FCC Test Report

Equipment	:	**Wireless 802.11 a/ac+b/g/n PCBA module**
Brand Name	:	**Extreme Networks**
Model No.	:	**AP3917k/AP7662k**
FCC	:	**QXO-AP3917K**
Standard	:	**47 CFR FCC Part 15.407**
Operating Band	:	**5250 MHz – 5350 MHz** **5470 MHz – 5725 MHz** **5725 MHz – 5850 MHz**
Applicant	:	**Extreme Networks, Inc.** **6480 Via Del Oro San Jose CA 95119 United States Of America**
Manufacturer	:	**Senao Networks, Inc.** **3F, No. 529, Chung Cheng Rd. Hsintien Taipei Taiwan**
Function	:	**☒ Outdoor; ☐ Indoor; ☐ Fixed P2P** **☐ Client**
TPC Function	:	**TPC**

The product sample received on Sep. 21, 2017 and completely tested on Oct. 04, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.207	AC Power-line Conducted Emissions	Complied
3.2	15.407(a)	Emission Bandwidth	Complied
3.3	15.407(a)	Maximum Conducted Output Power	Complied
3.4	15.407(a)	Peak Power Spectral Density	Complied
3.5	15.407(b)	Unwanted Emissions	Complied
3.6	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR780809-01AO	Rev. 01	Initial issue of report	Dec. 13, 2017

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	144[1]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle		5710	142[1]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle		5690	138[1]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11n HT80	80	2TX
5.47-5.725GHz	802.11n HT80	80	2TX
5.725-5.85GHz	802.11n HT80	80	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ac VHT80	80	2TX

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

1.1.2 Antenna Information

Type1						
Ant.	**Port**	**Brand**	**Model Name**	**Antenna Type**	**Connector**	**Gain (dBi)**
1	1	-	-	Omni	I-PEX	7.75
2	2	-	-	Omni	I-PEX	7.75
Type 2						
Ant.	**Port**	**Brand**	**Model Name**	**Antenna Type**	**Connector**	**Gain (dBi)**
3	1	Laird	ML-5299-HPA5-01	Omni	I-PEX	5.6
4	2	Laird	ML-5299-HPA5-01	Omni	I-PEX	5.6
Note: The EUT has two antenna configurations. Type 1 configuration was pretested and found to be the worst case and measured during the test.						

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Note: Only conducted power was measured for BF mode and the non-BF was worse than BF, therefore only the non-BF was full evaluated.				

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.957	0.191	2.066m	1k
802.11ac VHT20	0.98	0.088	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.967	0.146	2.437m	1k
802.11ac VHT80	0.941	0.264	1.15m	1k

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 v01r04
- KDB 644545 D03 v01
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Tim Chen	24.6°C / 63%	04/Oct/2017
Radiated	03CH02-HY	Lynus Tsai	23.3°C / 57%	29/Sep/2017
AC Conduction	CO04-HY	Thor Wei	24.8°C / 61.2%	04/Oct/2017

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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)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V
Freq. Stability	Abbreviation	Remark
-40°C	-	-
-30°C	-	-
-20°C	-	-
-10°C	-	-
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
50°C	-	-
60°C	-	-
70°C	-	-
138V	-	-
120V	-	-
102V	-	-

2.2 Test Channel Mode

Test Software Version	QRCT 3.0.174.0

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	16
5580MHz	16
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	16
5300MHz	16
5320MHz	16
5500MHz	16
5580MHz	15.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	18.5
5310MHz	15.5
5510MHz	17
5550MHz	18.5
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	15
5530MHz	17
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	20
5690MHz Straddle 5.725-5.85GHz	20

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 Frequency Stability
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	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+WLAN 5GHz
2	Zigbee+WLAN 2.4GHz+WLAN 5GHz
3	Bluetooth+WLAN 2.4GHz+4.9G
4	Zigbee+WLAN 2.4GHz+4.9G
Refer to Sporton Test Report No.: FA780809-01 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for Notebook	DELL	HA65NM130	DoC
3	PoE	EnGenius	EPA5006GP	-
4	AC Source	G.W	APS-9102	-

Note: Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	EnGenius	EPA5006GP	-

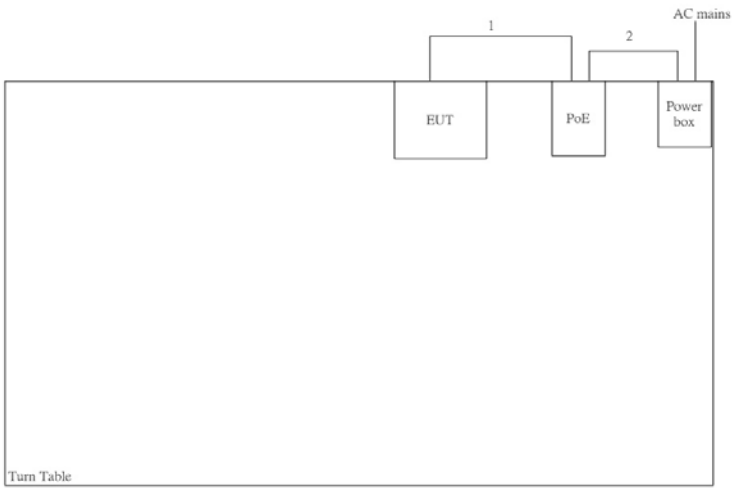
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	EnGenius	EPA5006GP	-

Note: Support equipment No.1 was provided by customer.

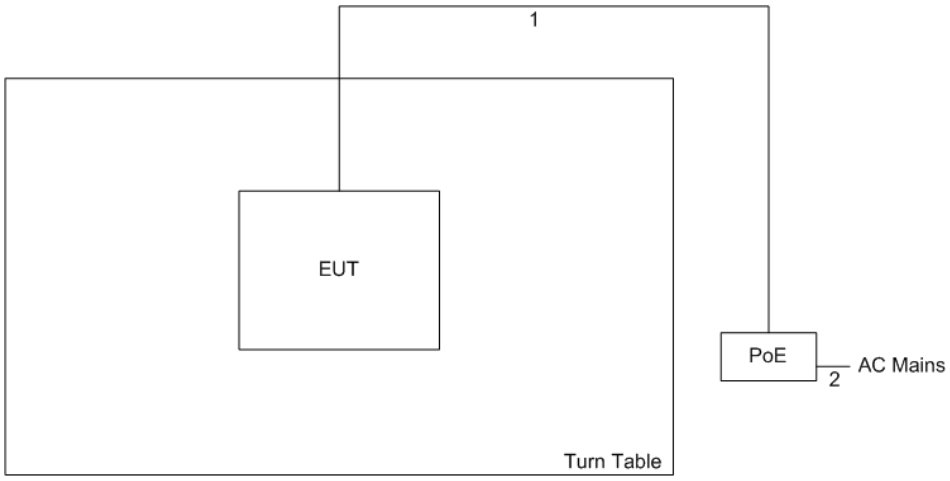
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	3m
2	AC power line	No	0.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ45 cable	No	10m
2	AC Power line	No	0.5m

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

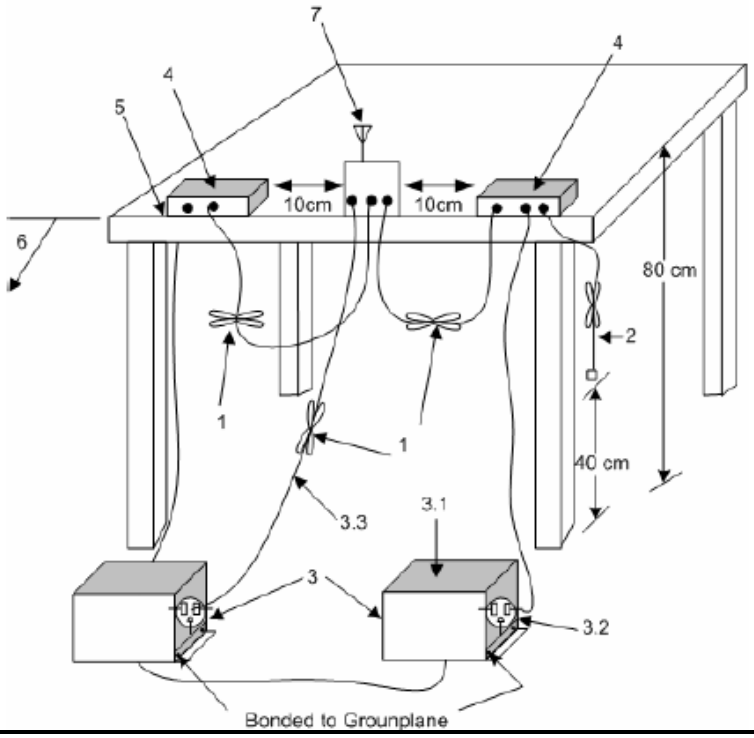
Refer a test equipment and calibration data table in this test report.

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, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

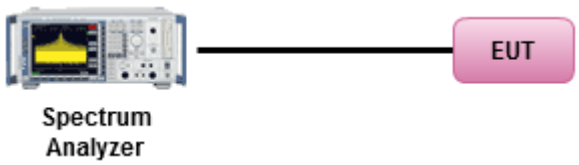
3.2.2 Measuring Instruments

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 6.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

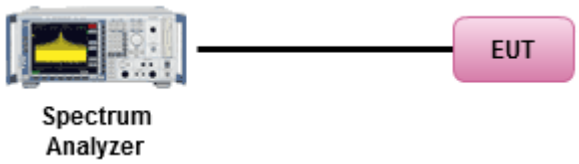
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

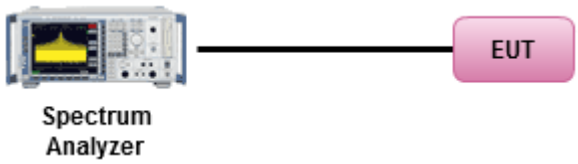
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

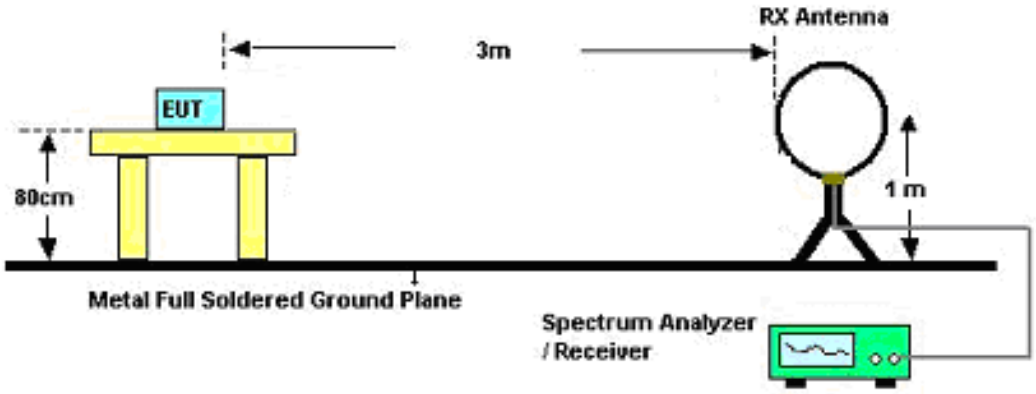
3.5.3 Test Procedures

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

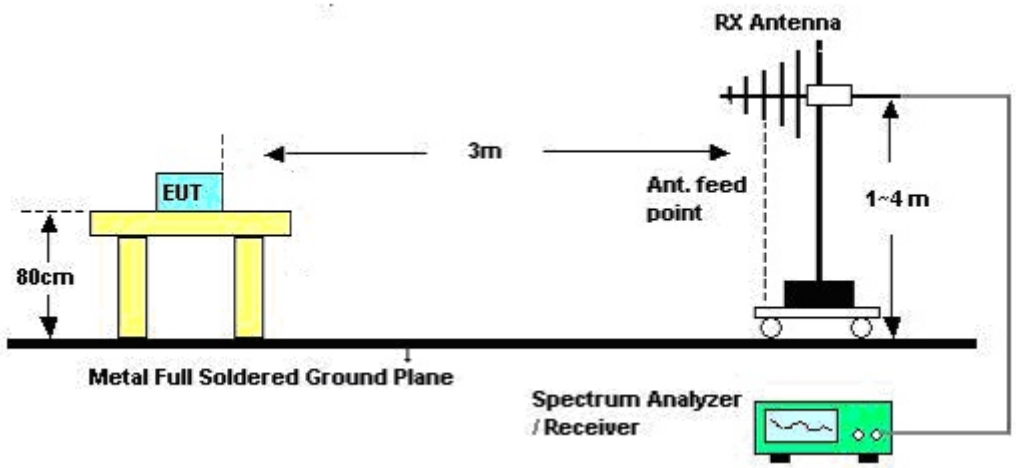
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

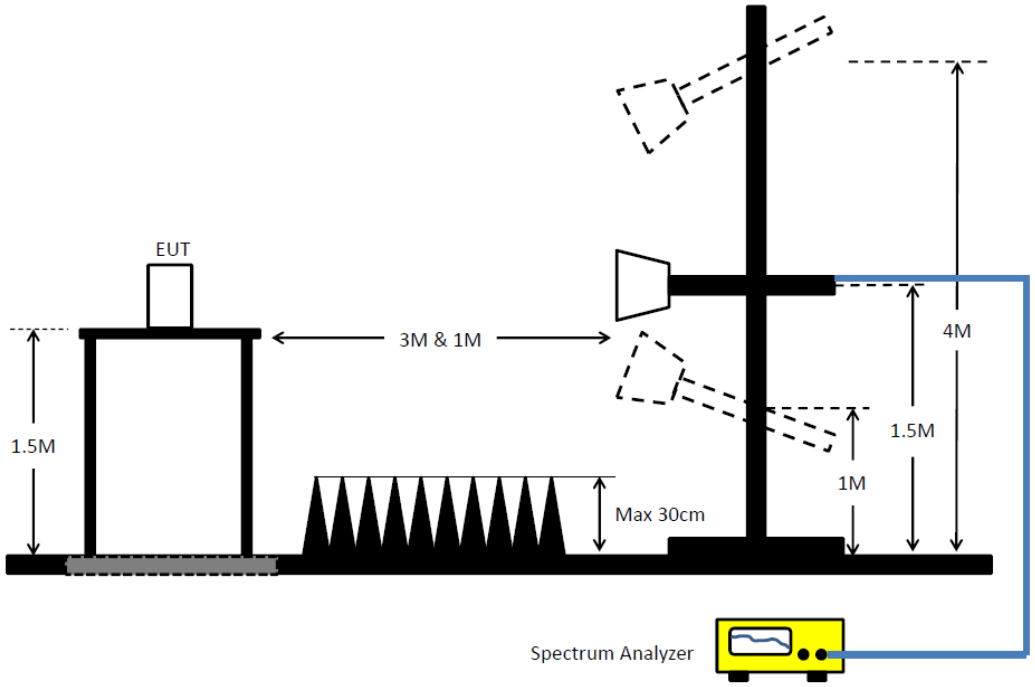
9kHz ~30MHz



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 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band.

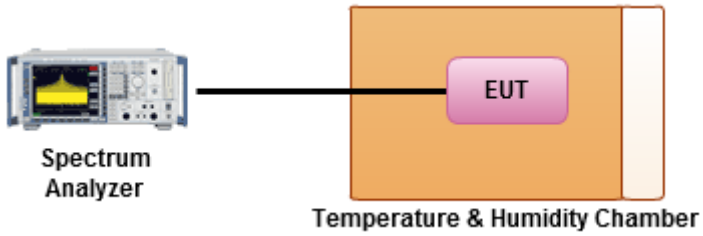
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method		
▪	Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪	Frequency stability with respect to ambient temperature
	▪	Frequency stability when varying supply voltage

3.6.4 Test Setup

Frequency Stability


3.6.5 Test Result of Frequency Stability

Refer as Appendix F

4 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	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2017	14/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

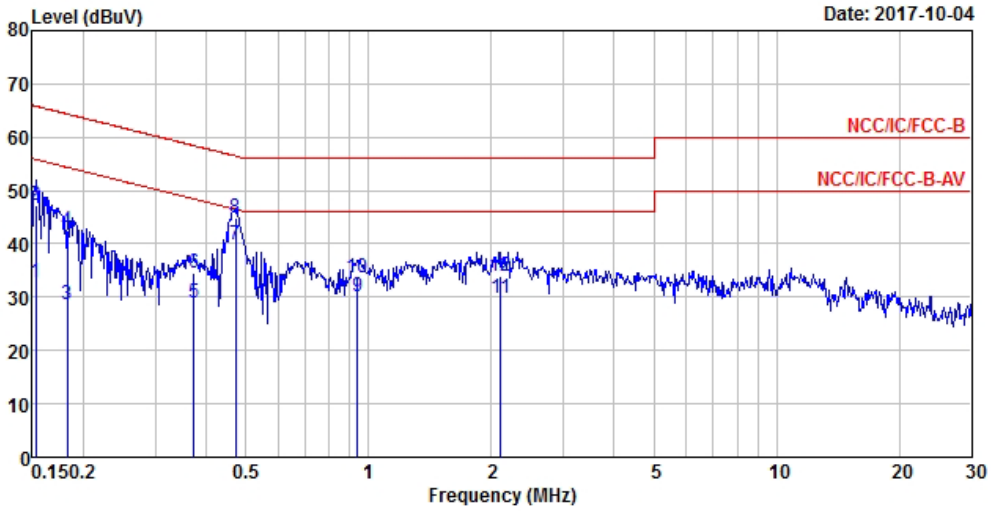
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	21/Oct/2016	20/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Ketsight	83017A	MY53270197	1GHz-26.5GHz	19/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	01/Oct/2016	30/Sep/2017
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESU3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	21/Nov/2016	20/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY23000/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

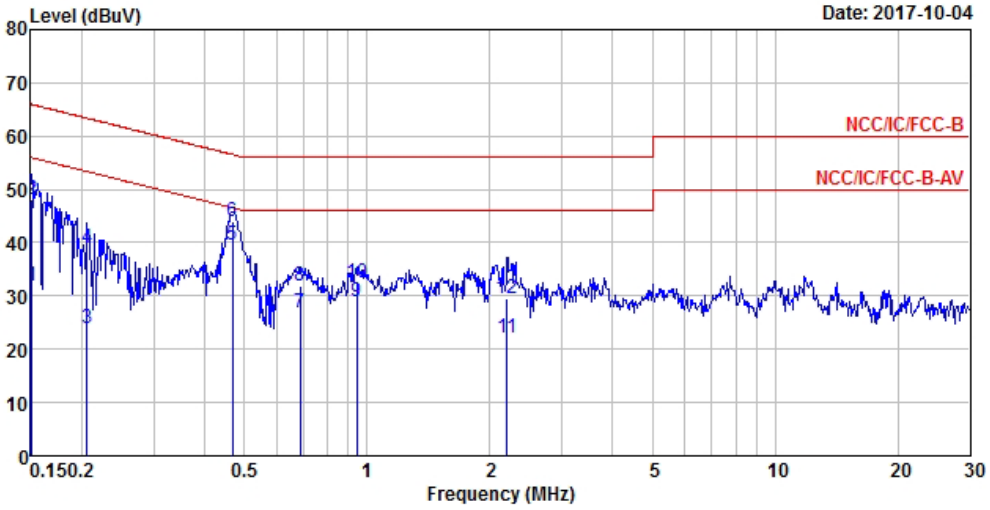
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15321	32.89	-22.93	55.82	23.07	9.60	0.22	Average
2	0.15321	47.34	-18.48	65.82	37.52	9.60	0.22	QP
3	0.18249	28.59	-25.78	54.37	18.67	9.65	0.27	Average
4	0.18249	42.65	-21.72	64.37	32.73	9.65	0.27	QP
5	0.37314	29.03	-19.40	48.43	19.28	9.63	0.12	Average
6	0.37314	34.58	-23.85	58.43	24.83	9.63	0.12	QP
7 MAX	0.47110	39.95	-6.54	46.49	30.23	9.62	0.10	Average
8	0.47110	44.81	-11.68	56.49	35.09	9.62	0.10	QP
9	0.93810	30.24	-15.76	46.00	20.55	9.59	0.10	Average
10	0.93810	33.70	-22.30	56.00	24.01	9.59	0.10	QP
11	2.11011	29.69	-16.31	46.00	19.76	9.65	0.28	Average
12	2.11011	34.08	-21.92	56.00	24.15	9.65	0.28	QP

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		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15080	31.85	-24.11	55.96	21.97	9.66	0.22	Average
2		0.15080	48.07	-17.89	65.96	38.19	9.66	0.22	QP
3		0.20614	24.00	-29.36	53.36	14.06	9.65	0.29	Average
4		0.20614	38.90	-24.46	63.36	28.96	9.65	0.29	QP
5	MAX	0.46861	39.65	-6.89	46.54	29.88	9.67	0.10	Average
6		0.46861	44.12	-12.42	56.54	34.35	9.67	0.10	QP
7		0.68626	26.86	-19.14	46.00	17.11	9.65	0.10	Average
8		0.68626	32.01	-23.99	56.00	22.26	9.65	0.10	QP
9		0.94308	28.90	-17.10	46.00	19.17	9.63	0.10	Average
10		0.94308	32.50	-23.50	56.00	22.77	9.63	0.10	QP
11		2.20147	22.23	-23.77	46.00	12.17	9.79	0.27	Average
12		2.20147	29.43	-26.57	56.00	19.37	9.79	0.27	QP

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)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.075M	16.417M	16M4D1D	18.725M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	20M	17.616M	17M6D1D	19.875M	17.616M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.55M	35.982M	36M0D1D	39.35M	35.882M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.8M	75.762M	75M8D1D	83M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.125M	16.417M	16M4D1D	14.415M	13.163M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.225M	17.616M	17M6D1D	14.955M	13.763M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.65M	35.982M	36M0D1D	34.58M	32.744M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.3M	75.762M	75M8D1D	76.35M	72.414M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.398M	3M40D1D	3.18M	3.358M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.82M	3.938M	3M94D1D	3.82M	3.938M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.16M	3.458M	3M46D1D	3.16M	3.418M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.16M	4.138M	4M14D1D	3.14M	3.898M

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

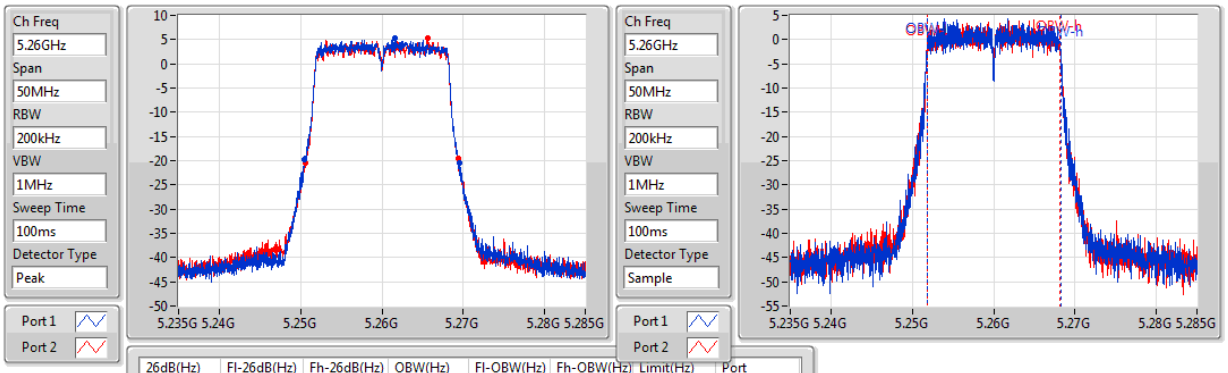
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	19.05M	16.417M	18.75M	16.392M
5300MHz_TnomVnom	Pass	Inf	19.05M	16.392M	18.725M	16.392M
5320MHz_TnomVnom	Pass	Inf	19.075M	16.417M	18.95M	16.417M
5500MHz_TnomVnom	Pass	Inf	19.125M	16.392M	18.925M	16.417M
5580MHz_TnomVnom	Pass	Inf	18.975M	16.367M	18.85M	16.367M
5700MHz_TnomVnom	Pass	Inf	19.075M	16.392M	18.9M	16.417M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.565M	13.178M	14.415M	13.163M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.18M	3.358M	3.2M	3.398M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	20M	17.616M	19.925M	17.616M
5300MHz_TnomVnom	Pass	Inf	19.975M	17.616M	19.9M	17.616M
5320MHz_TnomVnom	Pass	Inf	19.975M	17.616M	19.875M	17.616M
5500MHz_TnomVnom	Pass	Inf	19.925M	17.591M	19.925M	17.616M
5580MHz_TnomVnom	Pass	Inf	19.9M	17.616M	19.975M	17.591M
5700MHz_TnomVnom	Pass	Inf	19.875M	17.616M	20.225M	17.616M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.955M	13.763M	14.955M	13.778M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.82M	3.938M	3.82M	3.938M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	39.45M	35.982M	39.55M	35.982M
5310MHz_TnomVnom	Pass	Inf	39.4M	35.882M	39.35M	35.982M
5510MHz_TnomVnom	Pass	Inf	39.4M	35.932M	39.45M	35.982M
5550MHz_TnomVnom	Pass	Inf	39.6M	35.982M	39.65M	35.932M
5670MHz_TnomVnom	Pass	Inf	39.4M	35.932M	39.45M	35.932M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	34.58M	32.814M	34.755M	32.744M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	3.418M	3.16M	3.458M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	83.8M	75.762M	83M	75.662M
5530MHz_TnomVnom	Pass	Inf	83.3M	75.662M	83.1M	75.762M
5610MHz_TnomVnom	Pass	Inf	82.9M	75.662M	82.8M	75.662M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.8M	72.564M	76.35M	72.414M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.16M	3.898M	3.14M	4.138M

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

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

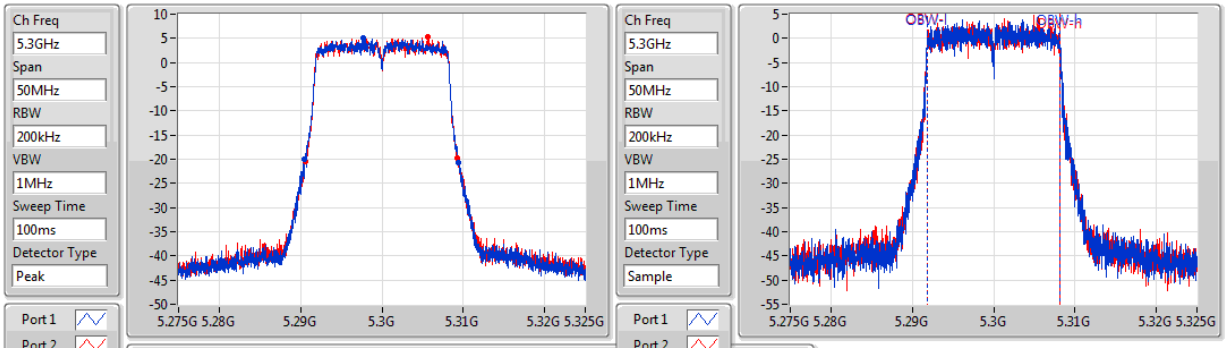
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.25045G	5.2695G	16.417M	5.251804G	5.268221G	Inf	1
18.75M	5.2506G	5.26935G	16.392M	5.251804G	5.268196G	Inf	2

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

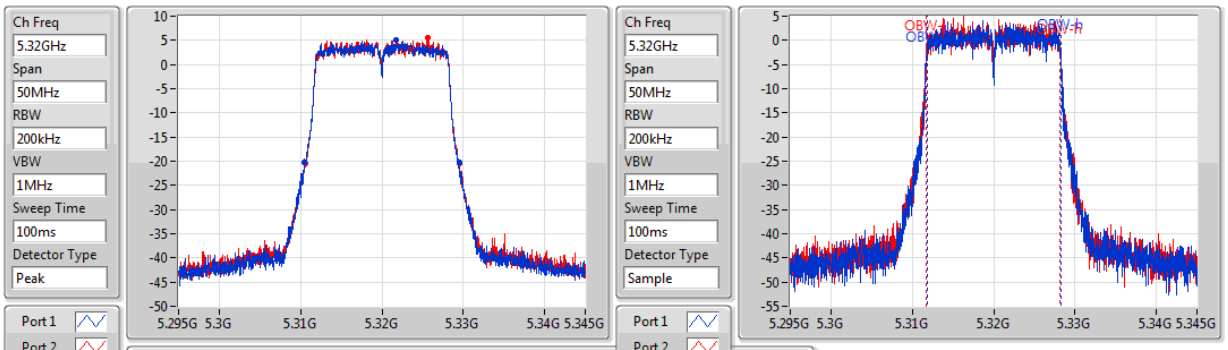
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	5.2904G	5.30945G	16.392M	5.291804G	5.308196G	Inf	1
18.725M	5.2906G	5.309325G	16.392M	5.291804G	5.308196G	Inf	2

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

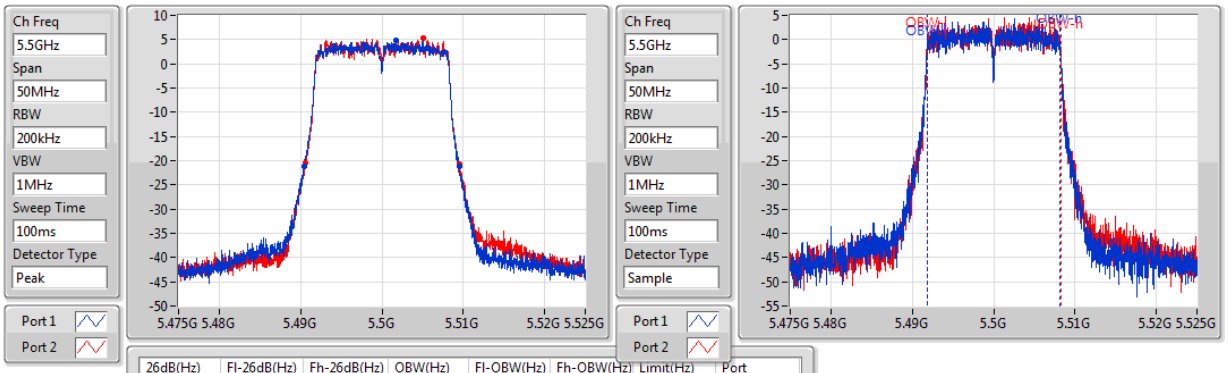
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	5.310425G	5.3295G	16.417M	5.311804G	5.328221G	Inf	1
18.95M	5.31055G	5.3295G	16.417M	5.311779G	5.328196G	Inf	2

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

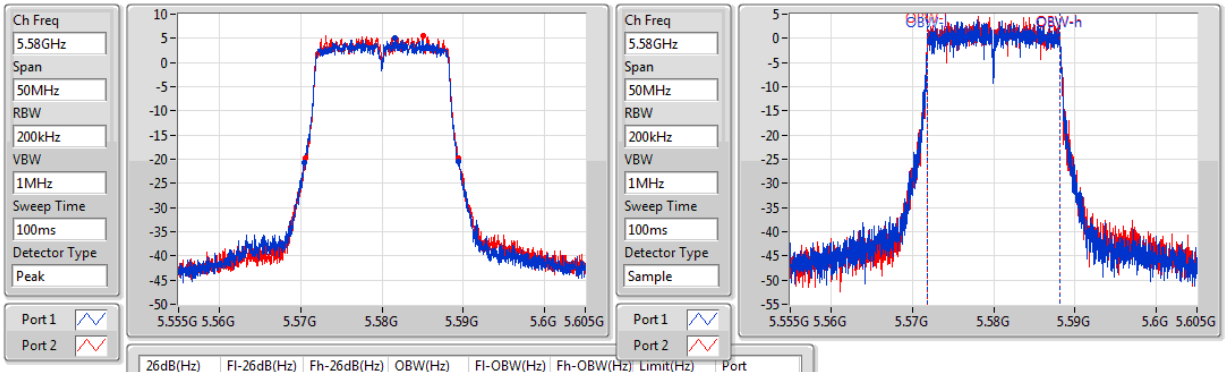
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.125M	5.4904G	5.509525G	16.392M	5.491804G	5.508196G	Inf	1
18.925M	5.49055G	5.509475G	16.417M	5.491804G	5.508221G	Inf	2

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

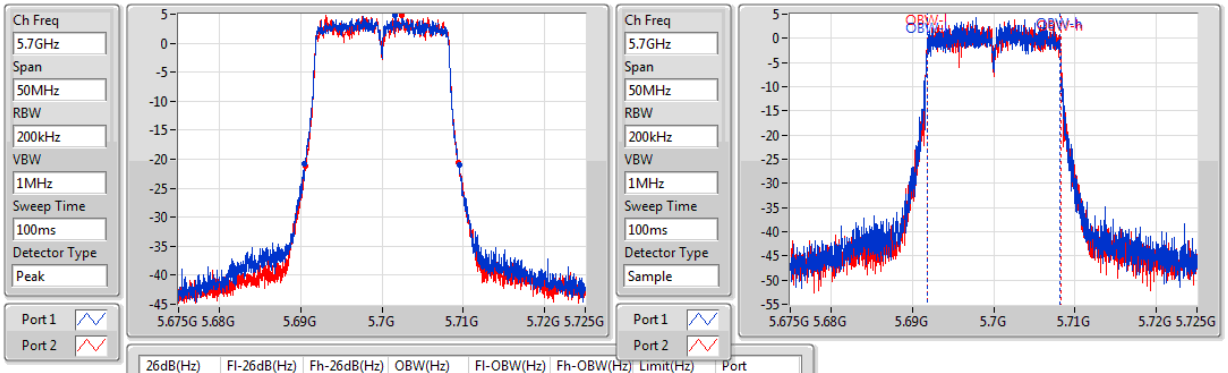
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.5704G	5.589375G	16.367M	5.571829G	5.588196G	Inf	1
18.85M	5.570575G	5.589425G	16.367M	5.571829G	5.588196G	Inf	2

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

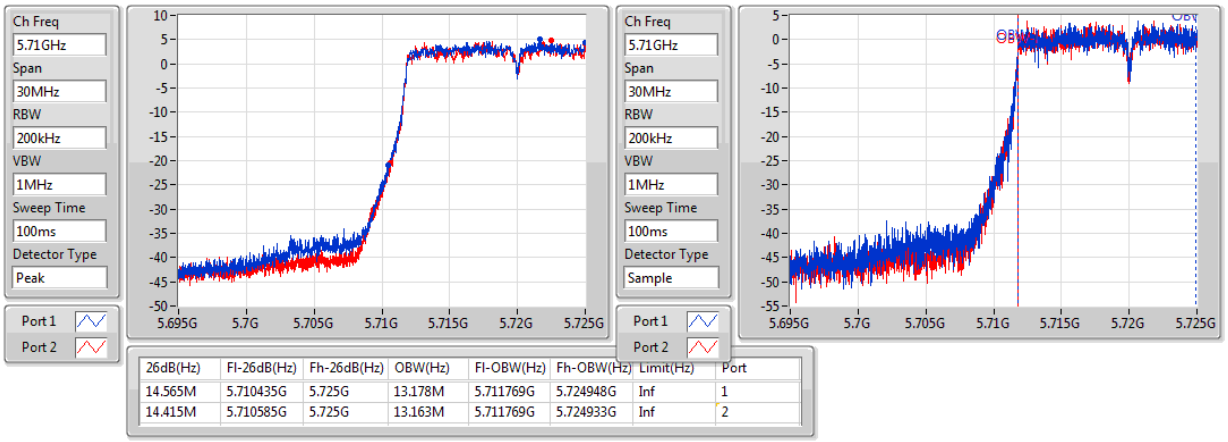
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.075M	5.69045G	5.709525G	16.392M	5.691804G	5.708196G	Inf	1
18.9M	5.69055G	5.70945G	16.417M	5.691804G	5.708221G	Inf	2

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

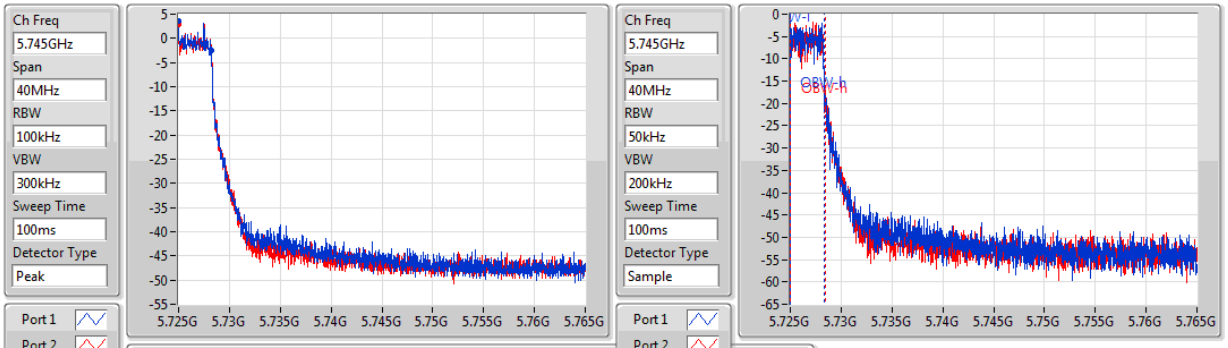
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.565M	5.710435G	5.725G	13.178M	5.711769G	5.724948G	Inf	1
14.415M	5.710585G	5.725G	13.163M	5.711769G	5.724933G	Inf	2

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

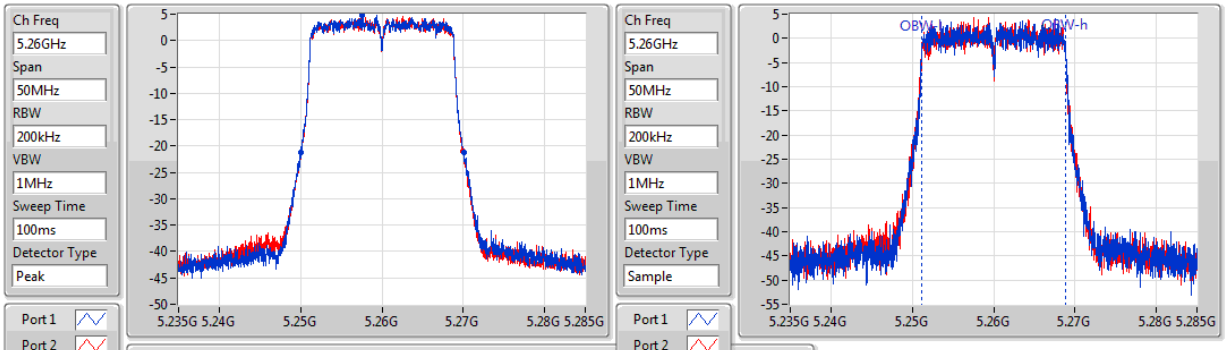
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.358M	5.72501G	5.728368G	500k	1
3.2M	5.725G	5.7282G	3.398M	5.72501G	5.728408G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

