FCC Test Report

FCC ID	:	**SWX-UAPFLEXHD**
Equipment	:	**UniFi FLEXHD**
Brand Name	:	**UBIQUITI**
Model Name	:	**UAP-FlexHD**
Applicant/ Manufacturer	:	**Ubiquiti Inc. 685 Third Avenue, 27th Floor New York, New York 10017 USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Dec. 25, 2018, and testing was started from Apr. 24, 2019 and completed on May 22, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: 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
FR7O2609-11AN	01	Initial issue of report	Sep. 20, 2019

Summary of Test Result

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

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

Reviewed by: Jackson Tsai

Report Producer: Michelle Tsai

1 General Description

1.1 Information

1.1.1 RF General Information

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

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	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80+80	80	2TX(Port 1/2)
5.25-5.35GHz	802.11ac VHT80+80	80	2TX(Port 3/4)
5.47-5.725GHz	802.11ac VHT80+80	80	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ac VHT80+80-BF	80	2TX(Port 1/2)
5.25-5.35GHz	802.11ac VHT80+80-BF	80	2TX(Port 3/4)
5.47-5.725GHz	802.11ac VHT80+80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Table for 80+80 MHz Mode

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

1.1.3 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	-	-	internal antenna	i-Pex
2	2	-	-	internal antenna	i-Pex
3	3	-	-	internal antenna	i-Pex
4	4	-	-	internal antenna	i-Pex
5	1	-	-	internal antenna	fixed on board

Ant.	Port	Gain (dBi)		
		2.4G	BT	5G
1	1	1.6	-	4.0
2	2			
3	3	-	-	4.0
4	4			
5	1	-	1.6	-

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

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

For BT function:

For Bluetooth mode (1TX/1RX)

Only Ant. 5 can be used as transmitting/receiving antenna.

For 5GHz function:

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

Ant. 1 & Ant. 2 & Ant. 3 and Ant. 4 can be used as transmitting/receiving antenna.

1.1.4 EUT Information

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

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

1.1.5 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.801	0.96	1.398m	1k
802.11ac VHT20	0.801	0.96	1.318m	1k
802.11ac VHT40	0.661	1.8	662.5u	3k
802.11ac VHT80	0.496	3.05	328.125u	10k
802.11ac VHT80+80	0.358	4.46	187.5u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40-BF	0.979	0.09	2.423m	1k
802.11ac VHT80-BF	0.253	5.97	130u	10k
802.11ac VHT80+80-BF	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR7O2609-06

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

Modifications	Performance Checking
UNII-2A, UNII-2C, Straddle Channel and 80+80MHz were added	All

1.2 Testing Applied Standards

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

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Dexter Dai	25.1~26.3°C / 59~61%	04/May/2019~13/May/2019
Radiated	03CH03-HY	Jeff Lin	23.6~24.2°C / 51.2~52.1%	24/Apr/2019~20/May/2019
AC Conduction	CO01-HY	Jeff Lin	22.5~26.5°C / 51.3~56.5%	21/May/2019~22/May/2019

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Non-Beamforming

Test Software Version	QA 0.0.1.58

Beamforming

Test Software	DoS

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz

2.4 Support Equipment

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	UBIQUITI	GP-H480-050G	-

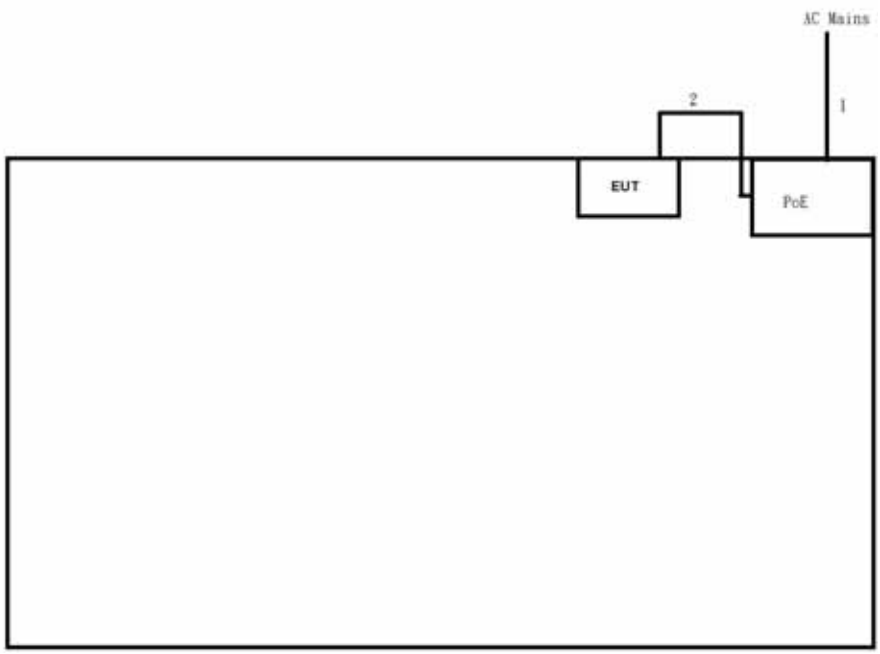
Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE (Remote)	UBIQUITI	GP-H480-050G	-

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	NoteBook for BF	DELL	Latitude E5540	-
4	Adapter for NB for BF	DELL	FA90PSO-00	-
5	AC Power Source	GW	APS-9102	-
6	Client for BF	UBIQUITI	UAP-NanoHD_Tier 2	-
7	PoE for Client	UBIQUITI	GP-H480-050G	-
8	PoE for EUT	UBIQUITI	GP-A240-050G	-

Note: Support equipment No.6 was provided by customer.

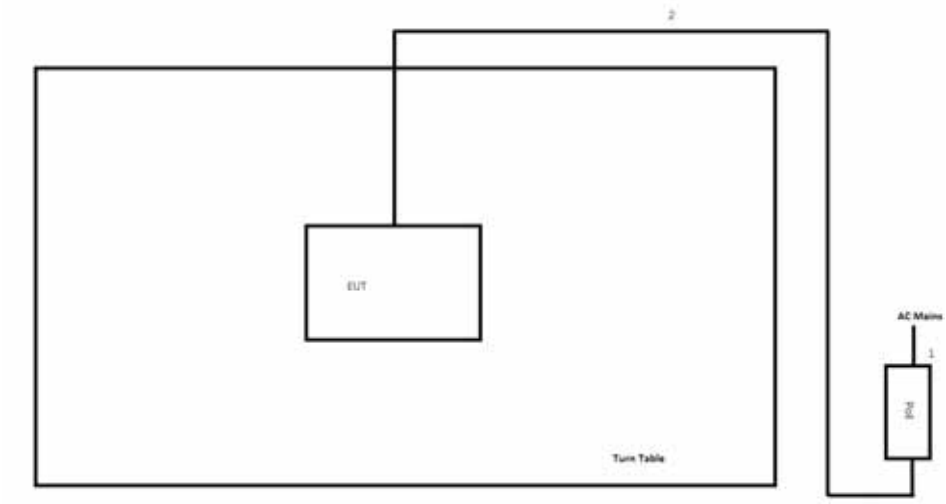
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.0	-
2	LAN cable	No	0.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.5	-
2	Lan cable	No	10.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

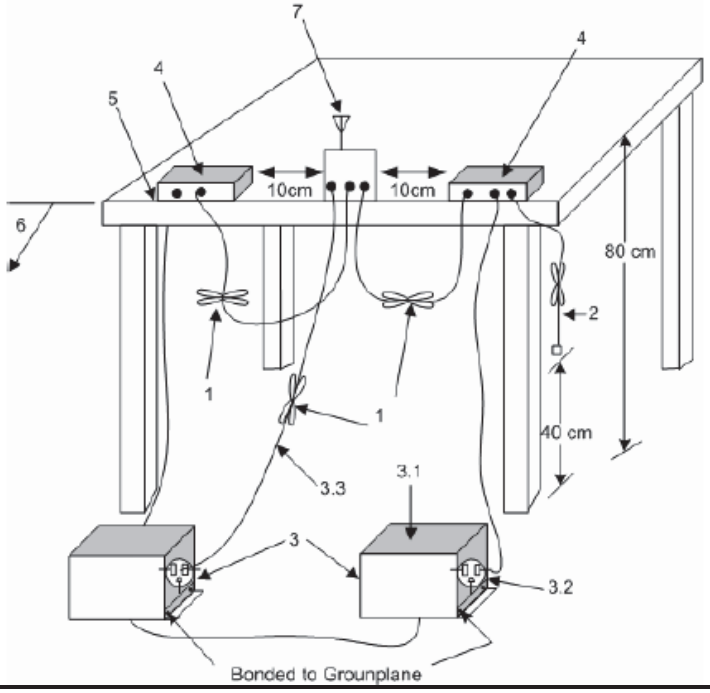
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

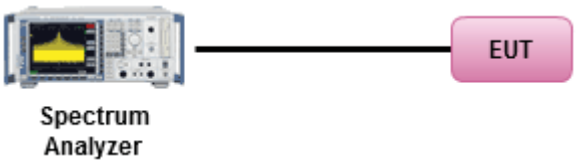
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

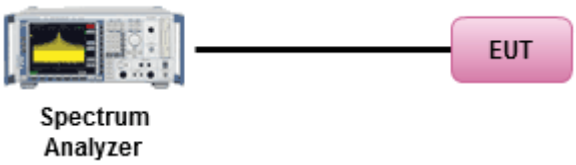
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)
 Spectrum Analyzer

3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

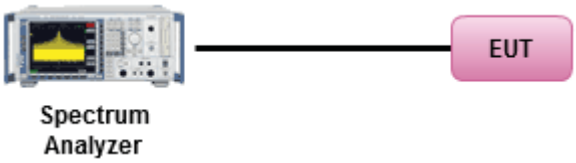
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

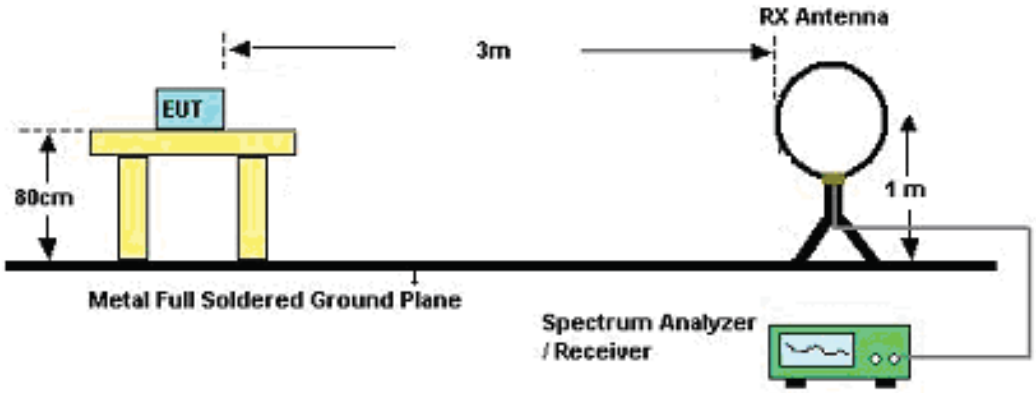
3.5.3 Test Procedures

Test Method
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

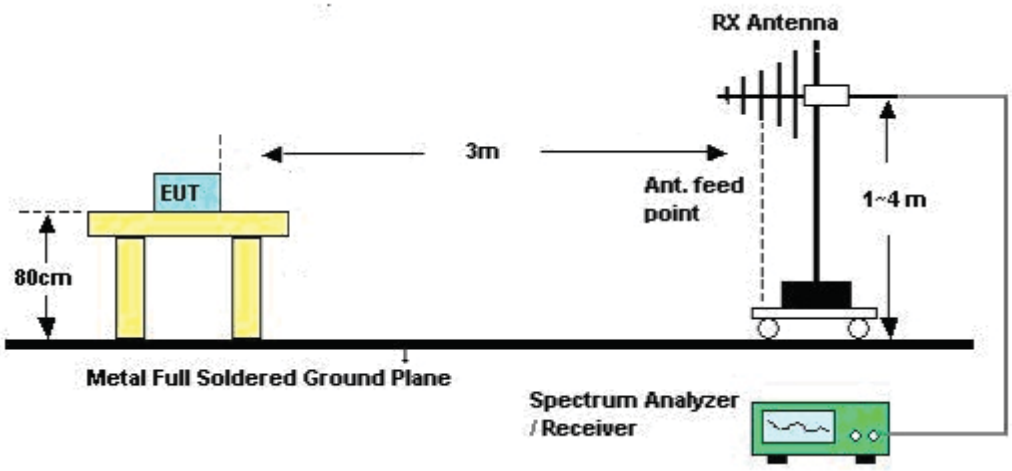
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

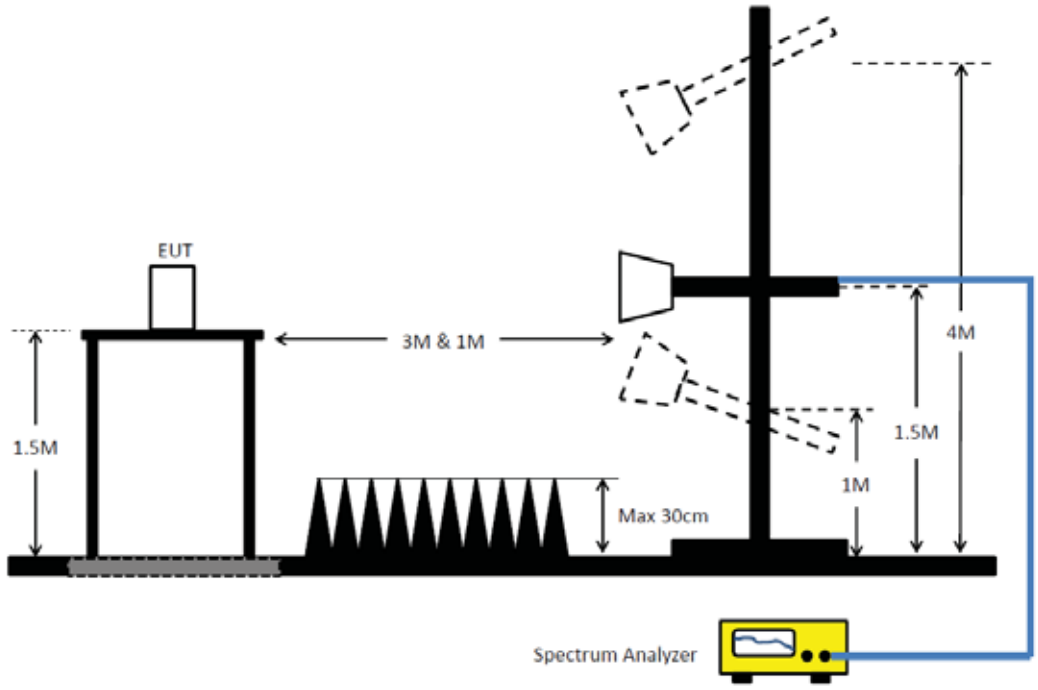
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	12/Jun/2018	11/Jun/2019
RF Cable-CON	MTJ	RG142	CB001-CO	9kHz ~ 30MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11003G	F308010045	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561F	9495	9kHz ~ 30MHz	11/Oct/2018	10/Oct/2019

NCR : Non-Calibration Require

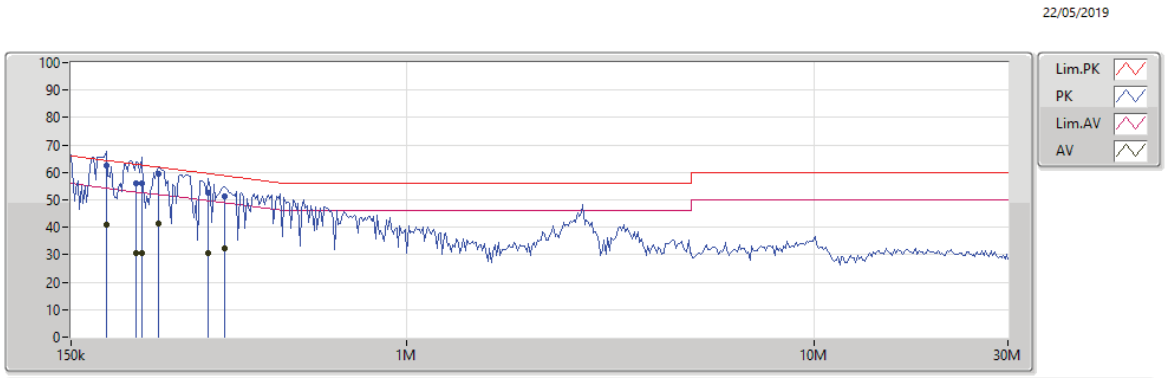
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz 3m	30/Oct/2018	29/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz 3m	30/Oct/2018	29/Oct/2019
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	22/Apr/2019	21/Apr/2020
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna with 5dB Pad	ETS	3142B & MTJ6102-05	00022055	26 MHz - 3 GHz	19/Nov/2018	18/Nov/2019
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz ~ 26.5GHz	05/Sep/2018	04/Sep/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	22/Mar/2019	21/Mar/2020
RF Cable-high	SUHNER	SUCOFLEX 106	MY34918/4	1GHz ~ 40GHz	21/Mar/2019	20/Mar/2020
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2019	18/Jan/2020
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	19/Apr/ 2019	18/Apr/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	09/Mar/ 2019	08/Mar/2020
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
Loop Antenna	TESEQ	HLA 6120	31244	9kHz ~ 30MHz	15/Mar/2019	14/Mar/2020

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101029	10Hz~40GHz	11/Sep/2018	10/Sep/2019
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	19/Feb/2019	18/Feb/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY10714/4	RF Cable – 05	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY22998/4	RF Cable – 08	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY37954/4	RF Cable - 09	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY37954/4	RF Cable – 09	1G~18G	11/Jan/2019	10/Jan/2020
Cable 0.5m	HUBER	MY37955/4	RF Cable - 10	30MHz~1G	11/Jan/2019	10/Jan/2020
Cable 1.5m	HUBER	MY37973/4	RF Cable – 16	30MHz~1G	11/Jan/2019	10/Jan/2020
Spectrum Analyzer	R&S	FSV 40	101029	10Hz~40GHz	11/Sep/2018	10/Sep/2019

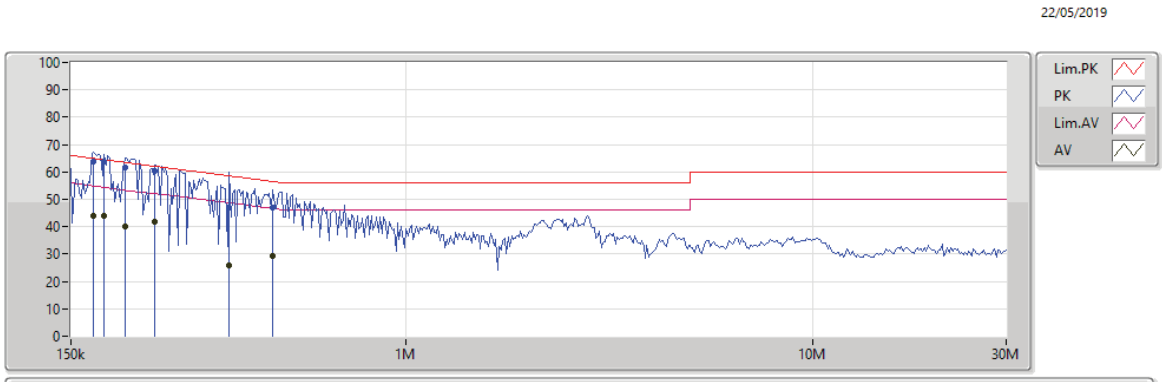
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode_Non-Beamforming		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	183.029k	62.50	64.34	-1.84	19.51	Neutral	"Worst"	42.99	9.64	0.01	9.86
AV	183.029k	40.98	54.34	-13.36	19.51	Neutral	-	21.47	9.64	0.01	9.86
QP	216.33k	55.94	62.96	-7.02	19.51	Neutral	-	36.43	9.64	0.01	9.86
AV	216.33k	30.39	52.96	-22.57	19.51	Neutral	-	10.88	9.64	0.01	9.86
QP	223.33k	55.94	62.69	-6.75	19.51	Neutral	-	36.43	9.64	0.01	9.86
AV	223.33k	30.41	52.69	-22.28	19.51	Neutral	-	10.90	9.64	0.01	9.86
QP	246.695k	59.67	61.87	-2.20	19.51	Neutral	-	40.16	9.64	0.01	9.86
AV	246.695k	41.42	51.87	-10.45	19.51	Neutral	-	21.91	9.64	0.01	9.86
QP	325.956k	52.62	59.56	-6.94	19.51	Neutral	-	33.11	9.64	0.01	9.86
AV	325.956k	30.50	49.56	-19.06	19.51	Neutral	-	10.99	9.64	0.01	9.86
QP	356.493k	51.43	58.81	-7.38	19.51	Neutral	-	31.92	9.64	0.01	9.86
AV	356.493k	32.35	48.81	-16.46	19.51	Neutral	-	12.84	9.64	0.01	9.86

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

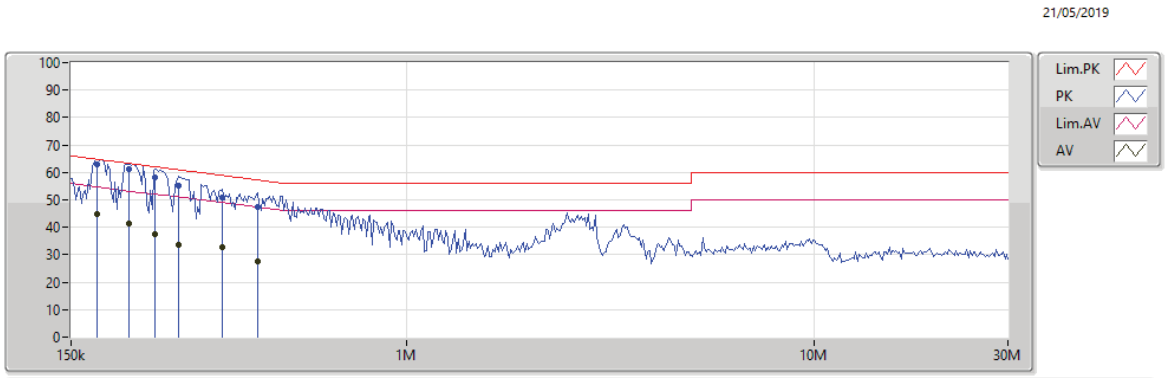
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	PoE Mode_Non-Beamforming		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	170.714k	63.99	64.93	-0.94	19.48	Line	-	44.51	9.61	0.01	9.86
AV	170.714k	43.90	54.93	-11.03	19.48	Line	-	24.42	9.61	0.01	9.86
QP	180.614k	63.99	64.45	-0.46	19.48	Line	"Worst"	44.51	9.61	0.01	9.86
AV	180.614k	44.08	54.45	-10.37	19.48	Line	-	24.60	9.61	0.01	9.86
QP	204.199k	61.52	63.44	-1.92	19.48	Line	-	42.04	9.61	0.01	9.86
AV	204.199k	40.11	53.44	-13.33	19.48	Line	-	20.63	9.61	0.01	9.86
QP	241.834k	60.44	62.02	-1.58	19.48	Line	-	40.96	9.61	0.01	9.86
AV	241.834k	41.63	52.02	-10.39	19.48	Line	-	22.15	9.61	0.01	9.86
QP	367.295k	47.14	58.56	-11.42	19.48	Line	-	27.66	9.61	0.01	9.86
AV	367.295k	25.75	48.56	-22.81	19.48	Line	-	6.27	9.61	0.01	9.86
QP	471.031k	46.80	56.50	-9.70	19.48	Line	-	27.32	9.61	0.01	9.86
AV	471.031k	29.45	46.50	-17.05	19.48	Line	-	9.97	9.61	0.01	9.86

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

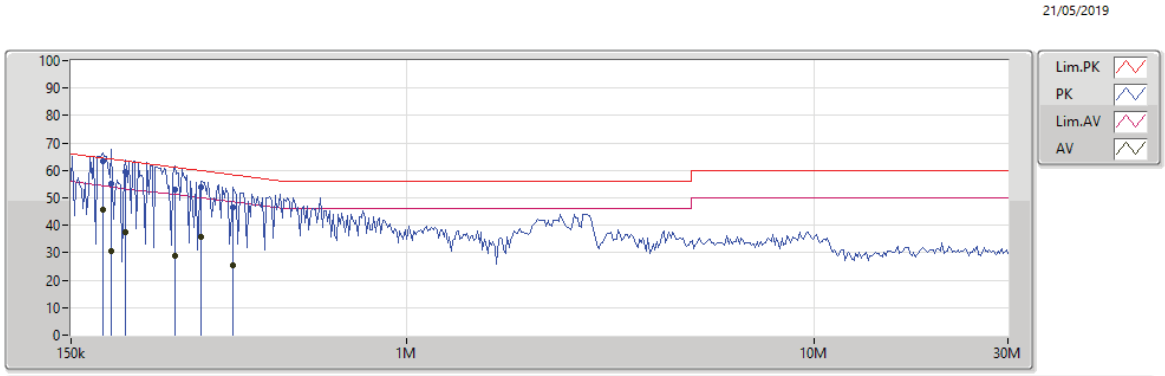
AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	PoE Mode_Beamforming		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	174.145k	63.12	64.76	-1.64	19.52	Neutral	"Worst"	43.60	9.65	0.01	9.86
AV	174.145k	44.95	54.76	-9.81	19.52	Neutral	-	25.43	9.65	0.01	9.86
QP	208.304k	61.10	63.27	-2.17	19.51	Neutral	-	41.59	9.64	0.01	9.86
AV	208.304k	41.41	53.27	-11.86	19.51	Neutral	-	21.90	9.64	0.01	9.86
QP	241.834k	58.29	62.02	-3.73	19.51	Neutral	-	38.78	9.64	0.01	9.86
AV	241.834k	37.58	52.02	-14.44	19.51	Neutral	-	18.07	9.64	0.01	9.86
QP	275.23k	55.26	60.95	-5.69	19.51	Neutral	-	35.75	9.64	0.01	9.86
AV	275.23k	33.81	50.95	-17.14	19.51	Neutral	-	14.30	9.64	0.01	9.86
QP	352.963k	51.06	58.89	-7.83	19.51	Neutral	-	31.55	9.64	0.01	9.86
AV	352.963k	32.59	48.89	-16.30	19.51	Neutral	-	13.08	9.64	0.01	9.86
QP	430.682k	47.62	57.24	-9.62	19.51	Neutral	-	28.11	9.64	0.01	9.86
AV	430.682k	27.50	47.24	-19.74	19.51	Neutral	-	7.99	9.64	0.01	9.86

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	PoE Mode_Beamforming		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	179.422k	63.30	64.51	-1.21	19.48	Line	"Worst"	43.82	9.61	0.01	9.86
AV	179.422k	45.54	54.51	-8.97	19.48	Line	-	26.06	9.61	0.01	9.86
QP	188.574k	55.29	64.11	-8.82	19.48	Line	-	35.81	9.61	0.01	9.86
AV	188.574k	30.44	54.11	-23.67	19.48	Line	-	10.96	9.61	0.01	9.86
QP	204.199k	59.63	63.44	-3.81	19.48	Line	-	40.15	9.61	0.01	9.86
AV	204.199k	37.53	53.44	-15.91	19.48	Line	-	18.05	9.61	0.01	9.86
QP	269.806k	52.85	61.12	-8.27	19.48	Line	-	33.37	9.61	0.01	9.86
AV	269.806k	28.93	51.12	-22.19	19.48	Line	-	9.45	9.61	0.01	9.86
QP	313.237k	54.01	59.88	-5.87	19.48	Line	-	34.53	9.61	0.01	9.86
AV	313.237k	35.89	49.88	-13.99	19.48	Line	-	16.41	9.61	0.01	9.86
QP	374.678k	46.49	58.39	-11.90	19.48	Line	-	27.01	9.61	0.01	9.86
AV	374.678k	25.48	48.39	-22.91	19.48	Line	-	6.00	9.61	0.01	9.86

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	80.4M	75.442M	75M4D1D	80.28M	75.322M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.98M	16.432M	16M4D1D	19.59M	16.312M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.4M	17.571M	17M6D1D	19.8M	17.511M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.56M	36.042M	36M0D1D	39.84M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	80.76M	75.202M	75M2D1D	79.44M	74.843M
802.11ac VHT80+80_Nss2,(MCS0)_2TX	80.4M	75.442M	75M4D1D	80.28M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.95M	16.402M	16M4D1D	14.865M	13.163M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.49M	17.601M	17M6D1D	14.97M	13.778M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.68M	36.042M	36M0D1D	35.035M	32.779M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.48M	75.322M	75M3D1D	75.45M	71.889M
802.11ac VHT80+80_Nss1,(MCS0)_4TX	80.4M	75.562M	75M6D1D	80.1M	74.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.718M	3M72D1D	3.12M	3.558M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.78M	4.078M	4M08D1D	3.52M	4.038M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.16M	3.818M	3M82D1D	3.12M	3.658M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.14M	29.685M	29M7D1D	3.12M	21.909M

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

Result

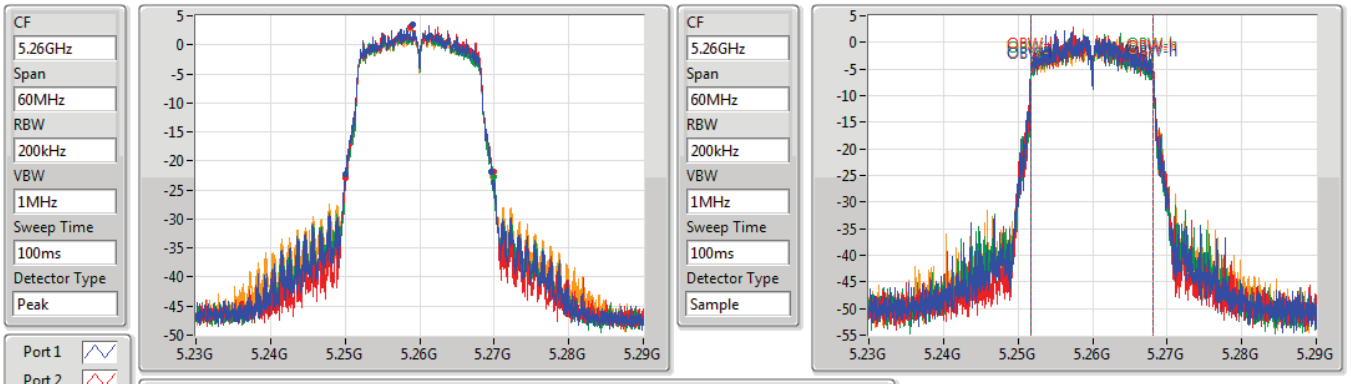
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.59M	16.372M	19.77M	16.402M	19.95M	16.312M	19.71M	16.432M
5300MHz	Pass	Inf	19.59M	16.372M	19.74M	16.372M	19.92M	16.372M	19.68M	16.342M
5320MHz	Pass	Inf	19.68M	16.342M	19.71M	16.372M	19.98M	16.342M	19.74M	16.402M
5500MHz	Pass	Inf	19.65M	16.402M	19.62M	16.372M	19.92M	16.372M	19.71M	16.402M
5580MHz	Pass	Inf	19.65M	16.372M	19.71M	16.402M	19.95M	16.372M	19.62M	16.402M
5700MHz	Pass	Inf	19.62M	16.372M	19.8M	16.402M	19.89M	16.372M	19.65M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.865M	13.178M	14.865M	13.178M	14.955M	13.163M	14.88M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.558M	3.12M	3.638M	3.14M	3.638M	3.14M	3.718M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.4M	17.541M	19.8M	17.511M	19.92M	17.541M	20.31M	17.571M
5300MHz	Pass	Inf	20.4M	17.541M	19.86M	17.541M	20.13M	17.511M	20.25M	17.541M
5320MHz	Pass	Inf	20.4M	17.541M	19.98M	17.541M	19.98M	17.511M	20.28M	17.571M
5500MHz	Pass	Inf	20.49M	17.601M	19.98M	17.541M	20.1M	17.541M	20.31M	17.541M
5580MHz	Pass	Inf	20.4M	17.541M	19.83M	17.541M	19.86M	17.511M	20.34M	17.571M
5700MHz	Pass	Inf	20.43M	17.541M	19.86M	17.571M	19.89M	17.541M	20.19M	17.601M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.045M	13.778M	14.97M	13.793M	14.985M	13.778M	15.045M	13.778M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.038M	3.76M	4.038M	3.52M	4.038M	3.78M	4.078M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.56M	35.982M	39.84M	36.042M	40.26M	35.982M	40.26M	35.922M
5310MHz	Pass	Inf	40.2M	35.982M	39.96M	35.982M	40.38M	36.042M	40.32M	35.982M
5510MHz	Pass	Inf	40.32M	36.042M	39.84M	35.862M	40.14M	35.862M	40.26M	35.862M
5550MHz	Pass	Inf	40.44M	35.982M	40.02M	35.922M	40.08M	35.982M	40.32M	35.982M
5670MHz	Pass	Inf	40.68M	35.982M	39.96M	35.922M	40.2M	35.982M	40.32M	35.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	32.814M	35.035M	32.779M	35.21M	32.814M	35.21M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.658M	3.16M	3.738M	3.12M	3.738M	3.14M	3.818M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.76M	75.202M	79.44M	74.843M	79.8M	74.963M	79.56M	75.082M
5530MHz	Pass	Inf	80.76M	74.963M	79.68M	75.202M	79.92M	74.963M	79.68M	74.963M
5610MHz	Pass	Inf	81.48M	75.322M	79.56M	74.843M	80.04M	75.082M	80.04M	75.202M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.45M	72.114M	76.725M	72.039M	75.45M	71.889M	76.05M	71.889M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	21.909M	3.14M	26.047M	3.14M	27.206M	3.14M	29.685M
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	80.4M	75.322M	80.28M	75.442M				
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf					80.4M	75.442M	80.28M	75.202M
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	80.1M	75.112M	80.4M	74.963M	80.1M	75.562M	80.4M	75.412M

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

06/05/2019

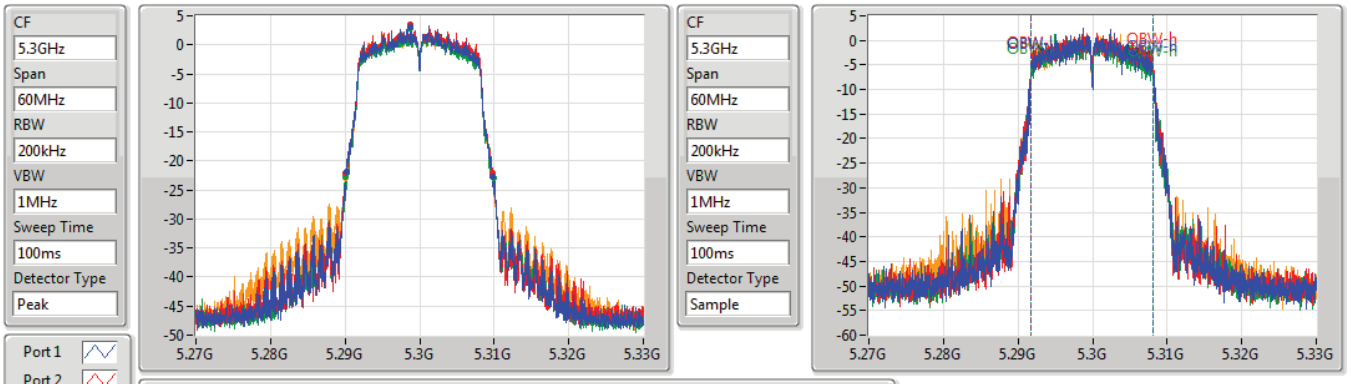


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.2501G	5.26969G	16.372M	5.251754G	5.268126G	Inf	1
19.77M	5.2501G	5.26987G	16.402M	5.251784G	5.268186G	Inf	2
19.95M	5.25001G	5.26996G	16.312M	5.251784G	5.268096G	Inf	3
19.71M	5.25013G	5.26984G	16.432M	5.251754G	5.268186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

06/05/2019

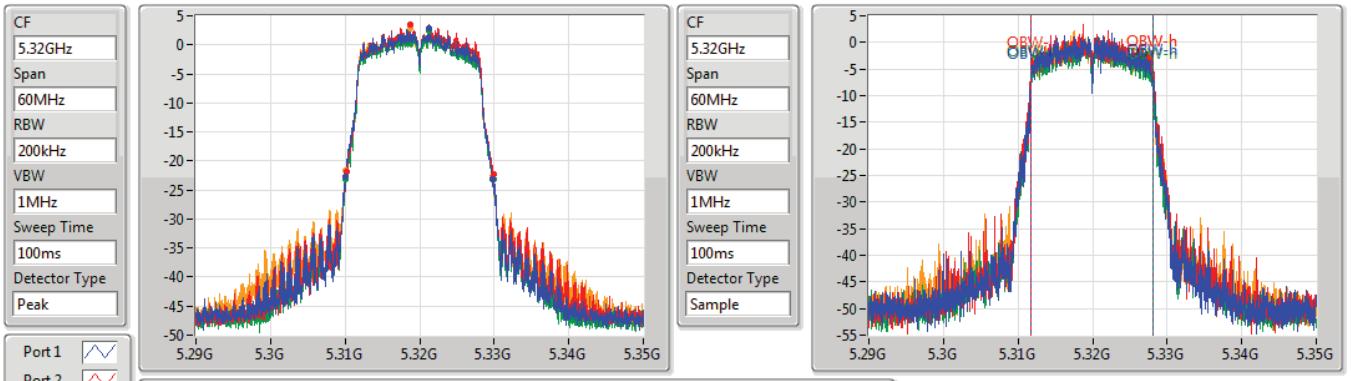


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.29016G	5.30975G	16.372M	5.291784G	5.308156G	Inf	1
19.74M	5.2901G	5.30984G	16.372M	5.291784G	5.308156G	Inf	2
19.92M	5.29004G	5.30996G	16.372M	5.291754G	5.308126G	Inf	3
19.68M	5.29013G	5.30981G	16.342M	5.291784G	5.308126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

06/05/2019

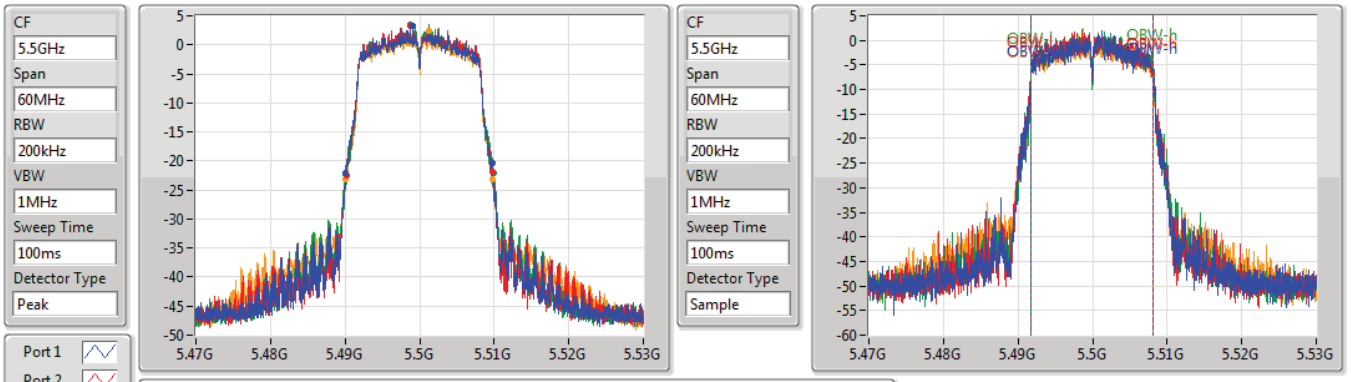


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.31007G	5.32975G	16.342M	5.311784G	5.328126G	Inf	1
19.71M	5.31019G	5.3299G	16.372M	5.311784G	5.328156G	Inf	2
19.98M	5.30998G	5.32996G	16.342M	5.311784G	5.328126G	Inf	3
19.74M	5.31007G	5.32981G	16.402M	5.311754G	5.328156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

06/05/2019

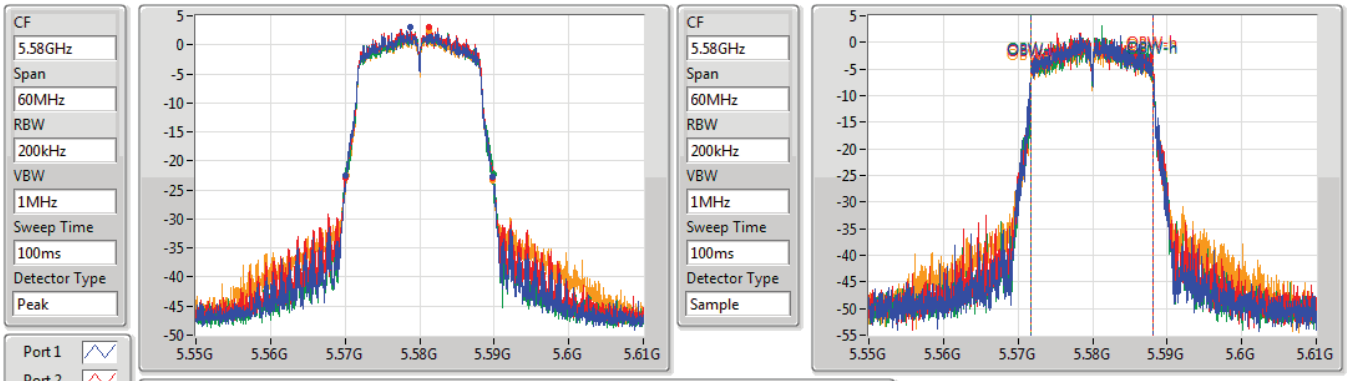


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.49013G	5.50978G	16.402M	5.491754G	5.508156G	Inf	1
19.62M	5.49016G	5.50978G	16.372M	5.491784G	5.508156G	Inf	2
19.92M	5.48998G	5.5099G	16.372M	5.491784G	5.508156G	Inf	3
19.71M	5.4901G	5.50981G	16.402M	5.491754G	5.508156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

06/05/2019

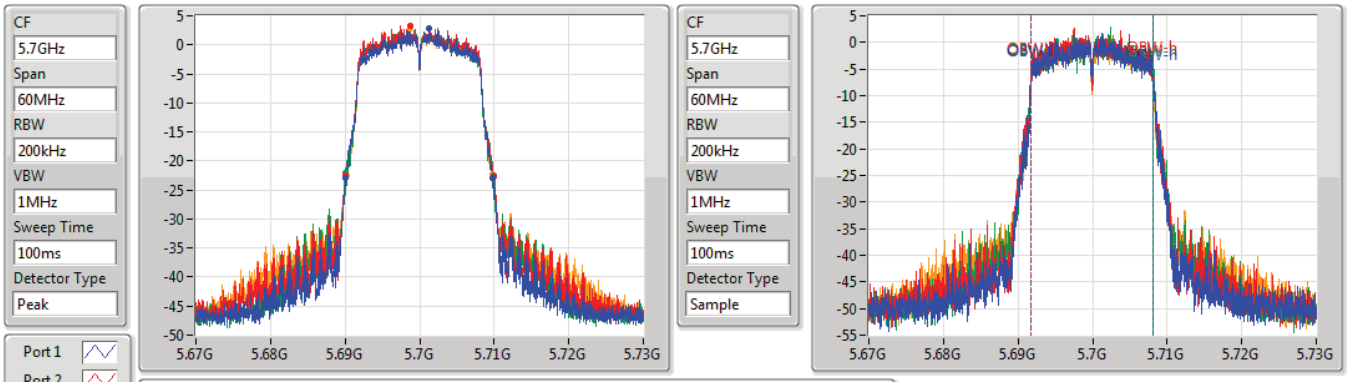


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.5701G	5.58975G	16.372M	5.571754G	5.588126G	Inf	1
19.71M	5.57013G	5.58984G	16.402M	5.571754G	5.588156G	Inf	2
19.95M	5.57001G	5.58996G	16.372M	5.571784G	5.588156G	Inf	3
19.62M	5.57019G	5.58981G	16.402M	5.571754G	5.588156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

06/05/2019

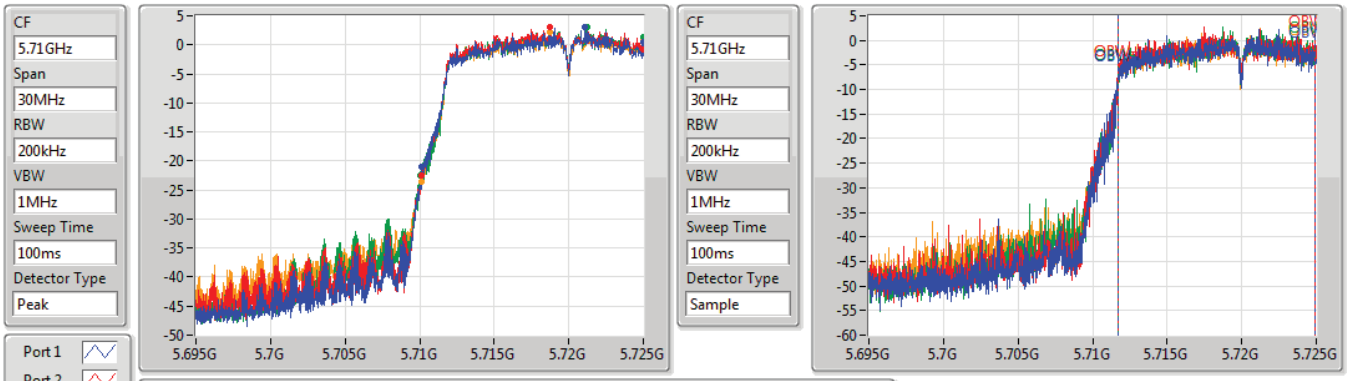


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.6901G	5.70972G	16.372M	5.691784G	5.708156G	Inf	1
19.8M	5.6901G	5.7099G	16.402M	5.691754G	5.708156G	Inf	2
19.89M	5.6901G	5.70999G	16.372M	5.691784G	5.708156G	Inf	3
19.65M	5.69016G	5.70981G	16.402M	5.691754G	5.708156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2019

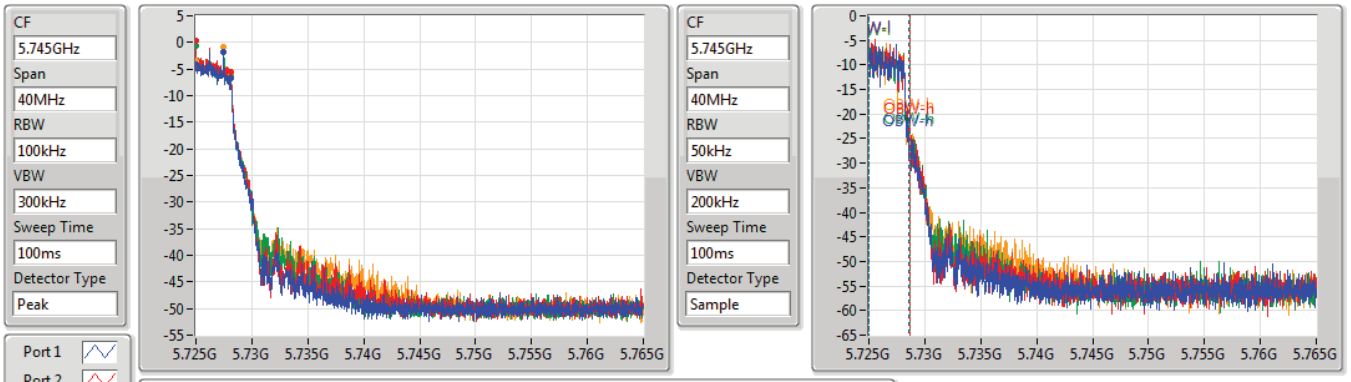


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.865M	5.710135G	5.725G	13.178M	5.711724G	5.724903G	Inf	1
14.865M	5.710135G	5.725G	13.178M	5.711754G	5.724933G	Inf	2
14.955M	5.710045G	5.725G	13.163M	5.711754G	5.724918G	Inf	3
14.88M	5.71012G	5.725G	13.178M	5.711739G	5.724918G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2019

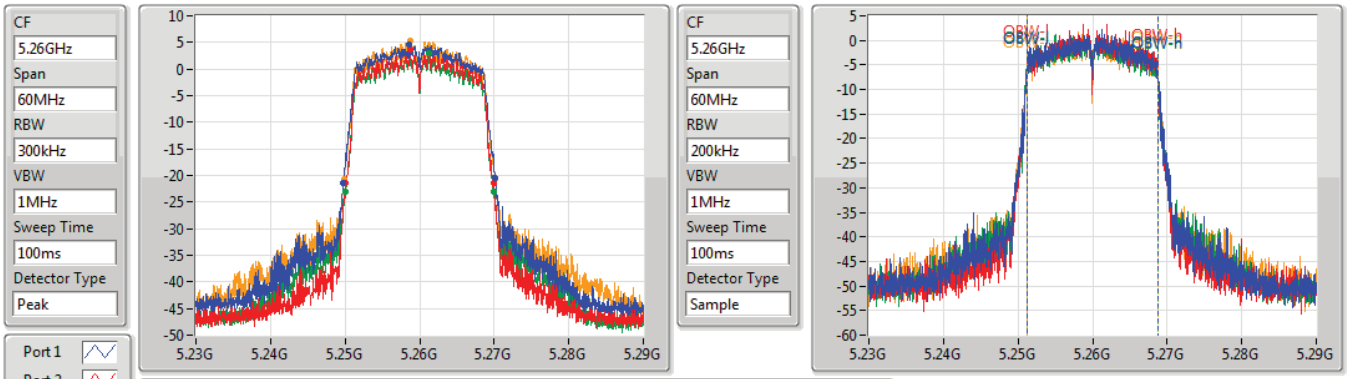


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	1
3.12M	5.725G	5.72812G	3.638M	5.72501G	5.728648G	500k	2
3.14M	5.725G	5.72814G	3.638M	5.72501G	5.728648G	500k	3
3.14M	5.725G	5.72814G	3.718M	5.72501G	5.728728G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

06/05/2019

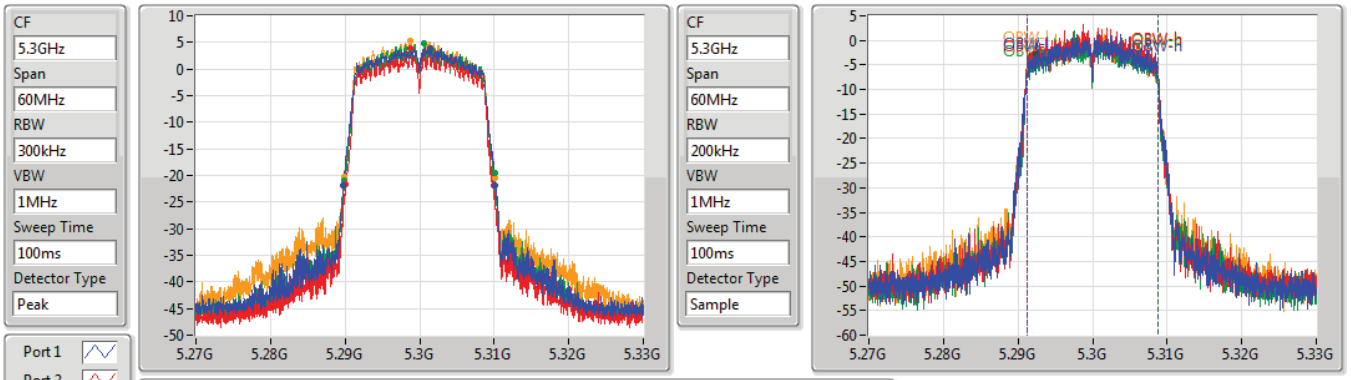


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.24977G	5.27017G	17.541M	5.251184G	5.268726G	Inf	1
19.8M	5.25013G	5.26993G	17.511M	5.251214G	5.268726G	Inf	2
19.92M	5.25001G	5.26993G	17.541M	5.251184G	5.268726G	Inf	3
20.31M	5.24986G	5.27017G	17.571M	5.251154G	5.268726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

06/05/2019

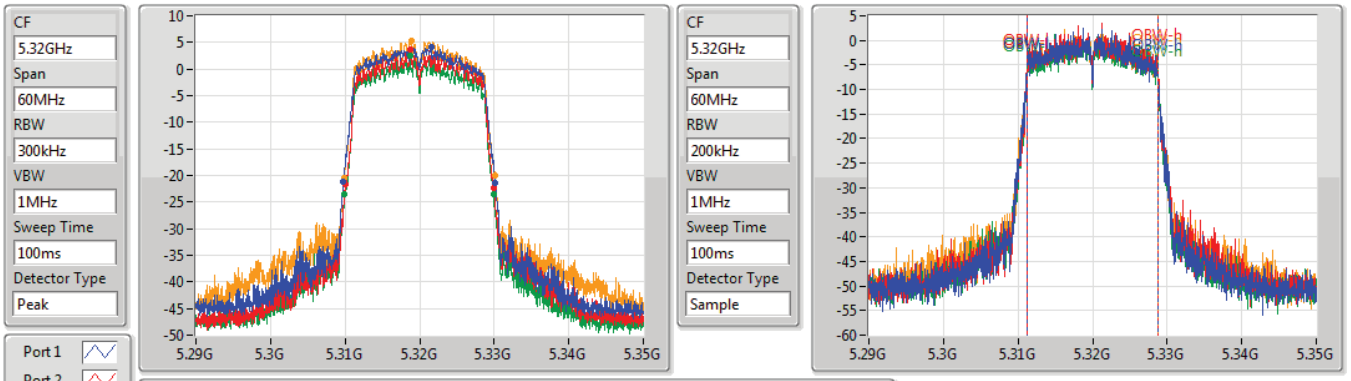


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.28977G	5.31017G	17.541M	5.291184G	5.308726G	Inf	1
19.86M	5.2901G	5.30996G	17.541M	5.291184G	5.308726G	Inf	2
20.13M	5.28995G	5.31008G	17.511M	5.291214G	5.308726G	Inf	3
20.25M	5.28989G	5.31014G	17.541M	5.291184G	5.308726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

06/05/2019

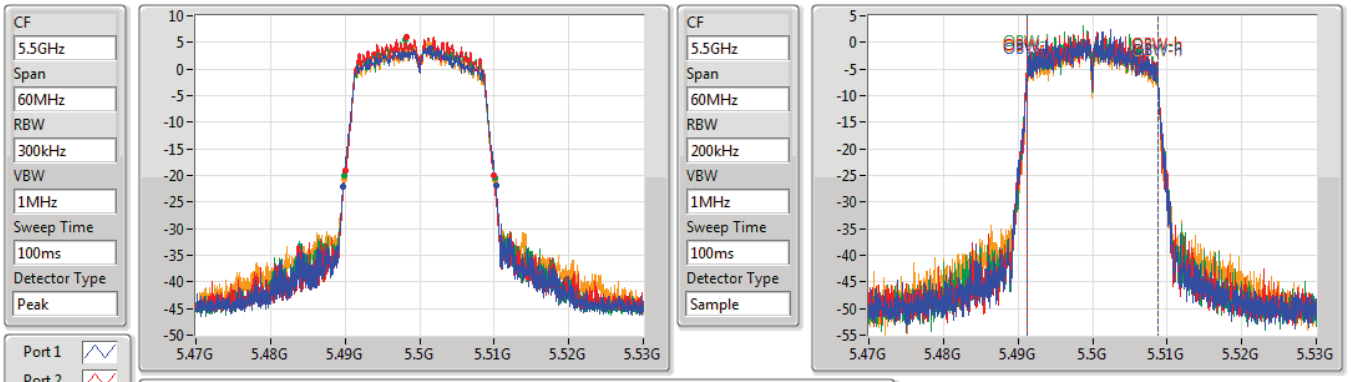


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.30977G	5.33017G	17.541M	5.311184G	5.328726G	Inf	1
19.98M	5.31001G	5.32999G	17.541M	5.311214G	5.328756G	Inf	2
19.98M	5.30995G	5.32993G	17.511M	5.311184G	5.328696G	Inf	3
20.28M	5.30983G	5.33011G	17.571M	5.311154G	5.328726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

06/05/2019

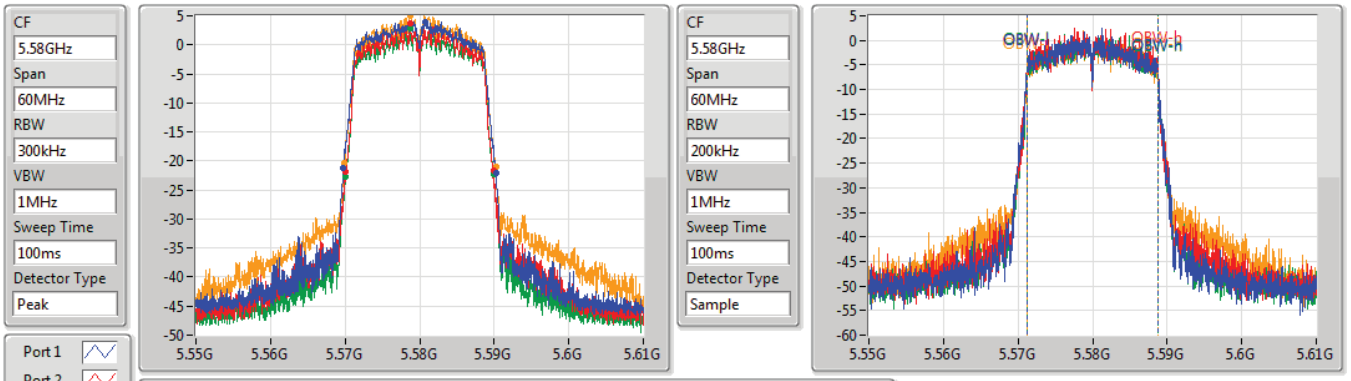


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.48977G	5.51026G	17.601M	5.491154G	5.508756G	Inf	1
19.98M	5.49004G	5.51002G	17.541M	5.491184G	5.508726G	Inf	2
20.1M	5.48995G	5.51005G	17.541M	5.491184G	5.508726G	Inf	3
20.31M	5.48983G	5.51014G	17.541M	5.491184G	5.508726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

06/05/2019

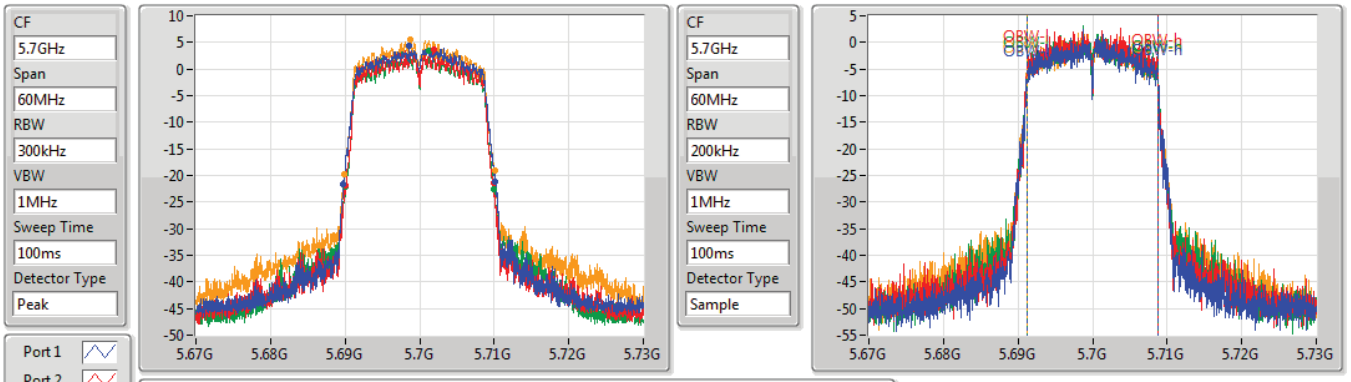


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.5698G	5.5902G	17.541M	5.571184G	5.588726G	Inf	1
19.83M	5.57007G	5.5899G	17.541M	5.571184G	5.588726G	Inf	2
19.86M	5.57007G	5.58993G	17.511M	5.571214G	5.588726G	Inf	3
20.34M	5.56986G	5.5902G	17.571M	5.571184G	5.588756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

06/05/2019

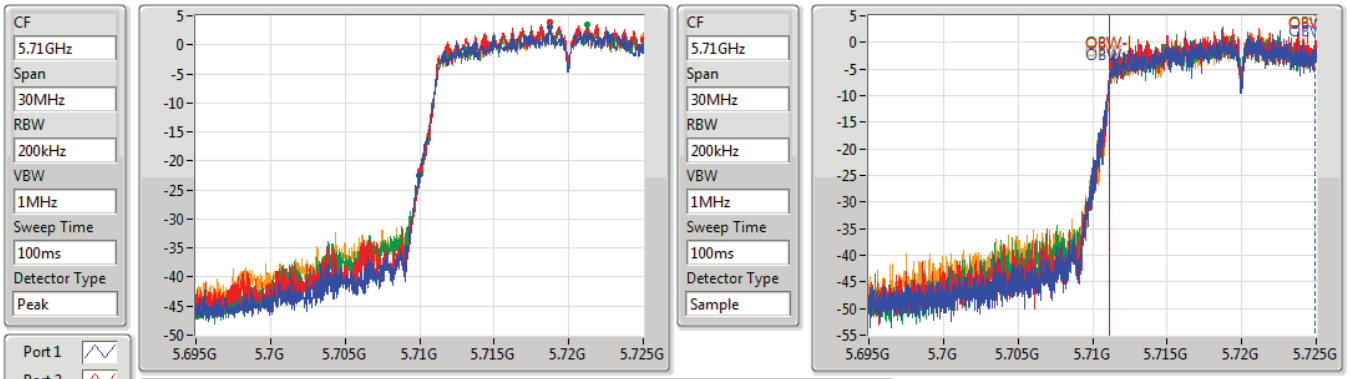


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.68974G	5.71017G	17.541M	5.691184G	5.708726G	Inf	1
19.86M	5.69001G	5.70987G	17.571M	5.691184G	5.708756G	Inf	2
19.89M	5.69007G	5.70996G	17.541M	5.691184G	5.708726G	Inf	3
20.19M	5.68989G	5.71008G	17.601M	5.691154G	5.708756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2019

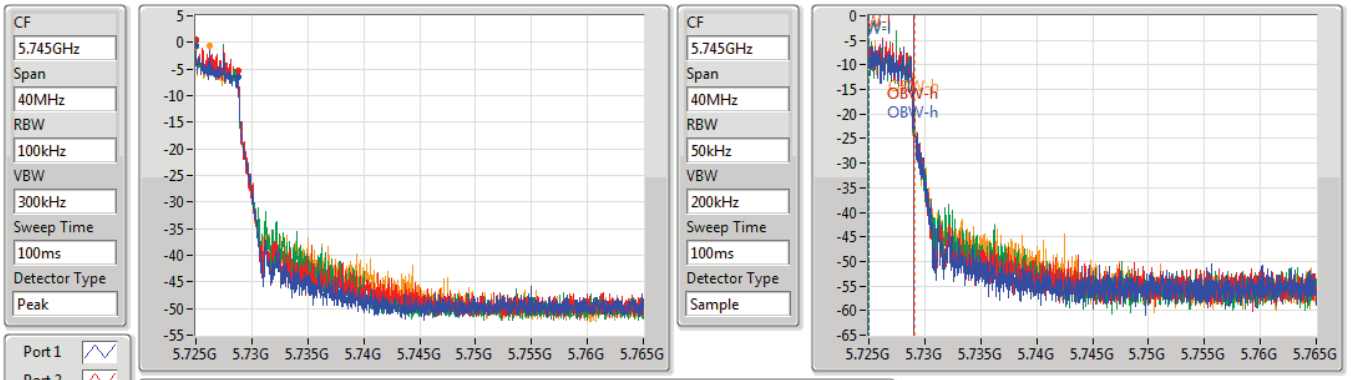


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.045M	5.709955G	5.725G	13.778M	5.711154G	5.724933G	Inf	1
14.97M	5.71003G	5.725G	13.793M	5.711154G	5.724948G	Inf	2
14.985M	5.710015G	5.725G	13.778M	5.711169G	5.724948G	Inf	3
15.045M	5.709955G	5.725G	13.778M	5.711154G	5.724933G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2019

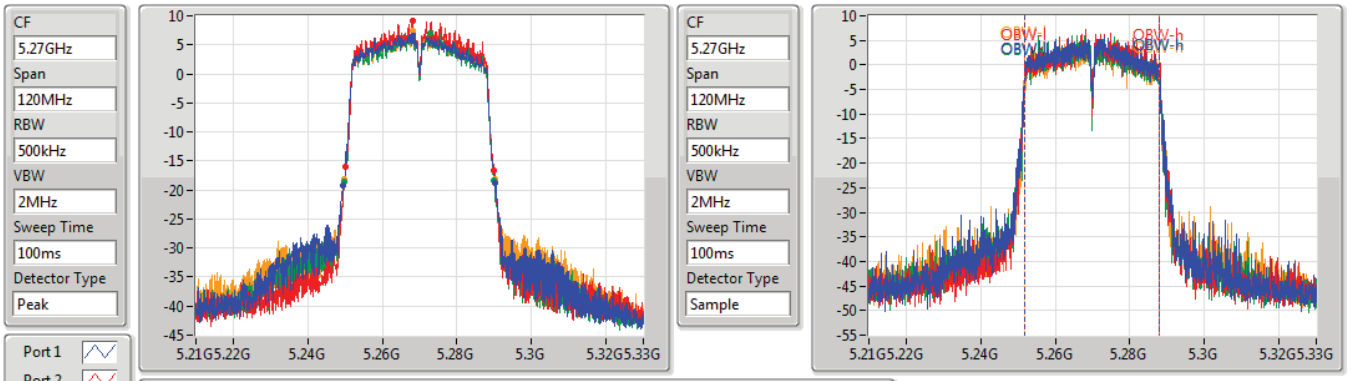


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	4.038M	5.72501G	5.729048G	500k	1
3.76M	5.725G	5.72876G	4.038M	5.72501G	5.729048G	500k	2
3.52M	5.725G	5.72852G	4.038M	5.72501G	5.729048G	500k	3
3.78M	5.725G	5.72878G	4.078M	5.72501G	5.729088G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

06/05/2019

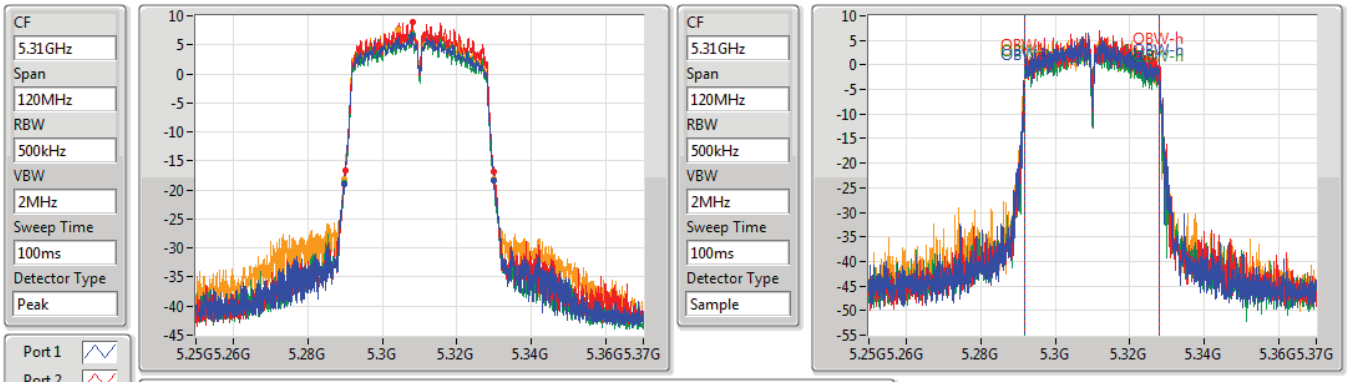


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.2496G	5.29016G	35.982M	5.251889G	5.287871G	Inf	1
39.84M	5.25008G	5.28992G	36.042M	5.251949G	5.287991G	Inf	2
40.26M	5.24978G	5.29004G	35.982M	5.251949G	5.287931G	Inf	3
40.26M	5.24984G	5.2901G	35.922M	5.251949G	5.287871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

06/05/2019

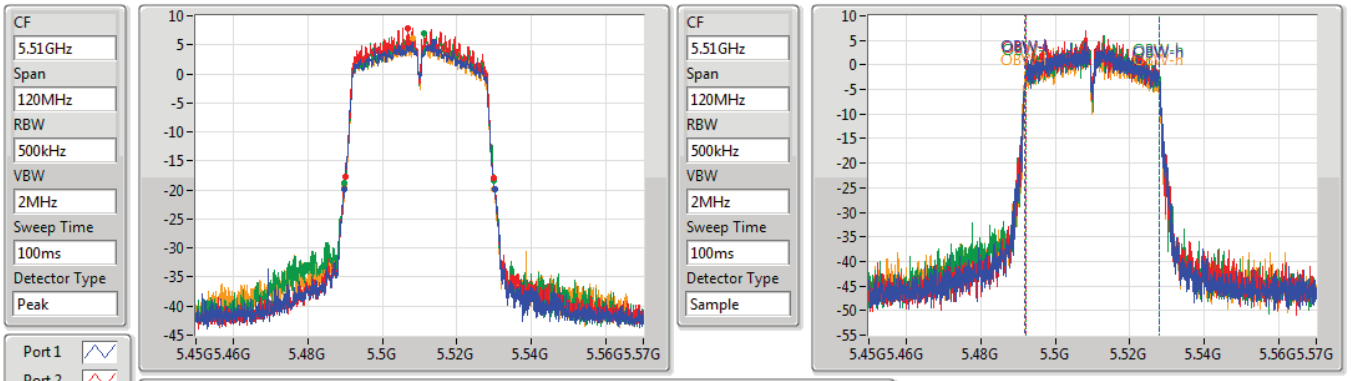


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28978G	5.32998G	35.982M	5.291949G	5.327931G	Inf	1
39.96M	5.29002G	5.32998G	35.982M	5.291949G	5.327931G	Inf	2
40.38M	5.28966G	5.33004G	36.042M	5.291829G	5.327871G	Inf	3
40.32M	5.28972G	5.33004G	35.982M	5.291829G	5.327811G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

06/05/2019

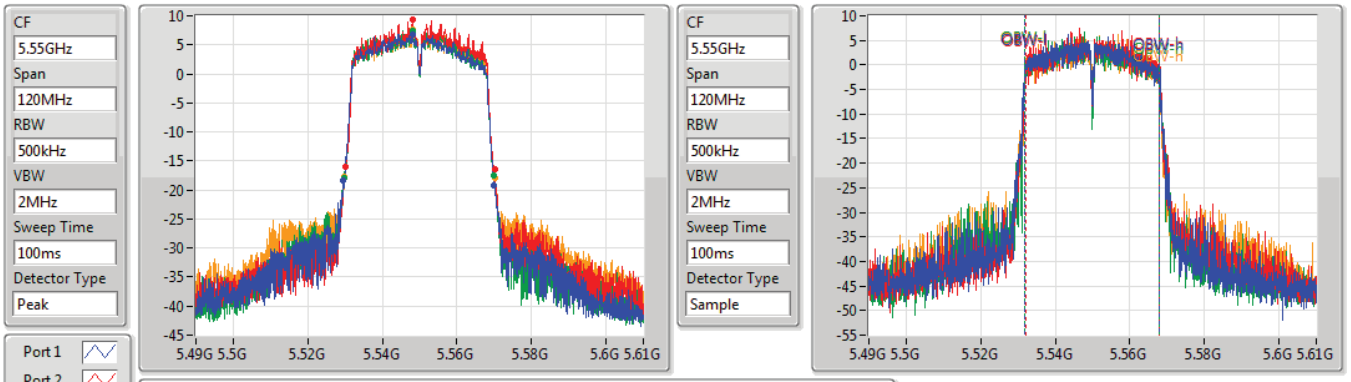


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.48978G	5.5301G	36.042M	5.491889G	5.527931G	Inf	1
39.84M	5.48996G	5.5298G	35.862M	5.492009G	5.527871G	Inf	2
40.14M	5.48978G	5.52992G	35.862M	5.492009G	5.527871G	Inf	3
40.26M	5.48978G	5.53004G	35.862M	5.491949G	5.527811G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

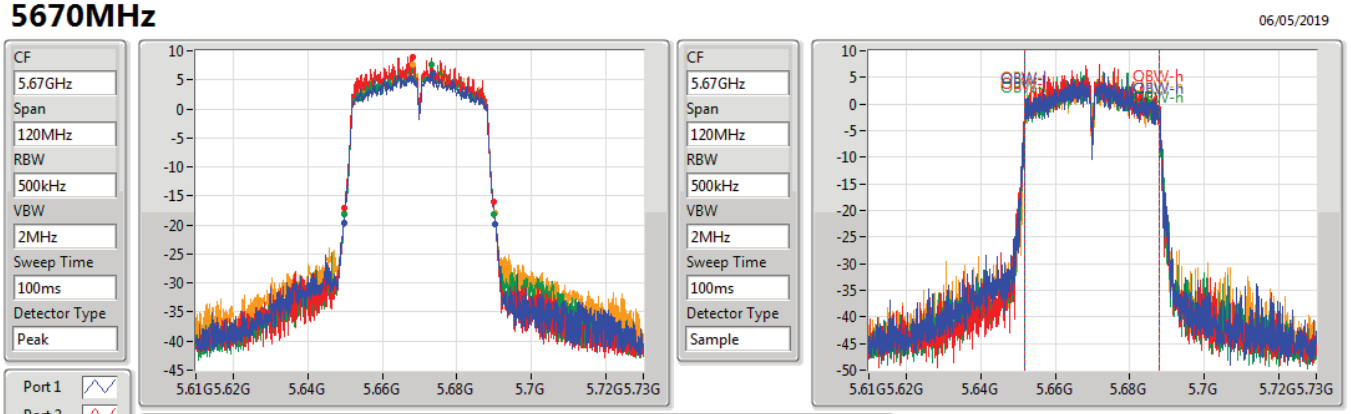
06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.5296G	5.57004G	35.982M	5.531889G	5.567871G	Inf	1
40.02M	5.53008G	5.5701G	35.922M	5.532009G	5.567931G	Inf	2
40.08M	5.52978G	5.56986G	35.982M	5.531889G	5.567871G	Inf	3
40.32M	5.52984G	5.57016G	35.982M	5.531889G	5.567871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

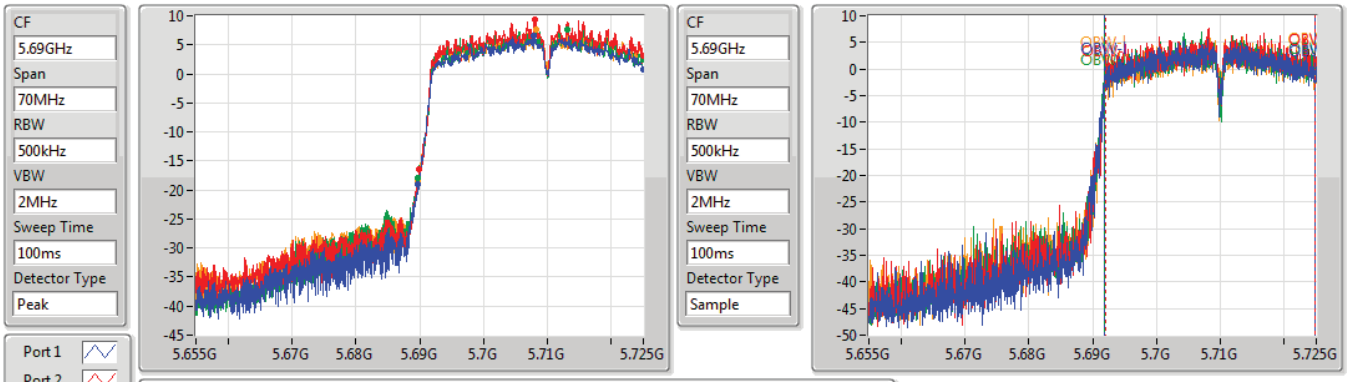
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.64966G	5.69034G	35.982M	5.651949G	5.687931G	Inf	1
39.96M	5.64984G	5.6898G	35.922M	5.651949G	5.687871G	Inf	2
40.2M	5.64984G	5.69004G	35.982M	5.651949G	5.687931G	Inf	3
40.32M	5.64984G	5.69016G	35.982M	5.651949G	5.687931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

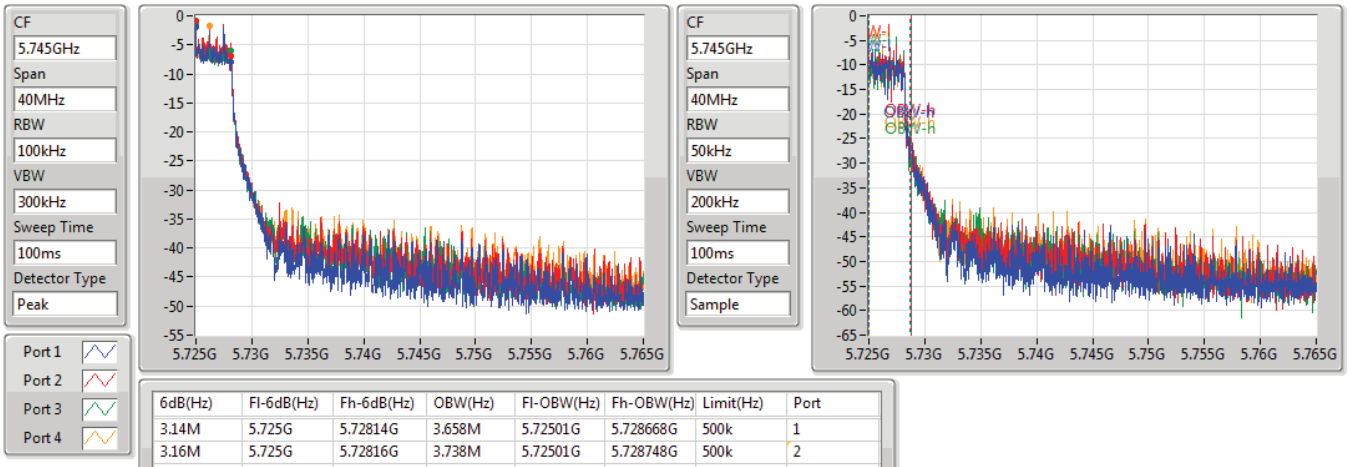


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	32.814M	5.691924G	5.724738G	Inf	1
35.035M	5.689965G	5.725G	32.779M	5.691959G	5.724738G	Inf	2
35.21M	5.68979G	5.725G	32.814M	5.691924G	5.724738G	Inf	3
35.21M	5.68979G	5.725G	32.849M	5.691924G	5.724773G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

06/05/2019

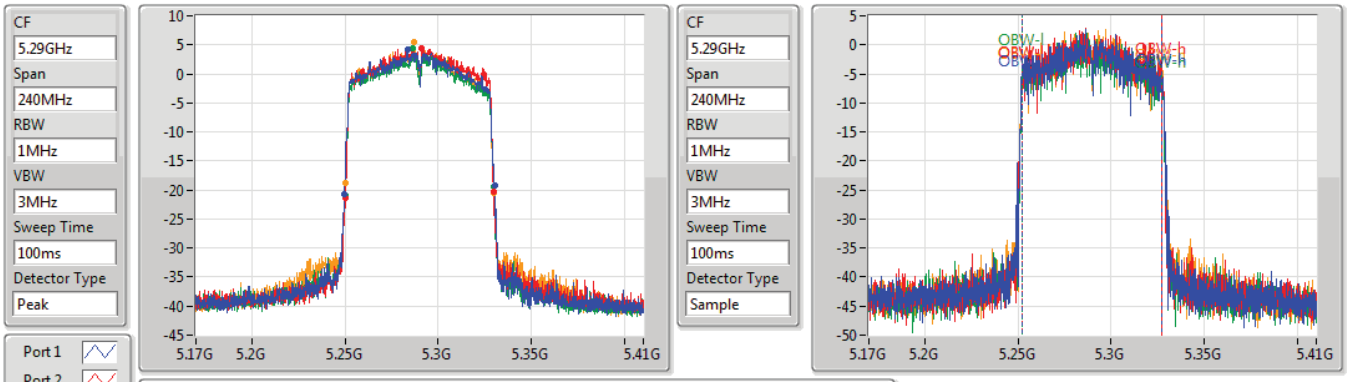


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.658M	5.72501G	5.728668G	500k	1
3.16M	5.725G	5.72816G	3.738M	5.72501G	5.728748G	500k	2
3.12M	5.725G	5.72812G	3.738M	5.72501G	5.728748G	500k	3
3.14M	5.725G	5.72814G	3.818M	5.72501G	5.728828G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

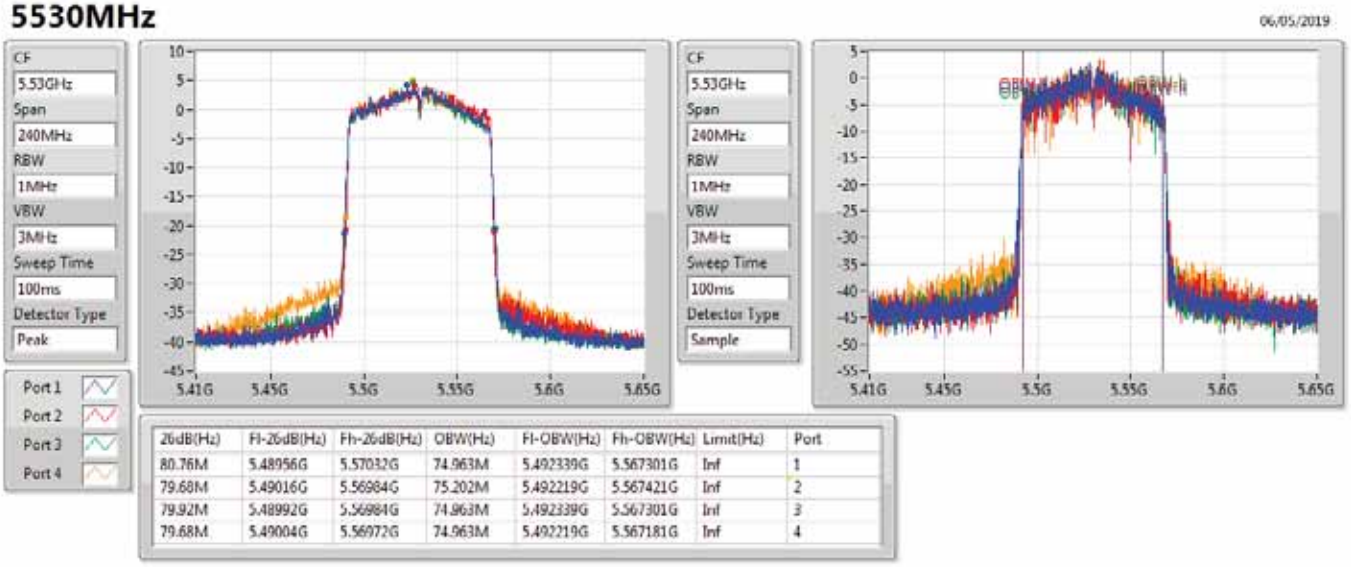
06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.24944G	5.3302G	75.202M	5.252219G	5.327421G	Inf	1
79.44M	5.25016G	5.3296G	74.843M	5.252459G	5.327301G	Inf	2
79.8M	5.24992G	5.32972G	74.963M	5.252219G	5.327181G	Inf	3
79.56M	5.25016G	5.32972G	75.082M	5.252339G	5.327421G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

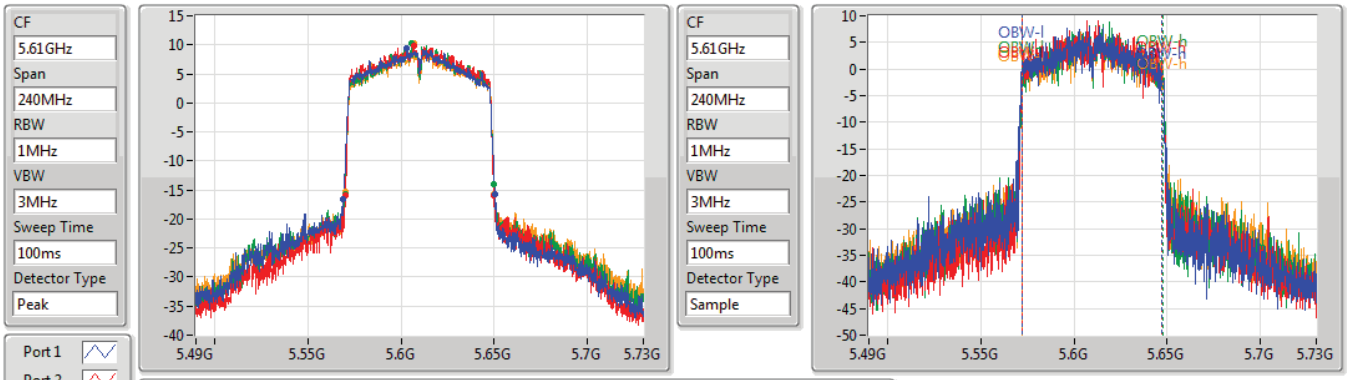
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.48956G	5.57032G	74.963M	5.492339G	5.567301G	Inf	1
79.68M	5.49016G	5.56984G	75.202M	5.492219G	5.567421G	Inf	2
79.92M	5.489992G	5.56984G	74.963M	5.492339G	5.567301G	Inf	3
79.68M	5.49004G	5.56972G	74.963M	5.492219G	5.567181G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

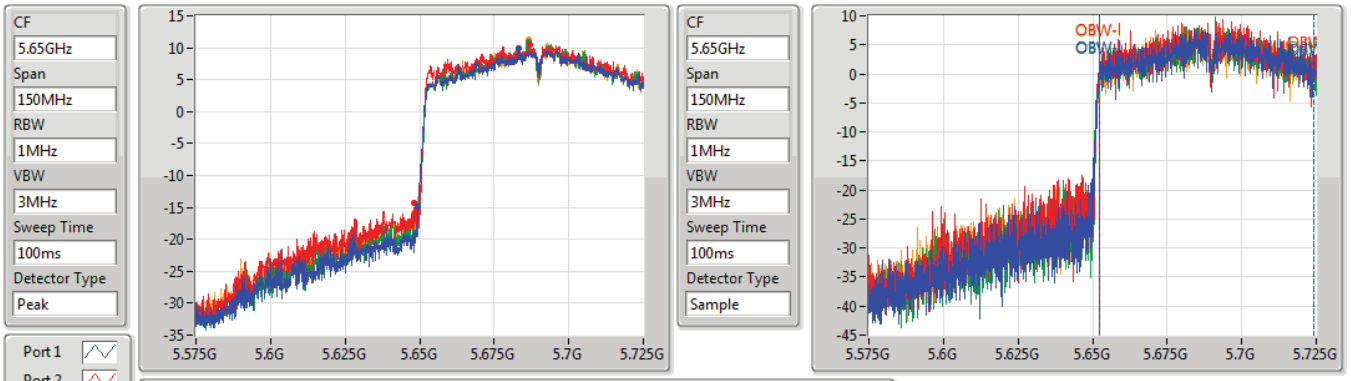


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.5692G	5.65068G	75.322M	5.572099G	5.647421G	Inf	1
79.56M	5.57016G	5.64972G	74.843M	5.572459G	5.647301G	Inf	2
80.04M	5.56992G	5.64996G	75.082M	5.572459G	5.647541G	Inf	3
80.04M	5.56992G	5.64996G	75.202M	5.572339G	5.647541G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

06/05/2019

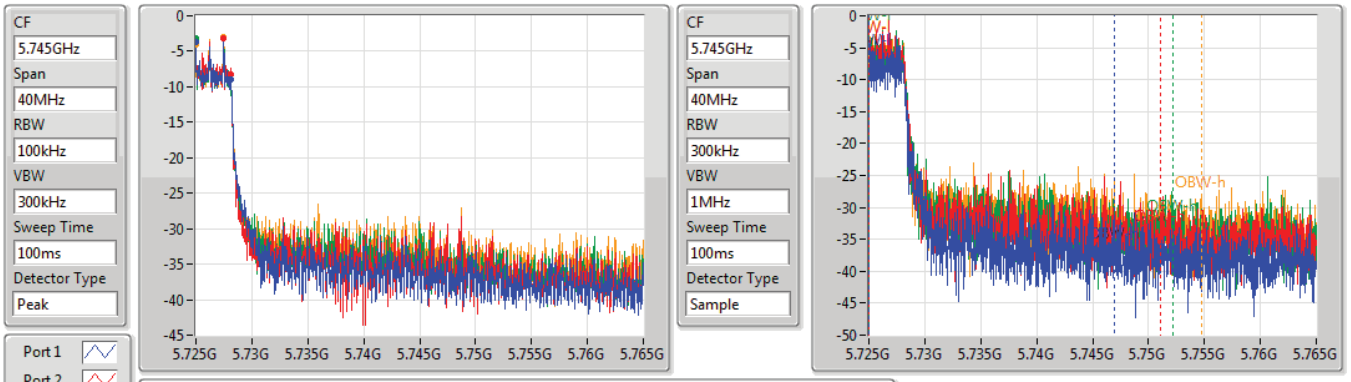


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.45M	5.64955G	5.725G	72.114M	5.652249G	5.724363G	Inf	1
76.725M	5.648275G	5.725G	72.039M	5.652249G	5.724288G	Inf	2
75.45M	5.64955G	5.725G	71.889M	5.652399G	5.724288G	Inf	3
76.05M	5.64895G	5.725G	71.889M	5.652399G	5.724288G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

06/05/2019

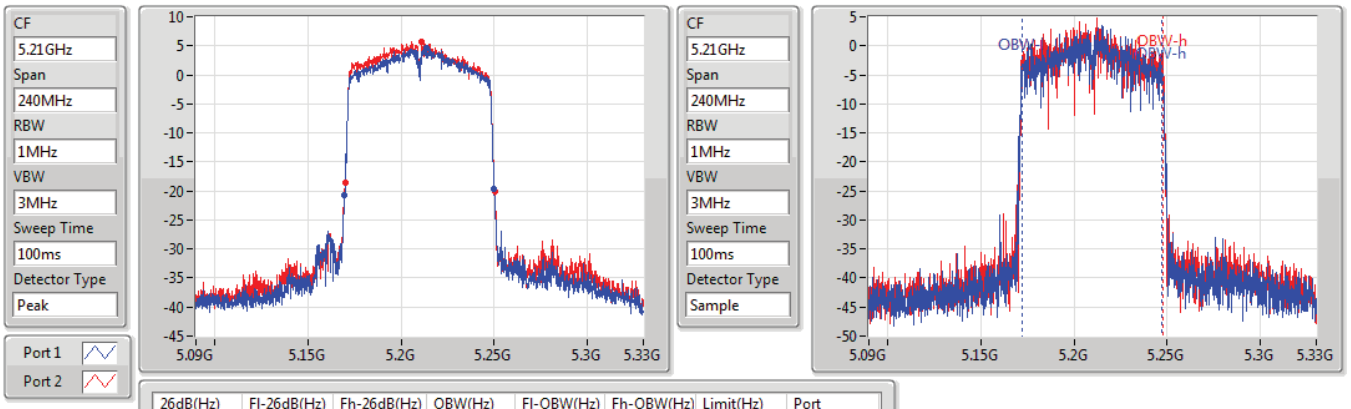


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	21.909M	5.72501G	5.746919G	500k	1
3.14M	5.725G	5.72814G	26.047M	5.72501G	5.751057G	500k	2
3.14M	5.725G	5.72814G	27.206M	5.72501G	5.752216G	500k	3
3.14M	5.725G	5.72814G	29.685M	5.72501G	5.754695G	500k	4

