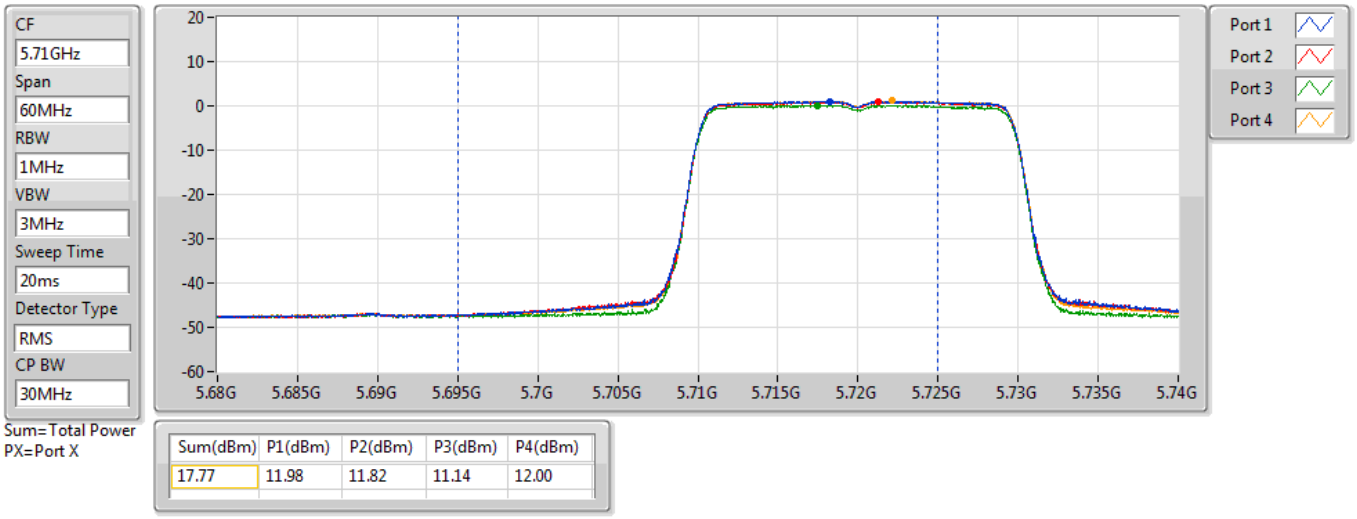


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.86	5.50	4.78	4.11	4.86

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

19/11/2020

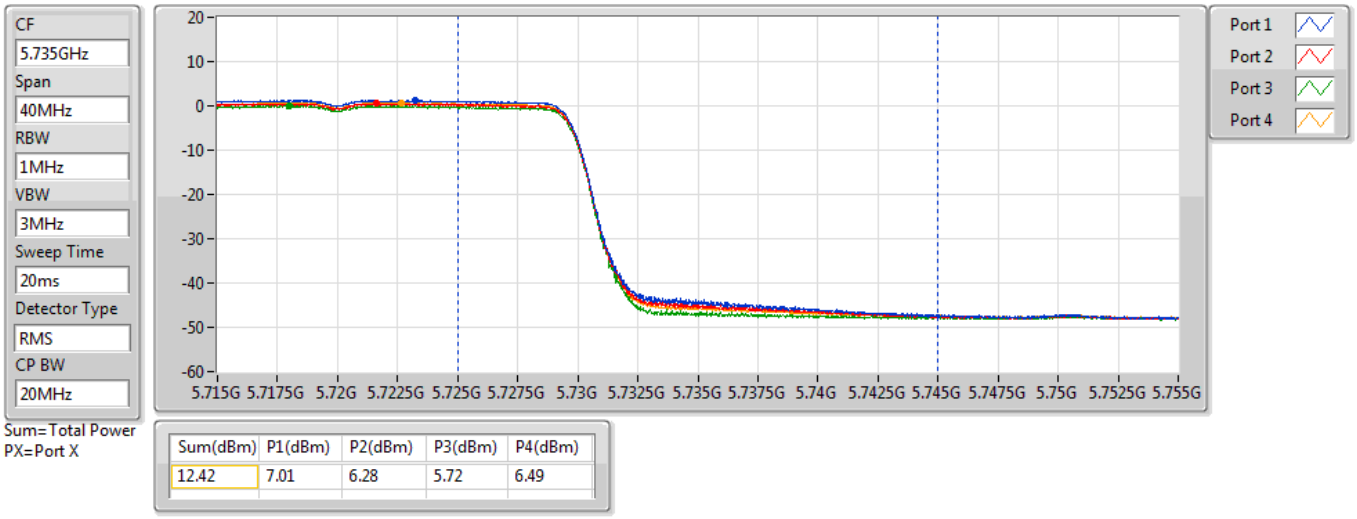


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.77	11.98	11.82	11.14	12.00

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

19/11/2020

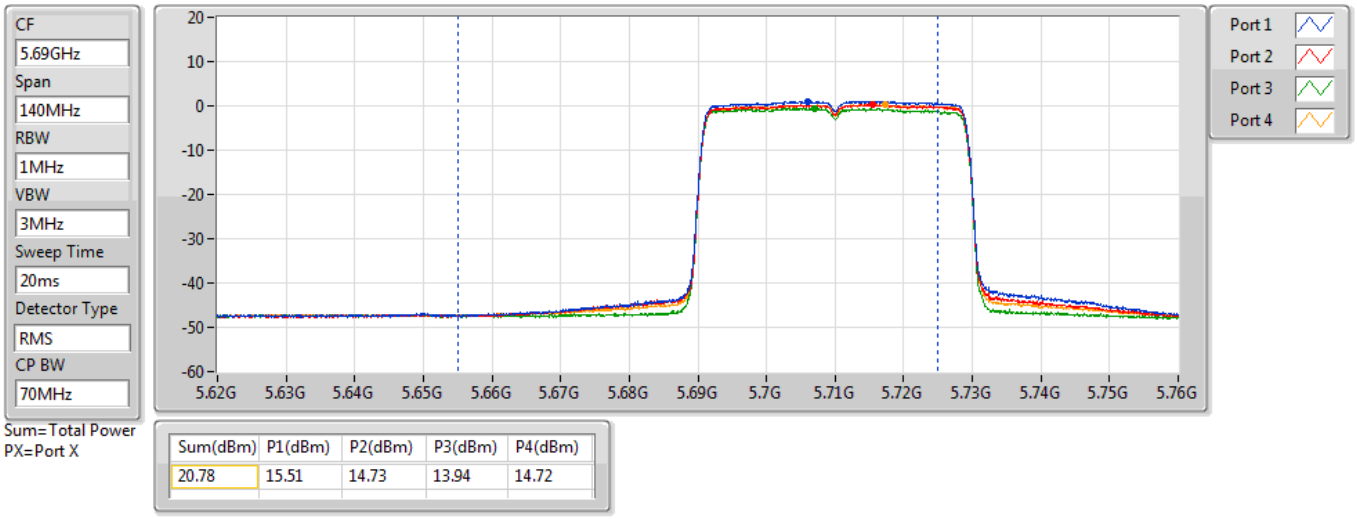


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.42	7.01	6.28	5.72	6.49

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

19/11/2020

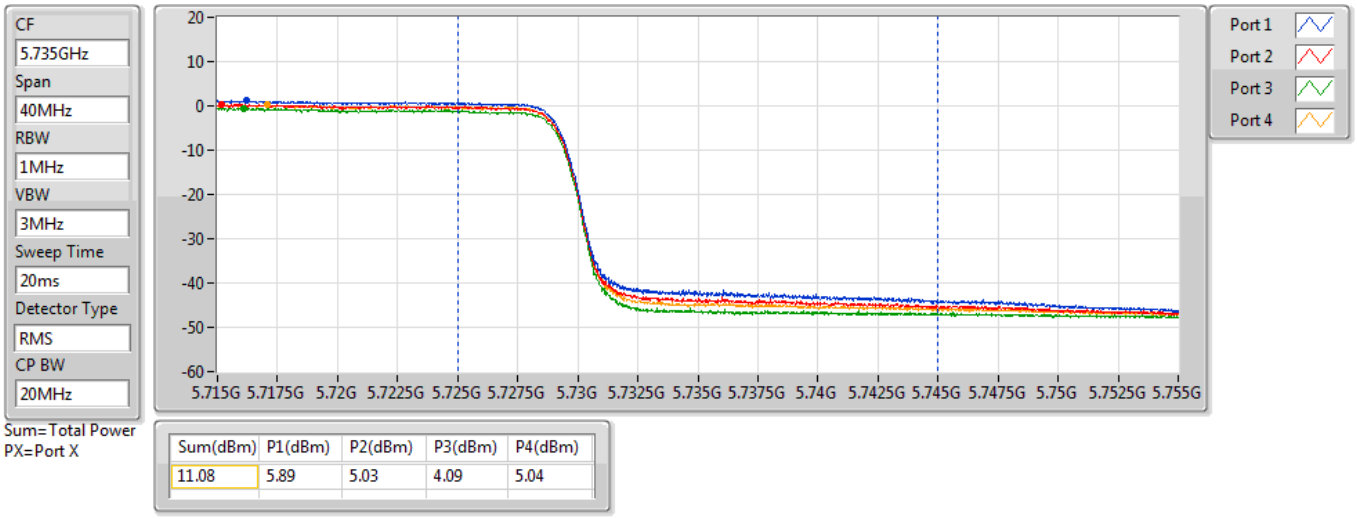


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.78	15.51	14.73	13.94	14.72

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

19/11/2020

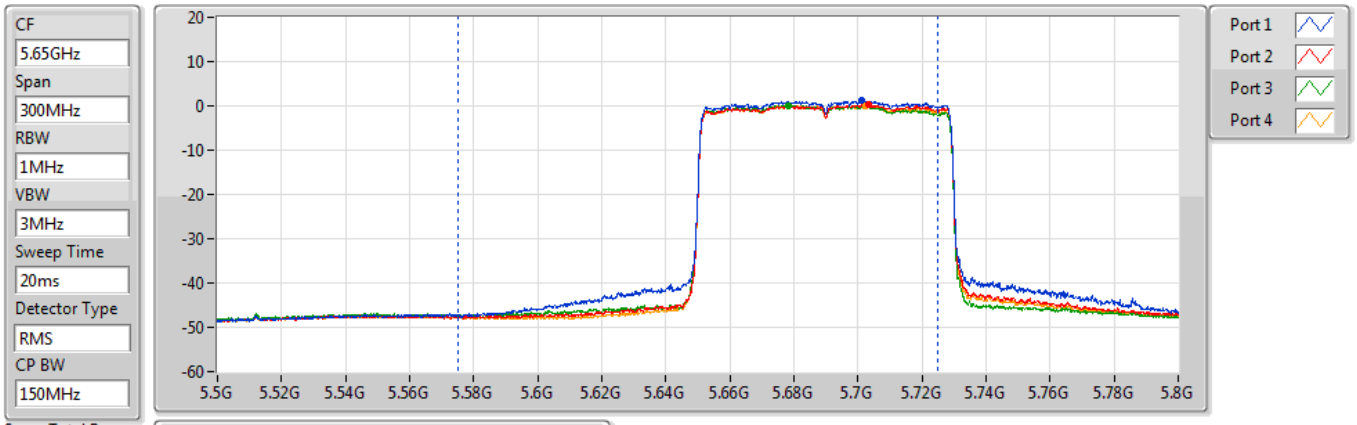


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.08	5.89	5.03	4.09	5.04

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

23/11/2020

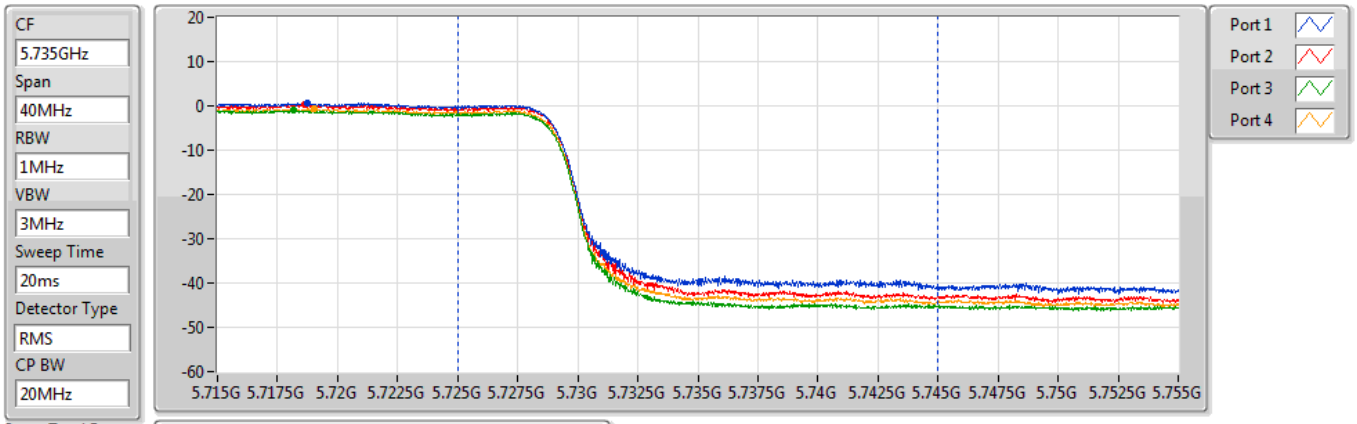


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.95	18.61	17.78	17.61	17.62

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

23/11/2020

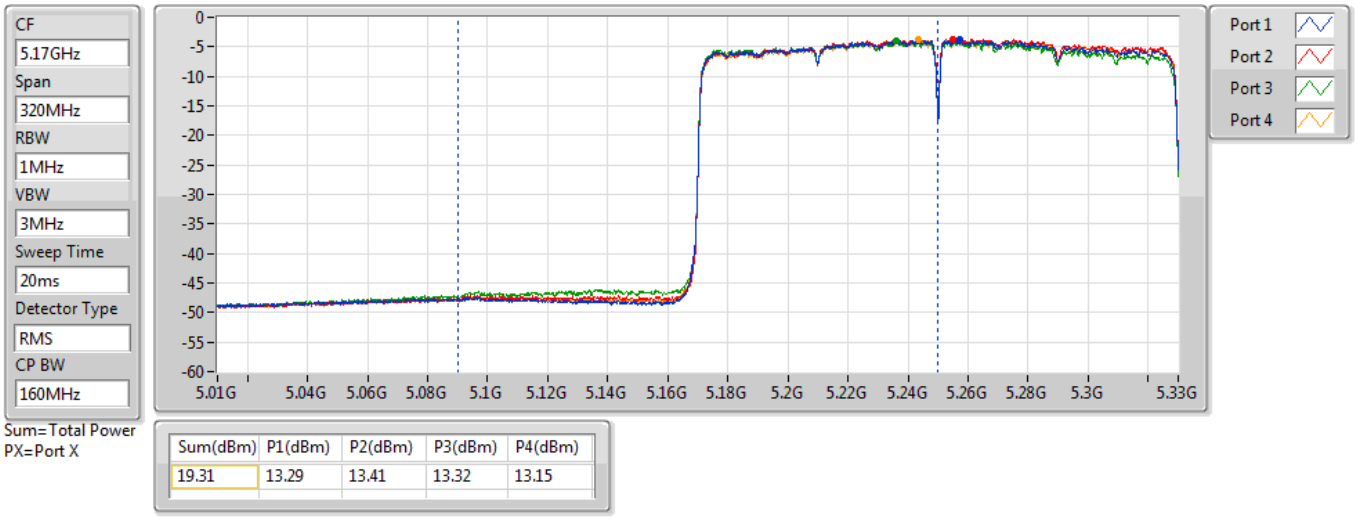


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.52	5.32	4.87	3.55	4.04

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

17/11/2020

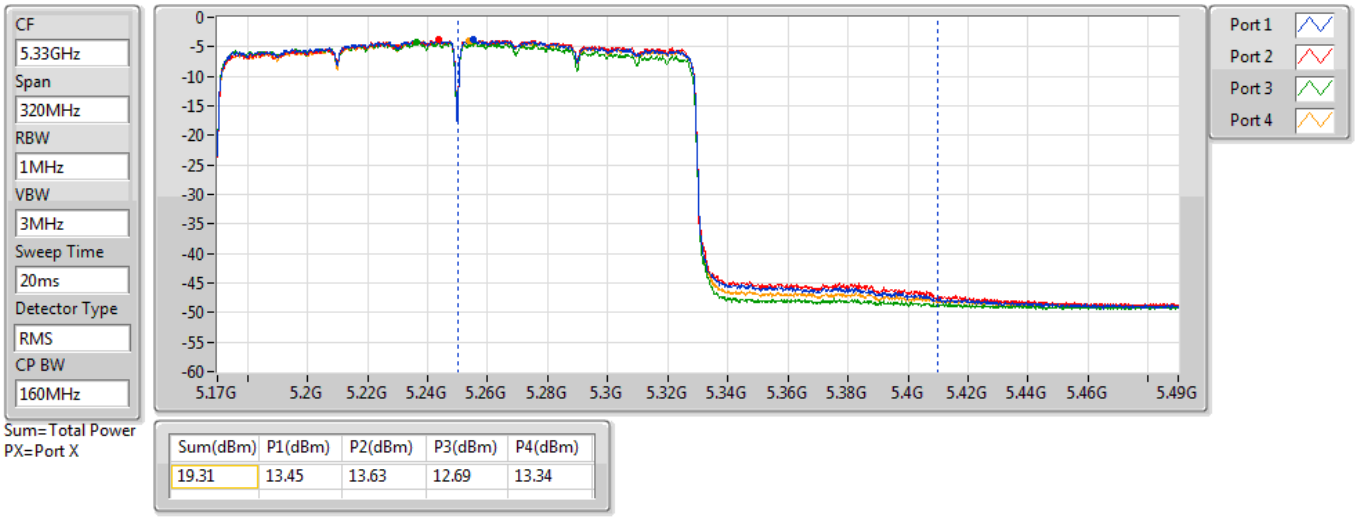


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.31	13.29	13.41	13.32	13.15

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

17/11/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.31	13.45	13.63	12.69	13.34

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.18	0.05224	28.74	0.74817
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.70	0.05888	29.39	0.86896
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.74	0.05943	29.43	0.87700
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.63	0.05794	29.32	0.85507
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.09	0.05117	28.78	0.75509
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.82	0.06053	29.32	0.85507
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.96	0.06252	29.46	0.88308
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.99	0.06295	29.49	0.88920
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.85	0.06095	29.35	0.86099
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.72	0.01486	23.28	0.21281
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.98	0.00628	19.54	0.08995
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.28	0.00268	15.84	0.03837

Result

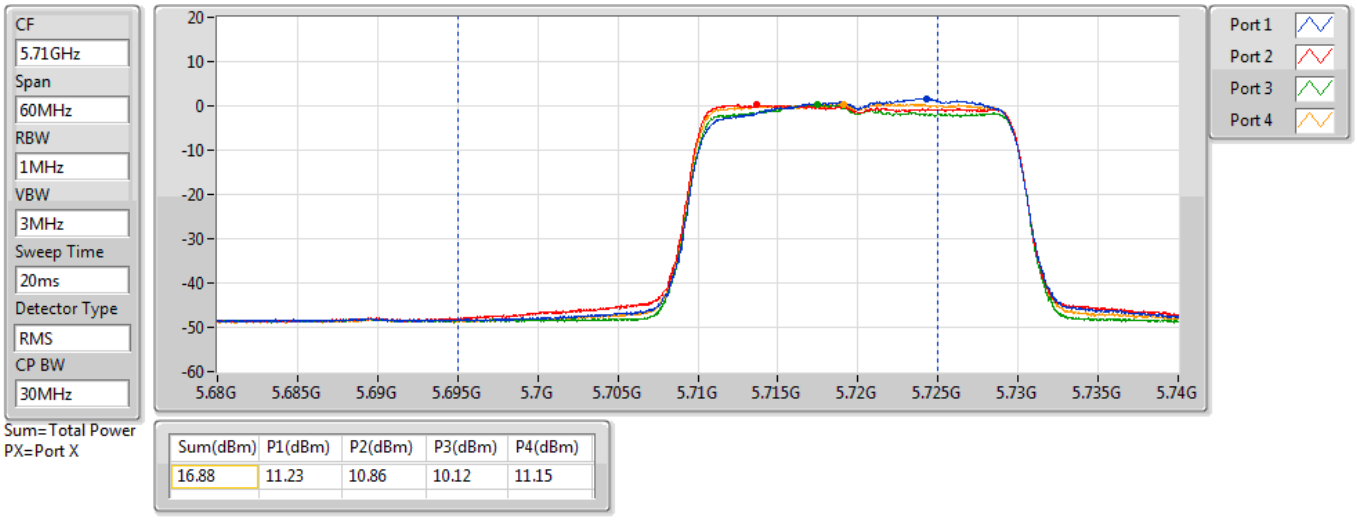
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.693	11.70	11.70	10.57	12.20	17.60	18.29	29.29	30.00
5300MHz	Pass	11.693	11.92	12.29	10.14	12.06	17.70	18.29	29.39	30.00
5320MHz	Pass	11.693	11.28	11.46	10.35	11.31	17.14	18.29	28.83	30.00
5500MHz	Pass	11.502	12.32	11.82	10.88	11.92	17.79	18.48	29.29	30.00
5580MHz	Pass	11.502	11.72	11.96	11.33	12.15	17.82	18.48	29.32	30.00
5700MHz	Pass	11.502	11.52	11.52	10.47	12.39	17.55	18.48	29.05	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.502	11.23	10.86	10.12	11.15	16.88	17.41	28.38	28.91
5720MHz Straddle 5.725-5.85GHz	Pass	11.558	6.58	5.41	4.37	6.12	11.72	24.44	23.28	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.693	11.60	12.27	10.92	11.95	17.73	18.29	29.42	30.00
5310MHz	Pass	11.693	12.33	11.87	10.31	12.10	17.74	18.29	29.43	30.00
5510MHz	Pass	11.502	13.17	11.30	10.70	11.85	17.87	18.48	29.37	30.00
5550MHz	Pass	11.502	12.70	11.76	10.60	12.34	17.94	18.48	29.44	30.00
5670MHz	Pass	11.502	12.45	11.55	11.12	12.10	17.86	18.48	29.36	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.502	12.49	11.95	10.71	12.39	17.96	18.48	29.46	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.558	1.95	1.25	-0.09	3.80	7.98	24.44	19.54	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.693	12.27	11.97	9.92	11.90	17.63	18.29	29.32	30.00
5530MHz	Pass	11.502	12.36	11.40	10.96	12.45	17.86	18.48	29.36	30.00
5610MHz	Pass	11.502	12.74	11.99	10.65	12.13	17.96	18.48	29.46	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.502	12.84	11.96	10.61	12.19	17.99	18.48	29.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.558	-8.23	-0.79	-5.67	1.53	4.28	24.44	15.84	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.562	12.58	9.81	10.33	11.39	17.18	18.42	28.74	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	11.693	10.74	12.05	9.53	11.57	17.09	18.29	28.78	30.00
5570MHz	Pass	11.502	12.56	11.29	10.83	12.39	17.85	18.48	29.35	30.00

