

FCC Test Report

Equipment : Wireless Access Point
Brand Name : **riverbed**
Model No. : XD2230
FCC ID : SK6-XD2230
Standard : 47 CFR FCC Part 15.407
Operating Band : 5250 MHz – 5350 MHz
5470 MHz – 5725 MHz
Applicant / Manufacturer : RIVERBED TECHNOLOGY INC
680 Folsom Street, San Francisco CA, 94107-1397, U.S.A
Function : ☐ Outdoor; ☒ Indoor; ☐ Fixed P2P
☐ Client
TPC Function : TPC

The product sample received on Jun. 05, 2017 and completely tested on May 28, 2018. 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.


Allen Lin
SPORTON INTERNATIONAL INC.





Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information.....	5
1.2	Testing Applied Standards	7
1.3	Testing Location Information	7
1.4	Measurement Uncertainty	7
2	TEST CONFIGURATION OF EUT.....	8
2.1	Test Condition	8
2.2	Test Channel Mode	8
2.3	The Worst Case Measurement Configuration.....	11
2.4	Support Equipment.....	12
2.5	Test Setup Diagram	13
3	TRANSMITTER TEST RESULT	15
3.1	AC Power-line Conducted Emissions	15
3.2	Emission Bandwidth	16
3.3	Maximum Conducted Output Power	17
3.4	Peak Power Spectral Density.....	19
3.5	Unwanted Emissions.....	21
4	TEST EQUIPMENT AND CALIBRATION DATA	25
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS		
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH		
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER		
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY		
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS		
APPENDIX F. TEST PHOTOS		
PHOTOGRAPHS OF EUT V01		



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

Revision History

[illegible]

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 5725		5720	144 [1]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
straddle 5725		5710	142 [1]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
straddle 5725		5690	138 [1]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	3TX
5.47-5.725GHz	802.11a	20	3TX
Straddle 5.725GHz	802.11a	20	3TX
5.25-5.35GHz	802.11ac VHT20	20	3TX
5.47-5.725GHz	802.11ac VHT20	20	3TX
Straddle 5.725GHz	802.11ac VHT20	20	3TX
5.25-5.35GHz	802.11ac VHT40	40	3TX
5.47-5.725GHz	802.11ac VHT40	40	3TX
Straddle 5.725GHz	802.11ac VHT40	40	3TX
5.25-5.35GHz	802.11ac VHT80	80	3TX
5.47-5.725GHz	802.11ac VHT80	80	3TX
Straddle 5.725GHz	802.11ac VHT80	80	3TX

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

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		
						U-NII-2A	U-NII-2C	UNII-3
1	1	-	-	PIFA Antenna	I-PEX	5.16	5.10	5.97
2	2	-	-	PIFA Antenna	I-PEX	5.16	5.10	5.97
3	3	-	-	PIFA Antenna	I-PEX	5.16	5.10	5.97

Note: 1: 802.11a/n/ac used three antennas are for signal transmitting and receiving.(3T3R Spatial Multiplexing MIMO configuration)

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	
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

<BCM43460>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.232	2.068m	1k
802.11ac VHT20	0.987	0.057	n/a (DC≥0.98)	n/a (DC≥0.98)
802.11ac VHT40	0.974	0.114	954.375u	3k
802.11ac VHT80	0.948	0.232	461.875u	3k

<BCM43525>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.938	0.278	2.067m	1k
802.11ac VHT20	0.99	0.044	n/a (DC≥0.98)	n/a (DC≥0.98)
802.11ac VHT40	0.973	0.119	954.375u	3k
802.11ac VHT80	0.941	0.264	462.5u	3k

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Lisa	24.5°C / 65%	22/May/2017
RF Conducted <retest>	TH06-HY	Tim	24.5°C / 64%	28/May/2018
Radiated <BCM43460>	03CH09-HY	Terry	24.1°C / 57%	17/May/2017
Radiated <BCM43525>	03CH09-HY	Jeff	24.1°C / 57%	17/May/2017
AC Conduction	CO04-HY	Teddy	22°C / 62%	21/Jun/2017

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

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

2.2 Test Channel Mode

Test Software Version	MTool_REL_3_0_0_3、Xircon、tftp32
-----------------------	---------------------------------

<BCM43460>

Mode	Power Setting
802.11a_(6Mbps)_3TX	-
5260MHz	56
5300MHz	57
5320MHz	57
5500MHz	56
5580MHz	55
5700MHz	58
5720MHz Straddle 5.47-5.725GHz	57
5720MHz Straddle 5.725-5.85GHz	57
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5260MHz	59
5300MHz	59
5320MHz	59
5500MHz	56
5580MHz	56
5700MHz	60
5720MHz Straddle 5.47-5.725GHz	59
5720MHz Straddle 5.725-5.85GHz	59
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5270MHz	63
5310MHz	64
5510MHz	59
5550MHz	66
5670MHz	64
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5290MHz	62
5530MHz	57



FCC Test Report

Report No. : FR760263-05AN

Mode	Power Setting
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	75
5690MHz Straddle 5.725-5.85GHz	75

**<BCM43525>**

Mode	Power Setting
802.11a_(6Mbps)_3TX	-
5260MHz	60
5300MHz	60
5320MHz	59
5500MHz	59
5580MHz	59
5700MHz	62
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5260MHz	62
5300MHz	61
5320MHz	61
5500MHz	61
5580MHz	61
5700MHz	63
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5270MHz	74
5310MHz	60
5510MHz	59
5550MHz	73
5670MHz	73
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5290MHz	54
5530MHz	60
5610MHz	72
5690MHz Straddle 5.47-5.725GHz	74
5690MHz Straddle 5.725-5.85GHz	74

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	Normal Link
1	WiFi module: iAP1 (2.4G on) & iAP2 (5G on), LAN 1Gbps, LAN (with PoE) 1Gbps
2	WiFi module: iAP1 (5G on) & iAP2 (5G on), LAN 1Gbps, LAN (with PoE) 1Gbps
Mode 2 configuration was tested and found to be the worst case and measured during the test.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density Unwanted Emissions
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	CTX	
1	PoE mode < BCM43460>	
2	PoE mode < BCM43525>	
Orthogonal Planes of EUT	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 <BCM43460> + WLAN 5GHz <BCM43525>
2	Bluetooth + WLAN 5GHz <BCM43460> + WLAN 5GHz <BCM43525>
Refer to Sporton Test Report No.: FA760263-01 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 NB	DELL	HA65NM130	DoC
3	AC Source	GW	APS-9102	-

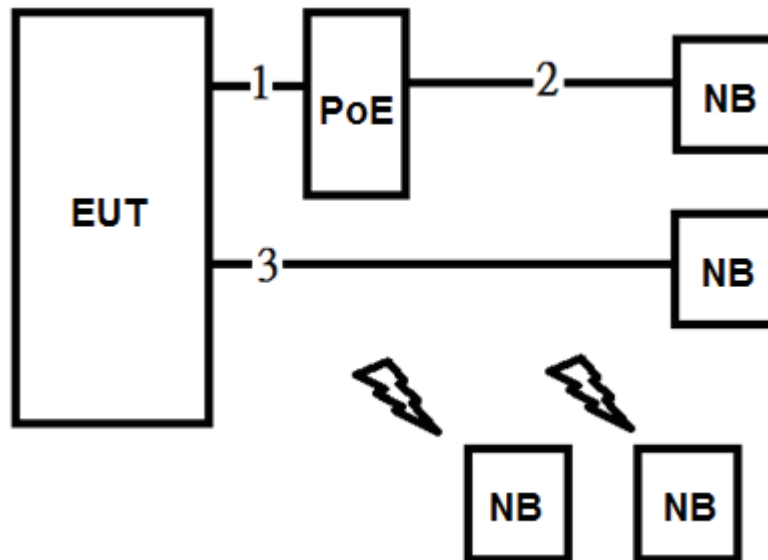
Support Equipment - Radiated Emission				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE	Xirrus	POE75U-1UP-X	-

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

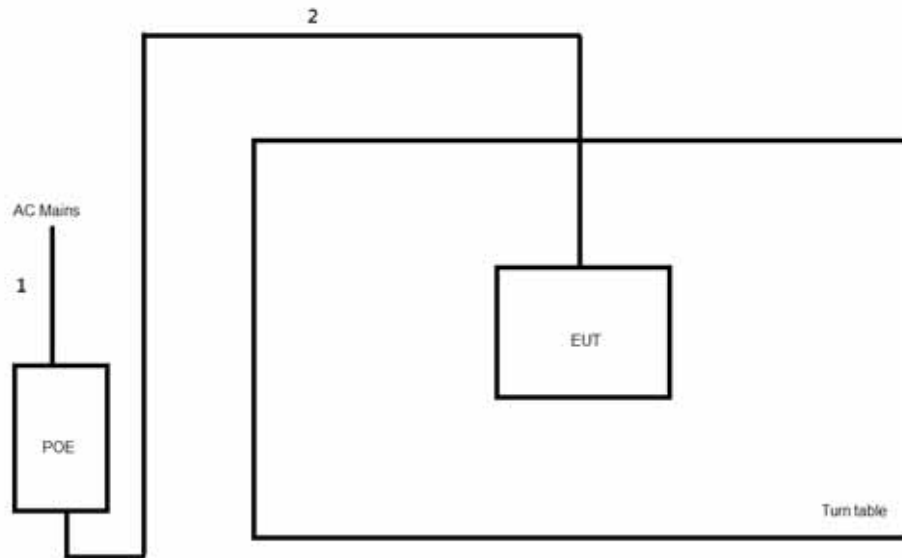
Support Equipment - AC Conduction				
No.	Equipment	Brand Name	Model Name	FCC ID
1	PoE	Microsemi	PD-9001GR/AC	DoC
2	Notebook	DELL	VOSTRO 3350	DoC
3	Notebook	DELL	VOSTRO 3350	DoC
4	Notebook1(5G)*2	DELL	E5430	DoC

2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	RJ45 Cable	No	1
2	RJ45 Cable	No	10
3	RJ45 Cable	No	10

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length
1	AC Power Line	No	1.5m
2	LAN cable	No	10m

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.

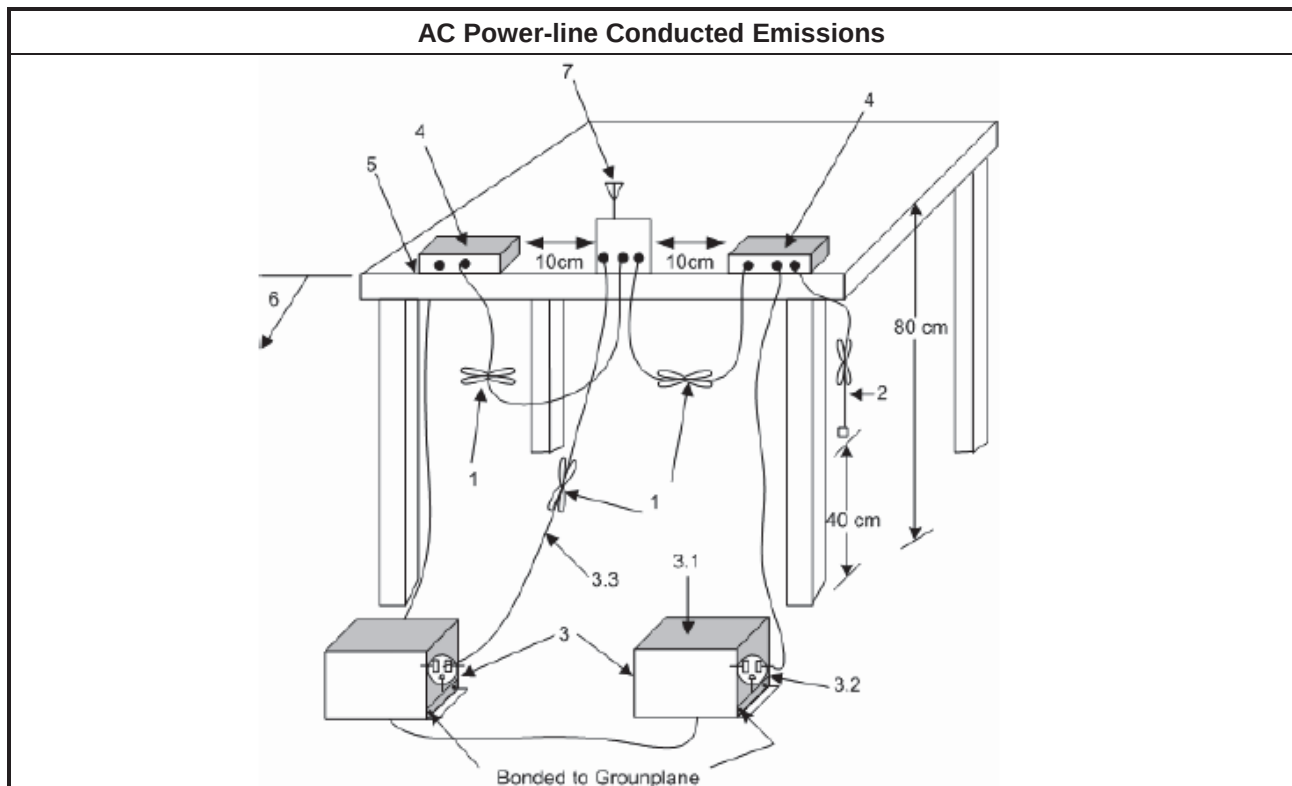
3.1.2 Measuring Instruments

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



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 $\geq$ 500kHz.

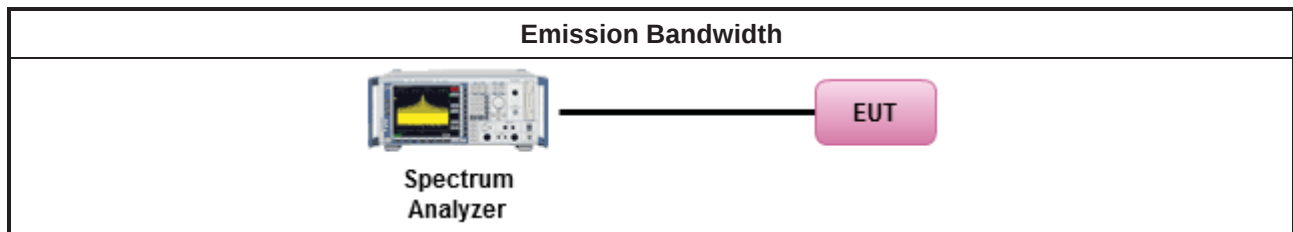
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



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.	

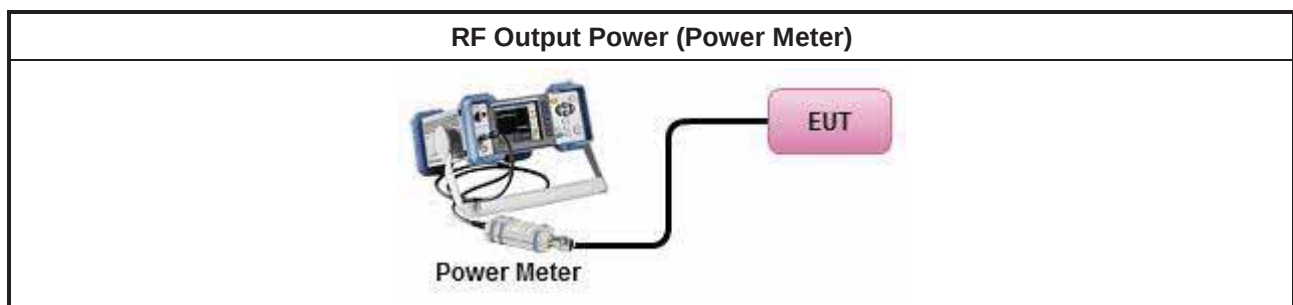
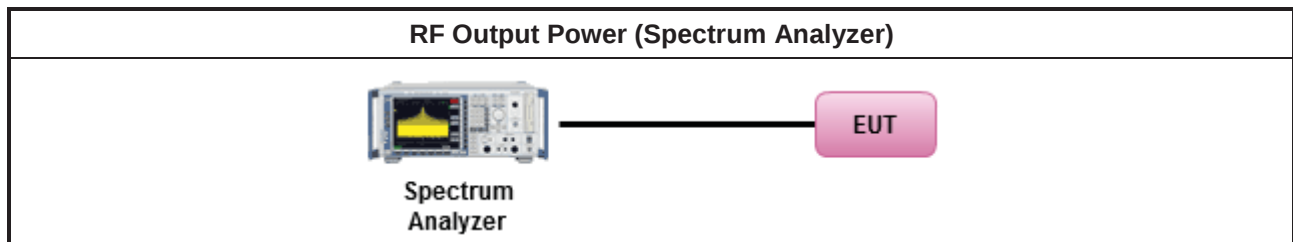
3.3.2 Measuring Instruments

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 $\geq 98\%$
☒	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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



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.

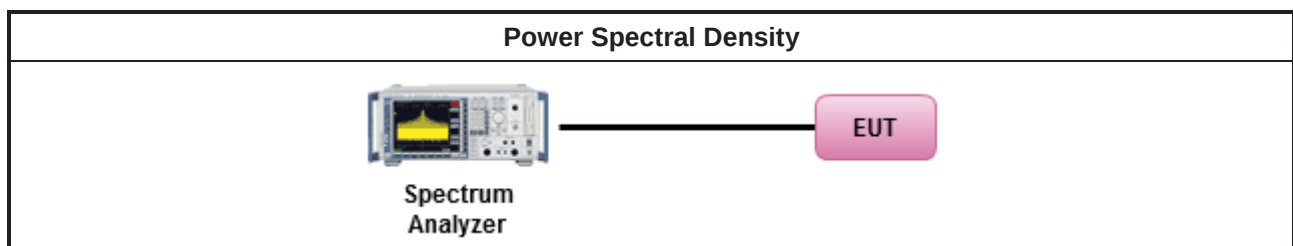
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



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.

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).

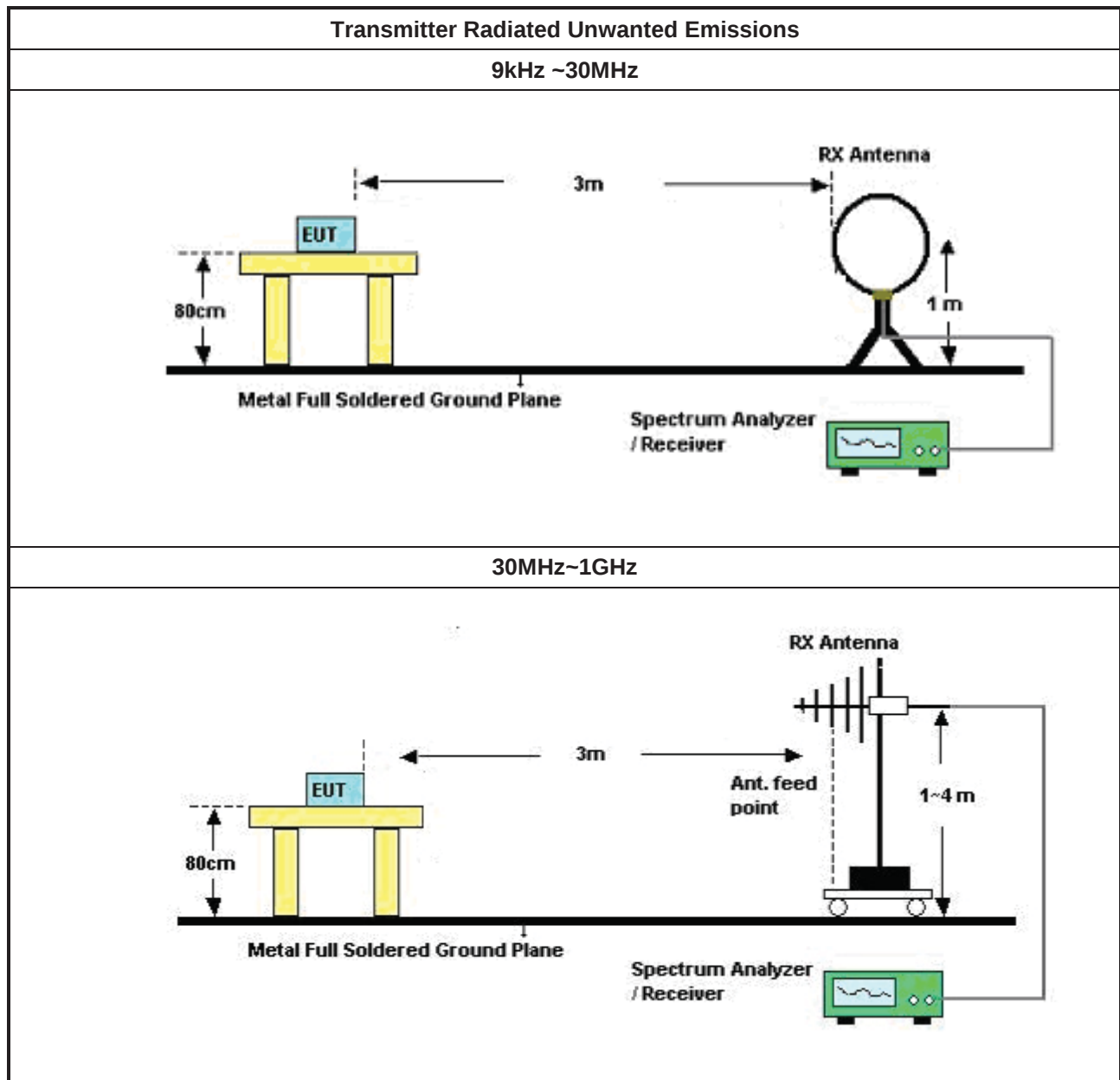
3.5.2 Measuring Instruments

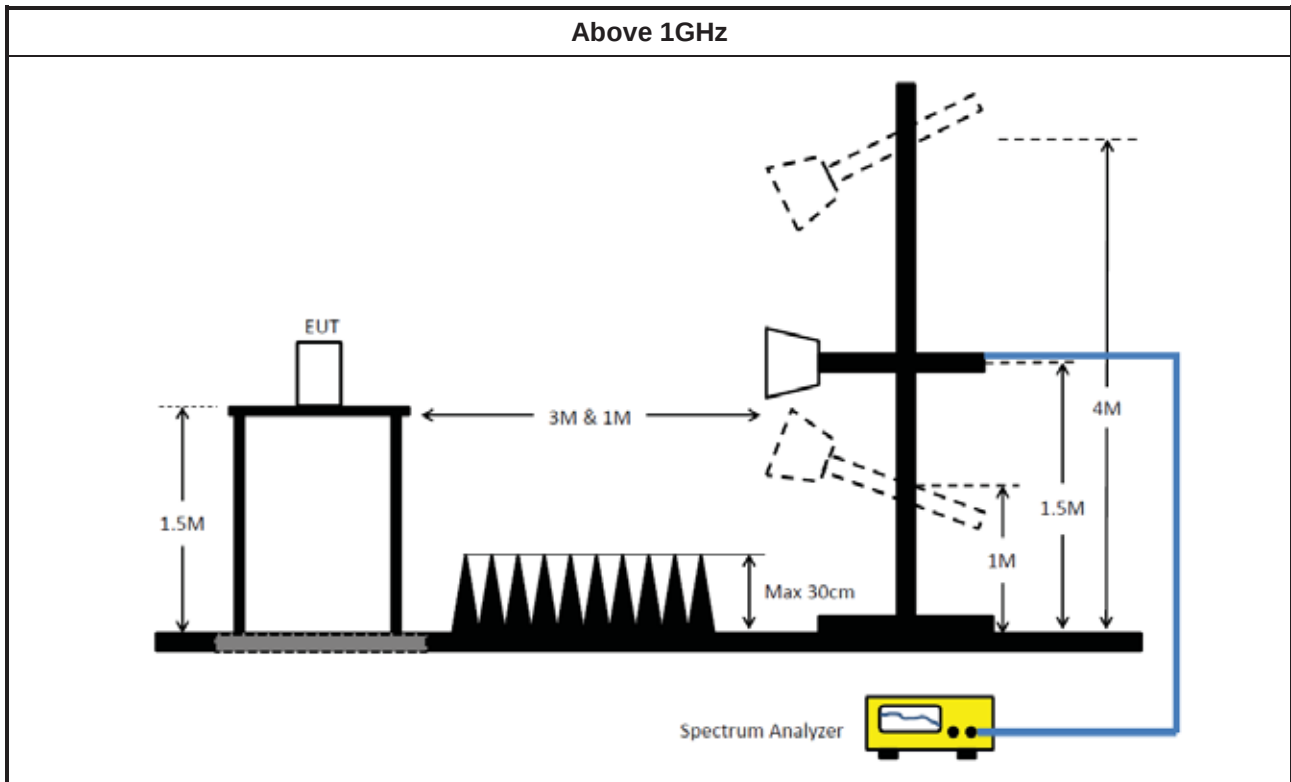
Refer a test equipment and calibration data table in this test report.

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 $\geq$ 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





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

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	102051	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2016	14/Nov/2017
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
Impedance Stabilization Network	TESEQ	ISN T800	30330	9kHz ~ 30MHz	13/Apr/2017	12/Apr/2018
Impuls Begrenzer Pulse Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	20/Oct/2016	19/Oct/2017

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2016	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	21/Jun/2016	20/Jun/2017
Amplifier	Agilent	8449B	3008A02364	1GHz ~ 26.5GHz	17/Nov/2016	16/Nov/2017
Amplifier	EMC	EMC9135	980209	9KHz~1GHz	05/Sep/2016	04/Sep/2017
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	04/Jul/2016	03/Jul/2017
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	02/Jun/2015	01/Jun/2017
Loop Antenna	R&S	HFH2-Z2	100330	9 kHz~30 MHz	10/Nov/2016	09/Nov/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	23/Jul/2016	22/Jul/2017
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	23/Jul/2016	22/Jul/2017
Receiver	R&S	ESU-26	100422/026	20Hz ~ 26.5GHz	21/Sep/2016	20/Sep/2017

**Instrument for Conducted Test**

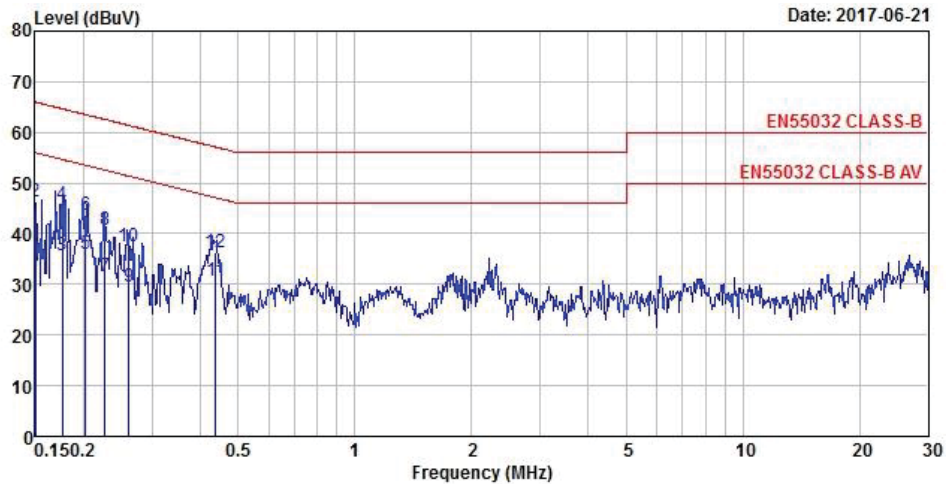
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
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	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12586/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

Instrument for Conducted Test- retest

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/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
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

AC Power-line Conducted Emissions Result

Operating Mode	2	Power Phase	Neutral
Operating Function	WiFi module: iAP1 (5G on) & iAP2 (5G on), LAN 1Gbps, LAN (with PoE) 1Gbps		

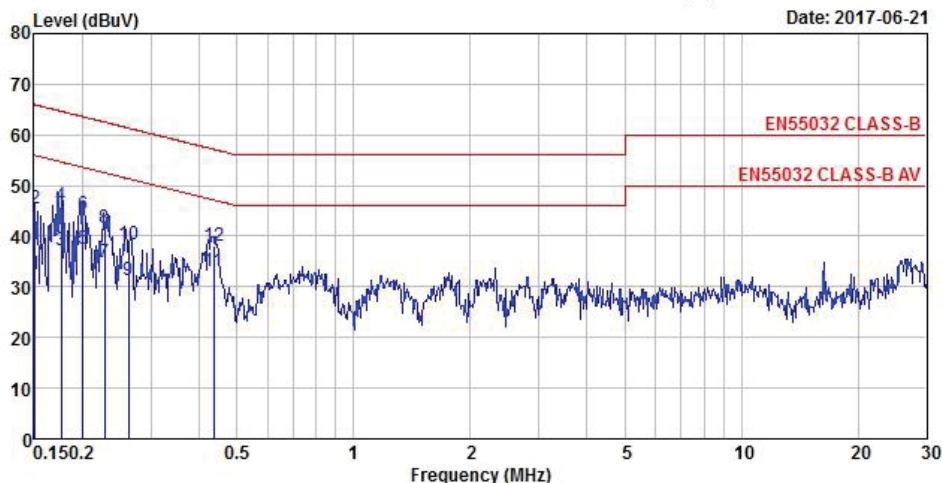


	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	32.41	-23.59	56.00	22.59	9.60	0.22	Average
2	0.15	46.32	-19.68	66.00	36.50	9.60	0.22	QP
3	0.18	35.66	-19.02	54.68	25.76	9.64	0.26	Average
4	0.18	45.79	-18.89	64.68	35.89	9.64	0.26	QP
5	0.20	35.96	-17.58	53.54	25.99	9.67	0.30	Average
6	0.20	43.70	-19.84	63.54	33.73	9.67	0.30	QP
7	0.23	31.68	-20.89	52.57	21.76	9.66	0.26	Average
8	0.23	40.84	-21.73	62.57	30.92	9.66	0.26	QP
9	0.26	29.57	-21.81	51.38	19.70	9.65	0.22	Average
10	0.26	37.52	-23.86	61.38	27.65	9.65	0.22	QP
11 MAX	0.44	30.70	-16.41	47.11	20.97	9.63	0.10	Average
12	0.44	36.26	-20.85	57.11	26.53	9.63	0.10	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	2	Power Phase	Line
Operating Function	WiFi module: iAP1 (5G on) & iAP2 (5G on), LAN 1Gbps, LAN (with PoE) 1Gbps		



	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15	32.47	-23.49	55.96	22.59	9.66	0.22	Average
2	0.15	45.56	-20.40	65.96	35.68	9.66	0.22	QP
3	0.18	37.22	-17.46	54.68	27.31	9.65	0.26	Average
4	0.18	45.99	-18.69	64.68	36.08	9.65	0.26	QP
5	0.20	37.58	-16.00	53.58	27.63	9.65	0.30	Average
6	0.20	44.30	-19.28	63.58	34.35	9.65	0.30	QP
7	0.23	34.83	-17.69	52.52	24.91	9.66	0.26	Average
8	0.23	41.59	-20.93	62.52	31.67	9.66	0.26	QP
9	0.26	31.21	-20.13	51.34	21.33	9.66	0.22	Average
10	0.26	38.33	-23.01	61.34	28.45	9.66	0.22	QP
11 MAX	0.44	33.14	-14.01	47.15	23.36	9.68	0.10	Average
12	0.44	38.14	-19.01	57.15	28.36	9.68	0.10	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)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.25-5.35GHz	20.45M	16.7M	16M7D1D	20.175M	16.625M
5.47-5.725GHz	20.475M	16.725M	16M7D1D	15.18M	13.395M
5.725-5.85GHz	3.16M	3.78M	3M8D1D	3.08M	3.66M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	22.525M	17.85M	17M8D1D	20.5M	17.75M
5.47-5.725GHz	21.275M	17.875M	17M9D1D	15.465M	13.935M
5.725-5.85GHz	3.8M	4.12M	4M1D1D	3.72M	4.06M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	62.6M	36.282M	36M3D1D	39.75M	36.182M
5.47-5.725GHz	55.65M	36.382M	36M4D1D	41.05M	33.355M
5.725-5.85GHz	3.12M	19.32M	19M3D1D	3.06M	15.08M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	86.2M	75.962M	76M0D1D	82.7M	75.562M
5.47-5.725GHz	150.6M	76.062M	76M1D1D	82.3M	72.975M
5.725-5.85GHz	3.08M	35.58M	35M6D1D	3.06M	34.16M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

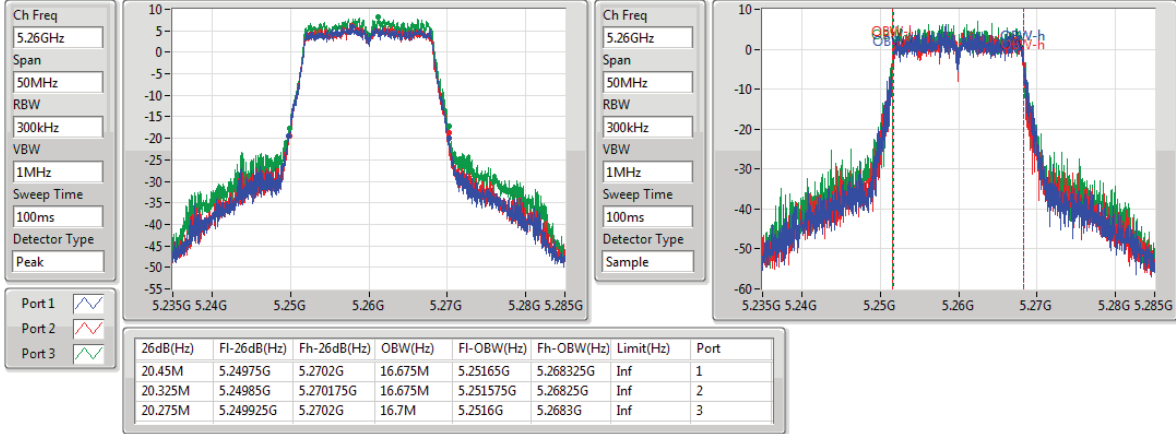
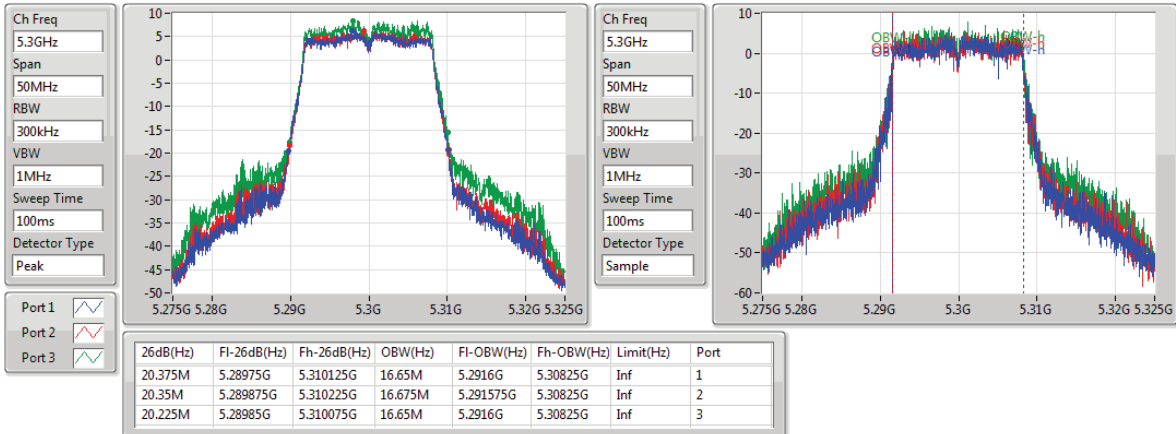
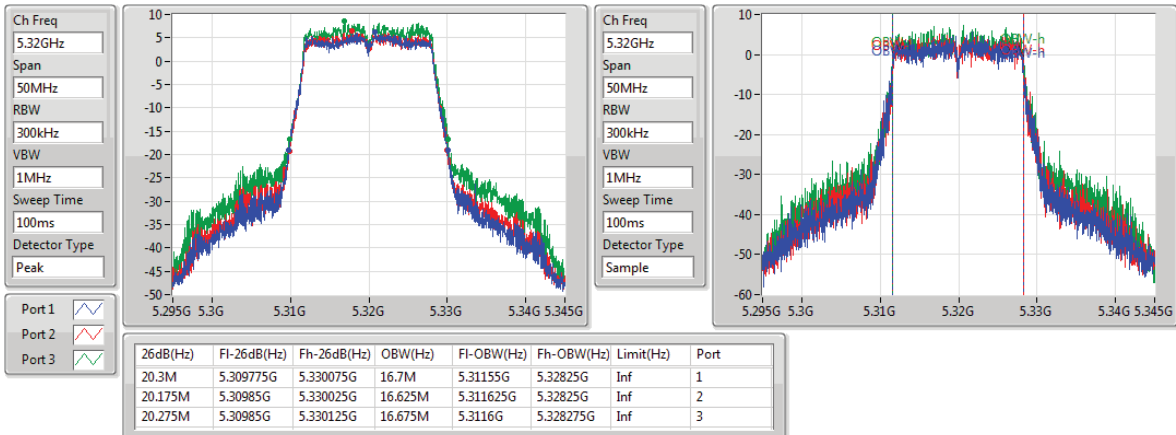


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.45M	16.675M	20.325M	16.675M	20.275M	16.7M
5300MHz	Pass	Inf	20.375M	16.65M	20.35M	16.675M	20.225M	16.65M
5320MHz	Pass	Inf	20.3M	16.7M	20.175M	16.625M	20.275M	16.675M
5500MHz	Pass	Inf	20.475M	16.575M	20.15M	16.65M	20.2M	16.7M
5580MHz	Pass	Inf	20.35M	16.625M	20.175M	16.6M	20.15M	16.725M
5700MHz	Pass	Inf	20.45M	16.65M	20.35M	16.7M	20.3M	16.725M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.18M	13.425M	15.18M	13.425M	15.18M	13.395M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.66M	3.08M	3.7M	3.1M	3.78M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.8M	17.75M	20.55M	17.8M	20.775M	17.85M
5300MHz	Pass	Inf	20.725M	17.775M	20.6M	17.8M	22.175M	17.8M
5320MHz	Pass	Inf	20.5M	17.775M	20.525M	17.75M	22.525M	17.8M
5500MHz	Pass	Inf	20.725M	17.775M	20.45M	17.875M	20.975M	17.75M
5580MHz	Pass	Inf	20.7M	17.8M	20.35M	17.725M	20.525M	17.825M
5700MHz	Pass	Inf	20.675M	17.8M	20.925M	17.8M	21.275M	17.8M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.54M	13.965M	15.465M	13.935M	15.81M	13.965M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.06M	3.72M	4.06M	3.8M	4.12M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.3M	36.232M	39.75M	36.182M	50.05M	36.282M
5310MHz	Pass	Inf	43.5M	36.232M	39.8M	36.232M	62.6M	36.282M
5510MHz	Pass	Inf	49.8M	36.282M	46.75M	36.282M	55.25M	36.382M
5550MHz	Pass	Inf	48.1M	36.282M	45M	36.232M	55.65M	36.332M
5670MHz	Pass	Inf	41.05M	36.282M	43.95M	36.332M	46.95M	36.332M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	46.06M	33.39M	50.54M	33.355M	52.535M	33.425M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.06M	15.08M	3.1M	17.6M	3.12M	19.32M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.7M	75.562M	86.2M	75.962M	84.6M	75.762M
5530MHz	Pass	Inf	82.8M	75.762M	82.3M	75.662M	82.4M	75.762M
5610MHz	Pass	Inf	147.2M	75.962M	139.6M	76.062M	150.6M	76.062M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	120.825M	72.975M	123.525M	73.05M	135M	73.35M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.06M	34.16M	3.08M	34.54M	3.08M	35.58M

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;

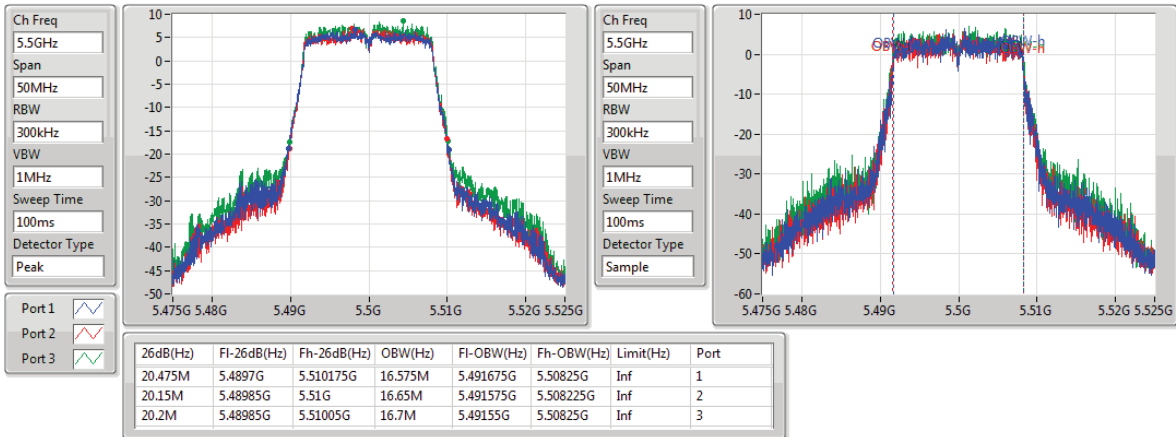
802.11a_(6Mbps)_3TX
EBW
5260MHz

802.11a_(6Mbps)_3TX
EBW
5300MHz

802.11a_(6Mbps)_3TX
EBW
5320MHz




802.11a_(6Mbps)_3TX

EBW

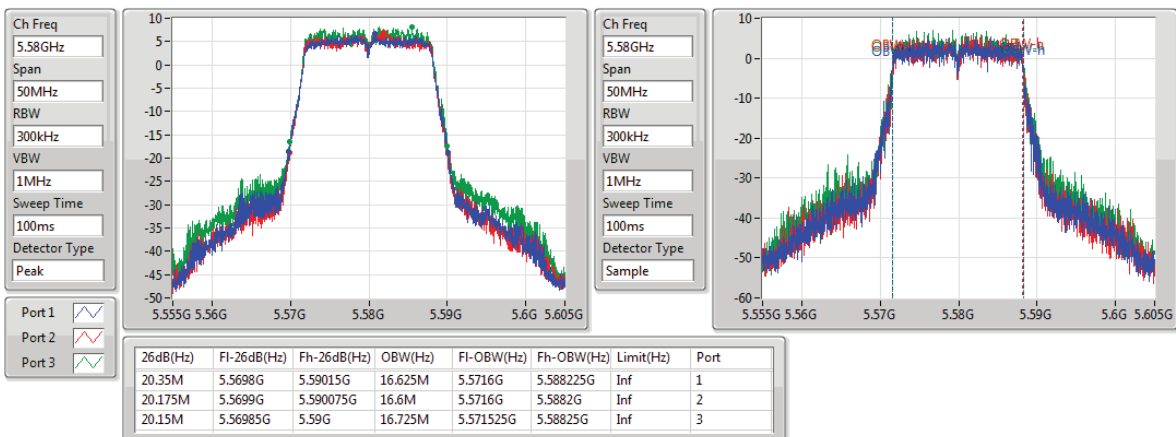
5500MHz



802.11a_(6Mbps)_3TX

EBW

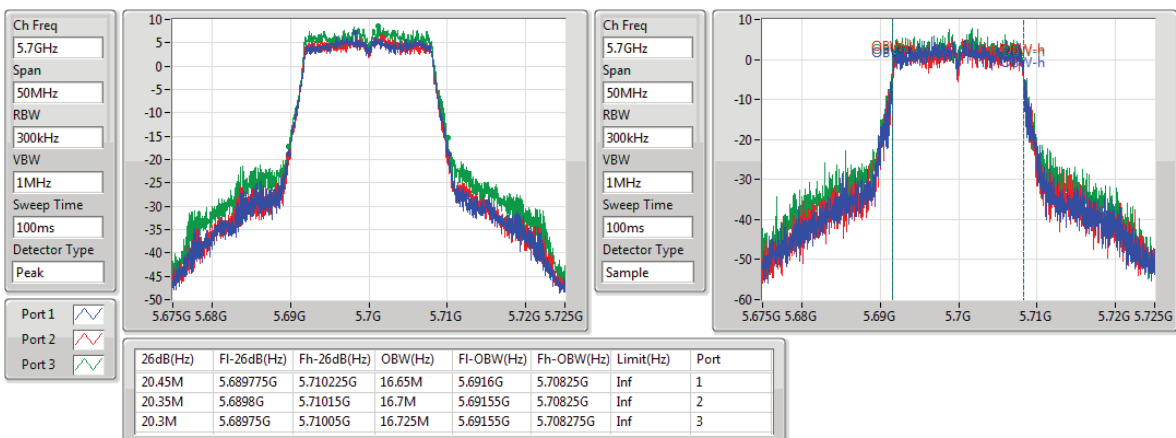
5580MHz

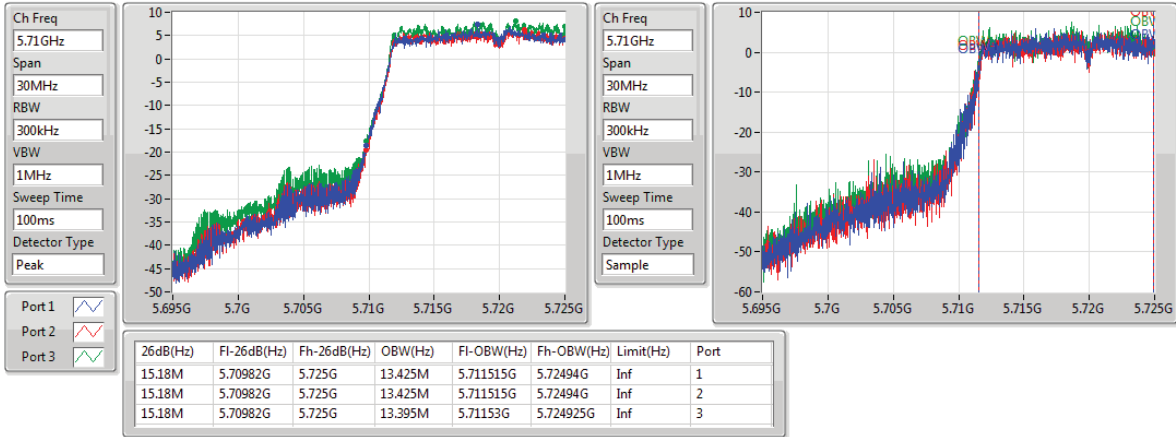
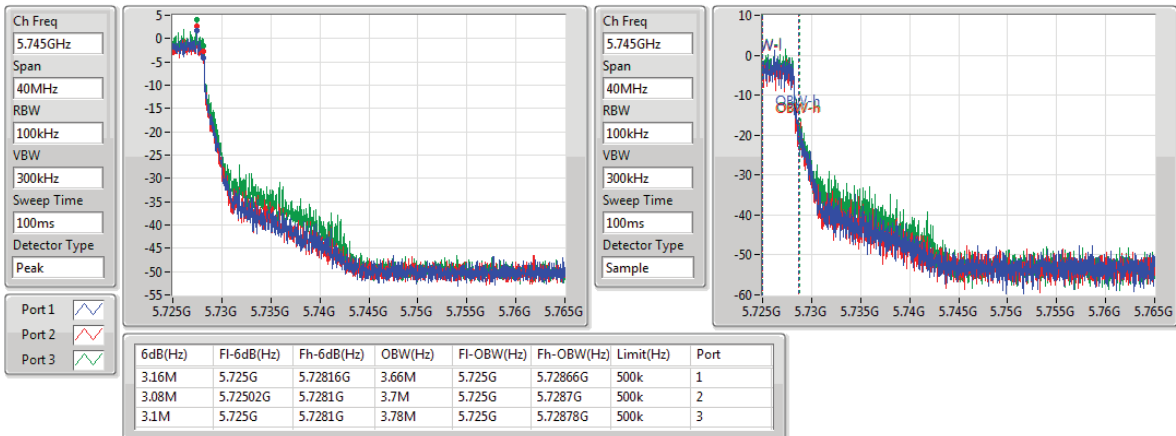
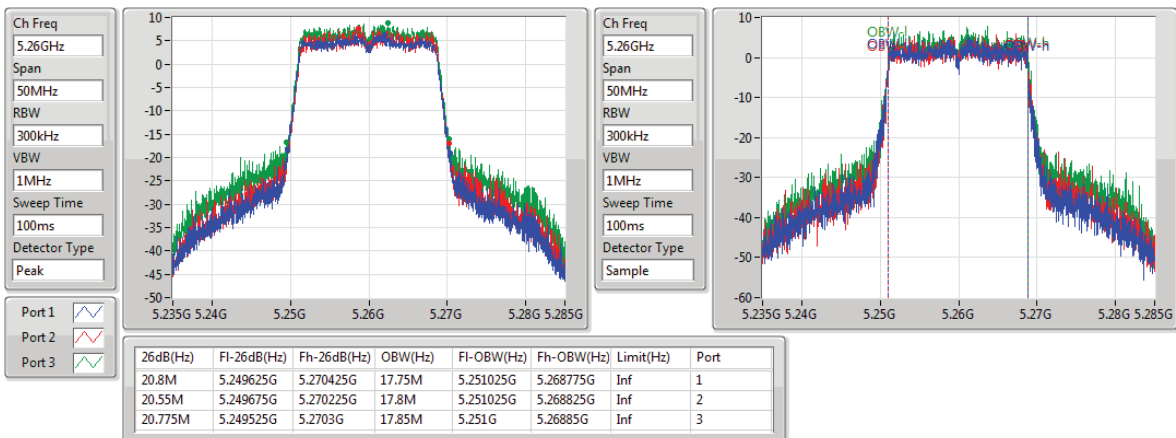