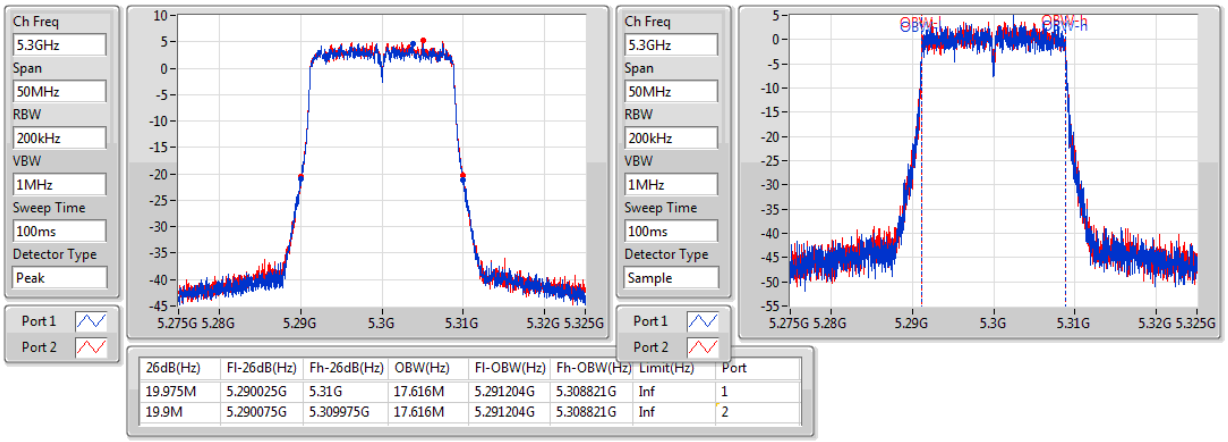
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20M	5.25005G	5.27005G	17.616M	5.251204G	5.268821G	Inf	1
19.925M	5.250075G	5.27G	17.616M	5.251204G	5.268821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

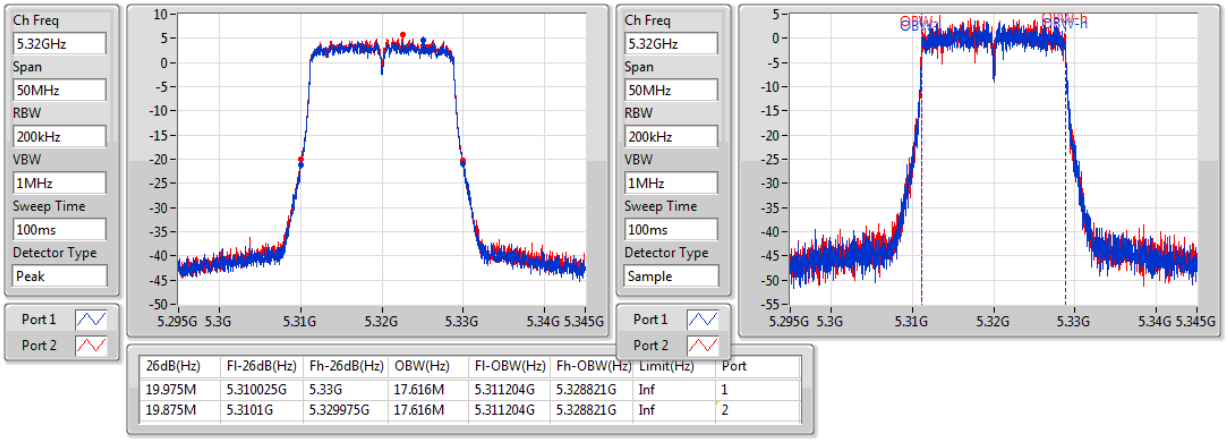
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.975M	5.290025G	5.31G	17.616M	5.291204G	5.308821G	Inf	1
19.9M	5.290075G	5.309975G	17.616M	5.291204G	5.308821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

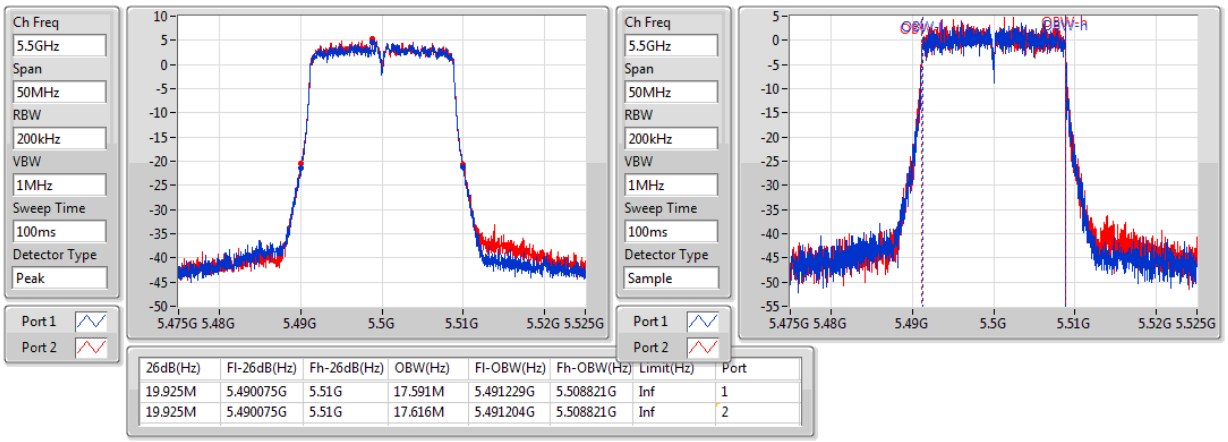
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.975M	5.310025G	5.33G	17.616M	5.311204G	5.328821G	Inf	1
19.875M	5.3101G	5.329975G	17.616M	5.311204G	5.328821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

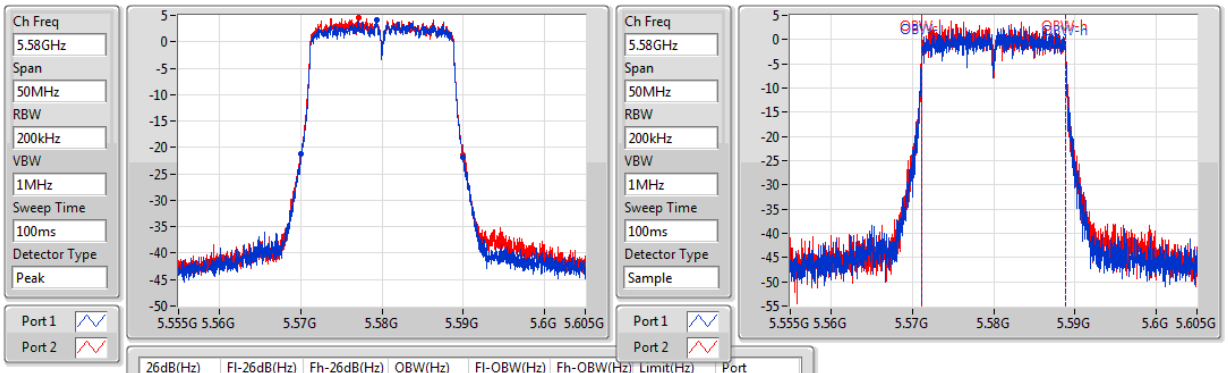
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.925M	5.490075G	5.51G	17.591M	5.491229G	5.508821G	Inf	1
19.925M	5.490075G	5.51G	17.616M	5.491204G	5.508821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

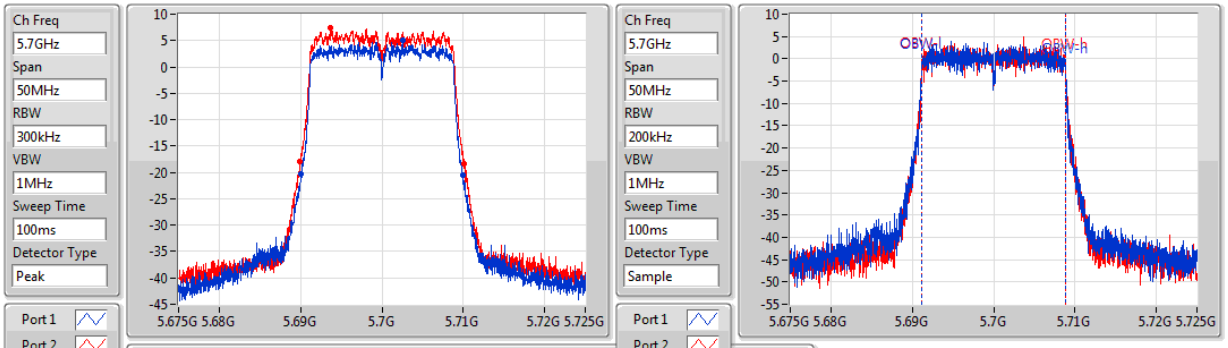
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.9M	5.570075G	5.589975G	17.616M	5.571204G	5.588821G	Inf	1
19.975M	5.57005G	5.590025G	17.591M	5.571204G	5.588796G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

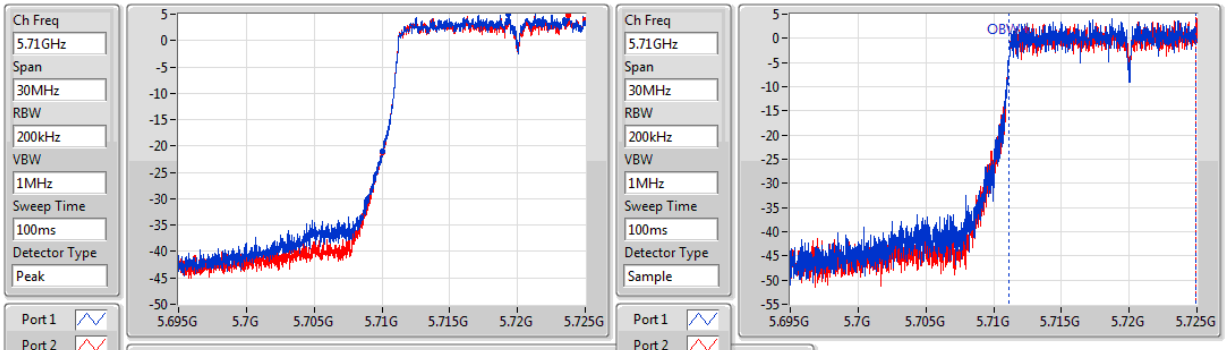
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.875M	5.69005G	5.709925G	17.616M	5.691204G	5.708821G	Inf	1
20.225M	5.689925G	5.71015G	17.616M	5.691204G	5.708821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

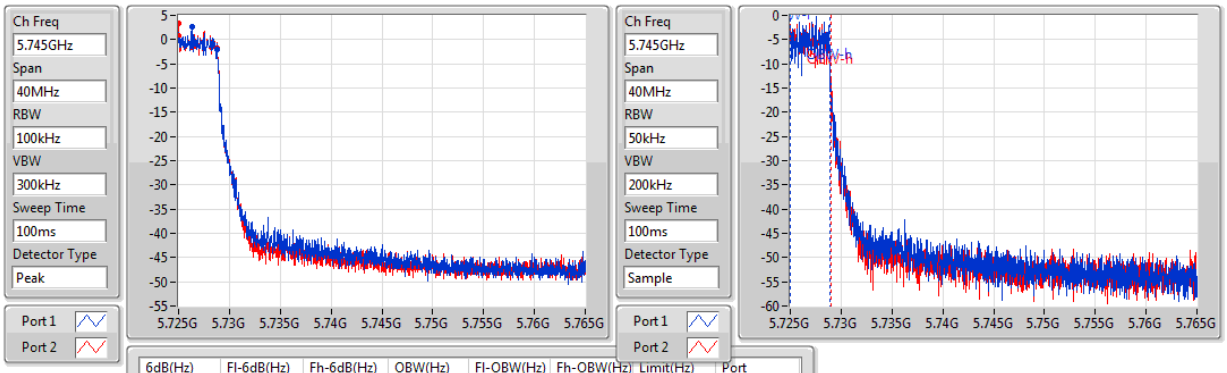
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.955M	5.710045G	5.725G	13.763M	5.711169G	5.724933G	Inf	1
14.955M	5.710045G	5.725G	13.778M	5.711169G	5.724948G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX **EBW**

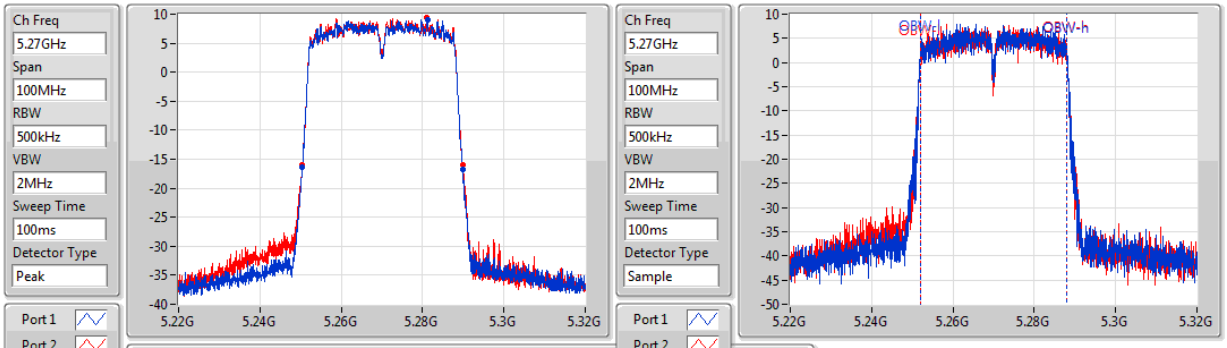
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.82M	5.725G	5.72882G	3.938M	5.72501G	5.728948G	500k	1
3.82M	5.725G	5.72882G	3.938M	5.72503G	5.728968G	500k	2

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

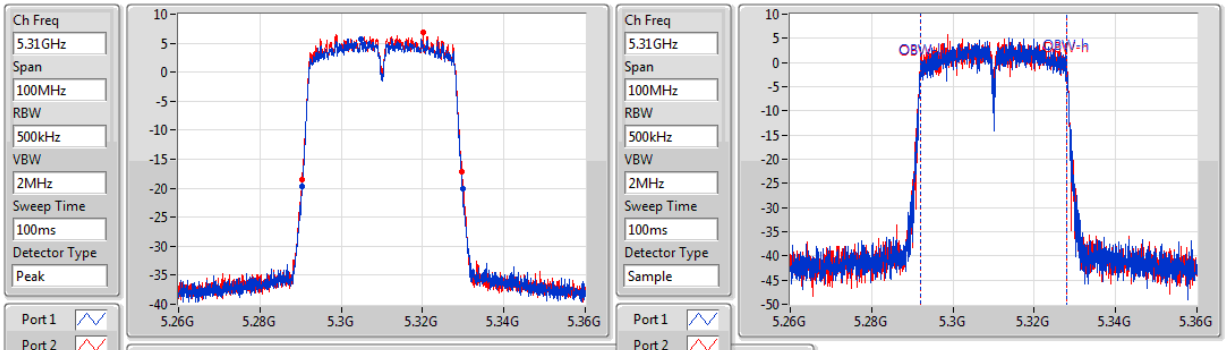
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.45M	5.25045G	5.2899G	35.982M	5.252009G	5.287991G	Inf	1
39.55M	5.25035G	5.2899G	35.982M	5.252009G	5.287991G	Inf	2

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

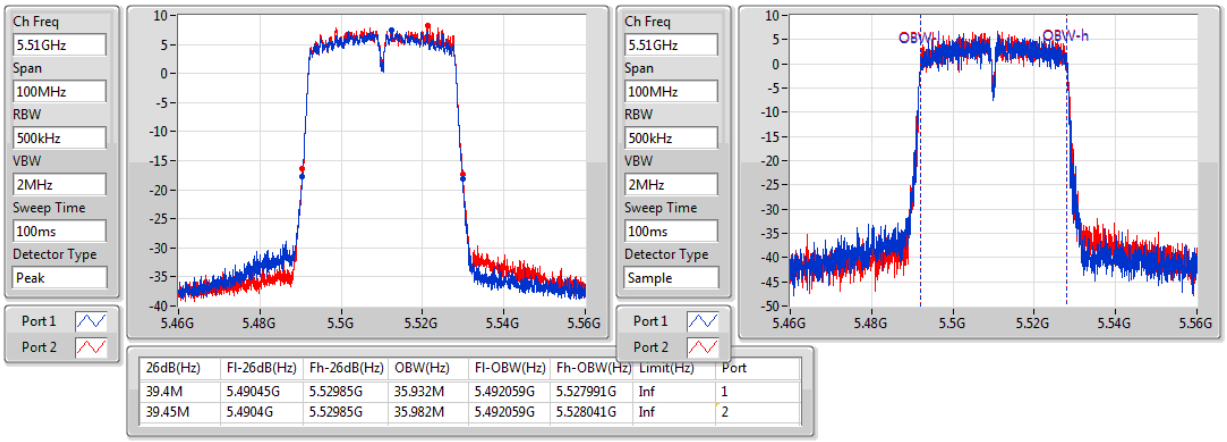
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.29045G	5.32985G	35.882M	5.292059G	5.327941G	Inf	1
39.35M	5.2904G	5.32975G	35.982M	5.292009G	5.327991G	Inf	2

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

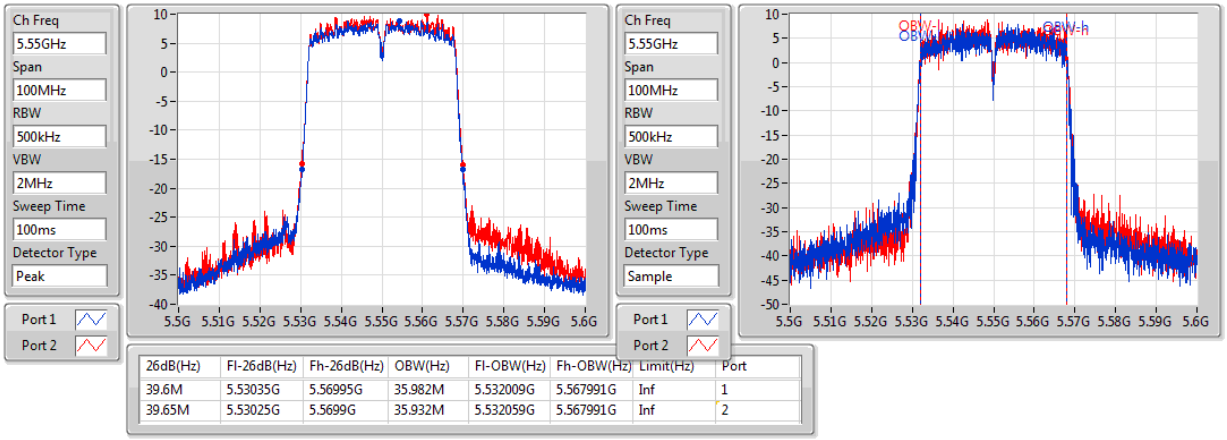
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.49045G	5.52985G	35.932M	5.492059G	5.527991G	Inf	1
39.45M	5.4904G	5.52985G	35.982M	5.492059G	5.528041G	Inf	2

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

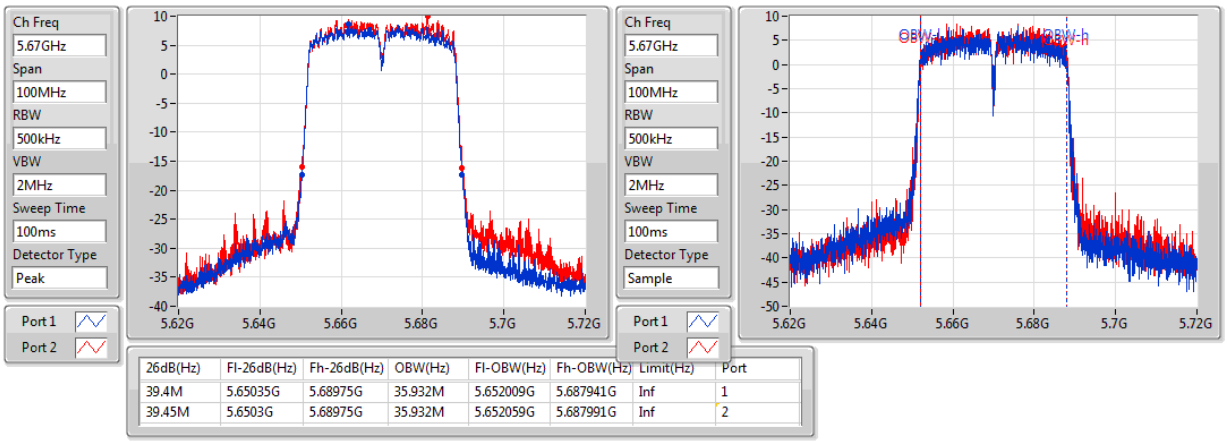
5550MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.53035G	5.56995G	35.982M	5.532009G	5.567991G	Inf	1
39.65M	5.53025G	5.5699G	35.932M	5.532059G	5.567991G	Inf	2

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

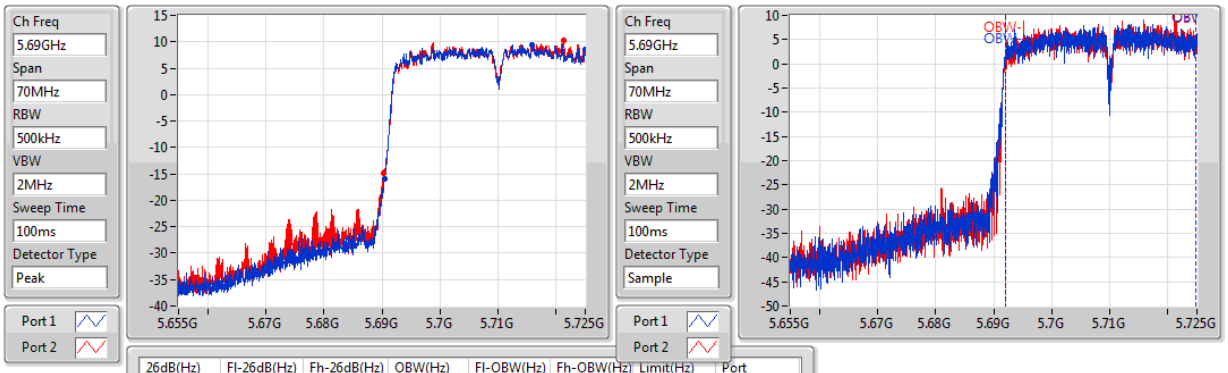
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.65035G	5.68975G	35.932M	5.652009G	5.687941G	Inf	1
39.45M	5.6503G	5.68975G	35.932M	5.652059G	5.687991G	Inf	2

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

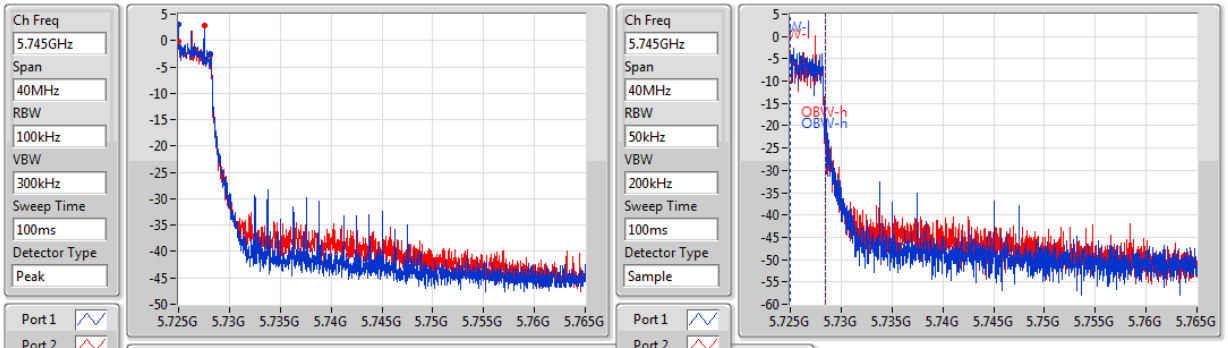
5710MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.58M	5.69042G	5.725G	32.814M	5.691994G	5.724808G	Inf	1
34.755M	5.690245G	5.725G	32.744M	5.692064G	5.724808G	Inf	2

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

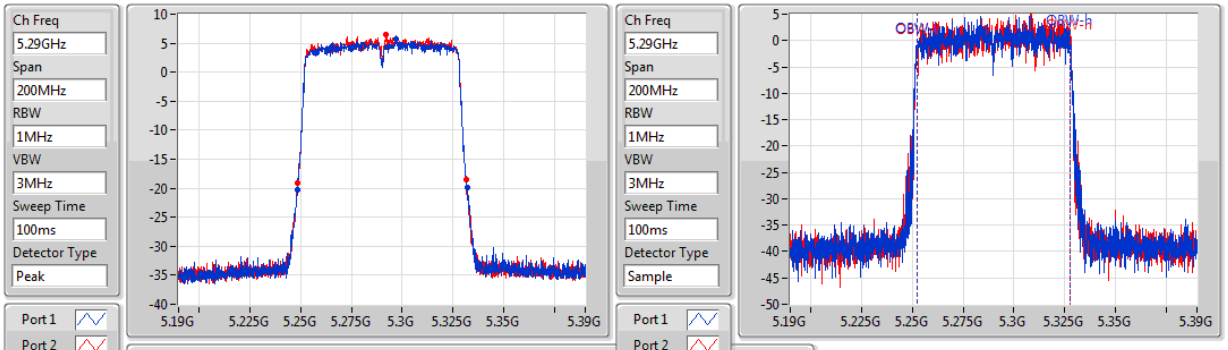
5710MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.418M	5.72501G	5.728428G	500k	1
3.16M	5.725G	5.72816G	3.458M	5.72501G	5.728468G	500k	2

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

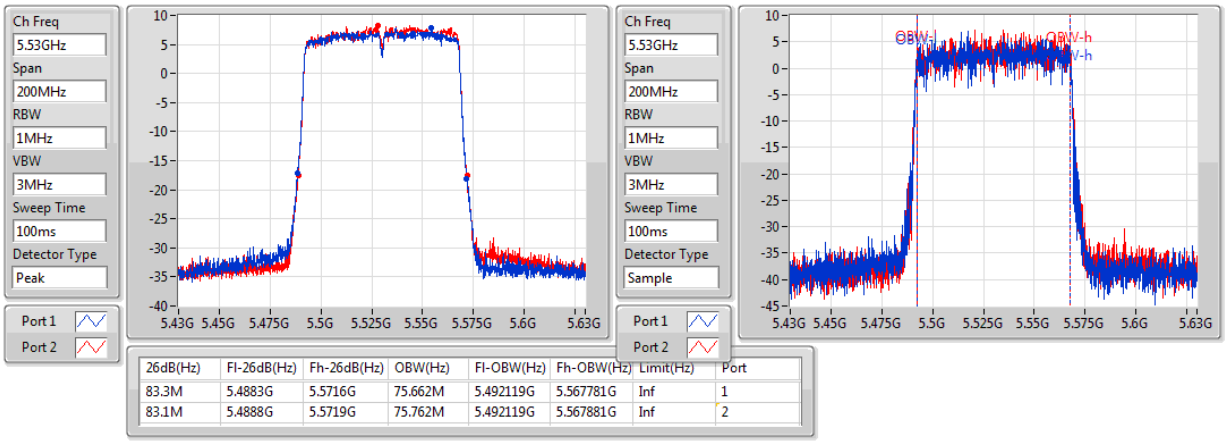
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.8M	5.2483G	5.3321G	75.762M	5.252119G	5.327881G	Inf	1
83M	5.2485G	5.3315G	75.662M	5.252219G	5.327881G	Inf	2

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

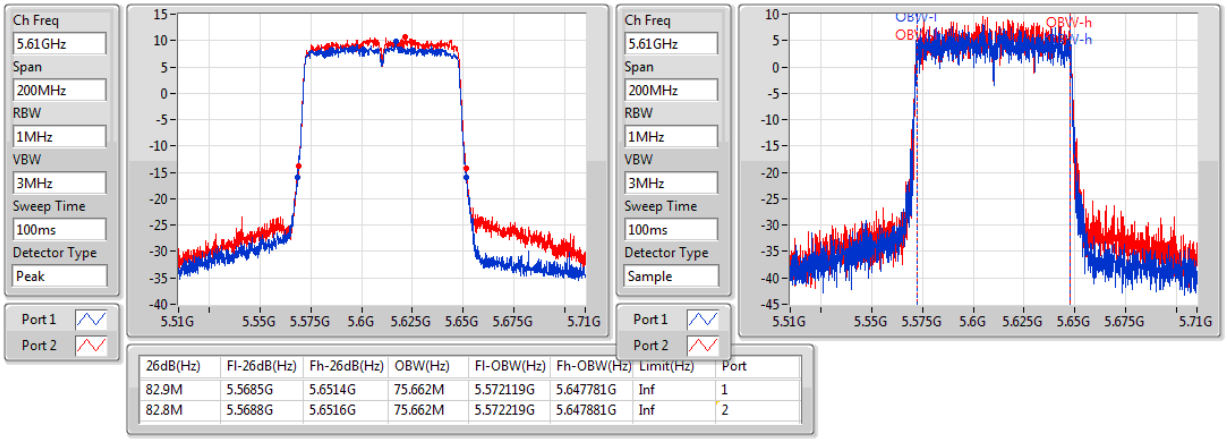
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.3M	5.4883G	5.5716G	75.662M	5.492119G	5.567781G	Inf	1
83.1M	5.4888G	5.5719G	75.762M	5.492119G	5.567881G	Inf	2

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

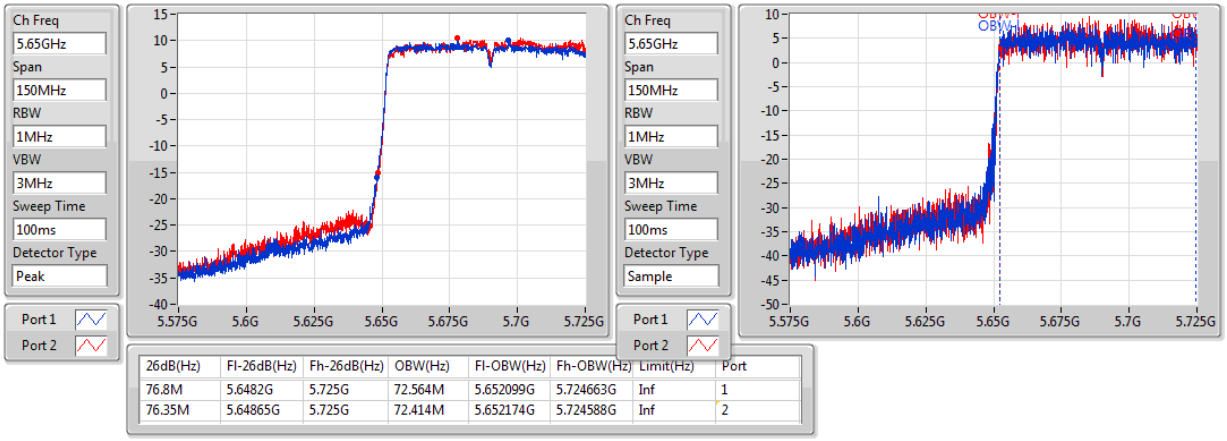
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.9M	5.5685G	5.6514G	75.662M	5.572119G	5.647781G	Inf	1
82.8M	5.5688G	5.6516G	75.662M	5.572219G	5.647881G	Inf	2

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

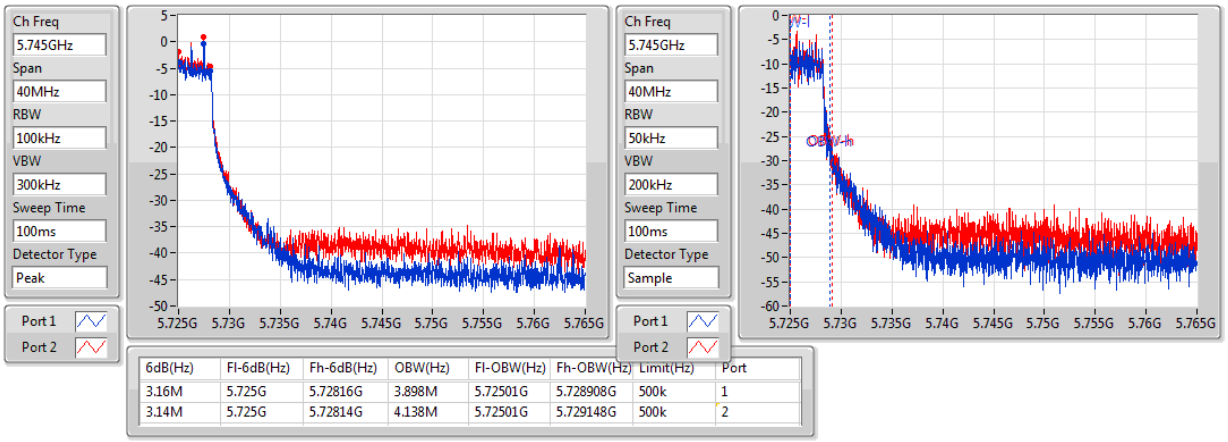
5690MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.8M	5.6482G	5.725G	72.564M	5.652099G	5.724663G	Inf	1
76.35M	5.64865G	5.725G	72.414M	5.652174G	5.724588G	Inf	2

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

5690MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.898M	5.72501G	5.728908G	500k	1
3.14M	5.725G	5.72814G	4.138M	5.72501G	5.729148G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.44	0.08790	27.19	0.52360
802.11ac VHT20_Nss1,(MCS0)_2TX	19.50	0.08913	27.25	0.53088
802.11ac VHT40_Nss1,(MCS0)_2TX	22.00	0.15849	29.75	0.94406
802.11ac VHT80_Nss1,(MCS0)_2TX	18.10	0.06457	25.85	0.38459
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.47	0.08851	27.22	0.52723
802.11ac VHT20_Nss1,(MCS0)_2TX	19.50	0.08913	27.25	0.53088
802.11ac VHT40_Nss1,(MCS0)_2TX	22.12	0.16293	29.87	0.97051
802.11ac VHT80_Nss1,(MCS0)_2TX	22.10	0.16218	29.85	0.96605
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	11.34	0.01361	19.09	0.08110
802.11ac VHT20_Nss1,(MCS0)_2TX	12.52	0.01786	20.27	0.10641
802.11ac VHT40_Nss1,(MCS0)_2TX	10.25	0.01059	18.00	0.06310
802.11ac VHT80_Nss1,(MCS0)_2TX	7.62	0.00578	15.37	0.03443

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	7.75	16.34	16.25	19.31	21.98	27.06	30.00
5300MHz_TnomVnom	Pass	7.75	16.19	16.49	19.35	21.97	27.10	30.00
5320MHz_TnomVnom	Pass	7.75	16.18	16.66	19.44	22.03	27.19	30.00
5500MHz_TnomVnom	Pass	7.75	16.29	16.60	19.46	22.02	27.21	30.00
5580MHz_TnomVnom	Pass	7.75	16.17	16.74	19.47	22.00	27.22	30.00
5700MHz_TnomVnom	Pass	7.75	15.85	15.99	18.93	22.01	26.68	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.75	14.66	14.36	17.52	20.84	25.27	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.75	8.56	8.09	11.34	28.25	19.09	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	7.75	16.34	16.40	19.38	22.23	27.13	30.00
5300MHz_TnomVnom	Pass	7.75	16.34	16.64	19.50	22.23	27.25	30.00
5320MHz_TnomVnom	Pass	7.75	16.25	16.70	19.49	22.23	27.24	30.00
5500MHz_TnomVnom	Pass	7.75	16.37	16.60	19.50	22.23	27.25	30.00
5580MHz_TnomVnom	Pass	7.75	15.71	16.22	18.98	22.23	26.73	30.00
5700MHz_TnomVnom	Pass	7.75	16.41	16.41	19.42	22.23	27.17	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.75	15.09	14.80	17.96	21.00	25.71	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.75	9.52	9.50	12.52	28.25	20.27	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	7.75	18.97	19.01	22.00	22.23	29.75	30.00
5310MHz_TnomVnom	Pass	7.75	15.85	16.16	19.02	22.23	26.77	30.00
5510MHz_TnomVnom	Pass	7.75	17.43	17.66	20.56	22.23	28.31	30.00
5550MHz_TnomVnom	Pass	7.75	18.89	19.32	22.12	22.23	29.87	30.00
5670MHz_TnomVnom	Pass	7.75	18.43	19.07	21.77	22.23	29.52	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.75	18.77	18.85	21.82	22.23	29.57	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.75	7.29	7.19	10.25	28.25	18.00	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	7.75	15.01	15.16	18.10	22.23	25.85	30.00
5530MHz_TnomVnom	Pass	7.75	17.08	17.41	20.26	22.23	28.01	30.00
5610MHz_TnomVnom	Pass	7.75	18.58	19.54	22.10	22.23	29.85	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	7.75	18.74	19.05	21.91	22.23	29.66	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	7.75	4.23	4.95	7.62	28.25	15.37	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	16.49	0.04457	27.25	0.53088
802.11ac VHT40_Nss1,(MCS0)_2TX	18.99	0.07925	29.75	0.94406
802.11ac VHT80_Nss1,(MCS0)_2TX	15.09	0.03228	25.85	0.38459
5.47-5.725GHz	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	16.49	0.04457	27.25	0.53088
802.11ac VHT40_Nss1,(MCS0)_2TX	19.11	0.08147	29.87	0.97051
802.11ac VHT80_Nss1,(MCS0)_2TX	19.09	0.08110	29.85	0.96605
5.725-5.85GHz	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	9.51	0.00893	20.27	0.10641
802.11ac VHT40_Nss1,(MCS0)_2TX	7.24	0.00530	18.00	0.06310
802.11ac VHT80_Nss1,(MCS0)_2TX	4.61	0.00289	15.37	0.03443

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	10.76	13.33	13.39	16.37	19.22	27.13	30.00
5300MHz_TnomVnom	Pass	10.76	13.33	13.63	16.49	19.00	27.25	30.00
5320MHz_TnomVnom	Pass	10.76	13.24	13.69	16.48	19.22	27.24	30.00
5500MHz_TnomVnom	Pass	10.76	13.36	13.59	16.49	19.22	27.25	30.00
5580MHz_TnomVnom	Pass	10.76	12.70	13.21	15.97	19.22	26.73	30.00
5700MHz_TnomVnom	Pass	10.76	13.40	13.40	16.41	19.22	27.17	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	12.08	11.79	14.95	17.99	25.71	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	6.51	6.49	9.51	25.24	20.27	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	10.76	15.96	16.00	18.99	19.22	29.75	30.00
5310MHz_TnomVnom	Pass	10.76	12.84	13.15	16.01	19.22	26.77	30.00
5510MHz_TnomVnom	Pass	10.76	14.42	14.65	17.55	19.22	28.31	30.00
5550MHz_TnomVnom	Pass	10.76	15.88	16.31	19.11	19.22	29.87	30.00
5670MHz_TnomVnom	Pass	10.76	15.42	16.06	18.76	19.22	29.52	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	15.76	15.84	18.81	19.22	29.57	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	4.28	4.18	7.24	25.24	18.00	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	10.76	12.00	12.15	15.09	19.22	25.85	30.00
5530MHz_TnomVnom	Pass	10.76	14.07	14.40	17.25	19.22	28.01	30.00
5610MHz_TnomVnom	Pass	10.76	15.57	16.53	19.09	19.22	29.85	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	15.73	16.04	18.90	19.22	29.66	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	1.22	1.95	4.61	25.24	15.37	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.99	16.75
802.11ac VHT20_Nss1,(MCS0)_2TX	6.23	16.99
802.11ac VHT40_Nss1,(MCS0)_2TX	5.65	16.41
802.11ac VHT80_Nss1,(MCS0)_2TX	-1.44	9.32
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.13	16.89
802.11ac VHT20_Nss1,(MCS0)_2TX	6.20	16.96
802.11ac VHT40_Nss1,(MCS0)_2TX	6.22	16.98
802.11ac VHT80_Nss1,(MCS0)_2TX	2.73	13.49
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.66	14.42
802.11ac VHT20_Nss1,(MCS0)_2TX	4.37	15.13
802.11ac VHT40_Nss1,(MCS0)_2TX	2.87	13.63
802.11ac VHT80_Nss1,(MCS0)_2TX	0.08	10.84