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

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

5720MHz Straddle 5.47-5.725GHz_TnomVnom

26/11/2020

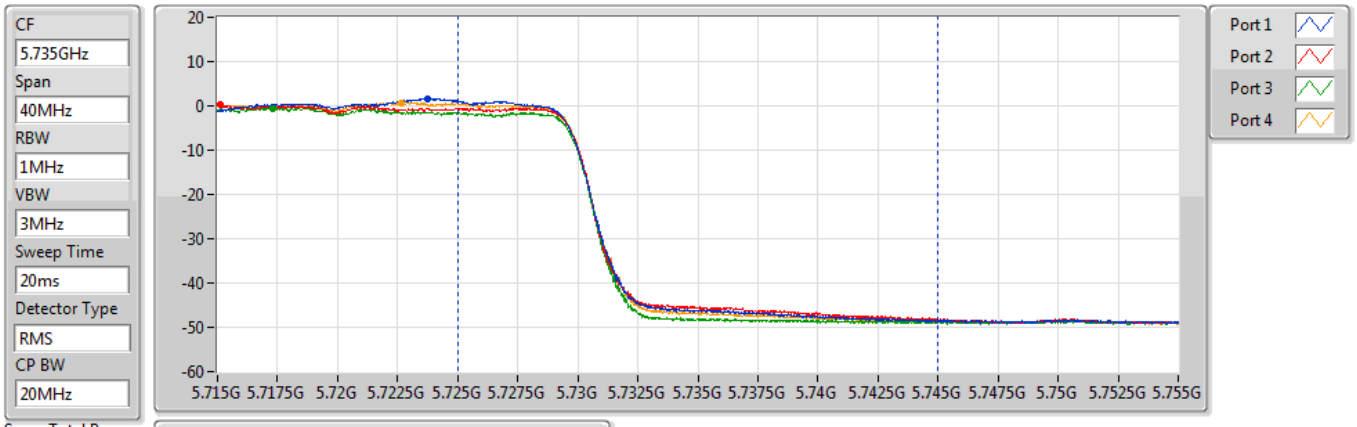


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.88	11.23	10.86	10.12	11.15

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

5720MHz Straddle 5.725-5.85GHz_TnomVnom

26/11/2020

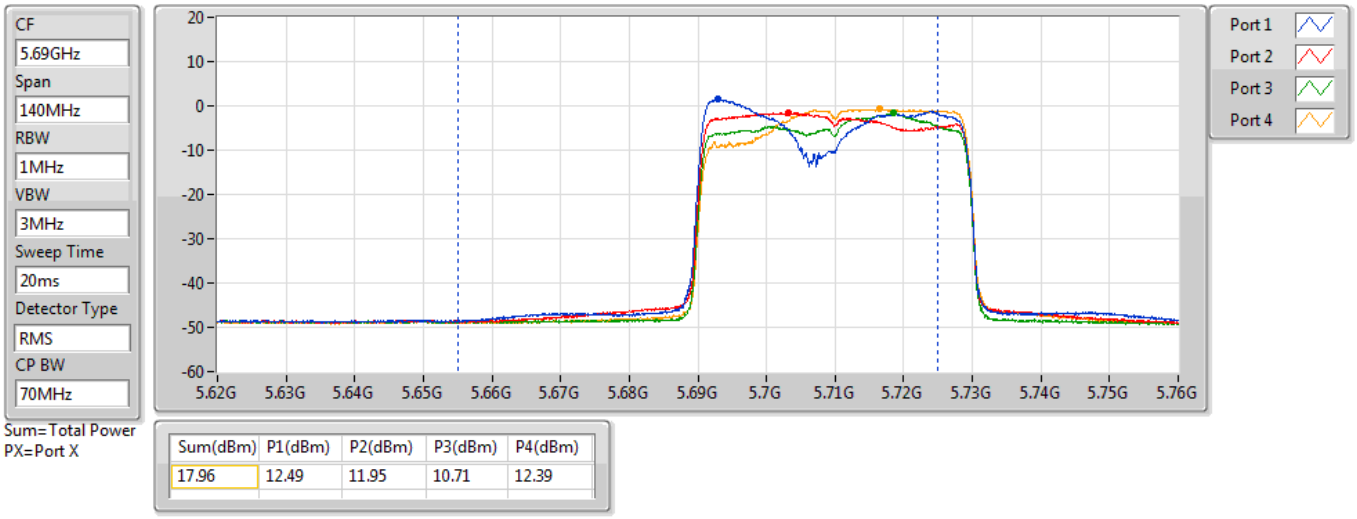


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.72	6.58	5.41	4.37	6.12

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

5710MHz Straddle 5.47-5.725GHz_TnomVnom

26/11/2020

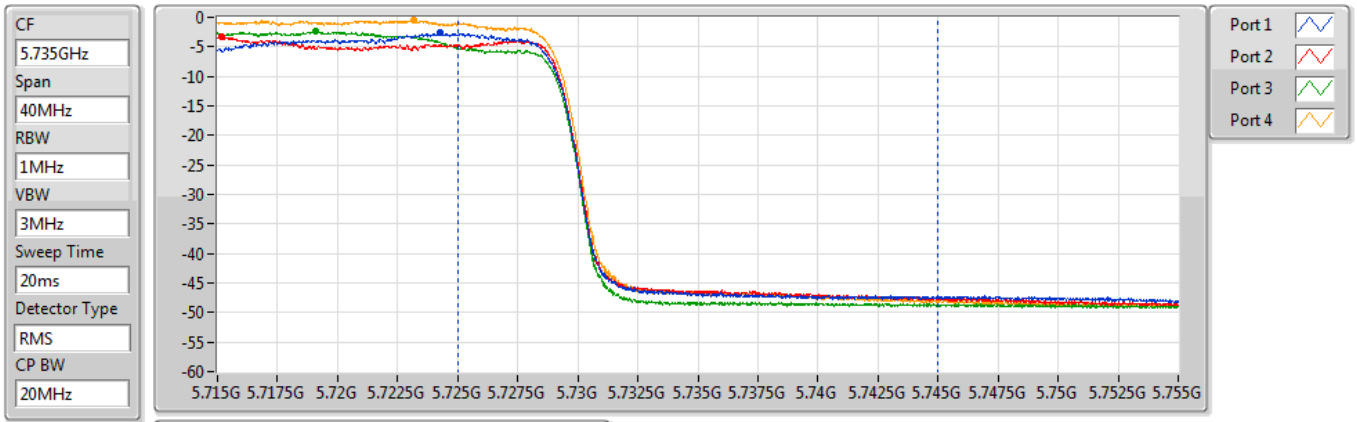


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.96	12.49	11.95	10.71	12.39

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

5710MHz Straddle 5.725-5.85GHz_TnomVnom

26/11/2020

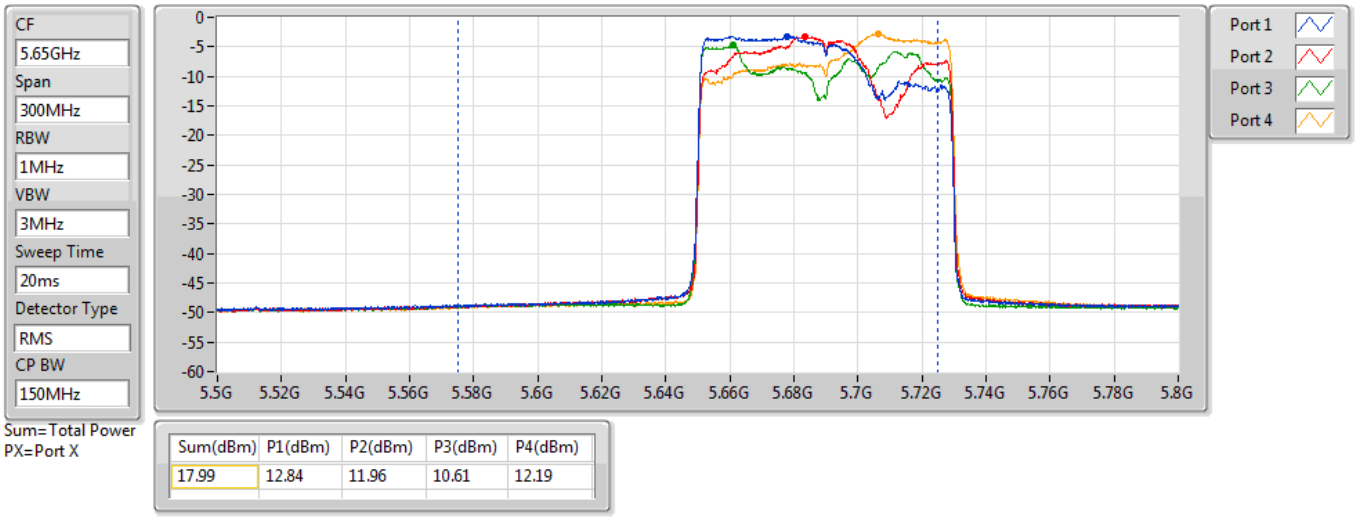


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.98	1.95	1.25	-0.09	3.80

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

5690MHz Straddle 5.47-5.725GHz_TnomVnom

26/11/2020

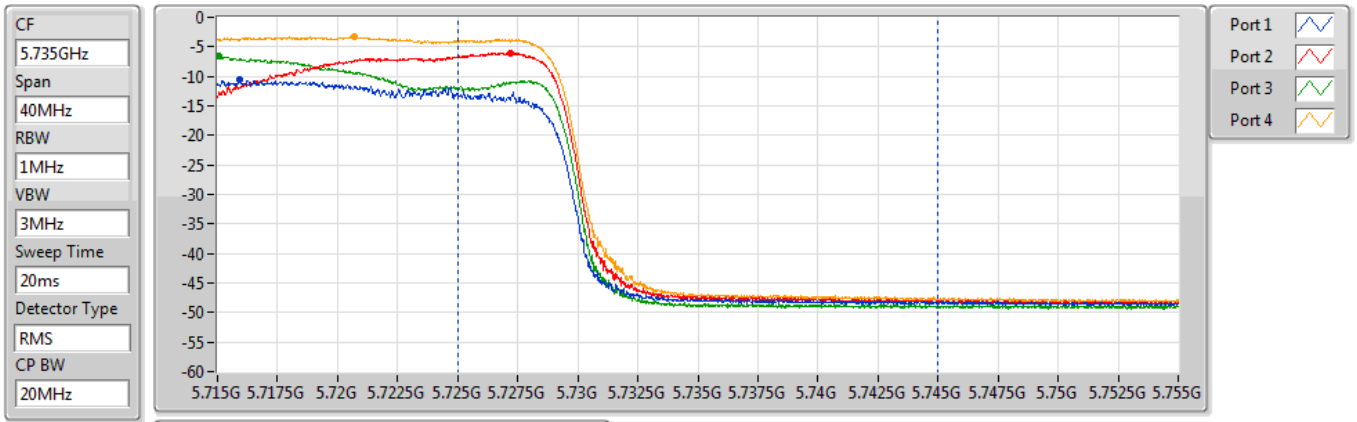


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.99	12.84	11.96	10.61	12.19

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

5690MHz Straddle 5.725-5.85GHz_TnomVnom

26/11/2020

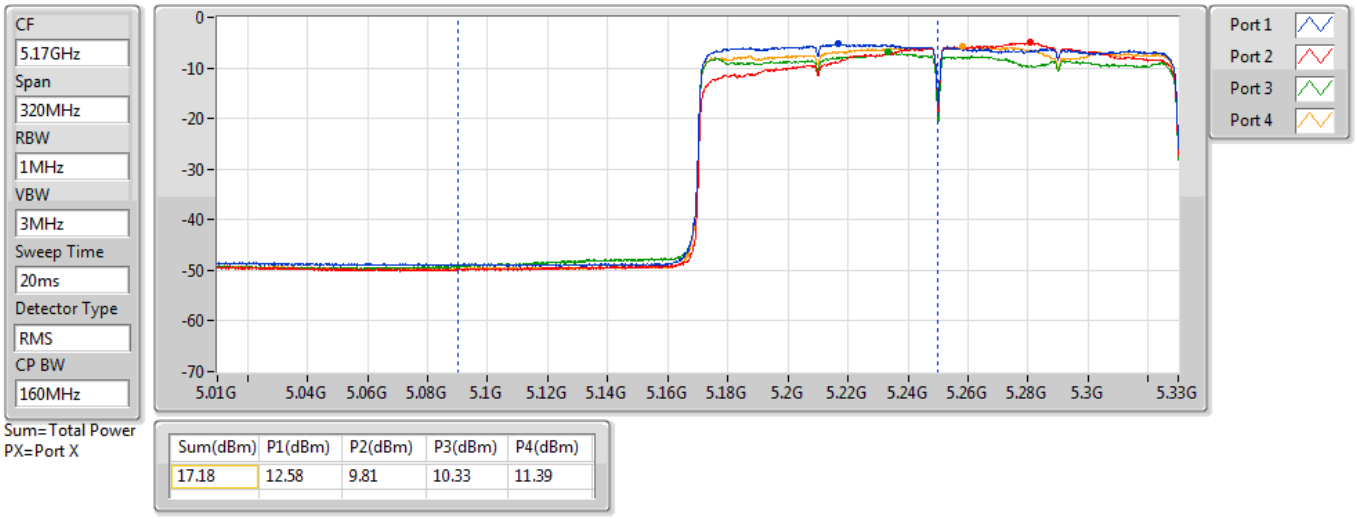


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.28	-8.23	-0.79	-5.67	1.53

802.11ax HEW160-BF_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

07/12/2020

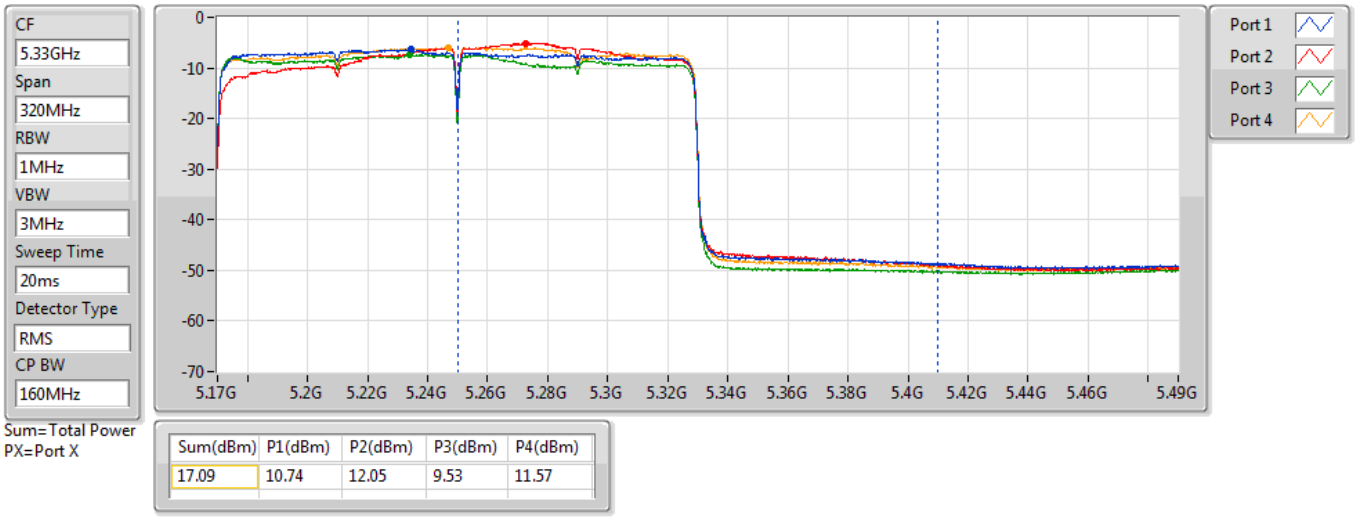


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.18	12.58	9.81	10.33	11.39

802.11ax HEW160-BF_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

07/12/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.09	10.74	12.05	9.53	11.57

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	0.46	12.02
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.07	16.76
802.11ax HEW20_Nss1,(MCS0)_4TX	5.09	16.78
802.11ax HEW40_Nss1,(MCS0)_4TX	4.86	16.55
802.11ax HEW80_Nss1,(MCS0)_4TX	2.37	14.06
802.11ax HEW160_Nss1,(MCS0)_4TX	0.34	12.03
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.42	16.92
802.11ax HEW20_Nss1,(MCS0)_4TX	5.44	16.94
802.11ax HEW40_Nss1,(MCS0)_4TX	4.96	16.46
802.11ax HEW80_Nss1,(MCS0)_4TX	5.12	16.62
802.11ax HEW160_Nss1,(MCS0)_4TX	0.37	11.87
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	3.22	14.78
802.11ax HEW20_Nss1,(MCS0)_4TX	3.35	14.91
802.11ax HEW40_Nss1,(MCS0)_4TX	2.92	14.48
802.11ax HEW80_Nss1,(MCS0)_4TX	2.45	14.01

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

Result

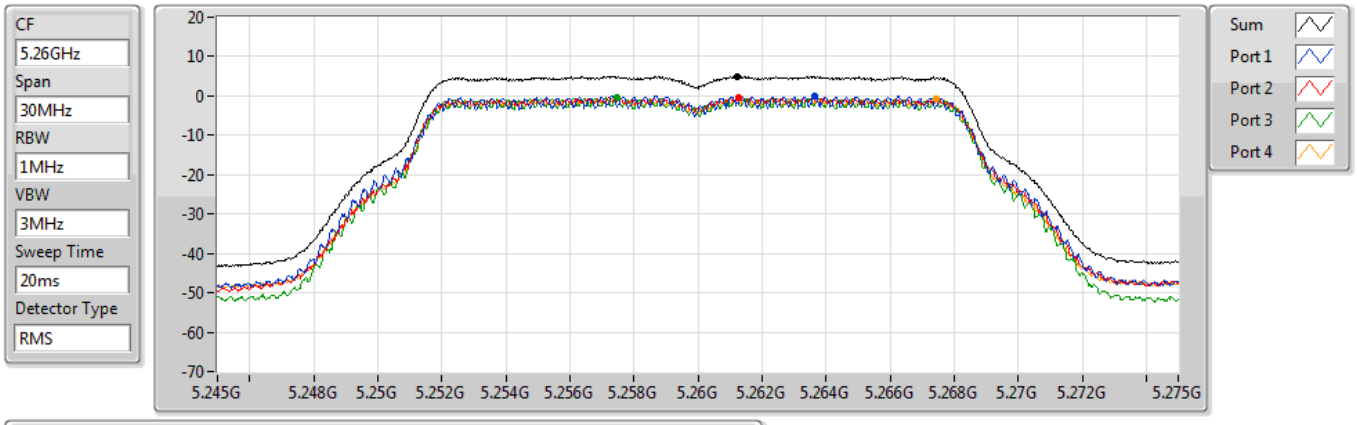
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.693	-0.08	-0.48	-0.49	-0.73	5.01	5.31	16.70	17.00
5300MHz	Pass	11.693	0.03	-0.48	-1.40	-0.88	5.07	5.31	16.76	17.00
5320MHz	Pass	11.693	-0.58	-0.69	-0.54	-0.60	4.87	5.31	16.56	17.00
5500MHz	Pass	11.502	0.42	-0.60	-0.77	-0.19	5.19	5.50	16.69	17.00
5580MHz	Pass	11.502	-0.17	-1.08	-1.66	-0.89	4.75	5.50	16.25	17.00
5700MHz	Pass	11.502	0.05	0.12	-0.19	-0.44	5.42	5.50	16.92	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.502	-0.37	-0.59	-1.41	-0.74	5.17	5.50	16.67	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.558	-2.09	-2.62	-3.51	-2.68	3.22	24.44	14.78	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.693	-0.90	-0.43	-1.14	-0.69	5.08	5.31	16.77	17.00
5300MHz	Pass	11.693	-0.74	-0.51	-1.25	-0.50	5.09	5.31	16.78	17.00
5320MHz	Pass	11.693	-0.67	-0.66	-1.10	-0.64	5.09	5.31	16.78	17.00
5500MHz	Pass	11.502	-0.20	-0.15	-0.63	-0.34	5.37	5.50	16.87	17.00
5580MHz	Pass	11.502	-0.39	-0.71	-1.23	-0.63	5.13	5.50	16.63	17.00
5700MHz	Pass	11.502	0.10	-0.10	-1.09	-0.51	5.44	5.50	16.94	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.502	-0.29	-0.79	-1.47	-0.40	5.17	5.50	16.67	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.558	-2.07	-2.51	-3.32	-2.57	3.35	24.44	14.91	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.693	-0.97	-0.55	-1.72	-0.99	4.86	5.31	16.55	17.00
5310MHz	Pass	11.693	-1.65	-1.33	-2.35	-1.55	4.12	5.31	15.81	17.00
5510MHz	Pass	11.502	-0.18	-1.01	-1.30	-0.88	4.96	5.50	16.46	17.00
5550MHz	Pass	11.502	-0.38	-1.11	-1.55	-1.23	4.83	5.50	16.33	17.00
5670MHz	Pass	11.502	-0.70	-0.81	-1.63	-1.39	4.79	5.50	16.29	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.502	-0.17	-1.21	-1.73	-0.93	4.90	5.50	16.40	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.558	-2.17	-3.17	-3.92	-2.81	2.92	24.44	14.48	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.693	-3.54	-3.15	-3.85	-3.53	2.37	5.31	14.06	17.00
5530MHz	Pass	11.502	-1.83	-2.21	-3.08	-2.53	3.51	5.50	15.01	17.00
5610MHz	Pass	11.502	-0.06	-0.99	-1.09	-1.24	5.02	5.50	16.52	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.502	-0.10	-0.83	-1.28	-1.05	5.12	5.50	16.62	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.558	-2.45	-3.35	-4.43	-3.95	2.45	24.44	14.01	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.562	-5.39	-5.17	-5.73	-5.22	0.46	5.44	12.02	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	11.693	-5.42	-5.44	-5.79	-5.48	0.34	5.31	12.03	17.00
5570MHz	Pass	11.502	-4.98	-5.55	-5.53	-5.62	0.37	5.50	11.87	17.00

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)_4TX PSD

5260MHz

16/11/2020

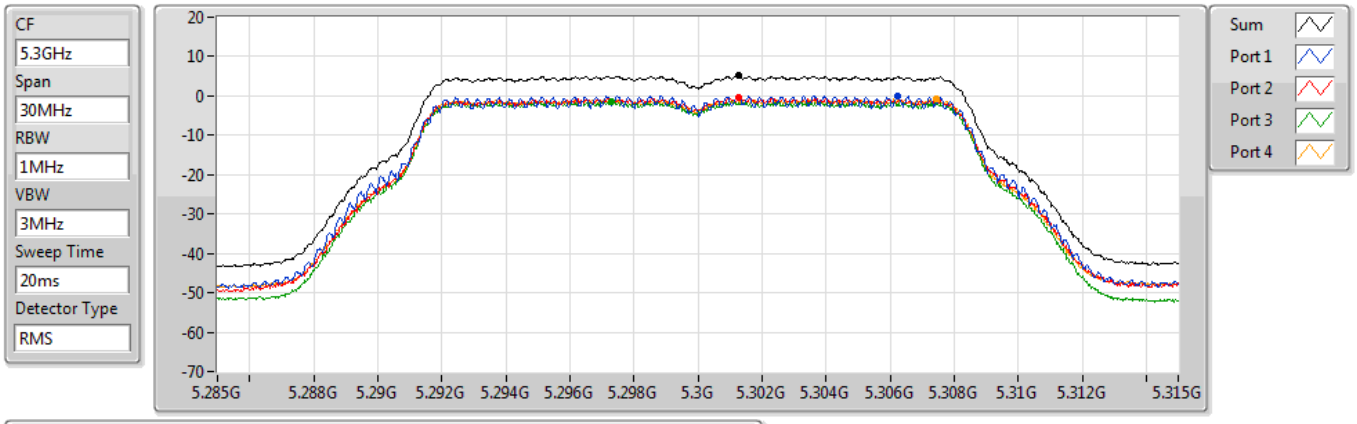


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	-0.08	-0.48	-0.49	-0.73

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

16/11/2020

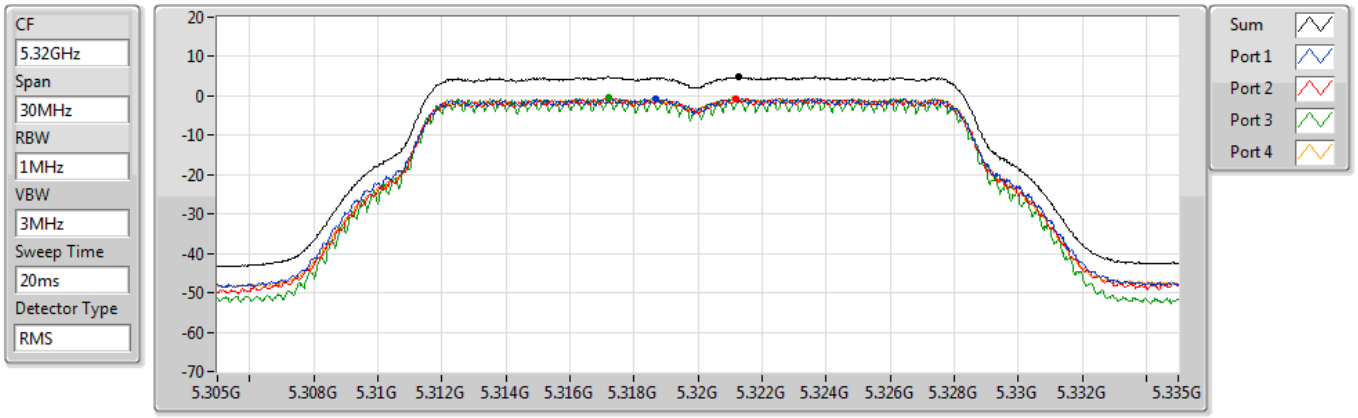


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	0.03	-0.48	-1.40	-0.88

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

16/11/2020

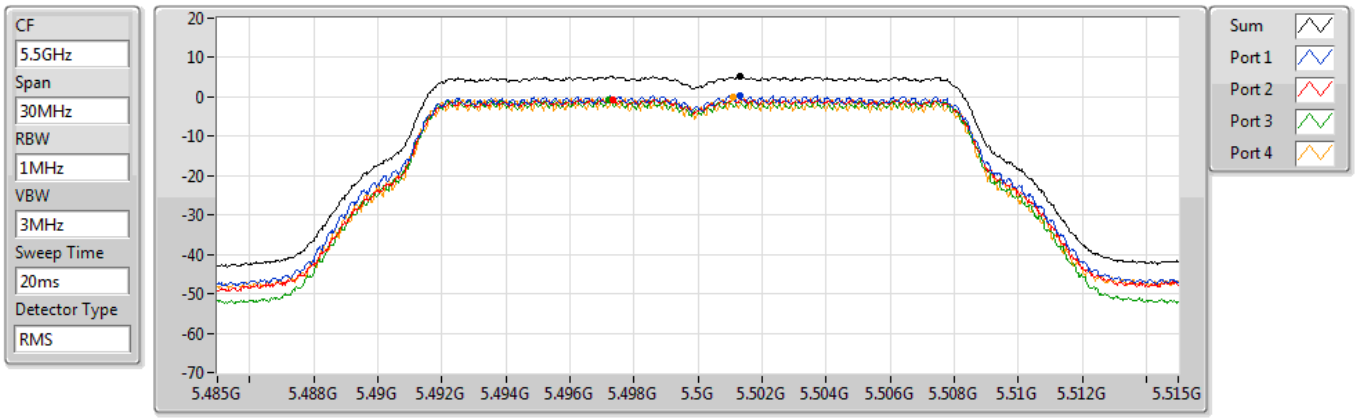


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	-0.58	-0.69	-0.54	-0.60

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

16/11/2020

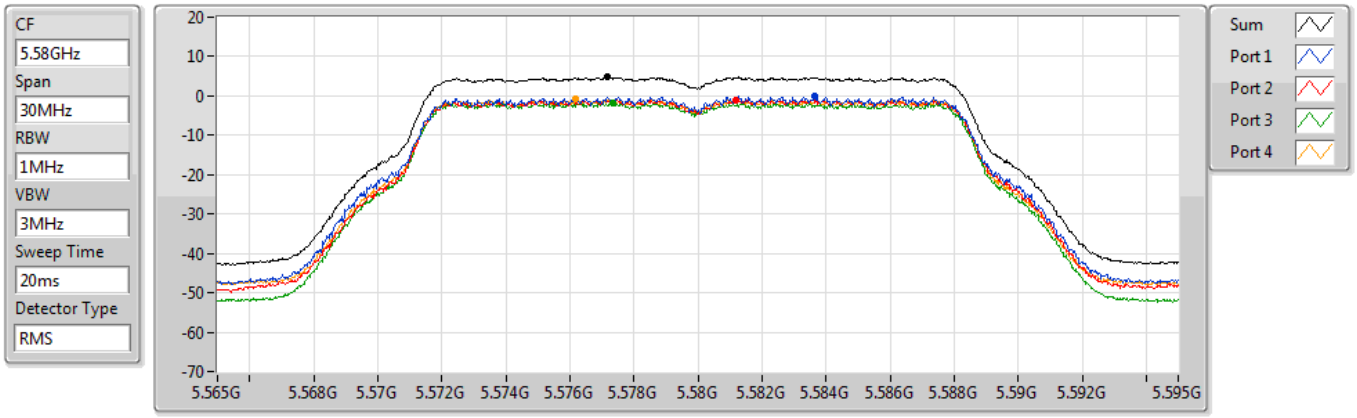


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	0.42	-0.60	-0.77	-0.19

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

16/11/2020

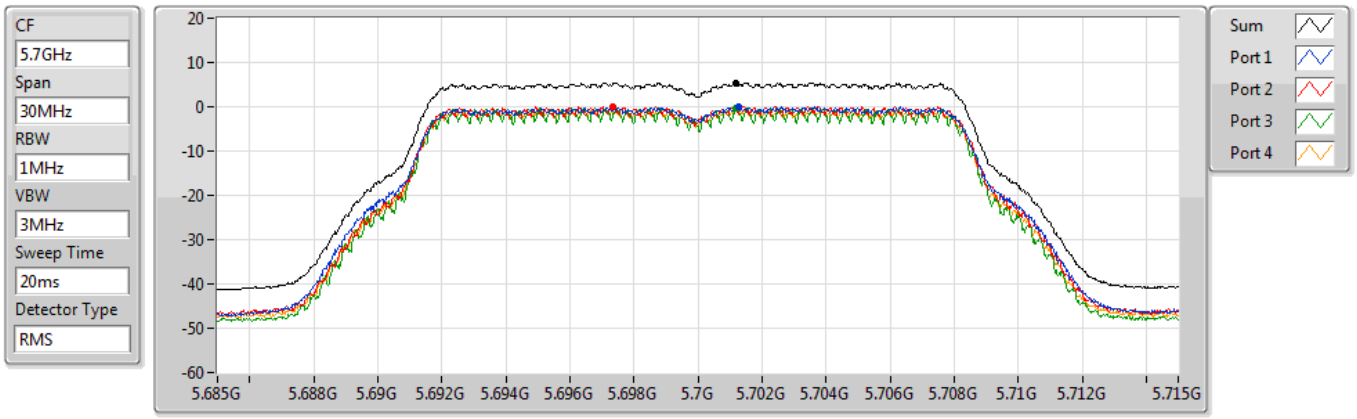


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-0.17	-1.08	-1.66	-0.89

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

17/11/2020

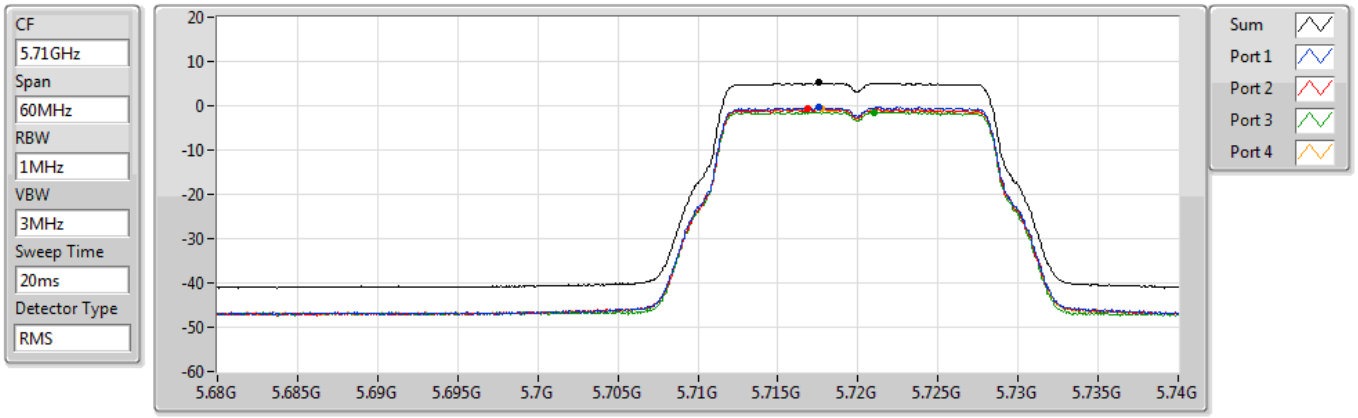


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	0.05	0.12	-0.19	-0.44

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

19/11/2020

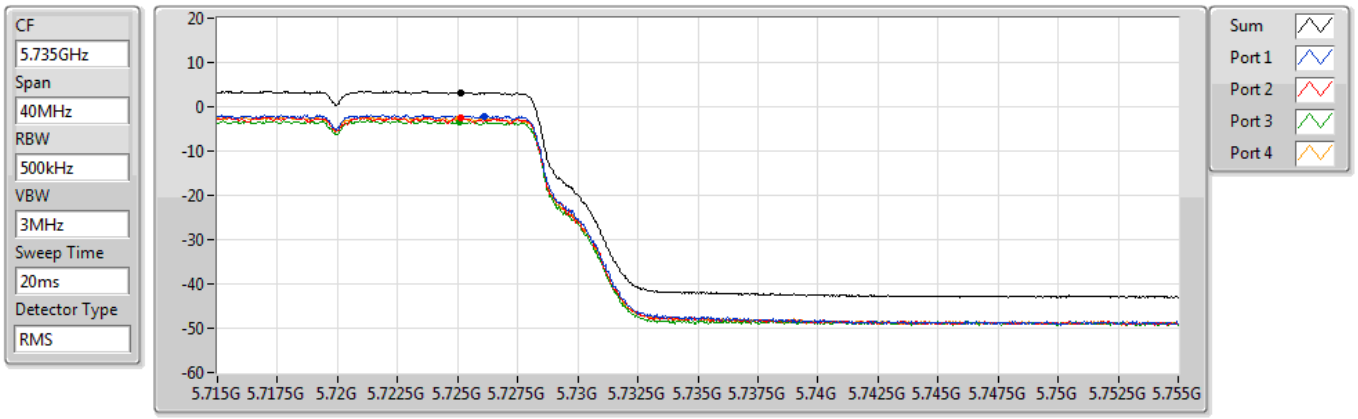


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.37	-0.59	-1.41	-0.74

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

19/11/2020

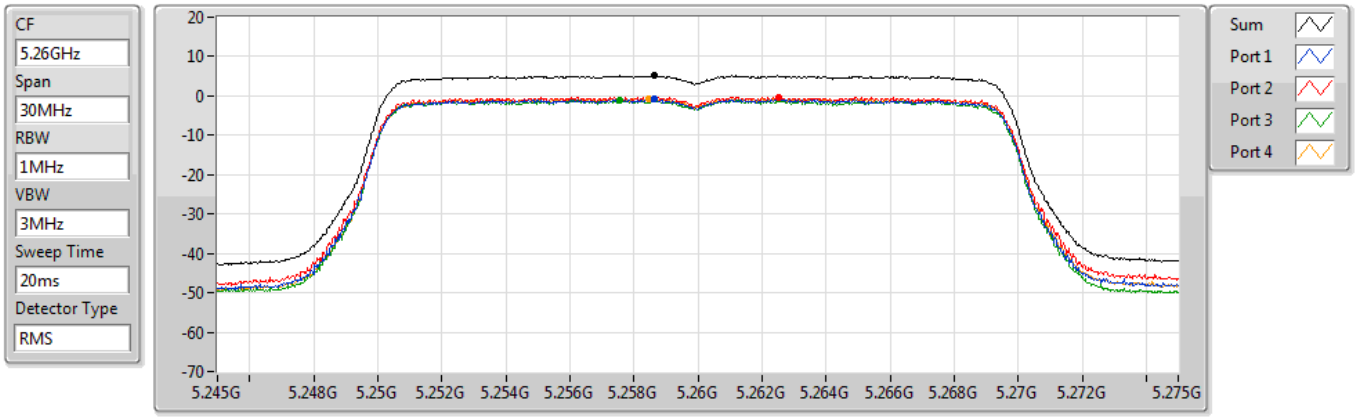


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.22	3.22	-2.09	-2.62	-3.51	-2.68

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5260MHz

17/11/2020

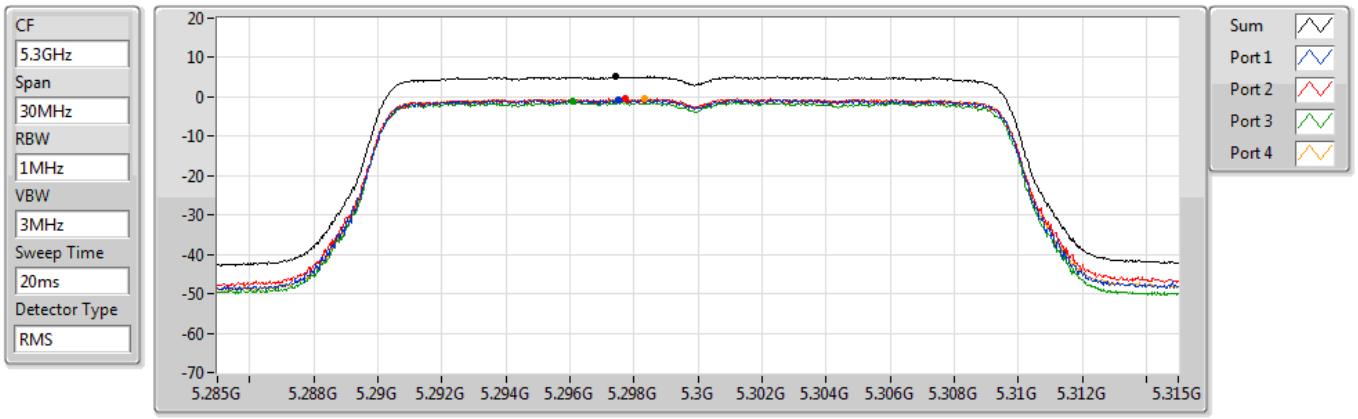


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	-0.90	-0.43	-1.14	-0.69

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

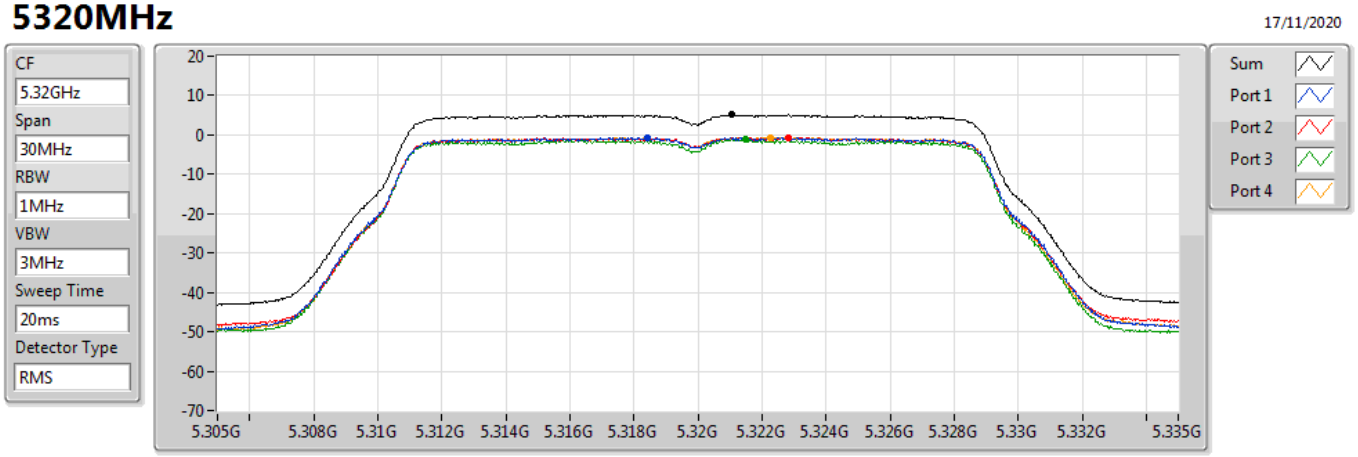
17/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.74	-0.51	-1.25	-0.50

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

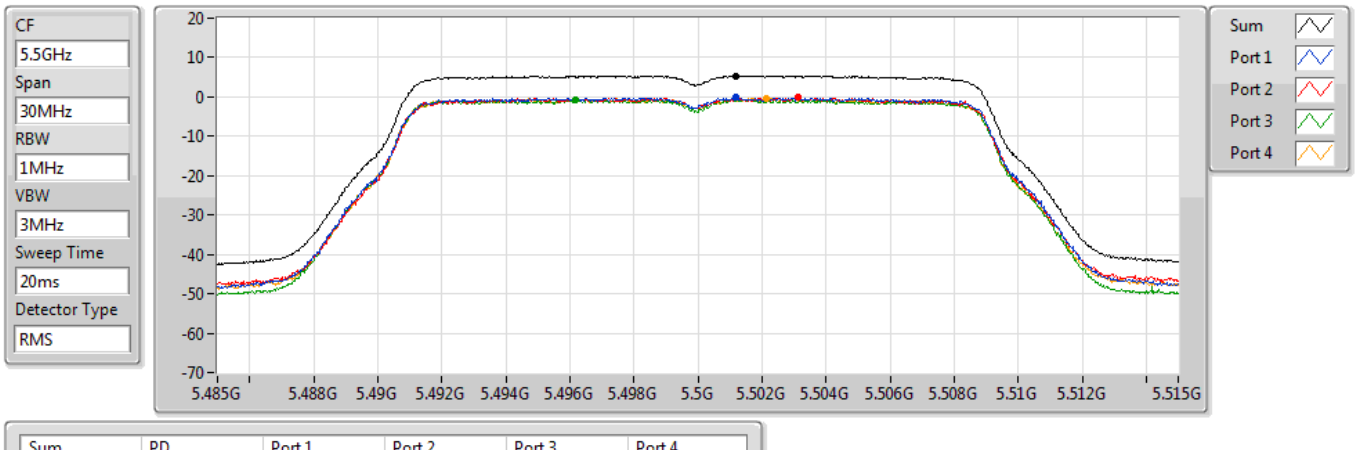
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.67	-0.66	-1.10	-0.64

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

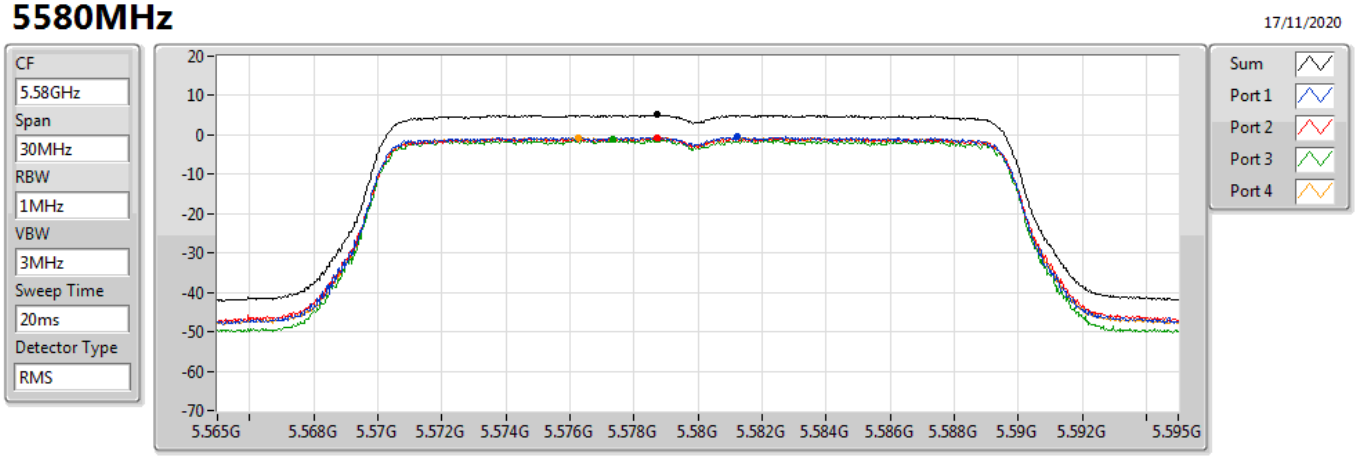
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	-0.20	-0.15	-0.63	-0.34