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2) EBW

#5210MHz,5290MHz

06/05/2019

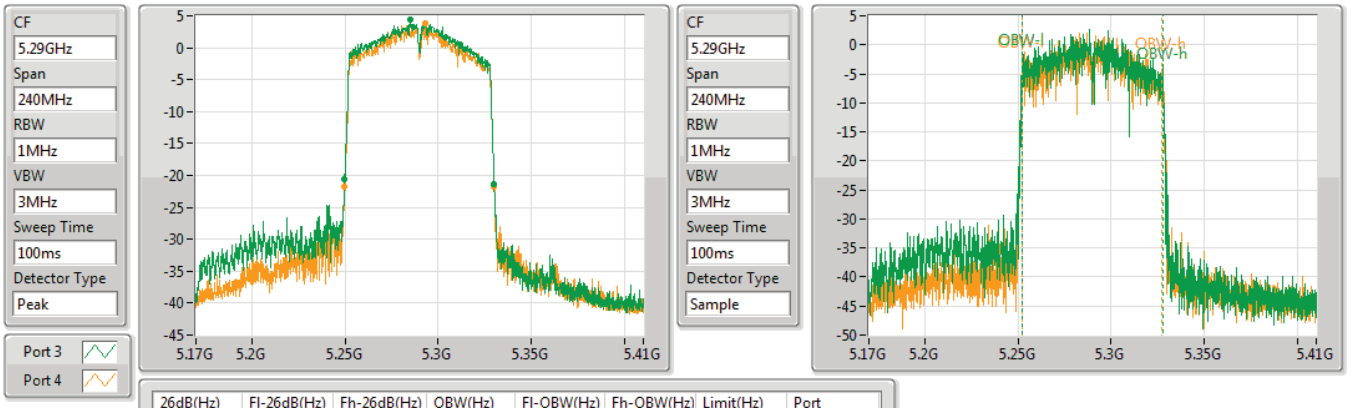


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.16968G	5.25008G	75.322M	5.172099G	5.247421G	Inf	1
80.28M	5.16992G	5.2502G	75.442M	5.172099G	5.247541G	Inf	2

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4) EBW

5210MHz,#5290MHz

06/05/2019

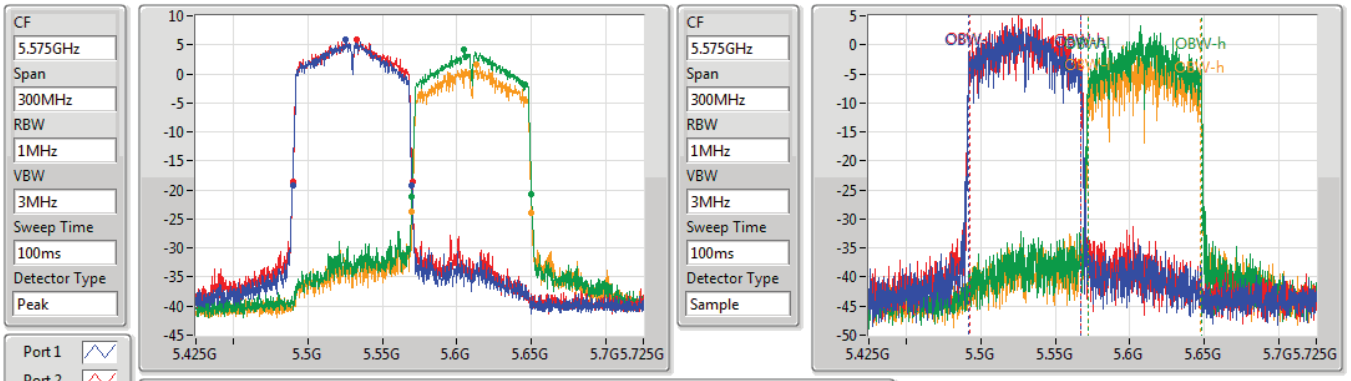


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.24968G	5.33008G	75.442M	5.252099G	5.327541G	Inf	3
80.28M	5.2498G	5.33008G	75.202M	5.252219G	5.327421G	Inf	4

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

#5530MHz,#5610MHz

06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.1M	5.4898G	5.5699G	75.112M	5.492241G	5.567354G	Inf	1
80.4M	5.4898G	5.5702G	74.963M	5.492391G	5.567354G	Inf	2
80.1M	5.5699G	5.65G	75.562M	5.572151G	5.647714G	Inf	3
80.4M	5.56975G	5.65015G	75.412M	5.572151G	5.647564G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	80.4M	75.442M	75M4D1D	80.28M	75.322M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.98M	16.432M	16M4D1D	19.59M	16.312M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.4M	17.571M	17M6D1D	19.8M	17.511M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.56M	36.042M	36M0D1D	39.84M	35.922M
802.11ac VHT80_Nss1,(MCS0)_4TX	80.76M	75.202M	75M2D1D	79.44M	74.843M
802.11ac VHT80+80_Nss2,(MCS0)_2TX	80.4M	75.442M	75M4D1D	80.28M	75.202M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.95M	16.402M	16M4D1D	14.865M	13.163M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.49M	17.601M	17M6D1D	14.97M	13.778M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.68M	36.042M	36M0D1D	35.035M	32.779M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.48M	75.322M	75M3D1D	75.45M	71.889M
802.11ac VHT80+80_Nss1,(MCS0)_4TX	80.4M	75.562M	75M6D1D	80.1M	74.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.14M	3.718M	3M72D1D	3.12M	3.558M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.78M	4.078M	4M08D1D	3.52M	4.038M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.16M	3.818M	3M82D1D	3.12M	3.658M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.14M	29.685M	29M7D1D	3.12M	21.909M

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

Result

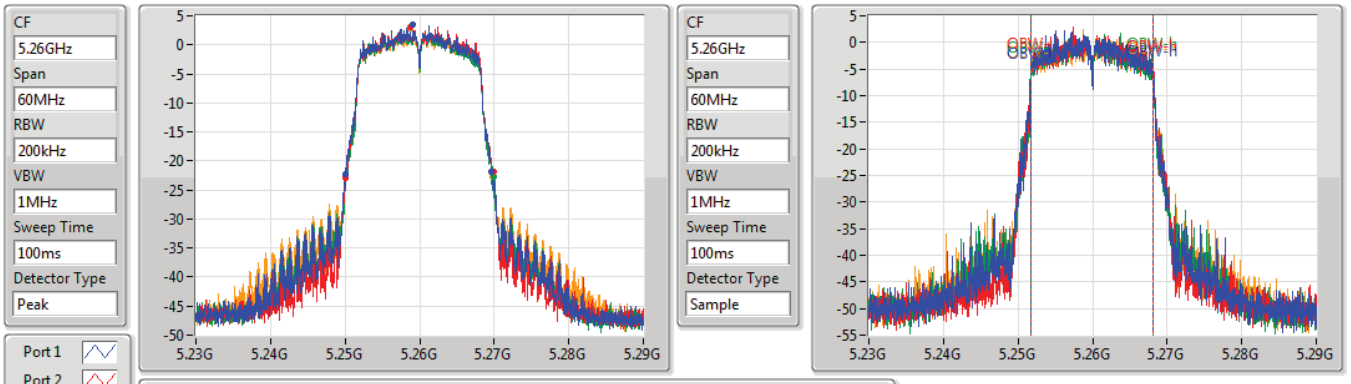
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.59M	16.372M	19.77M	16.402M	19.95M	16.312M	19.71M	16.432M
5300MHz	Pass	Inf	19.59M	16.372M	19.74M	16.372M	19.92M	16.372M	19.68M	16.342M
5320MHz	Pass	Inf	19.68M	16.342M	19.71M	16.372M	19.98M	16.342M	19.74M	16.402M
5500MHz	Pass	Inf	19.65M	16.402M	19.62M	16.372M	19.92M	16.372M	19.71M	16.402M
5580MHz	Pass	Inf	19.65M	16.372M	19.71M	16.402M	19.95M	16.372M	19.62M	16.402M
5700MHz	Pass	Inf	19.62M	16.372M	19.8M	16.402M	19.89M	16.372M	19.65M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.865M	13.178M	14.865M	13.178M	14.955M	13.163M	14.88M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.558M	3.12M	3.638M	3.14M	3.638M	3.14M	3.718M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.4M	17.541M	19.8M	17.511M	19.92M	17.541M	20.31M	17.571M
5300MHz	Pass	Inf	20.4M	17.541M	19.86M	17.541M	20.13M	17.511M	20.25M	17.541M
5320MHz	Pass	Inf	20.4M	17.541M	19.98M	17.541M	19.98M	17.511M	20.28M	17.571M
5500MHz	Pass	Inf	20.49M	17.601M	19.98M	17.541M	20.1M	17.541M	20.31M	17.541M
5580MHz	Pass	Inf	20.4M	17.541M	19.83M	17.541M	19.86M	17.511M	20.34M	17.571M
5700MHz	Pass	Inf	20.43M	17.541M	19.86M	17.571M	19.89M	17.541M	20.19M	17.601M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.045M	13.778M	14.97M	13.793M	14.985M	13.778M	15.045M	13.778M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.038M	3.76M	4.038M	3.52M	4.038M	3.78M	4.078M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.56M	35.982M	39.84M	36.042M	40.26M	35.982M	40.26M	35.922M
5310MHz	Pass	Inf	40.2M	35.982M	39.96M	35.982M	40.38M	36.042M	40.32M	35.982M
5510MHz	Pass	Inf	40.32M	36.042M	39.84M	35.862M	40.14M	35.862M	40.26M	35.862M
5550MHz	Pass	Inf	40.44M	35.982M	40.02M	35.922M	40.08M	35.982M	40.32M	35.982M
5670MHz	Pass	Inf	40.68M	35.982M	39.96M	35.922M	40.2M	35.982M	40.32M	35.982M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	32.814M	35.035M	32.779M	35.21M	32.814M	35.21M	32.849M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.658M	3.16M	3.738M	3.12M	3.738M	3.14M	3.818M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.76M	75.202M	79.44M	74.843M	79.8M	74.963M	79.56M	75.082M
5530MHz	Pass	Inf	80.76M	74.963M	79.68M	75.202M	79.92M	74.963M	79.68M	74.963M
5610MHz	Pass	Inf	81.48M	75.322M	79.56M	74.843M	80.04M	75.082M	80.04M	75.202M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.45M	72.114M	76.725M	72.039M	75.45M	71.889M	76.05M	71.889M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	21.909M	3.14M	26.047M	3.14M	27.206M	3.14M	29.685M
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	80.4M	75.322M	80.28M	75.442M				
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf					80.4M	75.442M	80.28M	75.202M
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	80.1M	75.112M	80.4M	74.963M	80.1M	75.562M	80.4M	75.412M

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

06/05/2019

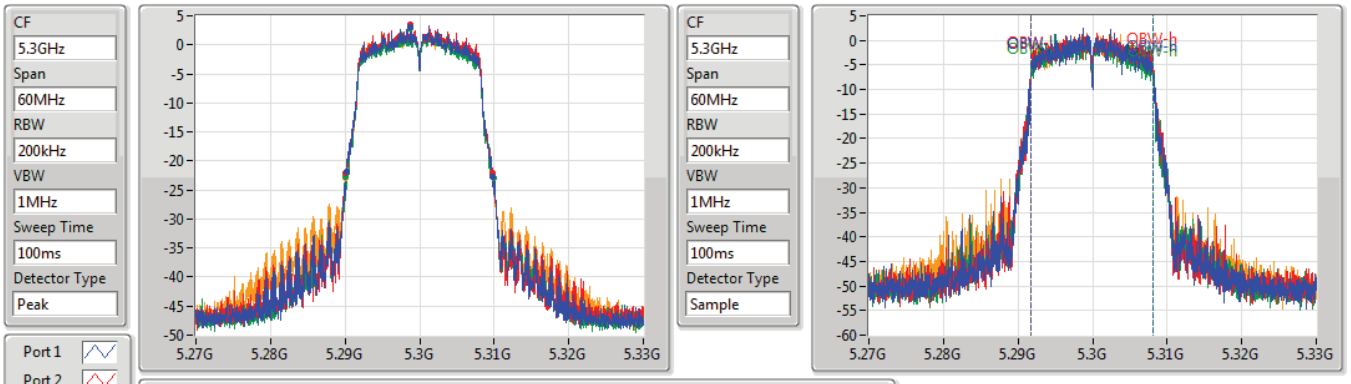


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.2501G	5.26969G	16.372M	5.251754G	5.268126G	Inf	1
19.77M	5.2501G	5.26987G	16.402M	5.251784G	5.268186G	Inf	2
19.95M	5.25001G	5.26996G	16.312M	5.251784G	5.268096G	Inf	3
19.71M	5.25013G	5.26984G	16.432M	5.251754G	5.268186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

06/05/2019

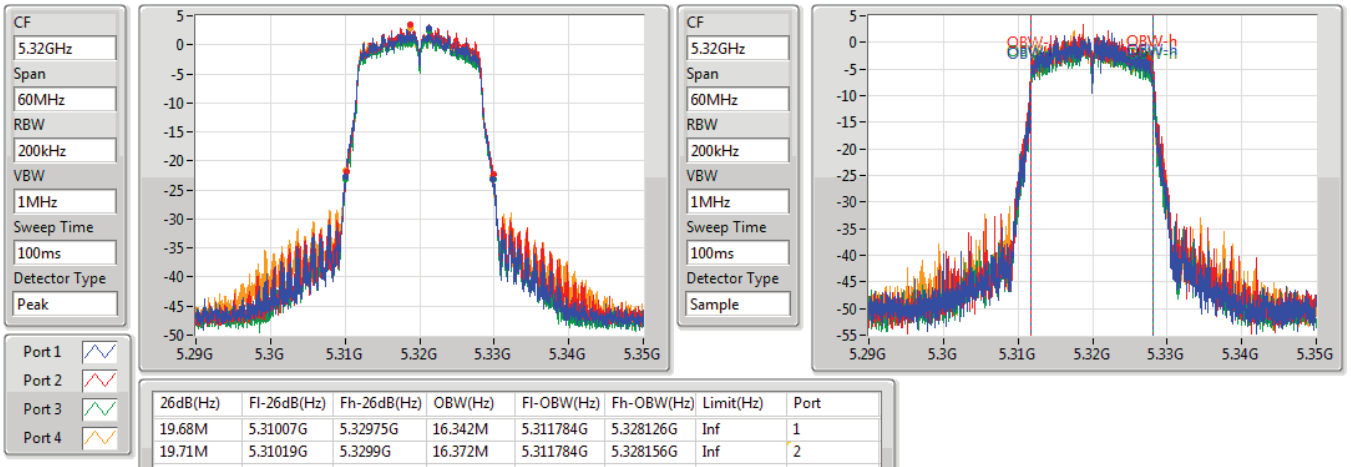


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.29016G	5.30975G	16.372M	5.291784G	5.308156G	Inf	1
19.74M	5.2901G	5.30984G	16.372M	5.291784G	5.308156G	Inf	2
19.92M	5.29004G	5.30996G	16.372M	5.291754G	5.308126G	Inf	3
19.68M	5.29013G	5.30981G	16.342M	5.291784G	5.308126G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

06/05/2019

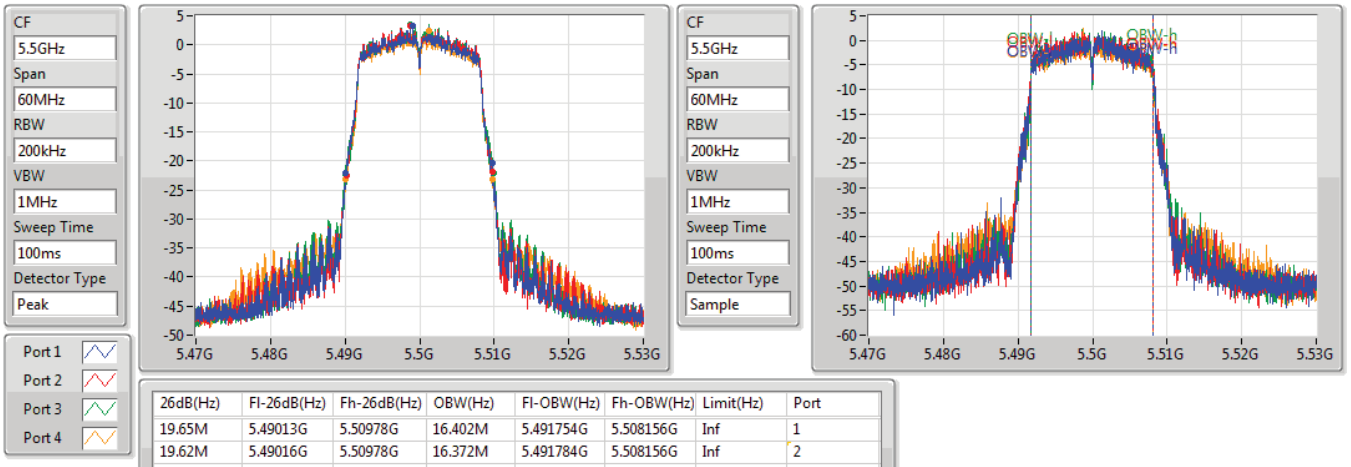


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.31007G	5.32975G	16.342M	5.311784G	5.328126G	Inf	1
19.71M	5.31019G	5.3299G	16.372M	5.311784G	5.328156G	Inf	2
19.98M	5.30998G	5.32996G	16.342M	5.311784G	5.328126G	Inf	3
19.74M	5.31007G	5.32981G	16.402M	5.311754G	5.328156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

06/05/2019

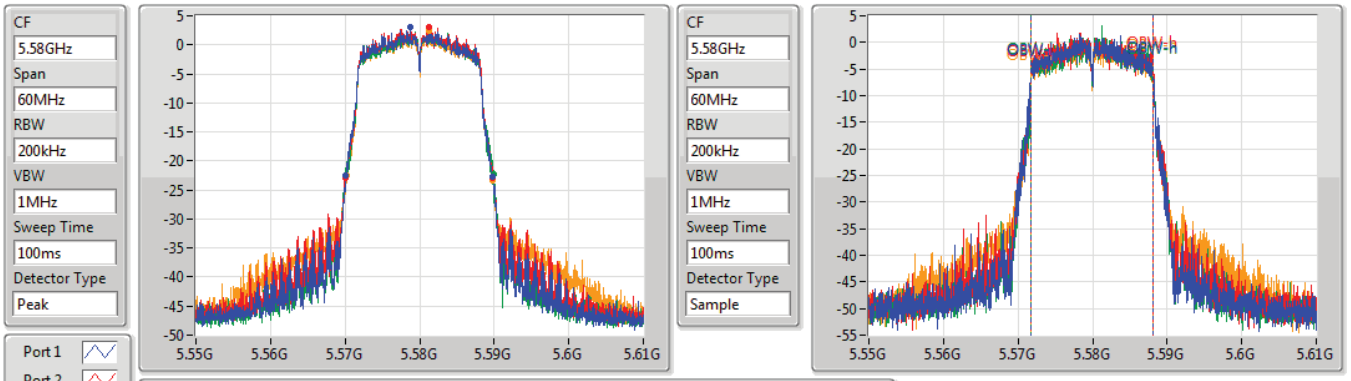


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.49013G	5.50978G	16.402M	5.491754G	5.508156G	Inf	1
19.62M	5.49016G	5.50978G	16.372M	5.491784G	5.508156G	Inf	2
19.92M	5.48998G	5.5099G	16.372M	5.491784G	5.508156G	Inf	3
19.71M	5.4901G	5.50981G	16.402M	5.491754G	5.508156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

06/05/2019

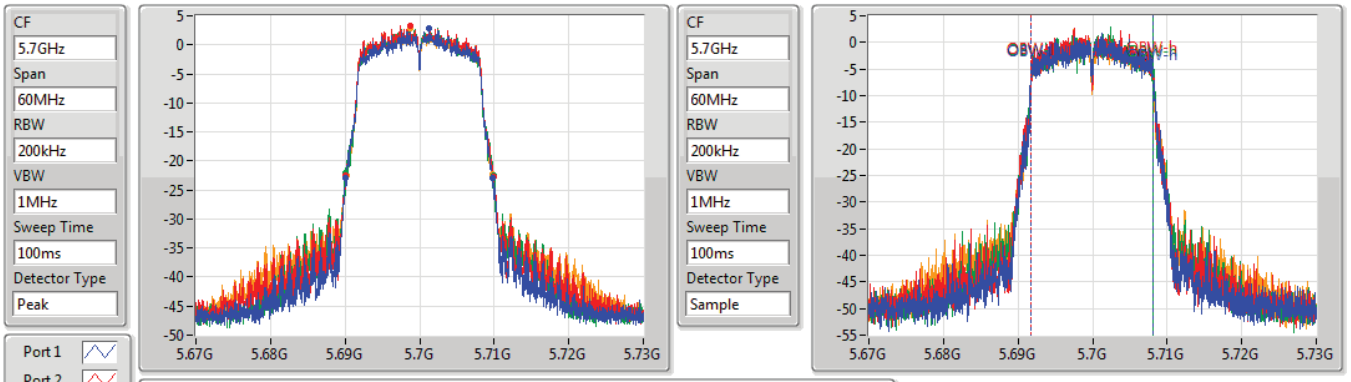


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.5701G	5.58975G	16.372M	5.571754G	5.588126G	Inf	1
19.71M	5.57013G	5.58984G	16.402M	5.571754G	5.588156G	Inf	2
19.95M	5.57001G	5.58996G	16.372M	5.571784G	5.588156G	Inf	3
19.62M	5.57019G	5.58981G	16.402M	5.571754G	5.588156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

06/05/2019

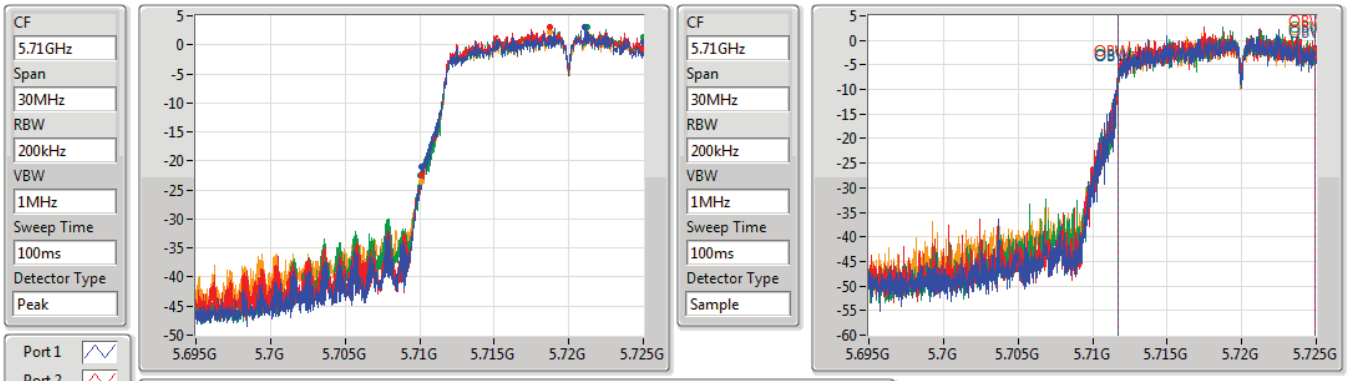


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.6901G	5.70972G	16.372M	5.691784G	5.708156G	Inf	1
19.8M	5.6901G	5.7099G	16.402M	5.691754G	5.708156G	Inf	2
19.89M	5.6901G	5.70999G	16.372M	5.691784G	5.708156G	Inf	3
19.65M	5.69016G	5.70981G	16.402M	5.691754G	5.708156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2019

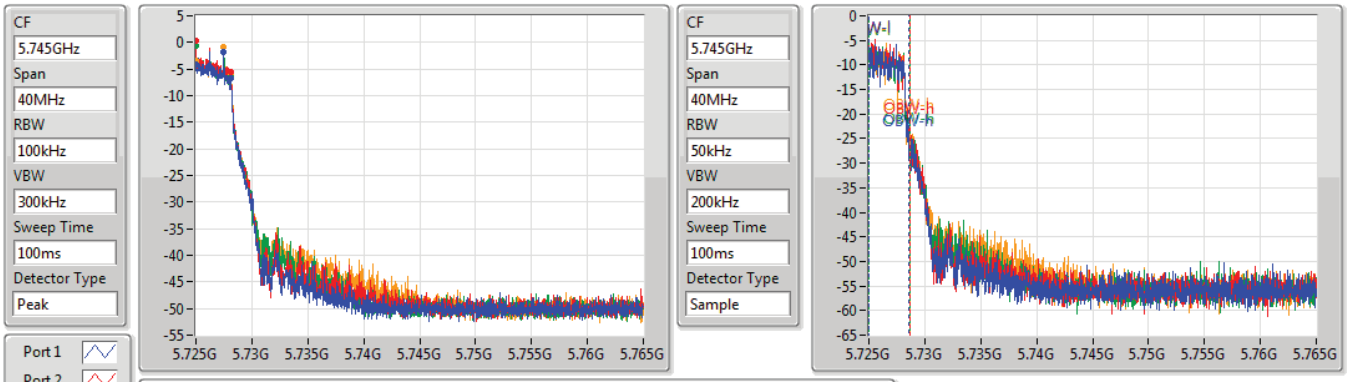


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.865M	5.710135G	5.725G	13.178M	5.711724G	5.724903G	Inf	1
14.865M	5.710135G	5.725G	13.178M	5.711754G	5.724933G	Inf	2
14.955M	5.710045G	5.725G	13.163M	5.711754G	5.724918G	Inf	3
14.88M	5.71012G	5.725G	13.178M	5.711739G	5.724918G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2019

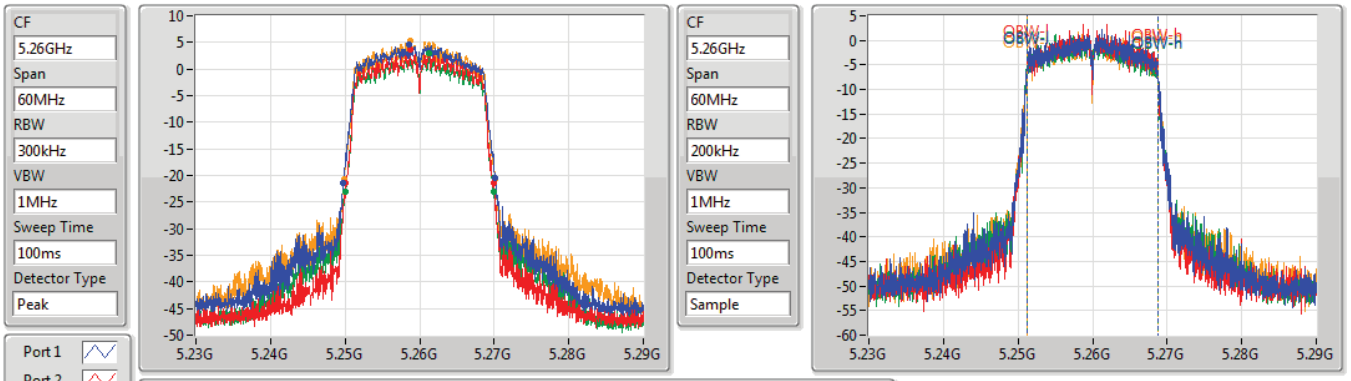


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.558M	5.72501G	5.728568G	500k	1
3.12M	5.725G	5.72812G	3.638M	5.72501G	5.728648G	500k	2
3.14M	5.725G	5.72814G	3.638M	5.72501G	5.728648G	500k	3
3.14M	5.725G	5.72814G	3.718M	5.72501G	5.728728G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

06/05/2019

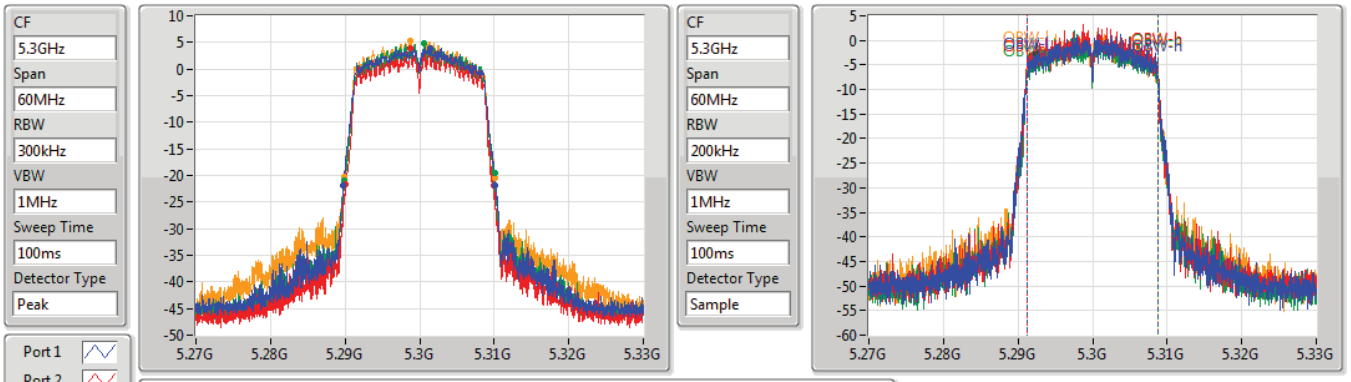


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.24977G	5.27017G	17.541M	5.251184G	5.268726G	Inf	1
19.8M	5.25013G	5.26993G	17.511M	5.251214G	5.268726G	Inf	2
19.92M	5.25001G	5.26993G	17.541M	5.251184G	5.268726G	Inf	3
20.31M	5.24986G	5.27017G	17.571M	5.251154G	5.268726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

06/05/2019

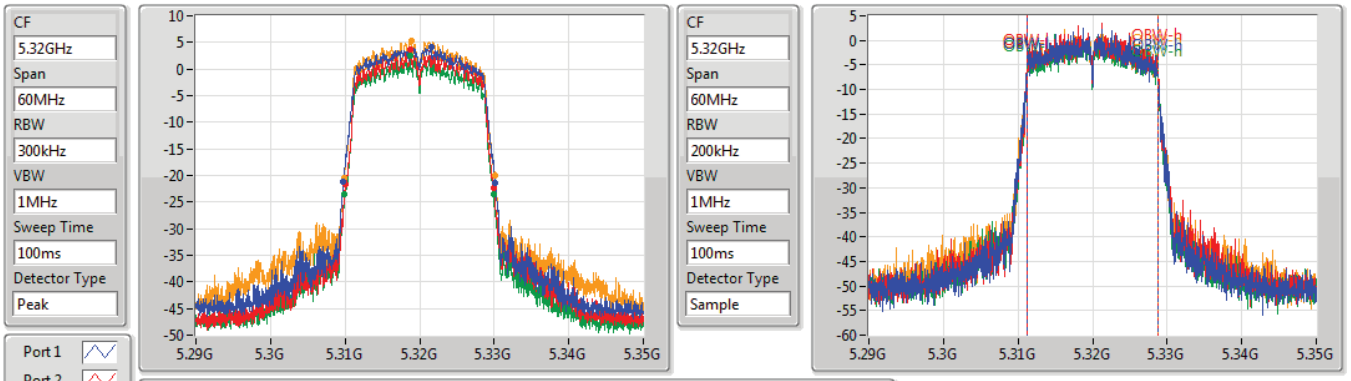


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.28977G	5.31017G	17.541M	5.291184G	5.308726G	Inf	1
19.86M	5.2901G	5.30996G	17.541M	5.291184G	5.308726G	Inf	2
20.13M	5.28995G	5.31008G	17.511M	5.291214G	5.308726G	Inf	3
20.25M	5.28989G	5.31014G	17.541M	5.291184G	5.308726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

06/05/2019

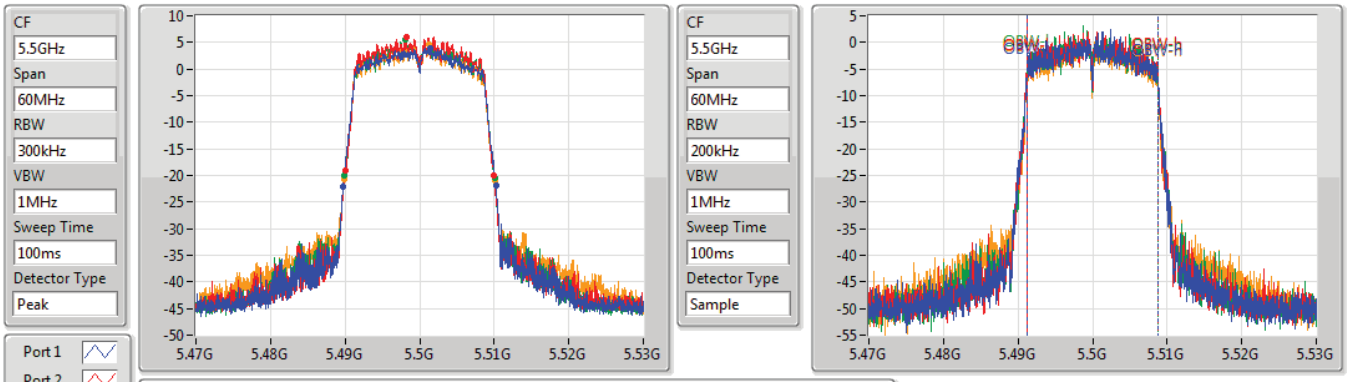


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.30977G	5.33017G	17.541M	5.311184G	5.328726G	Inf	1
19.98M	5.31001G	5.32999G	17.541M	5.311214G	5.328756G	Inf	2
19.98M	5.30995G	5.32993G	17.511M	5.311184G	5.328696G	Inf	3
20.28M	5.30983G	5.33011G	17.571M	5.311154G	5.328726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

06/05/2019

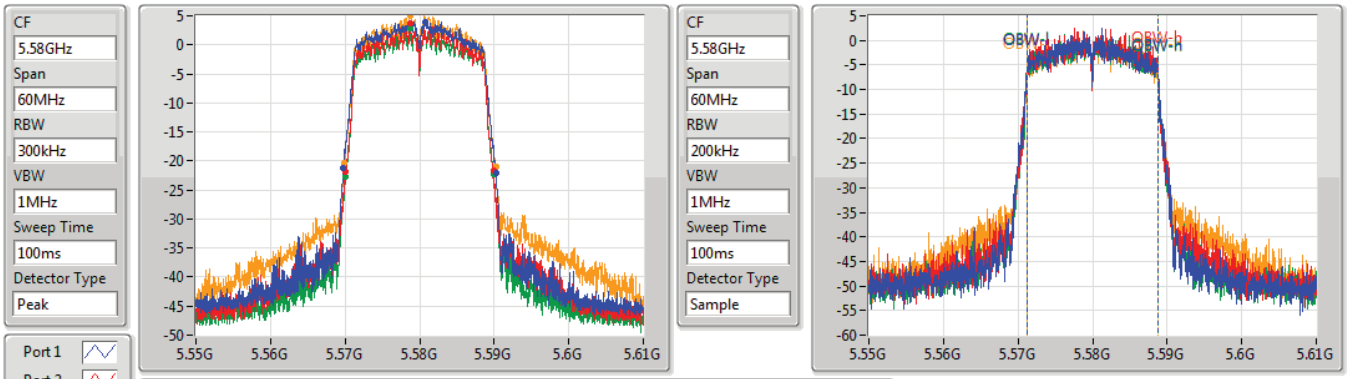


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.48977G	5.51026G	17.601M	5.491154G	5.508756G	Inf	1
19.98M	5.49004G	5.51002G	17.541M	5.491184G	5.508726G	Inf	2
20.1M	5.48995G	5.51005G	17.541M	5.491184G	5.508726G	Inf	3
20.31M	5.48983G	5.51014G	17.541M	5.491184G	5.508726G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

06/05/2019

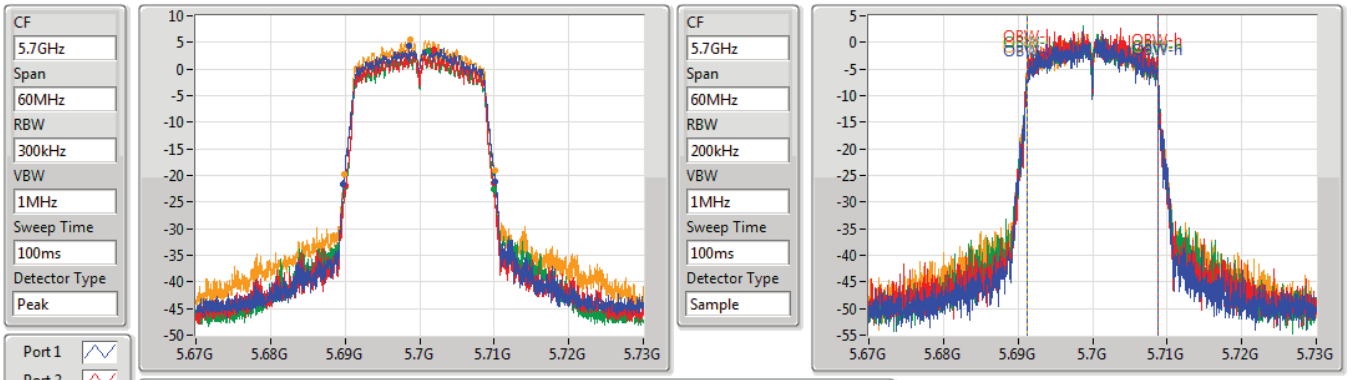


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.5698G	5.5902G	17.541M	5.571184G	5.588726G	Inf	1
19.83M	5.57007G	5.5899G	17.541M	5.571184G	5.588726G	Inf	2
19.86M	5.57007G	5.58993G	17.511M	5.571214G	5.588726G	Inf	3
20.34M	5.56986G	5.5902G	17.571M	5.571184G	5.588756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

06/05/2019

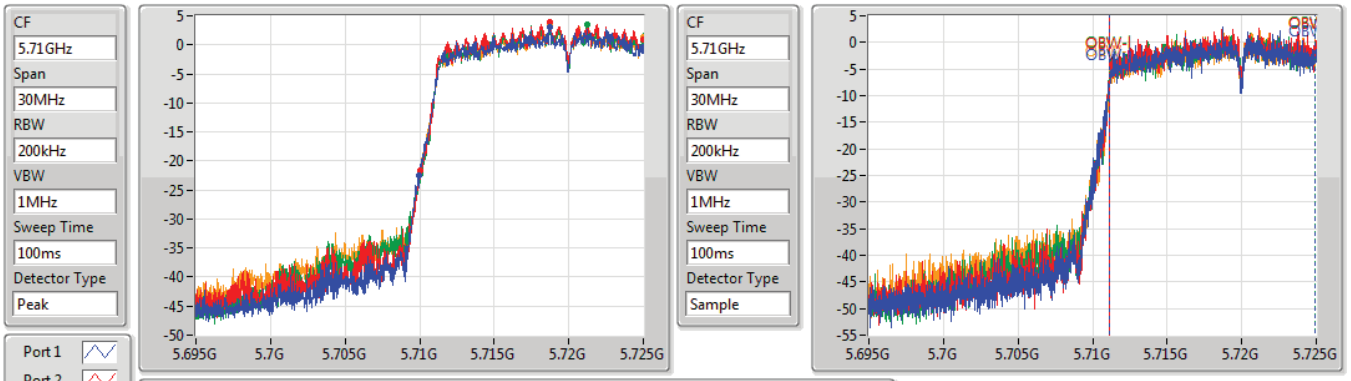


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.68974G	5.71017G	17.541M	5.691184G	5.708726G	Inf	1
19.86M	5.69001G	5.70987G	17.571M	5.691184G	5.708756G	Inf	2
19.89M	5.69007G	5.70996G	17.541M	5.691184G	5.708726G	Inf	3
20.19M	5.68989G	5.71008G	17.601M	5.691154G	5.708756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2019

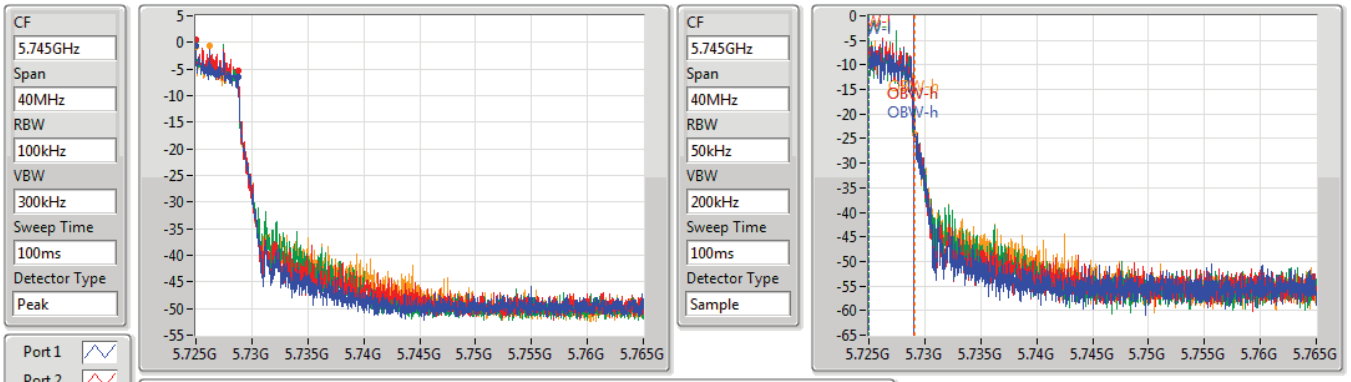


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.045M	5.709955G	5.725G	13.778M	5.711154G	5.724933G	Inf	1
14.97M	5.71003G	5.725G	13.793M	5.711154G	5.724948G	Inf	2
14.985M	5.710015G	5.725G	13.778M	5.711169G	5.724948G	Inf	3
15.045M	5.709955G	5.725G	13.778M	5.711154G	5.724933G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2019

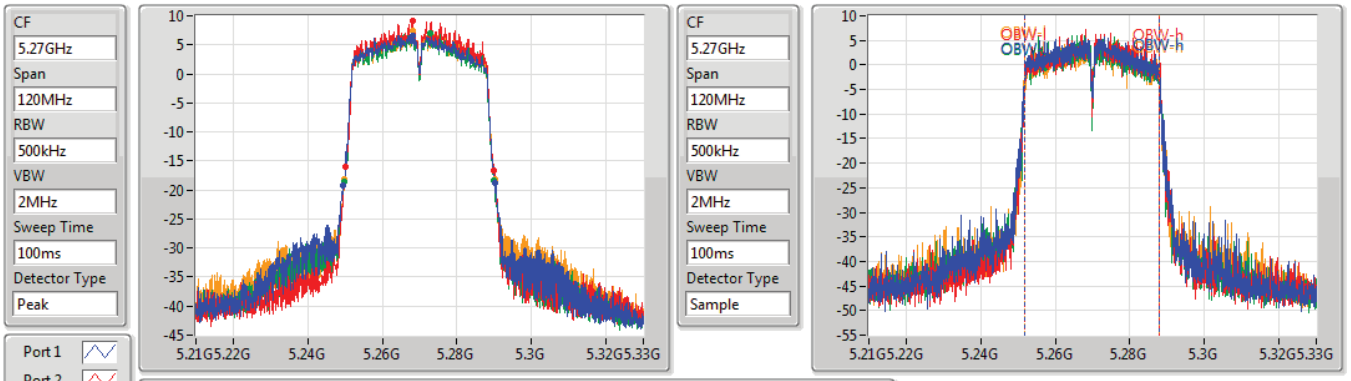


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	4.038M	5.72501G	5.729048G	500k	1
3.76M	5.725G	5.72876G	4.038M	5.72501G	5.729048G	500k	2
3.52M	5.725G	5.72852G	4.038M	5.72501G	5.729048G	500k	3
3.78M	5.725G	5.72878G	4.078M	5.72501G	5.729088G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

06/05/2019

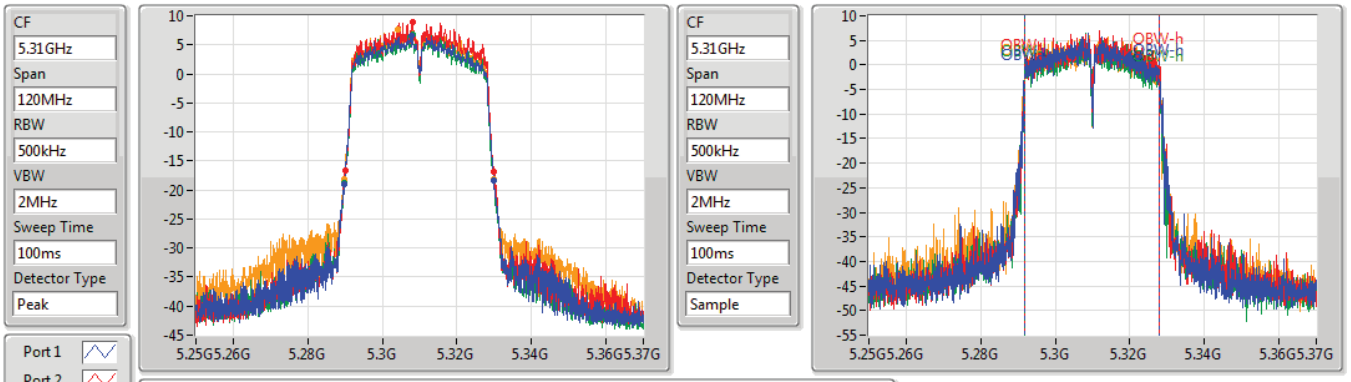


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.2496G	5.29016G	35.982M	5.251889G	5.287871G	Inf	1
39.84M	5.25008G	5.28992G	36.042M	5.251949G	5.287991G	Inf	2
40.26M	5.24978G	5.29004G	35.982M	5.251949G	5.287931G	Inf	3
40.26M	5.24984G	5.2901G	35.922M	5.251949G	5.287871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

06/05/2019

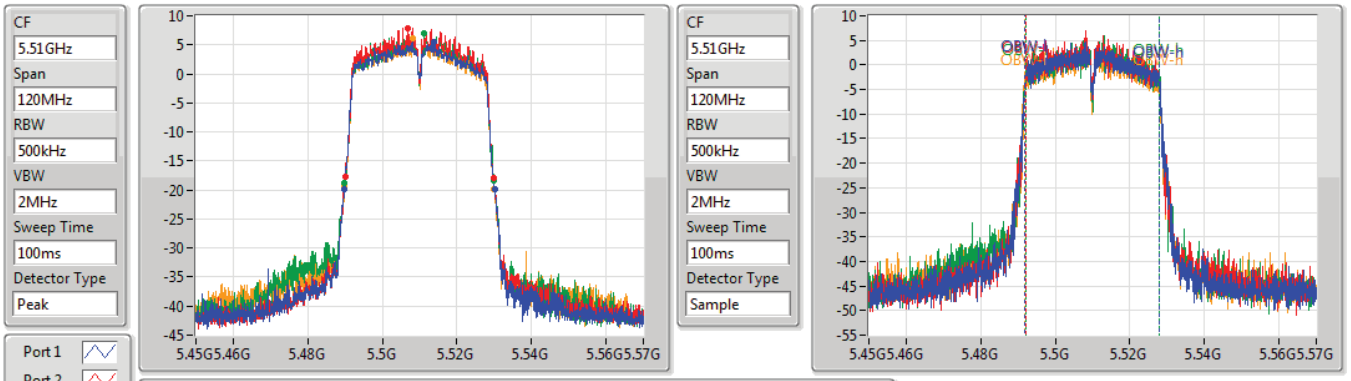


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.28978G	5.32998G	35.982M	5.291949G	5.327931G	Inf	1
39.96M	5.29002G	5.32998G	35.982M	5.291949G	5.327931G	Inf	2
40.38M	5.28966G	5.33004G	36.042M	5.291829G	5.327871G	Inf	3
40.32M	5.28972G	5.33004G	35.982M	5.291829G	5.327811G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

06/05/2019

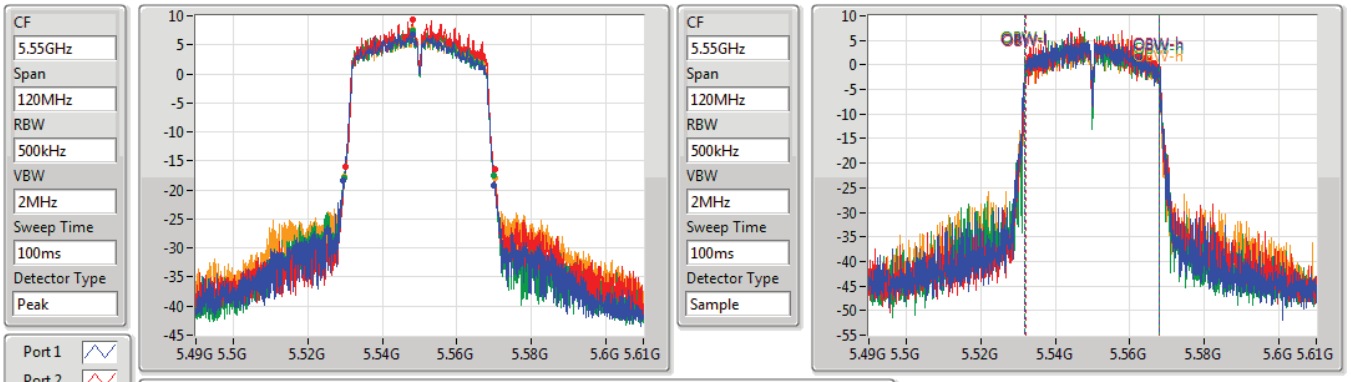


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.32M	5.48978G	5.5301G	36.042M	5.491889G	5.527931G	Inf	1
39.84M	5.48996G	5.5298G	35.862M	5.492009G	5.527871G	Inf	2
40.14M	5.48978G	5.52992G	35.862M	5.492009G	5.527871G	Inf	3
40.26M	5.48978G	5.53004G	35.862M	5.491949G	5.527811G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

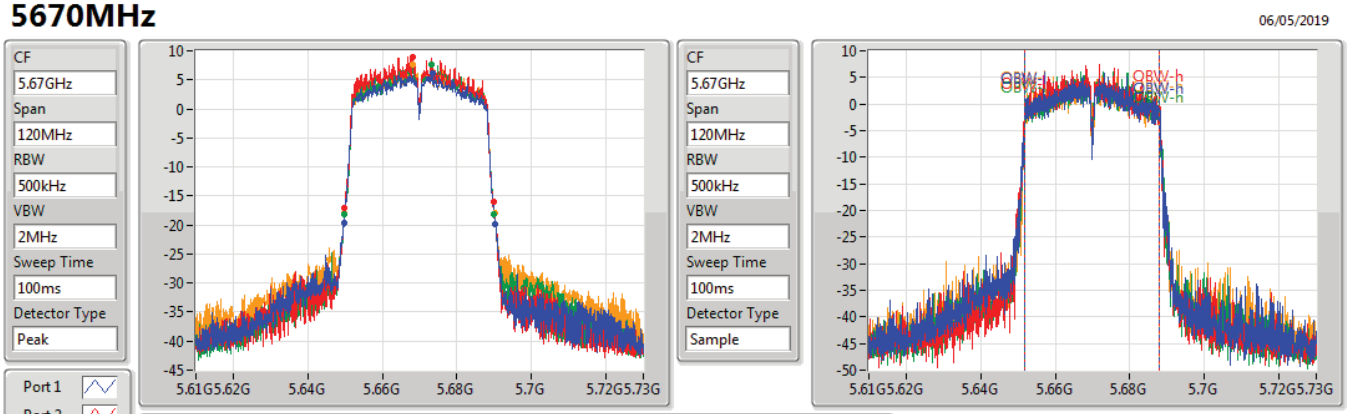
06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.44M	5.5296G	5.57004G	35.982M	5.531889G	5.567871G	Inf	1
40.02M	5.53008G	5.5701G	35.922M	5.532009G	5.567931G	Inf	2
40.08M	5.52978G	5.56986G	35.982M	5.531889G	5.567871G	Inf	3
40.32M	5.52984G	5.57016G	35.982M	5.531889G	5.567871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

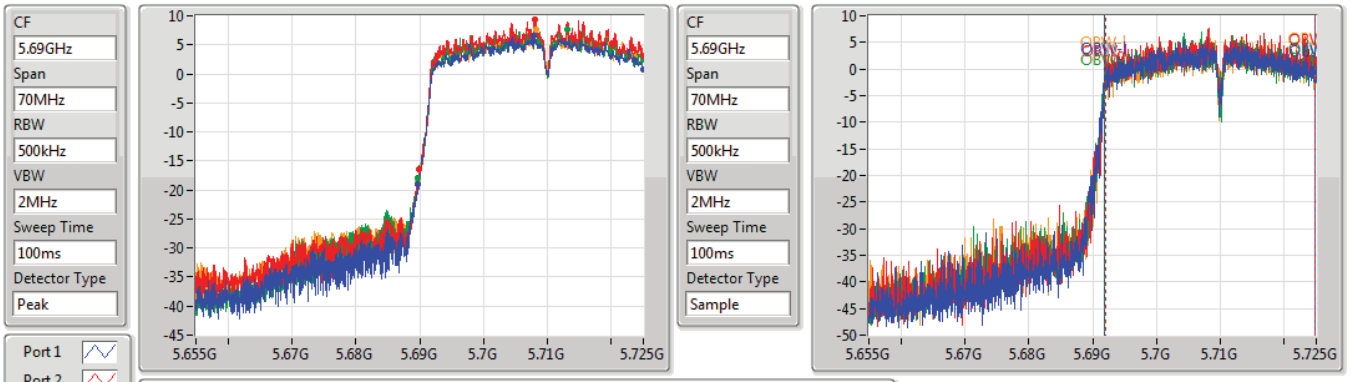
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.64966G	5.69034G	35.982M	5.651949G	5.687931G	Inf	1
39.96M	5.64984G	5.6898G	35.922M	5.651949G	5.687871G	Inf	2
40.2M	5.64984G	5.69004G	35.982M	5.651949G	5.687931G	Inf	3
40.32M	5.64984G	5.69016G	35.982M	5.651949G	5.687931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

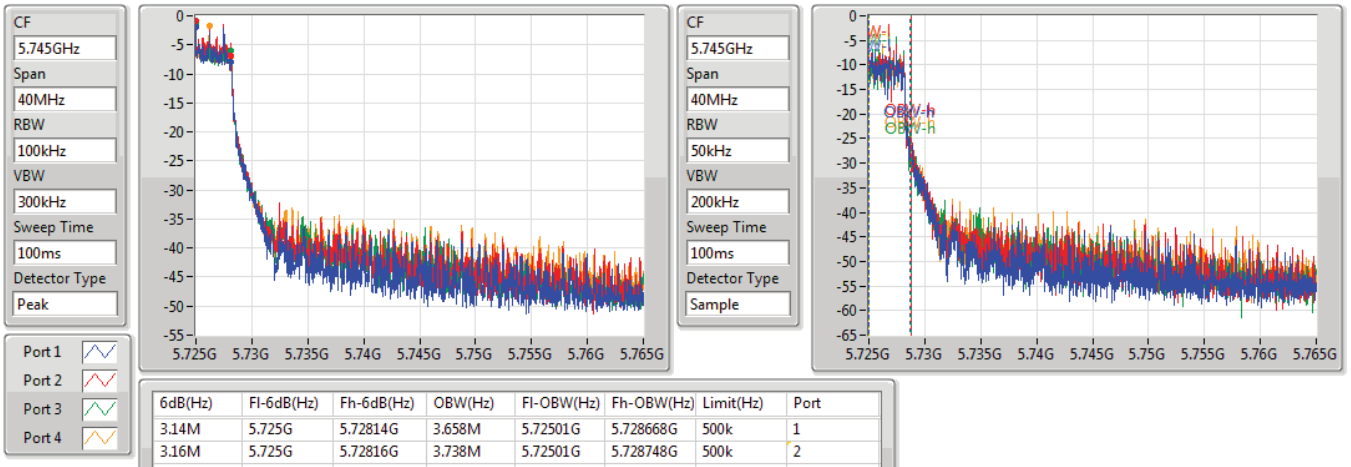


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	32.814M	5.691924G	5.724738G	Inf	1
35.035M	5.689965G	5.725G	32.779M	5.691959G	5.724738G	Inf	2
35.21M	5.68979G	5.725G	32.814M	5.691924G	5.724738G	Inf	3
35.21M	5.68979G	5.725G	32.849M	5.691924G	5.724773G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

06/05/2019

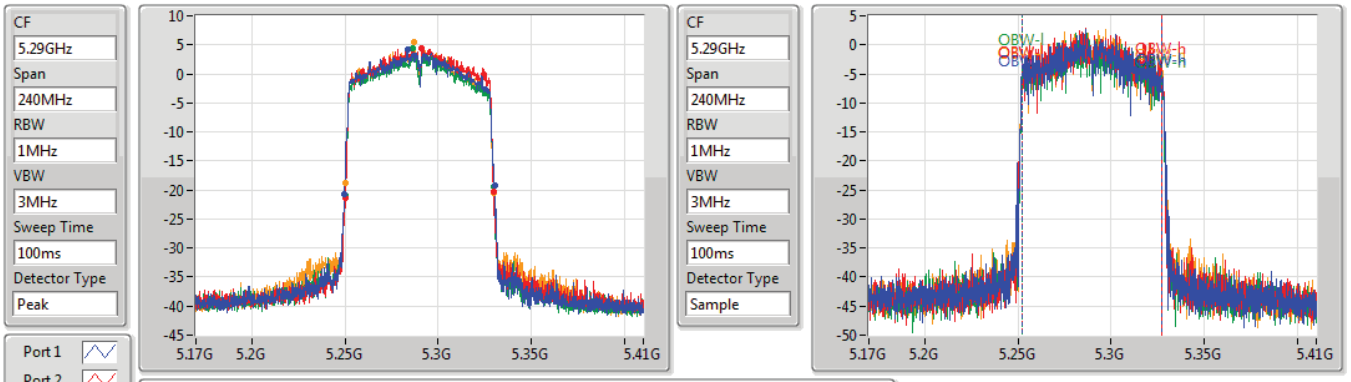


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.14M	5.725G	5.72814G	3.658M	5.72501G	5.728668G	500k	1
3.16M	5.725G	5.72816G	3.738M	5.72501G	5.728748G	500k	2
3.12M	5.725G	5.72812G	3.738M	5.72501G	5.728748G	500k	3
3.14M	5.725G	5.72814G	3.818M	5.72501G	5.728828G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

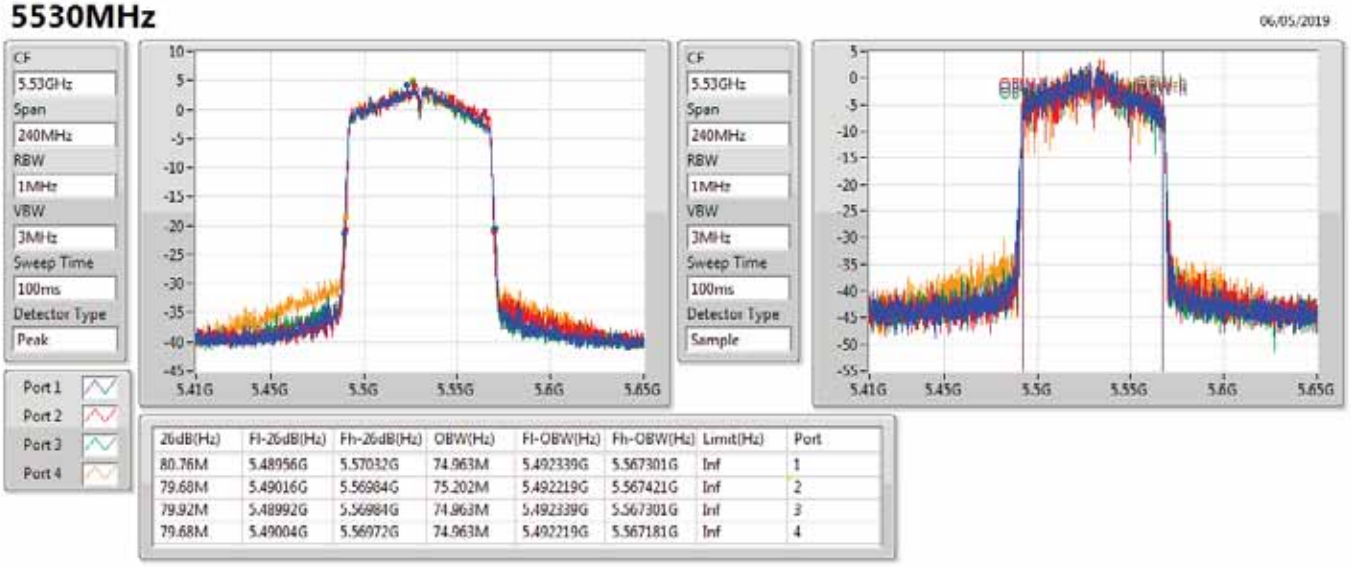
06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.24944G	5.3302G	75.202M	5.252219G	5.327421G	Inf	1
79.44M	5.25016G	5.3296G	74.843M	5.252459G	5.327301G	Inf	2
79.8M	5.24992G	5.32972G	74.963M	5.252219G	5.327181G	Inf	3
79.56M	5.25016G	5.32972G	75.082M	5.252339G	5.327421G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

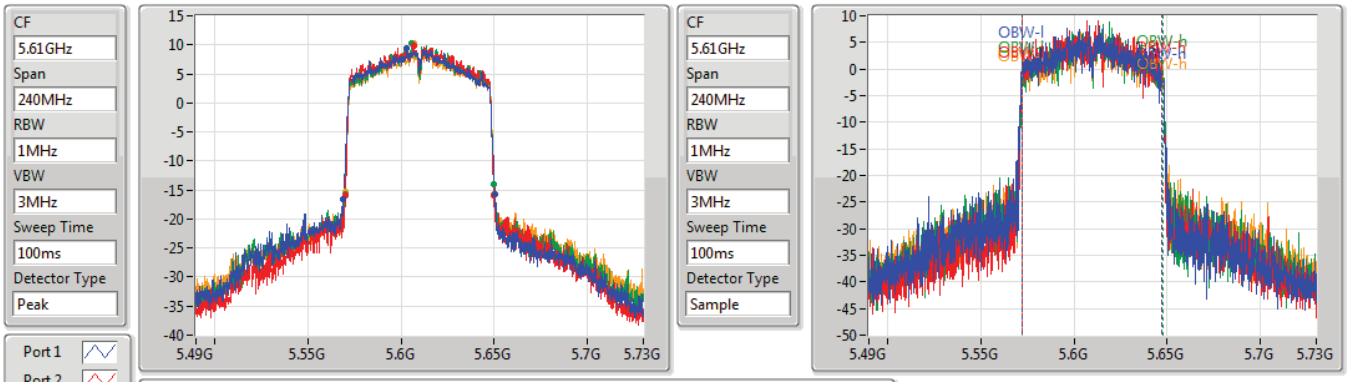
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.48956G	5.57032G	74.963M	5.492339G	5.567301G	Inf	1
79.68M	5.49016G	5.56984G	75.202M	5.492219G	5.567421G	Inf	2
79.92M	5.489992G	5.56984G	74.963M	5.492339G	5.567301G	Inf	3
79.68M	5.49004G	5.56972G	74.963M	5.492219G	5.567181G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

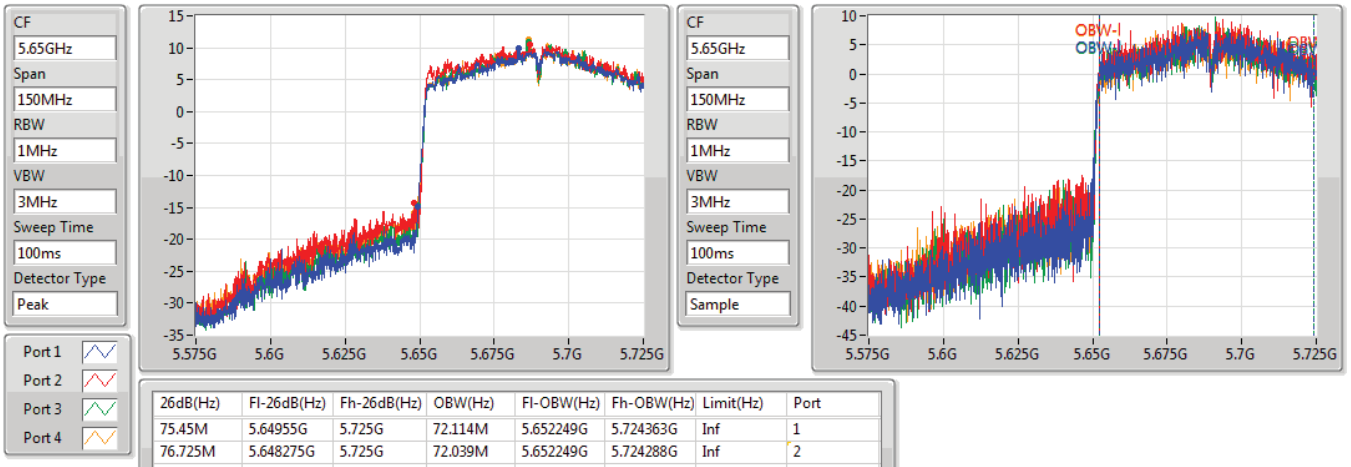


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.5692G	5.65068G	75.322M	5.572099G	5.647421G	Inf	1
79.56M	5.57016G	5.64972G	74.843M	5.572459G	5.647301G	Inf	2
80.04M	5.56992G	5.64996G	75.082M	5.572459G	5.647541G	Inf	3
80.04M	5.56992G	5.64996G	75.202M	5.572339G	5.647541G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

06/05/2019

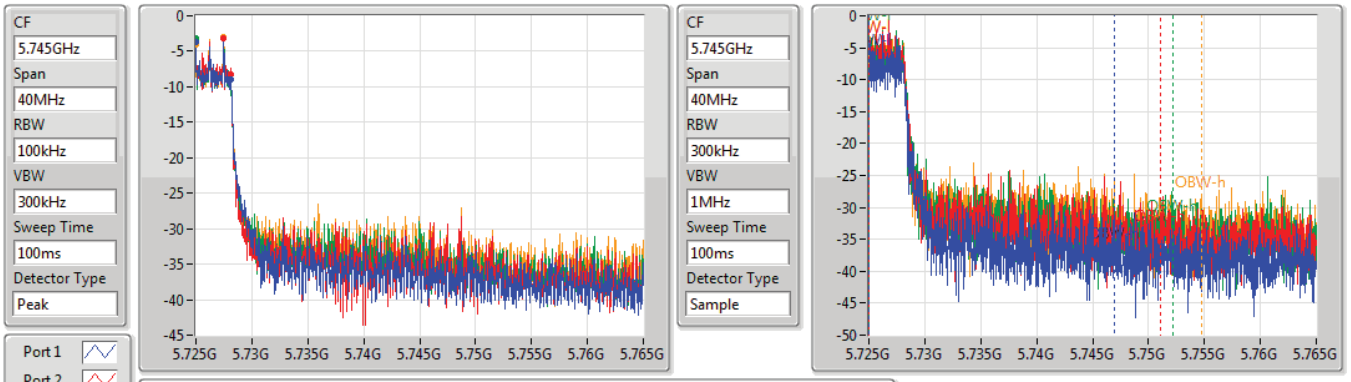


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.45M	5.64955G	5.725G	72.114M	5.652249G	5.724363G	Inf	1
76.725M	5.648275G	5.725G	72.039M	5.652249G	5.724288G	Inf	2
75.45M	5.64955G	5.725G	71.889M	5.652399G	5.724288G	Inf	3
76.05M	5.64895G	5.725G	71.889M	5.652399G	5.724288G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

06/05/2019

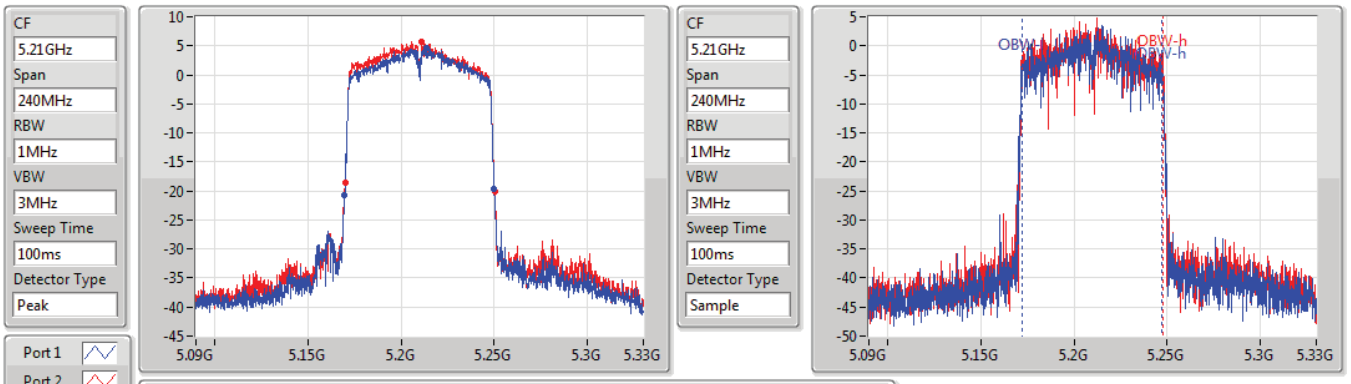


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	21.909M	5.72501G	5.746919G	500k	1
3.14M	5.725G	5.72814G	26.047M	5.72501G	5.751057G	500k	2
3.14M	5.725G	5.72814G	27.206M	5.72501G	5.752216G	500k	3
3.14M	5.725G	5.72814G	29.685M	5.72501G	5.754695G	500k	4

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2) EBW

#5210MHz,5290MHz

06/05/2019

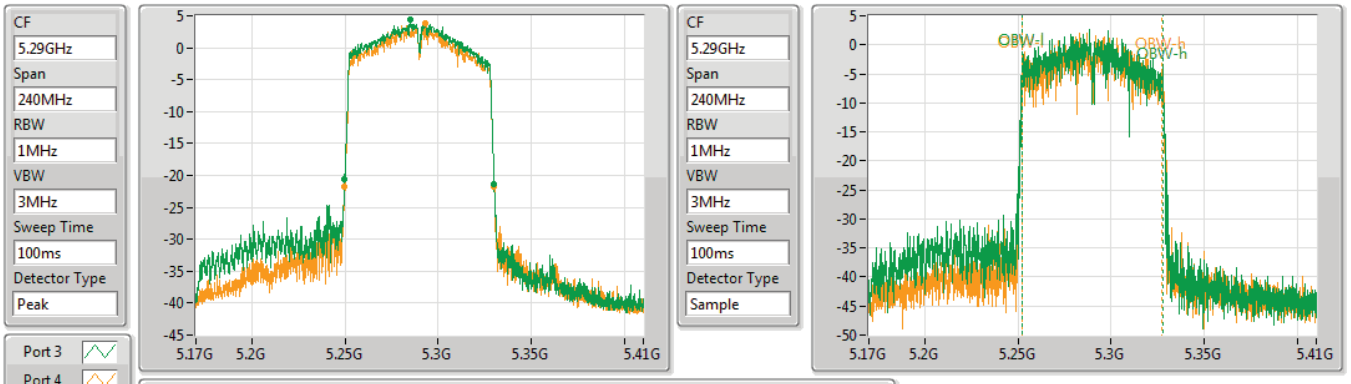


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.16968G	5.25008G	75.322M	5.172099G	5.247421G	Inf	1
80.28M	5.16992G	5.2502G	75.442M	5.172099G	5.247541G	Inf	2

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4) EBW

5210MHz,#5290MHz

06/05/2019

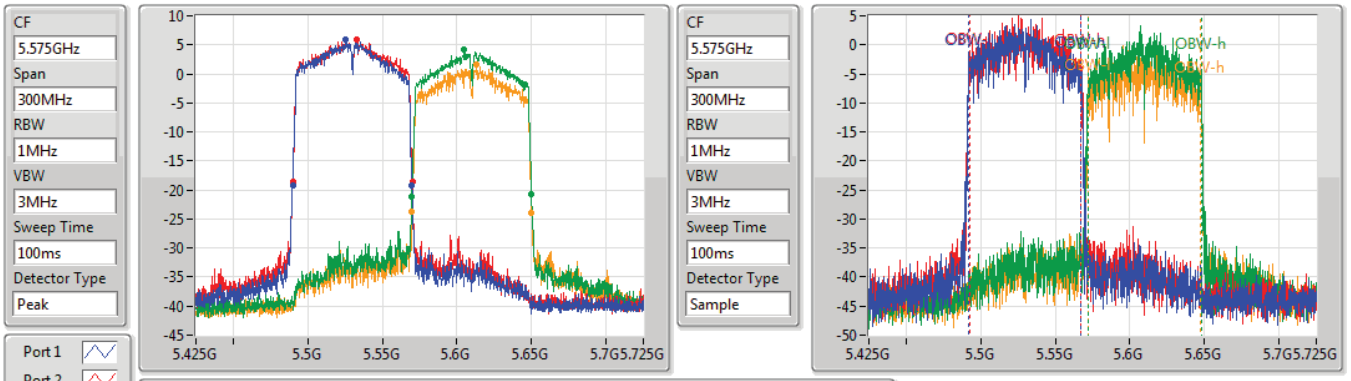


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.4M	5.24968G	5.33008G	75.442M	5.252099G	5.327541G	Inf	3
80.28M	5.2498G	5.33008G	75.202M	5.252219G	5.327421G	Inf	4

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

#5530MHz,#5610MHz

06/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.1M	5.4898G	5.5699G	75.112M	5.492241G	5.567354G	Inf	1
80.4M	5.4898G	5.5702G	74.963M	5.492391G	5.567354G	Inf	2
80.1M	5.5699G	5.65G	75.562M	5.572151G	5.647714G	Inf	3
80.4M	5.56975G	5.65015G	75.412M	5.572151G	5.647564G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	87.12M	75.562M	75M6D1D	81.72M	74.843M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.7M	17.721M	17M7D1D	20.49M	17.631M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.22M	36.282M	36M3D1D	40.8M	36.102M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.84M	75.802M	75M8D1D	81.6M	75.802M
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	150M	75.442M	75M4D1D	127.68M	75.322M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.73M	17.721M	17M7D1D	15.135M	13.838M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.28M	36.282M	36M3D1D	35.385M	32.884M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.08M	76.042M	76M0D1D	75.75M	72.564M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	166.35M	75.562M	75M6D1D	79.35M	74.963M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.84M	4.098M	4M10D1D	3.76M	4.058M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.26M	3.898M	3M90D1D	3.16M	3.658M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.24M	4.418M	4M42D1D	3.2M	3.818M

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

Result

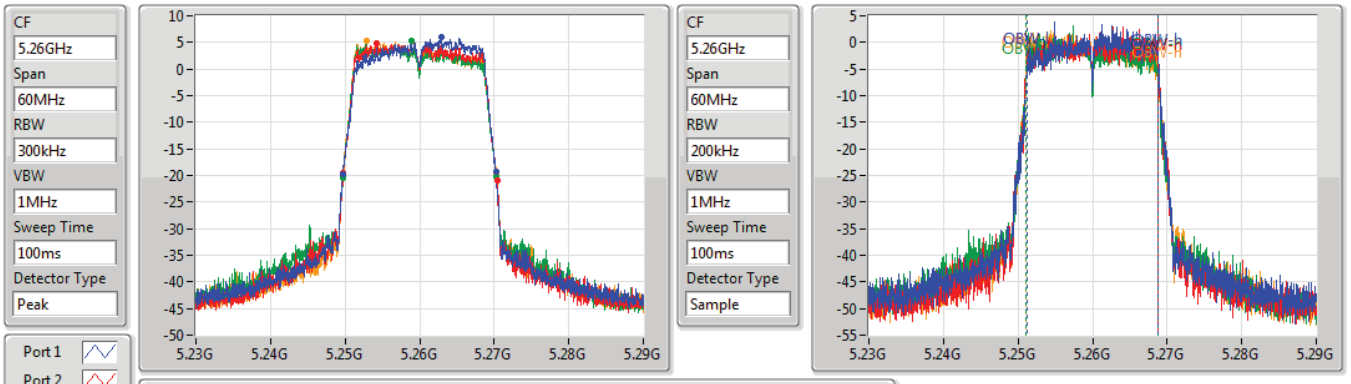
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.49M	17.631M	20.64M	17.691M	20.58M	17.691M	20.64M	17.721M
5300MHz	Pass	Inf	20.61M	17.691M	20.52M	17.631M	20.55M	17.691M	20.58M	17.661M
5320MHz	Pass	Inf	20.64M	17.691M	20.64M	17.661M	20.7M	17.661M	20.49M	17.661M
5500MHz	Pass	Inf	20.64M	17.691M	20.67M	17.721M	20.55M	17.691M	20.58M	17.691M
5580MHz	Pass	Inf	20.64M	17.691M	20.7M	17.661M	20.58M	17.661M	20.58M	17.721M
5700MHz	Pass	Inf	20.61M	17.721M	20.55M	17.661M	20.58M	17.661M	20.73M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.195M	13.838M	15.135M	13.853M	15.135M	13.868M	15.135M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.058M	3.78M	4.078M	3.76M	4.098M	3.84M	4.078M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.04M	36.162M	40.86M	36.222M	40.98M	36.162M	41.04M	36.102M
5310MHz	Pass	Inf	40.98M	36.162M	40.8M	36.222M	41.22M	36.282M	41.04M	36.162M
5510MHz	Pass	Inf	40.98M	36.102M	41.16M	36.222M	41.1M	36.102M	40.74M	36.102M
5550MHz	Pass	Inf	40.8M	36.162M	41.04M	36.282M	41.1M	36.162M	40.8M	36.222M
5670MHz	Pass	Inf	40.98M	36.222M	40.74M	36.222M	41.28M	36.162M	41.22M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	32.919M	35.385M	32.919M	35.595M	32.884M	35.595M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	3.658M	3.16M	3.738M	3.18M	3.778M	3.18M	3.898M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	75.802M	81.6M	75.802M	81.84M	75.802M	81.72M	75.802M
5530MHz	Pass	Inf	81.72M	76.042M	82.08M	75.922M	81.6M	75.802M	81.6M	75.802M
5610MHz	Pass	Inf	81.72M	75.682M	81.6M	75.922M	81.84M	75.802M	81.72M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	72.714M	75.9M	72.639M	75.9M	72.564M	75.75M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.818M	3.22M	3.938M	3.2M	3.998M	3.24M	4.418M
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	87.12M	74.843M	81.72M	75.562M				
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf					150M	75.442M	127.68M	75.322M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	79.35M	74.963M	80.1M	75.262M	106.95M	75.112M	166.35M	75.562M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

04/05/2019

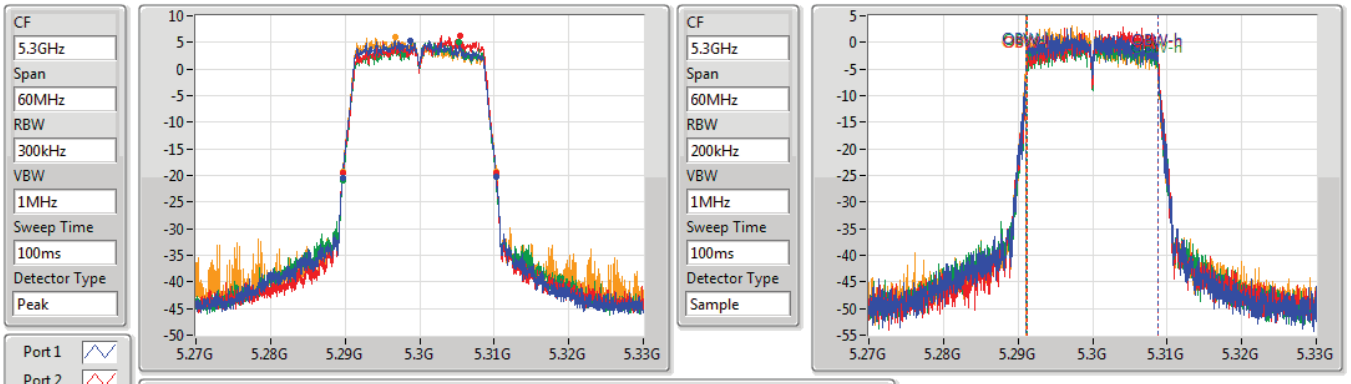


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.24971G	5.2702G	17.631M	5.251214G	5.268846G	Inf	1
20.64M	5.24974G	5.27038G	17.691M	5.251154G	5.268846G	Inf	2
20.58M	5.24968G	5.27026G	17.691M	5.251064G	5.268756G	Inf	3
20.64M	5.24968G	5.27032G	17.721M	5.251064G	5.268786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

04/05/2019

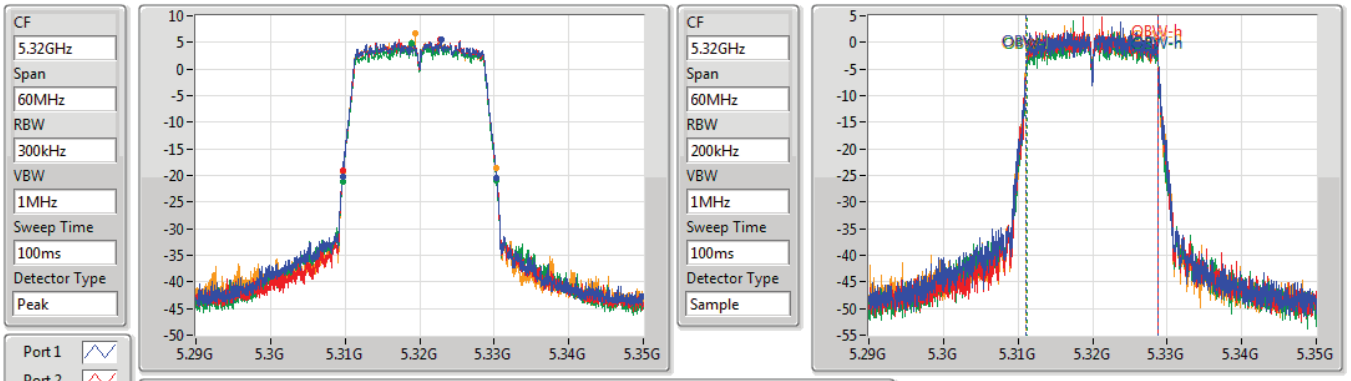


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.28965G	5.31026G	17.691M	5.291094G	5.308786G	Inf	1
20.52M	5.28971G	5.31023G	17.631M	5.291214G	5.308846G	Inf	2
20.55M	5.28971G	5.31026G	17.691M	5.291154G	5.308846G	Inf	3
20.58M	5.28971G	5.31029G	17.661M	5.291094G	5.308756G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

04/05/2019

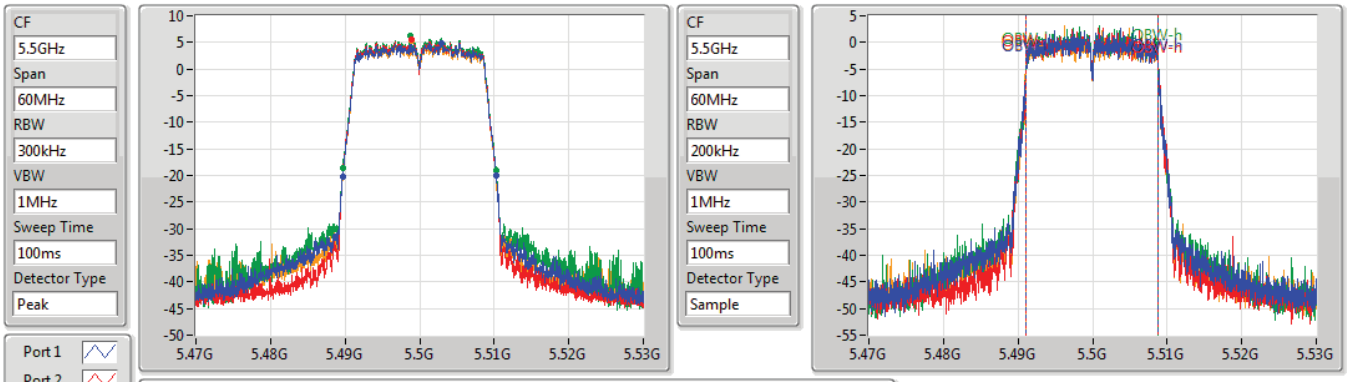


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.30965G	5.33029G	17.691M	5.311124G	5.328816G	Inf	1
20.64M	5.30971G	5.33035G	17.661M	5.311124G	5.328786G	Inf	2
20.7M	5.30965G	5.33035G	17.661M	5.311154G	5.328816G	Inf	3
20.49M	5.30971G	5.3302G	17.661M	5.311124G	5.328786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

04/05/2019

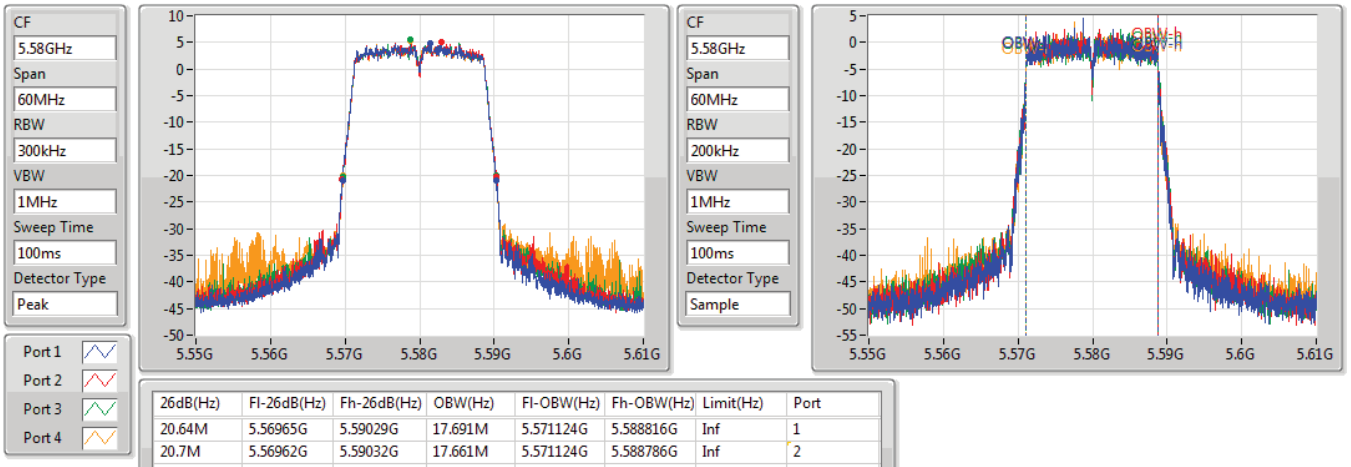


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.48965G	5.51029G	17.691M	5.491124G	5.508816G	Inf	1
20.67M	5.48965G	5.51032G	17.721M	5.491094G	5.508816G	Inf	2
20.55M	5.48971G	5.51026G	17.691M	5.491124G	5.508816G	Inf	3
20.58M	5.48968G	5.51026G	17.691M	5.491124G	5.508816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

04/05/2019

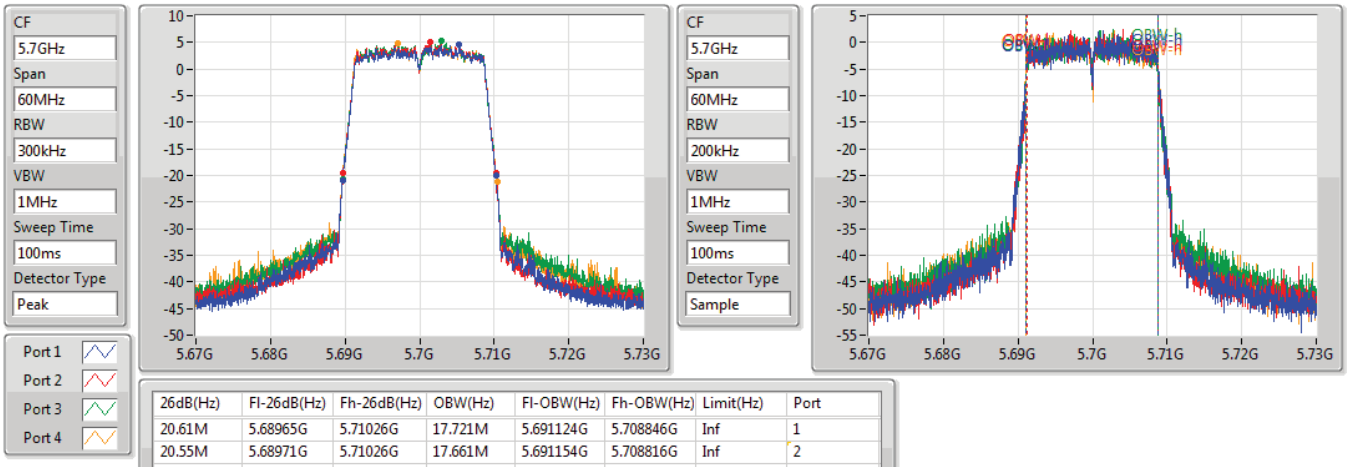


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.56965G	5.59029G	17.691M	5.571124G	5.588816G	Inf	1
20.7M	5.56962G	5.59032G	17.661M	5.571124G	5.588786G	Inf	2
20.58M	5.56968G	5.59026G	17.661M	5.571124G	5.588786G	Inf	3
20.58M	5.56971G	5.59029G	17.721M	5.571094G	5.588816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

04/05/2019

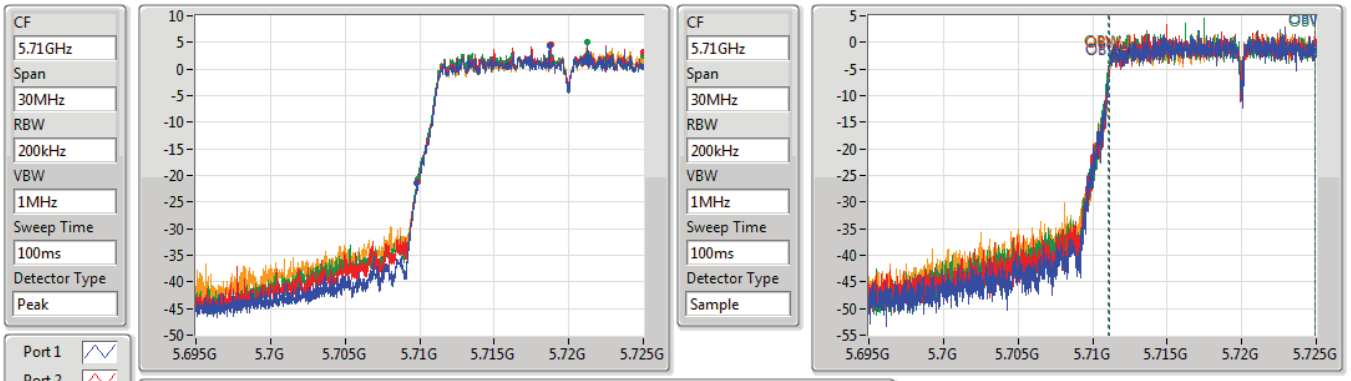


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.68965G	5.71026G	17.721M	5.691124G	5.708846G	Inf	1
20.55M	5.68971G	5.71026G	17.661M	5.691154G	5.708816G	Inf	2
20.58M	5.68968G	5.71026G	17.661M	5.691124G	5.708786G	Inf	3
20.73M	5.68965G	5.71038G	17.721M	5.691124G	5.708846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/05/2019

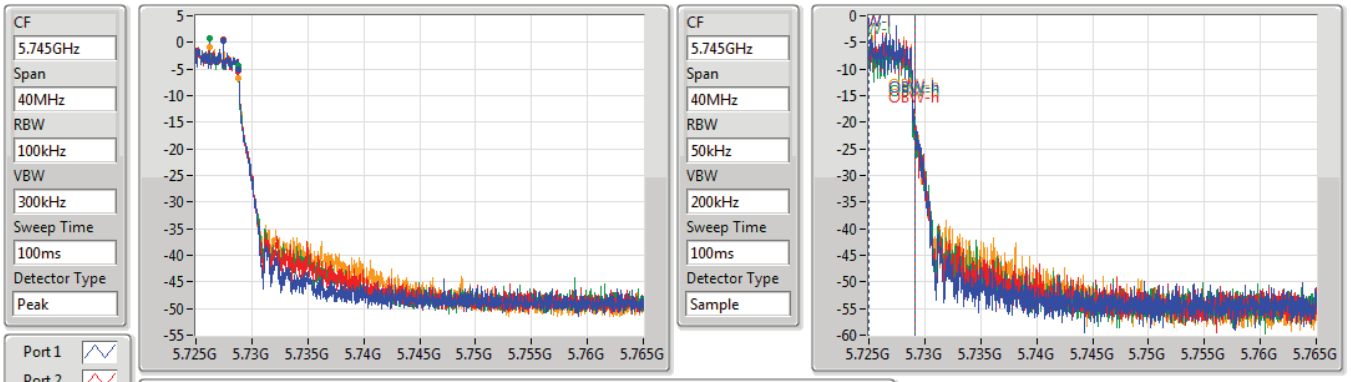


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.195M	5.709805G	5.725G	13.838M	5.711094G	5.724933G	Inf	1
15.135M	5.709865G	5.725G	13.853M	5.711094G	5.724948G	Inf	2
15.135M	5.709865G	5.725G	13.868M	5.711064G	5.724933G	Inf	3
15.135M	5.709865G	5.725G	13.838M	5.711094G	5.724933G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/05/2019