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

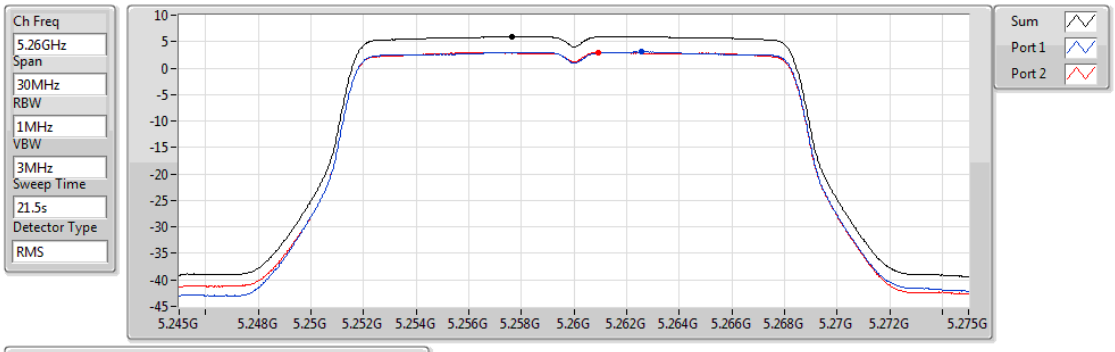
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	10.76	3.05	2.97	5.93	6.24	16.69	Inf
5300MHz_TnomVnom	Pass	10.76	2.95	3.15	5.99	6.24	16.75	Inf
5320MHz_TnomVnom	Pass	10.76	2.85	3.24	5.97	6.24	16.73	Inf
5500MHz_TnomVnom	Pass	10.76	2.83	3.27	6.02	6.24	16.78	Inf
5580MHz_TnomVnom	Pass	10.76	2.84	3.61	6.13	6.24	16.89	Inf
5700MHz_TnomVnom	Pass	10.76	2.60	2.95	5.76	6.24	16.52	Inf
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	2.68	2.86	5.76	6.24	16.52	Inf
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	0.82	0.67	3.66	25.24	14.42	Inf
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	10.76	3.33	3.51	6.19	6.24	16.95	Inf
5300MHz_TnomVnom	Pass	10.76	3.24	3.79	6.21	6.24	16.97	Inf
5320MHz_TnomVnom	Pass	10.76	3.25	3.75	6.23	6.24	16.99	Inf
5500MHz_TnomVnom	Pass	10.76	3.34	3.62	6.20	6.24	16.96	Inf
5580MHz_TnomVnom	Pass	10.76	2.95	3.38	5.81	6.24	16.57	Inf
5700MHz_TnomVnom	Pass	10.76	3.46	3.54	6.18	6.24	16.94	Inf
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	3.41	3.25	6.09	6.24	16.85	Inf
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	1.61	1.64	4.37	25.24	15.13	Inf
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	10.76	2.64	2.77	5.65	6.24	16.41	Inf
5310MHz_TnomVnom	Pass	10.76	-0.50	-0.09	2.66	6.24	13.42	Inf
5510MHz_TnomVnom	Pass	10.76	1.20	1.53	4.36	6.24	15.12	Inf
5550MHz_TnomVnom	Pass	10.76	2.80	3.22	5.97	6.24	16.73	Inf
5670MHz_TnomVnom	Pass	10.76	2.08	3.04	5.57	6.24	16.33	Inf
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	3.11	3.41	6.22	6.24	16.98	Inf
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	-0.12	-0.16	2.87	25.24	13.63	Inf
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	10.76	-4.51	-4.30	-1.44	6.24	9.32	Inf
5530MHz_TnomVnom	Pass	10.76	-2.44	-1.99	0.66	6.24	11.42	Inf
5610MHz_TnomVnom	Pass	10.76	-0.71	0.29	2.70	6.24	13.46	Inf
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.76	-0.45	0.00	2.73	6.24	13.49	Inf
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.76	-3.36	-2.53	0.08	25.24	10.84	Inf

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

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

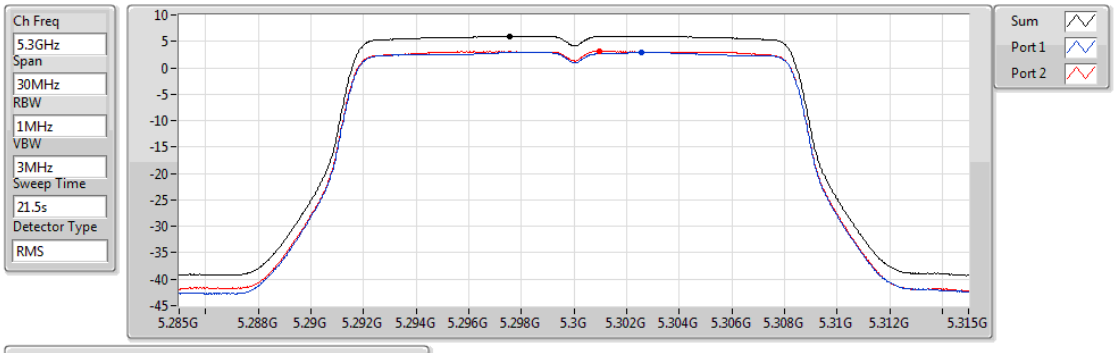
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	3.05	2.97

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

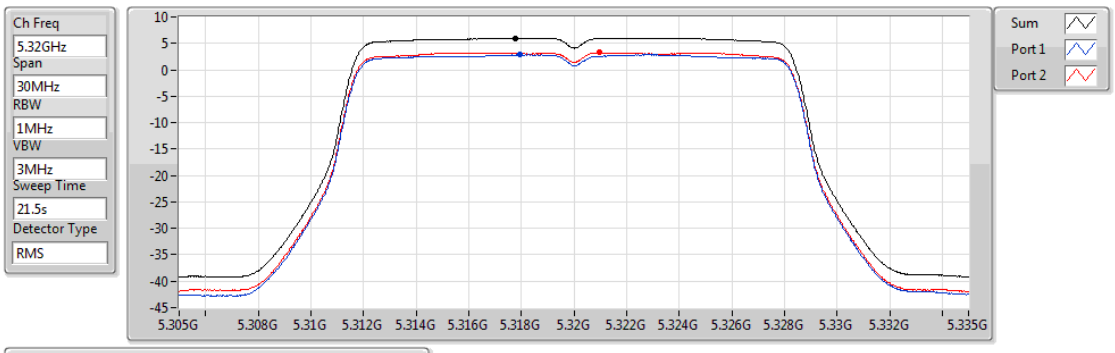
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	2.95	3.15

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

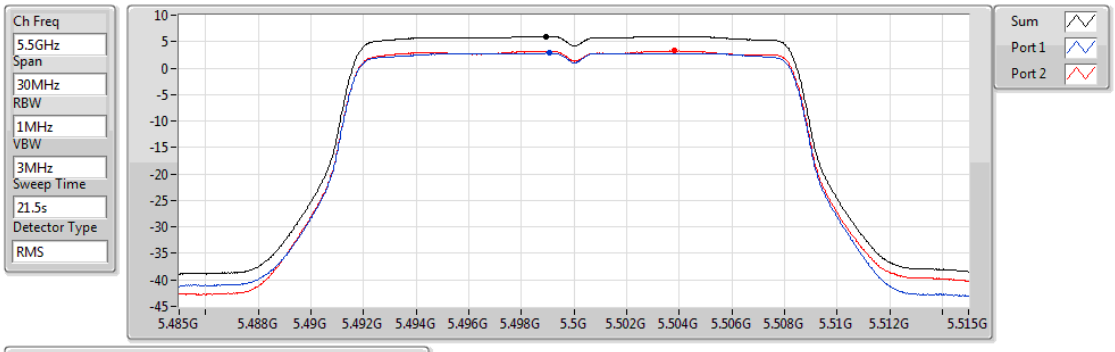
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	2.85	3.24

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

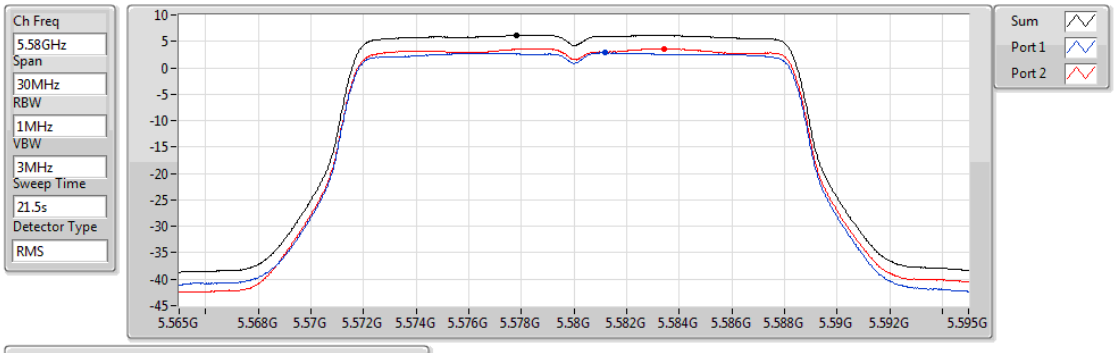
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	2.83	3.27

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

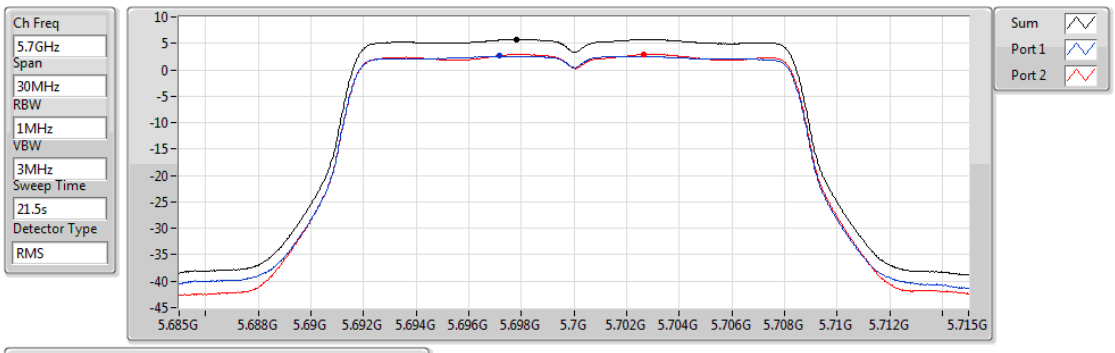
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	2.84	3.61

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

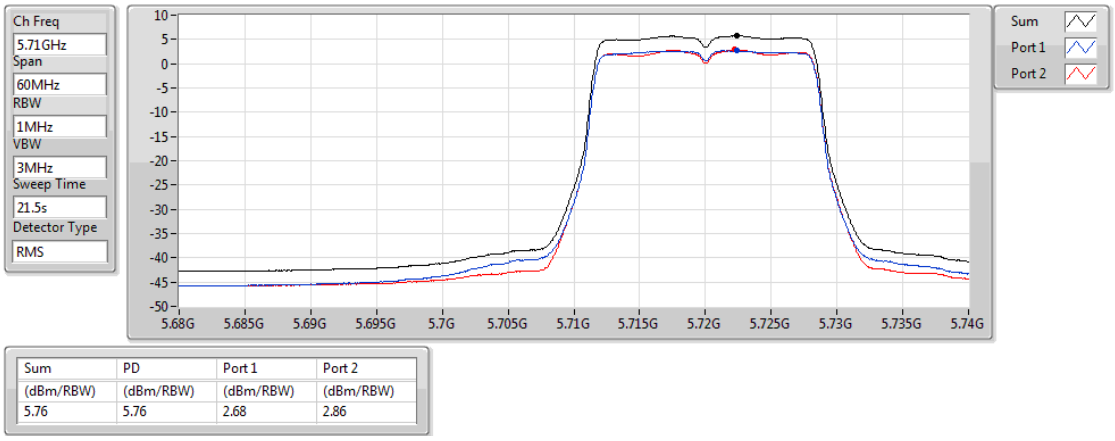
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	2.60	2.95

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

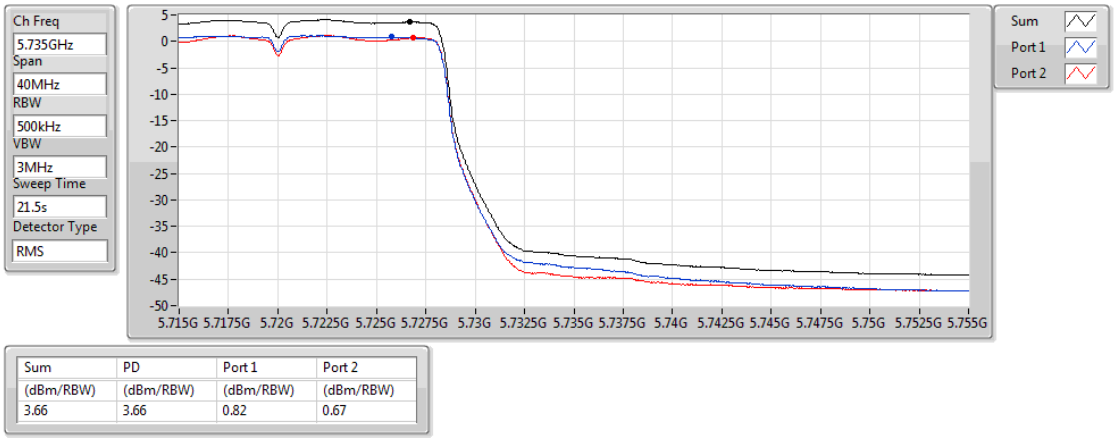
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	2.68	2.86

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

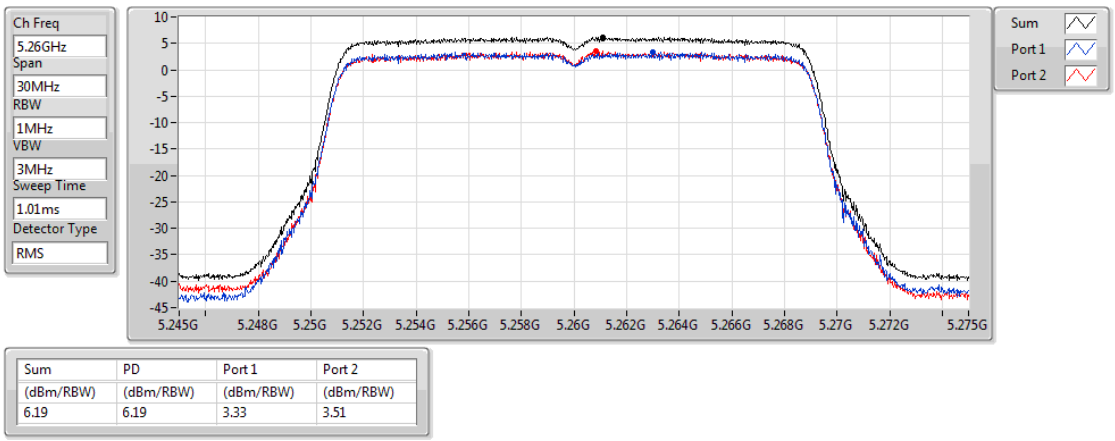
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.82	0.67

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

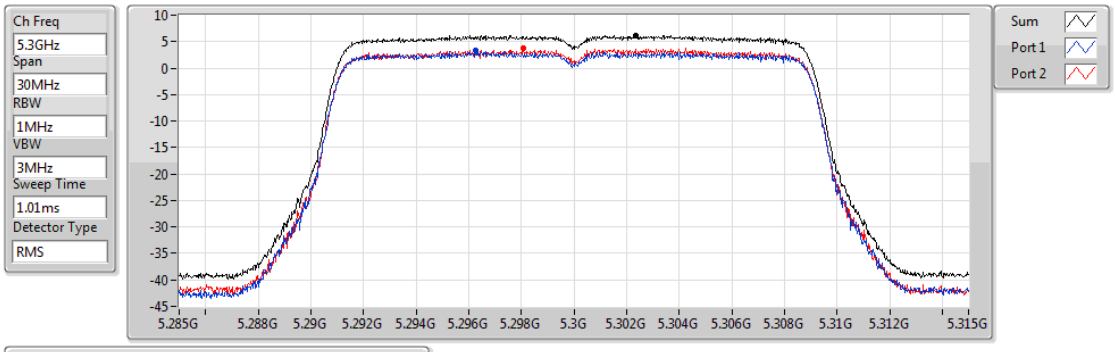
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	3.33	3.51

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

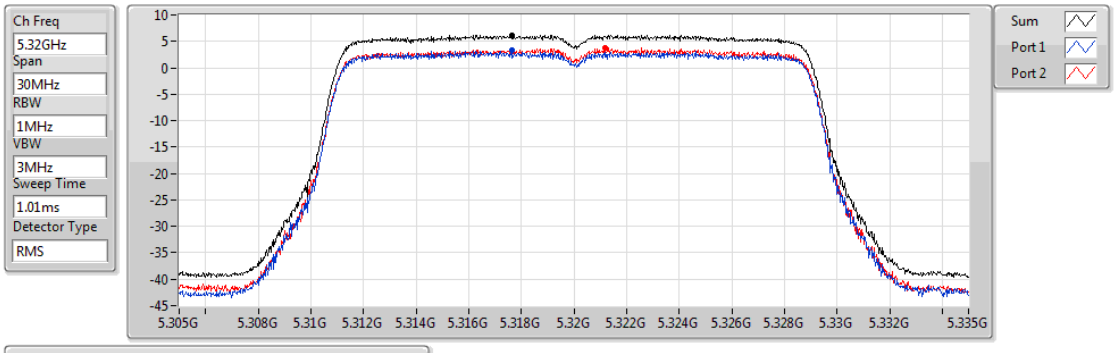
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	3.24	3.79

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

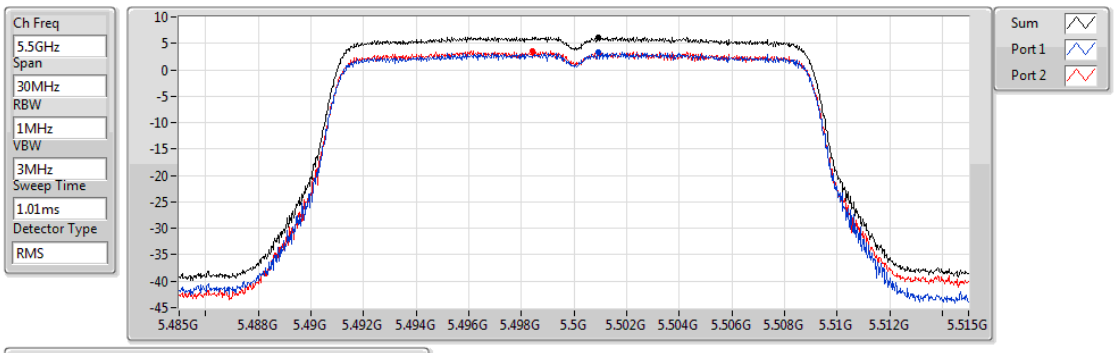
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	3.25	3.75

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

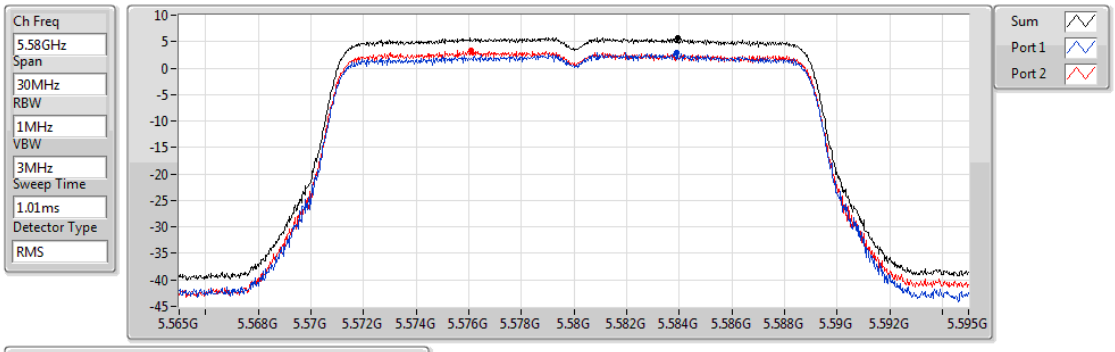
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.20	6.20	3.34	3.62

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

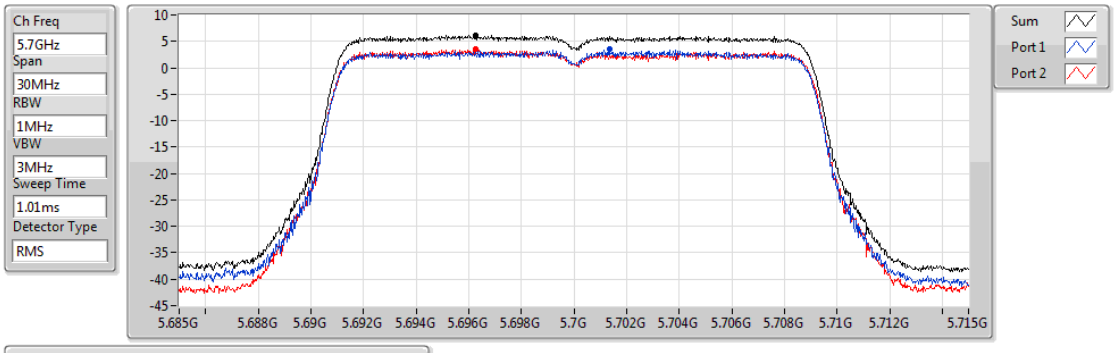
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	2.95	3.38

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

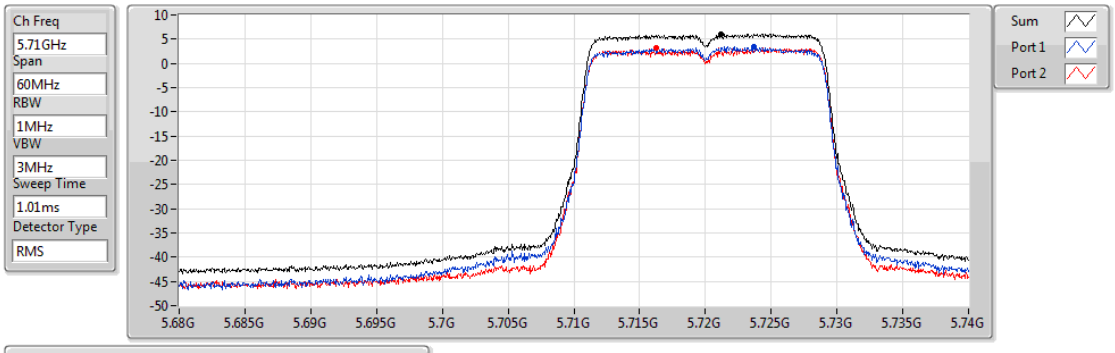
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	3.46	3.54

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

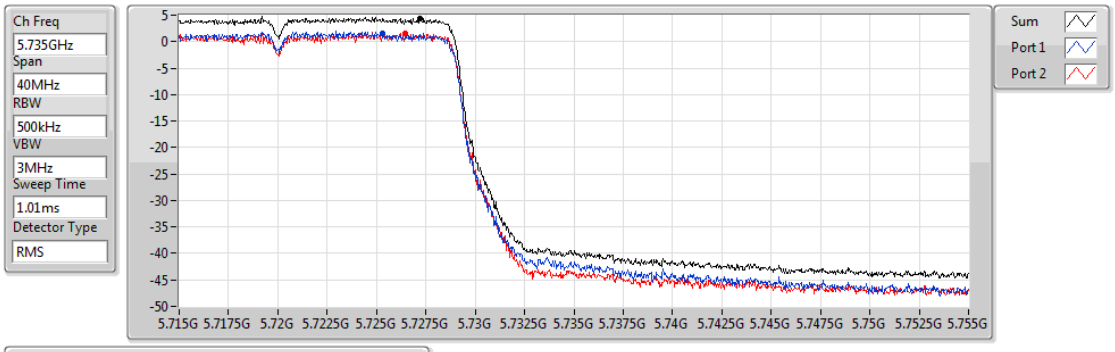
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	3.41	3.25

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

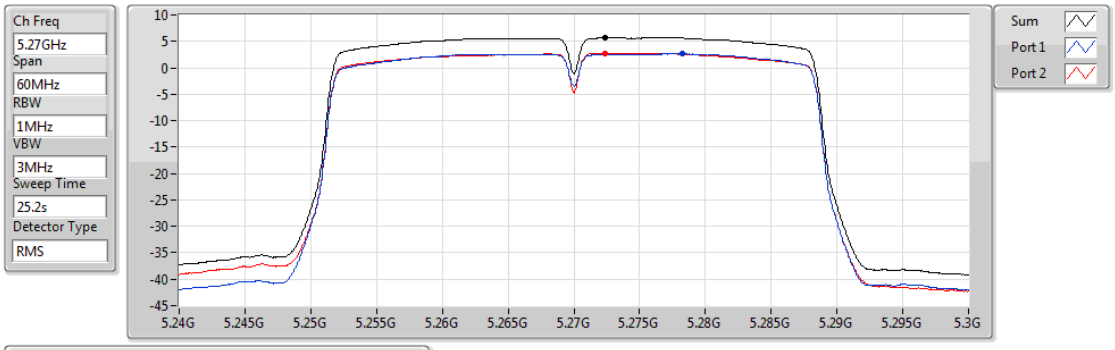
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	1.61	1.64

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

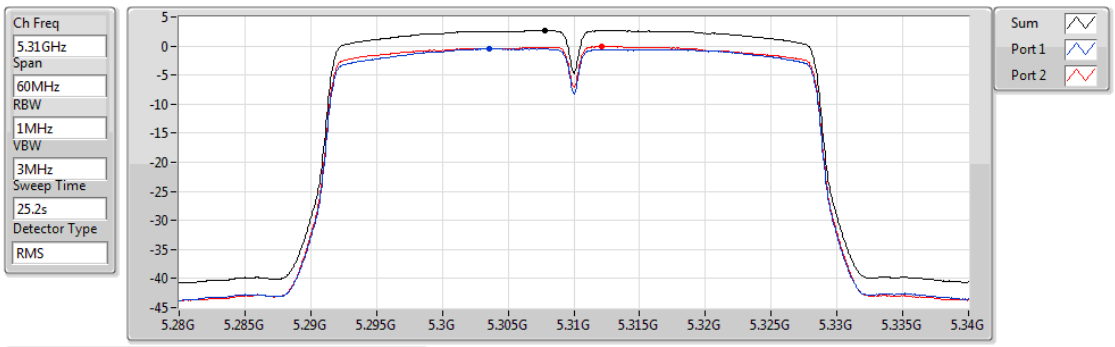
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	2.64	2.77

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

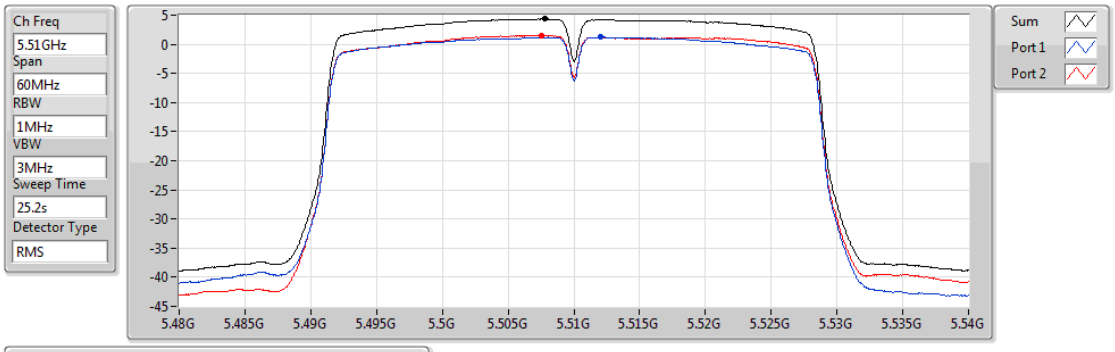
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.66	2.66	-0.50	-0.09

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

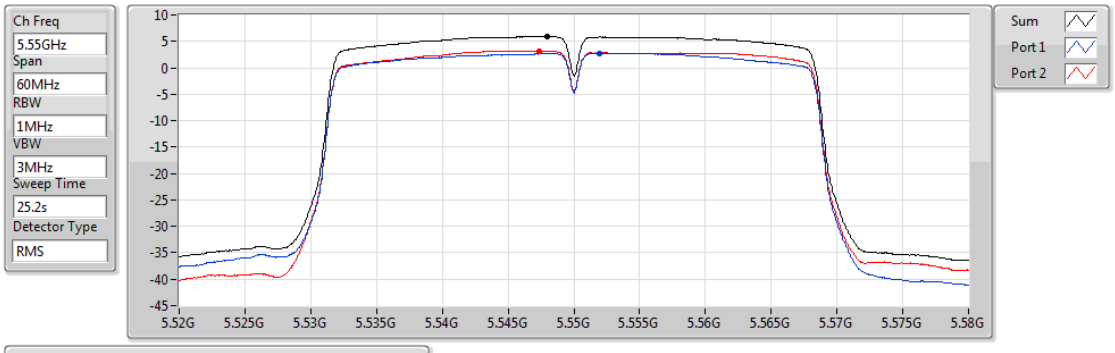
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	1.20	1.53

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

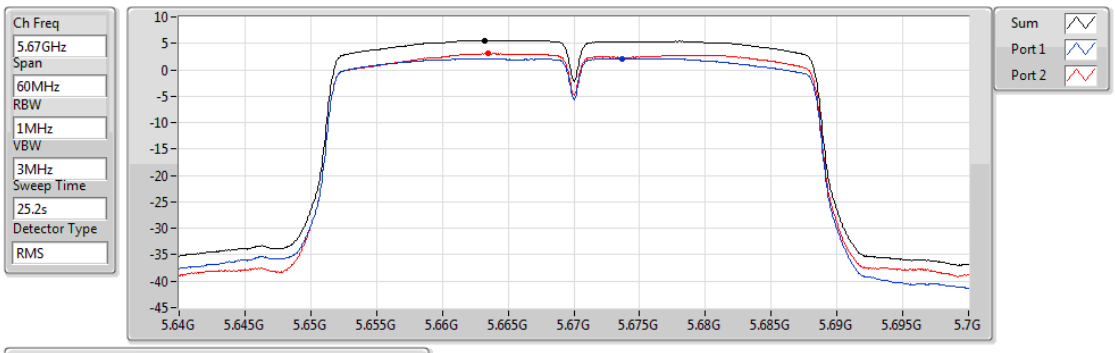
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	2.80	3.22

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

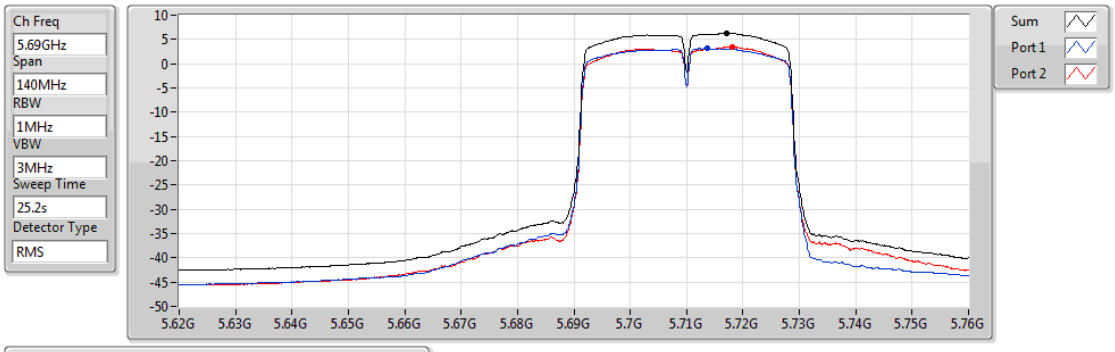
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	2.08	3.04

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

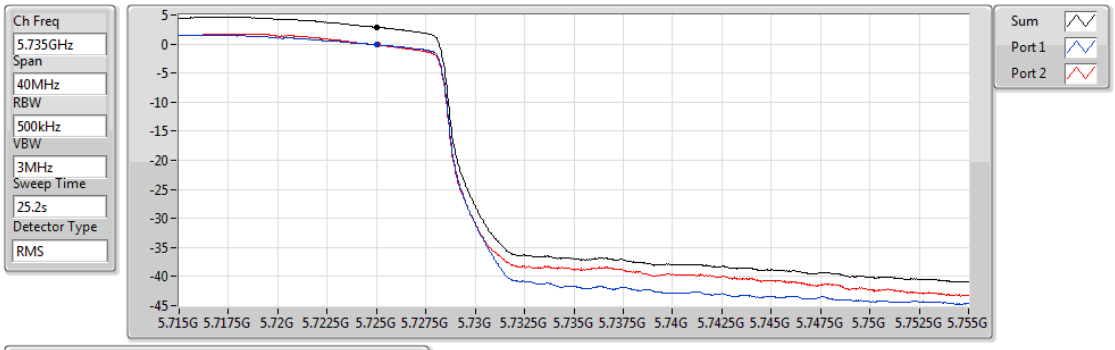
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	3.11	3.41

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

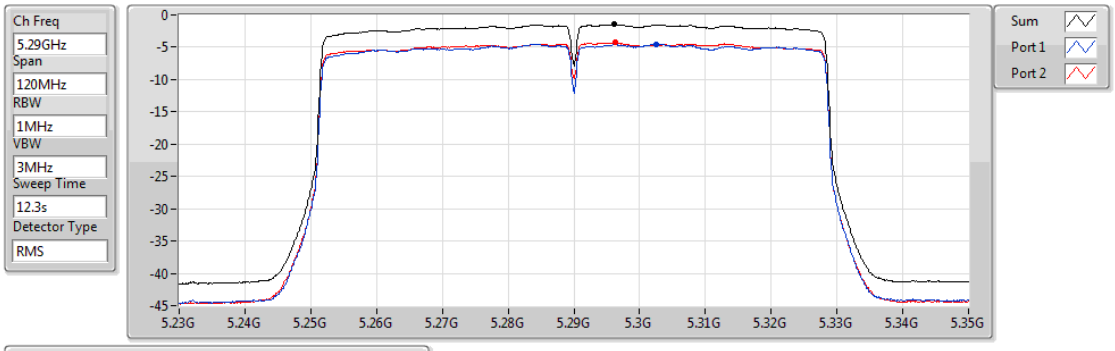
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-0.12	-0.16

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

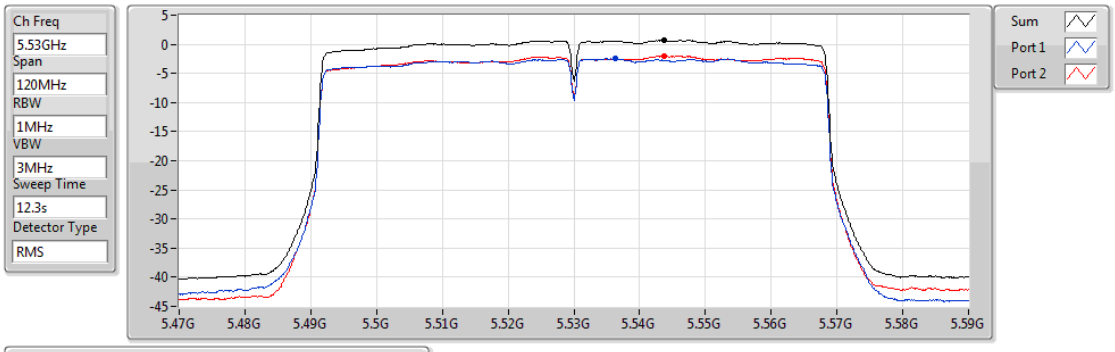
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.44	-1.44	-4.51	-4.30

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

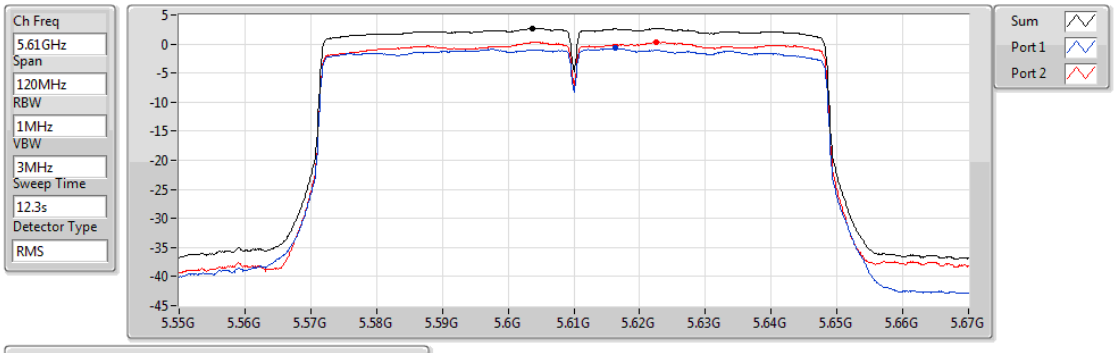
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-2.44	-1.99

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

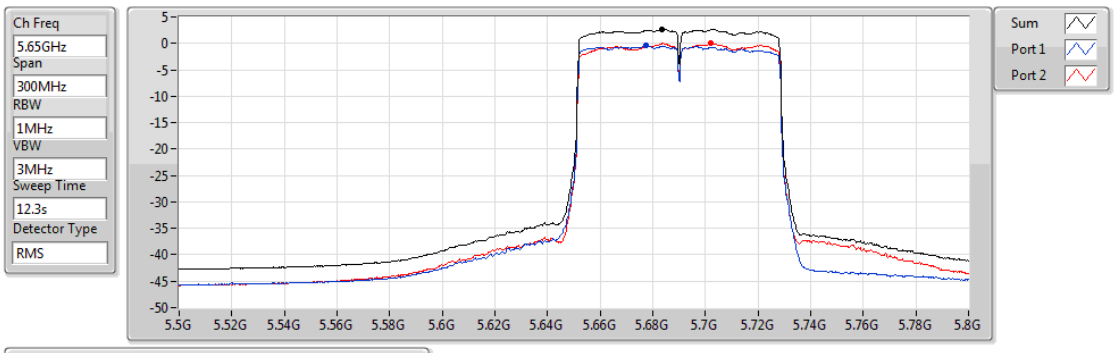
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-0.71	0.29