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

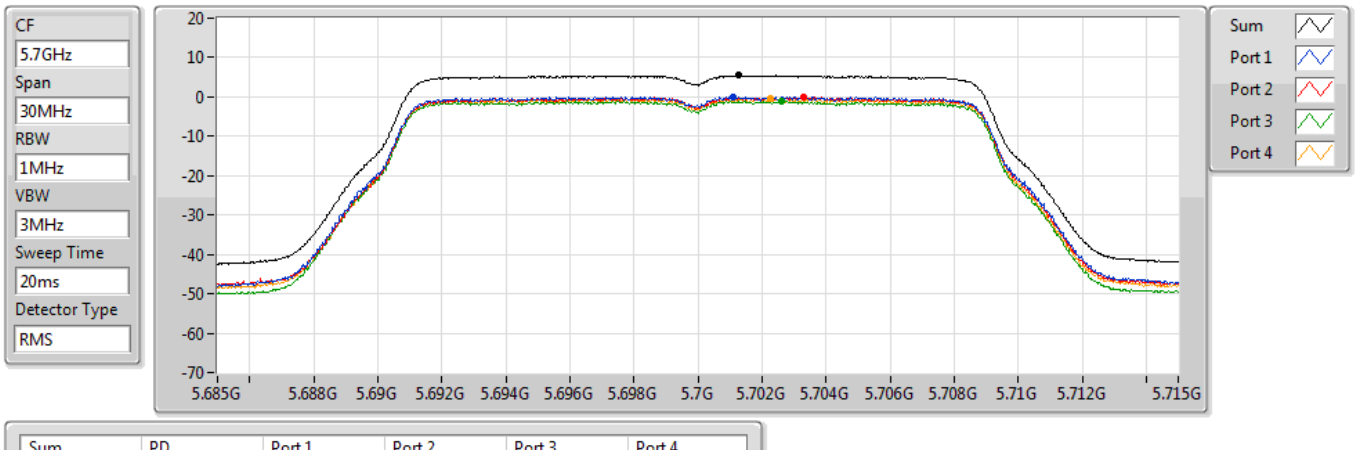
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	-0.39	-0.71	-1.23	-0.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

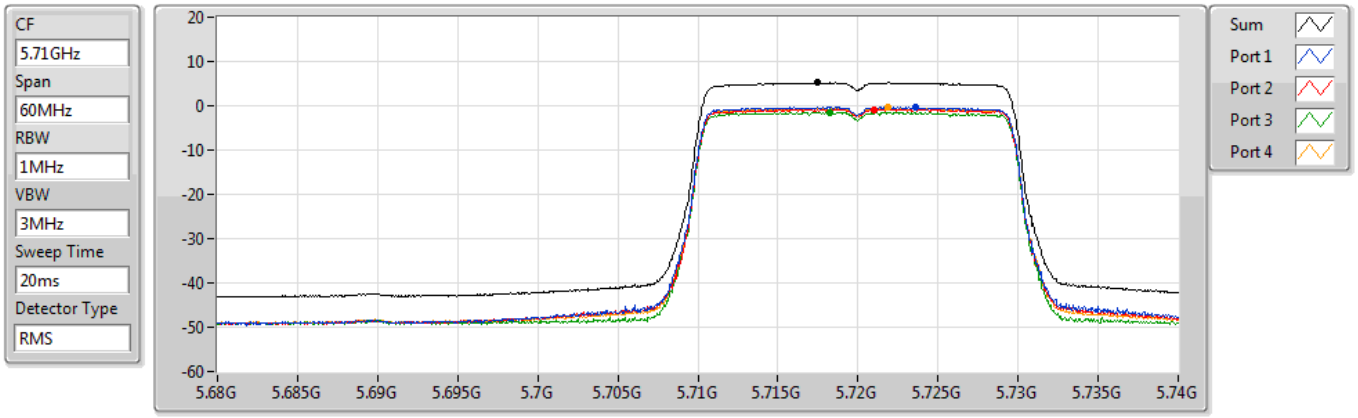


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.44	5.44	0.10	-0.10	-1.09	-0.51

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

19/11/2020

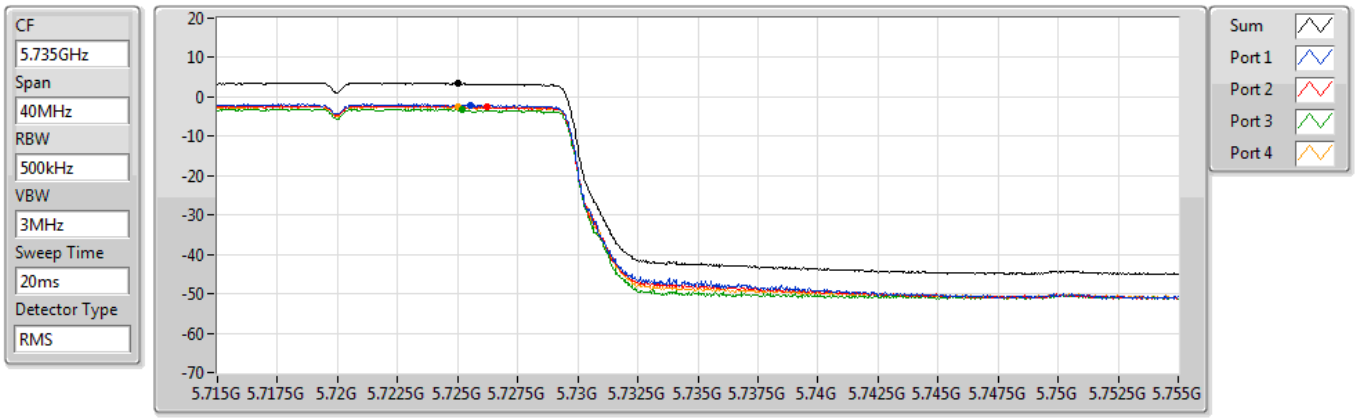


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.29	-0.79	-1.47	-0.40

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

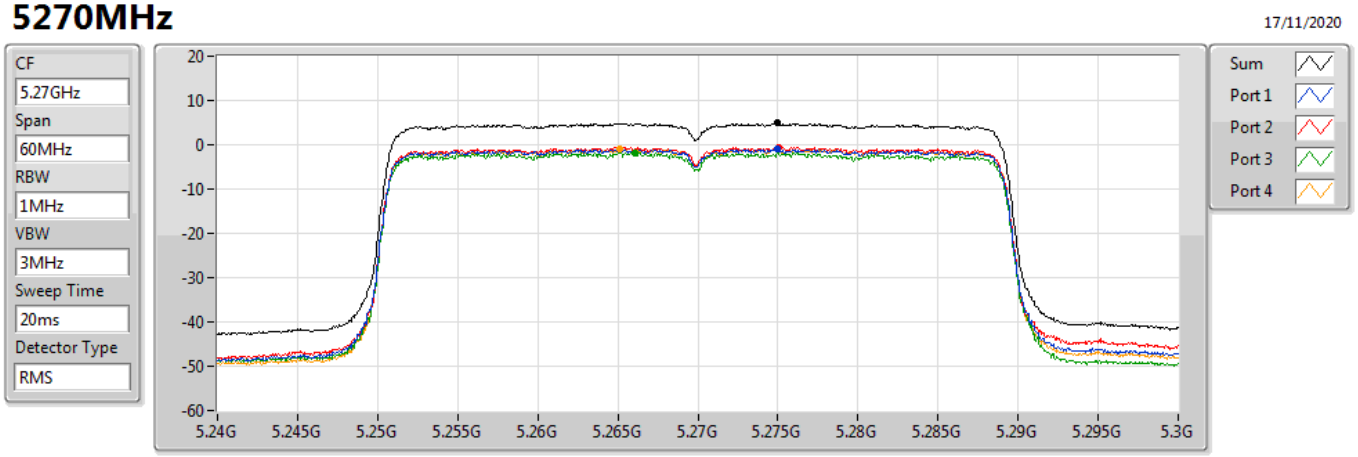
19/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	-2.07	-2.51	-3.32	-2.57

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

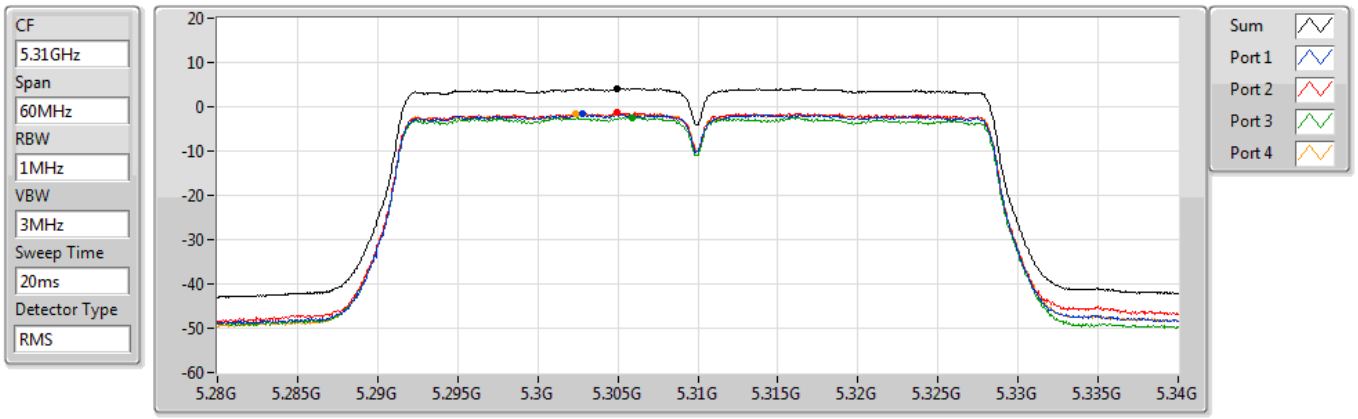
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	-0.97	-0.55	-1.72	-0.99

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

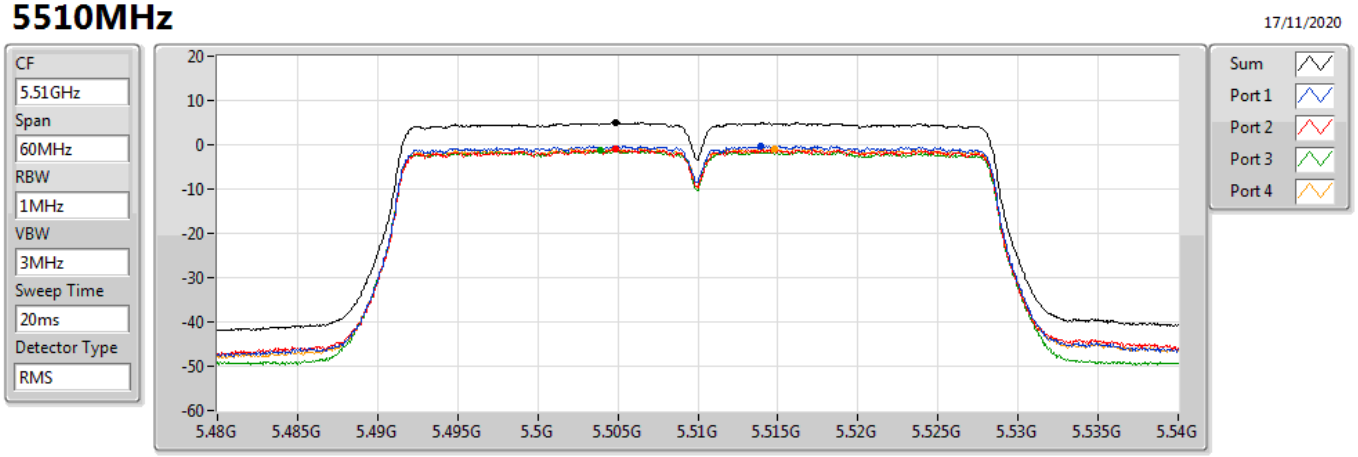
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	-1.65	-1.33	-2.35	-1.55

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

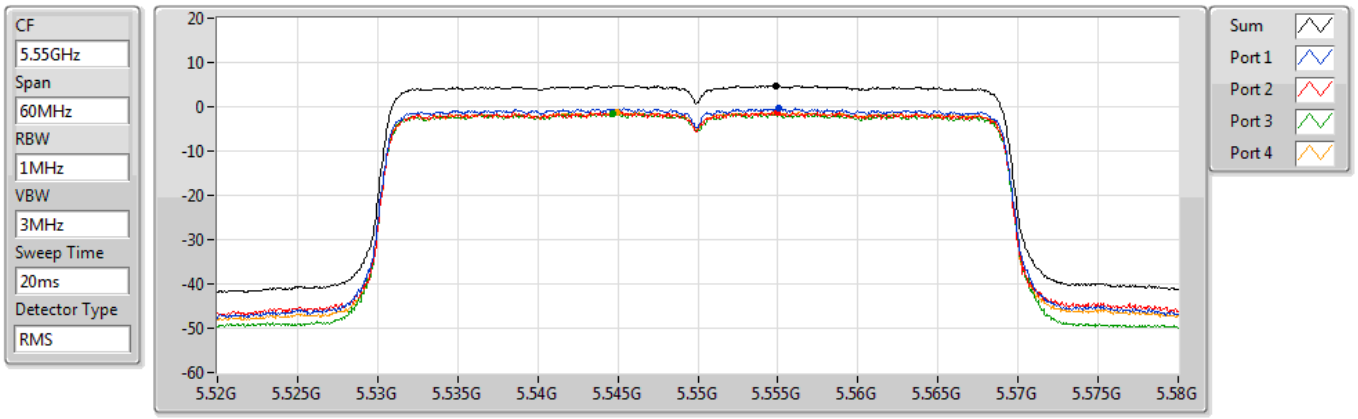
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	-0.18	-1.01	-1.30	-0.88

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5550MHz

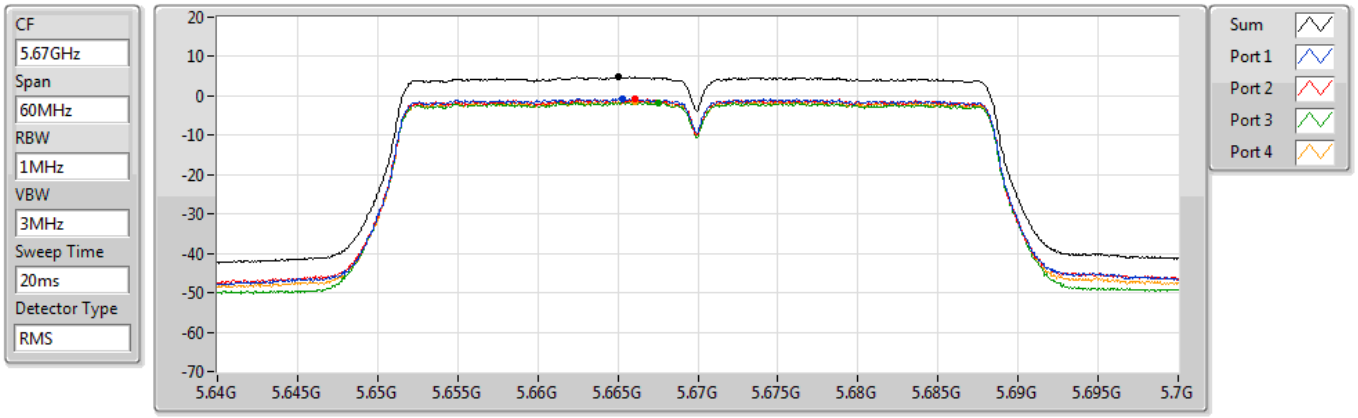


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	-0.38	-1.11	-1.55	-1.23

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5670MHz

17/11/2020

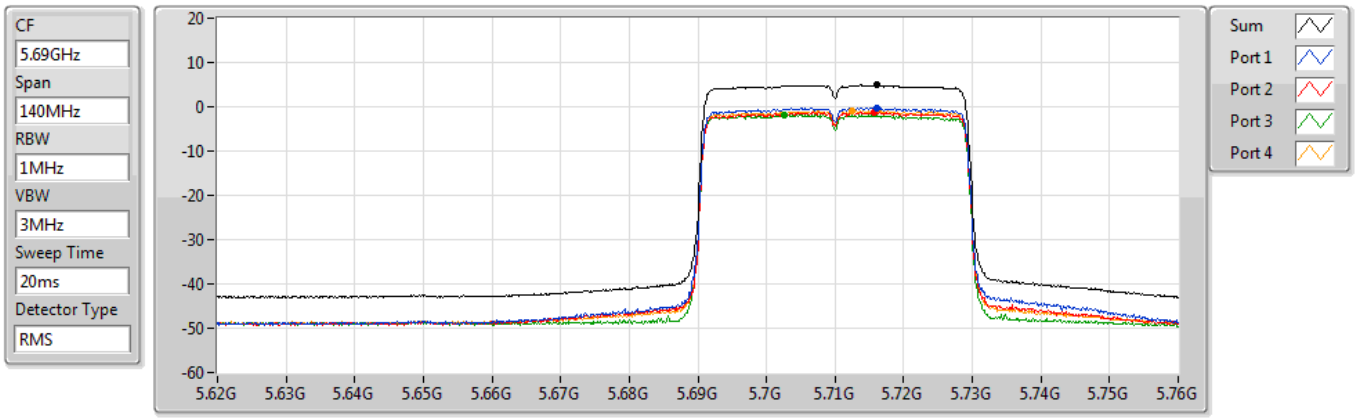


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-0.70	-0.81	-1.63	-1.39

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

19/11/2020

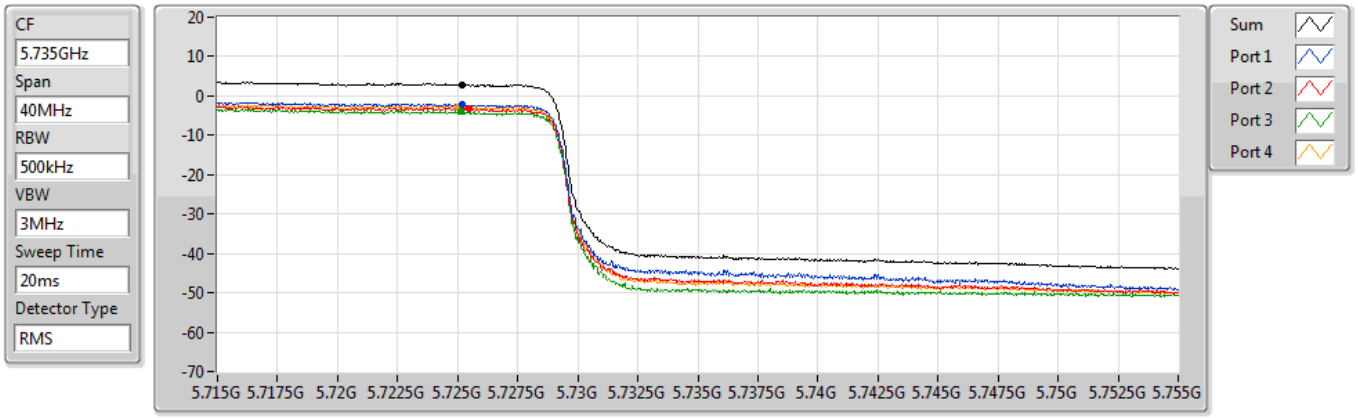


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	-0.17	-1.21	-1.73	-0.93

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

19/11/2020

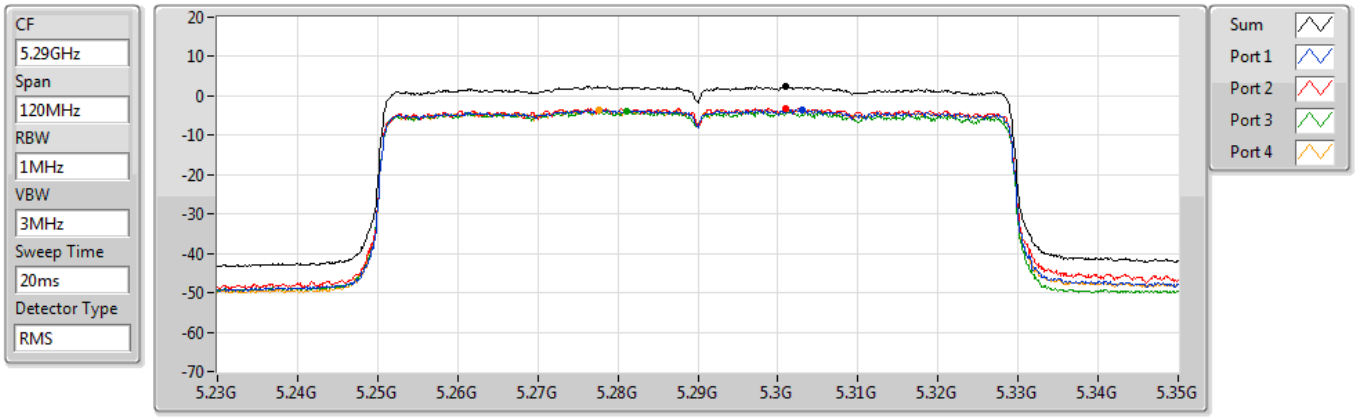


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	-2.17	-3.17	-3.92	-2.81

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5290MHz

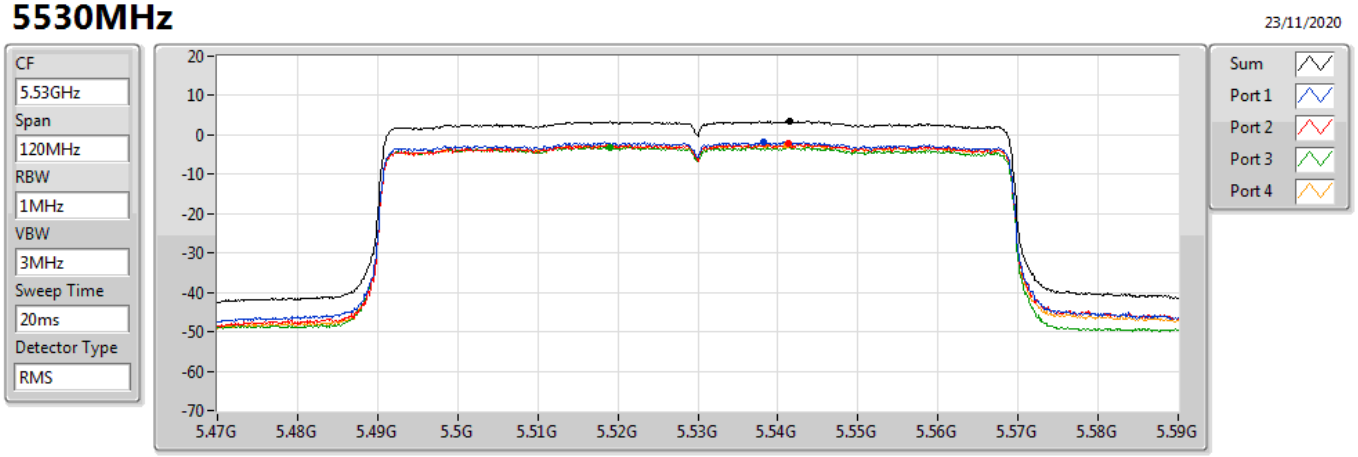
17/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.37	2.37	-3.54	-3.15	-3.85	-3.53

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

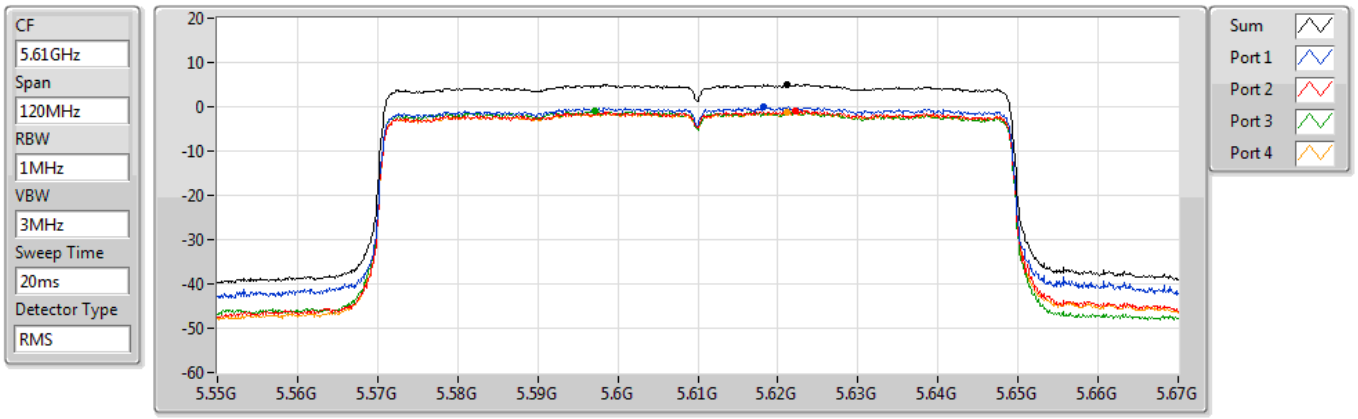
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	-1.83	-2.21	-3.08	-2.53

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

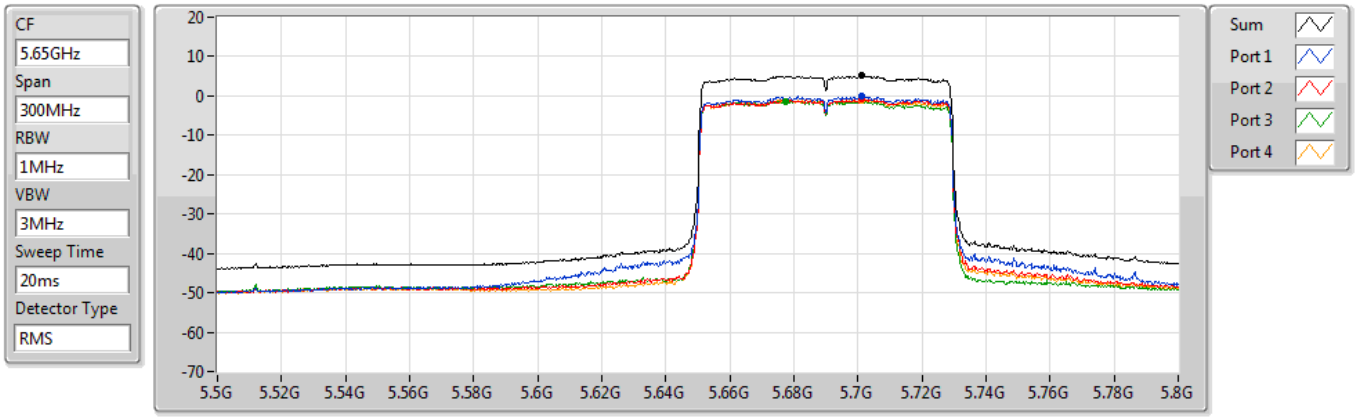


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-0.06	-0.99	-1.09	-1.24

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

23/11/2020

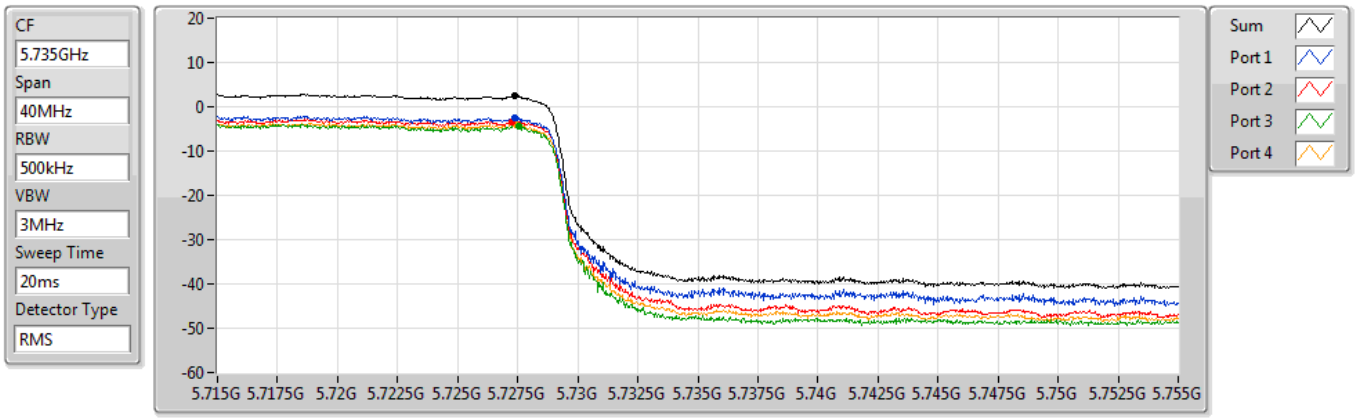


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	-0.10	-0.83	-1.28	-1.05

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

23/11/2020

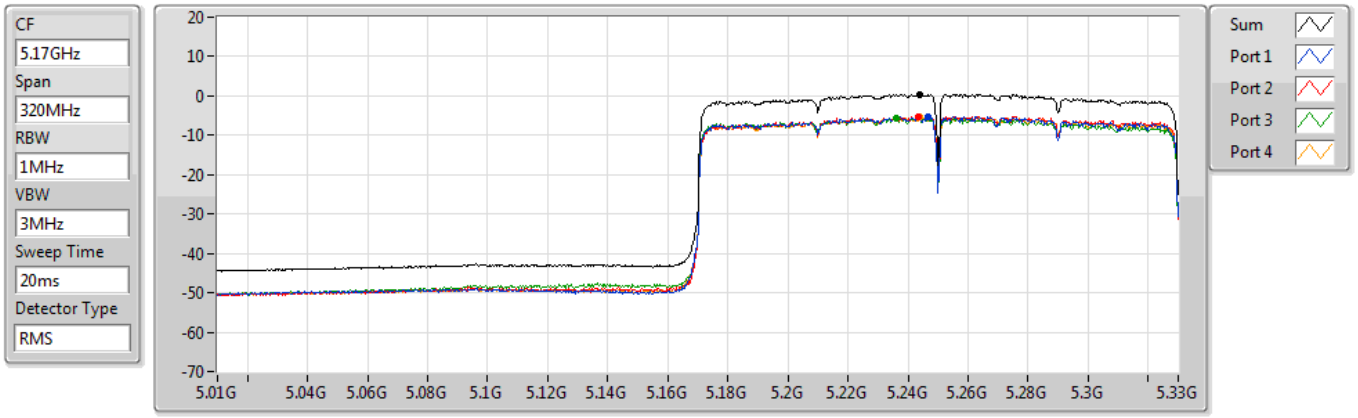


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-2.45	-3.35	-4.43	-3.95

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

17/11/2020

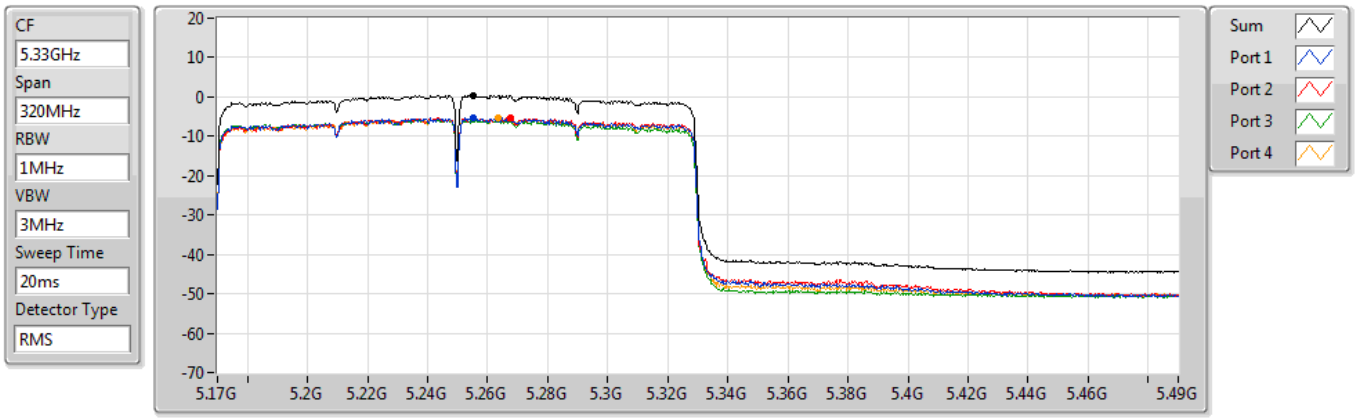


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46	-5.39	-5.17	-5.73	-5.22

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

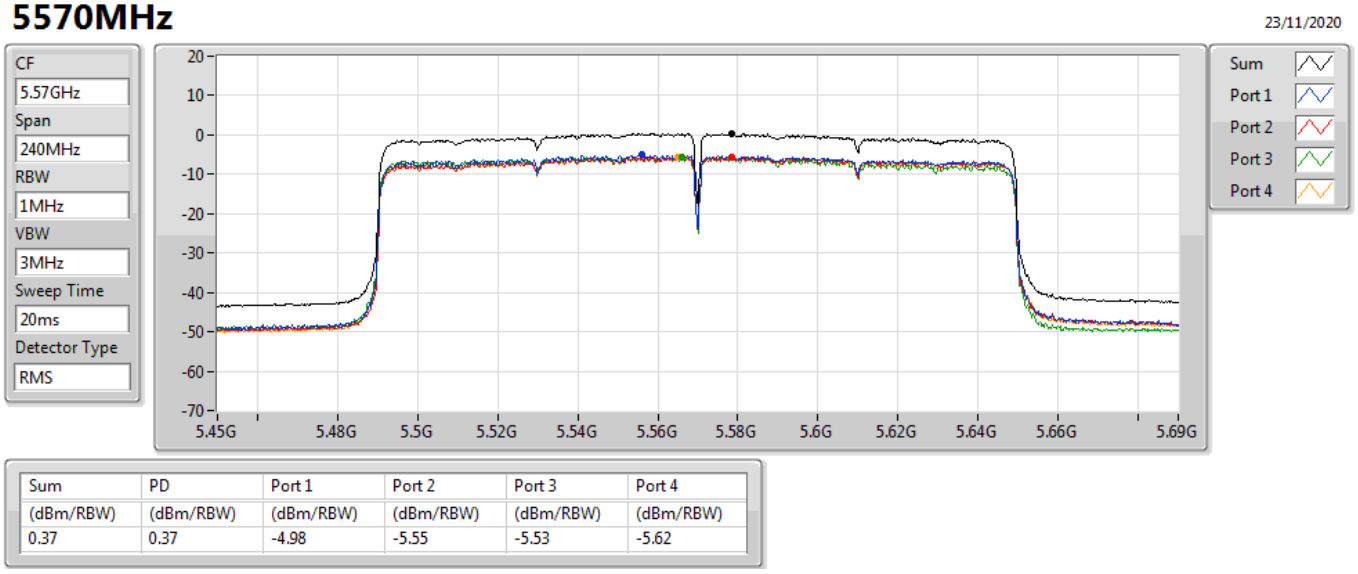
17/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	-5.42	-5.44	-5.79	-5.48