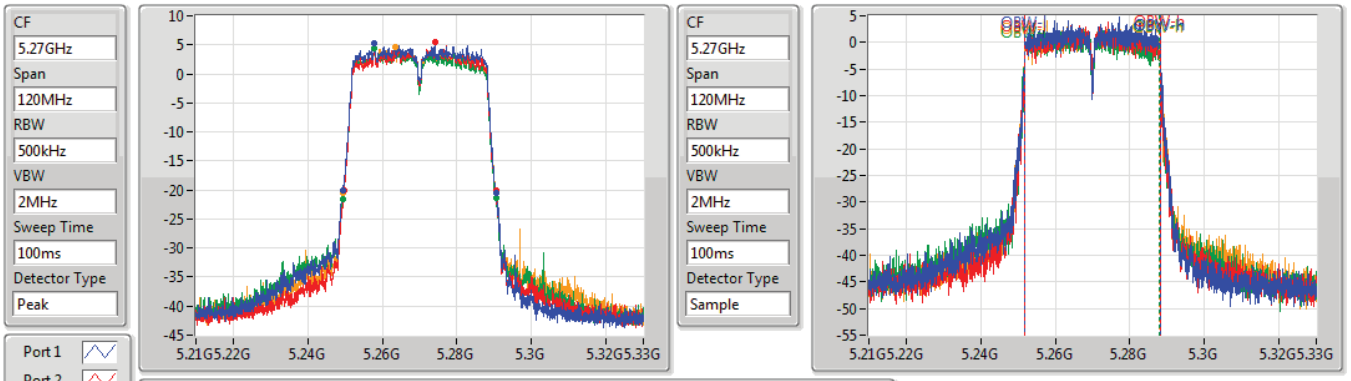


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.058M	5.72501G	5.729068G	500k	1
3.78M	5.725G	5.72878G	4.078M	5.72501G	5.729088G	500k	2
3.76M	5.725G	5.72876G	4.098M	5.72501G	5.729108G	500k	3
3.84M	5.725G	5.72884G	4.078M	5.72501G	5.729088G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

04/05/2019

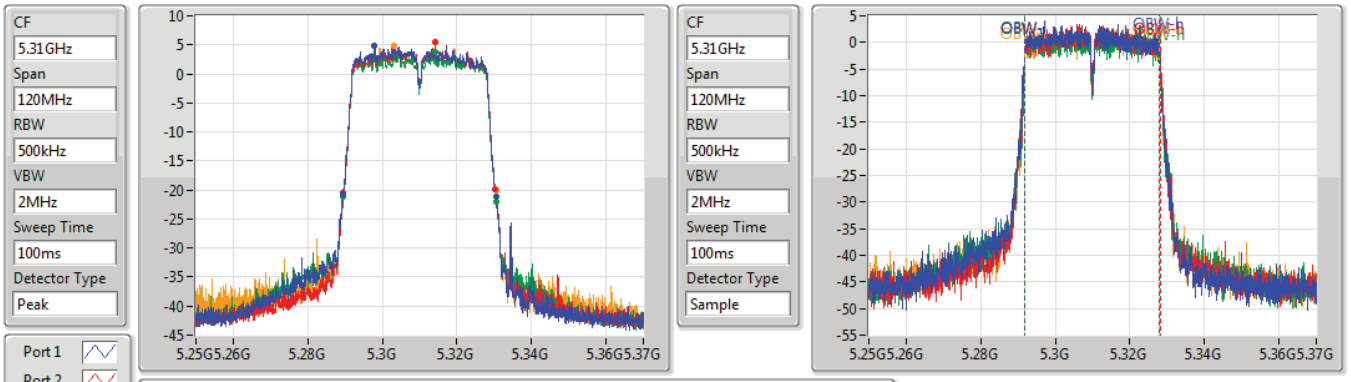


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.24936G	5.2904G	36.162M	5.251889G	5.288051G	Inf	1
40.86M	5.24966G	5.29052G	36.222M	5.251829G	5.288051G	Inf	2
40.98M	5.24948G	5.29046G	36.162M	5.251829G	5.287991G	Inf	3
41.04M	5.24948G	5.29052G	36.102M	5.251889G	5.287991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

04/05/2019

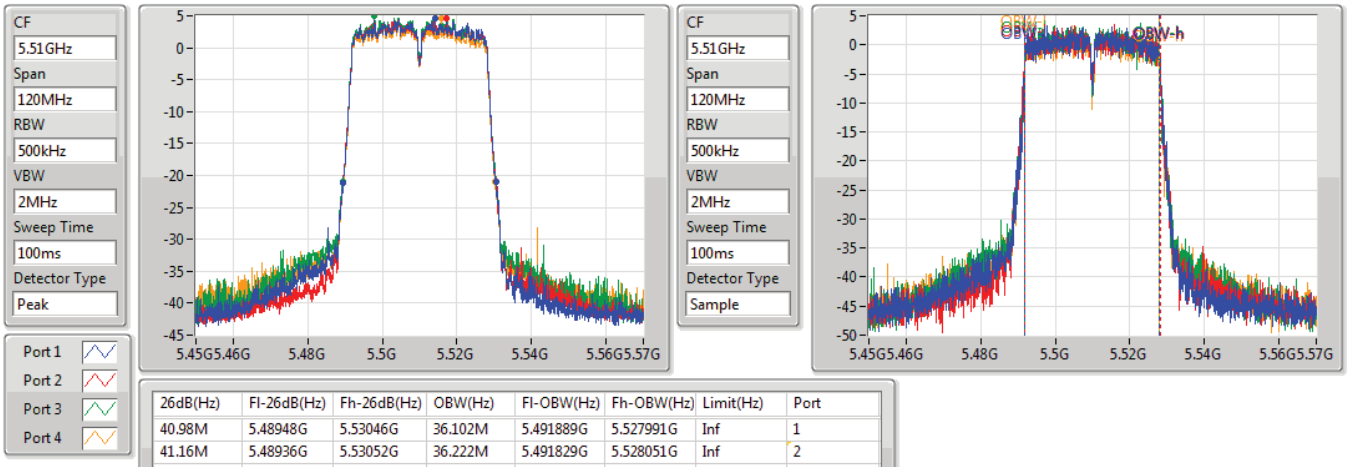


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.28948G	5.33046G	36.162M	5.291829G	5.327991G	Inf	1
40.8M	5.28948G	5.33028G	36.222M	5.291829G	5.328051G	Inf	2
41.22M	5.28948G	5.3307G	36.282M	5.291829G	5.328111G	Inf	3
41.04M	5.28942G	5.33046G	36.162M	5.291829G	5.327991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

04/05/2019

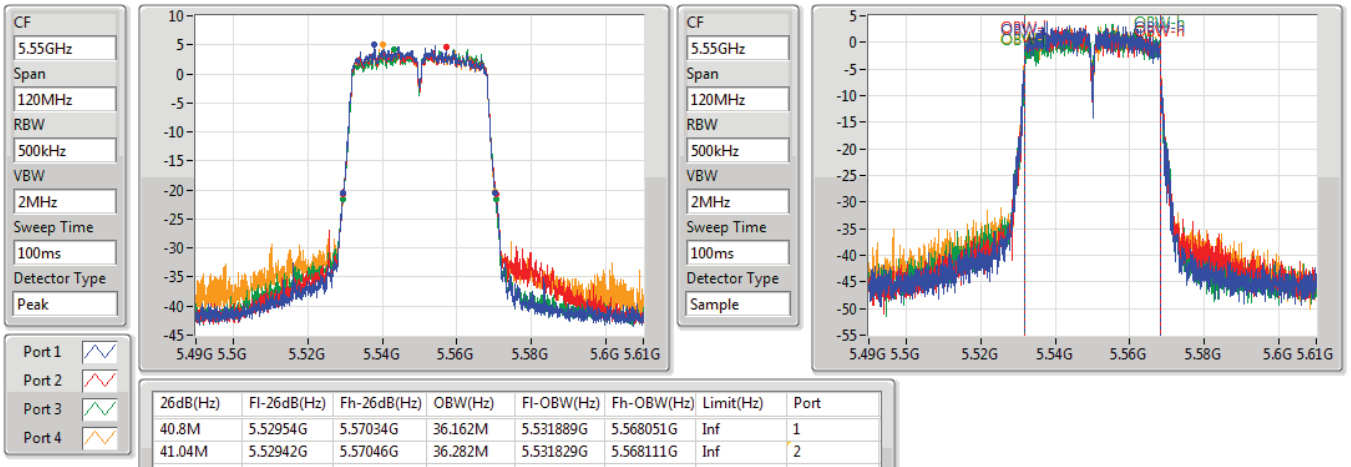


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.48948G	5.53046G	36.102M	5.491889G	5.527991G	Inf	1
41.16M	5.48936G	5.53052G	36.222M	5.491829G	5.528051G	Inf	2
41.1M	5.48942G	5.53052G	36.102M	5.491889G	5.527991G	Inf	3
40.74M	5.48954G	5.53028G	36.102M	5.491889G	5.527991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

04/05/2019

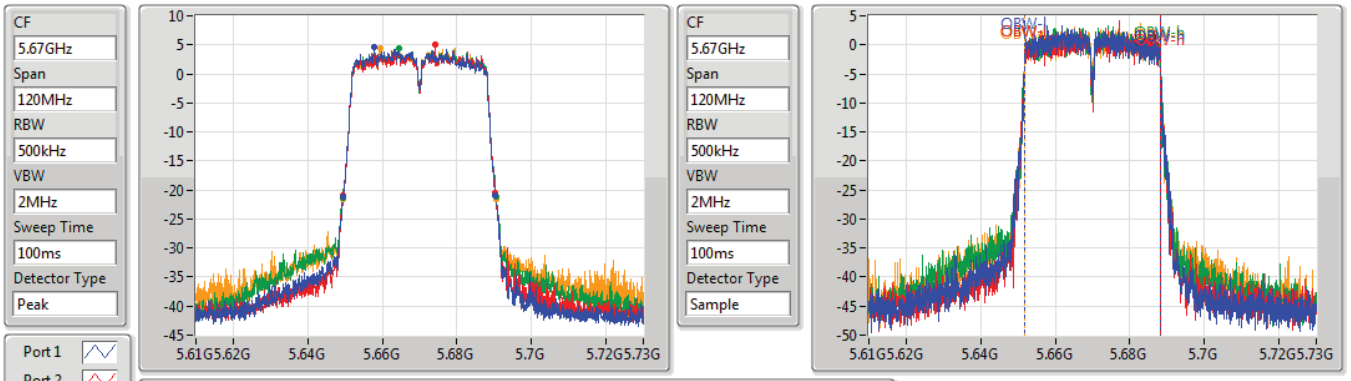


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.52954G	5.57034G	36.162M	5.531889G	5.568051G	Inf	1
41.04M	5.52942G	5.57046G	36.282M	5.531829G	5.568111G	Inf	2
41.1M	5.5293G	5.5704G	36.162M	5.531889G	5.568051G	Inf	3
40.8M	5.52948G	5.57028G	36.222M	5.531829G	5.568051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

04/05/2019

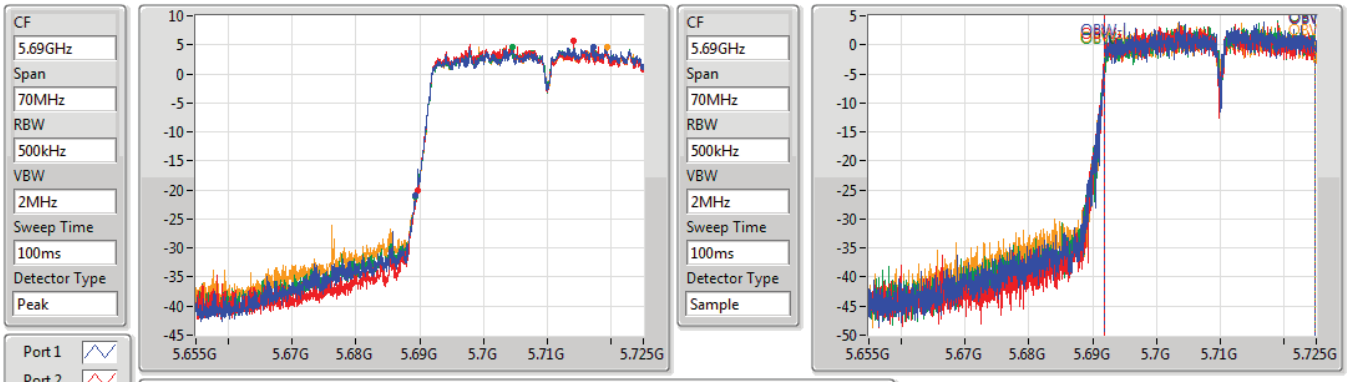


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.64936G	5.69034G	36.222M	5.651829G	5.688051G	Inf	1
40.74M	5.6496G	5.69034G	36.222M	5.651829G	5.688051G	Inf	2
41.28M	5.64936G	5.69064G	36.162M	5.651889G	5.688051G	Inf	3
41.22M	5.64942G	5.69064G	36.222M	5.651889G	5.688111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/05/2019

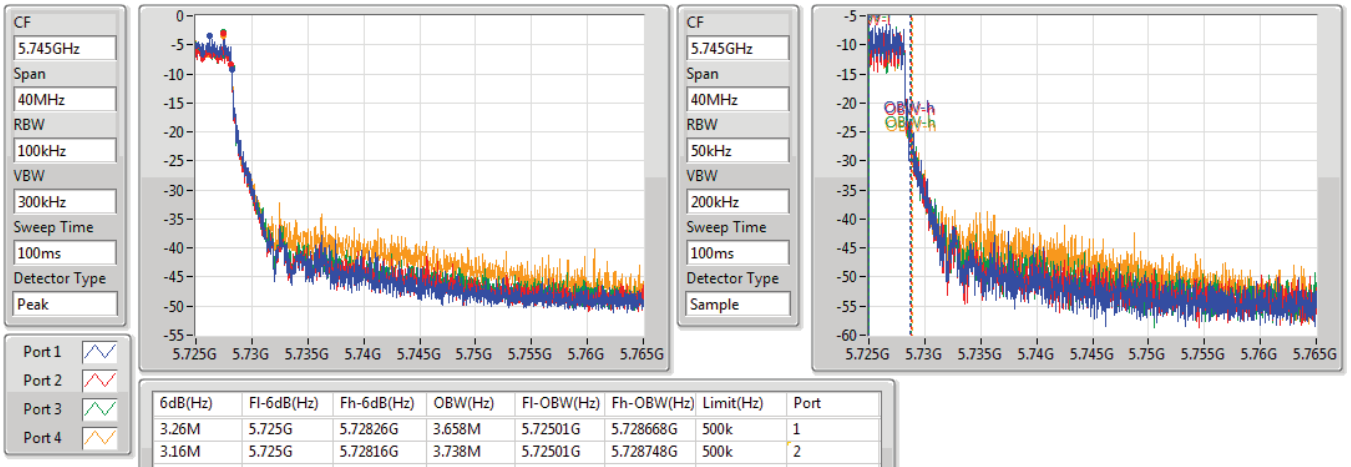


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.665M	5.689335G	5.725G	32.919M	5.691889G	5.724808G	Inf	1
35.385M	5.689615G	5.725G	32.919M	5.691854G	5.724773G	Inf	2
35.595M	5.689405G	5.725G	32.884M	5.691924G	5.724808G	Inf	3
35.595M	5.689405G	5.725G	32.919M	5.691854G	5.724773G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/05/2019

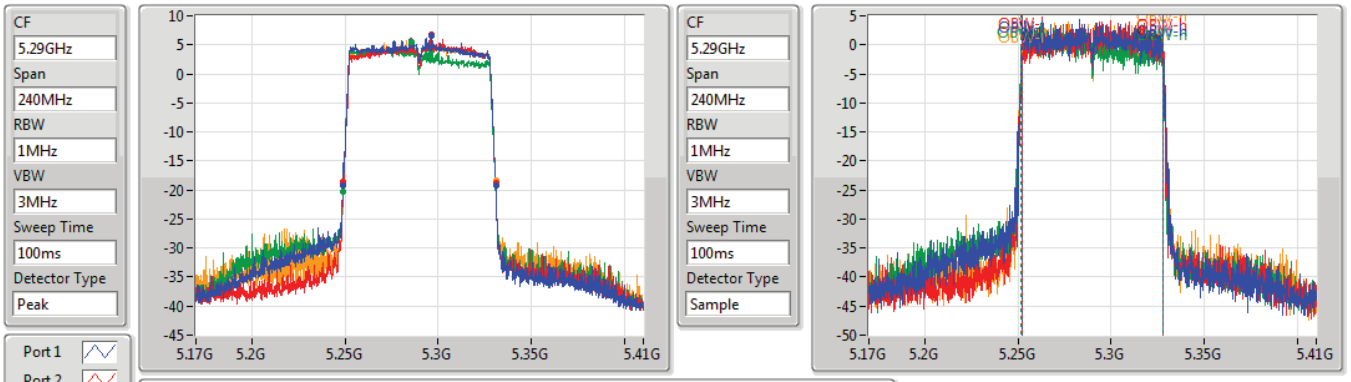


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.26M	5.725G	5.72826G	3.658M	5.72501G	5.728668G	500k	1
3.16M	5.725G	5.72816G	3.738M	5.72501G	5.728748G	500k	2
3.18M	5.725G	5.72818G	3.778M	5.72501G	5.728788G	500k	3
3.18M	5.725G	5.72818G	3.898M	5.72501G	5.728908G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

04/05/2019

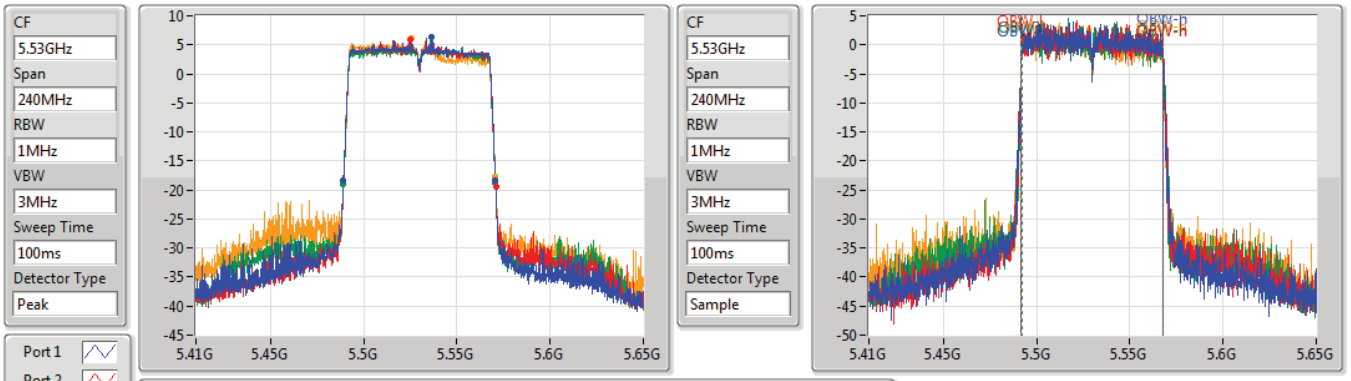


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.24896G	5.3308G	75.802M	5.251979G	5.327781G	Inf	1
81.6M	5.2492G	5.3308G	75.802M	5.252099G	5.327901G	Inf	2
81.84M	5.24896G	5.3308G	75.802M	5.251859G	5.327661G	Inf	3
81.72M	5.24908G	5.3308G	75.802M	5.251979G	5.327781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

04/05/2019

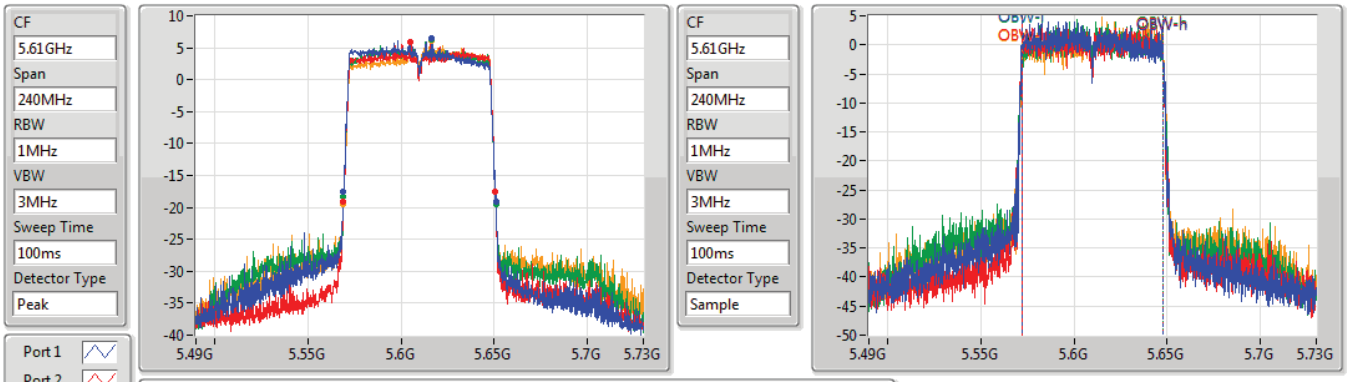


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.48896G	5.57068G	76.042M	5.491859G	5.567901G	Inf	1
82.08M	5.48884G	5.57092G	75.922M	5.491859G	5.567781G	Inf	2
81.6M	5.48908G	5.57068G	75.802M	5.491979G	5.567781G	Inf	3
81.6M	5.48908G	5.57068G	75.802M	5.491859G	5.567661G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

04/05/2019

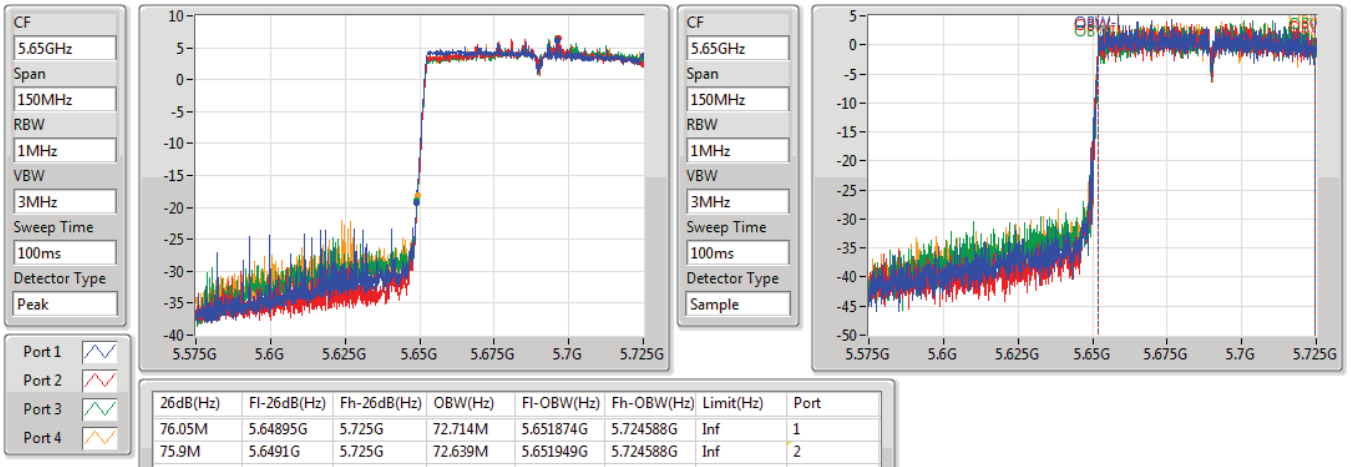


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.5692G	5.65092G	75.682M	5.571979G	5.647661G	Inf	1
81.6M	5.56908G	5.65068G	75.922M	5.571979G	5.647901G	Inf	2
81.84M	5.5692G	5.65104G	75.802M	5.571979G	5.647781G	Inf	3
81.72M	5.56908G	5.6508G	75.802M	5.572099G	5.647901G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/05/2019

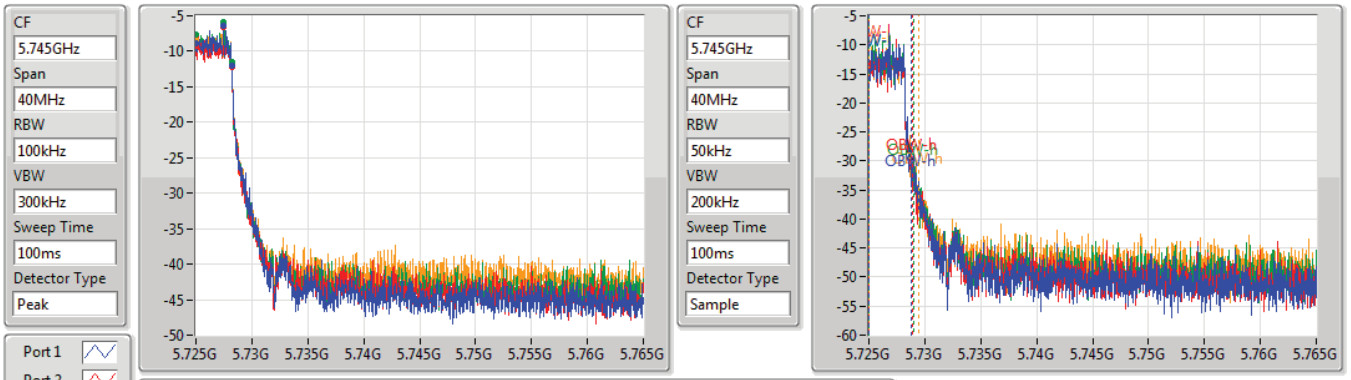


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	72.714M	5.651874G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	72.639M	5.651949G	5.724588G	Inf	2
75.9M	5.6491G	5.725G	72.564M	5.652024G	5.724588G	Inf	3
75.75M	5.64925G	5.725G	72.639M	5.651949G	5.724588G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

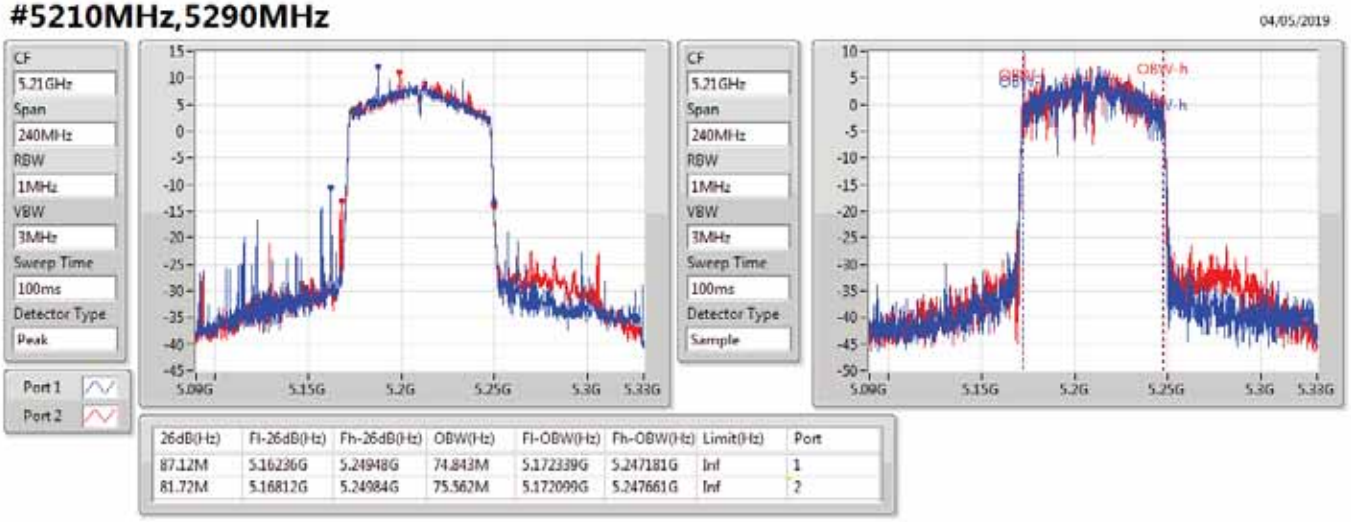
04/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	3.818M	5.72501G	5.728828G	500k	1
3.22M	5.725G	5.72822G	3.938M	5.72501G	5.728948G	500k	2
3.2M	5.725G	5.7282G	3.998M	5.72501G	5.729008G	500k	3
3.24M	5.725G	5.72824G	4.418M	5.72501G	5.729428G	500k	4

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port1&Port2) EBW

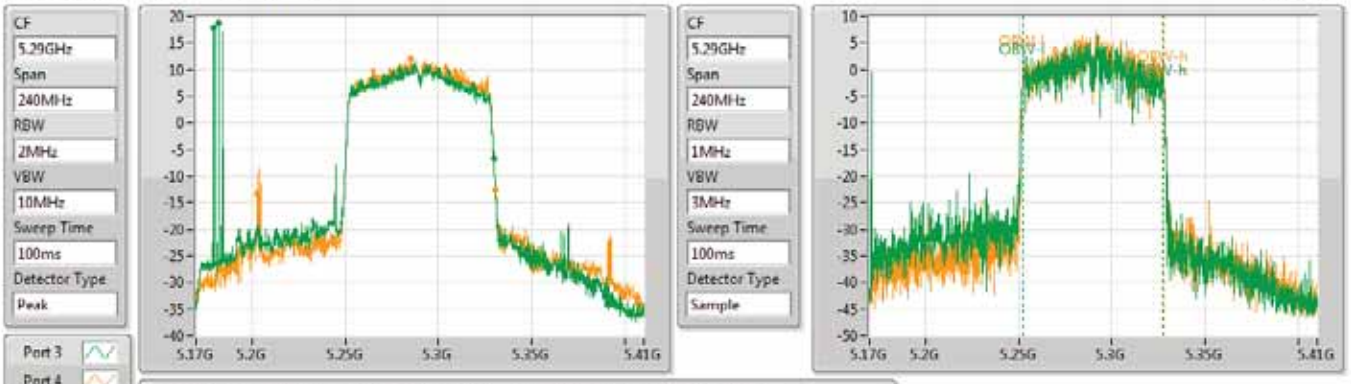
#5210MHz,5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.12M	5.16236G	5.24948G	74.843M	5.172339G	5.247181G	Inf	1
81.72M	5.16812G	5.24984G	75.562M	5.172099G	5.247661G	Inf	2

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port3&Port4) EBW

5210MHz,#5290MHz

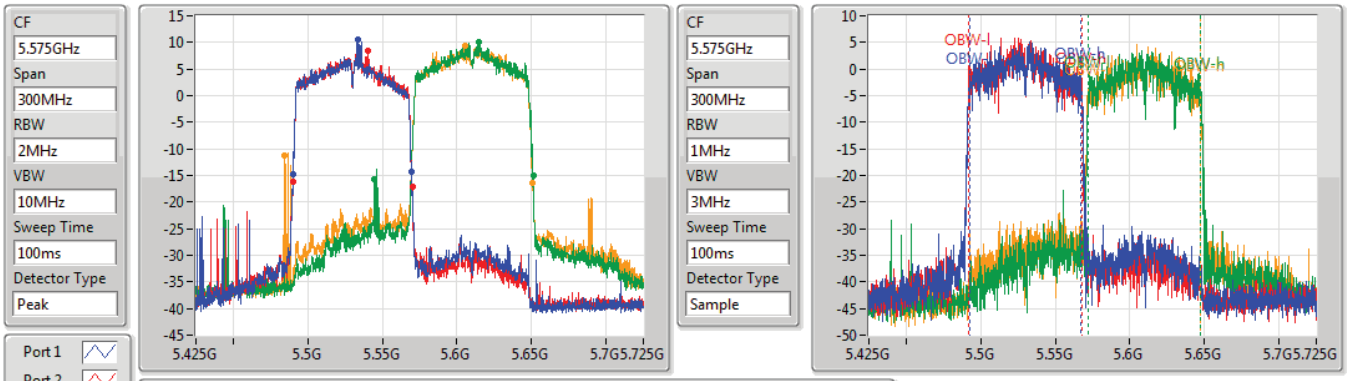


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
150M	5.1796G	5.3296G	75.442M	5.251979G	5.327421G	Inf	3
127.68M	5.20288G	5.33056G	75.322M	5.252219G	5.327541G	Inf	4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX EBW

#5530MHz,#5610MHz

04/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.35M	5.4901G	5.56945G	74.963M	5.492391G	5.567354G	Inf	1
80.1M	5.48995G	5.57005G	75.262M	5.492241G	5.567504G	Inf	2
106.95M	5.54455G	5.6515G	75.112M	5.572301G	5.647414G	Inf	3
166.35M	5.4844G	5.65075G	75.562M	5.572001G	5.647564G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	78.6M	74.963M	75M0D1D	78.6M	74.723M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.7M	17.721M	17M7D1D	20.49M	17.631M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.22M	36.282M	36M3D1D	40.8M	36.102M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.84M	75.802M	75M8D1D	81.6M	75.802M
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	152.52M	75.922M	75M9D1D	144.6M	75.082M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	20.73M	17.721M	17M7D1D	15.135M	13.838M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	41.28M	36.282M	36M3D1D	35.385M	32.884M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.08M	76.042M	76M0D1D	75.75M	72.564M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	166.35M	75.562M	75M6D1D	79.35M	74.963M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	3.84M	4.098M	4M10D1D	3.76M	4.058M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	3.26M	3.898M	3M90D1D	3.16M	3.658M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.24M	4.418M	4M42D1D	3.2M	3.818M

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

Result

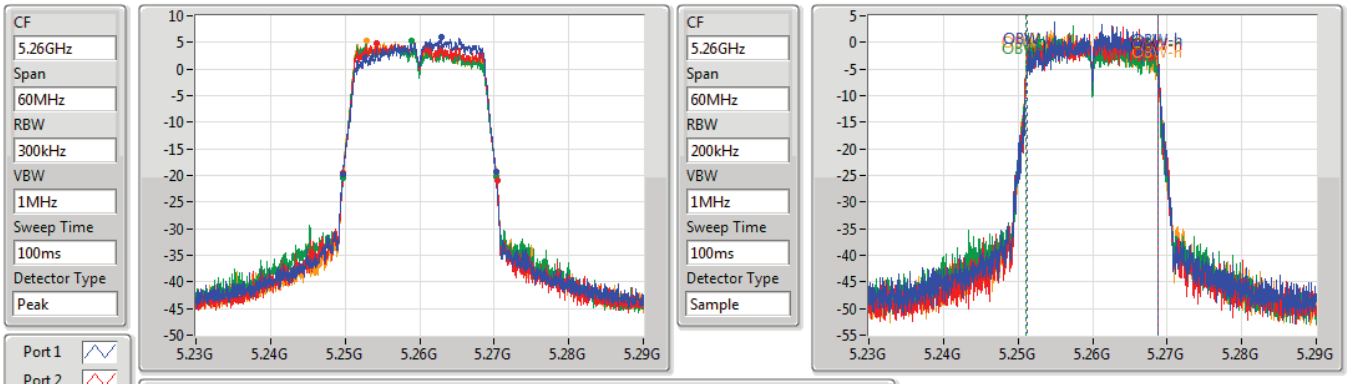
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.49M	17.631M	20.64M	17.691M	20.58M	17.691M	20.64M	17.721M
5300MHz	Pass	Inf	20.61M	17.691M	20.52M	17.631M	20.55M	17.691M	20.58M	17.661M
5320MHz	Pass	Inf	20.64M	17.691M	20.64M	17.661M	20.7M	17.661M	20.49M	17.661M
5500MHz	Pass	Inf	20.64M	17.691M	20.67M	17.721M	20.55M	17.691M	20.58M	17.691M
5580MHz	Pass	Inf	20.64M	17.691M	20.7M	17.661M	20.58M	17.661M	20.58M	17.721M
5700MHz	Pass	Inf	20.61M	17.721M	20.55M	17.661M	20.58M	17.661M	20.73M	17.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.195M	13.838M	15.135M	13.853M	15.135M	13.868M	15.135M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.058M	3.78M	4.078M	3.76M	4.098M	3.84M	4.078M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.04M	36.162M	40.86M	36.222M	40.98M	36.162M	41.04M	36.102M
5310MHz	Pass	Inf	40.98M	36.162M	40.8M	36.222M	41.22M	36.282M	41.04M	36.162M
5510MHz	Pass	Inf	40.98M	36.102M	41.16M	36.222M	41.1M	36.102M	40.74M	36.102M
5550MHz	Pass	Inf	40.8M	36.162M	41.04M	36.282M	41.1M	36.162M	40.8M	36.222M
5670MHz	Pass	Inf	40.98M	36.222M	40.74M	36.222M	41.28M	36.162M	41.22M	36.222M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	32.919M	35.385M	32.919M	35.595M	32.884M	35.595M	32.919M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	3.658M	3.16M	3.738M	3.18M	3.778M	3.18M	3.898M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	75.802M	81.6M	75.802M	81.84M	75.802M	81.72M	75.802M
5530MHz	Pass	Inf	81.72M	76.042M	82.08M	75.922M	81.6M	75.802M	81.6M	75.802M
5610MHz	Pass	Inf	81.72M	75.682M	81.6M	75.922M	81.84M	75.802M	81.72M	75.802M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	72.714M	75.9M	72.639M	75.9M	72.564M	75.75M	72.639M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.818M	3.22M	3.938M	3.2M	3.998M	3.24M	4.418M
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	78.6M	74.963M	78.6M	74.723M				
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	Inf					152.52M	75.922M	144.6M	75.082M
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	79.35M	74.963M	80.1M	75.262M	106.95M	75.112M	166.35M	75.562M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

04/05/2019

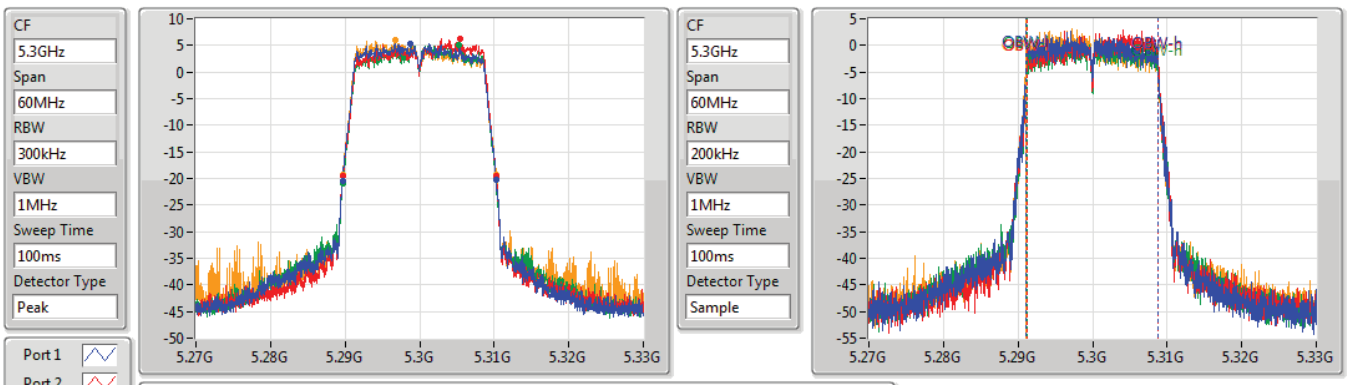


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.24971G	5.2702G	17.631M	5.251214G	5.268846G	Inf	1
20.64M	5.24974G	5.27038G	17.691M	5.251154G	5.268846G	Inf	2
20.58M	5.24968G	5.27026G	17.691M	5.251064G	5.268756G	Inf	3
20.64M	5.24968G	5.27032G	17.721M	5.251064G	5.268786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

04/05/2019

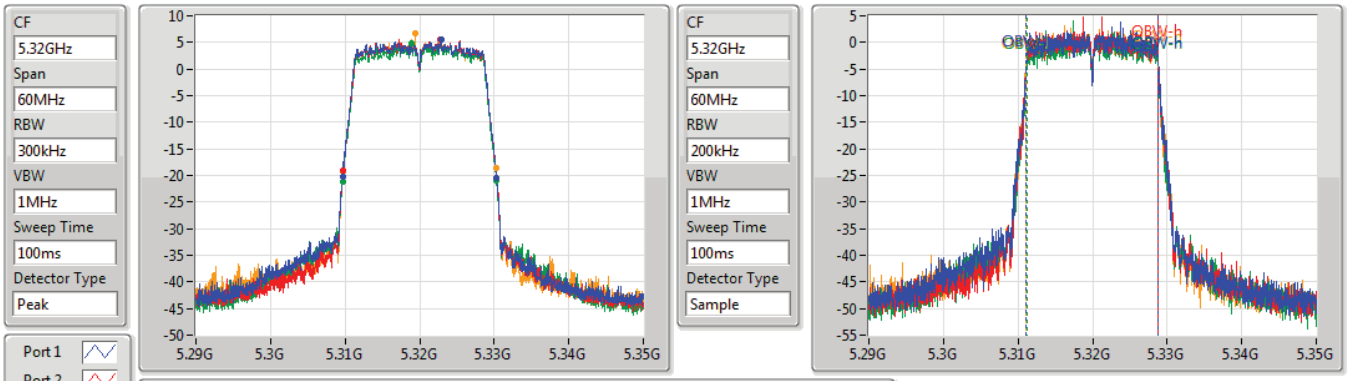


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.28965G	5.31026G	17.691M	5.291094G	5.308786G	Inf	1
20.52M	5.28971G	5.31023G	17.631M	5.291214G	5.308846G	Inf	2
20.55M	5.28971G	5.31026G	17.691M	5.291154G	5.308846G	Inf	3
20.58M	5.28971G	5.31029G	17.661M	5.291094G	5.308756G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

04/05/2019

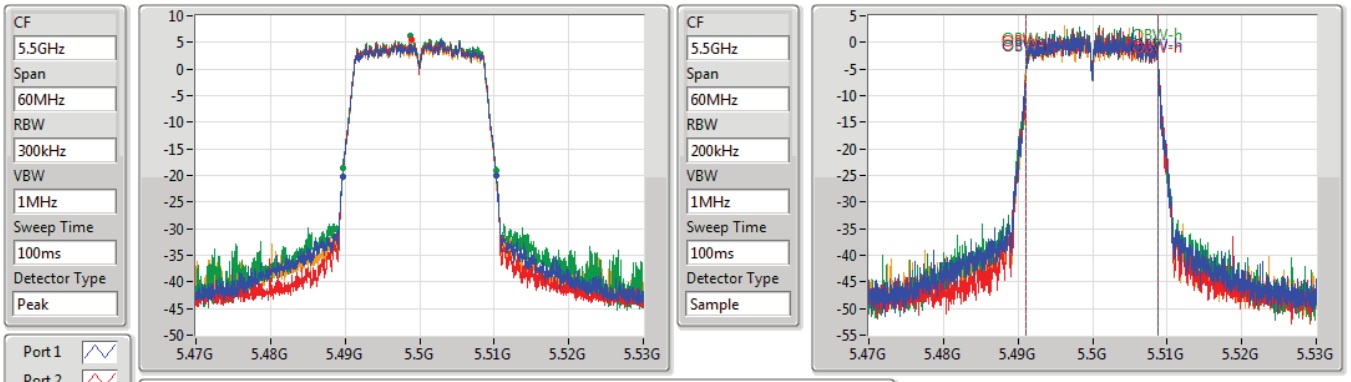


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.30965G	5.33029G	17.691M	5.311124G	5.328816G	Inf	1
20.64M	5.30971G	5.33035G	17.661M	5.311124G	5.328786G	Inf	2
20.7M	5.30965G	5.33035G	17.661M	5.311154G	5.328816G	Inf	3
20.49M	5.30971G	5.3302G	17.661M	5.311124G	5.328786G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

04/05/2019

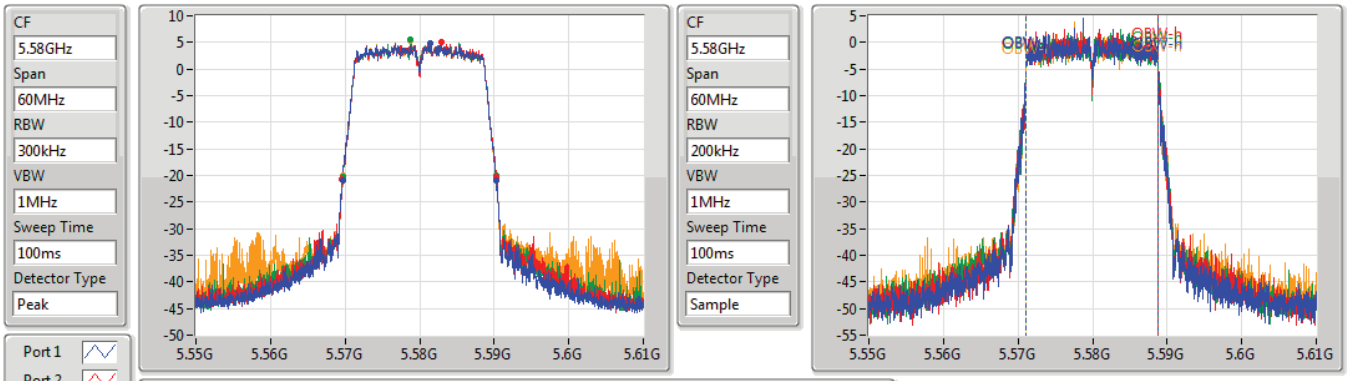


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.48965G	5.51029G	17.691M	5.491124G	5.508816G	Inf	1
20.67M	5.48965G	5.51032G	17.721M	5.491094G	5.508816G	Inf	2
20.55M	5.48971G	5.51026G	17.691M	5.491124G	5.508816G	Inf	3
20.58M	5.48968G	5.51026G	17.691M	5.491124G	5.508816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

04/05/2019

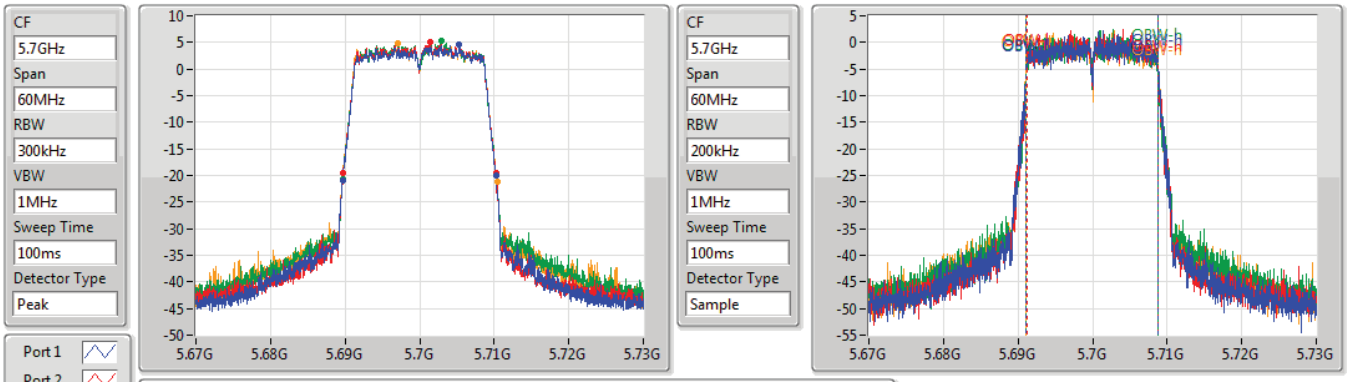


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.56965G	5.59029G	17.691M	5.571124G	5.588816G	Inf	1
20.7M	5.56962G	5.59032G	17.661M	5.571124G	5.588786G	Inf	2
20.58M	5.56968G	5.59026G	17.661M	5.571124G	5.588786G	Inf	3
20.58M	5.56971G	5.59029G	17.721M	5.571094G	5.588816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

04/05/2019

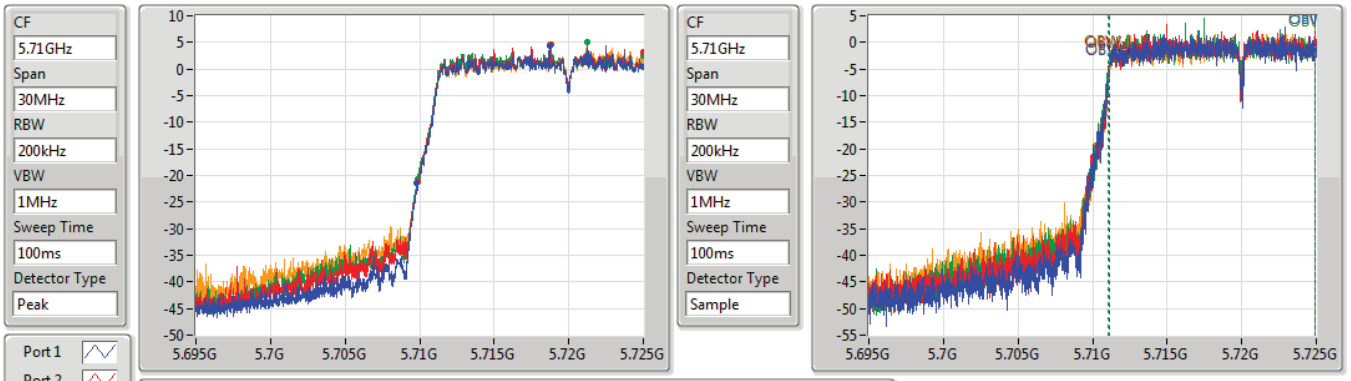


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.61M	5.68965G	5.71026G	17.721M	5.691124G	5.708846G	Inf	1
20.55M	5.68971G	5.71026G	17.661M	5.691154G	5.708816G	Inf	2
20.58M	5.68968G	5.71026G	17.661M	5.691124G	5.708786G	Inf	3
20.73M	5.68965G	5.71038G	17.721M	5.691124G	5.708846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/05/2019

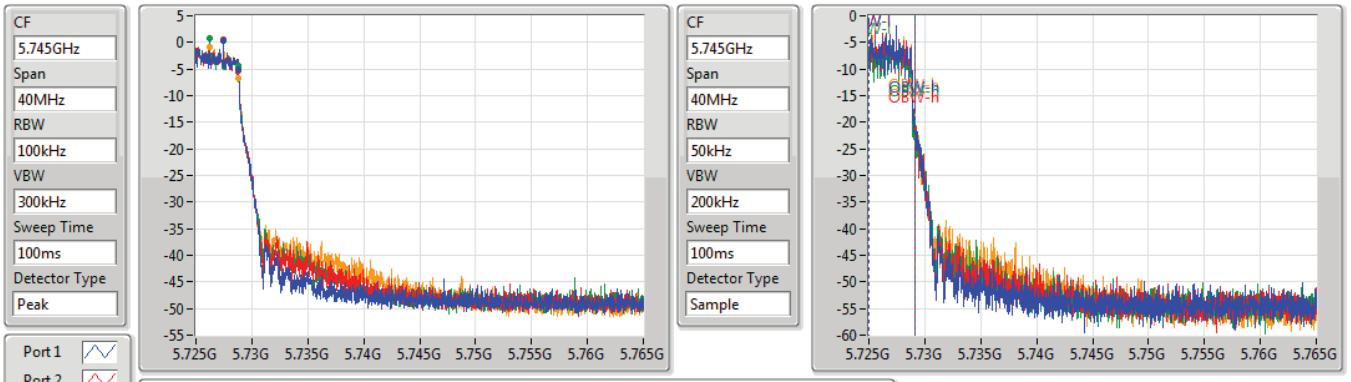


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.195M	5.709805G	5.725G	13.838M	5.711094G	5.724933G	Inf	1
15.135M	5.709865G	5.725G	13.853M	5.711094G	5.724948G	Inf	2
15.135M	5.709865G	5.725G	13.868M	5.711064G	5.724933G	Inf	3
15.135M	5.709865G	5.725G	13.838M	5.711094G	5.724933G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/05/2019

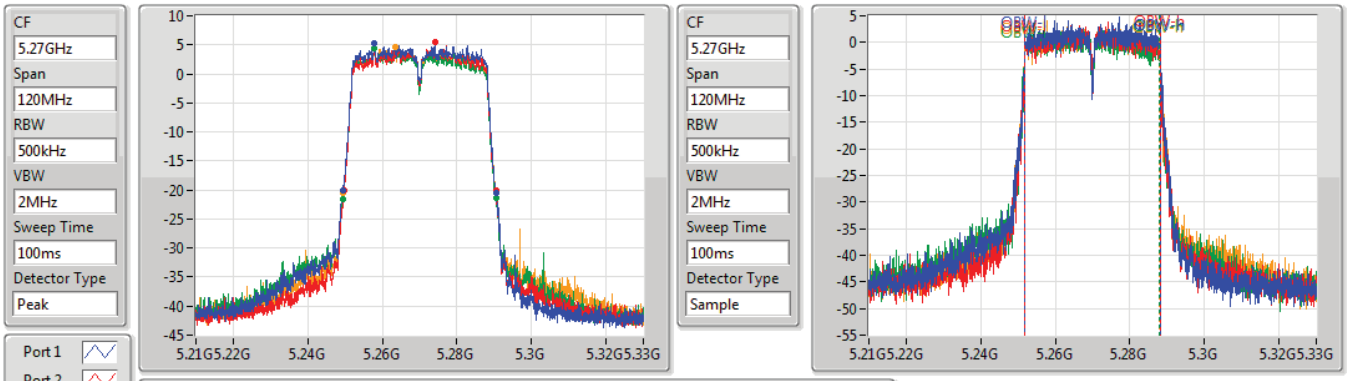


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.058M	5.72501G	5.729068G	500k	1
3.78M	5.725G	5.72878G	4.078M	5.72501G	5.729088G	500k	2
3.76M	5.725G	5.72876G	4.098M	5.72501G	5.729108G	500k	3
3.84M	5.725G	5.72884G	4.078M	5.72501G	5.729088G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

04/05/2019

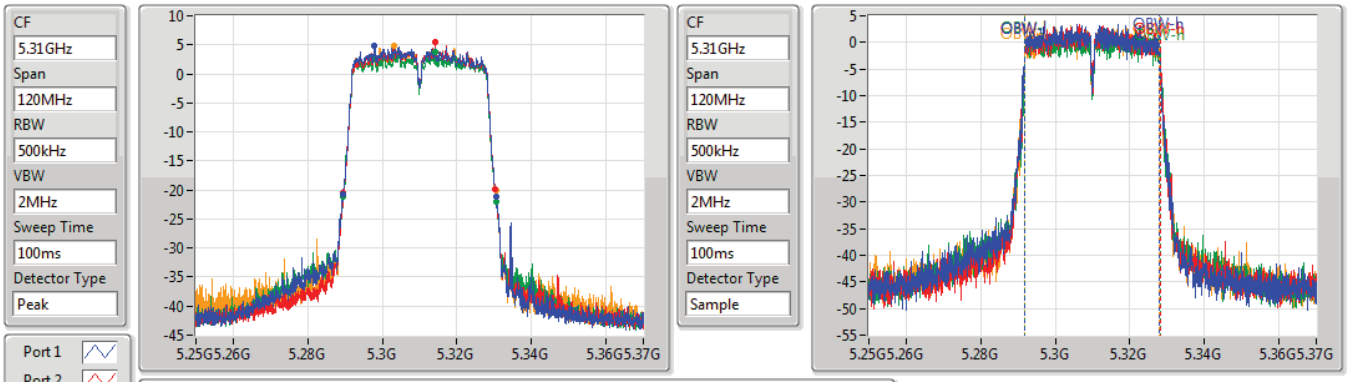


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.24936G	5.2904G	36.162M	5.251889G	5.288051G	Inf	1
40.86M	5.24966G	5.29052G	36.222M	5.251829G	5.288051G	Inf	2
40.98M	5.24948G	5.29046G	36.162M	5.251829G	5.287991G	Inf	3
41.04M	5.24948G	5.29052G	36.102M	5.251889G	5.287991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

04/05/2019

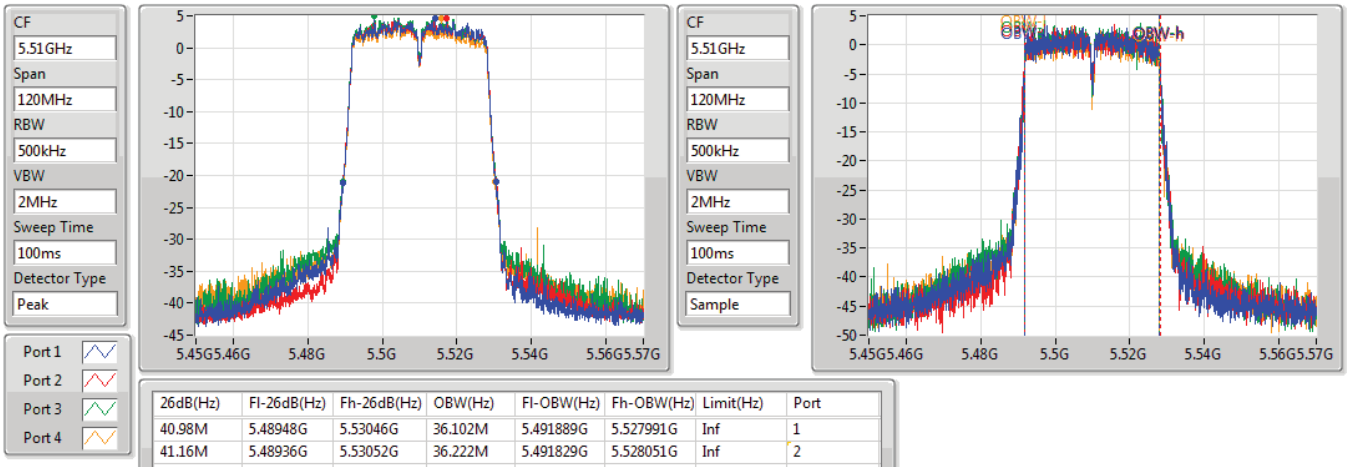


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.28948G	5.33046G	36.162M	5.291829G	5.327991G	Inf	1
40.8M	5.28948G	5.33028G	36.222M	5.291829G	5.328051G	Inf	2
41.22M	5.28948G	5.3307G	36.282M	5.291829G	5.328111G	Inf	3
41.04M	5.28942G	5.33046G	36.162M	5.291829G	5.327991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

04/05/2019

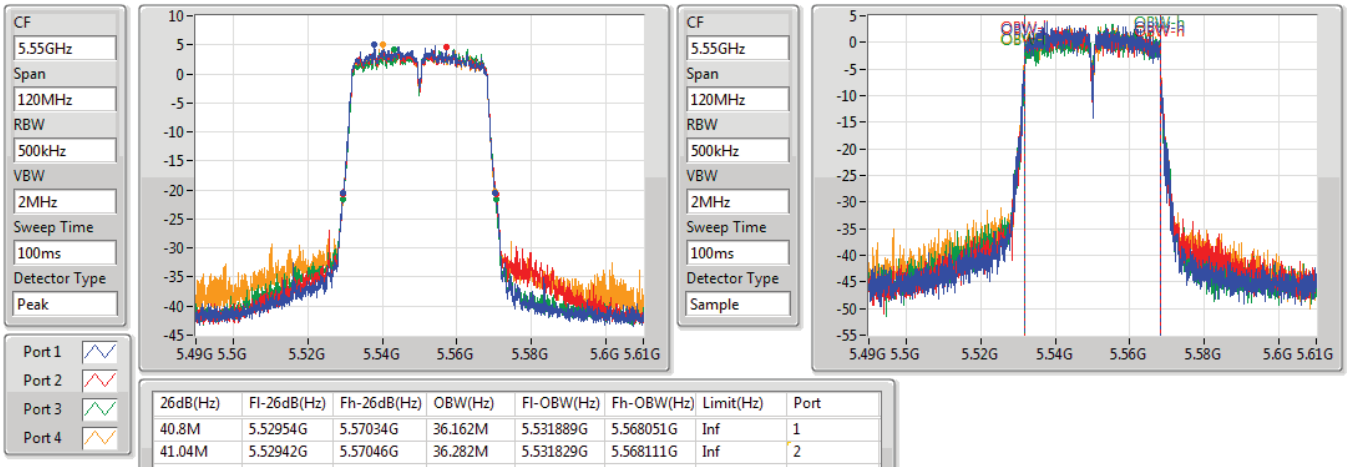


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.48948G	5.53046G	36.102M	5.491889G	5.527991G	Inf	1
41.16M	5.48936G	5.53052G	36.222M	5.491829G	5.528051G	Inf	2
41.1M	5.48942G	5.53052G	36.102M	5.491889G	5.527991G	Inf	3
40.74M	5.48954G	5.53028G	36.102M	5.491889G	5.527991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

04/05/2019

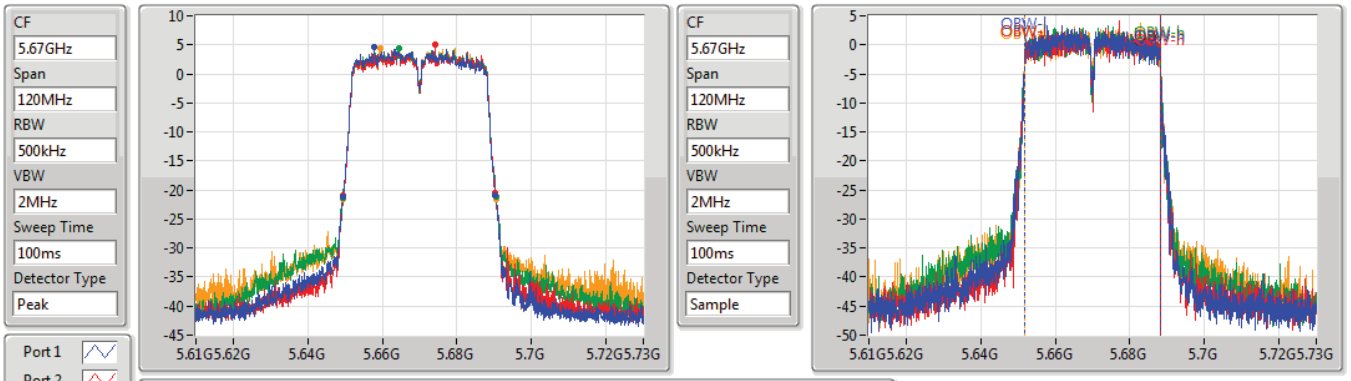


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.52954G	5.57034G	36.162M	5.531889G	5.568051G	Inf	1
41.04M	5.52942G	5.57046G	36.282M	5.531829G	5.568111G	Inf	2
41.1M	5.5293G	5.5704G	36.162M	5.531889G	5.568051G	Inf	3
40.8M	5.52948G	5.57028G	36.222M	5.531829G	5.568051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

04/05/2019

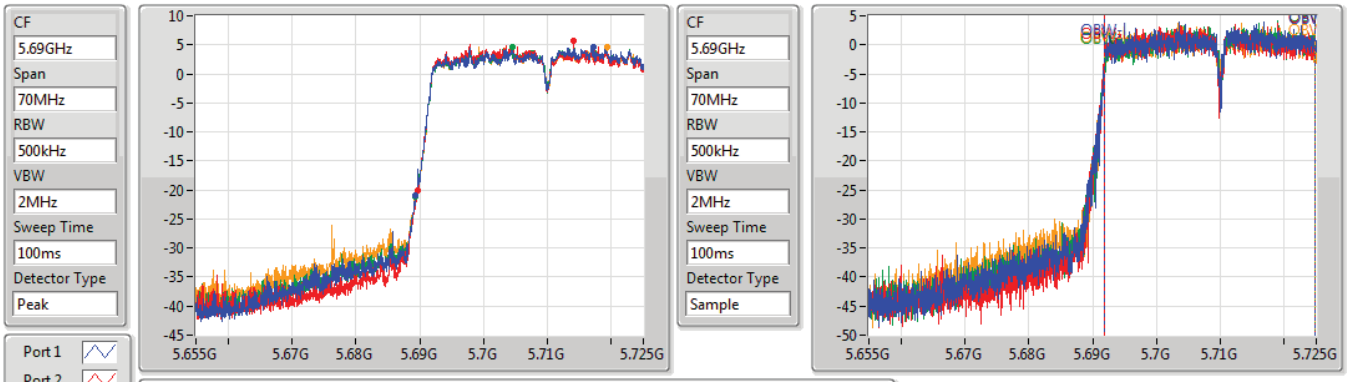


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.64936G	5.69034G	36.222M	5.651829G	5.688051G	Inf	1
40.74M	5.6496G	5.69034G	36.222M	5.651829G	5.688051G	Inf	2
41.28M	5.64936G	5.69064G	36.162M	5.651889G	5.688051G	Inf	3
41.22M	5.64942G	5.69064G	36.222M	5.651889G	5.688111G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/05/2019

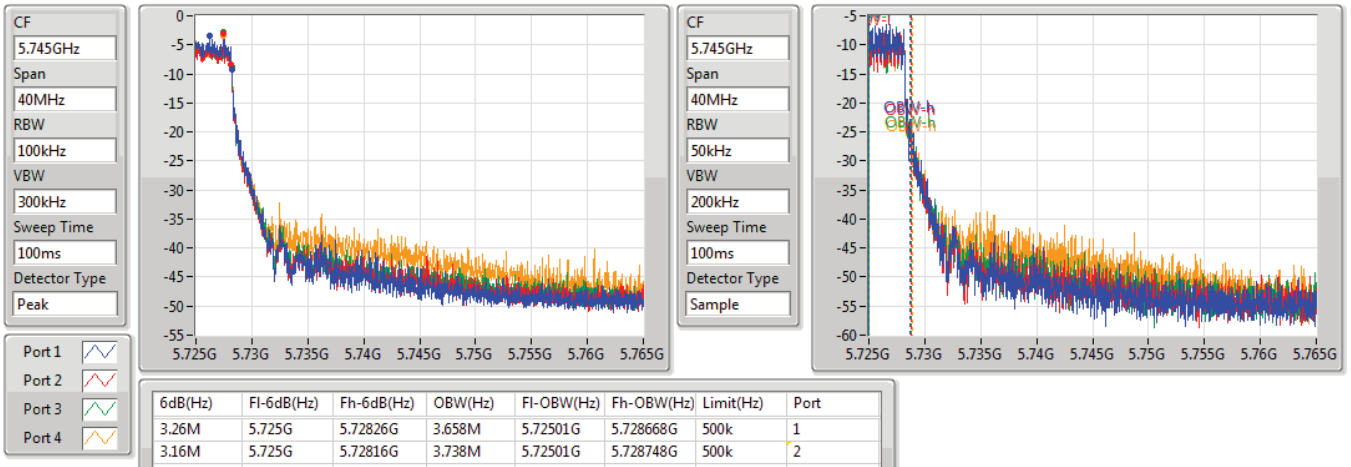


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.665M	5.689335G	5.725G	32.919M	5.691889G	5.724808G	Inf	1
35.385M	5.689615G	5.725G	32.919M	5.691854G	5.724773G	Inf	2
35.595M	5.689405G	5.725G	32.884M	5.691924G	5.724808G	Inf	3
35.595M	5.689405G	5.725G	32.919M	5.691854G	5.724773G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/05/2019

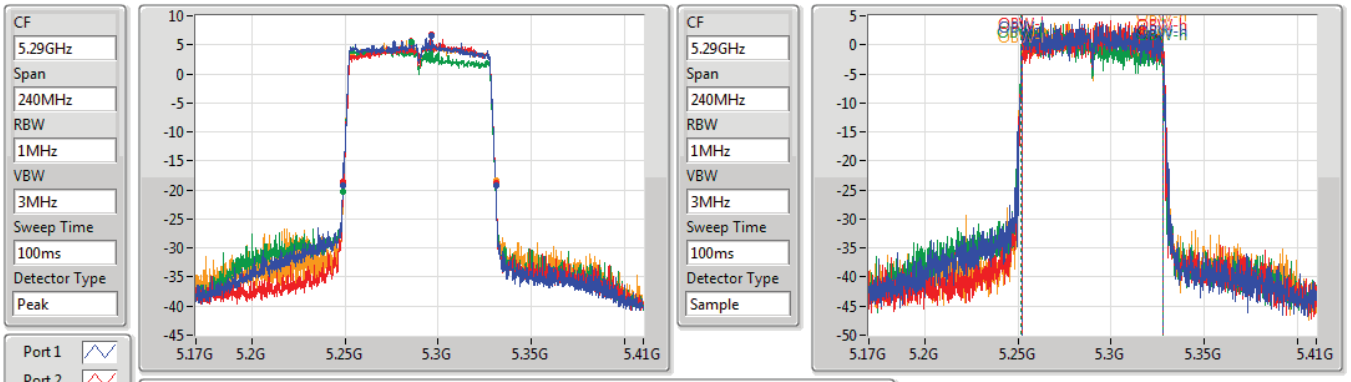


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.26M	5.725G	5.72826G	3.658M	5.72501G	5.728668G	500k	1
3.16M	5.725G	5.72816G	3.738M	5.72501G	5.728748G	500k	2
3.18M	5.725G	5.72818G	3.778M	5.72501G	5.728788G	500k	3
3.18M	5.725G	5.72818G	3.898M	5.72501G	5.728908G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

04/05/2019

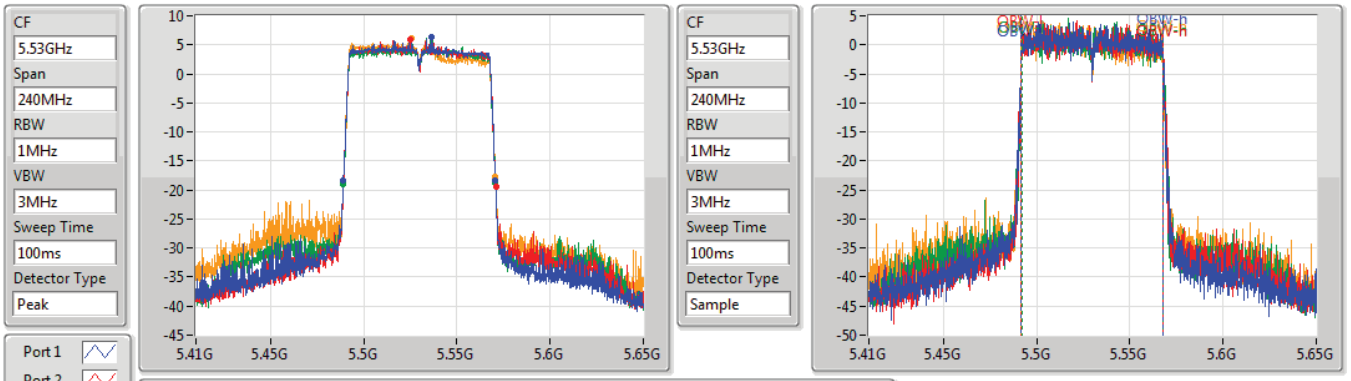


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.24896G	5.3308G	75.802M	5.251979G	5.327781G	Inf	1
81.6M	5.2492G	5.3308G	75.802M	5.252099G	5.327901G	Inf	2
81.84M	5.24896G	5.3308G	75.802M	5.251859G	5.327661G	Inf	3
81.72M	5.24908G	5.3308G	75.802M	5.251979G	5.327781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

04/05/2019

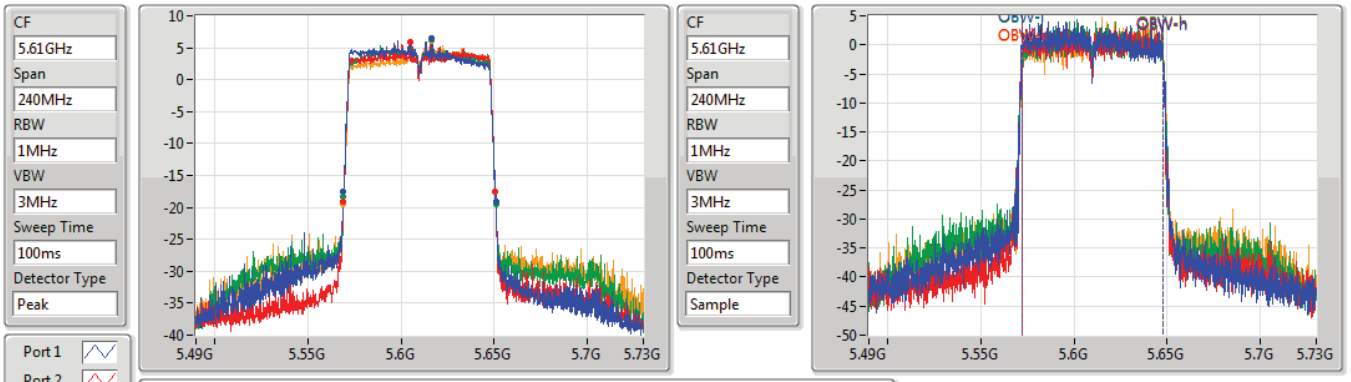


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.48896G	5.57068G	76.042M	5.491859G	5.567901G	Inf	1
82.08M	5.48884G	5.57092G	75.922M	5.491859G	5.567781G	Inf	2
81.6M	5.48908G	5.57068G	75.802M	5.491979G	5.567781G	Inf	3
81.6M	5.48908G	5.57068G	75.802M	5.491859G	5.567661G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

04/05/2019

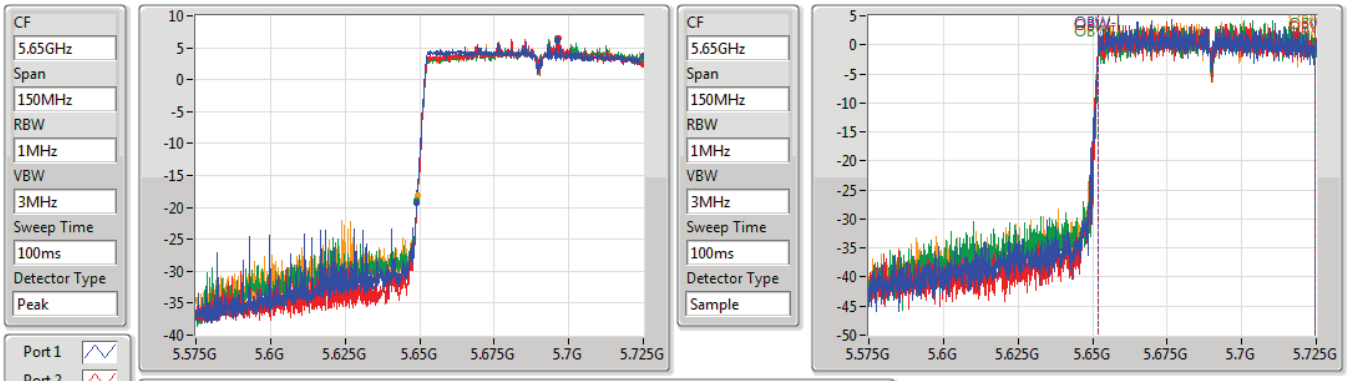


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.5692G	5.65092G	75.682M	5.571979G	5.647661G	Inf	1
81.6M	5.56908G	5.65068G	75.922M	5.571979G	5.647901G	Inf	2
81.84M	5.5692G	5.65104G	75.802M	5.571979G	5.647781G	Inf	3
81.72M	5.56908G	5.6508G	75.802M	5.572099G	5.647901G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/05/2019

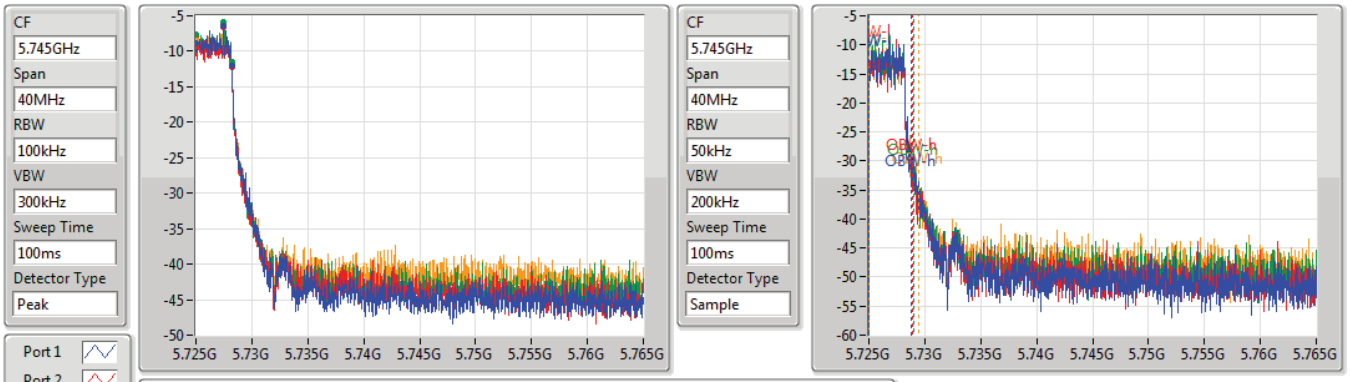


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	72.714M	5.651874G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	72.639M	5.651949G	5.724588G	Inf	2
75.9M	5.6491G	5.725G	72.564M	5.652024G	5.724588G	Inf	3
75.75M	5.64925G	5.725G	72.639M	5.651949G	5.724588G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

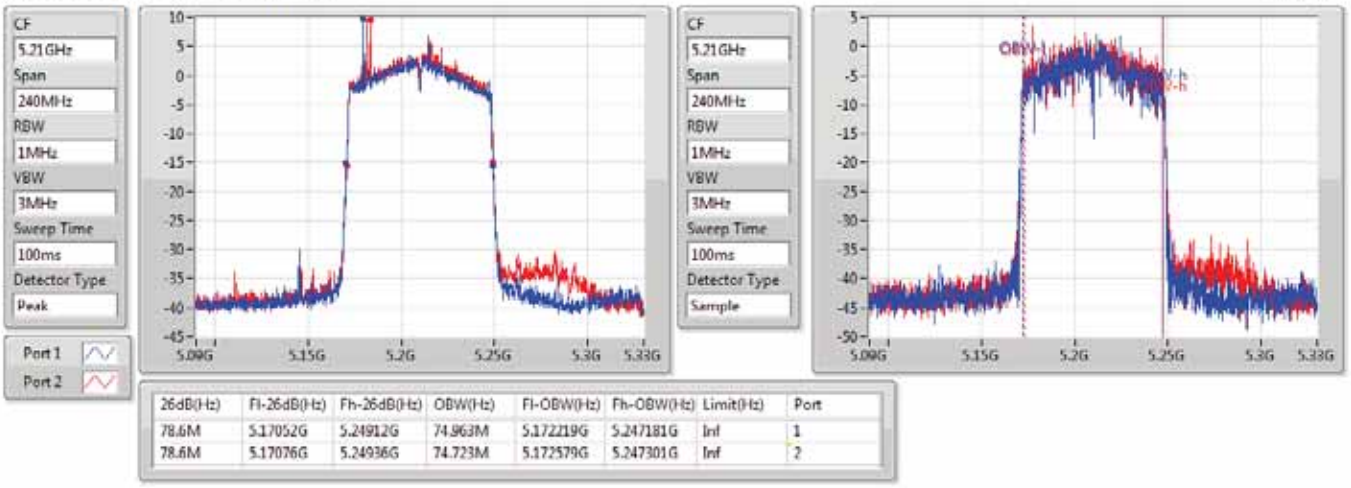
04/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.24M	5.725G	5.72824G	3.818M	5.72501G	5.728828G	500k	1
3.22M	5.725G	5.72822G	3.938M	5.72501G	5.728948G	500k	2
3.2M	5.725G	5.7282G	3.998M	5.72501G	5.729008G	500k	3
3.24M	5.725G	5.72824G	4.418M	5.72501G	5.729428G	500k	4

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port1&Port2) EBW

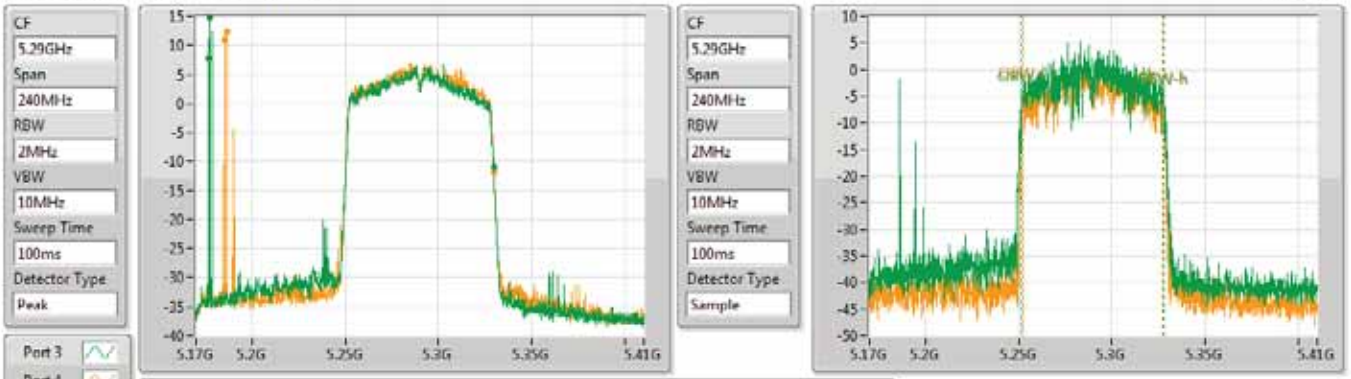
#5210MHz,5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.6M	5.17052G	5.24912G	74.963M	5.172219G	5.247181G	Inf	1
78.6M	5.17076G	5.24936G	74.723M	5.172579G	5.247301G	Inf	2

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port3&Port4) EBW

5210MHz,#5290MHz

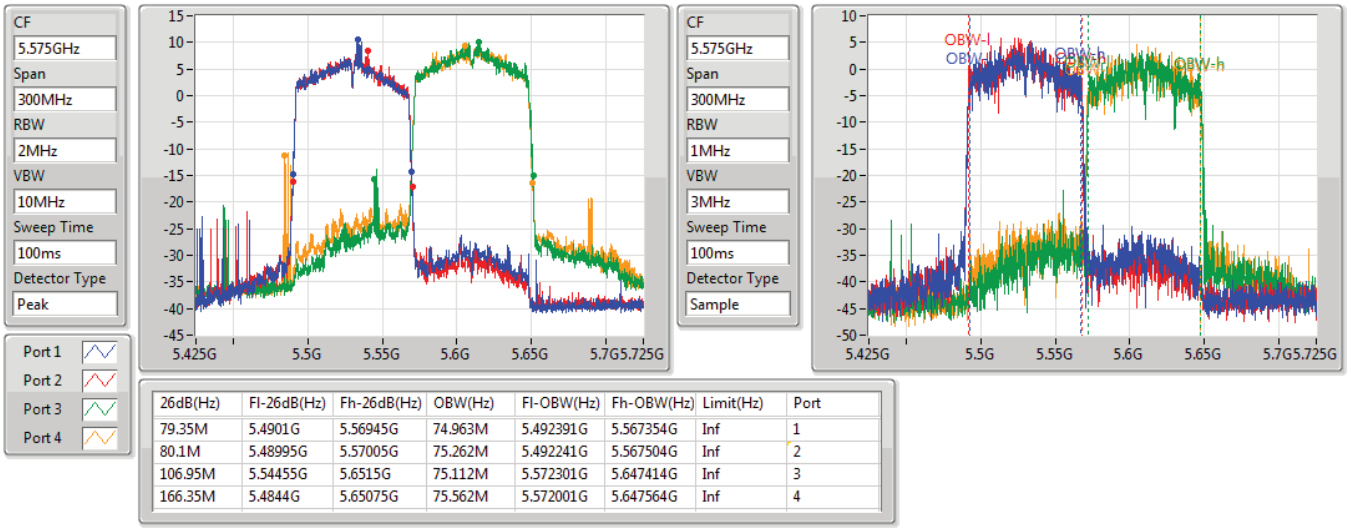


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
152.52M	5.17696G	5.32948G	75.822M	5.251619G	5.327541G	Inf	3
144.6M	5.18512G	5.32972G	75.082M	5.252219G	5.327301G	Inf	4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX EBW

#5530MHz,#5610MHz

04/05/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.35M	5.4901G	5.56945G	74.963M	5.492391G	5.567354G	Inf	1
80.1M	5.48995G	5.57005G	75.262M	5.492241G	5.567504G	Inf	2
106.95M	5.54455G	5.6515G	75.112M	5.572301G	5.647414G	Inf	3
166.35M	5.4844G	5.65075G	75.562M	5.572001G	5.647564G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	15.96	0.03945	19.96	0.09908
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.80	0.07586	22.80	0.19055
802.11ac VHT20_Nss1,(MCS0)_4TX	18.83	0.07638	22.83	0.19187
802.11ac VHT40_Nss1,(MCS0)_4TX	21.55	0.14289	25.55	0.35892
802.11ac VHT80_Nss1,(MCS0)_4TX	17.41	0.05508	21.41	0.13836
802.11ac VHT80+80_Nss2,(MCS0)_2TX	14.54	0.02844	18.54	0.07145
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.92	0.07798	22.92	0.19588
802.11ac VHT20_Nss1,(MCS0)_4TX	18.95	0.07852	22.95	0.19724
802.11ac VHT40_Nss1,(MCS0)_4TX	21.80	0.15136	25.80	0.38019
802.11ac VHT80_Nss1,(MCS0)_4TX	23.67	0.23281	27.67	0.58479
802.11ac VHT80+80_Nss1,(MCS0)_4TX	18.36	0.06855	22.36	0.17219
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.05	0.01012	14.05	0.02541
802.11ac VHT20_Nss1,(MCS0)_4TX	10.78	0.01197	14.78	0.03006
802.11ac VHT40_Nss1,(MCS0)_4TX	8.84	0.00766	12.84	0.01923
802.11ac VHT80_Nss1,(MCS0)_4TX	7.20	0.00525	11.20	0.01318

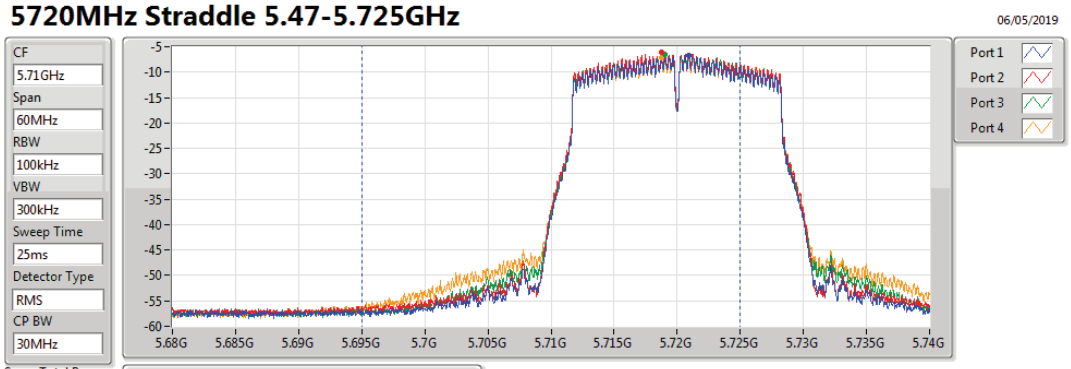
Result

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	4.00	12.97	12.92	12.61	12.61	18.80	23.92	22.80	29.92
5300MHz	Pass	4.00	12.68	13.01	12.20	12.67	18.67	23.92	22.67	29.92
5320MHz	Pass	4.00	12.67	13.03	12.10	12.86	18.70	23.94	22.70	29.94
5500MHz	Pass	4.00	12.72	13.06	13.02	11.99	18.74	23.93	22.74	29.93
5580MHz	Pass	4.00	12.76	13.00	12.72	11.52	18.56	23.93	22.56	29.93
5700MHz	Pass	4.00	12.56	13.23	12.98	12.80	18.92	23.93	22.92	29.93
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	11.48	12.09	11.85	11.48	17.75	22.72	21.75	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	3.61	4.43	4.00	4.04	10.05	30.00	14.05	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.00	12.84	13.18	12.68	12.51	18.83	23.97	22.83	29.97
5300MHz	Pass	4.00	12.68	13.19	12.18	12.65	18.71	23.98	22.71	29.98
5320MHz	Pass	4.00	12.54	13.17	11.98	12.72	18.64	24.01	22.64	30.01
5500MHz	Pass	4.00	12.57	13.31	13.10	12.25	18.85	24.01	22.85	30.01
5580MHz	Pass	4.00	12.56	13.31	12.65	12.43	18.77	23.97	22.77	29.97
5700MHz	Pass	4.00	12.51	13.39	13.07	12.70	18.95	23.98	22.95	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	11.68	12.57	12.14	11.91	18.11	22.75	22.11	28.75
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	4.34	5.18	4.82	4.64	10.78	30.00	14.78	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.00	15.93	15.79	15.12	15.20	21.55	24.00	25.55	30.00
5310MHz	Pass	4.00	15.51	15.75	14.71	15.34	21.36	24.00	25.36	30.00
5510MHz	Pass	4.00	14.58	14.78	14.75	13.80	20.52	24.00	24.52	30.00
5550MHz	Pass	4.00	16.08	16.11	15.48	15.38	21.80	24.00	25.80	30.00
5670MHz	Pass	4.00	15.45	15.87	15.56	15.42	21.60	24.00	25.60	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.00	15.12	15.73	15.34	15.09	21.35	24.00	25.35	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.00	2.51	3.21	2.77	2.75	8.84	30.00	12.84	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.00	11.32	11.87	10.71	11.58	17.41	24.00	21.41	30.00
5530MHz	Pass	4.00	11.52	11.53	11.16	11.33	17.41	24.00	21.41	30.00
5610MHz	Pass	4.00	16.84	17.09	16.89	16.28	22.81	24.00	26.81	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.00	17.44	18.03	17.61	17.51	23.67	24.00	27.67	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.00	1.02	1.24	1.17	1.29	7.20	30.00	11.20	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	4.00	12.72	13.17			15.96	30.00	19.96	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	4.00			11.97	11.03	14.54	24.00	18.54	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	4.00	13.52	13.60	11.78	9.08	18.36	24.00	22.36	30.00

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

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

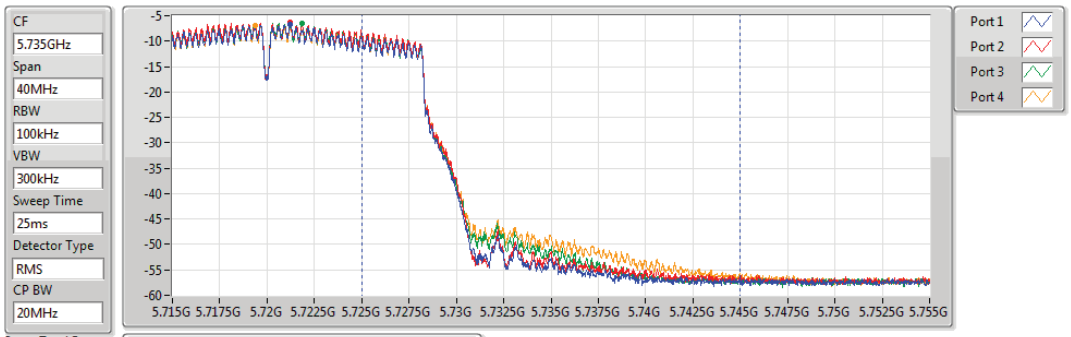
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.75	11.48	12.09	11.85	11.48