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

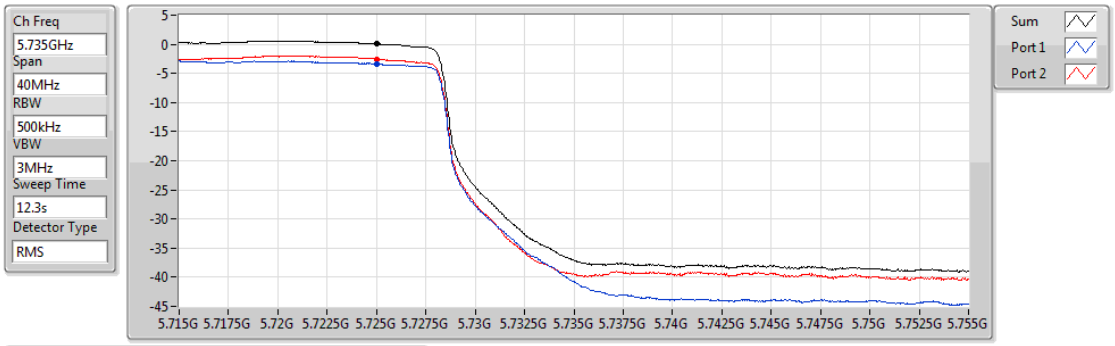
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.73	2.73	-0.45	0.00

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

5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	-3.36	-2.53

Summary

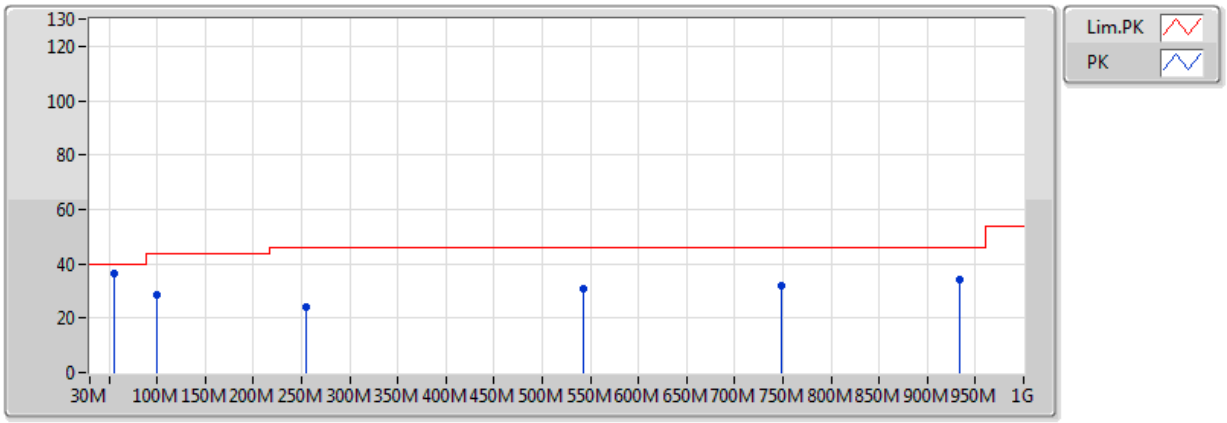
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	55.22M	36.53	40.00	-3.47	-14.22	3	Vertical	0	1.00	-

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 VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	PK	37.76M	33.03	40.00	-6.97	-8.27	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	138.64M	27.22	43.50	-16.28	-9.64	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	262.8M	24.83	46.00	-21.17	-6.53	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	336.52M	26.79	46.00	-19.21	-5.96	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	730.34M	35.90	46.00	-10.10	0.29	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	932.1M	33.86	46.00	-12.14	3.07	3	Horizontal	360	1.00	-
5290MHz	Pass	PK	55.22M	36.53	40.00	-3.47	-14.22	3	Vertical	0	1.00	-
5290MHz	Pass	PK	99.84M	28.57	43.50	-14.93	-10.37	3	Vertical	0	1.00	-
5290MHz	Pass	PK	255.04M	24.10	46.00	-21.90	-7.03	3	Vertical	0	1.00	-
5290MHz	Pass	PK	542.16M	30.86	46.00	-15.14	-1.34	3	Vertical	0	1.00	-
5290MHz	Pass	PK	747.8M	31.87	46.00	-14.13	0.65	3	Vertical	0	1.00	-
5290MHz	Pass	PK	934.04M	34.14	46.00	-11.86	3.07	3	Vertical	0	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_PoE

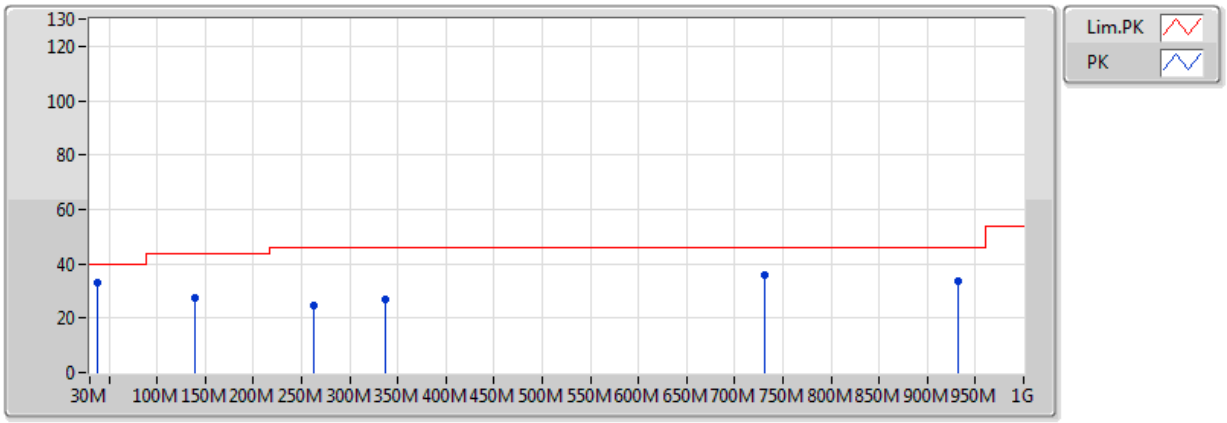


EUT= Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	55.22M	36.53	40.00	-3.47	-14.22	3	Vertical	0	1.00	-	50.75	12.27	1.09	27.58
PK	99.84M	28.57	43.50	-14.93	-10.37	3	Vertical	0	1.00	-	38.94	16.00	1.44	27.81
PK	255.04M	24.10	46.00	-21.90	-7.03	3	Vertical	0	1.00	-	31.13	18.05	2.24	27.31
PK	542.16M	30.86	46.00	-15.14	-1.34	3	Vertical	0	1.00	-	32.20	23.62	3.57	28.52
PK	747.8M	31.87	46.00	-14.13	0.65	3	Vertical	0	1.00	-	31.22	24.71	4.17	28.23
PK	934.04M	34.14	46.00	-11.86	3.07	3	Vertical	0	1.00	-	31.07	25.67	4.92	27.51

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_PoE



EUT= Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	33.03	40.00	-6.97	-8.27	3	Horizontal	360	1.00	-	41.30	18.63	0.84	27.74
PK	138.64M	27.22	43.50	-16.28	-9.64	3	Horizontal	360	1.00	-	36.86	16.24	1.79	27.67
PK	262.8M	24.83	46.00	-21.17	-6.53	3	Horizontal	360	1.00	-	31.36	18.47	2.29	27.29
PK	336.52M	26.79	46.00	-19.21	-5.96	3	Horizontal	360	1.00	-	32.75	18.93	2.58	27.48
PK	730.34M	35.90	46.00	-10.10	0.29	3	Horizontal	360	1.00	-	35.61	24.44	4.14	28.29
PK	932.1M	33.86	46.00	-12.14	3.07	3	Horizontal	360	1.00	-	30.79	25.66	4.93	27.52

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)_2TX	Pass	AV	5.3502G	53.30	54.00	-0.70	7.10	3	Vertical	304	1.76	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.3586G	53.12	54.00	-0.88	7.11	3	Vertical	305	1.68	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.15	54.00	-0.85	7.10	3	Vertical	304	1.74	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.351G	52.98	54.00	-1.02	7.10	3	Vertical	306	1.64	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4696G	67.41	68.20	-0.79	7.17	3	Vertical	310	1.66	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.4656G	67.31	68.20	-0.89	7.16	3	Vertical	311	1.65	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.4632G	67.50	68.20	-0.70	7.16	3	Vertical	310	1.67	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.8556G	67.46	68.20	-0.74	7.84	3	Vertical	316	1.71	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1196G	46.13	54.00	-7.87	6.98	3	Vertical	306	1.74	-
5260MHz	Pass	AV	5.2606G	114.06	Inf	-Inf	7.06	3	Vertical	306	1.74	-
5260MHz	Pass	AV	5.3554G	46.64	54.00	-7.36	7.11	3	Vertical	306	1.74	-
5260MHz	Pass	PK	5.1364G	58.30	74.00	-15.70	6.99	3	Vertical	306	1.74	-
5260MHz	Pass	PK	5.266G	124.99	Inf	-Inf	7.06	3	Vertical	306	1.74	-
5260MHz	Pass	PK	5.4094G	59.33	74.00	-14.67	7.14	3	Vertical	306	1.74	-
5260MHz	Pass	AV	15.79434G	43.77	54.00	-10.23	15.90	3	Horizontal	79	1.18	-
5260MHz	Pass	PK	15.79008G	56.82	74.00	-17.18	15.91	3	Horizontal	79	1.18	-
5260MHz	Pass	AV	15.79338G	43.70	54.00	-10.30	15.90	3	Vertical	260	1.09	-
5260MHz	Pass	PK	15.78276G	57.51	74.00	-16.49	15.94	3	Vertical	260	1.09	-
5300MHz	Pass	AV	5.3012G	112.28	Inf	-Inf	7.07	3	Vertical	306	1.74	-
5300MHz	Pass	AV	5.3504G	53.03	54.00	-0.97	7.10	3	Vertical	306	1.74	-
5300MHz	Pass	PK	5.3056G	122.53	Inf	-Inf	7.08	3	Vertical	306	1.74	-
5300MHz	Pass	PK	5.350005G	68.14	74.00	-5.86	7.10	3	Vertical	306	1.74	-
5300MHz	Pass	AV	15.90702G	45.45	54.00	-8.55	15.49	3	Horizontal	3	2.07	-
5300MHz	Pass	PK	15.91026G	58.90	74.00	-15.10	15.48	3	Horizontal	3	2.07	-
5300MHz	Pass	AV	15.91248G	45.43	54.00	-8.57	15.47	3	Vertical	203	1.11	-
5300MHz	Pass	PK	15.90888G	59.02	74.00	-14.98	15.48	3	Vertical	203	1.11	-
5320MHz	Pass	AV	5.3154G	107.83	Inf	-Inf	7.08	3	Vertical	304	1.76	-
5320MHz	Pass	AV	5.3502G	53.30	54.00	-0.70	7.10	3	Vertical	304	1.76	-
5320MHz	Pass	PK	5.3256G	117.96	Inf	-Inf	7.09	3	Vertical	304	1.76	-
5320MHz	Pass	PK	5.3506G	66.83	74.00	-7.17	7.10	3	Vertical	304	1.76	-
5320MHz	Pass	AV	10.6256G	42.22	54.00	-11.78	16.72	3	Horizontal	102	1.15	-
5320MHz	Pass	PK	10.62902G	56.11	74.00	-17.89	16.73	3	Horizontal	102	1.15	-
5320MHz	Pass	AV	10.62524G	42.38	54.00	-11.62	16.72	3	Vertical	52	1.96	-
5320MHz	Pass	PK	10.64432G	55.37	74.00	-18.63	16.76	3	Vertical	52	1.96	-
5500MHz	Pass	AV	5.46G	50.10	54.00	-3.90	7.16	3	Vertical	310	1.66	-
5500MHz	Pass	AV	5.5052G	108.99	Inf	-Inf	7.19	3	Vertical	310	1.66	-
5500MHz	Pass	PK	5.4598G	65.62	74.00	-8.38	7.16	3	Vertical	310	1.66	-
5500MHz	Pass	PK	5.4696G	67.41	68.20	-0.79	7.17	3	Vertical	310	1.66	-
5500MHz	Pass	PK	5.5056G	119.71	Inf	-Inf	7.19	3	Vertical	310	1.66	-
5500MHz	Pass	AV	10.9853G	42.08	54.00	-11.92	17.35	3	Horizontal	323	1.44	-
5500MHz	Pass	PK	10.98758G	55.45	74.00	-18.55	17.36	3	Horizontal	323	1.44	-
5500MHz	Pass	AV	10.98812G	42.15	54.00	-11.85	17.36	3	Vertical	278	1.50	-
5500MHz	Pass	PK	11.00294G	55.01	74.00	-18.99	17.38	3	Vertical	278	1.50	-
5580MHz	Pass	AV	5.4474G	46.70	54.00	-7.30	7.15	3	Vertical	309	1.62	-
5580MHz	Pass	AV	5.5854G	113.27	Inf	-Inf	7.34	3	Vertical	309	1.62	-
5580MHz	Pass	PK	5.4396G	58.79	74.00	-15.21	7.15	3	Vertical	309	1.62	-
5580MHz	Pass	PK	5.4618G	59.19	68.20	-9.01	7.16	3	Vertical	309	1.62	-
5580MHz	Pass	PK	5.5854G	123.64	Inf	-Inf	7.34	3	Vertical	309	1.62	-
5580MHz	Pass	PK	5.7282G	58.26	68.20	-9.94	7.60	3	Vertical	309	1.62	-
5580MHz	Pass	AV	16.73964G	49.53	54.00	-4.47	17.49	3	Horizontal	156	1.63	-
5580MHz	Pass	PK	16.73472G	63.52	74.00	-10.48	17.47	3	Horizontal	156	1.63	-
5580MHz	Pass	AV	16.7403G	48.21	54.00	-5.79	17.49	3	Vertical	186	1.41	-
5580MHz	Pass	PK	16.74636G	63.20	74.00	-10.80	17.51	3	Vertical	186	1.41	-
5700MHz	Pass	AV	5.7052G	106.33	Inf	-Inf	7.55	3	Vertical	313	1.69	-
5700MHz	Pass	AV	5.726G	53.02	Inf	-Inf	7.59	3	Vertical	313	1.69	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5700MHz	Pass	PK	5.7056G	116.78	Inf	-Inf	7.55	3	Vertical	313	1.69	-
5700MHz	Pass	PK	5.7256G	67.32	68.20	-0.88	7.59	3	Vertical	313	1.69	-
5700MHz	Pass	AV	11.41284G	42.19	54.00	-11.81	16.91	3	Horizontal	334	1.33	-
5700MHz	Pass	PK	11.40348G	55.28	74.00	-18.72	16.92	3	Horizontal	334	1.33	-
5700MHz	Pass	AV	11.41278G	42.20	54.00	-11.80	16.91	3	Vertical	129	2.37	-
5700MHz	Pass	PK	11.38812G	54.80	74.00	-19.20	16.93	3	Vertical	129	2.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	46.10	54.00	-7.90	7.14	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	112.86	Inf	-Inf	7.59	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4284G	58.03	74.00	-15.97	7.15	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	58.15	68.20	-10.05	7.16	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	123.35	Inf	-Inf	7.59	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8988G	59.16	68.20	-9.04	7.92	3	Vertical	245	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.16414G	50.73	54.00	-3.27	19.55	3	Horizontal	161	1.67	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16924G	65.06	74.00	-8.94	19.59	3	Horizontal	161	1.67	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.15946G	49.98	54.00	-4.02	19.52	3	Vertical	166	1.66	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16882G	63.86	74.00	-10.14	19.59	3	Vertical	166	1.66	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1358G	46.21	54.00	-7.79	6.99	3	Vertical	305	1.74	-
5260MHz	Pass	AV	5.263G	115.37	Inf	-Inf	7.06	3	Vertical	305	1.74	-
5260MHz	Pass	AV	5.3566G	46.90	54.00	-7.10	7.11	3	Vertical	305	1.74	-
5260MHz	Pass	PK	5.14G	58.40	74.00	-15.60	6.99	3	Vertical	305	1.74	-
5260MHz	Pass	PK	5.2618G	125.57	Inf	-Inf	7.06	3	Vertical	305	1.74	-
5260MHz	Pass	PK	5.3668G	59.42	74.00	-14.58	7.11	3	Vertical	305	1.74	-
5260MHz	Pass	AV	15.79374G	43.69	54.00	-10.31	15.90	3	Horizontal	31	1.69	-
5260MHz	Pass	PK	15.77814G	56.81	74.00	-17.19	15.96	3	Horizontal	31	1.69	-
5260MHz	Pass	AV	15.79062G	43.52	54.00	-10.48	15.91	3	Vertical	121	2.27	-
5260MHz	Pass	PK	15.79236G	57.64	74.00	-16.36	15.90	3	Vertical	121	2.27	-
5300MHz	Pass	AV	5.3032G	113.96	Inf	-Inf	7.08	3	Vertical	306	1.67	-
5300MHz	Pass	AV	5.350005G	52.96	54.00	-1.04	7.10	3	Vertical	306	1.67	-
5300MHz	Pass	PK	5.302G	125.67	Inf	-Inf	7.08	3	Vertical	306	1.67	-
5300MHz	Pass	PK	5.350005G	69.52	74.00	-4.48	7.10	3	Vertical	306	1.67	-
5300MHz	Pass	AV	15.8964G	45.98	54.00	-8.02	15.53	3	Horizontal	167	1.50	-
5300MHz	Pass	PK	15.89514G	59.38	74.00	-14.62	15.53	3	Horizontal	167	1.50	-
5300MHz	Pass	AV	15.91434G	45.38	54.00	-8.62	15.46	3	Vertical	5	2.12	-
5300MHz	Pass	PK	15.88776G	58.84	74.00	-15.16	15.56	3	Vertical	5	2.12	-
5320MHz	Pass	AV	5.322G	110.20	Inf	-Inf	7.09	3	Vertical	305	1.68	-
5320MHz	Pass	AV	5.3586G	53.12	54.00	-0.88	7.11	3	Vertical	305	1.68	-
5320MHz	Pass	PK	5.3216G	121.86	Inf	-Inf	7.09	3	Vertical	305	1.68	-
5320MHz	Pass	PK	5.359G	68.89	74.00	-5.11	7.11	3	Vertical	305	1.68	-
5320MHz	Pass	AV	10.62602G	42.32	54.00	-11.68	16.73	3	Horizontal	30	1.96	-
5320MHz	Pass	PK	10.63028G	56.02	74.00	-17.98	16.73	3	Horizontal	30	1.96	-
5320MHz	Pass	AV	10.63142G	42.32	54.00	-11.68	16.73	3	Vertical	341	1.21	-
5320MHz	Pass	PK	10.63394G	55.92	74.00	-18.08	16.74	3	Vertical	341	1.21	-
5500MHz	Pass	AV	5.46G	50.50	54.00	-3.50	7.16	3	Vertical	311	1.65	-
5500MHz	Pass	AV	5.503G	108.78	Inf	-Inf	7.19	3	Vertical	311	1.65	-
5500MHz	Pass	PK	5.4592G	63.99	74.00	-10.01	7.16	3	Vertical	311	1.65	-
5500MHz	Pass	PK	5.4656G	67.31	68.20	-0.89	7.16	3	Vertical	311	1.65	-
5500MHz	Pass	PK	5.5018G	119.90	Inf	-Inf	7.18	3	Vertical	311	1.65	-
5500MHz	Pass	AV	10.98548G	42.17	54.00	-11.83	17.35	3	Horizontal	8	1.12	-

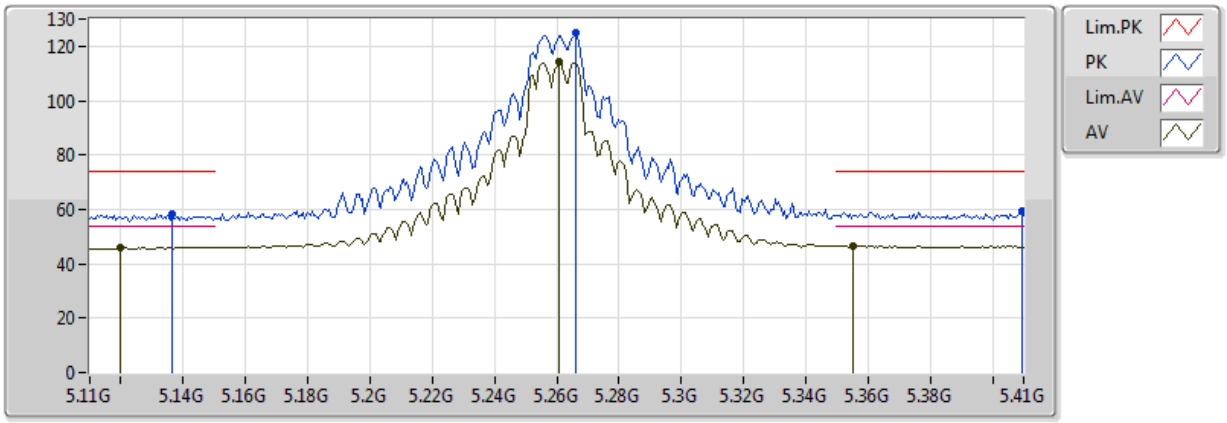
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	10.99772G	55.71	74.00	-18.29	17.38	3	Horizontal	8	1.12	-
5500MHz	Pass	AV	10.98902G	42.18	54.00	-11.82	17.36	3	Vertical	108	2.03	-
5500MHz	Pass	PK	11.01206G	55.35	74.00	-18.65	17.37	3	Vertical	108	2.03	-
5580MHz	Pass	AV	5.448G	46.80	54.00	-7.20	7.16	3	Vertical	308	1.65	-
5580MHz	Pass	AV	5.5818G	113.26	Inf	-Inf	7.33	3	Vertical	308	1.65	-
5580MHz	Pass	PK	5.4336G	60.04	74.00	-13.96	7.15	3	Vertical	308	1.65	-
5580MHz	Pass	PK	5.4666G	61.39	68.20	-6.81	7.16	3	Vertical	308	1.65	-
5580MHz	Pass	PK	5.5818G	124.42	Inf	-Inf	7.33	3	Vertical	308	1.65	-
5580MHz	Pass	PK	5.7252G	58.37	68.20	-9.83	7.59	3	Vertical	308	1.65	-
5580MHz	Pass	AV	16.73634G	48.93	54.00	-5.07	17.48	3	Horizontal	232	1.60	-
5580MHz	Pass	PK	16.73628G	62.83	74.00	-11.17	17.48	3	Horizontal	232	1.60	-
5580MHz	Pass	AV	16.74222G	47.94	54.00	-6.06	17.50	3	Vertical	189	1.47	-
5580MHz	Pass	PK	16.73796G	62.04	74.00	-11.96	17.48	3	Vertical	189	1.47	-
5700MHz	Pass	AV	5.7032G	106.71	Inf	-Inf	7.55	3	Vertical	315	1.67	-
5700MHz	Pass	PK	5.702G	117.09	Inf	-Inf	7.55	3	Vertical	315	1.67	-
5700MHz	Pass	PK	5.7252G	67.30	68.20	-0.90	7.59	3	Vertical	315	1.67	-
5700MHz	Pass	AV	11.415G	42.41	54.00	-11.59	16.90	3	Horizontal	252	2.45	-
5700MHz	Pass	PK	11.39142G	55.13	74.00	-18.87	16.93	3	Horizontal	252	2.45	-
5700MHz	Pass	AV	11.4096G	42.35	54.00	-11.65	16.91	3	Vertical	54	1.80	-
5700MHz	Pass	PK	11.38632G	55.91	74.00	-18.09	16.94	3	Vertical	54	1.80	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	45.97	54.00	-8.03	7.14	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	113.38	Inf	-Inf	7.59	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4296G	57.65	74.00	-16.35	7.15	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	58.02	68.20	-10.18	7.17	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	124.31	Inf	-Inf	7.59	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8592G	59.70	68.20	-8.50	7.84	3	Vertical	316	1.71	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.15844G	50.64	54.00	-3.36	19.51	3	Horizontal	160	1.62	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15862G	65.01	74.00	-8.99	19.51	3	Horizontal	160	1.62	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1609G	50.38	54.00	-3.62	19.53	3	Vertical	189	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16132G	64.65	74.00	-9.35	19.53	3	Vertical	189	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2732G	109.08	Inf	-Inf	7.06	3	Vertical	308	1.65	-
5270MHz	Pass	AV	5.3524G	53.00	54.00	-1.00	7.10	3	Vertical	308	1.65	-
5270MHz	Pass	PK	5.2736G	119.15	Inf	-Inf	7.06	3	Vertical	308	1.65	-
5270MHz	Pass	PK	5.3512G	67.11	74.00	-6.89	7.10	3	Vertical	308	1.65	-
5270MHz	Pass	AV	15.80622G	43.69	54.00	-10.31	15.85	3	Horizontal	179	2.18	-
5270MHz	Pass	PK	15.81234G	58.13	74.00	-15.87	15.83	3	Horizontal	179	2.18	-
5270MHz	Pass	AV	15.79524G	43.66	54.00	-10.34	15.89	3	Vertical	24	1.00	-
5270MHz	Pass	PK	15.81012G	57.12	74.00	-16.88	15.84	3	Vertical	24	1.00	-
5310MHz	Pass	AV	5.3116G	102.51	Inf	-Inf	7.08	3	Vertical	304	1.74	-
5310MHz	Pass	AV	5.350005G	53.15	54.00	-0.85	7.10	3	Vertical	304	1.74	-
5310MHz	Pass	PK	5.3124G	112.14	Inf	-Inf	7.08	3	Vertical	304	1.74	-
5310MHz	Pass	PK	5.350005G	65.59	74.00	-8.41	7.10	3	Vertical	304	1.74	-
5310MHz	Pass	AV	11.00554G	41.94	54.00	-12.06	17.37	3	Horizontal	74	2.41	-
5310MHz	Pass	PK	11.03236G	55.73	74.00	-18.27	17.34	3	Horizontal	74	2.41	-
5310MHz	Pass	AV	11.01832G	41.95	54.00	-12.05	17.36	3	Vertical	83	1.29	-
5310MHz	Pass	PK	11.01436G	55.27	74.00	-18.73	17.36	3	Vertical	83	1.29	-
5510MHz	Pass	AV	5.454G	50.81	54.00	-3.19	7.16	3	Vertical	310	1.65	-
5510MHz	Pass	AV	5.5116G	104.14	Inf	-Inf	7.20	3	Vertical	310	1.65	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	PK	5.4564G	64.52	74.00	-9.48	7.16	3	Vertical	310	1.65	-
5510MHz	Pass	PK	5.4684G	67.48	68.20	-0.72	7.16	3	Vertical	310	1.65	-
5510MHz	Pass	PK	5.5112G	113.87	Inf	-Inf	7.20	3	Vertical	310	1.65	-
5510MHz	Pass	AV	11.00572G	41.90	54.00	-12.10	17.37	3	Horizontal	82	2.42	-
5510MHz	Pass	PK	11.0203G	56.07	74.00	-17.93	17.36	3	Horizontal	82	2.42	-
5510MHz	Pass	AV	11.03074G	41.98	54.00	-12.02	17.34	3	Vertical	168	1.65	-
5510MHz	Pass	PK	11.02726G	55.01	74.00	-18.99	17.35	3	Vertical	168	1.65	-
5550MHz	Pass	AV	5.4584G	52.10	54.00	-1.90	7.16	3	Vertical	310	1.67	-
5550MHz	Pass	AV	5.5516G	108.69	Inf	-Inf	7.27	3	Vertical	310	1.67	-
5550MHz	Pass	PK	5.4596G	65.93	74.00	-8.07	7.16	3	Vertical	310	1.67	-
5550MHz	Pass	PK	5.4632G	67.50	68.20	-0.70	7.16	3	Vertical	310	1.67	-
5550MHz	Pass	PK	5.552G	118.43	Inf	-Inf	7.27	3	Vertical	310	1.67	-
5550MHz	Pass	AV	11.35344G	41.95	54.00	-12.05	16.97	3	Horizontal	29	1.95	-
5550MHz	Pass	PK	11.34768G	55.78	74.00	-18.22	16.98	3	Horizontal	29	1.95	-
5550MHz	Pass	AV	11.34504G	42.01	54.00	-11.99	16.98	3	Vertical	295	1.90	-
5550MHz	Pass	PK	11.33904G	55.39	74.00	-18.61	16.99	3	Vertical	295	1.90	-
5670MHz	Pass	AV	5.6766G	105.29	Inf	-Inf	7.50	3	Vertical	316	1.65	-
5670MHz	Pass	AV	5.7336G	52.57	Inf	-Inf	7.61	3	Vertical	316	1.65	-
5670MHz	Pass	PK	5.6772G	115.17	Inf	-Inf	7.50	3	Vertical	316	1.65	-
5670MHz	Pass	PK	5.7318G	67.34	68.20	-0.86	7.61	3	Vertical	316	1.65	-
5670MHz	Pass	AV	11.34714G	41.99	54.00	-12.01	16.98	3	Horizontal	141	1.11	-
5670MHz	Pass	PK	11.34222G	55.33	74.00	-18.67	16.99	3	Horizontal	141	1.11	-
5670MHz	Pass	AV	11.34744G	42.04	54.00	-11.96	16.98	3	Vertical	111	1.79	-
5670MHz	Pass	PK	11.32848G	55.20	74.00	-18.80	17.00	3	Vertical	111	1.79	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4592G	45.97	54.00	-8.03	7.16	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7076G	109.35	Inf	-Inf	7.56	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4508G	59.44	74.00	-14.56	7.16	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4628G	58.53	68.20	-9.67	7.16	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7076G	119.03	Inf	-Inf	7.56	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8636G	59.49	68.20	-8.71	7.85	3	Vertical	310	1.65	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.43266G	42.52	54.00	-11.48	16.88	3	Horizontal	252	1.03	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40962G	56.03	74.00	-17.97	16.91	3	Horizontal	252	1.03	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.4332G	42.46	54.00	-11.54	16.88	3	Vertical	219	2.39	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41436G	56.38	74.00	-17.62	16.90	3	Vertical	219	2.39	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.149995G	47.10	54.00	-6.90	7.00	3	Vertical	306	1.64	-
5290MHz	Pass	AV	5.272G	97.95	Inf	-Inf	7.06	3	Vertical	306	1.64	-
5290MHz	Pass	AV	5.351G	52.98	54.00	-1.02	7.10	3	Vertical	306	1.64	-
5290MHz	Pass	PK	5.066G	59.36	74.00	-14.64	6.95	3	Vertical	306	1.64	-
5290MHz	Pass	PK	5.273G	108.12	Inf	-Inf	7.06	3	Vertical	306	1.64	-
5290MHz	Pass	PK	5.354G	65.81	74.00	-8.19	7.11	3	Vertical	306	1.64	-
5290MHz	Pass	AV	15.885G	45.04	54.00	-8.96	15.57	3	Horizontal	52	1.61	-
5290MHz	Pass	PK	15.88392G	58.49	74.00	-15.51	15.57	3	Horizontal	52	1.61	-
5290MHz	Pass	AV	15.88428G	45.17	54.00	-8.83	15.57	3	Vertical	63	1.33	-
5290MHz	Pass	PK	15.85878G	58.37	74.00	-15.63	15.66	3	Vertical	63	1.33	-
5530MHz	Pass	AV	5.45G	53.22	54.00	-0.78	7.16	3	Vertical	311	1.67	-
5530MHz	Pass	AV	5.532G	100.33	Inf	-Inf	7.24	3	Vertical	311	1.67	-
5530MHz	Pass	PK	5.458G	66.01	74.00	-7.99	7.16	3	Vertical	311	1.67	-
5530MHz	Pass	PK	5.468G	67.37	68.20	-0.83	7.16	3	Vertical	311	1.67	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	PK	5.513G	109.97	Inf	-Inf	7.20	3	Vertical	311	1.67	-
5530MHz	Pass	PK	5.748G	59.06	68.20	-9.14	7.64	3	Vertical	311	1.67	-
5530MHz	Pass	AV	11.07278G	42.06	54.00	-11.94	17.30	3	Vertical	306	1.67	-
5530MHz	Pass	AV	11.07296G	42.04	54.00	-11.96	17.30	3	Vertical	82	1.35	-
5530MHz	Pass	PK	11.04704G	55.59	74.00	-18.41	17.33	3	Vertical	306	1.67	-
5530MHz	Pass	PK	11.05046G	55.77	74.00	-18.23	17.32	3	Vertical	82	1.35	-
5610MHz	Pass	AV	5.453G	49.74	54.00	-4.26	7.16	3	Vertical	312	1.57	-
5610MHz	Pass	AV	5.612G	102.66	Inf	-Inf	7.38	3	Vertical	312	1.57	-
5610MHz	Pass	PK	5.454G	62.29	74.00	-11.71	7.16	3	Vertical	312	1.57	-
5610MHz	Pass	PK	5.469G	63.75	68.20	-4.45	7.17	3	Vertical	312	1.57	-
5610MHz	Pass	PK	5.612G	112.74	Inf	-Inf	7.38	3	Vertical	312	1.57	-
5610MHz	Pass	PK	5.733G	67.34	68.20	-0.86	7.61	3	Vertical	312	1.57	-
5610MHz	Pass	AV	11.23122G	42.01	54.00	-11.99	17.11	3	Horizontal	292	1.37	-
5610MHz	Pass	PK	11.21184G	55.61	74.00	-18.39	17.14	3	Horizontal	292	1.37	-
5610MHz	Pass	AV	11.23014G	42.02	54.00	-11.98	17.12	3	Vertical	68	1.38	-
5610MHz	Pass	PK	11.2233G	54.48	74.00	-19.52	17.12	3	Vertical	68	1.38	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	47.23	54.00	-6.77	7.16	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	105.29	Inf	-Inf	7.57	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4572G	59.60	74.00	-14.40	7.16	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	59.94	68.20	-8.26	7.17	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	114.95	Inf	-Inf	7.57	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	67.46	68.20	-0.74	7.84	3	Vertical	316	1.71	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3896G	42.37	54.00	-11.63	16.93	3	Horizontal	13	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37286G	56.35	74.00	-17.65	16.95	3	Horizontal	13	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.41824G	42.61	54.00	-11.39	16.90	3	Vertical	172	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39312G	55.76	74.00	-18.24	16.93	3	Vertical	172	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

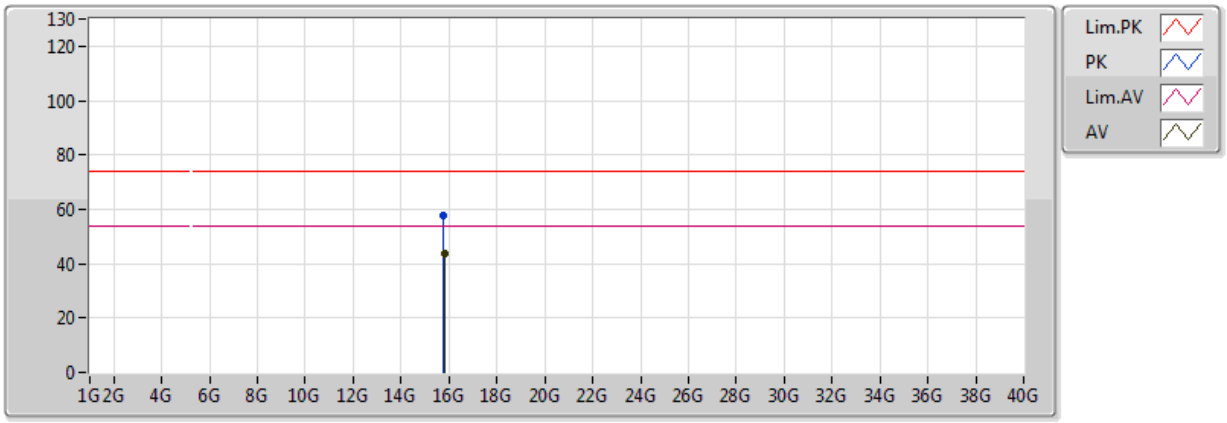


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	46.13	54.00	-7.87	6.98	3	Vertical	306	1.74	-	39.15	31.65	5.61	30.28
AV	5.2606G	114.06	Inf	-Inf	7.06	3	Vertical	306	1.74	-	107.01	31.70	5.64	30.29
AV	5.3554G	46.64	54.00	-7.36	7.11	3	Vertical	306	1.74	-	39.53	31.74	5.65	30.29
PK	5.1364G	58.30	74.00	-15.70	6.99	3	Vertical	306	1.74	-	51.31	31.65	5.62	30.28
PK	5.266G	124.99	Inf	-Inf	7.06	3	Vertical	306	1.74	-	117.93	31.71	5.64	30.29
PK	5.4094G	59.33	74.00	-14.67	7.14	3	Vertical	306	1.74	-	52.19	31.76	5.66	30.29

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

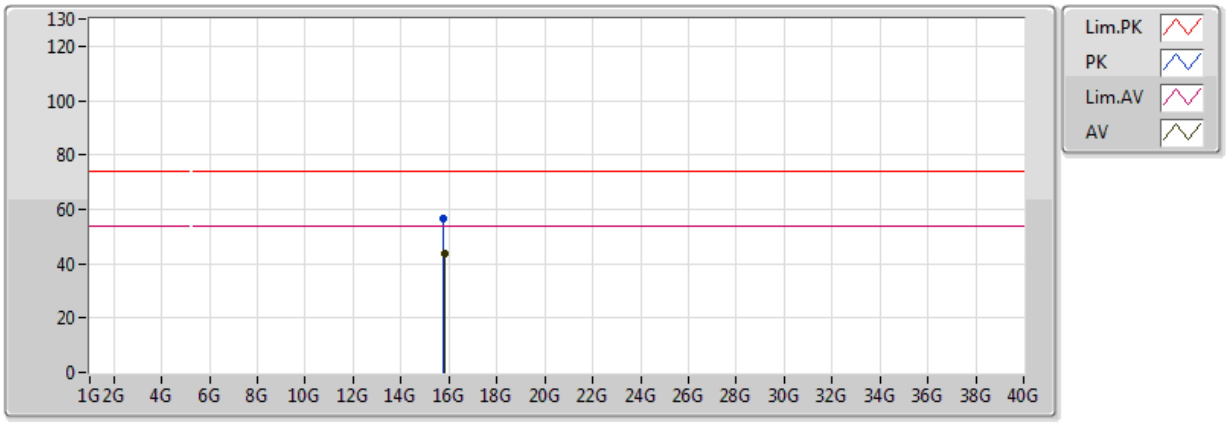


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.79338G	43.70	54.00	-10.30	15.90	3	Vertical	260	1.09	-	27.80	37.89	10.02	32.00
PK	15.78276G	57.51	74.00	-16.49	15.94	3	Vertical	260	1.09	-	41.57	37.93	10.02	32.00