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-4.98	-5.55	-5.53	-5.62

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.72	9.84
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.16	16.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.49	14.18
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.65	11.04
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.79	9.90
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.48	16.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.48	14.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.09	11.59
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-2.80	8.70
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.90	14.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.25	11.31
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.91	7.65

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

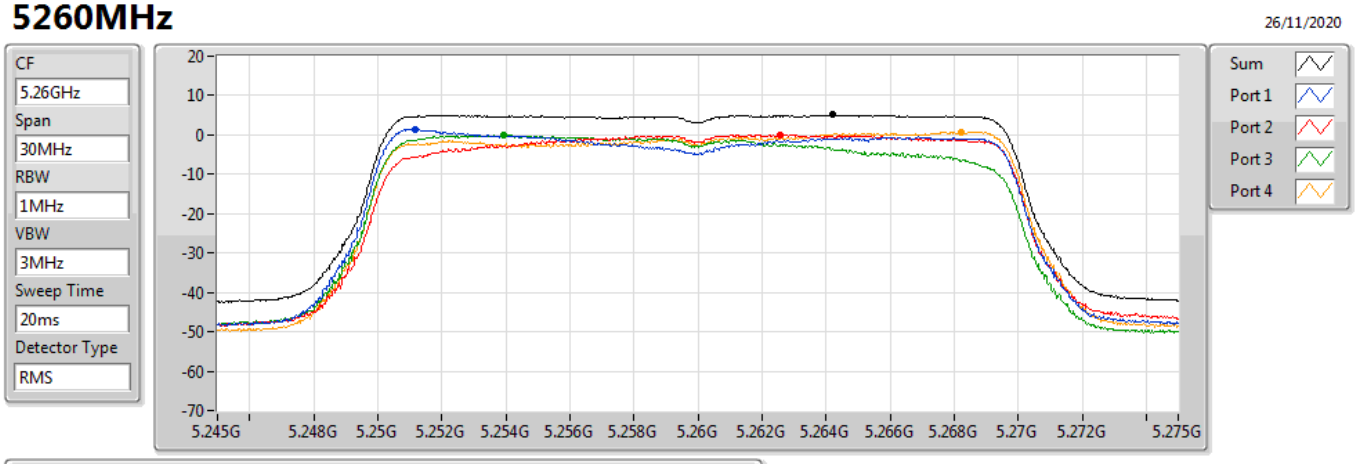
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.693	1.36	0.07	-0.09	0.70	5.07	5.31	16.76	17.00
5300MHz	Pass	11.693	0.30	0.30	-1.46	-0.40	5.16	5.31	16.85	17.00
5320MHz	Pass	11.693	1.13	-0.17	-1.71	-0.52	5.03	5.31	16.72	17.00
5500MHz	Pass	11.502	0.91	-0.53	-0.70	-0.12	5.18	5.50	16.68	17.00
5580MHz	Pass	11.502	-0.17	0.01	-1.27	-0.09	5.48	5.50	16.98	17.00
5700MHz	Pass	11.502	1.77	-0.30	-0.65	2.05	5.34	5.50	16.84	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.502	0.24	-0.82	-1.54	-1.05	4.72	5.50	16.22	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.558	-1.88	-3.35	-4.29	-2.41	2.90	24.44	14.46	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.693	-1.22	-2.64	-3.63	-2.90	2.16	5.31	13.85	17.00
5310MHz	Pass	11.693	-1.97	-2.43	-4.55	-2.94	2.49	5.31	14.18	17.00
5510MHz	Pass	11.502	-1.42	-3.45	-4.12	-1.07	3.09	5.50	14.59	17.00
5550MHz	Pass	11.502	-1.19	-2.90	-4.44	-1.62	3.13	5.50	14.63	17.00
5670MHz	Pass	11.502	-2.15	-2.21	-3.66	-0.09	3.48	5.50	14.98	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.502	0.39	-3.23	-4.36	-1.78	2.46	5.50	13.96	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.558	-6.20	-6.71	-7.89	-4.06	-0.25	24.44	11.31	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.693	-4.15	-5.35	-4.44	-5.63	-0.65	5.31	11.04	17.00
5530MHz	Pass	11.502	-4.23	-3.68	-5.88	-2.50	0.09	5.50	11.59	17.00
5610MHz	Pass	11.502	-4.29	-5.13	-5.69	-5.47	-0.11	5.50	11.39	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.502	-4.68	-4.11	-4.27	-4.46	-0.45	5.50	11.05	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.558	-15.55	-8.98	-13.88	-6.49	-3.91	24.44	7.65	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.562	-6.62	-7.53	-8.24	-7.36	-1.72	5.44	9.84	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	11.693	-7.16	-6.47	-8.94	-7.35	-1.79	5.31	9.90	17.00
5570MHz	Pass	11.502	-8.28	-8.26	-6.84	-4.59	-2.80	5.50	8.70	17.00

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;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

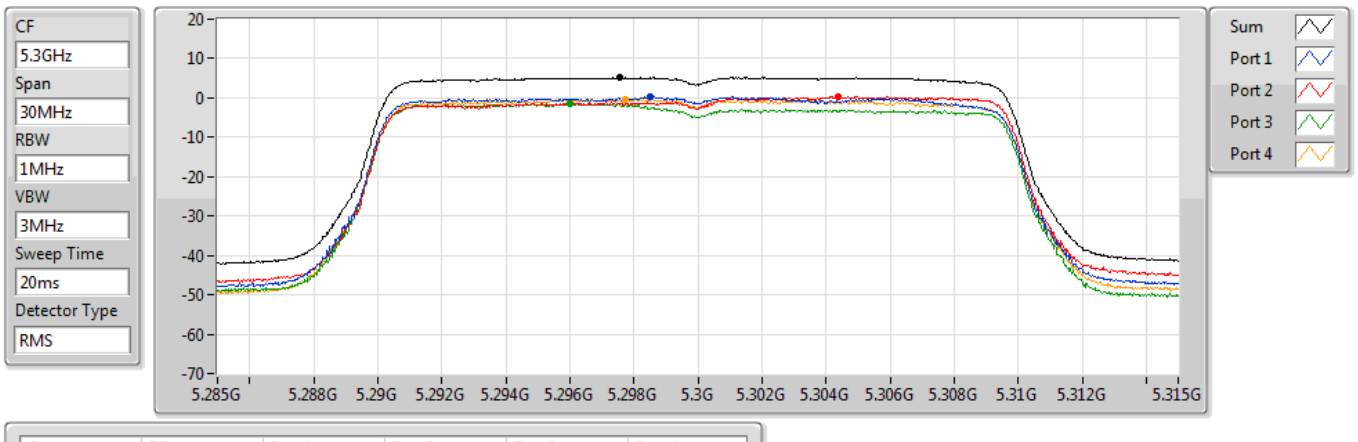
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	1.36	0.07	-0.09	0.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

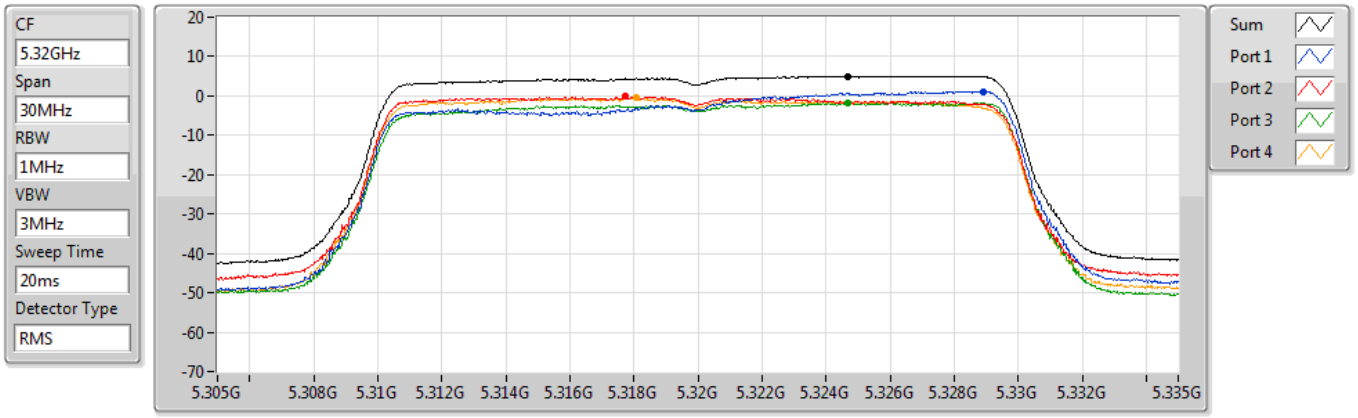


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	0.30	0.30	-1.46	-0.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

26/11/2020

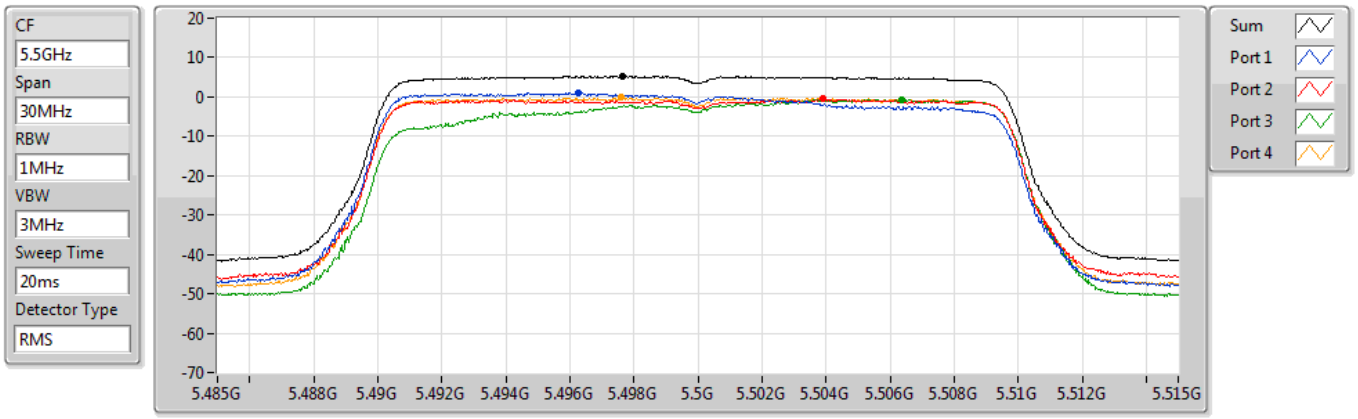


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	1.13	-0.17	-1.71	-0.52

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

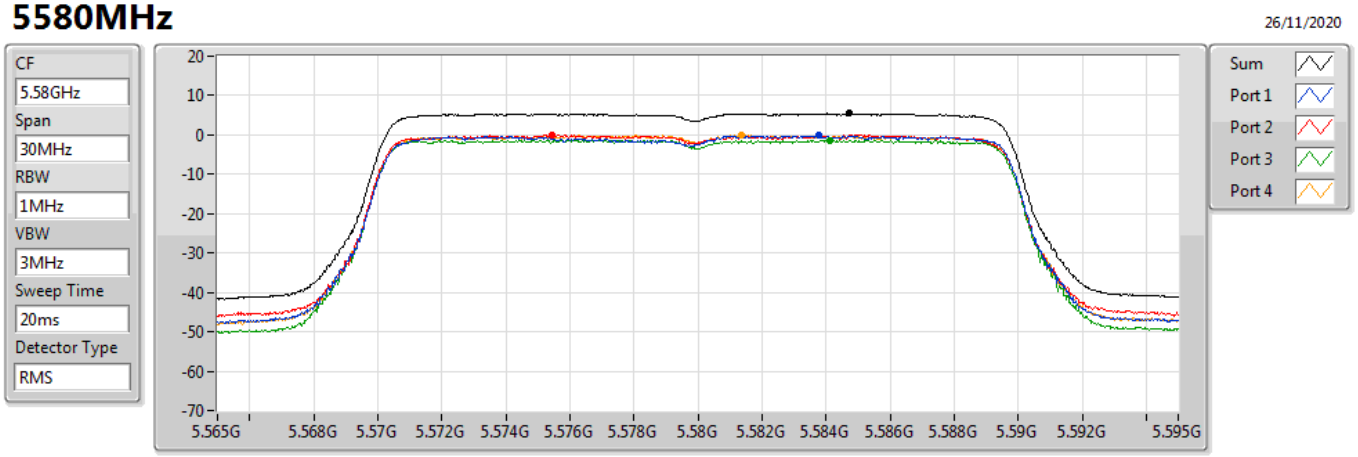
26/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.18	5.18	0.91	-0.53	-0.70	-0.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

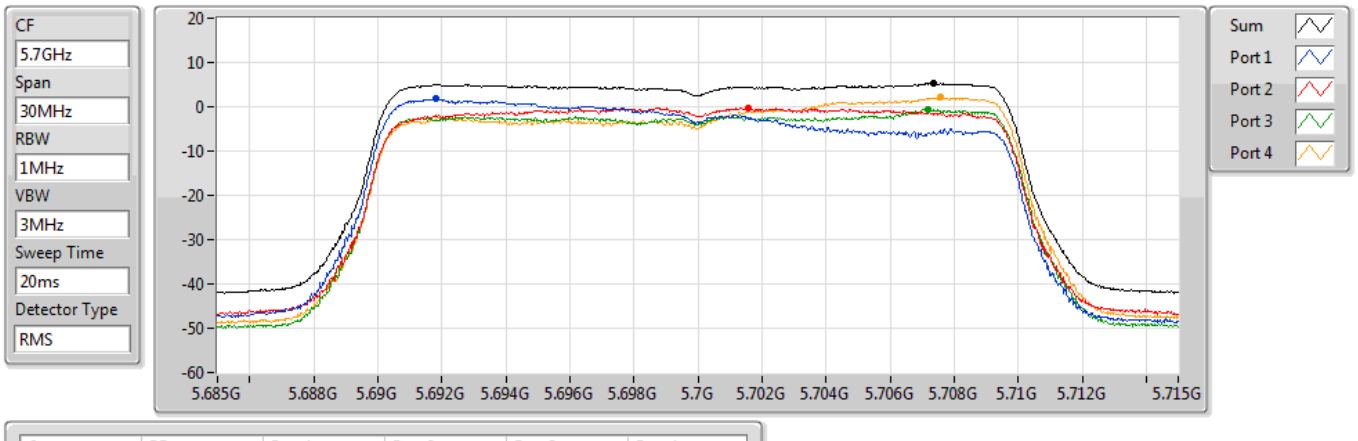
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	-0.17	0.01	-1.27	-0.09

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

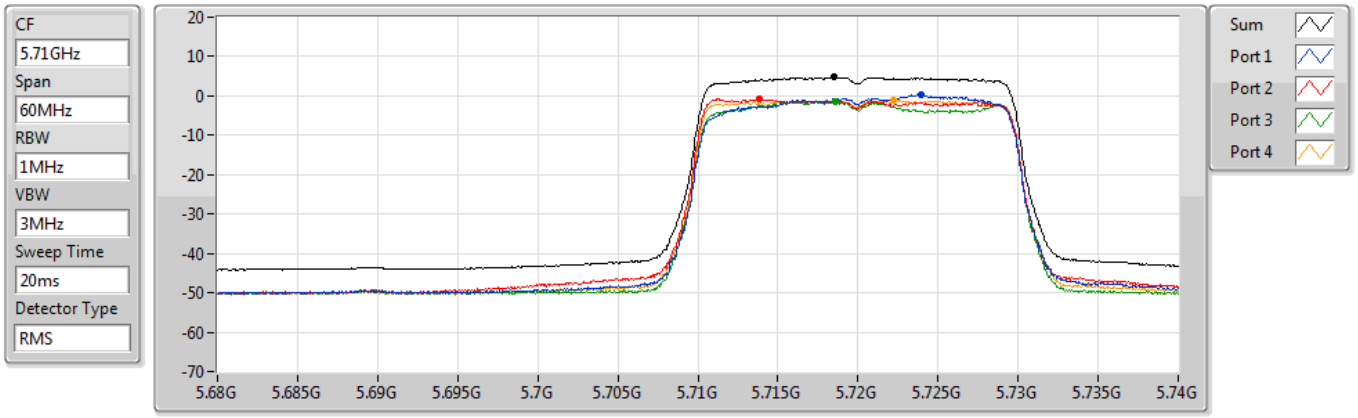


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	1.77	-0.30	-0.65	2.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

26/11/2020

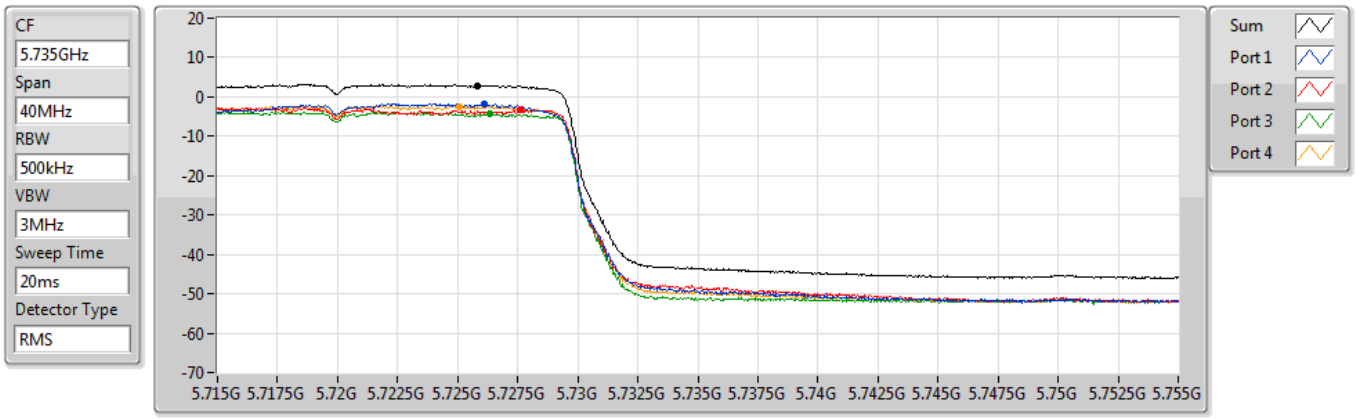


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	0.24	-0.82	-1.54	-1.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

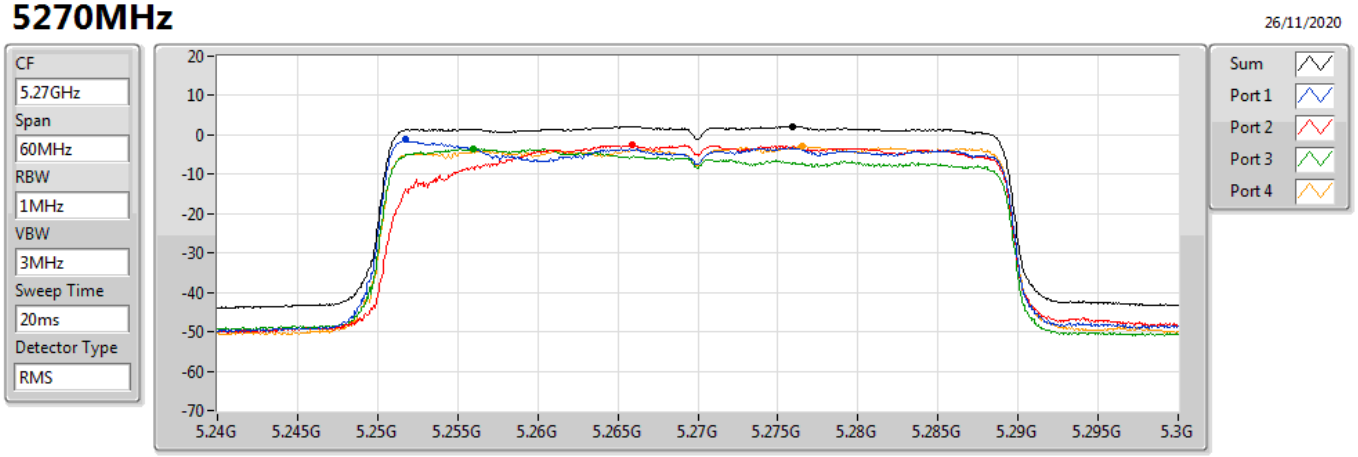
26/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-1.88	-3.35	-4.29	-2.41

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

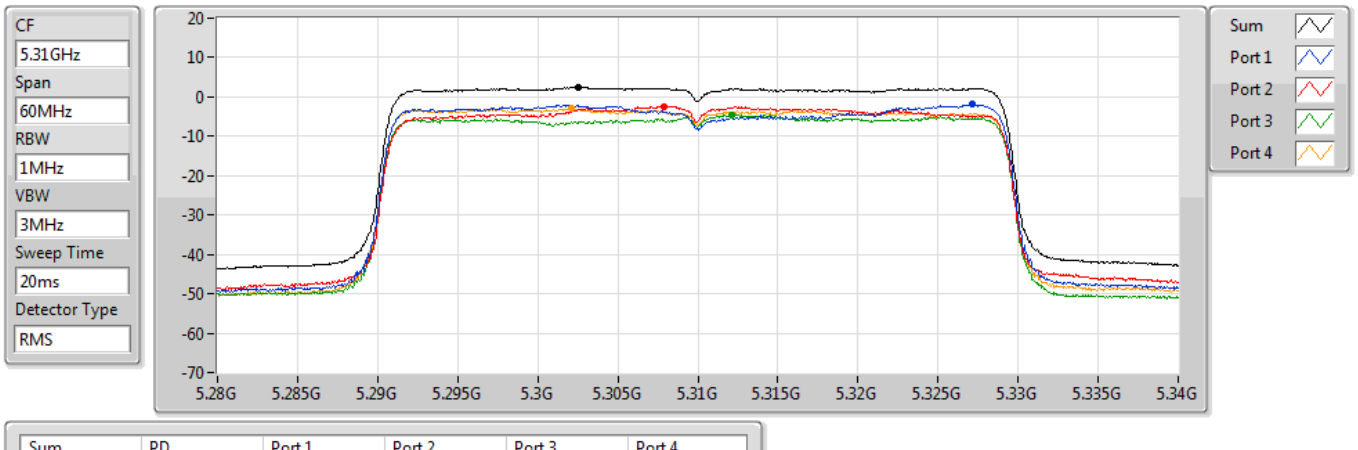
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.16	2.16	-1.22	-2.64	-3.63	-2.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

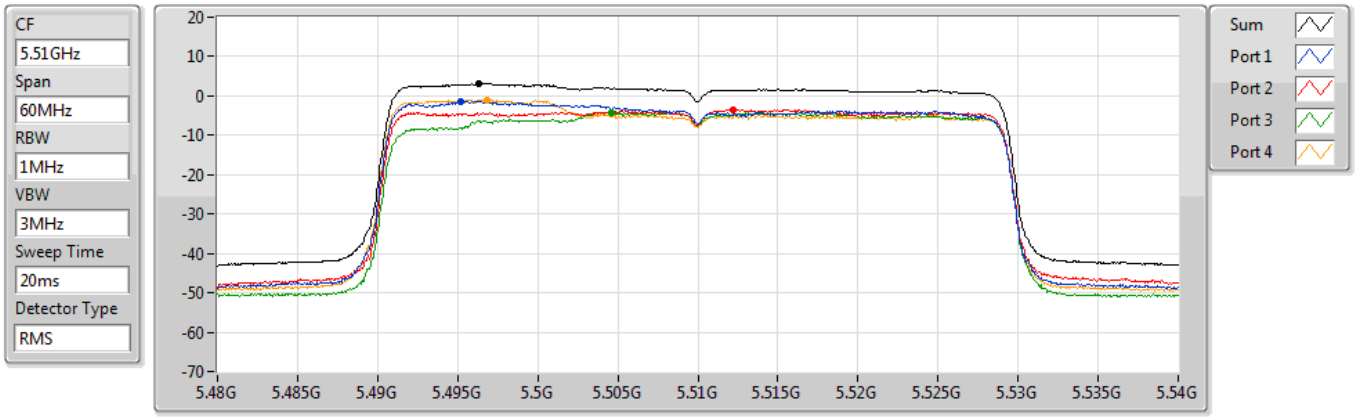
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.49	2.49	-1.97	-2.43	-4.55	-2.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

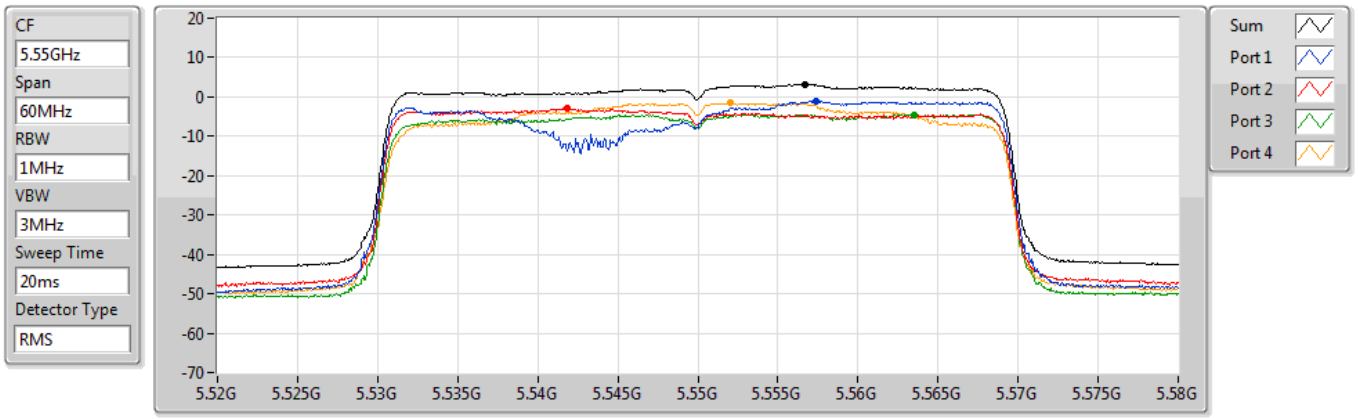
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.09	3.09	-1.42	-3.45	-4.12	-1.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

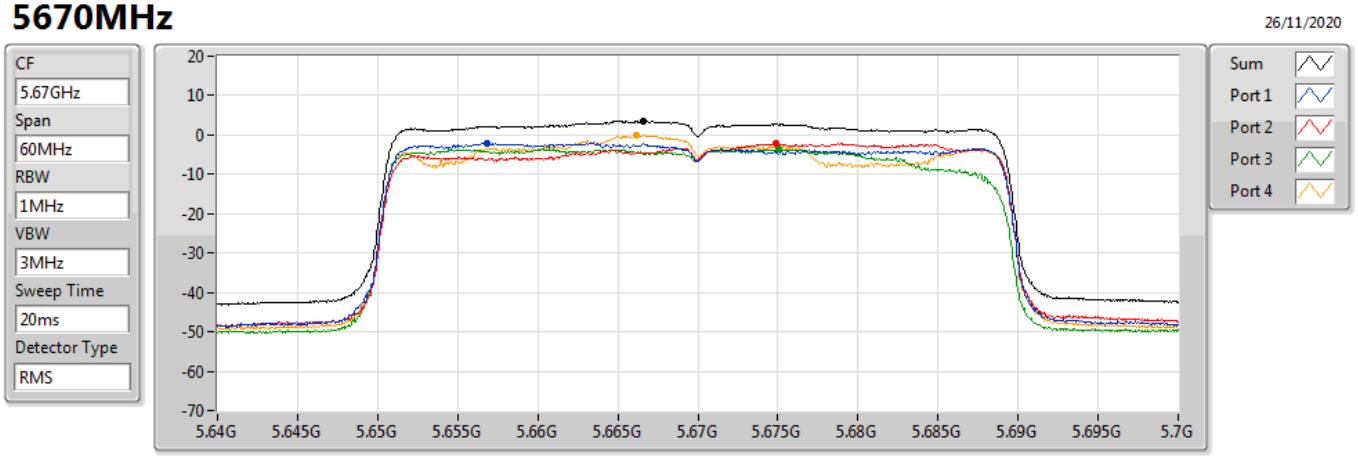
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	-1.19	-2.90	-4.44	-1.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

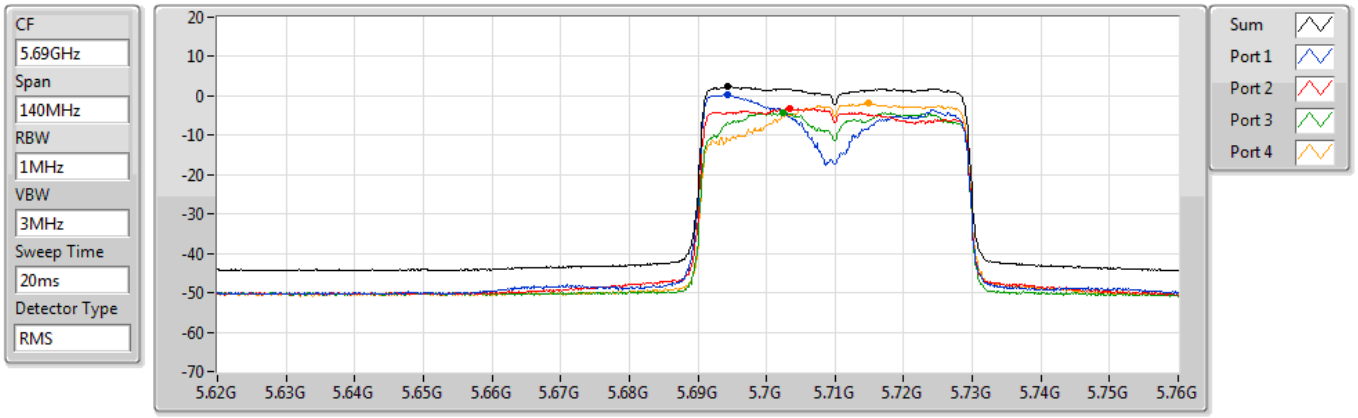
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	-2.15	-2.21	-3.66	-0.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

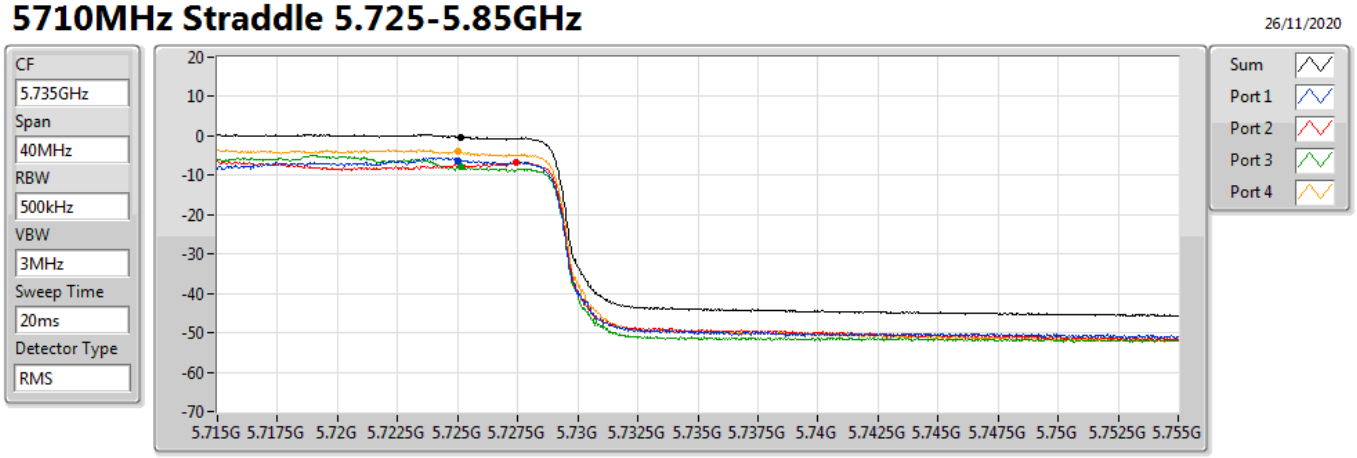
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	0.39	-3.23	-4.36	-1.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