802.11a_(6Mbps)_3TX

EBW

5700MHz



802.11a_(6Mbps)_3TX
EBW
5720MHz Straddle 5.47-5.725GHz

802.11a_(6Mbps)_3TX
EBW
5720MHz Straddle 5.725-5.85GHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5260MHz




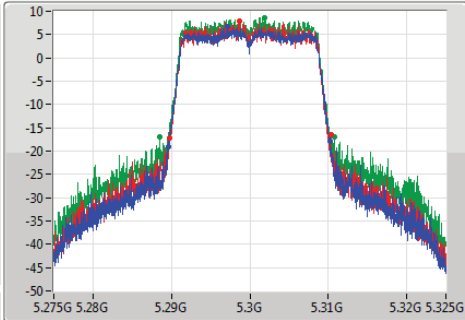
802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

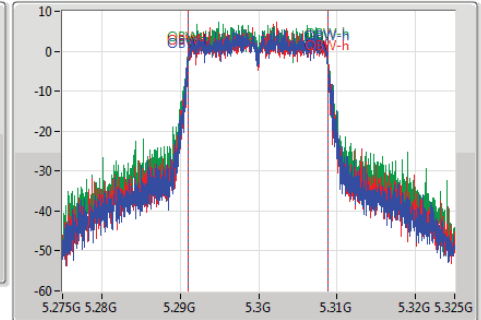
5300MHz

Ch Freq
5.3GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak

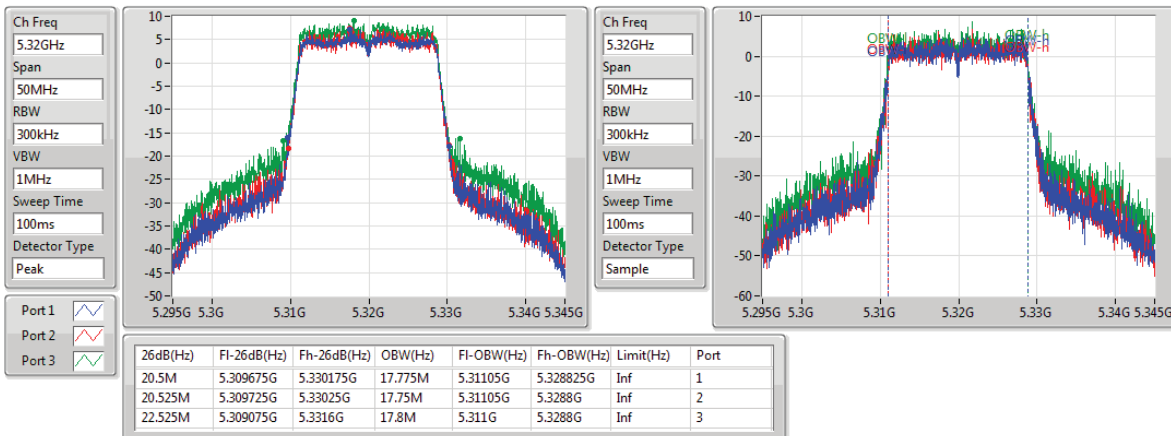
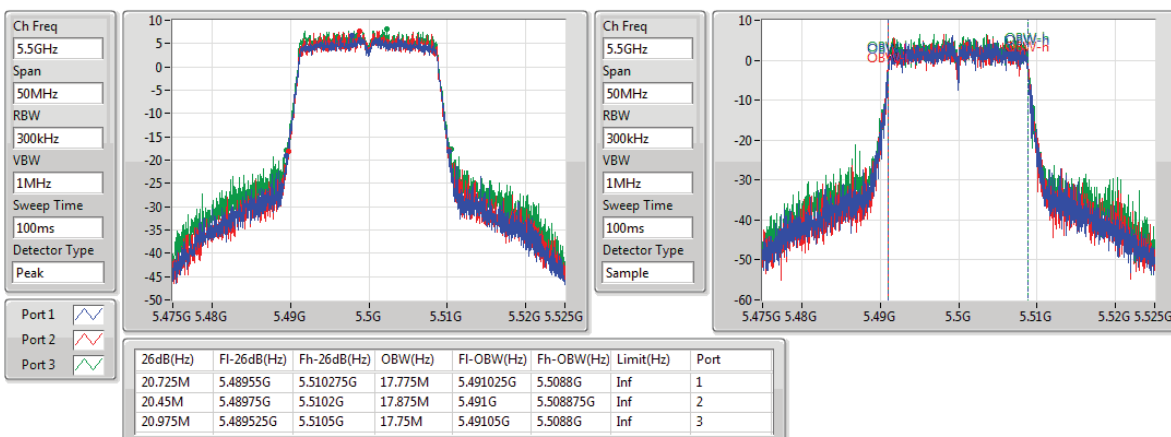
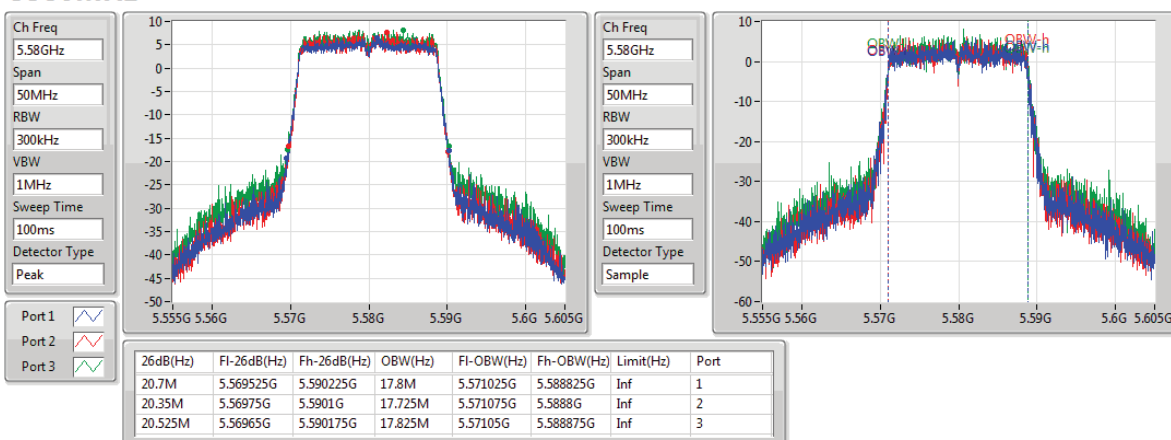
Port 1
Port 2
Port 3

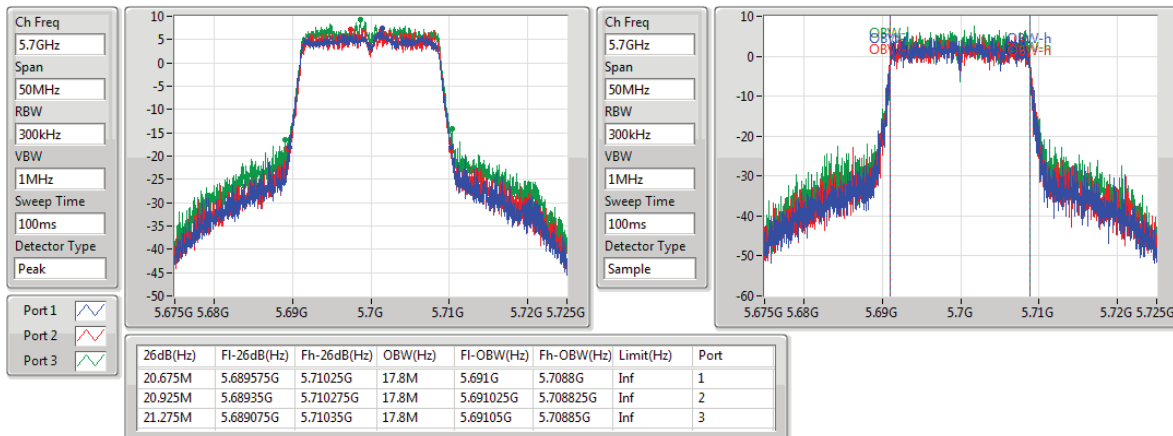
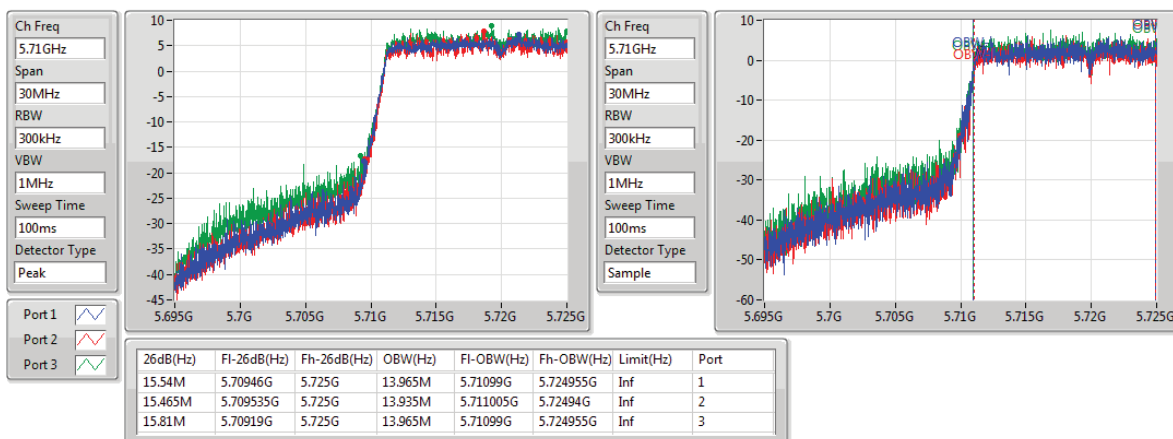
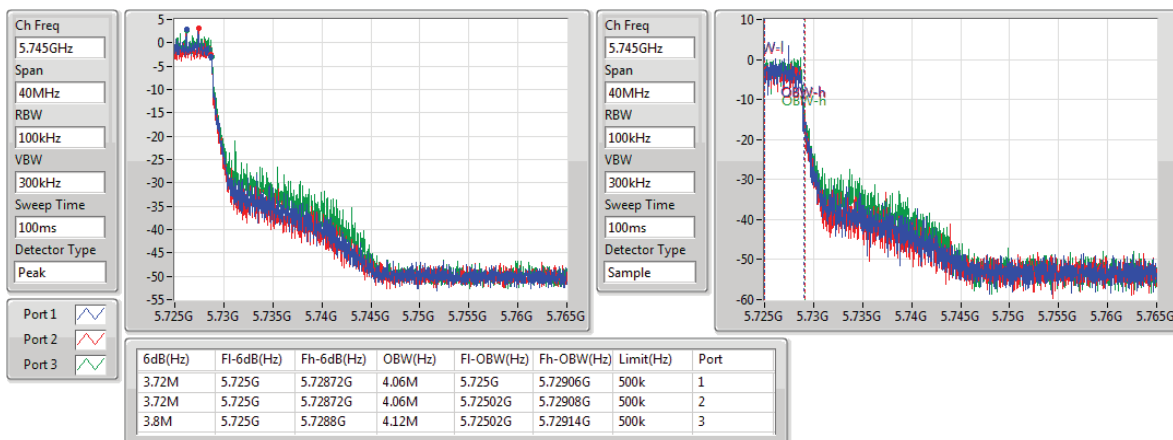


Ch Freq
5.3GHz
Span
50MHz
RBW
300kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.289575G	5.3103G	17.775M	5.291G	5.308775G	Inf	1
20.6M	5.289725G	5.310325G	17.8M	5.291025G	5.308825G	Inf	2
22.175M	5.288575G	5.31075G	17.8M	5.291G	5.3088G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5320MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5500MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5580MHz


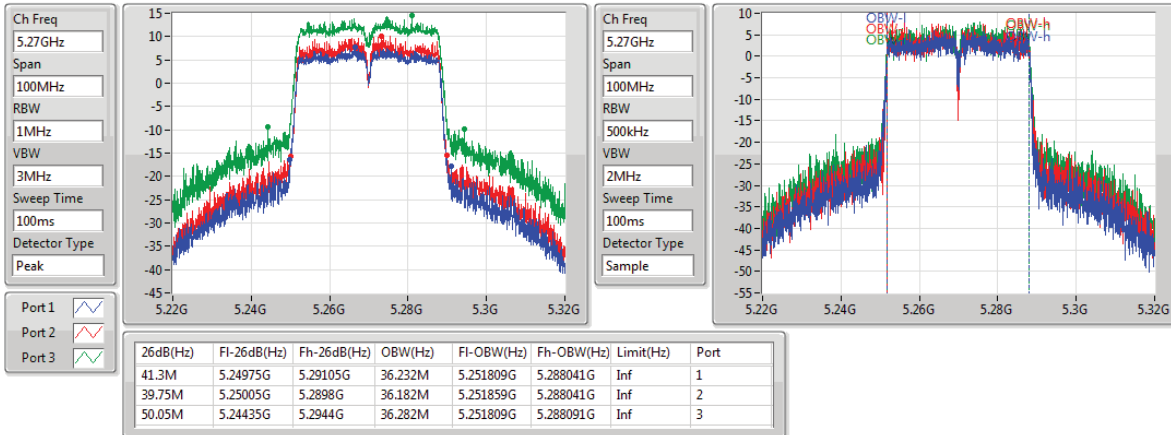
802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5700MHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5720MHz Straddle 5.47-5.725GHz

802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5720MHz Straddle 5.725-5.85GHz


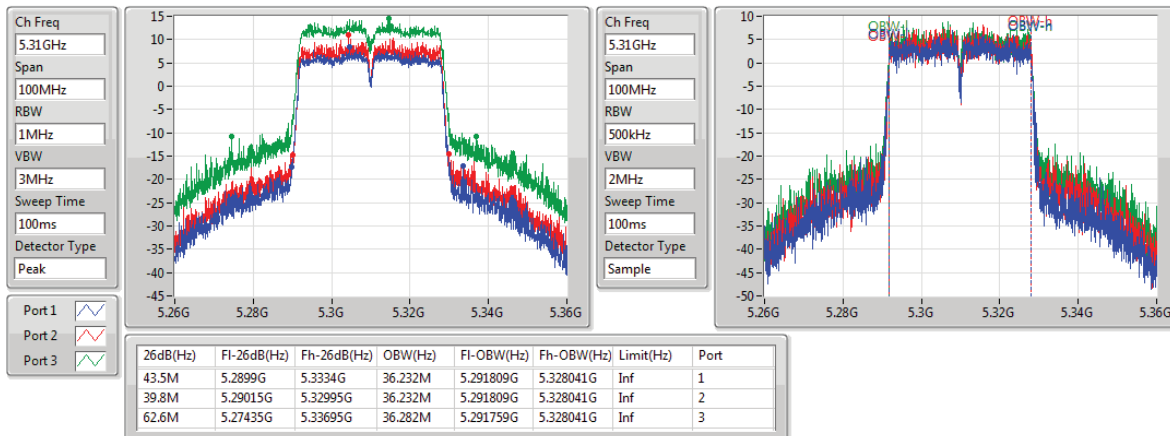
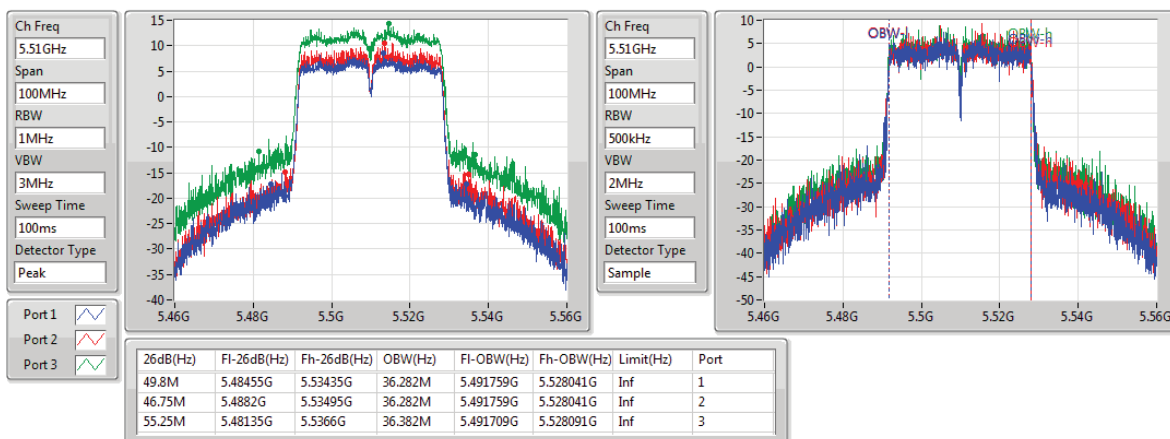
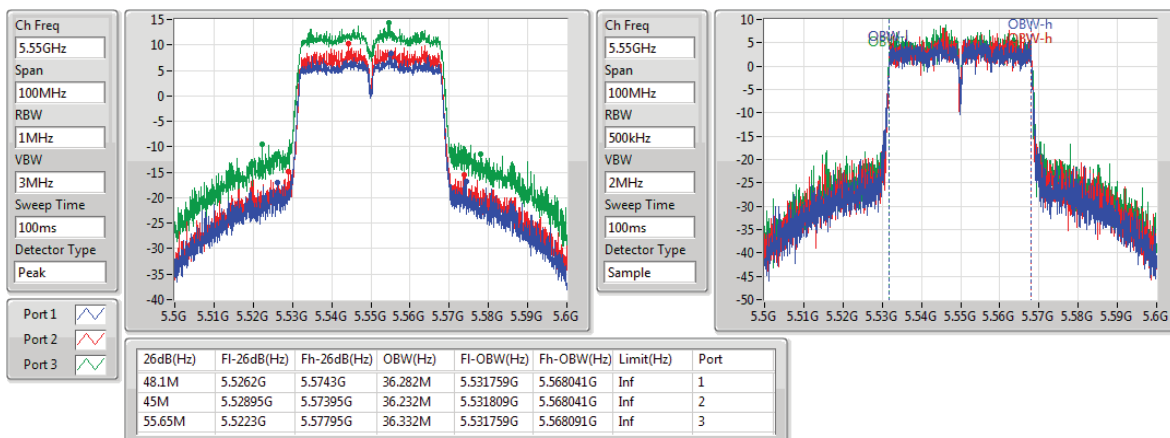


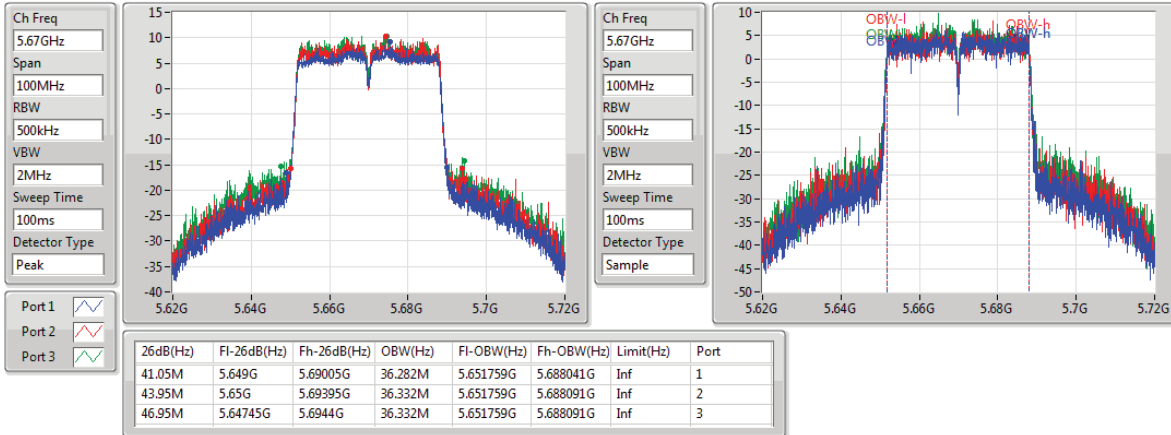
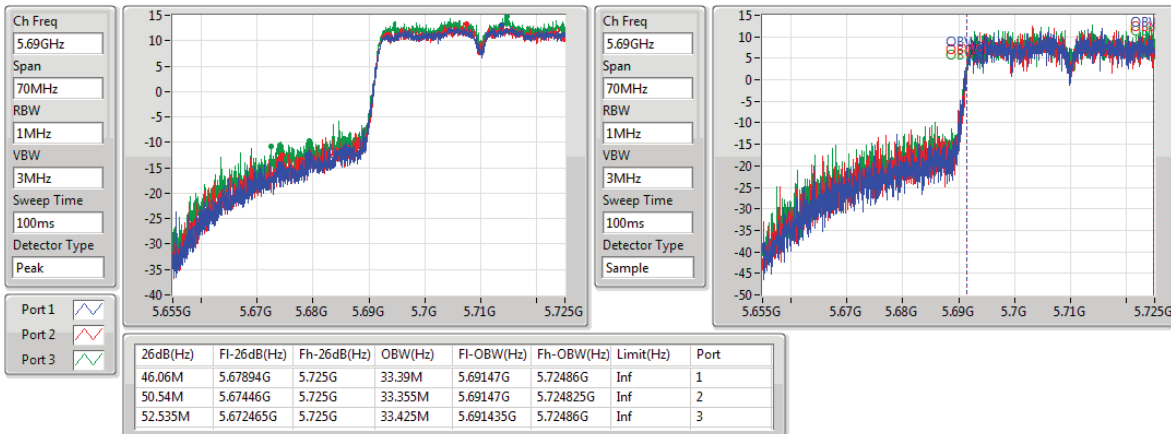
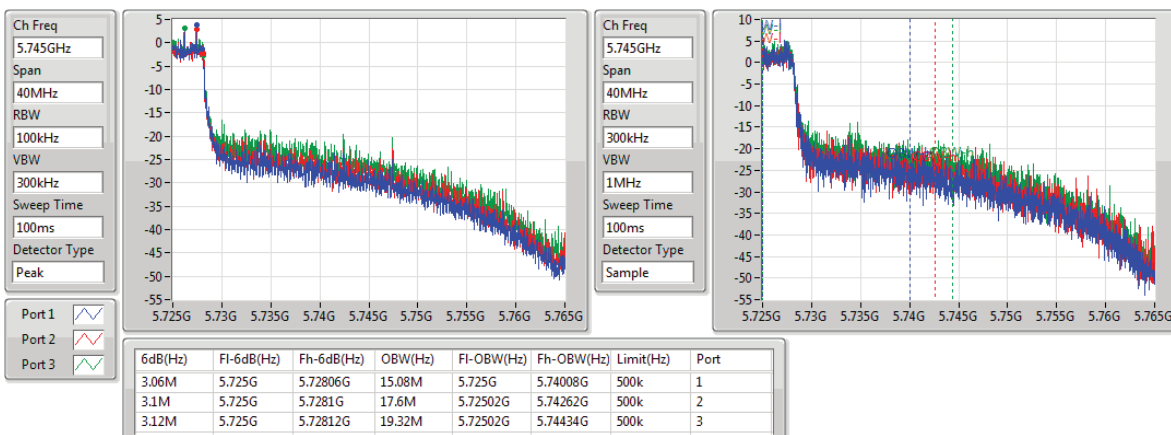
802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5270MHz



802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5310MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5510MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5550MHz


802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5670MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5710MHz Straddle 5.47-5.725GHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5710MHz Straddle 5.725-5.85GHz




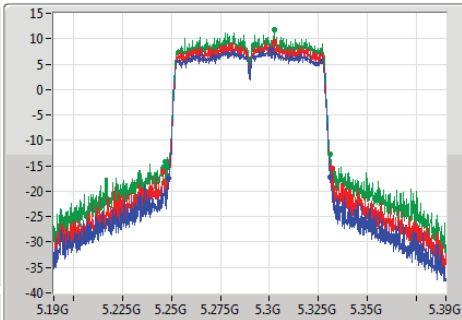
802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

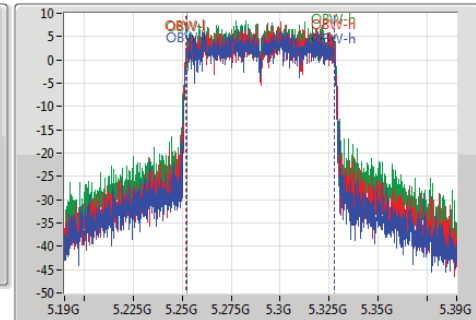
5290MHz

Ch Freq
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak

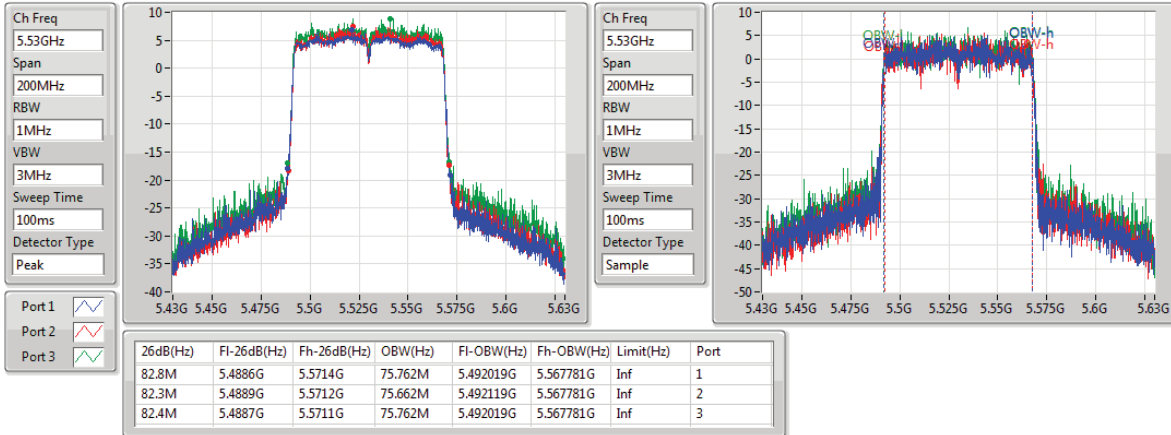
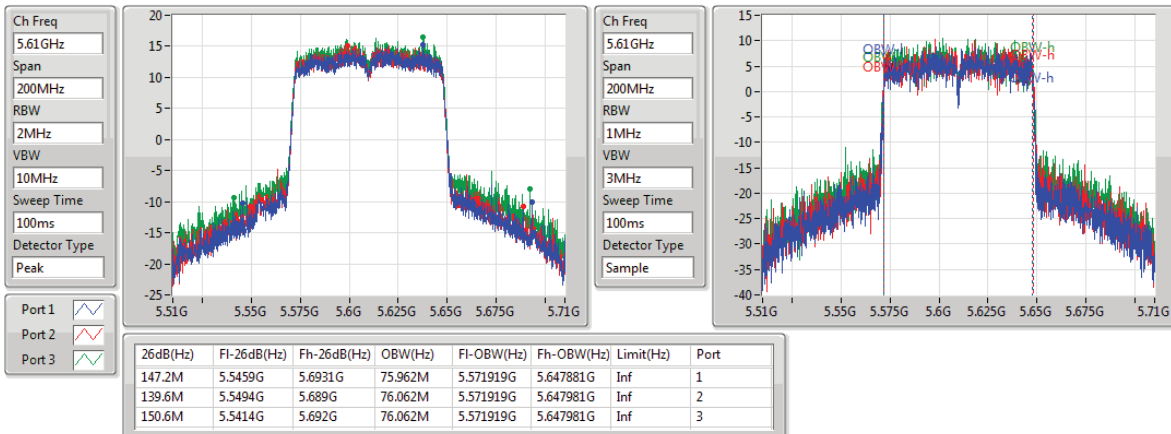
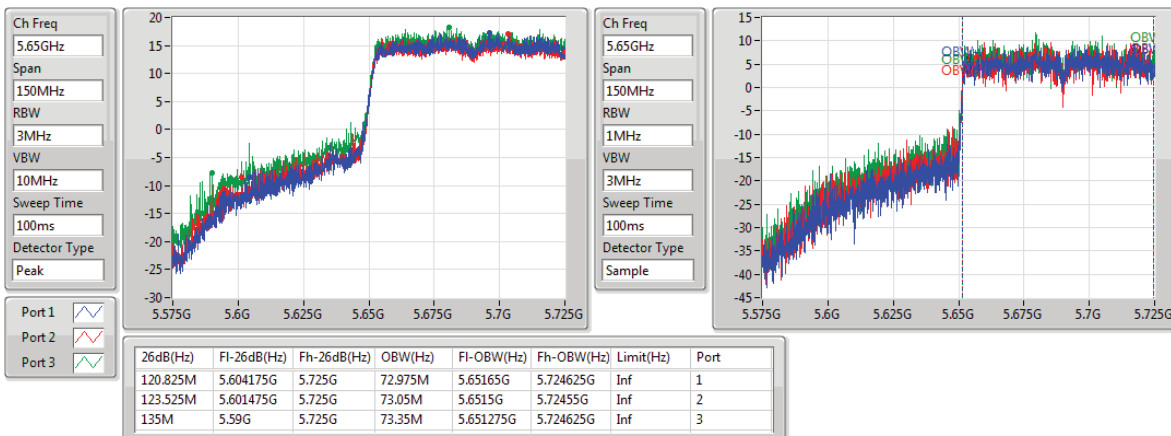
Port 1
Port 2
Port 3



Ch Freq
5.29GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.7M	5.2485G	5.3312G	75.562M	5.252119G	5.327681G	Inf	1
86.2M	5.2457G	5.3319G	75.962M	5.251919G	5.327881G	Inf	2
84.6M	5.2466G	5.3312G	75.762M	5.252119G	5.327881G	Inf	3

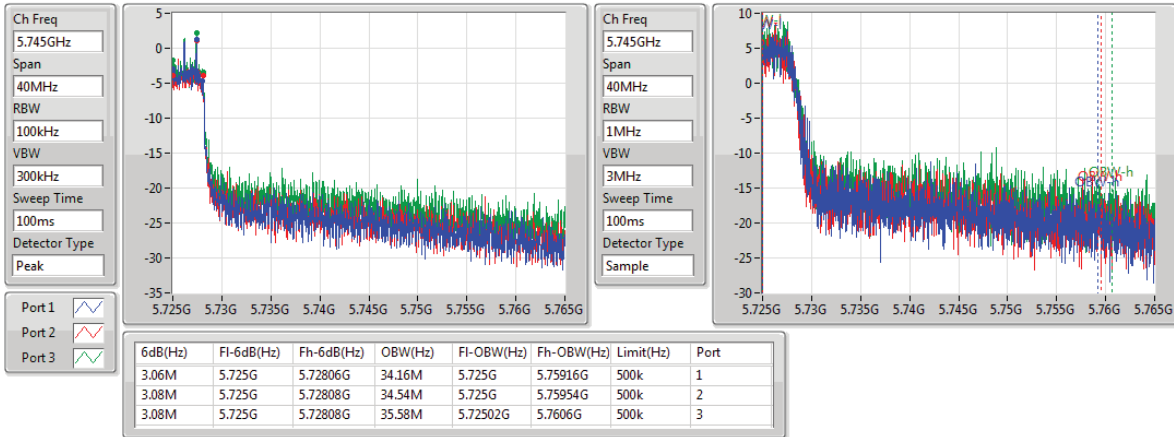
802.11ac VHT80_Nss1,(MCS0)_3TX
EBW
5530MHz

802.11ac VHT80_Nss1,(MCS0)_3TX
EBW
5610MHz

802.11ac VHT80_Nss1,(MCS0)_3TX
EBW
5690MHz Straddle 5.47-5.725GHz




802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5690MHz Straddle 5.725-5.85GHz



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.25-5.35GHz	27.2M	16.9M	16M9D1D	22.175M	16.75M
5.47-5.725GHz	24.975M	16.875M	16M9D1D	19.11M	13.515M
5.725-5.85GHz	3.16M	6.12M	6M12D1D	3.14M	5.26M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	40.15M	18.1M	18M1D1D	36.1M	17.95M
5.47-5.725GHz	38.15M	18.05M	18M0D1D	20.49M	14.07M
5.725-5.85GHz	3.76M	6.84M	6M84D1D	3.74M	5.24M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	77.35M	37M	37M0D1D	61.75M	36.65M
5.47-5.725GHz	83.95M	37.711M	37M7D1D	56.385M	35.507M
5.725-5.85GHz	3.2M	27.926M	27M9D1D	3.2M	26.027M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.25-5.35GHz	82.3M	75.862M	75M9D1D	81.2M	75.762M
5.47-5.725GHz	132.525M	75.962M	76M0D1D	81.1M	73.238M
5.725-5.85GHz	3.24M	37.941M	37M9D1D	3.2M	37.461M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

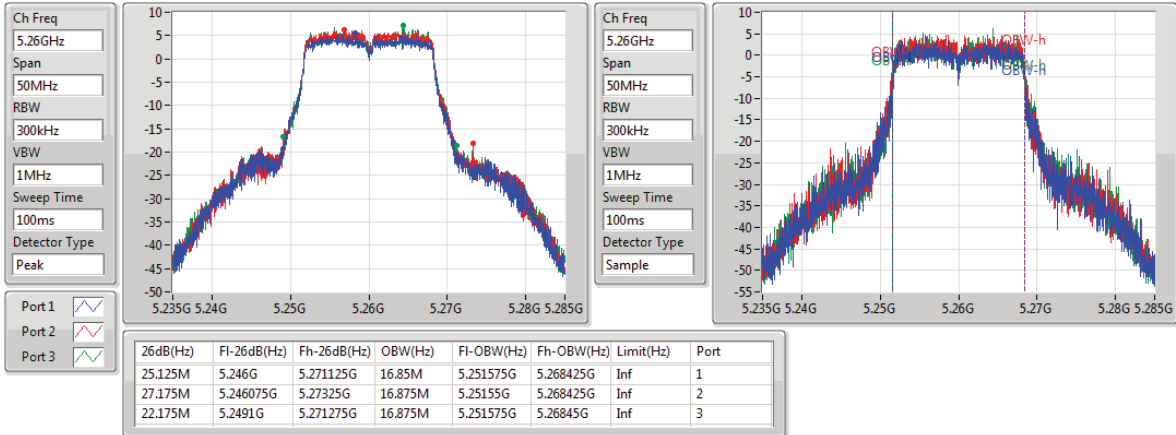
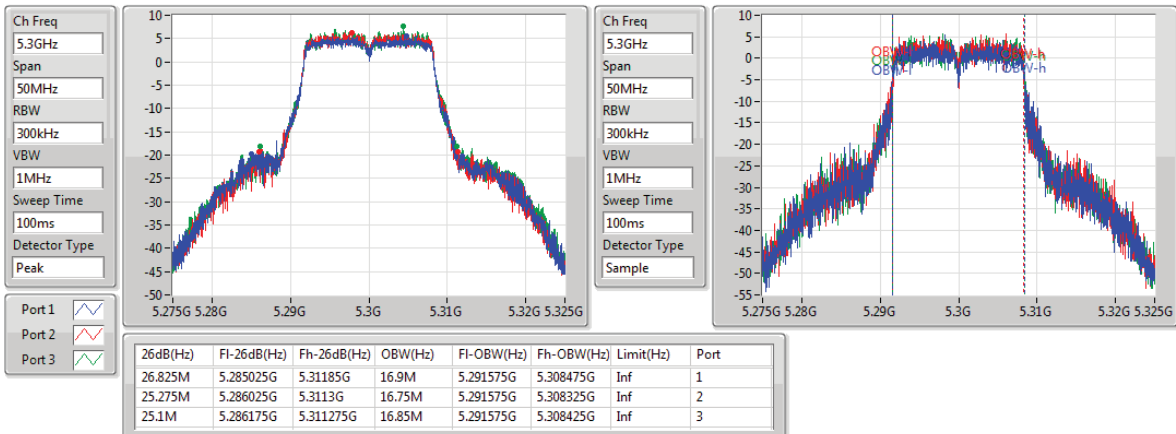
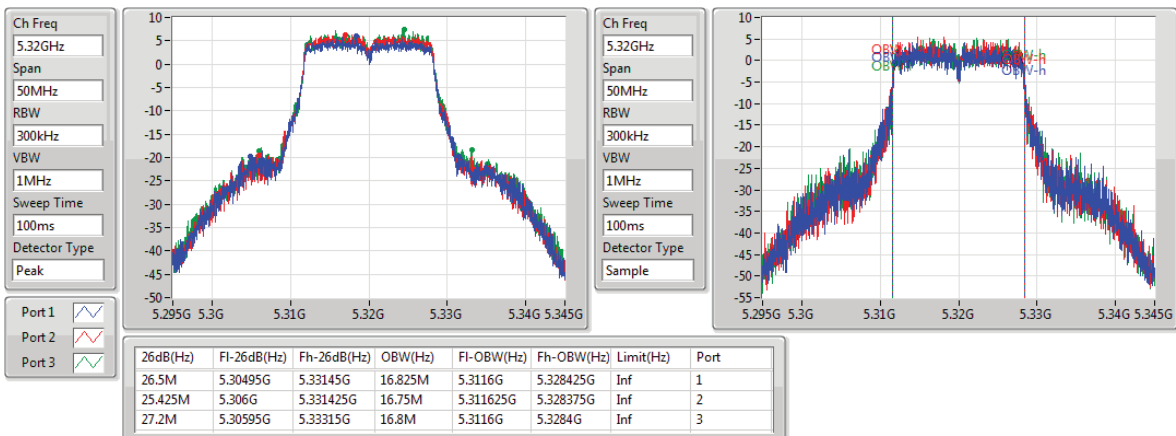


Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	25.125M	16.85M	27.175M	16.875M	22.175M	16.875M
5300MHz_TnomVnom	Pass	Inf	26.825M	16.9M	25.275M	16.75M	25.1M	16.85M
5320MHz_TnomVnom	Pass	Inf	26.5M	16.825M	25.425M	16.75M	27.2M	16.8M
5500MHz_TnomVnom	Pass	Inf	22.125M	16.875M	21.8M	16.75M	21.825M	16.725M
5580MHz_TnomVnom	Pass	Inf	21.85M	16.825M	21.675M	16.75M	21.7M	16.8M
5700MHz_TnomVnom	Pass	Inf	24.75M	16.825M	24.975M	16.8M	21.875M	16.825M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	20.085M	13.53M	20.055M	13.545M	19.11M	13.515M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.14M	6.12M	3.16M	5.26M	3.16M	5.28M
802.11ac_VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	40.15M	17.975M	36.1M	18M	36.225M	18.05M
5300MHz_TnomVnom	Pass	Inf	38M	18.1M	37.725M	18.05M	39.35M	17.95M
5320MHz_TnomVnom	Pass	Inf	39.325M	18.075M	37.25M	17.975M	38.175M	17.975M
5500MHz_TnomVnom	Pass	Inf	29.4M	17.9M	28.425M	17.925M	27.725M	17.875M
5580MHz_TnomVnom	Pass	Inf	28.3M	17.9M	21.8M	17.9M	26.725M	17.9M
5700MHz_TnomVnom	Pass	Inf	38.15M	18.05M	37.25M	17.875M	36.6M	17.95M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	22.215M	14.1M	20.49M	14.07M	22.425M	14.085M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.74M	6.84M	3.76M	5.24M	3.76M	5.62M
802.11ac_VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	77.35M	36.95M	76.05M	37M	74.65M	36.9M
5310MHz_TnomVnom	Pass	Inf	67.5M	36.75M	72.5M	36.75M	61.75M	36.65M
5510MHz_TnomVnom	Pass	Inf	81.75M	37.1M	79.45M	37.05M	83.95M	37.1M
5550MHz_TnomVnom	Pass	Inf	81.7M	37.25M	81.5M	36.95M	74.15M	37.05M
5670MHz_TnomVnom	Pass	Inf	82.95M	37.15M	76.75M	36.85M	75.3M	37M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	58.065M	37.711M	56.385M	35.507M	58.45M	35.717M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	27.926M	3.2M	26.947M	3.2M	26.027M
802.11ac_VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	82.3M	75.862M	81.6M	75.862M	81.2M	75.762M
5530MHz_TnomVnom	Pass	Inf	82.3M	75.962M	81.6M	75.862M	81.1M	75.762M
5610MHz_TnomVnom	Pass	Inf	82.8M	75.962M	81.6M	75.962M	81.1M	75.862M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	132.225M	73.913M	121.95M	73.238M	132.525M	75.712M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	37.941M	3.24M	37.461M	3.2M	37.561M

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

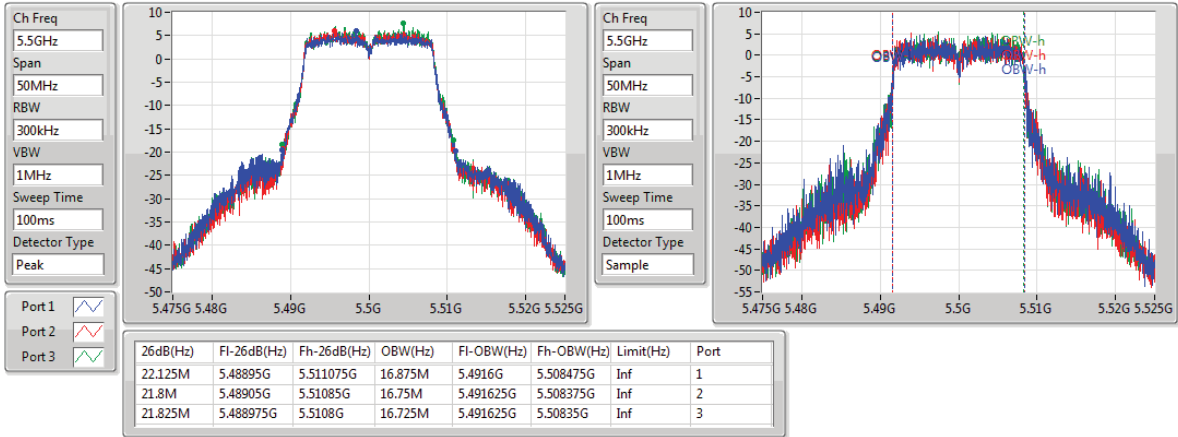
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_(6Mbps)_3TX
EBW
5260MHz

802.11a_(6Mbps)_3TX
EBW
5300MHz

802.11a_(6Mbps)_3TX
EBW
5320MHz


802.11a_(6Mbps)_3TX

EBW

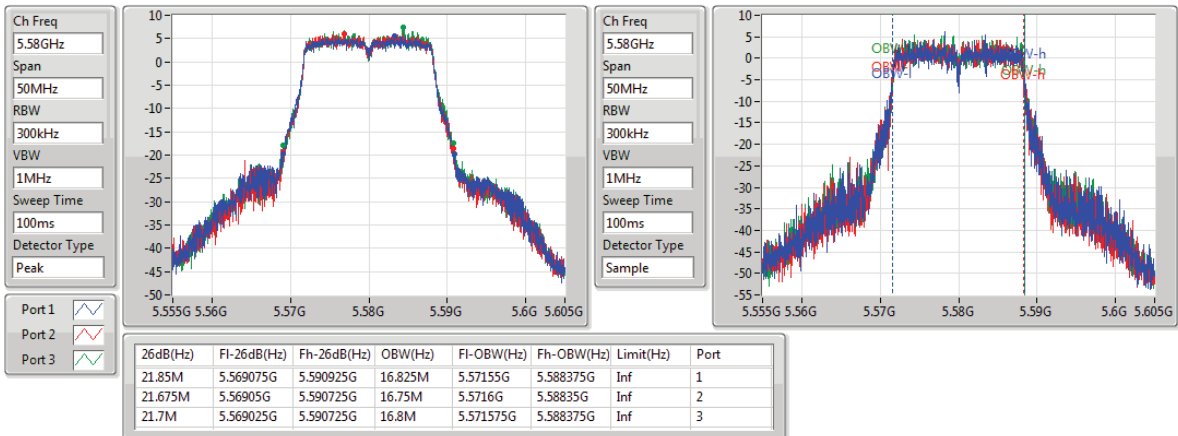
5500MHz



802.11a_(6Mbps)_3TX

EBW

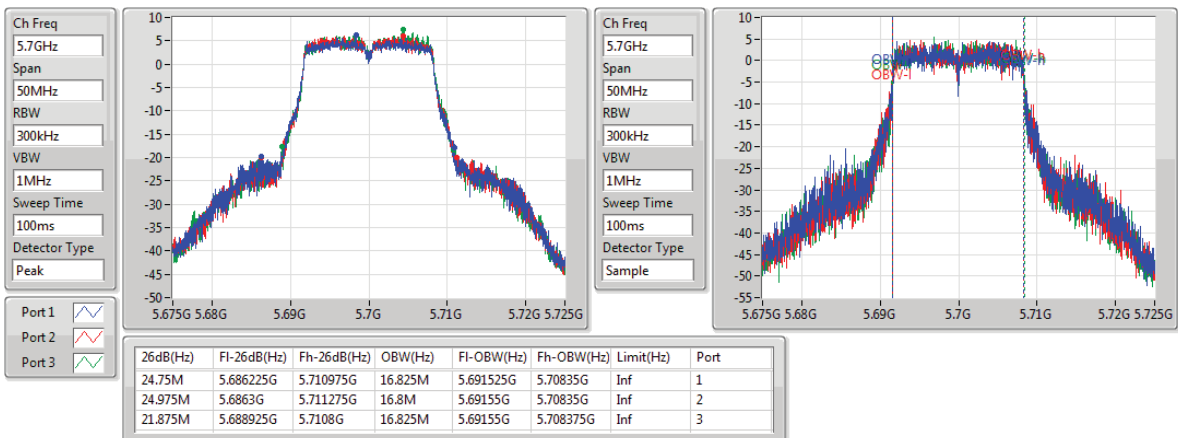
5580MHz



802.11a_(6Mbps)_3TX

EBW

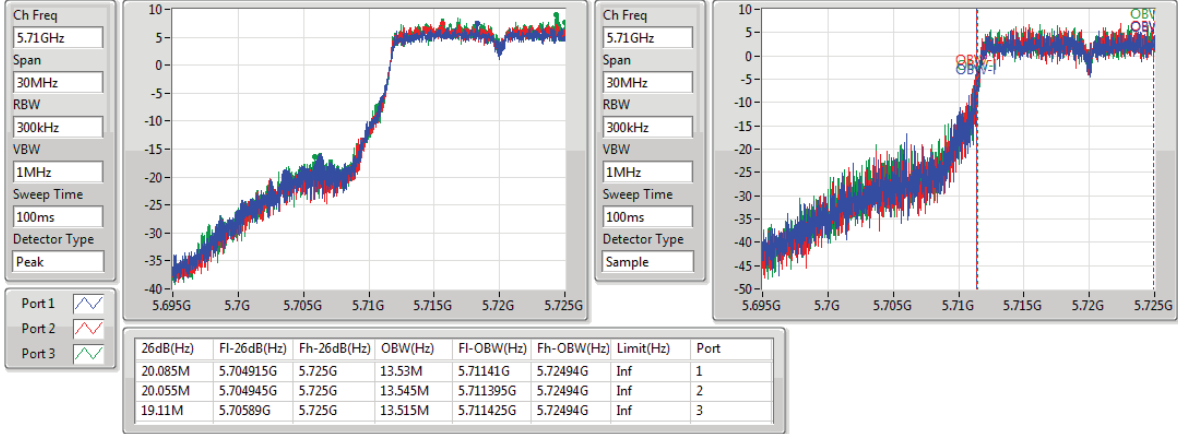
5700MHz



802.11a_(6Mbps)_3TX

EBW

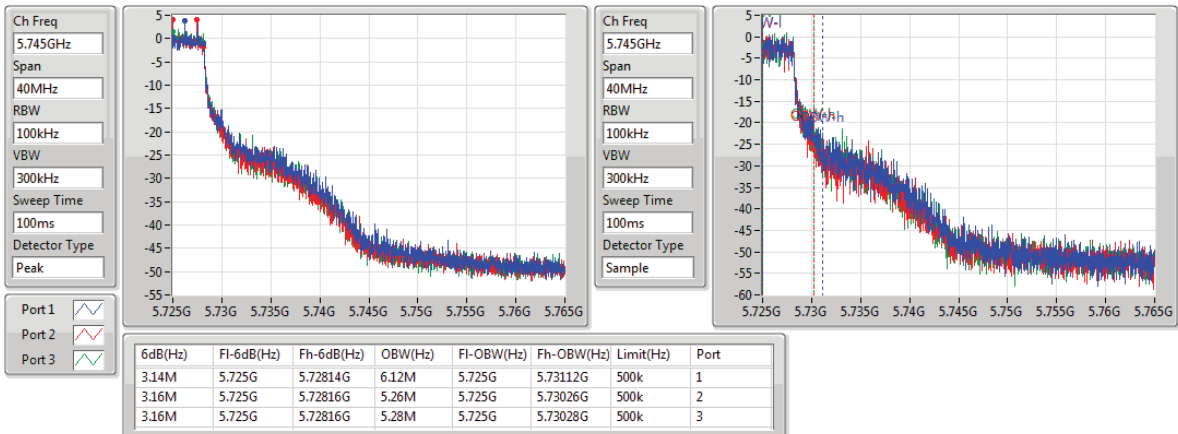
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