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

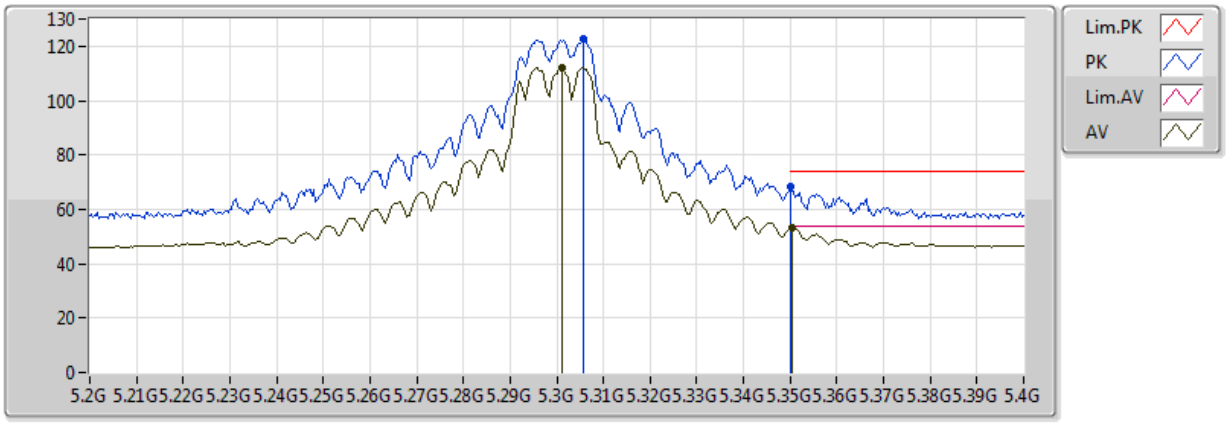


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.79434G	43.77	54.00	-10.23	15.90	3	Horizontal	79	1.18	-	27.88	37.88	10.02	32.00
PK	15.79008G	56.82	74.00	-17.18	15.91	3	Horizontal	79	1.18	-	40.91	37.90	10.02	32.00

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

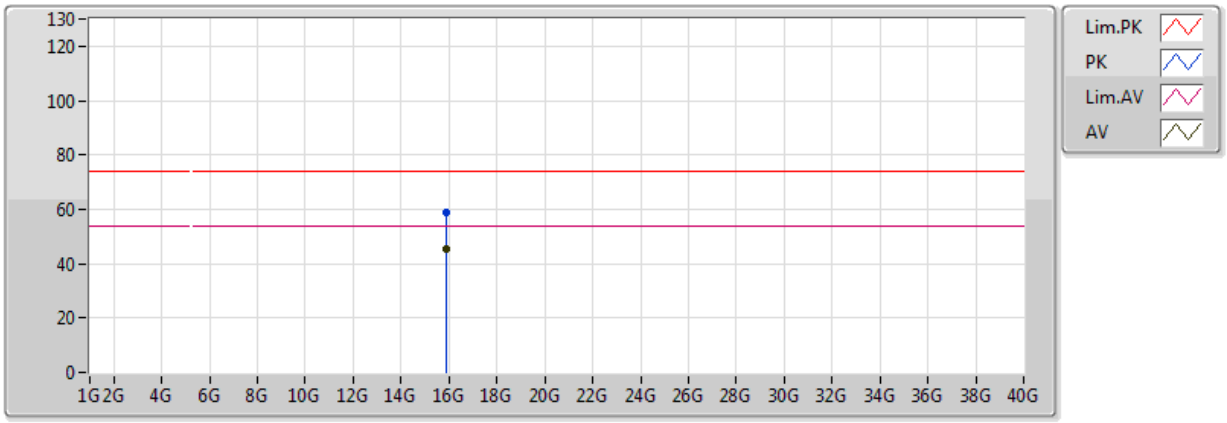


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3012G	112.28	Inf	-Inf	7.07	3	Vertical	306	1.74	-	105.20	31.72	5.64	30.29
AV	5.3504G	53.03	54.00	-0.97	7.10	3	Vertical	306	1.74	-	45.93	31.74	5.65	30.29
PK	5.3056G	122.53	Inf	-Inf	7.08	3	Vertical	306	1.74	-	115.45	31.72	5.64	30.29
PK	5.350005G	68.14	74.00	-5.86	7.10	3	Vertical	306	1.74	-	61.04	31.74	5.65	30.29

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

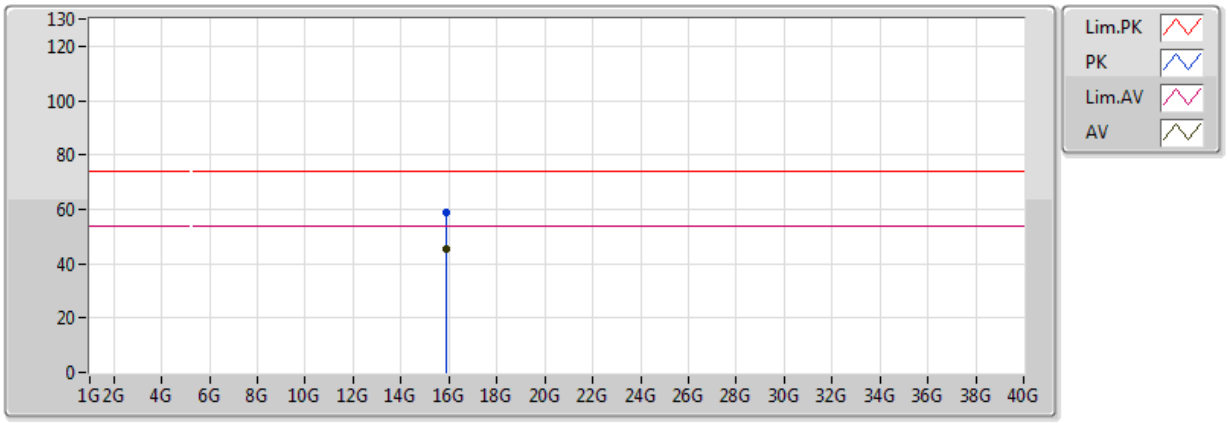


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.91248G	45.43	54.00	-8.57	15.47	3	Vertical	203	1.11	-	29.96	37.43	10.05	32.01
PK	15.90888G	59.02	74.00	-14.98	15.48	3	Vertical	203	1.11	-	43.54	37.45	10.05	32.01

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

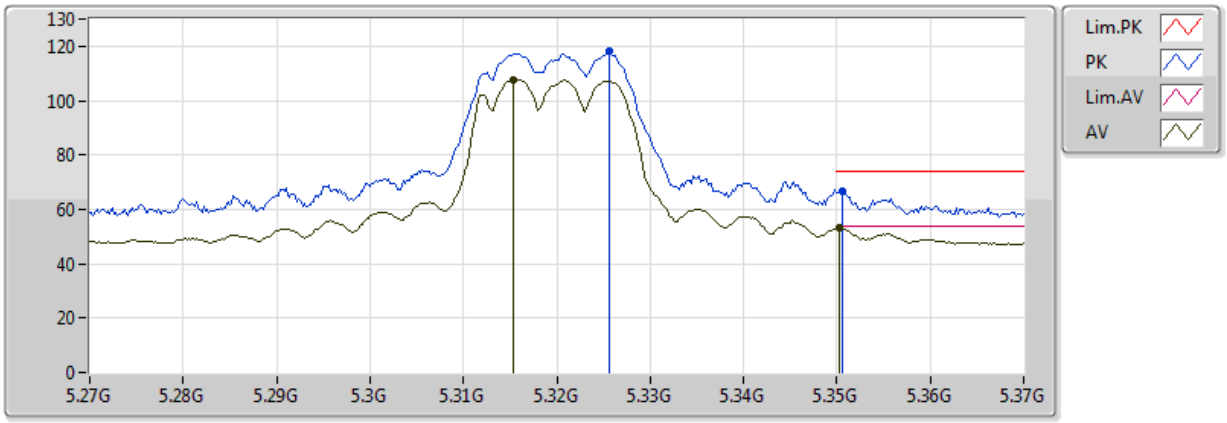


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90702G	45.45	54.00	-8.55	15.49	3	Horizontal	3	2.07	-	29.96	37.45	10.05	32.01
PK	15.91026G	58.90	74.00	-15.10	15.48	3	Horizontal	3	2.07	-	43.43	37.44	10.05	32.01

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

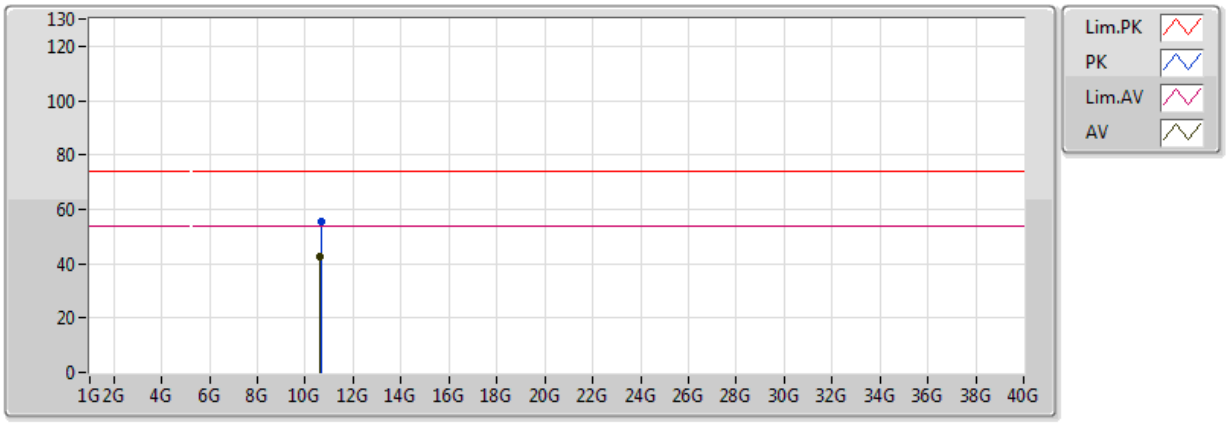


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3154G	107.83	Inf	-Inf	7.08	3	Vertical	304	1.76	-	100.75	31.73	5.64	30.29
AV	5.3502G	53.30	54.00	-0.70	7.10	3	Vertical	304	1.76	-	46.19	31.74	5.65	30.29
PK	5.3256G	117.96	Inf	-Inf	7.09	3	Vertical	304	1.76	-	110.87	31.73	5.65	30.29
PK	5.3506G	66.83	74.00	-7.17	7.10	3	Vertical	304	1.76	-	59.72	31.74	5.65	30.29

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

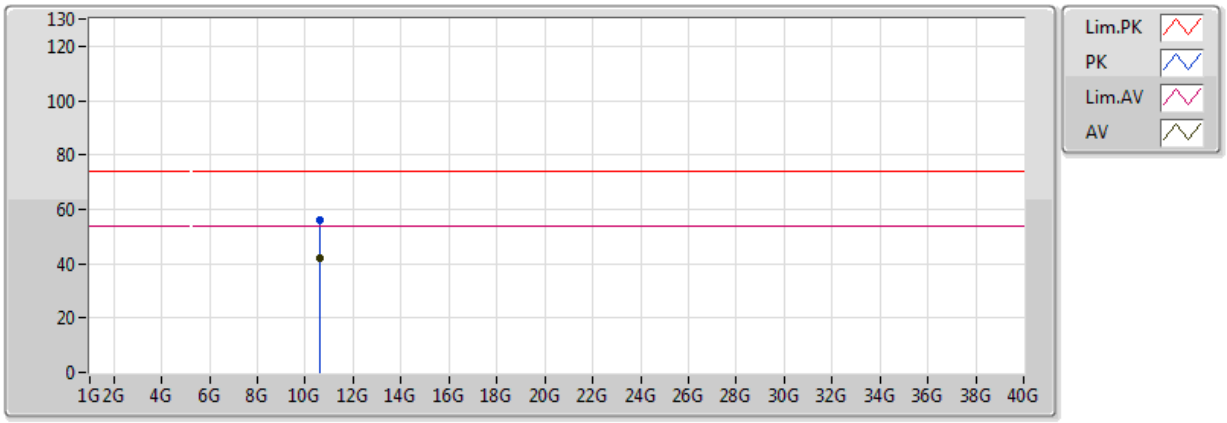


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62524G	42.38	54.00	-11.62	16.72	3	Vertical	52	1.96	-	25.66	39.88	8.05	31.20
PK	10.64432G	55.37	74.00	-18.63	16.76	3	Vertical	52	1.96	-	38.61	39.90	8.06	31.20

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

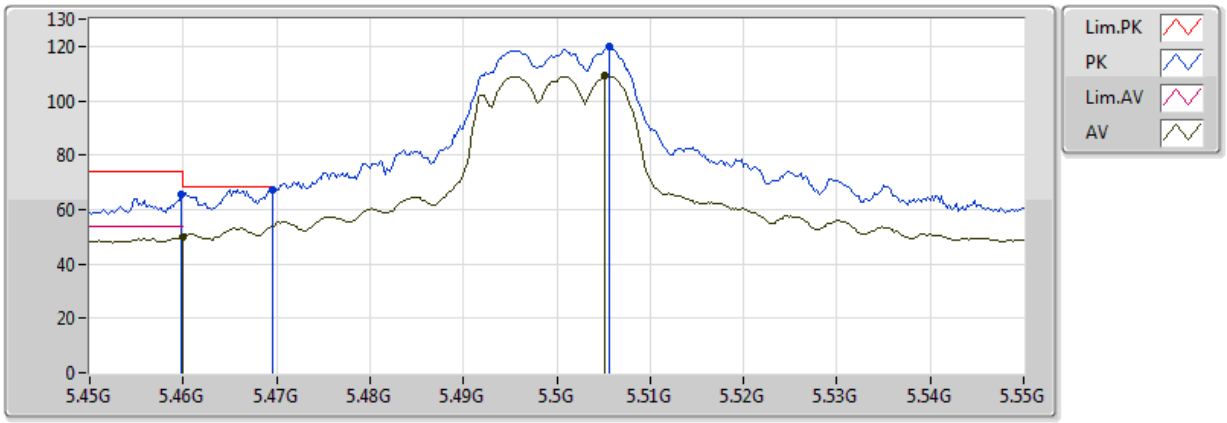


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6256G	42.22	54.00	-11.78	16.72	3	Horizontal	102	1.15	-	25.49	39.88	8.05	31.20
PK	10.62902G	56.11	74.00	-17.89	16.73	3	Horizontal	102	1.15	-	39.38	39.88	8.05	31.20

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

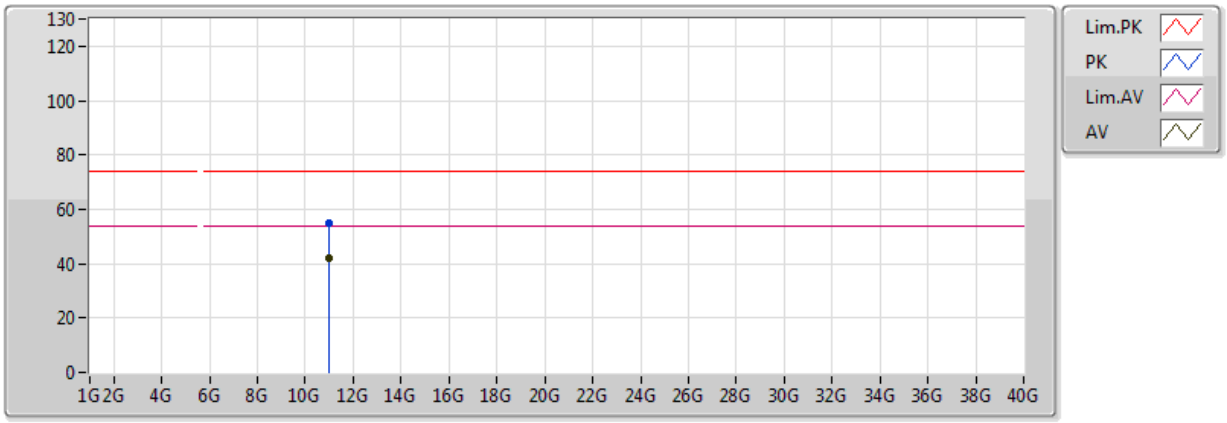


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	50.10	54.00	-3.90	7.16	3	Vertical	310	1.66	-	42.94	31.78	5.67	30.29
AV	5.5052G	108.99	Inf	-Inf	7.19	3	Vertical	310	1.66	-	101.80	31.81	5.67	30.29
PK	5.4598G	65.62	74.00	-8.38	7.16	3	Vertical	310	1.66	-	58.46	31.78	5.67	30.29
PK	5.4696G	67.41	68.20	-0.79	7.17	3	Vertical	310	1.66	-	60.25	31.79	5.67	30.29
PK	5.5056G	119.71	Inf	-Inf	7.19	3	Vertical	310	1.66	-	112.52	31.81	5.67	30.29

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

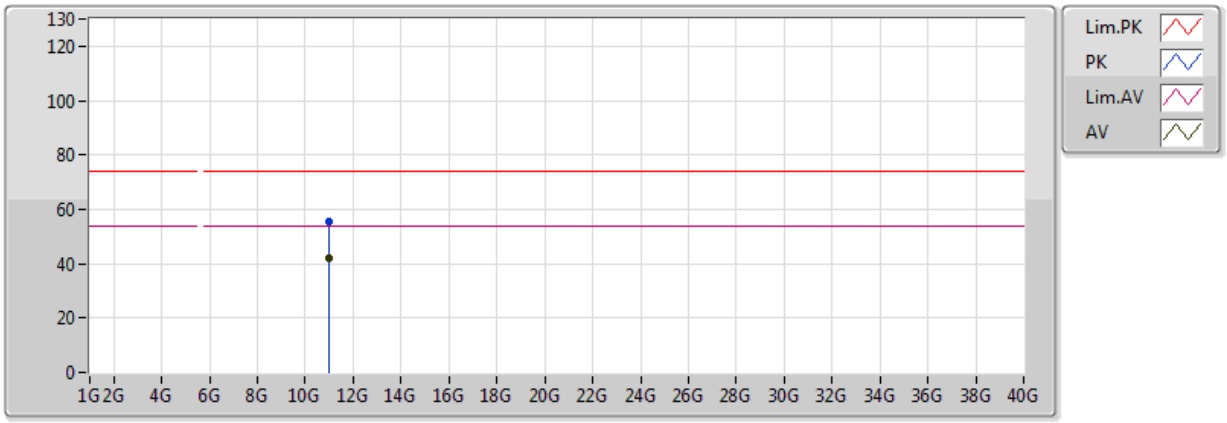


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.98812G	42.15	54.00	-11.85	17.36	3	Vertical	278	1.50	-	24.79	40.38	8.21	31.24
PK	11.00294G	55.01	74.00	-18.99	17.38	3	Vertical	278	1.50	-	37.64	40.40	8.22	31.24

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

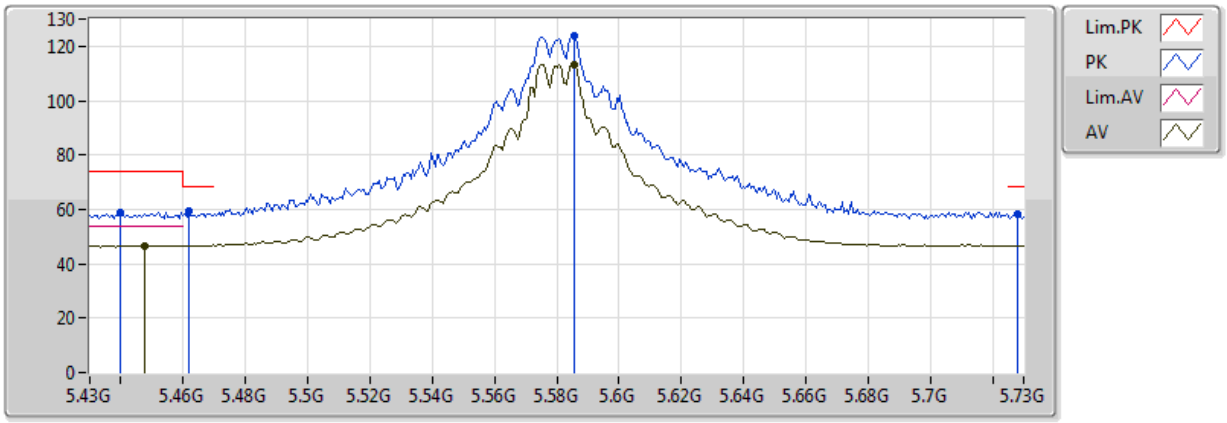


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.9853G	42.08	54.00	-11.92	17.35	3	Horizontal	323	1.44	-	24.73	40.38	8.21	31.24
PK	10.98758G	55.45	74.00	-18.55	17.36	3	Horizontal	323	1.44	-	38.10	40.38	8.21	31.24

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

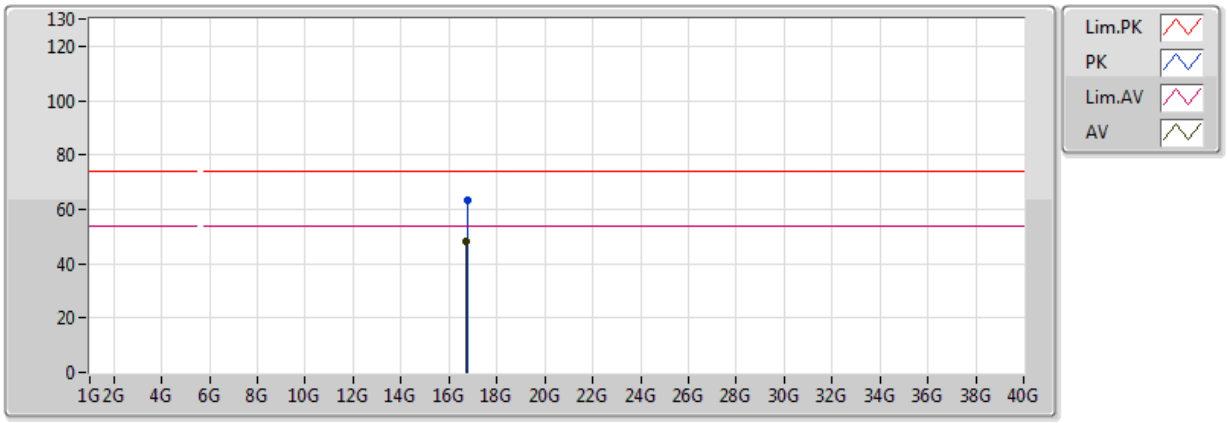


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4474G	46.70	54.00	-7.30	7.15	3	Vertical	309	1.62	-	39.54	31.78	5.66	30.29
AV	5.5854G	113.27	Inf	-Inf	7.34	3	Vertical	309	1.62	-	105.93	31.94	5.73	30.33
PK	5.4396G	58.79	74.00	-15.21	7.15	3	Vertical	309	1.62	-	51.64	31.78	5.66	30.29
PK	5.4618G	59.19	68.20	-9.01	7.16	3	Vertical	309	1.62	-	52.02	31.78	5.67	30.29
PK	5.5854G	123.64	Inf	-Inf	7.34	3	Vertical	309	1.62	-	116.31	31.94	5.73	30.33
PK	5.7282G	58.26	68.20	-9.94	7.60	3	Vertical	309	1.62	-	50.66	32.17	5.83	30.40

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

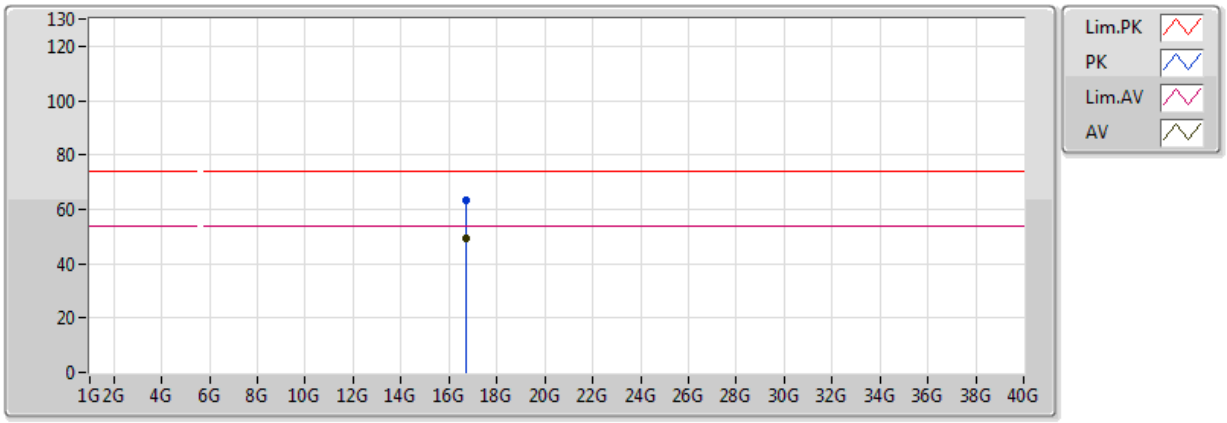


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.7403G	48.21	54.00	-5.79	17.49	3	Vertical	186	1.41	-	30.72	39.25	10.28	32.04
PK	16.74636G	63.20	74.00	-10.80	17.51	3	Vertical	186	1.41	-	45.69	39.26	10.29	32.04

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

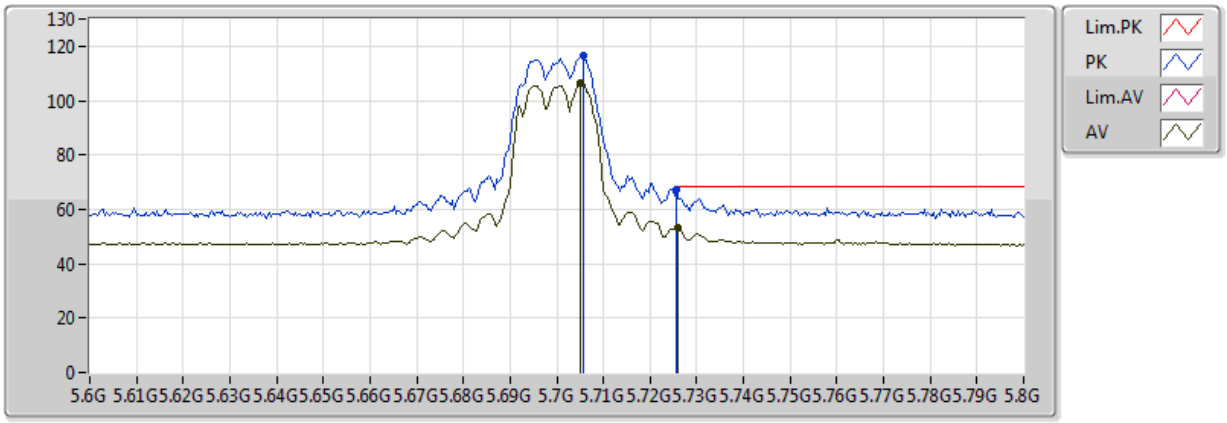


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.73964G	49.53	54.00	-4.47	17.49	3	Horizontal	156	1.63	-	32.04	39.24	10.28	32.04
PK	16.73472G	63.52	74.00	-10.48	17.47	3	Horizontal	156	1.63	-	46.04	39.23	10.28	32.04

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

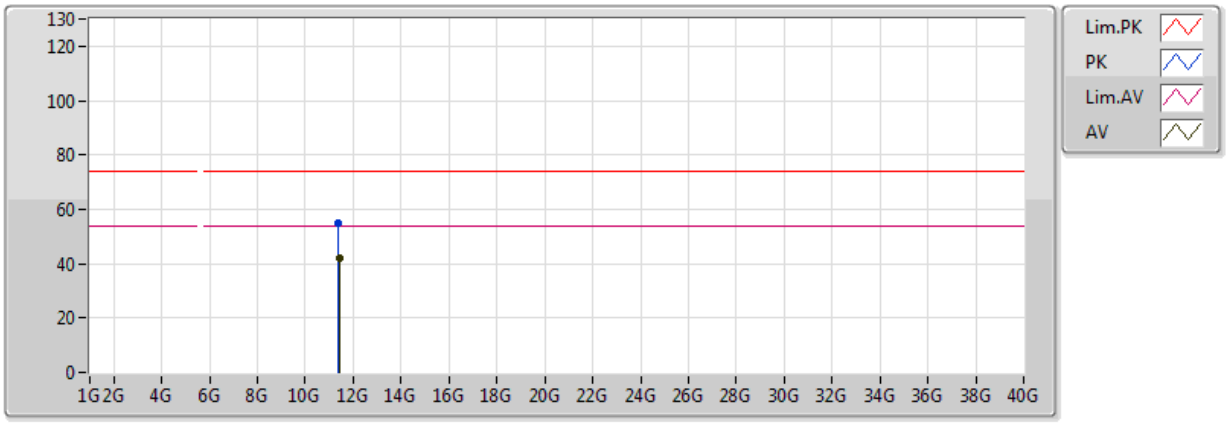


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7052G	106.33	Inf	-Inf	7.55	3	Vertical	313	1.69	-	98.78	32.13	5.81	30.39
AV	5.726G	53.02	Inf	-Inf	7.59	3	Vertical	313	1.69	-	45.43	32.16	5.83	30.40
PK	5.7056G	116.78	Inf	-Inf	7.55	3	Vertical	313	1.69	-	109.23	32.13	5.81	30.39
PK	5.7256G	67.32	68.20	-0.88	7.59	3	Vertical	313	1.69	-	59.73	32.16	5.83	30.40

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

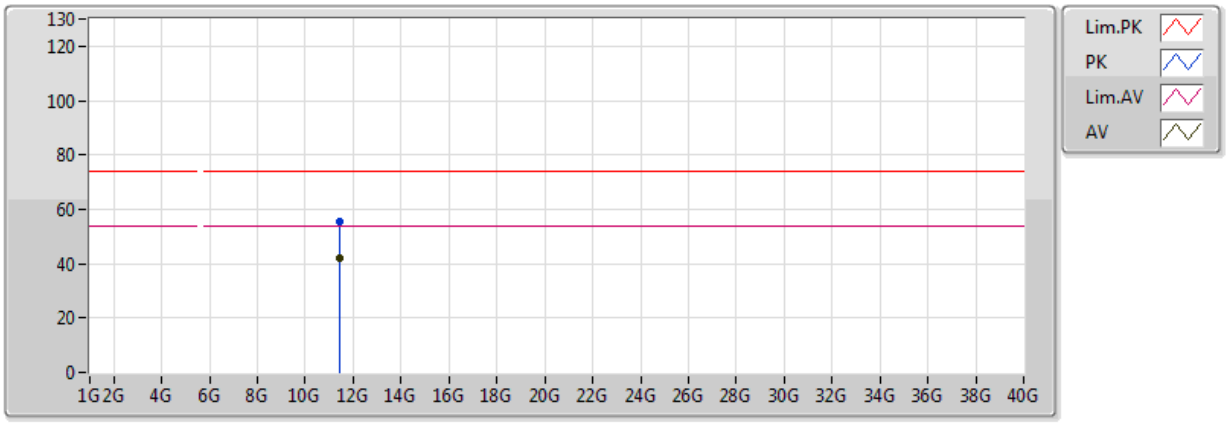


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.41278G	42.20	54.00	-11.80	16.91	3	Vertical	129	2.37	-	25.30	39.82	8.33	31.25
PK	11.38812G	54.80	74.00	-19.20	16.93	3	Vertical	129	2.37	-	37.87	39.86	8.32	31.25

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

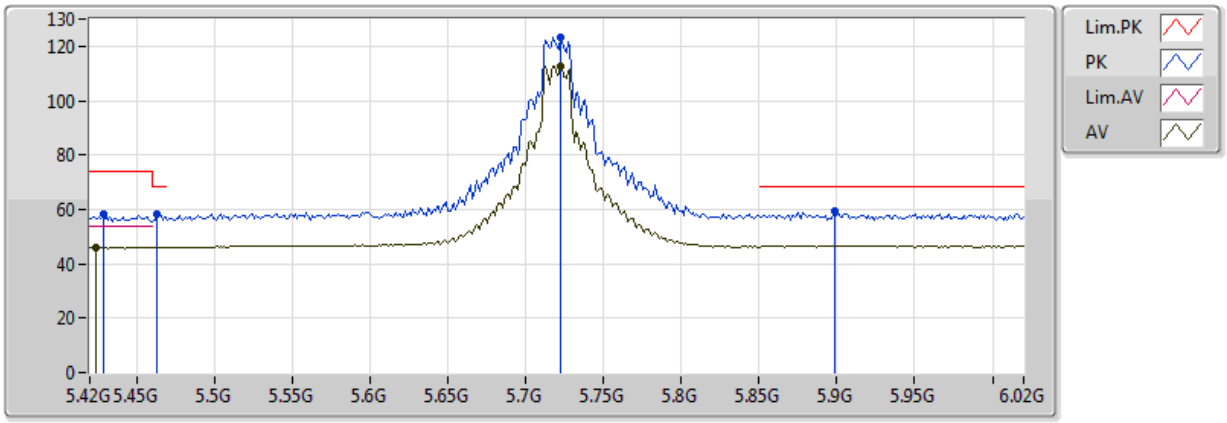


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.41284G	42.19	54.00	-11.81	16.91	3	Horizontal	334	1.33	-	25.28	39.82	8.33	31.25
PK	11.40348G	55.28	74.00	-18.72	16.92	3	Horizontal	334	1.33	-	38.36	39.84	8.33	31.25

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

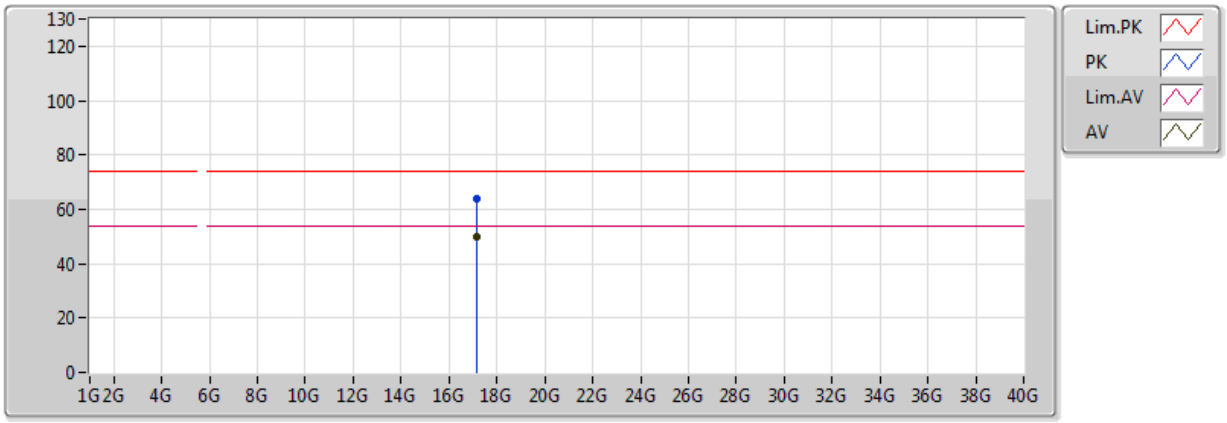


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4236G	46.10	54.00	-7.90	7.14	3	Vertical	245	1.66	-	38.96	31.77	5.66	30.29
AV	5.7224G	112.86	Inf	-Inf	7.59	3	Vertical	245	1.66	-	105.27	32.16	5.83	30.40
PK	5.4284G	58.03	74.00	-15.97	7.15	3	Vertical	245	1.66	-	50.88	31.77	5.66	30.29
PK	5.4632G	58.15	68.20	-10.05	7.16	3	Vertical	245	1.66	-	50.99	31.79	5.67	30.29
PK	5.7224G	123.35	Inf	-Inf	7.59	3	Vertical	245	1.66	-	115.76	32.16	5.83	30.40
PK	5.8988G	59.16	68.20	-9.04	7.92	3	Vertical	245	1.66	-	51.25	32.44	5.96	30.48

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

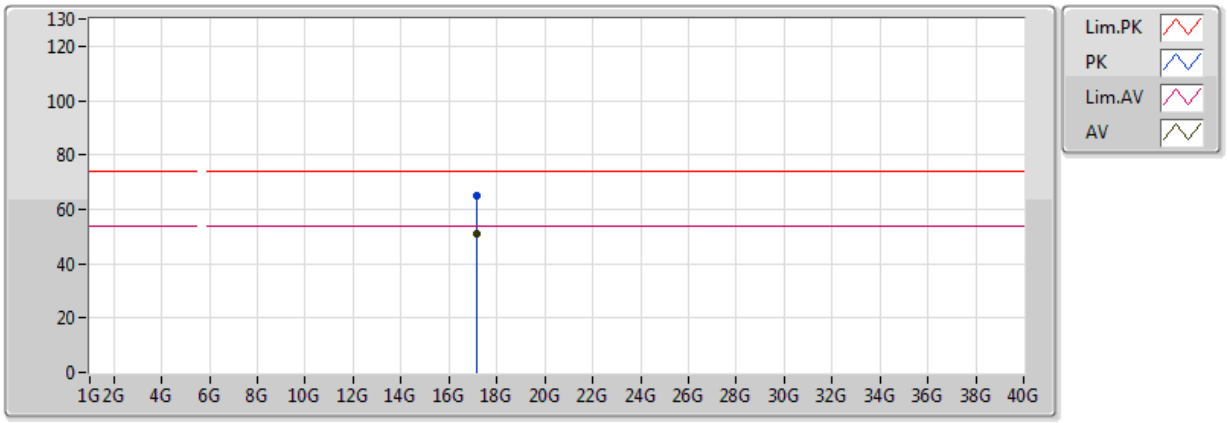


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.15946G	49.98	54.00	-4.02	19.52	3	Vertical	166	1.66	-	30.46	41.08	10.43	32.00
PK	17.16882G	63.86	74.00	-10.14	19.59	3	Vertical	166	1.66	-	44.27	41.15	10.44	32.00

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

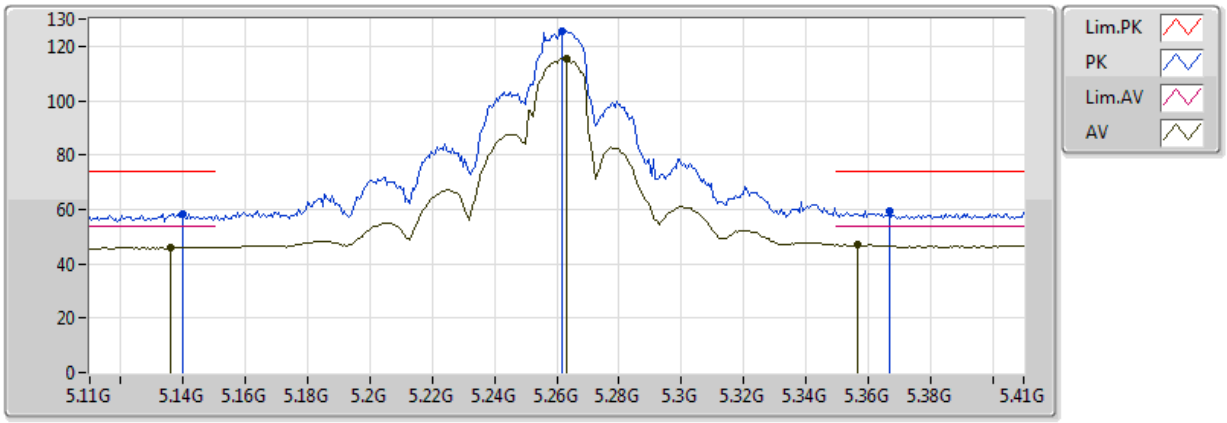


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.16414G	50.73	54.00	-3.27	19.55	3	Horizontal	161	1.67	-	31.18	41.12	10.44	32.00
PK	17.16924G	65.06	74.00	-8.94	19.59	3	Horizontal	161	1.67	-	45.47	41.15	10.44	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