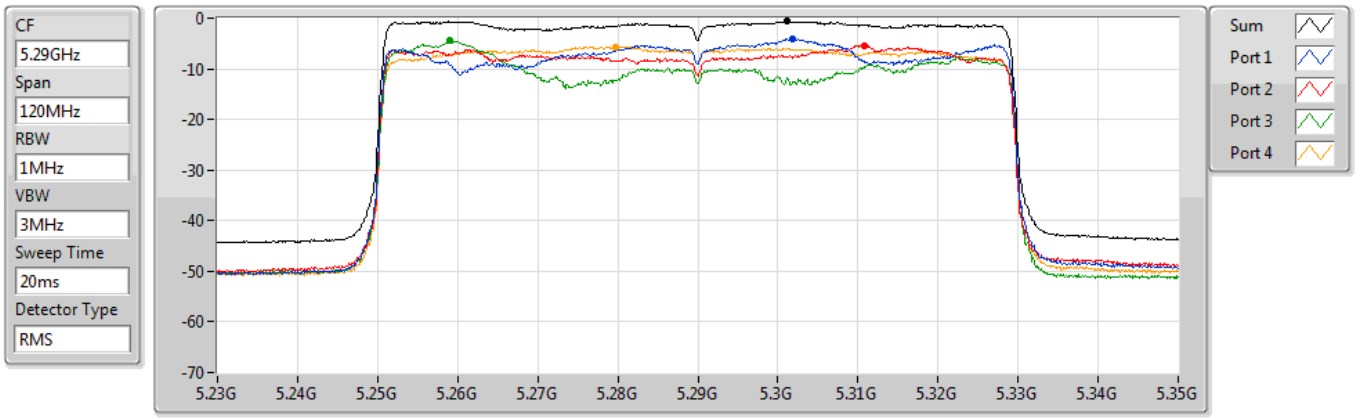
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.25	-0.25	-6.20	-6.71	-7.89	-4.06

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

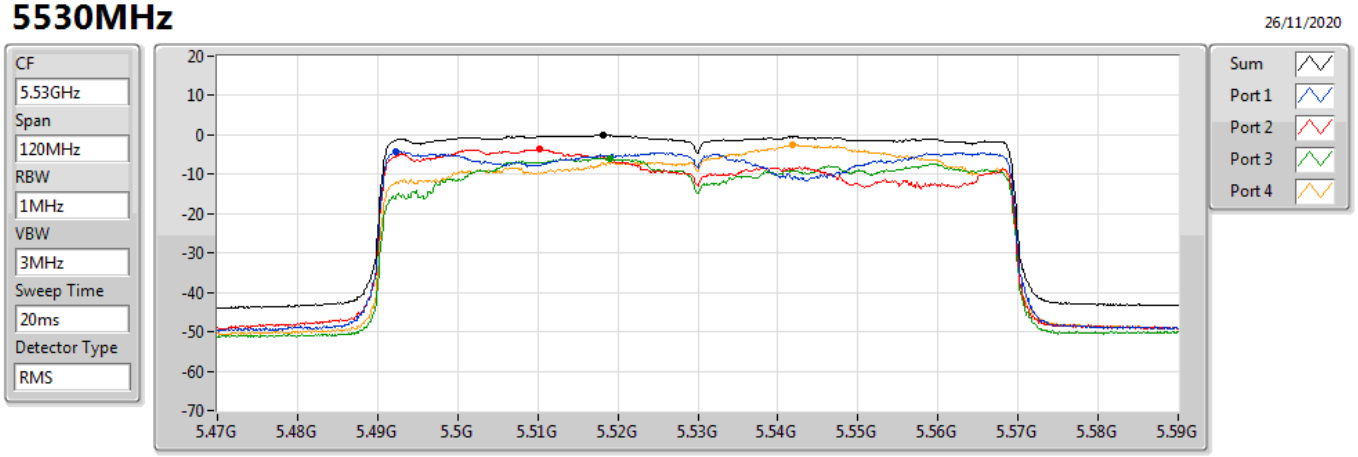
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-4.15	-5.35	-4.44	-5.63

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

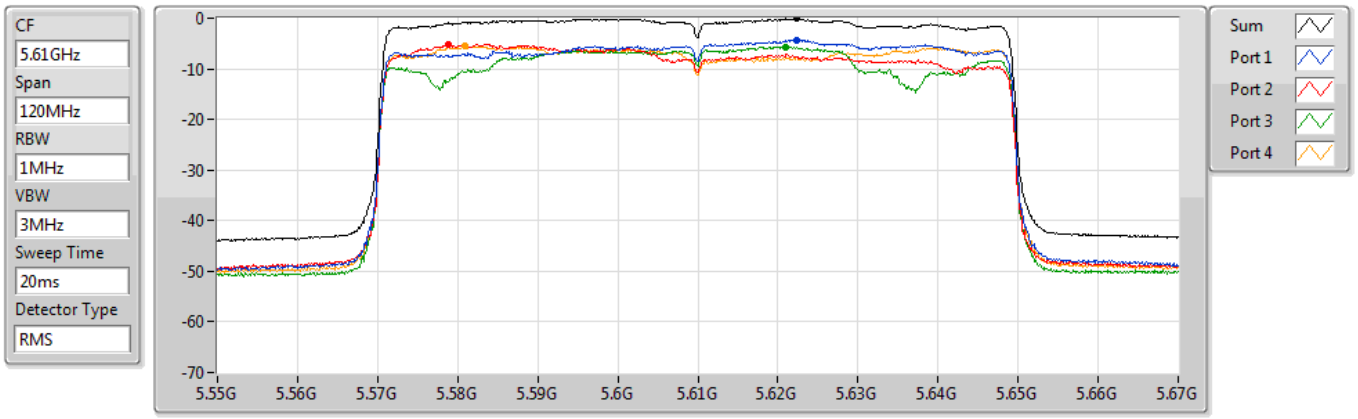
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.09	0.09	-4.23	-3.68	-5.88	-2.50

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

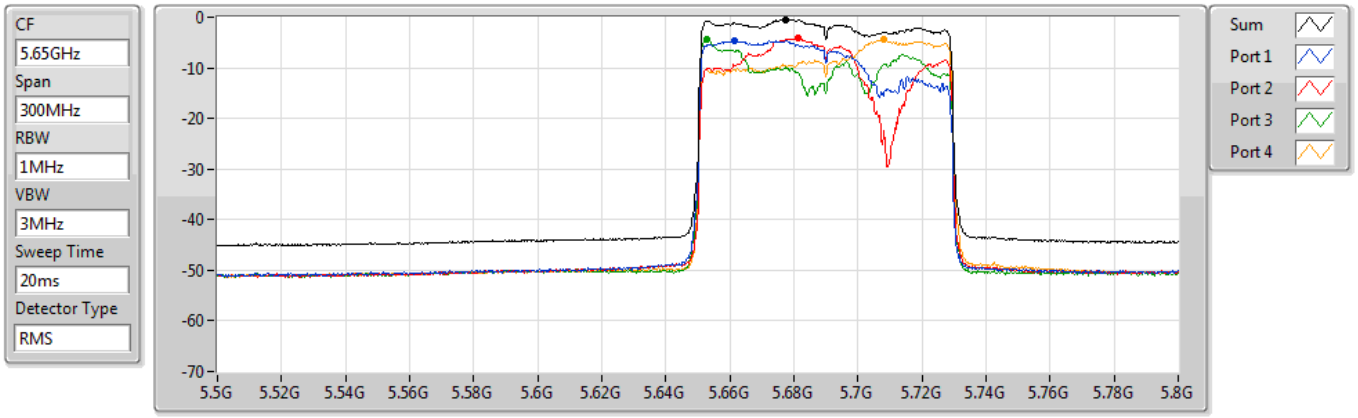


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.11	-0.11	-4.29	-5.13	-5.69	-5.47

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

26/11/2020

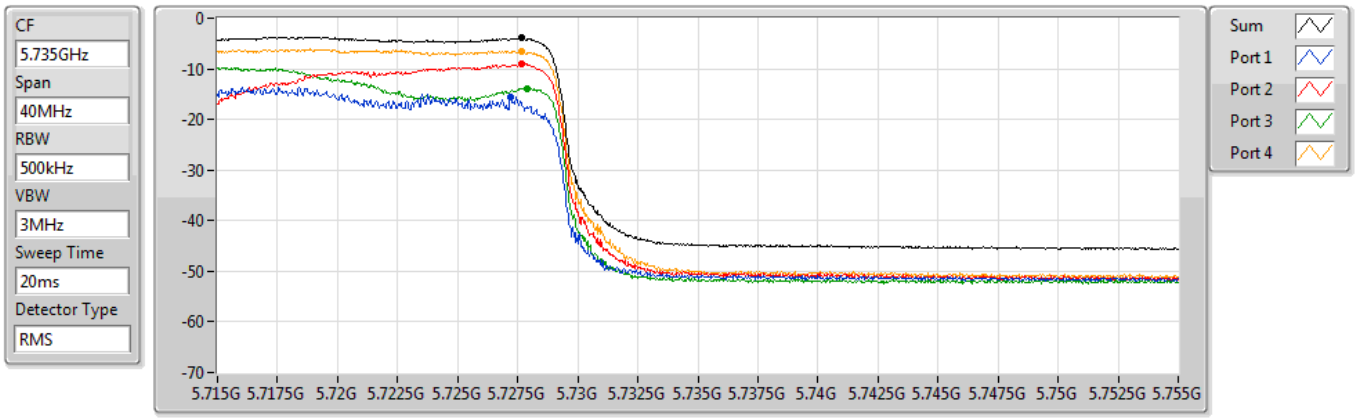


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.45	-0.45	-4.68	-4.11	-4.27	-4.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

26/11/2020

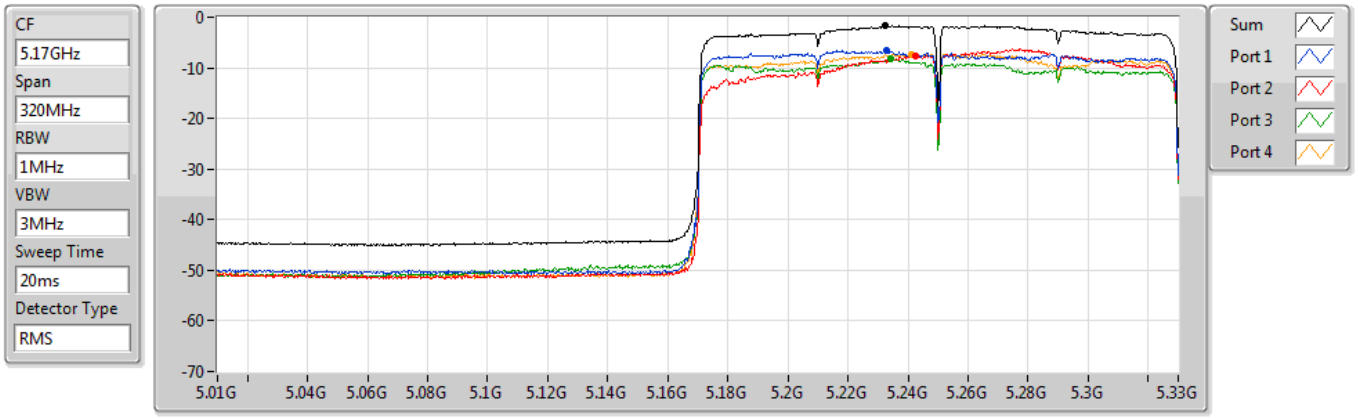


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.91	-3.91	-15.55	-8.98	-13.88	-6.49

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

07/12/2020

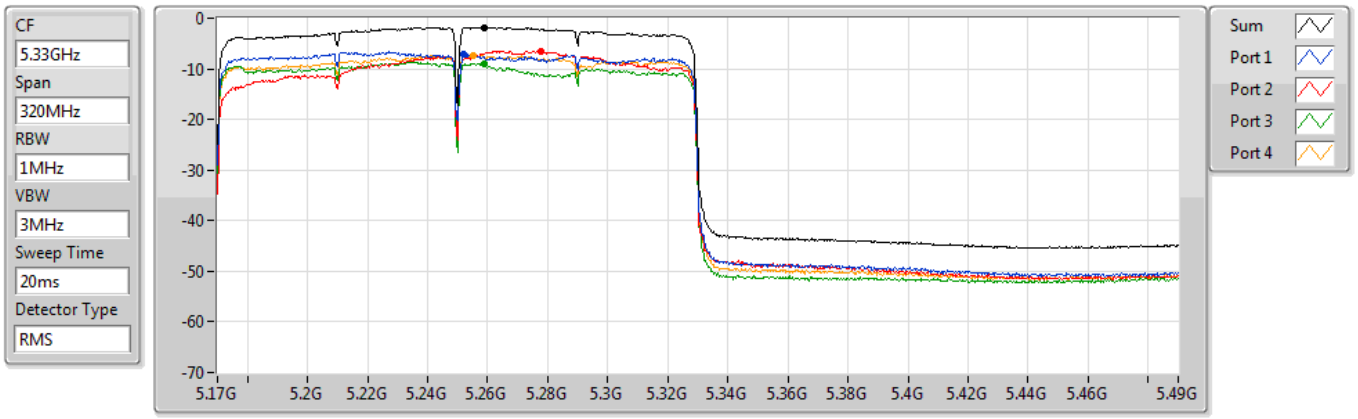


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.72	-1.72	-6.62	-7.53	-8.24	-7.36

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

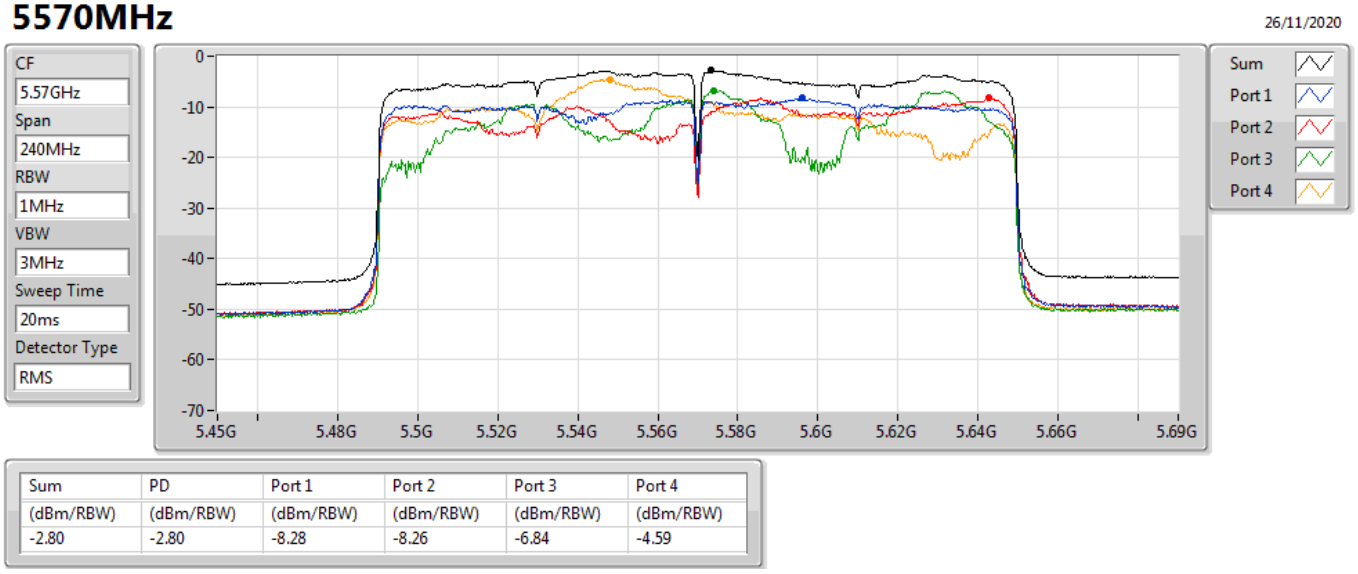
07/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.79	-1.79	-7.16	-6.47	-8.94	-7.35

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-8.28	-8.26	-6.84	-4.59

.

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	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	AV	5.1468G	52.61	54.00	-1.39	3	Horizontal	59	1.16	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.3512G	52.95	54.00	-1.05	3	Horizontal	64	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.3512G	52.94	54.00	-1.06	3	Horizontal	61	1.06	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.3616G	52.87	54.00	-1.13	3	Horizontal	65	1.01	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.351G	52.26	54.00	-1.74	3	Horizontal	66	1.13	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.726G	66.85	68.20	-1.35	3	Horizontal	52	2.15	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.15424G	52.95	54.00	-1.05	3	Vertical	255	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.452G	52.92	54.00	-1.08	3	Horizontal	69	1.02	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.456G	52.89	54.00	-1.11	3	Horizontal	63	2.15	-
802.11ax HEW160_Nss1,(MCS0)_4TX	Pass	PK	5.4644G	66.52	68.20	-1.68	3	Horizontal	63	2.17	-

.

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1418G	48.09	54.00	-5.91	3	Vertical	158	1.48	-
5260MHz	Pass	AV	5.2612G	104.75	Inf	-Inf	3	Vertical	158	1.48	-
5260MHz	Pass	AV	5.386G	47.67	54.00	-6.33	3	Vertical	158	1.48	-
5260MHz	Pass	PK	5.137G	56.98	74.00	-17.02	3	Vertical	158	1.48	-
5260MHz	Pass	PK	5.2618G	112.45	Inf	-Inf	3	Vertical	158	1.48	-
5260MHz	Pass	PK	5.383G	58.70	74.00	-15.30	3	Vertical	158	1.48	-
5260MHz	Pass	AV	5.1346G	52.89	54.00	-1.11	3	Horizontal	69	1.02	-
5260MHz	Pass	AV	5.2528G	118.11	Inf	-Inf	3	Horizontal	69	1.02	-
5260MHz	Pass	AV	5.371G	52.59	54.00	-1.41	3	Horizontal	69	1.02	-
5260MHz	Pass	PK	5.1358G	62.10	74.00	-11.90	3	Horizontal	69	1.02	-
5260MHz	Pass	PK	5.2534G	125.26	Inf	-Inf	3	Horizontal	69	1.02	-
5260MHz	Pass	PK	5.3626G	61.51	74.00	-12.49	3	Horizontal	69	1.02	-
5260MHz	Pass	PK	10.5224G	62.50	68.20	-5.70	3	Vertical	250	2.07	-
5260MHz	Pass	PK	10.4988G	57.10	68.20	-11.10	3	Horizontal	243	1.80	-
5300MHz	Pass	AV	5.2988G	101.10	Inf	-Inf	3	Vertical	143	2.34	-
5300MHz	Pass	AV	5.3936G	47.85	54.00	-6.15	3	Vertical	143	2.34	-
5300MHz	Pass	PK	5.2988G	108.16	Inf	-Inf	3	Vertical	143	2.34	-
5300MHz	Pass	PK	5.3616G	57.17	74.00	-16.83	3	Vertical	143	2.34	-
5300MHz	Pass	AV	5.2924G	114.54	Inf	-Inf	3	Horizontal	69	1.00	-
5300MHz	Pass	AV	5.35G	52.88	54.00	-1.12	3	Horizontal	69	1.00	-
5300MHz	Pass	PK	5.292G	121.82	Inf	-Inf	3	Horizontal	69	1.00	-
5300MHz	Pass	PK	5.35G	64.04	74.00	-9.96	3	Horizontal	69	1.00	-
5300MHz	Pass	AV	10.602G	50.99	54.00	-3.01	3	Vertical	125	1.16	-
5300MHz	Pass	PK	10.6012G	60.19	74.00	-13.81	3	Vertical	125	1.16	-
5300MHz	Pass	AV	10.6242G	47.06	54.00	-6.94	3	Horizontal	335	1.45	-
5300MHz	Pass	PK	10.6157G	57.24	74.00	-16.76	3	Horizontal	335	1.45	-
5320MHz	Pass	AV	5.3188G	98.73	Inf	-Inf	3	Vertical	143	2.50	-
5320MHz	Pass	AV	5.3544G	47.74	54.00	-6.26	3	Vertical	143	2.50	-
5320MHz	Pass	PK	5.3192G	105.62	Inf	-Inf	3	Vertical	143	2.50	-
5320MHz	Pass	PK	5.3524G	56.38	74.00	-17.62	3	Vertical	143	2.50	-
5320MHz	Pass	AV	5.3138G	111.64	Inf	-Inf	3	Horizontal	64	1.00	-
5320MHz	Pass	AV	5.3512G	52.95	54.00	-1.05	3	Horizontal	64	1.00	-
5320MHz	Pass	PK	5.313G	118.84	Inf	-Inf	3	Horizontal	64	1.00	-
5320MHz	Pass	PK	5.3508G	66.43	74.00	-7.57	3	Horizontal	64	1.00	-
5320MHz	Pass	AV	10.6421G	46.94	54.00	-7.06	3	Vertical	191	1.50	-
5320MHz	Pass	PK	10.6309G	56.83	74.00	-17.17	3	Vertical	191	1.50	-
5320MHz	Pass	AV	10.6452G	46.60	54.00	-7.40	3	Horizontal	129	2.00	-
5320MHz	Pass	PK	10.6541G	56.61	74.00	-17.39	3	Horizontal	129	2.00	-
5500MHz	Pass	AV	5.4506G	47.72	54.00	-6.28	3	Vertical	160	1.60	-
5500MHz	Pass	AV	5.5014G	102.33	Inf	-Inf	3	Vertical	160	1.60	-
5500MHz	Pass	PK	5.4694G	59.66	68.20	-8.54	3	Vertical	160	1.60	-
5500MHz	Pass	PK	5.5028G	109.57	Inf	-Inf	3	Vertical	160	1.60	-
5500MHz	Pass	AV	5.4538G	49.96	54.00	-4.04	3	Horizontal	63	1.08	-
5500MHz	Pass	AV	5.4926G	112.62	Inf	-Inf	3	Horizontal	63	1.08	-
5500MHz	Pass	PK	5.47G	66.77	68.20	-1.43	3	Horizontal	63	1.08	-
5500MHz	Pass	PK	5.4922G	119.84	Inf	-Inf	3	Horizontal	63	1.08	-
5500MHz	Pass	AV	11.0004G	50.35	54.00	-3.65	3	Vertical	277	1.00	-
5500MHz	Pass	PK	10.9957G	60.31	74.00	-13.69	3	Vertical	277	1.00	-
5500MHz	Pass	AV	11.021G	48.19	54.00	-5.81	3	Horizontal	293	1.97	-
5500MHz	Pass	PK	11.0233G	57.49	74.00	-16.51	3	Horizontal	293	1.97	-
5580MHz	Pass	AV	5.4432G	47.32	54.00	-6.68	3	Vertical	160	1.46	-
5580MHz	Pass	AV	5.5812G	104.32	Inf	-Inf	3	Vertical	160	1.46	-
5580MHz	Pass	PK	5.463G	57.07	68.20	-11.13	3	Vertical	160	1.46	-
5580MHz	Pass	PK	5.5824G	111.43	Inf	-Inf	3	Vertical	160	1.46	-
5580MHz	Pass	PK	5.73G	57.02	68.20	-11.18	3	Vertical	160	1.46	-
5580MHz	Pass	AV	5.4576G	49.69	54.00	-4.31	3	Horizontal	42	2.60	-
5580MHz	Pass	AV	5.577G	112.49	Inf	-Inf	3	Horizontal	42	2.60	-
5580MHz	Pass	PK	5.4636G	57.99	68.20	-10.21	3	Horizontal	42	2.60	-
5580MHz	Pass	PK	5.577G	120.86	Inf	-Inf	3	Horizontal	42	2.60	-
5580MHz	Pass	PK	5.7264G	57.91	68.20	-10.29	3	Horizontal	42	2.60	-

.

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	11.1564G	52.52	54.00	-1.48	3	Vertical	262	1.00	-
5580MHz	Pass	PK	11.1544G	65.90	74.00	-8.10	3	Vertical	262	1.00	-
5580MHz	Pass	PK	11.1637G	57.34	74.00	-16.66	3	Horizontal	216	2.22	-
5580MHz	Pass	AV	11.1549G	48.00	54.00	-6.00	3	Horizontal	216	2.22	-
5700MHz	Pass	AV	5.7012G	100.17	Inf	-Inf	3	Vertical	157	1.39	-
5700MHz	Pass	PK	5.7024G	107.16	Inf	-Inf	3	Vertical	157	1.39	-
5700MHz	Pass	PK	5.7372G	58.37	68.20	-9.83	3	Vertical	157	1.39	-
5700MHz	Pass	AV	5.6952G	111.22	Inf	-Inf	3	Horizontal	52	2.15	-
5700MHz	Pass	PK	5.696G	118.72	Inf	-Inf	3	Horizontal	52	2.15	-
5700MHz	Pass	PK	5.726G	66.85	68.20	-1.35	3	Horizontal	52	2.15	-
5700MHz	Pass	AV	11.3985G	50.78	54.00	-3.22	3	Vertical	273	1.12	-
5700MHz	Pass	PK	11.4011G	62.43	74.00	-11.57	3	Vertical	273	1.12	-
5700MHz	Pass	AV	11.4138G	47.32	54.00	-6.68	3	Horizontal	89	1.73	-
5700MHz	Pass	PK	11.4158G	57.23	74.00	-16.77	3	Horizontal	89	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.721G	103.51	Inf	-Inf	3	Vertical	182	2.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.722G	110.84	Inf	-Inf	3	Vertical	182	2.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.87G	58.74	68.20	-9.46	3	Vertical	182	2.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.719G	112.84	Inf	-Inf	3	Horizontal	36	2.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.717G	119.91	Inf	-Inf	3	Horizontal	36	2.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.893G	59.38	68.20	-8.82	3	Horizontal	36	2.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43984G	52.46	54.00	-1.54	3	Vertical	268	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4396G	66.79	74.00	-7.21	3	Vertical	268	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43832G	48.63	54.00	-5.37	3	Horizontal	128	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44244G	59.23	74.00	-14.77	3	Horizontal	128	1.90	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.143G	48.36	54.00	-5.64	3	Vertical	173	2.87	-
5260MHz	Pass	AV	5.2654G	103.68	Inf	-Inf	3	Vertical	173	2.87	-
5260MHz	Pass	AV	5.386G	47.52	54.00	-6.48	3	Vertical	173	2.87	-
5260MHz	Pass	PK	5.1274G	57.67	74.00	-16.33	3	Vertical	173	2.87	-
5260MHz	Pass	PK	5.2654G	113.00	Inf	-Inf	3	Vertical	173	2.87	-
5260MHz	Pass	PK	5.3836G	57.58	74.00	-16.42	3	Vertical	173	2.87	-
5260MHz	Pass	AV	5.1424G	52.82	54.00	-1.18	3	Horizontal	68	1.17	-
5260MHz	Pass	AV	5.2612G	115.34	Inf	-Inf	3	Horizontal	68	1.17	-
5260MHz	Pass	AV	5.3854G	51.66	54.00	-2.34	3	Horizontal	68	1.17	-
5260MHz	Pass	PK	5.143G	62.93	74.00	-11.07	3	Horizontal	68	1.17	-
5260MHz	Pass	PK	5.2564G	124.07	Inf	-Inf	3	Horizontal	68	1.17	-
5260MHz	Pass	PK	5.3758G	62.11	74.00	-11.89	3	Horizontal	68	1.17	-
5260MHz	Pass	PK	10.52096G	61.30	68.20	-6.90	3	Vertical	121	1.88	-
5260MHz	Pass	PK	10.52112G	59.36	68.20	-8.84	3	Horizontal	138	3.00	-
5300MHz	Pass	AV	5.3004G	103.63	Inf	-Inf	3	Vertical	181	3.00	-
5300MHz	Pass	AV	5.3556G	47.78	54.00	-6.22	3	Vertical	181	3.00	-
5300MHz	Pass	PK	5.2936G	112.98	Inf	-Inf	3	Vertical	181	3.00	-
5300MHz	Pass	PK	5.3516G	57.10	74.00	-16.90	3	Vertical	181	3.00	-
5300MHz	Pass	AV	5.3012G	113.83	Inf	-Inf	3	Horizontal	68	1.10	-
5300MHz	Pass	AV	5.3516G	52.84	54.00	-1.16	3	Horizontal	68	1.10	-
5300MHz	Pass	PK	5.2964G	123.16	Inf	-Inf	3	Horizontal	68	1.10	-
5300MHz	Pass	PK	5.3516G	64.77	74.00	-9.23	3	Horizontal	68	1.10	-
5300MHz	Pass	AV	10.60104G	52.38	54.00	-1.62	3	Vertical	117	1.00	-
5300MHz	Pass	PK	10.6012G	60.64	74.00	-13.36	3	Vertical	117	1.00	-
5300MHz	Pass	AV	10.6037G	48.42	54.00	-5.58	3	Horizontal	149	2.91	-
5300MHz	Pass	PK	10.61948G	58.30	74.00	-15.70	3	Horizontal	149	2.91	-
5320MHz	Pass	AV	5.3174G	99.84	Inf	-Inf	3	Vertical	20	2.94	-
5320MHz	Pass	AV	5.3642G	47.84	54.00	-6.16	3	Vertical	20	2.94	-
5320MHz	Pass	PK	5.3272G	108.69	Inf	-Inf	3	Vertical	20	2.94	-
5320MHz	Pass	PK	5.3626G	57.49	74.00	-16.51	3	Vertical	20	2.94	-
5320MHz	Pass	AV	5.3214G	109.79	Inf	-Inf	3	Horizontal	61	1.06	-
5320MHz	Pass	AV	5.3512G	52.94	54.00	-1.06	3	Horizontal	61	1.06	-
5320MHz	Pass	PK	5.3264G	119.58	Inf	-Inf	3	Horizontal	61	1.06	-
5320MHz	Pass	PK	5.3518G	66.38	74.00	-7.62	3	Horizontal	61	1.06	-
5320MHz	Pass	AV	10.641G	47.57	54.00	-6.43	3	Vertical	70	2.73	-
5320MHz	Pass	PK	10.64892G	57.45	74.00	-16.55	3	Vertical	70	2.73	-
5320MHz	Pass	AV	10.63024G	47.02	54.00	-6.98	3	Horizontal	168	1.65	-

.