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

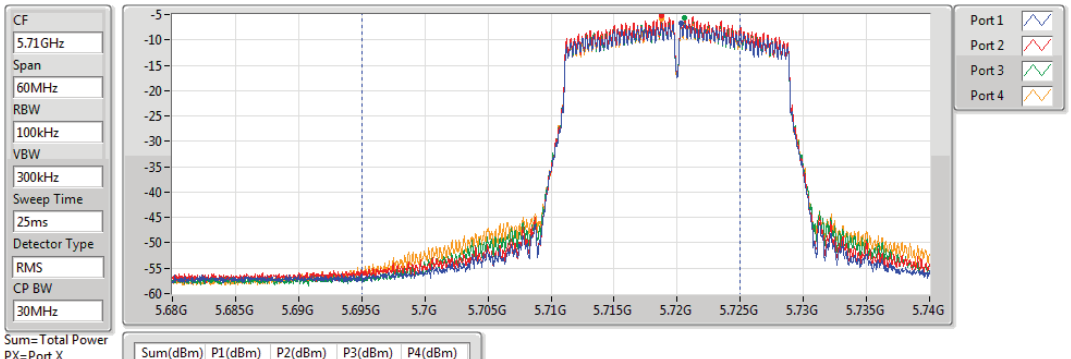
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.05	3.61	4.43	4.00	4.04

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

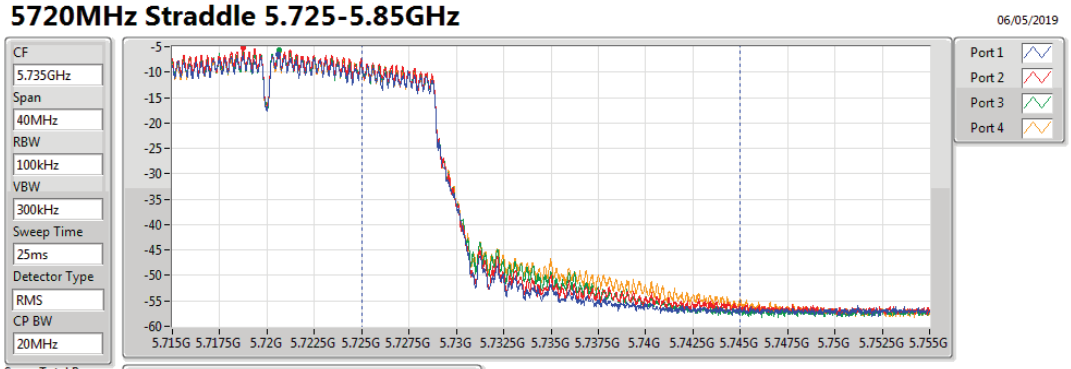
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.11	11.68	12.57	12.14	11.91

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

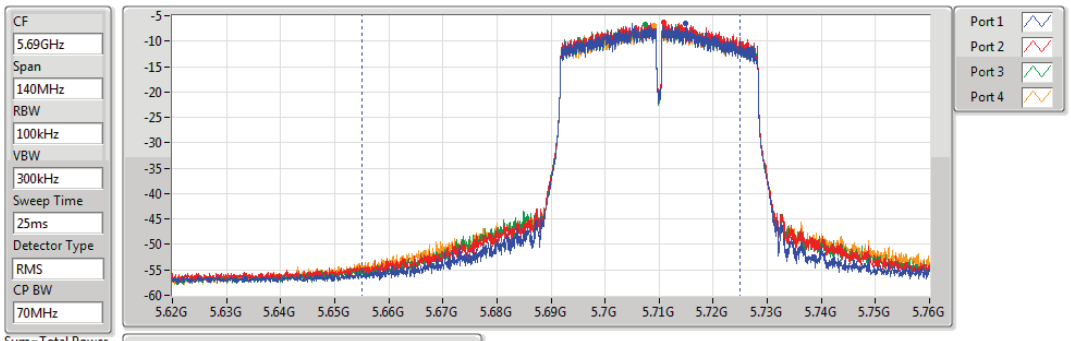
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.78	4.34	5.18	4.82	4.64

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

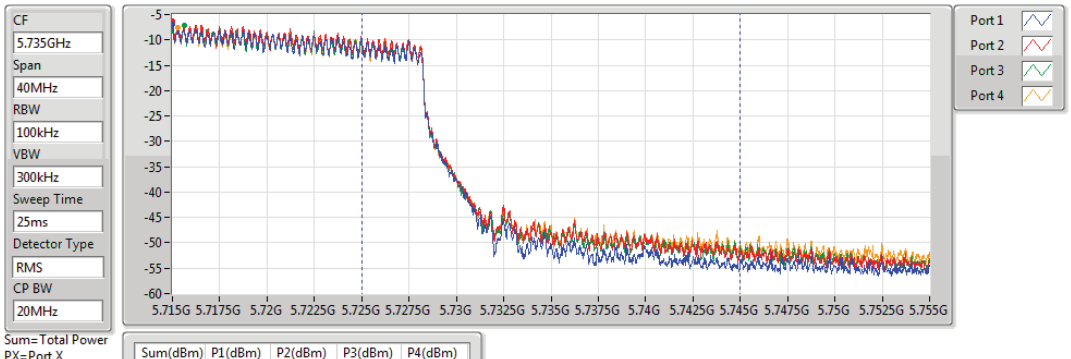
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.35	15.12	15.73	15.34	15.09

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

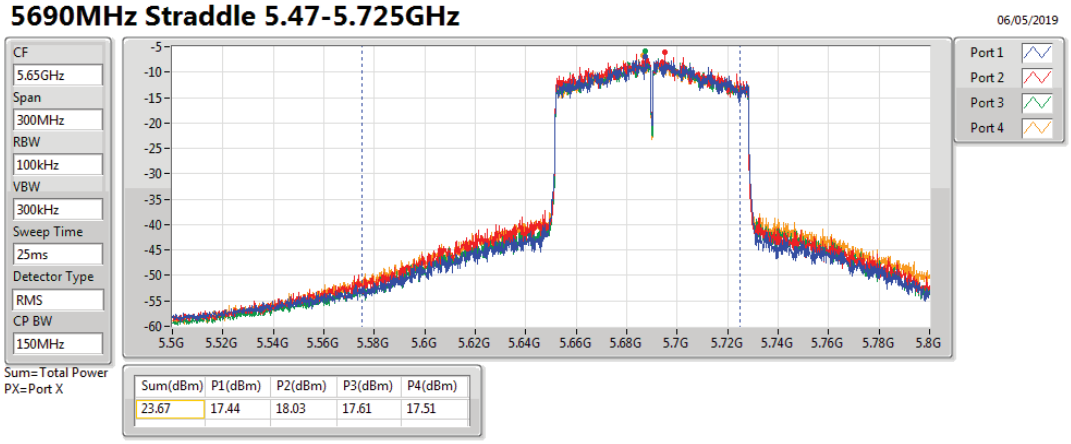
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.84	2.51	3.21	2.77	2.75

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

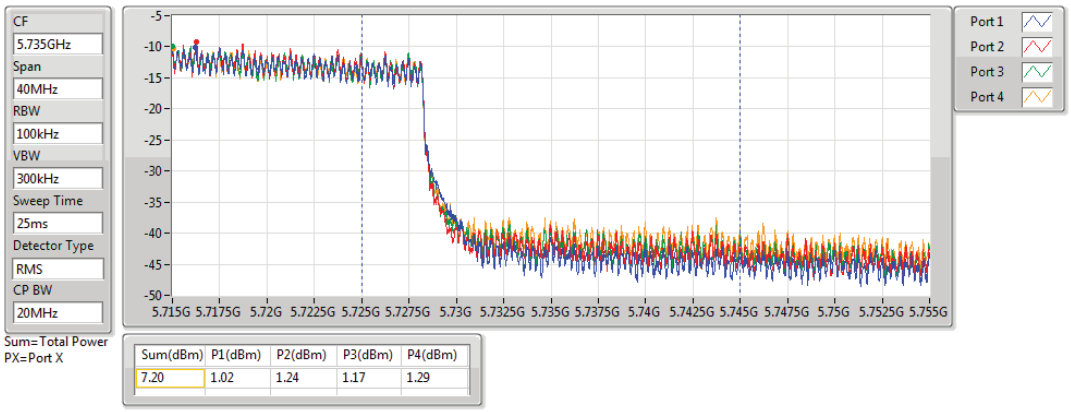
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.67	17.44	18.03	17.61	17.51

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

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.20	1.02	1.24	1.17	1.29

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	15.96	0.03945	19.96	0.09908
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.80	0.07586	22.80	0.19055
802.11ac VHT20_Nss1,(MCS0)_4TX	18.83	0.07638	22.83	0.19187
802.11ac VHT40_Nss1,(MCS0)_4TX	21.55	0.14289	25.55	0.35892
802.11ac VHT80_Nss1,(MCS0)_4TX	17.41	0.05508	21.41	0.13836
802.11ac VHT80+80_Nss2,(MCS0)_2TX	14.54	0.02844	18.54	0.07145
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	18.92	0.07798	22.92	0.19588
802.11ac VHT20_Nss1,(MCS0)_4TX	18.95	0.07852	22.95	0.19724
802.11ac VHT40_Nss1,(MCS0)_4TX	21.80	0.15136	25.80	0.38019
802.11ac VHT80_Nss1,(MCS0)_4TX	23.67	0.23281	27.67	0.58479
802.11ac VHT80+80_Nss1,(MCS0)_4TX	18.36	0.06855	22.36	0.17219
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	10.05	0.01012	14.05	0.02541
802.11ac VHT20_Nss1,(MCS0)_4TX	10.78	0.01197	14.78	0.03006
802.11ac VHT40_Nss1,(MCS0)_4TX	8.84	0.00766	12.84	0.01923
802.11ac VHT80_Nss1,(MCS0)_4TX	7.20	0.00525	11.20	0.01318

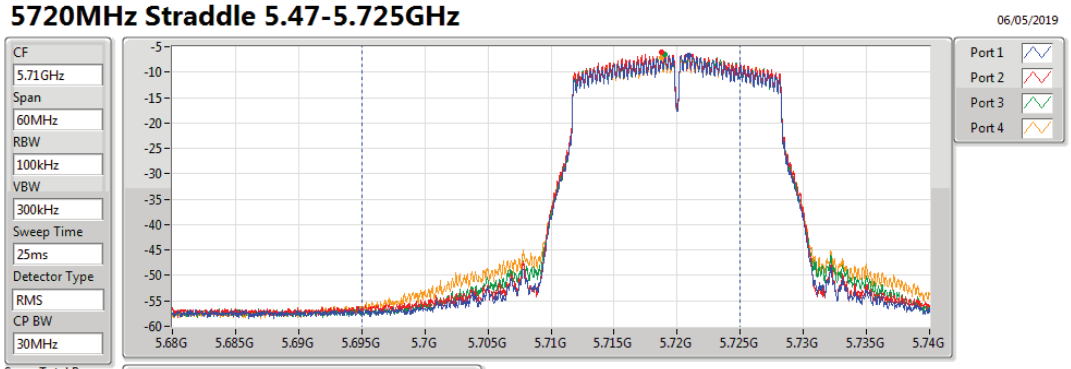
Result

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	4.00	12.97	12.92	12.61	12.61	18.80	23.92	22.80	29.92
5300MHz	Pass	4.00	12.68	13.01	12.20	12.67	18.67	23.92	22.67	29.92
5320MHz	Pass	4.00	12.67	13.03	12.10	12.86	18.70	23.94	22.70	29.94
5500MHz	Pass	4.00	12.72	13.06	13.02	11.99	18.74	23.93	22.74	29.93
5580MHz	Pass	4.00	12.76	13.00	12.72	11.52	18.56	23.93	22.56	29.93
5700MHz	Pass	4.00	12.56	13.23	12.98	12.80	18.92	23.93	22.92	29.93
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	11.48	12.09	11.85	11.48	17.75	22.72	21.75	28.72
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	3.61	4.43	4.00	4.04	10.05	30.00	14.05	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.00	12.84	13.18	12.68	12.51	18.83	23.97	22.83	29.97
5300MHz	Pass	4.00	12.68	13.19	12.18	12.65	18.71	23.98	22.71	29.98
5320MHz	Pass	4.00	12.54	13.17	11.98	12.72	18.64	24.01	22.64	30.01
5500MHz	Pass	4.00	12.57	13.31	13.10	12.25	18.85	24.01	22.85	30.01
5580MHz	Pass	4.00	12.56	13.31	12.65	12.43	18.77	23.97	22.77	29.97
5700MHz	Pass	4.00	12.51	13.39	13.07	12.70	18.95	23.98	22.95	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.00	11.68	12.57	12.14	11.91	18.11	22.75	22.11	28.75
5720MHz Straddle 5.725-5.85GHz	Pass	4.00	4.34	5.18	4.82	4.64	10.78	30.00	14.78	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.00	15.93	15.79	15.12	15.20	21.55	24.00	25.55	30.00
5310MHz	Pass	4.00	15.51	15.75	14.71	15.34	21.36	24.00	25.36	30.00
5510MHz	Pass	4.00	14.58	14.78	14.75	13.80	20.52	24.00	24.52	30.00
5550MHz	Pass	4.00	16.08	16.11	15.48	15.38	21.80	24.00	25.80	30.00
5670MHz	Pass	4.00	15.45	15.87	15.56	15.42	21.60	24.00	25.60	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.00	15.12	15.73	15.34	15.09	21.35	24.00	25.35	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.00	2.51	3.21	2.77	2.75	8.84	30.00	12.84	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.00	11.32	11.87	10.71	11.58	17.41	24.00	21.41	30.00
5530MHz	Pass	4.00	11.52	11.53	11.16	11.33	17.41	24.00	21.41	30.00
5610MHz	Pass	4.00	16.84	17.09	16.89	16.28	22.81	24.00	26.81	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.00	17.44	18.03	17.61	17.51	23.67	24.00	27.67	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.00	1.02	1.24	1.17	1.29	7.20	30.00	11.20	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	4.00	12.72	13.17			15.96	30.00	19.96	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	4.00			11.97	11.03	14.54	24.00	18.54	30.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	4.00	13.52	13.60	11.78	9.08	18.36	24.00	22.36	30.00

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

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

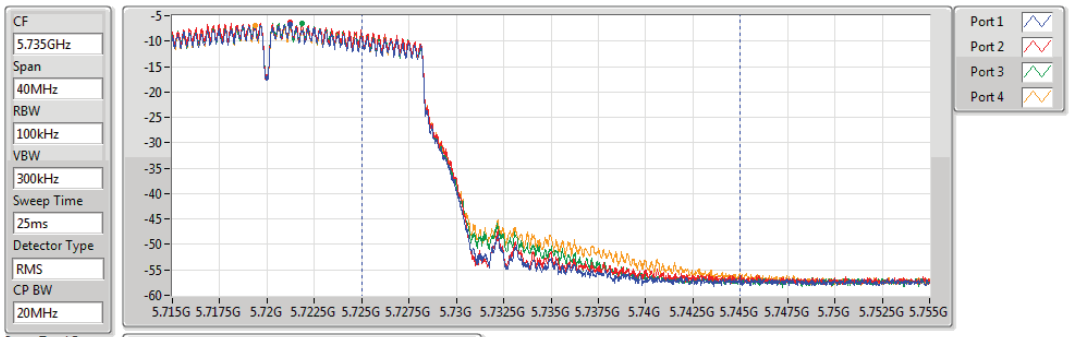
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.75	11.48	12.09	11.85	11.48

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

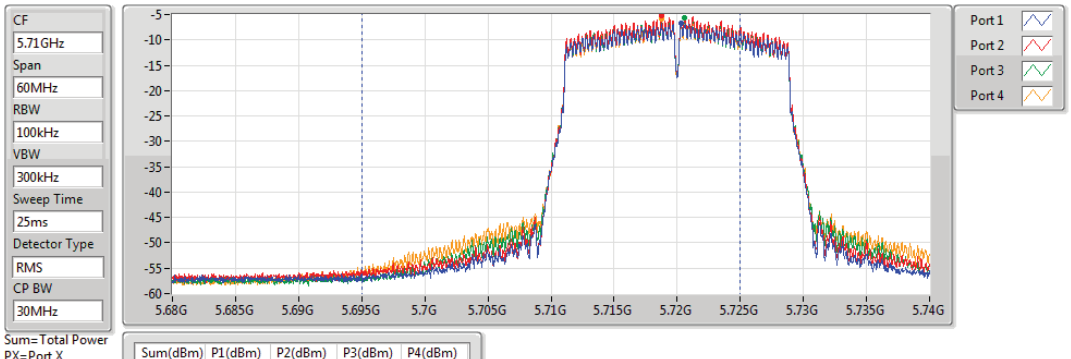
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.05	3.61	4.43	4.00	4.04

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

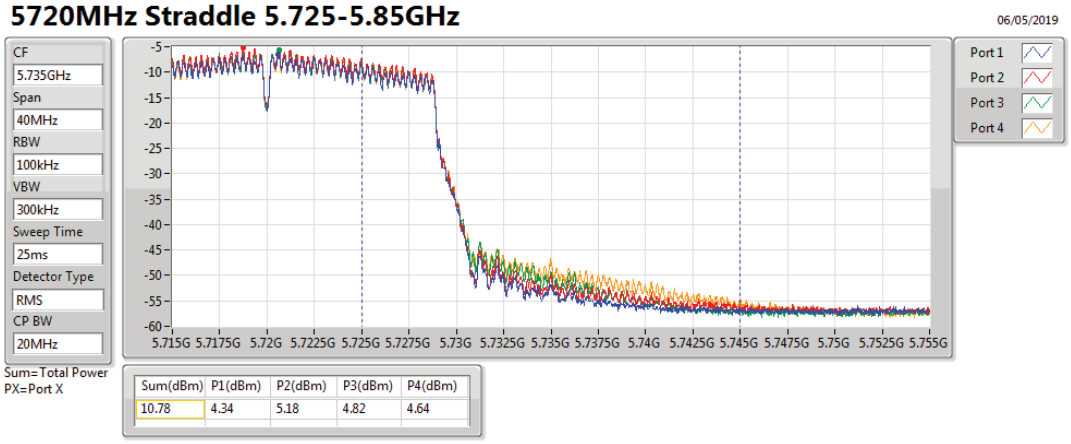
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.11	11.68	12.57	12.14	11.91

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

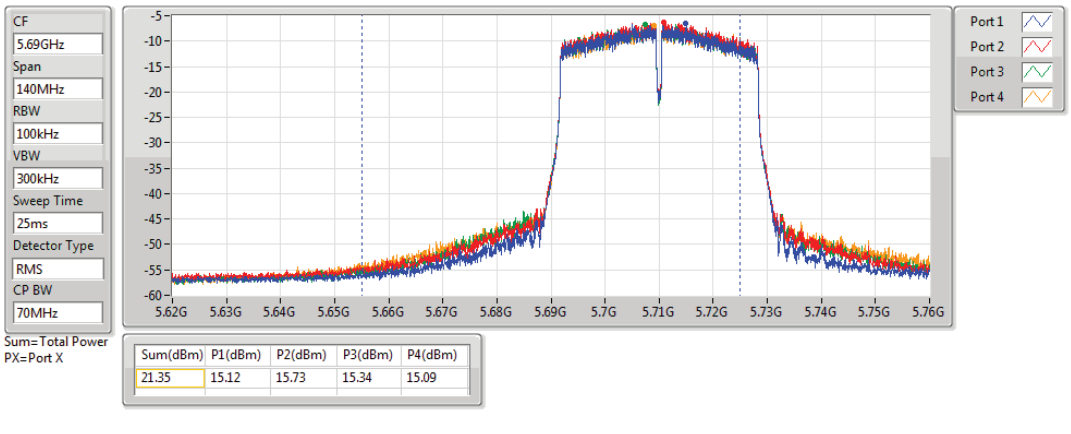
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.78	4.34	5.18	4.82	4.64

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

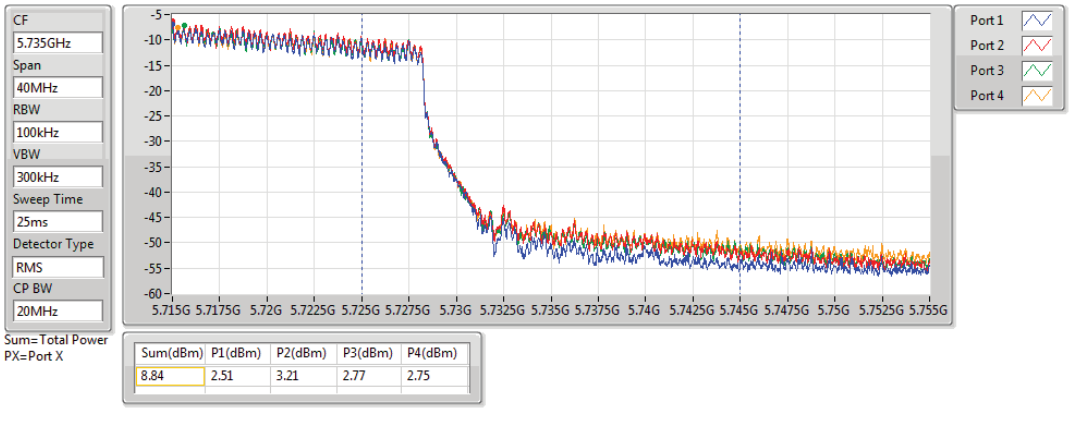
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.35	15.12	15.73	15.34	15.09

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

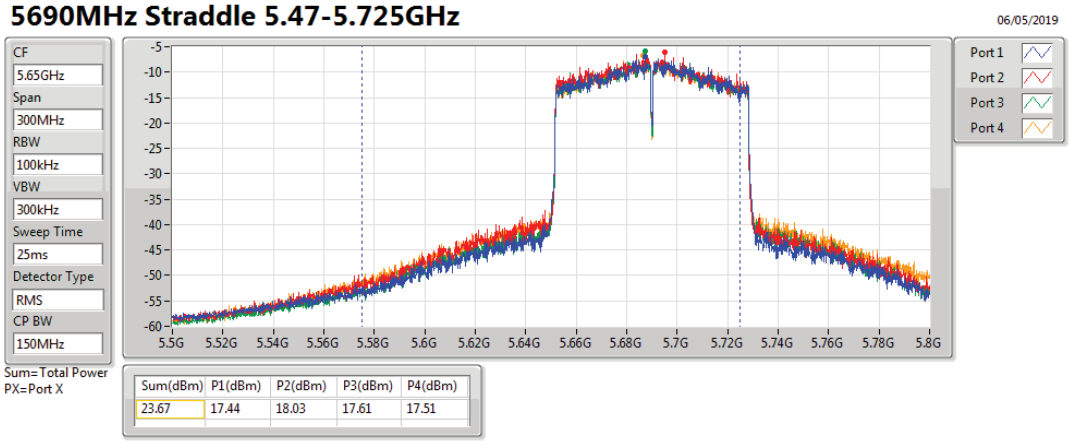
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.84	2.51	3.21	2.77	2.75

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

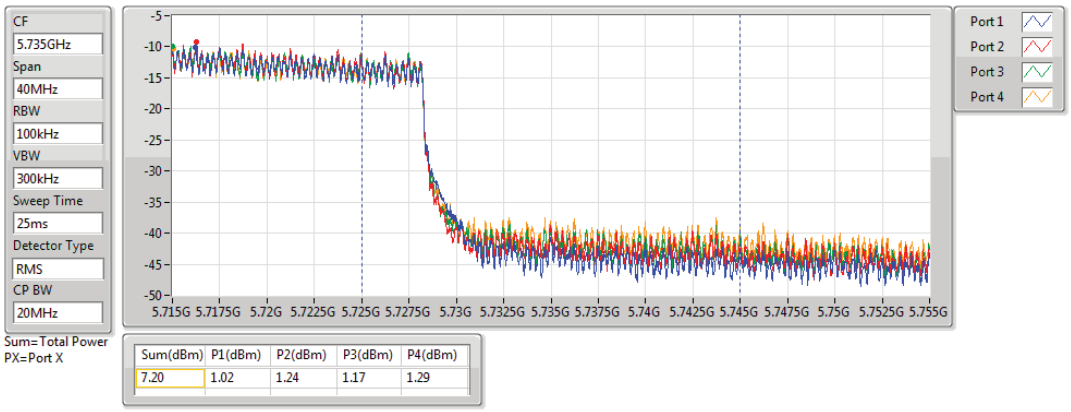
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.67	17.44	18.03	17.61	17.51

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

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.20	1.02	1.24	1.17	1.29

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	18.62	0.07278	25.63	0.36559
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	19.44	0.08790	29.46	0.88308
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	19.46	0.08831	29.48	0.88716
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.41	0.08730	29.43	0.87700
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	17.68	0.05861	24.69	0.29444
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	19.44	0.08790	29.46	0.88308
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	19.47	0.08851	29.49	0.88920
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.47	0.08851	29.49	0.88920
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	19.39	0.08690	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.72	0.01871	22.74	0.18793
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	9.01	0.00796	19.03	0.07998
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	5.89	0.00388	15.91	0.03899

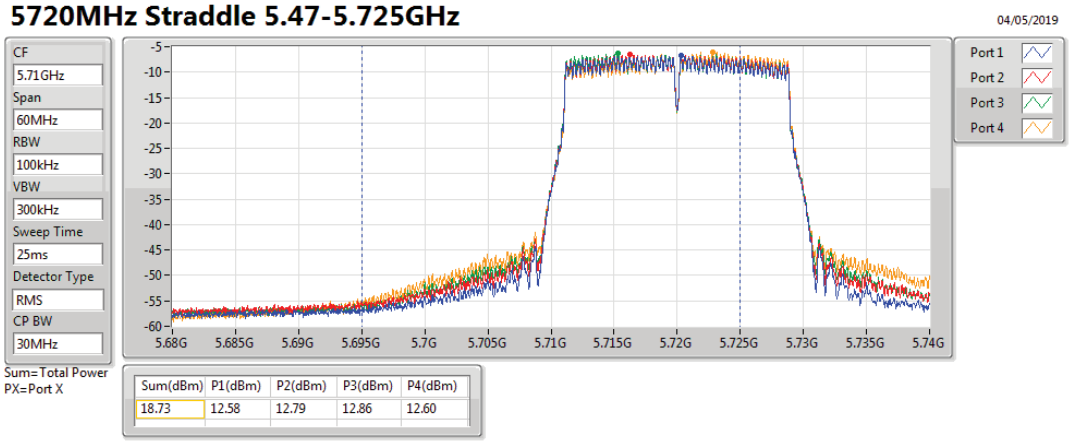
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	13.92	13.44	12.88	13.33	19.43	19.98	29.45	30.00
5300MHz	Pass	10.02	13.37	13.58	12.96	13.59	19.40	19.98	29.42	30.00
5320MHz	Pass	10.02	13.45	13.38	13.53	13.33	19.44	19.98	29.46	30.00
5500MHz	Pass	10.02	13.34	13.39	14.00	12.89	19.44	19.98	29.46	30.00
5580MHz	Pass	10.02	12.99	13.56	13.36	13.55	19.39	19.98	29.41	30.00
5700MHz	Pass	10.02	13.23	13.34	13.68	13.17	19.38	19.98	29.40	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	11.98	12.49	12.26	12.18	18.25	18.78	28.27	28.80
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	7.75	6.39	5.03	7.16	12.72	25.98	22.74	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	14.08	13.24	12.98	13.37	19.46	19.98	29.48	30.00
5310MHz	Pass	10.02	13.66	13.60	12.84	13.35	19.39	19.98	29.41	30.00
5510MHz	Pass	10.02	13.57	13.22	13.68	12.99	19.39	19.98	29.41	30.00
5550MHz	Pass	10.02	13.55	13.62	13.34	13.29	19.47	19.98	29.49	30.00
5670MHz	Pass	10.02	13.09	13.58	13.68	13.32	19.44	19.98	29.46	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	13.42	13.34	13.39	13.43	19.42	19.98	29.44	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	3.37	2.68	2.95	2.94	9.01	25.98	19.03	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	13.56	13.64	12.48	13.75	19.41	19.98	29.43	30.00
5530MHz	Pass	10.02	13.66	13.66	13.54	12.82	19.45	19.98	29.47	30.00
5610MHz	Pass	10.02	13.68	13.28	13.74	13.08	19.47	19.98	29.49	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	13.46	13.36	13.45	13.43	19.45	19.98	29.47	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	0.02	-0.52	0.06	-0.09	5.89	25.98	15.91	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	7.01	15.50	15.71			18.62	28.99	25.63	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	7.01			14.25	15.05	17.68	22.99	24.69	30.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	13.64	14.03	12.79	12.88	19.39	19.98	29.41	30.00

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

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

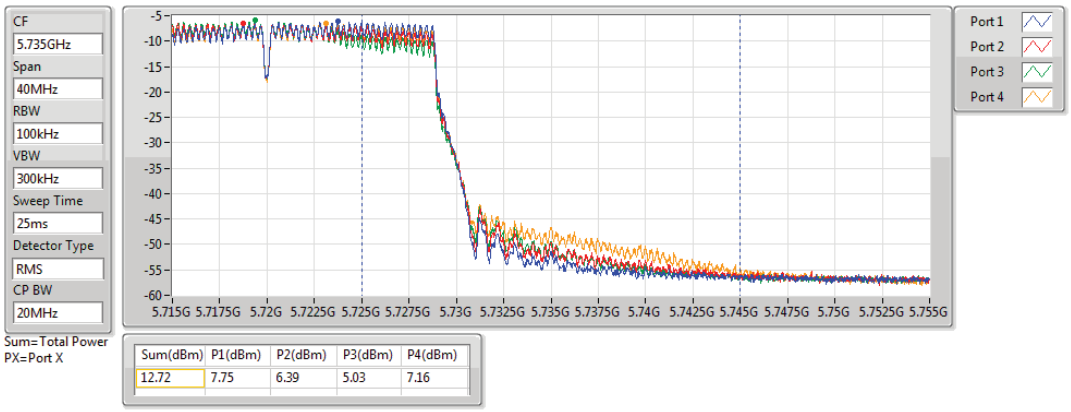
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.73	12.58	12.79	12.86	12.60

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

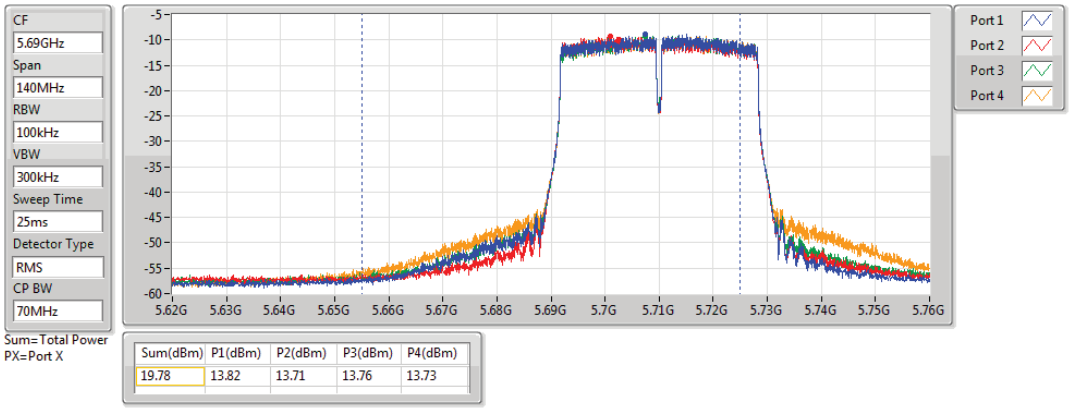
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.72	7.75	6.39	5.03	7.16

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

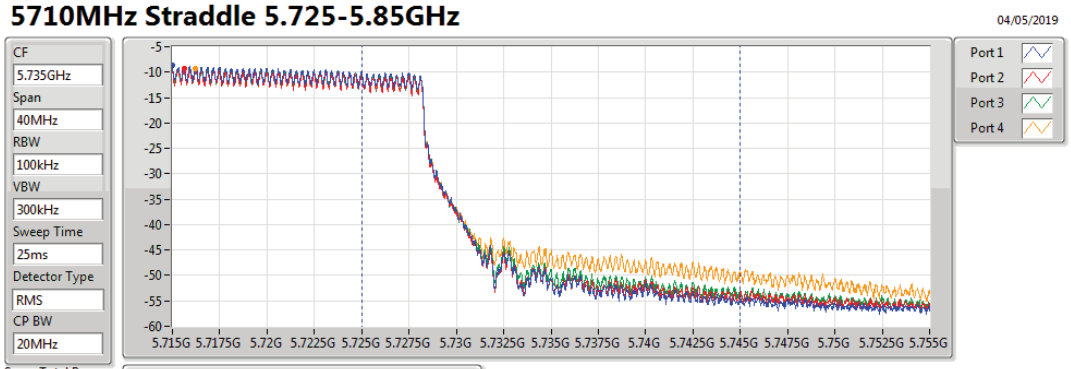
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.78	13.82	13.71	13.76	13.73

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

5710MHz Straddle 5.725-5.85GHz

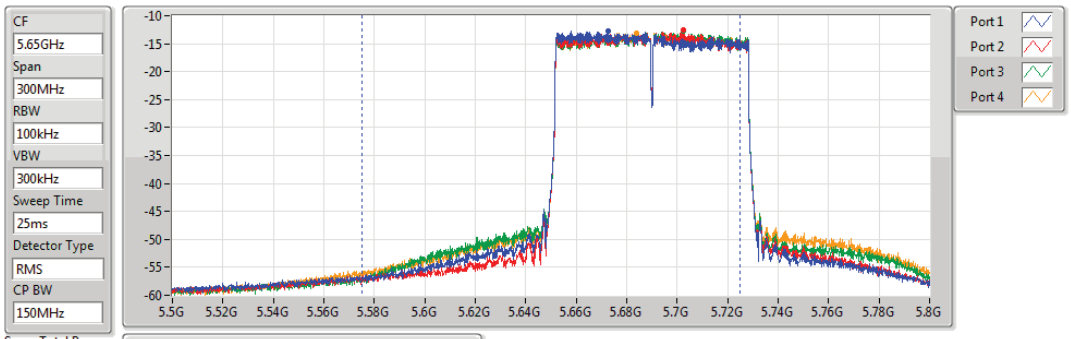


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.01	3.37	2.68	2.95	2.94

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

5690MHz Straddle 5.47-5.725GHz

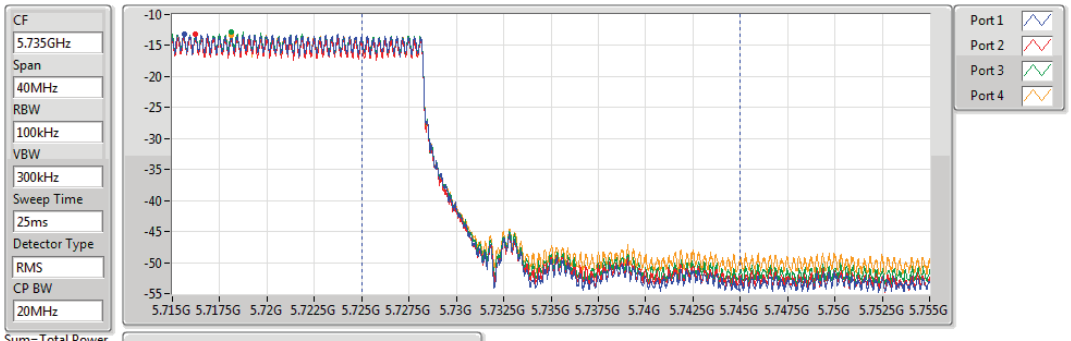


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.92	13.90	13.87	13.91	13.90

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

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.89	0.02	-0.52	0.06	-0.09

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	13.33	0.02153	20.34	0.10814
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	19.44	0.08790	29.46	0.88308
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	19.46	0.08831	29.48	0.88716
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.41	0.08730	29.43	0.87700
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	12.85	0.01928	19.86	0.09683
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	19.44	0.08790	29.46	0.88308
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	19.47	0.08851	29.49	0.88920
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	19.47	0.08851	29.49	0.88920
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	19.39	0.08690	29.41	0.87297
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	12.72	0.01871	22.74	0.18793
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	9.01	0.00796	19.03	0.07998
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	5.89	0.00388	15.91	0.03899

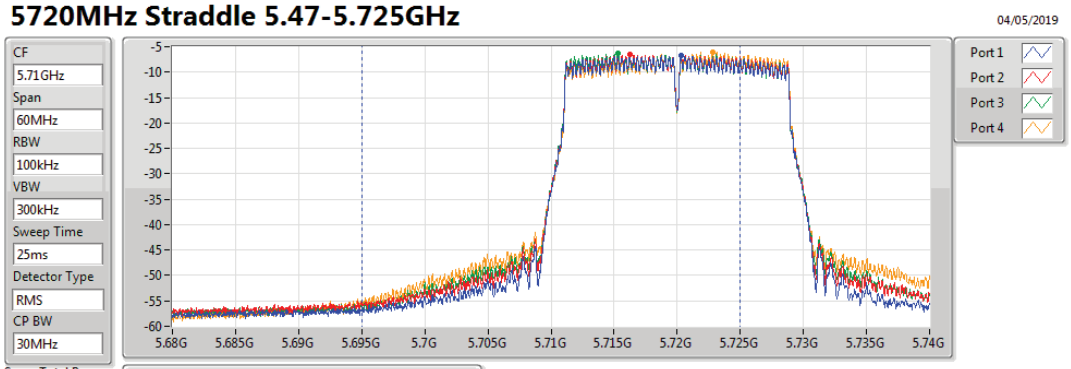
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	13.92	13.44	12.88	13.33	19.43	19.98	29.45	30.00
5300MHz	Pass	10.02	13.37	13.58	12.96	13.59	19.40	19.98	29.42	30.00
5320MHz	Pass	10.02	13.45	13.38	13.53	13.33	19.44	19.98	29.46	30.00
5500MHz	Pass	10.02	13.34	13.39	14.00	12.89	19.44	19.98	29.46	30.00
5580MHz	Pass	10.02	12.99	13.56	13.36	13.55	19.39	19.98	29.41	30.00
5700MHz	Pass	10.02	13.23	13.34	13.68	13.17	19.38	19.98	29.40	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	11.98	12.49	12.26	12.18	18.25	18.78	28.27	28.80
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	7.75	6.39	5.03	7.16	12.72	25.98	22.74	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	14.08	13.24	12.98	13.37	19.46	19.98	29.48	30.00
5310MHz	Pass	10.02	13.66	13.60	12.84	13.35	19.39	19.98	29.41	30.00
5510MHz	Pass	10.02	13.57	13.22	13.68	12.99	19.39	19.98	29.41	30.00
5550MHz	Pass	10.02	13.55	13.62	13.34	13.29	19.47	19.98	29.49	30.00
5670MHz	Pass	10.02	13.09	13.58	13.68	13.32	19.44	19.98	29.46	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	13.42	13.34	13.39	13.43	19.42	19.98	29.44	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	3.37	2.68	2.95	2.94	9.01	25.98	19.03	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	13.56	13.64	12.48	13.75	19.41	19.98	29.43	30.00
5530MHz	Pass	10.02	13.66	13.66	13.54	12.82	19.45	19.98	29.47	30.00
5610MHz	Pass	10.02	13.68	13.28	13.74	13.08	19.47	19.98	29.49	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	13.46	13.36	13.45	13.43	19.45	19.98	29.47	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	0.02	-0.52	0.06	-0.09	5.89	25.98	15.91	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	7.01	10.01	10.60			13.33	28.99	20.34	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	7.01			9.49	10.16	12.85	22.99	19.86	30.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	13.64	14.03	12.79	12.88	19.39	19.98	29.41	30.00

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

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

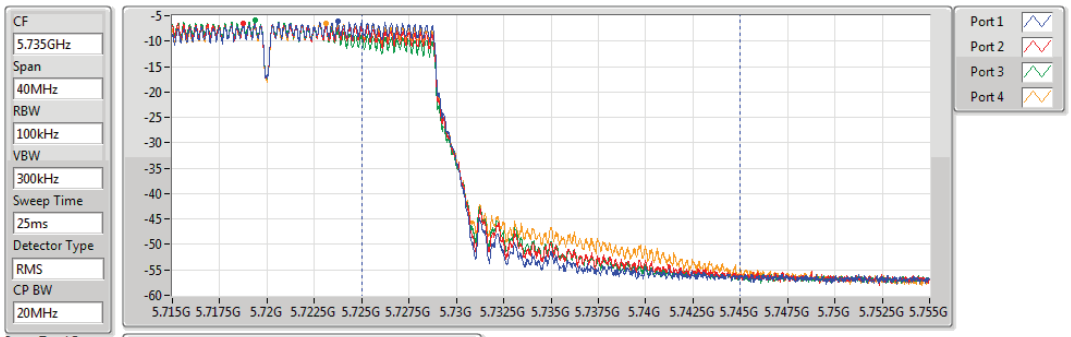
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.73	12.58	12.79	12.86	12.60

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

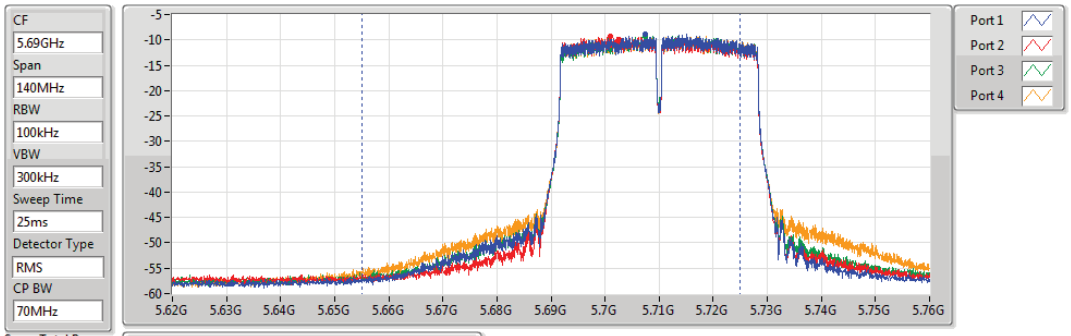
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.72	7.75	6.39	5.03	7.16

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

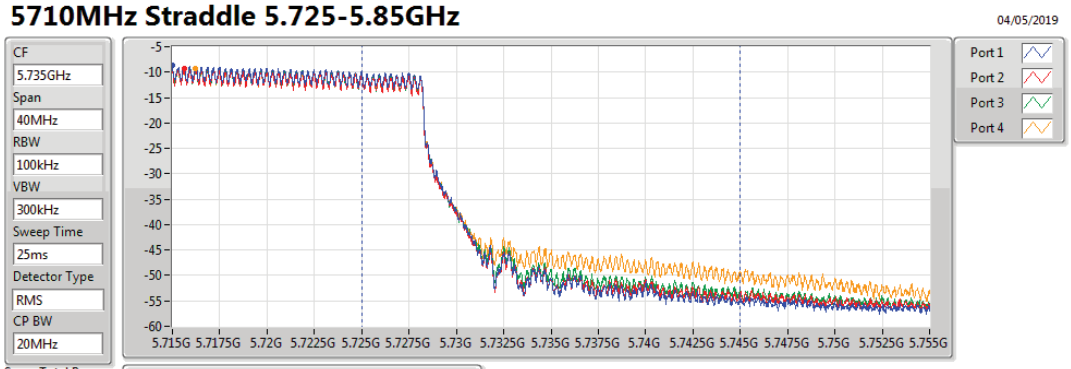
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.78	13.82	13.71	13.76	13.73

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

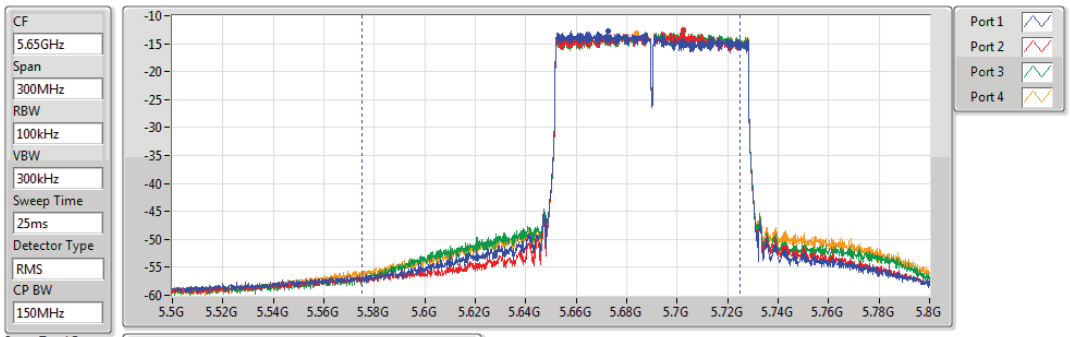
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.01	3.37	2.68	2.95	2.94

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

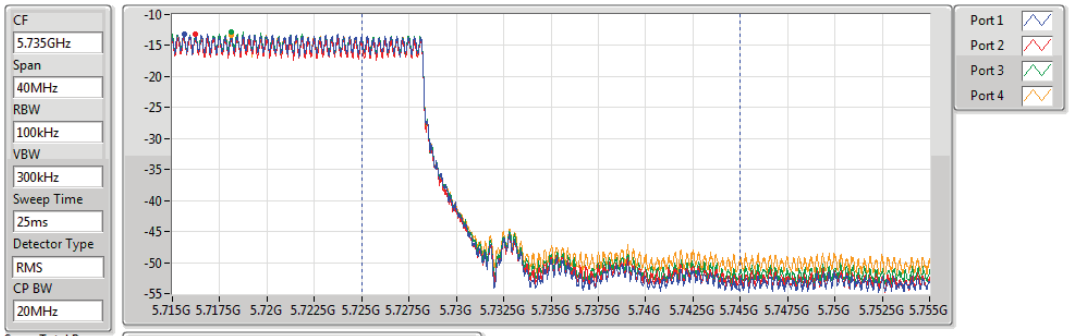
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.92	13.90	13.87	13.91	13.90

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

5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.89	0.02	-0.52	0.06	-0.09

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-1.07	2.93
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.88	16.90
802.11ac VHT20_Nss1,(MCS0)_4TX	6.75	16.77
802.11ac VHT40_Nss1,(MCS0)_4TX	6.59	16.61
802.11ac VHT80_Nss1,(MCS0)_4TX	0.01	10.03
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-2.57	1.43
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.97	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	6.91	16.93
802.11ac VHT40_Nss1,(MCS0)_4TX	6.71	16.73
802.11ac VHT80_Nss1,(MCS0)_4TX	5.93	15.95
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-0.73	9.29
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	3.23	13.25
802.11ac VHT20_Nss1,(MCS0)_4TX	3.49	13.51
802.11ac VHT40_Nss1,(MCS0)_4TX	1.61	11.63
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.41	9.61

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

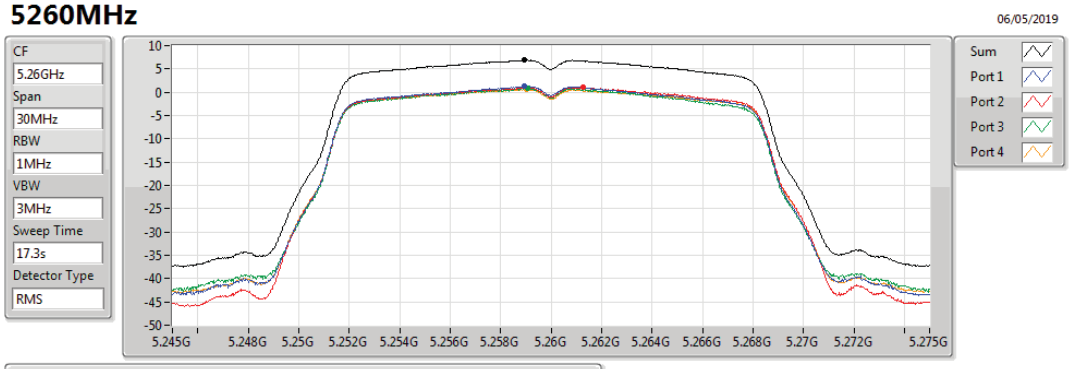
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	1.30	1.02	0.76	0.73	6.88	6.98	16.90	17.00
5300MHz	Pass	10.02	0.93	1.22	0.42	0.73	6.82	6.98	16.84	17.00
5320MHz	Pass	10.02	0.99	1.24	0.26	0.84	6.82	6.98	16.84	17.00
5500MHz	Pass	10.02	0.93	0.98	1.29	0.23	6.81	6.98	16.83	17.00
5580MHz	Pass	10.02	0.79	1.02	0.75	0.50	6.71	6.98	16.73	17.00
5700MHz	Pass	10.02	0.98	1.26	1.21	0.76	6.97	6.98	16.99	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.48	0.82	0.73	0.24	6.53	6.98	16.55	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-3.19	-2.45	-2.60	-2.75	3.23	25.98	13.25	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	0.78	1.16	0.47	0.79	6.75	6.98	16.77	17.00
5300MHz	Pass	10.02	0.51	1.28	0.17	0.75	6.58	6.98	16.60	17.00
5320MHz	Pass	10.02	0.41	1.19	-0.05	0.82	6.56	6.98	16.58	17.00
5500MHz	Pass	10.02	0.42	1.24	1.04	0.24	6.66	6.98	16.68	17.00
5580MHz	Pass	10.02	0.54	1.21	0.52	0.48	6.65	6.98	16.67	17.00
5700MHz	Pass	10.02	0.39	1.44	1.03	0.95	6.91	6.98	16.93	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.45	1.44	0.96	0.88	6.88	6.98	16.90	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-2.76	-2.13	-2.29	-2.60	3.49	25.98	13.51	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	1.10	0.90	0.43	0.24	6.59	6.98	16.61	17.00
5310MHz	Pass	10.02	0.78	0.86	0.01	0.41	6.43	6.98	16.45	17.00
5510MHz	Pass	10.02	-0.45	-0.19	-0.35	-1.27	5.42	6.98	15.44	17.00
5550MHz	Pass	10.02	1.01	1.19	0.54	0.22	6.71	6.98	16.73	17.00
5670MHz	Pass	10.02	0.28	0.76	0.44	0.32	6.42	6.98	16.44	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	0.45	1.07	0.74	0.21	6.55	6.98	16.57	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	-4.49	-4.06	-4.28	-4.58	1.61	25.98	11.63	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	-5.81	-5.61	-6.50	-5.56	0.01	6.98	10.03	17.00
5530MHz	Pass	10.02	-5.83	-6.15	-5.92	-6.04	-0.09	6.98	9.93	17.00
5610MHz	Pass	10.02	-0.55	-0.44	-0.34	-1.18	5.30	6.98	15.32	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	-0.17	0.12	0.32	-0.14	5.93	6.98	15.95	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	-6.39	-6.28	-6.46	-6.31	-0.41	25.98	9.61	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	4.00	-4.33	-3.85			-1.07	17.00	2.93	23.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	4.00			-5.07	-6.01	-2.57	11.00	1.43	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	-3.72	-3.63	-5.55	-8.35	-0.73	6.98	9.29	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

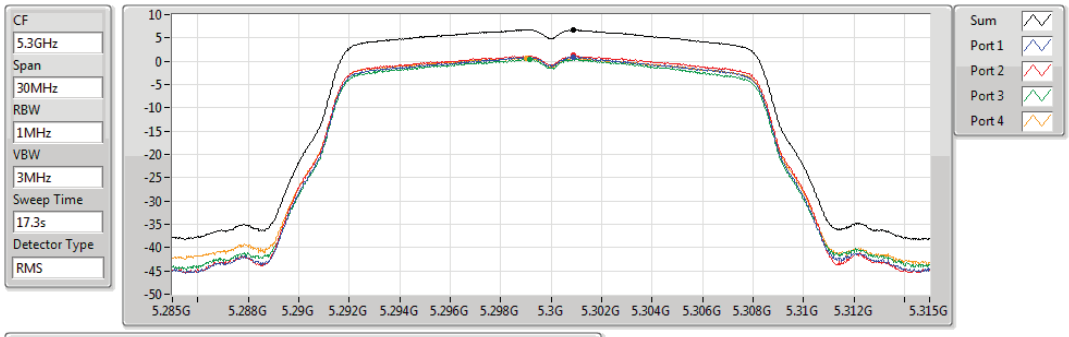
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.30	1.02	0.76	0.73

802.11a_Nss1,(6Mbps)_4TX PSD

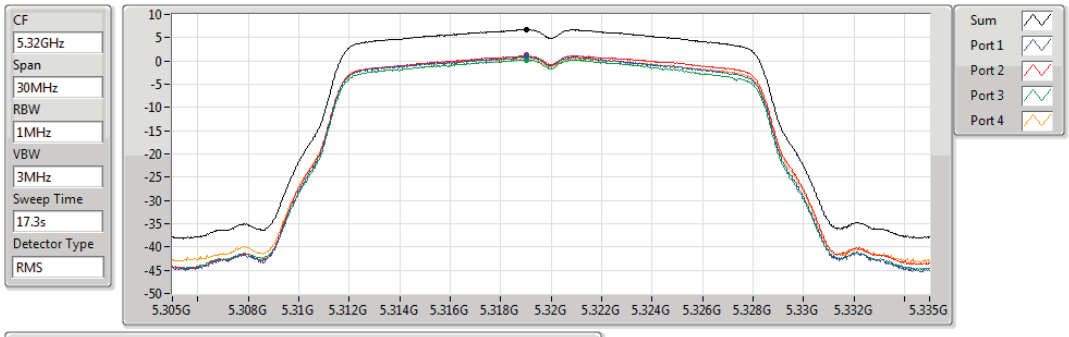
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	0.93	1.22	0.42	0.73

802.11a_Nss1,(6Mbps)_4TX PSD

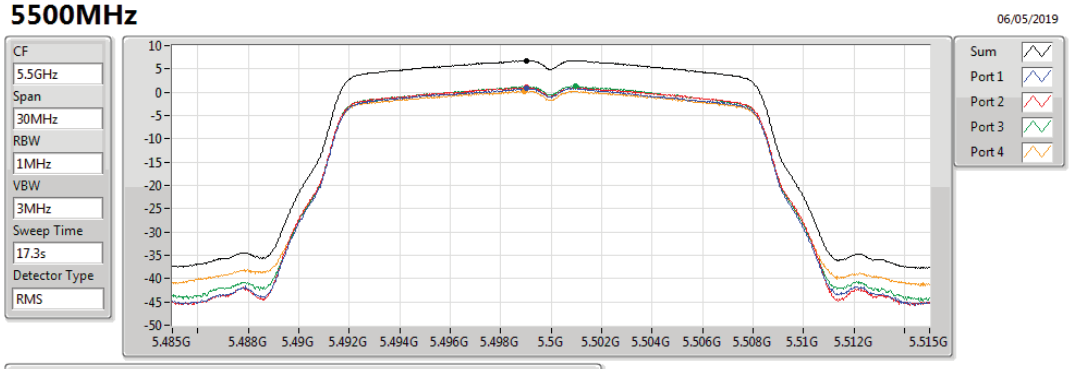
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	0.99	1.24	0.26	0.84

802.11a_Nss1,(6Mbps)_4TX PSD

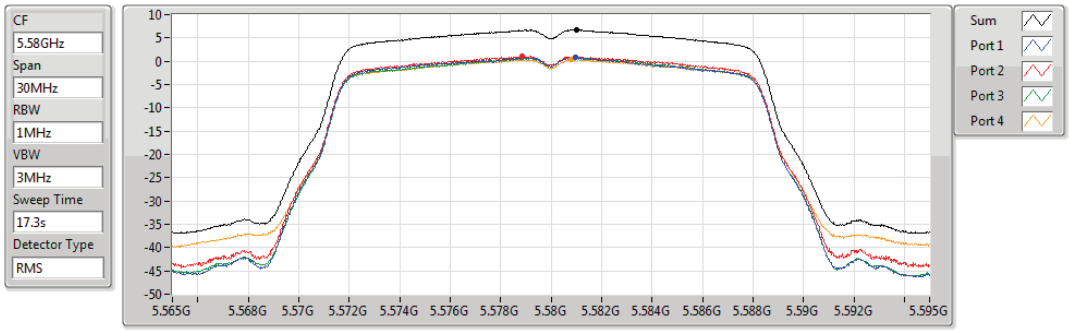
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	0.93	0.98	1.29	0.23

802.11a_Nss1,(6Mbps)_4TX PSD

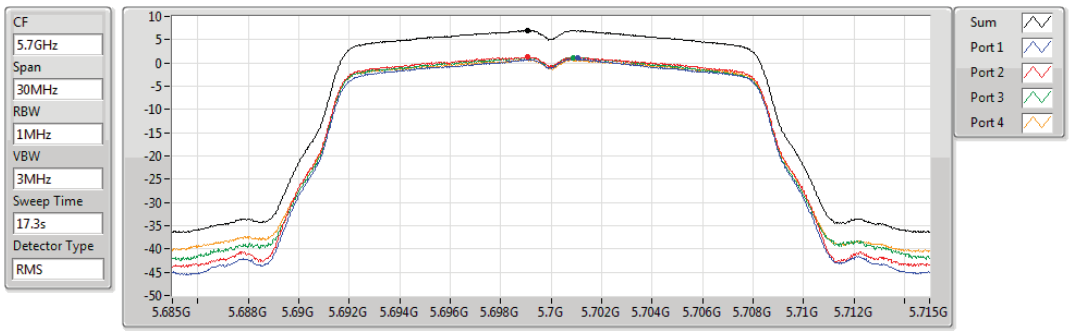
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	0.79	1.02	0.75	0.50

802.11a_Nss1,(6Mbps)_4TX PSD

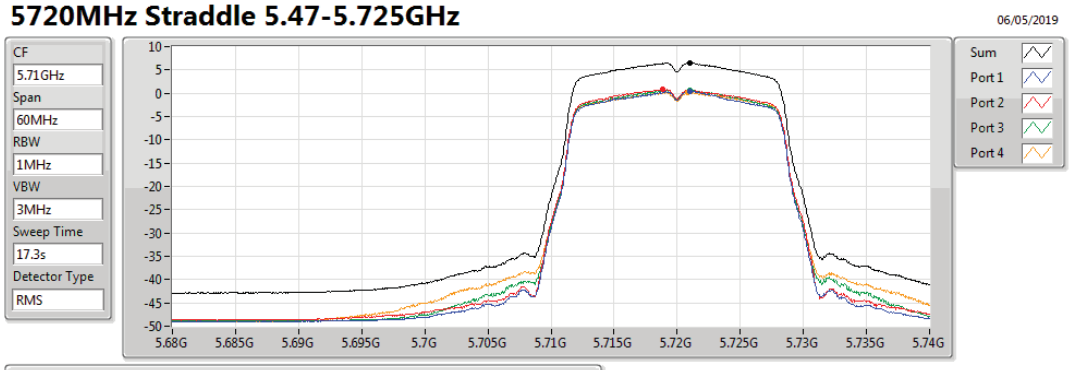
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	0.98	1.26	1.21	0.76

802.11a_Nss1,(6Mbps)_4TX PSD

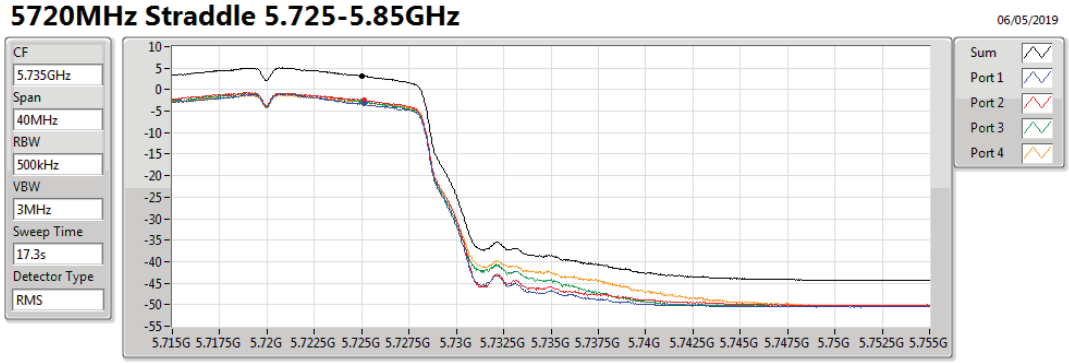
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	0.48	0.82	0.73	0.24

802.11a_Nss1,(6Mbps)_4TX PSD

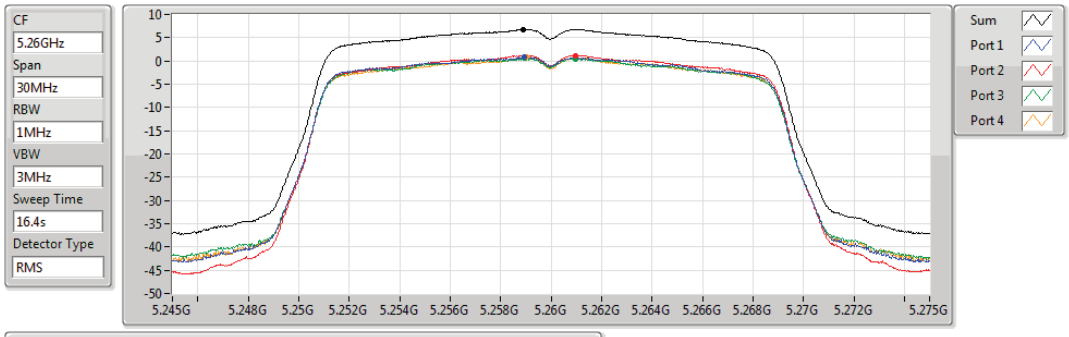
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	-3.19	-2.45	-2.60	-2.75

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

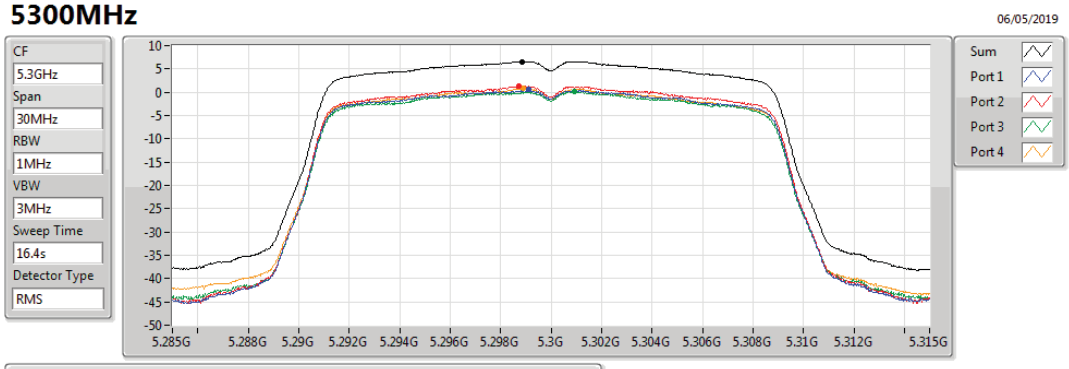
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	0.78	1.16	0.47	0.79

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

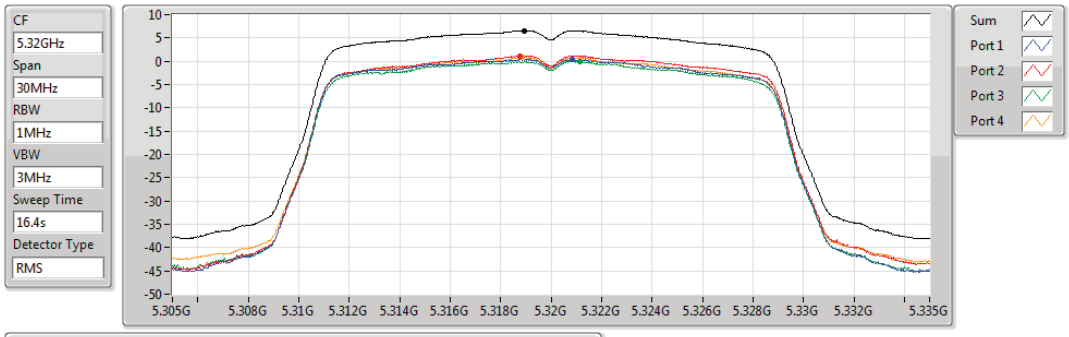
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	0.51	1.28	0.17	0.75

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

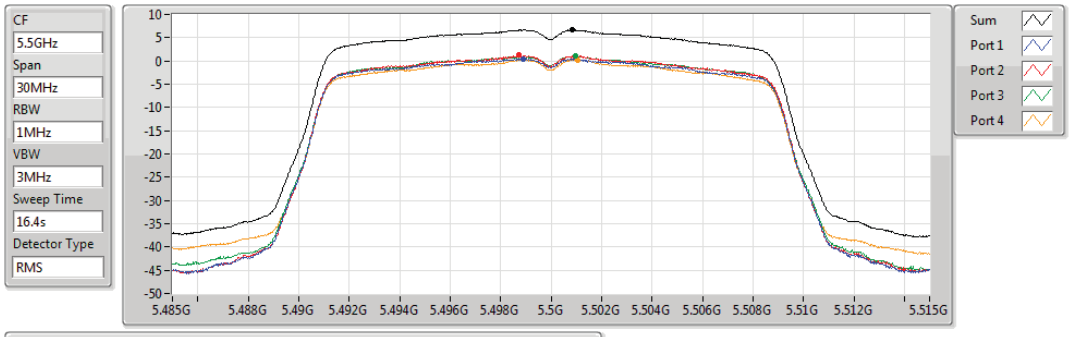
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	0.41	1.19	-0.05	0.82

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

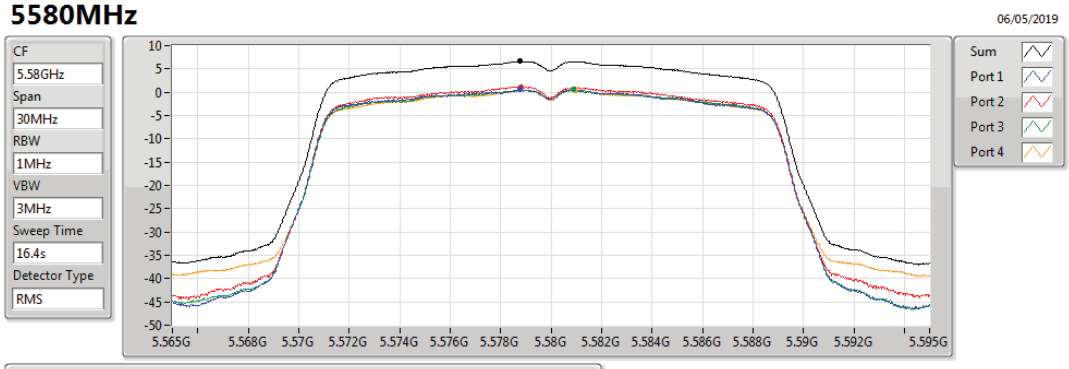
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	0.42	1.24	1.04	0.24

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

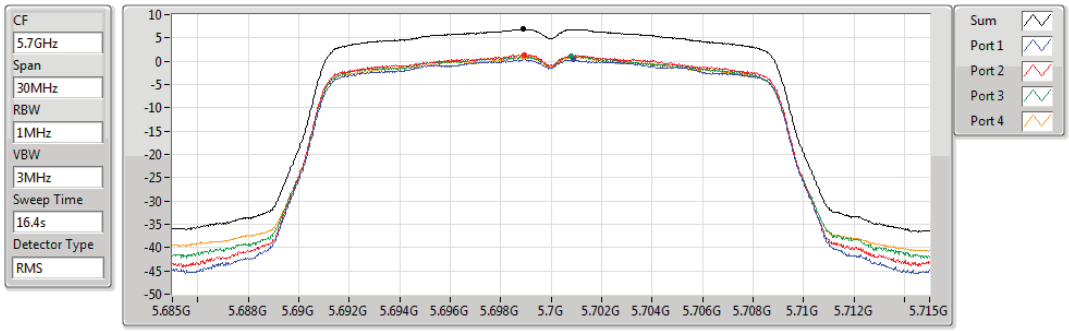
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	0.54	1.21	0.52	0.48

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

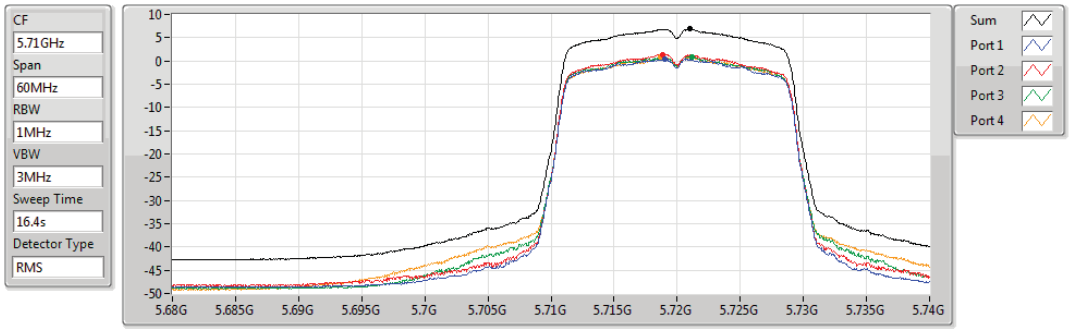
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	0.39	1.44	1.03	0.95

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

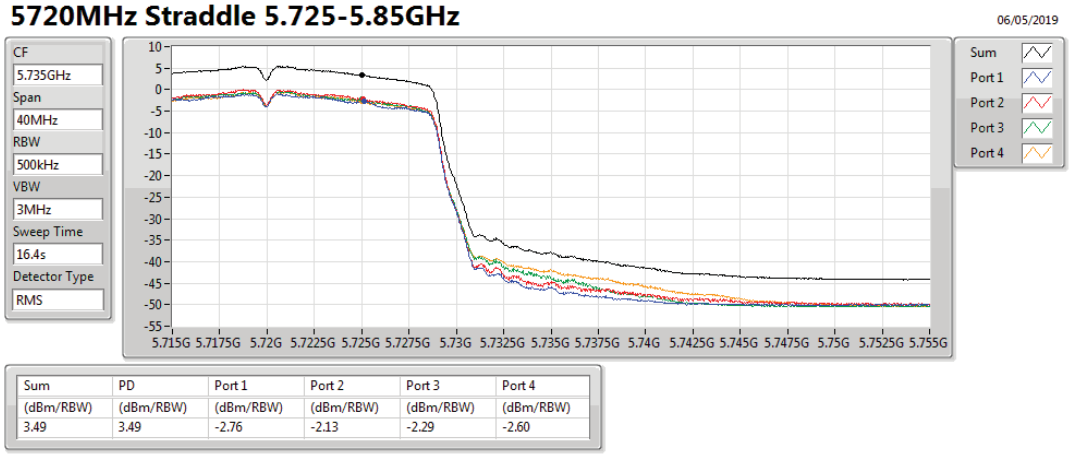
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	0.45	1.44	0.96	0.88

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

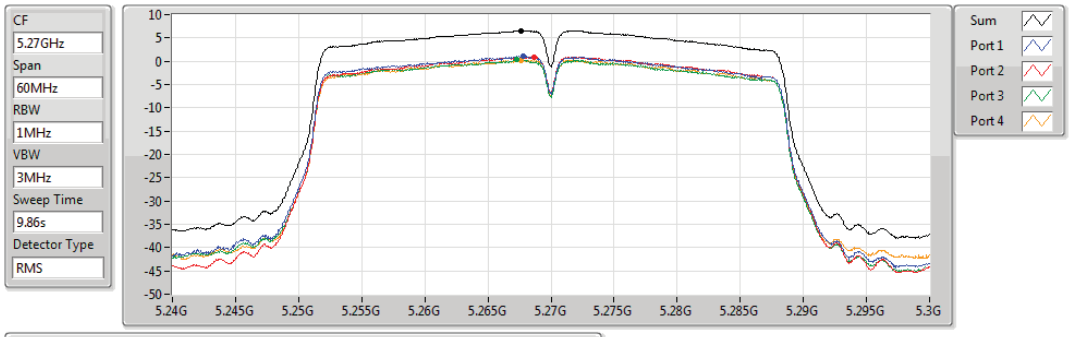
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.49	3.49	-2.76	-2.13	-2.29	-2.60

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

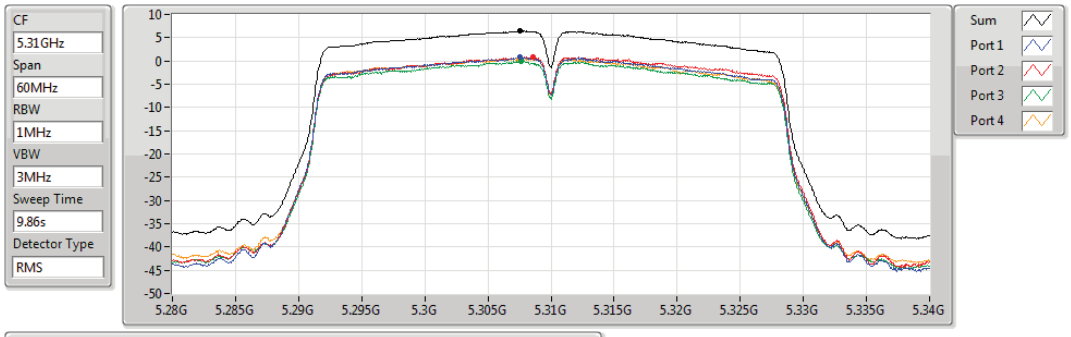
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	1.10	0.90	0.43	0.24

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

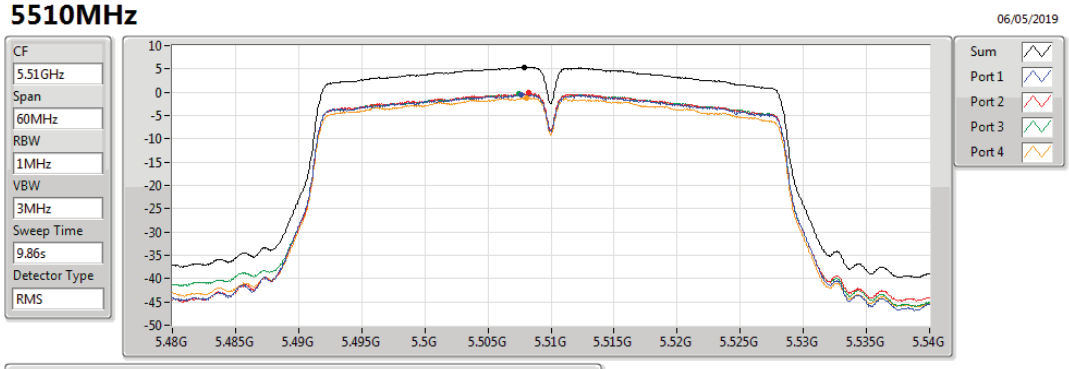
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	0.78	0.86	0.01	0.41

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

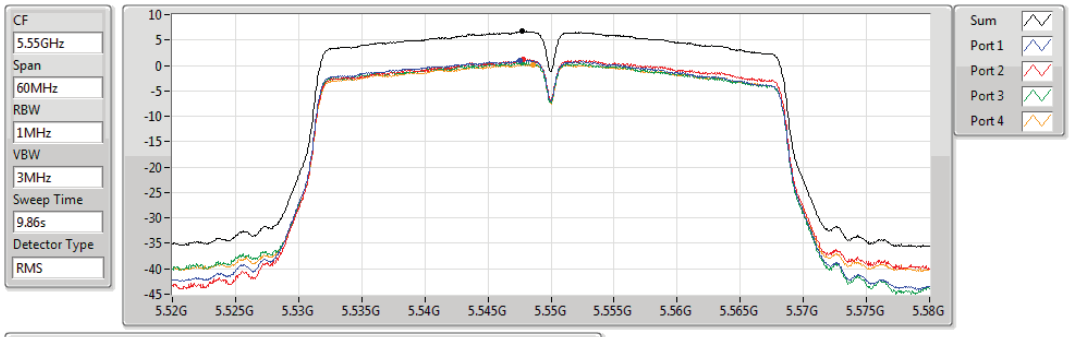
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	-0.45	-0.19	-0.35	-1.27

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

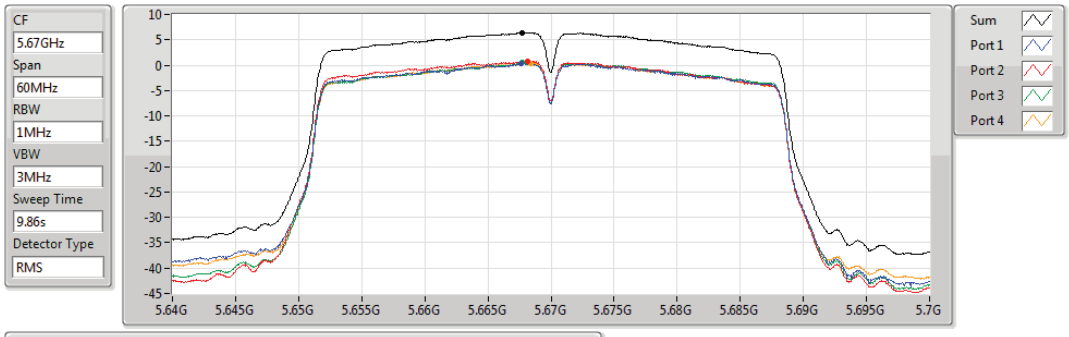
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	1.01	1.19	0.54	0.22

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

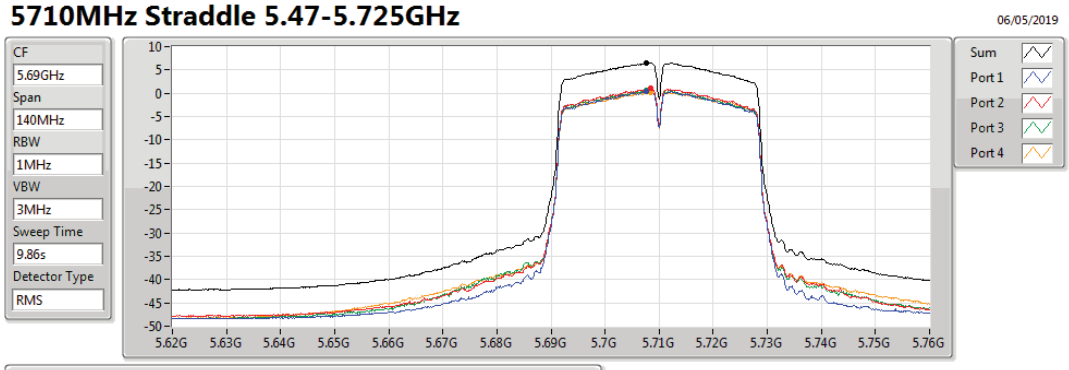
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.42	6.42	0.28	0.76	0.44	0.32

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

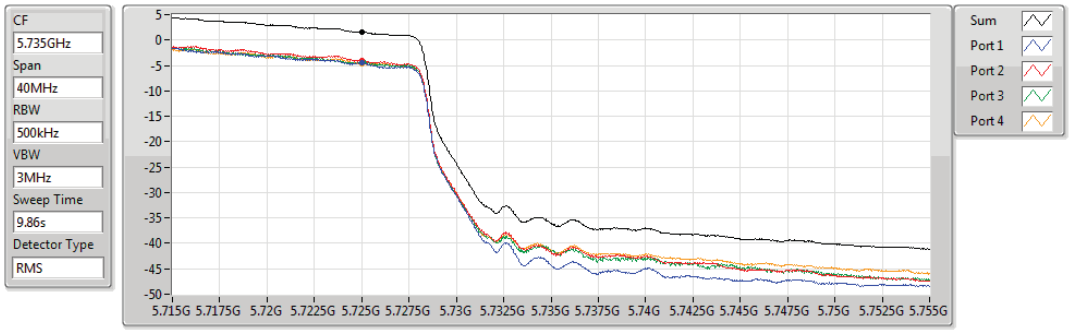
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	0.45	1.07	0.74	0.21

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

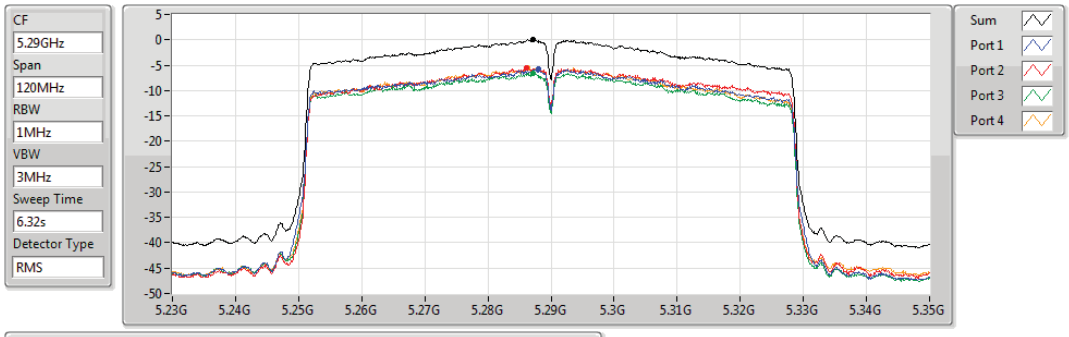
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	-4.49	-4.06	-4.28	-4.58

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

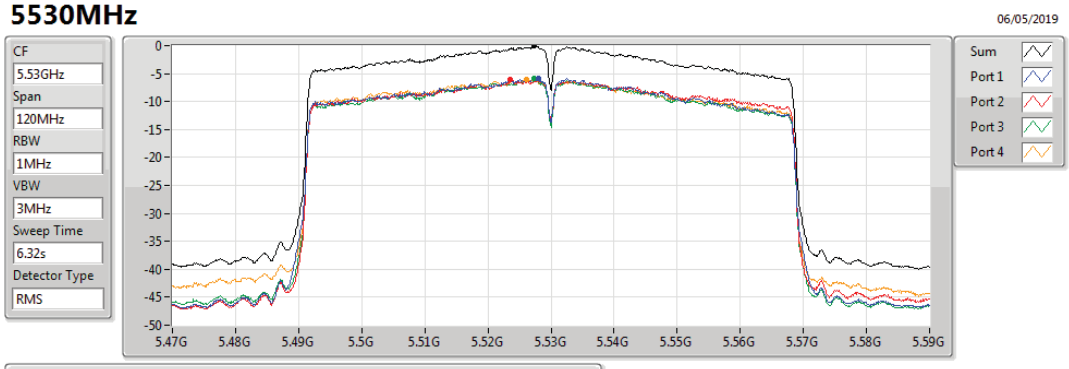
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.01	0.01	-5.81	-5.61	-6.50	-5.56

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

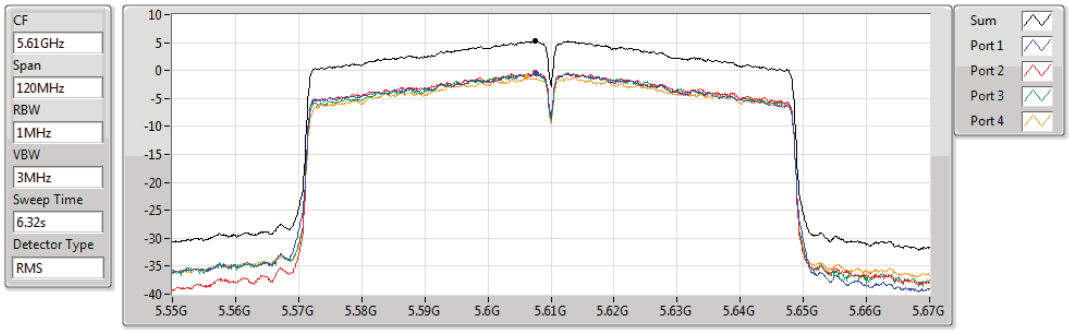
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-5.83	-6.15	-5.92	-6.04

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

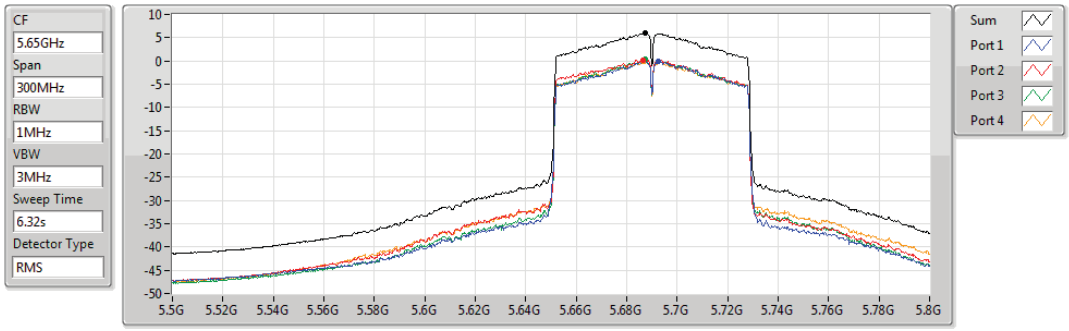
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-0.55	-0.44	-0.34	-1.18

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

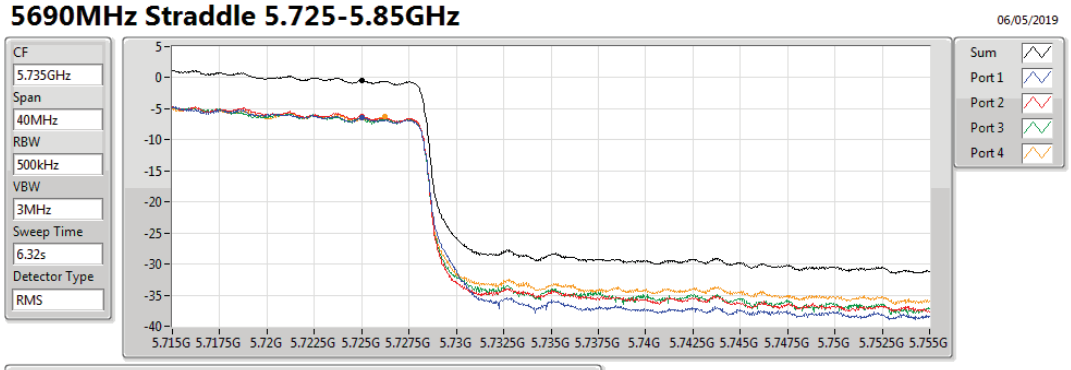
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	-0.17	0.12	0.32	-0.14

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

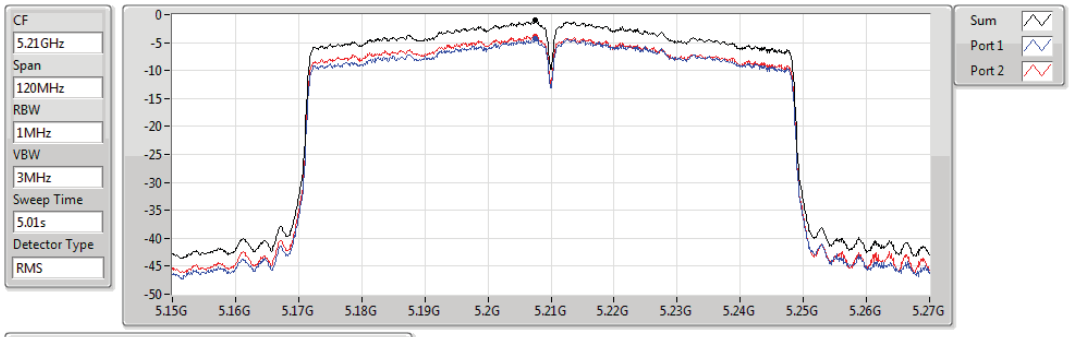
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-6.39	-6.28	-6.46	-6.31

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2) PSD

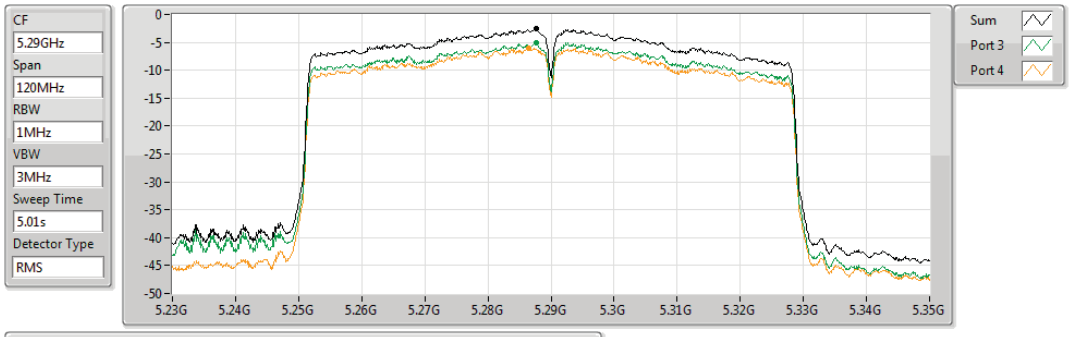
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.07	-1.07	-4.33	-3.85

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4) PSD

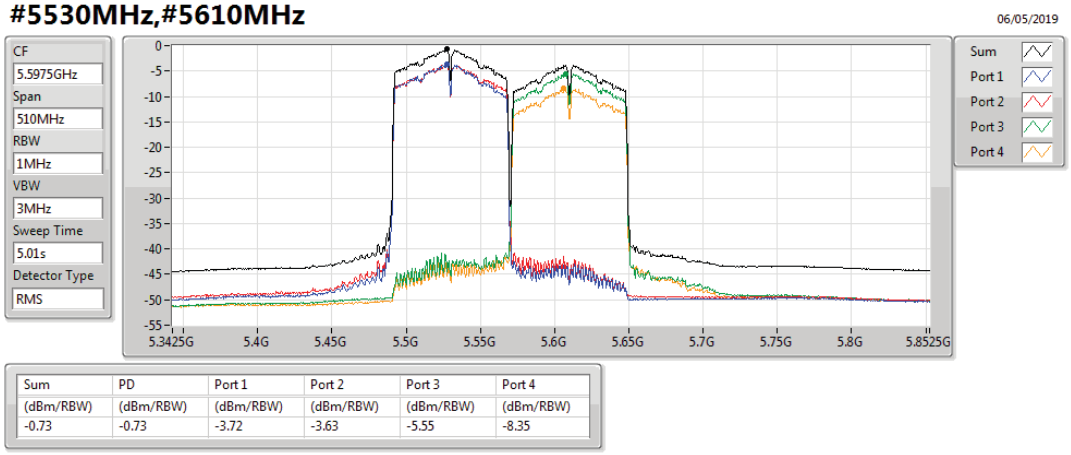
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.57	-2.57			-5.07	-6.01

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

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-3.72	-3.63	-5.55	-8.35

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-1.07	2.93
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.88	16.90
802.11ac VHT20_Nss1,(MCS0)_4TX	6.75	16.77
802.11ac VHT40_Nss1,(MCS0)_4TX	6.59	16.61
802.11ac VHT80_Nss1,(MCS0)_4TX	0.01	10.03
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-2.57	1.43
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.97	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	6.91	16.93
802.11ac VHT40_Nss1,(MCS0)_4TX	6.71	16.73
802.11ac VHT80_Nss1,(MCS0)_4TX	5.93	15.95
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-0.73	9.29
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	3.23	13.25
802.11ac VHT20_Nss1,(MCS0)_4TX	3.49	13.51
802.11ac VHT40_Nss1,(MCS0)_4TX	1.61	11.63
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.41	9.61