EBW

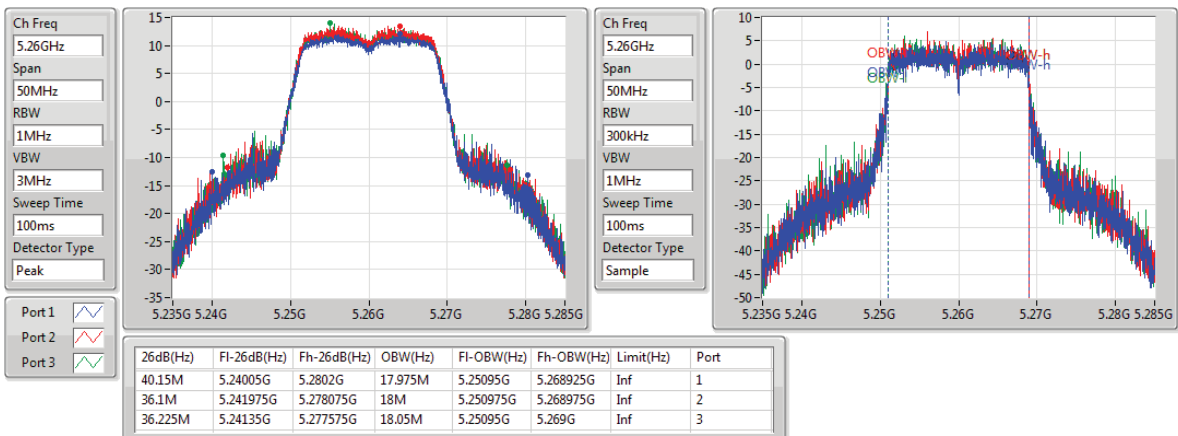
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

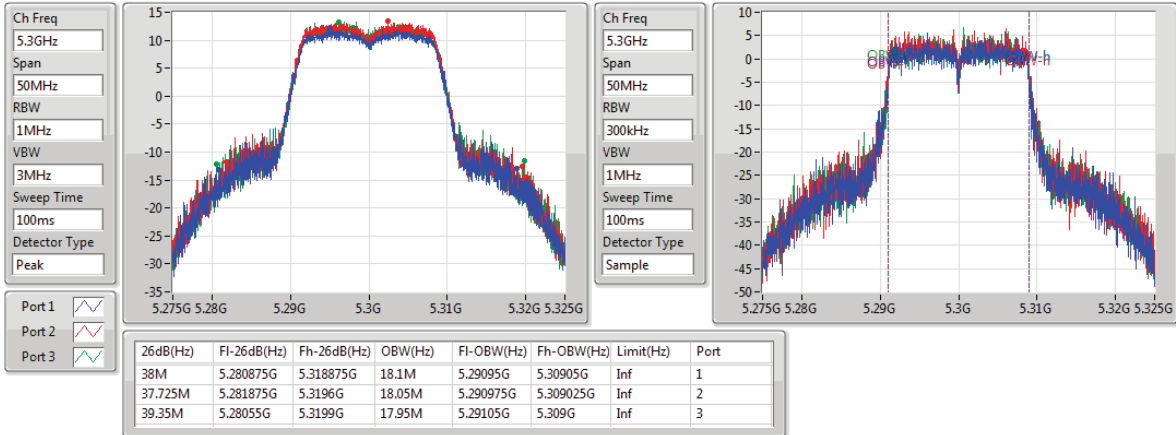
5260MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

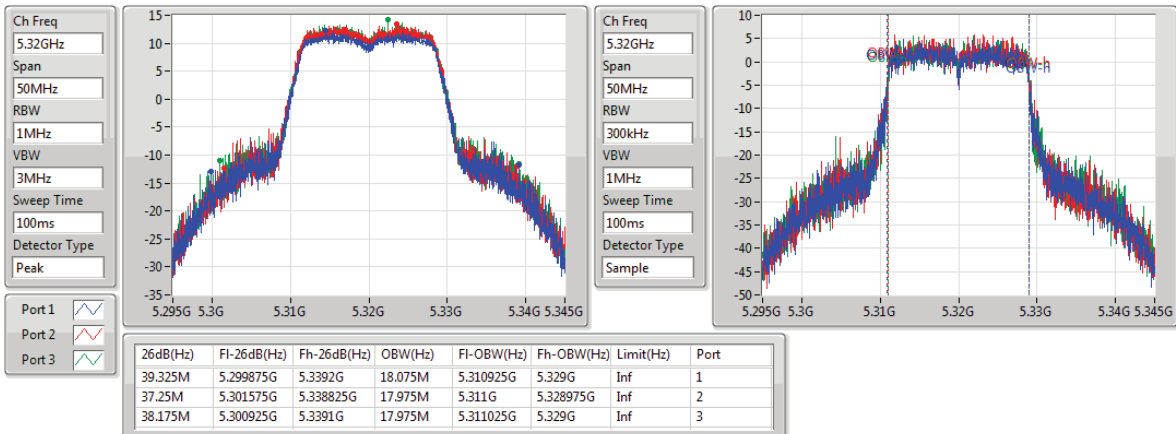
5300MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

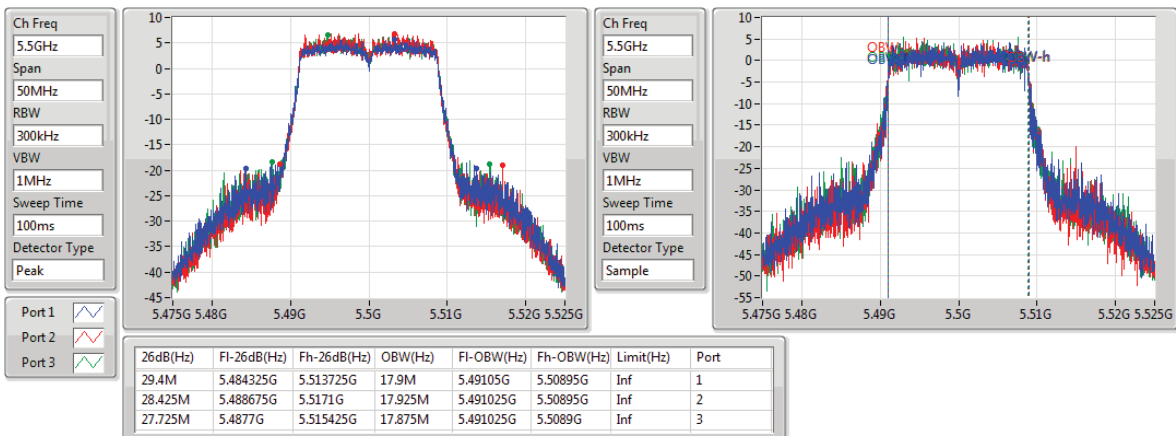
5320MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

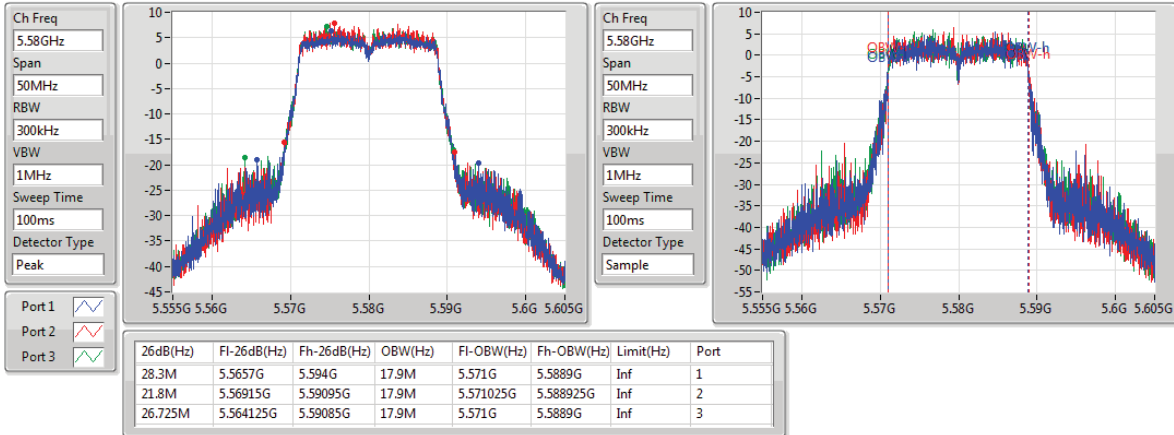
5500MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

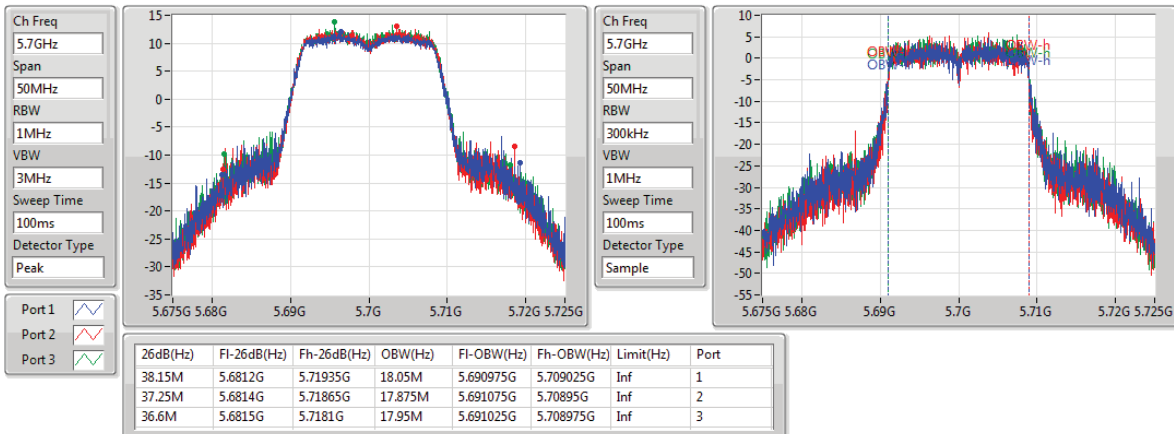
5580MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

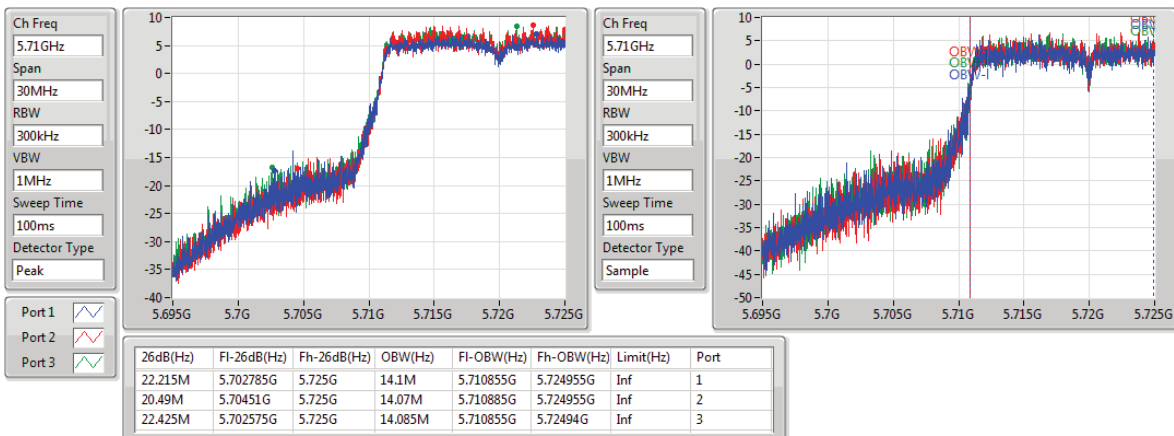
5700MHz

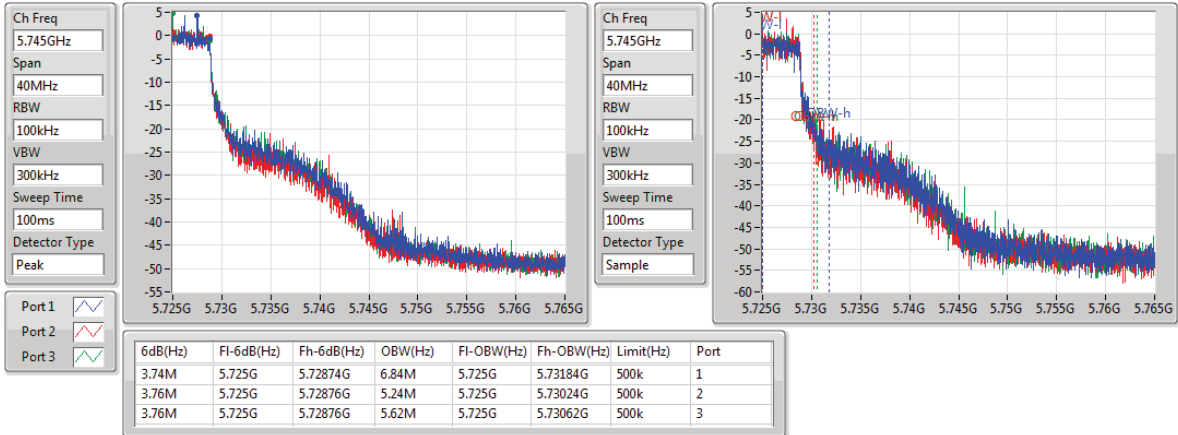
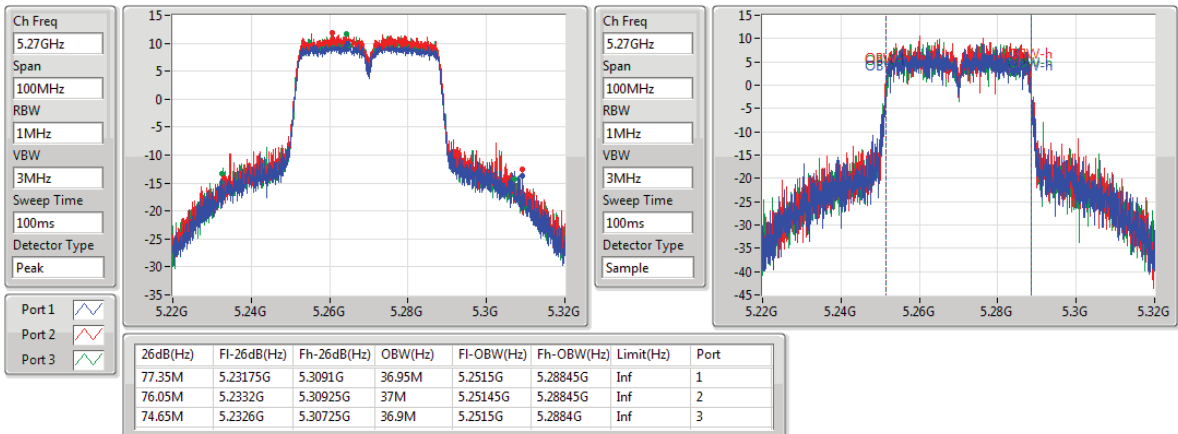
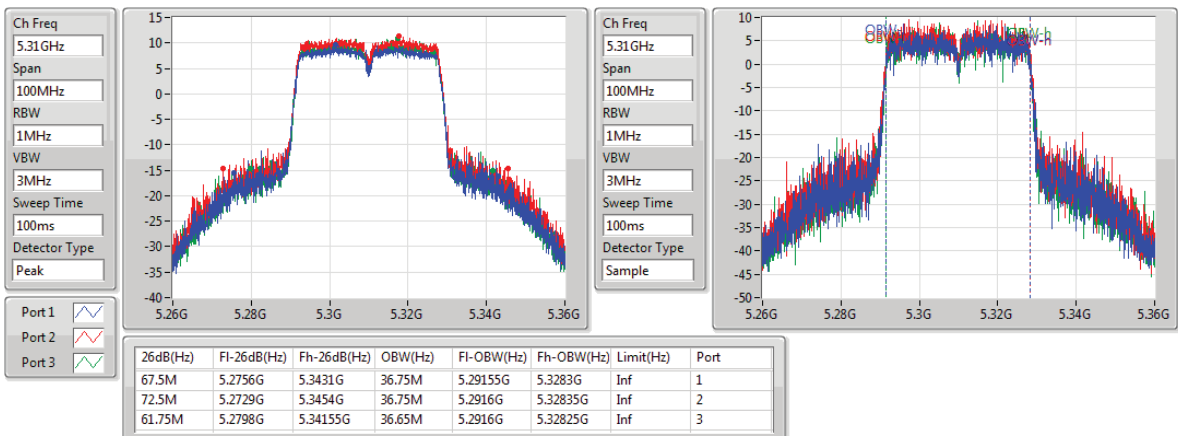


802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5720MHz Straddle 5.47-5.725GHz

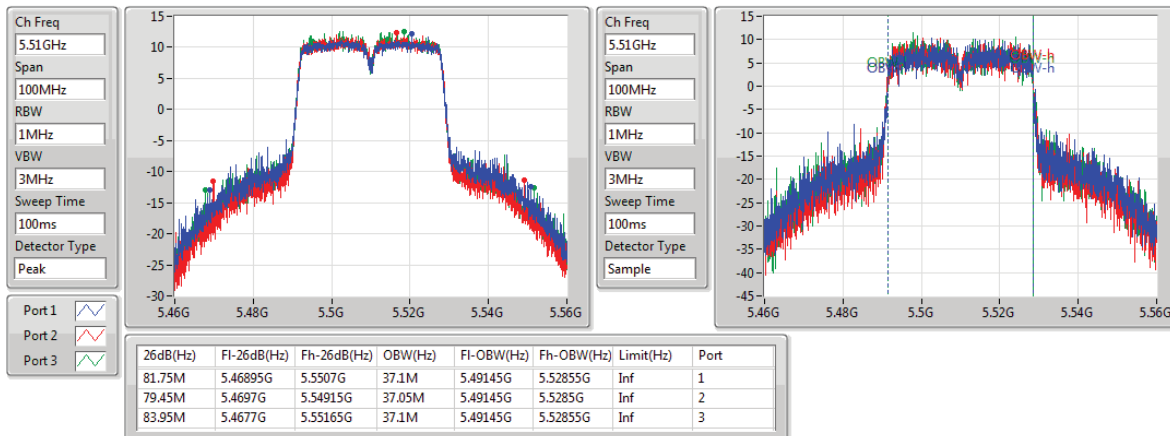


802.11ac VHT20_Nss1,(MCS0)_3TX
EBW
5720MHz Straddle 5.725-5.85GHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5270MHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5310MHz


802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

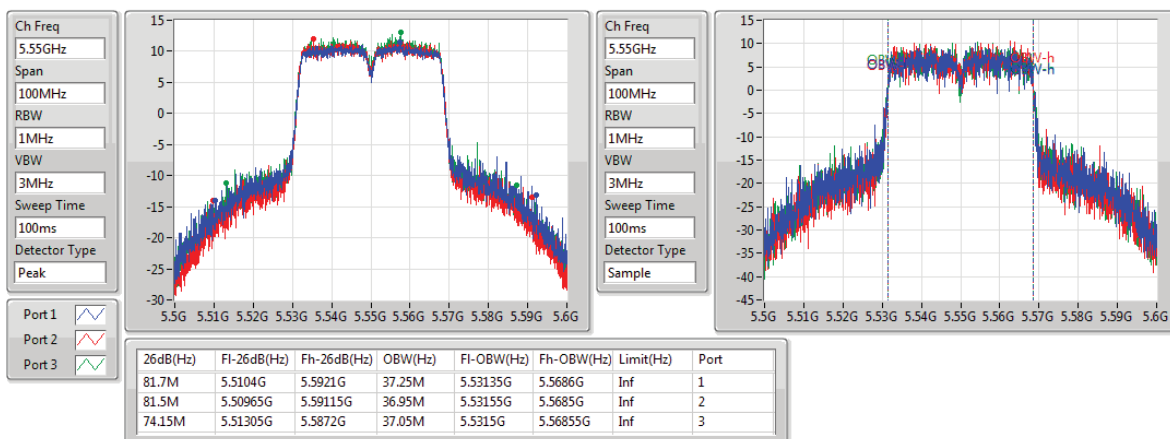
5510MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

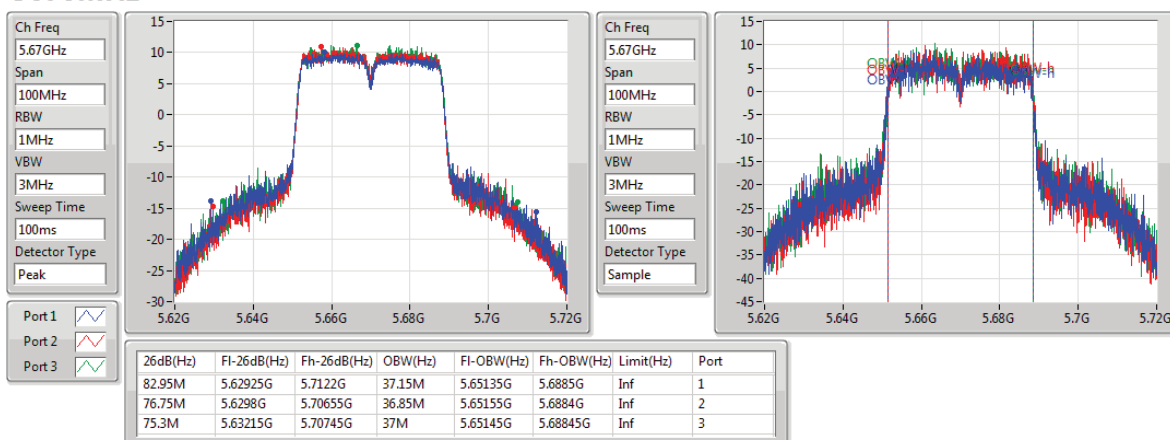
5550MHz

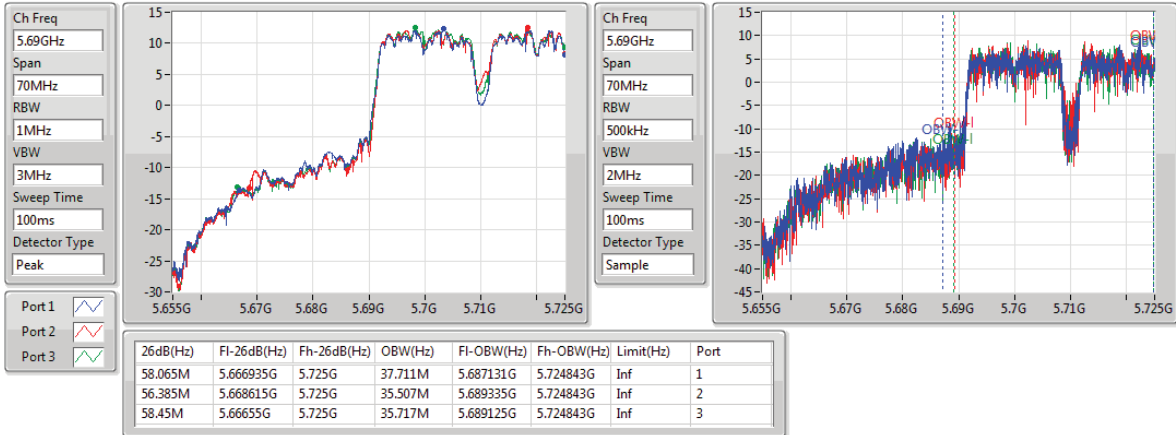
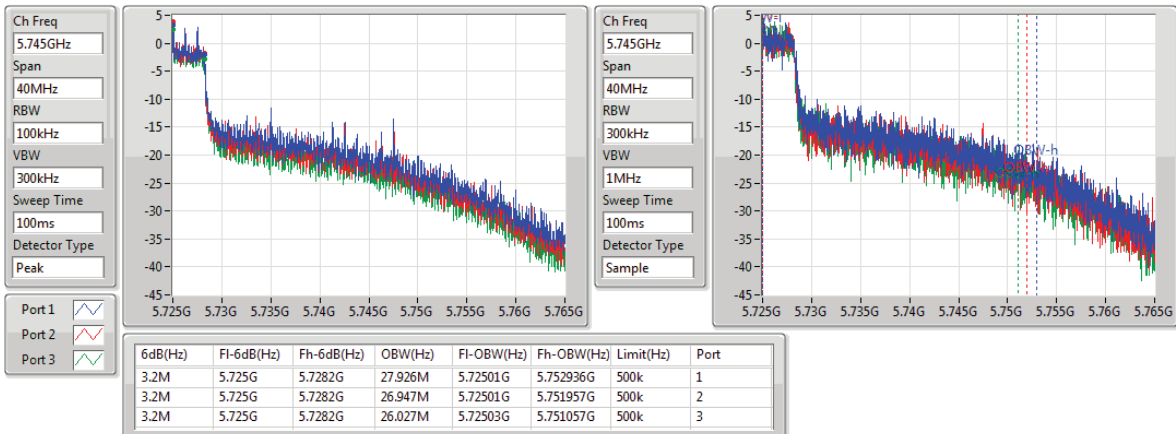
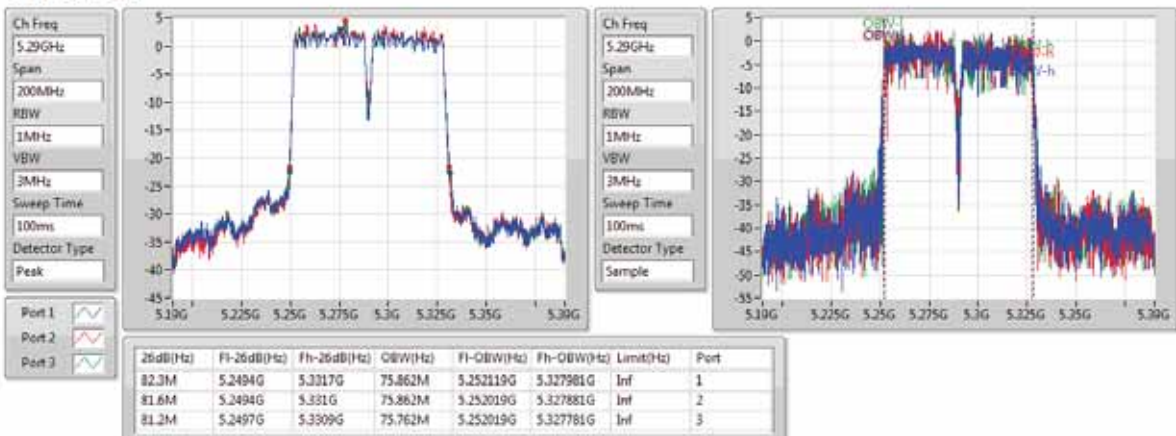


802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5670MHz

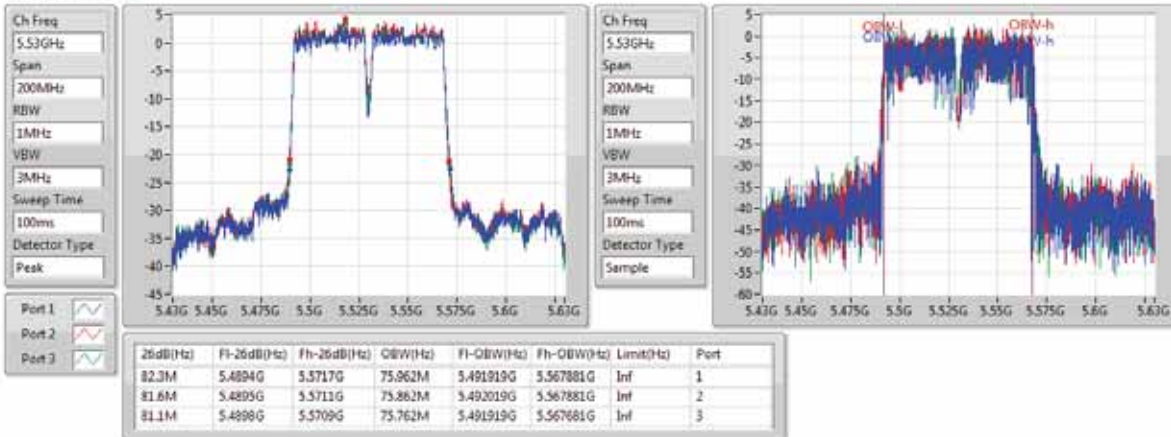


802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5710MHz Straddle 5.47-5.725GHz

802.11ac VHT40_Nss1,(MCS0)_3TX
EBW
5710MHz Straddle 5.725-5.85GHz

802.11ac VHT80_Nss1,(MCS0)_3TX
EBW
5290MHz


802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

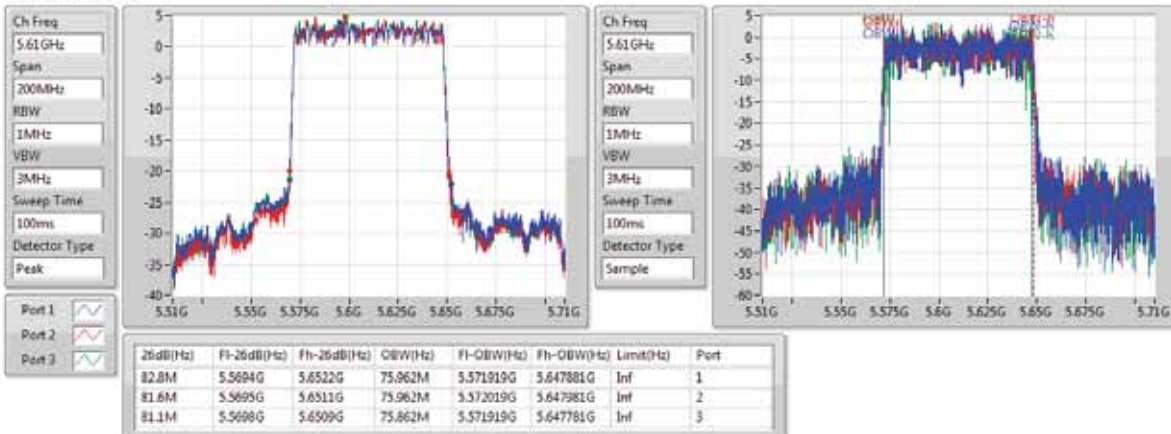
5530MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

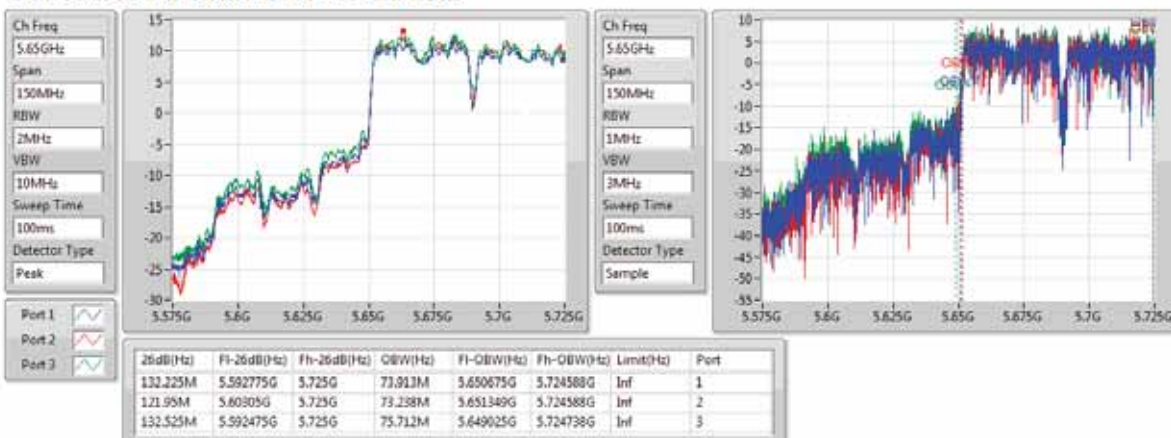
5610MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5690MHz Straddle 5.47-5.725GHz

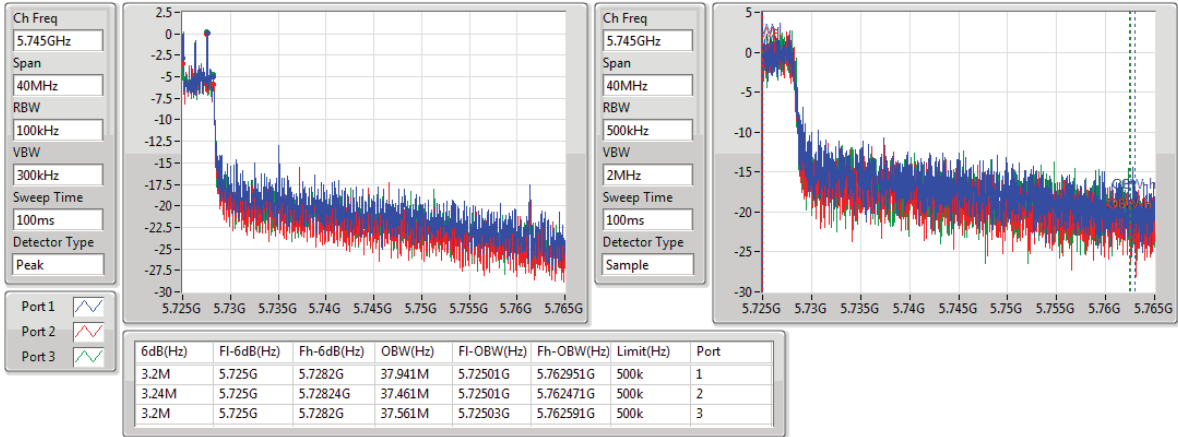




802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_3TX	-	-	-	-
5.25-5.35GHz	19.84	0.09638	25.00	0.31623
5.47-5.725GHz	20.15	0.10351	25.25	0.33497
5.725-5.85GHz	12.32	0.01706	18.29	0.06745
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	20.31	0.10740	25.47	0.35237
5.47-5.725GHz	20.52	0.11272	25.62	0.36475
5.725-5.85GHz	13.25	0.02113	19.22	0.08356
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	21.84	0.15276	27.00	0.50119
5.47-5.725GHz	22.59	0.18155	27.69	0.58749
5.725-5.85GHz	12.23	0.01671	18.20	0.06606
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	21.38	0.13740	26.54	0.45082
5.47-5.725GHz	23.96	0.24889	29.06	0.80538
5.725-5.85GHz	9.84	0.00963	15.81	0.03810

**Result**

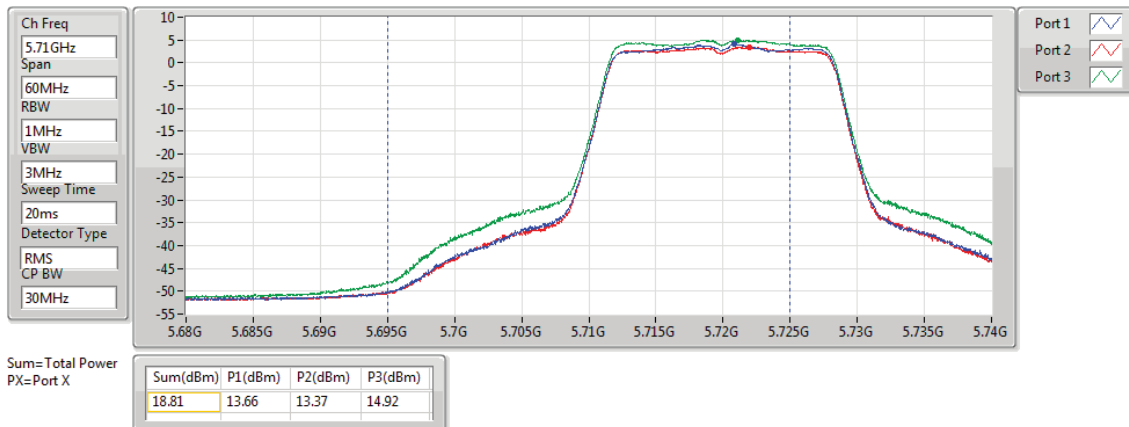
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.16	14.29	14.50	15.91	19.73	23.98	24.89	30.00
5300MHz	Pass	5.16	14.43	14.53	16.06	19.84	23.98	25.00	30.00
5320MHz	Pass	5.16	14.31	14.51	16.00	19.78	23.98	24.94	30.00
5500MHz	Pass	5.10	14.48	14.49	15.41	19.59	23.98	24.69	30.00
5580MHz	Pass	5.10	14.31	14.38	15.31	19.46	23.98	24.56	30.00
5700MHz	Pass	5.10	14.86	14.68	16.38	20.15	23.98	25.25	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	13.66	13.37	14.92	18.81	22.81	23.91	28.81
5720MHz Straddle 5.725-5.85GHz	Pass	5.97	7.47	6.79	8.26	12.32	30.00	18.29	36.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.16	14.86	15.05	16.52	20.31	23.98	25.47	30.00
5300MHz	Pass	5.16	14.97	14.73	16.50	20.24	23.98	25.40	30.00
5320MHz	Pass	5.16	14.83	14.74	16.57	20.24	23.98	25.40	30.00
5500MHz	Pass	5.10	14.32	14.47	15.36	19.51	23.98	24.61	30.00
5580MHz	Pass	5.10	14.41	14.55	15.48	19.61	23.98	24.71	30.00
5700MHz	Pass	5.10	15.29	15.14	16.64	20.52	23.98	25.62	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	14.01	13.52	15.16	19.06	22.89	24.16	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	5.97	8.32	7.74	9.24	13.25	30.00	19.22	36.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.16	16.05	16.70	17.67	21.63	23.98	26.79	30.00
5310MHz	Pass	5.16	16.27	16.89	17.90	21.84	23.98	27.00	30.00
5510MHz	Pass	5.10	15.19	15.56	16.26	20.46	23.98	25.56	30.00
5550MHz	Pass	5.10	16.84	17.39	17.97	22.20	23.98	27.30	30.00
5670MHz	Pass	5.10	16.67	16.89	17.67	21.87	23.98	26.97	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	17.57	17.42	18.41	22.59	23.98	27.69	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.97	7.34	6.95	8.01	12.23	30.00	18.20	36.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.16	15.75	16.32	17.55	21.38	23.98	26.54	30.00
5530MHz	Pass	5.10	14.88	15.17	16.05	20.17	23.98	25.27	30.00
5610MHz	Pass	5.10	18.54	18.68	19.57	23.73	23.98	28.83	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	19.02	18.74	19.75	23.96	23.98	29.06	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.97	4.97	4.55	5.62	9.84	30.00	15.81	36.00

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

802.11a_(6Mbps)_3TX

AV Power

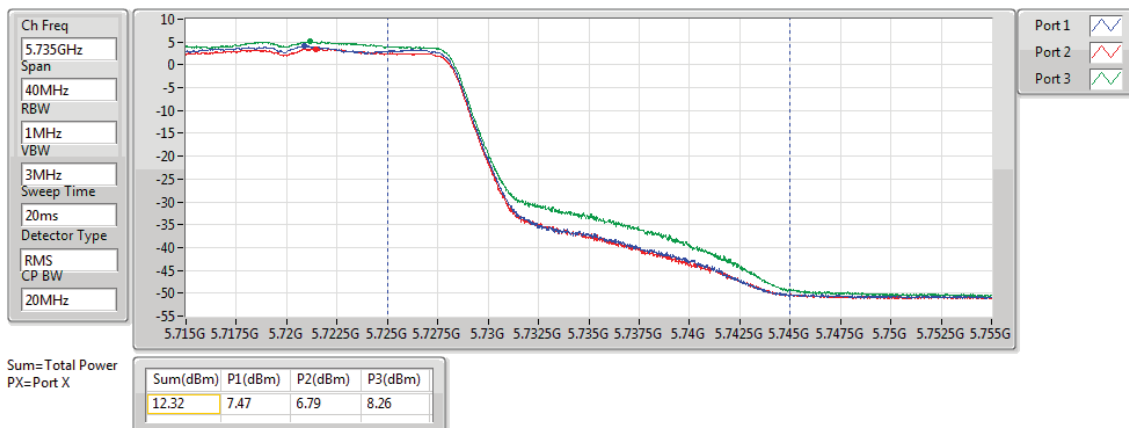
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

AV Power

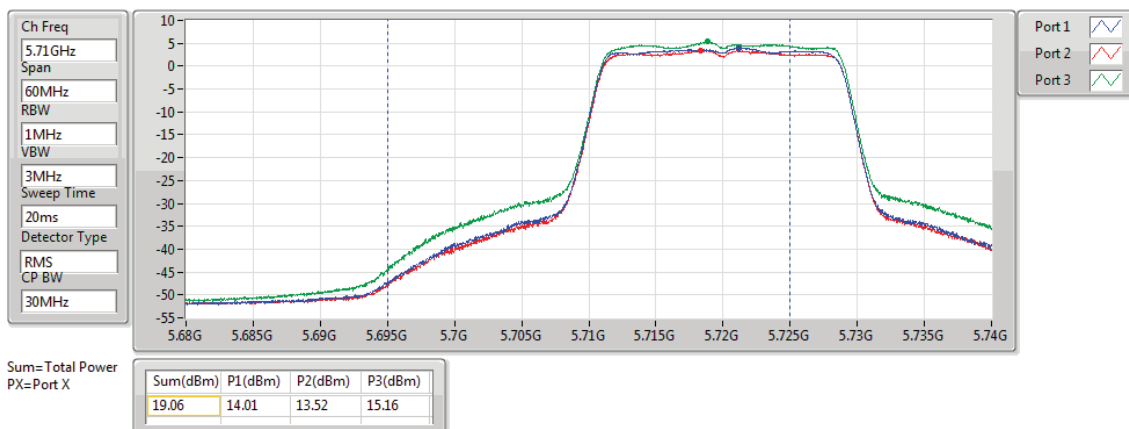
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1.(MCS0)_3TX

AV Power

5720MHz Straddle 5.47-5.725GHz

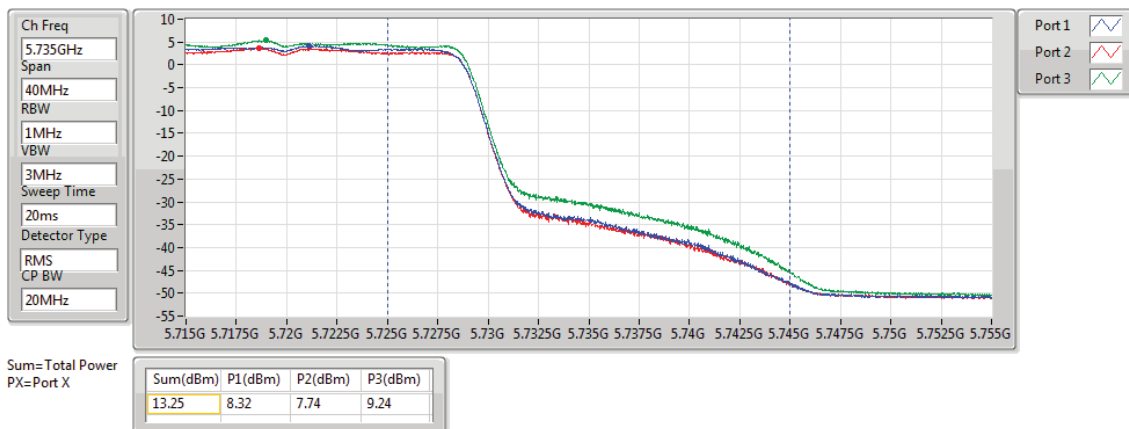




802.11ac VHT20_Nss1,(MCS0)_3TX

AV Power

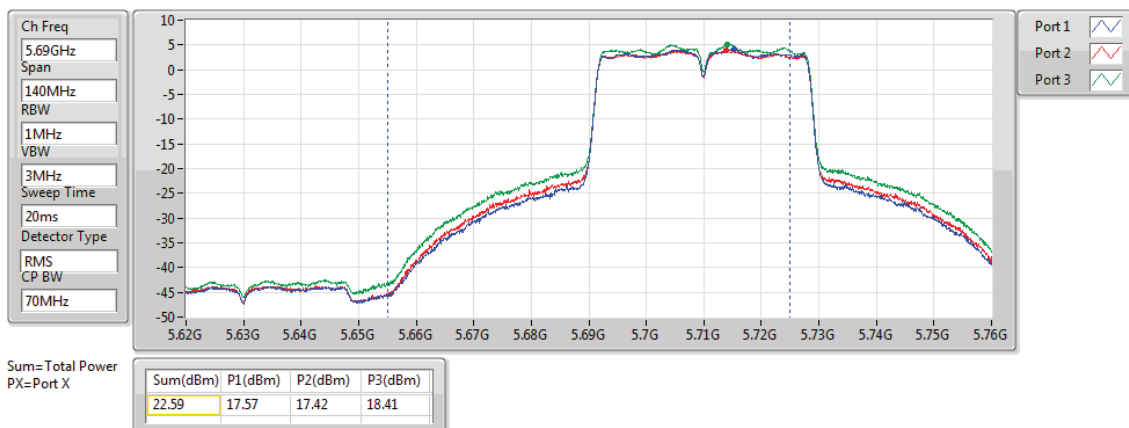
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