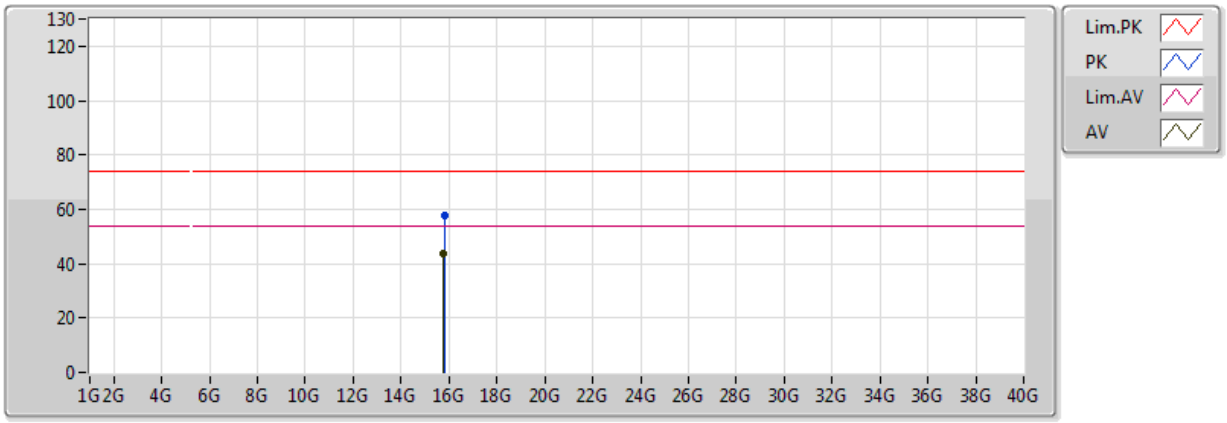


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1358G	46.21	54.00	-7.79	6.99	3	Vertical	305	1.74	-	39.22	31.65	5.62	30.28
AV	5.263G	115.37	Inf	-Inf	7.06	3	Vertical	305	1.74	-	108.31	31.71	5.64	30.29
AV	5.3566G	46.90	54.00	-7.10	7.11	3	Vertical	305	1.74	-	39.79	31.74	5.65	30.29
PK	5.14G	58.40	74.00	-15.60	6.99	3	Vertical	305	1.74	-	51.41	31.66	5.62	30.28
PK	5.2618G	125.57	Inf	-Inf	7.06	3	Vertical	305	1.74	-	118.52	31.70	5.64	30.29
PK	5.3668G	59.42	74.00	-14.58	7.11	3	Vertical	305	1.74	-	52.30	31.75	5.65	30.29

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

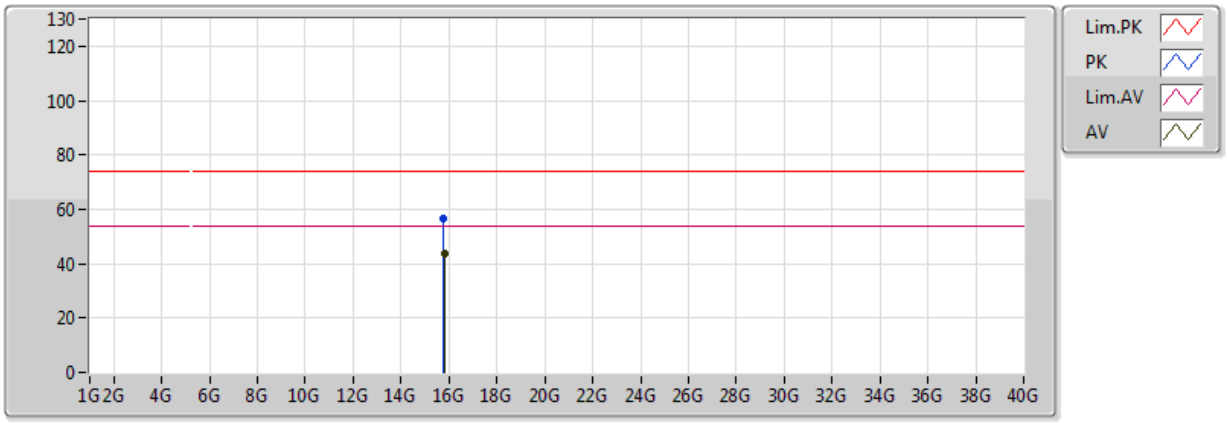


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.79062G	43.52	54.00	-10.48	15.91	3	Vertical	121	2.27	-	27.61	37.90	10.02	32.00
PK	15.79236G	57.64	74.00	-16.36	15.90	3	Vertical	121	2.27	-	41.74	37.89	10.02	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

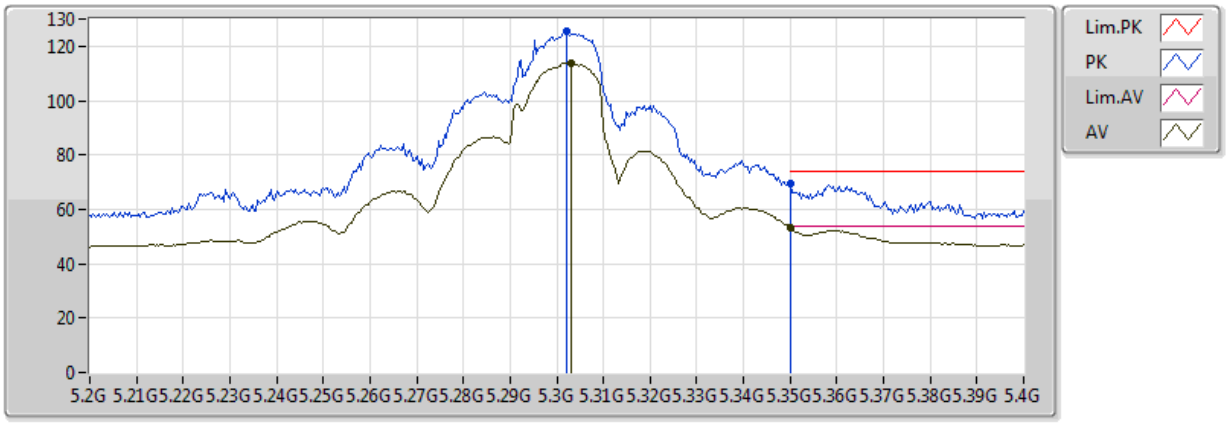


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.79374G	43.69	54.00	-10.31	15.90	3	Horizontal	31	1.69	-	27.79	37.88	10.02	32.00
PK	15.77814G	56.81	74.00	-17.19	15.96	3	Horizontal	31	1.69	-	40.86	37.94	10.01	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

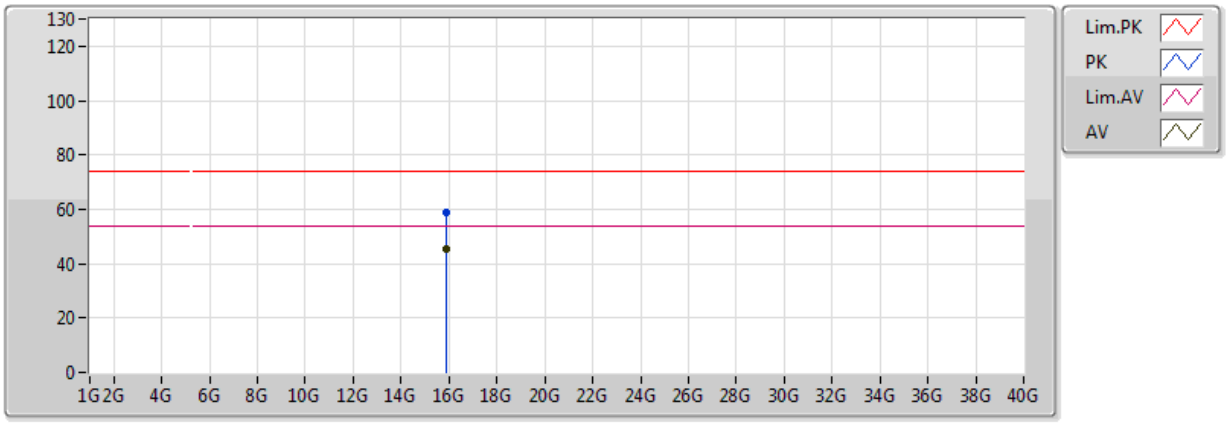


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3032G	113.96	Inf	-Inf	7.08	3	Vertical	306	1.67	-	106.88	31.72	5.64	30.29
AV	5.350005G	52.96	54.00	-1.04	7.10	3	Vertical	306	1.67	-	45.86	31.74	5.65	30.29
PK	5.302G	125.67	Inf	-Inf	7.08	3	Vertical	306	1.67	-	118.59	31.72	5.64	30.29
PK	5.350005G	69.52	74.00	-4.48	7.10	3	Vertical	306	1.67	-	62.42	31.74	5.65	30.29

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

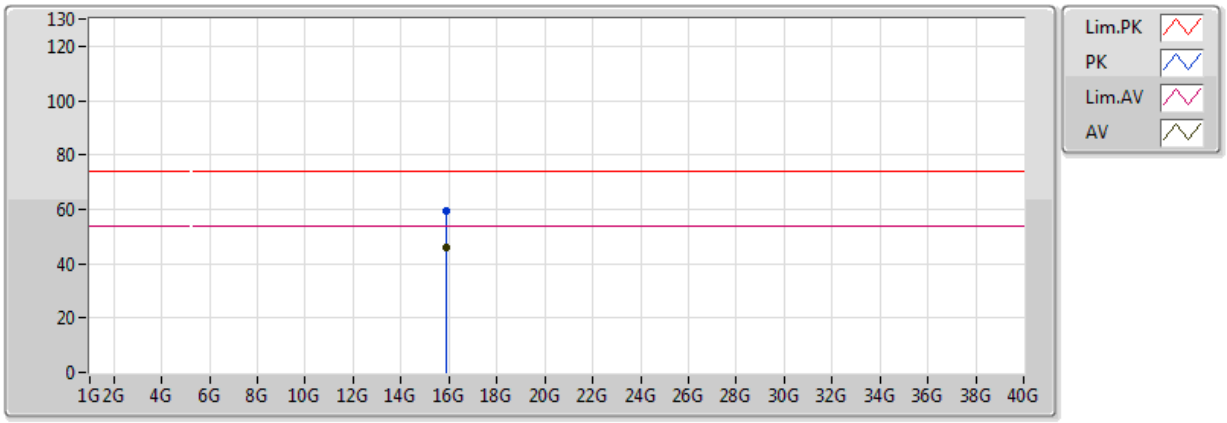


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.91434G	45.38	54.00	-8.62	15.46	3	Vertical	5	2.12	-	29.92	37.43	10.05	32.01
PK	15.88776G	58.84	74.00	-15.16	15.56	3	Vertical	5	2.12	-	43.28	37.53	10.04	32.01

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

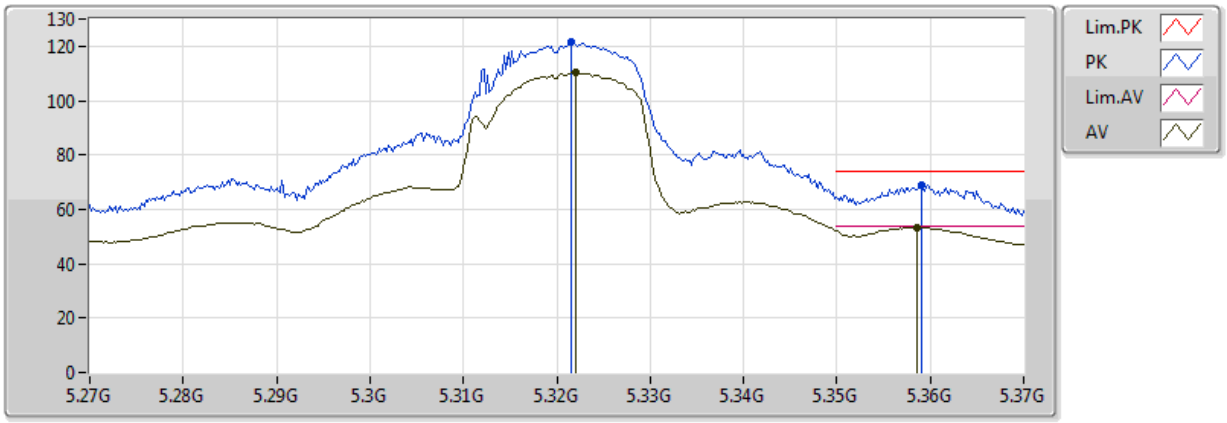


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.8964G	45.98	54.00	-8.02	15.53	3	Horizontal	167	1.50	-	30.45	37.49	10.04	32.01
PK	15.89514G	59.38	74.00	-14.62	15.53	3	Horizontal	167	1.50	-	43.85	37.50	10.04	32.01

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

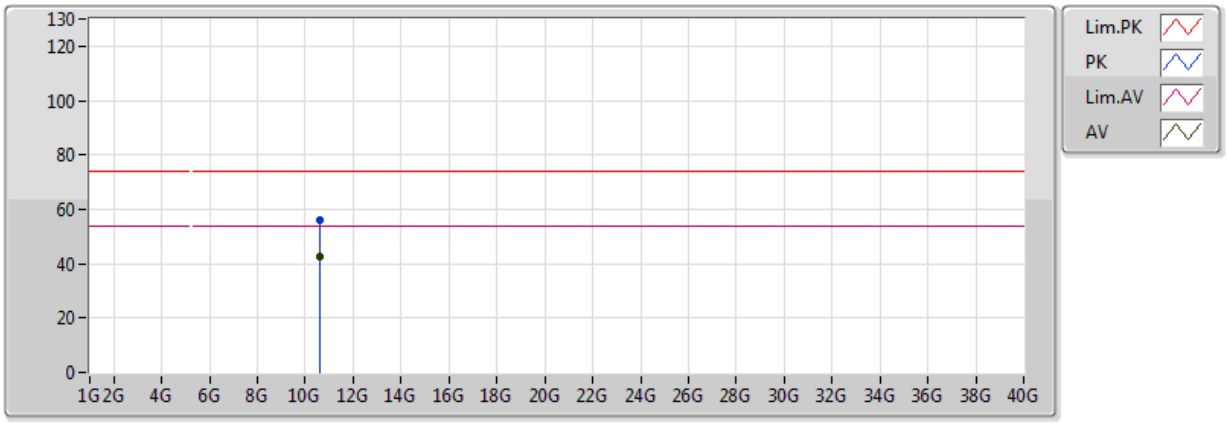


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.322G	110.20	Inf	-Inf	7.09	3	Vertical	305	1.68	-	103.11	31.73	5.64	30.29
AV	5.3586G	53.12	54.00	-0.88	7.11	3	Vertical	305	1.68	-	46.01	31.74	5.65	30.29
PK	5.3216G	121.86	Inf	-Inf	7.09	3	Vertical	305	1.68	-	114.77	31.73	5.64	30.29
PK	5.359G	68.89	74.00	-5.11	7.11	3	Vertical	305	1.68	-	61.78	31.74	5.65	30.29

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

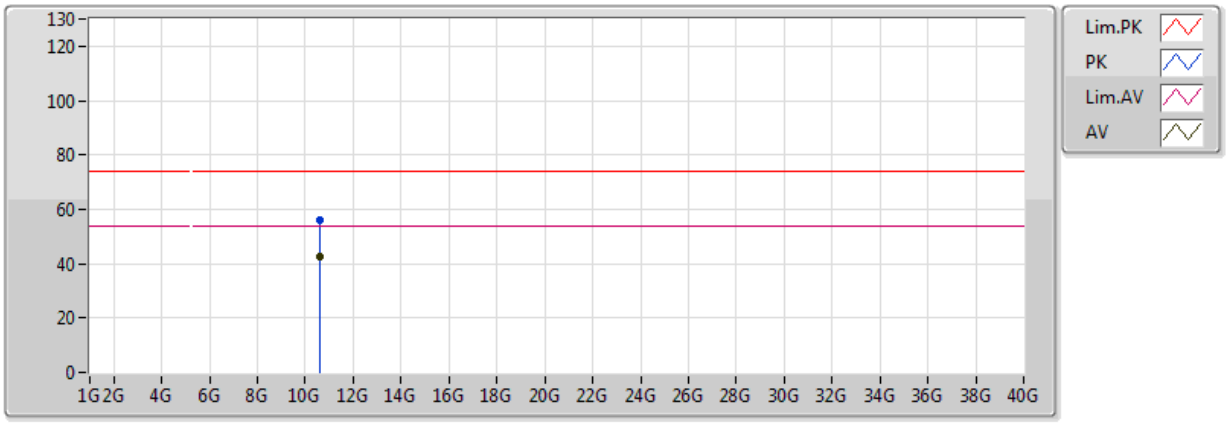


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63142G	42.32	54.00	-11.68	16.73	3	Vertical	341	1.21	-	25.59	39.88	8.05	31.20
PK	10.63394G	55.92	74.00	-18.08	16.74	3	Vertical	341	1.21	-	39.18	39.89	8.06	31.20

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

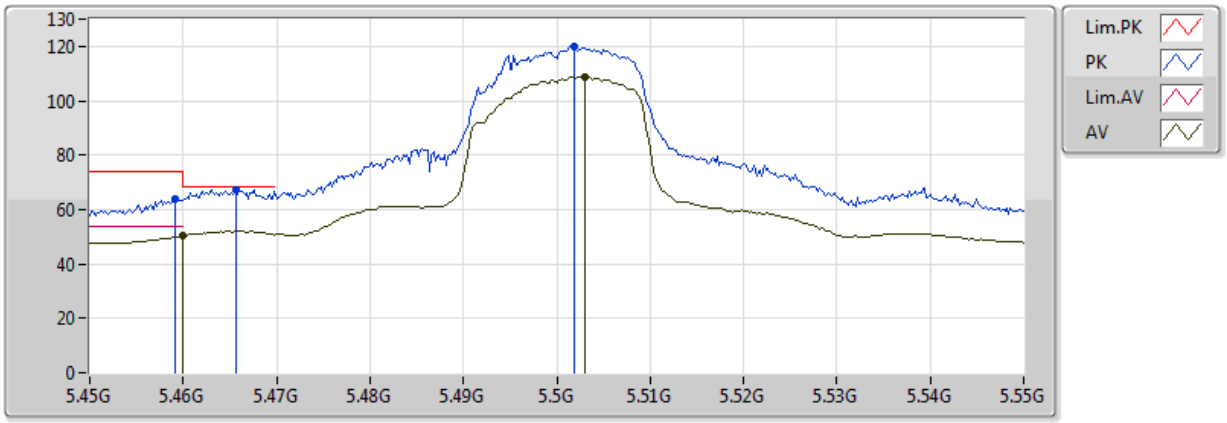


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.62602G	42.32	54.00	-11.68	16.73	3	Horizontal	30	1.96	-	25.59	39.88	8.05	31.20
PK	10.63028G	56.02	74.00	-17.98	16.73	3	Horizontal	30	1.96	-	39.29	39.88	8.05	31.20

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

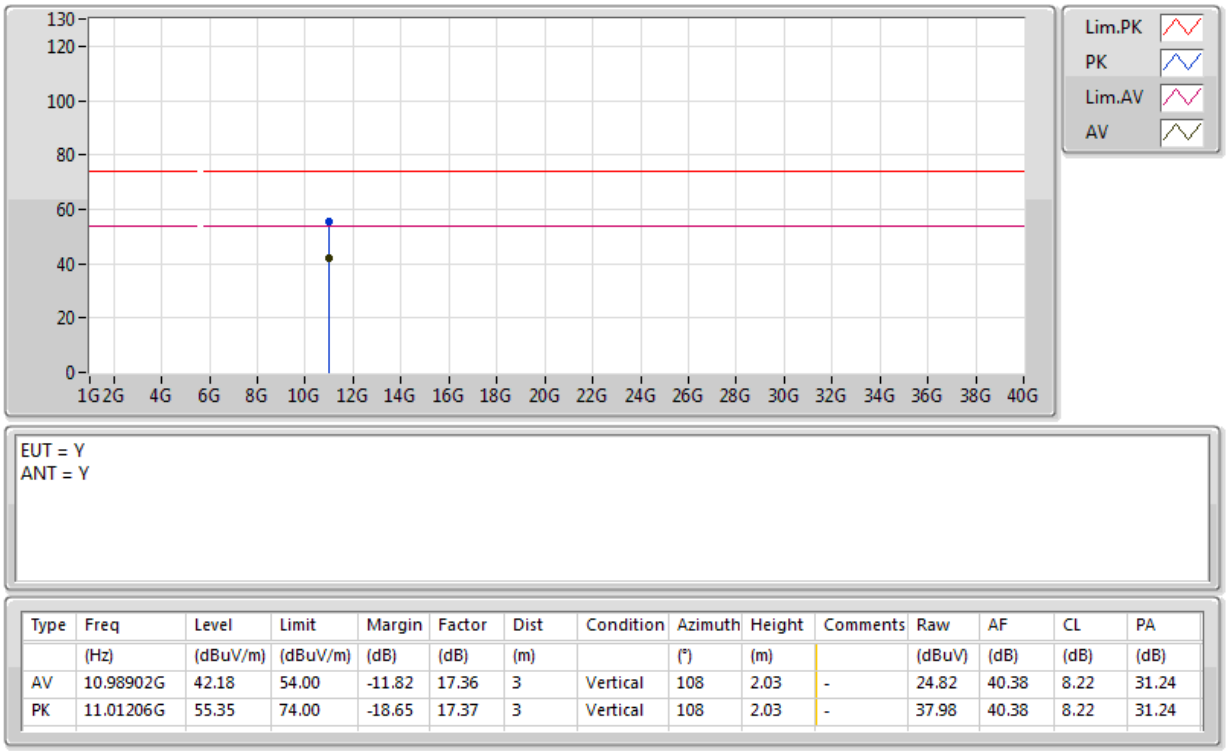


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	50.50	54.00	-3.50	7.16	3	Vertical	311	1.65	-	43.34	31.78	5.67	30.29
AV	5.503G	108.78	Inf	-Inf	7.19	3	Vertical	311	1.65	-	101.59	31.80	5.67	30.29
PK	5.4592G	63.99	74.00	-10.01	7.16	3	Vertical	311	1.65	-	56.83	31.78	5.67	30.29
PK	5.4656G	67.31	68.20	-0.89	7.16	3	Vertical	311	1.65	-	60.14	31.79	5.67	30.29
PK	5.5018G	119.90	Inf	-Inf	7.18	3	Vertical	311	1.65	-	112.72	31.80	5.67	30.29

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

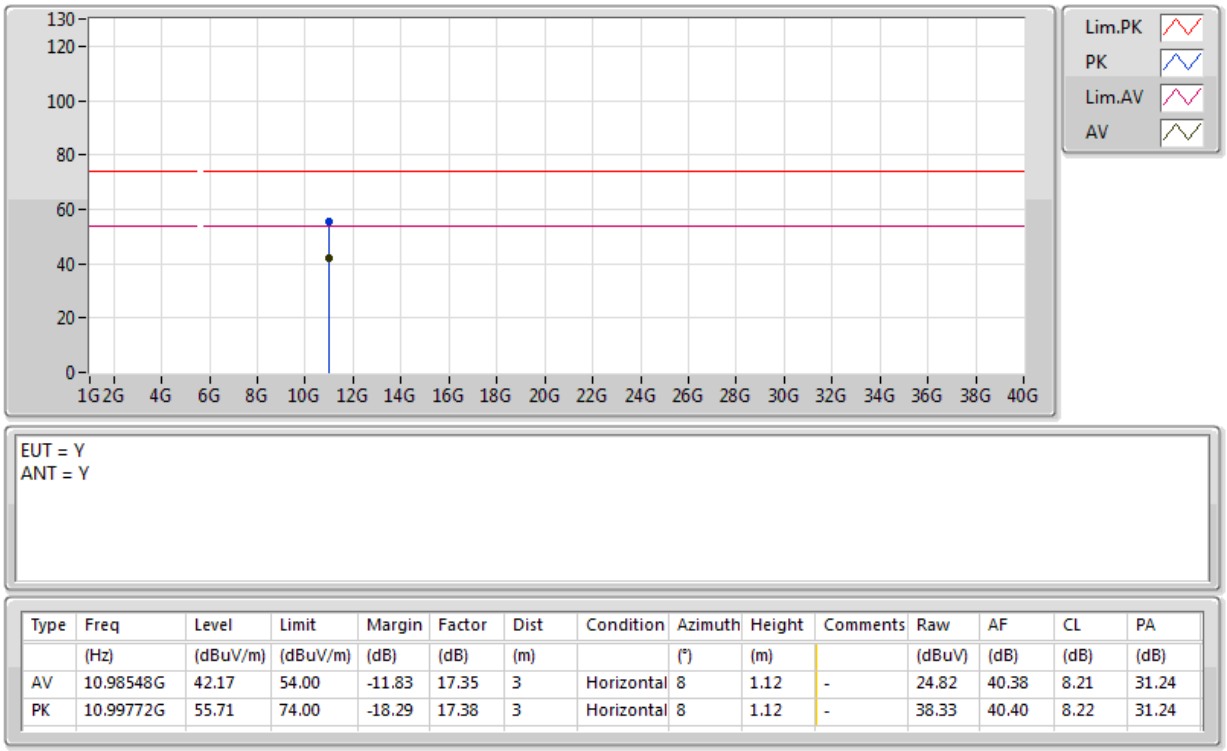


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.98902G	42.18	54.00	-11.82	17.36	3	Vertical	108	2.03	-	24.82	40.38	8.22	31.24
PK	11.01206G	55.35	74.00	-18.65	17.37	3	Vertical	108	2.03	-	37.98	40.38	8.22	31.24

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

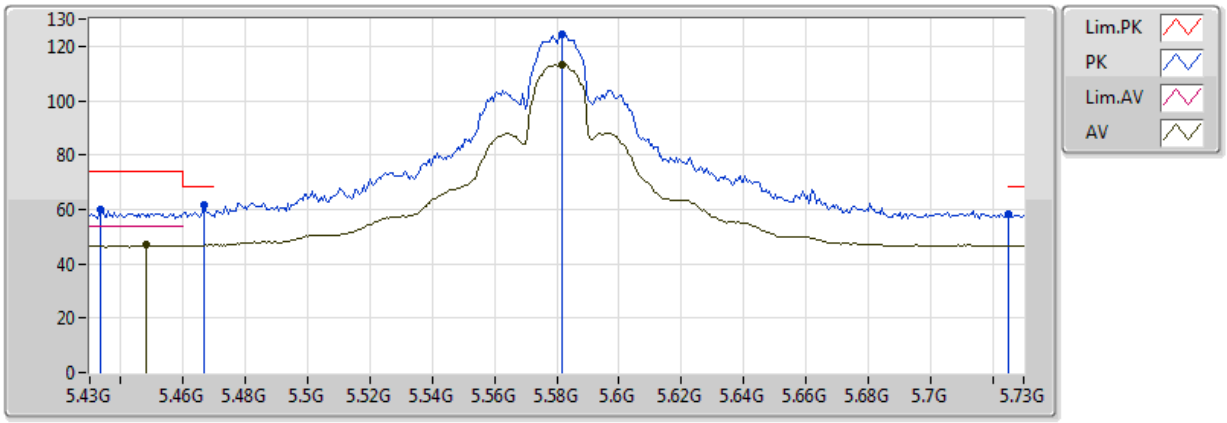


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.98548G	42.17	54.00	-11.83	17.35	3	Horizontal	8	1.12	-	24.82	40.38	8.21	31.24
PK	10.99772G	55.71	74.00	-18.29	17.38	3	Horizontal	8	1.12	-	38.33	40.40	8.22	31.24

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

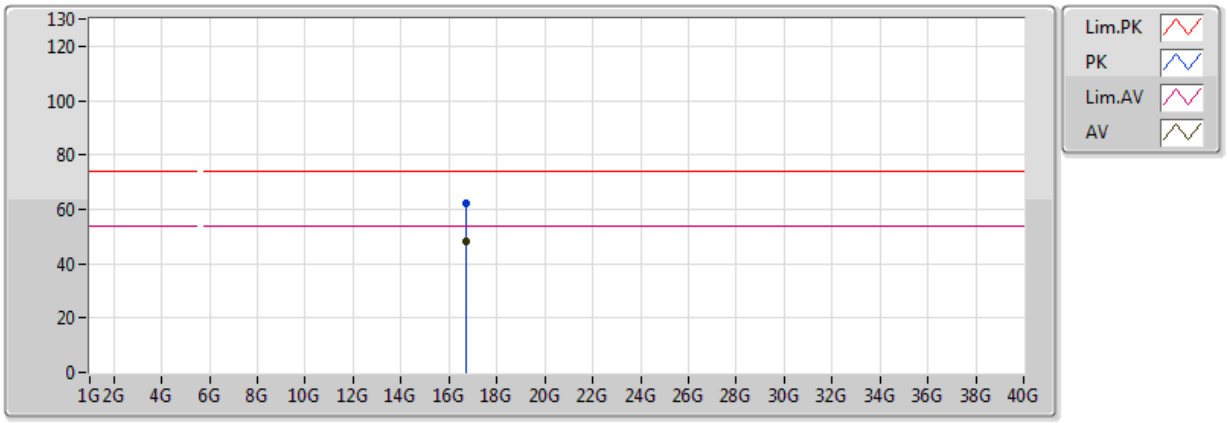


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.448G	46.80	54.00	-7.20	7.16	3	Vertical	308	1.65	-	39.65	31.78	5.66	30.29
AV	5.5818G	113.26	Inf	-Inf	7.33	3	Vertical	308	1.65	-	105.93	31.93	5.73	30.33
PK	5.4336G	60.04	74.00	-13.96	7.15	3	Vertical	308	1.65	-	52.89	31.77	5.66	30.29
PK	5.4666G	61.39	68.20	-6.81	7.16	3	Vertical	308	1.65	-	54.23	31.79	5.67	30.29
PK	5.5818G	124.42	Inf	-Inf	7.33	3	Vertical	308	1.65	-	117.09	31.93	5.73	30.33
PK	5.7252G	58.37	68.20	-9.83	7.59	3	Vertical	308	1.65	-	50.77	32.16	5.83	30.40

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

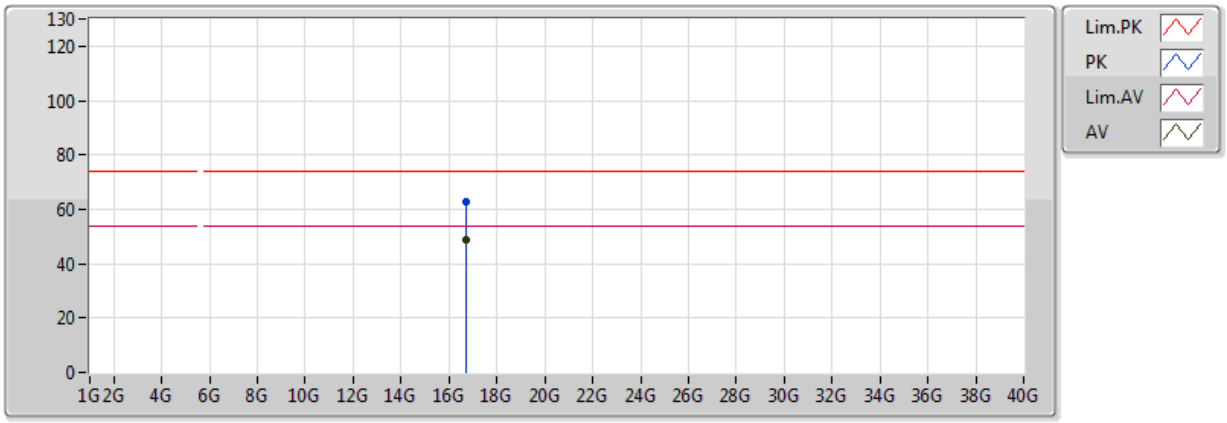


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.74222G	47.94	54.00	-6.06	17.50	3	Vertical	189	1.47	-	30.44	39.25	10.29	32.04
PK	16.73796G	62.04	74.00	-11.96	17.48	3	Vertical	189	1.47	-	44.55	39.24	10.28	32.04

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

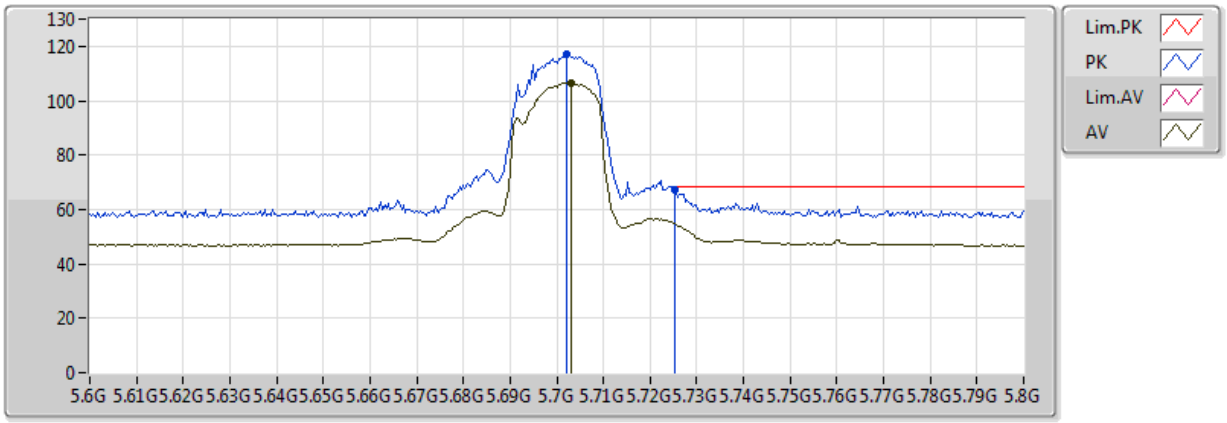


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	16.73634G	48.93	54.00	-5.07	17.48	3	Horizontal	232	1.60	-	31.45	39.24	10.28	32.04
PK	16.73628G	62.83	74.00	-11.17	17.48	3	Horizontal	232	1.60	-	45.35	39.24	10.28	32.04

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

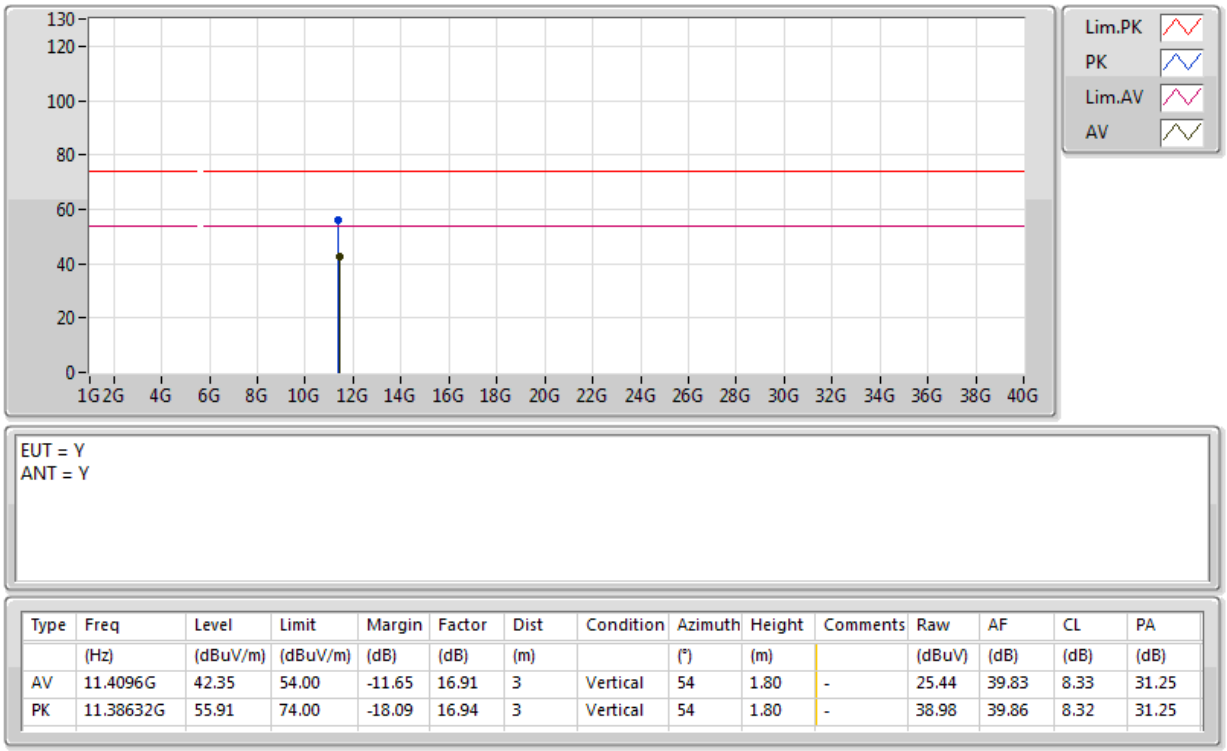


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7032G	106.71	Inf	-Inf	7.55	3	Vertical	315	1.67	-	99.16	32.13	5.81	30.39
PK	5.702G	117.09	Inf	-Inf	7.55	3	Vertical	315	1.67	-	109.54	32.12	5.81	30.39
PK	5.7252G	67.30	68.20	-0.90	7.59	3	Vertical	315	1.67	-	59.71	32.16	5.83	30.40

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

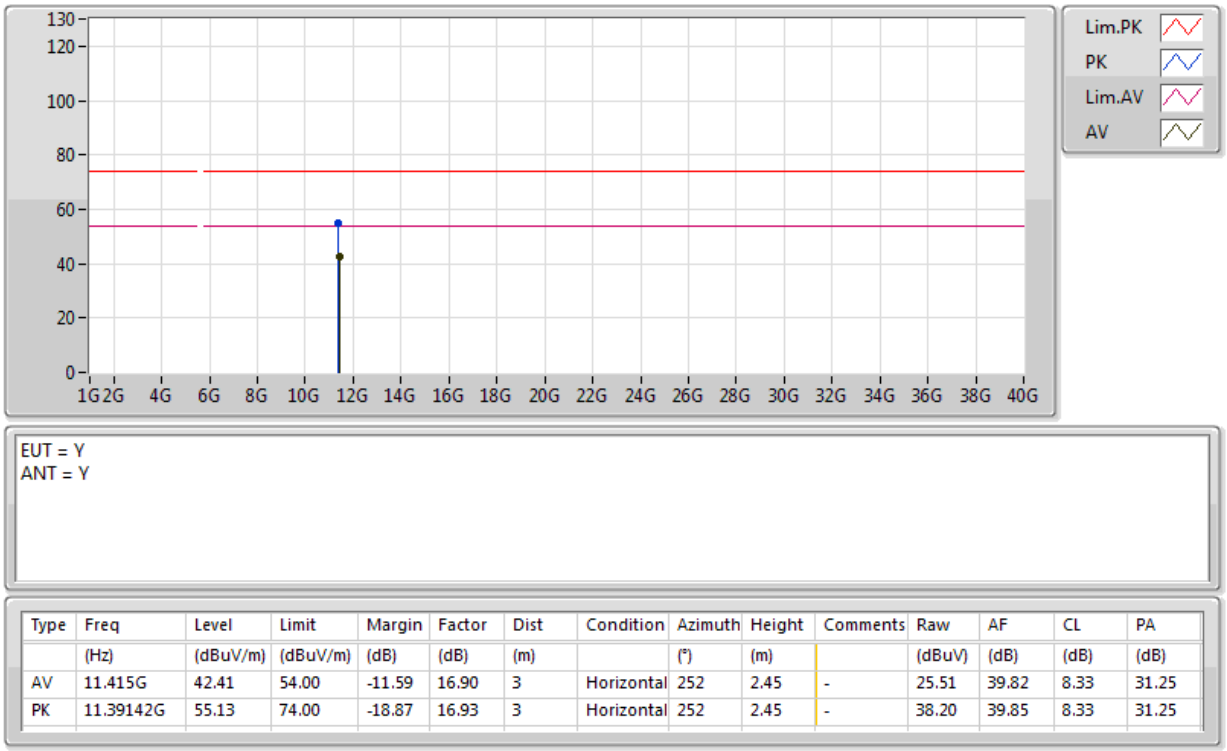


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4096G	42.35	54.00	-11.65	16.91	3	Vertical	54	1.80	-	25.44	39.83	8.33	31.25
PK	11.38632G	55.91	74.00	-18.09	16.94	3	Vertical	54	1.80	-	38.98	39.86	8.32	31.25