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

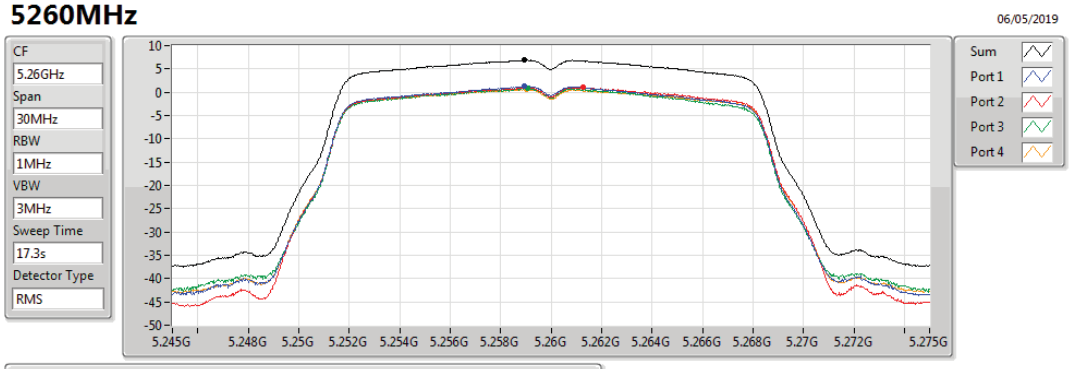
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	1.30	1.02	0.76	0.73	6.88	6.98	16.90	17.00
5300MHz	Pass	10.02	0.93	1.22	0.42	0.73	6.82	6.98	16.84	17.00
5320MHz	Pass	10.02	0.99	1.24	0.26	0.84	6.82	6.98	16.84	17.00
5500MHz	Pass	10.02	0.93	0.98	1.29	0.23	6.81	6.98	16.83	17.00
5580MHz	Pass	10.02	0.79	1.02	0.75	0.50	6.71	6.98	16.73	17.00
5700MHz	Pass	10.02	0.98	1.26	1.21	0.76	6.97	6.98	16.99	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.48	0.82	0.73	0.24	6.53	6.98	16.55	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-3.19	-2.45	-2.60	-2.75	3.23	25.98	13.25	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	0.78	1.16	0.47	0.79	6.75	6.98	16.77	17.00
5300MHz	Pass	10.02	0.51	1.28	0.17	0.75	6.58	6.98	16.60	17.00
5320MHz	Pass	10.02	0.41	1.19	-0.05	0.82	6.56	6.98	16.58	17.00
5500MHz	Pass	10.02	0.42	1.24	1.04	0.24	6.66	6.98	16.68	17.00
5580MHz	Pass	10.02	0.54	1.21	0.52	0.48	6.65	6.98	16.67	17.00
5700MHz	Pass	10.02	0.39	1.44	1.03	0.95	6.91	6.98	16.93	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.45	1.44	0.96	0.88	6.88	6.98	16.90	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-2.76	-2.13	-2.29	-2.60	3.49	25.98	13.51	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	1.10	0.90	0.43	0.24	6.59	6.98	16.61	17.00
5310MHz	Pass	10.02	0.78	0.86	0.01	0.41	6.43	6.98	16.45	17.00
5510MHz	Pass	10.02	-0.45	-0.19	-0.35	-1.27	5.42	6.98	15.44	17.00
5550MHz	Pass	10.02	1.01	1.19	0.54	0.22	6.71	6.98	16.73	17.00
5670MHz	Pass	10.02	0.28	0.76	0.44	0.32	6.42	6.98	16.44	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	0.45	1.07	0.74	0.21	6.55	6.98	16.57	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	-4.49	-4.06	-4.28	-4.58	1.61	25.98	11.63	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	-5.81	-5.61	-6.50	-5.56	0.01	6.98	10.03	17.00
5530MHz	Pass	10.02	-5.83	-6.15	-5.92	-6.04	-0.09	6.98	9.93	17.00
5610MHz	Pass	10.02	-0.55	-0.44	-0.34	-1.18	5.30	6.98	15.32	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	-0.17	0.12	0.32	-0.14	5.93	6.98	15.95	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	-6.39	-6.28	-6.46	-6.31	-0.41	25.98	9.61	36.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	4.00	-4.33	-3.85			-1.07	17.00	2.93	23.00
802.11ac VHT80+80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	4.00			-5.07	-6.01	-2.57	11.00	1.43	17.00
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	-3.72	-3.63	-5.55	-8.35	-0.73	6.98	9.29	17.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

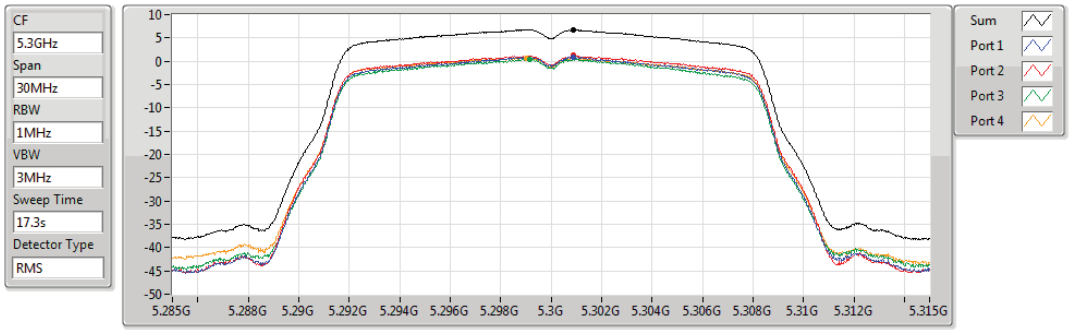
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.30	1.02	0.76	0.73

802.11a_Nss1,(6Mbps)_4TX PSD

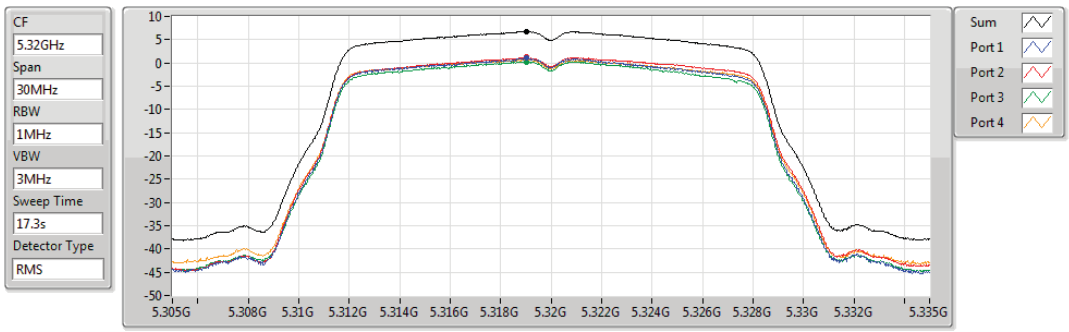
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	0.93	1.22	0.42	0.73

802.11a_Nss1,(6Mbps)_4TX PSD

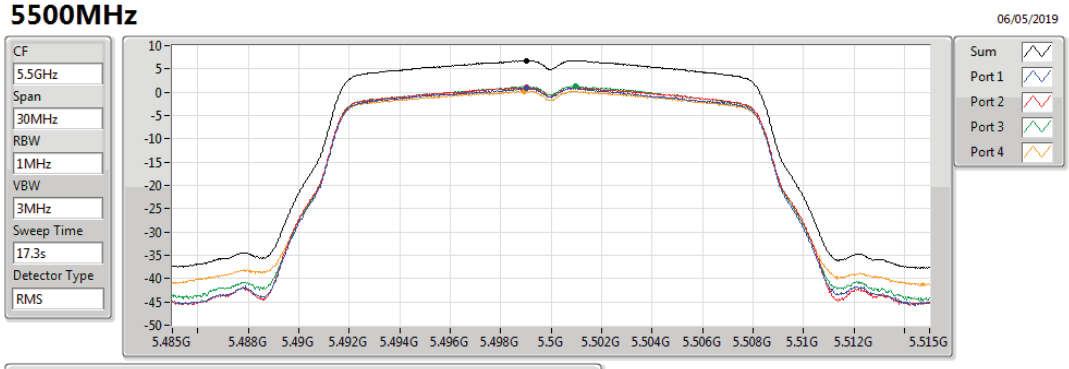
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	0.99	1.24	0.26	0.84

802.11a_Nss1,(6Mbps)_4TX PSD

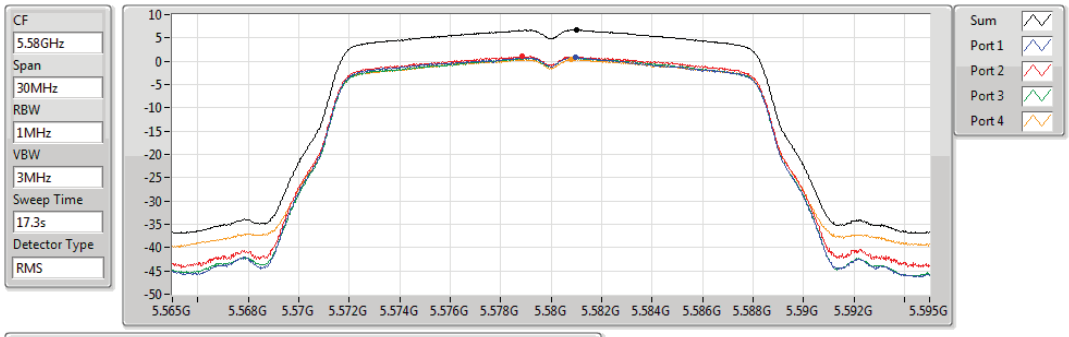
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	0.93	0.98	1.29	0.23

802.11a_Nss1,(6Mbps)_4TX PSD

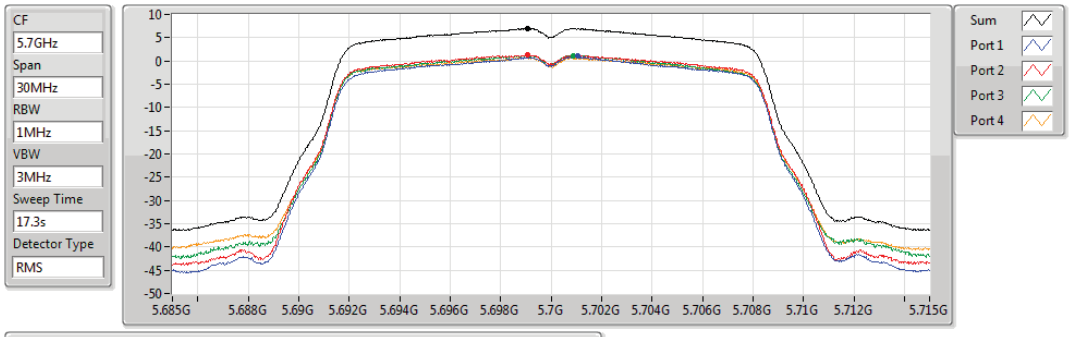
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	0.79	1.02	0.75	0.50

802.11a_Nss1,(6Mbps)_4TX PSD

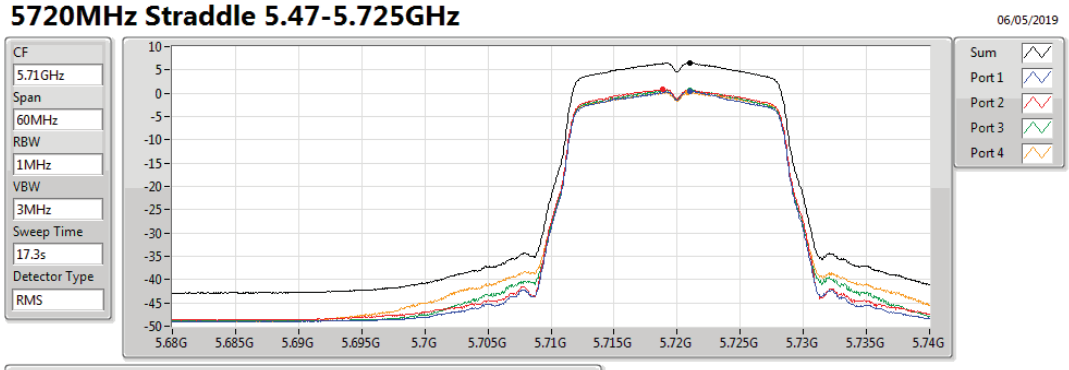
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	0.98	1.26	1.21	0.76

802.11a_Nss1,(6Mbps)_4TX PSD

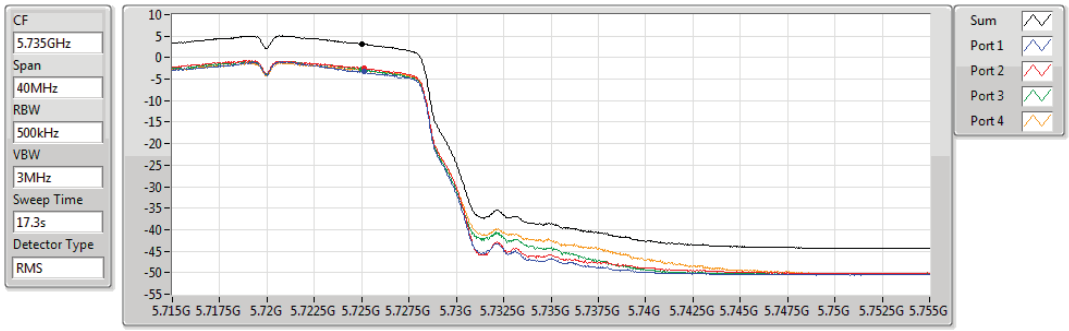
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	0.48	0.82	0.73	0.24

802.11a_Nss1,(6Mbps)_4TX PSD

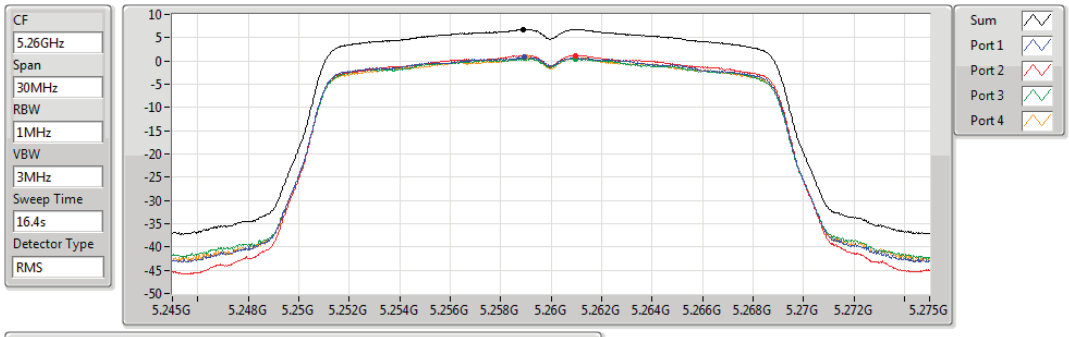
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	-3.19	-2.45	-2.60	-2.75

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

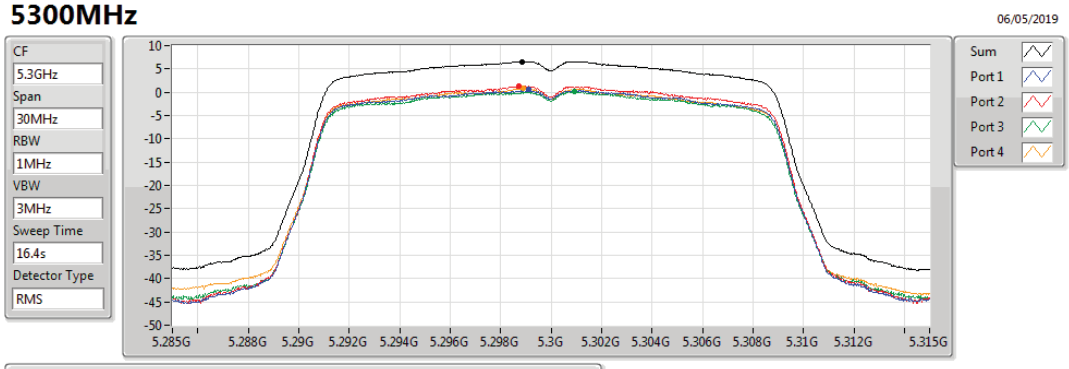
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	0.78	1.16	0.47	0.79

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

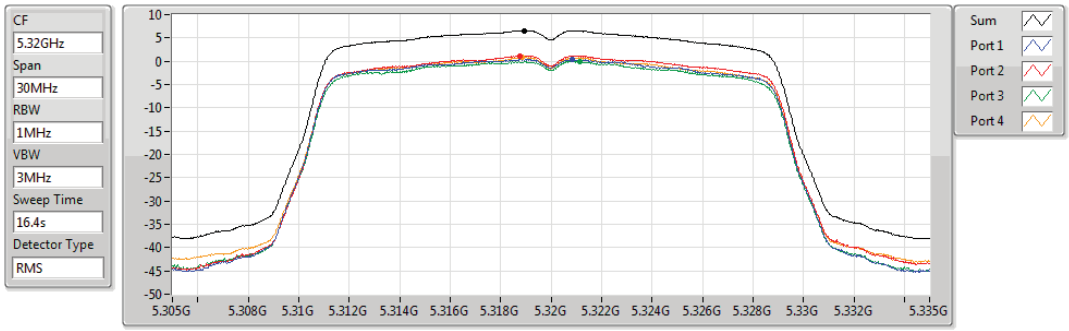
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	0.51	1.28	0.17	0.75

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

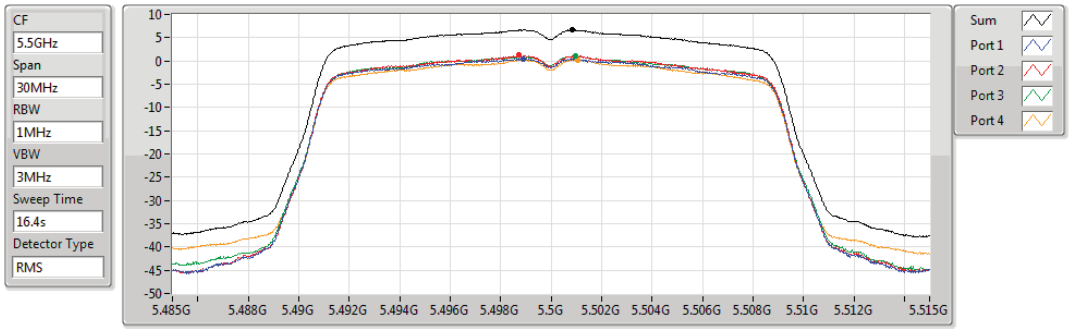
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	0.41	1.19	-0.05	0.82

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

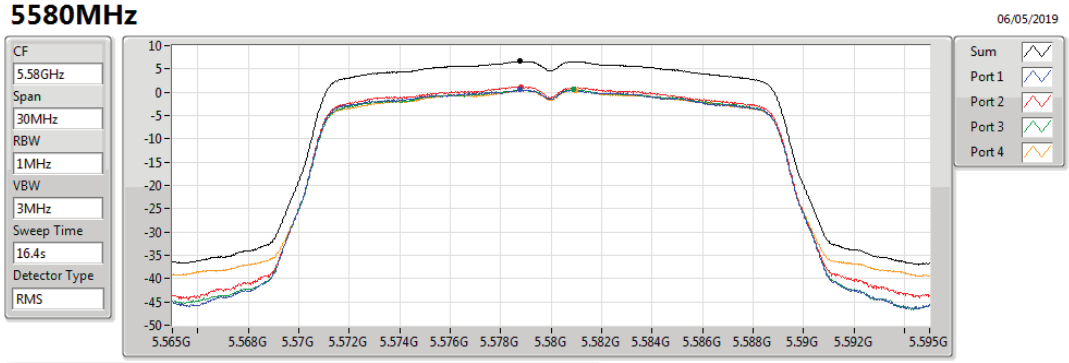
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.66	6.66	0.42	1.24	1.04	0.24

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

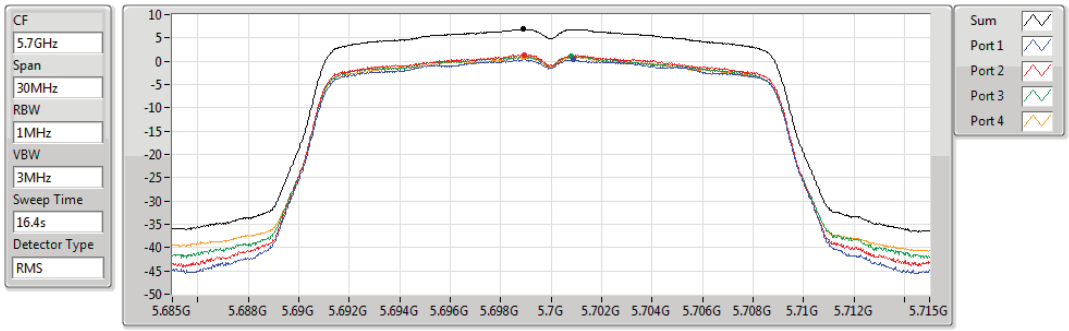
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	0.54	1.21	0.52	0.48

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

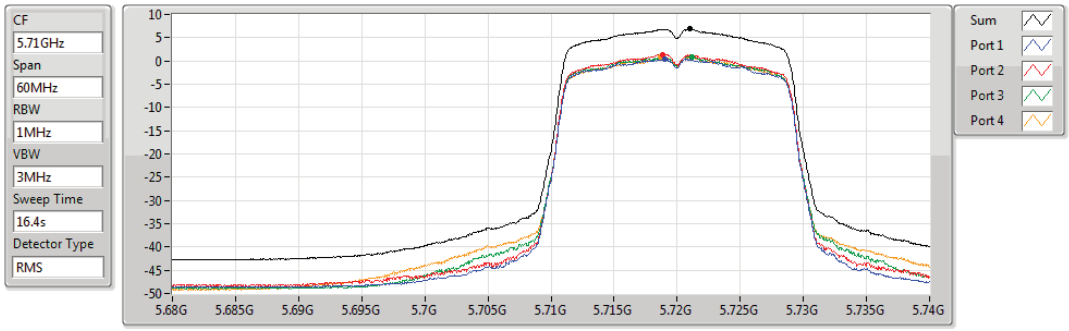
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	0.39	1.44	1.03	0.95

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

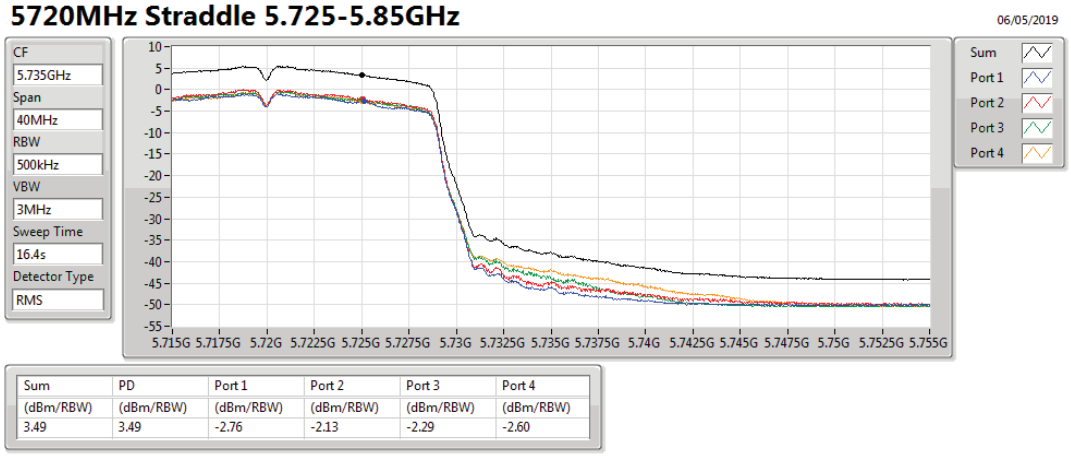
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	0.45	1.44	0.96	0.88

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

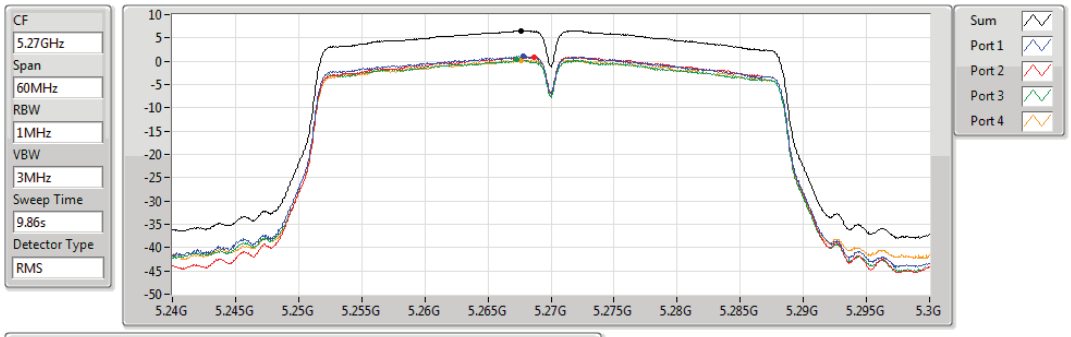
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.49	3.49	-2.76	-2.13	-2.29	-2.60

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

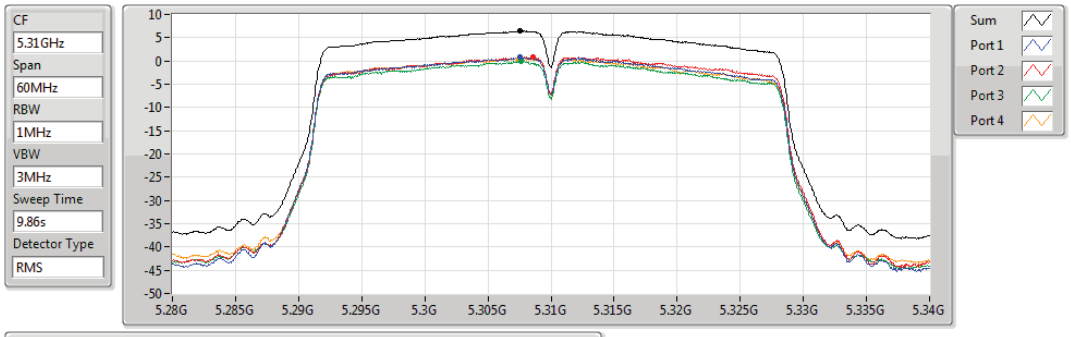
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	1.10	0.90	0.43	0.24

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

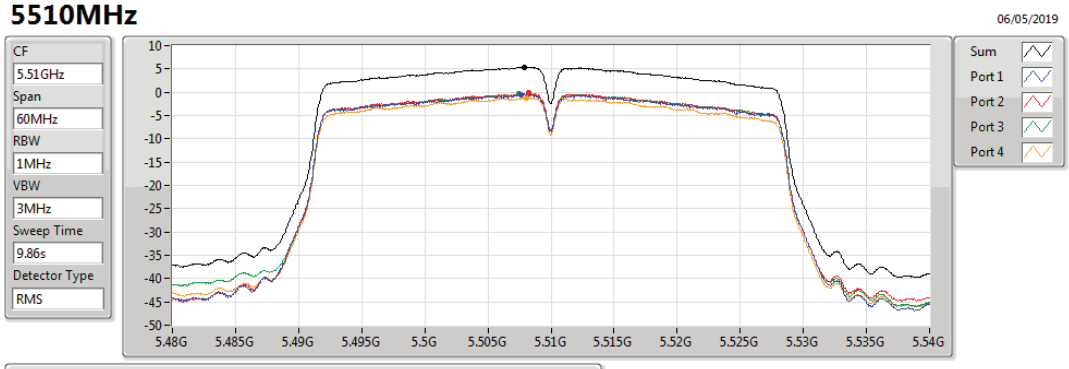
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	0.78	0.86	0.01	0.41

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

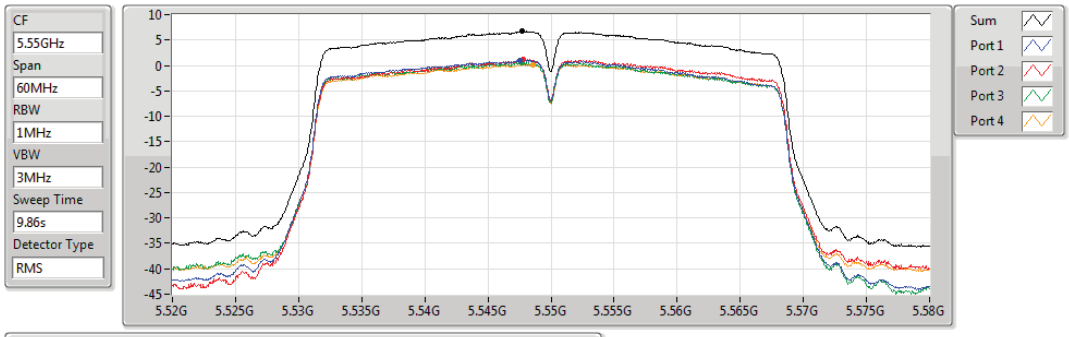
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	-0.45	-0.19	-0.35	-1.27

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

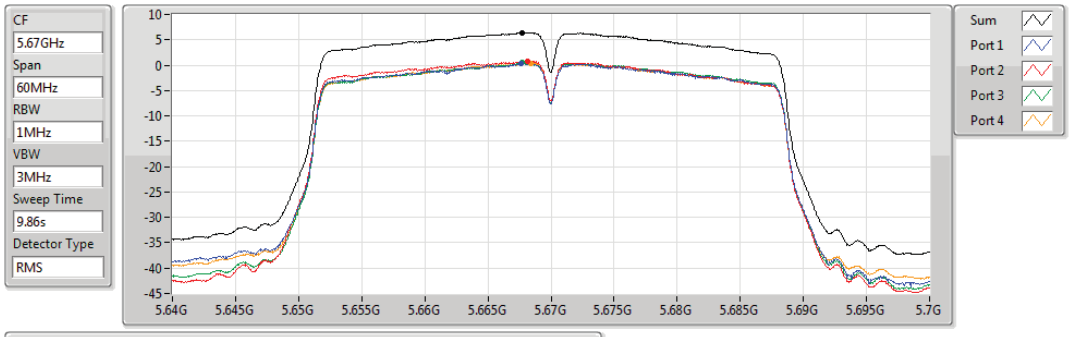
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	1.01	1.19	0.54	0.22

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

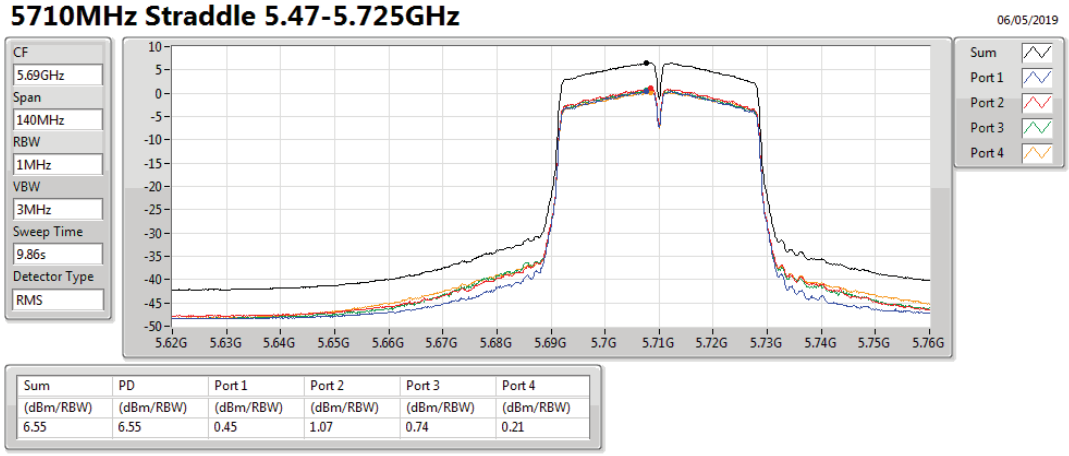
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.42	6.42	0.28	0.76	0.44	0.32

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

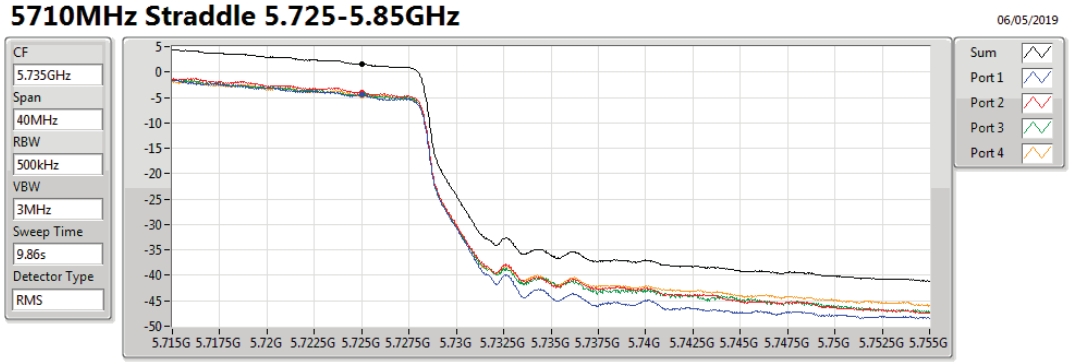
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	0.45	1.07	0.74	0.21

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

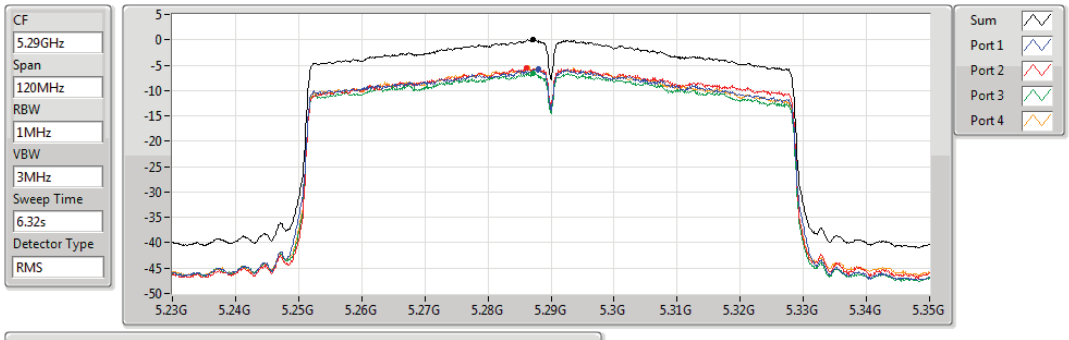
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	-4.49	-4.06	-4.28	-4.58

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

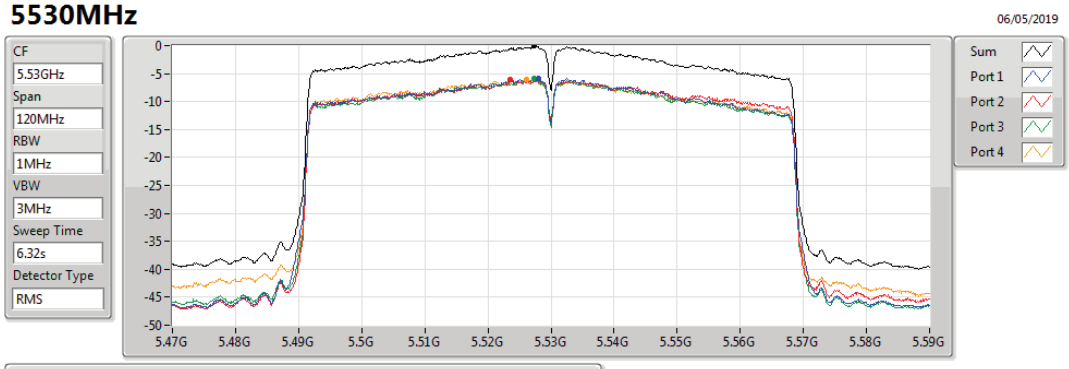
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.01	0.01	-5.81	-5.61	-6.50	-5.56

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

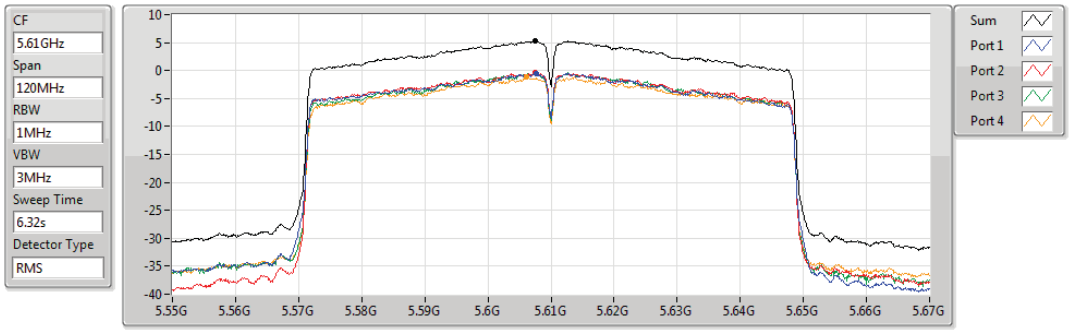
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-5.83	-6.15	-5.92	-6.04

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

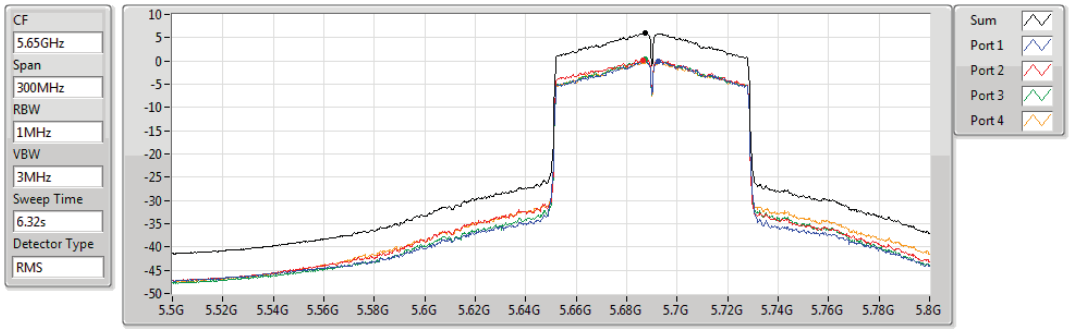
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-0.55	-0.44	-0.34	-1.18

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

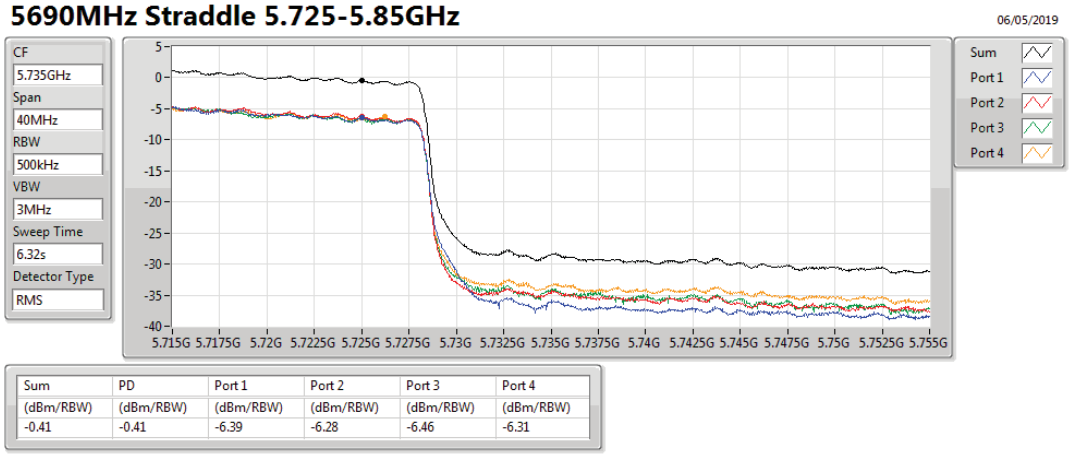
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	-0.17	0.12	0.32	-0.14

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

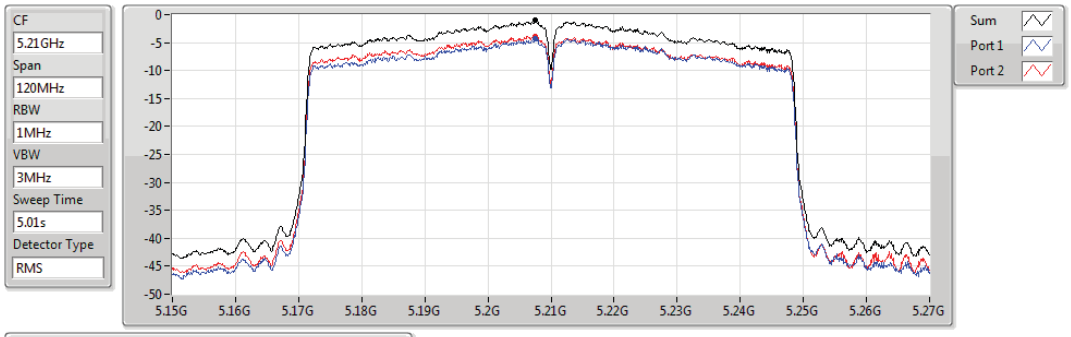
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.41	-0.41	-6.39	-6.28	-6.46	-6.31

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port1&Port2) PSD

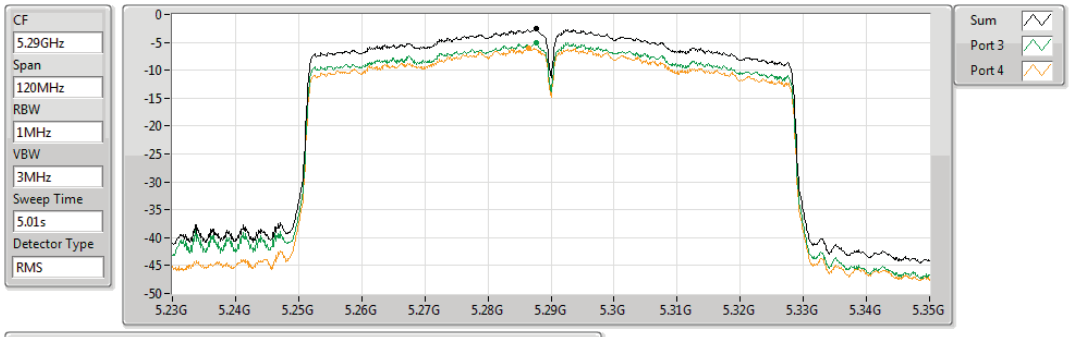
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.07	-1.07	-4.33	-3.85

802.11ac VHT80+80_Nss2,(MCS0)_2TX(Port3&Port4) PSD

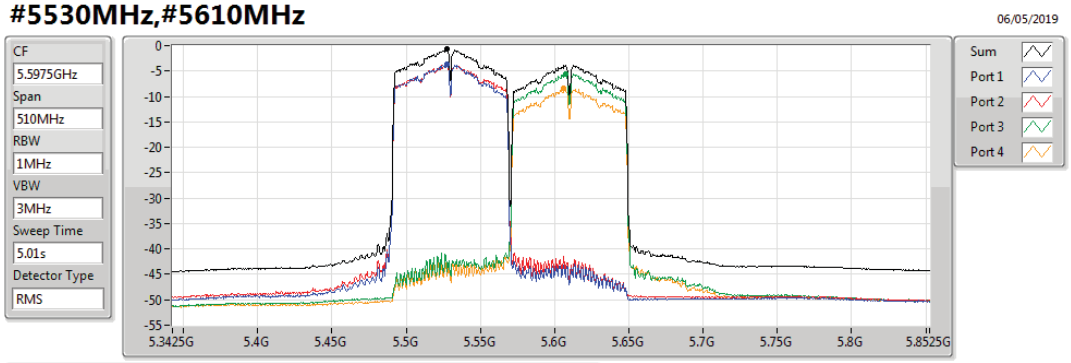
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.57	-2.57			-5.07	-6.01

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

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-3.72	-3.63	-5.55	-8.35

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-3.32	3.69
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.96	16.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.22	14.24
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.62	10.64
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-4.23	2.78
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.92	16.94
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.07	14.09
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.66	10.68
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-4.82	5.20
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	4.59	14.61
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	1.47	11.49
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.85	8.17

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

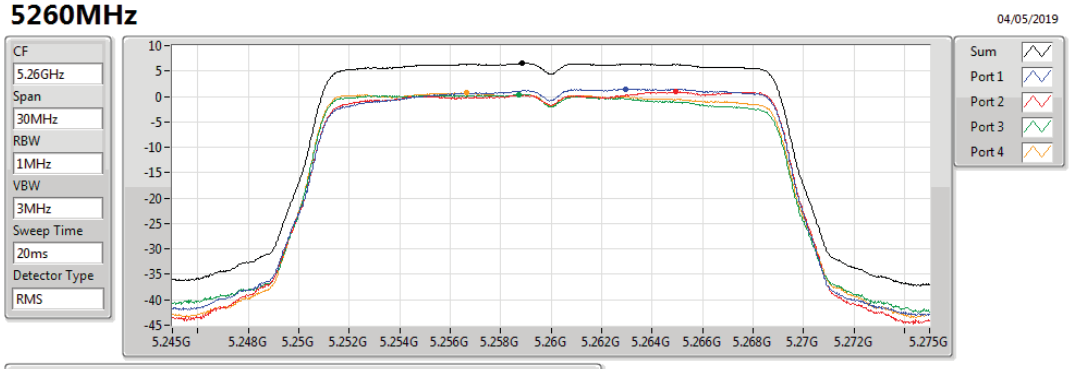
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	1.49	0.88	0.37	0.73	6.55	6.98	16.57	17.00
5300MHz	Pass	10.02	1.26	1.98	0.46	1.74	6.94	6.98	16.96	17.00
5320MHz	Pass	10.02	1.02	1.26	0.62	1.41	6.96	6.98	16.98	17.00
5500MHz	Pass	10.02	0.88	1.08	1.42	0.46	6.92	6.98	16.94	17.00
5580MHz	Pass	10.02	0.92	1.06	1.07	1.32	6.74	6.98	16.76	17.00
5700MHz	Pass	10.02	0.50	0.75	0.82	0.37	6.53	6.98	16.55	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.39	0.71	0.67	0.98	6.62	6.98	16.64	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-0.44	-1.61	-2.53	-1.17	4.59	25.98	14.61	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	-1.29	-1.29	-1.83	-1.96	4.22	6.98	14.24	17.00
5310MHz	Pass	10.02	-1.45	-1.85	-2.73	-1.83	4.02	6.98	14.04	17.00
5510MHz	Pass	10.02	-1.74	-2.00	-1.40	-2.52	4.04	6.98	14.06	17.00
5550MHz	Pass	10.02	-1.63	-1.91	-1.94	-1.63	3.98	6.98	14.00	17.00
5670MHz	Pass	10.02	-1.56	-2.31	-1.99	-2.07	3.94	6.98	13.96	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	-1.72	-1.60	-1.83	-2.02	4.07	6.98	14.09	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	-4.10	-5.02	-4.44	-4.55	1.47	25.98	11.49	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	-4.74	-4.69	-5.52	-5.22	0.62	6.98	10.64	17.00
5530MHz	Pass	10.02	-5.36	-5.32	-5.57	-5.16	0.66	6.98	10.68	17.00
5610MHz	Pass	10.02	-4.95	-5.41	-5.08	-5.18	0.41	6.98	10.43	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	-5.40	-5.52	-5.23	-5.44	0.50	6.98	10.52	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	-7.73	-8.09	-7.59	-7.69	-1.85	25.98	8.17	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	7.01	-6.04	-5.65			-3.32	15.99	3.69	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	7.01			-7.81	-6.68	-4.23	9.99	2.78	17.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	-7.84	-7.82	-9.80	-9.97	-4.82	6.98	5.20	17.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

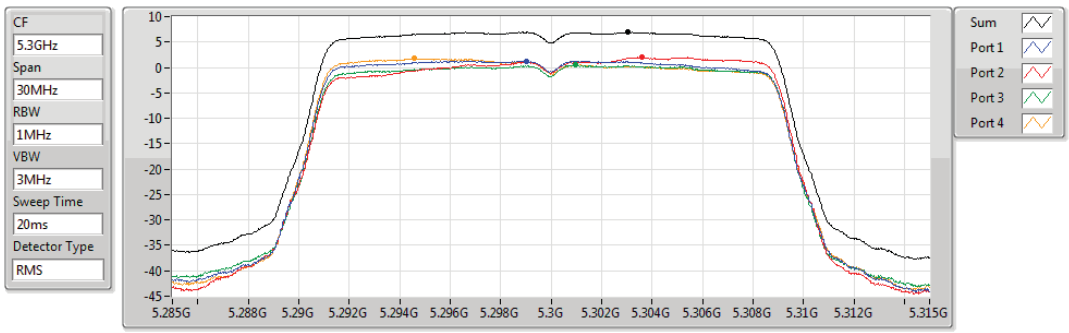
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	1.49	0.88	0.37	0.73

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

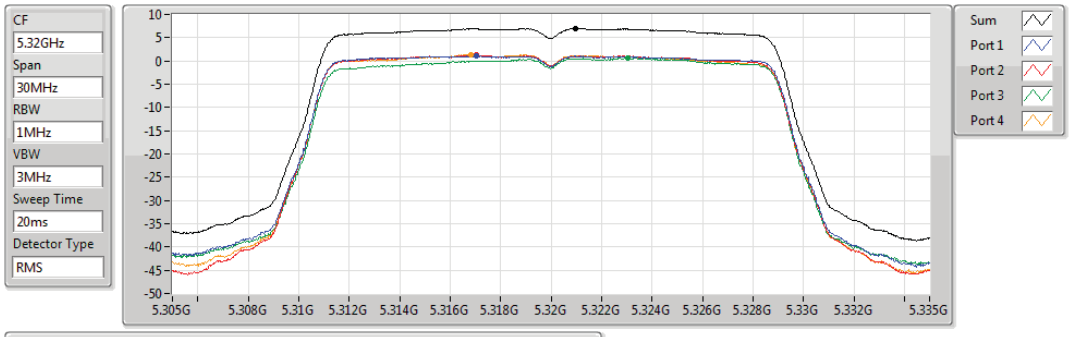
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	1.26	1.98	0.46	1.74

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

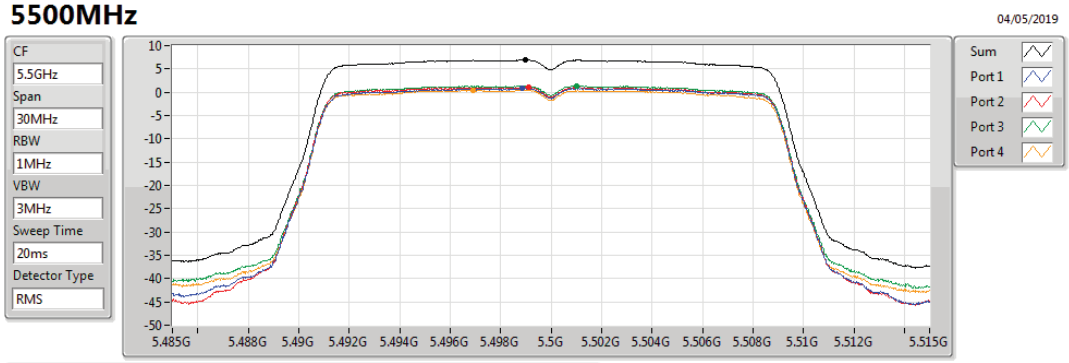
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	1.02	1.26	0.62	1.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

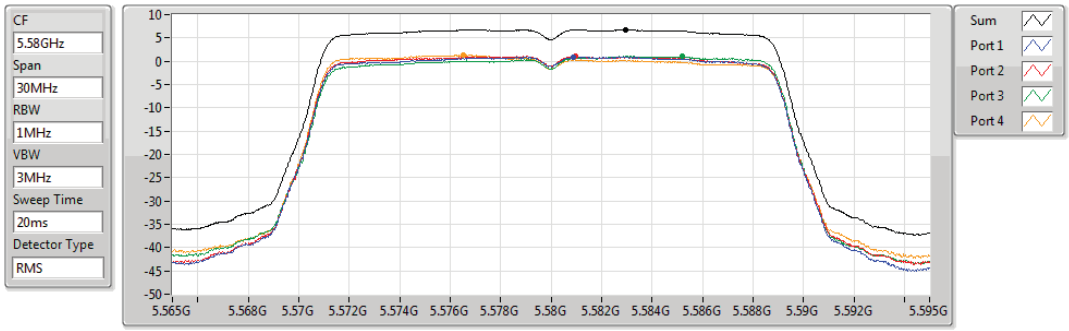
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.92	6.92	0.88	1.08	1.42	0.46

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

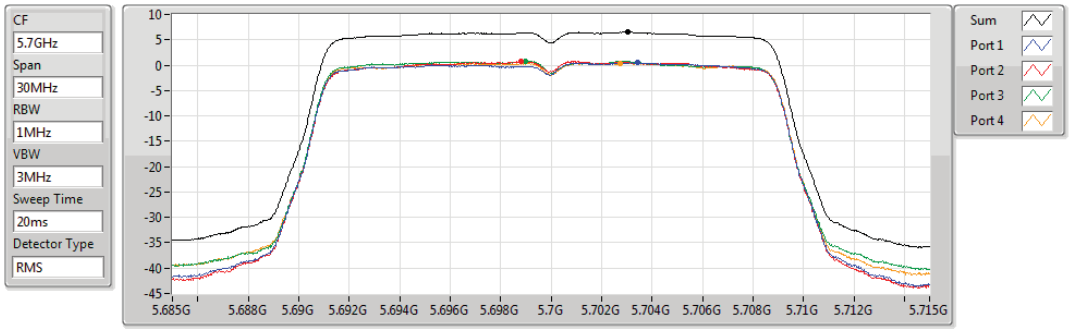
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	0.92	1.06	1.07	1.32

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

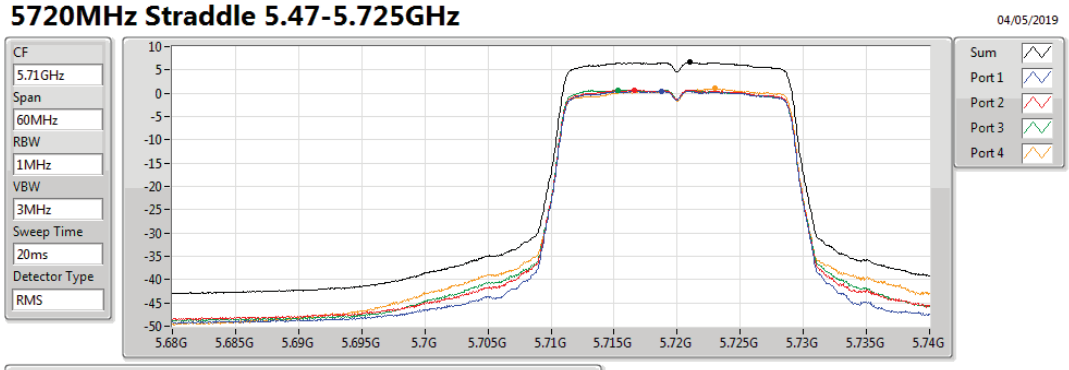
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	0.50	0.75	0.82	0.37

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

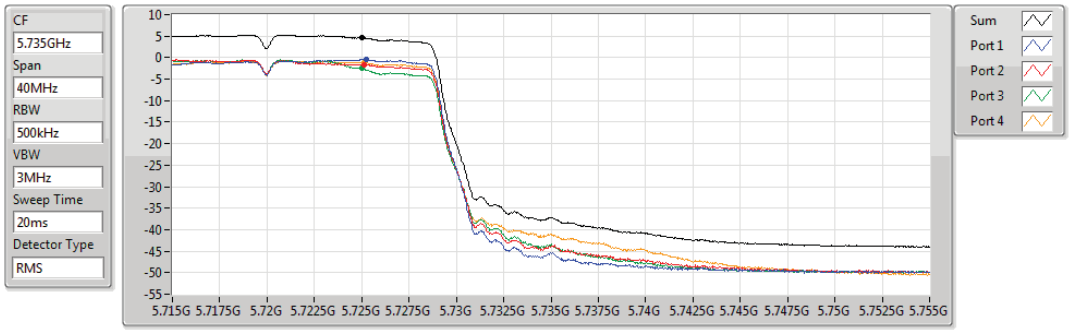
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	0.39	0.71	0.67	0.98

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

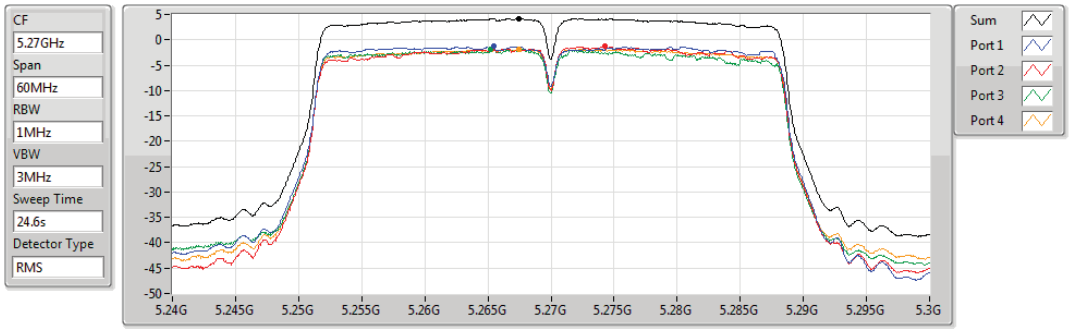
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	-0.44	-1.61	-2.53	-1.17

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

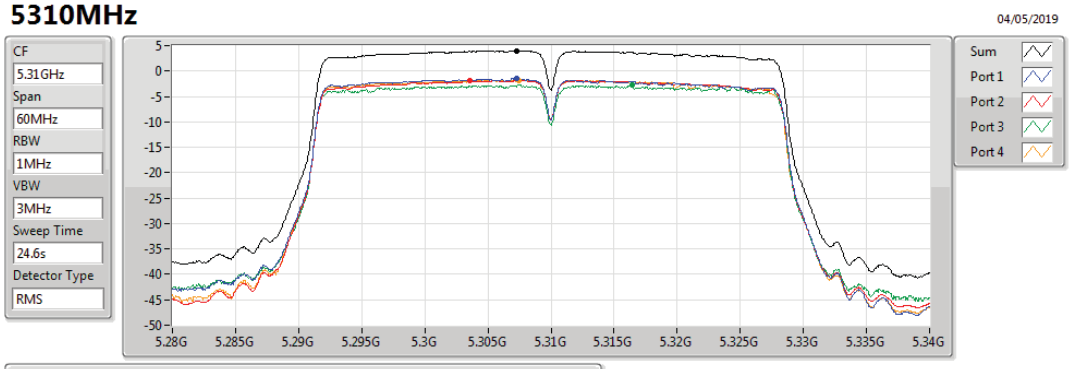
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.29	-1.29	-1.83	-1.96

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

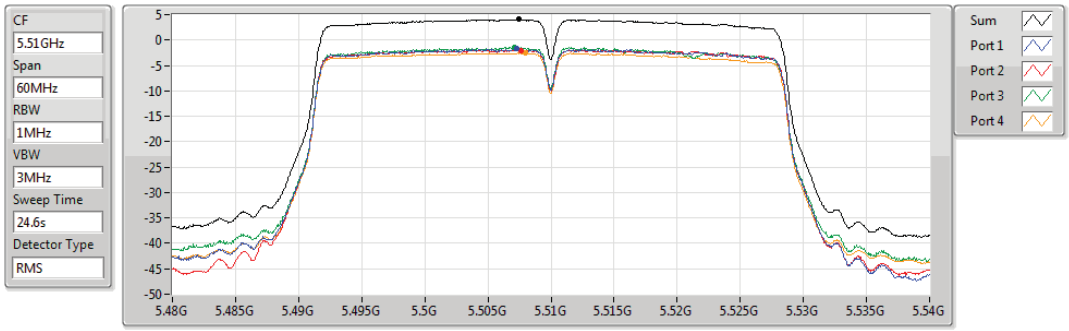
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.45	-1.85	-2.73	-1.83

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

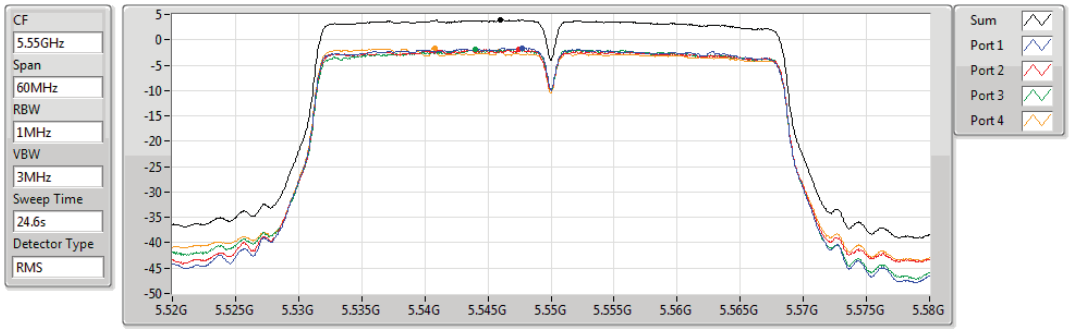
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.74	-2.00	-1.40	-2.52

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

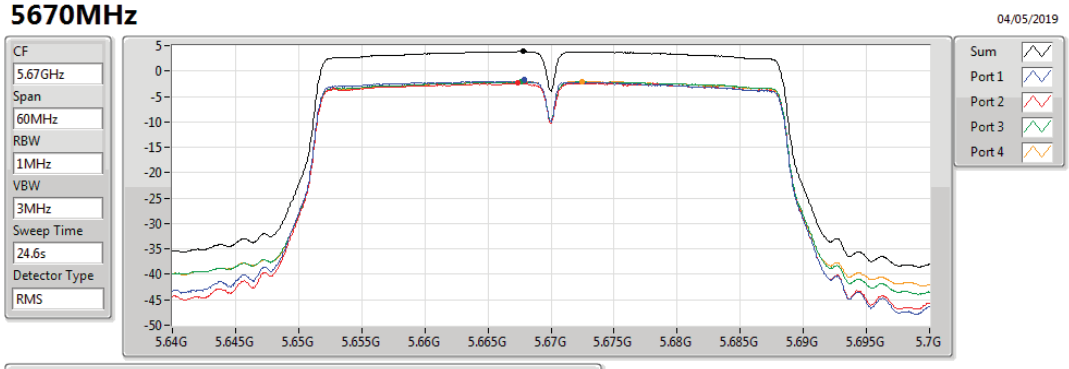
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-1.63	-1.91	-1.94	-1.63

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

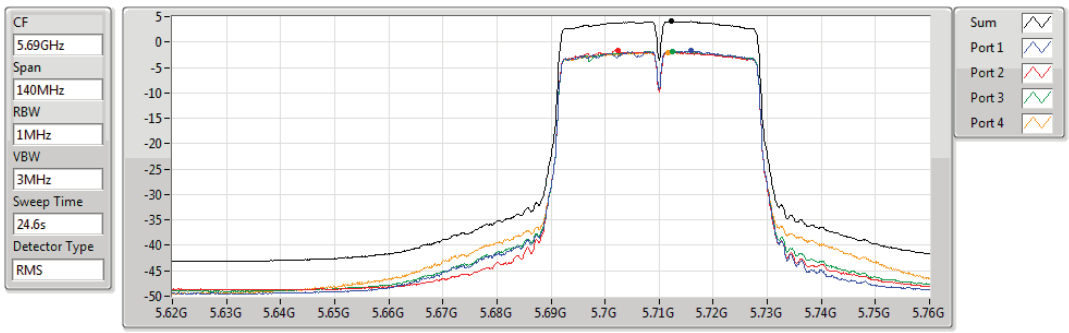
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	-1.56	-2.31	-1.99	-2.07

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

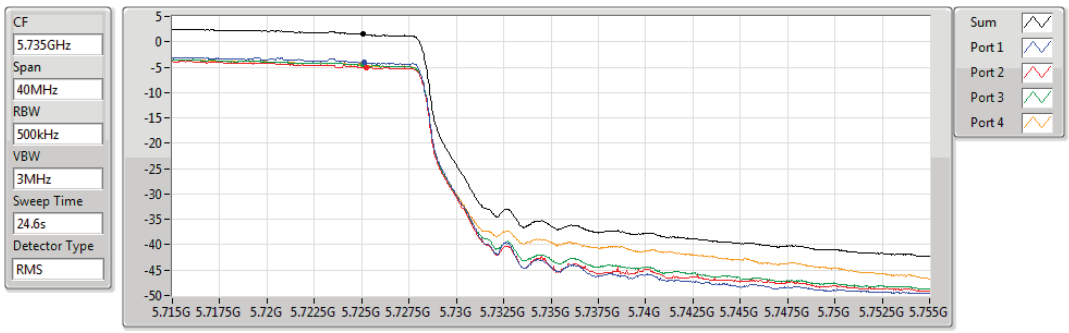
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-1.72	-1.60	-1.83	-2.02

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

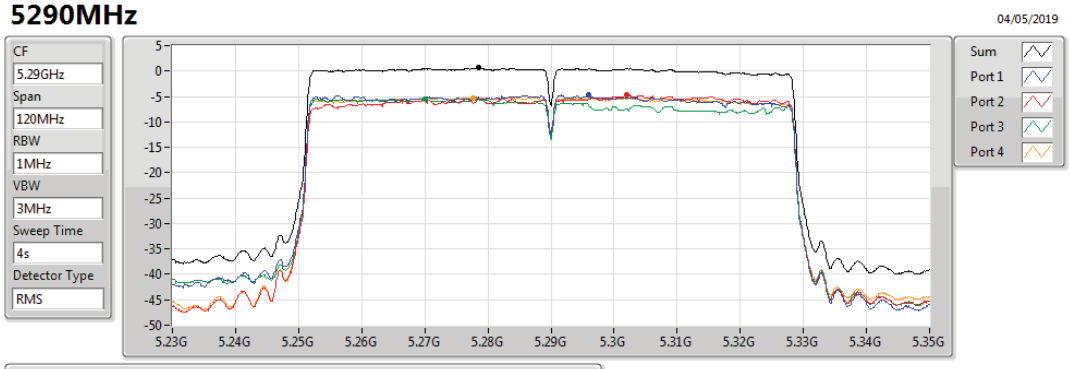
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-4.10	-5.02	-4.44	-4.55

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

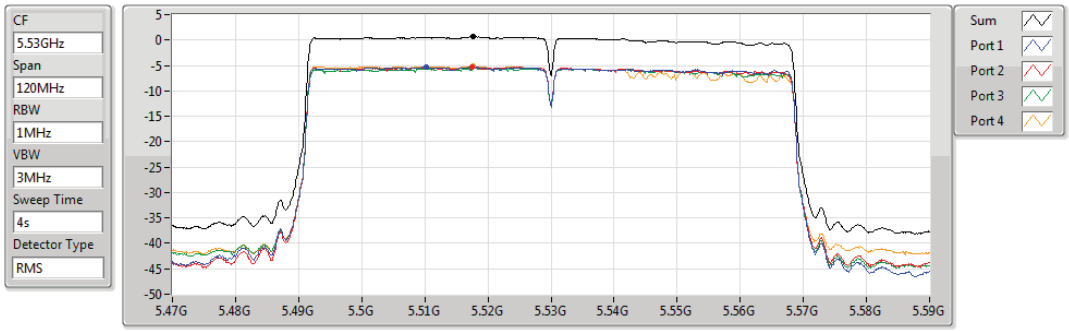
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-4.74	-4.69	-5.52	-5.22

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

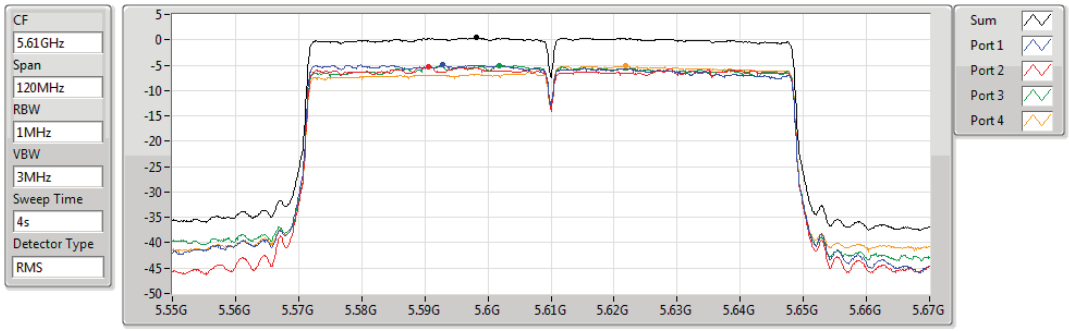
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-5.36	-5.32	-5.57	-5.16

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

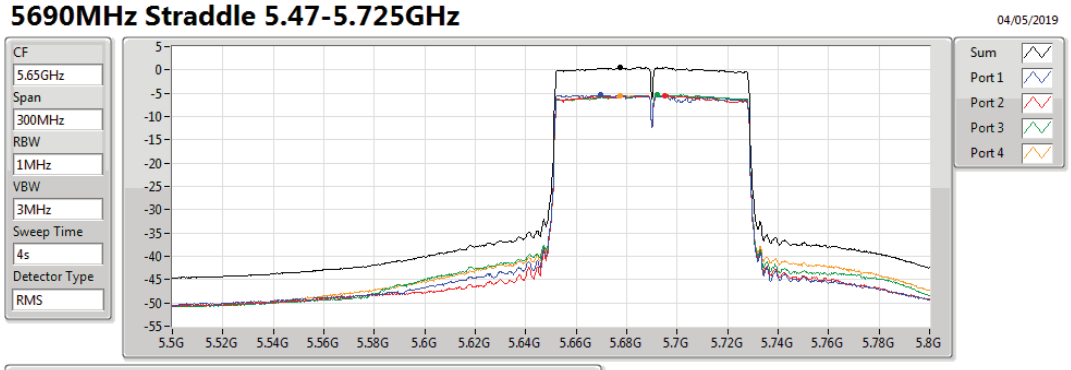
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-4.95	-5.41	-5.08	-5.18

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

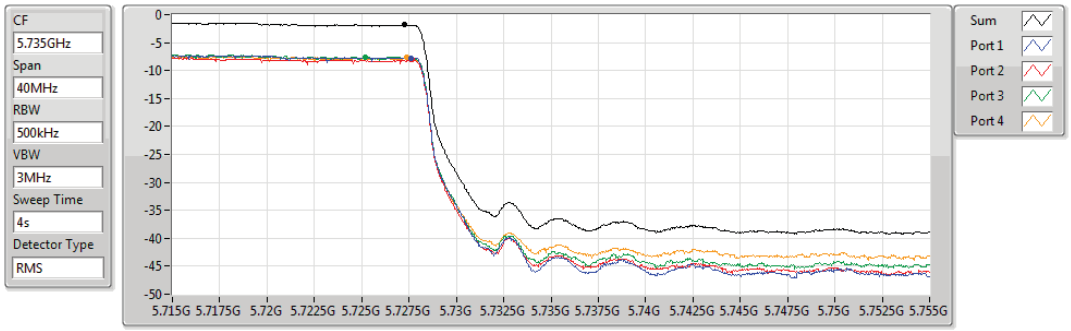
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-5.40	-5.52	-5.23	-5.44

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

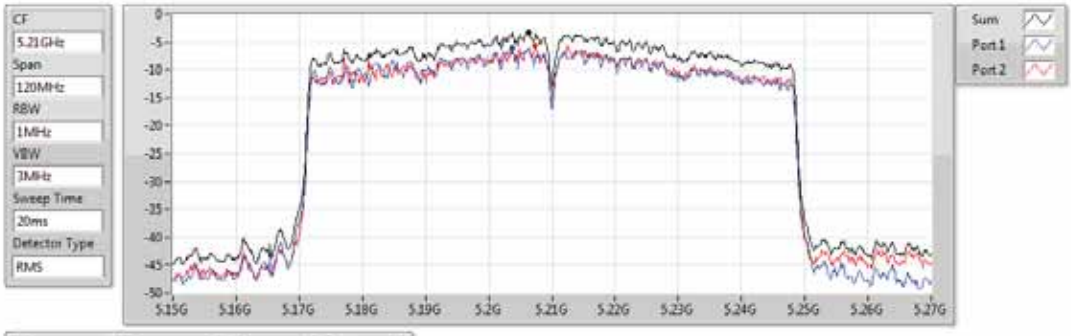
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-7.73	-8.09	-7.59	-7.69

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port1&Port2) **PSD**

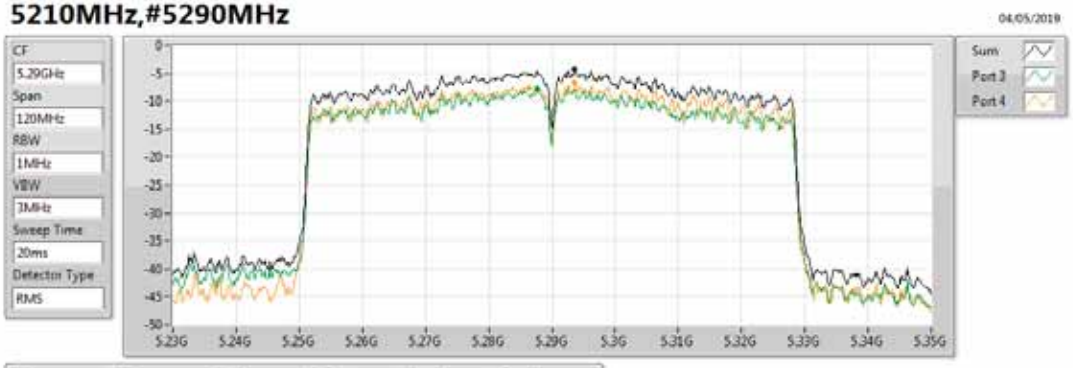
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.32	-3.32	-6.04	-5.65

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port3&Port4) PSD

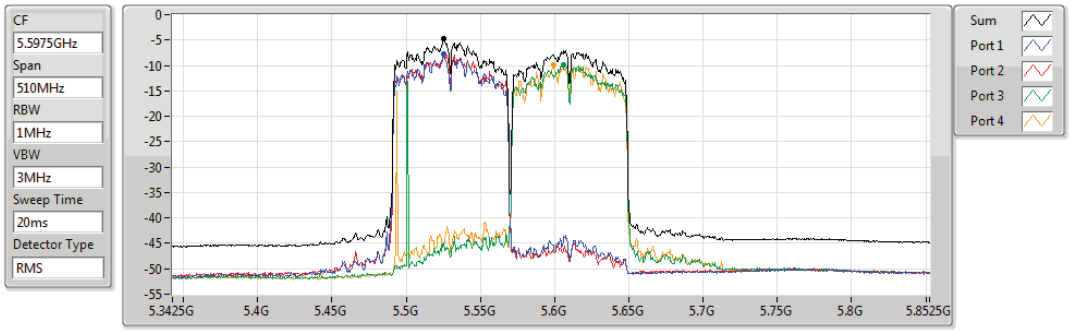
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.23	-4.23			-7.81	-8.68

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX PSD

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.82	-4.82	-7.84	-7.82	-9.80	-9.97

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-8.10	-1.09
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.96	16.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.22	14.24
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.62	10.64
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-9.03	-2.02
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	6.92	16.94
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.07	14.09
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.66	10.68
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-4.82	5.20
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	4.59	14.61
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	1.47	11.49
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.85	8.17

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

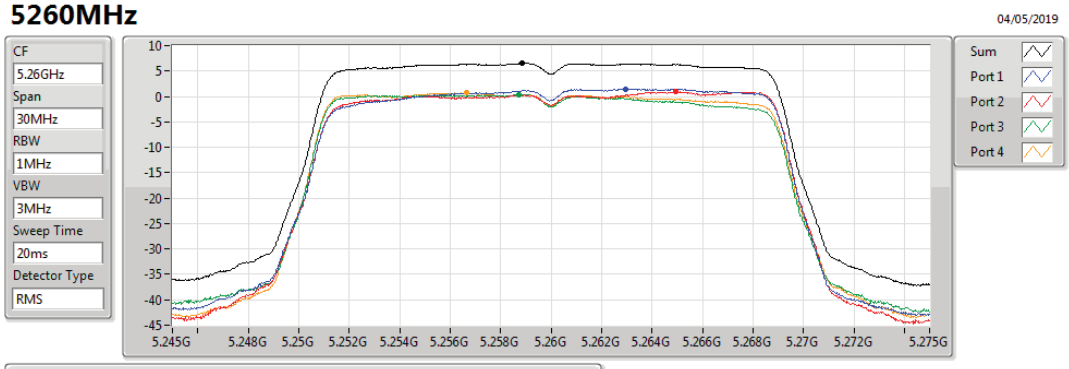
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.02	1.49	0.88	0.37	0.73	6.55	6.98	16.57	17.00
5300MHz	Pass	10.02	1.26	1.98	0.46	1.74	6.94	6.98	16.96	17.00
5320MHz	Pass	10.02	1.02	1.26	0.62	1.41	6.96	6.98	16.98	17.00
5500MHz	Pass	10.02	0.88	1.08	1.42	0.46	6.92	6.98	16.94	17.00
5580MHz	Pass	10.02	0.92	1.06	1.07	1.32	6.74	6.98	16.76	17.00
5700MHz	Pass	10.02	0.50	0.75	0.82	0.37	6.53	6.98	16.55	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.02	0.39	0.71	0.67	0.98	6.62	6.98	16.64	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.02	-0.44	-1.61	-2.53	-1.17	4.59	25.98	14.61	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.02	-1.29	-1.29	-1.83	-1.96	4.22	6.98	14.24	17.00
5310MHz	Pass	10.02	-1.45	-1.85	-2.73	-1.83	4.02	6.98	14.04	17.00
5510MHz	Pass	10.02	-1.74	-2.00	-1.40	-2.52	4.04	6.98	14.06	17.00
5550MHz	Pass	10.02	-1.63	-1.91	-1.94	-1.63	3.98	6.98	14.00	17.00
5670MHz	Pass	10.02	-1.56	-2.31	-1.99	-2.07	3.94	6.98	13.96	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.02	-1.72	-1.60	-1.83	-2.02	4.07	6.98	14.09	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.02	-4.10	-5.02	-4.44	-4.55	1.47	25.98	11.49	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.02	-4.74	-4.69	-5.52	-5.22	0.62	6.98	10.64	17.00
5530MHz	Pass	10.02	-5.36	-5.32	-5.57	-5.16	0.66	6.98	10.68	17.00
5610MHz	Pass	10.02	-4.95	-5.41	-5.08	-5.18	0.41	6.98	10.43	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.02	-5.40	-5.52	-5.23	-5.44	0.50	6.98	10.52	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.02	-7.73	-8.09	-7.59	-7.69	-1.85	25.98	8.17	36.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	7.01	-11.74	-10.56			-8.10	15.99	-1.09	23.00
802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	7.01			-12.29	-11.24	-9.03	9.99	-2.02	17.00
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	10.02	-7.84	-7.82	-9.80	-9.97	-4.82	6.98	5.20	17.00

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

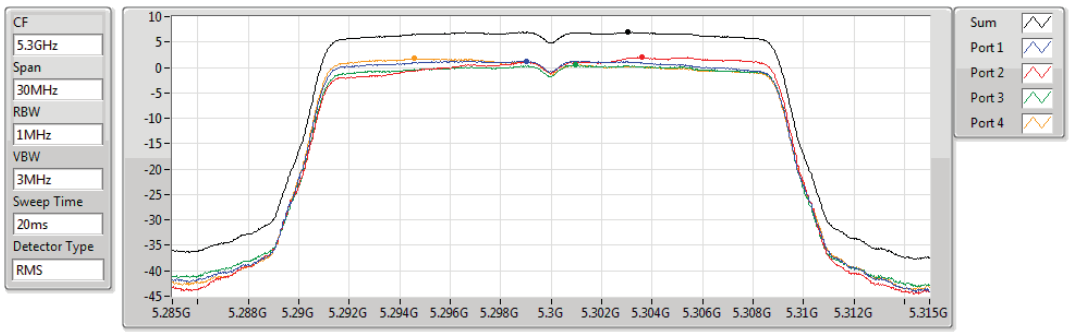
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	1.49	0.88	0.37	0.73

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

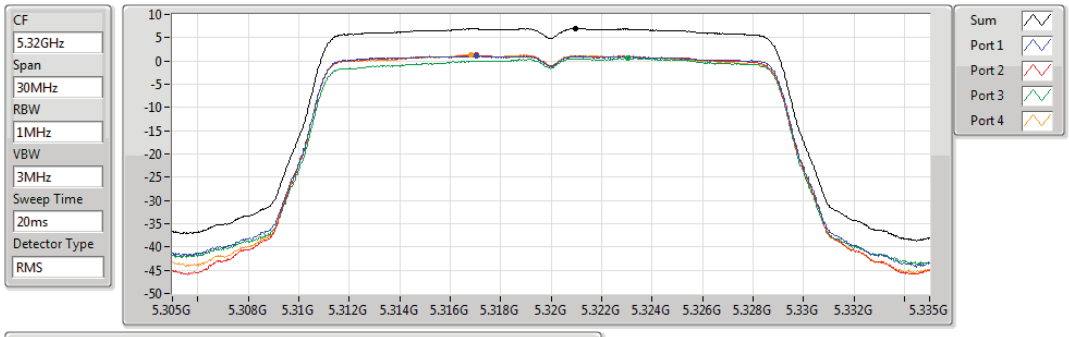
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	1.26	1.98	0.46	1.74

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

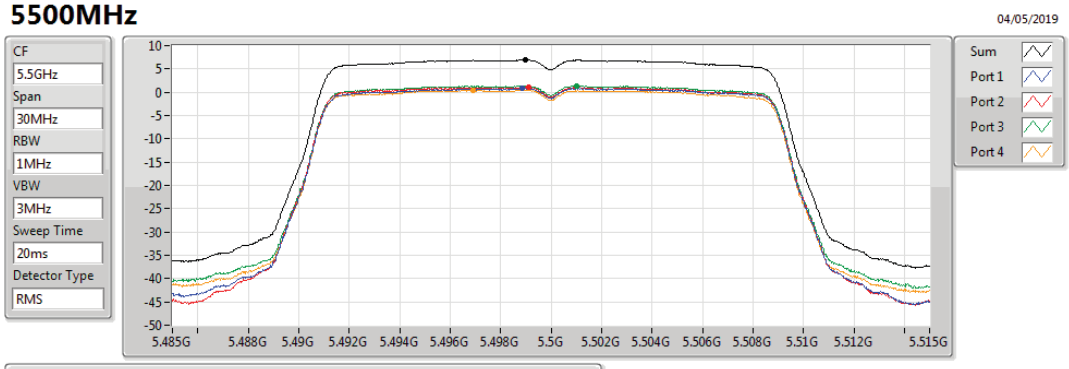
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	1.02	1.26	0.62	1.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

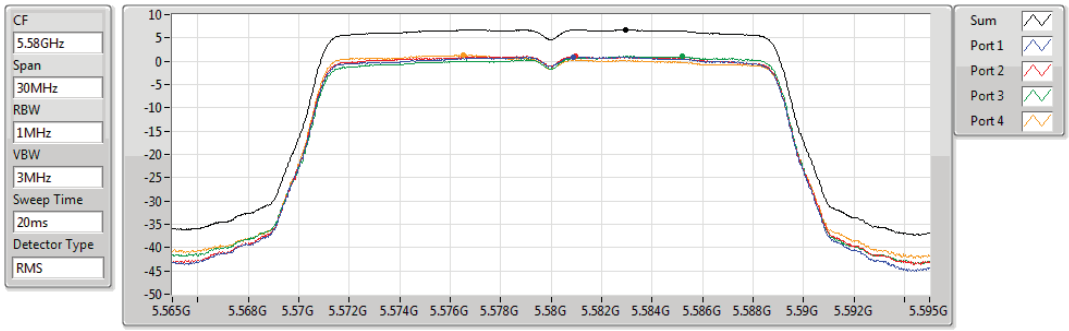
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.92	6.92	0.88	1.08	1.42	0.46

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

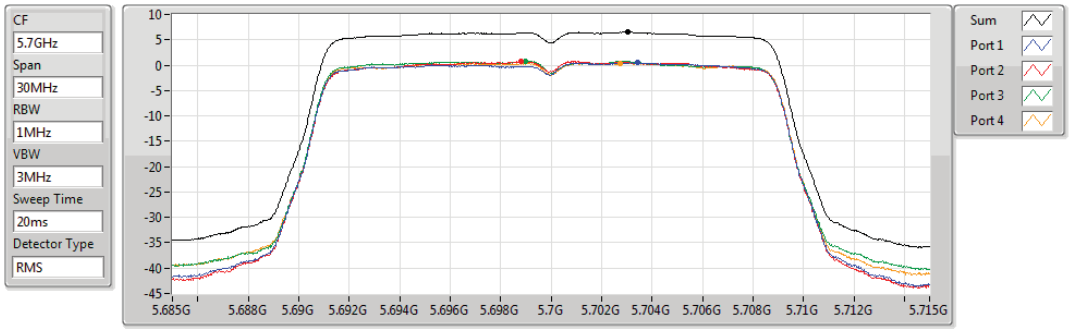
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	0.92	1.06	1.07	1.32

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

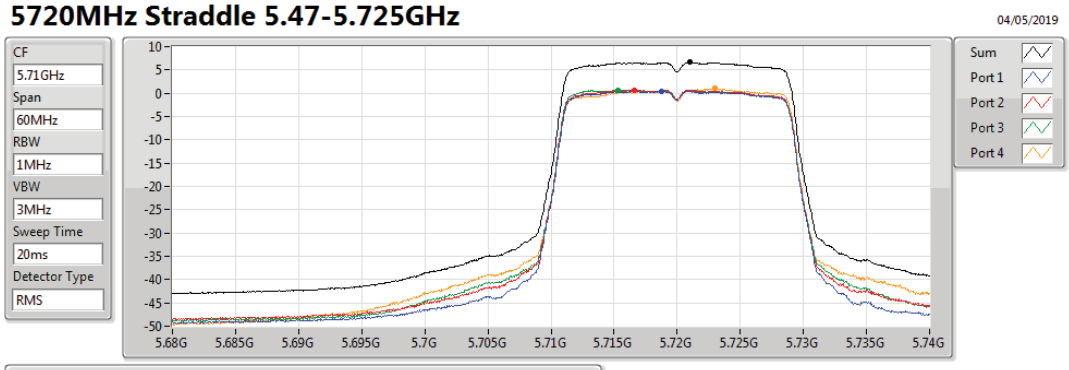
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	0.50	0.75	0.82	0.37

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

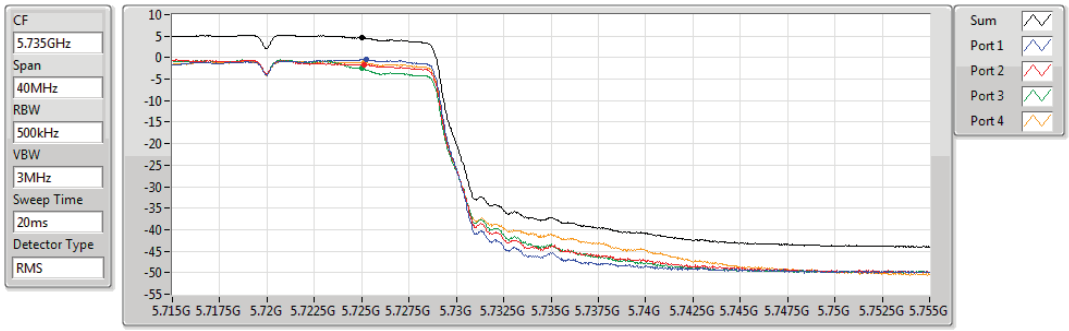
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	0.39	0.71	0.67	0.98

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

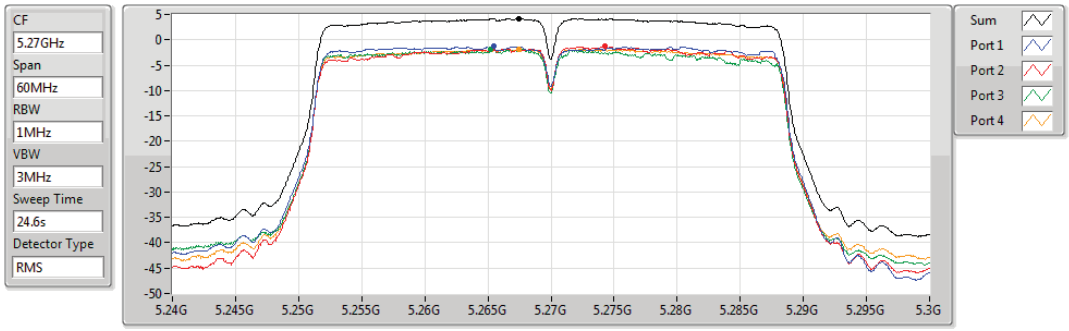
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	-0.44	-1.61	-2.53	-1.17

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

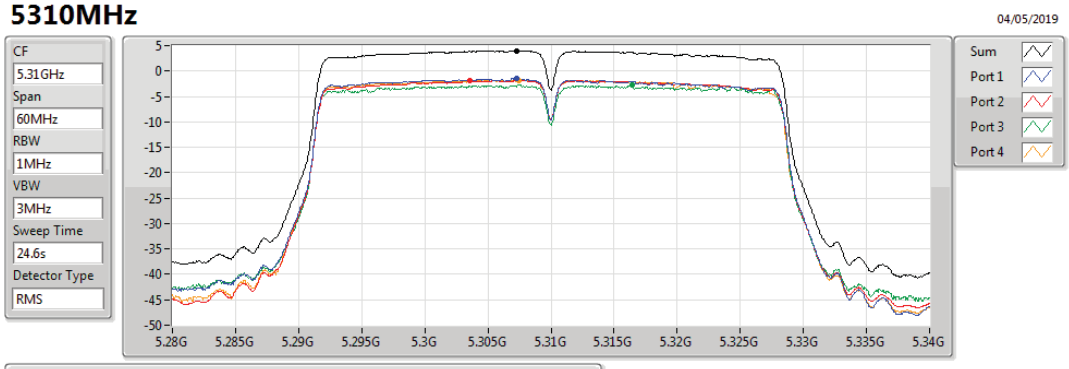
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.29	-1.29	-1.83	-1.96

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

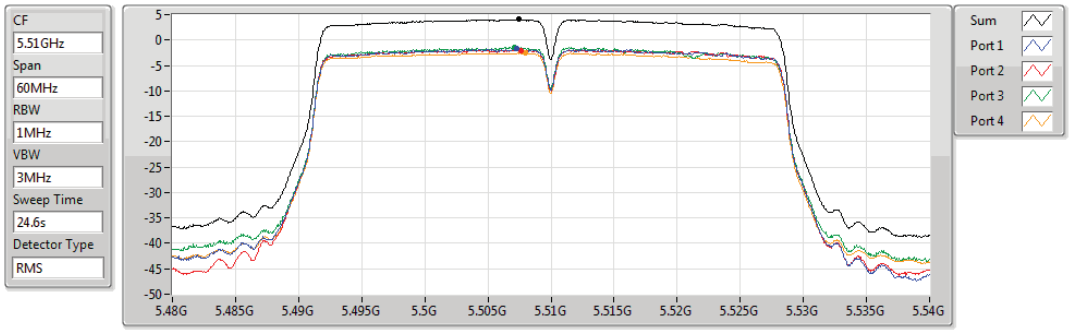
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.45	-1.85	-2.73	-1.83

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

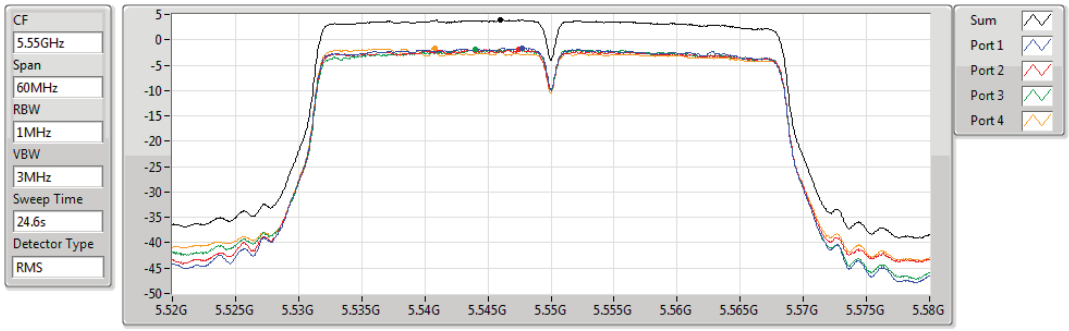
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.74	-2.00	-1.40	-2.52

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

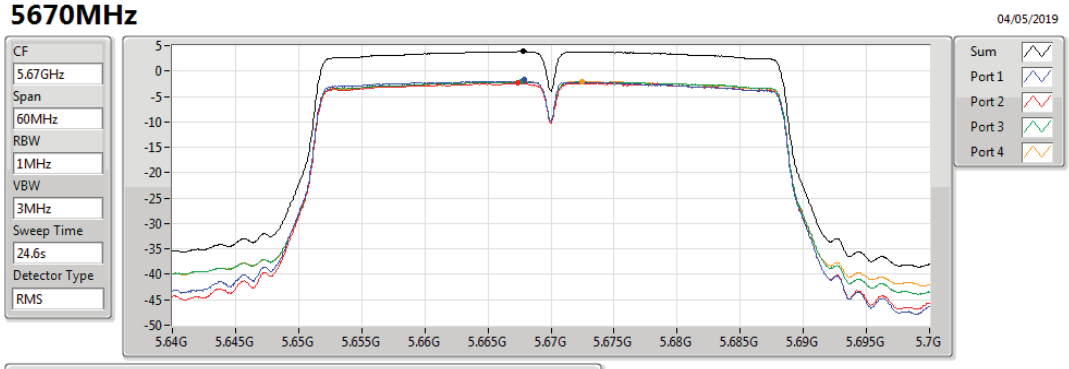
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-1.63	-1.91	-1.94	-1.63