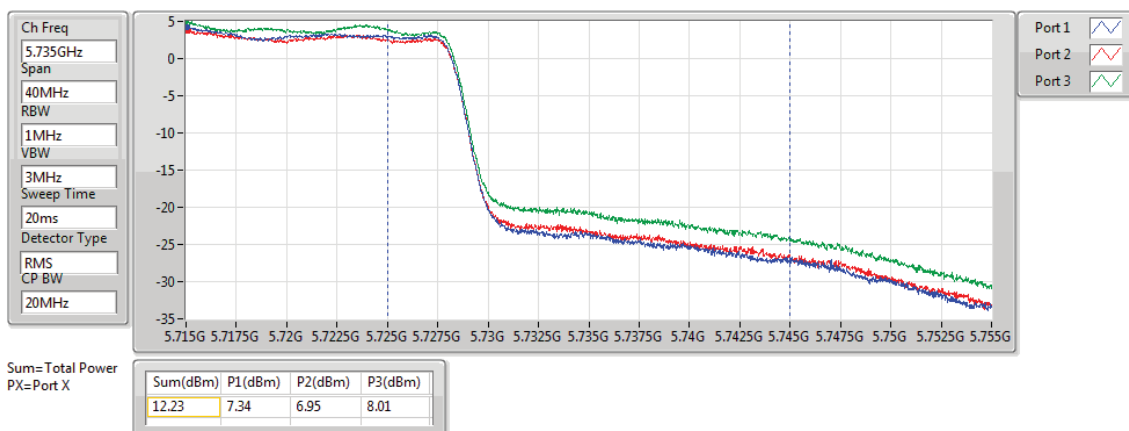
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

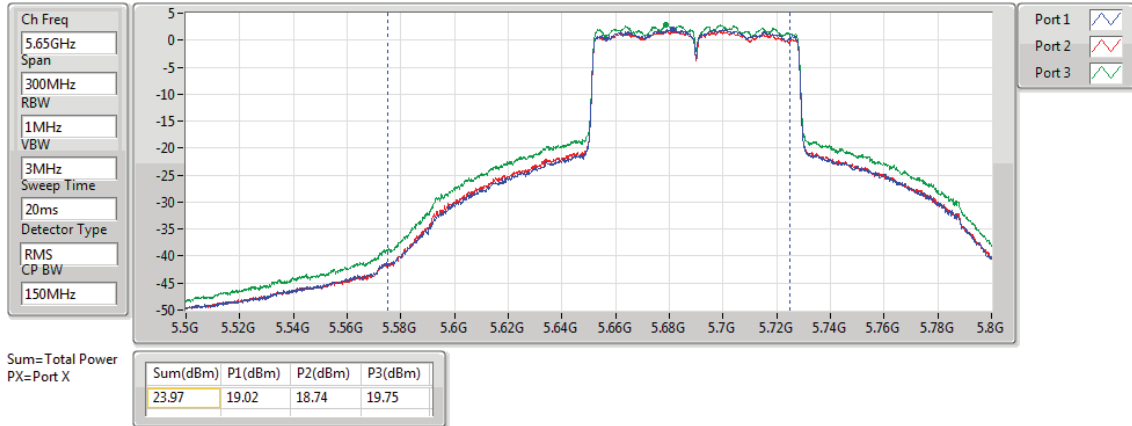
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

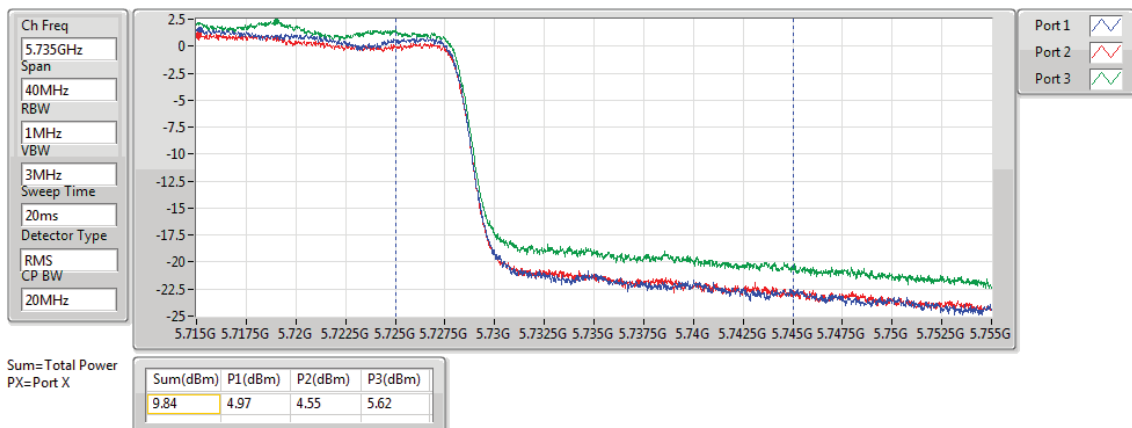
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_3TX	-	-	-	-
5.25-5.35GHz	20.51	0.11246	25.67	0.36898
5.47-5.725GHz	20.74	0.11858	25.84	0.38371
5.725-5.85GHz	13.43	0.02202	19.40	0.08709
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	20.76	0.11912	25.92	0.39084
5.47-5.725GHz	21.10	0.12882	26.20	0.41687
5.725-5.85GHz	13.71	0.02349	19.68	0.09290
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	23.75	0.23714	28.91	0.77804
5.47-5.725GHz	23.53	0.22542	28.63	0.72946
5.725-5.85GHz	11.65	0.01462	17.62	0.05781
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-
5.25-5.35GHz	18.38	0.06887	23.54	0.22594
5.47-5.725GHz	23.00	0.19953	28.10	0.64565
5.725-5.85GHz	9.42	0.00875	15.39	0.03459

**Result**

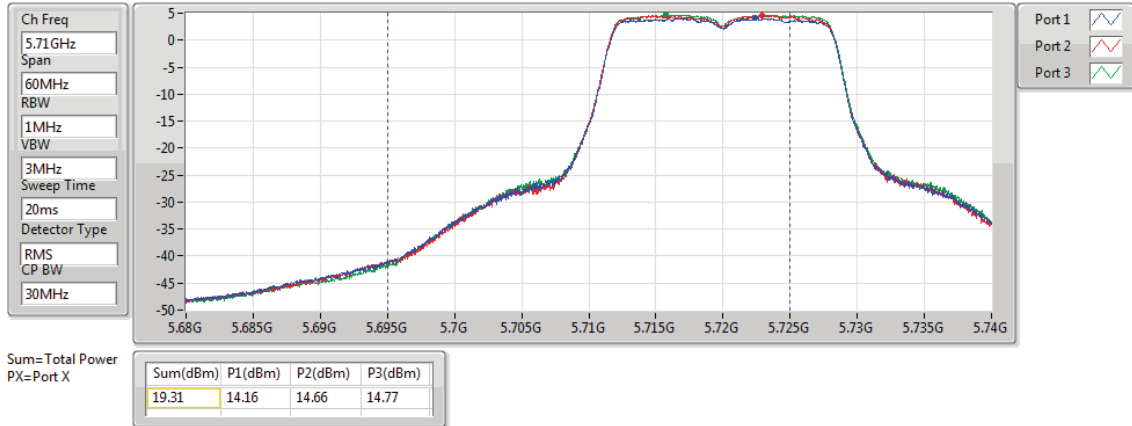
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.16	15.28	16.15	15.71	20.50	23.98	25.66	30.00
5300MHz	Pass	5.16	15.32	16.14	15.71	20.51	23.98	25.67	30.00
5320MHz	Pass	5.16	14.84	15.66	15.58	20.15	23.98	25.31	30.00
5500MHz	Pass	5.10	14.87	14.80	14.92	19.63	23.98	24.73	30.00
5580MHz	Pass	5.10	14.76	14.82	14.75	19.55	23.98	24.65	30.00
5700MHz	Pass	5.10	15.74	15.92	16.22	20.74	23.98	25.84	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	14.16	14.66	14.77	19.31	23.81	24.41	29.81
5720MHz Straddle 5.725-5.85GHz	Pass	5.97	8.58	8.45	8.92	13.43	30.00	19.40	36.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.16	15.20	16.42	15.98	20.67	23.98	25.83	30.00
5300MHz	Pass	5.16	15.50	16.35	16.06	20.76	23.98	25.92	30.00
5320MHz	Pass	5.16	15.48	16.38	16.00	20.74	23.98	25.90	30.00
5500MHz	Pass	5.10	15.32	15.42	15.48	20.18	23.98	25.28	30.00
5580MHz	Pass	5.10	15.54	15.46	15.51	20.27	23.98	25.37	30.00
5700MHz	Pass	5.10	16.13	16.28	16.57	21.10	23.98	26.20	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.10	13.98	14.39	14.68	19.13	23.98	24.23	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.97	8.76	8.94	9.11	13.71	30.00	19.68	36.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.16	18.31	19.38	19.16	23.75	23.98	28.91	30.00
5310MHz	Pass	5.16	14.99	16.04	15.14	20.19	23.98	25.35	30.00
5510MHz	Pass	5.10	14.63	15.27	14.66	19.63	23.98	24.73	30.00
5550MHz	Pass	5.10	18.68	18.69	18.68	23.45	23.98	28.55	30.00
5670MHz	Pass	5.10	18.73	18.68	18.86	23.53	23.98	28.63	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.10	17.96	17.76	17.48	22.51	23.98	27.61	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.97	7.17	6.88	6.57	11.65	30.00	17.62	36.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.16	13.05	14.10	13.60	18.38	23.98	23.54	30.00
5530MHz	Pass	5.10	14.73	14.99	15.30	19.78	23.98	24.88	30.00
5610MHz	Pass	5.10	18.11	17.93	17.94	22.77	23.98	27.87	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.10	18.48	18.07	18.11	23.00	23.98	28.10	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.97	4.84	4.42	4.67	9.42	30.00	15.39	36.00

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

802.11a_(6Mbps)_3TX

AV Power

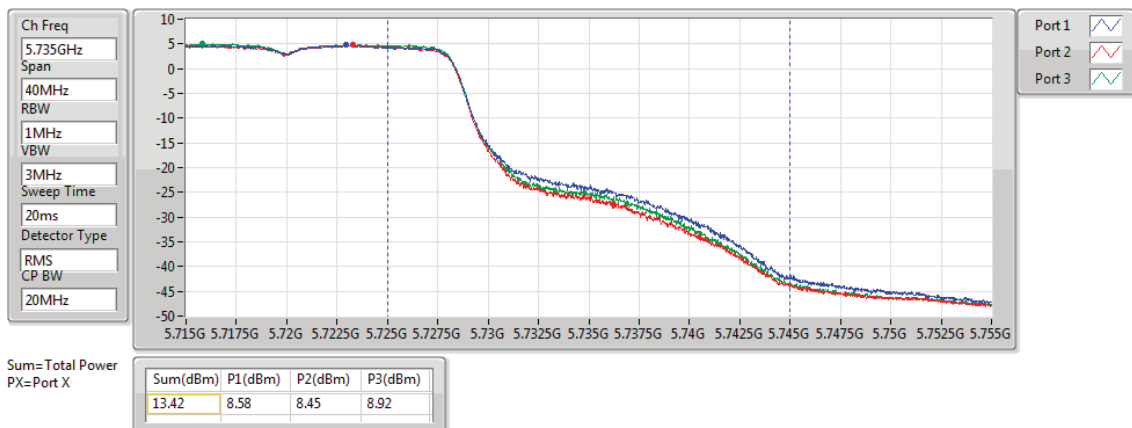
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

AV Power

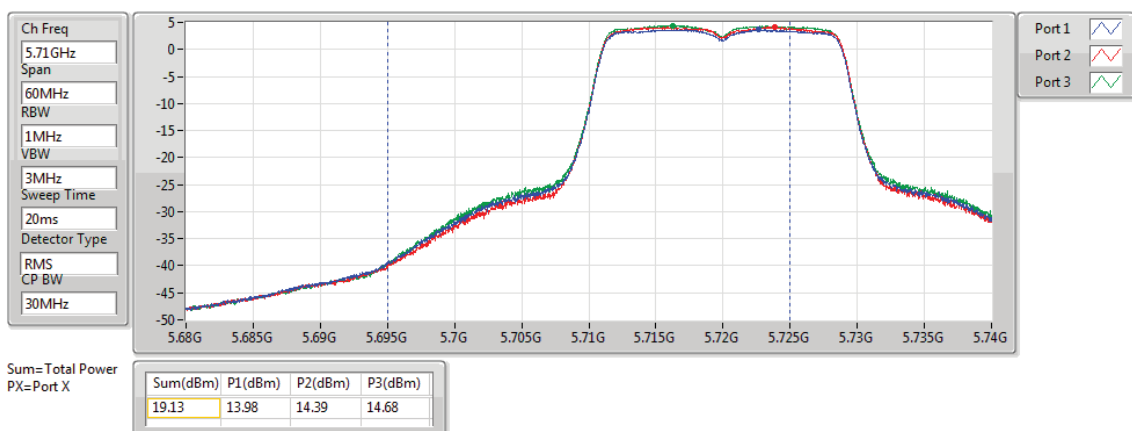
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

AV Power

5720MHz Straddle 5.47-5.725GHz

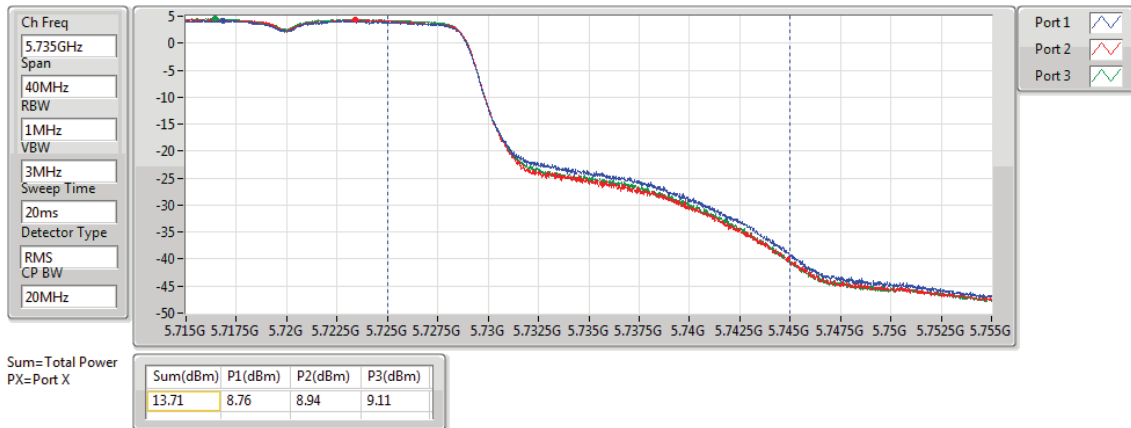




802.11ac VHT20_Nss1,(MCS0)_3TX

AV Power

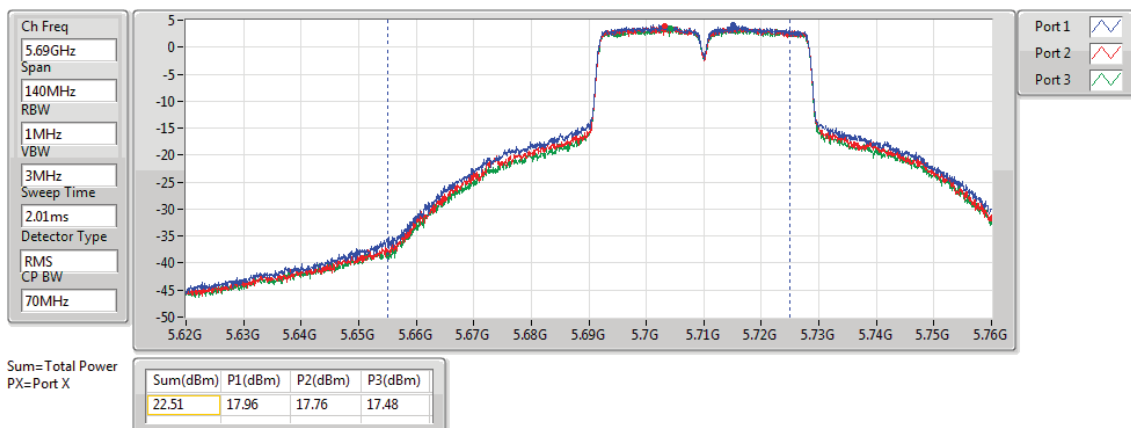
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

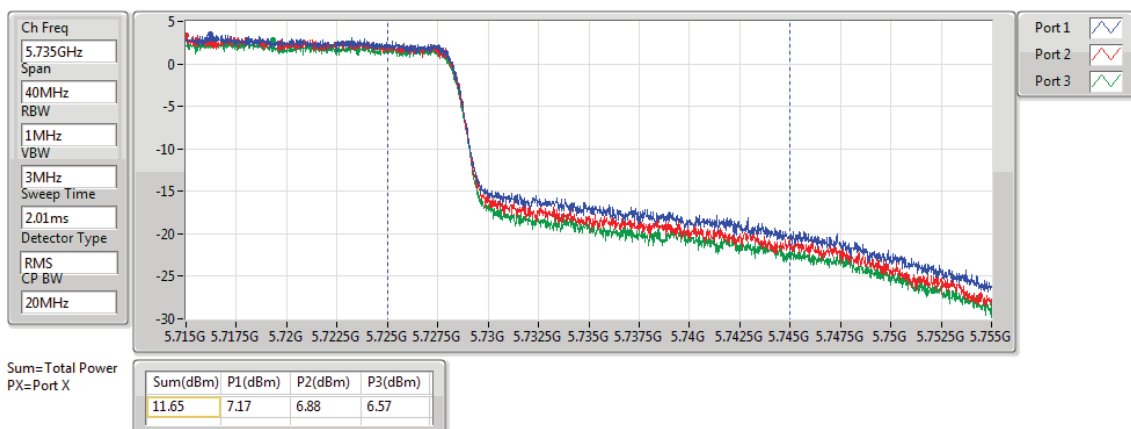
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

AV Power

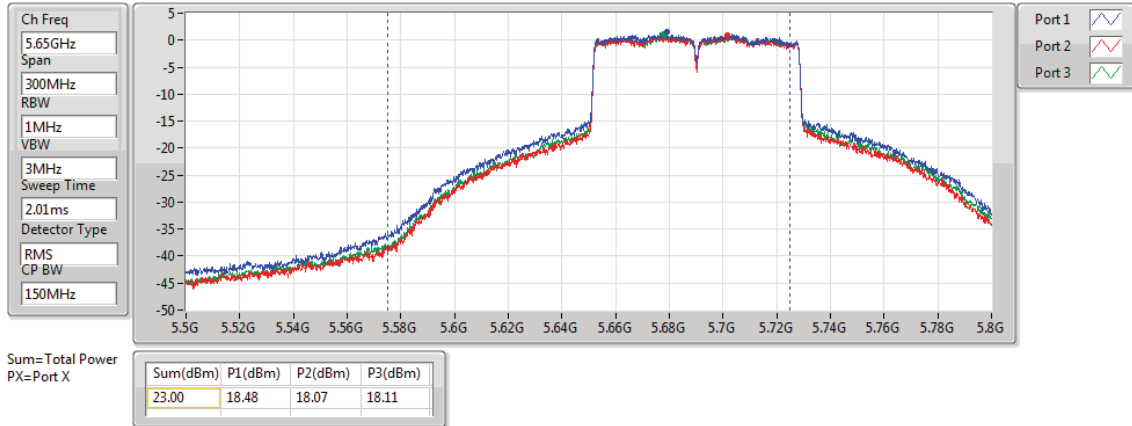
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-
5.25-5.35GHz	6.84	16.77
5.47-5.725GHz	7.03	16.90
5.725-5.85GHz	2.95	13.69
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	6.98	16.91
5.47-5.725GHz	7.12	16.99
5.725-5.85GHz	3.21	13.96
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	6.99	16.92
5.47-5.725GHz	7.10	16.97
5.725-5.85GHz	3.24	13.98
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	3.39	13.32
5.47-5.725GHz	5.55	15.42
5.725-5.85GHz	0.60	11.34

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	9.93	1.19	1.41	2.94	6.63	7.07	16.56	Inf
5300MHz	Pass	9.93	1.58	1.38	3.07	6.84	7.07	16.77	Inf
5320MHz	Pass	9.93	1.52	1.41	2.87	6.65	7.07	16.58	Inf
5500MHz	Pass	9.87	1.87	2.09	2.97	7.01	7.13	16.88	Inf
5580MHz	Pass	9.87	1.75	2.13	2.83	7.03	7.13	16.90	Inf
5700MHz	Pass	9.87	1.49	1.52	3.24	6.93	7.13	16.80	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	9.87	2.00	1.29	2.82	6.82	7.13	16.69	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	10.74	-1.72	-2.55	-1.15	2.95	25.26	13.69	Inf
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	9.93	1.82	1.88	3.19	6.98	7.07	16.91	Inf
5300MHz	Pass	9.93	1.53	1.53	3.35	6.81	7.07	16.74	Inf
5320MHz	Pass	9.93	1.54	1.60	3.42	6.84	7.07	16.77	Inf
5500MHz	Pass	9.87	1.96	1.97	2.72	6.84	7.13	16.71	Inf
5580MHz	Pass	9.87	1.94	2.26	3.02	7.12	7.13	16.99	Inf
5700MHz	Pass	9.87	1.97	1.67	3.66	7.12	7.13	16.99	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	9.87	1.83	1.37	3.24	6.86	7.13	16.73	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	10.74	-1.57	-2.16	-0.74	3.21	25.26	13.96	Inf
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	9.93	1.56	2.23	3.10	6.86	7.07	16.79	Inf
5310MHz	Pass	9.93	1.87	2.16	3.52	6.99	7.07	16.92	Inf
5510MHz	Pass	9.87	2.22	2.57	3.14	7.04	7.13	16.91	Inf
5550MHz	Pass	9.87	1.47	2.52	3.16	7.10	7.13	16.97	Inf
5670MHz	Pass	9.87	2.00	2.20	3.39	7.07	7.13	16.94	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	9.87	2.09	1.58	2.95	6.96	7.13	16.83	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	10.74	-1.55	-2.05	-1.05	3.24	25.26	13.98	Inf
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	9.93	-1.95	-1.76	-0.41	3.39	7.07	13.32	Inf
5530MHz	Pass	9.87	-3.65	-3.26	-2.69	1.48	7.13	11.35	Inf
5610MHz	Pass	9.87	0.43	0.60	1.57	5.55	7.13	15.42	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	9.87	-0.17	-0.46	0.82	4.81	7.13	14.68	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	10.74	-4.20	-4.58	-3.49	0.60	25.26	11.34	Inf

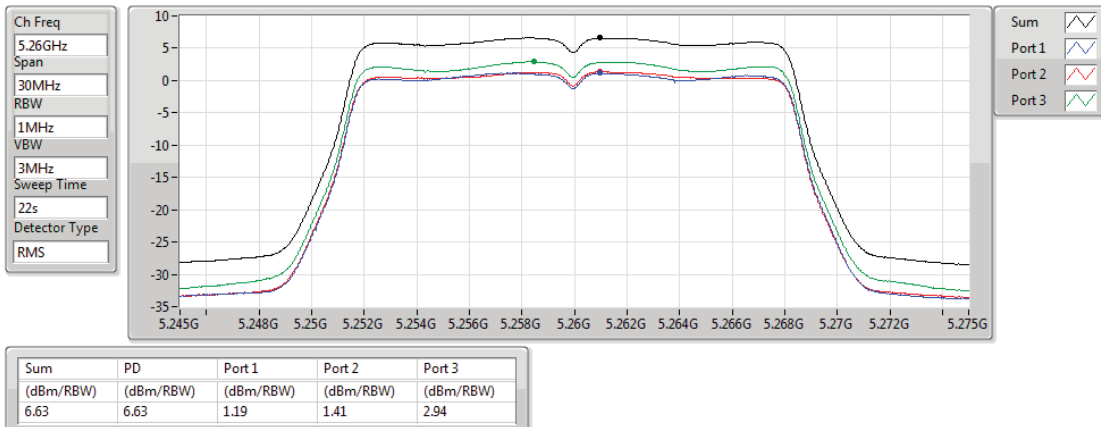
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_(6Mbps)_3TX

PSD

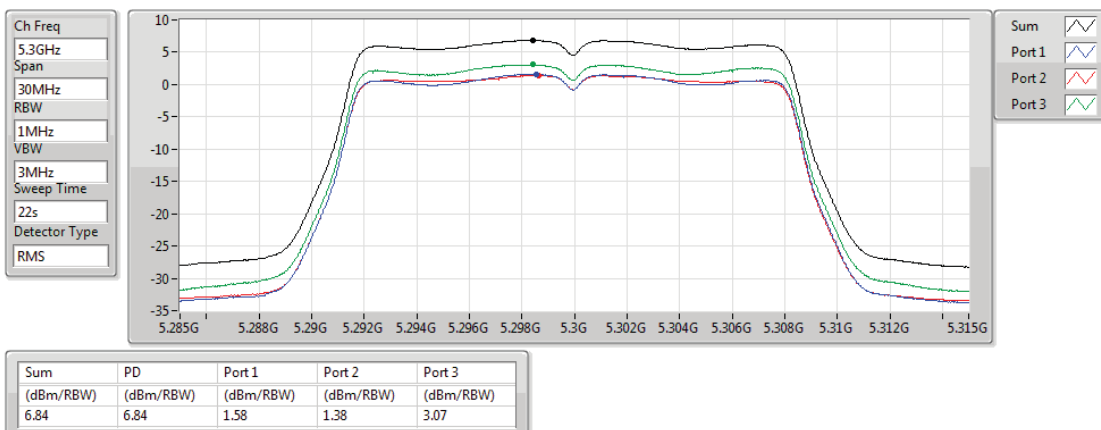
5260MHz



802.11a_(6Mbps)_3TX

PSD

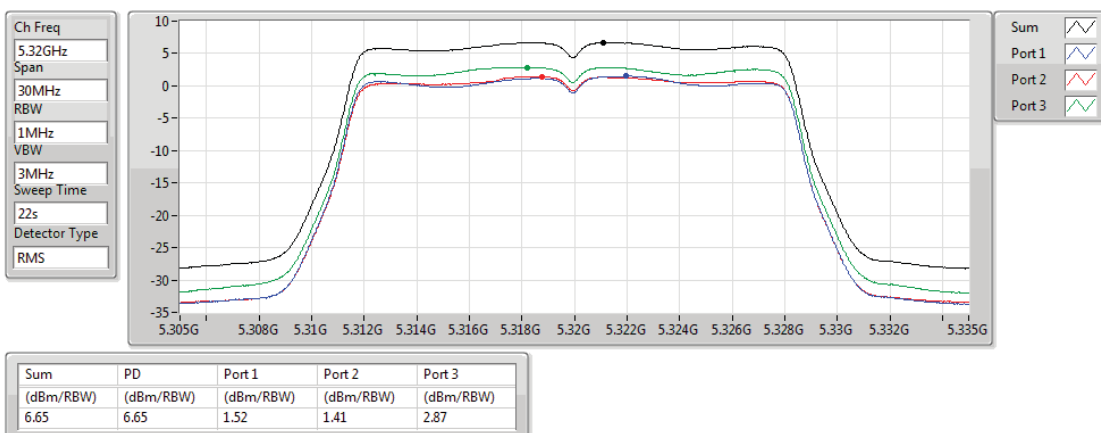
5300MHz



802.11a_(6Mbps)_3TX

PSD

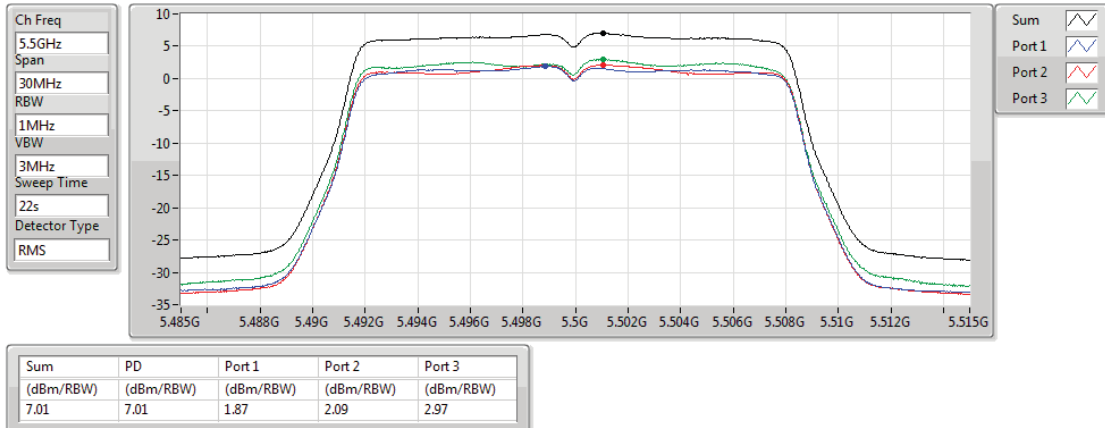
5320MHz



802.11a_(6Mbps)_3TX

PSD

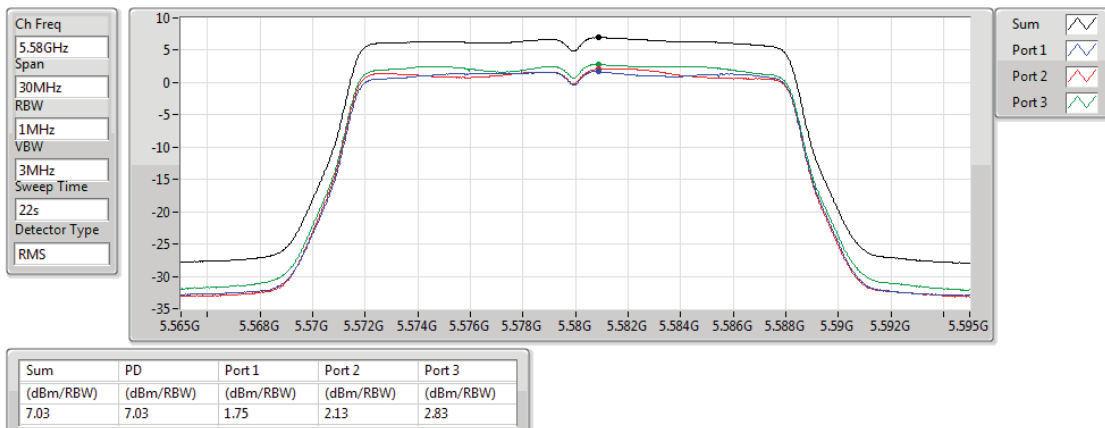
5500MHz



802.11a_(6Mbps)_3TX

PSD

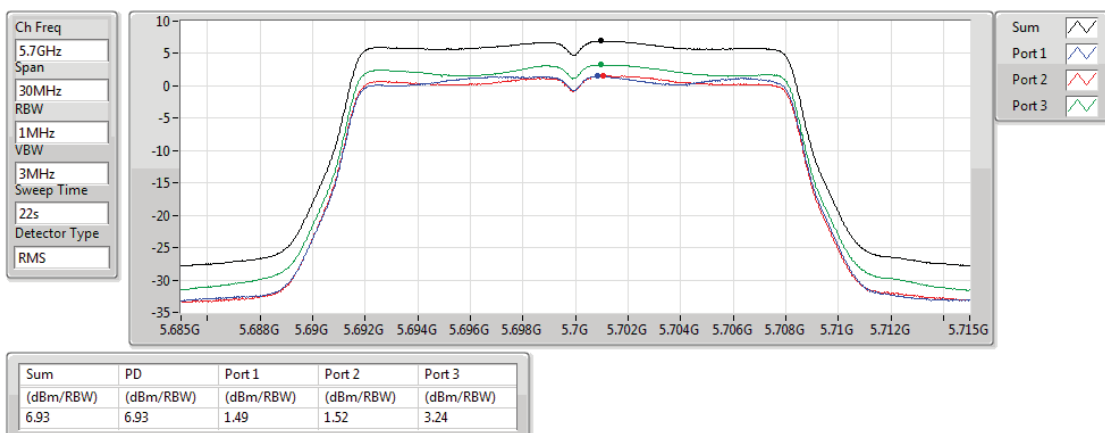
5580MHz



802.11a_(6Mbps)_3TX

PSD

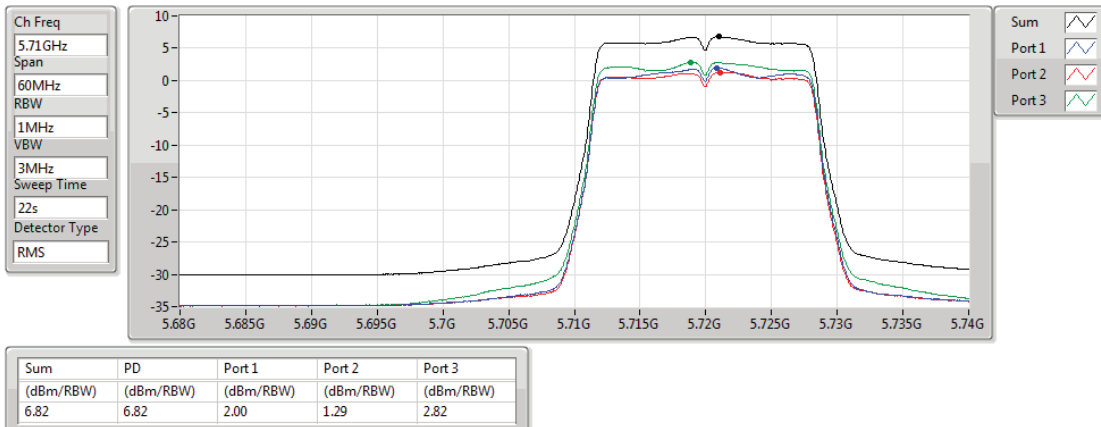
5700MHz



802.11a_(6Mbps)_3TX

PSD

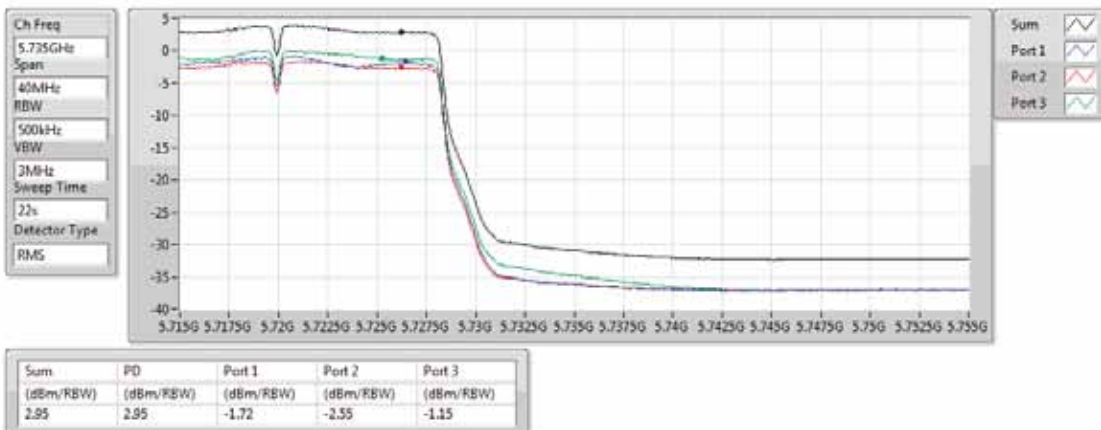
5720MHz Straddle 5.47-5.725GHz



802.11a_(6Mbps)_3TX

PSD

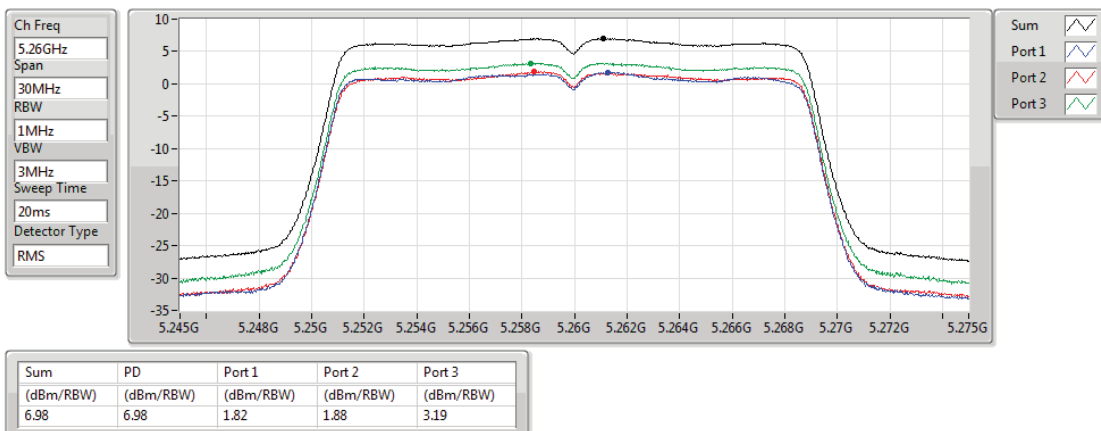
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

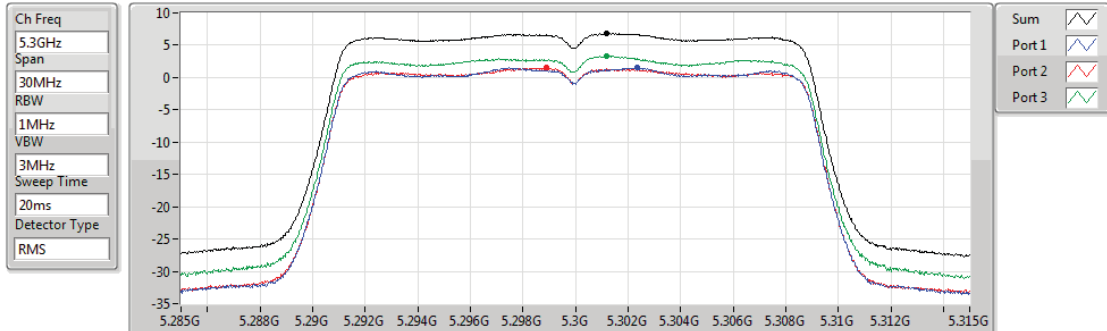
5260MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5300MHz

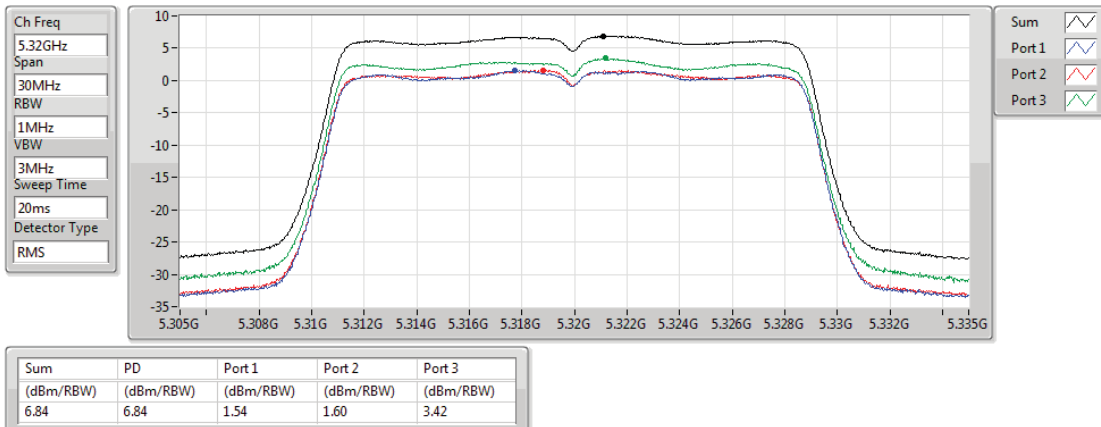


Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.81	6.81	1.53	1.53	3.35

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

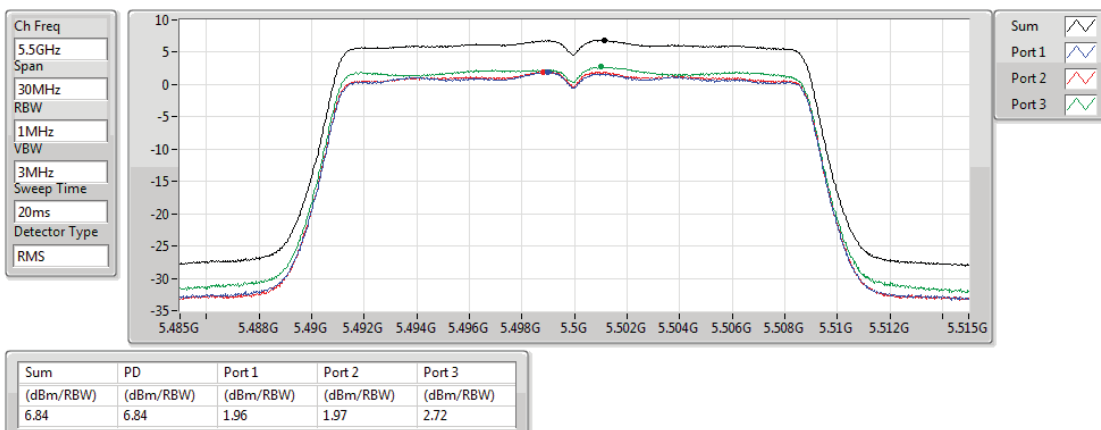
5320MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

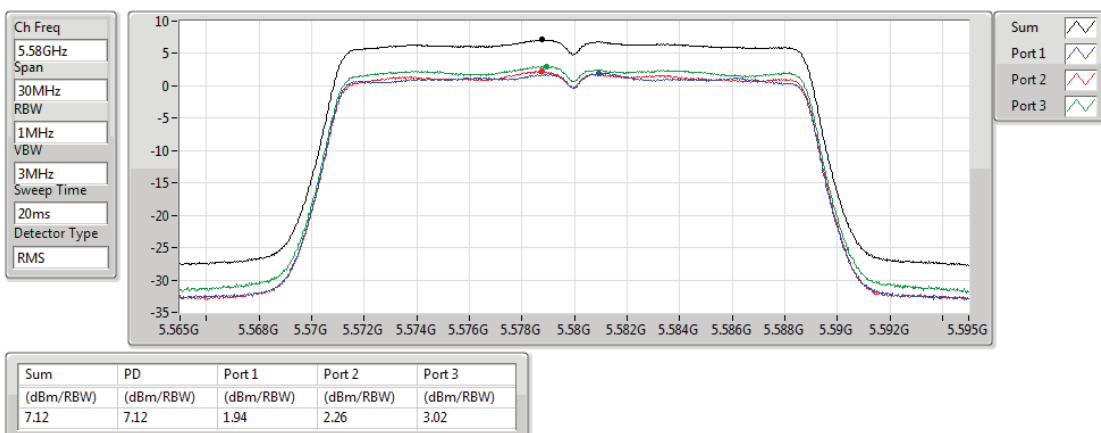
5500MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

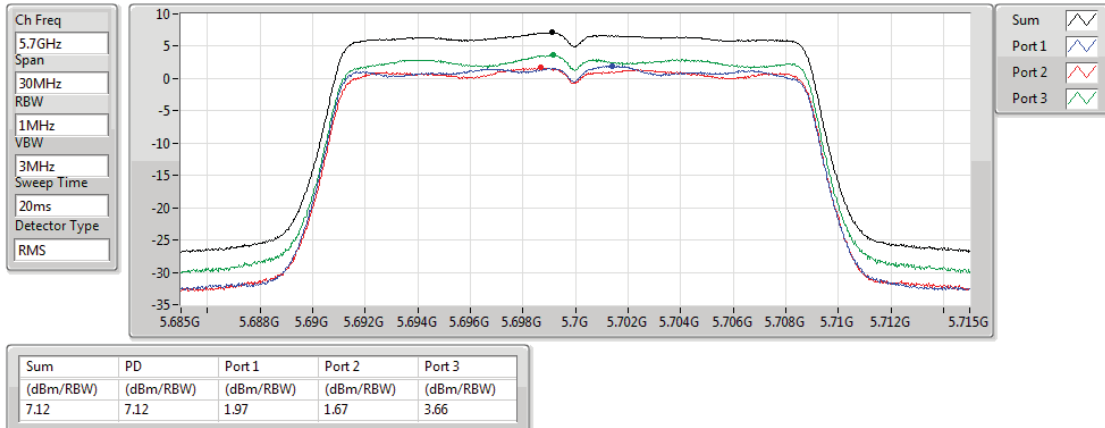
5580MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

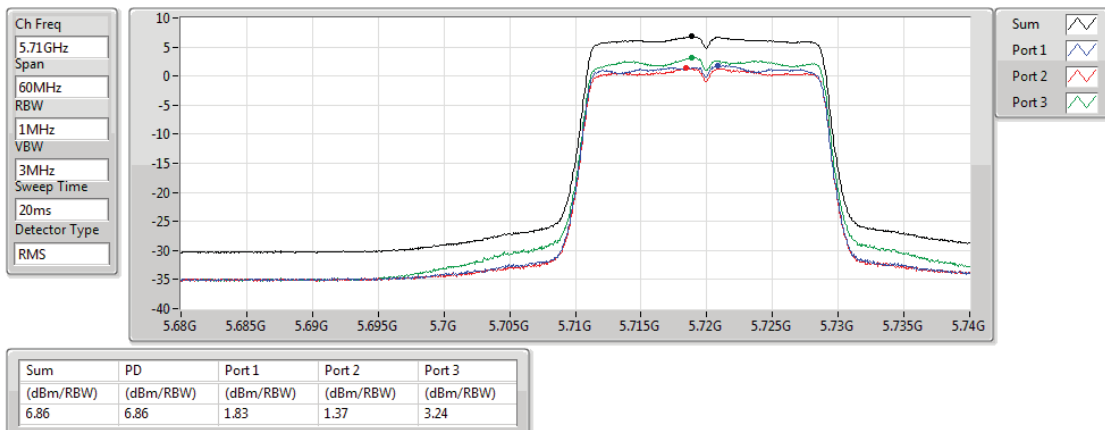
5700MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

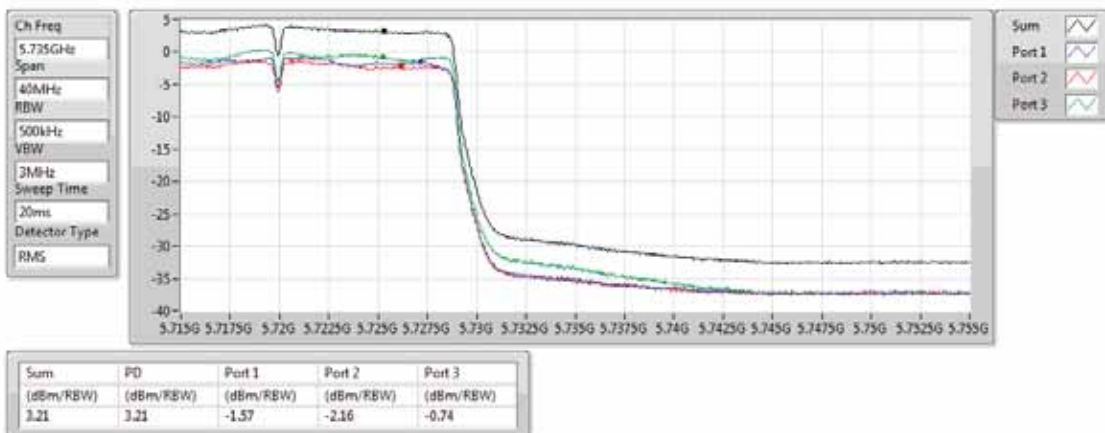
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