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

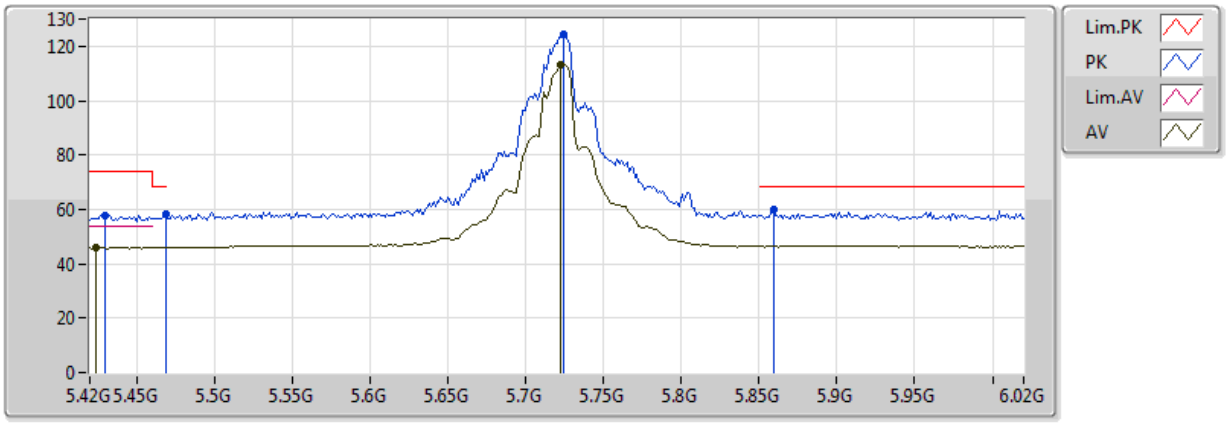


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.415G	42.41	54.00	-11.59	16.90	3	Horizontal	252	2.45	-	25.51	39.82	8.33	31.25
PK	11.39142G	55.13	74.00	-18.87	16.93	3	Horizontal	252	2.45	-	38.20	39.85	8.33	31.25

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

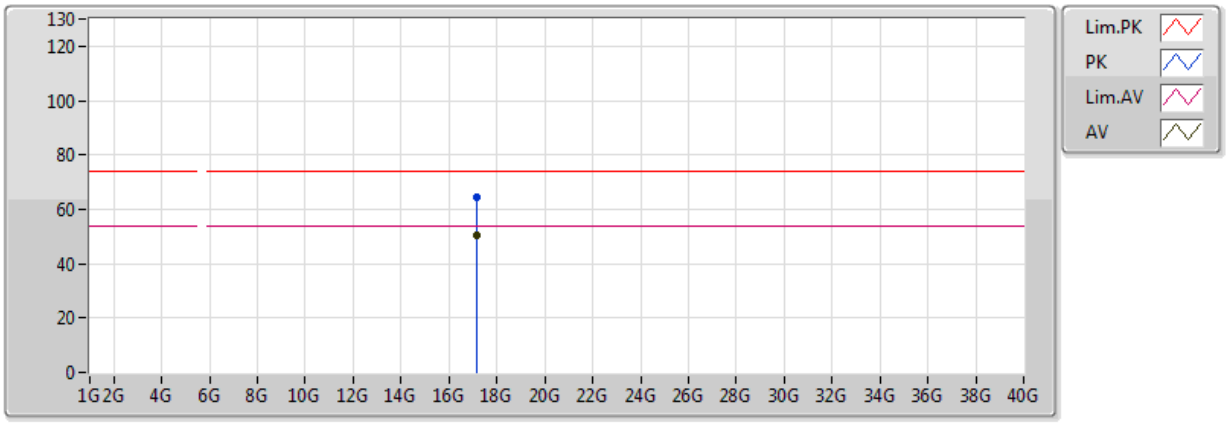


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4236G	45.97	54.00	-8.03	7.14	3	Vertical	316	1.71	-	38.83	31.77	5.66	30.29
AV	5.7224G	113.38	Inf	-Inf	7.59	3	Vertical	316	1.71	-	105.80	32.16	5.83	30.40
PK	5.4296G	57.65	74.00	-16.35	7.15	3	Vertical	316	1.71	-	50.50	31.77	5.66	30.29
PK	5.4692G	58.02	68.20	-10.18	7.17	3	Vertical	316	1.71	-	50.85	31.79	5.67	30.29
PK	5.7248G	124.31	Inf	-Inf	7.59	3	Vertical	316	1.71	-	116.72	32.16	5.83	30.40
PK	5.8592G	59.70	68.20	-8.50	7.84	3	Vertical	316	1.71	-	51.86	32.37	5.93	30.46

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

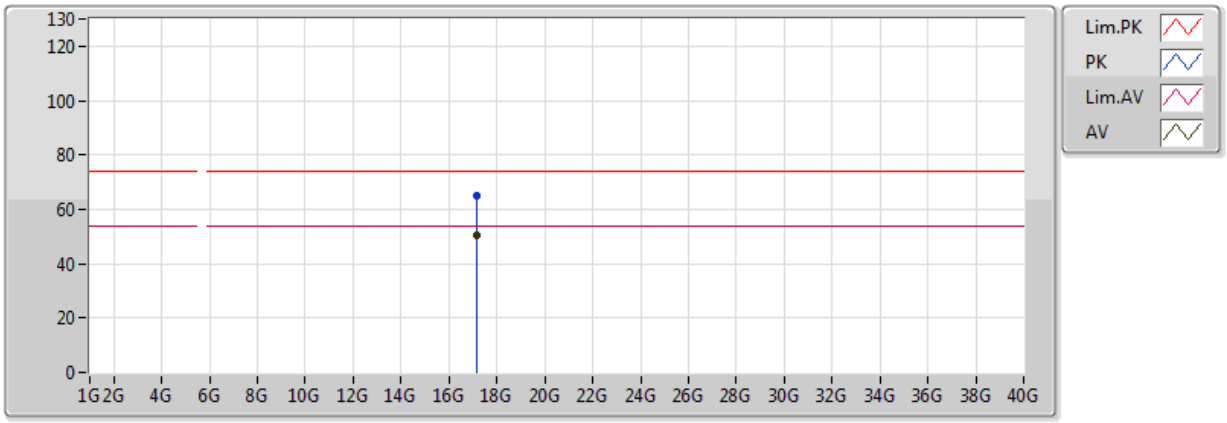


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.1609G	50.38	54.00	-3.62	19.53	3	Vertical	189	1.50	-	30.85	41.09	10.44	32.00
PK	17.16132G	64.65	74.00	-9.35	19.53	3	Vertical	189	1.50	-	45.12	41.10	10.44	32.00

802.11ac VHT20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

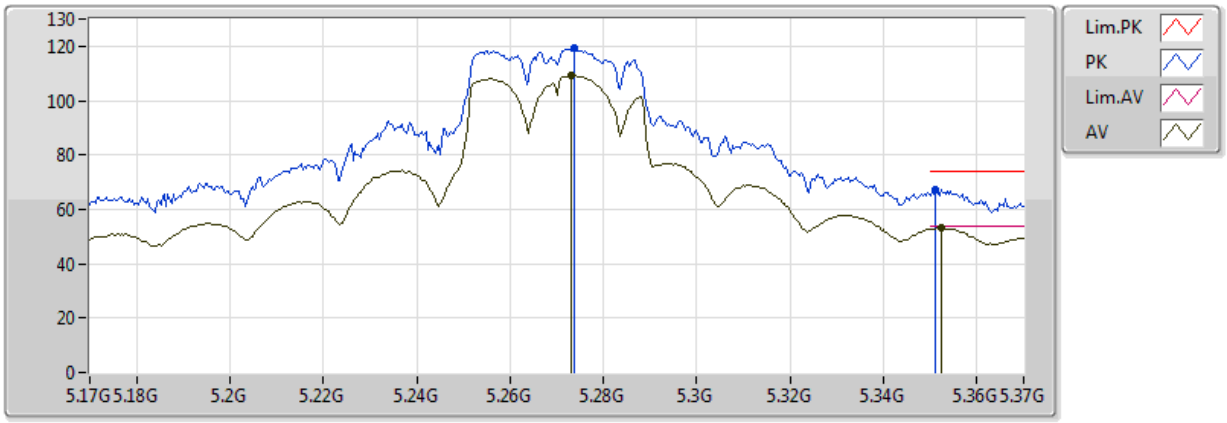


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	17.15844G	50.64	54.00	-3.36	19.51	3	Horizontal	160	1.62	-	31.13	41.08	10.43	32.00
PK	17.15862G	65.01	74.00	-8.99	19.51	3	Horizontal	160	1.62	-	45.49	41.08	10.43	32.00

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

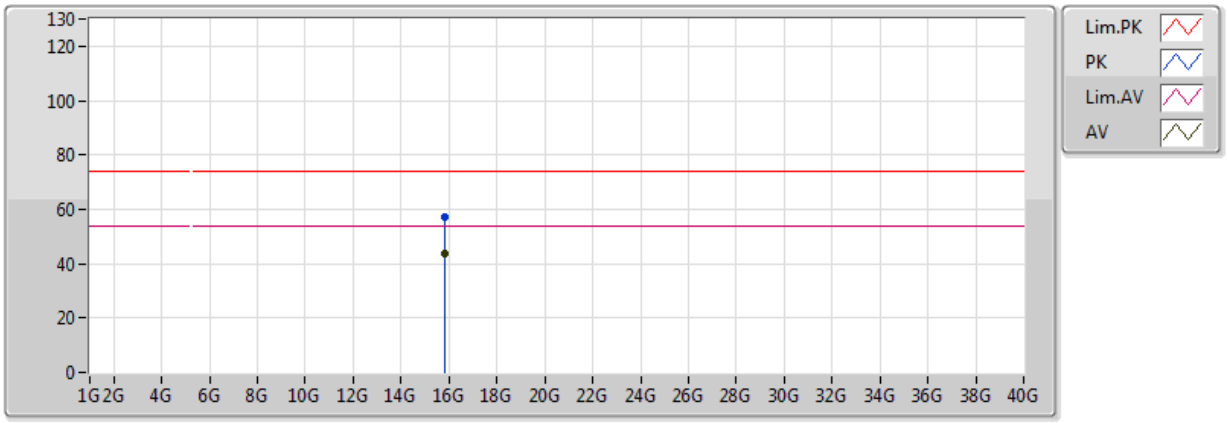


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2732G	109.08	Inf	-Inf	7.06	3	Vertical	308	1.65	-	102.02	31.71	5.64	30.29
AV	5.3524G	53.00	54.00	-1.00	7.10	3	Vertical	308	1.65	-	45.90	31.74	5.65	30.29
PK	5.2736G	119.15	Inf	-Inf	7.06	3	Vertical	308	1.65	-	112.09	31.71	5.64	30.29
PK	5.3512G	67.11	74.00	-6.89	7.10	3	Vertical	308	1.65	-	60.01	31.74	5.65	30.29

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

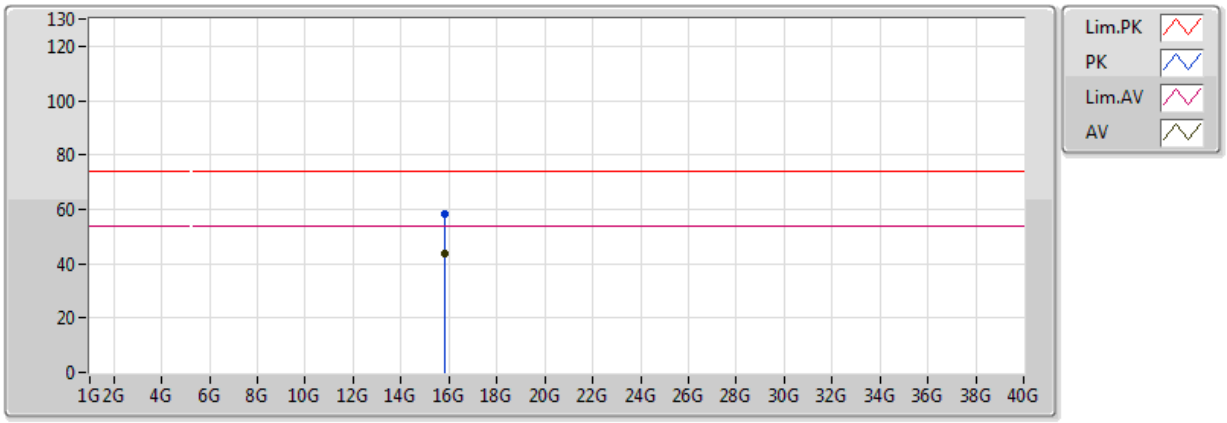


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.79524G	43.66	54.00	-10.34	15.89	3	Vertical	24	1.00	-	27.77	37.88	10.02	32.00
PK	15.81012G	57.12	74.00	-16.88	15.84	3	Vertical	24	1.00	-	41.28	37.82	10.02	32.00

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

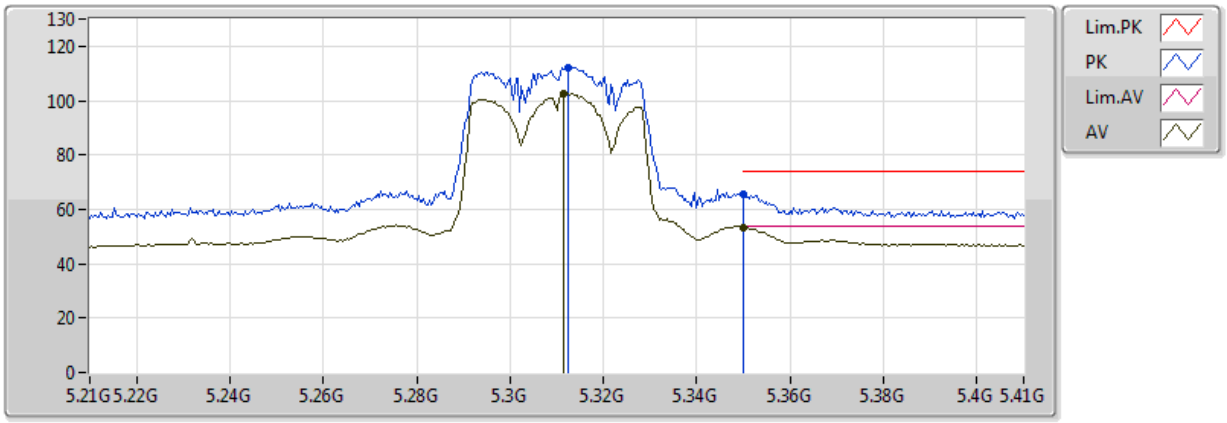


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.80622G	43.69	54.00	-10.31	15.85	3	Horizontal	179	2.18	-	27.83	37.84	10.02	32.00
PK	15.81234G	58.13	74.00	-15.87	15.83	3	Horizontal	179	2.18	-	42.30	37.81	10.02	32.00

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

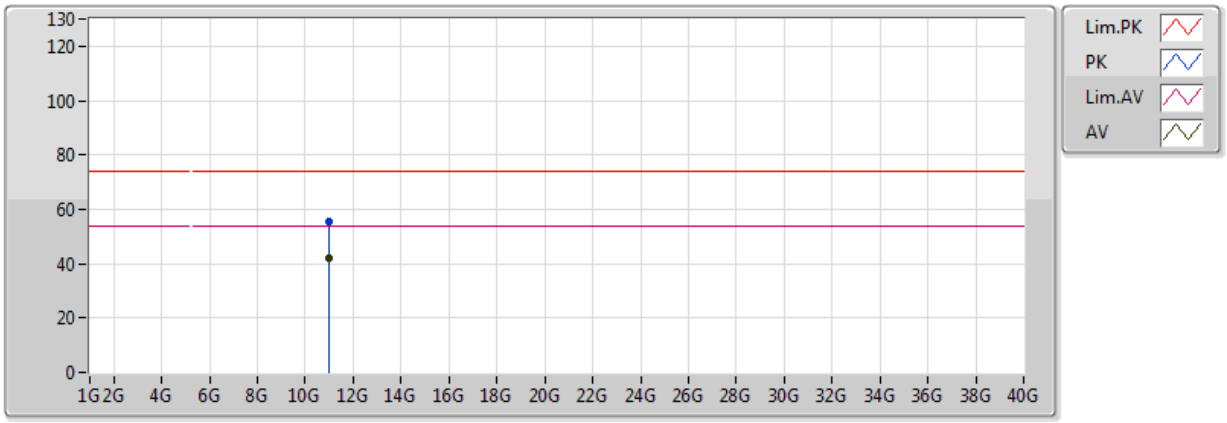


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3116G	102.51	Inf	-Inf	7.08	3	Vertical	304	1.74	-	95.43	31.72	5.64	30.29
AV	5.350005G	53.15	54.00	-0.85	7.10	3	Vertical	304	1.74	-	46.05	31.74	5.65	30.29
PK	5.3124G	112.14	Inf	-Inf	7.08	3	Vertical	304	1.74	-	105.06	31.72	5.64	30.29
PK	5.350005G	65.59	74.00	-8.41	7.10	3	Vertical	304	1.74	-	58.49	31.74	5.65	30.29

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

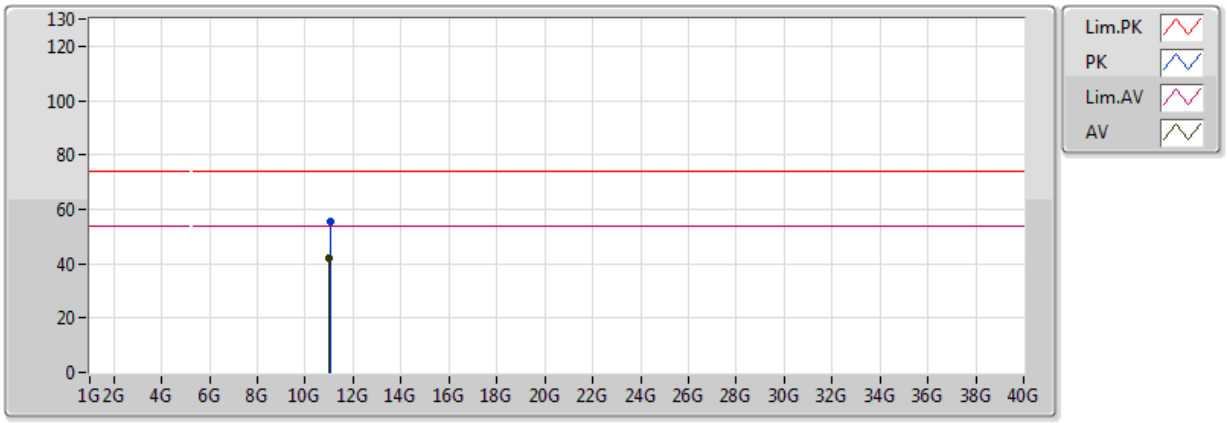


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01832G	41.95	54.00	-12.05	17.36	3	Vertical	83	1.29	-	24.59	40.37	8.22	31.24
PK	11.01436G	55.27	74.00	-18.73	17.36	3	Vertical	83	1.29	-	37.91	40.38	8.22	31.24

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

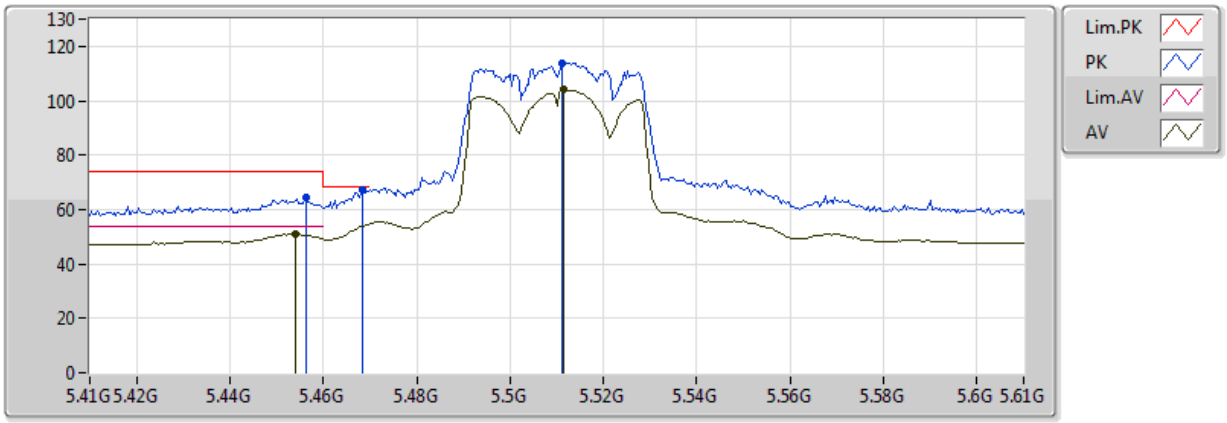


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00554G	41.94	54.00	-12.06	17.37	3	Horizontal	74	2.41	-	24.56	40.39	8.22	31.24
PK	11.03236G	55.73	74.00	-18.27	17.34	3	Horizontal	74	2.41	-	38.39	40.35	8.23	31.24

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

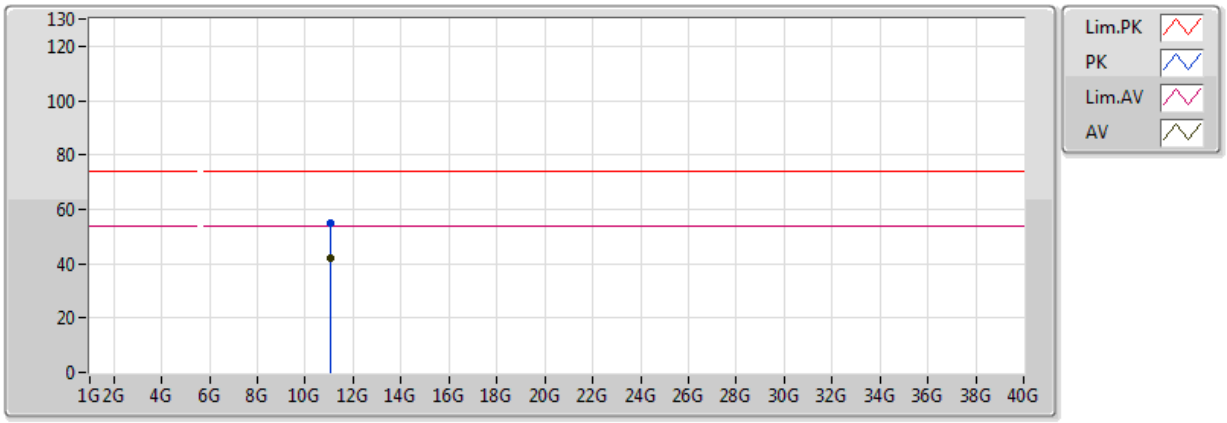


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.454G	50.81	54.00	-3.19	7.16	3	Vertical	310	1.65	-	43.65	31.78	5.67	30.29
AV	5.5116G	104.14	Inf	-Inf	7.20	3	Vertical	310	1.65	-	96.94	31.82	5.68	30.30
PK	5.4564G	64.52	74.00	-9.48	7.16	3	Vertical	310	1.65	-	57.36	31.78	5.67	30.29
PK	5.4684G	67.48	68.20	-0.72	7.16	3	Vertical	310	1.65	-	60.32	31.79	5.67	30.29
PK	5.5112G	113.87	Inf	-Inf	7.20	3	Vertical	310	1.65	-	106.67	31.82	5.68	30.30

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

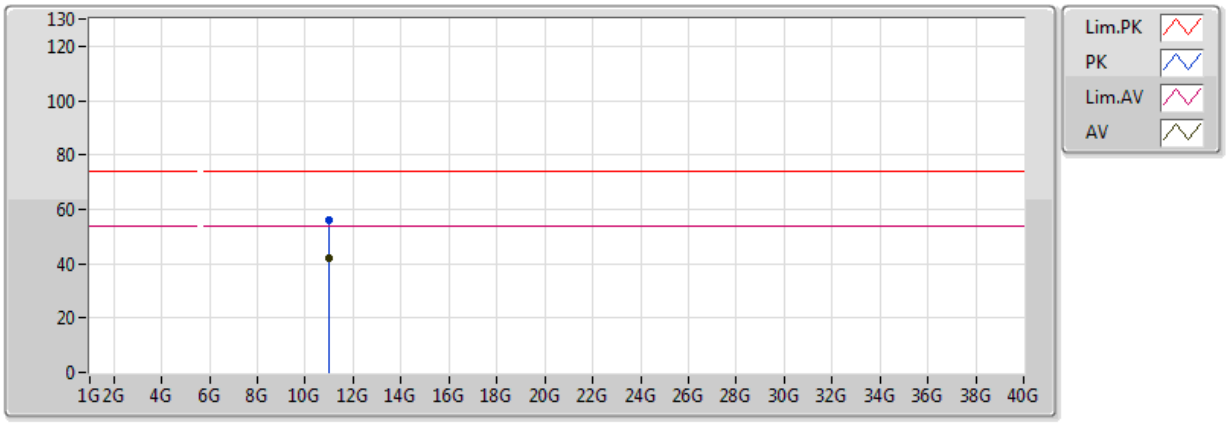


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.03074G	41.98	54.00	-12.02	17.34	3	Vertical	168	1.65	-	24.64	40.36	8.23	31.24
PK	11.02726G	55.01	74.00	-18.99	17.35	3	Vertical	168	1.65	-	37.66	40.36	8.23	31.24

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

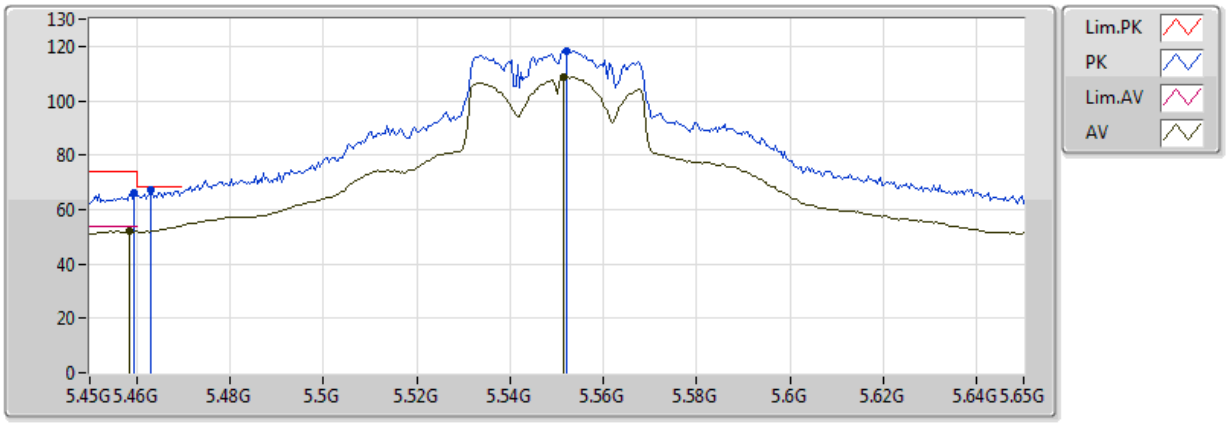


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00572G	41.90	54.00	-12.10	17.37	3	Horizontal	82	2.42	-	24.52	40.39	8.22	31.24
PK	11.0203G	56.07	74.00	-17.93	17.36	3	Horizontal	82	2.42	-	38.71	40.37	8.23	31.24

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

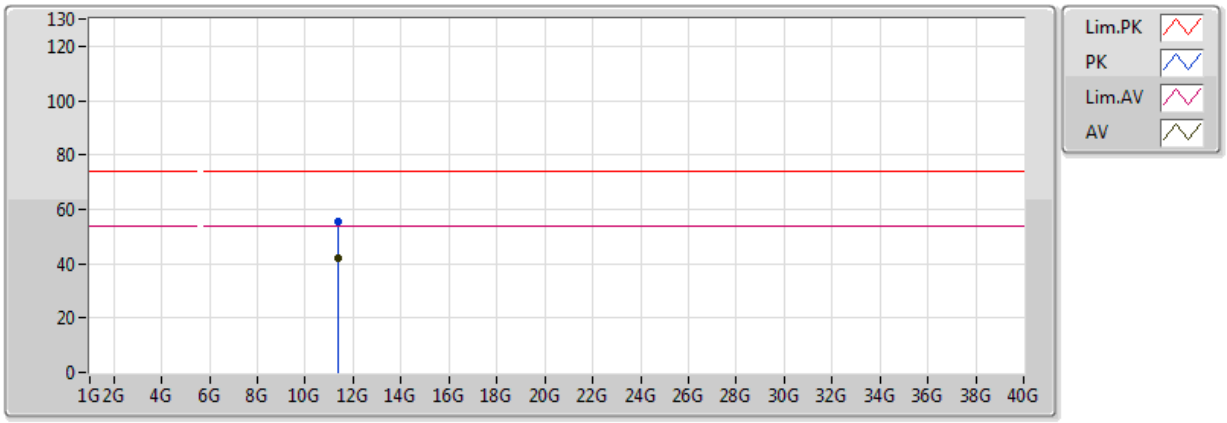


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4584G	52.10	54.00	-1.90	7.16	3	Vertical	310	1.67	-	44.94	31.78	5.67	30.29
AV	5.5516G	108.69	Inf	-Inf	7.27	3	Vertical	310	1.67	-	101.42	31.88	5.71	30.31
PK	5.4596G	65.93	74.00	-8.07	7.16	3	Vertical	310	1.67	-	58.77	31.78	5.67	30.29
PK	5.4632G	67.50	68.20	-0.70	7.16	3	Vertical	310	1.67	-	60.34	31.79	5.67	30.29
PK	5.552G	118.43	Inf	-Inf	7.27	3	Vertical	310	1.67	-	111.16	31.88	5.71	30.31

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

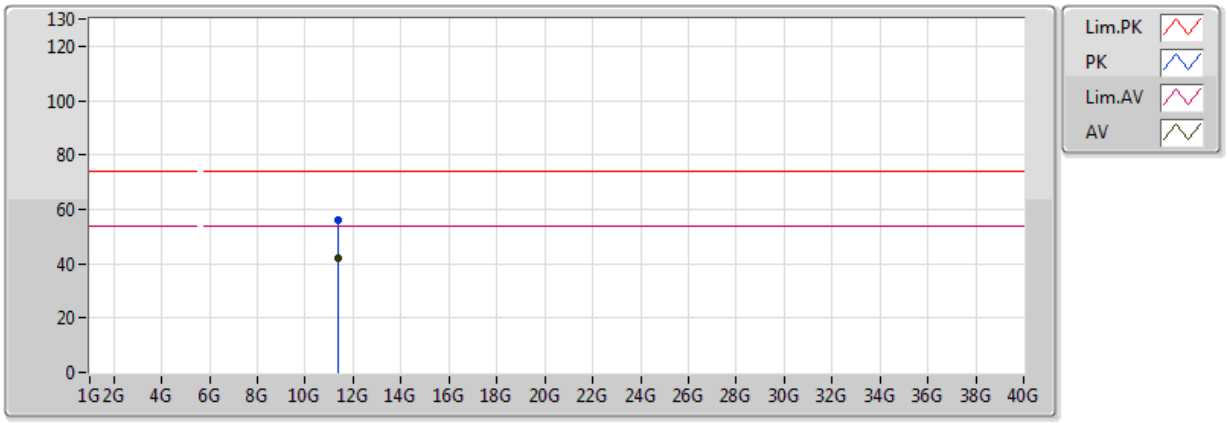


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34504G	42.01	54.00	-11.99	16.98	3	Vertical	295	1.90	-	25.03	39.92	8.31	31.25
PK	11.33904G	55.39	74.00	-18.61	16.99	3	Vertical	295	1.90	-	38.40	39.93	8.31	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

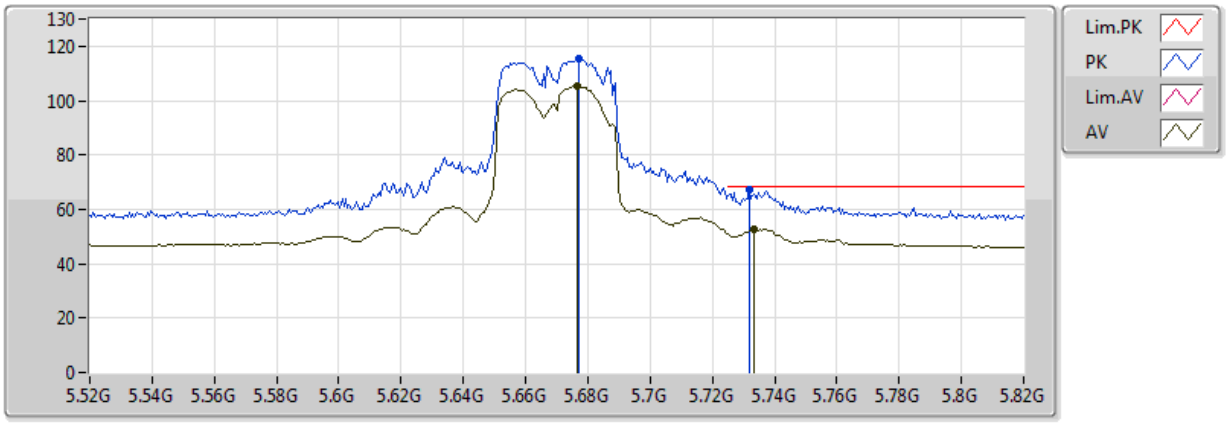


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.35344G	41.95	54.00	-12.05	16.97	3	Horizontal	29	1.95	-	24.97	39.91	8.32	31.25
PK	11.34768G	55.78	74.00	-18.22	16.98	3	Horizontal	29	1.95	-	38.80	39.91	8.31	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

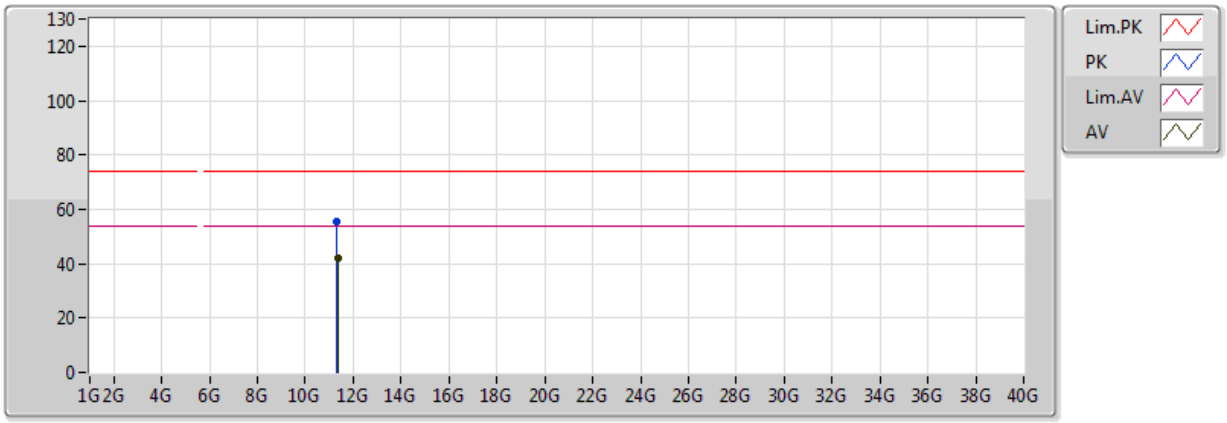


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6766G	105.29	Inf	-Inf	7.50	3	Vertical	316	1.65	-	97.79	32.08	5.79	30.37
AV	5.7336G	52.57	Inf	-Inf	7.61	3	Vertical	316	1.65	-	44.96	32.17	5.84	30.40
PK	5.6772G	115.17	Inf	-Inf	7.50	3	Vertical	316	1.65	-	107.67	32.08	5.79	30.38
PK	5.7318G	67.34	68.20	-0.86	7.61	3	Vertical	316	1.65	-	59.74	32.17	5.84	30.40

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

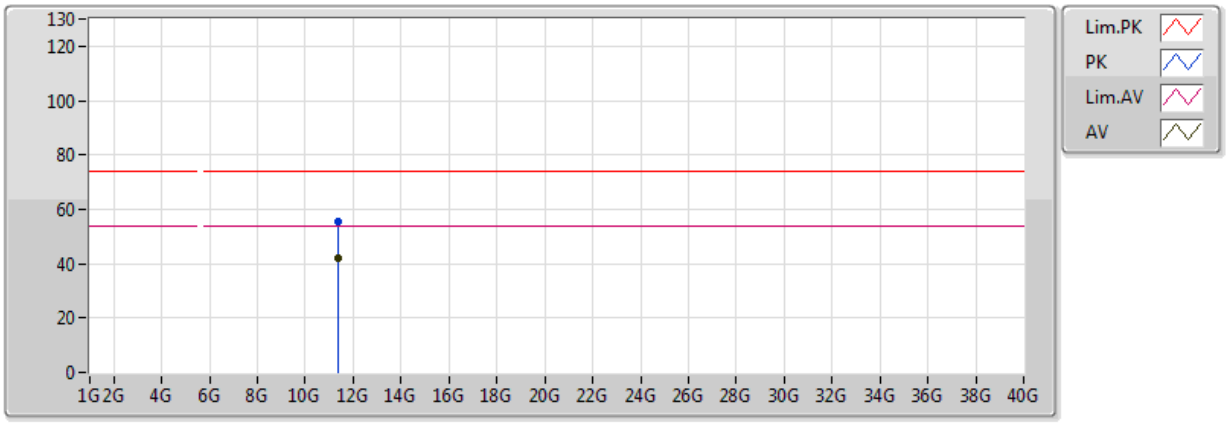


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34744G	42.04	54.00	-11.96	16.98	3	Vertical	111	1.79	-	25.06	39.91	8.31	31.25
PK	11.32848G	55.20	74.00	-18.80	17.00	3	Vertical	111	1.79	-	38.20	39.94	8.31	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