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

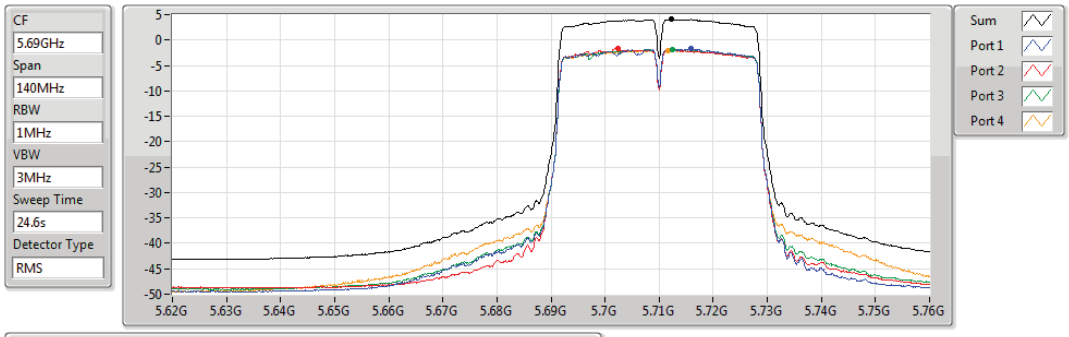
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	-1.56	-2.31	-1.99	-2.07

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

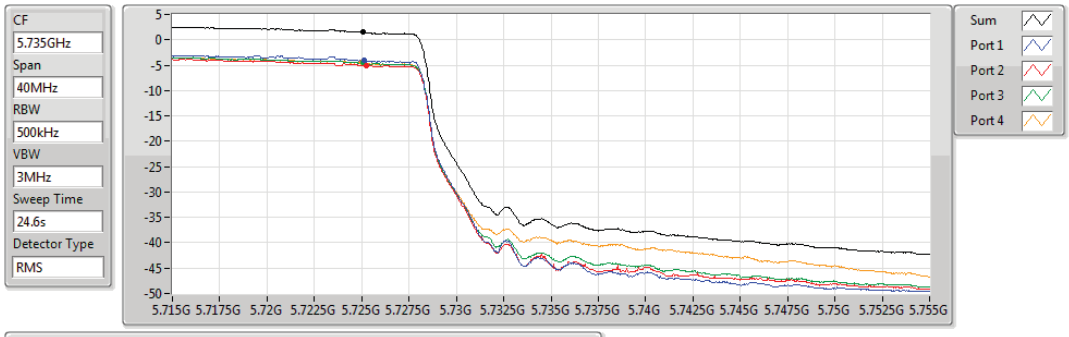
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-1.72	-1.60	-1.83	-2.02

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

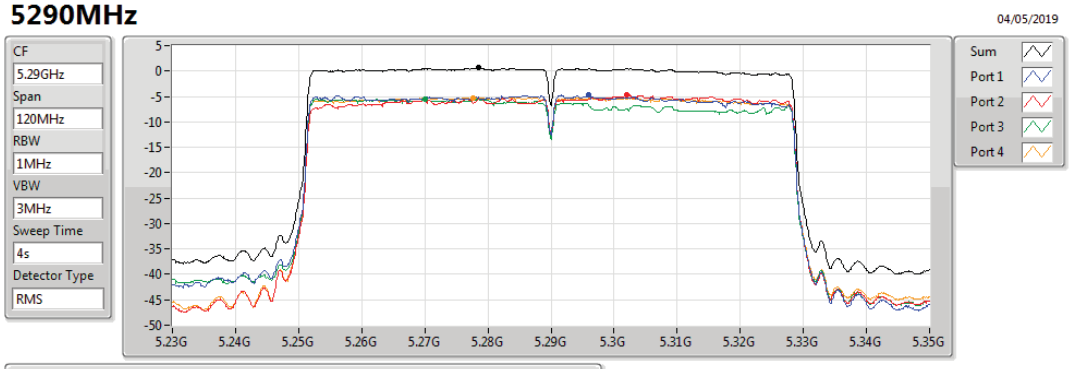
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.47	1.47	-4.10	-5.02	-4.44	-4.55

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

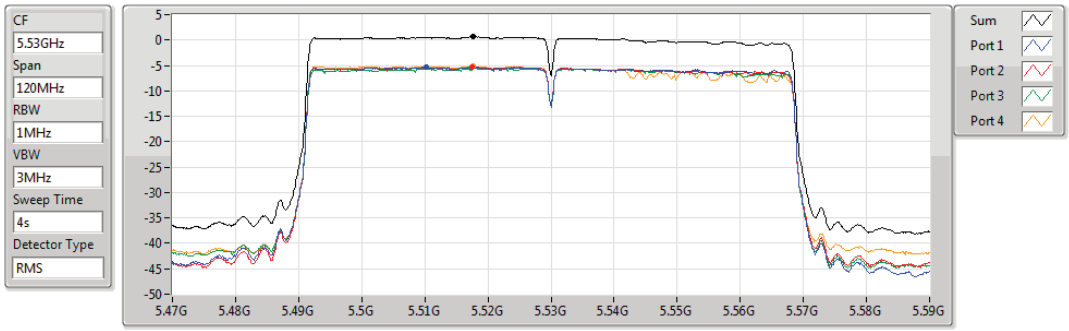
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-4.74	-4.69	-5.52	-5.22

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

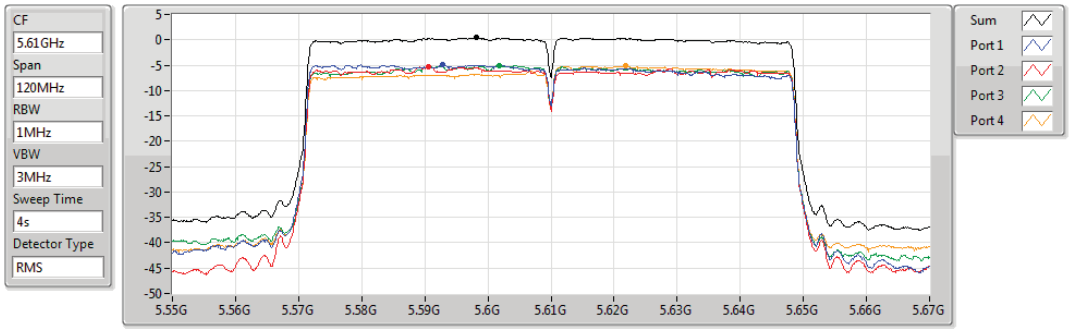
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-5.36	-5.32	-5.57	-5.16

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

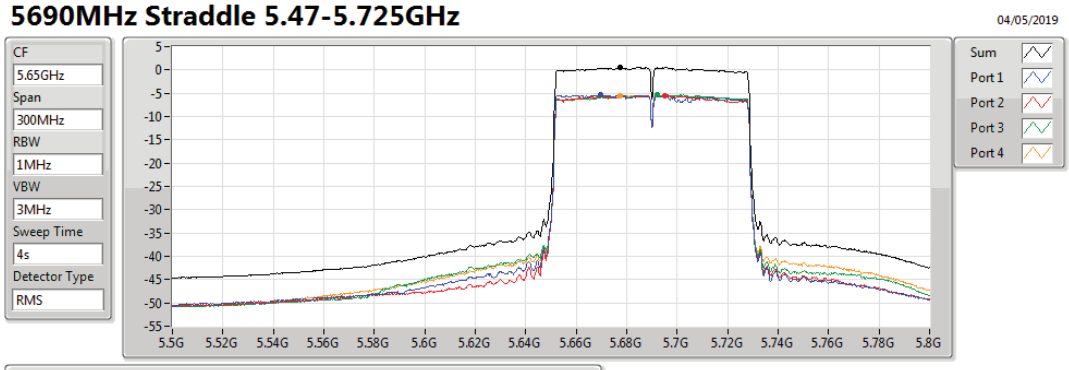
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.41	0.41	-4.95	-5.41	-5.08	-5.18

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

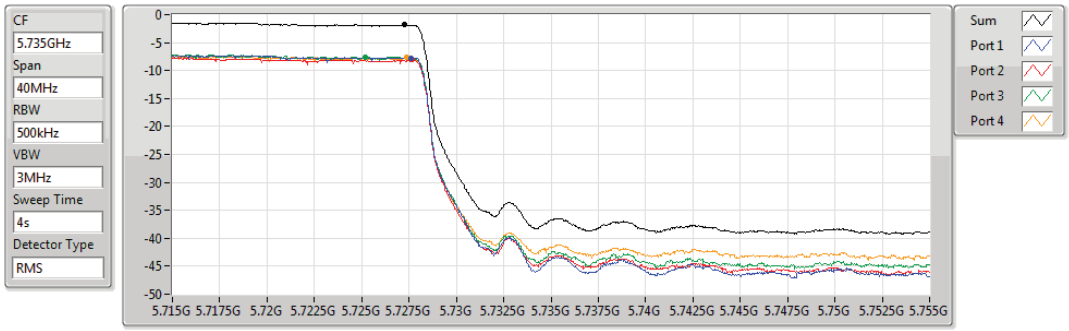
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-5.40	-5.52	-5.23	-5.44

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

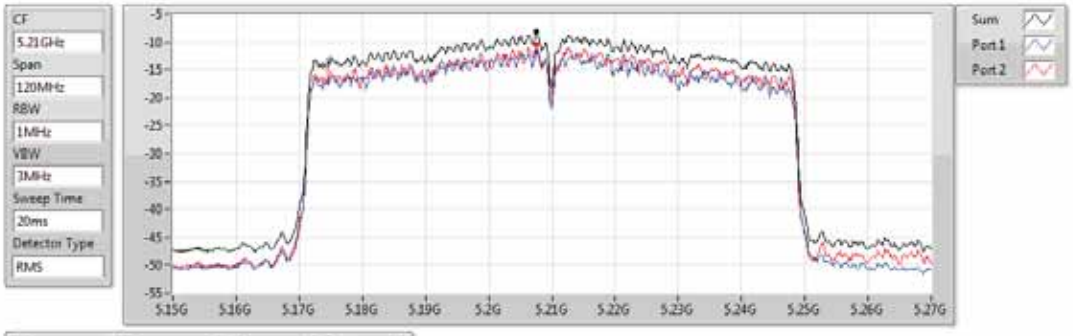
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-7.73	-8.09	-7.59	-7.69

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port1&Port2) PSD

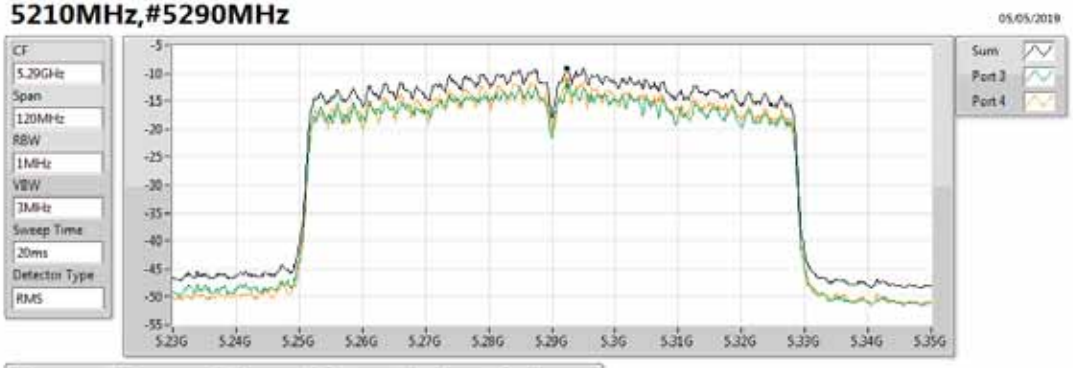
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.10	-8.10	-11.74	-10.56

802.11ac VHT80+80-BF_Nss2,(MCS0)_2TX(Port3&Port4) PSD

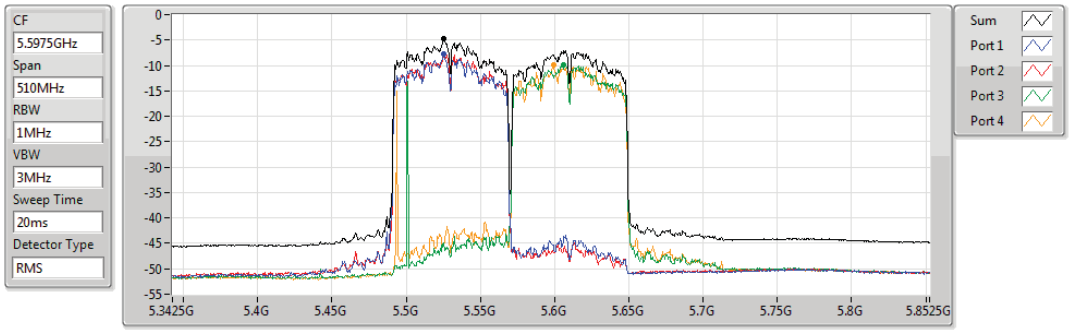
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.03	-9.03			-12.29	-11.24

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX PSD

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.82	-4.82	-7.84	-7.82	-9.80	-9.97

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	53.28M	35.21	40.00	-4.79	3	Vertical	0	1.00	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	PK	324.88M	41.25	46.00	-4.75	3	Horizontal	0	1.00	-

Result

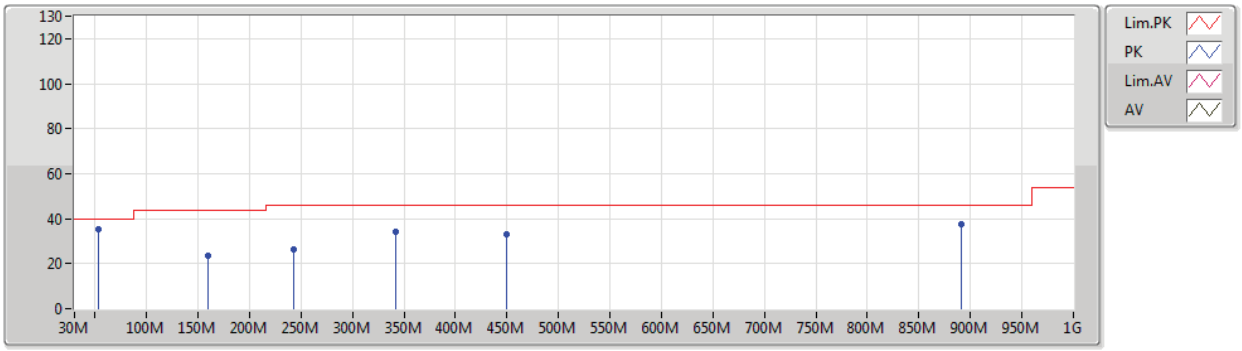
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	53.28M	35.21	40.00	-4.79	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	159.98M	23.54	43.50	-19.96	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	243.4M	26.10	46.00	-19.90	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	342.34M	34.13	46.00	-11.87	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	449.04M	32.90	46.00	-13.10	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	891.36M	37.74	46.00	-8.26	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	35.82M	30.79	40.00	-9.21	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	132.82M	22.67	43.50	-20.83	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	243.4M	26.16	46.00	-19.84	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	344.28M	38.19	46.00	-7.81	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	445.16M	35.57	46.00	-10.43	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	895.24M	39.93	46.00	-6.07	3	Horizontal	360	1.00	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	PK	53.28M	33.54	40.00	-6.46	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	99.84M	24.40	43.50	-19.10	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	159.98M	22.75	43.50	-20.75	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	344.28M	33.71	46.00	-12.29	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	538.28M	33.35	46.00	-12.65	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	904.94M	37.70	46.00	-8.30	3	Vertical	360	1.00	-
#5530MHz,#5610MHz	Pass	PK	35.82M	28.07	40.00	-11.93	3	Horizontal	0	1.00	-
#5530MHz,#5610MHz	Pass	PK	134.76M	22.59	43.50	-20.91	3	Horizontal	0	1.00	-
#5530MHz,#5610MHz	Pass	PK	268.62M	28.06	46.00	-17.94	3	Horizontal	0	1.00	-
#5530MHz,#5610MHz	Pass	PK	324.88M	41.25	46.00	-4.75	3	Horizontal	0	1.00	-
#5530MHz,#5610MHz	Pass	PK	450.98M	34.50	46.00	-11.50	3	Horizontal	0	1.00	-
#5530MHz,#5610MHz	Pass	PK	883.6M	39.42	46.00	-6.58	3	Horizontal	0	1.00	-

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

802.11ac VHT80_Nss1,(MCS0)_4TX

19/08/2019

5690MHz Straddle 5.47-5.725GHz_PoE

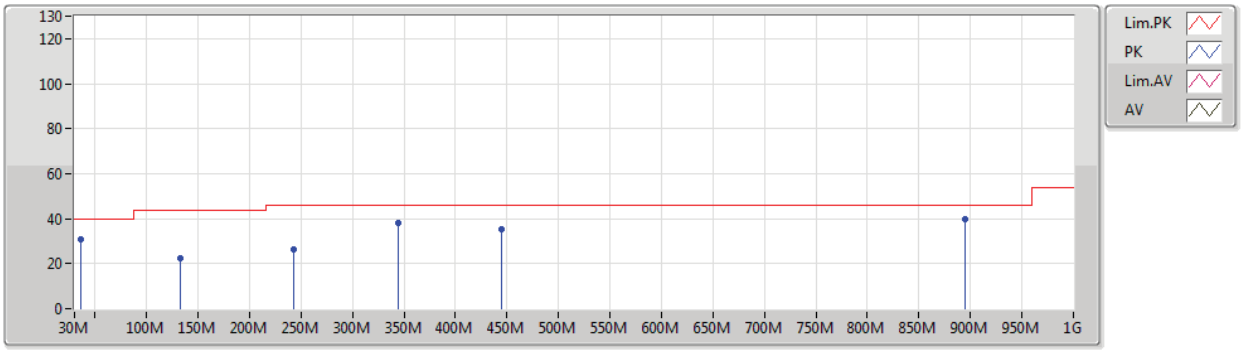


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	53.28M	35.21	40.00	-4.79	-14.18	3	Vertical	0	1.00	-	49.39	12.24	1.09	27.51
PK	159.98M	23.54	43.50	-19.96	-10.16	3	Vertical	0	1.00	-	33.70	15.03	1.95	27.14
PK	243.4M	26.10	46.00	-19.90	-7.51	3	Vertical	0	1.00	-	33.61	16.81	2.45	26.77
PK	342.34M	34.13	46.00	-11.87	-4.93	3	Vertical	0	1.00	-	39.06	19.06	2.94	26.93
PK	449.04M	32.90	46.00	-13.10	-2.35	3	Vertical	0	1.00	-	35.25	21.95	3.39	27.69
PK	891.36M	37.74	46.00	-8.26	2.99	3	Vertical	0	1.00	-	34.75	25.57	4.96	27.54

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_PoE

19/08/2019

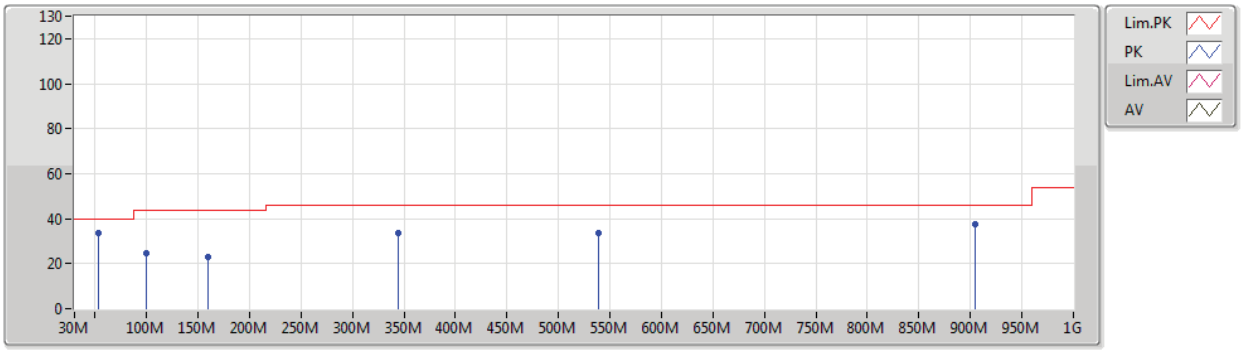


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	35.82M	30.79	40.00	-9.21	-6.96	3	Horizontal	360	1.00	-	37.75	19.71	0.89	27.56
PK	132.82M	22.67	43.50	-20.83	-8.77	3	Horizontal	360	1.00	-	31.44	16.72	1.77	27.26
PK	243.4M	26.16	46.00	-19.84	-7.51	3	Horizontal	360	1.00	-	33.67	16.81	2.45	26.77
PK	344.28M	38.19	46.00	-7.81	-4.86	3	Horizontal	360	1.00	-	43.05	19.14	2.95	26.95
PK	445.16M	35.57	46.00	-10.43	-2.40	3	Horizontal	360	1.00	-	37.97	21.89	3.37	27.66
PK	895.24M	39.93	46.00	-6.07	3.04	3	Horizontal	360	1.00	-	36.89	25.59	4.97	27.52

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_PoE

19/08/2019

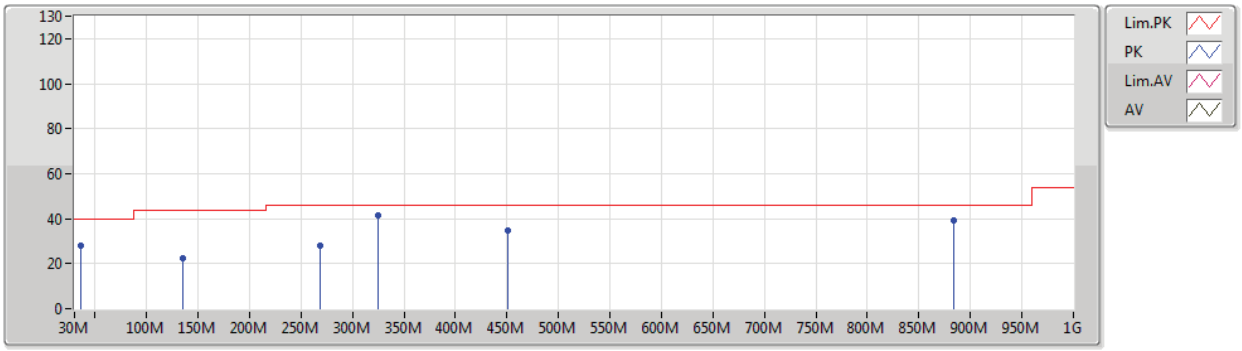


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	53.28M	33.54	40.00	-6.46	-14.18	3	Vertical	360	1.00	-	47.72	12.24	1.09	27.51
PK	99.84M	24.40	43.50	-19.10	-9.79	3	Vertical	360	1.00	-	34.19	16.07	1.52	27.38
PK	159.98M	22.75	43.50	-20.75	-10.16	3	Vertical	360	1.00	-	32.91	15.03	1.95	27.14
PK	344.28M	33.71	46.00	-12.29	-4.86	3	Vertical	360	1.00	-	38.57	19.14	2.95	26.95
PK	538.28M	33.35	46.00	-12.65	-0.81	3	Vertical	360	1.00	-	34.16	23.45	3.73	27.99
PK	904.94M	37.70	46.00	-8.30	3.17	3	Vertical	360	1.00	-	34.53	25.65	5.01	27.49

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_PoE

19/08/2019



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	35.82M	28.07	40.00	-11.93	-6.96	3	Horizontal	0	1.00	-	35.03	19.71	0.89	27.56
PK	134.76M	22.59	43.50	-20.91	-8.90	3	Horizontal	0	1.00	-	31.49	16.57	1.78	27.25
PK	268.62M	28.06	46.00	-17.94	-5.76	3	Horizontal	0	1.00	-	33.82	18.38	2.58	26.72
PK	324.88M	41.25	46.00	-4.75	-5.20	3	Horizontal	0	1.00	-	46.45	18.78	2.86	26.84
PK	450.98M	34.50	46.00	-11.50	-2.32	3	Horizontal	0	1.00	-	36.82	21.99	3.39	27.70
PK	883.6M	39.42	46.00	-6.58	2.93	3	Horizontal	0	1.00	-	36.49	25.56	4.95	27.58

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	10.60594G	53.70	54.00	-0.30	23.27	3	Horizontal	332	1.41	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	10.6005G	53.48	54.00	-0.52	19.53	3	Horizontal	335	1.47	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.01	54.00	-0.99	8.88	3	Horizontal	132	1.77	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.39	54.00	-0.61	8.88	3	Horizontal	130	1.62	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.3544G	53.83	54.00	-0.17	8.89	3	Horizontal	142	1.66	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.7252G	68.00	68.20	-0.20	8.72	3	Vertical	102	2.20	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	11.1587G	53.82	54.00	-0.18	20.07	3	Horizontal	67	1.63	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	11.09996G	53.82	54.00	-0.18	20.11	3	Horizontal	71	1.65	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.458G	53.50	54.00	-0.50	9.28	3	Horizontal	314	1.80	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	Pass	AV	5.4572G	53.26	54.00	-0.74	9.28	3	Horizontal	138	1.69	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz_TX	Pass	AV	5.1418G	47.93	54.00	-6.07	8.00	3	Vertical	103	2.12	-
5260MHz_TX	Pass	AV	5.2636G	108.83	Inf	-Inf	7.84	3	Vertical	103	2.12	-
5260MHz_TX	Pass	AV	5.3638G	46.92	54.00	-7.08	7.98	3	Vertical	103	2.12	-
5260MHz_TX	Pass	PK	5.1394G	58.85	74.00	-15.15	8.00	3	Vertical	103	2.12	-
5260MHz_TX	Pass	PK	5.263G	116.72	Inf	-Inf	7.84	3	Vertical	103	2.12	-
5260MHz_TX	Pass	PK	5.353G	58.60	74.00	-15.40	7.94	3	Vertical	103	2.12	-
5260MHz_TX	Pass	AV	5.1442G	47.33	54.00	-6.67	7.99	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	AV	5.2648G	107.51	Inf	-Inf	7.84	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	AV	5.3872G	46.91	54.00	-7.09	8.05	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	PK	5.1454G	57.83	74.00	-16.17	7.99	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	PK	5.2654G	115.23	Inf	-Inf	7.83	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	PK	5.3584G	58.09	74.00	-15.91	7.96	3	Horizontal	138	1.72	-
5260MHz_TX	Pass	PK	10.51888G	65.65	68.20	-2.55	23.75	3	Vertical	178	2.57	-
5260MHz_TX	Pass	PK	10.51866G	67.80	68.20	-0.40	23.75	3	Horizontal	339	2.97	-
5300MHz_TX	Pass	AV	5.3032G	103.47	Inf	-Inf	7.78	3	Vertical	94	2.22	-
5300MHz_TX	Pass	AV	5.3844G	46.45	54.00	-7.55	8.05	3	Vertical	94	2.22	-
5300MHz_TX	Pass	PK	5.3028G	111.03	Inf	-Inf	7.78	3	Vertical	94	2.22	-
5300MHz_TX	Pass	PK	5.3912G	57.62	74.00	-16.38	8.06	3	Vertical	94	2.22	-
5300MHz_TX	Pass	AV	5.3052G	102.80	Inf	-Inf	7.78	3	Horizontal	142	1.72	-
5300MHz_TX	Pass	AV	5.3668G	47.01	54.00	-6.99	7.98	3	Horizontal	142	1.72	-
5300MHz_TX	Pass	PK	5.3044G	110.55	Inf	-Inf	7.78	3	Horizontal	142	1.72	-
5300MHz_TX	Pass	PK	5.3928G	57.66	74.00	-16.34	8.08	3	Horizontal	142	1.72	-
5300MHz_TX	Pass	PK	10.58632G	63.04	68.20	-5.16	23.38	3	Vertical	289	1.71	-
5300MHz_TX	Pass	AV	10.60594G	53.70	54.00	-0.30	23.27	3	Horizontal	332	1.41	-
5300MHz_TX	Pass	PK	10.60582G	65.85	74.00	-8.15	23.27	3	Horizontal	332	1.41	-
5320MHz_TX	Pass	AV	5.3188G	102.04	Inf	-Inf	7.83	3	Vertical	270	1.89	-
5320MHz_TX	Pass	AV	5.3506G	48.10	54.00	-5.90	7.93	3	Vertical	270	1.89	-
5320MHz_TX	Pass	PK	5.3182G	110.67	Inf	-Inf	7.83	3	Vertical	270	1.89	-
5320MHz_TX	Pass	PK	5.3504G	62.77	74.00	-11.23	7.93	3	Vertical	270	1.89	-
5320MHz_TX	Pass	AV	5.3254G	103.17	Inf	-Inf	7.85	3	Horizontal	134	1.88	-
5320MHz_TX	Pass	AV	5.35G	49.28	54.00	-4.72	7.93	3	Horizontal	134	1.88	-
5320MHz_TX	Pass	PK	5.3258G	111.46	Inf	-Inf	7.86	3	Horizontal	134	1.88	-
5320MHz_TX	Pass	PK	5.35G	63.65	74.00	-10.35	7.93	3	Horizontal	134	1.88	-
5320MHz_TX	Pass	AV	10.64228G	51.28	54.00	-2.72	23.05	3	Vertical	179	1.45	-
5320MHz_TX	Pass	PK	10.62842G	62.37	74.00	-11.63	23.15	3	Vertical	179	1.45	-
5320MHz_TX	Pass	AV	10.64354G	53.65	54.00	-0.35	23.06	3	Horizontal	327	1.50	-
5320MHz_TX	Pass	PK	10.64588G	66.18	74.00	-7.82	23.04	3	Horizontal	327	1.50	-
5500MHz_TX	Pass	AV	5.4582G	47.48	54.00	-6.52	8.40	3	Vertical	99	2.37	-
5500MHz_TX	Pass	AV	5.5034G	104.51	Inf	-Inf	8.60	3	Vertical	99	2.37	-
5500MHz_TX	Pass	PK	5.4634G	65.20	68.20	-3.00	8.42	3	Vertical	99	2.37	-
5500MHz_TX	Pass	PK	5.503G	112.22	Inf	-Inf	8.60	3	Vertical	99	2.37	-
5500MHz_TX	Pass	AV	5.4592G	48.15	54.00	-5.85	8.41	3	Horizontal	139	1.67	-
5500MHz_TX	Pass	AV	5.5052G	103.45	Inf	-Inf	8.61	3	Horizontal	139	1.67	-
5500MHz_TX	Pass	PK	5.4656G	65.14	68.20	-3.06	8.43	3	Horizontal	139	1.67	-
5500MHz_TX	Pass	PK	5.5056G	111.43	Inf	-Inf	8.61	3	Horizontal	139	1.67	-
5500MHz_TX	Pass	AV	10.9904G	49.51	54.00	-4.49	21.09	3	Vertical	357	1.22	-
5500MHz_TX	Pass	PK	11.00264G	61.13	74.00	-12.87	21.04	3	Vertical	357	1.22	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz_TX	Pass	AV	10.99358G	51.84	54.00	-2.16	21.07	3	Horizontal	335	1.63	-
5500MHz_TX	Pass	PK	10.9922G	62.52	74.00	-11.48	21.08	3	Horizontal	335	1.63	-
5580MHz_TX	Pass	AV	5.4582G	47.57	54.00	-6.43	8.40	3	Vertical	105	2.27	-
5580MHz_TX	Pass	AV	5.5836G	108.62	Inf	-Inf	8.49	3	Vertical	105	2.27	-
5580MHz_TX	Pass	PK	5.4648G	59.38	68.20	-8.82	8.43	3	Vertical	105	2.27	-
5580MHz_TX	Pass	PK	5.583G	116.30	Inf	-Inf	8.50	3	Vertical	105	2.27	-
5580MHz_TX	Pass	PK	5.7264G	57.23	68.20	-10.97	8.72	3	Vertical	105	2.27	-
5580MHz_TX	Pass	AV	5.4594G	47.23	54.00	-6.77	8.41	3	Horizontal	321	2.03	-
5580MHz_TX	Pass	AV	5.5854G	106.07	Inf	-Inf	8.50	3	Horizontal	321	2.03	-
5580MHz_TX	Pass	PK	5.4666G	59.08	68.20	-9.12	8.44	3	Horizontal	321	2.03	-
5580MHz_TX	Pass	PK	5.586G	114.06	Inf	-Inf	8.50	3	Horizontal	321	2.03	-
5580MHz_TX	Pass	PK	5.7252G	57.27	68.20	-10.93	8.72	3	Horizontal	321	2.03	-
5580MHz_TX	Pass	AV	11.15928G	48.73	54.00	-5.27	20.58	3	Vertical	294	1.45	-
5580MHz_TX	Pass	PK	11.14836G	60.49	74.00	-13.51	20.62	3	Vertical	294	1.45	-
5580MHz_TX	Pass	AV	11.16066G	53.37	54.00	-0.63	20.58	3	Horizontal	75	1.68	-
5580MHz_TX	Pass	PK	11.15868G	65.59	74.00	-8.41	20.59	3	Horizontal	75	1.68	-
5700MHz_TX	Pass	AV	5.704G	103.79	Inf	-Inf	8.66	3	Vertical	102	2.20	-
5700MHz_TX	Pass	PK	5.704G	111.34	Inf	-Inf	8.66	3	Vertical	102	2.20	-
5700MHz_TX	Pass	PK	5.7252G	68.00	68.20	-0.20	8.72	3	Vertical	102	2.20	-
5700MHz_TX	Pass	AV	5.6992G	102.55	Inf	-Inf	8.65	3	Horizontal	138	1.64	-
5700MHz_TX	Pass	PK	5.6992G	110.60	Inf	-Inf	8.65	3	Horizontal	138	1.64	-
5700MHz_TX	Pass	PK	5.726G	67.72	68.20	-0.48	8.72	3	Horizontal	138	1.64	-
5700MHz_TX	Pass	AV	11.41164G	48.86	54.00	-5.14	19.86	3	Vertical	109	1.50	-
5700MHz_TX	Pass	PK	11.41488G	60.79	74.00	-13.21	19.86	3	Vertical	109	1.50	-
5700MHz_TX	Pass	AV	11.3934G	48.85	54.00	-5.15	19.92	3	Horizontal	336	1.39	-
5700MHz_TX	Pass	PK	11.39184G	60.05	74.00	-13.95	19.92	3	Horizontal	336	1.39	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4584G	45.80	54.00	-8.20	8.40	3	Vertical	102	2.27	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7248G	108.67	Inf	-Inf	8.71	3	Vertical	102	2.27	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.468G	56.83	68.20	-11.37	8.45	3	Vertical	102	2.27	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7236G	116.45	Inf	-Inf	8.71	3	Vertical	102	2.27	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8772G	58.67	68.20	-9.53	9.12	3	Vertical	102	2.27	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4344G	45.58	54.00	-8.42	8.27	3	Horizontal	356	2.25	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7212G	108.26	Inf	-Inf	8.70	3	Horizontal	356	2.25	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4656G	57.01	68.20	-11.19	8.43	3	Horizontal	356	2.25	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7188G	116.03	Inf	-Inf	8.70	3	Horizontal	356	2.25	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.936G	58.18	68.20	-10.02	9.25	3	Horizontal	356	2.25	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.44072G	50.03	54.00	-3.97	19.78	3	Vertical	210	2.18	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.43868G	61.41	74.00	-12.59	19.78	3	Vertical	210	2.18	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.43796G	53.35	54.00	-0.65	19.78	3	Horizontal	46	2.35	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.43982G	65.60	74.00	-8.40	19.78	3	Horizontal	46	2.35	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz_TX	Pass	AV	5.1472G	48.66	54.00	-5.34	9.02	3	Vertical	120	2.08	-
5260MHz_TX	Pass	AV	5.2606G	109.47	Inf	-Inf	8.83	3	Vertical	120	2.08	-
5260MHz_TX	Pass	AV	5.365G	47.87	54.00	-6.13	8.92	3	Vertical	120	2.08	-
5260MHz_TX	Pass	PK	5.1454G	58.44	74.00	-15.56	9.02	3	Vertical	120	2.08	-
5260MHz_TX	Pass	PK	5.2606G	116.80	Inf	-Inf	8.83	3	Vertical	120	2.08	-
5260MHz_TX	Pass	PK	5.3536G	59.01	74.00	-14.99	8.89	3	Vertical	120	2.08	-
5260MHz_TX	Pass	AV	5.1478G	48.56	54.00	-5.44	9.01	3	Horizontal	146	1.78	-
5260MHz_TX	Pass	AV	5.2582G	110.81	Inf	-Inf	8.84	3	Horizontal	146	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz_TX	Pass	AV	5.3782G	48.71	54.00	-5.29	8.96	3	Horizontal	146	1.78	-
5260MHz_TX	Pass	PK	5.1442G	59.14	74.00	-14.86	9.01	3	Horizontal	146	1.78	-
5260MHz_TX	Pass	PK	5.2582G	118.33	Inf	-Inf	8.84	3	Horizontal	146	1.78	-
5260MHz_TX	Pass	PK	5.3596G	59.33	74.00	-14.67	8.90	3	Horizontal	146	1.78	-
5260MHz_TX	Pass	PK	10.51946G	65.49	68.20	-2.71	23.76	3	Vertical	179	1.50	-
5260MHz_TX	Pass	PK	10.51953G	67.25	68.20	-0.95	23.76	3	Horizontal	332	2.90	-
5300MHz_TX	Pass	AV	5.3008G	105.89	Inf	-Inf	8.73	3	Vertical	109	2.43	-
5300MHz_TX	Pass	AV	5.35G	47.79	54.00	-6.21	8.88	3	Vertical	109	2.43	-
5300MHz_TX	Pass	PK	5.3008G	113.33	Inf	-Inf	8.73	3	Vertical	109	2.43	-
5300MHz_TX	Pass	PK	5.376G	58.36	74.00	-15.64	8.95	3	Vertical	109	2.43	-
5300MHz_TX	Pass	AV	5.298G	106.51	Inf	-Inf	8.74	3	Horizontal	144	1.58	-
5300MHz_TX	Pass	AV	5.3532G	48.26	54.00	-5.74	8.89	3	Horizontal	144	1.58	-
5300MHz_TX	Pass	PK	5.298G	114.82	Inf	-Inf	8.74	3	Horizontal	144	1.58	-
5300MHz_TX	Pass	PK	5.3508G	59.18	74.00	-14.82	8.88	3	Horizontal	144	1.58	-
5300MHz_TX	Pass	AV	10.59772G	48.86	Inf	-Inf	19.53	3	Vertical	185	2.57	-
5300MHz_TX	Pass	PK	10.5925G	59.15	68.20	-9.05	19.51	3	Vertical	185	2.57	-
5300MHz_TX	Pass	AV	10.6005G	53.48	54.00	-0.52	19.53	3	Horizontal	335	1.47	-
5300MHz_TX	Pass	PK	10.6005G	65.18	74.00	-8.82	19.53	3	Horizontal	335	1.47	-
5320MHz_TX	Pass	AV	5.3212G	105.25	Inf	-Inf	8.78	3	Vertical	99	2.25	-
5320MHz_TX	Pass	AV	5.3512G	52.08	54.00	-1.92	8.88	3	Vertical	99	2.25	-
5320MHz_TX	Pass	PK	5.321G	113.23	Inf	-Inf	8.78	3	Vertical	99	2.25	-
5320MHz_TX	Pass	PK	5.3516G	66.99	74.00	-7.01	8.88	3	Vertical	99	2.25	-
5320MHz_TX	Pass	AV	5.3182G	106.76	Inf	-Inf	8.78	3	Horizontal	136	1.69	-
5320MHz_TX	Pass	AV	5.35G	53.30	54.00	-0.70	8.88	3	Horizontal	136	1.69	-
5320MHz_TX	Pass	PK	5.3182G	115.26	Inf	-Inf	8.78	3	Horizontal	136	1.69	-
5320MHz_TX	Pass	PK	5.35G	69.50	74.00	-4.50	8.88	3	Horizontal	136	1.69	-
5320MHz_TX	Pass	AV	10.63856G	48.01	54.00	-5.99	19.59	3	Vertical	76	1.16	-
5320MHz_TX	Pass	PK	10.63886G	58.69	74.00	-15.31	19.59	3	Vertical	76	1.16	-
5320MHz_TX	Pass	AV	10.64066G	52.89	54.00	-1.11	19.59	3	Horizontal	318	1.52	-
5320MHz_TX	Pass	PK	10.64048G	64.33	74.00	-9.67	19.59	3	Horizontal	318	1.52	-
5500MHz_TX	Pass	AV	5.46G	48.16	54.00	-5.84	9.29	3	Vertical	97	2.25	-
5500MHz_TX	Pass	AV	5.4976G	104.72	Inf	-Inf	9.46	3	Vertical	97	2.25	-
5500MHz_TX	Pass	PK	5.4658G	66.27	68.20	-1.93	9.32	3	Vertical	97	2.25	-
5500MHz_TX	Pass	PK	5.4982G	111.74	Inf	-Inf	9.46	3	Vertical	97	2.25	-
5500MHz_TX	Pass	AV	5.4574G	48.97	54.00	-5.03	9.28	3	Horizontal	305	1.76	-
5500MHz_TX	Pass	AV	5.4982G	106.69	Inf	-Inf	9.46	3	Horizontal	305	1.76	-
5500MHz_TX	Pass	PK	5.4682G	67.81	68.20	-0.39	9.33	3	Horizontal	305	1.76	-
5500MHz_TX	Pass	PK	5.498G	115.05	Inf	-Inf	9.46	3	Horizontal	305	1.76	-
5500MHz_TX	Pass	AV	10.99622G	48.14	54.00	-5.86	20.19	3	Vertical	59	1.29	-
5500MHz_TX	Pass	PK	11.00042G	58.01	74.00	-15.99	20.19	3	Vertical	59	1.29	-
5500MHz_TX	Pass	AV	11.00156G	51.75	54.00	-2.25	20.19	3	Horizontal	328	1.51	-
5500MHz_TX	Pass	PK	11.00138G	63.05	74.00	-10.95	20.19	3	Horizontal	328	1.51	-
5580MHz_TX	Pass	AV	5.4588G	47.06	54.00	-6.94	9.29	3	Vertical	304	1.74	-
5580MHz_TX	Pass	AV	5.5788G	105.31	Inf	-Inf	9.35	3	Vertical	304	1.74	-
5580MHz_TX	Pass	PK	5.4636G	58.56	68.20	-9.64	9.31	3	Vertical	304	1.74	-
5580MHz_TX	Pass	PK	5.5782G	113.15	Inf	-Inf	9.34	3	Vertical	304	1.74	-
5580MHz_TX	Pass	PK	5.7282G	56.36	68.20	-11.84	9.49	3	Vertical	304	1.74	-
5580MHz_TX	Pass	AV	5.4576G	48.49	54.00	-5.51	9.28	3	Horizontal	320	1.78	-
5580MHz_TX	Pass	AV	5.5782G	109.01	Inf	-Inf	9.34	3	Horizontal	320	1.78	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz_TX	Pass	PK	5.4624G	58.49	68.20	-9.71	9.30	3	Horizontal	320	1.78	-
5580MHz_TX	Pass	PK	5.5782G	116.80	Inf	-Inf	9.34	3	Horizontal	320	1.78	-
5580MHz_TX	Pass	PK	5.727G	56.28	68.20	-11.92	9.48	3	Horizontal	320	1.78	-
5580MHz_TX	Pass	AV	11.1605G	48.59	54.00	-5.41	20.07	3	Vertical	154	2.34	-
5580MHz_TX	Pass	PK	11.161G	60.76	74.00	-13.24	20.07	3	Vertical	154	2.34	-
5580MHz_TX	Pass	AV	11.1587G	53.82	54.00	-0.18	20.07	3	Horizontal	67	1.63	-
5580MHz_TX	Pass	PK	11.1584G	65.97	74.00	-8.03	20.07	3	Horizontal	67	1.63	-
5700MHz_TX	Pass	AV	5.7008G	103.31	Inf	-Inf	9.43	3	Vertical	95	2.44	-
5700MHz_TX	Pass	PK	5.7012G	110.74	Inf	-Inf	9.43	3	Vertical	95	2.44	-
5700MHz_TX	Pass	PK	5.7264G	62.75	68.20	-5.45	9.48	3	Vertical	95	2.44	-
5700MHz_TX	Pass	AV	5.6984G	103.46	Inf	-Inf	9.43	3	Horizontal	318	1.68	-
5700MHz_TX	Pass	PK	5.6988G	110.88	Inf	-Inf	9.43	3	Horizontal	318	1.68	-
5700MHz_TX	Pass	PK	5.728G	62.82	68.20	-5.38	9.49	3	Horizontal	318	1.68	-
5700MHz_TX	Pass	AV	11.40174G	47.07	54.00	-6.93	19.88	3	Vertical	56	1.13	-
5700MHz_TX	Pass	PK	11.39556G	57.67	74.00	-16.33	19.89	3	Vertical	56	1.13	-
5700MHz_TX	Pass	AV	11.40168G	47.77	54.00	-6.23	19.88	3	Horizontal	33	2.48	-
5700MHz_TX	Pass	PK	11.4021G	58.78	74.00	-15.22	19.88	3	Horizontal	33	2.48	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4488G	45.54	54.00	-8.46	9.24	3	Vertical	94	2.22	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7212G	107.46	Inf	-Inf	9.47	3	Vertical	94	2.22	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.468G	55.86	68.20	-12.34	9.33	3	Vertical	94	2.22	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7212G	115.09	Inf	-Inf	9.47	3	Vertical	94	2.22	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8568G	58.38	68.20	-9.82	9.81	3	Vertical	94	2.22	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.432G	45.47	54.00	-8.53	9.16	3	Horizontal	315	1.71	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7188G	107.99	Inf	-Inf	9.47	3	Horizontal	315	1.71	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4644G	55.82	68.20	-12.38	9.32	3	Horizontal	315	1.71	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7188G	115.76	Inf	-Inf	9.47	3	Horizontal	315	1.71	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8724G	57.30	68.20	-10.90	9.86	3	Horizontal	315	1.71	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.4402G	48.25	54.00	-5.75	19.84	3	Vertical	69	1.89	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.4352G	60.22	74.00	-13.78	19.85	3	Vertical	69	1.89	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.4402G	53.23	54.00	-0.77	19.84	3	Horizontal	321	1.52	-
5720MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.4352G	65.39	74.00	-8.61	19.85	3	Horizontal	321	1.52	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz_TX	Pass	AV	5.2712G	106.97	Inf	-Inf	8.81	3	Vertical	91	2.18	-
5270MHz_TX	Pass	AV	5.3516G	52.19	54.00	-1.81	8.88	3	Vertical	91	2.18	-
5270MHz_TX	Pass	PK	5.2712G	113.74	Inf	-Inf	8.81	3	Vertical	91	2.18	-
5270MHz_TX	Pass	PK	5.3512G	64.60	74.00	-9.40	8.88	3	Vertical	91	2.18	-
5270MHz_TX	Pass	AV	5.268G	107.28	Inf	-Inf	8.81	3	Horizontal	133	1.72	-
5270MHz_TX	Pass	AV	5.3532G	52.93	54.00	-1.07	8.89	3	Horizontal	133	1.72	-
5270MHz_TX	Pass	PK	5.268G	115.76	Inf	-Inf	8.81	3	Horizontal	133	1.72	-
5270MHz_TX	Pass	PK	5.3576G	64.92	74.00	-9.08	8.90	3	Horizontal	133	1.72	-
5270MHz_TX	Pass	PK	10.54016G	60.71	68.20	-7.49	19.43	3	Vertical	170	2.57	-
5270MHz_TX	Pass	PK	10.54084G	65.20	68.20	-3.00	19.43	3	Horizontal	324	1.50	-
5310MHz_TX	Pass	AV	5.3112G	101.89	Inf	-Inf	8.76	3	Vertical	98	2.29	-
5310MHz_TX	Pass	AV	5.3508G	50.45	54.00	-3.55	8.88	3	Vertical	98	2.29	-
5310MHz_TX	Pass	PK	5.306G	108.68	Inf	-Inf	8.74	3	Vertical	98	2.29	-
5310MHz_TX	Pass	PK	5.3512G	66.61	74.00	-7.39	8.88	3	Vertical	98	2.29	-
5310MHz_TX	Pass	AV	5.3128G	102.68	Inf	-Inf	8.77	3	Horizontal	132	1.77	-
5310MHz_TX	Pass	AV	5.35G	53.01	54.00	-0.99	8.88	3	Horizontal	132	1.77	-
5310MHz_TX	Pass	PK	5.308G	111.44	Inf	-Inf	8.76	3	Horizontal	132	1.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5310MHz_TX	Pass	PK	5.3532G	66.90	74.00	-7.10	8.89	3	Horizontal	132	1.77	-
5310MHz_TX	Pass	AV	10.62056G	47.21	54.00	-6.79	19.57	3	Vertical	73	1.01	-
5310MHz_TX	Pass	PK	10.62084G	58.28	74.00	-15.72	19.57	3	Vertical	73	1.01	-
5310MHz_TX	Pass	AV	10.62056G	50.33	54.00	-3.67	19.57	3	Horizontal	323	1.48	-
5310MHz_TX	Pass	PK	10.62096G	61.95	74.00	-12.05	19.57	3	Horizontal	323	1.48	-
5510MHz_TX	Pass	AV	5.4588G	48.74	54.00	-5.26	9.29	3	Vertical	298	1.92	-
5510MHz_TX	Pass	AV	5.5088G	100.14	Inf	-Inf	9.46	3	Vertical	298	1.92	-
5510MHz_TX	Pass	PK	5.4688G	62.97	68.20	-5.23	9.34	3	Vertical	298	1.92	-
5510MHz_TX	Pass	PK	5.5084G	107.64	Inf	-Inf	9.46	3	Vertical	298	1.92	-
5510MHz_TX	Pass	AV	5.458G	51.11	54.00	-2.89	9.28	3	Horizontal	304	1.83	-
5510MHz_TX	Pass	AV	5.5084G	103.01	Inf	-Inf	9.46	3	Horizontal	304	1.83	-
5510MHz_TX	Pass	PK	5.4684G	65.36	68.20	-2.84	9.33	3	Horizontal	304	1.83	-
5510MHz_TX	Pass	PK	5.508G	111.52	Inf	-Inf	9.46	3	Horizontal	304	1.83	-
5510MHz_TX	Pass	AV	11.01676G	47.16	54.00	-6.84	20.17	3	Vertical	207	1.89	-
5510MHz_TX	Pass	PK	11.01844G	57.56	74.00	-16.44	20.17	3	Vertical	207	1.89	-
5510MHz_TX	Pass	AV	11.01658G	49.61	54.00	-4.39	20.18	3	Horizontal	326	1.51	-
5510MHz_TX	Pass	PK	11.01676G	61.05	74.00	-12.95	20.17	3	Horizontal	326	1.51	-
5550MHz_TX	Pass	AV	5.4524G	51.16	54.00	-2.84	9.26	3	Vertical	103	2.00	-
5550MHz_TX	Pass	AV	5.5528G	105.59	Inf	-Inf	9.38	3	Vertical	103	2.00	-
5550MHz_TX	Pass	PK	5.4628G	65.17	68.20	-3.03	9.31	3	Vertical	103	2.00	-
5550MHz_TX	Pass	PK	5.548G	113.18	Inf	-Inf	9.39	3	Vertical	103	2.00	-
5550MHz_TX	Pass	AV	5.458G	52.31	54.00	-1.69	9.28	3	Horizontal	320	1.78	-
5550MHz_TX	Pass	AV	5.5484G	107.45	Inf	-Inf	9.39	3	Horizontal	320	1.78	-
5550MHz_TX	Pass	PK	5.4684G	67.74	68.20	-0.46	9.33	3	Horizontal	320	1.78	-
5550MHz_TX	Pass	PK	5.5484G	115.67	Inf	-Inf	9.39	3	Horizontal	320	1.78	-
5550MHz_TX	Pass	AV	11.10488G	48.17	54.00	-5.83	20.10	3	Vertical	36	1.21	-
5550MHz_TX	Pass	PK	11.10544G	59.23	74.00	-14.77	20.10	3	Vertical	36	1.21	-
5550MHz_TX	Pass	AV	11.09996G	53.82	54.00	-0.18	20.11	3	Horizontal	71	1.65	-
5550MHz_TX	Pass	PK	11.10032G	66.62	74.00	-7.38	20.11	3	Horizontal	71	1.65	-
5670MHz_TX	Pass	AV	5.6712G	103.71	Inf	-Inf	9.40	3	Vertical	100	2.47	-
5670MHz_TX	Pass	PK	5.6706G	110.34	Inf	-Inf	9.40	3	Vertical	100	2.47	-
5670MHz_TX	Pass	PK	5.7258G	66.61	68.20	-1.59	9.48	3	Vertical	100	2.47	-
5670MHz_TX	Pass	AV	5.6682G	103.94	Inf	-Inf	9.39	3	Horizontal	322	1.63	-
5670MHz_TX	Pass	PK	5.6682G	111.62	Inf	-Inf	9.39	3	Horizontal	322	1.63	-
5670MHz_TX	Pass	PK	5.7282G	66.86	68.20	-1.34	9.49	3	Horizontal	322	1.63	-
5670MHz_TX	Pass	AV	11.337G	47.13	54.00	-6.87	19.92	3	Vertical	53	1.90	-
5670MHz_TX	Pass	PK	11.3313G	57.58	74.00	-16.42	19.93	3	Vertical	53	1.90	-
5670MHz_TX	Pass	AV	11.3367G	48.44	54.00	-5.56	19.92	3	Horizontal	326	1.50	-
5670MHz_TX	Pass	PK	11.33646G	60.47	74.00	-13.53	19.93	3	Horizontal	326	1.50	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.44G	46.02	54.00	-7.98	9.20	3	Vertical	102	1.91	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7076G	105.32	Inf	-Inf	9.45	3	Vertical	102	1.91	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4676G	55.89	68.20	-12.31	9.33	3	Vertical	102	1.91	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7076G	112.81	Inf	-Inf	9.45	3	Vertical	102	1.91	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.866G	58.65	68.20	-9.55	9.84	3	Vertical	102	1.91	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.46G	45.70	54.00	-8.30	9.29	3	Horizontal	319	1.76	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.7088G	106.63	Inf	-Inf	9.45	3	Horizontal	319	1.76	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.4412G	55.42	74.00	-18.58	9.20	3	Horizontal	319	1.76	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.464G	56.29	68.20	-11.91	9.32	3	Horizontal	319	1.76	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.7076G	114.07	Inf	-Inf	9.45	3	Horizontal	319	1.76	-

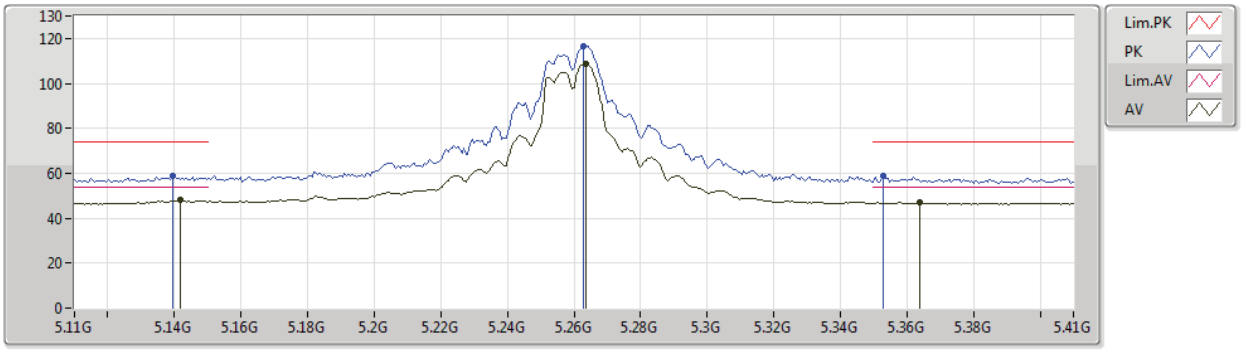
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.86G	57.81	68.20	-10.39	9.82	3	Horizontal	319	1.76	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.41958G	48.38	54.00	-5.62	19.86	3	Vertical	95	1.12	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.41934G	59.92	74.00	-14.08	19.86	3	Vertical	95	1.12	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.4197G	53.59	54.00	-0.41	19.86	3	Horizontal	43	2.31	-
5710MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.42504G	63.07	74.00	-10.93	19.86	3	Horizontal	43	2.31	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz_TX	Pass	AV	5.149G	47.70	54.00	-6.30	9.01	3	Vertical	89	2.43	-
5290MHz_TX	Pass	AV	5.291G	95.67	Inf	-Inf	8.76	3	Vertical	89	2.43	-
5290MHz_TX	Pass	AV	5.351G	51.20	54.00	-2.80	8.88	3	Vertical	89	2.43	-
5290MHz_TX	Pass	PK	5.129G	57.15	74.00	-16.85	9.03	3	Vertical	89	2.43	-
5290MHz_TX	Pass	PK	5.281G	103.23	Inf	-Inf	8.78	3	Vertical	89	2.43	-
5290MHz_TX	Pass	PK	5.495G	55.68	68.20	-12.52	9.45	3	Vertical	89	2.43	-
5290MHz_TX	Pass	AV	5.123G	48.13	54.00	-5.87	9.02	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	AV	5.288G	96.61	Inf	-Inf	8.76	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	AV	5.35G	53.39	54.00	-0.61	8.88	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	PK	5.084G	57.25	74.00	-16.75	8.99	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	PK	5.283G	103.42	Inf	-Inf	8.77	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	PK	5.354G	61.99	74.00	-12.01	8.89	3	Horizontal	130	1.62	-
5290MHz_TX	Pass	PK	10.56692G	56.95	68.20	-11.25	19.48	3	Vertical	67	1.50	-
5290MHz_TX	Pass	PK	10.58294G	56.55	68.20	-11.65	19.51	3	Horizontal	329	1.50	-
5530MHz_TX	Pass	AV	5.459G	49.80	54.00	-4.20	9.29	3	Vertical	302	1.86	-
5530MHz_TX	Pass	AV	5.534G	94.32	Inf	-Inf	9.41	3	Vertical	302	1.86	-
5530MHz_TX	Pass	PK	5.468G	59.97	68.20	-8.23	9.33	3	Vertical	302	1.86	-
5530MHz_TX	Pass	PK	5.528G	101.16	Inf	-Inf	9.42	3	Vertical	302	1.86	-
5530MHz_TX	Pass	PK	5.752G	56.67	68.20	-11.53	9.53	3	Vertical	302	1.86	-
5530MHz_TX	Pass	AV	5.458G	53.50	54.00	-0.50	9.28	3	Horizontal	314	1.80	-
5530MHz_TX	Pass	AV	5.533G	97.83	Inf	-Inf	9.41	3	Horizontal	314	1.80	-
5530MHz_TX	Pass	PK	5.468G	62.68	68.20	-5.52	9.33	3	Horizontal	314	1.80	-
5530MHz_TX	Pass	PK	5.533G	104.48	Inf	-Inf	9.41	3	Horizontal	314	1.80	-
5530MHz_TX	Pass	PK	5.772G	56.56	68.20	-11.64	9.57	3	Horizontal	314	1.80	-
5530MHz_TX	Pass	AV	11.05184G	48.17	54.00	-5.83	20.15	3	Vertical	295	1.73	-
5530MHz_TX	Pass	PK	11.0711G	57.86	74.00	-16.14	20.13	3	Vertical	295	1.73	-
5530MHz_TX	Pass	AV	11.05688G	49.29	54.00	-4.71	20.14	3	Horizontal	323	1.46	-
5530MHz_TX	Pass	PK	11.04818G	58.19	74.00	-15.81	20.16	3	Horizontal	323	1.46	-
5610MHz_TX	Pass	AV	5.458G	51.98	54.00	-2.02	9.28	3	Vertical	113	1.98	-
5610MHz_TX	Pass	AV	5.608G	101.78	Inf	-Inf	9.32	3	Vertical	113	1.98	-
5610MHz_TX	Pass	PK	5.468G	61.64	68.20	-6.56	9.33	3	Vertical	113	1.98	-
5610MHz_TX	Pass	PK	5.603G	109.32	Inf	-Inf	9.31	3	Vertical	113	1.98	-
5610MHz_TX	Pass	PK	5.743G	65.14	68.20	-3.06	9.52	3	Vertical	113	1.98	-
5610MHz_TX	Pass	AV	5.458G	52.87	54.00	-1.13	9.28	3	Horizontal	315	1.69	-
5610MHz_TX	Pass	AV	5.608G	103.04	Inf	-Inf	9.32	3	Horizontal	315	1.69	-
5610MHz_TX	Pass	PK	5.468G	62.49	68.20	-5.71	9.33	3	Horizontal	315	1.69	-
5610MHz_TX	Pass	PK	5.613G	110.82	Inf	-Inf	9.33	3	Horizontal	315	1.69	-
5610MHz_TX	Pass	PK	5.734G	66.41	68.20	-1.79	9.50	3	Horizontal	315	1.69	-
5610MHz_TX	Pass	AV	11.21202G	48.34	54.00	-5.66	20.03	3	Vertical	348	2.78	-
5610MHz_TX	Pass	PK	11.20806G	57.69	74.00	-16.31	20.02	3	Vertical	348	2.78	-
5610MHz_TX	Pass	AV	11.2131G	48.79	54.00	-5.21	20.03	3	Horizontal	325	1.50	-
5610MHz_TX	Pass	PK	11.23014G	58.55	74.00	-15.45	20.01	3	Horizontal	325	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4584G	48.73	54.00	-5.27	9.28	3	Vertical	324	1.62	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.684G	102.13	Inf	-Inf	9.40	3	Vertical	324	1.62	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.684G	108.58	Inf	-Inf	9.40	3	Vertical	324	1.62	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8544G	63.39	68.20	-4.81	9.80	3	Vertical	324	1.62	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.4512G	51.15	54.00	-2.85	9.25	3	Horizontal	319	1.73	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	5.6888G	106.09	Inf	-Inf	9.41	3	Horizontal	319	1.73	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.6888G	112.75	Inf	-Inf	9.41	3	Horizontal	319	1.73	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	5.8532G	67.58	68.20	-0.62	9.80	3	Horizontal	319	1.73	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.37952G	50.49	54.00	-3.51	19.90	3	Vertical	97	1.21	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.37898G	59.78	74.00	-14.22	19.90	3	Vertical	97	1.21	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	AV	11.37958G	51.97	54.00	-2.03	19.90	3	Horizontal	33	1.50	-
5690MHz Straddle 5.47-5.725GHz_TX	Pass	PK	11.38G	60.40	74.00	-13.60	19.90	3	Horizontal	33	1.50	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,#5290MHz_TX	Pass	AV	5.1456G	51.85	54.00	-2.15	9.02	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	AV	5.286G	94.35	Inf	-Inf	8.76	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	AV	5.3628G	53.37	54.00	-0.63	8.91	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	PK	5.136G	61.08	74.00	-12.92	9.03	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	PK	5.2884G	101.01	Inf	-Inf	8.75	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	PK	5.3556G	63.06	74.00	-10.94	8.89	3	Vertical	85	2.43	-
#5210MHz,#5290MHz_TX	Pass	AV	5.1492G	53.28	54.00	-0.72	9.01	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	AV	5.286G	93.98	Inf	-Inf	8.76	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	AV	5.3544G	53.83	54.00	-0.17	8.89	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	PK	5.15G	60.28	74.00	-13.72	9.01	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	PK	5.2836G	101.47	Inf	-Inf	8.77	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	PK	5.35G	63.78	74.00	-10.22	8.88	3	Horizontal	142	1.66	-
#5210MHz,#5290MHz_TX	Pass	PK	10.4973G	56.95	68.20	-11.25	19.37	3	Vertical	243	1.62	-
#5210MHz,#5290MHz_TX	Pass	PK	10.51476G	57.16	68.20	-11.04	19.39	3	Horizontal	311	1.45	-
#5530MHz,#5610MHz_TX	Pass	AV	5.4584G	51.98	54.00	-2.02	9.28	3	Vertical	97	1.93	-
#5530MHz,#5610MHz_TX	Pass	AV	5.528G	95.61	Inf	-Inf	9.42	3	Vertical	97	1.93	-
#5530MHz,#5610MHz_TX	Pass	PK	5.4692G	62.79	68.20	-5.41	9.34	3	Vertical	97	1.93	-
#5530MHz,#5610MHz_TX	Pass	PK	5.5352G	102.10	Inf	-Inf	9.41	3	Vertical	97	1.93	-
#5530MHz,#5610MHz_TX	Pass	PK	5.7272G	59.92	68.20	-8.28	9.48	3	Vertical	97	1.93	-
#5530MHz,#5610MHz_TX	Pass	AV	5.4572G	53.26	54.00	-0.74	9.28	3	Horizontal	138	1.69	-
#5530MHz,#5610MHz_TX	Pass	AV	5.5268G	95.61	Inf	-Inf	9.43	3	Horizontal	138	1.69	-
#5530MHz,#5610MHz_TX	Pass	PK	5.4668G	61.57	68.20	-6.63	9.33	3	Horizontal	138	1.69	-
#5530MHz,#5610MHz_TX	Pass	PK	5.528G	101.98	Inf	-Inf	9.42	3	Horizontal	138	1.69	-
#5530MHz,#5610MHz_TX	Pass	PK	5.7272G	57.59	68.20	-10.61	9.48	3	Horizontal	138	1.69	-
#5530MHz,#5610MHz_TX	Pass	AV	11.14792G	48.45	54.00	-5.55	20.08	3	Vertical	317	1.50	-
#5530MHz,#5610MHz_TX	Pass	PK	11.12884G	57.81	74.00	-16.19	20.10	3	Vertical	317	1.50	-
#5530MHz,#5610MHz_TX	Pass	AV	11.14822G	48.34	54.00	-5.66	20.08	3	Horizontal	228	1.67	-
#5530MHz,#5610MHz_TX	Pass	PK	11.15392G	57.51	74.00	-16.49	20.07	3	Horizontal	228	1.67	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5260MHz_TX

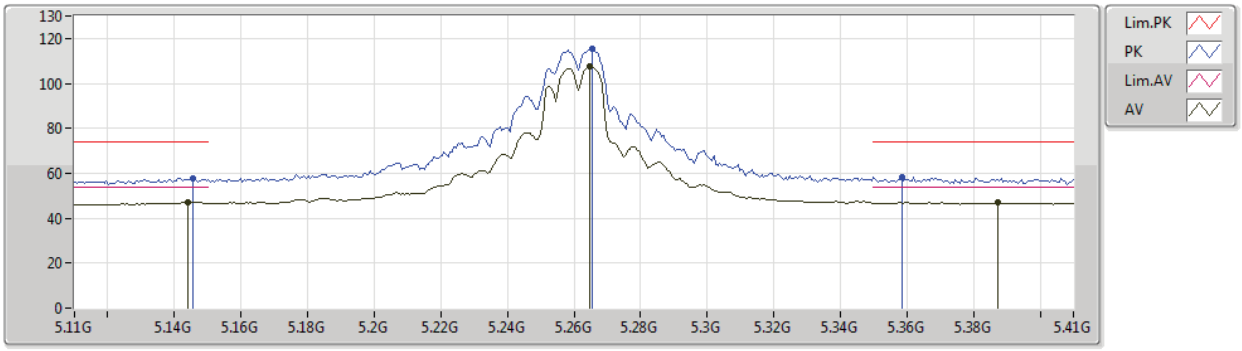


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1418G	47.93	54.00	-6.07	8.00	3	Vertical	103	2.12	-
AV	5.2636G	108.83	Inf	-Inf	7.84	3	Vertical	103	2.12	-
AV	5.3638G	46.92	54.00	-7.08	7.98	3	Vertical	103	2.12	-
PK	5.1394G	58.85	74.00	-15.15	8.00	3	Vertical	103	2.12	-
PK	5.263G	116.72	Inf	-Inf	7.84	3	Vertical	103	2.12	-
PK	5.353G	58.60	74.00	-15.40	7.94	3	Vertical	103	2.12	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5260MHz_TX

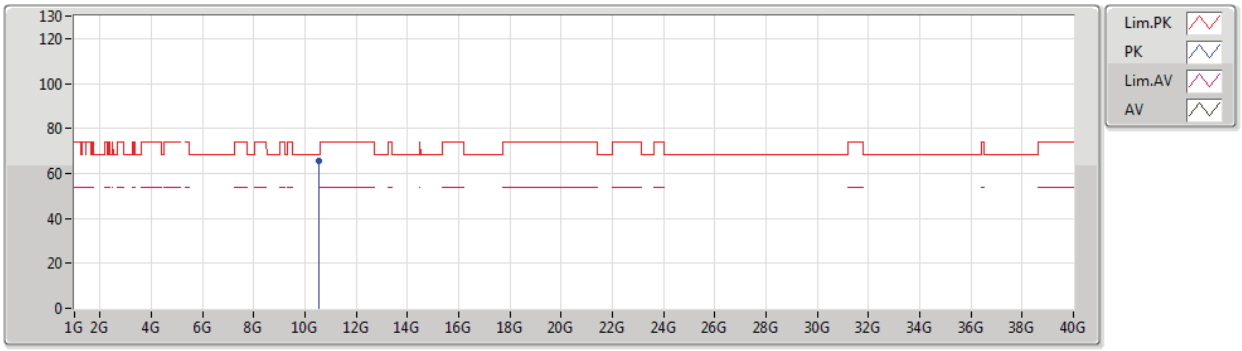


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1442G	47.33	54.00	-6.67	7.99	3	Horizontal	138	1.72	-
AV	5.2648G	107.51	Inf	-Inf	7.84	3	Horizontal	138	1.72	-
AV	5.3872G	46.91	54.00	-7.09	8.05	3	Horizontal	138	1.72	-
PK	5.1454G	57.83	74.00	-16.17	7.99	3	Horizontal	138	1.72	-
PK	5.2654G	115.23	Inf	-Inf	7.83	3	Horizontal	138	1.72	-
PK	5.3584G	58.09	74.00	-15.91	7.96	3	Horizontal	138	1.72	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5260MHz_TX

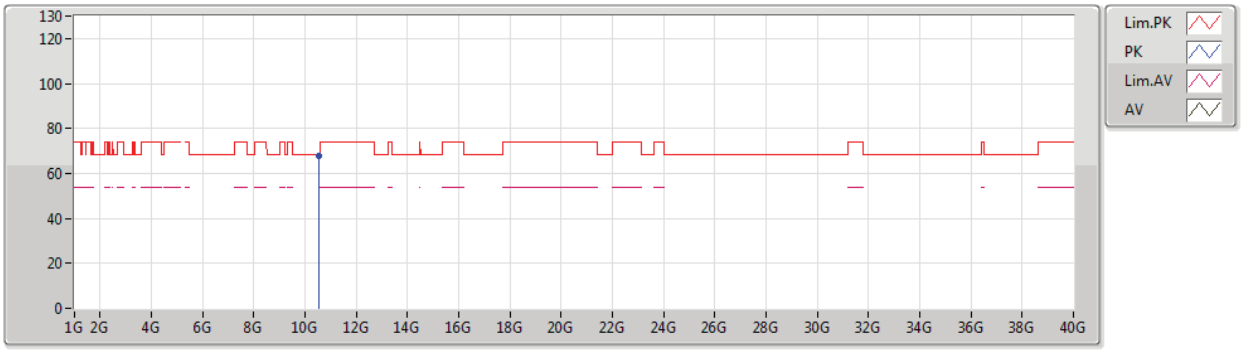


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51888G	65.65	68.20	-2.55	23.75	3	Vertical	178	2.57	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5260MHz_TX

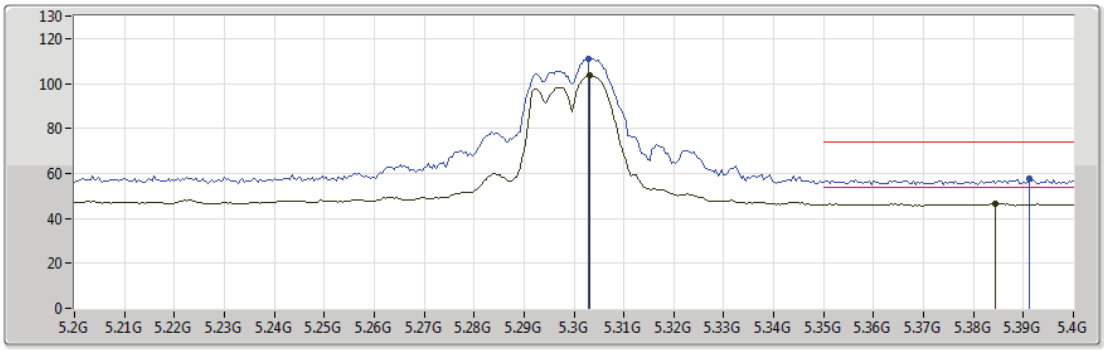


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51866G	67.80	68.20	-0.40	23.75	3	Horizontal	339	2.97	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5300MHz_TX

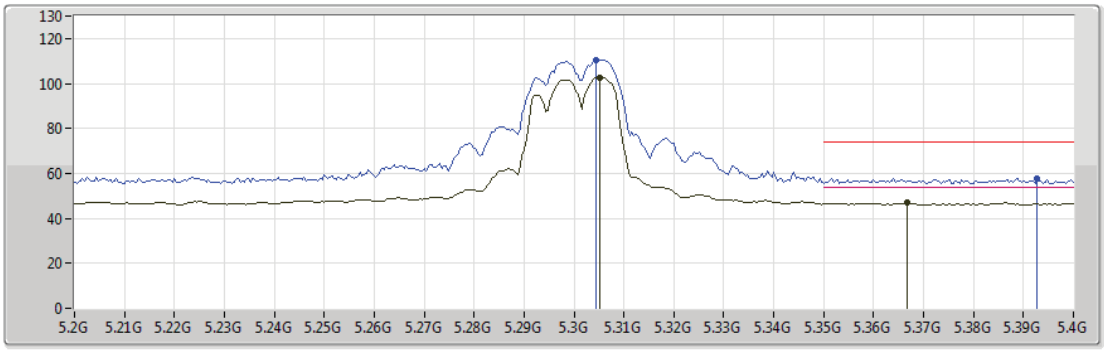


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3032G	103.47	Inf	-Inf	7.78	3	Vertical	94	2.22	-
AV	5.3844G	46.45	54.00	-7.55	8.05	3	Vertical	94	2.22	-
PK	5.3028G	111.03	Inf	-Inf	7.78	3	Vertical	94	2.22	-
PK	5.3912G	57.62	74.00	-16.38	8.06	3	Vertical	94	2.22	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5300MHz_TX

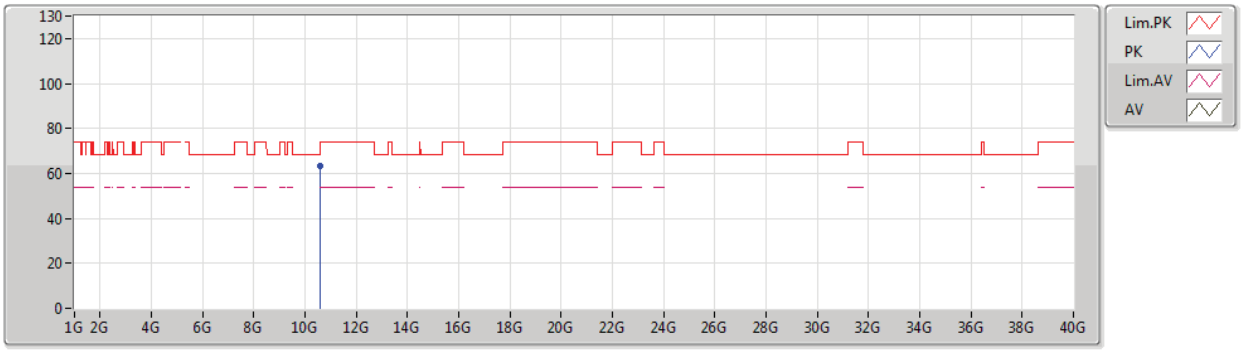


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3052G	102.80	Inf	-Inf	7.78	3	Horizontal	142	1.72	-
AV	5.3668G	47.01	54.00	-6.99	7.98	3	Horizontal	142	1.72	-
PK	5.3044G	110.55	Inf	-Inf	7.78	3	Horizontal	142	1.72	-
PK	5.3928G	57.66	74.00	-16.34	8.08	3	Horizontal	142	1.72	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5300MHz_TX

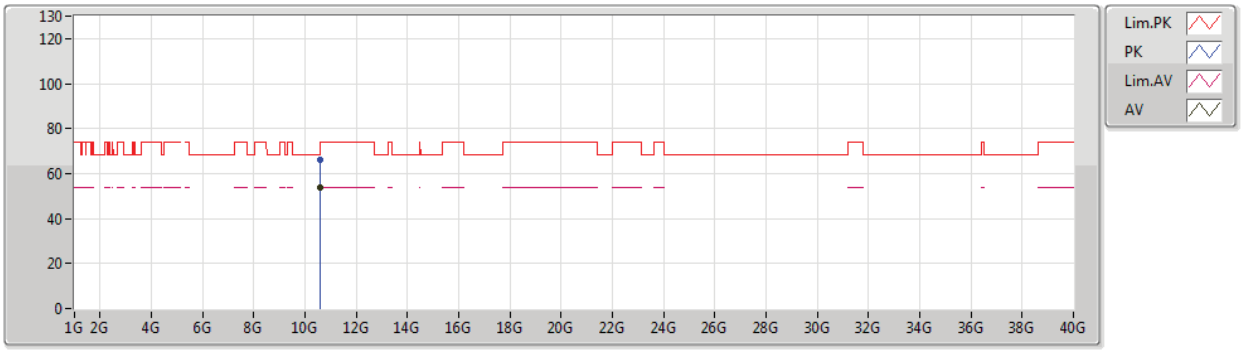


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.58632G	63.04	68.20	-5.16	23.38	3	Vertical	289	1.71	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5300MHz_TX

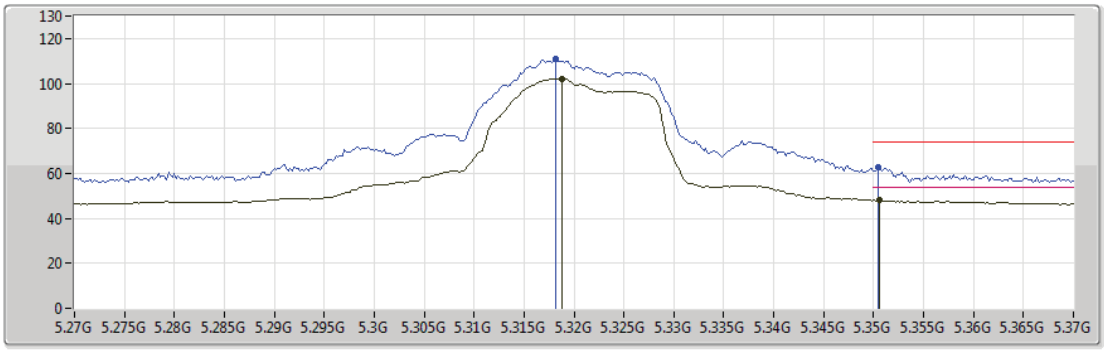


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.60594G	53.70	54.00	-0.30	23.27	3	Horizontal	332	1.41	-
PK	10.60582G	65.85	74.00	-8.15	23.27	3	Horizontal	332	1.41	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5320MHz_TX

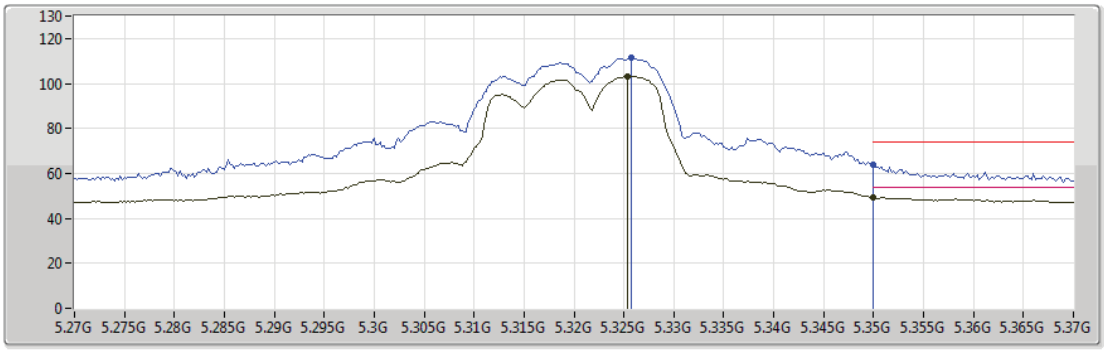


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3188G	102.04	Inf	-Inf	7.83	3	Vertical	270	1.89	-
AV	5.3506G	48.10	54.00	-5.90	7.93	3	Vertical	270	1.89	-
PK	5.3182G	110.67	Inf	-Inf	7.83	3	Vertical	270	1.89	-
PK	5.3504G	62.77	74.00	-11.23	7.93	3	Vertical	270	1.89	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5320MHz_TX

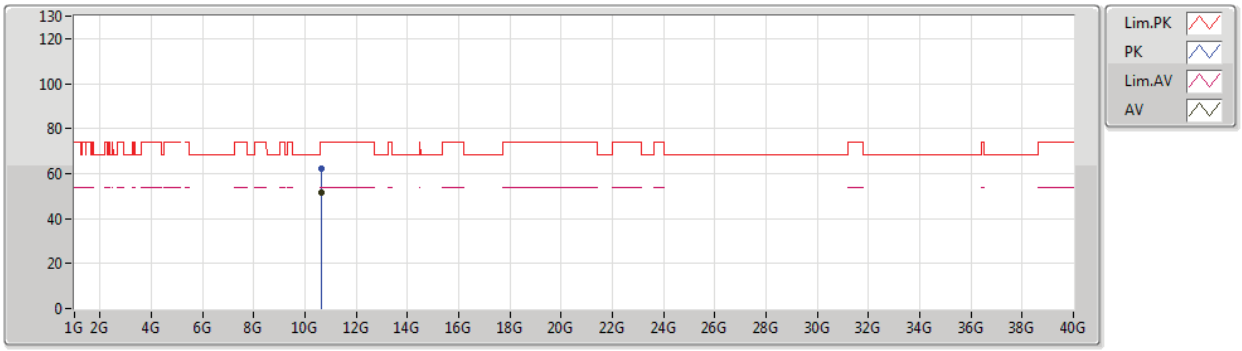


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3254G	103.17	Inf	-Inf	7.85	3	Horizontal	134	1.88	-
AV	5.35G	49.28	54.00	-4.72	7.93	3	Horizontal	134	1.88	-
PK	5.3258G	111.46	Inf	-Inf	7.86	3	Horizontal	134	1.88	-
PK	5.35G	63.65	74.00	-10.35	7.93	3	Horizontal	134	1.88	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5320MHz_TX

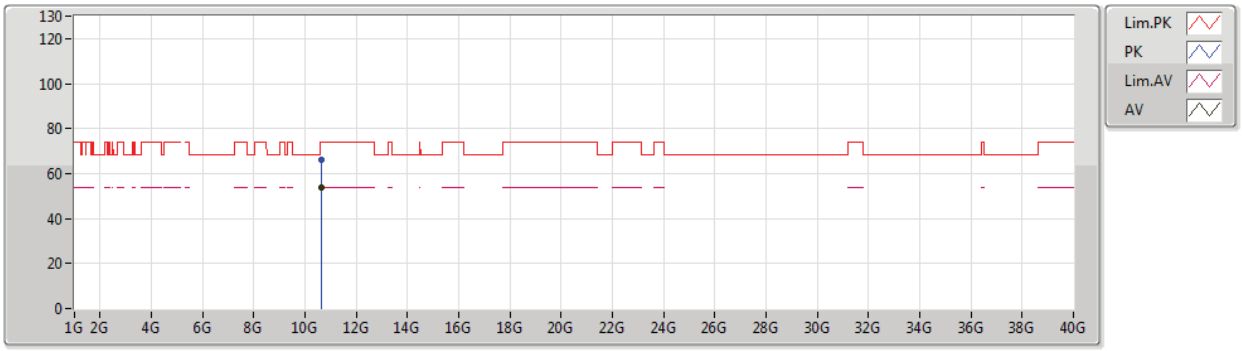


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64228G	51.28	54.00	-2.72	23.05	3	Vertical	179	1.45	-
PK	10.62842G	62.37	74.00	-11.63	23.15	3	Vertical	179	1.45	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5320MHz_TX

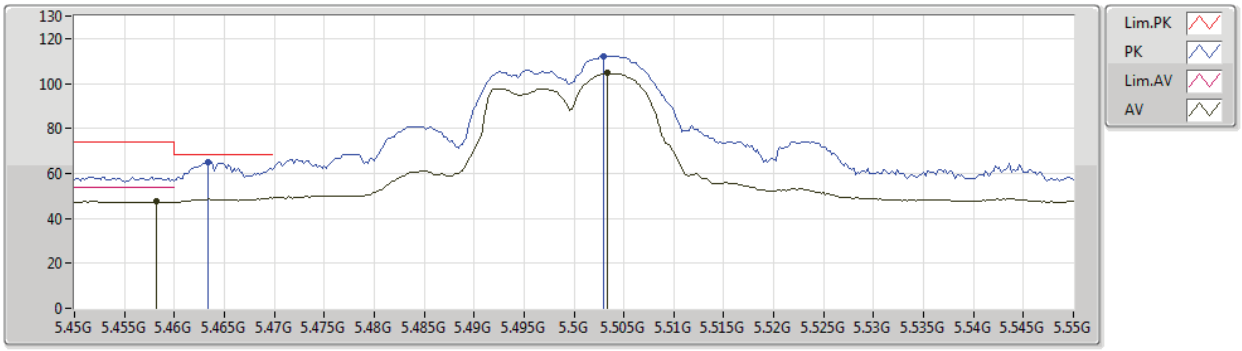


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64354G	53.65	54.00	-0.35	23.06	3	Horizontal	327	1.50	-
PK	10.64588G	66.18	74.00	-7.82	23.04	3	Horizontal	327	1.50	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5500MHz_TX

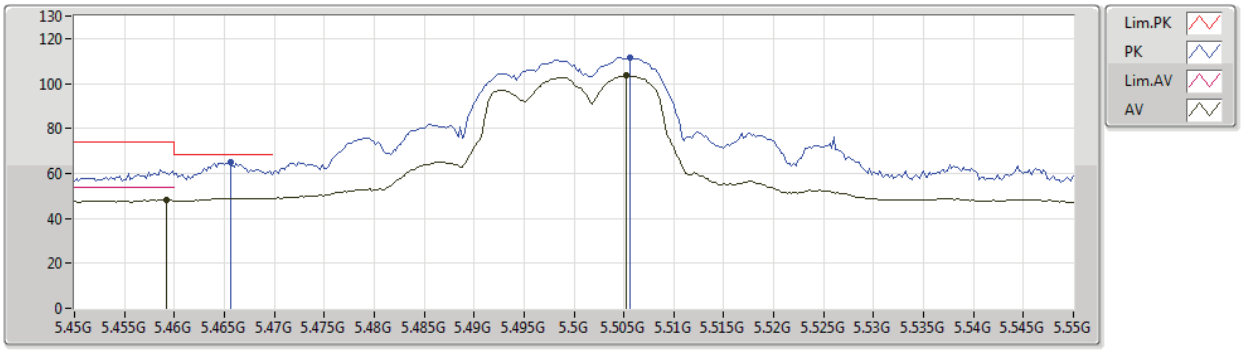


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4582G	47.48	54.00	-6.52	8.40	3	Vertical	99	2.37	-
AV	5.5034G	104.51	Inf	-Inf	8.60	3	Vertical	99	2.37	-
PK	5.4634G	65.20	68.20	-3.00	8.42	3	Vertical	99	2.37	-
PK	5.503G	112.22	Inf	-Inf	8.60	3	Vertical	99	2.37	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5500MHz_TX

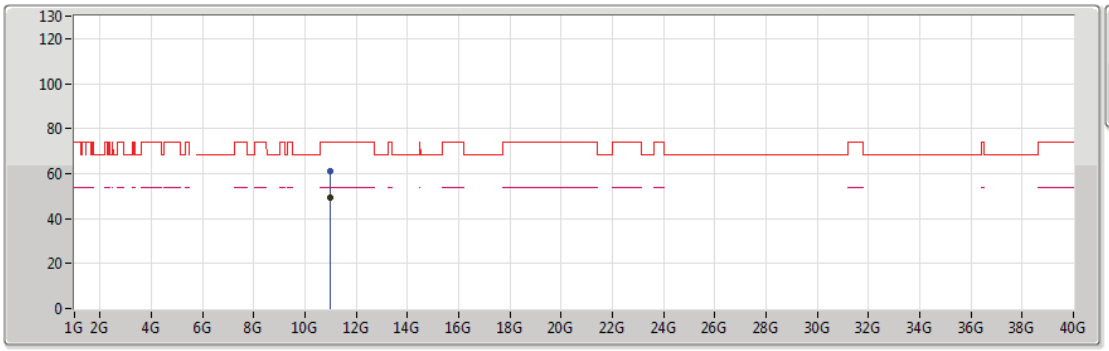


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4592G	48.15	54.00	-5.85	8.41	3	Horizontal	139	1.67	-
AV	5.5052G	103.45	Inf	-Inf	8.61	3	Horizontal	139	1.67	-
PK	5.4656G	65.14	68.20	-3.06	8.43	3	Horizontal	139	1.67	-
PK	5.5056G	111.43	Inf	-Inf	8.61	3	Horizontal	139	1.67	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5500MHz_TX

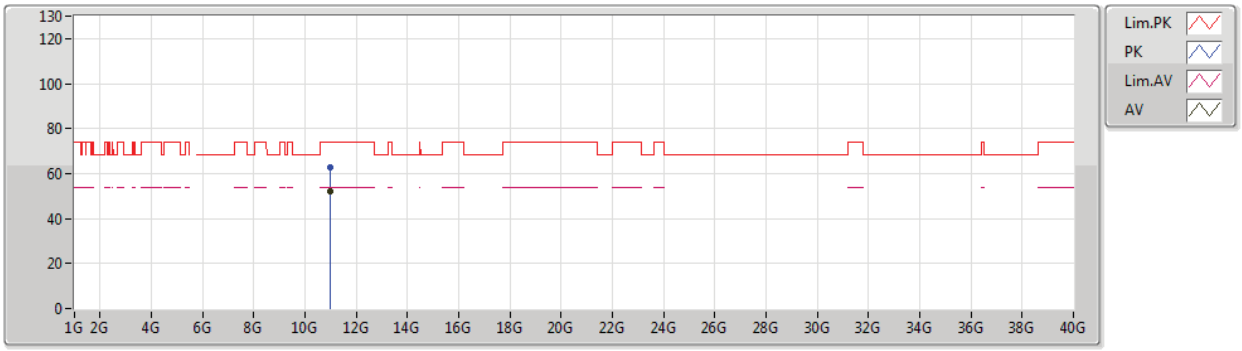


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.9904G	49.51	54.00	-4.49	21.09	3	Vertical	357	1.22	-
PK	11.00264G	61.13	74.00	-12.87	21.04	3	Vertical	357	1.22	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5500MHz_TX

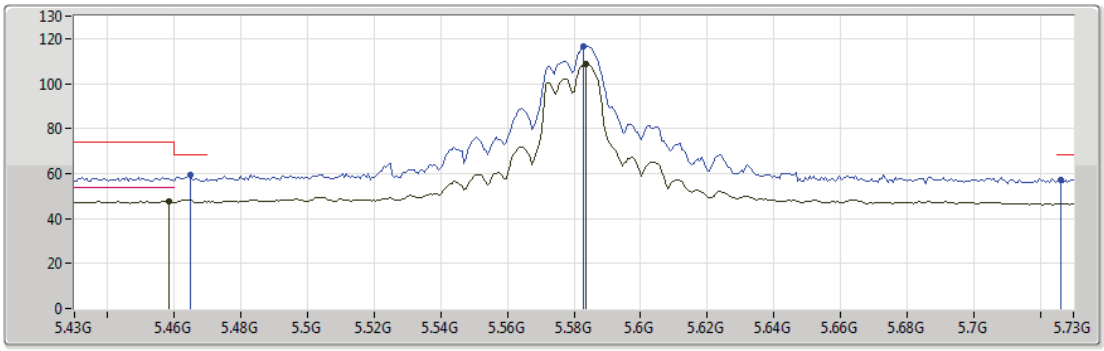


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99358G	51.84	54.00	-2.16	21.07	3	Horizontal	335	1.63	-
PK	10.9922G	62.52	74.00	-11.48	21.08	3	Horizontal	335	1.63	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5580MHz_TX