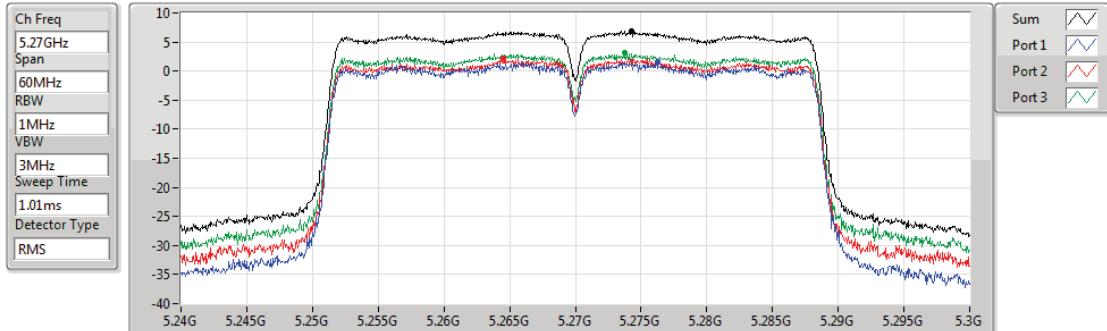
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

5270MHz

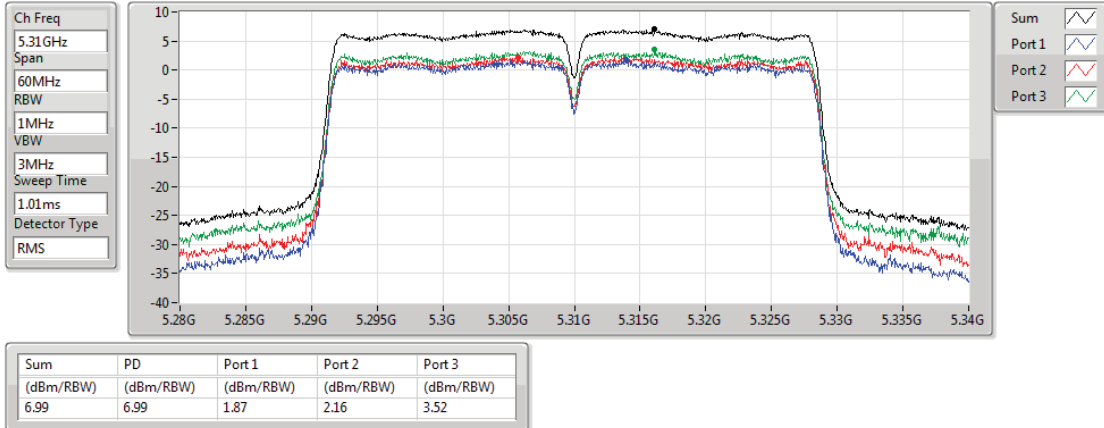


Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	1.56	2.23	3.10

802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

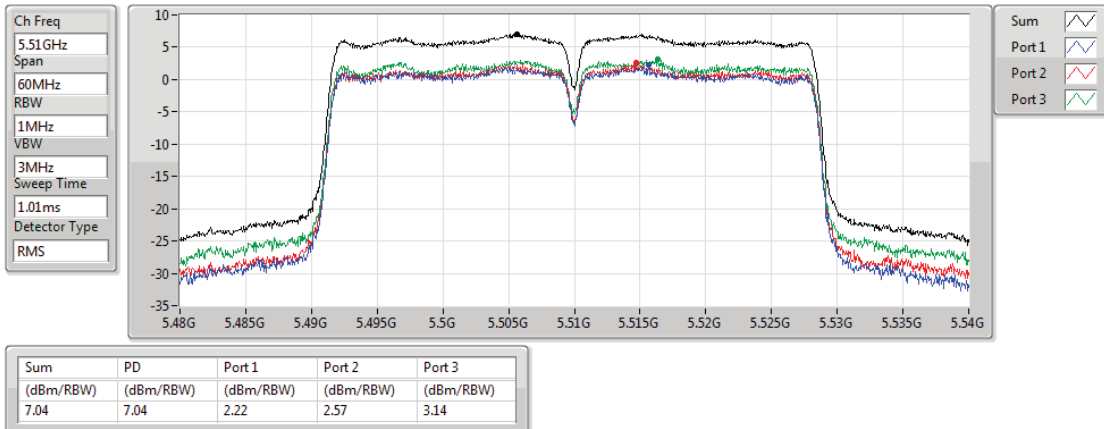
5310MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

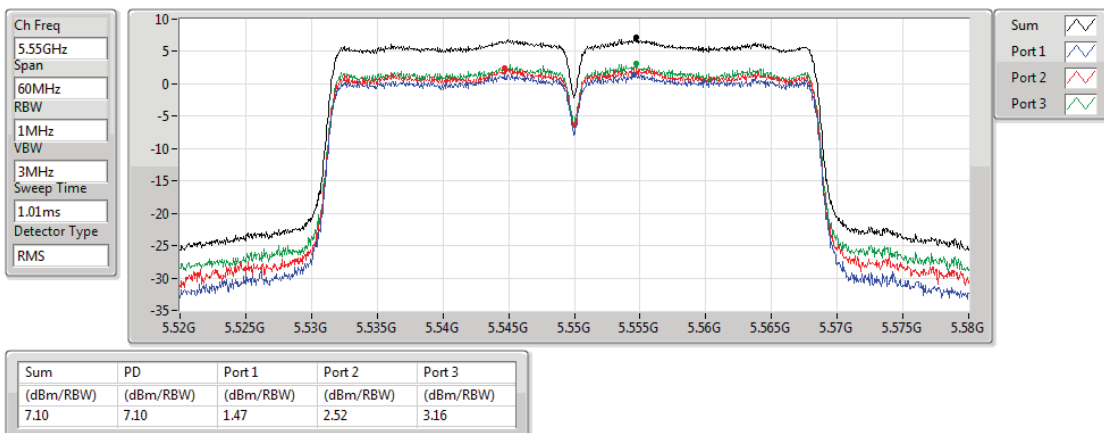
5510MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

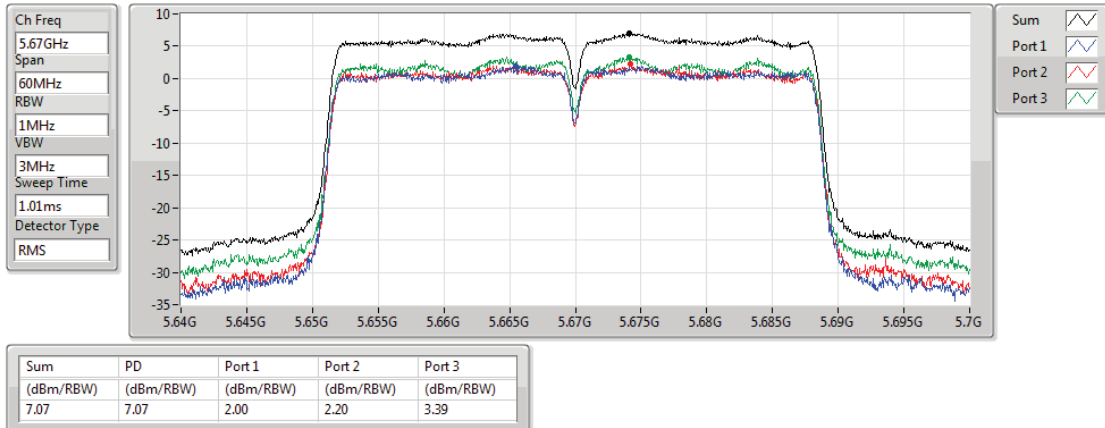
5550MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

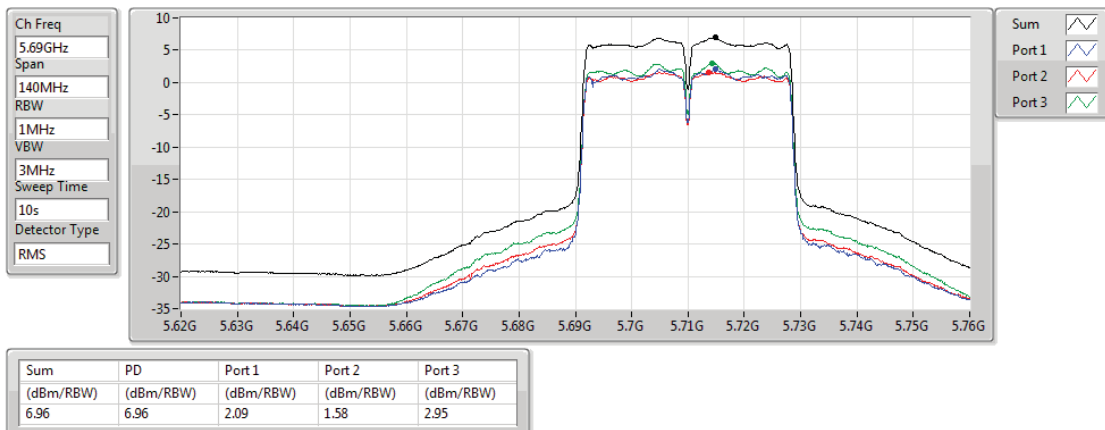
5670MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

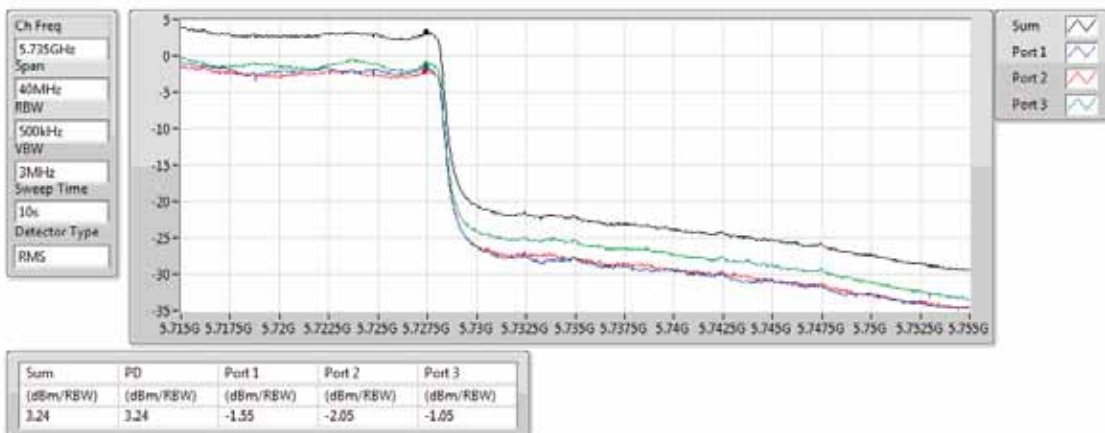
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

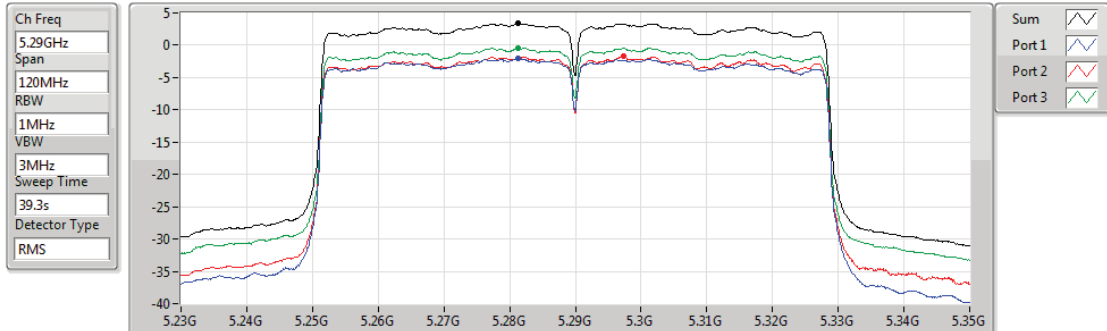
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5290MHz

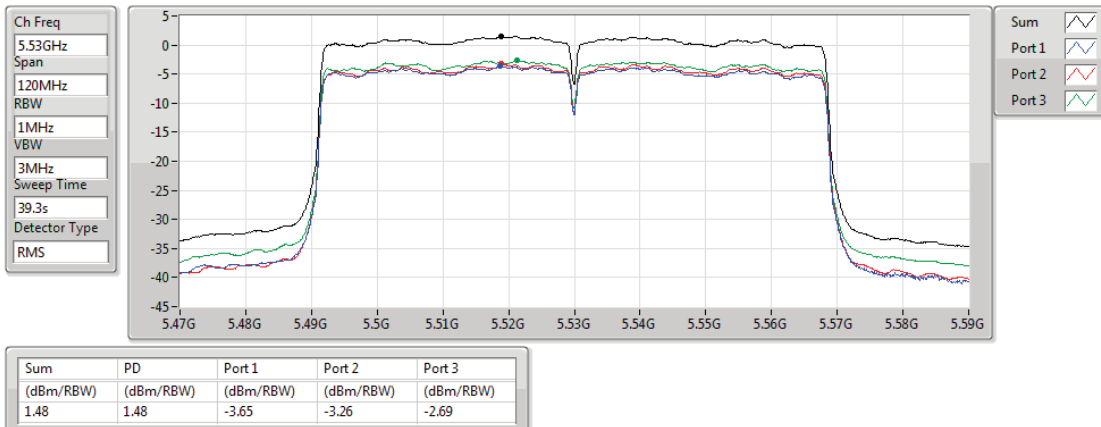


Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.39	3.39	-1.95	-1.76	-0.41

802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

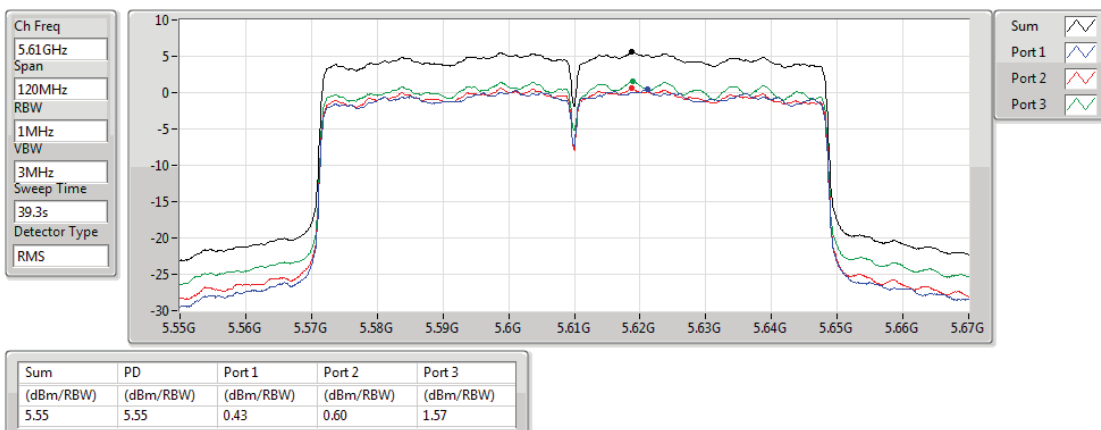
5530MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

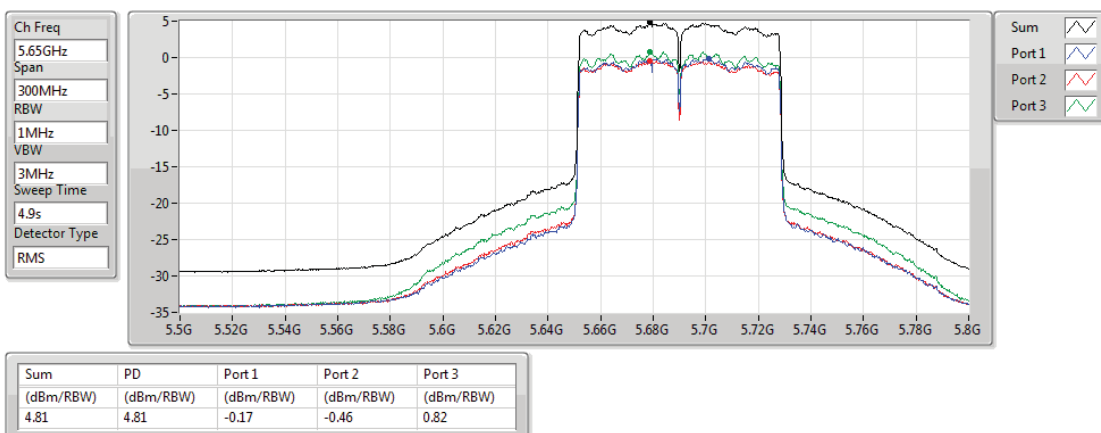
5610MHz

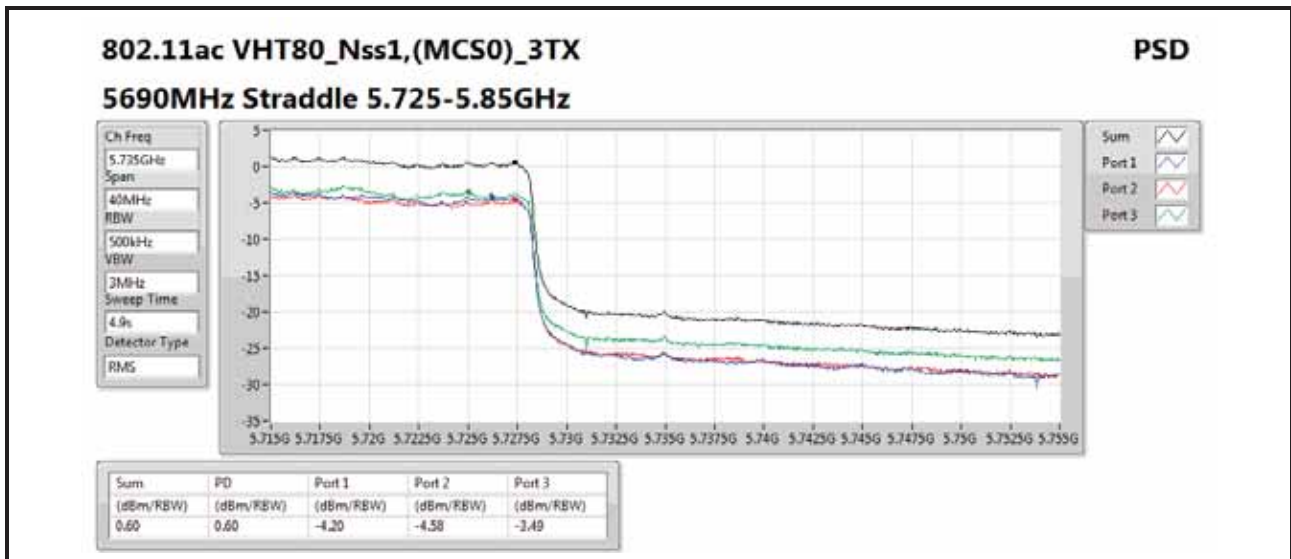


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz





**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-
5.25-5.35GHz	7.04	16.97
5.47-5.725GHz	7.05	16.92
5.725-5.85GHz	4.15	14.89
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	6.89	16.82
5.47-5.725GHz	7.11	16.98
5.725-5.85GHz	3.79	14.53
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	6.65	16.58
5.47-5.725GHz	6.92	16.79
5.725-5.85GHz	2.02	12.76
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.25-5.35GHz	-1.25	8.68
5.47-5.725GHz	3.93	13.80
5.725-5.85GHz	-0.37	10.37

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	9.93	1.76	2.67	2.19	6.96	7.07	16.89	Inf
5300MHz	Pass	9.93	1.77	2.58	2.42	7.04	7.07	16.97	Inf
5320MHz	Pass	9.93	1.49	2.23	2.08	6.70	7.07	16.63	Inf
5500MHz	Pass	9.87	1.96	1.99	1.91	6.71	7.13	16.58	Inf
5580MHz	Pass	9.87	1.99	1.83	1.89	6.66	7.13	16.53	Inf
5700MHz	Pass	9.87	1.94	2.23	2.31	6.87	7.13	16.74	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	9.87	1.86	2.58	2.62	7.05	7.13	16.92	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	10.74	-0.85	-0.57	-0.41	4.15	25.26	14.89	Inf
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	9.93	1.42	2.73	2.25	6.86	7.07	16.79	Inf
5300MHz	Pass	9.93	1.70	2.55	2.26	6.89	7.07	16.82	Inf
5320MHz	Pass	9.93	1.59	2.44	2.35	6.84	7.07	16.77	Inf
5500MHz	Pass	9.87	2.19	2.32	2.38	7.00	7.13	16.87	Inf
5580MHz	Pass	9.87	2.38	2.32	2.54	7.11	7.13	16.98	Inf
5700MHz	Pass	9.87	1.91	2.21	2.27	6.87	7.13	16.74	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	9.87	2.00	2.16	2.46	6.92	7.13	16.79	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	10.74	-1.09	-0.89	-0.84	3.79	25.26	14.53	Inf
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	9.93	1.22	2.37	2.18	6.65	7.07	16.58	Inf
5310MHz	Pass	9.93	-1.85	-0.80	-1.61	3.35	7.07	13.28	Inf
5510MHz	Pass	9.87	-1.66	-1.05	-1.68	3.30	7.13	13.17	Inf
5550MHz	Pass	9.87	2.17	2.28	2.16	6.92	7.13	16.79	Inf
5670MHz	Pass	9.87	1.49	1.57	1.64	6.26	7.13	16.13	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	9.87	1.74	1.58	1.13	6.25	7.13	16.12	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	10.74	-2.67	-2.69	-2.88	2.02	25.26	12.76	Inf
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	9.93	-6.39	-5.47	-6.10	-1.25	7.07	8.68	Inf
5530MHz	Pass	9.87	-4.20	-3.95	-3.96	0.72	7.13	10.59	Inf
5610MHz	Pass	9.87	-0.82	-0.90	-0.80	3.93	7.13	13.80	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	9.87	-1.09	-1.21	-1.43	3.49	7.13	13.37	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	10.74	-5.01	-5.06	-5.31	-0.37	25.26	10.37	Inf

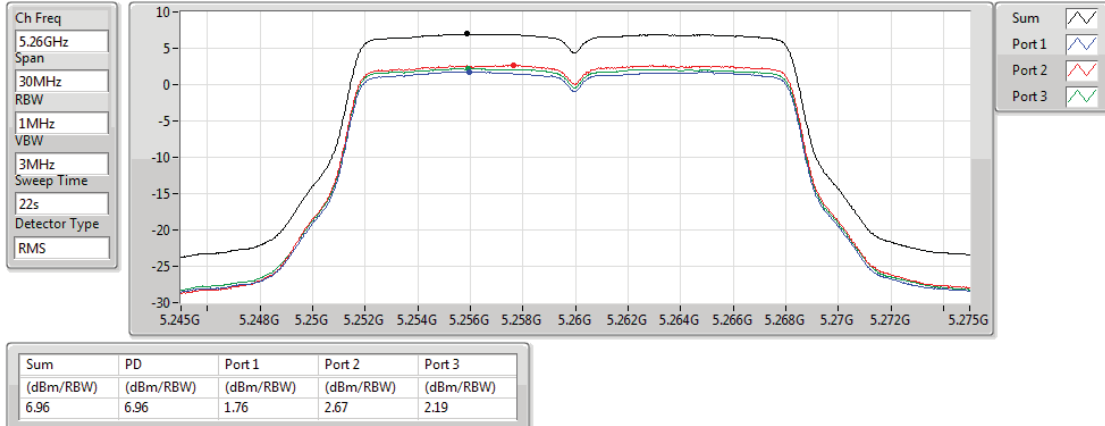
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_(6Mbps)_3TX

PSD

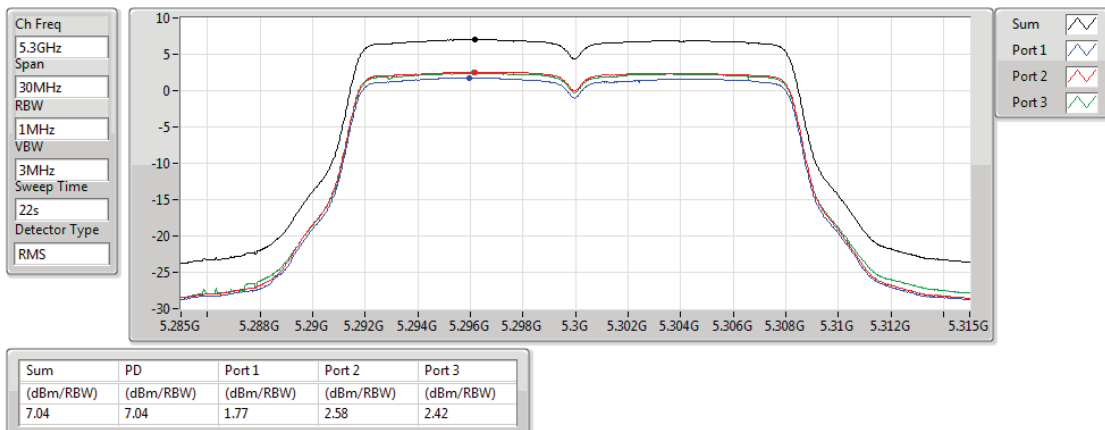
5260MHz



802.11a_(6Mbps)_3TX

PSD

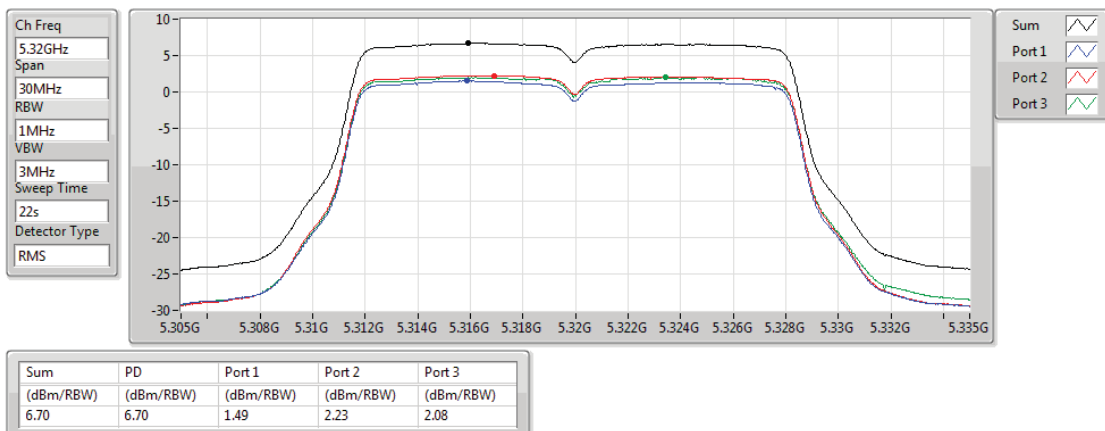
5300MHz



802.11a_(6Mbps)_3TX

PSD

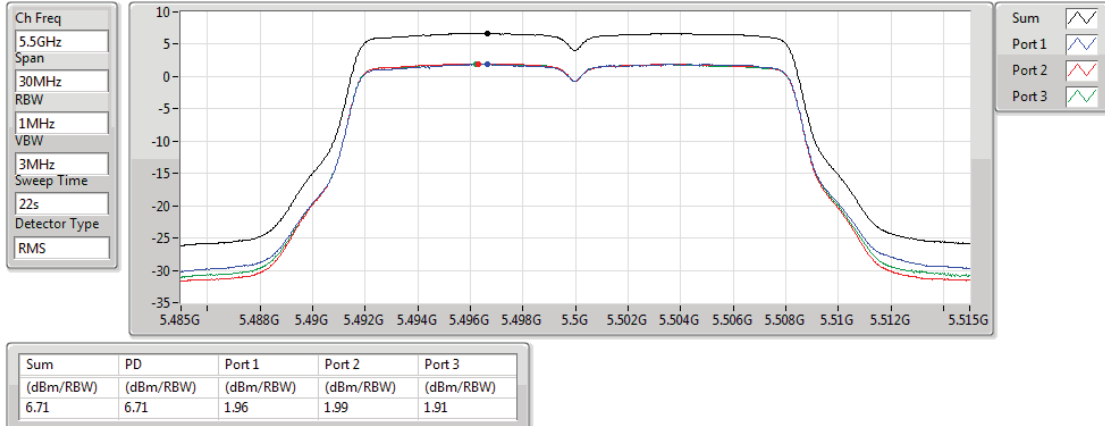
5320MHz



802.11a_(6Mbps)_3TX

PSD

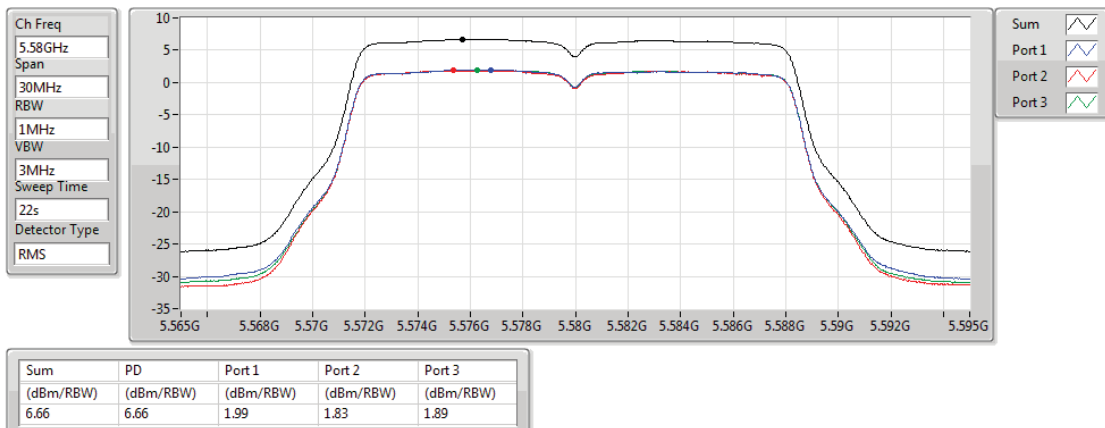
5500MHz



802.11a_(6Mbps)_3TX

PSD

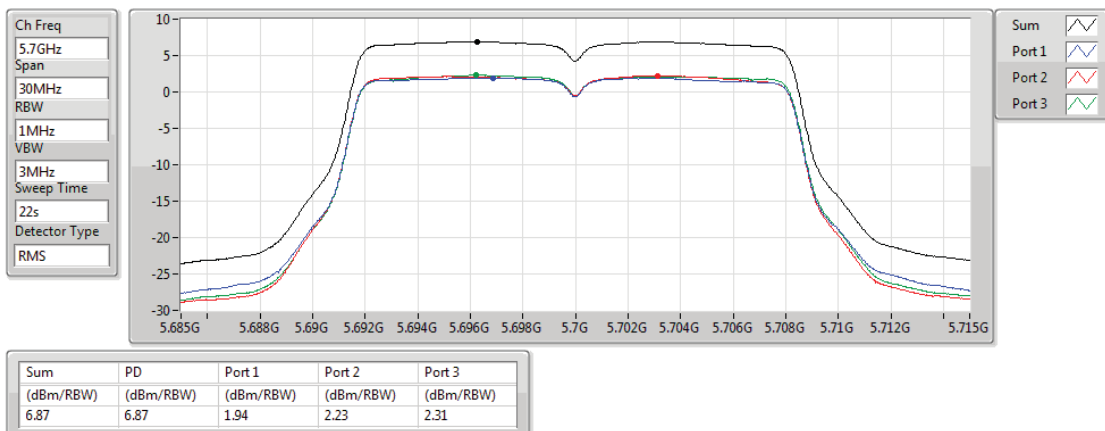
5580MHz



802.11a_(6Mbps)_3TX

PSD

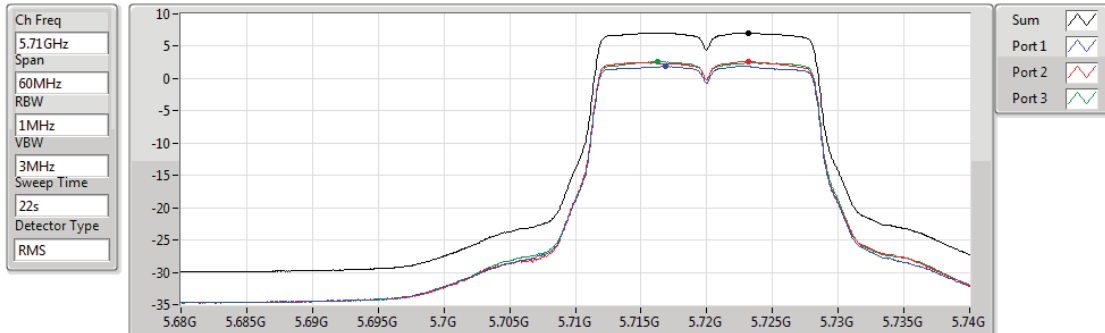
5700MHz



802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.47-5.725GHz

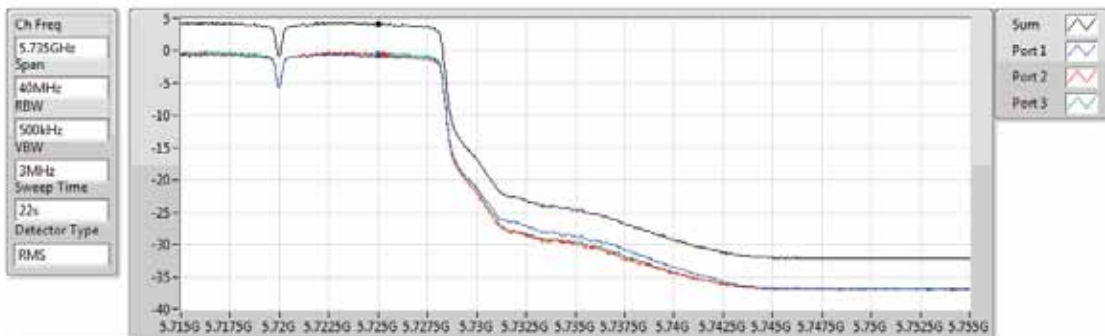


Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.05	7.05	1.86	2.58	2.62

802.11a_(6Mbps)_3TX

PSD

5720MHz Straddle 5.725-5.85GHz

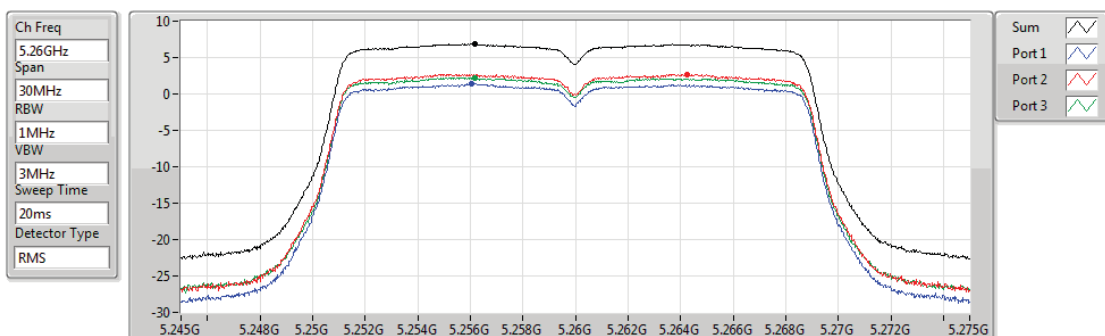


Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.15	4.15	-0.85	-0.57	-0.41

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

5260MHz

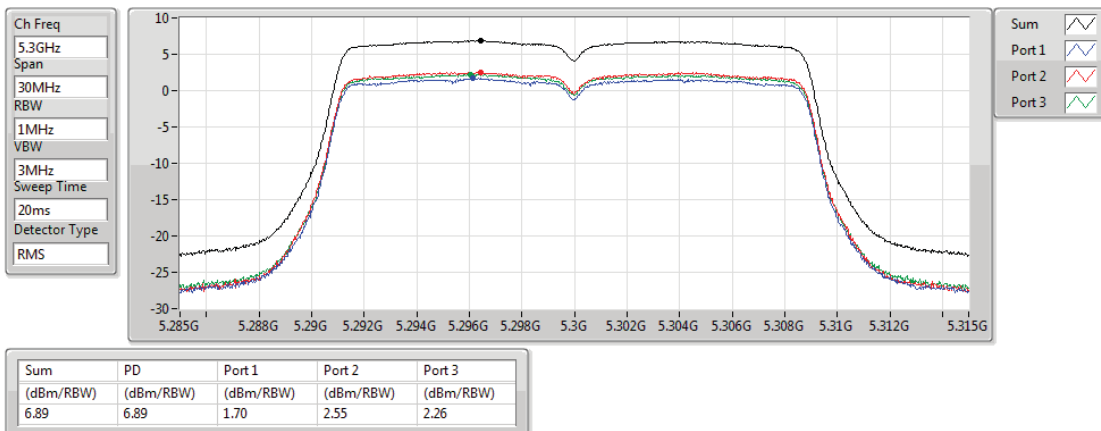


Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.86	6.86	1.42	2.73	2.25

802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

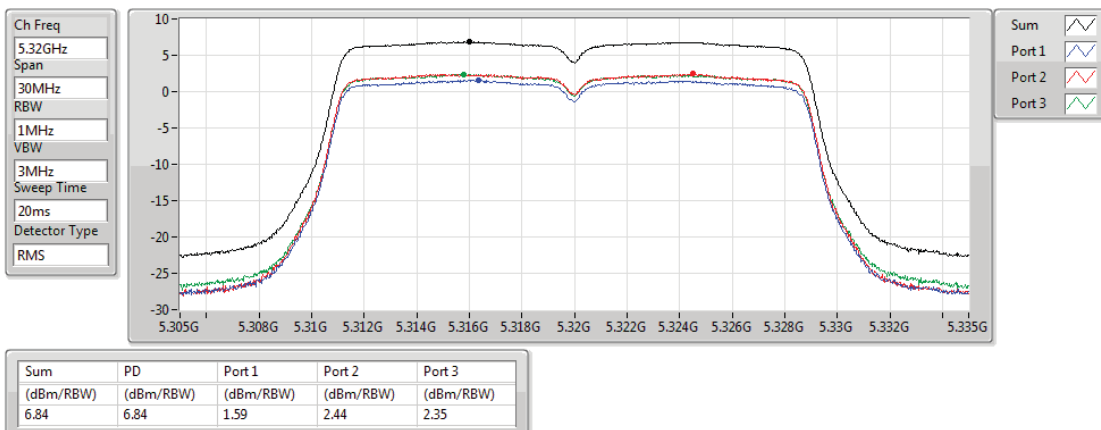
5300MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

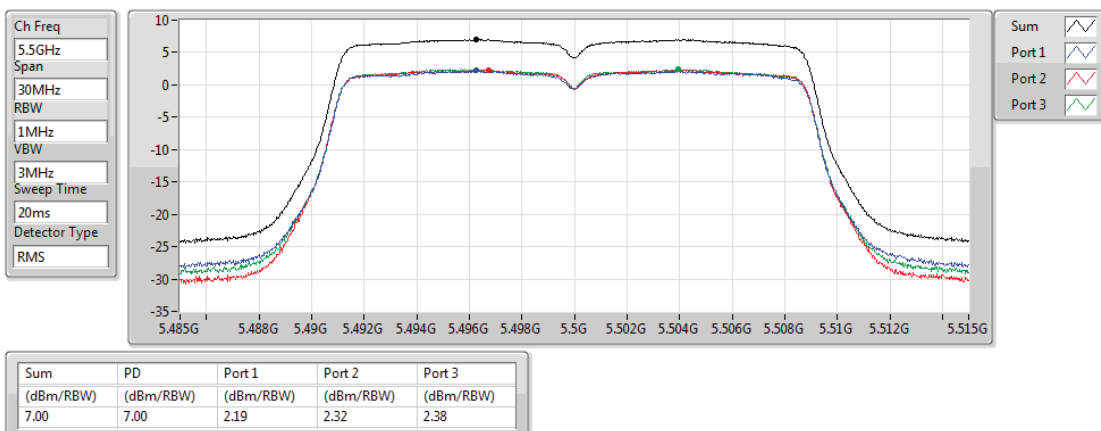
5320MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

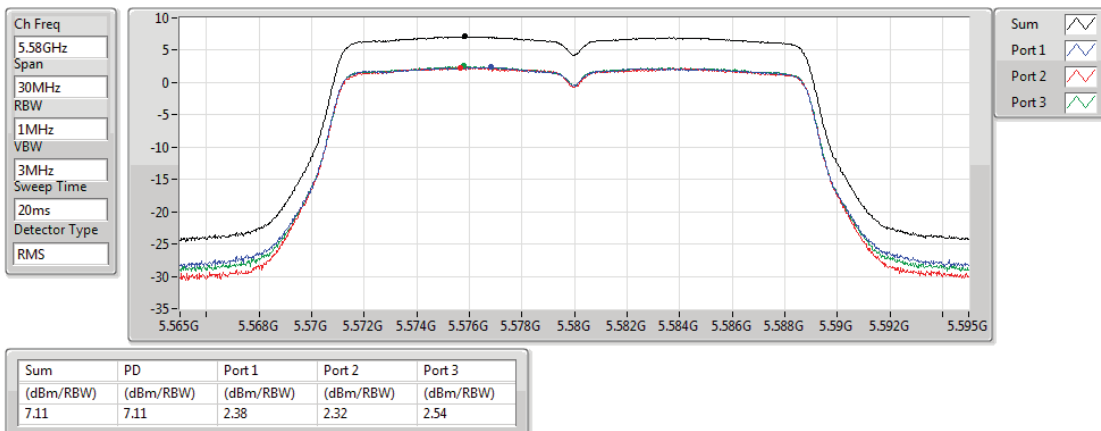
5500MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

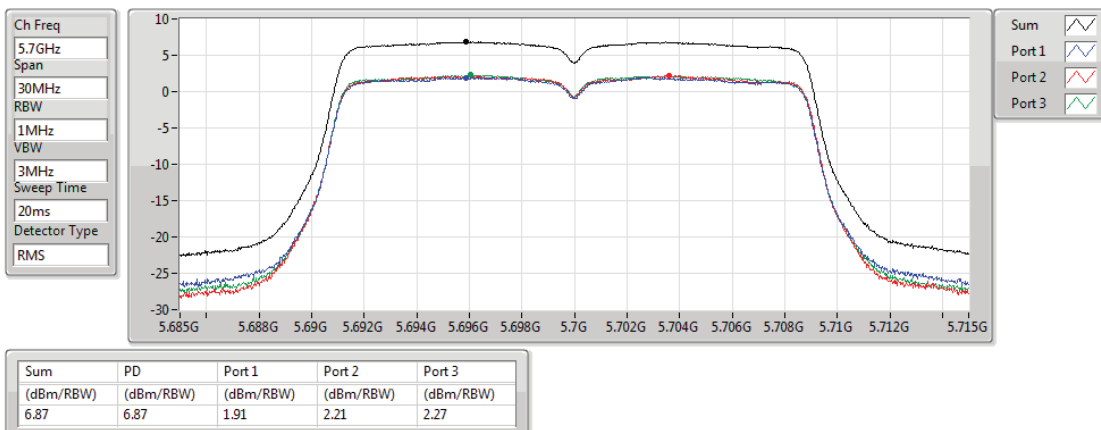
5580MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

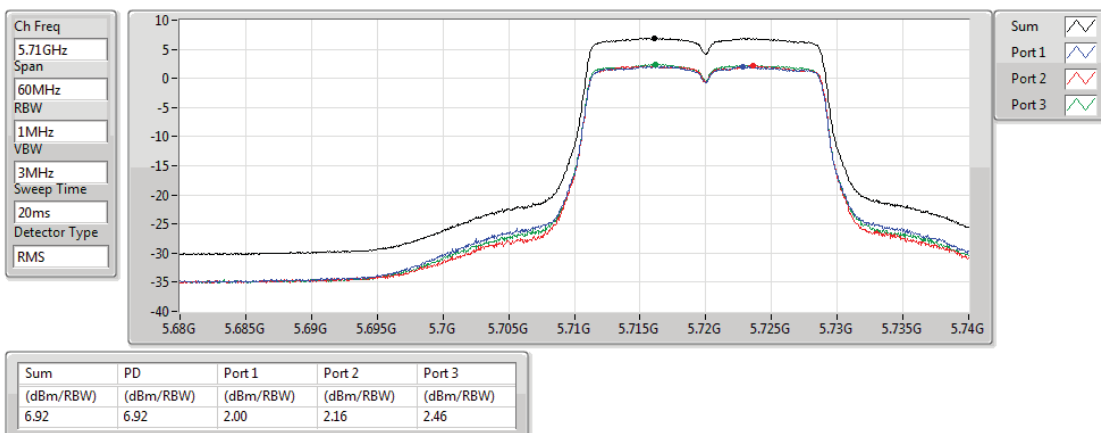
5700MHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

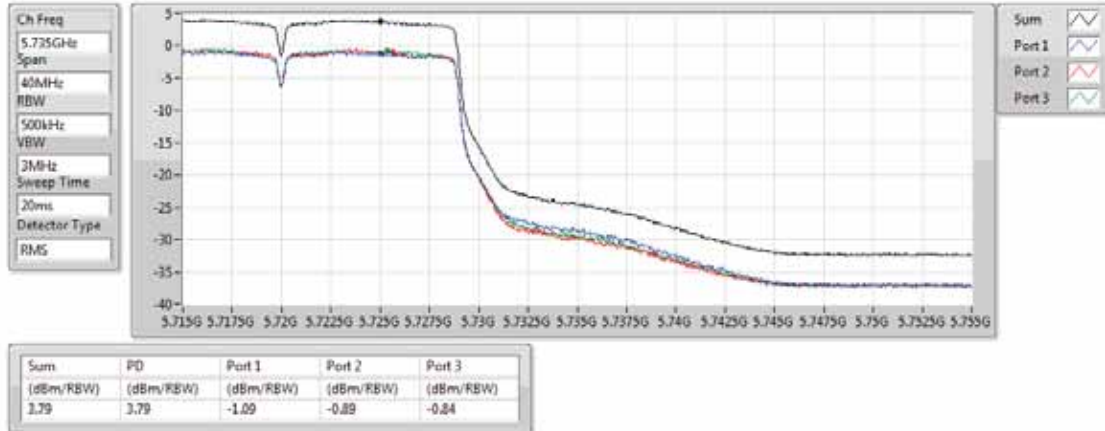
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20_Nss1,(MCS0)_3TX