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	10.64416G	56.92	74.00	-17.08	3	Horizontal	168	1.65	-
5500MHz	Pass	AV	5.4596G	48.10	54.00	-5.90	3	Vertical	180	2.93	-
5500MHz	Pass	AV	5.4952G	101.13	Inf	-Inf	3	Vertical	180	2.93	-
5500MHz	Pass	PK	5.47G	60.08	68.20	-8.12	3	Vertical	180	2.93	-
5500MHz	Pass	PK	5.5034G	110.61	Inf	-Inf	3	Vertical	180	2.93	-
5500MHz	Pass	AV	5.4572G	50.69	54.00	-3.31	3	Horizontal	61	1.01	-
5500MHz	Pass	AV	5.5012G	111.92	Inf	-Inf	3	Horizontal	61	1.01	-
5500MHz	Pass	PK	5.4662G	66.88	68.20	-1.32	3	Horizontal	61	1.01	-
5500MHz	Pass	PK	5.4964G	121.07	Inf	-Inf	3	Horizontal	61	1.01	-
5500MHz	Pass	AV	10.996G	50.30	54.00	-3.70	3	Vertical	256	1.00	-
5500MHz	Pass	PK	10.99672G	59.64	74.00	-14.36	3	Vertical	256	1.00	-
5500MHz	Pass	AV	11.01408G	47.63	54.00	-6.37	3	Horizontal	239	1.43	-
5500MHz	Pass	PK	11.0168G	57.58	74.00	-16.42	3	Horizontal	239	1.43	-
5580MHz	Pass	AV	5.4558G	47.61	54.00	-6.39	3	Vertical	0	2.75	-
5580MHz	Pass	AV	5.5854G	100.64	Inf	-Inf	3	Vertical	0	2.75	-
5580MHz	Pass	PK	5.4606G	57.09	68.20	-11.11	3	Vertical	0	2.75	-
5580MHz	Pass	PK	5.5854G	109.46	Inf	-Inf	3	Vertical	0	2.75	-
5580MHz	Pass	PK	5.7264G	57.26	68.20	-10.94	3	Vertical	0	2.75	-
5580MHz	Pass	AV	5.457G	52.59	54.00	-1.41	3	Horizontal	64	2.17	-
5580MHz	Pass	AV	5.5866G	115.33	Inf	-Inf	3	Horizontal	64	2.17	-
5580MHz	Pass	PK	5.4624G	63.46	68.20	-4.74	3	Horizontal	64	2.17	-
5580MHz	Pass	PK	5.5812G	124.51	Inf	-Inf	3	Horizontal	64	2.17	-
5580MHz	Pass	PK	5.7252G	58.81	68.20	-9.39	3	Horizontal	64	2.17	-
5580MHz	Pass	AV	11.15424G	52.95	54.00	-1.05	3	Vertical	255	1.00	-
5580MHz	Pass	PK	11.1644G	66.37	74.00	-7.63	3	Vertical	255	1.00	-
5580MHz	Pass	AV	11.15312G	47.72	54.00	-6.28	3	Horizontal	222	2.19	-
5580MHz	Pass	PK	11.15352G	57.89	74.00	-16.11	3	Horizontal	222	2.19	-
5700MHz	Pass	AV	5.7004G	97.48	Inf	-Inf	3	Vertical	132	2.91	-
5700MHz	Pass	PK	5.7056G	106.99	Inf	-Inf	3	Vertical	132	2.91	-
5700MHz	Pass	PK	5.726G	58.84	68.20	-9.36	3	Vertical	132	2.91	-
5700MHz	Pass	AV	5.7012G	108.08	Inf	-Inf	3	Horizontal	65	2.09	-
5700MHz	Pass	PK	5.7008G	117.77	Inf	-Inf	3	Horizontal	65	2.09	-
5700MHz	Pass	PK	5.7264G	66.40	68.20	-1.80	3	Horizontal	65	2.09	-
5700MHz	Pass	AV	11.38168G	47.54	54.00	-6.46	3	Vertical	337	1.82	-
5700MHz	Pass	PK	11.38616G	57.90	74.00	-16.10	3	Vertical	337	1.82	-
5700MHz	Pass	AV	11.39736G	47.64	54.00	-6.36	3	Horizontal	288	1.60	-
5700MHz	Pass	PK	11.4056G	57.68	74.00	-16.32	3	Horizontal	288	1.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.723G	104.29	Inf	-Inf	3	Vertical	192	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.723G	113.43	Inf	-Inf	3	Vertical	192	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.881G	58.77	68.20	-9.43	3	Vertical	192	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.721G	113.23	Inf	-Inf	3	Horizontal	73	2.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.724G	121.89	Inf	-Inf	3	Horizontal	73	2.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.933G	61.20	68.20	-7.00	3	Horizontal	73	2.10	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44008G	52.57	54.00	-1.43	3	Vertical	274	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43472G	67.67	74.00	-6.33	3	Vertical	274	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43776G	50.86	54.00	-3.14	3	Horizontal	172	2.20	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43832G	63.89	74.00	-10.11	3	Horizontal	172	2.20	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2724G	100.69	Inf	-Inf	3	Vertical	20	2.60	-
5270MHz	Pass	AV	5.3628G	48.20	54.00	-5.80	3	Vertical	20	2.60	-
5270MHz	Pass	PK	5.2724G	108.94	Inf	-Inf	3	Vertical	20	2.60	-
5270MHz	Pass	PK	5.3568G	57.98	74.00	-16.02	3	Vertical	20	2.60	-
5270MHz	Pass	AV	5.2764G	110.96	Inf	-Inf	3	Horizontal	65	1.01	-
5270MHz	Pass	AV	5.3616G	52.87	54.00	-1.13	3	Horizontal	65	1.01	-
5270MHz	Pass	PK	5.2564G	120.92	Inf	-Inf	3	Horizontal	65	1.01	-
5270MHz	Pass	PK	5.3616G	62.60	74.00	-11.40	3	Horizontal	65	1.01	-
5270MHz	Pass	PK	10.5424G	56.62	68.20	-11.58	3	Vertical	131	2.27	-
5270MHz	Pass	PK	10.5264G	56.81	68.20	-11.39	3	Horizontal	216	2.34	-
5310MHz	Pass	AV	5.3052G	91.63	Inf	-Inf	3	Vertical	188	2.88	-
5310MHz	Pass	AV	5.3896G	47.71	54.00	-6.29	3	Vertical	188	2.88	-
5310MHz	Pass	PK	5.2968G	101.75	Inf	-Inf	3	Vertical	188	2.88	-
5310MHz	Pass	PK	5.4004G	58.15	74.00	-15.85	3	Vertical	188	2.88	-

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Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz	Pass	AV	5.306G	104.48	Inf	-Inf	3	Horizontal	68	1.01	-
5310MHz	Pass	AV	5.3512G	52.58	54.00	-1.42	3	Horizontal	68	1.01	-
5310MHz	Pass	PK	5.2964G	114.26	Inf	-Inf	3	Horizontal	68	1.01	-
5310MHz	Pass	PK	5.356G	63.35	74.00	-10.65	3	Horizontal	68	1.01	-
5310MHz	Pass	AV	10.6063G	46.21	54.00	-7.79	3	Vertical	40	1.85	-
5310MHz	Pass	PK	10.6287G	56.21	74.00	-17.79	3	Vertical	40	1.85	-
5310MHz	Pass	AV	10.629G	46.35	54.00	-7.65	3	Horizontal	61	1.27	-
5310MHz	Pass	PK	10.6441G	55.98	74.00	-18.02	3	Horizontal	61	1.27	-
5510MHz	Pass	AV	5.4572G	47.99	54.00	-6.01	3	Vertical	187	2.73	-
5510MHz	Pass	AV	5.5068G	97.23	Inf	-Inf	3	Vertical	187	2.73	-
5510MHz	Pass	PK	5.4688G	57.56	68.20	-10.64	3	Vertical	187	2.73	-
5510MHz	Pass	PK	5.4968G	106.67	Inf	-Inf	3	Vertical	187	2.73	-
5510MHz	Pass	AV	5.456G	52.73	54.00	-1.27	3	Horizontal	69	1.00	-
5510MHz	Pass	AV	5.5212G	108.61	Inf	-Inf	3	Horizontal	69	1.00	-
5510MHz	Pass	PK	5.4612G	66.76	68.20	-1.44	3	Horizontal	69	1.00	-
5510MHz	Pass	PK	5.5064G	116.74	Inf	-Inf	3	Horizontal	69	1.00	-
5510MHz	Pass	AV	11.0218G	46.59	54.00	-7.41	3	Vertical	284	2.11	-
5510MHz	Pass	PK	10.9979G	56.85	74.00	-17.15	3	Vertical	284	2.11	-
5510MHz	Pass	AV	11.0223G	46.70	54.00	-7.30	3	Horizontal	98	1.35	-
5510MHz	Pass	PK	11.0204G	56.48	74.00	-17.52	3	Horizontal	98	1.35	-
5550MHz	Pass	AV	5.4572G	48.52	54.00	-5.48	3	Vertical	182	2.87	-
5550MHz	Pass	AV	5.5448G	103.20	Inf	-Inf	3	Vertical	182	2.87	-
5550MHz	Pass	PK	5.4656G	58.84	68.20	-9.36	3	Vertical	182	2.87	-
5550MHz	Pass	PK	5.5552G	112.94	Inf	-Inf	3	Vertical	182	2.87	-
5550MHz	Pass	AV	5.452G	52.92	54.00	-1.08	3	Horizontal	69	1.02	-
5550MHz	Pass	AV	5.5612G	112.45	Inf	-Inf	3	Horizontal	69	1.02	-
5550MHz	Pass	PK	5.4664G	62.91	68.20	-5.29	3	Horizontal	69	1.02	-
5550MHz	Pass	PK	5.536G	120.71	Inf	-Inf	3	Horizontal	69	1.02	-
5550MHz	Pass	AV	11.1233G	46.38	54.00	-7.62	3	Vertical	194	1.46	-
5550MHz	Pass	PK	11.0905G	56.31	74.00	-17.69	3	Vertical	194	1.46	-
5550MHz	Pass	AV	11.094G	46.27	54.00	-7.73	3	Horizontal	19	1.11	-
5550MHz	Pass	PK	11.0865G	55.97	74.00	-18.03	3	Horizontal	19	1.11	-
5670MHz	Pass	AV	5.6564G	93.73	Inf	-Inf	3	Vertical	217	2.51	-
5670MHz	Pass	PK	5.6564G	103.97	Inf	-Inf	3	Vertical	217	2.51	-
5670MHz	Pass	PK	5.7696G	58.27	68.20	-9.93	3	Vertical	217	2.51	-
5670MHz	Pass	AV	5.6612G	109.29	Inf	-Inf	3	Horizontal	66	2.06	-
5670MHz	Pass	PK	5.6564G	117.77	Inf	-Inf	3	Horizontal	66	2.06	-
5670MHz	Pass	PK	5.7256G	66.92	68.20	-1.28	3	Horizontal	66	2.06	-
5670MHz	Pass	AV	11.3201G	46.53	54.00	-7.47	3	Vertical	196	1.63	-
5670MHz	Pass	PK	11.3401G	57.17	74.00	-16.83	3	Vertical	196	1.63	-
5670MHz	Pass	AV	11.3188G	46.63	54.00	-7.37	3	Horizontal	175	2.43	-
5670MHz	Pass	PK	11.3503G	56.73	74.00	-17.27	3	Horizontal	175	2.43	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	47.13	54.00	-6.87	3	Vertical	203	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.699G	99.18	Inf	-Inf	3	Vertical	203	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.461G	57.32	68.20	-10.88	3	Vertical	203	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.698G	108.39	Inf	-Inf	3	Vertical	203	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.882G	57.91	68.20	-10.29	3	Vertical	203	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	49.35	54.00	-4.65	3	Horizontal	65	1.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.701G	111.01	Inf	-Inf	3	Horizontal	65	1.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	59.16	68.20	-9.04	3	Horizontal	65	1.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.696G	119.85	Inf	-Inf	3	Horizontal	65	1.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.874G	61.01	68.20	-7.19	3	Horizontal	65	1.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42048G	52.34	54.00	-1.66	3	Vertical	270	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42008G	62.73	74.00	-11.27	3	Vertical	270	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41384G	50.22	54.00	-3.78	3	Horizontal	174	2.20	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41632G	59.94	74.00	-14.06	3	Horizontal	174	2.20	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.147G	47.43	54.00	-6.57	3	Vertical	216	2.87	-
5290MHz	Pass	AV	5.276G	90.49	Inf	-Inf	3	Vertical	216	2.87	-
5290MHz	Pass	AV	5.365G	46.78	54.00	-7.22	3	Vertical	216	2.87	-
5290MHz	Pass	PK	5.115G	55.75	74.00	-18.25	3	Vertical	216	2.87	-
5290MHz	Pass	PK	5.3G	99.00	Inf	-Inf	3	Vertical	216	2.87	-

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Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5290MHz	Pass	PK	5.53G	56.07	68.20	-12.13	3	Vertical	216	2.87	-
5290MHz	Pass	AV	5.147G	49.93	54.00	-4.07	3	Horizontal	66	1.13	-
5290MHz	Pass	AV	5.281G	101.71	Inf	-Inf	3	Horizontal	66	1.13	-
5290MHz	Pass	AV	5.351G	52.26	54.00	-1.74	3	Horizontal	66	1.13	-
5290MHz	Pass	PK	5.132G	58.33	74.00	-15.67	3	Horizontal	66	1.13	-
5290MHz	Pass	PK	5.296G	111.01	Inf	-Inf	3	Horizontal	66	1.13	-
5290MHz	Pass	PK	5.366G	63.74	74.00	-10.26	3	Horizontal	66	1.13	-
5290MHz	Pass	PK	10.5502G	55.92	68.20	-12.28	3	Vertical	264	1.74	-
5290MHz	Pass	PK	10.5782G	56.62	68.20	-11.58	3	Horizontal	160	1.63	-
5530MHz	Pass	AV	5.46G	47.67	54.00	-6.33	3	Vertical	182	2.93	-
5530MHz	Pass	AV	5.54G	94.28	Inf	-Inf	3	Vertical	182	2.93	-
5530MHz	Pass	PK	5.466G	56.52	68.20	-11.68	3	Vertical	182	2.93	-
5530MHz	Pass	PK	5.54G	104.56	Inf	-Inf	3	Vertical	182	2.93	-
5530MHz	Pass	PK	5.78G	56.13	68.20	-12.07	3	Vertical	182	2.93	-
5530MHz	Pass	AV	5.456G	52.89	54.00	-1.11	3	Horizontal	63	2.15	-
5530MHz	Pass	AV	5.541G	104.03	Inf	-Inf	3	Horizontal	63	2.15	-
5530MHz	Pass	PK	5.463G	63.85	68.20	-4.35	3	Horizontal	63	2.15	-
5530MHz	Pass	PK	5.537G	112.71	Inf	-Inf	3	Horizontal	63	2.15	-
5530MHz	Pass	PK	5.772G	57.64	68.20	-10.56	3	Horizontal	63	2.15	-
5530MHz	Pass	AV	11.0108G	46.82	54.00	-7.18	3	Vertical	340	2.11	-
5530MHz	Pass	PK	11.0128G	56.25	74.00	-17.75	3	Vertical	340	2.11	-
5530MHz	Pass	AV	11.0382G	46.72	54.00	-7.28	3	Horizontal	157	2.39	-
5530MHz	Pass	PK	11.0348G	56.26	74.00	-17.74	3	Horizontal	157	2.39	-
5610MHz	Pass	AV	5.458G	47.48	54.00	-6.52	3	Vertical	184	3.00	-
5610MHz	Pass	AV	5.597G	96.52	Inf	-Inf	3	Vertical	184	3.00	-
5610MHz	Pass	PK	5.466G	55.74	68.20	-12.46	3	Vertical	184	3.00	-
5610MHz	Pass	PK	5.598G	104.48	Inf	-Inf	3	Vertical	184	3.00	-
5610MHz	Pass	PK	5.726G	58.58	68.20	-9.62	3	Vertical	184	3.00	-
5610MHz	Pass	AV	5.434G	52.64	54.00	-1.36	3	Horizontal	63	2.18	-
5610MHz	Pass	AV	5.601G	106.88	Inf	-Inf	3	Horizontal	63	2.18	-
5610MHz	Pass	PK	5.47G	59.64	68.20	-8.56	3	Horizontal	63	2.18	-
5610MHz	Pass	PK	5.617G	115.32	Inf	-Inf	3	Horizontal	63	2.18	-
5610MHz	Pass	PK	5.726G	62.59	68.20	-5.61	3	Horizontal	63	2.18	-
5610MHz	Pass	AV	11.2428G	46.95	54.00	-7.05	3	Vertical	334	1.15	-
5610MHz	Pass	PK	11.2634G	57.56	74.00	-16.44	3	Vertical	334	1.15	-
5610MHz	Pass	AV	11.2054G	47.18	54.00	-6.82	3	Horizontal	131	2.43	-
5610MHz	Pass	PK	11.2232G	56.26	74.00	-17.74	3	Horizontal	131	2.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.1456G	48.92	54.00	-5.08	3	Vertical	197	2.92	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.1866G	102.06	Inf	-Inf	3	Vertical	197	2.92	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.1498G	59.27	74.00	-14.73	3	Vertical	197	2.92	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.1792G	109.43	Inf	-Inf	3	Vertical	197	2.92	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.15G	52.87	54.00	-1.13	3	Horizontal	67	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.1724G	113.00	Inf	-Inf	3	Horizontal	67	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.15G	66.99	74.00	-7.01	3	Horizontal	67	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.173G	120.23	Inf	-Inf	3	Horizontal	67	1.02	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	10.36092G	59.13	68.20	-9.07	3	Vertical	131	2.04	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	10.36476G	56.61	68.20	-11.59	3	Horizontal	246	1.50	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.136G	46.67	54.00	-7.33	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.2632G	88.29	Inf	-Inf	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.3868G	46.53	54.00	-7.47	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.1468G	57.91	74.00	-16.09	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.2632G	97.19	Inf	-Inf	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.5224G	55.71	68.20	-12.49	3	Vertical	204	3.00	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.1468G	52.61	54.00	-1.39	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.262G	99.01	Inf	-Inf	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.3868G	51.51	54.00	-2.49	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.1444G	67.01	74.00	-6.99	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.2764G	108.94	Inf	-Inf	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.364G	67.04	74.00	-6.96	3	Horizontal	59	1.16	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.5784G	55.74	68.20	-12.46	3	Vertical	354	1.59	-
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.4004G	55.71	68.20	-12.49	3	Horizontal	58	1.96	-

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Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5570MHz	Pass	AV	5.4296G	45.67	54.00	-8.33	3	Vertical	181	2.90	-
5570MHz	Pass	AV	5.5448G	90.92	Inf	-Inf	3	Vertical	181	2.90	-
5570MHz	Pass	PK	5.4692G	55.75	68.20	-12.45	3	Vertical	181	2.90	-
5570MHz	Pass	PK	5.5496G	101.37	Inf	-Inf	3	Vertical	181	2.90	-
5570MHz	Pass	PK	5.8316G	56.34	68.20	-11.86	3	Vertical	181	2.90	-
5570MHz	Pass	AV	5.4584G	49.85	54.00	-4.15	3	Horizontal	63	2.17	-
5570MHz	Pass	AV	5.5868G	100.33	Inf	-Inf	3	Horizontal	63	2.17	-
5570MHz	Pass	PK	5.4644G	66.52	68.20	-1.68	3	Horizontal	63	2.17	-
5570MHz	Pass	PK	5.576G	109.51	Inf	-Inf	3	Horizontal	63	2.17	-
5570MHz	Pass	PK	5.7272G	61.61	68.20	-6.59	3	Horizontal	63	2.17	-
5570MHz	Pass	AV	11.2376G	45.39	54.00	-8.61	3	Vertical	227	1.73	-
5570MHz	Pass	PK	11.118G	56.39	74.00	-17.61	3	Vertical	227	1.73	-
5570MHz	Pass	AV	11.2384G	45.51	54.00	-8.49	3	Horizontal	94	1.17	-
5570MHz	Pass	PK	11.2G	56.54	74.00	-17.46	3	Horizontal	94	1.17	-

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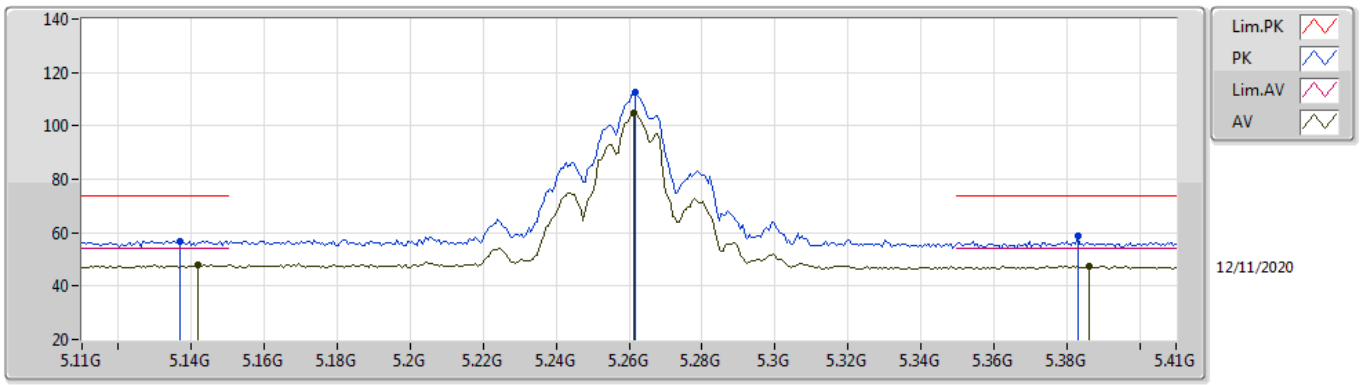
802.11a_Nss1,(6Mbps)_4TX

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	5.1418G	48.09	54.00	-5.91	9.57	3	Vertical	158	1.48	-	38.52	31.98	6.77	29.18
AV	5.2612G	104.75	Inf	-Inf	8.99	3	Vertical	158	1.48	-	95.76	31.38	6.80	29.19
AV	5.386G	47.67	54.00	-6.33	9.00	3	Vertical	158	1.48	-	38.67	31.39	6.80	29.19
PK	5.137G	56.98	74.00	-17.02	9.56	3	Vertical	158	1.48	-	47.42	31.97	6.77	29.18
PK	5.2618G	112.45	Inf	-Inf	8.99	3	Vertical	158	1.48	-	103.46	31.38	6.80	29.19
PK	5.383G	58.70	74.00	-15.30	8.97	3	Vertical	158	1.48	-	49.73	31.36	6.80	29.19

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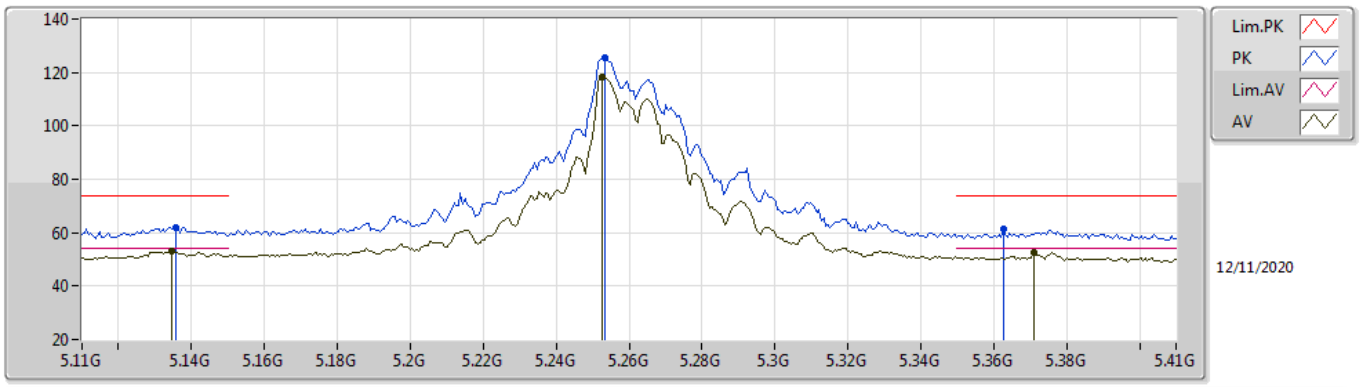
802.11a_Nss1,(6Mbps)_4TX

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	5.1346G	52.89	54.00	-1.11	9.56	3	Horizontal	69	1.02	-	43.33	31.97	6.77	29.18
AV	5.2528G	118.11	Inf	-Inf	9.00	3	Horizontal	69	1.02	-	109.11	31.39	6.80	29.19
AV	5.371G	52.59	54.00	-1.41	8.88	3	Horizontal	69	1.02	-	43.71	31.27	6.80	29.19
PK	5.1358G	62.10	74.00	-11.90	9.56	3	Horizontal	69	1.02	-	52.54	31.97	6.77	29.18
PK	5.2534G	125.26	Inf	-Inf	9.00	3	Horizontal	69	1.02	-	116.26	31.39	6.80	29.19
PK	5.3626G	61.51	74.00	-12.49	8.81	3	Horizontal	69	1.02	-	52.70	31.20	6.80	29.19

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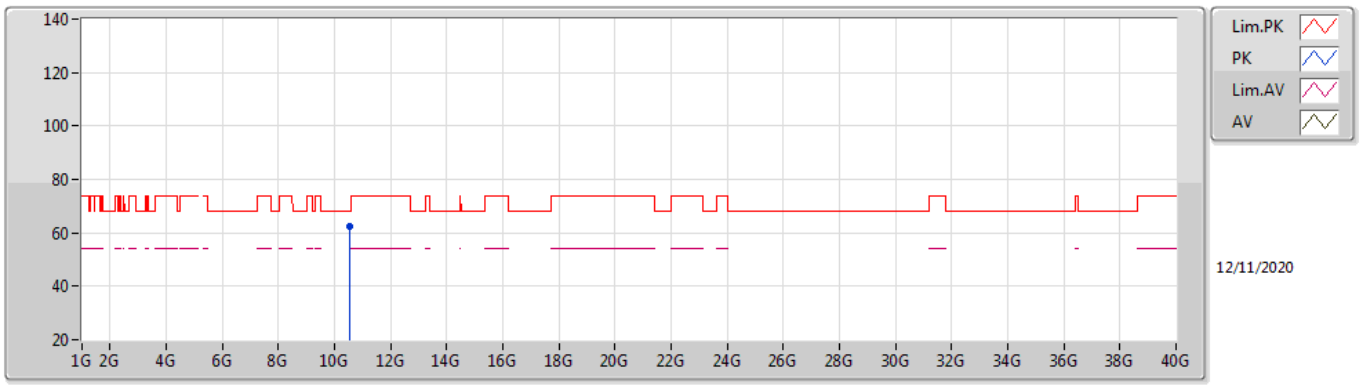
802.11a_Nss1,(6Mbps)_4TX

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)
PK	10.5224G	62.50	68.20	-5.70	18.37	3	Vertical	250	2.07	-	44.13	39.72	9.04	30.39

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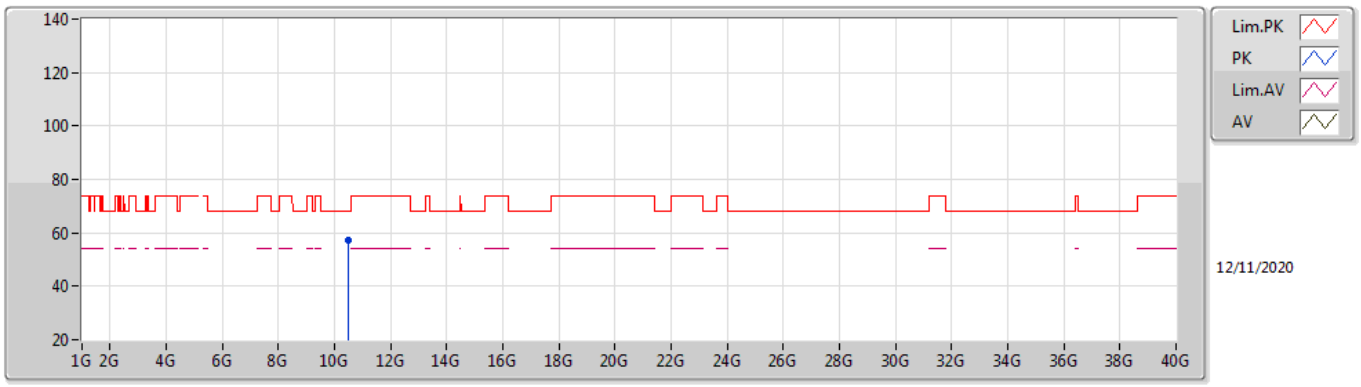
802.11a_Nss1,(6Mbps)_4TX

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)
PK	10.4988G	57.10	68.20	-11.10	18.33	3	Horizontal	243	1.80	-	38.77	39.70	9.02	30.39

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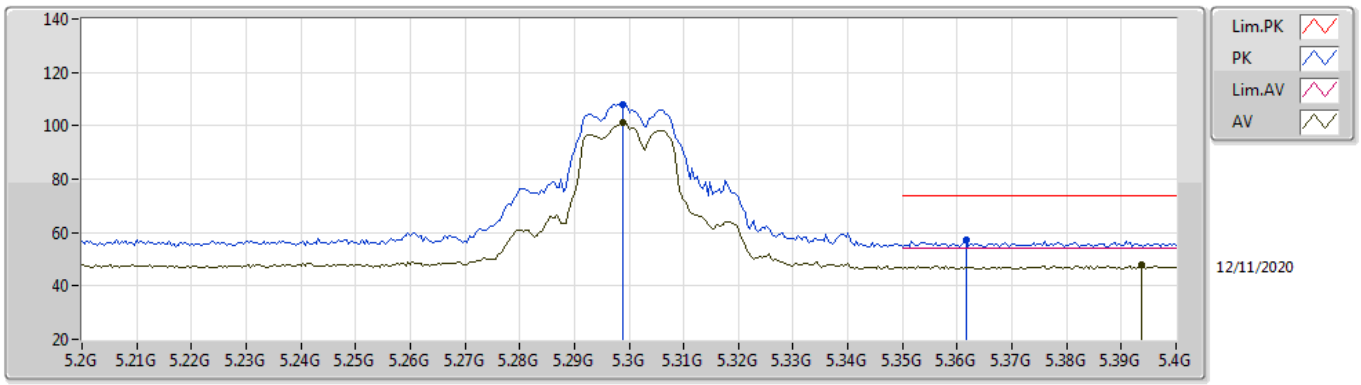
802.11a_Nss1,(6Mbps)_4TX

5300MHz_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	5.2988G	101.10	Inf	-Inf	8.91	3	Vertical	143	2.34	-	92.19	31.30	6.80	29.19
AV	5.3936G	47.85	54.00	-6.15	9.06	3	Vertical	143	2.34	-	38.79	31.45	6.80	29.19
PK	5.2988G	108.16	Inf	-Inf	8.91	3	Vertical	143	2.34	-	99.25	31.30	6.80	29.19
PK	5.3616G	57.17	74.00	-16.83	8.80	3	Vertical	143	2.34	-	48.37	31.19	6.80	29.19

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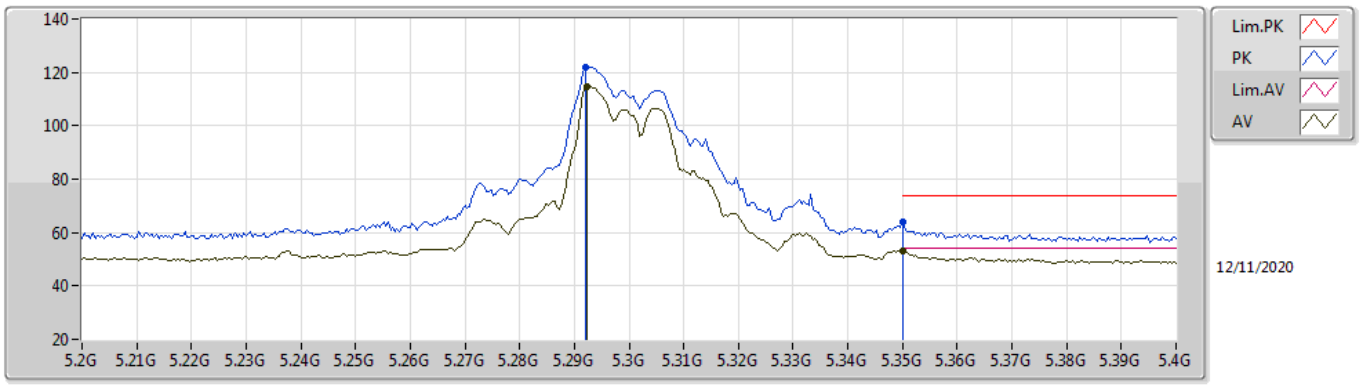
802.11a_Nss1,(6Mbps)_4TX

5300MHz_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	5.2924G	114.54	Inf	-Inf	8.93	3	Horizontal	69	1.00	-	105.61	31.32	6.80	29.19
AV	5.35G	52.88	54.00	-1.12	8.71	3	Horizontal	69	1.00	-	44.17	31.10	6.80	29.19
PK	5.292G	121.82	Inf	-Inf	8.93	3	Horizontal	69	1.00	-	112.89	31.32	6.80	29.19
PK	5.35G	64.04	74.00	-9.96	8.71	3	Horizontal	69	1.00	-	55.33	31.10	6.80	29.19

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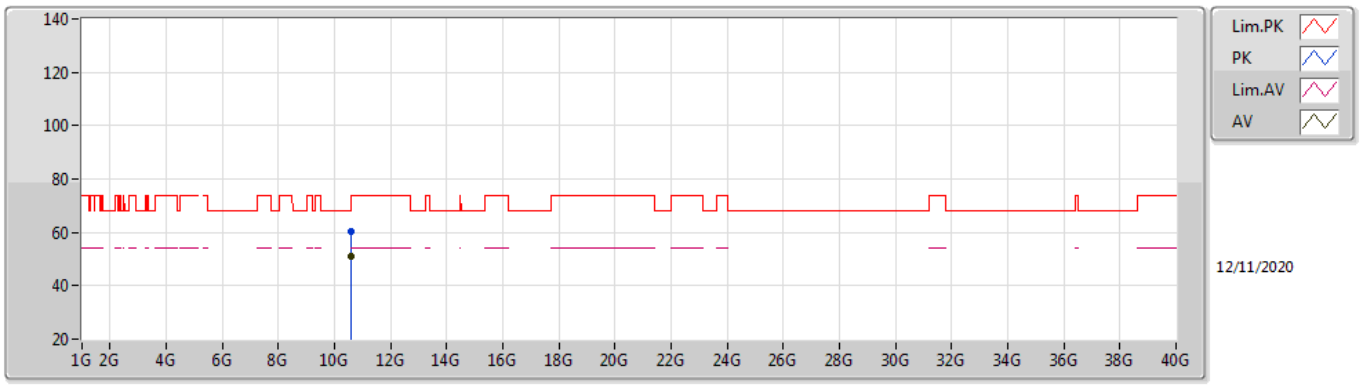
802.11a_Nss1,(6Mbps)_4TX

5300MHz_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	10.602G	50.99	54.00	-3.01	18.47	3	Vertical	125	1.16	-	32.52	39.80	9.07	30.40
PK	10.6012G	60.19	74.00	-13.81	18.47	3	Vertical	125	1.16	-	41.72	39.80	9.07	30.40

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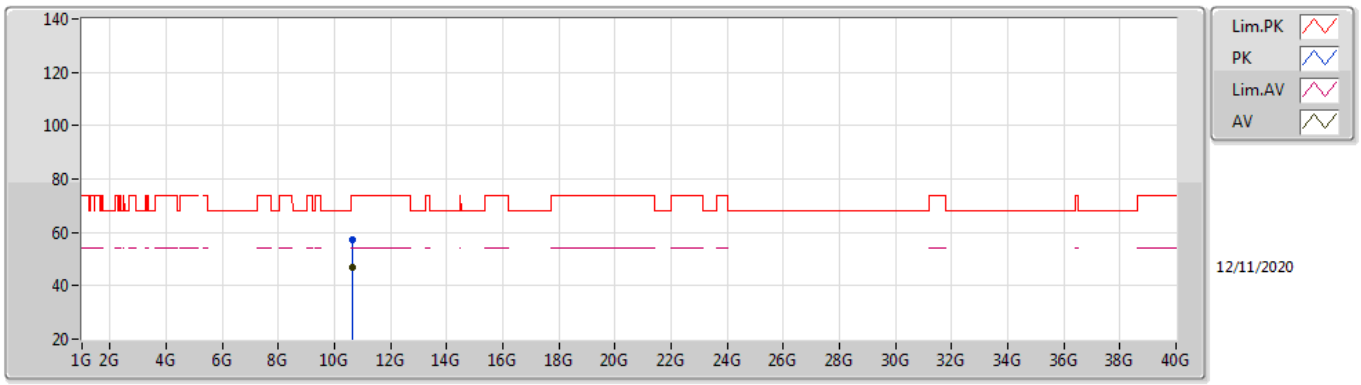
802.11a_Nss1,(6Mbps)_4TX