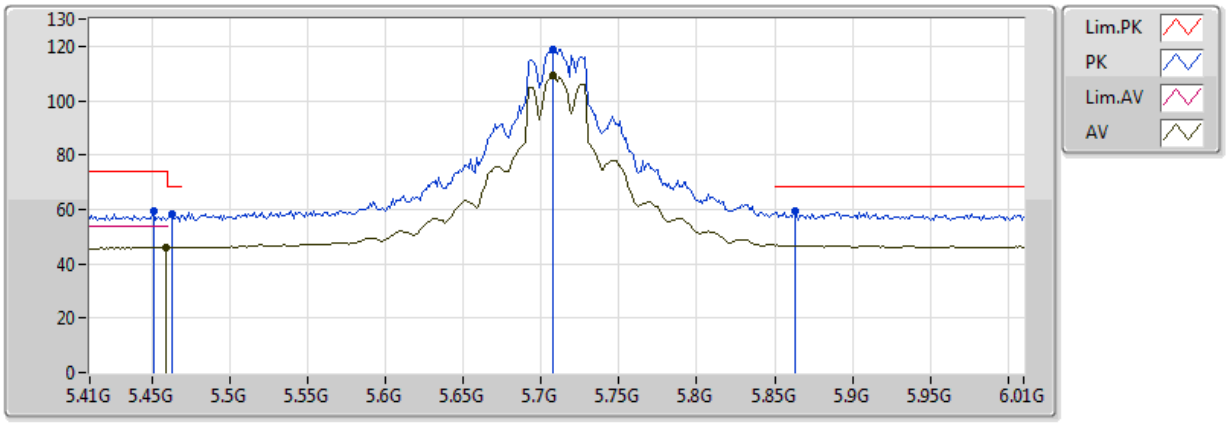


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34714G	41.99	54.00	-12.01	16.98	3	Horizontal	141	1.11	-	25.01	39.91	8.31	31.25
PK	11.34222G	55.33	74.00	-18.67	16.99	3	Horizontal	141	1.11	-	38.35	39.92	8.31	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

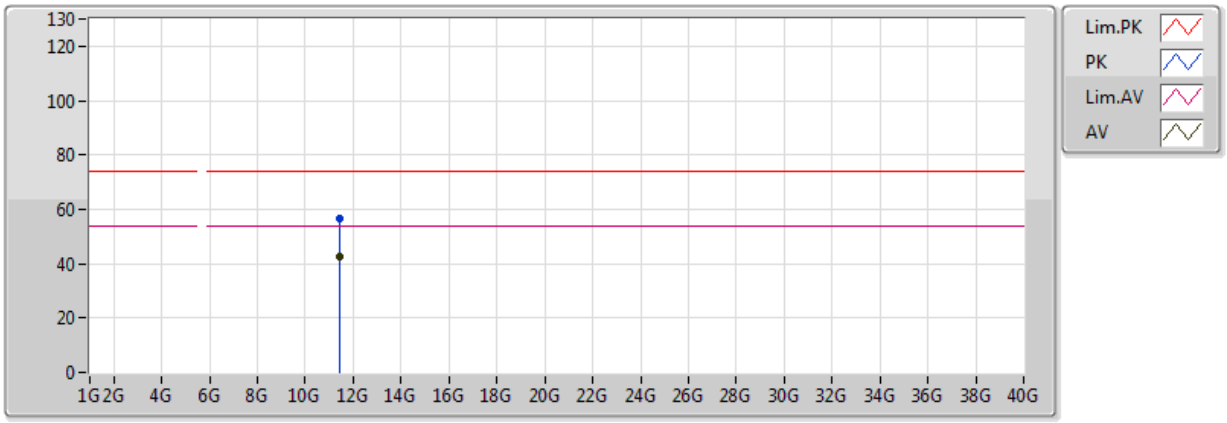


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	45.97	54.00	-8.03	7.16	3	Vertical	310	1.65	-	38.81	31.78	5.67	30.29
AV	5.7076G	109.35	Inf	-Inf	7.56	3	Vertical	310	1.65	-	101.79	32.13	5.82	30.39
PK	5.4508G	59.44	74.00	-14.56	7.16	3	Vertical	310	1.65	-	52.28	31.78	5.67	30.29
PK	5.4628G	58.53	68.20	-9.67	7.16	3	Vertical	310	1.65	-	51.37	31.79	5.67	30.29
PK	5.7076G	119.03	Inf	-Inf	7.56	3	Vertical	310	1.65	-	111.47	32.13	5.82	30.39
PK	5.8636G	59.49	68.20	-8.71	7.85	3	Vertical	310	1.65	-	51.64	32.38	5.93	30.46

802.11ac VHT40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

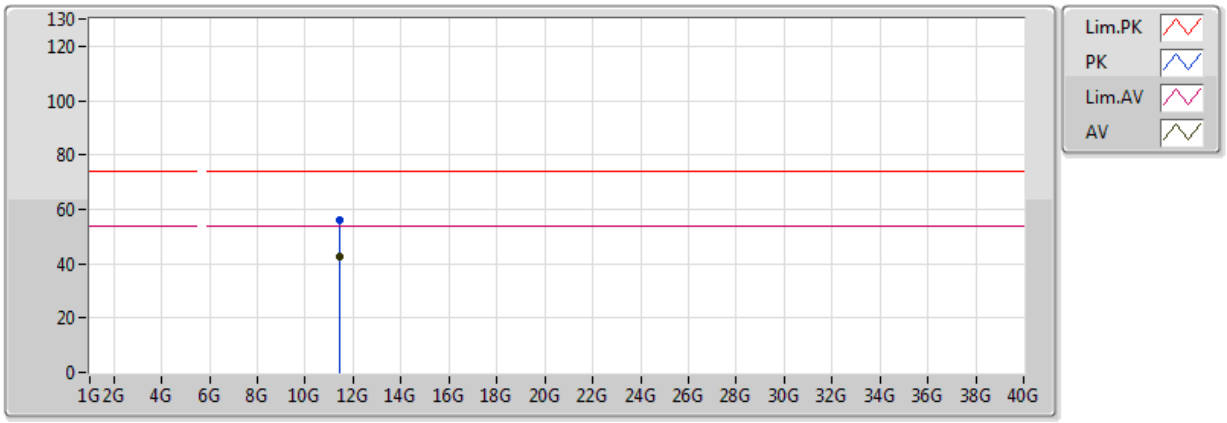


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4332G	42.46	54.00	-11.54	16.88	3	Vertical	219	2.39	-	25.58	39.79	8.34	31.25
PK	11.41436G	56.38	74.00	-17.62	16.90	3	Vertical	219	2.39	-	39.48	39.82	8.33	31.25

802.11ac VHT40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX

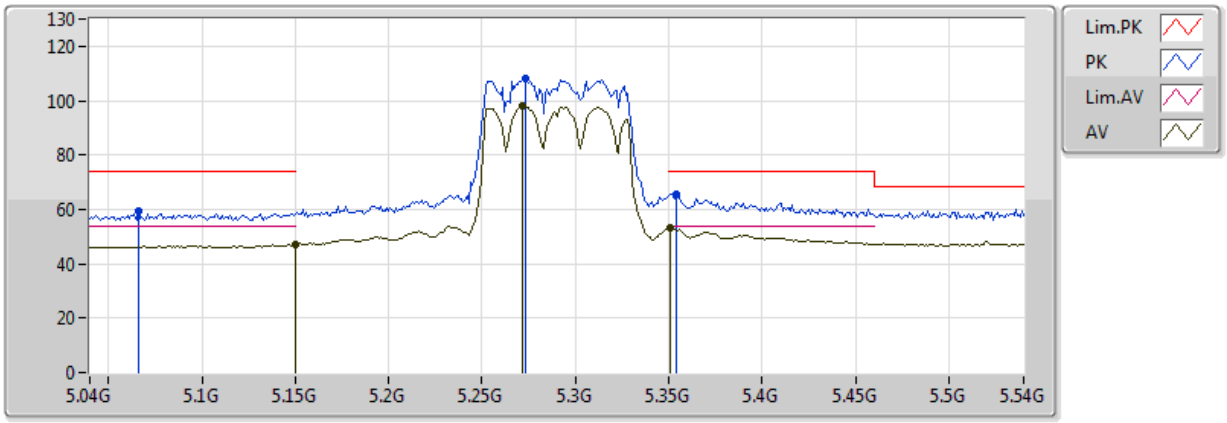


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43266G	42.52	54.00	-11.48	16.88	3	Horizontal	252	1.03	-	25.64	39.79	8.34	31.25
PK	11.40962G	56.03	74.00	-17.97	16.91	3	Horizontal	252	1.03	-	39.12	39.83	8.33	31.25

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

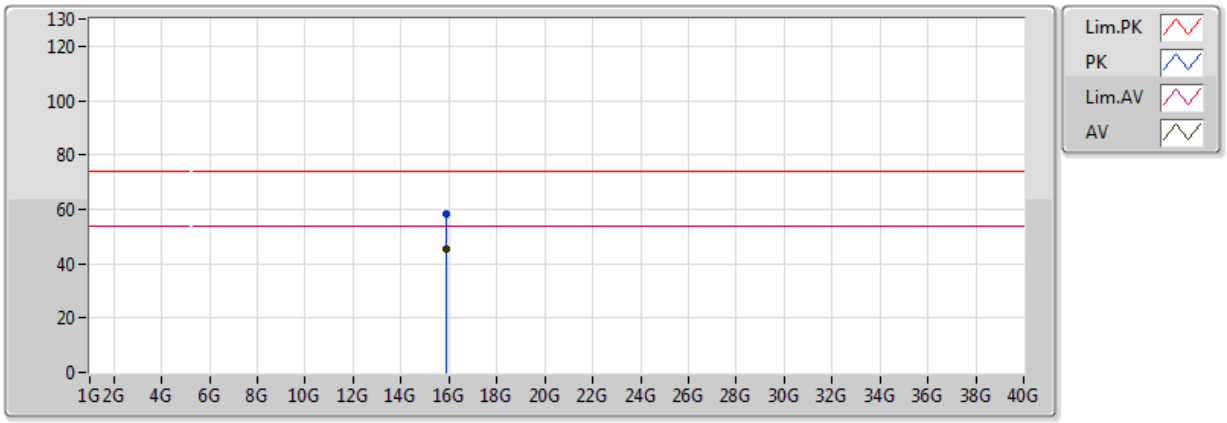


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.272G	97.95	Inf	-Inf	7.06	3	Vertical	306	1.64	-	90.89	31.71	5.64	30.29
AV	5.149995G	47.10	54.00	-6.90	7.00	3	Vertical	306	1.64	-	40.10	31.66	5.62	30.28
AV	5.351G	52.98	54.00	-1.02	7.10	3	Vertical	306	1.64	-	45.88	31.74	5.65	30.29
PK	5.273G	108.12	Inf	-Inf	7.06	3	Vertical	306	1.64	-	101.06	31.71	5.64	30.29
PK	5.066G	59.36	74.00	-14.64	6.95	3	Vertical	306	1.64	-	52.40	31.63	5.61	30.28
PK	5.354G	65.81	74.00	-8.19	7.11	3	Vertical	306	1.64	-	58.71	31.74	5.65	30.29

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

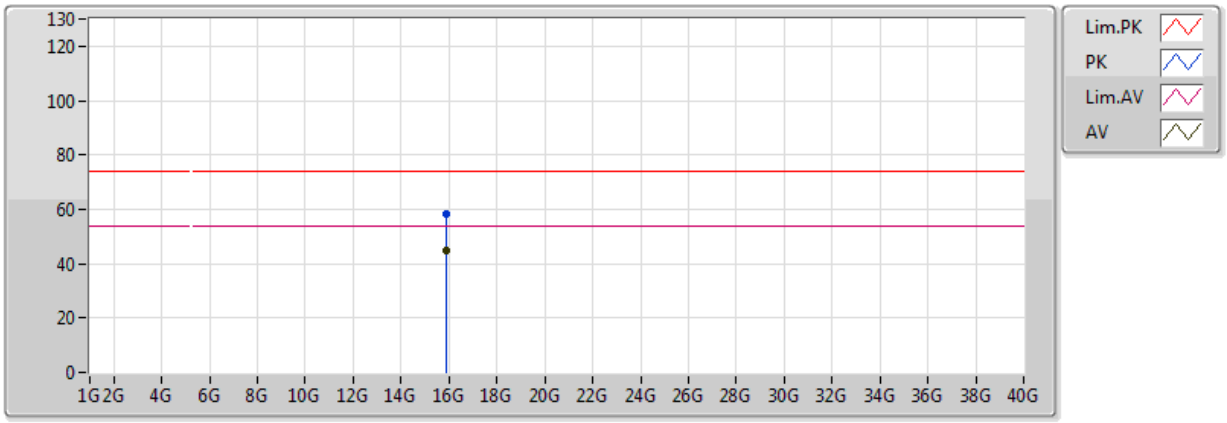


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.88428G	45.17	54.00	-8.83	15.57	3	Vertical	63	1.33	-	29.60	37.54	10.04	32.01
PK	15.85878G	58.37	74.00	-15.63	15.66	3	Vertical	63	1.33	-	42.70	37.64	10.03	32.01

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

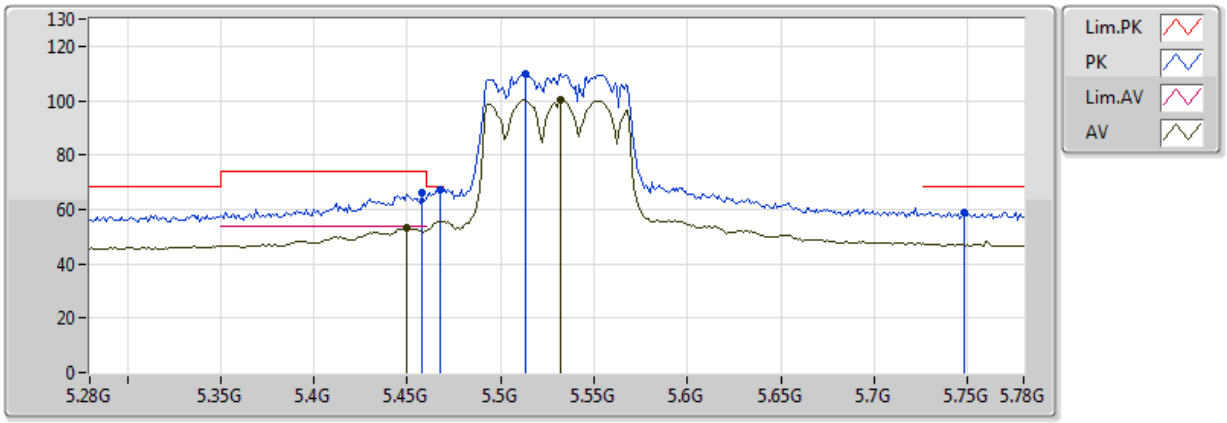


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.885G	45.04	54.00	-8.96	15.57	3	Horizontal	52	1.61	-	29.48	37.54	10.04	32.01
PK	15.88392G	58.49	74.00	-15.51	15.57	3	Horizontal	52	1.61	-	42.92	37.54	10.04	32.01

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

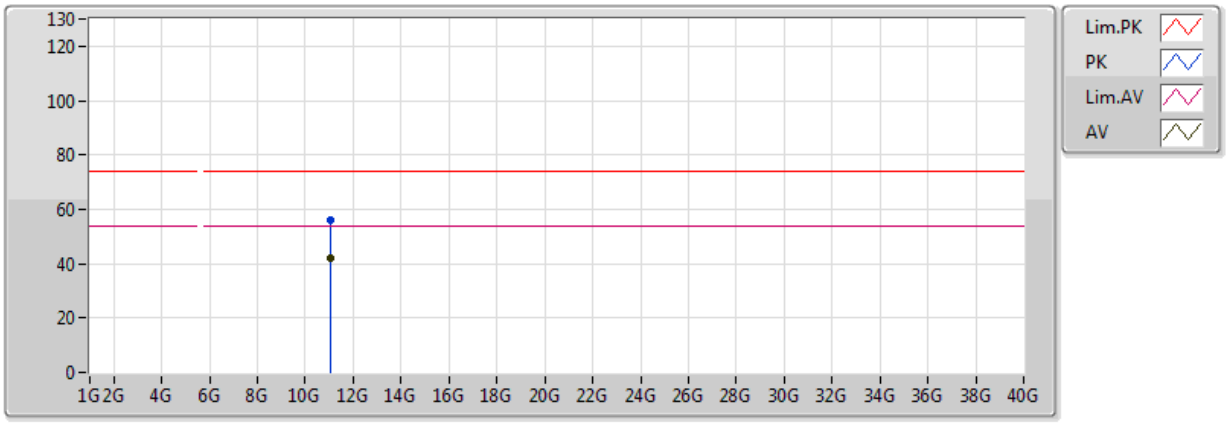


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.45G	53.22	54.00	-0.78	7.16	3	Vertical	311	1.67	-	46.06	31.78	5.67	30.29
AV	5.532G	100.33	Inf	-Inf	7.24	3	Vertical	311	1.67	-	93.09	31.85	5.69	30.31
PK	5.458G	66.01	74.00	-7.99	7.16	3	Vertical	311	1.67	-	58.85	31.78	5.67	30.29
PK	5.468G	67.37	68.20	-0.83	7.16	3	Vertical	311	1.67	-	60.21	31.79	5.67	30.29
PK	5.513G	109.97	Inf	-Inf	7.20	3	Vertical	311	1.67	-	102.77	31.82	5.68	30.30
PK	5.748G	59.06	68.20	-9.14	7.64	3	Vertical	311	1.67	-	51.42	32.20	5.85	30.41

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

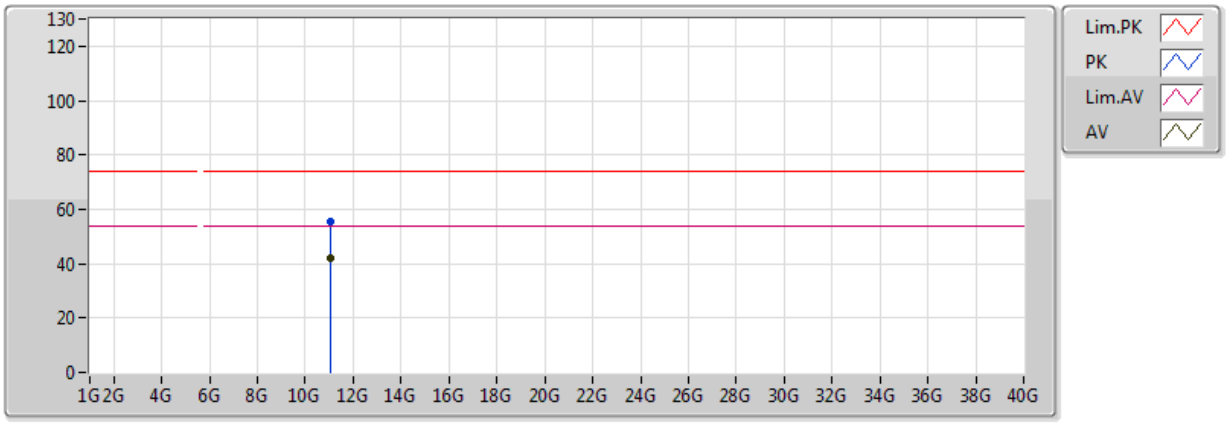


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.07296G	42.04	54.00	-11.96	17.30	3	Vertical	82	1.35	-	24.74	40.30	8.24	31.24
PK	11.05046G	55.77	74.00	-18.23	17.32	3	Vertical	82	1.35	-	38.45	40.33	8.23	31.24

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

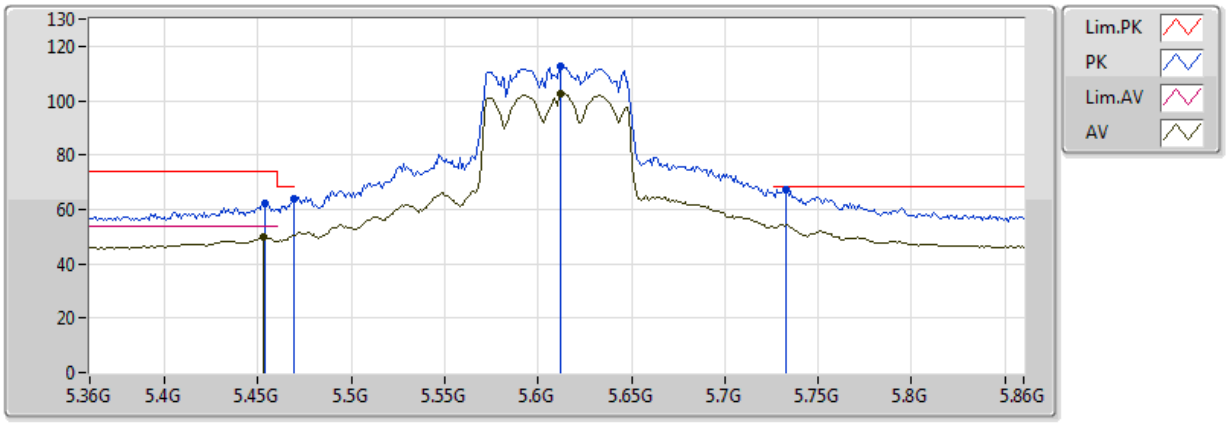


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.07278G	42.06	54.00	-11.94	17.30	3	Vertical	306	1.67	-	24.76	40.30	8.24	31.24
PK	11.04704G	55.59	74.00	-18.41	17.33	3	Vertical	306	1.67	-	38.26	40.33	8.23	31.24

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

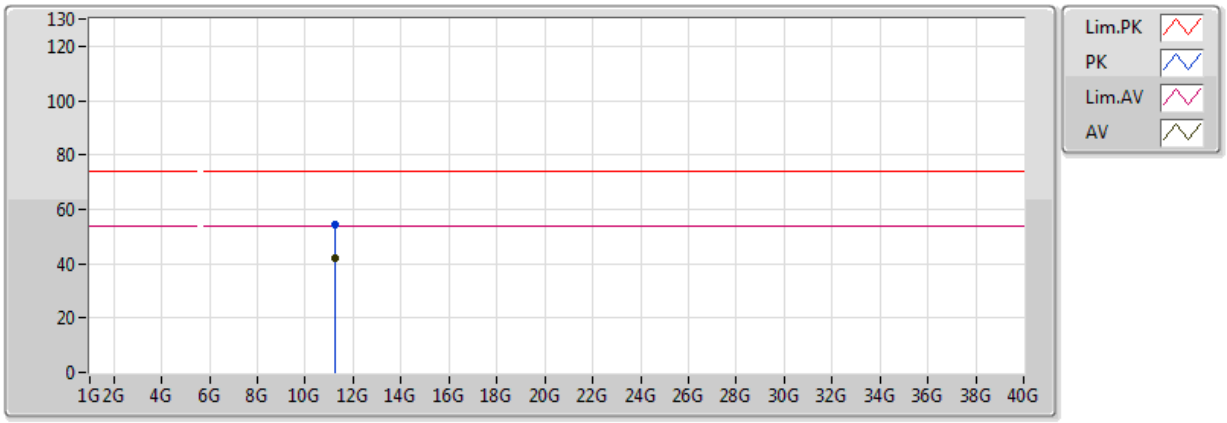


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.453G	49.74	54.00	-4.26	7.16	3	Vertical	312	1.57	-	42.58	31.78	5.67	30.29
AV	5.612G	102.66	Inf	-Inf	7.38	3	Vertical	312	1.57	-	95.28	31.98	5.75	30.34
PK	5.454G	62.29	74.00	-11.71	7.16	3	Vertical	312	1.57	-	55.13	31.78	5.67	30.29
PK	5.469G	63.75	68.20	-4.45	7.17	3	Vertical	312	1.57	-	56.58	31.79	5.67	30.29
PK	5.612G	112.74	Inf	-Inf	7.38	3	Vertical	312	1.57	-	105.36	31.98	5.75	30.34
PK	5.733G	67.34	68.20	-0.86	7.61	3	Vertical	312	1.57	-	59.73	32.17	5.84	30.40

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

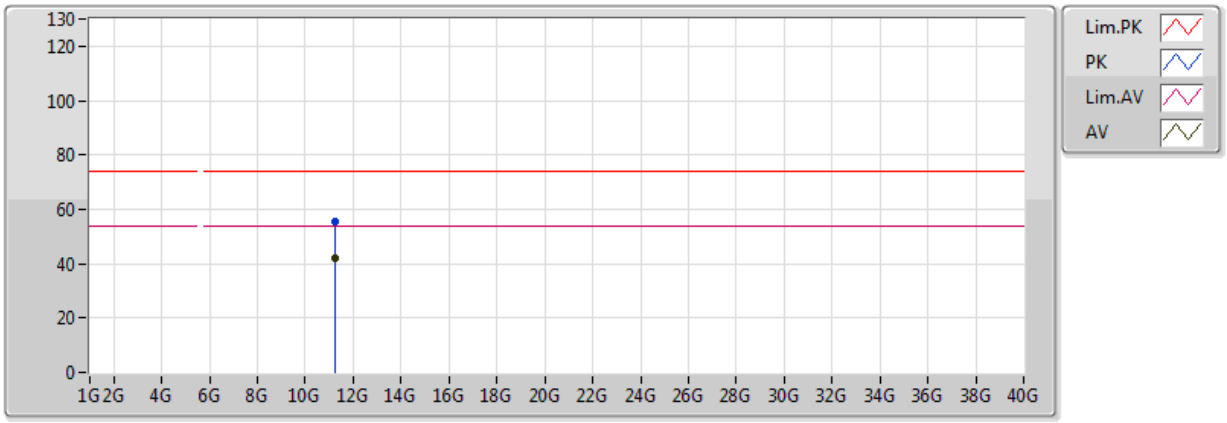


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.23014G	42.02	54.00	-11.98	17.12	3	Vertical	68	1.38	-	24.90	40.08	8.28	31.24
PK	11.2233G	54.48	74.00	-19.52	17.12	3	Vertical	68	1.38	-	37.36	40.09	8.28	31.24

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

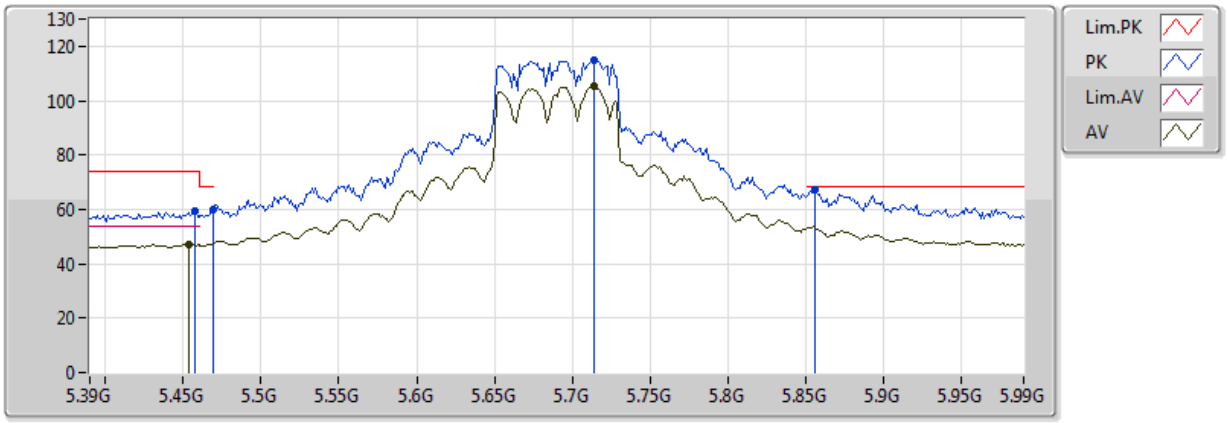


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.23122G	42.01	54.00	-11.99	17.11	3	Horizontal	292	1.37	-	24.90	40.08	8.28	31.24
PK	11.21184G	55.61	74.00	-18.39	17.14	3	Horizontal	292	1.37	-	38.48	40.10	8.28	31.24

802.11ac VHT80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

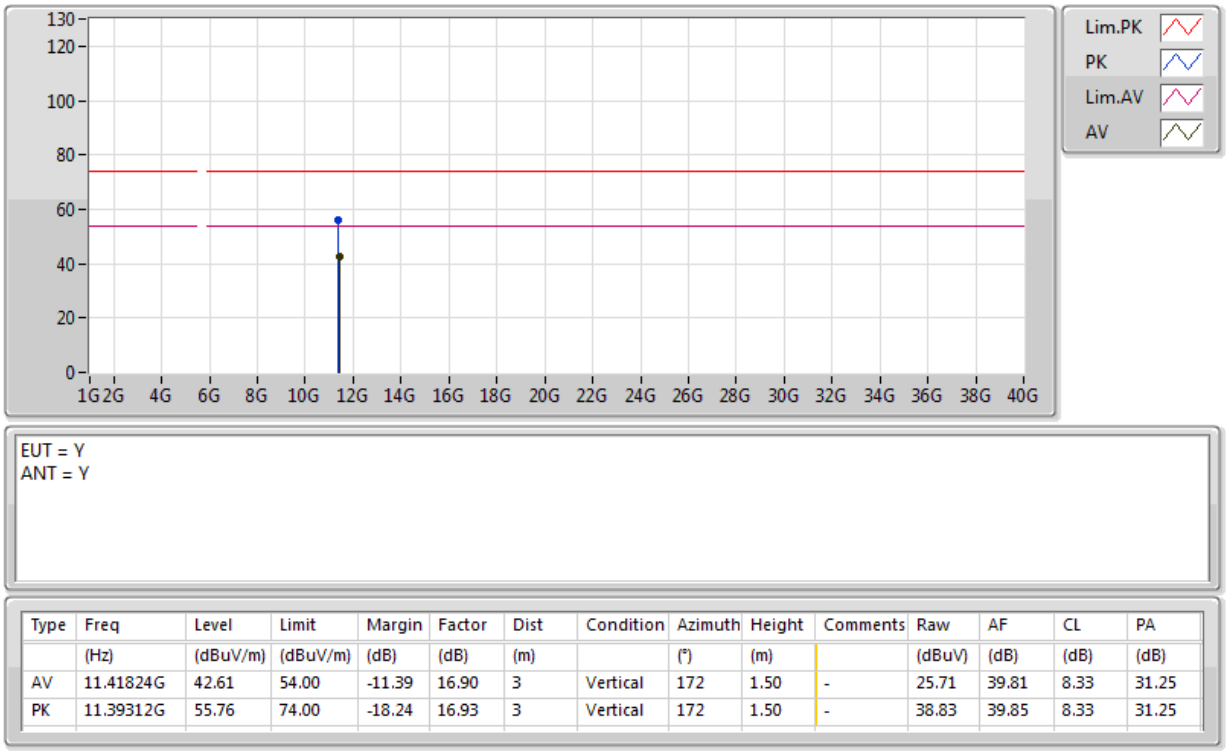


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4536G	47.23	54.00	-6.77	7.16	3	Vertical	316	1.71	-	40.08	31.78	5.67	30.29
AV	5.714G	105.29	Inf	-Inf	7.57	3	Vertical	316	1.71	-	97.72	32.14	5.82	30.39
PK	5.4572G	59.60	74.00	-14.40	7.16	3	Vertical	316	1.71	-	52.44	31.78	5.67	30.29
PK	5.4692G	59.94	68.20	-8.26	7.17	3	Vertical	316	1.71	-	52.78	31.79	5.67	30.29
PK	5.714G	114.95	Inf	-Inf	7.57	3	Vertical	316	1.71	-	107.38	32.14	5.82	30.39
PK	5.8556G	67.46	68.20	-0.74	7.84	3	Vertical	316	1.71	-	59.62	32.37	5.93	30.46

802.11ac VHT80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX

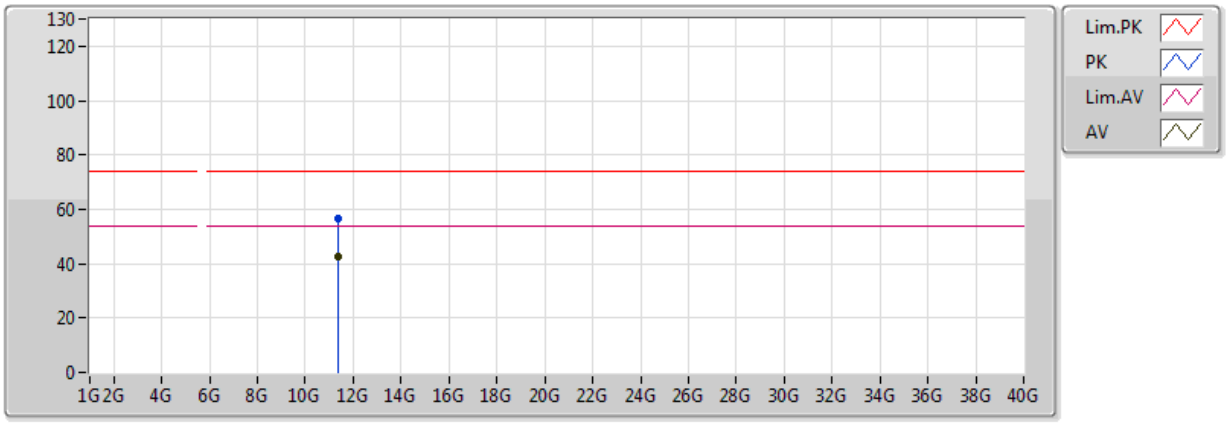


EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.41824G	42.61	54.00	-11.39	16.90	3	Vertical	172	1.50	-	25.71	39.81	8.33	31.25
PK	11.39312G	55.76	74.00	-18.24	16.93	3	Vertical	172	1.50	-	38.83	39.85	8.33	31.25

802.11ac VHT80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



EUT = Y
ANT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3896G	42.37	54.00	-11.63	16.93	3	Horizontal	13	1.01	-	25.44	39.85	8.33	31.25
PK	11.37286G	56.35	74.00	-17.65	16.95	3	Horizontal	13	1.01	-	39.40	39.88	8.32	31.25

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.47-5.725GHz	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	5.58G	5.58003568G	6.394	20	1	10 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5580MHz_-40°C	Pass	5.58G	5.58002278G	4.082	20	1	0 min
5580MHz_-40°C	Pass	5.58G	5.58002286G	4.097	20	1	2 min
5580MHz_-40°C	Pass	5.58G	5.58002292G	4.107	20	1	5 min
5580MHz_-40°C	Pass	5.58G	5.58002294G	4.112	20	1	10 min
5580MHz_-30°C	Pass	5.58G	5.58002754G	4.935	20	1	0 min
5580MHz_-30°C	Pass	5.58G	5.58002759G	4.944	20	1	2 min
5580MHz_-30°C	Pass	5.58G	5.58002763G	4.952	20	1	5 min
5580MHz_-30°C	Pass	5.58G	5.58002765G	4.955	20	1	10 min
5580MHz_-20°C	Pass	5.58G	5.58003274G	5.868	20	1	0 min
5580MHz_-20°C	Pass	5.58G	5.58003274G	5.867	20	1	2 min
5580MHz_-20°C	Pass	5.58G	5.58003278G	5.874	20	1	5 min
5580MHz_-20°C	Pass	5.58G	5.58003272G	5.864	20	1	10 min
5580MHz_-10°C	Pass	5.58G	5.58002227G	3.991	20	1	0 min
5580MHz_-10°C	Pass	5.58G	5.5800223G	3.996	20	1	2 min
5580MHz_-10°C	Pass	5.58G	5.58002228G	3.992	20	1	5 min
5580MHz_-10°C	Pass	5.58G	5.58002231G	3.998	20	1	10 min
5580MHz_0°C	Pass	5.58G	5.58000791G	1.418	20	1	0 min
5580MHz_0°C	Pass	5.58G	5.58000792G	1.42	20	1	2 min
5580MHz_0°C	Pass	5.58G	5.58000789G	1.413	20	1	5 min
5580MHz_0°C	Pass	5.58G	5.58000788G	1.412	20	1	10 min
5580MHz_10°C	Pass	5.58G	5.57999173G	1.482	20	1	0 min
5580MHz_10°C	Pass	5.58G	5.57999168G	1.492	20	1	2 min
5580MHz_10°C	Pass	5.58G	5.57999163G	1.501	20	1	5 min
5580MHz_10°C	Pass	5.58G	5.57999157G	1.511	20	1	10 min
5580MHz_20°C	Pass	5.58G	5.57998952G	1.878	20	1	0 min
5580MHz_20°C	Pass	5.58G	5.57998949G	1.883	20	1	2 min
5580MHz_20°C	Pass	5.58G	5.57998945G	1.891	20	1	5 min
5580MHz_20°C	Pass	5.58G	5.57998942G	1.897	20	1	10 min
5580MHz_30°C	Pass	5.58G	5.57998605G	2.499	20	1	0 min
5580MHz_30°C	Pass	5.58G	5.57998611G	2.49	20	1	2 min
5580MHz_30°C	Pass	5.58G	5.57998612G	2.488	20	1	5 min
5580MHz_30°C	Pass	5.58G	5.57998615G	2.481	20	1	10 min
5580MHz_40°C	Pass	5.58G	5.58003565G	6.388	20	1	0 min
5580MHz_40°C	Pass	5.58G	5.58003565G	6.389	20	1	2 min
5580MHz_40°C	Pass	5.58G	5.58003567G	6.393	20	1	5 min
5580MHz_40°C	Pass	5.58G	5.58003568G	6.394	20	1	10 min
5580MHz_50°C	Pass	5.58G	5.58002087G	3.74	20	1	0 min
5580MHz_50°C	Pass	5.58G	5.58002076G	3.72	20	1	2 min
5580MHz_50°C	Pass	5.58G	5.58002064G	3.7	20	1	5 min
5580MHz_50°C	Pass	5.58G	5.58002054G	3.682	20	1	10 min
5580MHz_60°C	Pass	5.58G	5.58000552G	0.988	20	1	0 min
5580MHz_60°C	Pass	5.58G	5.58000558G	1.001	20	1	2 min
5580MHz_60°C	Pass	5.58G	5.58000565G	1.013	20	1	5 min

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5580MHz_60°C	Pass	5.58G	5.58000573G	1.027	20	1	10 min
5580MHz_70°C	Pass	5.58G	5.58001811G	3.246	20	1	0 min
5580MHz_70°C	Pass	5.58G	5.58001812G	3.248	20	1	2 min
5580MHz_70°C	Pass	5.58G	5.58001813G	3.248	20	1	5 min
5580MHz_70°C	Pass	5.58G	5.58001815G	3.253	20	1	10 min
5580MHz_138V	Pass	5.58G	5.57998917G	1.94	20	1	0 min
5580MHz_138V	Pass	5.58G	5.57998916G	1.943	20	1	2 min
5580MHz_138V	Pass	5.58G	5.5799891G	1.953	20	1	5 min
5580MHz_138V	Pass	5.58G	5.57998906G	1.961	20	1	10 min
5580MHz_120V	Pass	5.58G	5.57999002G	1.788	20	1	0 min
5580MHz_120V	Pass	5.58G	5.57998998G	1.796	20	1	2 min
5580MHz_120V	Pass	5.58G	5.57998993G	1.805	20	1	5 min
5580MHz_120V	Pass	5.58G	5.57998989G	1.812	20	1	10 min
5580MHz_102V	Pass	5.58G	5.57999059G	1.687	20	1	0 min
5580MHz_102V	Pass	5.58G	5.57999056G	1.692	20	1	2 min
5580MHz_102V	Pass	5.58G	5.57999053G	1.696	20	1	5 min
5580MHz_102V	Pass	5.58G	5.57999048G	1.705	20	1	10 min