PSD

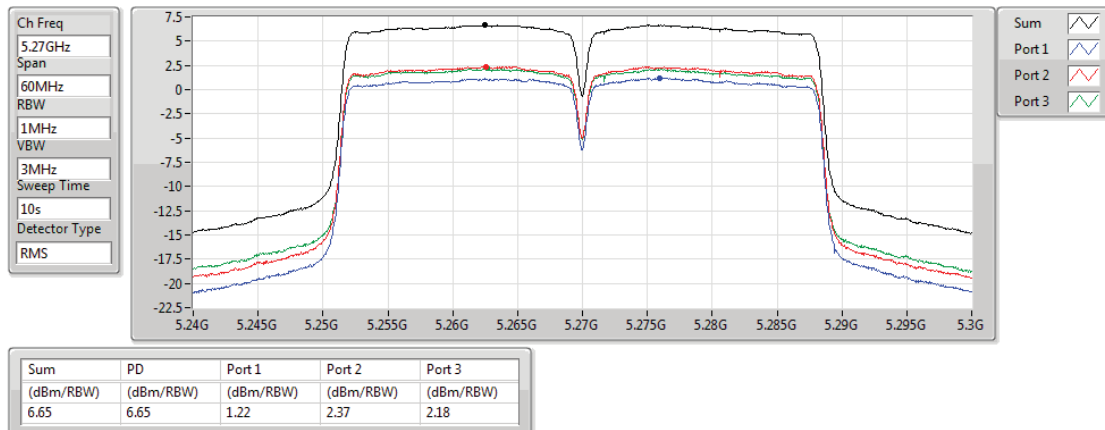
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

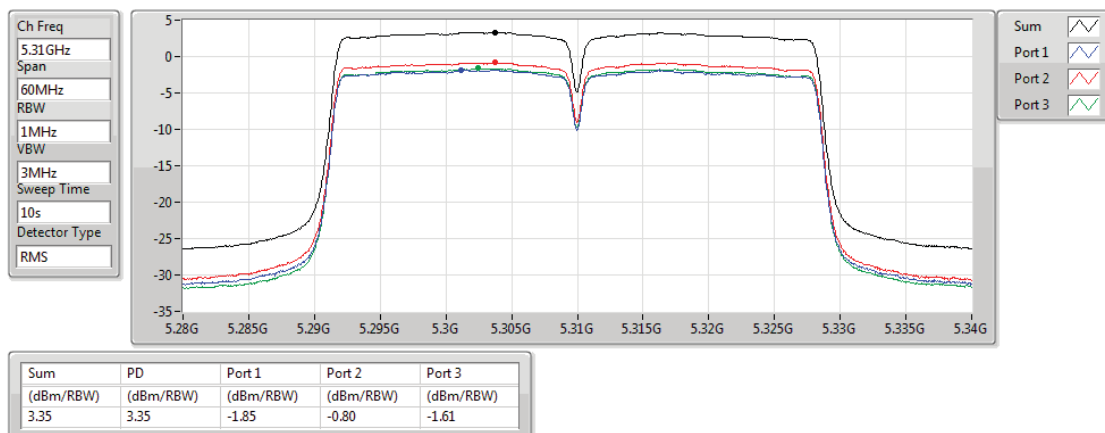
5270MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

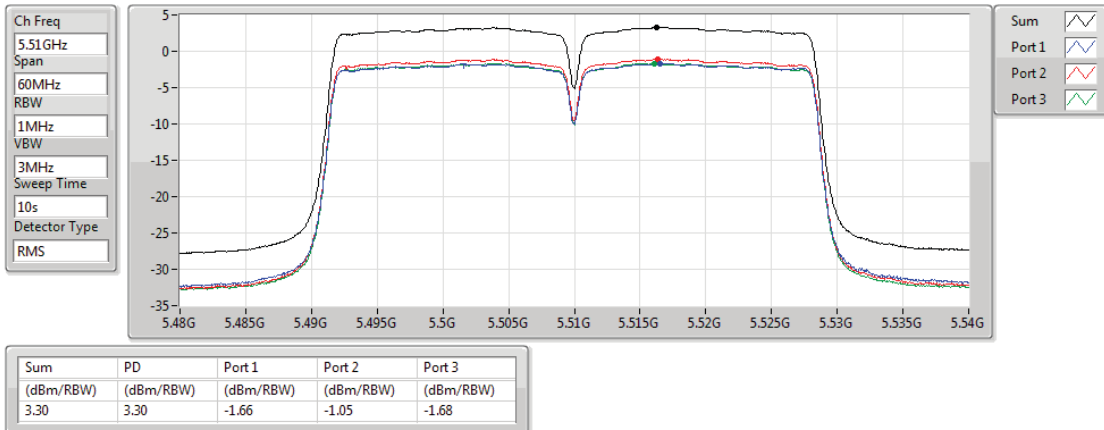
5310MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

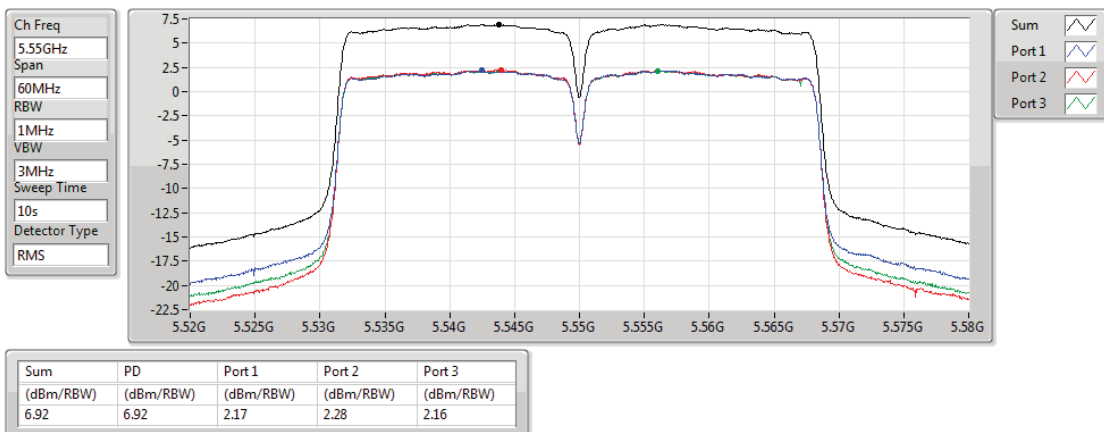
5510MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

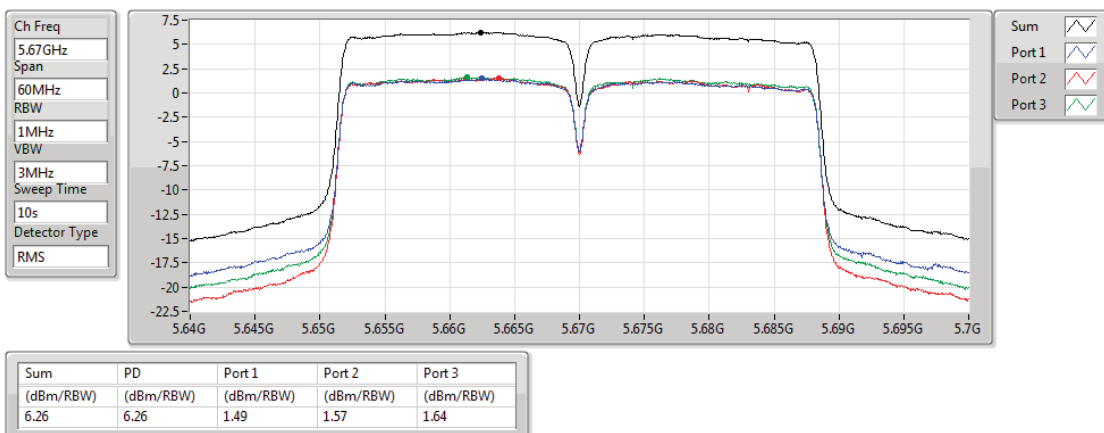
5550MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

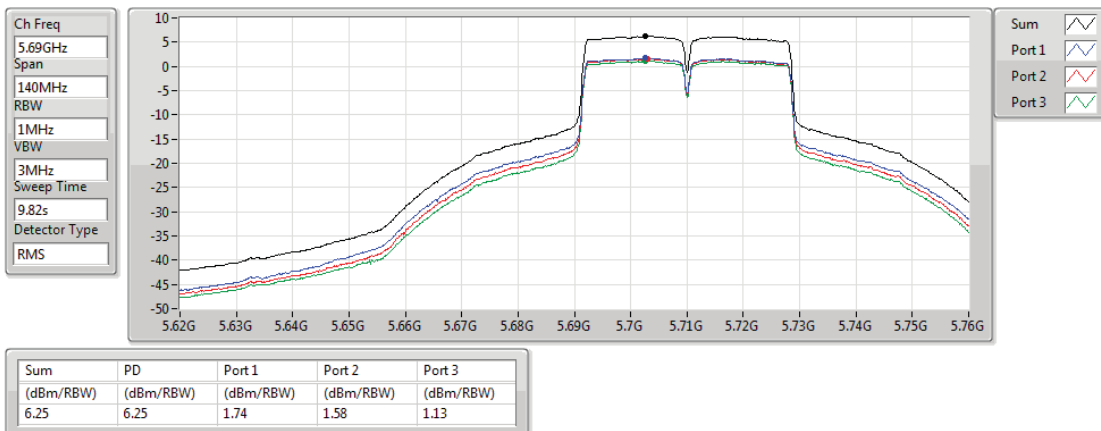
5670MHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

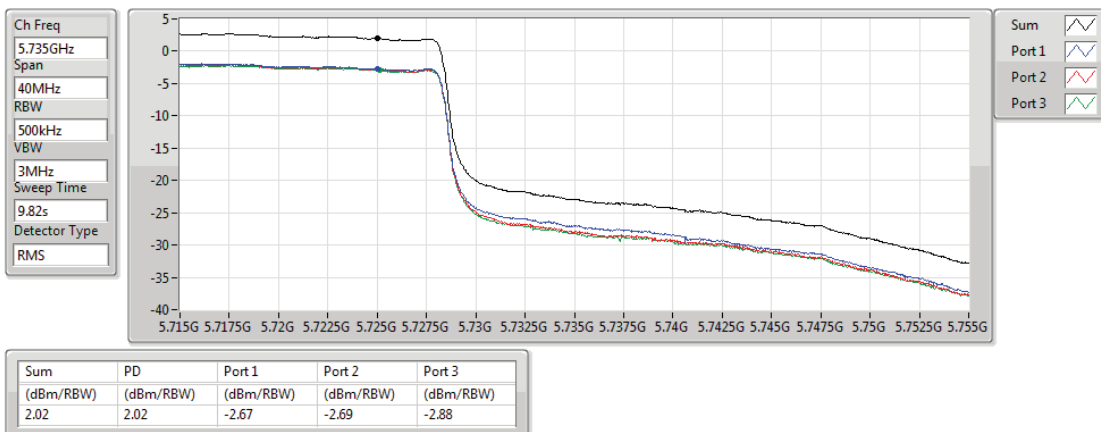
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40_Nss1,(MCS0)_3TX

PSD

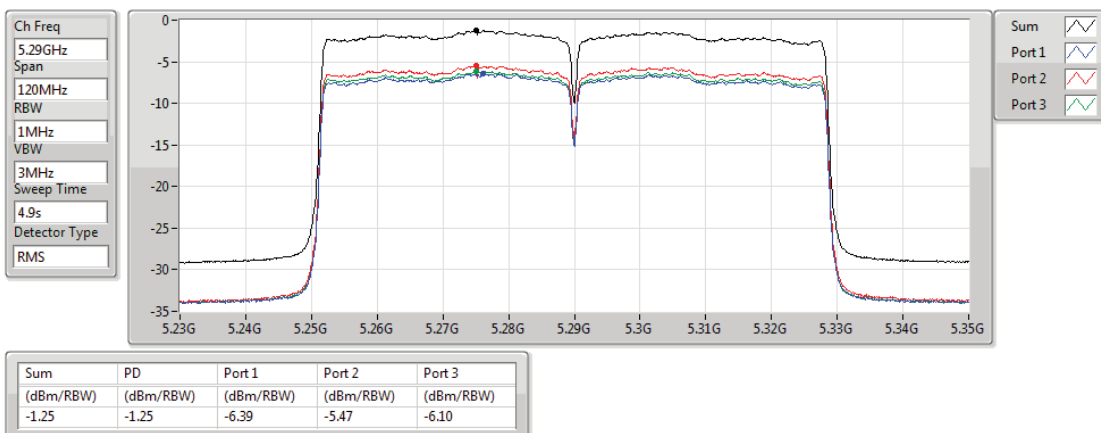
5710MHz Straddle 5.725-5.85GHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

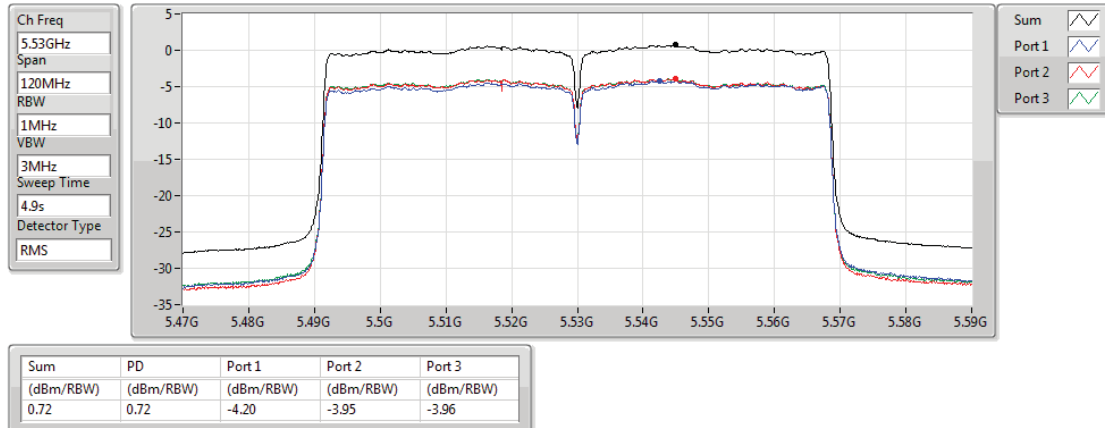
5290MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

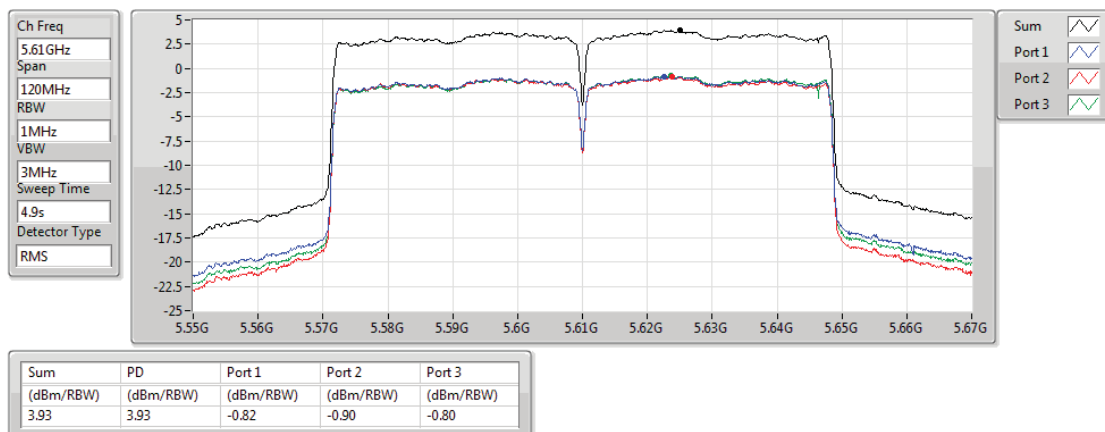
5530MHz



802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

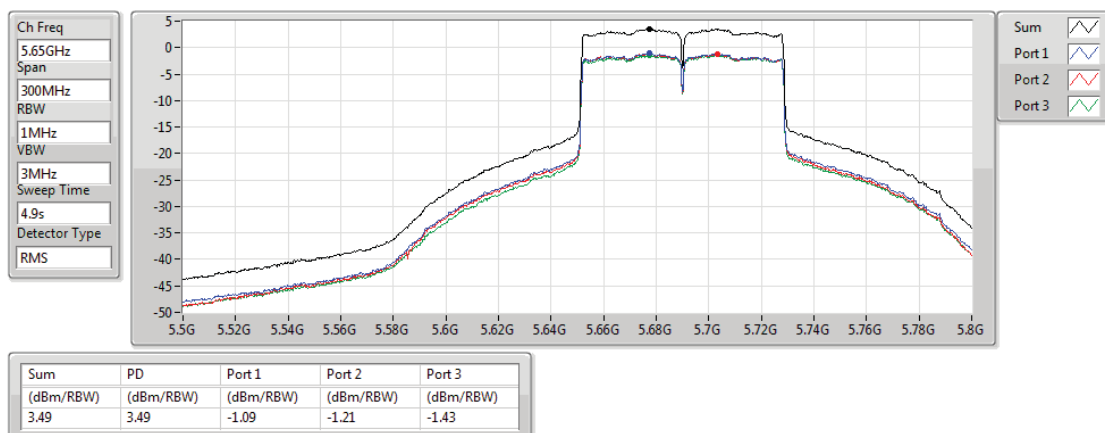
5610MHz

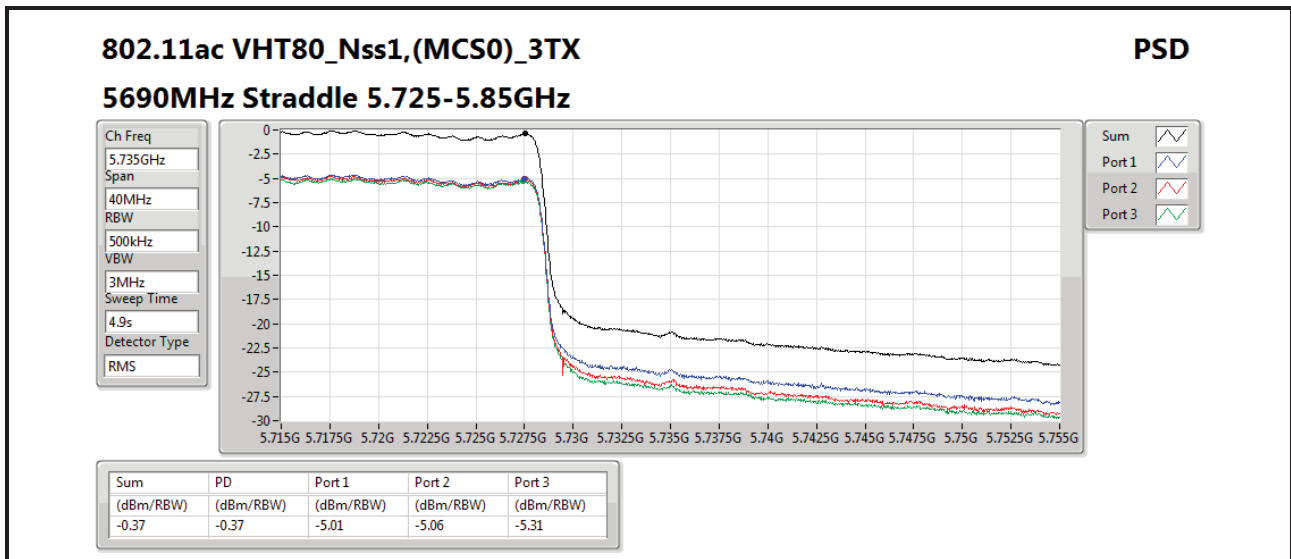


802.11ac VHT80_Nss1,(MCS0)_3TX

PSD

5690MHz Straddle 5.47-5.725GHz





**Summary**

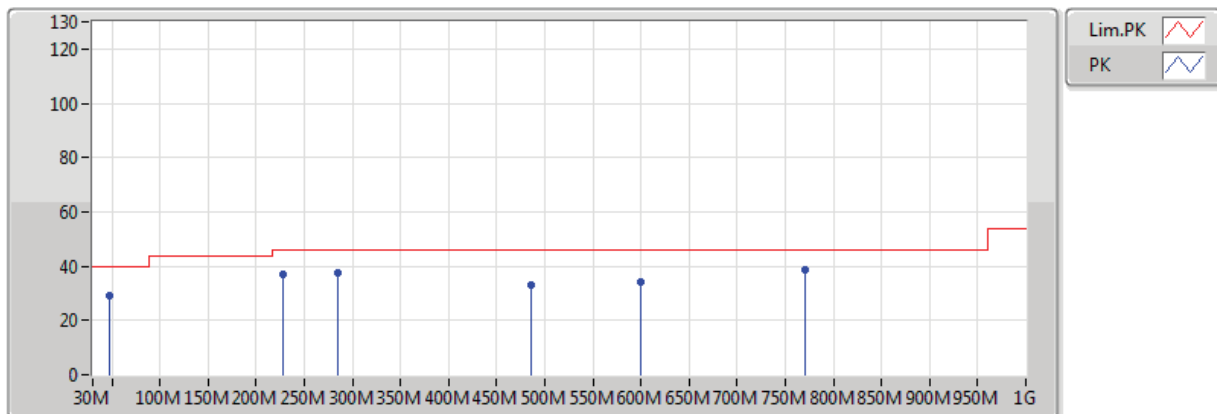
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.47-5.725GHz	Pass	PK	800.18M	40.52	46.00	-5.48	-5.64	3	H	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	59.1M	25.53	40.00	-14.47	-24.93	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	101.78M	31.56	43.50	-11.94	-20.12	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	297.72M	32.33	46.00	-13.67	-15.42	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	600.36M	33.18	46.00	-12.82	-8.62	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	800.18M	40.52	46.00	-5.48	-5.64	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	QP	771.08M	39.76	46.00	-6.24	-5.88	3	H	344	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	47.46M	29.36	40.00	-10.64	-21.52	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	227.88M	36.86	46.00	-9.14	-19.02	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	284.14M	37.73	46.00	-8.27	-15.84	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	485.9M	33.15	46.00	-12.85	-10.40	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	600.36M	34.06	46.00	-11.94	-8.62	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	QP	771.08M	38.75	46.00	-7.25	-5.88	3	V	5	1.67	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_PoE

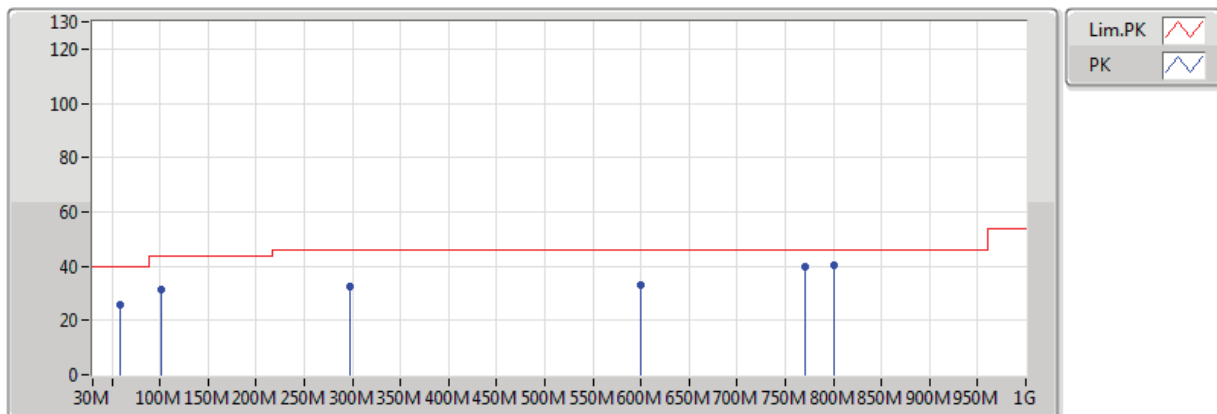


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	47.46M	29.36	40.00	-10.64	-21.52	3	V	0	1.00	-
PK	227.88M	36.86	46.00	-9.14	-19.02	3	V	0	1.00	-
PK	284.14M	37.73	46.00	-8.27	-15.84	3	V	0	1.00	-
PK	485.9M	33.15	46.00	-12.85	-10.40	3	V	0	1.00	-
PK	600.36M	34.06	46.00	-11.94	-8.62	3	V	0	1.00	-
QP	771.08M	38.75	46.00	-7.25	-5.88	3	V	5	1.67	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_PoE



EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	59.1M	25.53	40.00	-14.47	-24.93	3	H	360	1.00	-
PK	101.78M	31.56	43.50	-11.94	-20.12	3	H	360	1.00	-
PK	297.72M	32.33	46.00	-13.67	-15.42	3	H	360	1.00	-
PK	600.36M	33.18	46.00	-12.82	-8.62	3	H	360	1.00	-
PK	800.18M	40.52	46.00	-5.48	-5.64	3	H	360	1.00	-
QP	771.08M	39.76	46.00	-6.24	-5.88	3	H	344	1.01	-

**Summary**

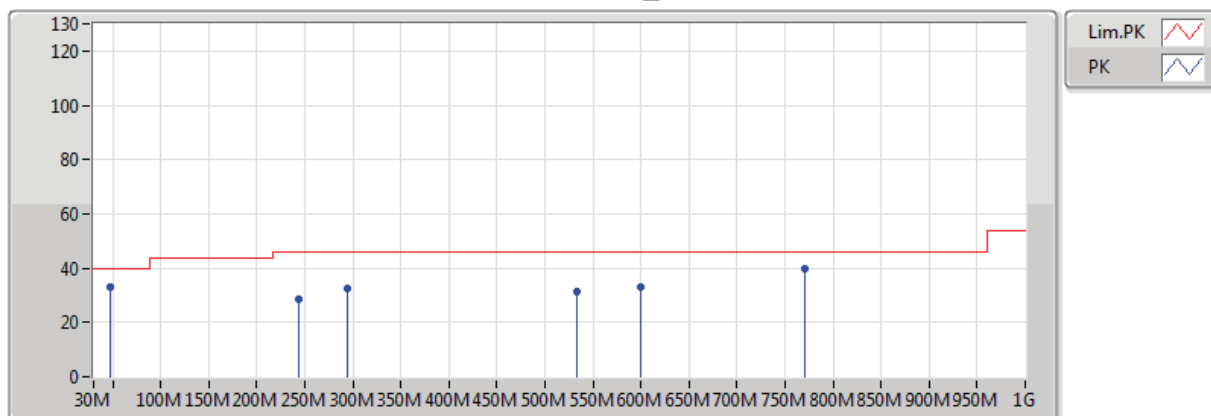
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.47-5.725GHz	Pass	QP	771.08M	40.50	46.00	-5.50	-5.88	3	H	47	1.01	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	61.04M	30.51	40.00	-9.49	-24.97	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	270.56M	37.12	46.00	-8.88	-15.48	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	293.84M	34.12	46.00	-11.88	-15.53	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	800.18M	38.84	46.00	-7.16	-5.64	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	899.12M	36.43	46.00	-9.57	-4.71	3	H	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	QP	771.08M	40.50	46.00	-5.50	-5.88	3	H	47	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	47.46M	33.01	40.00	-6.99	-21.52	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	243.4M	28.76	46.00	-17.24	-17.30	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	293.84M	32.77	46.00	-13.23	-15.53	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	532.46M	31.61	46.00	-14.39	-9.81	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	600.36M	33.13	46.00	-12.87	-8.62	3	V	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	QP	771.08M	39.71	46.00	-6.29	-5.88	3	V	359	1.14	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_PoE

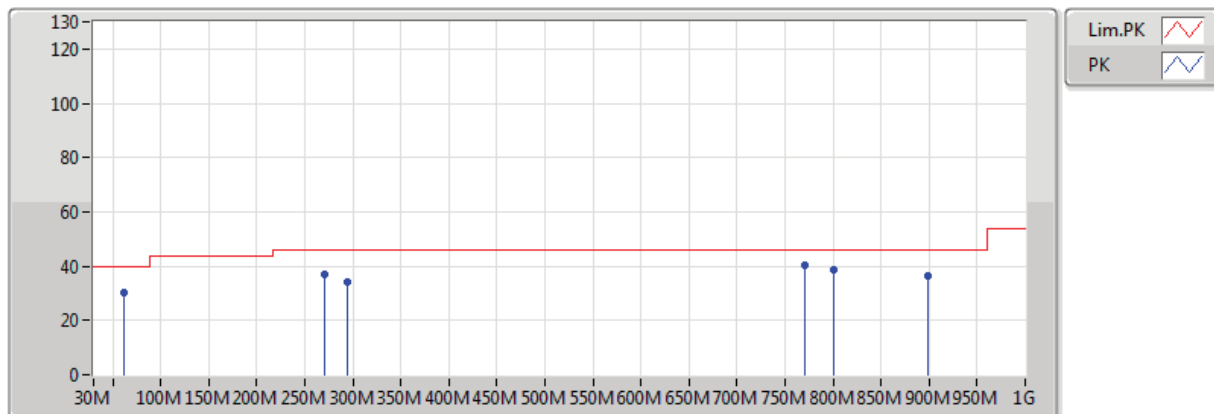


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	47.46M	33.01	40.00	-6.99	-21.52	3	V	0	1.00	-
PK	243.4M	28.76	46.00	-17.24	-17.30	3	V	0	1.00	-
PK	293.84M	32.77	46.00	-13.23	-15.53	3	V	0	1.00	-
PK	532.46M	31.61	46.00	-14.39	-9.81	3	V	0	1.00	-
PK	600.36M	33.13	46.00	-12.87	-8.62	3	V	0	1.00	-
QP	771.08M	39.71	46.00	-6.29	-5.88	3	V	359	1.14	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_PoE



EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	61.04M	30.51	40.00	-9.49	-24.97	3	H	360	1.00	-
PK	270.56M	37.12	46.00	-8.88	-15.48	3	H	360	1.00	-
PK	293.84M	34.12	46.00	-11.88	-15.53	3	H	360	1.00	-
PK	800.18M	38.84	46.00	-7.16	-5.64	3	H	360	1.00	-
PK	899.12M	36.43	46.00	-9.57	-4.71	3	H	360	1.00	-
QP	771.08M	40.50	46.00	-5.50	-5.88	3	H	47	1.01	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.25-5.35GHz	Pass	AV	5.354G	53.90	54.00	-0.10	3.11	3	V	153	2.24	-
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.47-5.725GHz	Pass	PK	5.468G	68.09	68.20	-0.11	3.23	3	V	188	2.67	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1334G	46.06	54.00	-7.94	2.88	3	H	207	2.73	-
5260MHz	Pass	AV	5.2564G	97.04	Inf	-Inf	3.01	3	H	207	2.73	-
5260MHz	Pass	AV	5.3986G	45.47	54.00	-8.53	3.16	3	H	207	2.73	-
5260MHz	Pass	PK	5.149995G	57.02	74.00	-16.98	2.90	3	H	207	2.73	-
5260MHz	Pass	PK	5.2564G	105.11	Inf	-Inf	3.01	3	H	207	2.73	-
5260MHz	Pass	PK	5.3632G	56.89	74.00	-17.11	3.12	3	H	207	2.73	-
5260MHz	Pass	AV	5.1388G	47.19	54.00	-6.81	2.89	3	V	269	3.16	-
5260MHz	Pass	AV	5.2588G	105.40	Inf	-Inf	3.01	3	V	269	3.16	-
5260MHz	Pass	AV	5.350005G	46.88	54.00	-7.12	3.11	3	V	269	3.16	-
5260MHz	Pass	PK	5.1436G	57.01	74.00	-16.99	2.89	3	V	269	3.16	-
5260MHz	Pass	PK	5.2588G	113.61	Inf	-Inf	3.01	3	V	269	3.16	-
5260MHz	Pass	PK	5.3656G	57.67	74.00	-16.33	3.13	3	V	269	3.16	-
5260MHz	Pass	AV	10.52G	52.76	54.00	-1.24	13.20	3	H	333	3.48	-
5260MHz	Pass	PK	10.52G	64.71	74.00	-9.29	13.20	3	H	333	3.48	-
5260MHz	Pass	AV	10.52G	52.16	54.00	-1.84	13.20	3	V	169	2.05	-
5260MHz	Pass	PK	10.52G	63.05	74.00	-10.95	13.20	3	V	169	2.05	-
5300MHz	Pass	AV	5.298G	94.56	Inf	-Inf	3.06	3	H	12	1.99	-
5300MHz	Pass	AV	5.3776G	47.42	54.00	-6.58	3.14	3	H	12	1.99	-
5300MHz	Pass	PK	5.298G	102.46	Inf	-Inf	3.06	3	H	12	1.99	-
5300MHz	Pass	PK	5.378G	57.86	74.00	-16.14	3.14	3	H	12	1.99	-
5300MHz	Pass	AV	5.2984G	101.88	Inf	-Inf	3.06	3	V	270	1.98	-
5300MHz	Pass	AV	5.3784G	53.23	54.00	-0.77	3.14	3	V	270	1.98	-
5300MHz	Pass	PK	5.298G	109.66	Inf	-Inf	3.06	3	V	270	1.98	-
5300MHz	Pass	PK	5.378G	62.52	74.00	-11.48	3.14	3	V	270	1.98	-
5300MHz	Pass	AV	10.6G	49.37	54.00	-4.63	13.41	3	H	174	3.66	-
5300MHz	Pass	PK	10.6G	60.76	74.00	-13.24	13.41	3	H	174	3.66	-
5300MHz	Pass	AV	10.6G	51.06	54.00	-2.94	13.41	3	V	167	3.64	-
5300MHz	Pass	PK	10.6G	63.25	74.00	-10.75	13.41	3	V	167	3.64	-
5320MHz	Pass	AV	5.3236G	94.35	Inf	-Inf	3.08	3	H	198	1.04	-
5320MHz	Pass	AV	5.353G	46.86	54.00	-7.14	3.11	3	H	198	1.04	-
5320MHz	Pass	PK	5.3236G	102.12	Inf	-Inf	3.08	3	H	198	1.04	-
5320MHz	Pass	PK	5.352G	60.95	74.00	-13.05	3.11	3	H	198	1.04	-
5320MHz	Pass	AV	5.3182G	101.26	Inf	-Inf	3.08	3	V	270	1.99	-
5320MHz	Pass	AV	5.350005G	52.57	54.00	-1.43	3.11	3	V	270	1.99	-
5320MHz	Pass	PK	5.3182G	109.02	Inf	-Inf	3.08	3	V	270	1.99	-
5320MHz	Pass	PK	5.352G	66.03	74.00	-7.97	3.11	3	V	270	1.99	-
5320MHz	Pass	AV	10.64G	47.22	54.00	-6.78	13.52	3	H	174	3.64	-
5320MHz	Pass	PK	10.64G	59.75	74.00	-14.25	13.52	3	H	174	3.64	-
5320MHz	Pass	AV	10.64G	49.38	54.00	-4.62	13.52	3	V	167	3.69	-
5320MHz	Pass	PK	10.64G	62.99	74.00	-11.01	13.52	3	V	167	3.69	-
5500MHz	Pass	AV	5.457G	46.02	54.00	-7.98	3.22	3	H	33	1.99	-
5500MHz	Pass	AV	5.4974G	95.30	Inf	-Inf	3.27	3	H	33	1.99	-
5500MHz	Pass	PK	5.4558G	57.70	74.00	-16.30	3.22	3	H	33	1.99	-
5500MHz	Pass	PK	5.4692G	60.73	68.20	-7.47	3.24	3	H	33	1.99	-
5500MHz	Pass	PK	5.4972G	103.12	Inf	-Inf	3.27	3	H	33	1.99	-
5500MHz	Pass	AV	5.4594G	46.54	54.00	-7.46	3.23	3	V	182	1.98	-
5500MHz	Pass	AV	5.504G	100.24	Inf	-Inf	3.27	3	V	182	1.98	-



RSE TX above 1GHz Result_BCM43460

Appendix E

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.4562G	57.73	74.00	-16.27	3.22	3	V	182	1.98	-
5500MHz	Pass	PK	5.4698G	66.68	68.20	-1.52	3.24	3	V	182	1.98	-
5500MHz	Pass	PK	5.5036G	107.94	Inf	-Inf	3.27	3	V	182	1.98	-
5500MHz	Pass	AV	11G	45.85	54.00	-8.15	14.46	3	H	182	2.18	-
5500MHz	Pass	PK	11G	57.40	74.00	-16.60	14.46	3	H	182	2.18	-
5500MHz	Pass	AV	11G	48.35	54.00	-5.65	14.46	3	V	182	1.04	-
5500MHz	Pass	PK	11G	60.25	74.00	-13.75	14.46	3	V	182	1.04	-
5580MHz	Pass	AV	5.4558G	45.82	54.00	-8.18	3.22	3	H	33	1.97	-
5580MHz	Pass	AV	5.5812G	96.99	Inf	-Inf	3.33	3	H	33	1.97	-
5580MHz	Pass	PK	5.4534G	57.14	74.00	-16.86	3.22	3	H	33	1.97	-
5580MHz	Pass	PK	5.4612G	56.25	68.20	-11.95	3.23	3	H	33	1.97	-
5580MHz	Pass	PK	5.5812G	104.88	Inf	-Inf	3.33	3	H	33	1.97	-
5580MHz	Pass	AV	5.4582G	45.96	54.00	-8.04	3.22	3	V	165	1.98	-
5580MHz	Pass	AV	5.5872G	103.02	Inf	-Inf	3.34	3	V	165	1.98	-
5580MHz	Pass	PK	5.4462G	57.24	74.00	-16.76	3.21	3	V	165	1.98	-
5580MHz	Pass	PK	5.4648G	57.28	68.20	-10.92	3.23	3	V	165	1.98	-
5580MHz	Pass	PK	5.577G	111.37	Inf	-Inf	3.33	3	V	165	1.98	-
5580MHz	Pass	AV	11.16G	48.75	54.00	-5.25	14.19	3	H	0	3.69	-
5580MHz	Pass	PK	11.16G	59.96	74.00	-14.04	14.19	3	H	0	3.69	-
5580MHz	Pass	AV	11.16G	48.97	54.00	-5.03	14.19	3	V	207	2.06	-
5580MHz	Pass	PK	11.16G	60.00	74.00	-14.00	14.19	3	V	207	2.06	-
5700MHz	Pass	AV	5.6936G	92.21	Inf	-Inf	3.43	3	H	189	1.99	-
5700MHz	Pass	PK	5.7032G	99.99	Inf	-Inf	3.44	3	H	189	1.99	-
5700MHz	Pass	PK	5.7256G	60.90	68.20	-7.30	3.46	3	H	189	1.99	-
5700MHz	Pass	AV	5.6968G	99.51	Inf	-Inf	3.44	3	V	166	1.98	-
5700MHz	Pass	PK	5.696G	107.30	Inf	-Inf	3.44	3	V	166	1.98	-
5700MHz	Pass	PK	5.7256G	67.62	68.20	-0.58	3.46	3	V	166	1.98	-
5700MHz	Pass	AV	11.4G	44.16	54.00	-9.84	13.78	3	H	338	1.29	-
5700MHz	Pass	PK	11.4G	56.14	74.00	-17.86	13.78	3	H	338	1.29	-
5700MHz	Pass	AV	11.4G	44.33	54.00	-9.67	13.78	3	V	28	2.05	-
5700MHz	Pass	PK	11.4G	55.85	74.00	-18.15	13.78	3	V	28	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	45.70	54.00	-8.30	3.22	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	94.00	Inf	-Inf	3.45	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.432G	57.14	74.00	-16.86	3.20	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.37	68.20	-11.83	3.23	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.724G	102.96	Inf	-Inf	3.46	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.94G	57.88	68.20	-10.32	3.63	3	H	184	1.93	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.452G	45.85	54.00	-8.15	3.22	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.716G	101.75	Inf	-Inf	3.45	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.45G	56.50	74.00	-17.50	3.22	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	56.17	68.20	-12.03	3.23	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.716G	110.61	Inf	-Inf	3.45	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.962G	57.10	68.20	-11.10	3.65	3	V	165	1.95	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	46.90	54.00	-7.10	13.71	3	H	321	3.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44G	58.02	74.00	-15.98	13.71	3	H	321	3.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	48.99	54.00	-5.01	13.71	3	V	184	1.12	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44G	60.01	74.00	-13.99	13.71	3	V	184	1.12	-
802.11ac VHT20_Nss1(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1394G	46.38	54.00	-7.62	2.89	3	H	196	1.07	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.2582G	98.20	Inf	-Inf	3.01	3	H	196	1.07	-
5260MHz	Pass	AV	5.350005G	45.73	54.00	-8.27	3.11	3	H	196	1.07	-
5260MHz	Pass	PK	5.1388G	57.75	74.00	-16.25	2.89	3	H	196	1.07	-
5260MHz	Pass	PK	5.2582G	107.12	Inf	-Inf	3.01	3	H	196	1.07	-
5260MHz	Pass	PK	5.386G	56.91	74.00	-17.09	3.15	3	H	196	1.07	-
5260MHz	Pass	AV	5.1436G	46.40	54.00	-7.60	2.89	3	V	153	1.26	-
5260MHz	Pass	AV	5.2588G	101.37	Inf	-Inf	3.01	3	V	153	1.26	-
5260MHz	Pass	AV	5.350005G	46.51	54.00	-7.49	3.11	3	V	153	1.26	-
5260MHz	Pass	PK	5.1118G	58.45	74.00	-15.55	2.86	3	V	153	1.26	-
5260MHz	Pass	PK	5.2582G	110.49	Inf	-Inf	3.01	3	V	153	1.26	-
5260MHz	Pass	PK	5.3506G	59.15	74.00	-14.85	3.11	3	V	153	1.26	-
5260MHz	Pass	AV	10.52G	51.99	54.00	-2.01	13.20	3	H	181	1.02	-
5260MHz	Pass	PK	10.52G	63.73	74.00	-10.27	13.20	3	H	181	1.02	-
5260MHz	Pass	AV	10.52G	53.42	54.00	-0.58	13.20	3	V	163	2.18	-
5260MHz	Pass	PK	10.52G	65.11	74.00	-8.89	13.20	3	V	163	2.18	-
5300MHz	Pass	AV	5.2984G	97.30	Inf	-Inf	3.06	3	H	195	1.07	-
5300MHz	Pass	AV	5.3508G	51.88	54.00	-2.12	3.11	3	H	195	1.07	-
5300MHz	Pass	PK	5.3036G	106.30	Inf	-Inf	3.06	3	H	195	1.07	-
5300MHz	Pass	PK	5.3544G	67.32	74.00	-6.68	3.11	3	H	195	1.07	-
5300MHz	Pass	AV	5.2988G	101.11	Inf	-Inf	3.06	3	V	152	1.07	-
5300MHz	Pass	AV	5.350005G	53.72	54.00	-0.28	3.11	3	V	152	1.07	-
5300MHz	Pass	PK	5.2932G	109.88	Inf	-Inf	3.05	3	V	152	1.07	-
5300MHz	Pass	PK	5.3528G	71.14	74.00	-2.86	3.11	3	V	152	1.07	-
5300MHz	Pass	AV	10.6G	48.78	54.00	-5.22	13.41	3	H	181	3.69	-
5300MHz	Pass	PK	10.6G	60.37	74.00	-13.63	13.41	3	H	181	3.69	-
5300MHz	Pass	AV	10.6G	51.09	54.00	-2.91	13.41	3	V	161	3.63	-
5300MHz	Pass	PK	10.6G	62.90	74.00	-11.10	13.41	3	V	161	3.63	-
5320MHz	Pass	AV	5.3184G	90.88	Inf	-Inf	3.08	3	H	195	1.07	-
5320MHz	Pass	AV	5.3506G	47.99	54.00	-6.01	3.11	3	H	195	1.07	-
5320MHz	Pass	PK	5.3184G	99.78	Inf	-Inf	3.08	3	H	195	1.07	-
5320MHz	Pass	PK	5.3528G	64.54	74.00	-9.46	3.11	3	H	195	1.07	-
5320MHz	Pass	AV	5.3186G	98.94	Inf	-Inf	3.08	3	V	149	1.02	-
5320MHz	Pass	AV	5.350005G	51.50	54.00	-2.50	3.11	3	V	149	1.02	-
5320MHz	Pass	PK	5.3184G	106.79	Inf	-Inf	3.08	3	V	149	1.02	-
5320MHz	Pass	PK	5.3534G	69.48	74.00	-4.52	3.11	3	V	149	1.02	-
5320MHz	Pass	AV	10.64G	45.28	54.00	-8.72	13.52	3	H	360	1.50	-
5320MHz	Pass	PK	10.64G	56.82	74.00	-17.18	13.52	3	H	360	1.50	-
5320MHz	Pass	AV	10.64G	47.60	54.00	-6.40	13.52	3	V	168	1.19	-
5320MHz	Pass	PK	10.64G	60.28	74.00	-13.72	13.52	3	V	168	1.19	-
5500MHz	Pass	AV	5.4188G	49.95	54.00	-4.05	3.18	3	H	191	3.63	-
5500MHz	Pass	AV	5.4992G	96.72	Inf	-Inf	3.27	3	H	191	3.63	-
5500MHz	Pass	PK	5.4184G	60.27	74.00	-13.73	3.18	3	H	191	3.63	-
5500MHz	Pass	PK	5.4692G	63.09	68.20	-5.11	3.24	3	H	191	3.63	-
5500MHz	Pass	PK	5.4988G	104.46	Inf	-Inf	3.27	3	H	191	3.63	-
5500MHz	Pass	AV	5.4184G	52.40	54.00	-1.60	3.18	3	V	188	2.67	-
5500MHz	Pass	AV	5.4988G	100.60	Inf	-Inf	3.27	3	V	188	2.67	-
5500MHz	Pass	PK	5.4184G	62.18	74.00	-11.82	3.18	3	V	188	2.67	-
5500MHz	Pass	PK	5.468G	68.09	68.20	-0.11	3.23	3	V	188	2.67	-
5500MHz	Pass	PK	5.4984G	108.70	Inf	-Inf	3.27	3	V	188	2.67	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	AV	11G	45.35	54.00	-8.65	14.46	3	H	0	1.50	-
5500MHz	Pass	PK	11G	57.52	74.00	-16.48	14.46	3	H	0	1.50	-
5500MHz	Pass	AV	11G	45.72	54.00	-8.28	14.46	3	V	360	1.50	-
5500MHz	Pass	PK	11G	57.19	74.00	-16.81	14.46	3	V	360	1.50	-
5580MHz	Pass	AV	5.4594G	46.03	54.00	-7.97	3.23	3	H	188	3.69	-
5580MHz	Pass	AV	5.5794G	98.29	Inf	-Inf	3.33	3	H	188	3.69	-
5580MHz	Pass	PK	5.4312G	56.99	74.00	-17.01	3.19	3	H	188	3.69	-
5580MHz	Pass	PK	5.4696G	56.76	68.20	-11.44	3.24	3	H	188	3.69	-
5580MHz	Pass	PK	5.5788G	106.77	Inf	-Inf	3.33	3	H	188	3.69	-
5580MHz	Pass	PK	5.7276G	57.08	68.20	-11.12	3.46	3	H	188	3.69	-
5580MHz	Pass	AV	5.4564G	46.10	54.00	-7.90	3.22	3	V	171	2.88	-
5580MHz	Pass	AV	5.5812G	104.28	Inf	-Inf	3.33	3	V	171	2.88	-
5580MHz	Pass	PK	5.4474G	57.50	74.00	-16.50	3.21	3	V	171	2.88	-
5580MHz	Pass	PK	5.4684G	57.17	68.20	-11.03	3.24	3	V	171	2.88	-
5580MHz	Pass	PK	5.5812G	113.04	Inf	-Inf	3.33	3	V	171	2.88	-
5580MHz	Pass	PK	5.7264G	57.10	68.20	-11.10	3.46	3	V	171	2.88	-
5580MHz	Pass	AV	11.16G	48.18	54.00	-5.82	14.19	3	H	153	3.62	-
5580MHz	Pass	PK	11.16G	60.13	74.00	-13.87	14.19	3	H	153	3.62	-
5580MHz	Pass	AV	11.16G	49.29	54.00	-4.71	14.19	3	V	207	1.01	-
5580MHz	Pass	PK	11.16G	61.27	74.00	-12.73	14.19	3	V	207	1.01	-
5700MHz	Pass	AV	5.6992G	92.78	Inf	-Inf	3.44	3	H	191	3.55	-
5700MHz	Pass	PK	5.6992G	100.21	Inf	-Inf	3.44	3	H	191	3.55	-
5700MHz	Pass	PK	5.7296G	59.60	68.20	-8.60	3.46	3	H	191	3.55	-
5700MHz	Pass	AV	5.7008G	99.68	Inf	-Inf	3.44	3	V	171	3.22	-
5700MHz	Pass	PK	5.7008G	107.13	Inf	-Inf	3.44	3	V	171	3.22	-
5700MHz	Pass	PK	5.7256G	67.27	68.20	-0.93	3.46	3	V	171	3.22	-
5700MHz	Pass	AV	11.4G	43.95	54.00	-10.05	13.78	3	H	360	1.50	-
5700MHz	Pass	PK	11.4G	55.94	74.00	-18.06	13.78	3	H	360	1.50	-
5700MHz	Pass	AV	11.4G	44.21	54.00	-9.79	13.78	3	V	0	1.50	-
5700MHz	Pass	PK	11.4G	55.80	74.00	-18.20	13.78	3	V	0	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	45.84	54.00	-8.16	3.22	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	96.43	Inf	-Inf	3.45	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.438G	56.92	74.00	-17.08	3.20	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.69	68.20	-11.51	3.23	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	105.38	Inf	-Inf	3.45	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9756G	57.76	68.20	-10.44	3.66	3	H	190	3.69	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.459995G	45.71	54.00	-8.29	3.23	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	103.62	Inf	-Inf	3.45	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4344G	56.96	74.00	-17.04	3.20	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	56.30	68.20	-11.90	3.23	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	112.26	Inf	-Inf	3.45	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9648G	57.11	68.20	-11.09	3.65	3	V	171	3.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	44.91	54.00	-9.09	13.71	3	H	0	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44G	56.43	74.00	-17.57	13.71	3	H	0	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44G	47.88	54.00	-6.12	13.71	3	V	30	2.11	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44G	59.02	74.00	-14.98	13.71	3	V	30	2.11	-
802.11ac VHT40_Nss1(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.1458G	46.24	54.00	-7.76	2.90	3	H	215	2.69	-
5270MHz	Pass	AV	5.2664G	93.09	Inf	-Inf	3.02	3	H	215	2.69	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.351G	48.88	54.00	-5.12	3.11	3	H	215	2.69	-
5270MHz	Pass	PK	5.1326G	57.68	74.00	-16.32	2.88	3	H	215	2.69	-
5270MHz	Pass	PK	5.2664G	101.19	Inf	-Inf	3.02	3	H	215	2.69	-
5270MHz	Pass	PK	5.3504G	60.80	74.00	-13.20	3.11	3	H	215	2.69	-
5270MHz	Pass	AV	5.149995G	46.58	54.00	-7.42	2.90	3	V	159	2.40	-
5270MHz	Pass	AV	5.2736G	96.61	Inf	-Inf	3.03	3	V	159	2.40	-
5270MHz	Pass	AV	5.350005G	52.78	54.00	-1.22	3.11	3	V	159	2.40	-
5270MHz	Pass	PK	5.1452G	57.72	74.00	-16.28	2.90	3	V	159	2.40	-
5270MHz	Pass	PK	5.2682G	105.11	Inf	-Inf	3.03	3	V	159	2.40	-
5270MHz	Pass	PK	5.3534G	65.11	74.00	-8.89	3.11	3	V	159	2.40	-
5270MHz	Pass	AV	10.54G	47.32	54.00	-6.68	13.25	3	H	68	1.50	-
5270MHz	Pass	PK	10.54G	63.97	74.00	-10.03	13.25	3	H	68	1.50	-
5270MHz	Pass	AV	10.54G	51.95	54.00	-2.05	13.25	3	V	252	3.07	-
5270MHz	Pass	PK	10.54G	64.53	74.00	-9.47	13.25	3	V	252	3.07	-
5310MHz	Pass	AV	5.313G	87.31	Inf	-Inf	3.07	3	H	206	1.03	-
5310MHz	Pass	AV	5.3532G	48.83	54.00	-5.17	3.11	3	H	206	1.03	-
5310MHz	Pass	PK	5.304G	95.31	Inf	-Inf	3.06	3	H	206	1.03	-
5310MHz	Pass	PK	5.3532G	62.04	74.00	-11.96	3.11	3	H	206	1.03	-
5310MHz	Pass	AV	5.3136G	92.39	Inf	-Inf	3.07	3	V	159	2.20	-
5310MHz	Pass	AV	5.3532G	53.06	54.00	-0.94	3.11	3	V	159	2.20	-
5310MHz	Pass	PK	5.313G	100.55	Inf	-Inf	3.07	3	V	159	2.20	-
5310MHz	Pass	PK	5.3502G	67.96	74.00	-6.04	3.11	3	V	159	2.20	-
5310MHz	Pass	AV	10.62G	44.91	54.00	-9.09	13.46	3	H	0	1.50	-
5310MHz	Pass	PK	10.62G	56.89	74.00	-17.11	13.46	3	H	0	1.50	-
5310MHz	Pass	AV	10.62G	45.20	54.00	-8.80	13.46	3	V	360	1.50	-
5310MHz	Pass	PK	10.62G	56.41	74.00	-17.59	13.46	3	V	360	1.50	-
5510MHz	Pass	AV	5.4336G	46.63	54.00	-7.37	3.20	3	H	190	3.64	-
5510MHz	Pass	AV	5.5144G	89.52	Inf	-Inf	3.28	3	H	190	3.64	-
5510MHz	Pass	PK	5.4508G	57.34	74.00	-16.66	3.22	3	H	190	3.64	-
5510MHz	Pass	PK	5.4688G	64.57	68.20	-3.63	3.24	3	H	190	3.64	-
5510MHz	Pass	PK	5.5044G	97.47	Inf	-Inf	3.27	3	H	190	3.64	-
5510MHz	Pass	AV	5.434G	47.80	54.00	-6.20	3.20	3	V	190	2.46	-
5510MHz	Pass	AV	5.5136G	93.44	Inf	-Inf	3.28	3	V	190	2.46	-
5510MHz	Pass	PK	5.4588G	60.16	74.00	-13.84	3.22	3	V	190	2.46	-
5510MHz	Pass	PK	5.468G	67.85	68.20	-0.35	3.23	3	V	190	2.46	-
5510MHz	Pass	PK	5.5136G	101.38	Inf	-Inf	3.28	3	V	190	2.46	-
5510MHz	Pass	AV	11.02G	46.07	54.00	-7.93	14.43	3	H	360	1.50	-
5510MHz	Pass	PK	11.02G	56.81	74.00	-17.19	14.43	3	H	360	1.50	-
5510MHz	Pass	AV	11.02G	46.04	54.00	-7.96	14.43	3	V	0	1.50	-
5510MHz	Pass	PK	11.02G	57.22	74.00	-16.78	14.43	3	V	0	1.50	-
5550MHz	Pass	AV	5.4588G	47.79	54.00	-6.21	3.22	3	H	211	2.50	-
5550MHz	Pass	AV	5.5448G	92.28	Inf	-Inf	3.31	3	H	211	2.50	-
5550MHz	Pass	PK	5.4576G	59.29	74.00	-14.71	3.22	3	H	211	2.50	-
5550MHz	Pass	PK	5.4672G	62.33	68.20	-5.87	3.23	3	H	211	2.50	-
5550MHz	Pass	PK	5.5448G	100.26	Inf	-Inf	3.31	3	H	211	2.50	-
5550MHz	Pass	AV	5.4584G	52.65	54.00	-1.35	3.22	3	V	186	2.61	-
5550MHz	Pass	AV	5.5536G	99.21	Inf	-Inf	3.31	3	V	186	2.61	-
5550MHz	Pass	PK	5.4588G	66.28	74.00	-7.72	3.22	3	V	186	2.61	-
5550MHz	Pass	PK	5.468G	67.59	68.20	-0.61	3.23	3	V	186	2.61	-