5300MHz_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	10.6242G	47.06	54.00	-6.94	18.46	3	Horizontal	335	1.45	-	28.60	39.78	9.08	30.40
PK	10.6157G	57.24	74.00	-16.76	18.46	3	Horizontal	335	1.45	-	38.78	39.78	9.08	30.40

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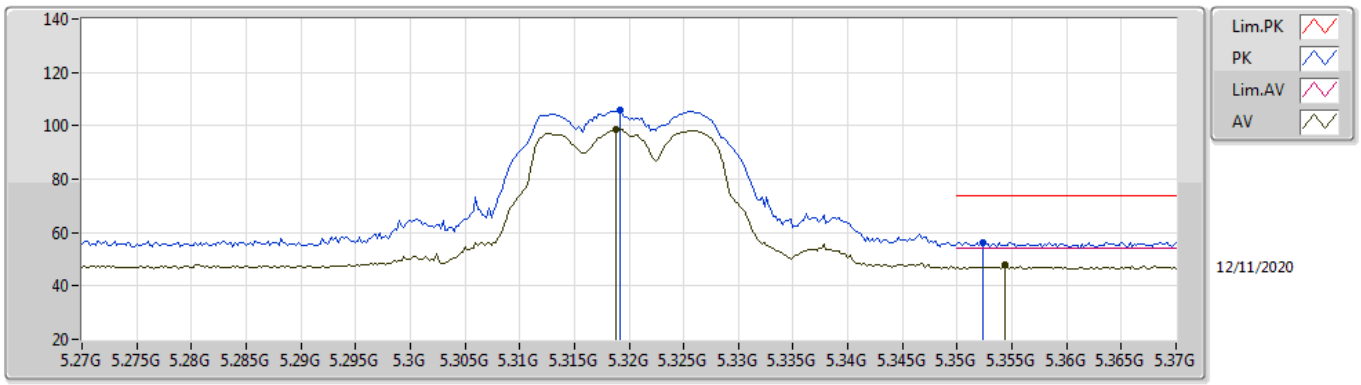
802.11a_Nss1,(6Mbps)_4TX

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	5.3188G	98.73	Inf	-Inf	8.83	3	Vertical	143	2.50	-	89.90	31.22	6.80	29.19
AV	5.3544G	47.74	54.00	-6.26	8.75	3	Vertical	143	2.50	-	38.99	31.14	6.80	29.19
PK	5.3192G	105.62	Inf	-Inf	8.83	3	Vertical	143	2.50	-	96.79	31.22	6.80	29.19
PK	5.3524G	56.38	74.00	-17.62	8.73	3	Vertical	143	2.50	-	47.65	31.12	6.80	29.19

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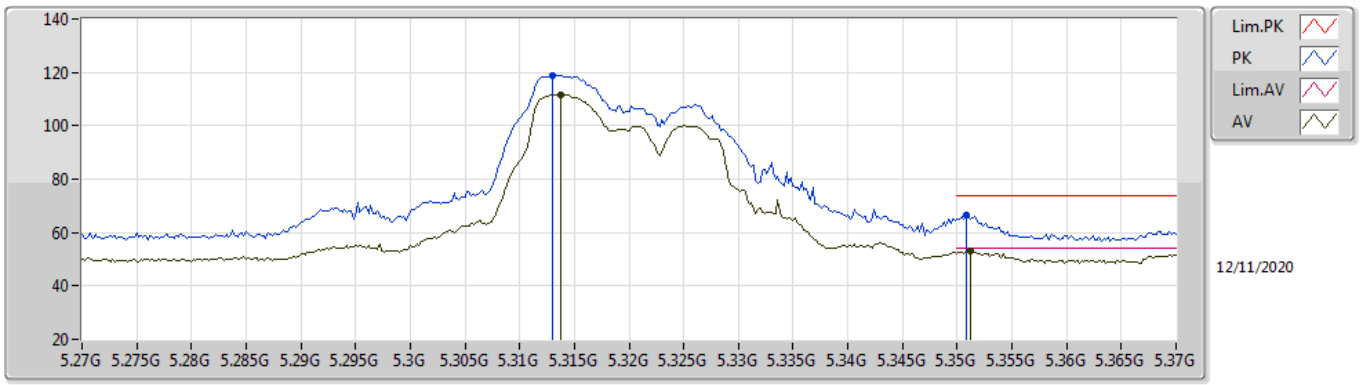
802.11a_Nss1,(6Mbps)_4TX

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	5.3138G	111.64	Inf	-Inf	8.85	3	Horizontal	64	1.00	-	102.79	31.24	6.80	29.19
AV	5.3512G	52.95	54.00	-1.05	8.72	3	Horizontal	64	1.00	-	44.23	31.11	6.80	29.19
PK	5.313G	118.84	Inf	-Inf	8.86	3	Horizontal	64	1.00	-	109.98	31.25	6.80	29.19
PK	5.3508G	66.43	74.00	-7.57	8.72	3	Horizontal	64	1.00	-	57.71	31.11	6.80	29.19

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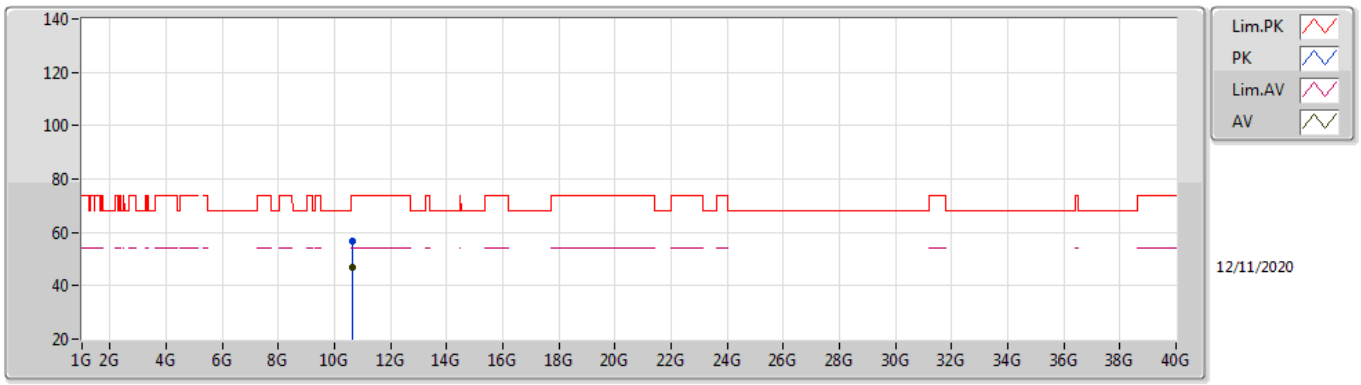
802.11a_Nss1,(6Mbps)_4TX

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	10.6421G	46.94	54.00	-7.06	18.44	3	Vertical	191	1.50	-	28.50	39.76	9.09	30.41
PK	10.6309G	56.83	74.00	-17.17	18.44	3	Vertical	191	1.50	-	38.39	39.77	9.08	30.41

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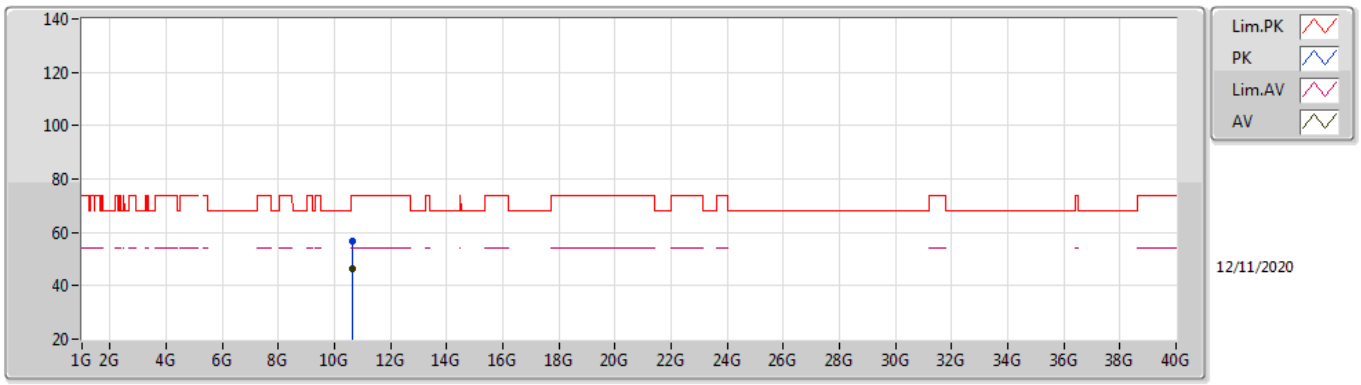
802.11a_Nss1,(6Mbps)_4TX

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	10.6452G	46.60	54.00	-7.40	18.43	3	Horizontal	129	2.00	-	28.17	39.75	9.09	30.41
PK	10.6541G	56.61	74.00	-17.39	18.43	3	Horizontal	129	2.00	-	38.18	39.75	9.09	30.41

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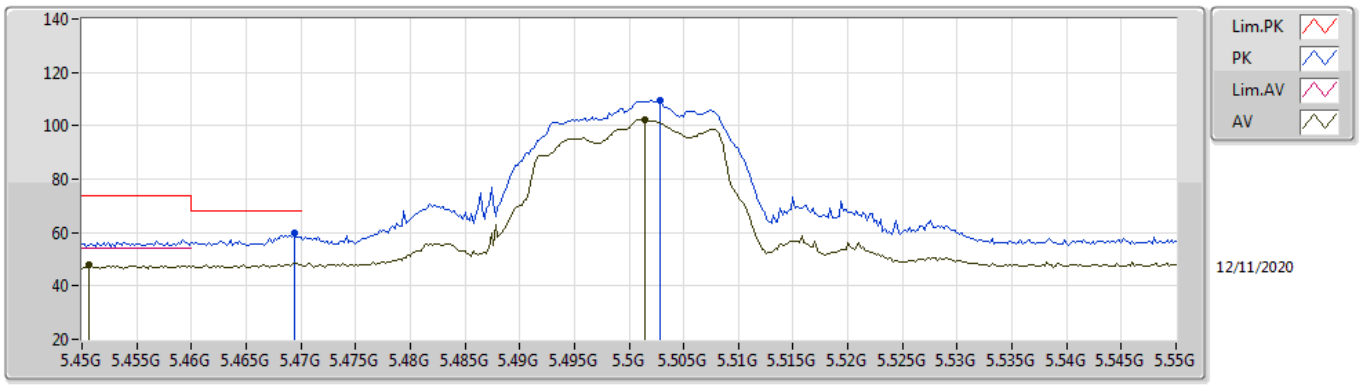
802.11a_Nss1,(6Mbps)_4TX

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	5.4506G	47.72	54.00	-6.28	9.23	3	Vertical	160	1.60	-	38.49	31.60	6.83	29.20
AV	5.5014G	102.33	Inf	-Inf	9.45	3	Vertical	160	1.60	-	92.88	31.80	6.85	29.20
PK	5.4694G	59.66	68.20	-8.54	9.31	3	Vertical	160	1.60	-	50.35	31.68	6.83	29.20
PK	5.5028G	109.57	Inf	-Inf	9.45	3	Vertical	160	1.60	-	100.12	31.80	6.85	29.20

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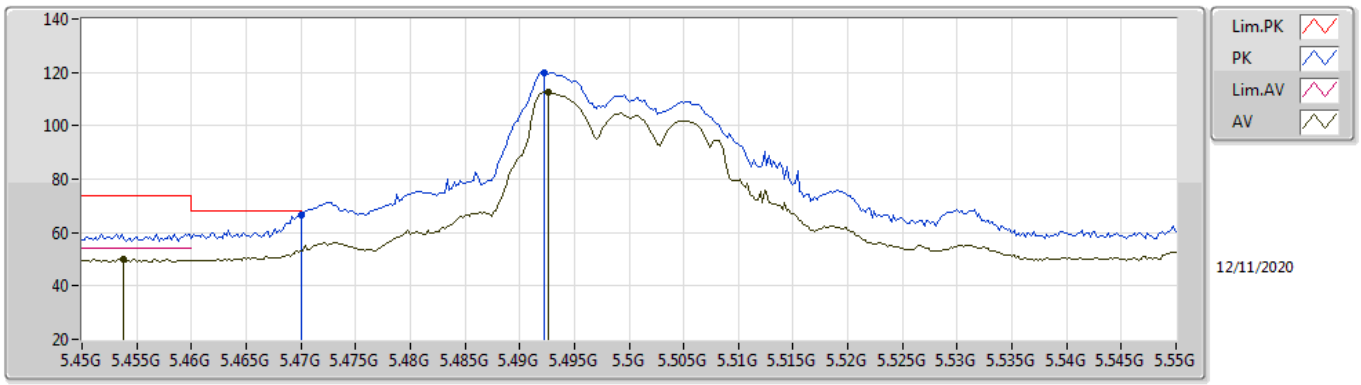
802.11a_Nss1,(6Mbps)_4TX

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	49.96	54.00	-4.04	9.25	3	Horizontal	63	1.08	-	40.71	31.62	6.83	29.20
AV	5.4926G	112.62	Inf	-Inf	9.42	3	Horizontal	63	1.08	-	103.20	31.77	6.85	29.20
PK	5.47G	66.77	68.20	-1.43	9.31	3	Horizontal	63	1.08	-	57.46	31.68	6.83	29.20
PK	5.4922G	119.84	Inf	-Inf	9.42	3	Horizontal	63	1.08	-	110.42	31.77	6.85	29.20

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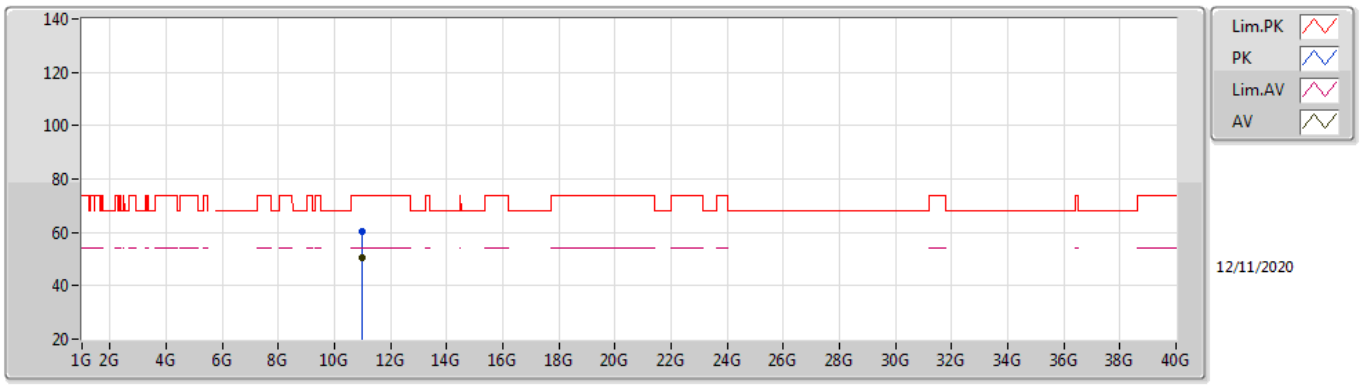
802.11a_Nss1,(6Mbps)_4TX

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	11.0004G	50.35	54.00	-3.65	19.00	3	Vertical	277	1.00	-	31.35	40.20	9.25	30.45
PK	10.9957G	60.31	74.00	-13.69	18.99	3	Vertical	277	1.00	-	41.32	40.19	9.25	30.45

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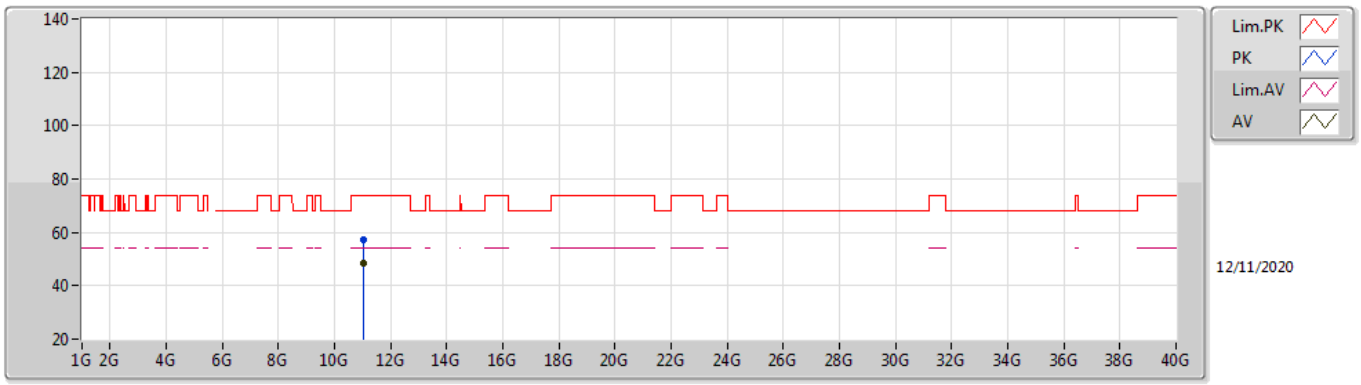
802.11a_Nss1,(6Mbps)_4TX

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	11.021G	48.19	54.00	-5.81	18.95	3	Horizontal	293	1.97	-	29.24	40.14	9.26	30.45
PK	11.0233G	57.49	74.00	-16.51	18.94	3	Horizontal	293	1.97	-	38.55	40.13	9.26	30.45

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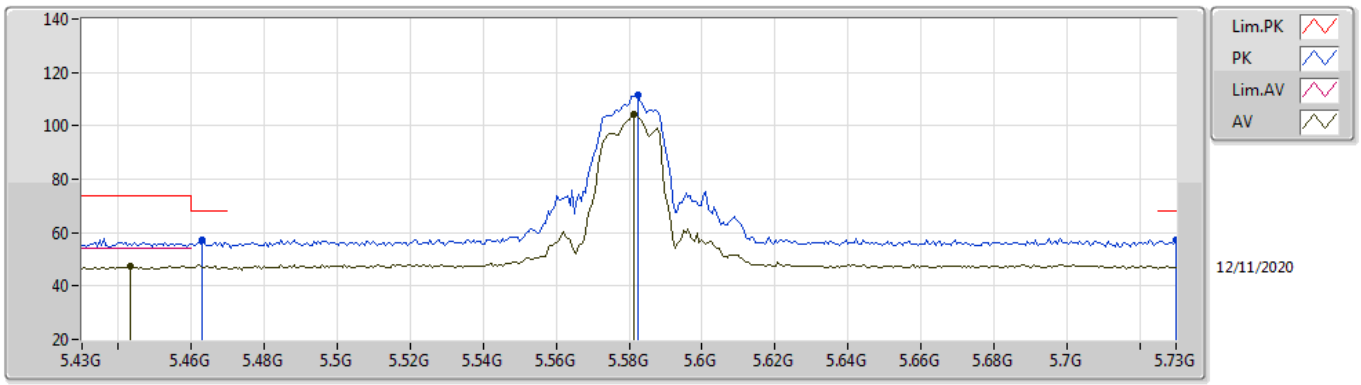
802.11a_Nss1,(6Mbps)_4TX

5580MHz_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	5.4432G	47.32	54.00	-6.68	9.21	3	Vertical	160	1.46	-	38.11	31.59	6.82	29.20
AV	5.5812G	104.32	Inf	-Inf	9.52	3	Vertical	160	1.46	-	94.80	31.86	6.89	29.23
PK	5.463G	57.07	68.20	-11.13	9.28	3	Vertical	160	1.46	-	47.79	31.65	6.83	29.20
PK	5.5824G	111.43	Inf	-Inf	9.52	3	Vertical	160	1.46	-	101.91	31.86	6.89	29.23
PK	5.73G	57.02	68.20	-11.18	9.64	3	Vertical	160	1.46	-	47.38	31.96	6.96	29.28

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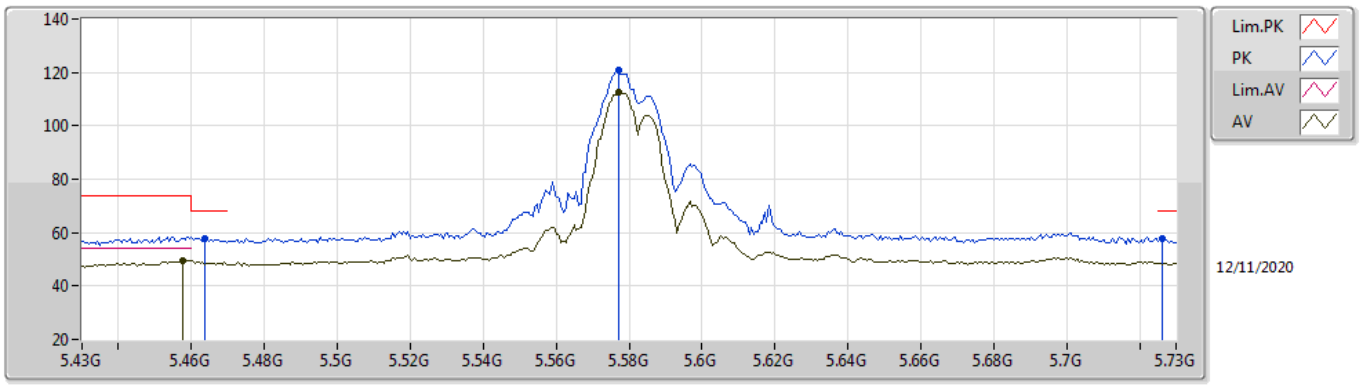
802.11a_Nss1,(6Mbps)_4TX

5580MHz_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	5.4576G	49.69	54.00	-4.31	9.26	3	Horizontal	42	2.60	-	40.43	31.63	6.83	29.20
AV	5.577G	112.49	Inf	-Inf	9.51	3	Horizontal	42	2.60	-	102.98	31.85	6.89	29.23
PK	5.4636G	57.99	68.20	-10.21	9.28	3	Horizontal	42	2.60	-	48.71	31.65	6.83	29.20
PK	5.577G	120.86	Inf	-Inf	9.51	3	Horizontal	42	2.60	-	111.35	31.85	6.89	29.23
PK	5.7264G	57.91	68.20	-10.29	9.63	3	Horizontal	42	2.60	-	48.28	31.95	6.96	29.28

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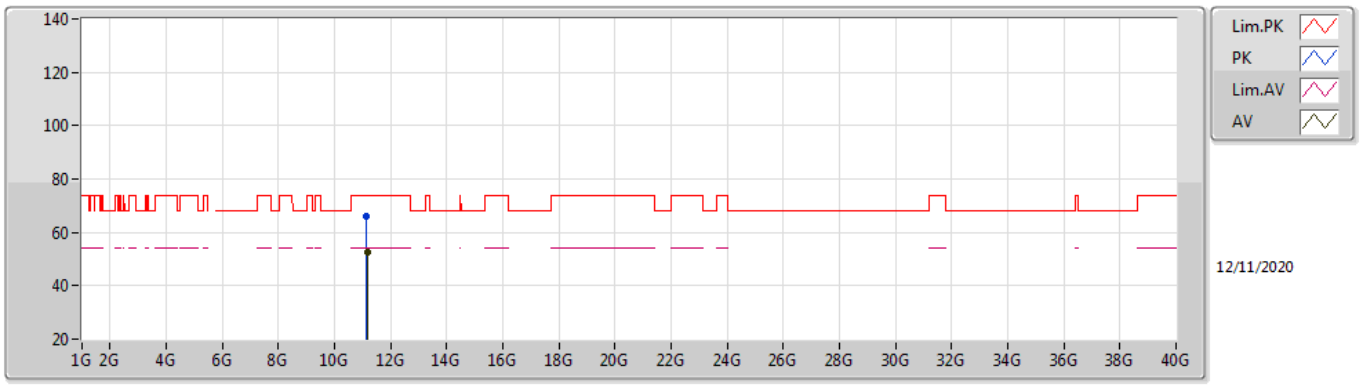
802.11a_Nss1,(6Mbps)_4TX

5580MHz_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	11.1564G	52.52	54.00	-1.48	18.73	3	Vertical	262	1.00	-	33.79	39.84	9.32	30.43
PK	11.1544G	65.90	74.00	-8.10	18.74	3	Vertical	262	1.00	-	47.16	39.85	9.32	30.43

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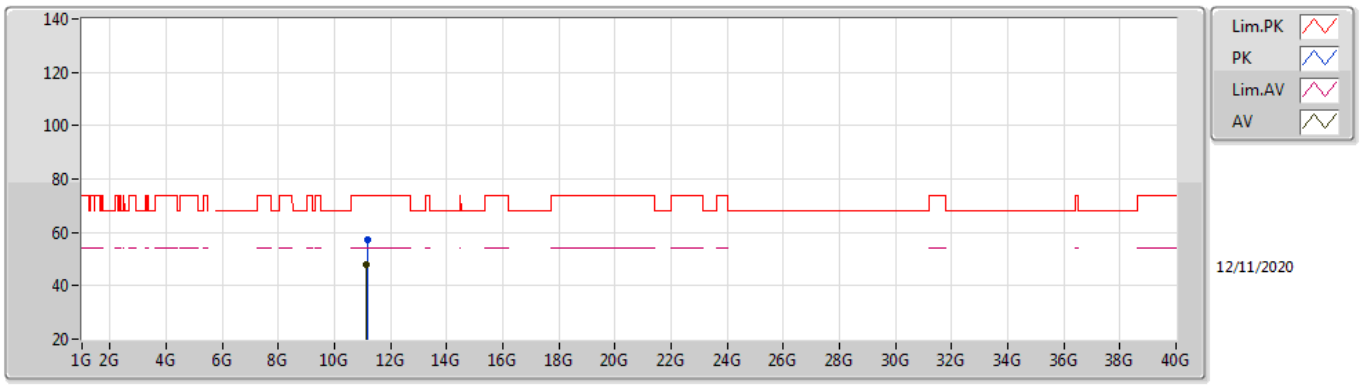
802.11a_Nss1,(6Mbps)_4TX

5580MHz_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)
PK	11.1637G	57.34	74.00	-16.66	18.73	3	Horizontal	216	2.22	-	38.61	39.84	9.32	30.43
AV	11.1549G	48.00	54.00	-6.00	18.74	3	Horizontal	216	2.22	-	29.26	39.85	9.32	30.43

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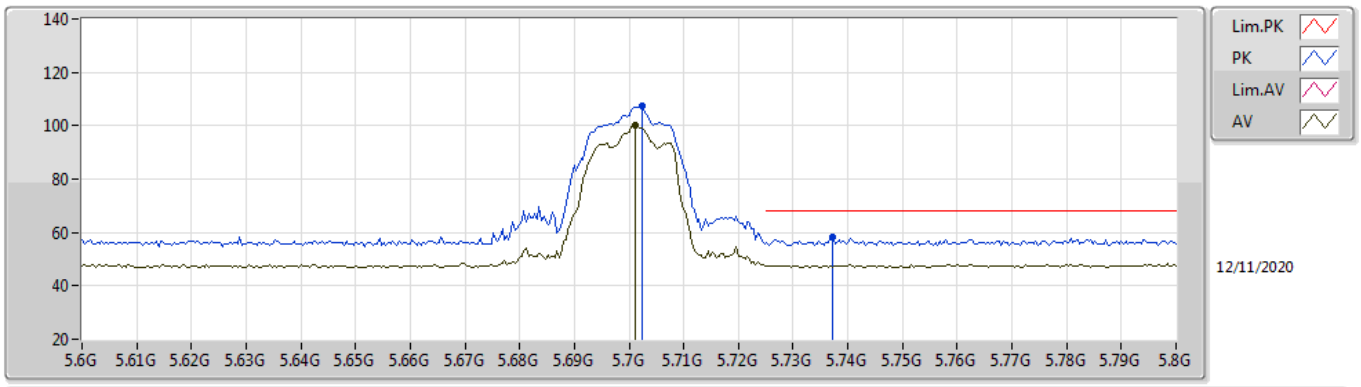
802.11a_Nss1,(6Mbps)_4TX

5700MHz_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	5.7012G	100.17	Inf	-Inf	9.58	3	Vertical	157	1.39	-	90.59	31.90	6.95	29.27
PK	5.7024G	107.16	Inf	-Inf	9.58	3	Vertical	157	1.39	-	97.58	31.90	6.95	29.27
PK	5.7372G	58.37	68.20	-9.83	9.66	3	Vertical	157	1.39	-	48.71	31.97	6.97	29.28

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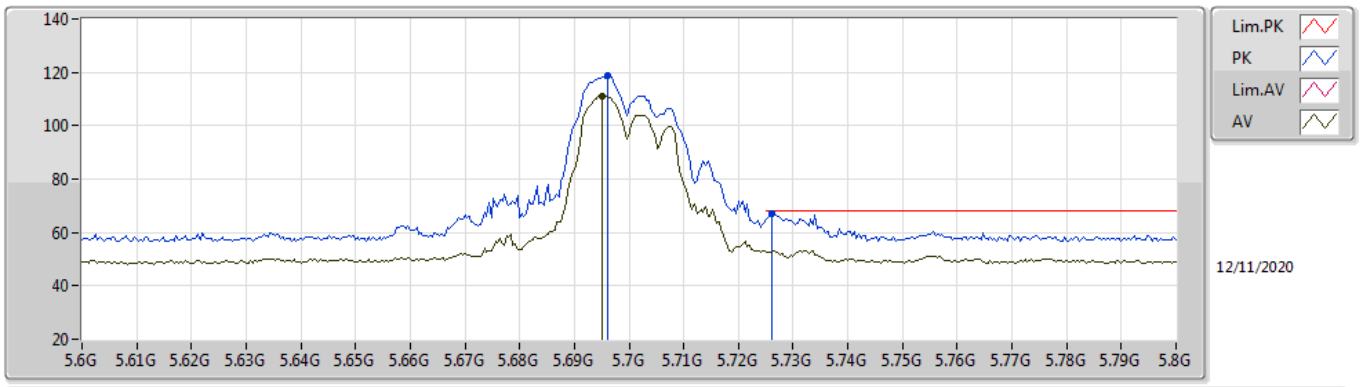
802.11a_Nss1,(6Mbps)_4TX

5700MHz_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	5.6952G	111.22	Inf	-Inf	9.56	3	Horizontal	52	2.15	-	101.66	31.88	6.95	29.27
PK	5.696G	118.72	Inf	-Inf	9.56	3	Horizontal	52	2.15	-	109.16	31.88	6.95	29.27
PK	5.726G	66.85	68.20	-1.35	9.63	3	Horizontal	52	2.15	-	57.22	31.95	6.96	29.28

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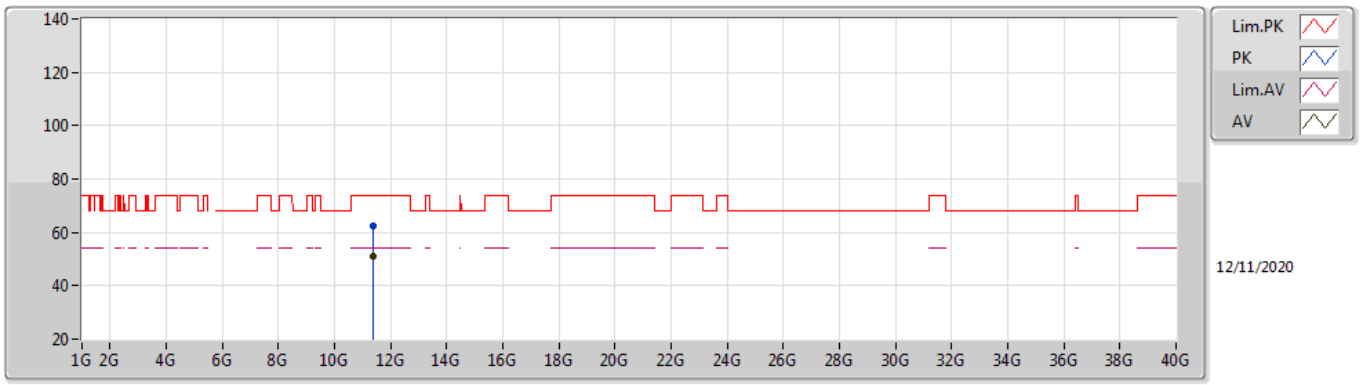
802.11a_Nss1,(6Mbps)_4TX

5700MHz_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	11.3985G	50.78	54.00	-3.22	18.94	3	Vertical	273	1.12	-	31.84	39.90	9.43	30.39
PK	11.4011G	62.43	74.00	-11.57	18.94	3	Vertical	273	1.12	-	43.49	39.90	9.43	30.39