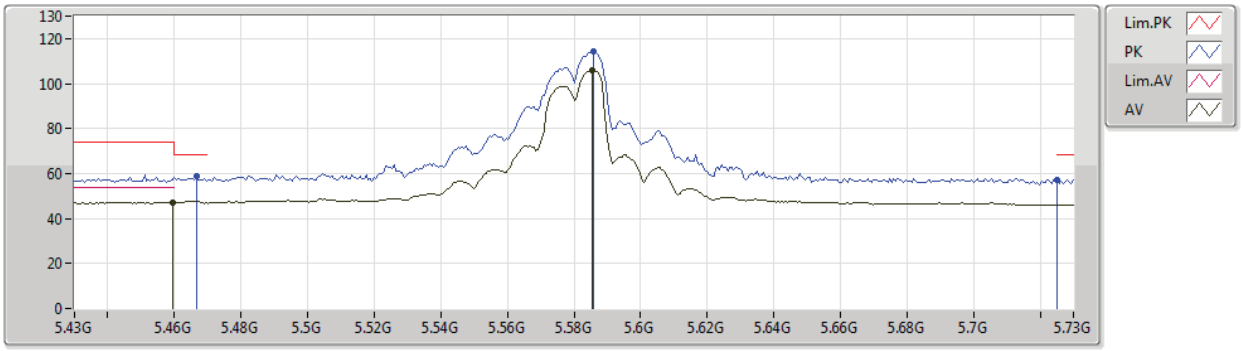


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4582G	47.57	54.00	-6.43	8.40	3	Vertical	105	2.27	-
AV	5.5836G	108.62	Inf	-Inf	8.49	3	Vertical	105	2.27	-
PK	5.4648G	59.38	68.20	-8.82	8.43	3	Vertical	105	2.27	-
PK	5.583G	116.30	Inf	-Inf	8.50	3	Vertical	105	2.27	-
PK	5.7264G	57.23	68.20	-10.97	8.72	3	Vertical	105	2.27	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5580MHz_TX

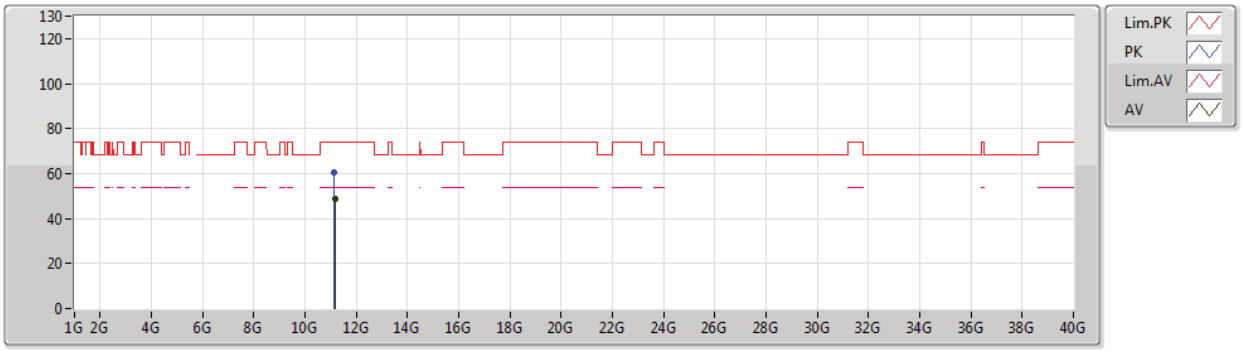


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4594G	47.23	54.00	-6.77	8.41	3	Horizontal	321	2.03	-
AV	5.5854G	106.07	Inf	-Inf	8.50	3	Horizontal	321	2.03	-
PK	5.4666G	59.08	68.20	-9.12	8.44	3	Horizontal	321	2.03	-
PK	5.586G	114.06	Inf	-Inf	8.50	3	Horizontal	321	2.03	-
PK	5.7252G	57.27	68.20	-10.93	8.72	3	Horizontal	321	2.03	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5580MHz_TX

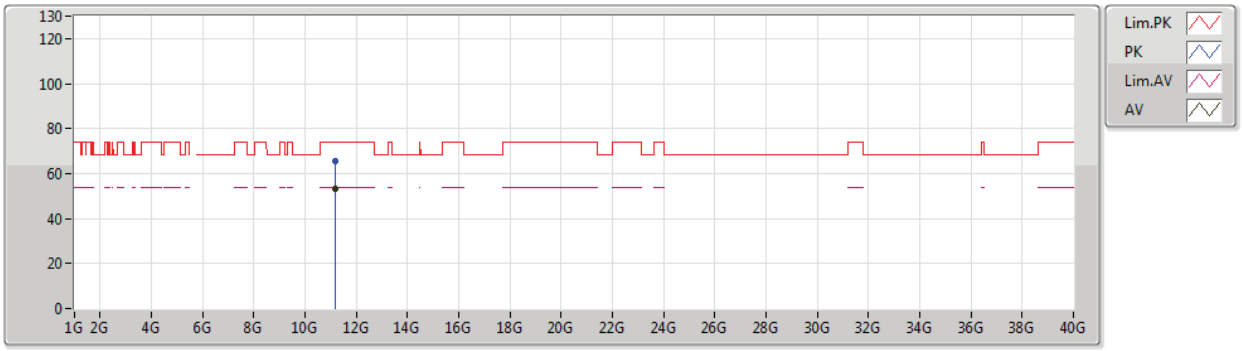


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.15928G	48.73	54.00	-5.27	20.58	3	Vertical	294	1.45	-
PK	11.14836G	60.49	74.00	-13.51	20.62	3	Vertical	294	1.45	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5580MHz_TX

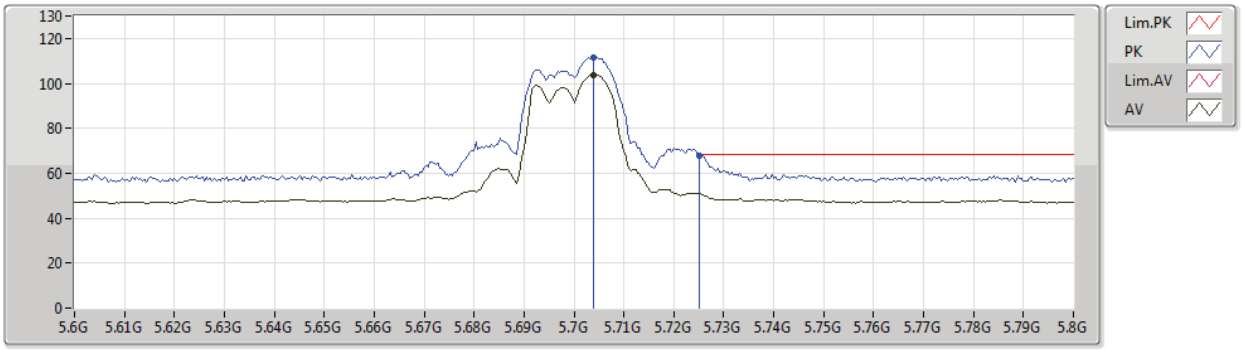


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.16066G	53.37	54.00	-0.63	20.58	3	Horizontal	75	1.68	-
PK	11.15868G	65.59	74.00	-8.41	20.59	3	Horizontal	75	1.68	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5700MHz_TX

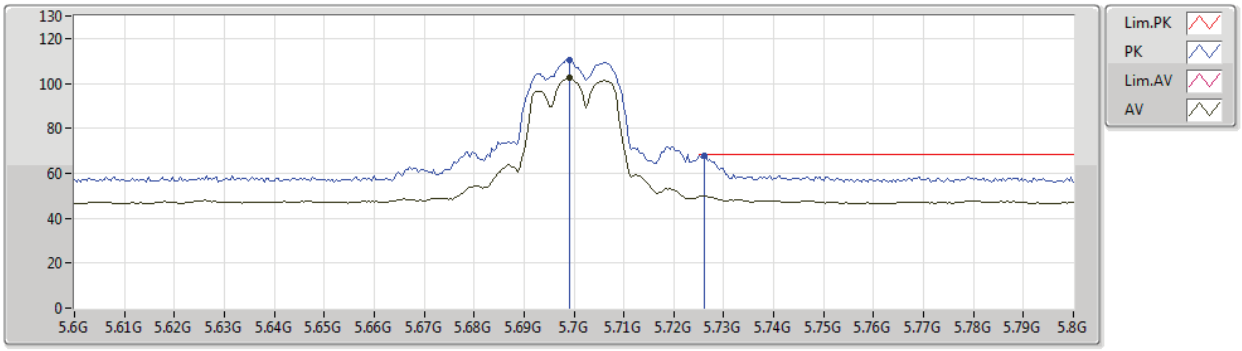


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.704G	103.79	Inf	-Inf	8.66	3	Vertical	102	2.20	-
PK	5.704G	111.34	Inf	-Inf	8.66	3	Vertical	102	2.20	-
PK	5.7252G	68.00	68.20	-0.20	8.72	3	Vertical	102	2.20	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5700MHz_TX

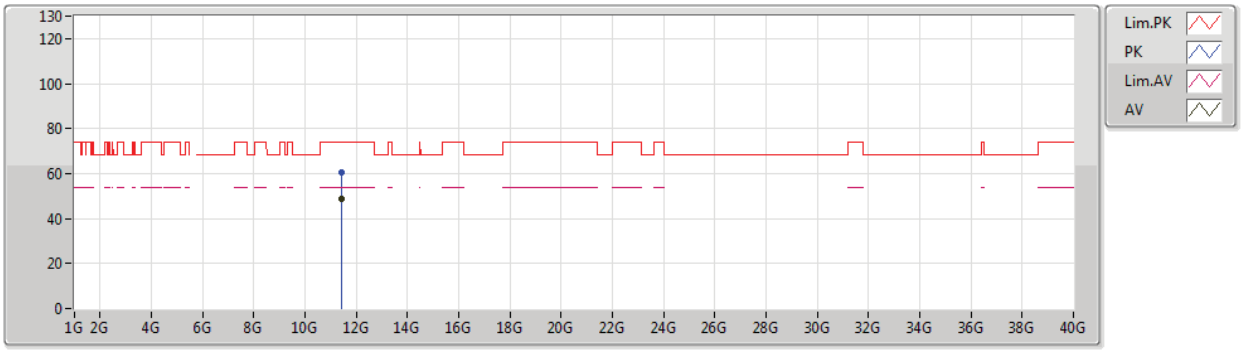


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	102.55	Inf	-Inf	8.65	3	Horizontal	138	1.64	-
PK	5.6992G	110.60	Inf	-Inf	8.65	3	Horizontal	138	1.64	-
PK	5.726G	67.72	68.20	-0.48	8.72	3	Horizontal	138	1.64	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5700MHz_TX

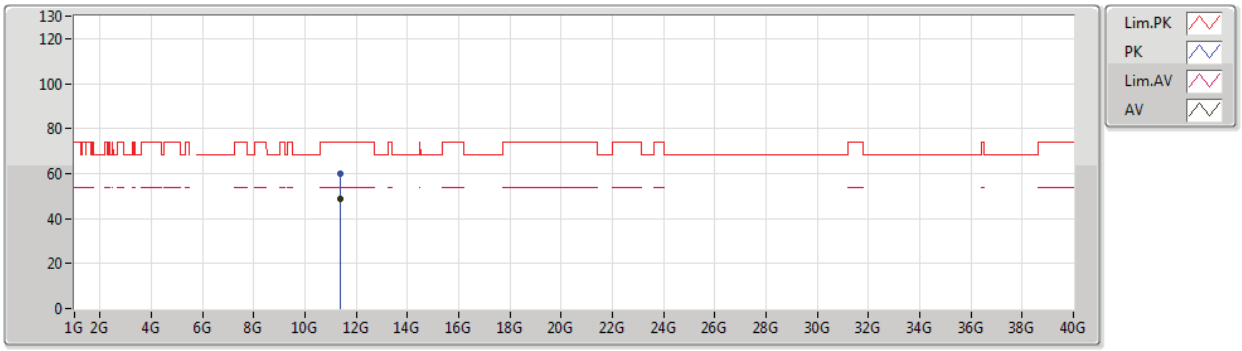


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.41164G	48.86	54.00	-5.14	19.86	3	Vertical	109	1.50	-
PK	11.41488G	60.79	74.00	-13.21	19.86	3	Vertical	109	1.50	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5700MHz_TX

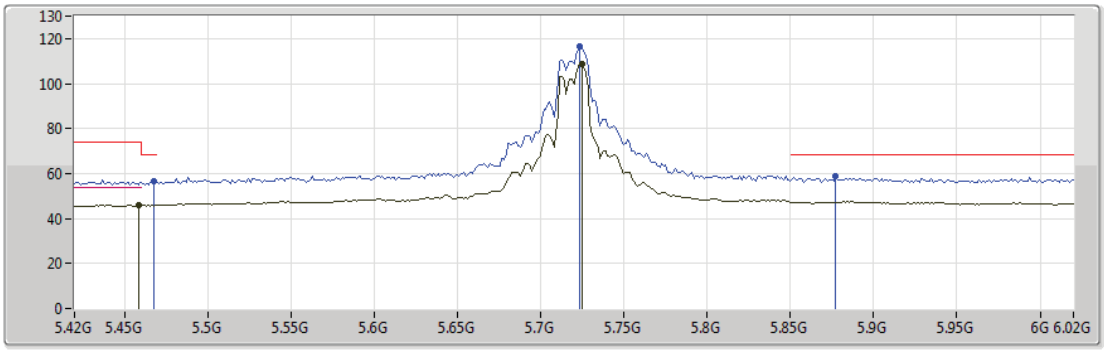


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.3934G	48.85	54.00	-5.15	19.92	3	Horizontal	336	1.39	-
PK	11.39184G	60.05	74.00	-13.95	19.92	3	Horizontal	336	1.39	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

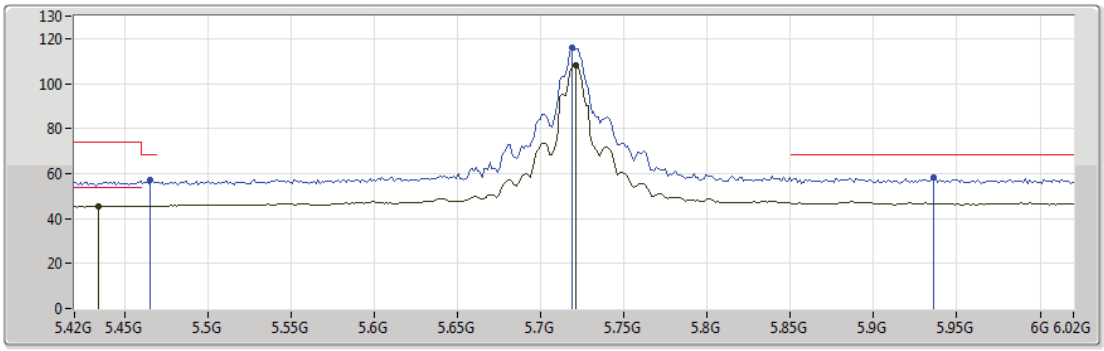


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4584G	45.80	54.00	-8.20	8.40	3	Vertical	102	2.27	-
AV	5.7248G	108.67	Inf	-Inf	8.71	3	Vertical	102	2.27	-
PK	5.468G	56.83	68.20	-11.37	8.45	3	Vertical	102	2.27	-
PK	5.7236G	116.45	Inf	-Inf	8.71	3	Vertical	102	2.27	-
PK	5.8772G	58.67	68.20	-9.53	9.12	3	Vertical	102	2.27	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

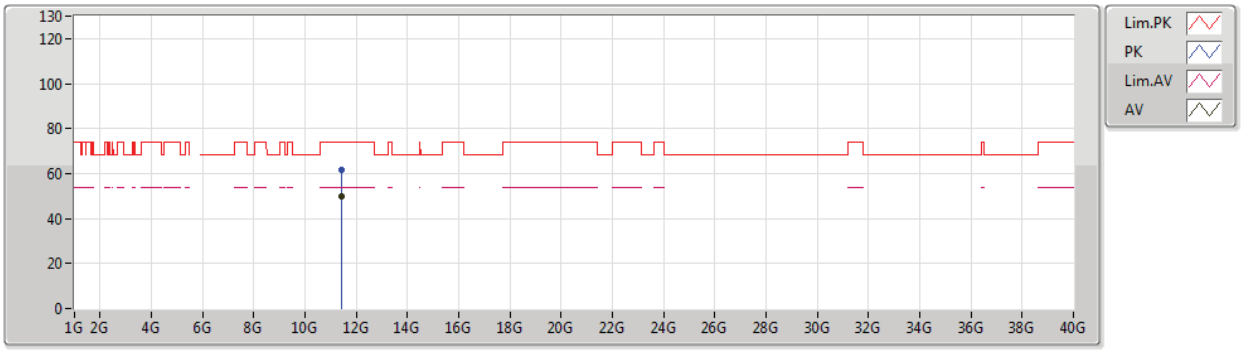


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4344G	45.58	54.00	-8.42	8.27	3	Horizontal	356	2.25	-
AV	5.7212G	108.26	Inf	-Inf	8.70	3	Horizontal	356	2.25	-
PK	5.4656G	57.01	68.20	-11.19	8.43	3	Horizontal	356	2.25	-
PK	5.7188G	116.03	Inf	-Inf	8.70	3	Horizontal	356	2.25	-
PK	5.936G	58.18	68.20	-10.02	9.25	3	Horizontal	356	2.25	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

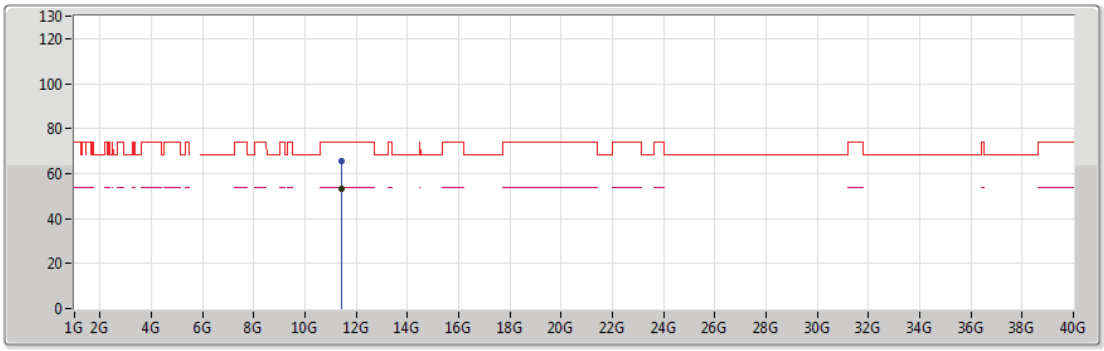


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.44072G	50.03	54.00	-3.97	19.78	3	Vertical	210	2.18	-
PK	11.43868G	61.41	74.00	-12.59	19.78	3	Vertical	210	2.18	-

802.11a_Nss1,(6Mbps)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

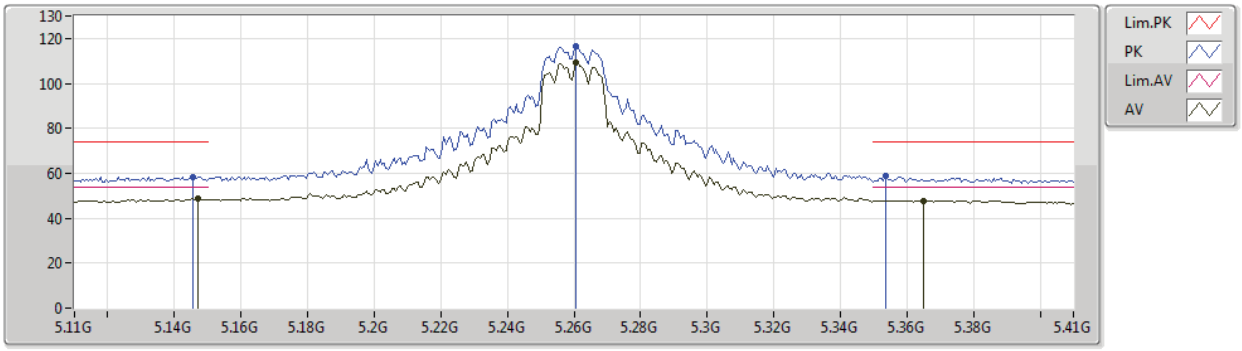


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.43796G	53.35	54.00	-0.65	19.78	3	Horizontal	46	2.35	-
PK	11.43982G	65.60	74.00	-8.40	19.78	3	Horizontal	46	2.35	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5260MHz_TX

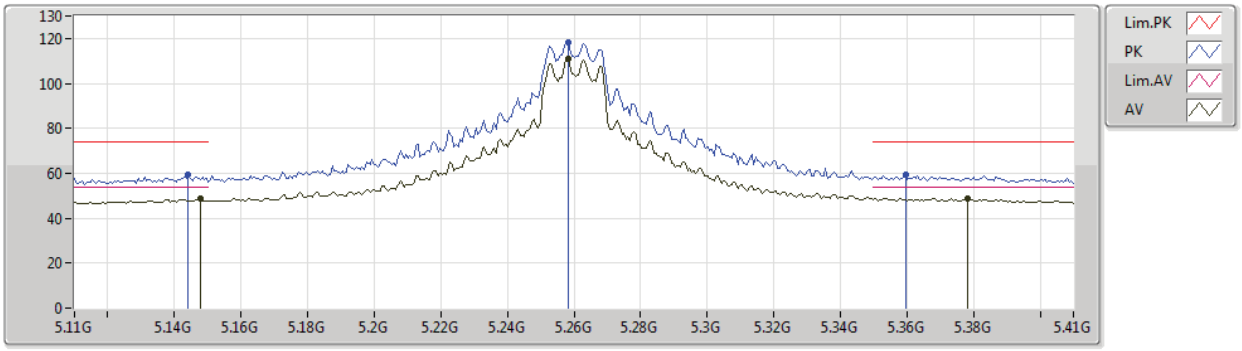


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1472G	48.66	54.00	-5.34	9.02	3	Vertical	120	2.08	-
AV	5.2606G	109.47	Inf	-Inf	8.83	3	Vertical	120	2.08	-
AV	5.365G	47.87	54.00	-6.13	8.92	3	Vertical	120	2.08	-
PK	5.1454G	58.44	74.00	-15.56	9.02	3	Vertical	120	2.08	-
PK	5.2606G	116.80	Inf	-Inf	8.83	3	Vertical	120	2.08	-
PK	5.3536G	59.01	74.00	-14.99	8.89	3	Vertical	120	2.08	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5260MHz_TX

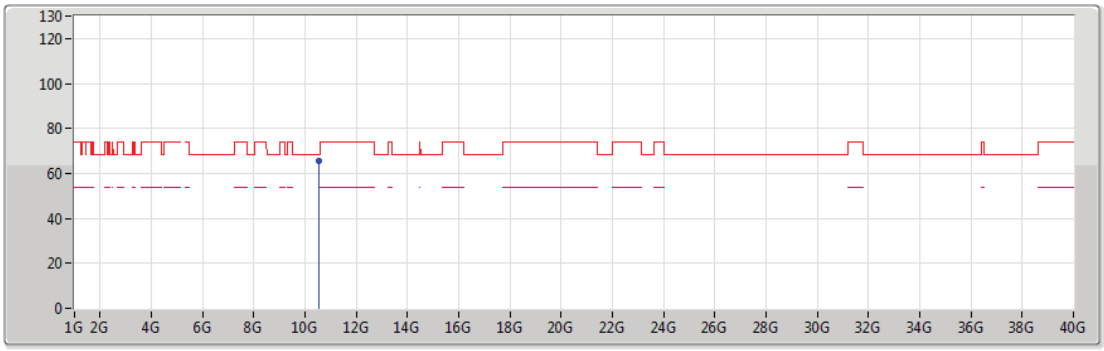


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1478G	48.56	54.00	-5.44	9.01	3	Horizontal	146	1.78	-
AV	5.2582G	110.81	Inf	-Inf	8.84	3	Horizontal	146	1.78	-
AV	5.3782G	48.71	54.00	-5.29	8.96	3	Horizontal	146	1.78	-
PK	5.1442G	59.14	74.00	-14.86	9.01	3	Horizontal	146	1.78	-
PK	5.2582G	118.33	Inf	-Inf	8.84	3	Horizontal	146	1.78	-
PK	5.3596G	59.33	74.00	-14.67	8.90	3	Horizontal	146	1.78	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5260MHz_TX

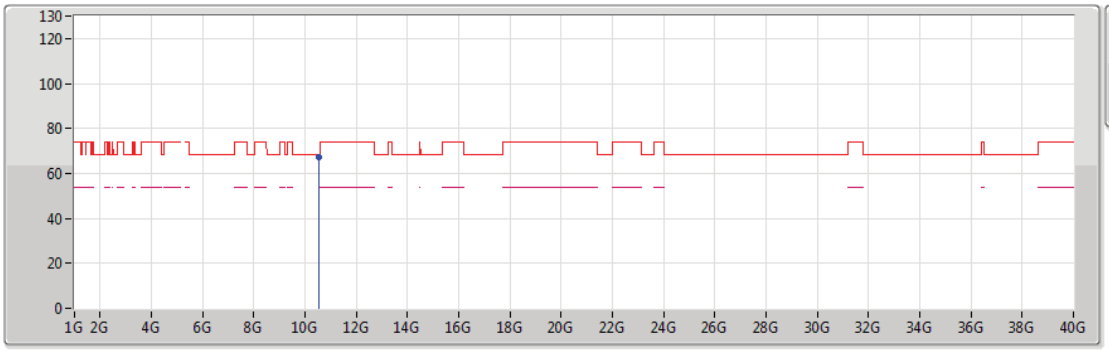


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51946G	65.49	68.20	-2.71	23.76	3	Vertical	179	1.50	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5260MHz_TX

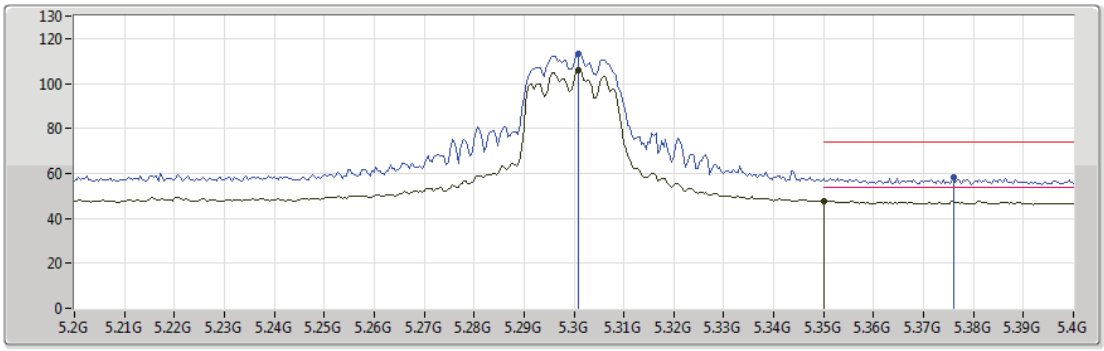


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51953G	67.25	68.20	-0.95	23.76	3	Horizontal	332	2.90	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5300MHz_TX

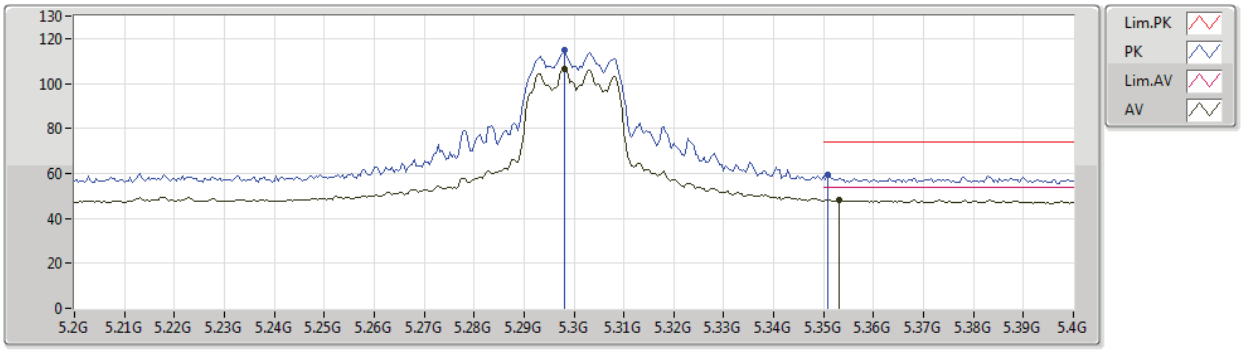


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3008G	105.89	Inf	-Inf	8.73	3	Vertical	109	2.43	-
AV	5.35G	47.79	54.00	-6.21	8.88	3	Vertical	109	2.43	-
PK	5.3008G	113.33	Inf	-Inf	8.73	3	Vertical	109	2.43	-
PK	5.376G	58.36	74.00	-15.64	8.95	3	Vertical	109	2.43	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5300MHz_TX

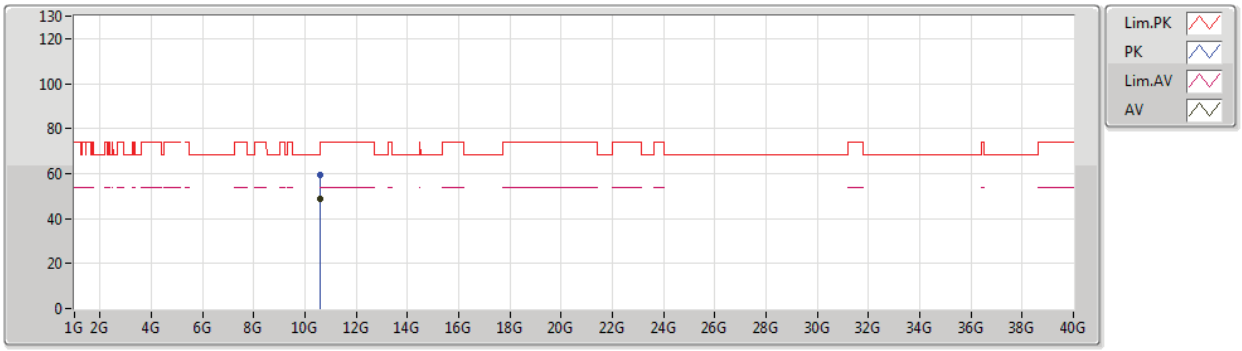


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.298G	106.51	Inf	-Inf	8.74	3	Horizontal	144	1.58	-
AV	5.3532G	48.26	54.00	-5.74	8.89	3	Horizontal	144	1.58	-
PK	5.298G	114.82	Inf	-Inf	8.74	3	Horizontal	144	1.58	-
PK	5.3508G	59.18	74.00	-14.82	8.88	3	Horizontal	144	1.58	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5300MHz_TX

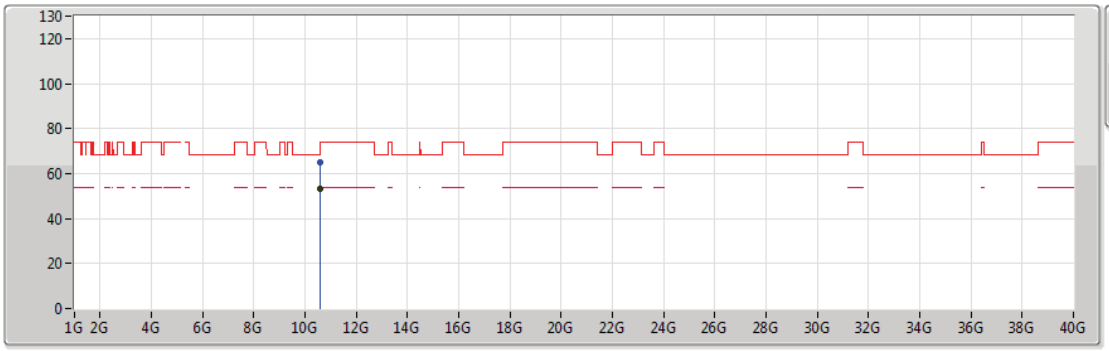


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.59772G	48.86	Inf	-Inf	19.53	3	Vertical	185	2.57	-
PK	10.5925G	59.15	68.20	-9.05	19.51	3	Vertical	185	2.57	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5300MHz_TX

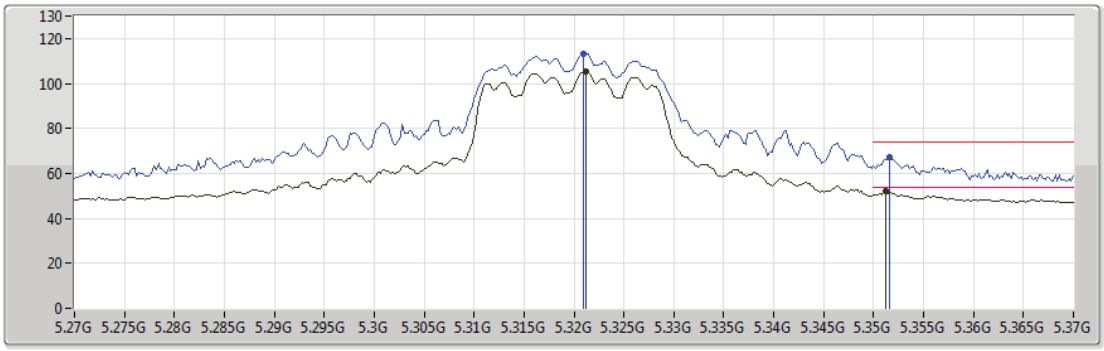


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.6005G	53.48	54.00	-0.52	19.53	3	Horizontal	335	1.47	-
PK	10.6005G	65.18	74.00	-8.82	19.53	3	Horizontal	335	1.47	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5320MHz_TX

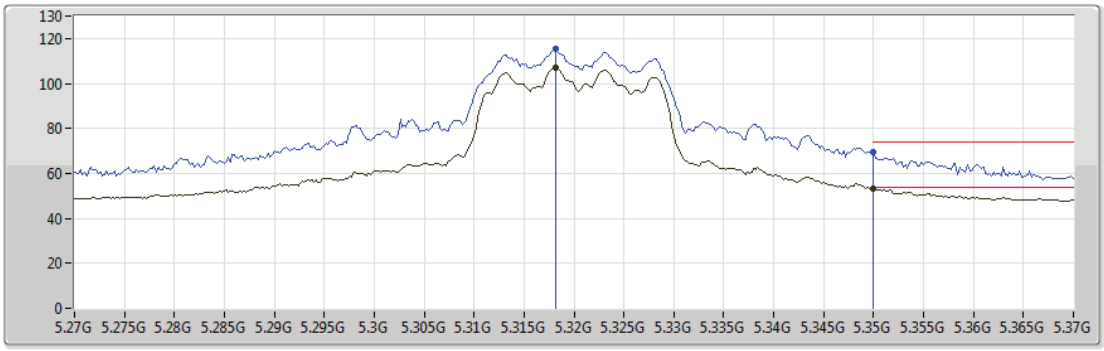


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3212G	105.25	Inf	-Inf	8.78	3	Vertical	99	2.25	-
AV	5.3512G	52.08	54.00	-1.92	8.88	3	Vertical	99	2.25	-
PK	5.321G	113.23	Inf	-Inf	8.78	3	Vertical	99	2.25	-
PK	5.3516G	66.99	74.00	-7.01	8.88	3	Vertical	99	2.25	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5320MHz_TX

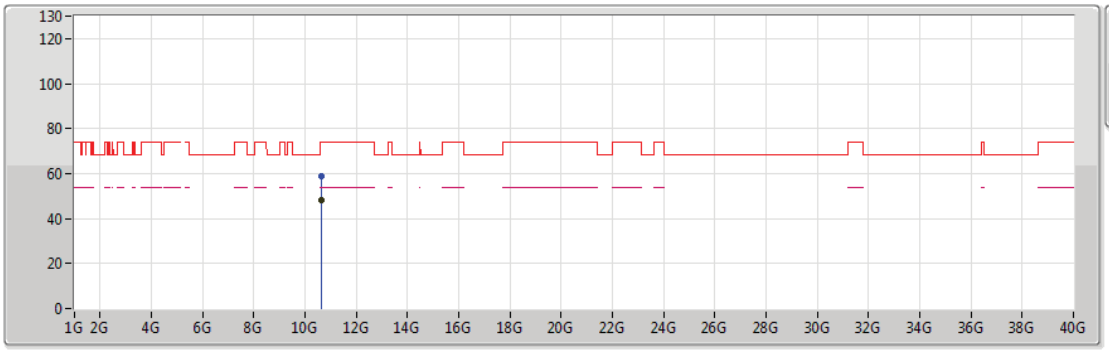


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3182G	106.76	Inf	-Inf	8.78	3	Horizontal	136	1.69	-
AV	5.35G	53.30	54.00	-0.70	8.88	3	Horizontal	136	1.69	-
PK	5.3182G	115.26	Inf	-Inf	8.78	3	Horizontal	136	1.69	-
PK	5.35G	69.50	74.00	-4.50	8.88	3	Horizontal	136	1.69	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5320MHz_TX

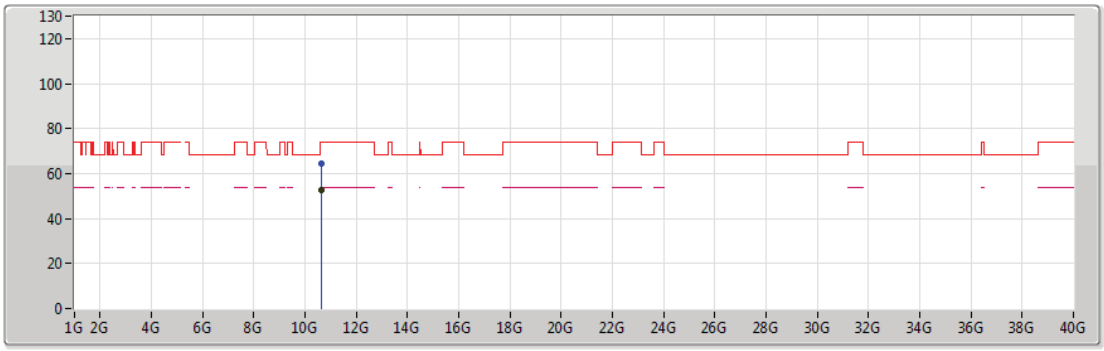


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.63856G	48.01	54.00	-5.99	19.59	3	Vertical	76	1.16	-
PK	10.63886G	58.69	74.00	-15.31	19.59	3	Vertical	76	1.16	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5320MHz_TX

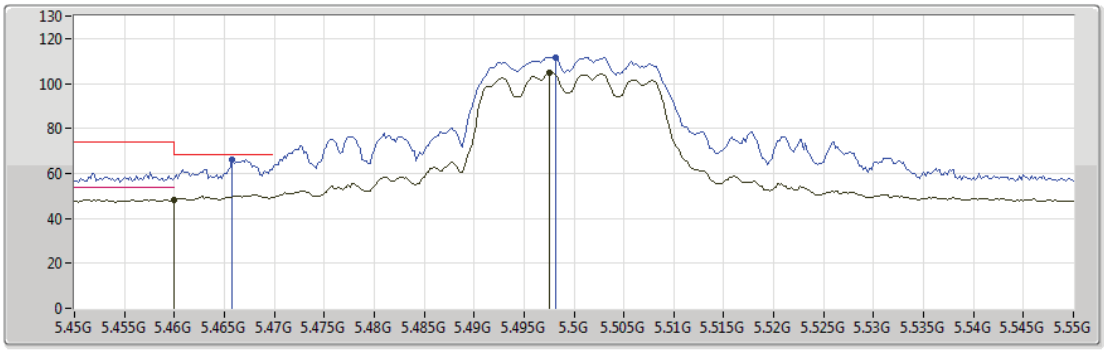


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.64066G	52.89	54.00	-1.11	19.59	3	Horizontal	318	1.52	-
PK	10.64048G	64.33	74.00	-9.67	19.59	3	Horizontal	318	1.52	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5500MHz_TX

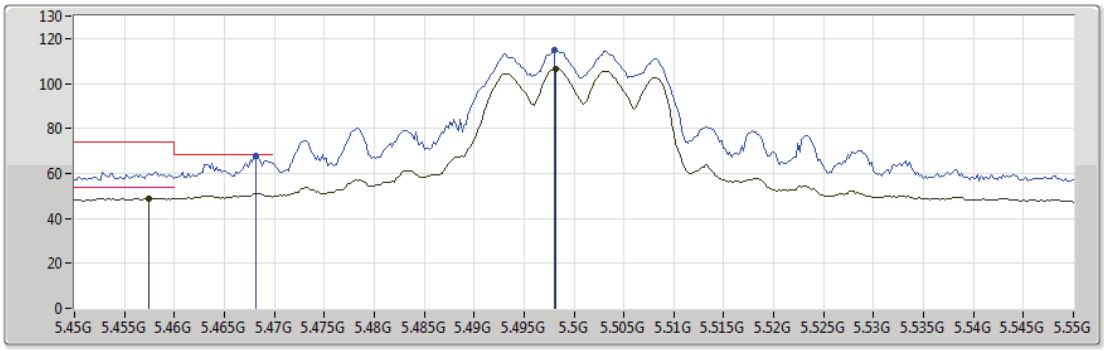


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	48.16	54.00	-5.84	9.29	3	Vertical	97	2.25	-
AV	5.4976G	104.72	Inf	-Inf	9.46	3	Vertical	97	2.25	-
PK	5.4658G	66.27	68.20	-1.93	9.32	3	Vertical	97	2.25	-
PK	5.4982G	111.74	Inf	-Inf	9.46	3	Vertical	97	2.25	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5500MHz_TX

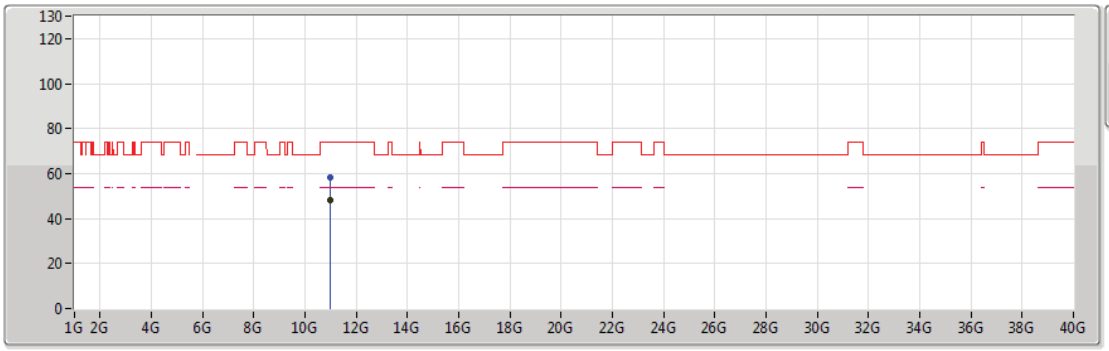


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4574G	48.97	54.00	-5.03	9.28	3	Horizontal	305	1.76	-
AV	5.4982G	106.69	Inf	-Inf	9.46	3	Horizontal	305	1.76	-
PK	5.4682G	67.81	68.20	-0.39	9.33	3	Horizontal	305	1.76	-
PK	5.498G	115.05	Inf	-Inf	9.46	3	Horizontal	305	1.76	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5500MHz_TX

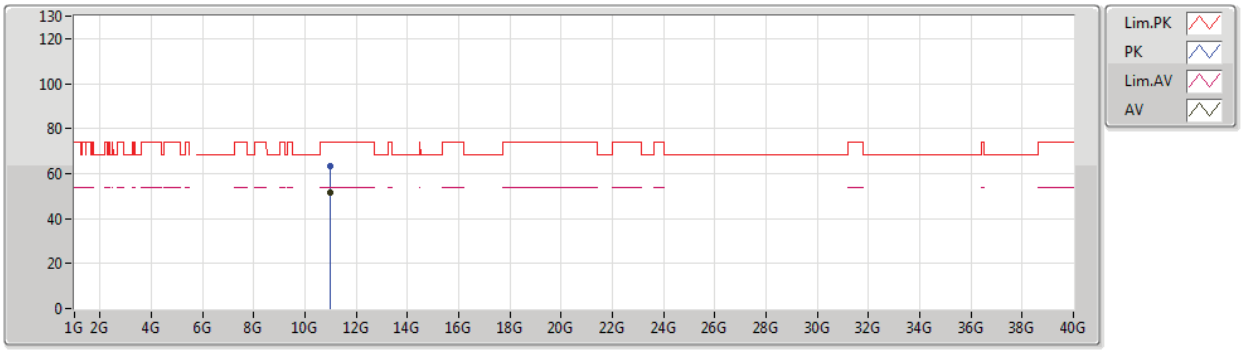


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.99622G	48.14	54.00	-5.86	20.19	3	Vertical	59	1.29	-
PK	11.00042G	58.01	74.00	-15.99	20.19	3	Vertical	59	1.29	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5500MHz_TX

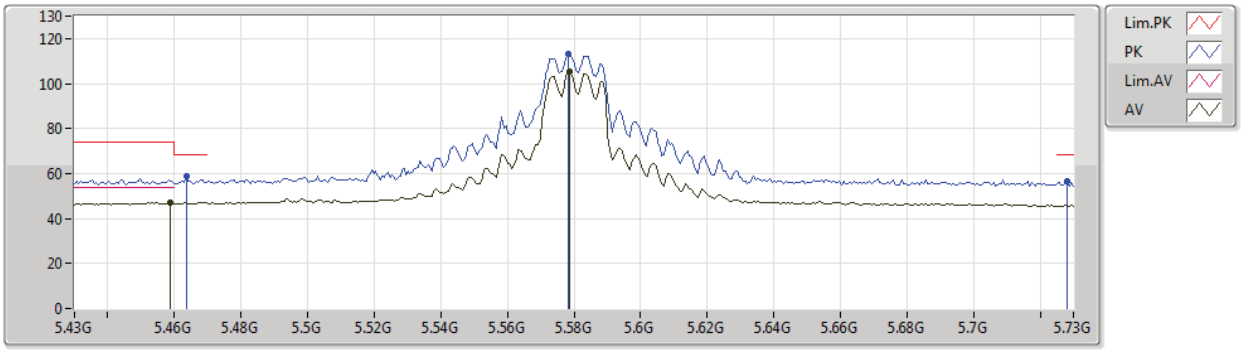


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.00156G	51.75	54.00	-2.25	20.19	3	Horizontal	328	1.51	-
PK	11.00138G	63.05	74.00	-10.95	20.19	3	Horizontal	328	1.51	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5580MHz_TX

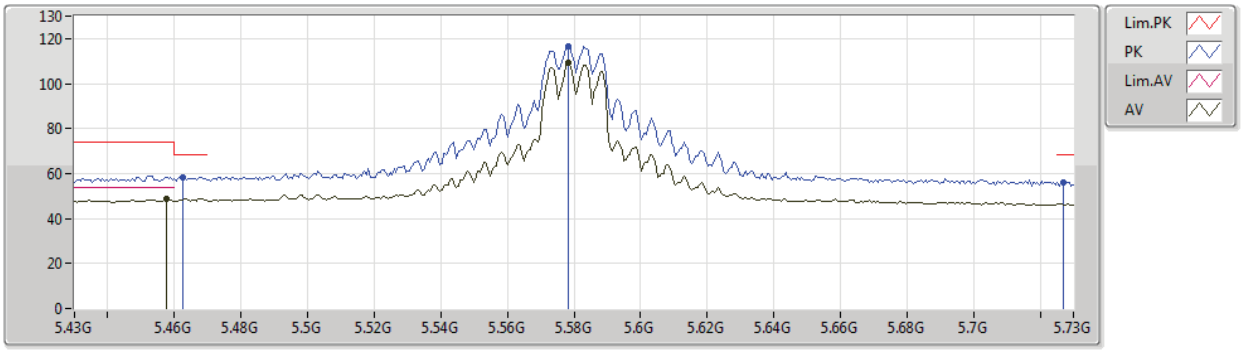


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4588G	47.06	54.00	-6.94	9.29	3	Vertical	304	1.74	-
AV	5.5788G	105.31	Inf	-Inf	9.35	3	Vertical	304	1.74	-
PK	5.4636G	58.56	68.20	-9.64	9.31	3	Vertical	304	1.74	-
PK	5.5782G	113.15	Inf	-Inf	9.34	3	Vertical	304	1.74	-
PK	5.7282G	56.36	68.20	-11.84	9.49	3	Vertical	304	1.74	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5580MHz_TX

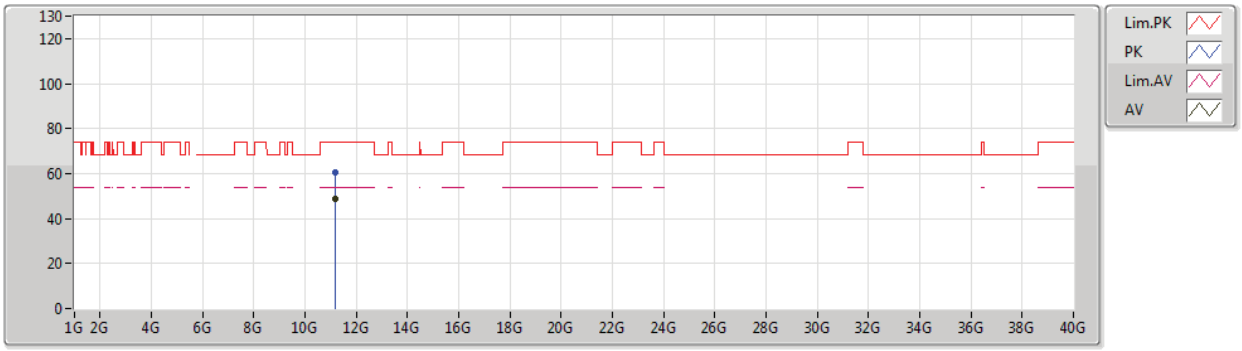


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4576G	48.49	54.00	-5.51	9.28	3	Horizontal	320	1.78	-
AV	5.5782G	109.01	Inf	-Inf	9.34	3	Horizontal	320	1.78	-
PK	5.4624G	58.49	68.20	-9.71	9.30	3	Horizontal	320	1.78	-
PK	5.5782G	116.80	Inf	-Inf	9.34	3	Horizontal	320	1.78	-
PK	5.727G	56.28	68.20	-11.92	9.48	3	Horizontal	320	1.78	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5580MHz_TX

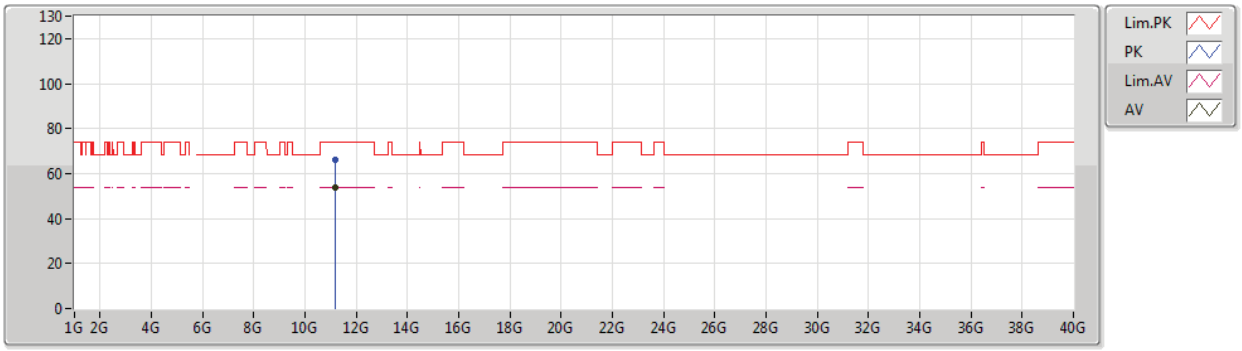


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.1605G	48.59	54.00	-5.41	20.07	3	Vertical	154	2.34	-
PK	11.161G	60.76	74.00	-13.24	20.07	3	Vertical	154	2.34	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5580MHz_TX

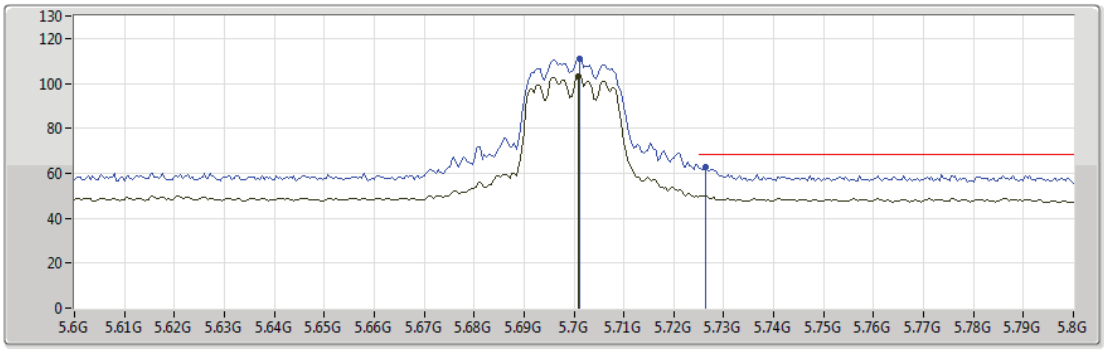


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.1587G	53.82	54.00	-0.18	20.07	3	Horizontal	67	1.63	-
PK	11.1584G	65.97	74.00	-8.03	20.07	3	Horizontal	67	1.63	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5700MHz_TX

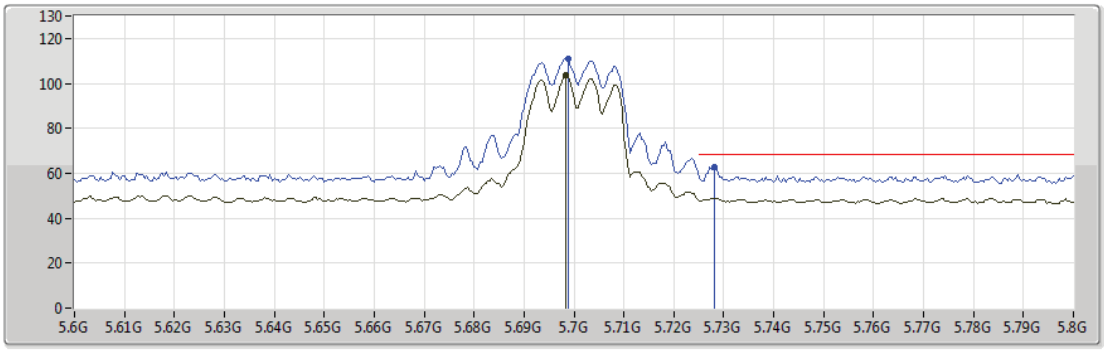


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7008G	103.31	Inf	-Inf	9.43	3	Vertical	95	2.44	-
PK	5.7012G	110.74	Inf	-Inf	9.43	3	Vertical	95	2.44	-
PK	5.7264G	62.75	68.20	-5.45	9.48	3	Vertical	95	2.44	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5700MHz_TX

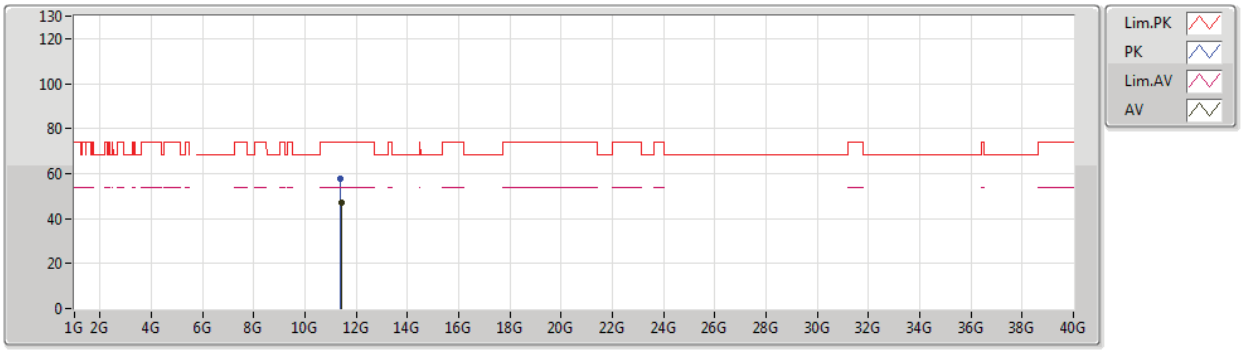


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6984G	103.46	Inf	-Inf	9.43	3	Horizontal	318	1.68	-
PK	5.6988G	110.88	Inf	-Inf	9.43	3	Horizontal	318	1.68	-
PK	5.728G	62.82	68.20	-5.38	9.49	3	Horizontal	318	1.68	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5700MHz_TX

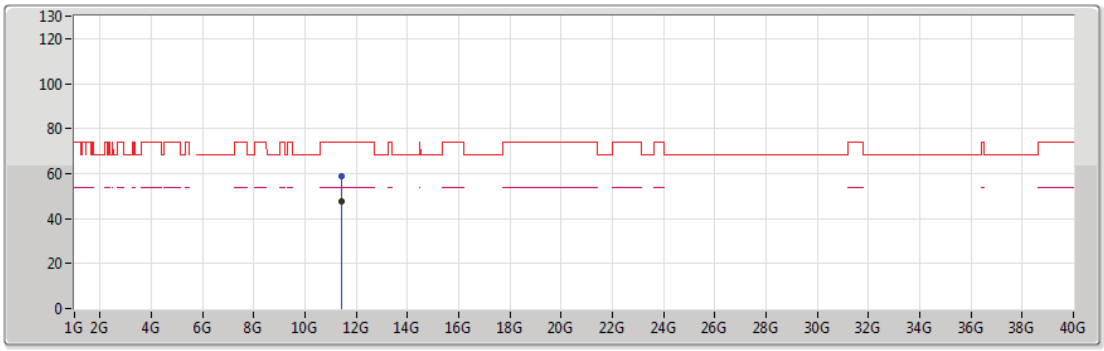


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40174G	47.07	54.00	-6.93	19.88	3	Vertical	56	1.13	-
PK	11.39556G	57.67	74.00	-16.33	19.89	3	Vertical	56	1.13	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5700MHz_TX

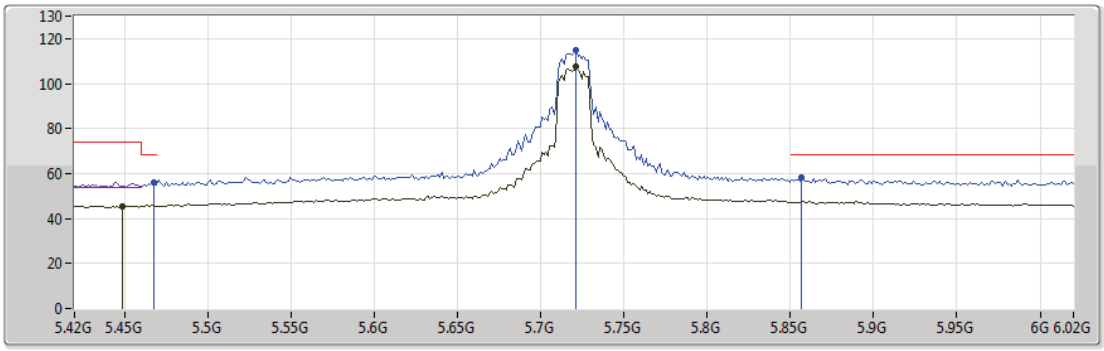


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.40168G	47.77	54.00	-6.23	19.88	3	Horizontal	33	2.48	-
PK	11.4021G	58.78	74.00	-15.22	19.88	3	Horizontal	33	2.48	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

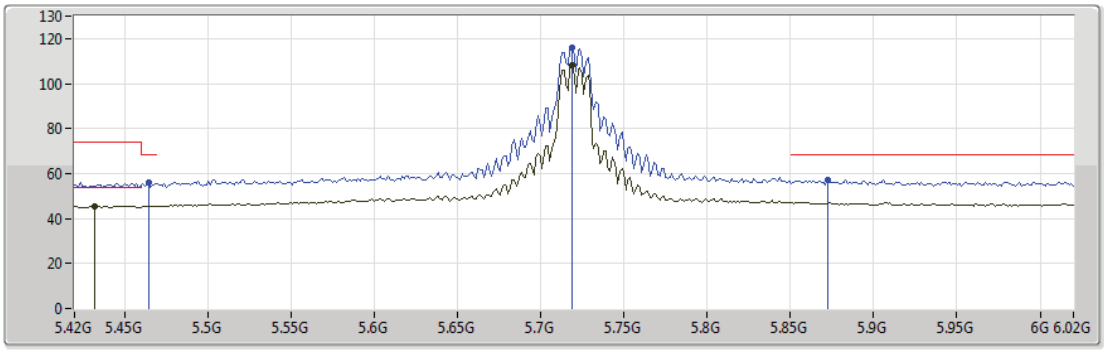


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4488G	45.54	54.00	-8.46	9.24	3	Vertical	94	2.22	-
AV	5.7212G	107.46	Inf	-Inf	9.47	3	Vertical	94	2.22	-
PK	5.468G	55.86	68.20	-12.34	9.33	3	Vertical	94	2.22	-
PK	5.7212G	115.09	Inf	-Inf	9.47	3	Vertical	94	2.22	-
PK	5.8568G	58.38	68.20	-9.82	9.81	3	Vertical	94	2.22	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

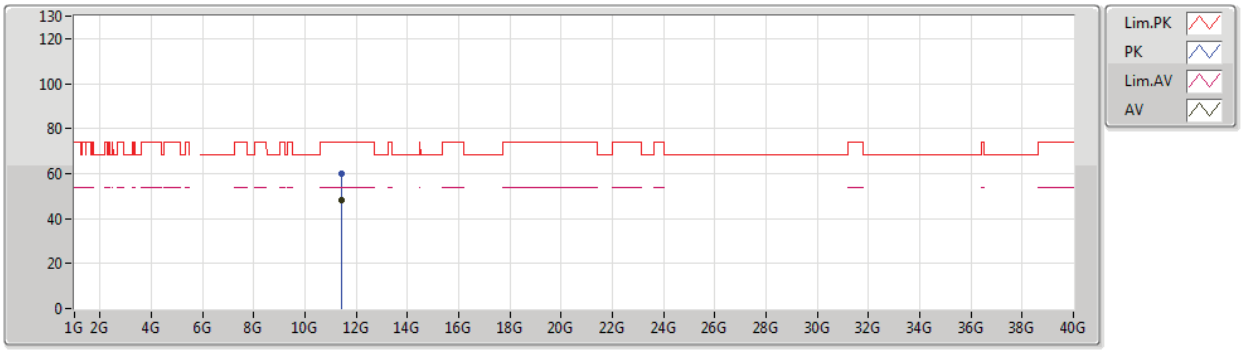


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.432G	45.47	54.00	-8.53	9.16	3	Horizontal	315	1.71	-
AV	5.7188G	107.99	Inf	-Inf	9.47	3	Horizontal	315	1.71	-
PK	5.4644G	55.82	68.20	-12.38	9.32	3	Horizontal	315	1.71	-
PK	5.7188G	115.76	Inf	-Inf	9.47	3	Horizontal	315	1.71	-
PK	5.8724G	57.30	68.20	-10.90	9.86	3	Horizontal	315	1.71	-

802.11ac VHT20_Nss1,(MCS0)_4TX

02/05/2019

5720MHz Straddle 5.47-5.725GHz_TX

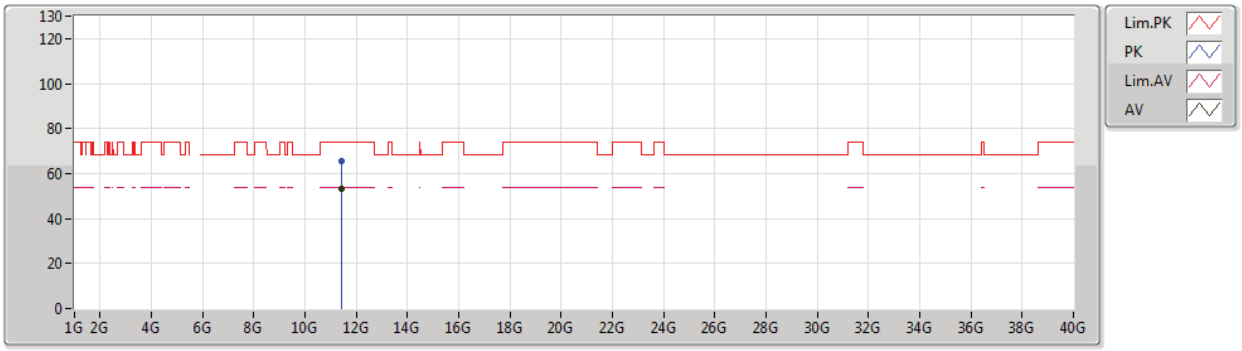


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4402G	48.25	54.00	-5.75	19.84	3	Vertical	69	1.89	-
PK	11.4352G	60.22	74.00	-13.78	19.85	3	Vertical	69	1.89	-

802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

02/05/2019

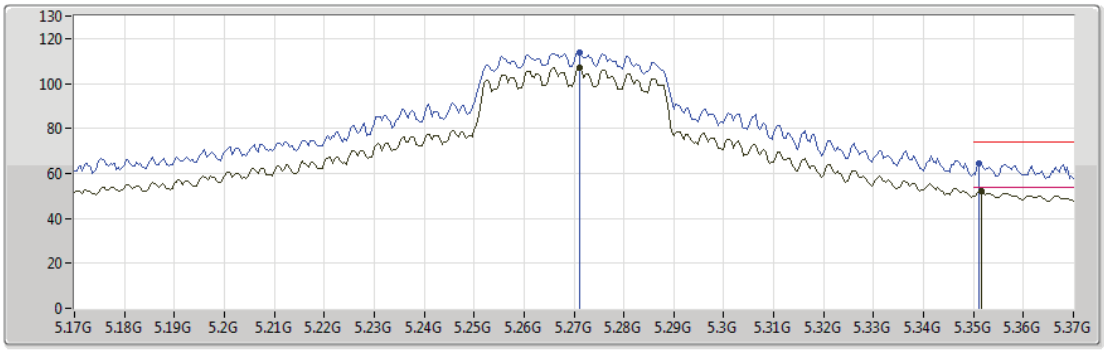


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4402G	53.23	54.00	-0.77	19.84	3	Horizontal	321	1.52	-
PK	11.4352G	65.39	74.00	-8.61	19.85	3	Horizontal	321	1.52	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5270MHz_TX

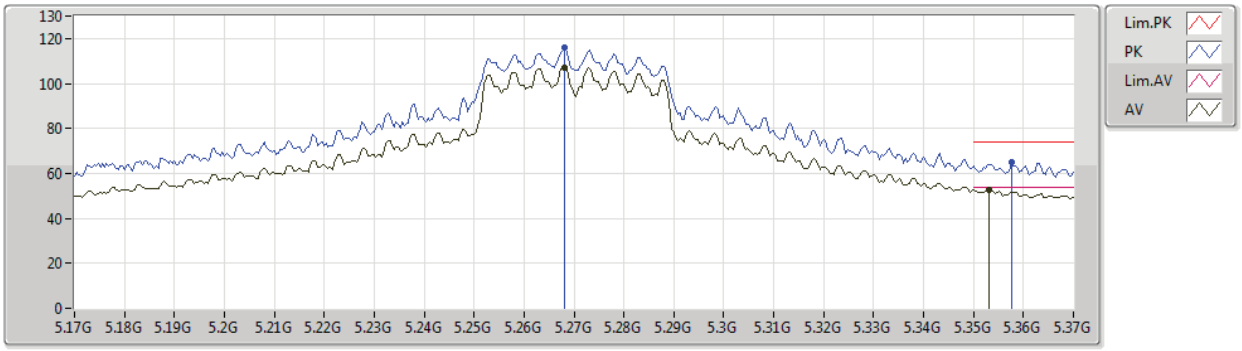


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2712G	106.97	Inf	-Inf	8.81	3	Vertical	91	2.18	-
AV	5.3516G	52.19	54.00	-1.81	8.88	3	Vertical	91	2.18	-
PK	5.2712G	113.74	Inf	-Inf	8.81	3	Vertical	91	2.18	-
PK	5.3512G	64.60	74.00	-9.40	8.88	3	Vertical	91	2.18	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5270MHz_TX

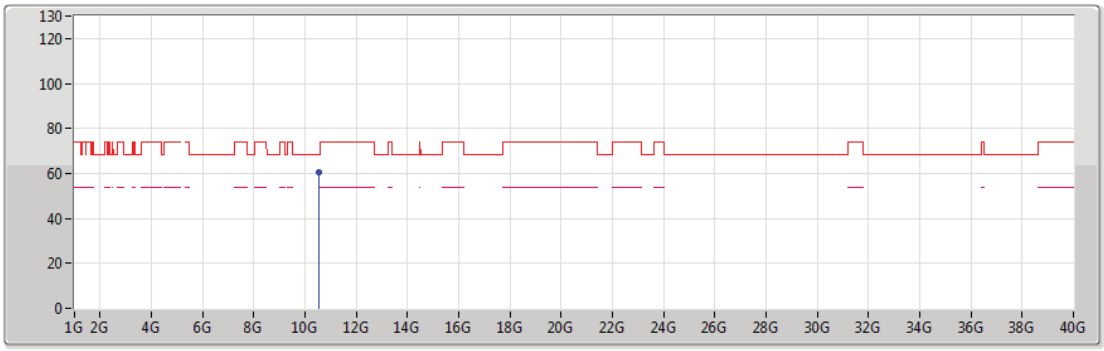


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.268G	107.28	Inf	-Inf	8.81	3	Horizontal	133	1.72	-
AV	5.3532G	52.93	54.00	-1.07	8.89	3	Horizontal	133	1.72	-
PK	5.268G	115.76	Inf	-Inf	8.81	3	Horizontal	133	1.72	-
PK	5.3576G	64.92	74.00	-9.08	8.90	3	Horizontal	133	1.72	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5270MHz_TX

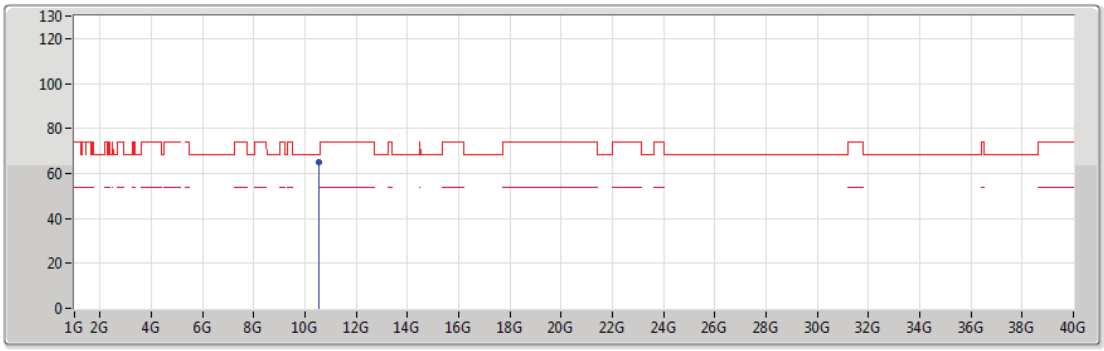


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.54016G	60.71	68.20	-7.49	19.43	3	Vertical	170	2.57	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5270MHz_TX

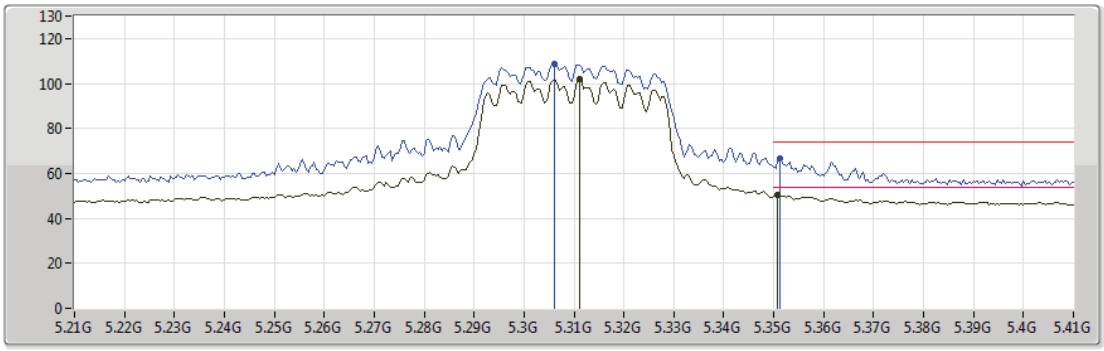


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.54084G	65.20	68.20	-3.00	19.43	3	Horizontal	324	1.50	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5310MHz_TX

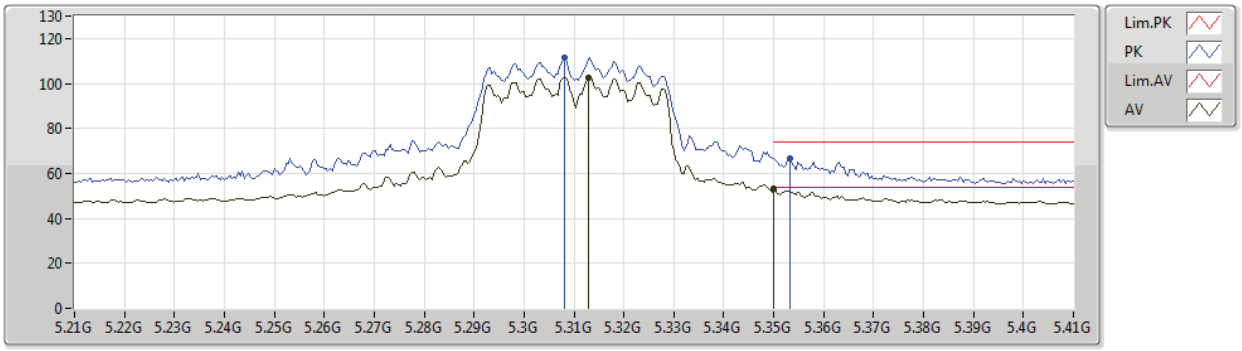


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3112G	101.89	Inf	-Inf	8.76	3	Vertical	98	2.29	-
AV	5.3508G	50.45	54.00	-3.55	8.88	3	Vertical	98	2.29	-
PK	5.306G	108.68	Inf	-Inf	8.74	3	Vertical	98	2.29	-
PK	5.3512G	66.61	74.00	-7.39	8.88	3	Vertical	98	2.29	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5310MHz_TX

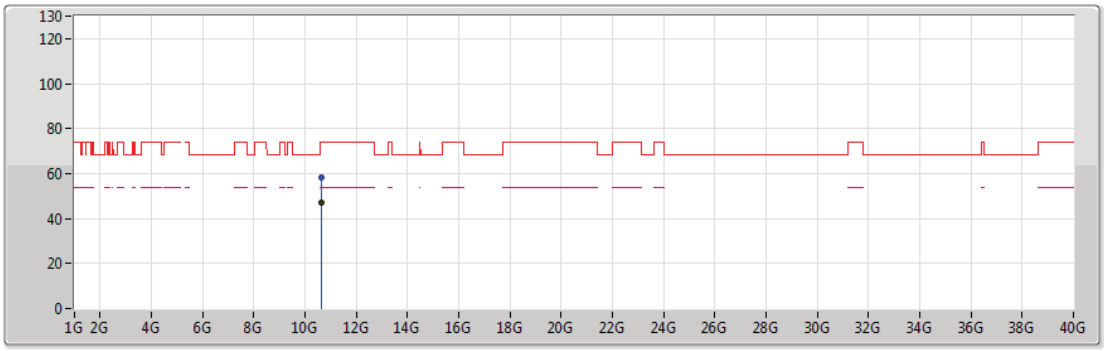


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3128G	102.68	Inf	-Inf	8.77	3	Horizontal	132	1.77	-
AV	5.35G	53.01	54.00	-0.99	8.88	3	Horizontal	132	1.77	-
PK	5.308G	111.44	Inf	-Inf	8.76	3	Horizontal	132	1.77	-
PK	5.3532G	66.90	74.00	-7.10	8.89	3	Horizontal	132	1.77	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5310MHz_TX

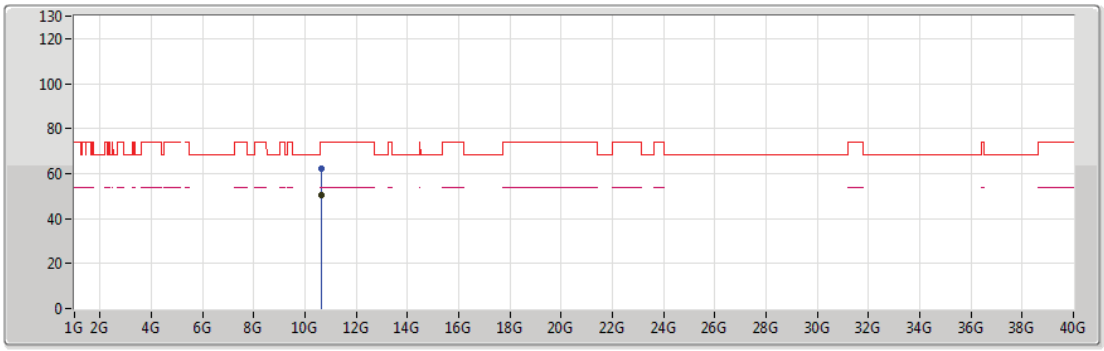


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.62056G	47.21	54.00	-6.79	19.57	3	Vertical	73	1.01	-
PK	10.62084G	58.28	74.00	-15.72	19.57	3	Vertical	73	1.01	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5310MHz_TX

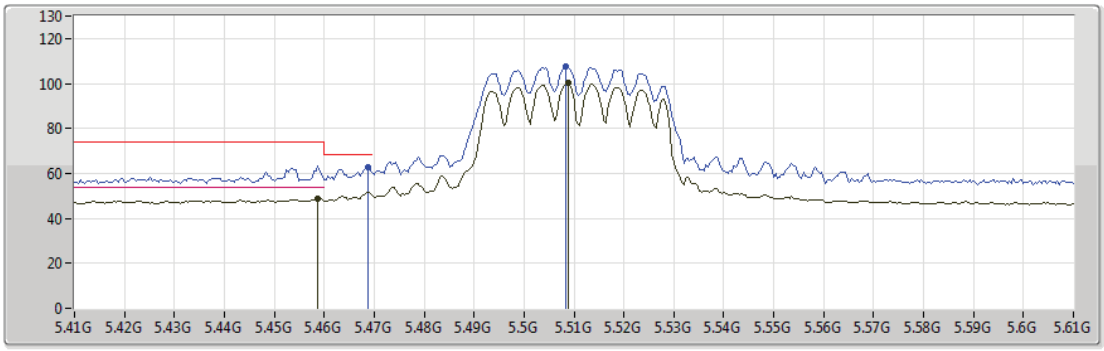


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	10.62056G	50.33	54.00	-3.67	19.57	3	Horizontal	323	1.48	-
PK	10.62096G	61.95	74.00	-12.05	19.57	3	Horizontal	323	1.48	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5510MHz_TX

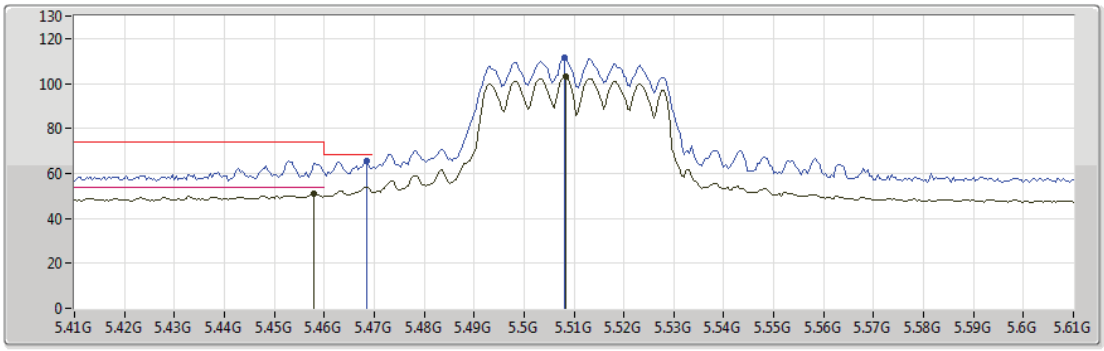


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4588G	48.74	54.00	-5.26	9.29	3	Vertical	298	1.92	-
AV	5.5088G	100.14	Inf	-Inf	9.46	3	Vertical	298	1.92	-
PK	5.4688G	62.97	68.20	-5.23	9.34	3	Vertical	298	1.92	-
PK	5.5084G	107.64	Inf	-Inf	9.46	3	Vertical	298	1.92	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5510MHz_TX

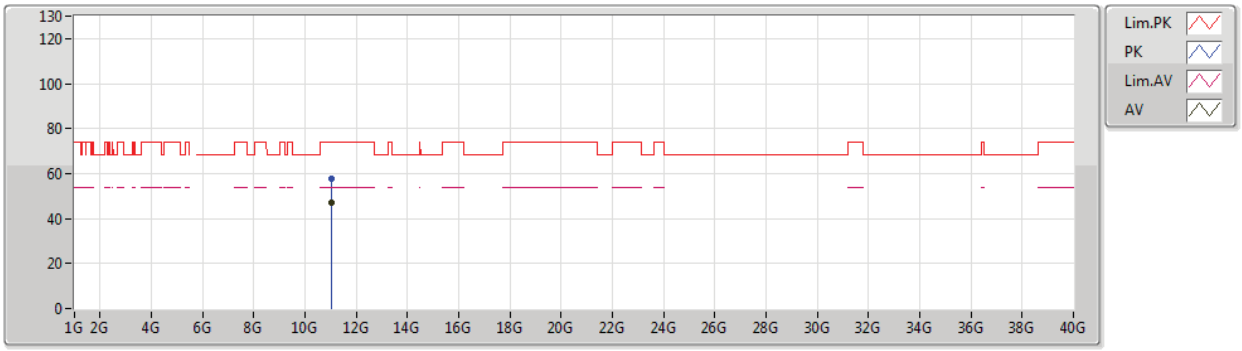


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	51.11	54.00	-2.89	9.28	3	Horizontal	304	1.83	-
AV	5.5084G	103.01	Inf	-Inf	9.46	3	Horizontal	304	1.83	-
PK	5.4684G	65.36	68.20	-2.84	9.33	3	Horizontal	304	1.83	-
PK	5.508G	111.52	Inf	-Inf	9.46	3	Horizontal	304	1.83	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5510MHz_TX

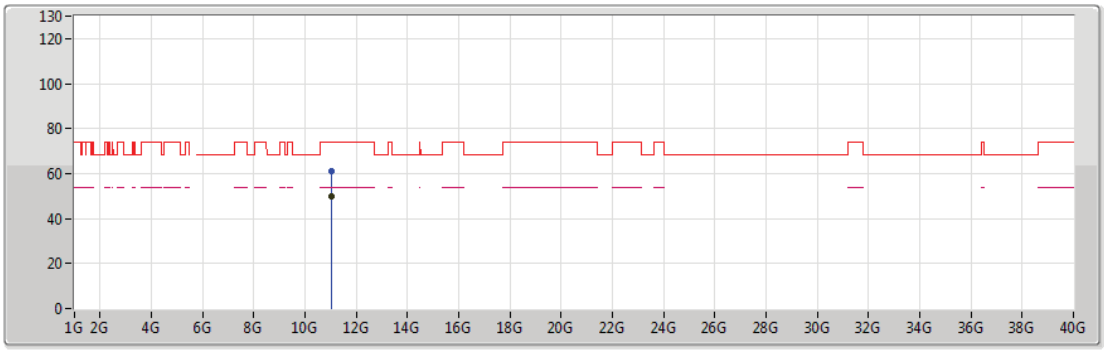


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.01676G	47.16	54.00	-6.84	20.17	3	Vertical	207	1.89	-
PK	11.01844G	57.56	74.00	-16.44	20.17	3	Vertical	207	1.89	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5510MHz_TX

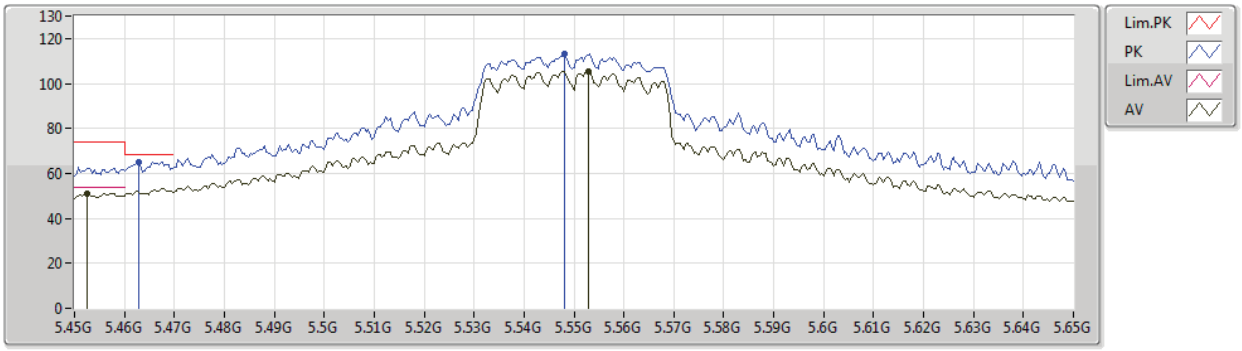


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.01658G	49.61	54.00	-4.39	20.18	3	Horizontal	326	1.51	-
PK	11.01676G	61.05	74.00	-12.95	20.17	3	Horizontal	326	1.51	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5550MHz_TX

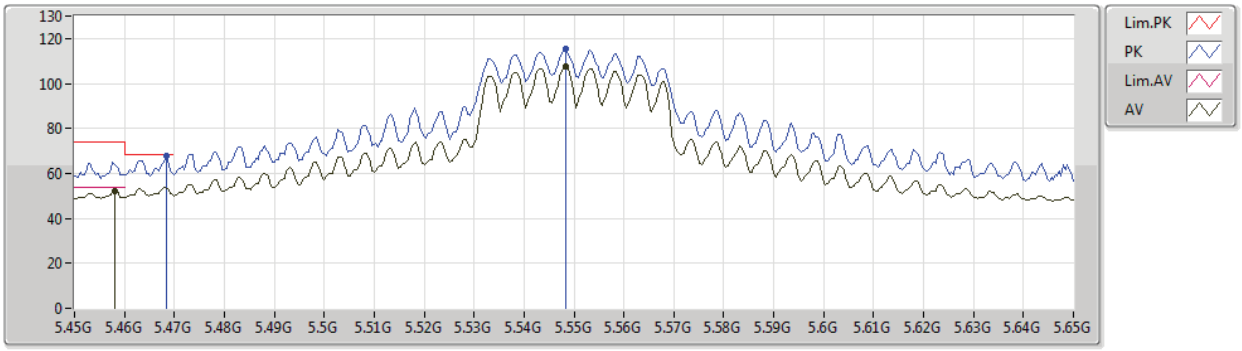


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4524G	51.16	54.00	-2.84	9.26	3	Vertical	103	2.00	-
AV	5.5528G	105.59	Inf	-Inf	9.38	3	Vertical	103	2.00	-
PK	5.4628G	65.17	68.20	-3.03	9.31	3	Vertical	103	2.00	-
PK	5.548G	113.18	Inf	-Inf	9.39	3	Vertical	103	2.00	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5550MHz_TX

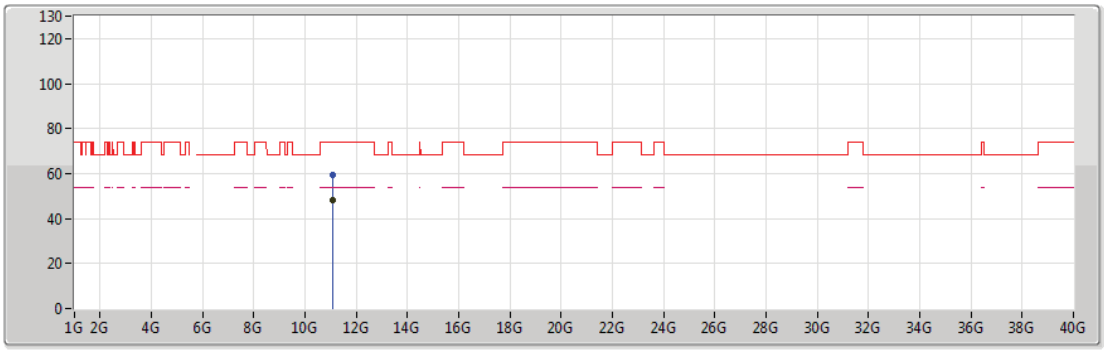


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	52.31	54.00	-1.69	9.28	3	Horizontal	320	1.78	-
AV	5.5484G	107.45	Inf	-Inf	9.39	3	Horizontal	320	1.78	-
PK	5.4684G	67.74	68.20	-0.46	9.33	3	Horizontal	320	1.78	-
PK	5.5484G	115.67	Inf	-Inf	9.39	3	Horizontal	320	1.78	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5550MHz_TX

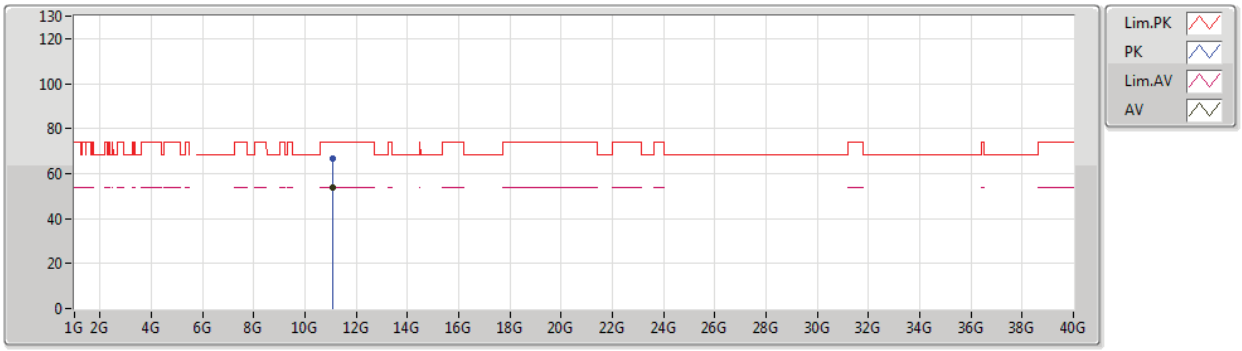


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.10488G	48.17	54.00	-5.83	20.10	3	Vertical	36	1.21	-
PK	11.10544G	59.23	74.00	-14.77	20.10	3	Vertical	36	1.21	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5550MHz_TX

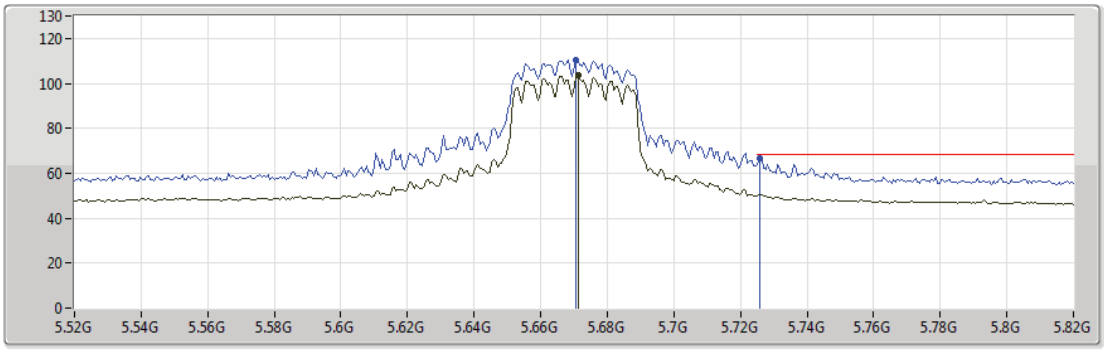


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.09996G	53.82	54.00	-0.18	20.11	3	Horizontal	71	1.65	-
PK	11.10032G	66.62	74.00	-7.38	20.11	3	Horizontal	71	1.65	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5670MHz_TX