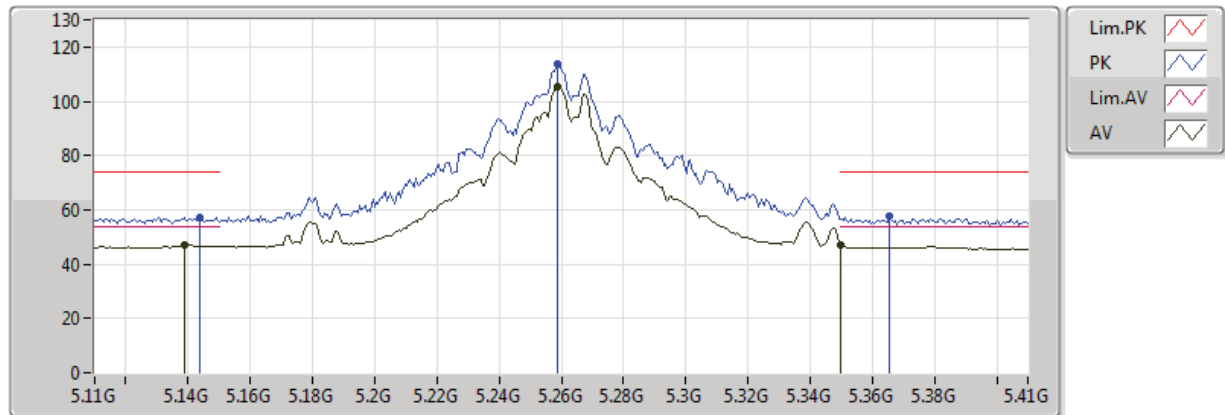
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	PK	5.5536G	107.60	Inf	-Inf	3.31	3	V	186	2.61	-
5550MHz	Pass	AV	11.1G	47.84	54.00	-6.16	14.29	3	V	80	1.74	-
5550MHz	Pass	AV	11.1G	47.43	54.00	-6.57	14.29	3	V	0	1.50	-
5550MHz	Pass	PK	11.1G	58.98	74.00	-15.02	14.29	3	V	80	1.74	-
5550MHz	Pass	PK	11.1G	57.91	74.00	-16.09	14.29	3	V	0	1.50	-
5670MHz	Pass	AV	5.6732G	90.44	Inf	-Inf	3.42	3	H	191	3.58	-
5670MHz	Pass	PK	5.678G	98.66	Inf	-Inf	3.42	3	H	191	3.58	-
5670MHz	Pass	PK	5.7268G	59.78	68.20	-8.42	3.46	3	H	191	3.58	-
5670MHz	Pass	AV	5.666G	98.02	Inf	-Inf	3.41	3	V	168	2.67	-
5670MHz	Pass	PK	5.666G	105.90	Inf	-Inf	3.41	3	V	168	2.67	-
5670MHz	Pass	PK	5.7252G	67.88	68.20	-0.32	3.46	3	V	168	2.67	-
5670MHz	Pass	AV	11.34G	46.71	54.00	-7.29	13.88	3	H	360	1.50	-
5670MHz	Pass	PK	11.34G	57.64	74.00	-16.36	13.88	3	H	360	1.50	-
5670MHz	Pass	AV	11.34G	46.11	54.00	-7.89	13.88	3	V	41	1.07	-
5670MHz	Pass	PK	11.34G	57.48	74.00	-17.92	13.88	3	V	41	1.07	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4592G	45.97	54.00	-8.03	3.23	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.704G	93.06	Inf	-Inf	3.44	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4376G	56.61	74.00	-17.39	3.20	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	56.85	68.20	-11.35	3.24	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.704G	102.33	Inf	-Inf	3.44	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9512G	57.52	68.20	-10.68	3.64	3	H	187	3.54	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4568G	45.82	54.00	-8.18	3.22	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	100.34	Inf	-Inf	3.44	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.452G	56.86	74.00	-17.14	3.22	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	57.03	68.20	-11.17	3.23	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7064G	109.17	Inf	-Inf	3.44	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9572G	58.40	68.20	-9.80	3.65	3	V	167	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42G	46.60	54.00	-7.40	13.75	3	H	254	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42G	57.54	74.00	-16.46	13.75	3	H	254	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42G	48.88	54.00	-5.12	13.75	3	V	228	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42G	58.40	74.00	-15.60	13.75	3	V	228	1.68	-
802.11ac VHT80_Nss1(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.1G	45.97	54.00	-8.03	2.85	3	H	199	1.01	-
5290MHz	Pass	AV	5.303G	83.23	Inf	-Inf	3.06	3	H	199	1.01	-
5290MHz	Pass	AV	5.353G	49.75	54.00	-4.25	3.11	3	H	199	1.01	-
5290MHz	Pass	PK	5.088G	57.16	74.00	-16.84	2.84	3	H	199	1.01	-
5290MHz	Pass	PK	5.263G	91.60	Inf	-Inf	3.02	3	H	199	1.01	-
5290MHz	Pass	PK	5.489G	57.39	68.20	-10.81	3.26	3	H	199	1.01	-
5290MHz	Pass	AV	5.107G	46.16	54.00	-7.84	2.86	3	V	153	2.24	-
5290MHz	Pass	AV	5.278G	87.54	Inf	-Inf	3.04	3	V	153	2.24	-
5290MHz	Pass	AV	5.354G	53.90	54.00	-0.10	3.11	3	V	153	2.24	-
5290MHz	Pass	PK	5.057G	57.31	74.00	-16.69	2.80	3	V	153	2.24	-
5290MHz	Pass	PK	5.318G	96.13	Inf	-Inf	3.08	3	V	153	2.24	-
5290MHz	Pass	PK	5.353G	66.33	74.00	-7.67	3.11	3	V	153	2.24	-
5290MHz	Pass	AV	10.58G	45.17	54.00	-8.83	13.36	3	H	360	1.50	-
5290MHz	Pass	PK	10.58G	56.26	74.00	-17.74	13.36	3	H	360	1.50	-
5290MHz	Pass	AV	10.58G	46.18	54.00	-7.82	13.36	3	V	110	2.01	-
5290MHz	Pass	PK	10.58G	58.08	74.00	-15.92	13.36	3	V	110	2.01	-
5530MHz	Pass	AV	5.458G	50.48	54.00	-3.52	3.22	3	H	186	3.62	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	AV	5.519G	85.23	Inf	-Inf	3.29	3	H	186	3.62	-
5530MHz	Pass	PK	5.304G	56.40	68.20	-11.80	3.06	3	H	186	3.62	-
5530MHz	Pass	PK	5.463G	63.27	68.20	-4.93	3.23	3	H	186	3.62	-
5530MHz	Pass	PK	5.519G	93.90	Inf	-Inf	3.29	3	H	186	3.62	-
5530MHz	Pass	PK	5.755G	57.79	68.20	-10.41	3.48	3	H	186	3.62	-
5530MHz	Pass	AV	5.459G	53.59	54.00	-0.41	3.22	3	V	182	2.50	-
5530MHz	Pass	AV	5.524G	89.49	Inf	-Inf	3.29	3	V	182	2.50	-
5530MHz	Pass	PK	5.458G	65.90	74.00	-8.10	3.22	3	V	182	2.50	-
5530MHz	Pass	PK	5.464G	67.48	68.20	-0.72	3.23	3	V	182	2.50	-
5530MHz	Pass	PK	5.519G	97.59	Inf	-Inf	3.29	3	V	182	2.50	-
5530MHz	Pass	PK	5.726G	57.05	68.20	-11.15	3.46	3	V	182	2.50	-
5530MHz	Pass	AV	11.06G	46.74	54.00	-7.26	14.36	3	H	360	1.50	-
5530MHz	Pass	PK	11.06G	58.39	74.00	-15.61	14.36	3	H	360	1.50	-
5530MHz	Pass	AV	11.06G	46.78	54.00	-7.22	14.36	3	V	0	1.50	-
5530MHz	Pass	PK	11.06G	58.19	74.00	-15.81	14.36	3	V	0	1.50	-
5610MHz	Pass	AV	5.458G	47.26	54.00	-6.74	3.22	3	H	183	3.69	-
5610MHz	Pass	AV	5.599G	89.56	Inf	-Inf	3.35	3	H	183	3.69	-
5610MHz	Pass	PK	5.454G	58.27	74.00	-15.73	3.22	3	H	183	3.69	-
5610MHz	Pass	PK	5.465G	58.64	68.20	-9.56	3.23	3	H	183	3.69	-
5610MHz	Pass	PK	5.624G	98.02	Inf	-Inf	3.37	3	H	183	3.69	-
5610MHz	Pass	PK	5.729G	60.46	68.20	-7.74	3.46	3	H	183	3.69	-
5610MHz	Pass	AV	5.457G	47.82	54.00	-6.18	3.22	3	V	163	2.85	-
5610MHz	Pass	AV	5.621G	95.97	Inf	-Inf	3.37	3	V	163	2.85	-
5610MHz	Pass	PK	5.453G	59.57	74.00	-14.43	3.22	3	V	163	2.85	-
5610MHz	Pass	PK	5.468G	59.61	68.20	-8.59	3.23	3	V	163	2.85	-
5610MHz	Pass	PK	5.622G	103.93	Inf	-Inf	3.37	3	V	163	2.85	-
5610MHz	Pass	PK	5.732G	67.43	68.20	-0.77	3.46	3	V	163	2.85	-
5610MHz	Pass	AV	11.22G	46.18	54.00	-7.82	14.09	3	H	360	1.50	-
5610MHz	Pass	PK	11.22G	57.48	74.00	-16.52	14.09	3	H	360	1.50	-
5610MHz	Pass	AV	11.22G	46.53	54.00	-7.47	14.09	3	V	0	1.50	-
5610MHz	Pass	PK	11.22G	57.90	74.00	-16.10	14.09	3	V	0	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459995G	47.03	54.00	-6.97	3.23	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6792G	90.34	Inf	-Inf	3.42	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4548G	58.47	74.00	-15.53	3.22	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	58.87	68.20	-9.33	3.23	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.678G	98.92	Inf	-Inf	3.42	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.936G	58.24	68.20	-9.96	3.63	3	H	186	3.41	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459995G	47.53	54.00	-6.47	3.23	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6816G	97.30	Inf	-Inf	3.42	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4452G	59.10	74.00	-14.90	3.21	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	59.56	68.20	-8.64	3.23	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7008G	106.44	Inf	-Inf	3.44	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9336G	59.38	68.20	-8.82	3.63	3	V	163	2.59	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38G	46.08	54.00	-7.92	13.81	3	H	0	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38G	57.30	74.00	-16.70	13.81	3	H	0	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38G	47.59	54.00	-6.41	13.81	3	V	138	1.31	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38G	59.00	74.00	-15.00	13.81	3	V	138	1.31	-

802.11a_(6Mbps)_3TX

5260MHz_TX

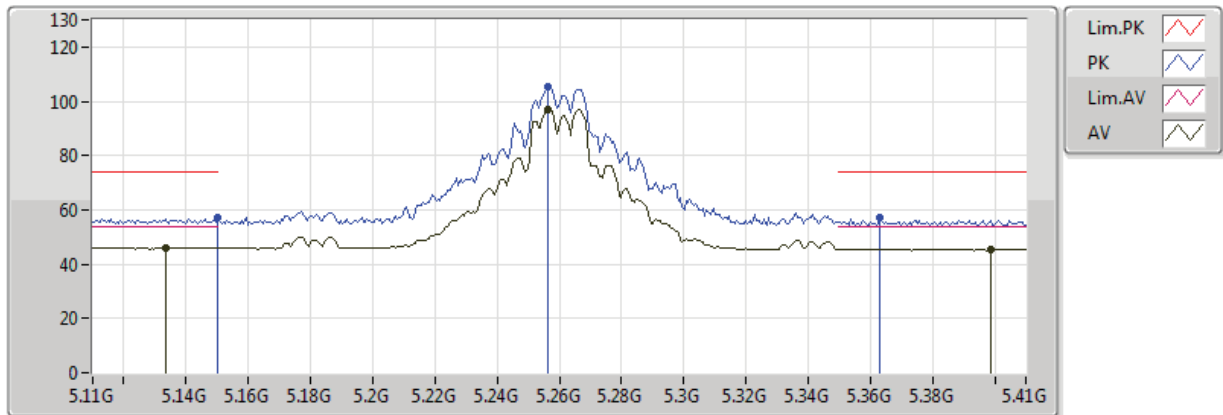


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1388G	47.19	54.00	-6.81	2.89	3	V	269	3.16	-
AV	5.2588G	105.40	Inf	-Inf	3.01	3	V	269	3.16	-
AV	5.350005G	46.88	54.00	-7.12	3.11	3	V	269	3.16	-
PK	5.1436G	57.01	74.00	-16.99	2.89	3	V	269	3.16	-
PK	5.2588G	113.61	Inf	-Inf	3.01	3	V	269	3.16	-
PK	5.3656G	57.67	74.00	-16.33	3.13	3	V	269	3.16	-

802.11a_(6Mbps)_3TX

5260MHz_TX

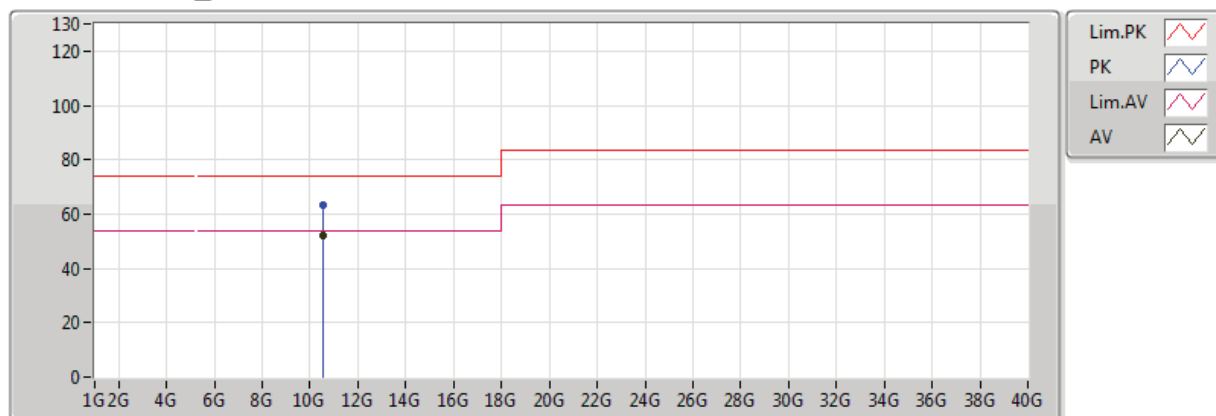


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1334G	46.06	54.00	-7.94	2.88	3	H	207	2.73	-
AV	5.2564G	97.04	Inf	-Inf	3.01	3	H	207	2.73	-
AV	5.3986G	45.47	54.00	-8.53	3.16	3	H	207	2.73	-
PK	5.149995G	57.02	74.00	-16.98	2.90	3	H	207	2.73	-
PK	5.2564G	105.11	Inf	-Inf	3.01	3	H	207	2.73	-
PK	5.3632G	56.89	74.00	-17.11	3.12	3	H	207	2.73	-

802.11a_(6Mbps)_3TX

5260MHz_TX

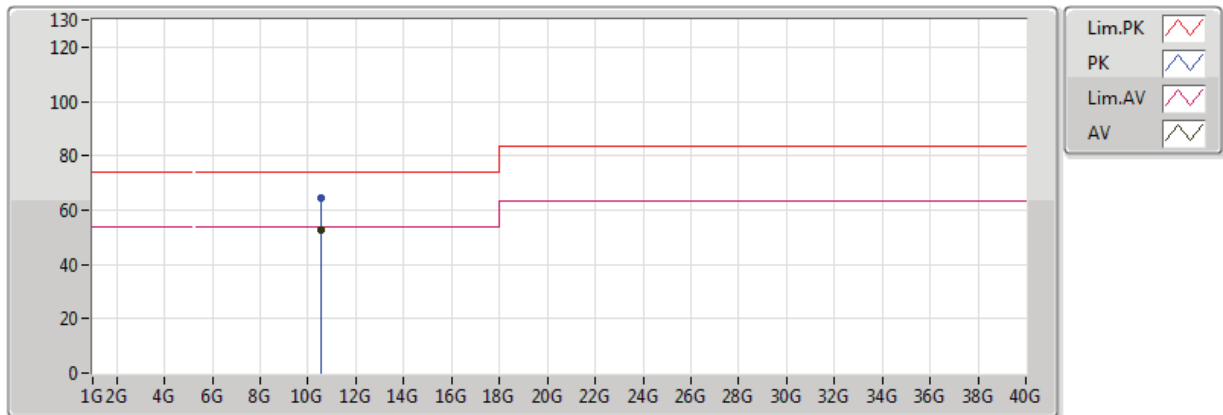


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.52G	52.16	54.00	-1.84	13.20	3	V	169	2.05	-
PK	10.52G	63.05	74.00	-10.95	13.20	3	V	169	2.05	-

802.11a_(6Mbps)_3TX

5260MHz_TX

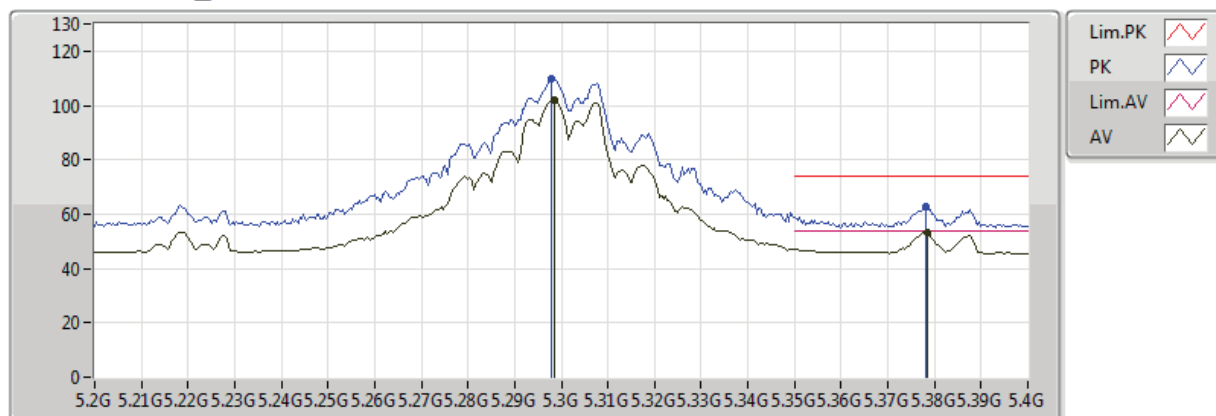


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.52G	52.76	54.00	-1.24	13.20	3	H	333	3.48	-
PK	10.52G	64.71	74.00	-9.29	13.20	3	H	333	3.48	-

802.11a_(6Mbps)_3TX

5300MHz_TX

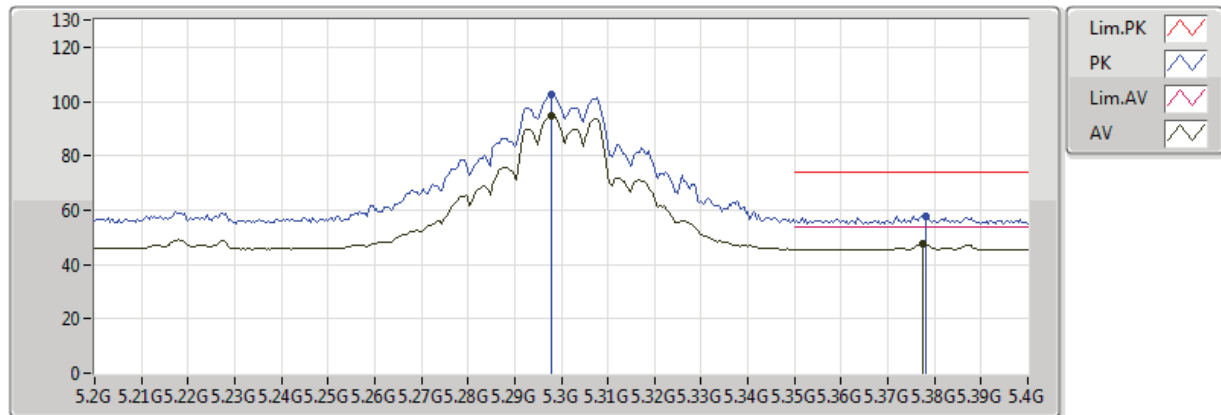


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2984G	101.88	Inf	-Inf	3.06	3	V	270	1.98	-
AV	5.3784G	53.23	54.00	-0.77	3.14	3	V	270	1.98	-
PK	5.298G	109.66	Inf	-Inf	3.06	3	V	270	1.98	-
PK	5.378G	62.52	74.00	-11.48	3.14	3	V	270	1.98	-

802.11a_(6Mbps)_3TX

5300MHz_TX

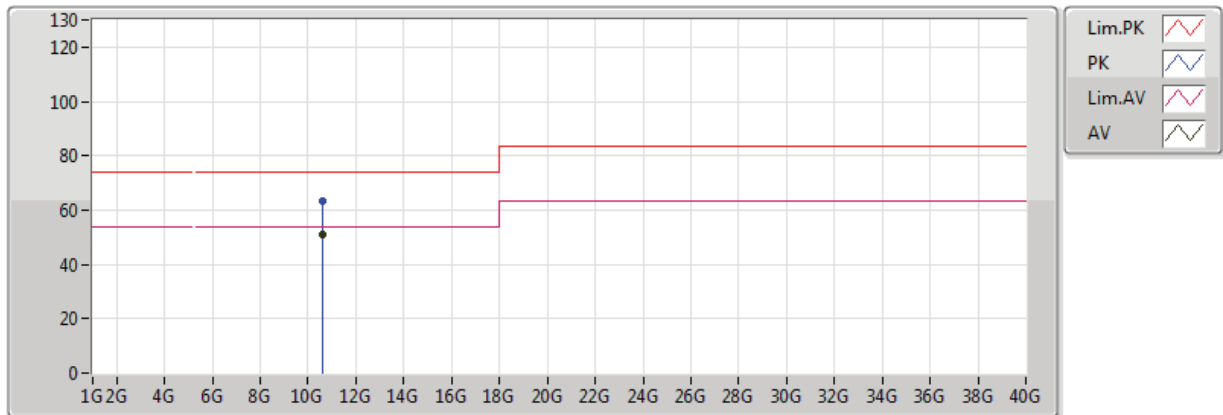


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.298G	94.56	Inf	-Inf	3.06	3	H	12	1.99	-
AV	5.3776G	47.42	54.00	-6.58	3.14	3	H	12	1.99	-
PK	5.298G	102.46	Inf	-Inf	3.06	3	H	12	1.99	-
PK	5.378G	57.86	74.00	-16.14	3.14	3	H	12	1.99	-

802.11a_(6Mbps)_3TX

5300MHz_TX

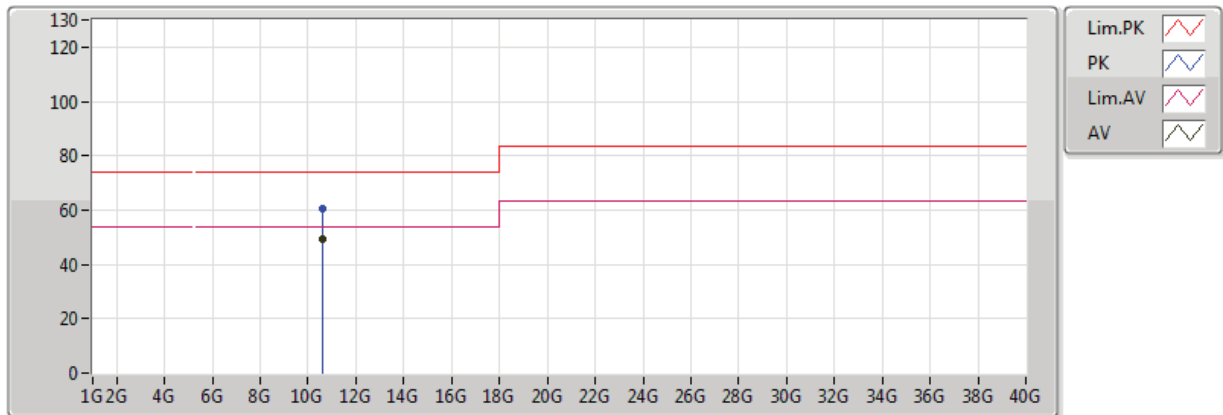


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6G	51.06	54.00	-2.94	13.41	3	V	167	3.64	-
PK	10.6G	63.25	74.00	-10.75	13.41	3	V	167	3.64	-

802.11a_(6Mbps)_3TX

5300MHz_TX

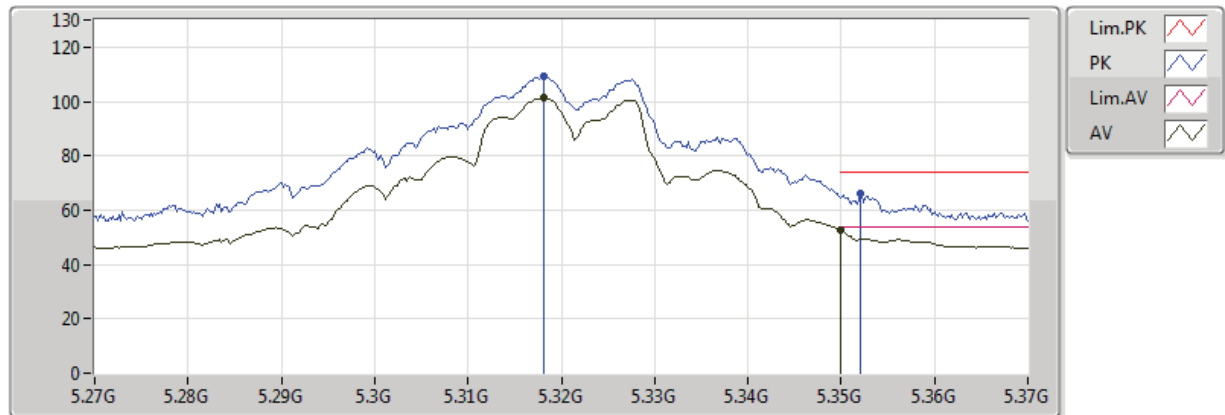


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6G	49.37	54.00	-4.63	13.41	3	H	174	3.66	-
PK	10.6G	60.76	74.00	-13.24	13.41	3	H	174	3.66	-

802.11a_(6Mbps)_3TX

5320MHz_TX

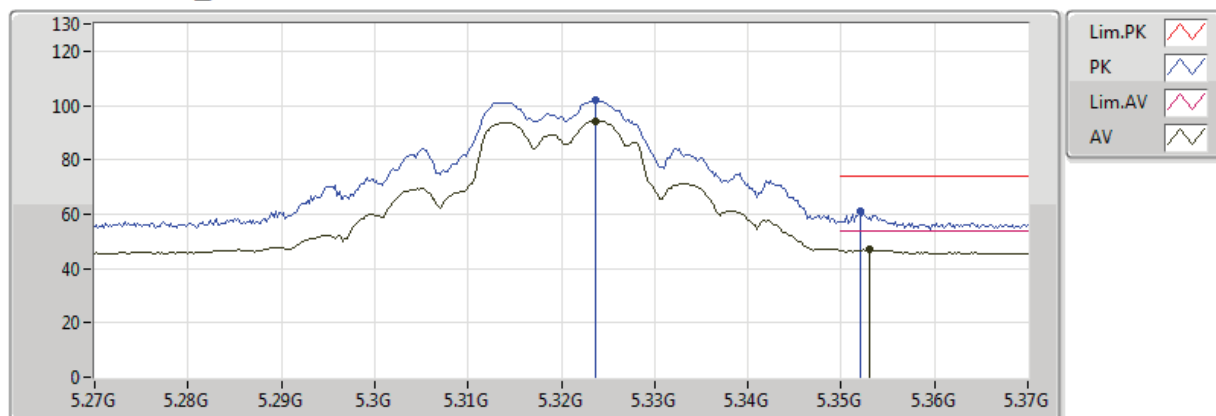


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3182G	101.26	Inf	-Inf	3.08	3	V	270	1.99	-
AV	5.350005G	52.57	54.00	-1.43	3.11	3	V	270	1.99	-
PK	5.3182G	109.02	Inf	-Inf	3.08	3	V	270	1.99	-
PK	5.352G	66.03	74.00	-7.97	3.11	3	V	270	1.99	-

802.11a_(6Mbps)_3TX

5320MHz_TX

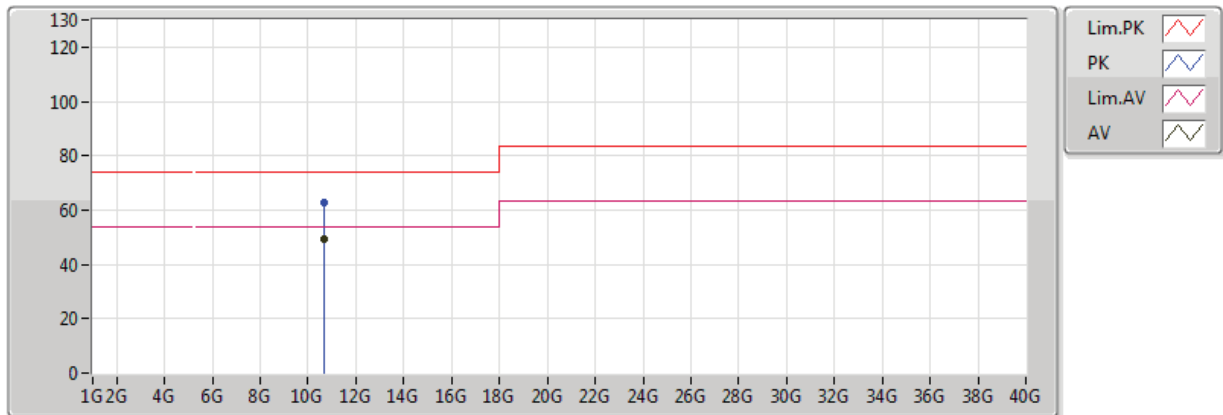


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3236G	94.35	Inf	-Inf	3.08	3	H	198	1.04	-
AV	5.353G	46.86	54.00	-7.14	3.11	3	H	198	1.04	-
PK	5.3236G	102.12	Inf	-Inf	3.08	3	H	198	1.04	-
PK	5.352G	60.95	74.00	-13.05	3.11	3	H	198	1.04	-

802.11a_(6Mbps)_3TX

5320MHz_TX

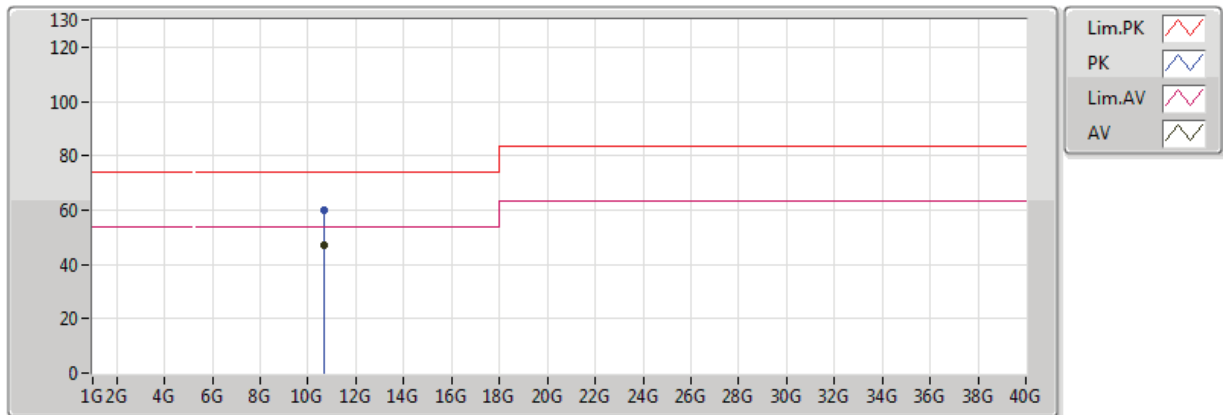


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64G	49.38	54.00	-4.62	13.52	3	V	167	3.69	-
PK	10.64G	62.99	74.00	-11.01	13.52	3	V	167	3.69	-

802.11a_(6Mbps)_3TX

5320MHz_TX

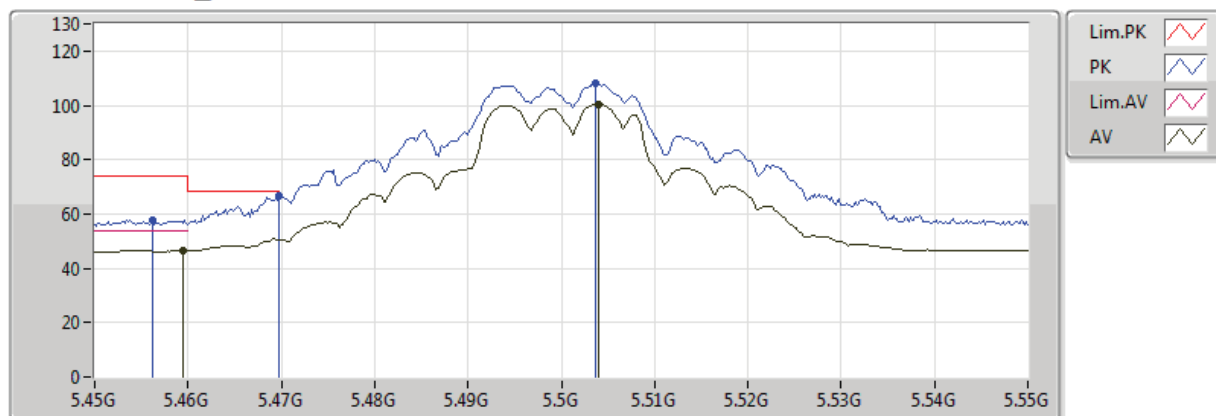


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64G	47.22	54.00	-6.78	13.52	3	H	174	3.64	-
PK	10.64G	59.75	74.00	-14.25	13.52	3	H	174	3.64	-

802.11a_(6Mbps)_3TX

5500MHz_TX

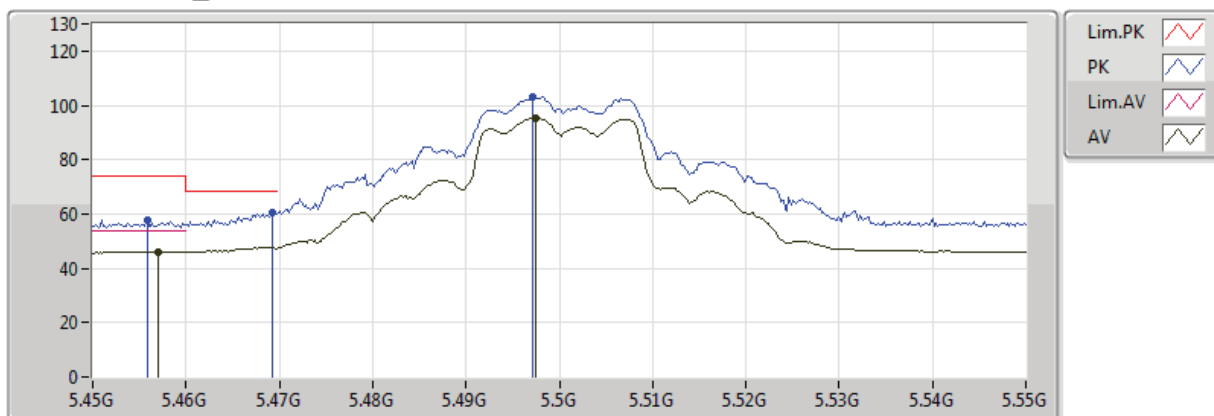


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	46.54	54.00	-7.46	3.23	3	V	182	1.98	-
AV	5.504G	100.24	Inf	-Inf	3.27	3	V	182	1.98	-
PK	5.4562G	57.73	74.00	-16.27	3.22	3	V	182	1.98	-
PK	5.4698G	66.68	68.20	-1.52	3.24	3	V	182	1.98	-
PK	5.5036G	107.94	Inf	-Inf	3.27	3	V	182	1.98	-

802.11a_(6Mbps)_3TX

5500MHz_TX

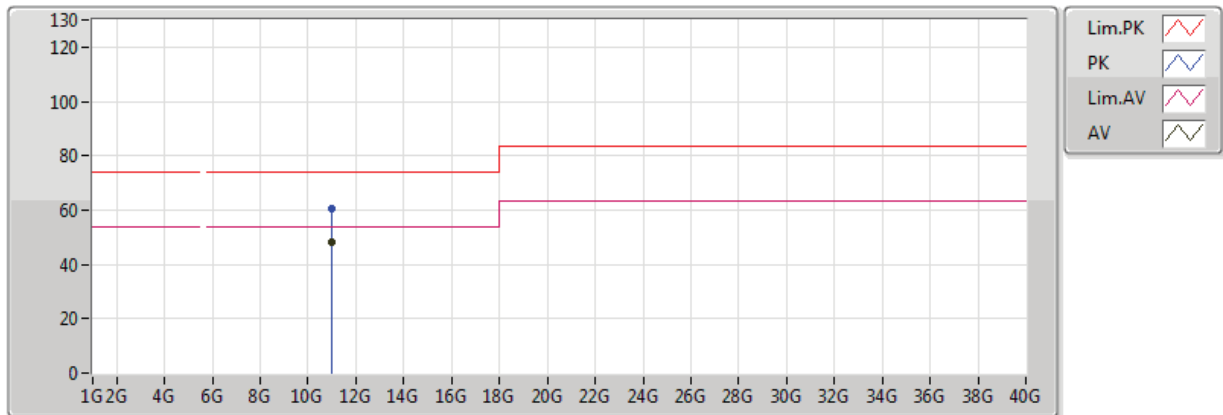


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.457G	46.02	54.00	-7.98	3.22	3	H	33	1.99	-
AV	5.4974G	95.30	Inf	-Inf	3.27	3	H	33	1.99	-
PK	5.4558G	57.70	74.00	-16.30	3.22	3	H	33	1.99	-
PK	5.4692G	60.73	68.20	-7.47	3.24	3	H	33	1.99	-
PK	5.4972G	103.12	Inf	-Inf	3.27	3	H	33	1.99	-

802.11a_(6Mbps)_3TX

5500MHz_TX

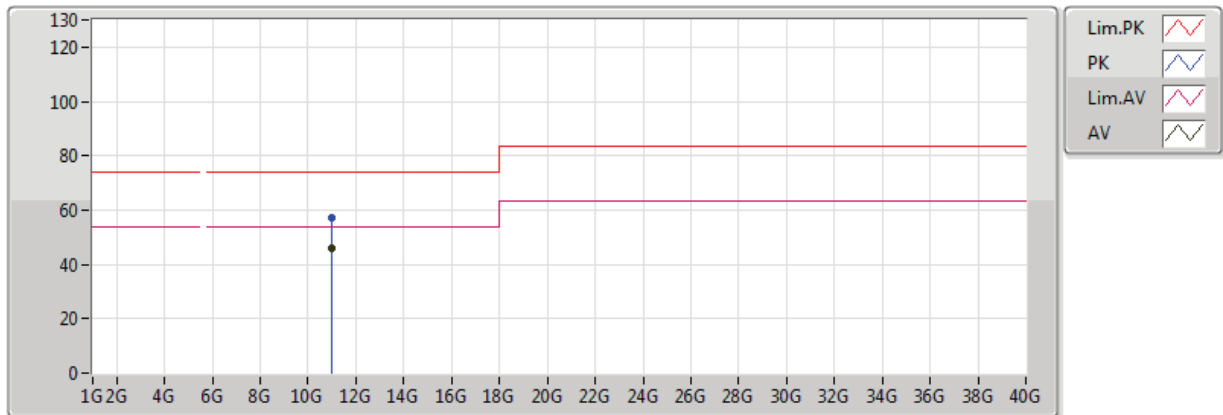


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	48.35	54.00	-5.65	14.46	3	V	182	1.04	-
PK	11G	60.25	74.00	-13.75	14.46	3	V	182	1.04	-