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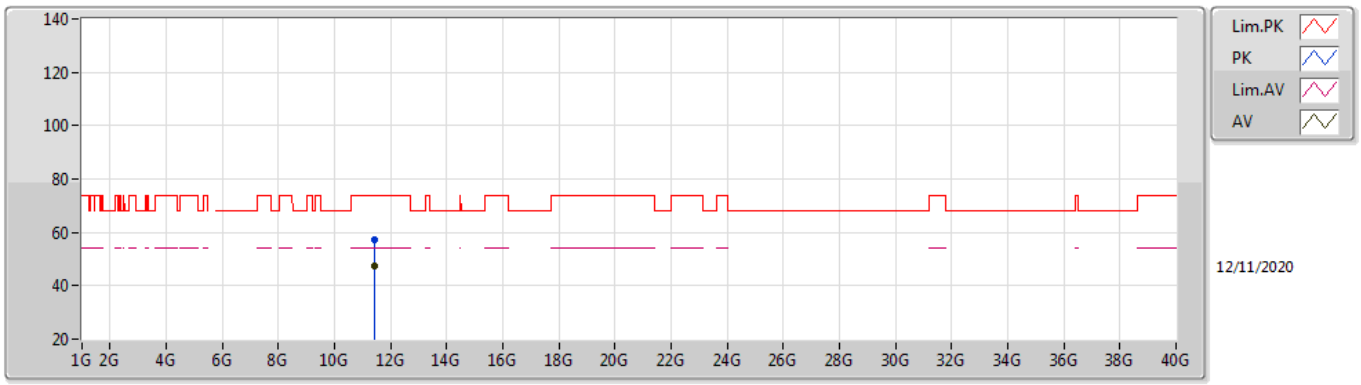
802.11a_Nss1,(6Mbps)_4TX

5700MHz_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	11.4138G	47.32	54.00	-6.68	18.96	3	Horizontal	89	1.73	-	28.36	39.91	9.44	30.39
PK	11.4158G	57.23	74.00	-16.77	18.97	3	Horizontal	89	1.73	-	38.26	39.92	9.44	30.39

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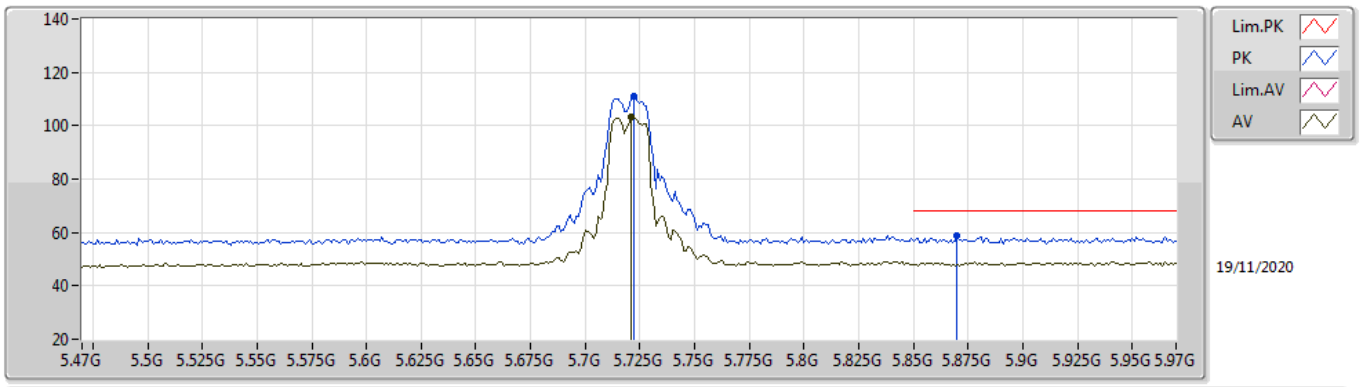
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_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	5.721G	103.51	Inf	-Inf	9.62	3	Vertical	182	2.93	-	93.89	31.94	6.96	29.28
PK	5.722G	110.84	Inf	-Inf	9.62	3	Vertical	182	2.93	-	101.22	31.94	6.96	29.28
PK	5.87G	58.74	68.20	-9.46	9.85	3	Vertical	182	2.93	-	48.89	32.14	7.04	29.33

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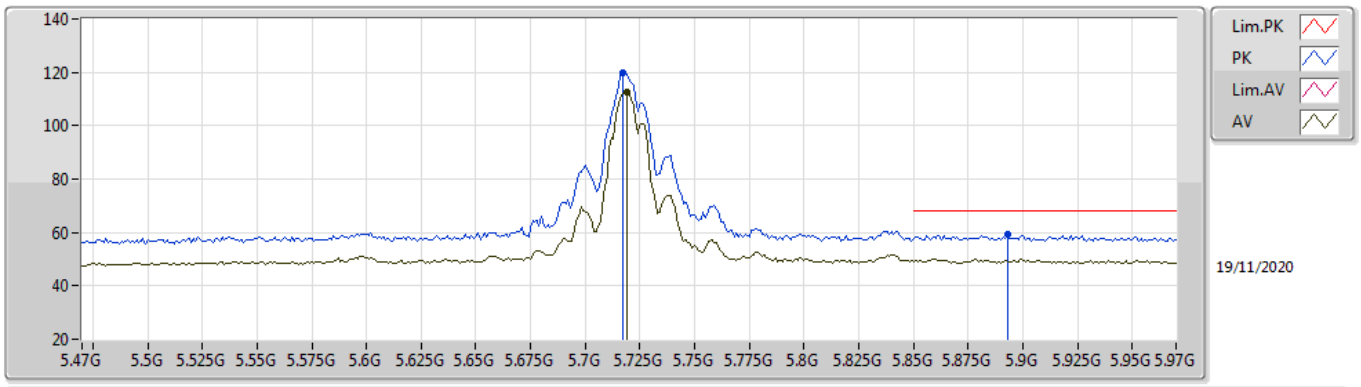
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_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	5.719G	112.84	Inf	-Inf	9.63	3	Horizontal	36	2.31	-	103.21	31.94	6.96	29.27
PK	5.717G	119.91	Inf	-Inf	9.62	3	Horizontal	36	2.31	-	110.29	31.93	6.96	29.27
PK	5.893G	59.38	68.20	-8.82	9.91	3	Horizontal	36	2.31	-	49.47	32.19	7.05	29.33

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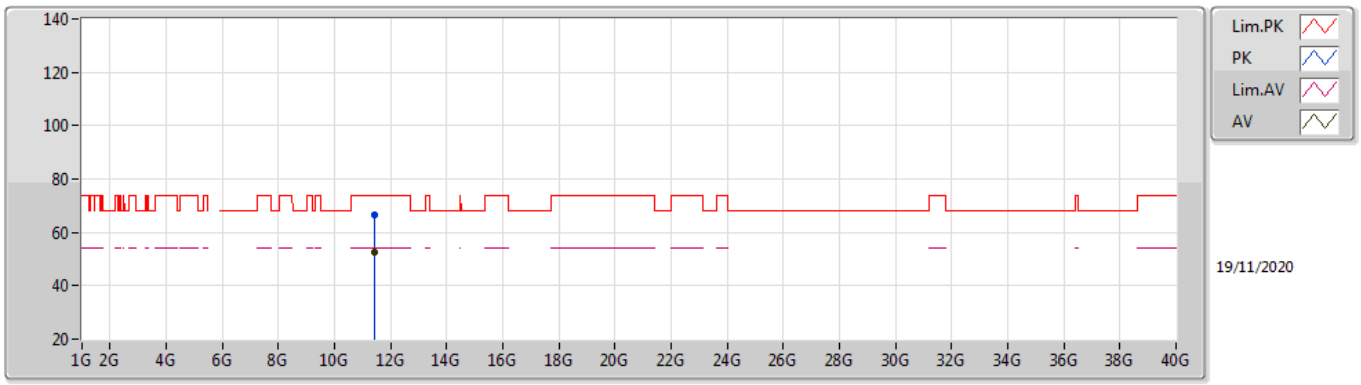
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_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	11.43984G	52.46	54.00	-1.54	19.00	3	Vertical	268	1.00	-	33.46	39.94	9.45	30.39
PK	11.4396G	66.79	74.00	-7.21	19.00	3	Vertical	268	1.00	-	47.79	39.94	9.45	30.39

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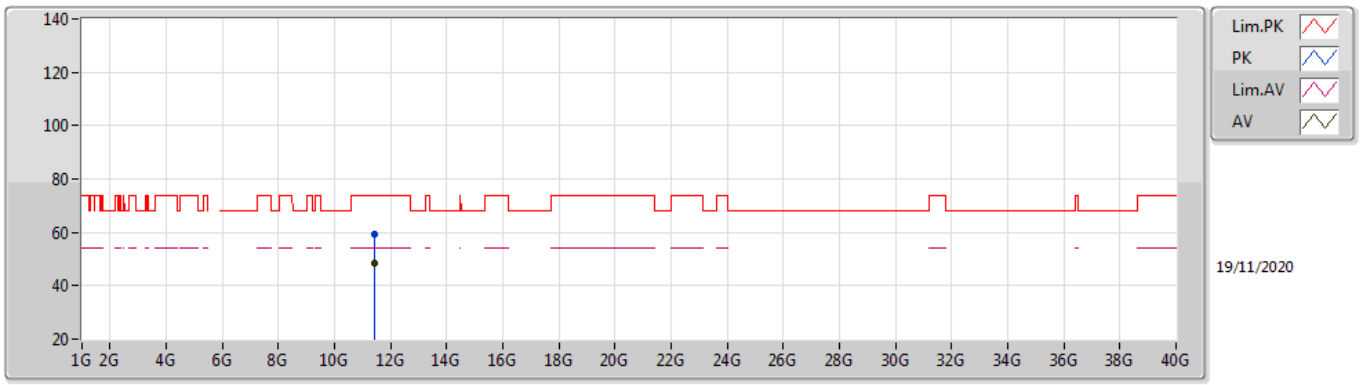
802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_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	11.43832G	48.63	54.00	-5.37	19.00	3	Horizontal	128	1.90	-	29.63	39.94	9.45	30.39
PK	11.44244G	59.23	74.00	-14.77	19.00	3	Horizontal	128	1.90	-	40.23	39.94	9.45	30.39

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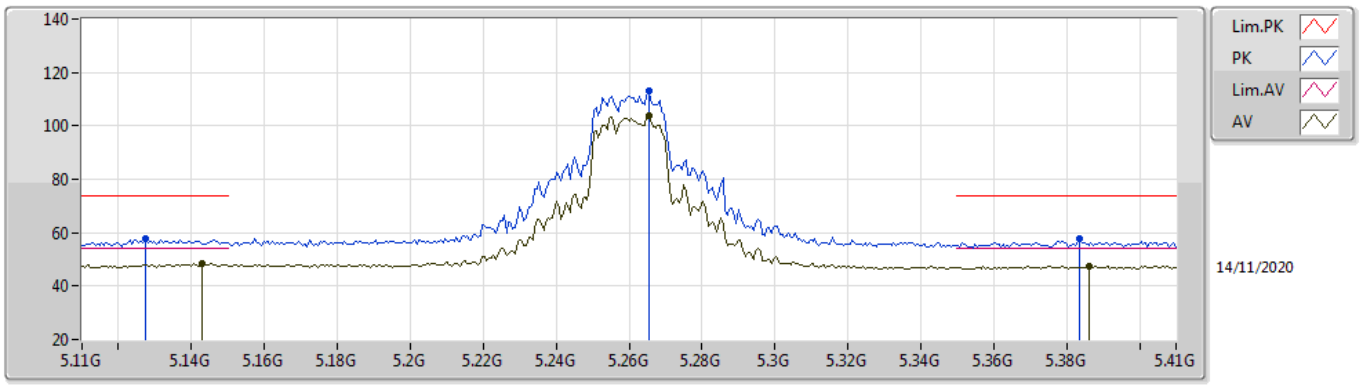
802.11ax HEW20_Nss1,(MCS0)_4TX

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	5.143G	48.36	54.00	-5.64	9.58	3	Vertical	173	2.87	-	38.78	31.99	6.77	29.18
AV	5.2654G	103.68	Inf	-Inf	8.98	3	Vertical	173	2.87	-	94.70	31.37	6.80	29.19
AV	5.386G	47.52	54.00	-6.48	9.00	3	Vertical	173	2.87	-	38.52	31.39	6.80	29.19
PK	5.1274G	57.67	74.00	-16.33	9.53	3	Vertical	173	2.87	-	48.14	31.95	6.76	29.18
PK	5.2654G	113.00	Inf	-Inf	8.98	3	Vertical	173	2.87	-	104.02	31.37	6.80	29.19
PK	5.3836G	57.58	74.00	-16.42	8.98	3	Vertical	173	2.87	-	48.60	31.37	6.80	29.19

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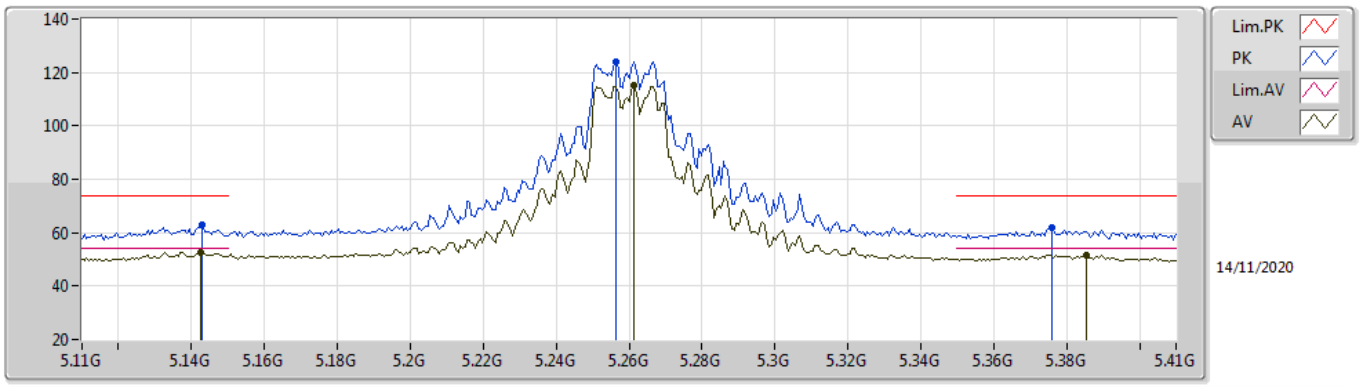
802.11ax HEW20_Nss1,(MCS0)_4TX

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	5.1424G	52.82	54.00	-1.18	9.57	3	Horizontal	68	1.17	-	43.25	31.98	6.77	29.18
AV	5.2612G	115.34	Inf	-Inf	8.99	3	Horizontal	68	1.17	-	106.35	31.38	6.80	29.19
AV	5.3854G	51.66	54.00	-2.34	8.99	3	Horizontal	68	1.17	-	42.67	31.38	6.80	29.19
PK	5.143G	62.93	74.00	-11.07	9.58	3	Horizontal	68	1.17	-	53.35	31.99	6.77	29.18
PK	5.2564G	124.07	Inf	-Inf	9.00	3	Horizontal	68	1.17	-	115.07	31.39	6.80	29.19
PK	5.3758G	62.11	74.00	-11.89	8.92	3	Horizontal	68	1.17	-	53.19	31.31	6.80	29.19

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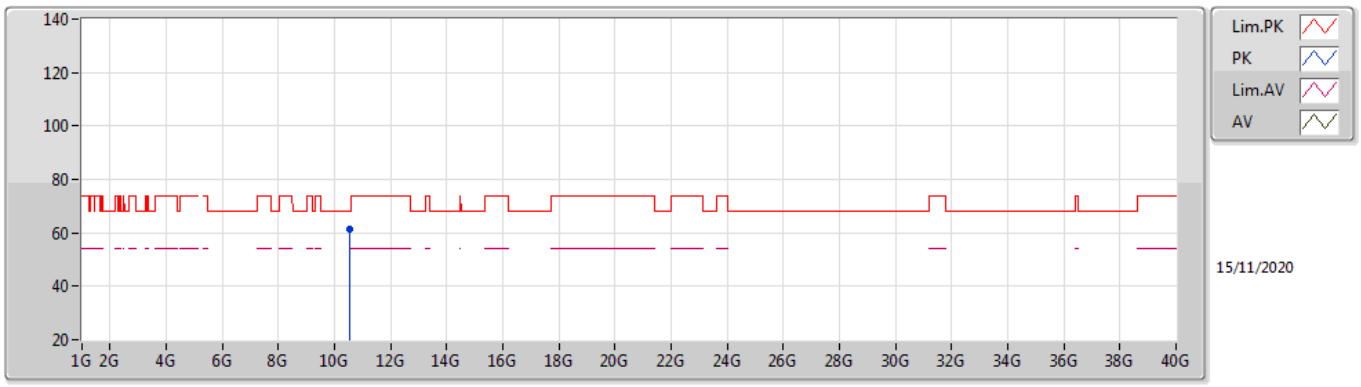
802.11ax HEW20_Nss1,(MCS0)_4TX

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)
PK	10.52096G	61.30	68.20	-6.90	18.36	3	Vertical	121	1.88	-	42.94	39.72	9.03	30.39

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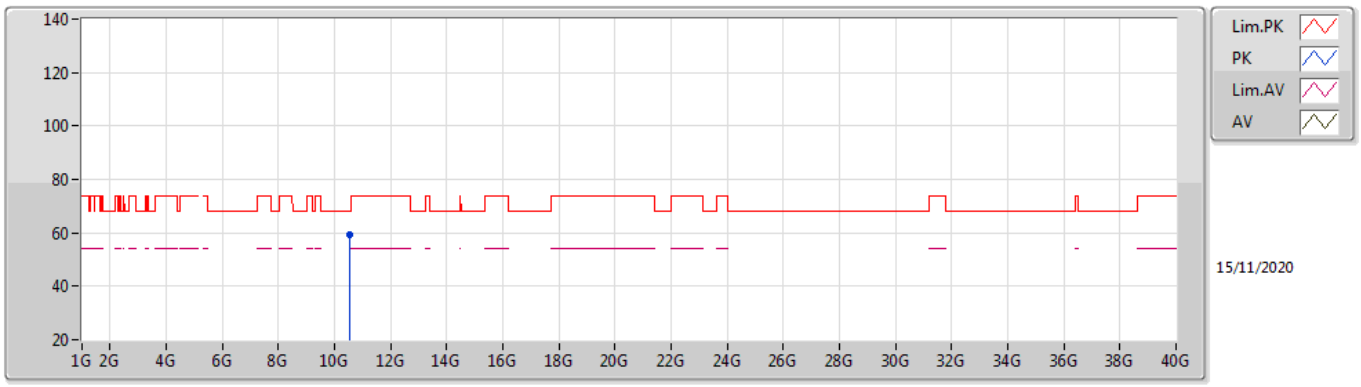
802.11ax HEW20_Nss1,(MCS0)_4TX

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)
PK	10.52112G	59.36	68.20	-8.84	18.36	3	Horizontal	138	3.00	-	41.00	39.72	9.03	30.39

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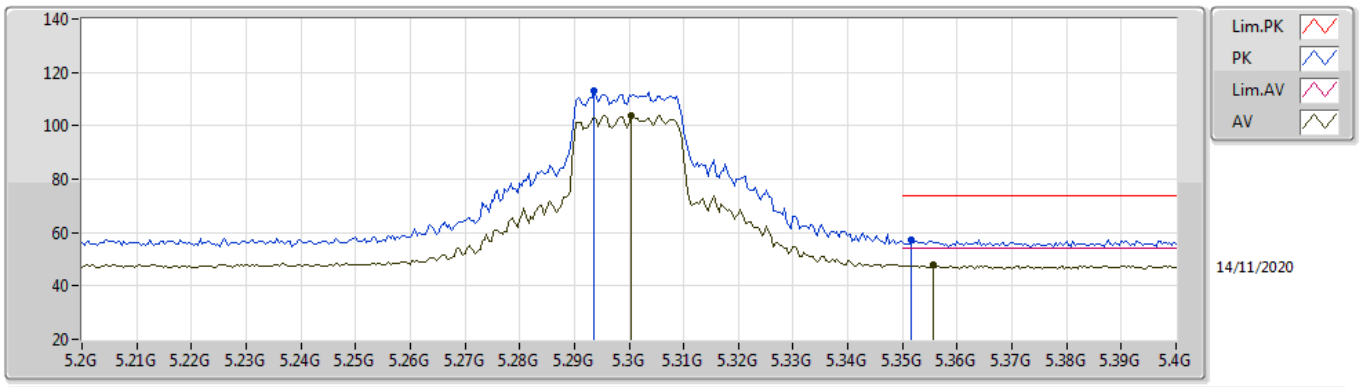
802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_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	5.3004G	103.63	Inf	-Inf	8.91	3	Vertical	181	3.00	-	94.72	31.30	6.80	29.19
AV	5.3556G	47.78	54.00	-6.22	8.75	3	Vertical	181	3.00	-	39.03	31.14	6.80	29.19
PK	5.2936G	112.98	Inf	-Inf	8.92	3	Vertical	181	3.00	-	104.06	31.31	6.80	29.19
PK	5.3516G	57.10	74.00	-16.90	8.72	3	Vertical	181	3.00	-	48.38	31.11	6.80	29.19

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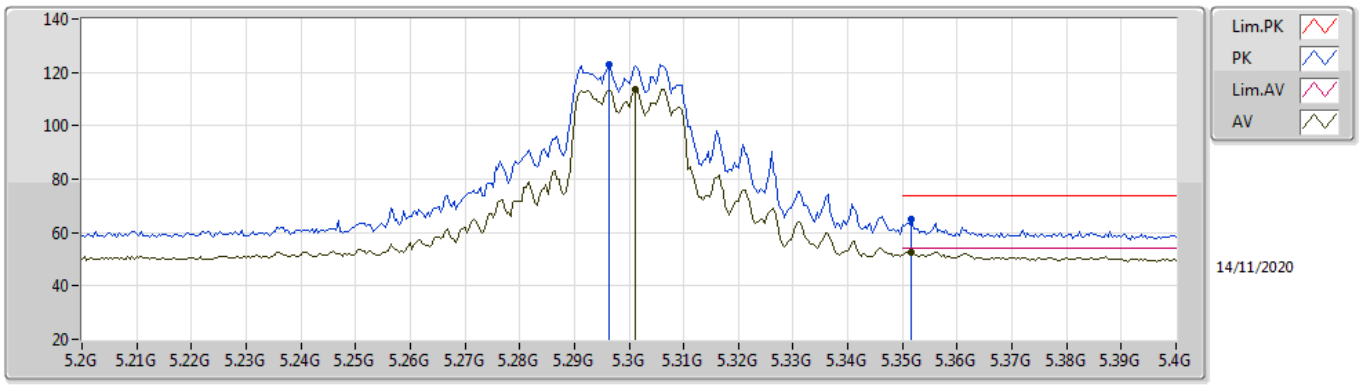
802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_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	5.3012G	113.83	Inf	-Inf	8.91	3	Horizontal	68	1.10	-	104.92	31.30	6.80	29.19
AV	5.3516G	52.84	54.00	-1.16	8.72	3	Horizontal	68	1.10	-	44.12	31.11	6.80	29.19
PK	5.2964G	123.16	Inf	-Inf	8.92	3	Horizontal	68	1.10	-	114.24	31.31	6.80	29.19
PK	5.3516G	64.77	74.00	-9.23	8.72	3	Horizontal	68	1.10	-	56.05	31.11	6.80	29.19

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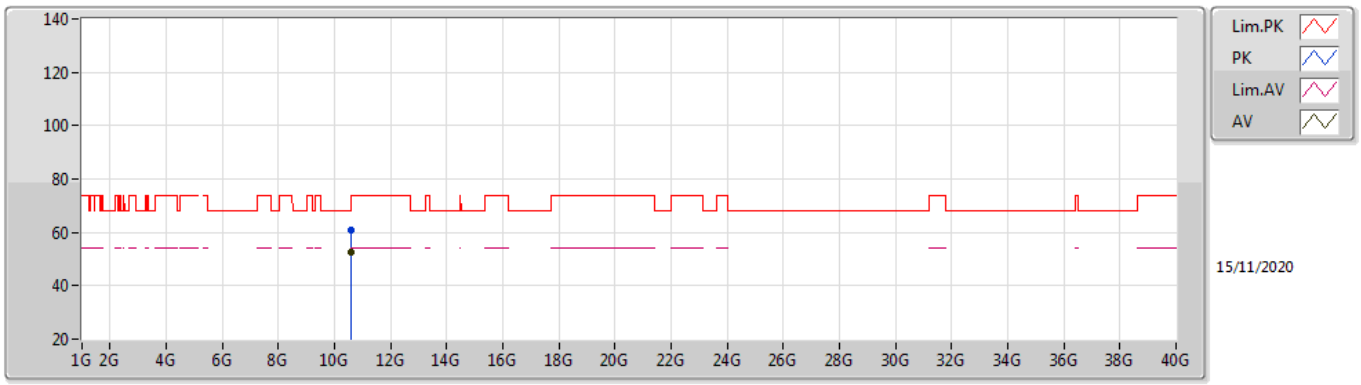
802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_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	10.60104G	52.38	54.00	-1.62	18.47	3	Vertical	117	1.00	-	33.91	39.80	9.07	30.40
PK	10.6012G	60.64	74.00	-13.36	18.47	3	Vertical	117	1.00	-	42.17	39.80	9.07	30.40

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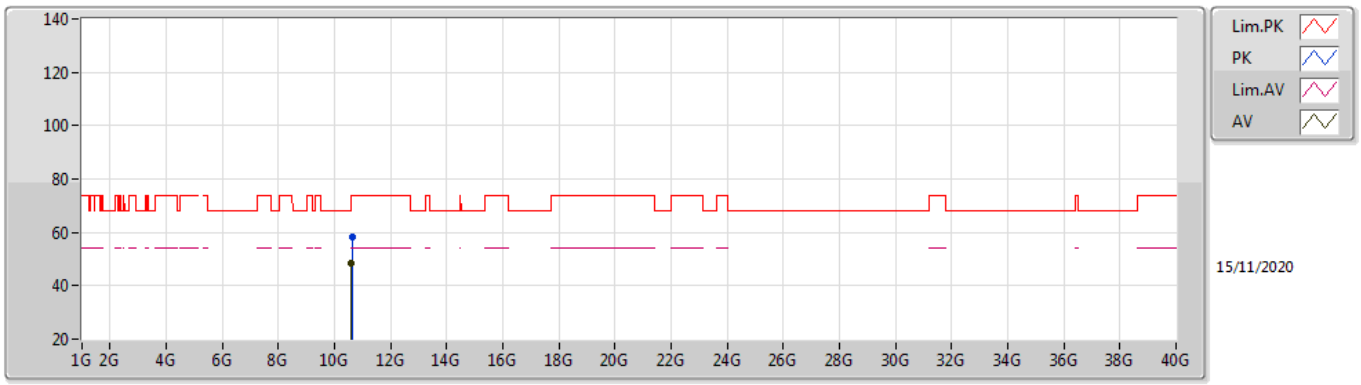
802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_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	10.6037G	48.42	54.00	-5.58	18.47	3	Horizontal	149	2.91	-	29.95	39.80	9.07	30.40
PK	10.61948G	58.30	74.00	-15.70	18.46	3	Horizontal	149	2.91	-	39.84	39.78	9.08	30.40

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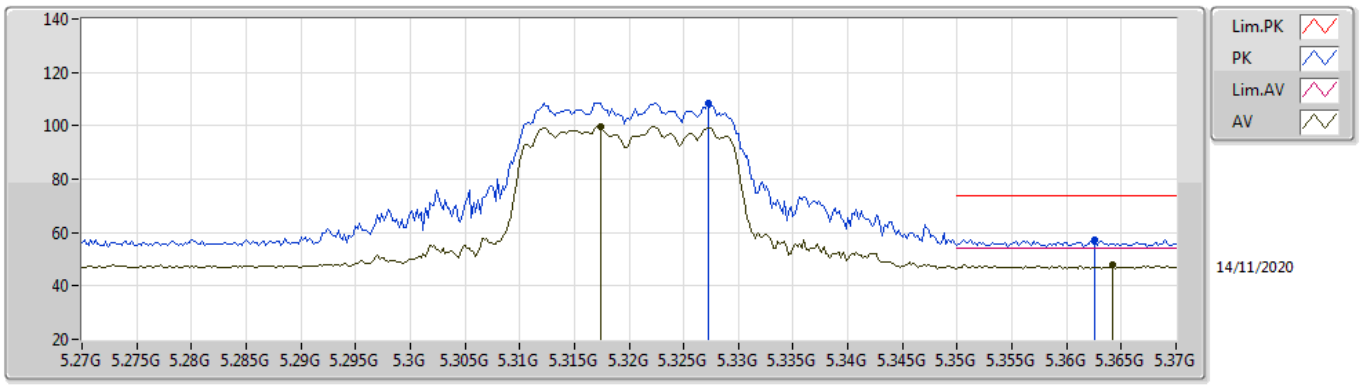
802.11ax HEW20_Nss1,(MCS0)_4TX

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	5.3174G	99.84	Inf	-Inf	8.84	3	Vertical	20	2.94	-	91.00	31.23	6.80	29.19
AV	5.3642G	47.84	54.00	-6.16	8.82	3	Vertical	20	2.94	-	39.02	31.21	6.80	29.19
PK	5.3272G	108.69	Inf	-Inf	8.80	3	Vertical	20	2.94	-	99.89	31.19	6.80	29.19
PK	5.3626G	57.49	74.00	-16.51	8.81	3	Vertical	20	2.94	-	48.68	31.20	6.80	29.19

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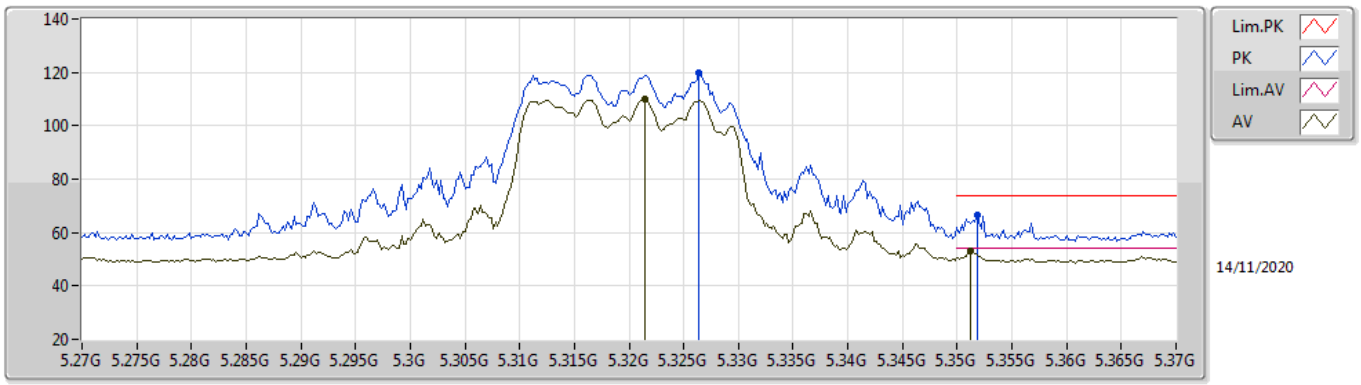
802.11ax HEW20_Nss1,(MCS0)_4TX

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	5.3214G	109.79	Inf	-Inf	8.82	3	Horizontal	61	1.06	-	100.97	31.21	6.80	29.19
AV	5.3512G	52.94	54.00	-1.06	8.72	3	Horizontal	61	1.06	-	44.22	31.11	6.80	29.19
PK	5.3264G	119.58	Inf	-Inf	8.80	3	Horizontal	61	1.06	-	110.78	31.19	6.80	29.19
PK	5.3518G	66.38	74.00	-7.62	8.72	3	Horizontal	61	1.06	-	57.66	31.11	6.80	29.19

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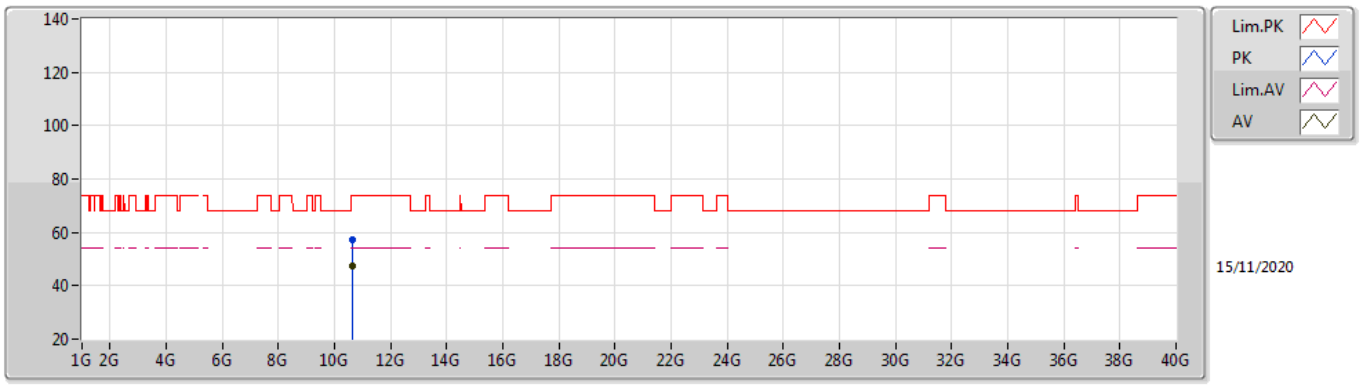
802.11ax HEW20_Nss1,(MCS0)_4TX

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	10.641G	47.57	54.00	-6.43	18.44	3	Vertical	70	2.73	-	29.13	39.76	9.09	30.41
PK	10.64892G	57.45	74.00	-16.55	18.43	3	Vertical	70	2.73	-	39.02	39.75	9.09	30.41