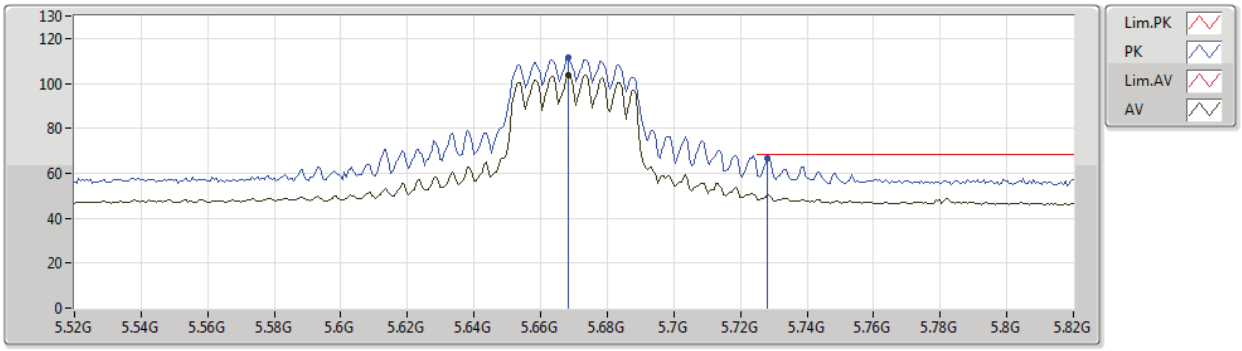


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6712G	103.71	Inf	-Inf	9.40	3	Vertical	100	2.47	-
PK	5.6706G	110.34	Inf	-Inf	9.40	3	Vertical	100	2.47	-
PK	5.7258G	66.61	68.20	-1.59	9.48	3	Vertical	100	2.47	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5670MHz_TX

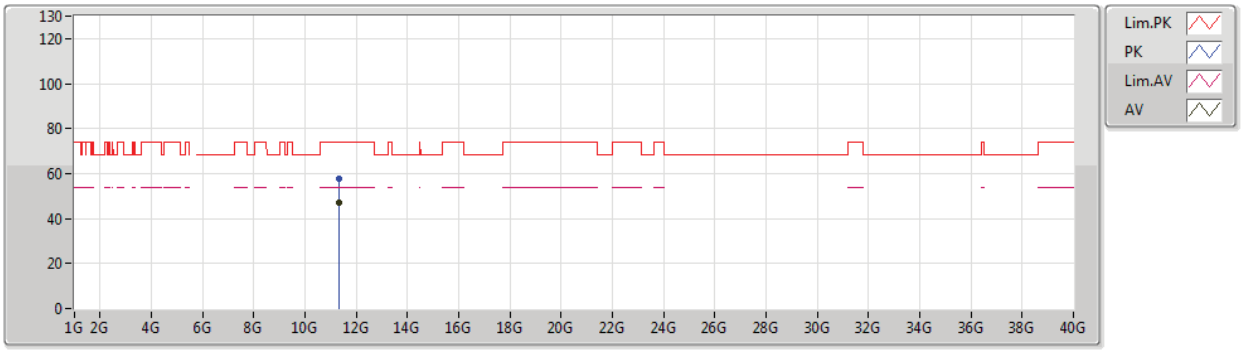


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6682G	103.94	Inf	-Inf	9.39	3	Horizontal	322	1.63	-
PK	5.6682G	111.62	Inf	-Inf	9.39	3	Horizontal	322	1.63	-
PK	5.7282G	66.86	68.20	-1.34	9.49	3	Horizontal	322	1.63	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5670MHz_TX

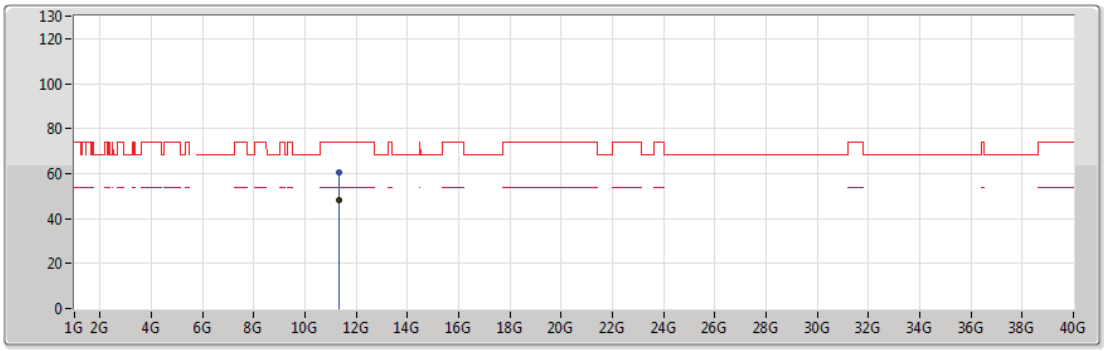


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.337G	47.13	54.00	-6.87	19.92	3	Vertical	53	1.90	-
PK	11.3313G	57.58	74.00	-16.42	19.93	3	Vertical	53	1.90	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5670MHz_TX

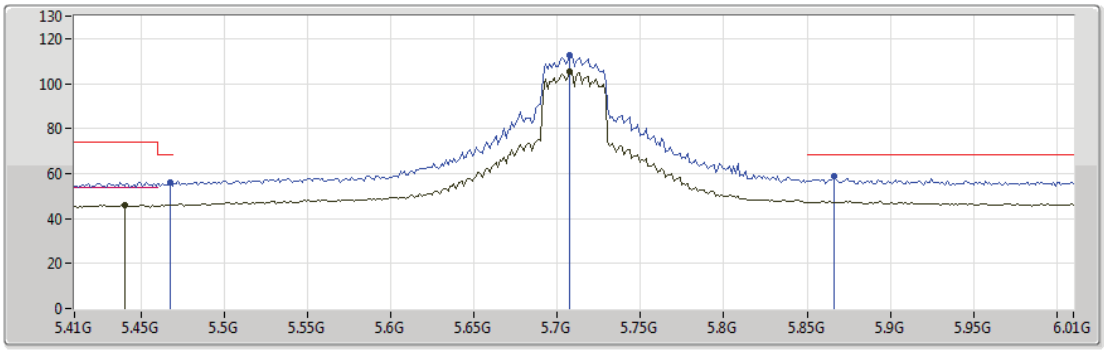


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.3367G	48.44	54.00	-5.56	19.92	3	Horizontal	326	1.50	-
PK	11.33646G	60.47	74.00	-13.53	19.93	3	Horizontal	326	1.50	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

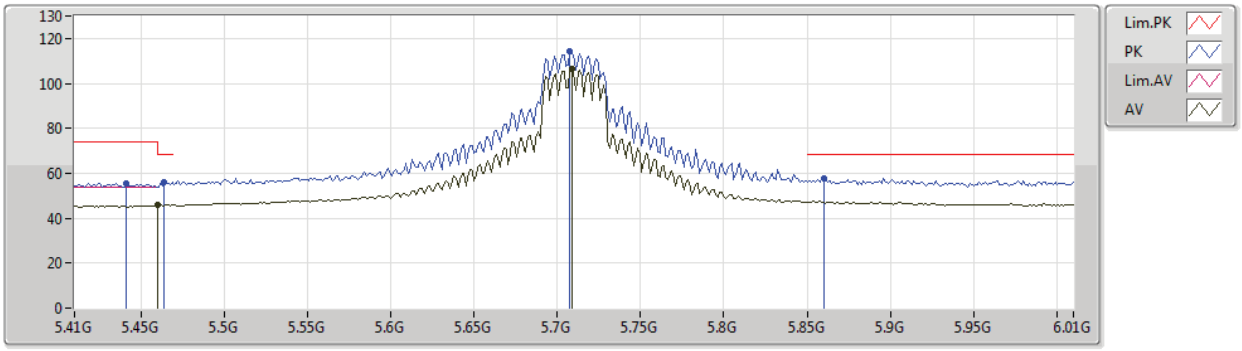


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.44G	46.02	54.00	-7.98	9.20	3	Vertical	102	1.91	-
AV	5.7076G	105.32	Inf	-Inf	9.45	3	Vertical	102	1.91	-
PK	5.4676G	55.89	68.20	-12.31	9.33	3	Vertical	102	1.91	-
PK	5.7076G	112.81	Inf	-Inf	9.45	3	Vertical	102	1.91	-
PK	5.866G	58.65	68.20	-9.55	9.84	3	Vertical	102	1.91	-

802.11ac VHT40_Nss1,(MCS0)_4TX

02/05/2019

5710MHz Straddle 5.47-5.725GHz_TX

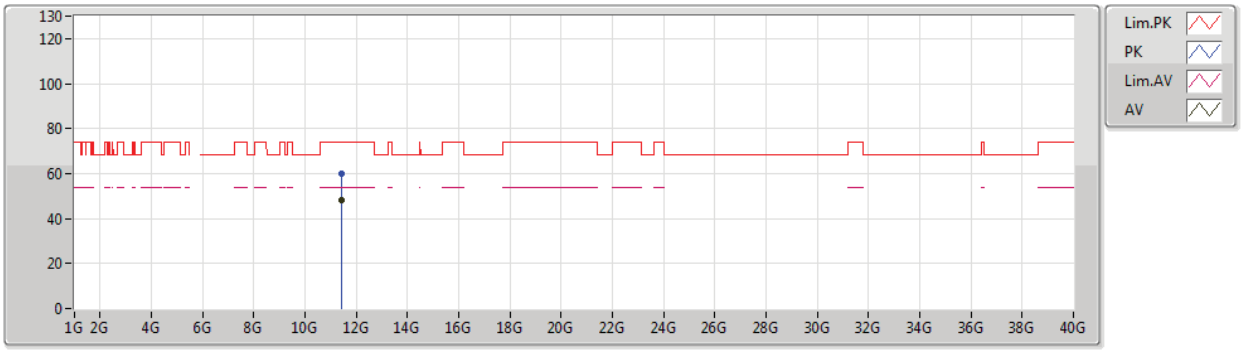


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.46G	45.70	54.00	-8.30	9.29	3	Horizontal	319	1.76	-
AV	5.7088G	106.63	Inf	-Inf	9.45	3	Horizontal	319	1.76	-
PK	5.4412G	55.42	74.00	-18.58	9.20	3	Horizontal	319	1.76	-
PK	5.464G	56.29	68.20	-11.91	9.32	3	Horizontal	319	1.76	-
PK	5.7076G	114.07	Inf	-Inf	9.45	3	Horizontal	319	1.76	-
PK	5.86G	57.81	68.20	-10.39	9.82	3	Horizontal	319	1.76	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

02/05/2019

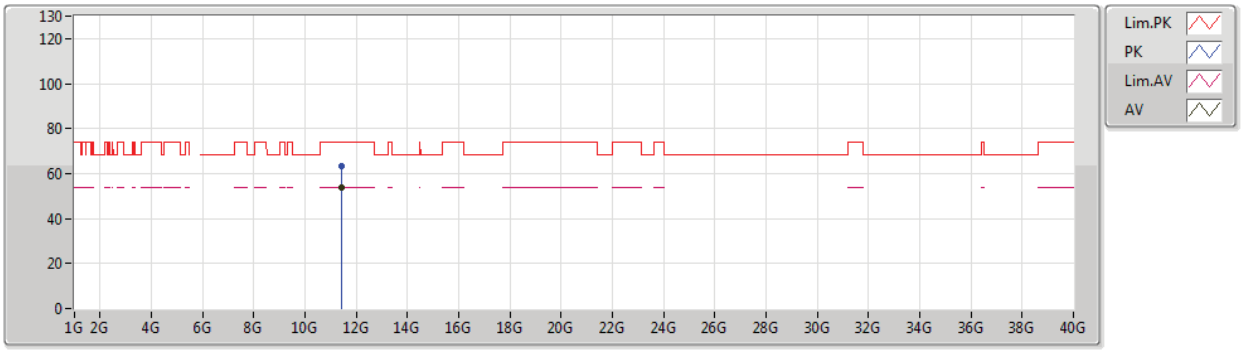


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.41958G	48.38	54.00	-5.62	19.86	3	Vertical	95	1.12	-
PK	11.41934G	59.92	74.00	-14.08	19.86	3	Vertical	95	1.12	-

802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

02/05/2019

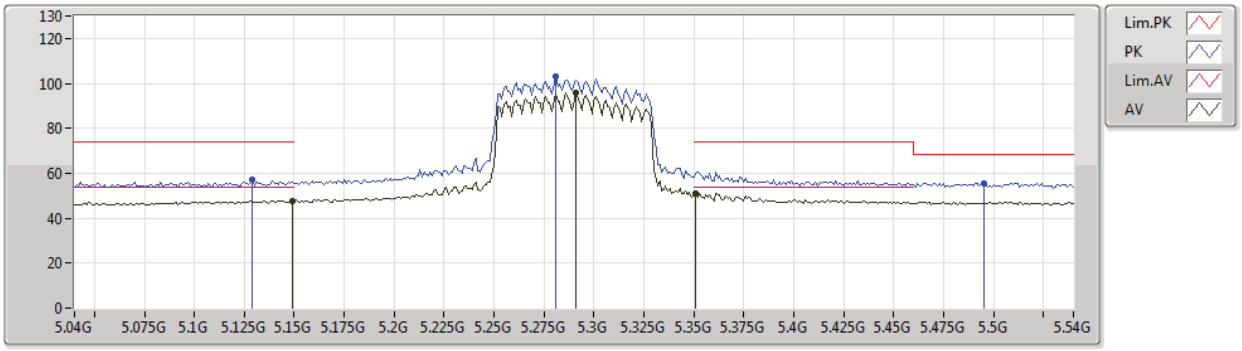


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.4197G	53.59	54.00	-0.41	19.86	3	Horizontal	43	2.31	-
PK	11.42504G	63.07	74.00	-10.93	19.86	3	Horizontal	43	2.31	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

02/05/2019

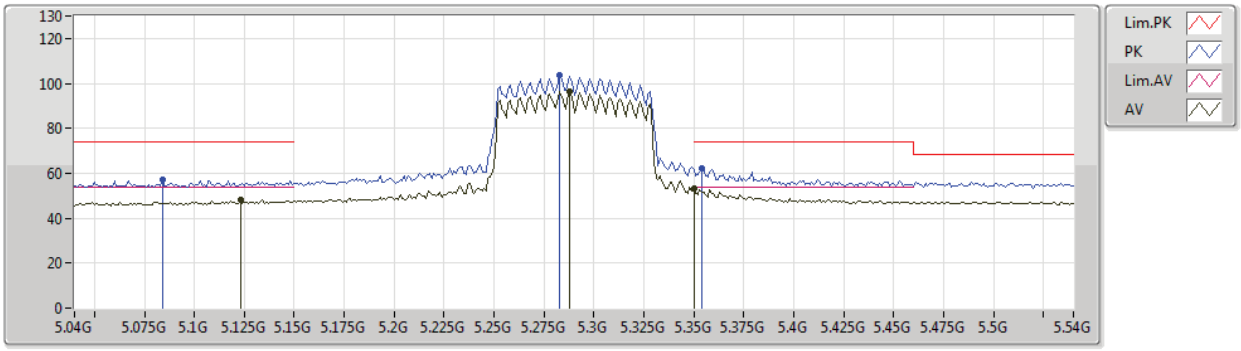


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149G	47.70	54.00	-6.30	9.01	3	Vertical	89	2.43	-
AV	5.291G	95.67	Inf	-Inf	8.76	3	Vertical	89	2.43	-
AV	5.351G	51.20	54.00	-2.80	8.88	3	Vertical	89	2.43	-
PK	5.129G	57.15	74.00	-16.85	9.03	3	Vertical	89	2.43	-
PK	5.281G	103.23	Inf	-Inf	8.78	3	Vertical	89	2.43	-
PK	5.495G	55.68	68.20	-12.52	9.45	3	Vertical	89	2.43	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5290MHz_TX

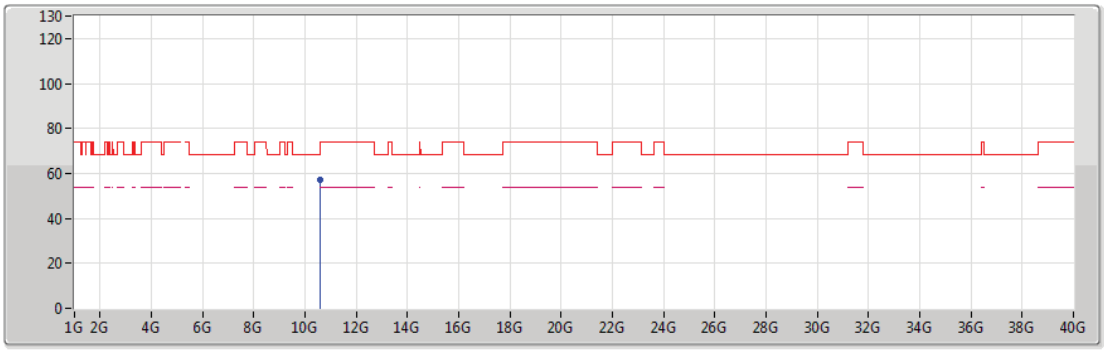


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.123G	48.13	54.00	-5.87	9.02	3	Horizontal	130	1.62	-
AV	5.288G	96.61	Inf	-Inf	8.76	3	Horizontal	130	1.62	-
AV	5.35G	53.39	54.00	-0.61	8.88	3	Horizontal	130	1.62	-
PK	5.084G	57.25	74.00	-16.75	8.99	3	Horizontal	130	1.62	-
PK	5.283G	103.42	Inf	-Inf	8.77	3	Horizontal	130	1.62	-
PK	5.354G	61.99	74.00	-12.01	8.89	3	Horizontal	130	1.62	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5290MHz_TX

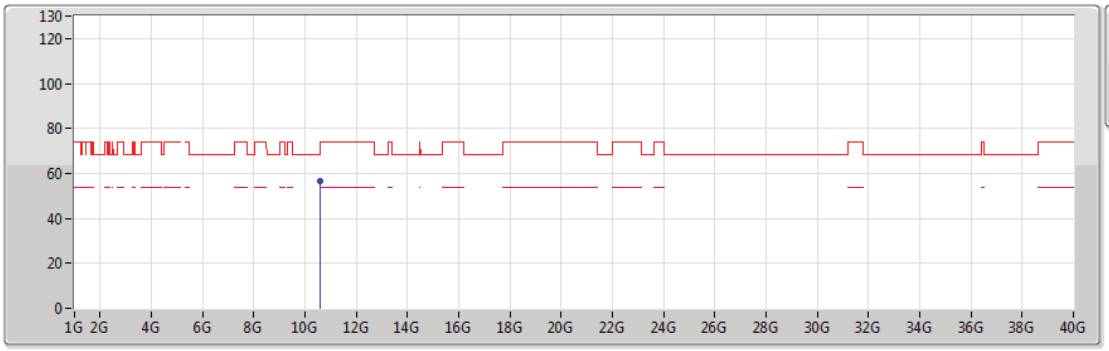


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.56692G	56.95	68.20	-11.25	19.48	3	Vertical	67	1.50	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5290MHz_TX

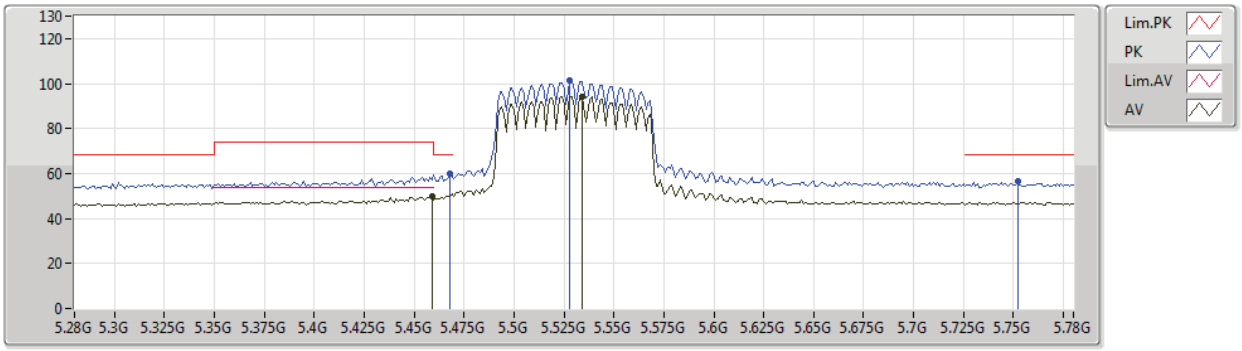


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.58294G	56.55	68.20	-11.65	19.51	3	Horizontal	329	1.50	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5530MHz_TX

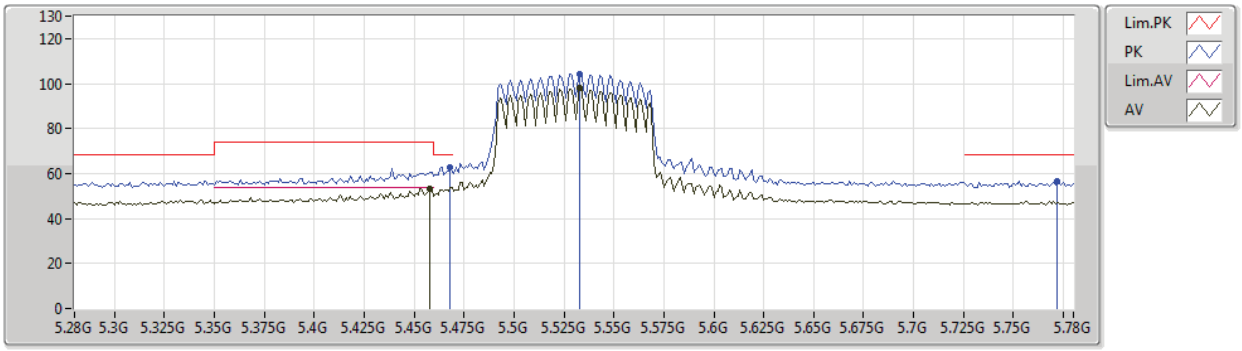


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459G	49.80	54.00	-4.20	9.29	3	Vertical	302	1.86	-
AV	5.534G	94.32	Inf	-Inf	9.41	3	Vertical	302	1.86	-
PK	5.468G	59.97	68.20	-8.23	9.33	3	Vertical	302	1.86	-
PK	5.528G	101.16	Inf	-Inf	9.42	3	Vertical	302	1.86	-
PK	5.752G	56.67	68.20	-11.53	9.53	3	Vertical	302	1.86	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5530MHz_TX

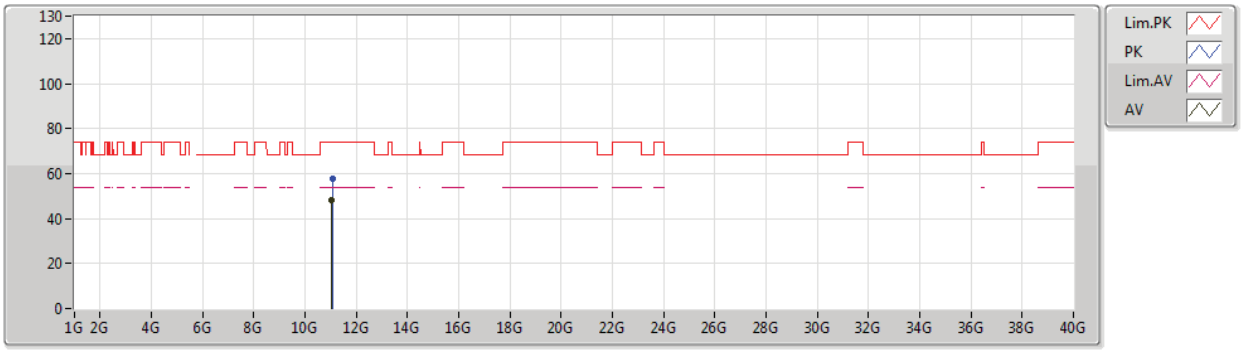


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	53.50	54.00	-0.50	9.28	3	Horizontal	314	1.80	-
AV	5.533G	97.83	Inf	-Inf	9.41	3	Horizontal	314	1.80	-
PK	5.468G	62.68	68.20	-5.52	9.33	3	Horizontal	314	1.80	-
PK	5.533G	104.48	Inf	-Inf	9.41	3	Horizontal	314	1.80	-
PK	5.772G	56.56	68.20	-11.64	9.57	3	Horizontal	314	1.80	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5530MHz_TX

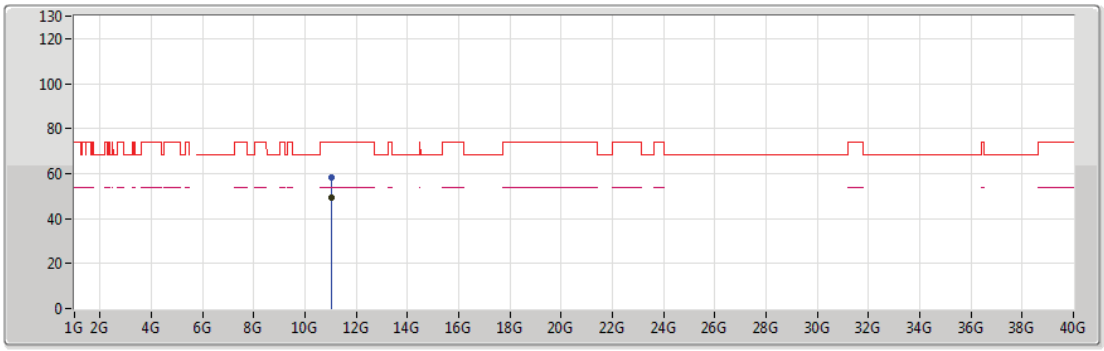


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.05184G	48.17	54.00	-5.83	20.15	3	Vertical	295	1.73	-
PK	11.0711G	57.86	74.00	-16.14	20.13	3	Vertical	295	1.73	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5530MHz_TX

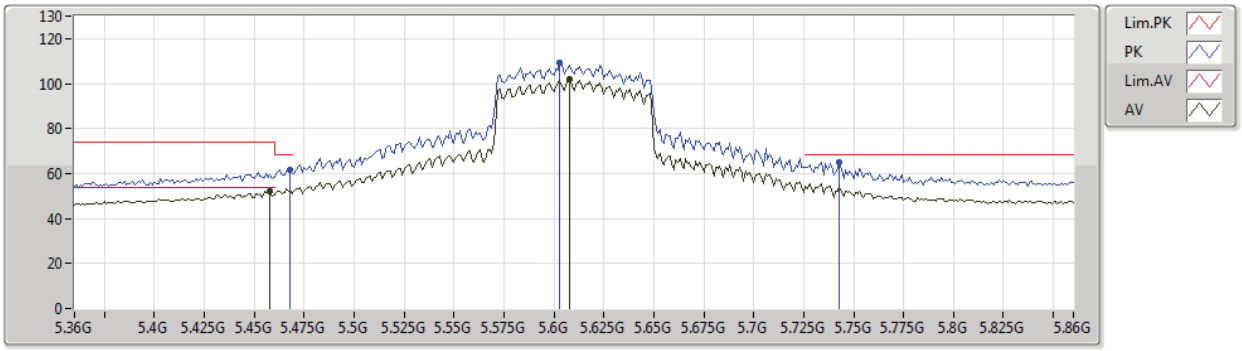


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.05688G	49.29	54.00	-4.71	20.14	3	Horizontal	323	1.46	-
PK	11.04818G	58.19	74.00	-15.81	20.16	3	Horizontal	323	1.46	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5610MHz_TX

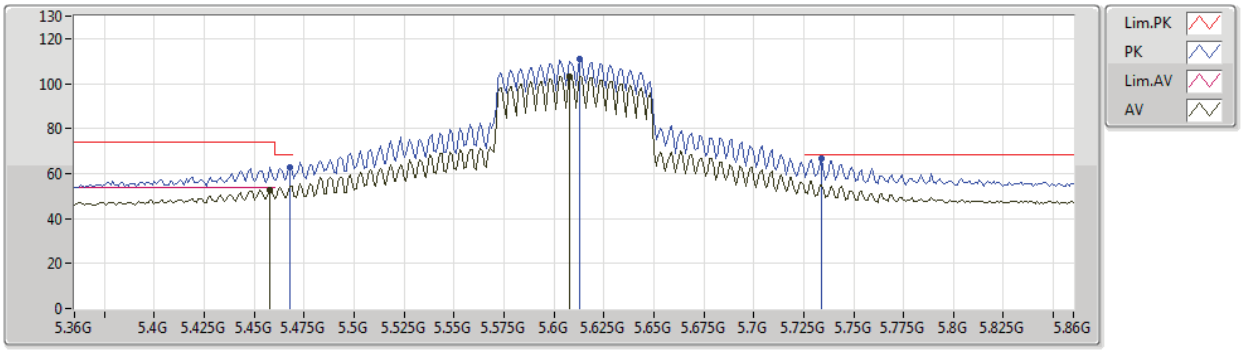


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	51.98	54.00	-2.02	9.28	3	Vertical	113	1.98	-
AV	5.608G	101.78	Inf	-Inf	9.32	3	Vertical	113	1.98	-
PK	5.468G	61.64	68.20	-6.56	9.33	3	Vertical	113	1.98	-
PK	5.603G	109.32	Inf	-Inf	9.31	3	Vertical	113	1.98	-
PK	5.743G	65.14	68.20	-3.06	9.52	3	Vertical	113	1.98	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

02/05/2019

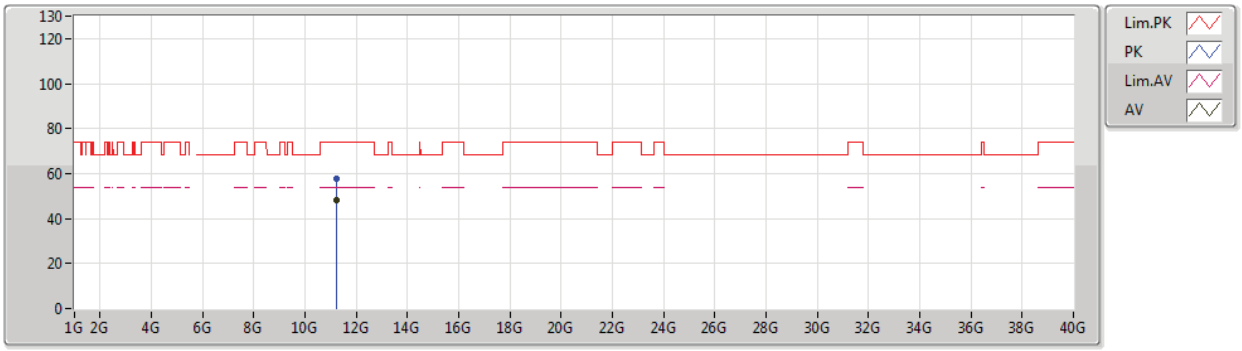


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	52.87	54.00	-1.13	9.28	3	Horizontal	315	1.69	-
AV	5.608G	103.04	Inf	-Inf	9.32	3	Horizontal	315	1.69	-
PK	5.468G	62.49	68.20	-5.71	9.33	3	Horizontal	315	1.69	-
PK	5.613G	110.82	Inf	-Inf	9.33	3	Horizontal	315	1.69	-
PK	5.734G	66.41	68.20	-1.79	9.50	3	Horizontal	315	1.69	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5610MHz_TX

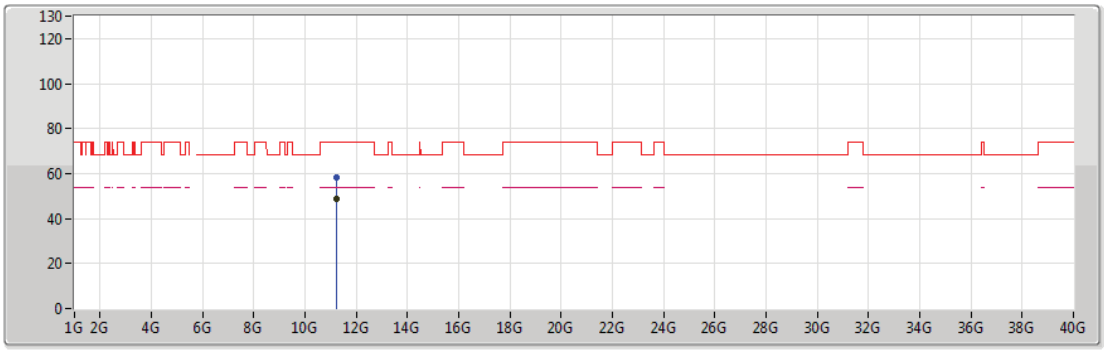


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.21202G	48.34	54.00	-5.66	20.03	3	Vertical	348	2.78	-
PK	11.20806G	57.69	74.00	-16.31	20.02	3	Vertical	348	2.78	-

802.11ac VHT80_Nss1,(MCS0)_4TX

02/05/2019

5610MHz_TX

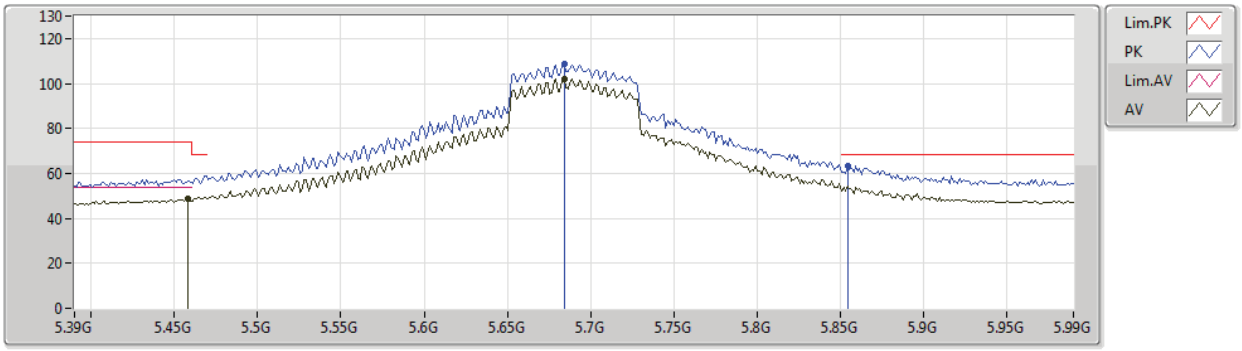


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.2131G	48.79	54.00	-5.21	20.03	3	Horizontal	325	1.50	-
PK	11.23014G	58.55	74.00	-15.45	20.01	3	Horizontal	325	1.50	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

03/05/2019

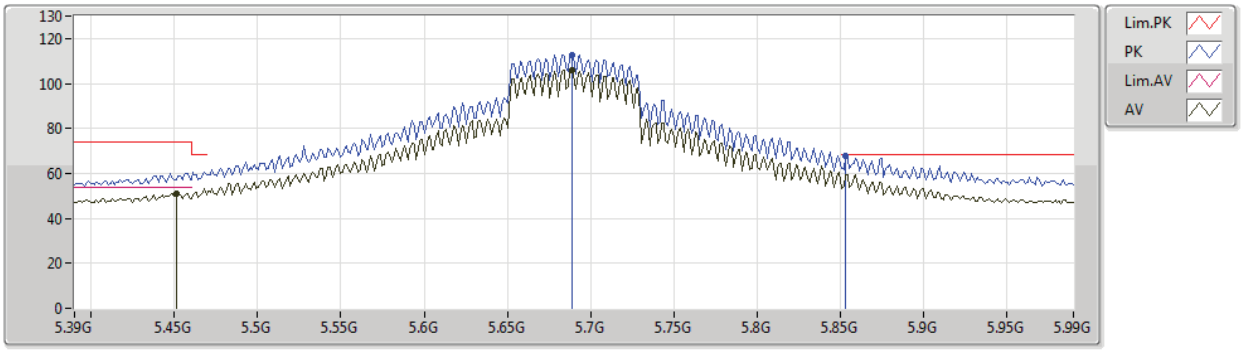


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4584G	48.73	54.00	-5.27	9.28	3	Vertical	324	1.62	-
AV	5.684G	102.13	Inf	-Inf	9.40	3	Vertical	324	1.62	-
PK	5.684G	108.58	Inf	-Inf	9.40	3	Vertical	324	1.62	-
PK	5.8544G	63.39	68.20	-4.81	9.80	3	Vertical	324	1.62	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

03/05/2019

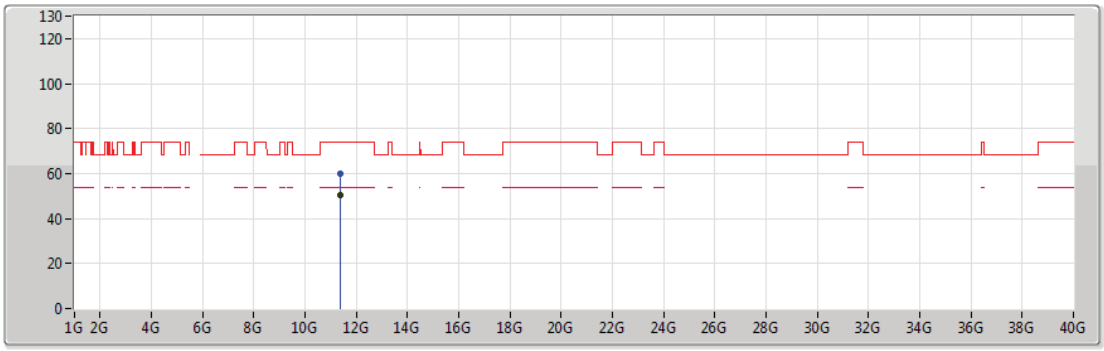


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4512G	51.15	54.00	-2.85	9.25	3	Horizontal	319	1.73	-
AV	5.6888G	106.09	Inf	-Inf	9.41	3	Horizontal	319	1.73	-
PK	5.6888G	112.75	Inf	-Inf	9.41	3	Horizontal	319	1.73	-
PK	5.8532G	67.58	68.20	-0.62	9.80	3	Horizontal	319	1.73	-

802.11ac VHT80_Nss1,(MCS0)_4TX

03/05/2019

5690MHz Straddle 5.47-5.725GHz_TX

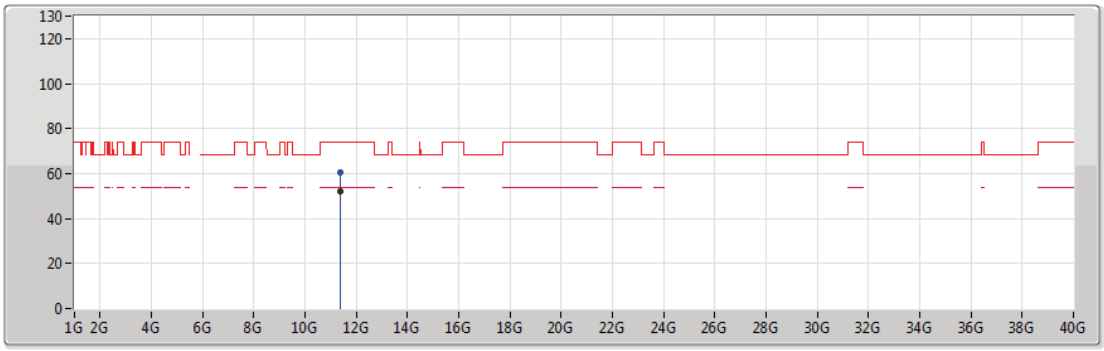


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.37952G	50.49	54.00	-3.51	19.90	3	Vertical	97	1.21	-
PK	11.37898G	59.78	74.00	-14.22	19.90	3	Vertical	97	1.21	-

802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz_TX

03/05/2019

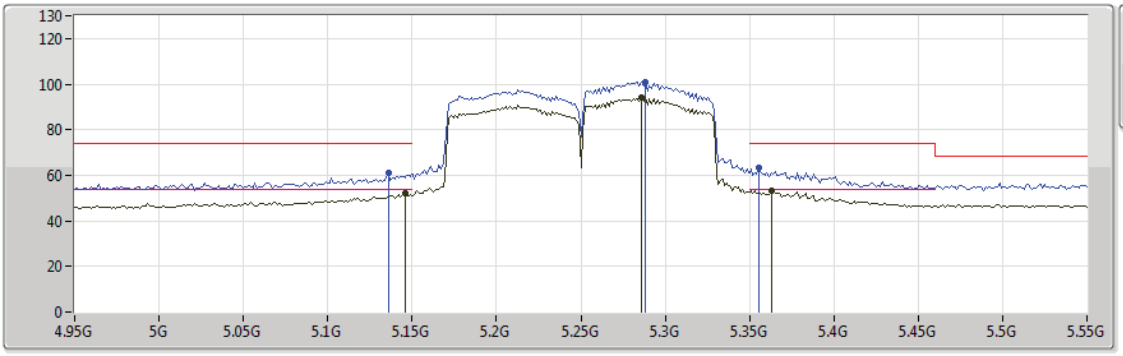


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.37958G	51.97	54.00	-2.03	19.90	3	Horizontal	33	1.50	-
PK	11.38G	60.40	74.00	-13.60	19.90	3	Horizontal	33	1.50	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

02/05/2019

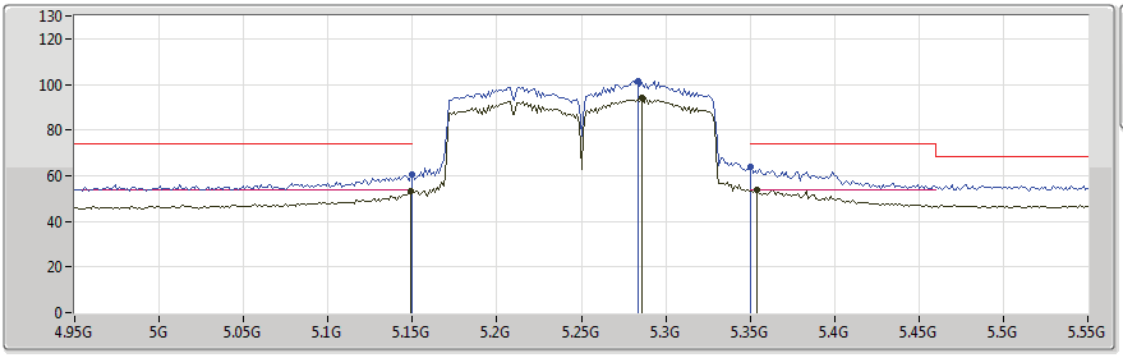


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1456G	51.85	54.00	-2.15	9.02	3	Vertical	85	2.43	-
AV	5.286G	94.35	Inf	-Inf	8.76	3	Vertical	85	2.43	-
AV	5.3628G	53.37	54.00	-0.63	8.91	3	Vertical	85	2.43	-
PK	5.136G	61.08	74.00	-12.92	9.03	3	Vertical	85	2.43	-
PK	5.2884G	101.01	Inf	-Inf	8.75	3	Vertical	85	2.43	-
PK	5.3556G	63.06	74.00	-10.94	8.89	3	Vertical	85	2.43	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

02/05/2019

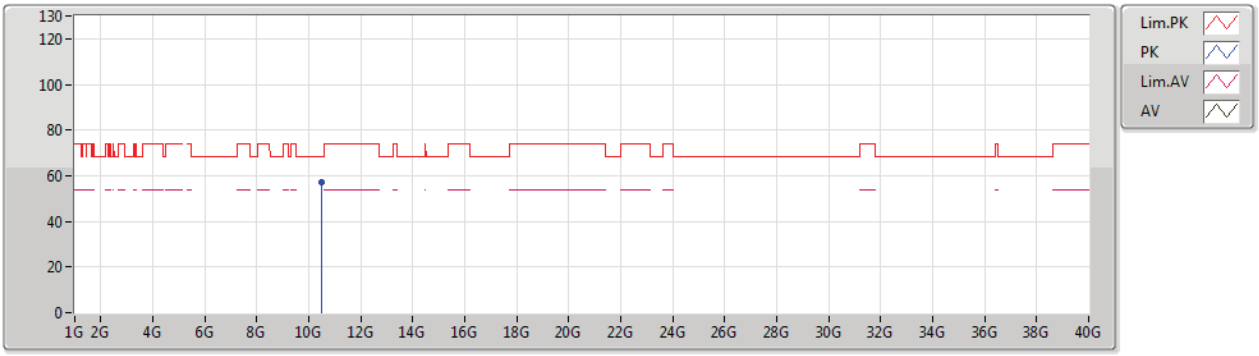


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	53.28	54.00	-0.72	9.01	3	Horizontal	142	1.66	-
AV	5.286G	93.98	Inf	-Inf	8.76	3	Horizontal	142	1.66	-
AV	5.3544G	53.83	54.00	-0.17	8.89	3	Horizontal	142	1.66	-
PK	5.15G	60.28	74.00	-13.72	9.01	3	Horizontal	142	1.66	-
PK	5.2836G	101.47	Inf	-Inf	8.77	3	Horizontal	142	1.66	-
PK	5.35G	63.78	74.00	-10.22	8.88	3	Horizontal	142	1.66	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

02/05/2019

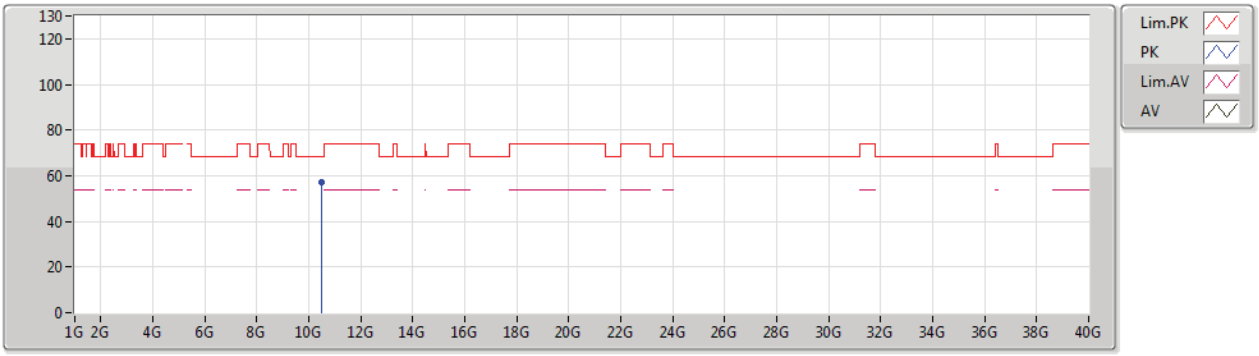


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.4973G	56.95	68.20	-11.25	19.37	3	Vertical	243	1.62	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5210MHz,#5290MHz_TX

02/05/2019

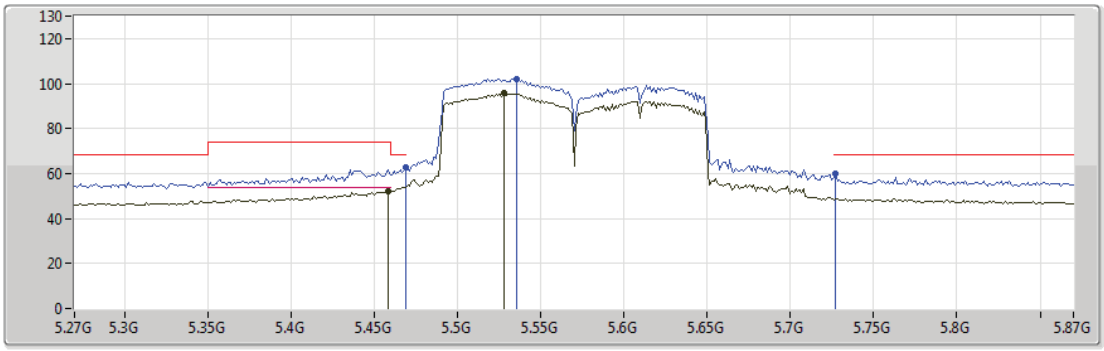


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51476G	57.16	68.20	-11.04	19.39	3	Horizontal	311	1.45	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

02/05/2019

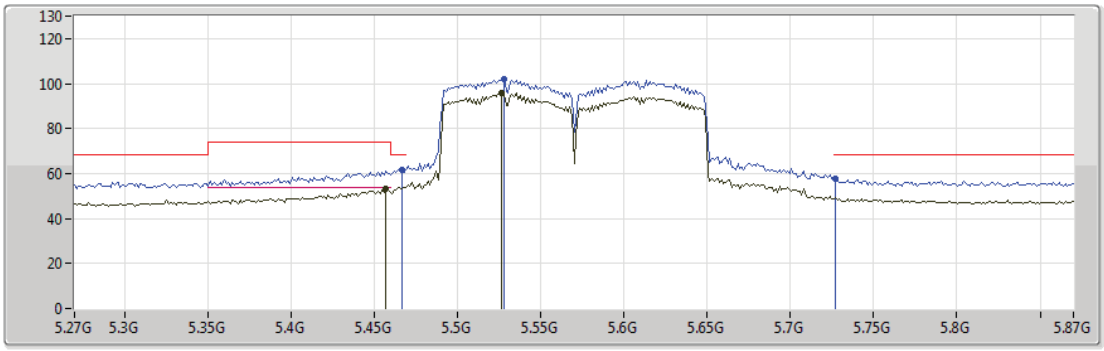


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4584G	51.98	54.00	-2.02	9.28	3	Vertical	97	1.93	-
AV	5.528G	95.61	Inf	-Inf	9.42	3	Vertical	97	1.93	-
PK	5.4692G	62.79	68.20	-5.41	9.34	3	Vertical	97	1.93	-
PK	5.5352G	102.10	Inf	-Inf	9.41	3	Vertical	97	1.93	-
PK	5.7272G	59.92	68.20	-8.28	9.48	3	Vertical	97	1.93	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

02/05/2019

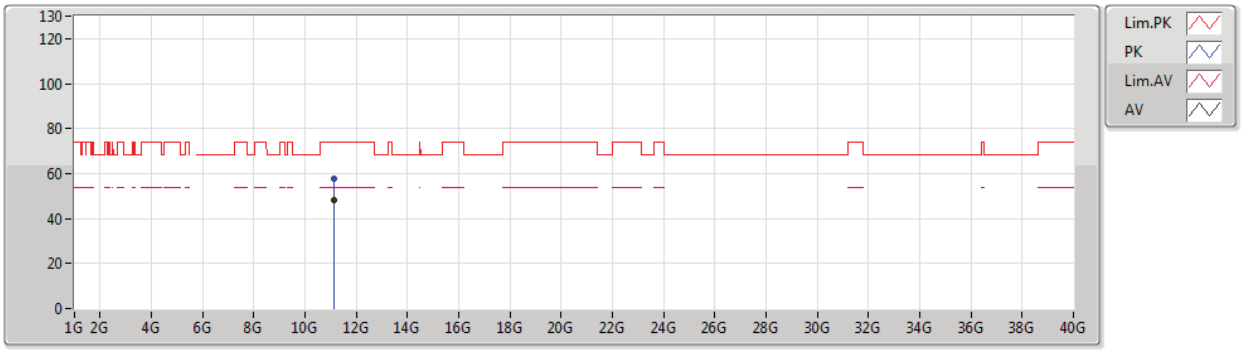


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4572G	53.26	54.00	-0.74	9.28	3	Horizontal	138	1.69	-
AV	5.5268G	95.61	Inf	-Inf	9.43	3	Horizontal	138	1.69	-
PK	5.4668G	61.57	68.20	-6.63	9.33	3	Horizontal	138	1.69	-
PK	5.528G	101.98	Inf	-Inf	9.42	3	Horizontal	138	1.69	-
PK	5.7272G	57.59	68.20	-10.61	9.48	3	Horizontal	138	1.69	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

02/05/2019

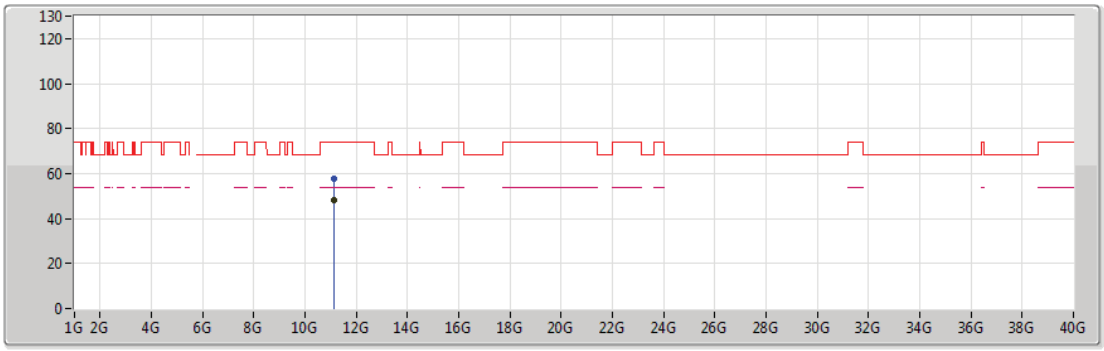


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.14792G	48.45	54.00	-5.55	20.08	3	Vertical	317	1.50	-
PK	11.12884G	57.81	74.00	-16.19	20.10	3	Vertical	317	1.50	-

802.11ac VHT80+80_Nss1,(MCS0)_4TX

#5530MHz,#5610MHz_TX

02/05/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	11.14822G	48.34	54.00	-5.66	20.08	3	Horizontal	228	1.67	-
PK	11.15392G	57.51	74.00	-16.49	20.07	3	Horizontal	228	1.67	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.90	54.00	-0.10	8.88	3	Vertical	103	1.90	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.35G	53.69	54.00	-0.31	8.88	3	Vertical	103	1.93	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.3512G	53.68	54.00	-0.32	8.88	3	Vertical	118	1.01	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	Pass	AV	5.1456G	53.90	54.00	-0.10	9.02	3	Vertical	105	1.90	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.4698G	68.03	68.20	-0.17	9.34	3	Vertical	103	1.90	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	Pass	AV	11.41992G	53.88	54.00	-0.12	19.86	3	Horizontal	30	1.46	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	Pass	PK	5.4692G	66.36	68.20	-1.84	9.34	3	Vertical	105	1.87	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.46G	53.61	54.00	-0.39	9.29	3	Vertical	111	1.99	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	Pass	PK	5.4692G	66.36	68.20	-1.84	9.34	3	Vertical	105	1.87	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1484G	46.36	54.00	-7.64	9.01	3	Vertical	101	1.95	-
5260MHz	Pass	AV	5.2612G	107.17	Inf	-Inf	8.83	3	Vertical	101	1.95	-
5260MHz	Pass	AV	5.35G	47.38	54.00	-6.62	8.88	3	Vertical	101	1.95	-
5260MHz	Pass	PK	5.1436G	57.78	74.00	-16.22	9.01	3	Vertical	101	1.95	-
5260MHz	Pass	PK	5.2588G	115.48	Inf	-Inf	8.83	3	Vertical	101	1.95	-
5260MHz	Pass	PK	5.3512G	60.91	74.00	-13.09	8.88	3	Vertical	101	1.95	-
5260MHz	Pass	AV	5.15G	45.43	54.00	-8.57	9.01	3	Horizontal	90	1.88	-
5260MHz	Pass	AV	5.2588G	104.98	Inf	-Inf	8.83	3	Horizontal	90	1.88	-
5260MHz	Pass	AV	5.3512G	46.89	54.00	-7.11	8.88	3	Horizontal	90	1.88	-
5260MHz	Pass	PK	5.1262G	56.01	74.00	-17.99	9.04	3	Horizontal	90	1.88	-
5260MHz	Pass	PK	5.2588G	113.28	Inf	-Inf	8.83	3	Horizontal	90	1.88	-
5260MHz	Pass	PK	5.3542G	59.53	74.00	-14.47	8.89	3	Horizontal	90	1.88	-
5260MHz	Pass	PK	10.52024G	65.08	68.20	-3.12	19.40	3	Vertical	74	1.07	-
5260MHz	Pass	PK	10.52036G	68.00	68.20	-0.20	19.40	3	Horizontal	158	1.50	-
5300MHz	Pass	AV	5.2984G	104.85	Inf	-Inf	8.73	3	Vertical	329	1.24	-
5300MHz	Pass	AV	5.35G	49.16	54.00	-4.84	8.88	3	Vertical	329	1.24	-
5300MHz	Pass	PK	5.3004G	112.42	Inf	-Inf	8.73	3	Vertical	329	1.24	-
5300MHz	Pass	PK	5.3508G	63.74	74.00	-10.26	8.88	3	Vertical	329	1.24	-
5300MHz	Pass	AV	5.3012G	105.16	Inf	-Inf	8.73	3	Horizontal	99	1.71	-
5300MHz	Pass	AV	5.35G	50.24	54.00	-3.76	8.88	3	Horizontal	99	1.71	-
5300MHz	Pass	PK	5.3004G	112.91	Inf	-Inf	8.73	3	Horizontal	99	1.71	-
5300MHz	Pass	PK	5.3544G	64.71	74.00	-9.29	8.89	3	Horizontal	99	1.71	-
5300MHz	Pass	AV	10.60006G	49.82	54.00	-4.18	19.53	3	Vertical	304	1.17	-
5300MHz	Pass	PK	10.59514G	63.57	68.20	-4.63	19.52	3	Vertical	304	1.17	-
5300MHz	Pass	AV	10.6G	53.71	54.00	-0.29	19.53	3	Horizontal	77	1.12	-
5300MHz	Pass	PK	10.59508G	66.02	68.20	-2.18	19.52	3	Horizontal	77	1.12	-
5320MHz	Pass	AV	5.3212G	102.44	Inf	-Inf	8.78	3	Vertical	103	1.90	-
5320MHz	Pass	AV	5.35G	53.90	54.00	-0.10	8.88	3	Vertical	103	1.90	-
5320MHz	Pass	PK	5.3202G	109.90	Inf	-Inf	8.78	3	Vertical	103	1.90	-
5320MHz	Pass	PK	5.3526G	72.14	74.00	-1.86	8.89	3	Vertical	103	1.90	-
5320MHz	Pass	AV	5.3186G	102.82	Inf	-Inf	8.78	3	Horizontal	94	1.95	-
5320MHz	Pass	AV	5.35G	52.86	54.00	-1.14	8.88	3	Horizontal	94	1.95	-
5320MHz	Pass	PK	5.323G	110.64	Inf	-Inf	8.80	3	Horizontal	94	1.95	-
5320MHz	Pass	PK	5.352G	72.13	74.00	-1.87	8.88	3	Horizontal	94	1.95	-
5320MHz	Pass	AV	10.64G	49.09	54.00	-4.91	19.59	3	Vertical	139	2.04	-
5320MHz	Pass	PK	10.6412G	60.62	74.00	-13.38	19.59	3	Vertical	139	2.04	-
5320MHz	Pass	AV	10.64G	52.09	54.00	-1.91	19.59	3	Horizontal	222	2.31	-
5320MHz	Pass	PK	10.64168G	65.06	74.00	-8.94	19.59	3	Horizontal	222	2.31	-
5500MHz	Pass	AV	5.46G	48.08	54.00	-5.92	9.29	3	Vertical	103	1.90	-
5500MHz	Pass	AV	5.5014G	102.05	Inf	-Inf	9.47	3	Vertical	103	1.90	-
5500MHz	Pass	PK	5.4698G	68.03	68.20	-0.17	9.34	3	Vertical	103	1.90	-
5500MHz	Pass	PK	5.5006G	110.12	Inf	-Inf	9.47	3	Vertical	103	1.90	-
5500MHz	Pass	AV	5.4594G	47.06	54.00	-6.94	9.29	3	Horizontal	131	1.77	-
5500MHz	Pass	AV	5.4986G	99.51	Inf	-Inf	9.46	3	Horizontal	131	1.77	-
5500MHz	Pass	PK	5.464G	66.21	68.20	-1.99	9.32	3	Horizontal	131	1.77	-
5500MHz	Pass	PK	5.5004G	107.57	Inf	-Inf	9.47	3	Horizontal	131	1.77	-
5500MHz	Pass	AV	10.99862G	46.64	54.00	-7.36	20.19	3	Vertical	128	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	10.99922G	59.34	74.00	-14.66	20.19	3	Vertical	128	1.49	-
5500MHz	Pass	AV	10.99862G	49.91	54.00	-4.09	20.19	3	Horizontal	111	1.34	-
5500MHz	Pass	PK	11.00498G	63.46	74.00	-10.54	20.18	3	Horizontal	111	1.34	-
5580MHz	Pass	AV	5.4492G	47.60	54.00	-6.40	9.24	3	Vertical	92	1.97	-
5580MHz	Pass	AV	5.5788G	104.05	Inf	-Inf	9.35	3	Vertical	92	1.97	-
5580MHz	Pass	PK	5.4684G	58.40	68.20	-9.80	9.33	3	Vertical	92	1.97	-
5580MHz	Pass	PK	5.5806G	112.10	Inf	-Inf	9.35	3	Vertical	92	1.97	-
5580MHz	Pass	PK	5.7258G	56.00	68.20	-12.20	9.48	3	Vertical	92	1.97	-
5580MHz	Pass	AV	5.46G	46.36	54.00	-7.64	9.29	3	Horizontal	135	1.63	-
5580MHz	Pass	AV	5.5788G	101.40	Inf	-Inf	9.35	3	Horizontal	135	1.63	-
5580MHz	Pass	PK	5.4612G	57.36	68.20	-10.84	9.29	3	Horizontal	135	1.63	-
5580MHz	Pass	PK	5.5794G	108.94	Inf	-Inf	9.35	3	Horizontal	135	1.63	-
5580MHz	Pass	PK	5.73G	55.72	68.20	-12.48	9.49	3	Horizontal	135	1.63	-
5580MHz	Pass	AV	11.15898G	47.36	54.00	-6.64	20.07	3	Vertical	141	1.57	-
5580MHz	Pass	PK	11.15514G	61.98	74.00	-12.02	20.07	3	Vertical	141	1.57	-
5580MHz	Pass	AV	11.16162G	53.40	54.00	-0.60	20.07	3	Horizontal	65	1.66	-
5580MHz	Pass	PK	11.1552G	69.64	74.00	-4.36	20.07	3	Horizontal	65	1.66	-
5700MHz	Pass	AV	5.6988G	98.74	Inf	-Inf	9.43	3	Vertical	99	1.93	-
5700MHz	Pass	PK	5.7028G	106.77	Inf	-Inf	9.44	3	Vertical	99	1.93	-
5700MHz	Pass	PK	5.7264G	63.71	68.20	-4.49	9.48	3	Vertical	99	1.93	-
5700MHz	Pass	AV	5.6988G	98.02	Inf	-Inf	9.43	3	Horizontal	143	1.69	-
5700MHz	Pass	PK	5.7028G	106.15	Inf	-Inf	9.44	3	Horizontal	143	1.69	-
5700MHz	Pass	PK	5.7272G	63.44	68.20	-4.76	9.48	3	Horizontal	143	1.69	-
5700MHz	Pass	AV	11.39574G	45.49	54.00	-8.51	19.89	3	Vertical	69	1.53	-
5700MHz	Pass	PK	11.40912G	57.45	74.00	-16.55	19.88	3	Vertical	69	1.53	-
5700MHz	Pass	AV	11.40042G	48.21	54.00	-5.79	19.88	3	Horizontal	139	1.48	-
5700MHz	Pass	PK	11.39982G	60.65	74.00	-13.35	19.88	3	Horizontal	139	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4488G	44.94	54.00	-9.06	9.24	3	Vertical	107	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	106.20	Inf	-Inf	9.47	3	Vertical	107	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.45	68.20	-11.75	9.33	3	Vertical	107	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	114.87	Inf	-Inf	9.47	3	Vertical	107	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8928G	57.65	68.20	-10.55	9.93	3	Vertical	107	1.90	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4368G	44.46	54.00	-9.54	9.18	3	Horizontal	129	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	105.49	Inf	-Inf	9.47	3	Horizontal	129	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	55.61	68.20	-12.59	9.33	3	Horizontal	129	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	114.22	Inf	-Inf	9.47	3	Horizontal	129	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.888G	57.47	68.20	-10.73	9.91	3	Horizontal	129	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43874G	49.10	54.00	-4.90	19.84	3	Vertical	40	1.41	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43076G	63.12	74.00	-10.88	19.85	3	Vertical	40	1.41	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43976G	53.61	54.00	-0.39	19.84	3	Horizontal	24	1.34	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44042G	66.97	74.00	-7.03	19.84	3	Horizontal	24	1.34	-
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.1482G	48.26	54.00	-5.74	9.01	3	Vertical	117	1.02	-
5270MHz	Pass	AV	5.2688G	103.95	Inf	-Inf	8.80	3	Vertical	117	1.02	-
5270MHz	Pass	AV	5.35G	53.30	54.00	-0.70	8.88	3	Vertical	117	1.02	-
5270MHz	Pass	PK	5.1476G	61.26	74.00	-12.74	9.01	3	Vertical	117	1.02	-
5270MHz	Pass	PK	5.2682G	111.73	Inf	-Inf	8.81	3	Vertical	117	1.02	-
5270MHz	Pass	PK	5.3504G	67.10	74.00	-6.90	8.88	3	Vertical	117	1.02	-
5270MHz	Pass	AV	5.15G	46.70	54.00	-7.30	9.01	3	Horizontal	134	1.30	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.2682G	101.67	Inf	-Inf	8.81	3	Horizontal	134	1.30	-
5270MHz	Pass	AV	5.35G	51.56	54.00	-2.44	8.88	3	Horizontal	134	1.30	-
5270MHz	Pass	PK	5.1488G	58.91	74.00	-15.09	9.01	3	Horizontal	134	1.30	-
5270MHz	Pass	PK	5.2682G	109.39	Inf	-Inf	8.81	3	Horizontal	134	1.30	-
5270MHz	Pass	PK	5.351G	65.44	74.00	-8.56	8.88	3	Horizontal	134	1.30	-
5270MHz	Pass	PK	10.5421G	61.87	68.20	-6.33	19.43	3	Vertical	96	1.23	-
5270MHz	Pass	PK	10.5408G	64.61	68.20	-3.59	19.43	3	Horizontal	162	1.61	-
5310MHz	Pass	AV	5.3112G	99.27	Inf	-Inf	8.76	3	Vertical	103	1.93	-
5310MHz	Pass	AV	5.35G	53.69	54.00	-0.31	8.88	3	Vertical	103	1.93	-
5310MHz	Pass	PK	5.3044G	107.20	Inf	-Inf	8.74	3	Vertical	103	1.93	-
5310MHz	Pass	PK	5.3524G	71.73	74.00	-2.27	8.88	3	Vertical	103	1.93	-
5310MHz	Pass	AV	5.3112G	98.09	Inf	-Inf	8.76	3	Horizontal	123	1.73	-
5310MHz	Pass	AV	5.35G	51.62	54.00	-2.38	8.88	3	Horizontal	123	1.73	-
5310MHz	Pass	PK	5.3044G	106.30	Inf	-Inf	8.74	3	Horizontal	123	1.73	-
5310MHz	Pass	PK	5.35G	68.98	74.00	-5.02	8.88	3	Horizontal	123	1.73	-
5310MHz	Pass	AV	10.61988G	46.17	54.00	-7.83	19.57	3	Vertical	58	1.74	-
5310MHz	Pass	PK	10.62054G	58.39	74.00	-15.61	19.57	3	Vertical	58	1.74	-
5310MHz	Pass	AV	10.6197G	49.72	54.00	-4.28	19.57	3	Horizontal	152	1.55	-
5310MHz	Pass	PK	10.6208G	62.51	74.00	-11.49	19.57	3	Horizontal	152	1.55	-
5510MHz	Pass	AV	5.46G	48.50	54.00	-5.50	9.29	3	Vertical	117	1.91	-
5510MHz	Pass	AV	5.5084G	99.33	Inf	-Inf	9.46	3	Vertical	117	1.91	-
5510MHz	Pass	PK	5.4684G	67.98	68.20	-0.22	9.33	3	Vertical	117	1.91	-
5510MHz	Pass	PK	5.504G	107.33	Inf	-Inf	9.46	3	Vertical	117	1.91	-
5510MHz	Pass	AV	5.4584G	47.25	54.00	-6.75	9.28	3	Horizontal	131	1.73	-
5510MHz	Pass	AV	5.5084G	96.83	Inf	-Inf	9.46	3	Horizontal	131	1.73	-
5510MHz	Pass	PK	5.4696G	65.33	68.20	-2.87	9.34	3	Horizontal	131	1.73	-
5510MHz	Pass	PK	5.5044G	105.09	Inf	-Inf	9.46	3	Horizontal	131	1.73	-
5510MHz	Pass	AV	11.0201G	45.35	54.00	-8.65	20.17	3	Vertical	28	1.92	-
5510MHz	Pass	PK	11.0199G	57.41	74.00	-16.59	20.17	3	Vertical	28	1.92	-
5510MHz	Pass	AV	11.0196G	48.08	54.00	-5.92	20.17	3	Horizontal	144	1.70	-
5510MHz	Pass	PK	11.0194G	60.18	74.00	-13.82	20.17	3	Horizontal	144	1.70	-
5550MHz	Pass	AV	5.4564G	50.99	54.00	-3.01	9.28	3	Vertical	118	1.90	-
5550MHz	Pass	AV	5.5482G	103.42	Inf	-Inf	9.39	3	Vertical	118	1.90	-
5550MHz	Pass	PK	5.4678G	66.86	68.20	-1.34	9.33	3	Vertical	118	1.90	-
5550MHz	Pass	PK	5.5482G	111.14	Inf	-Inf	9.39	3	Vertical	118	1.90	-
5550MHz	Pass	AV	5.46G	49.88	54.00	-4.12	9.29	3	Horizontal	136	1.77	-
5550MHz	Pass	AV	5.5482G	101.40	Inf	-Inf	9.39	3	Horizontal	136	1.77	-
5550MHz	Pass	PK	5.4684G	65.61	68.20	-2.59	9.33	3	Horizontal	136	1.77	-
5550MHz	Pass	PK	5.5482G	109.12	Inf	-Inf	9.39	3	Horizontal	136	1.77	-
5550MHz	Pass	AV	11.1057G	50.28	54.00	-3.72	20.10	3	Vertical	96	1.47	-
5550MHz	Pass	PK	11.0988G	64.39	74.00	-9.61	20.11	3	Vertical	96	1.47	-
5550MHz	Pass	AV	11.0998G	53.71	54.00	-0.29	20.11	3	Horizontal	72	1.69	-
5550MHz	Pass	PK	11.0999G	67.40	74.00	-6.60	20.11	3	Horizontal	72	1.69	-
5670MHz	Pass	AV	5.6712G	100.42	Inf	-Inf	9.40	3	Vertical	131	1.95	-
5670MHz	Pass	PK	5.6646G	108.53	Inf	-Inf	9.38	3	Vertical	131	1.95	-
5670MHz	Pass	PK	5.727G	67.75	68.20	-0.45	9.48	3	Vertical	131	1.95	-
5670MHz	Pass	AV	5.6688G	100.35	Inf	-Inf	9.39	3	Horizontal	142	1.74	-
5670MHz	Pass	PK	5.664G	108.18	Inf	-Inf	9.38	3	Horizontal	142	1.74	-
5670MHz	Pass	PK	5.7276G	67.46	68.20	-0.74	9.49	3	Horizontal	142	1.74	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	11.3457G	46.05	54.00	-7.95	19.92	3	Vertical	85	1.17	-
5670MHz	Pass	PK	11.3389G	58.96	74.00	-15.04	19.92	3	Vertical	85	1.17	-
5670MHz	Pass	AV	11.3395G	49.01	54.00	-4.99	19.92	3	Horizontal	145	1.60	-
5670MHz	Pass	PK	11.3479G	61.04	74.00	-12.96	19.92	3	Horizontal	145	1.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4508G	45.31	54.00	-8.69	9.25	3	Vertical	118	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	104.34	Inf	-Inf	9.45	3	Vertical	118	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.88	68.20	-11.32	9.33	3	Vertical	118	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7088G	112.78	Inf	-Inf	9.45	3	Vertical	118	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8576G	62.33	68.20	-5.87	9.82	3	Vertical	118	1.92	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4352G	44.85	54.00	-9.15	9.17	3	Horizontal	146	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	103.99	Inf	-Inf	9.45	3	Horizontal	146	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	56.14	68.20	-12.06	9.34	3	Horizontal	146	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7088G	112.53	Inf	-Inf	9.45	3	Horizontal	146	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	61.71	68.20	-6.49	9.80	3	Horizontal	146	1.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4199G	49.86	54.00	-4.14	19.86	3	Vertical	43	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4143G	62.54	74.00	-11.46	19.87	3	Vertical	43	1.49	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41992G	53.88	54.00	-0.12	19.86	3	Horizontal	30	1.46	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42076G	66.37	74.00	-7.63	19.86	3	Horizontal	30	1.46	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.1496G	47.02	54.00	-6.98	9.01	3	Vertical	118	1.01	-
5290MHz	Pass	AV	5.2888G	95.75	Inf	-Inf	8.75	3	Vertical	118	1.01	-
5290MHz	Pass	AV	5.3512G	53.68	54.00	-0.32	8.88	3	Vertical	118	1.01	-
5290MHz	Pass	PK	5.1472G	59.70	74.00	-14.30	9.02	3	Vertical	118	1.01	-
5290MHz	Pass	PK	5.2828G	104.65	Inf	-Inf	8.77	3	Vertical	118	1.01	-
5290MHz	Pass	PK	5.3764G	69.46	74.00	-4.54	8.95	3	Vertical	118	1.01	-
5290MHz	Pass	AV	5.1496G	46.04	54.00	-7.96	9.01	3	Horizontal	121	1.82	-
5290MHz	Pass	AV	5.2876G	93.97	Inf	-Inf	8.76	3	Horizontal	121	1.82	-
5290MHz	Pass	AV	5.3512G	52.41	54.00	-1.59	8.88	3	Horizontal	121	1.82	-
5290MHz	Pass	PK	5.1496G	57.62	74.00	-16.38	9.01	3	Horizontal	121	1.82	-
5290MHz	Pass	PK	5.2828G	103.02	Inf	-Inf	8.77	3	Horizontal	121	1.82	-
5290MHz	Pass	PK	5.3764G	67.68	74.00	-6.32	8.95	3	Horizontal	121	1.82	-
5290MHz	Pass	PK	10.58062G	56.97	68.20	-11.23	19.50	3	Vertical	96	1.18	-
5290MHz	Pass	PK	10.581G	59.98	68.20	-8.22	19.51	3	Horizontal	85	1.82	-
5530MHz	Pass	AV	5.458G	51.76	54.00	-2.24	9.28	3	Vertical	108	1.88	-
5530MHz	Pass	AV	5.528G	95.03	Inf	-Inf	9.42	3	Vertical	108	1.88	-
5530MHz	Pass	PK	5.469G	64.68	68.20	-3.52	9.34	3	Vertical	108	1.88	-
5530MHz	Pass	PK	5.523G	103.87	Inf	-Inf	9.43	3	Vertical	108	1.88	-
5530MHz	Pass	PK	5.758G	56.41	68.20	-11.79	9.55	3	Vertical	108	1.88	-
5530MHz	Pass	AV	5.457G	50.42	54.00	-3.58	9.28	3	Horizontal	123	1.88	-
5530MHz	Pass	AV	5.528G	93.00	Inf	-Inf	9.42	3	Horizontal	123	1.88	-
5530MHz	Pass	PK	5.465G	62.41	68.20	-5.79	9.32	3	Horizontal	123	1.88	-
5530MHz	Pass	PK	5.523G	101.91	Inf	-Inf	9.43	3	Horizontal	123	1.88	-
5530MHz	Pass	PK	5.78G	56.70	68.20	-11.50	9.59	3	Horizontal	123	1.88	-
5530MHz	Pass	AV	11.0594G	45.38	54.00	-8.62	20.15	3	Vertical	32	1.96	-
5530MHz	Pass	PK	11.0616G	58.63	74.00	-15.37	20.15	3	Vertical	32	1.96	-
5530MHz	Pass	AV	11.0588G	47.80	54.00	-6.20	20.15	3	Horizontal	85	1.74	-
5530MHz	Pass	PK	11.0602G	59.33	74.00	-14.67	20.15	3	Horizontal	85	1.74	-
5610MHz	Pass	AV	5.46G	53.61	54.00	-0.39	9.29	3	Vertical	111	1.99	-
5610MHz	Pass	AV	5.608G	99.20	Inf	-Inf	9.32	3	Vertical	111	1.99	-

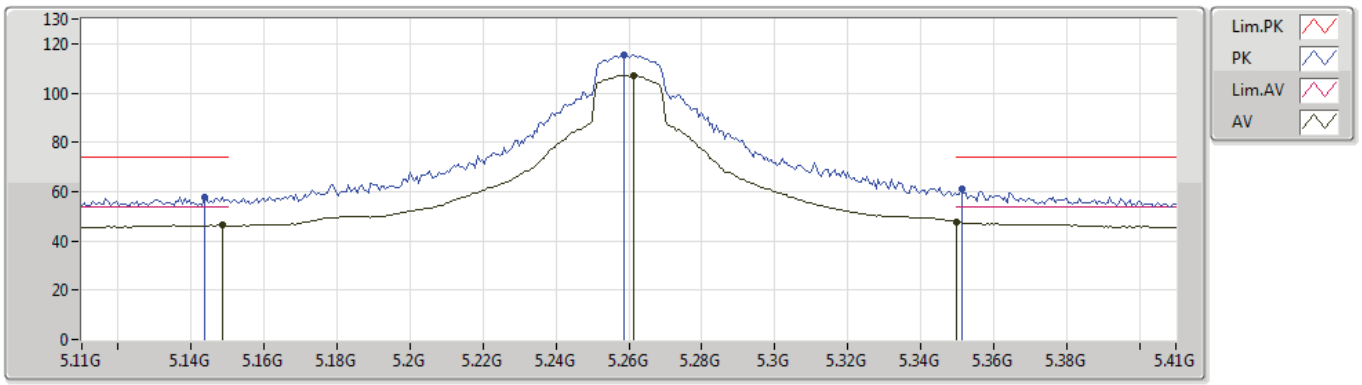
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.468G	67.76	68.20	-0.44	9.33	3	Vertical	111	1.99	-
5610MHz	Pass	PK	5.603G	108.43	Inf	-Inf	9.31	3	Vertical	111	1.99	-
5610MHz	Pass	PK	5.727G	64.46	68.20	-3.74	9.48	3	Vertical	111	1.99	-
5610MHz	Pass	AV	5.46G	51.72	54.00	-2.28	9.29	3	Horizontal	143	1.79	-
5610MHz	Pass	AV	5.613G	97.44	Inf	-Inf	9.33	3	Horizontal	143	1.79	-
5610MHz	Pass	PK	5.467G	65.51	68.20	-2.69	9.33	3	Horizontal	143	1.79	-
5610MHz	Pass	PK	5.603G	106.49	Inf	-Inf	9.31	3	Horizontal	143	1.79	-
5610MHz	Pass	PK	5.739G	64.65	68.20	-3.55	9.51	3	Horizontal	143	1.79	-
5610MHz	Pass	AV	11.2217G	47.85	54.00	-6.15	20.02	3	Vertical	111	1.82	-
5610MHz	Pass	PK	11.2421G	61.28	74.00	-12.72	20.01	3	Vertical	111	1.82	-
5610MHz	Pass	AV	11.2158G	50.85	54.00	-3.15	20.03	3	Horizontal	72	1.60	-
5610MHz	Pass	PK	11.2435G	64.13	74.00	-9.87	20.00	3	Horizontal	72	1.60	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	49.52	54.00	-4.48	9.29	3	Vertical	118	1.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.691G	100.89	Inf	-Inf	9.42	3	Vertical	118	1.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.46G	64.43	68.20	-3.77	9.29	3	Vertical	118	1.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.692G	109.72	Inf	-Inf	9.42	3	Vertical	118	1.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.855G	67.24	68.20	-0.96	9.80	3	Vertical	118	1.91	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	48.25	54.00	-5.75	9.29	3	Horizontal	143	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.688G	99.89	Inf	-Inf	9.41	3	Horizontal	143	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	62.43	68.20	-5.77	9.33	3	Horizontal	143	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.688G	109.27	Inf	-Inf	9.41	3	Horizontal	143	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.851G	67.33	68.20	-0.87	9.79	3	Horizontal	143	1.85	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37993G	46.74	54.00	-7.26	19.90	3	Vertical	47	1.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37803G	58.89	74.00	-15.11	19.90	3	Vertical	47	1.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37967G	50.89	54.00	-3.11	19.90	3	Horizontal	30	1.43	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3804G	63.98	74.00	-10.02	19.90	3	Horizontal	30	1.43	-
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,#5290MHz	Pass	AV	5.1456G	53.90	54.00	-0.10	9.02	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	AV	5.214G	88.32	Inf	-Inf	8.94	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	AV	5.3556G	51.36	54.00	-2.64	8.89	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	PK	5.1456G	73.32	74.00	-0.68	9.02	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	PK	5.2128G	105.82	Inf	-Inf	8.94	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	PK	5.3508G	68.19	74.00	-5.81	8.88	3	Vertical	105	1.90	-
#5210MHz,#5290MHz	Pass	AV	5.1456G	52.76	54.00	-1.24	9.02	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	AV	5.2068G	87.91	Inf	-Inf	8.95	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	AV	5.3532G	51.76	54.00	-2.24	8.89	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	PK	5.136G	71.46	74.00	-2.54	9.03	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	PK	5.2176G	105.57	Inf	-Inf	8.93	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	PK	5.3532G	69.99	74.00	-4.01	8.89	3	Horizontal	191	1.01	-
#5210MHz,#5290MHz	Pass	PK	10.57772G	56.95	68.20	-11.25	19.50	3	Vertical	275	1.16	-
#5210MHz,#5290MHz	Pass	PK	10.50028G	57.12	68.20	-11.08	19.36	3	Horizontal	0	1.16	-
#5530MHz,#5610MHz	Pass	AV	5.4572G	48.41	54.00	-5.59	9.28	3	Vertical	105	1.87	-
#5530MHz,#5610MHz	Pass	AV	5.5268G	87.46	Inf	-Inf	9.43	3	Vertical	105	1.87	-
#5530MHz,#5610MHz	Pass	PK	5.4692G	66.36	68.20	-1.84	9.34	3	Vertical	105	1.87	-
#5530MHz,#5610MHz	Pass	PK	5.5328G	104.29	Inf	-Inf	9.41	3	Vertical	105	1.87	-
#5530MHz,#5610MHz	Pass	PK	5.7272G	60.20	68.20	-8.00	9.48	3	Vertical	105	1.87	-
#5530MHz,#5610MHz	Pass	AV	5.4584G	48.41	54.00	-5.59	9.28	3	Horizontal	143	1.82	-
#5530MHz,#5610MHz	Pass	AV	5.5244G	87.30	Inf	-Inf	9.43	3	Horizontal	143	1.82	-
#5530MHz,#5610MHz	Pass	PK	5.4644G	65.48	68.20	-2.72	9.32	3	Horizontal	143	1.82	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
#5530MHz,#5610MHz	Pass	PK	5.5352G	104.71	Inf	-Inf	9.41	3	Horizontal	143	1.82	-
#5530MHz,#5610MHz	Pass	PK	5.726G	59.49	68.20	-8.71	9.48	3	Horizontal	143	1.82	-
#5530MHz,#5610MHz	Pass	AV	11.13909G	45.34	54.00	-8.66	20.08	3	Vertical	126	1.50	-
#5530MHz,#5610MHz	Pass	PK	11.13913G	57.57	74.00	-16.43	20.08	3	Vertical	126	1.50	-
#5530MHz,#5610MHz	Pass	AV	11.14177G	45.37	54.00	-8.63	20.09	3	Horizontal	255	1.50	-
#5530MHz,#5610MHz	Pass	PK	11.13792G	57.84	74.00	-16.16	20.08	3	Horizontal	255	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

03/05/2019

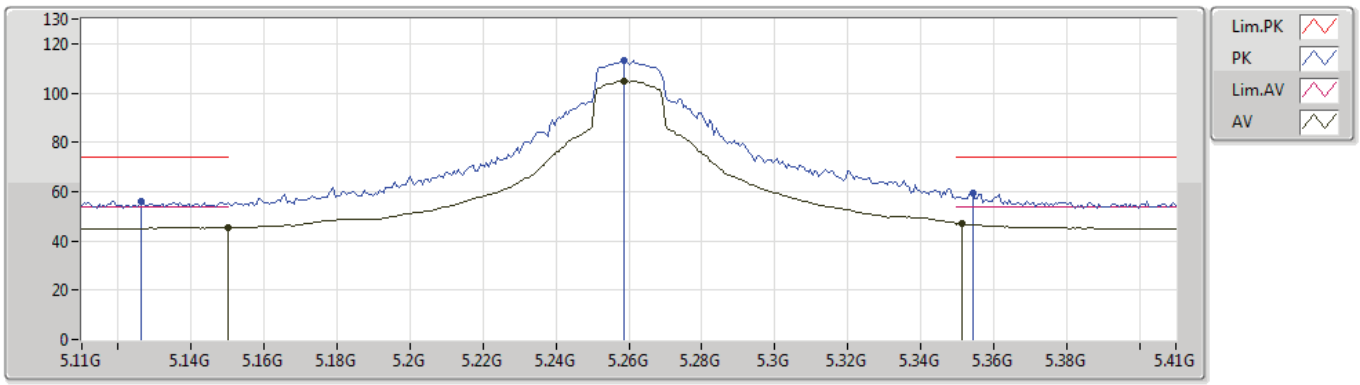


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1484G	46.36	54.00	-7.64	9.01	3	Vertical	101	1.95	-
AV	5.2612G	107.17	Inf	-Inf	8.83	3	Vertical	101	1.95	-
AV	5.35G	47.38	54.00	-6.62	8.88	3	Vertical	101	1.95	-
PK	5.1436G	57.78	74.00	-16.22	9.01	3	Vertical	101	1.95	-
PK	5.2588G	115.48	Inf	-Inf	8.83	3	Vertical	101	1.95	-
PK	5.3512G	60.91	74.00	-13.09	8.88	3	Vertical	101	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

03/05/2019

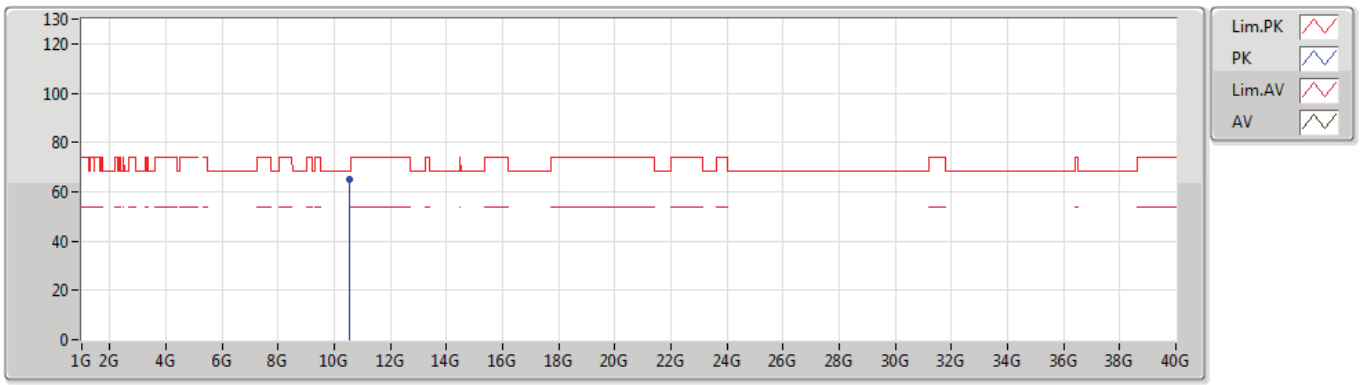


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.15G	45.43	54.00	-8.57	9.01	3	Horizontal	90	1.88	-
AV	5.2588G	104.98	Inf	-Inf	8.83	3	Horizontal	90	1.88	-
AV	5.3512G	46.89	54.00	-7.11	8.88	3	Horizontal	90	1.88	-
PK	5.1262G	56.01	74.00	-17.99	9.04	3	Horizontal	90	1.88	-
PK	5.2588G	113.28	Inf	-Inf	8.83	3	Horizontal	90	1.88	-
PK	5.3542G	59.53	74.00	-14.47	8.89	3	Horizontal	90	1.88	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

03/05/2019

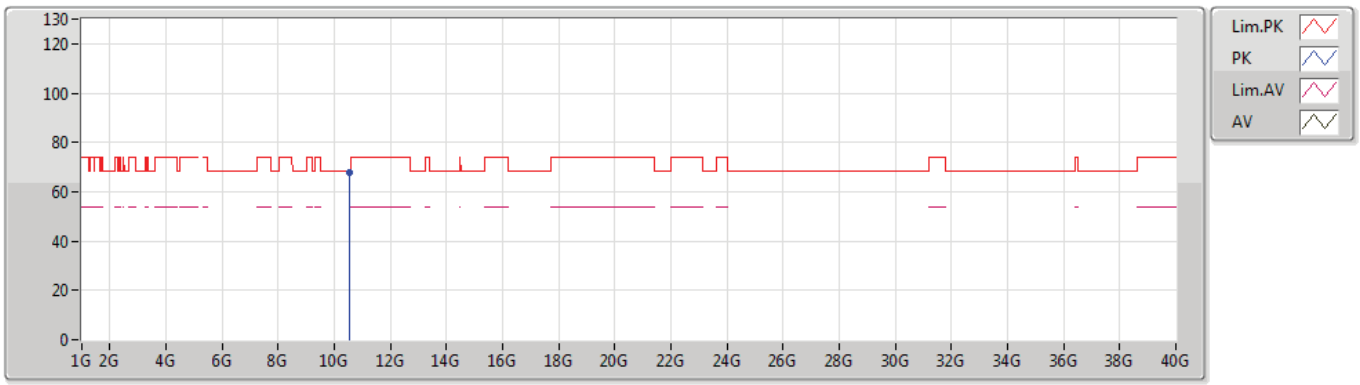


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.52024G	65.08	68.20	-3.12	19.40	3	Vertical	74	1.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

03/05/2019

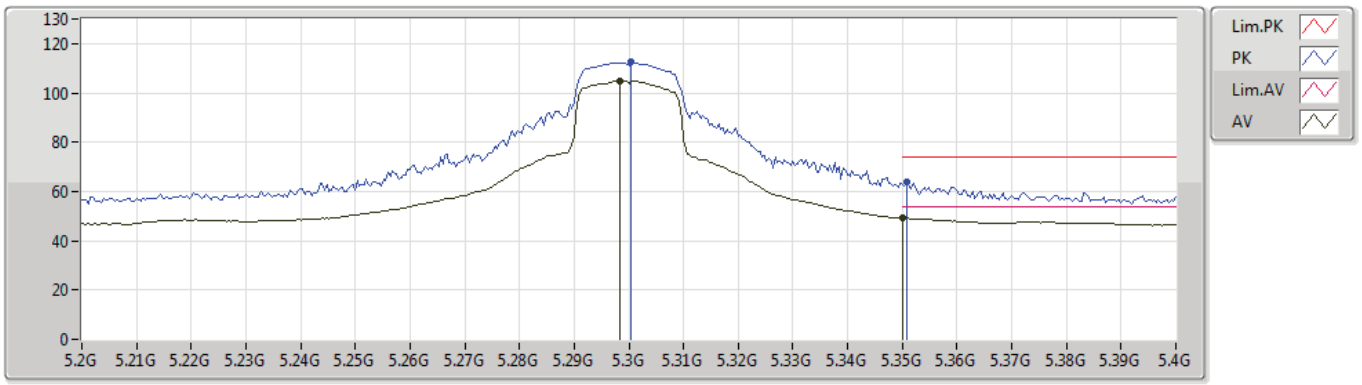


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.52036G	68.00	68.20	-0.20	19.40	3	Horizontal	158	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

03/05/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2984G	104.85	Inf	-Inf	8.73	3	Vertical	329	1.24	-
AV	5.35G	49.16	54.00	-4.84	8.88	3	Vertical	329	1.24	-
PK	5.3004G	112.42	Inf	-Inf	8.73	3	Vertical	329	1.24	-
PK	5.3508G	63.74	74.00	-10.26	8.88	3	Vertical	329	1.24	-