802.11a_(6Mbps)_3TX

5500MHz_TX

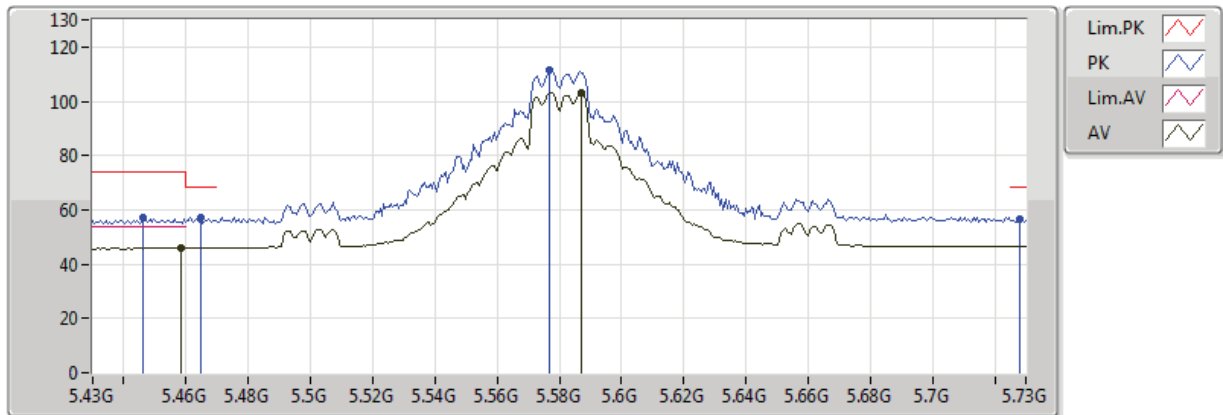


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	45.85	54.00	-8.15	14.46	3	H	182	2.18	-
PK	11G	57.40	74.00	-16.60	14.46	3	H	182	2.18	-

802.11a_(6Mbps)_3TX

5580MHz_TX

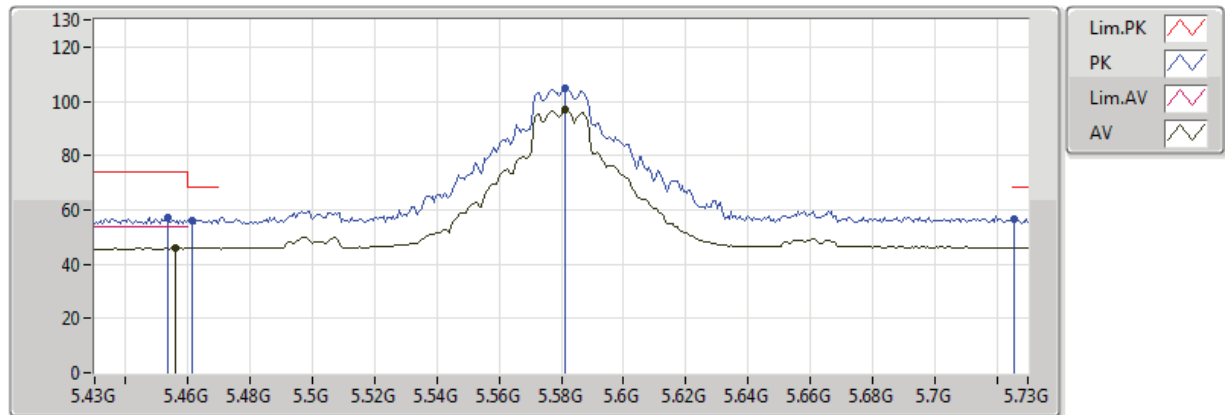


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4582G	45.96	54.00	-8.04	3.22	3	V	165	1.98	-
AV	5.5872G	103.02	Inf	-Inf	3.34	3	V	165	1.98	-
PK	5.4462G	57.24	74.00	-16.76	3.21	3	V	165	1.98	-
PK	5.4648G	57.28	68.20	-10.92	3.23	3	V	165	1.98	-
PK	5.577G	111.37	Inf	-Inf	3.33	3	V	165	1.98	-
PK	5.7282G	56.74	68.20	-11.46	3.46	3	V	165	1.98	-

802.11a_(6Mbps)_3TX

5580MHz_TX

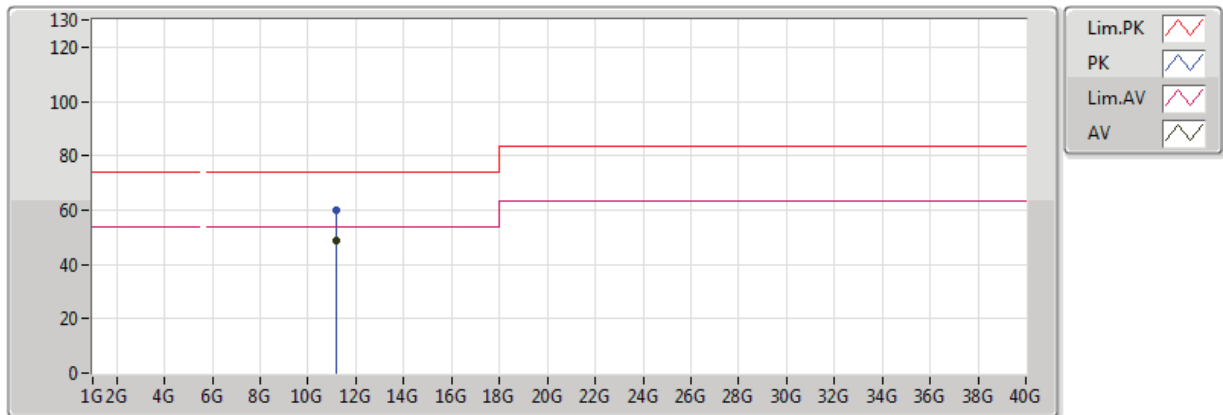


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4558G	45.82	54.00	-8.18	3.22	3	H	33	1.97	-
AV	5.5812G	96.99	Inf	-Inf	3.33	3	H	33	1.97	-
PK	5.4534G	57.14	74.00	-16.86	3.22	3	H	33	1.97	-
PK	5.4612G	56.25	68.20	-11.95	3.23	3	H	33	1.97	-
PK	5.5812G	104.88	Inf	-Inf	3.33	3	H	33	1.97	-
PK	5.7258G	56.80	68.20	-11.40	3.46	3	H	33	1.97	-

802.11a_(6Mbps)_3TX

5580MHz_TX

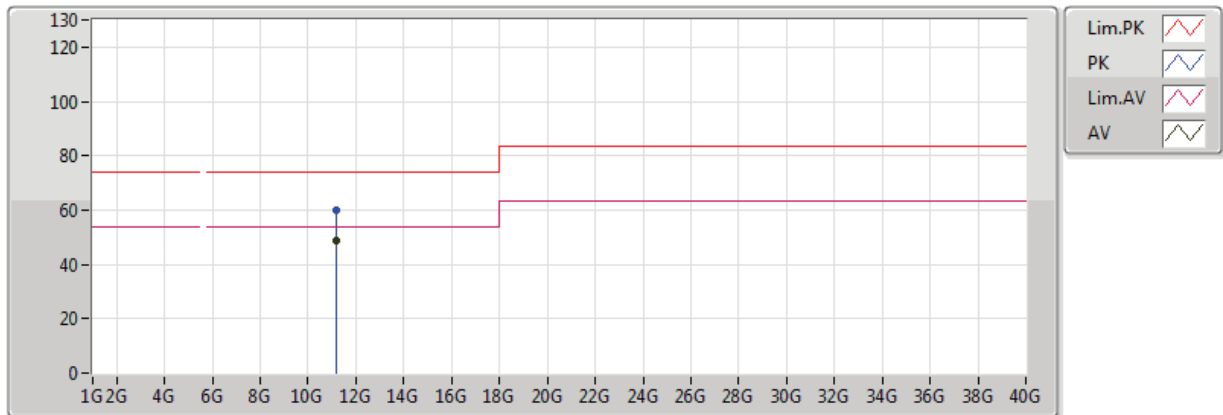


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16G	48.97	54.00	-5.03	14.19	3	V	207	2.06	-
PK	11.16G	60.00	74.00	-14.00	14.19	3	V	207	2.06	-

802.11a_(6Mbps)_3TX

5580MHz_TX

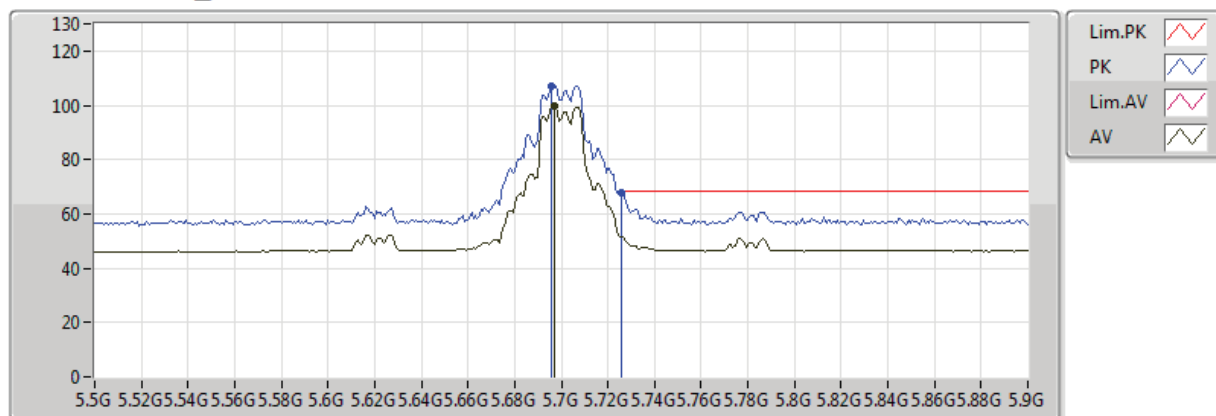


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16G	48.75	54.00	-5.25	14.19	3	H	0	3.69	-
PK	11.16G	59.96	74.00	-14.04	14.19	3	H	0	3.69	-

802.11a_(6Mbps)_3TX

5700MHz_TX

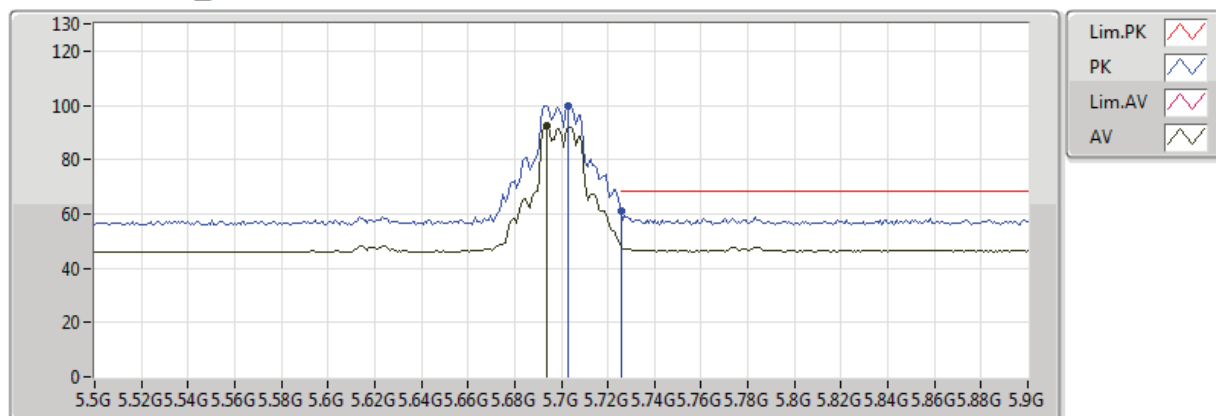


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6968G	99.51	Inf	-Inf	3.44	3	V	166	1.98	-
PK	5.696G	107.30	Inf	-Inf	3.44	3	V	166	1.98	-
PK	5.7256G	67.62	68.20	-0.58	3.46	3	V	166	1.98	-

802.11a_(6Mbps)_3TX

5700MHz_TX

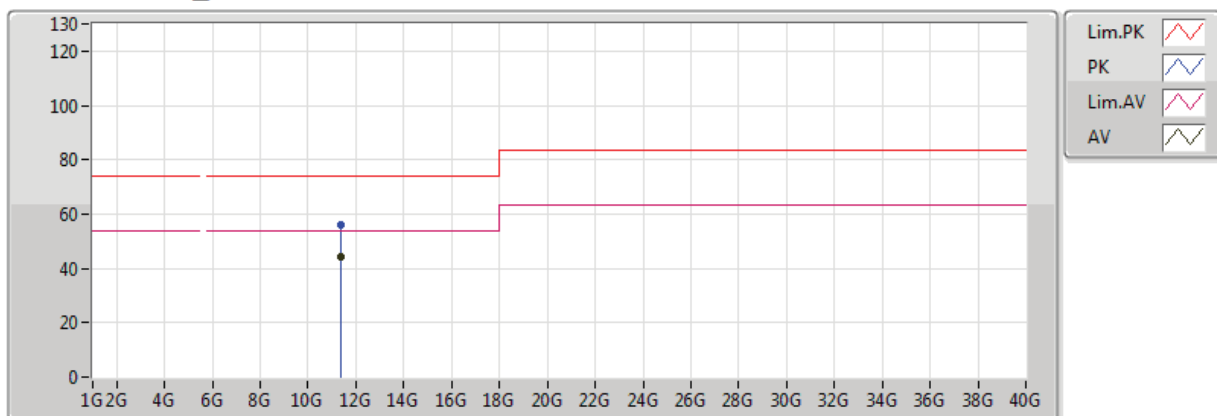


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6936G	92.21	Inf	-Inf	3.43	3	H	189	1.99	-
PK	5.7032G	99.99	Inf	-Inf	3.44	3	H	189	1.99	-
PK	5.7256G	60.90	68.20	-7.30	3.46	3	H	189	1.99	-

802.11a_(6Mbps)_3TX

5700MHz_TX

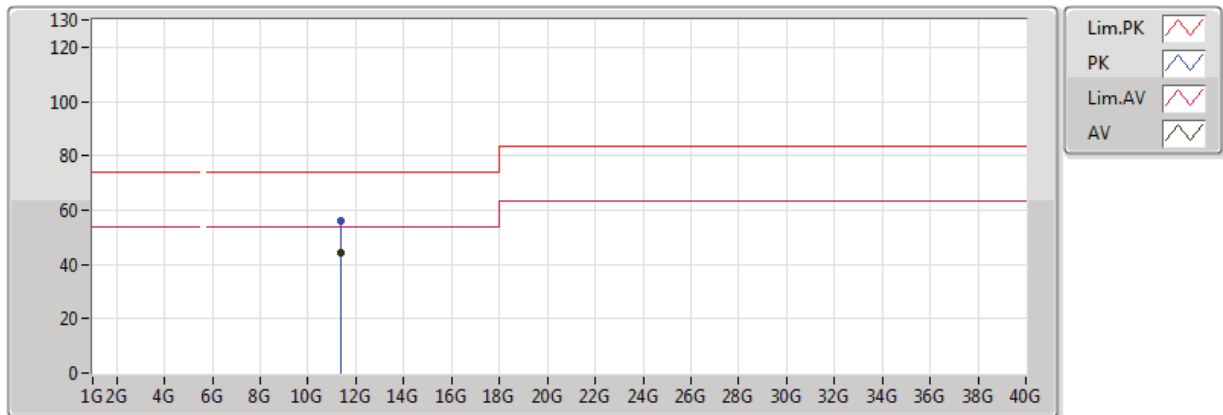


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	44.33	54.00	-9.67	13.78	3	V	28	2.05	-
PK	11.4G	55.85	74.00	-18.15	13.78	3	V	28	2.05	-

802.11a_(6Mbps)_3TX

5700MHz_TX

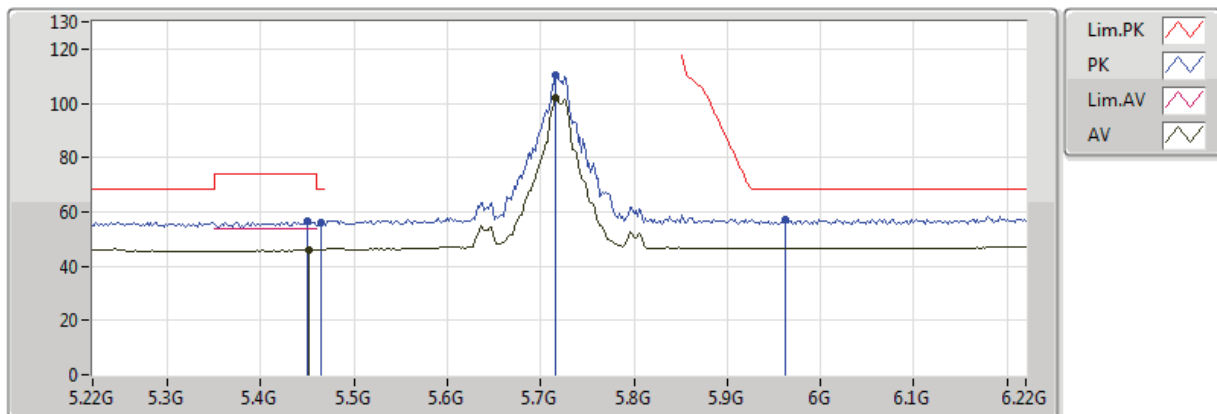


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	44.16	54.00	-9.84	13.78	3	H	338	1.29	-
PK	11.4G	56.14	74.00	-17.86	13.78	3	H	338	1.29	-

802.11a_(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

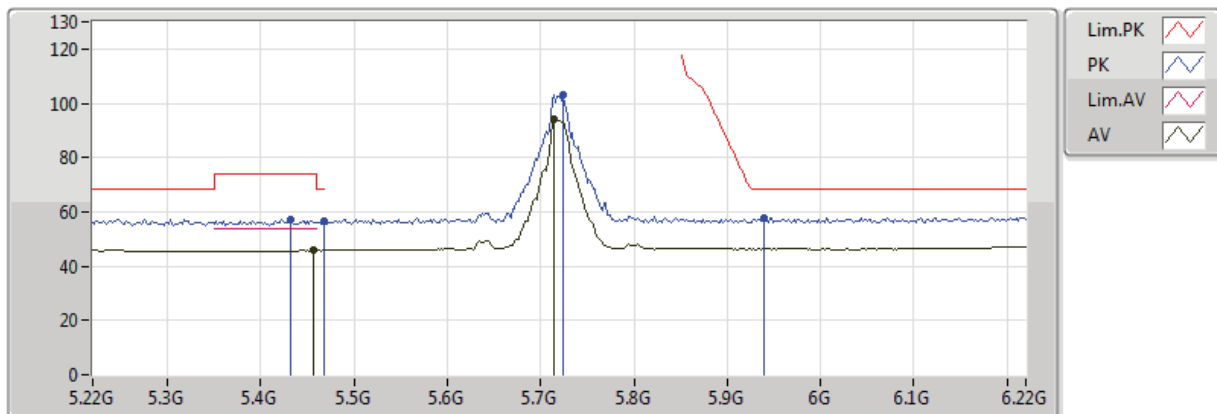


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.452G	45.85	54.00	-8.15	3.22	3	V	165	1.95	-
AV	5.716G	101.75	Inf	-Inf	3.45	3	V	165	1.95	-
PK	5.45G	56.50	74.00	-17.50	3.22	3	V	165	1.95	-
PK	5.464G	56.17	68.20	-12.03	3.23	3	V	165	1.95	-
PK	5.716G	110.61	Inf	-Inf	3.45	3	V	165	1.95	-
PK	5.962G	57.10	68.20	-11.10	3.65	3	V	165	1.95	-

802.11a_(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

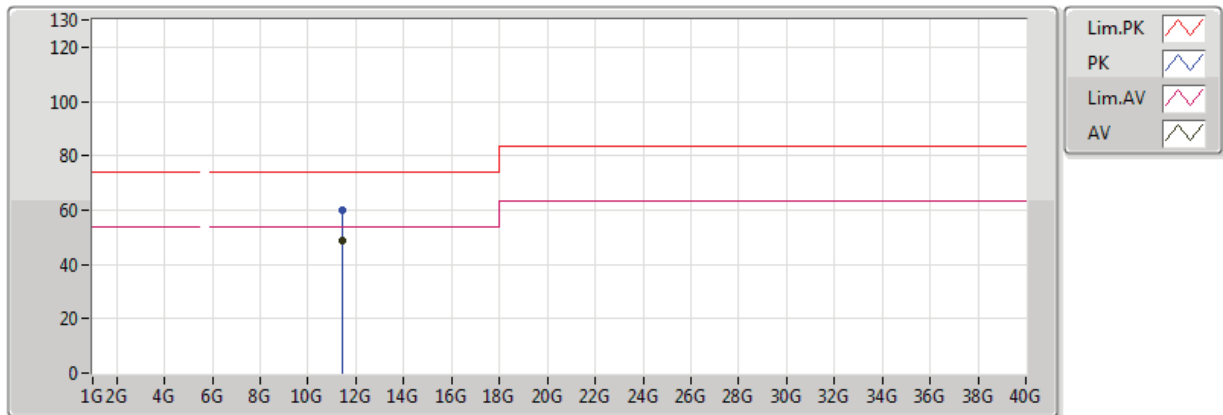


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.456G	45.70	54.00	-8.30	3.22	3	H	184	1.93	-
AV	5.714G	94.00	Inf	-Inf	3.45	3	H	184	1.93	-
PK	5.432G	57.14	74.00	-16.86	3.20	3	H	184	1.93	-
PK	5.468G	56.37	68.20	-11.83	3.23	3	H	184	1.93	-
PK	5.724G	102.96	Inf	-Inf	3.46	3	H	184	1.93	-
PK	5.94G	57.88	68.20	-10.32	3.63	3	H	184	1.93	-

802.11a_(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

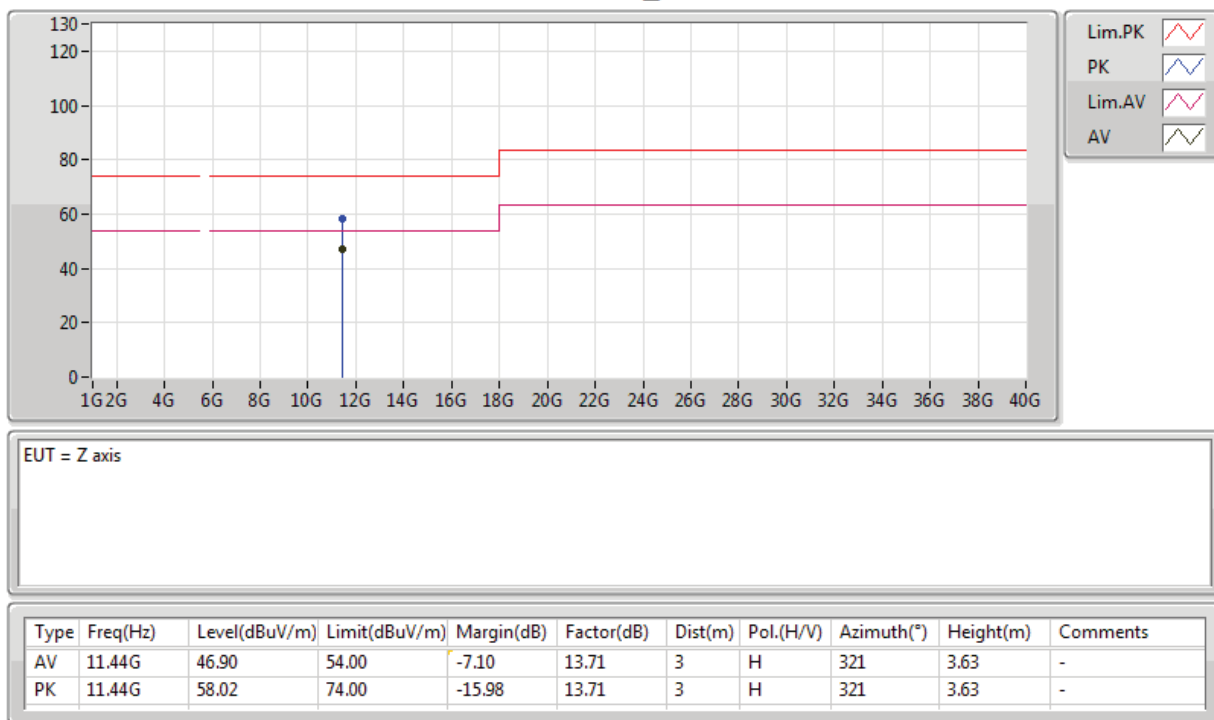


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.44G	48.99	54.00	-5.01	13.71	3	V	184	1.12	-
PK	11.44G	60.01	74.00	-13.99	13.71	3	V	184	1.12	-

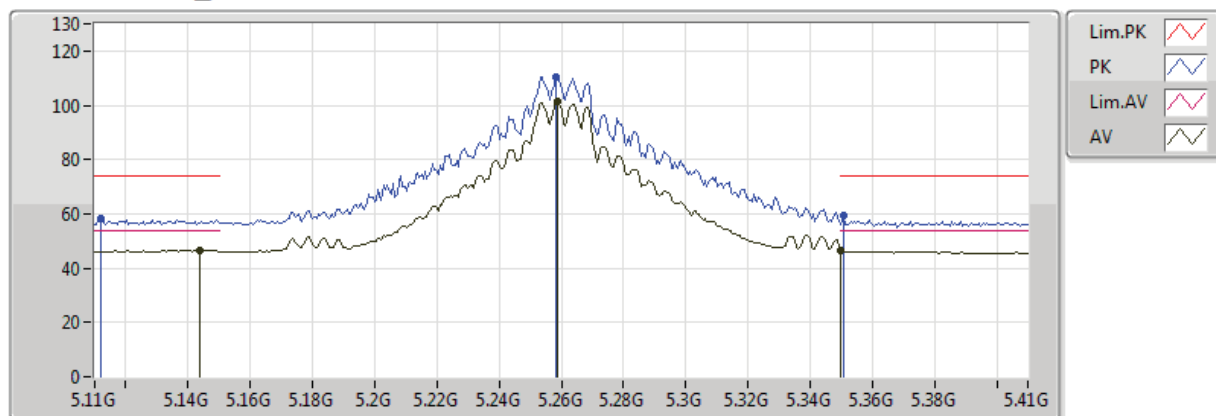
802.11a_(6Mbps)_3TX

5720MHz Straddle 5.47-5.725GHz_TX



802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

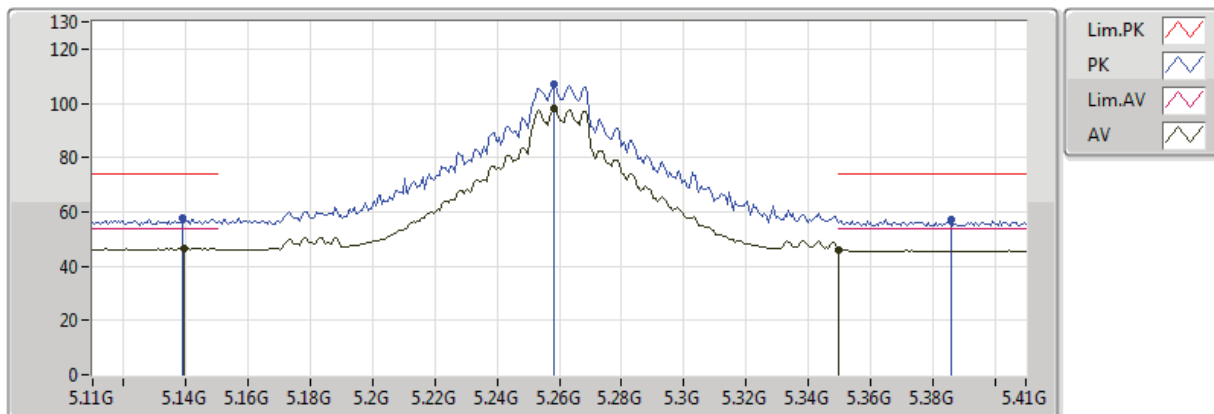


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1436G	46.40	54.00	-7.60	2.89	3	V	153	1.26	-
AV	5.2588G	101.37	Inf	-Inf	3.01	3	V	153	1.26	-
AV	5.350005G	46.51	54.00	-7.49	3.11	3	V	153	1.26	-
PK	5.1118G	58.45	74.00	-15.55	2.86	3	V	153	1.26	-
PK	5.2582G	110.49	Inf	-Inf	3.01	3	V	153	1.26	-
PK	5.3506G	59.15	74.00	-14.85	3.11	3	V	153	1.26	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

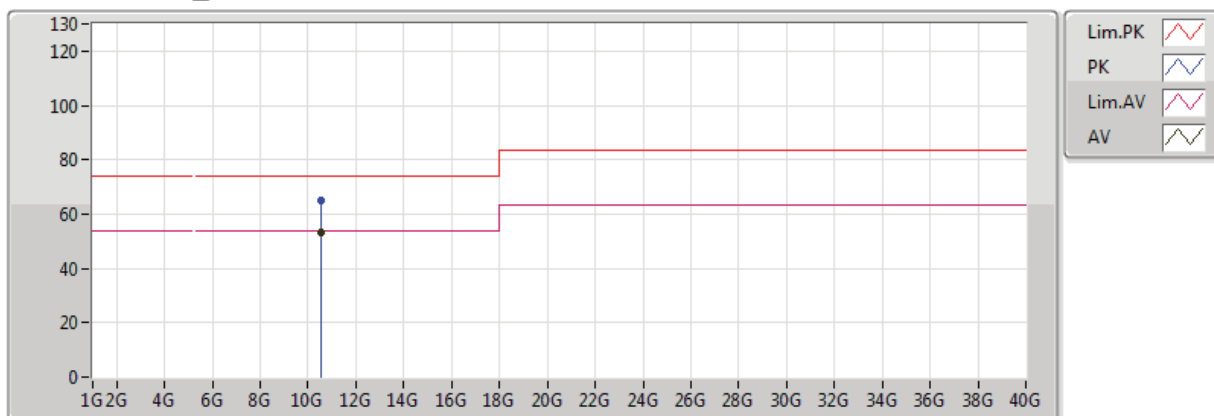


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1394G	46.38	54.00	-7.62	2.89	3	H	196	1.07	-
AV	5.2582G	98.20	Inf	-Inf	3.01	3	H	196	1.07	-
AV	5.350005G	45.73	54.00	-8.27	3.11	3	H	196	1.07	-
PK	5.1388G	57.75	74.00	-16.25	2.89	3	H	196	1.07	-
PK	5.2582G	107.12	Inf	-Inf	3.01	3	H	196	1.07	-
PK	5.386G	56.91	74.00	-17.09	3.15	3	H	196	1.07	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

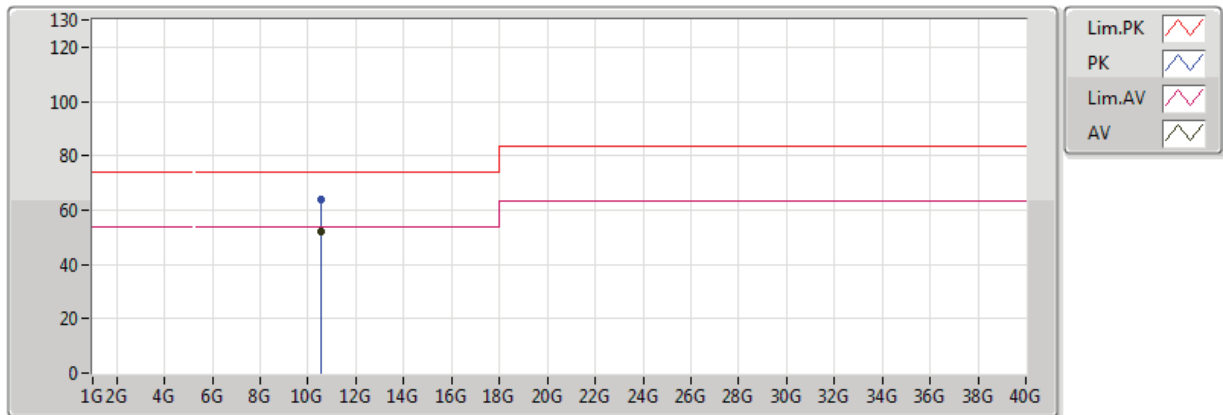


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.52G	53.42	54.00	-0.58	13.20	3	V	163	2.18	-
PK	10.52G	65.11	74.00	-8.89	13.20	3	V	163	2.18	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

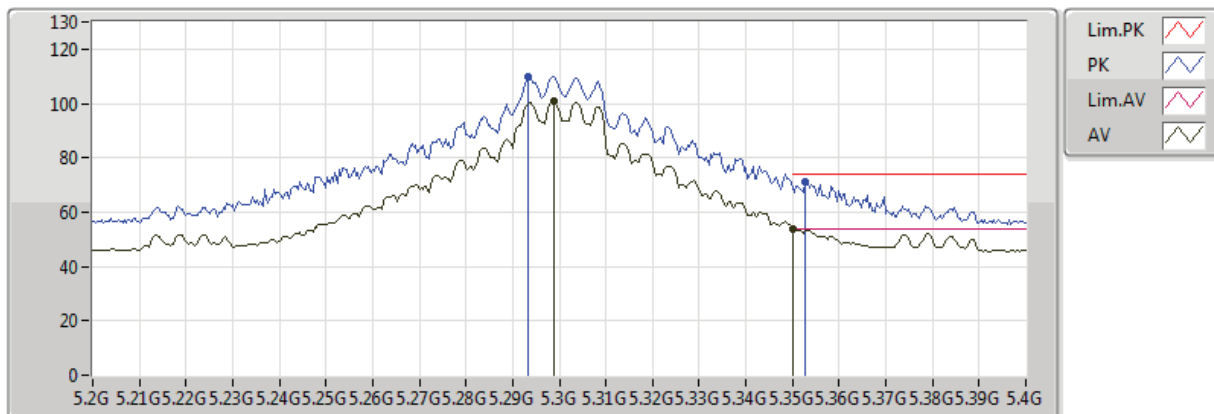


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.52G	51.99	54.00	-2.01	13.20	3	H	181	1.02	-
PK	10.52G	63.73	74.00	-10.27	13.20	3	H	181	1.02	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

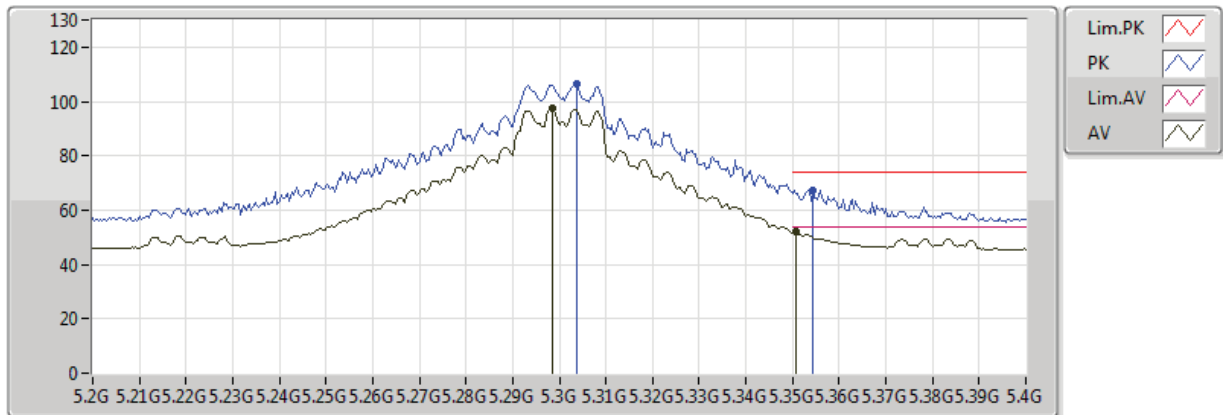


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2988G	101.11	Inf	-Inf	3.06	3	V	152	1.07	-
AV	5.350005G	53.72	54.00	-0.28	3.11	3	V	152	1.07	-
PK	5.2932G	109.88	Inf	-Inf	3.05	3	V	152	1.07	-
PK	5.3528G	71.14	74.00	-2.86	3.11	3	V	152	1.07	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

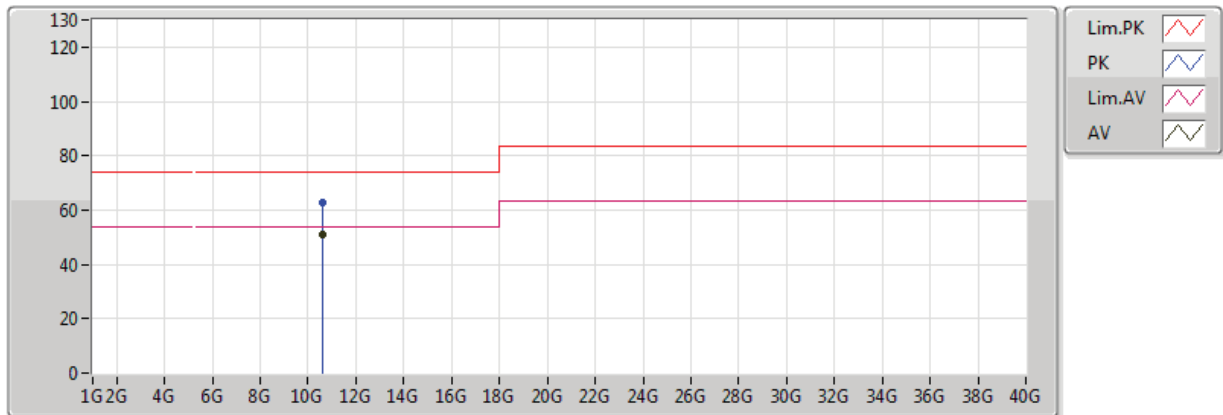


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2984G	97.30	Inf	-Inf	3.06	3	H	195	1.07	-
AV	5.3508G	51.88	54.00	-2.12	3.11	3	H	195	1.07	-
PK	5.3036G	106.30	Inf	-Inf	3.06	3	H	195	1.07	-
PK	5.3544G	67.32	74.00	-6.68	3.11	3	H	195	1.07	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

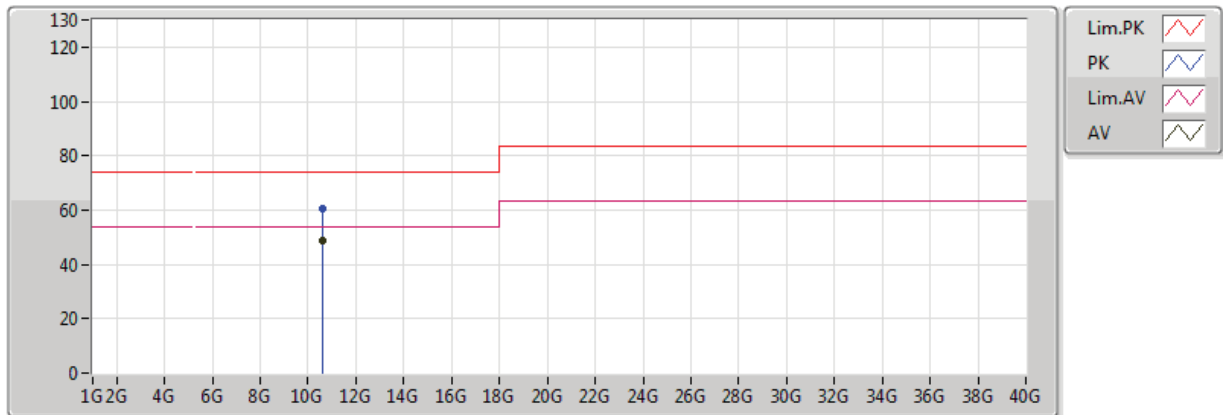


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6G	51.09	54.00	-2.91	13.41	3	V	161	3.63	-
PK	10.6G	62.90	74.00	-11.10	13.41	3	V	161	3.63	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

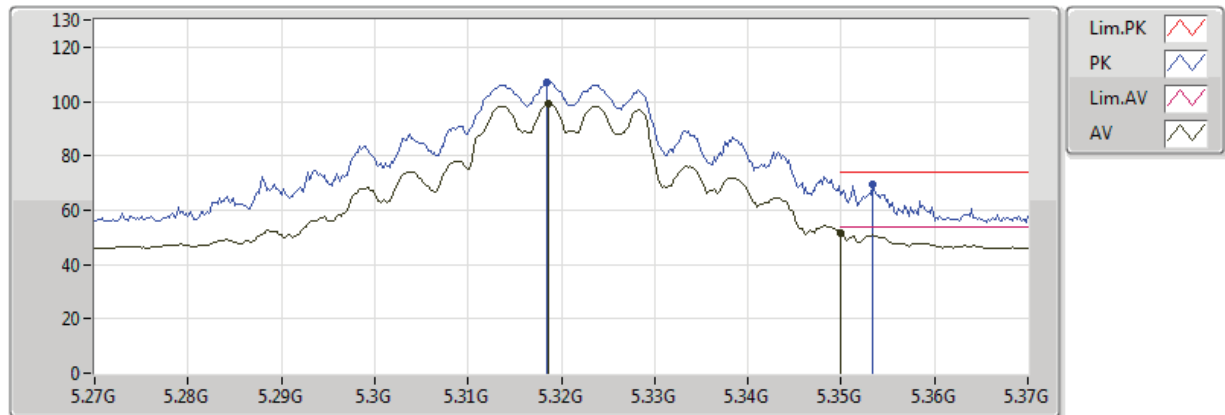


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.6G	48.78	54.00	-5.22	13.41	3	H	181	3.69	-
PK	10.6G	60.37	74.00	-13.63	13.41	3	H	181	3.69	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

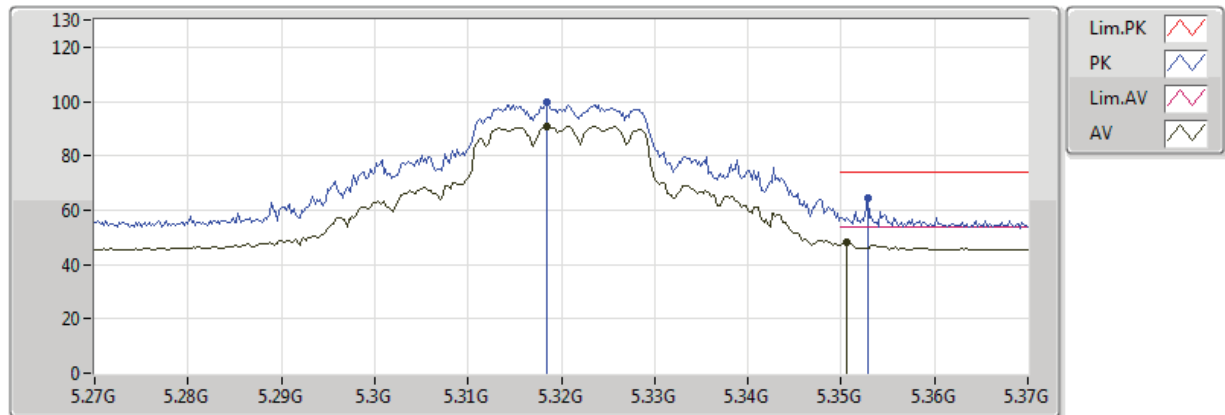


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3186G	98.94	Inf	-Inf	3.08	3	V	149	1.02	-
AV	5.350005G	51.50	54.00	-2.50	3.11	3	V	149	1.02	-
PK	5.3184G	106.79	Inf	-Inf	3.08	3	V	149	1.02	-
PK	5.3534G	69.48	74.00	-4.52	3.11	3	V	149	1.02	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

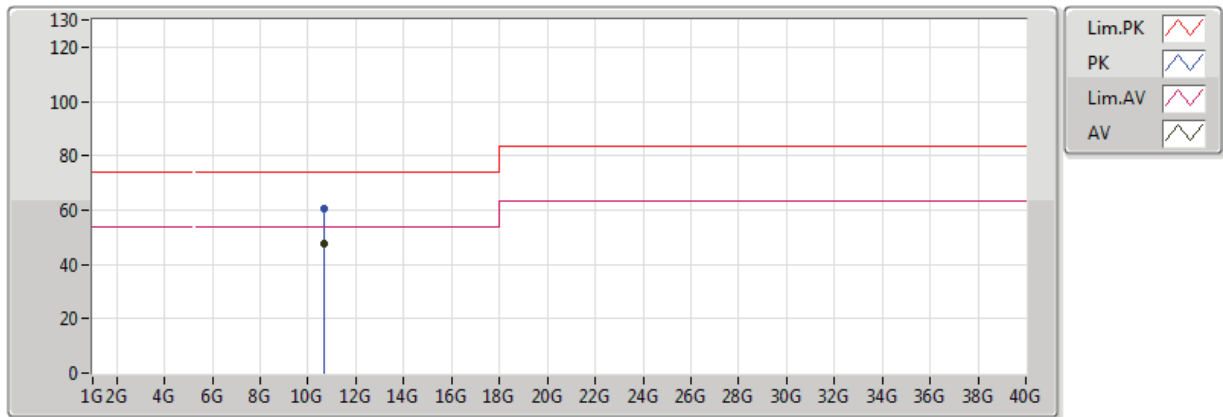


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3184G	90.88	Inf	-Inf	3.08	3	H	195	1.07	-
AV	5.3506G	47.99	54.00	-6.01	3.11	3	H	195	1.07	-
PK	5.3184G	99.78	Inf	-Inf	3.08	3	H	195	1.07	-
PK	5.3528G	64.54	74.00	-9.46	3.11	3	H	195	1.07	-

802.11ac VHT20_Nss1,(MCS0)_3TX

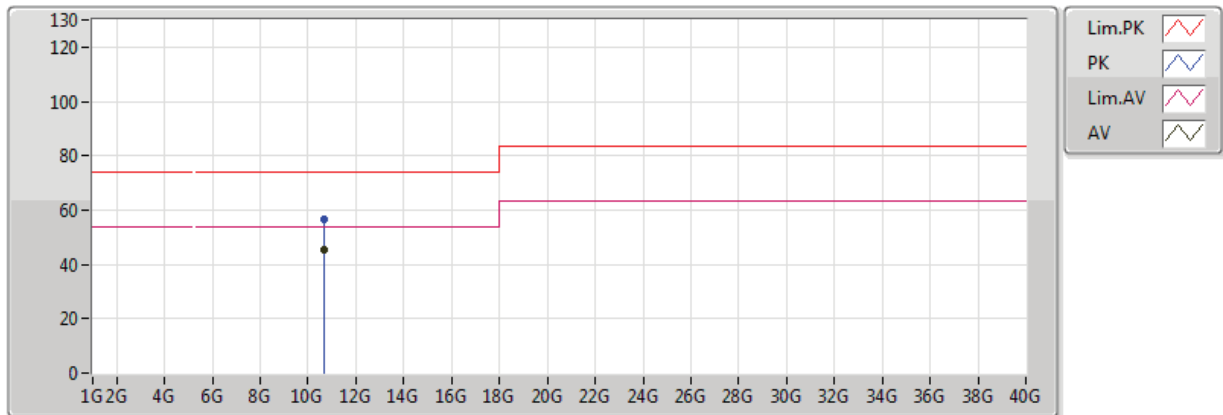
5320MHz_TX



Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64G	47.60	54.00	-6.40	13.52	3	V	168	1.19	-
PK	10.64G	60.28	74.00	-13.72	13.52	3	V	168	1.19	-

802.11ac VHT20_Nss1,(MCS0)_3TX

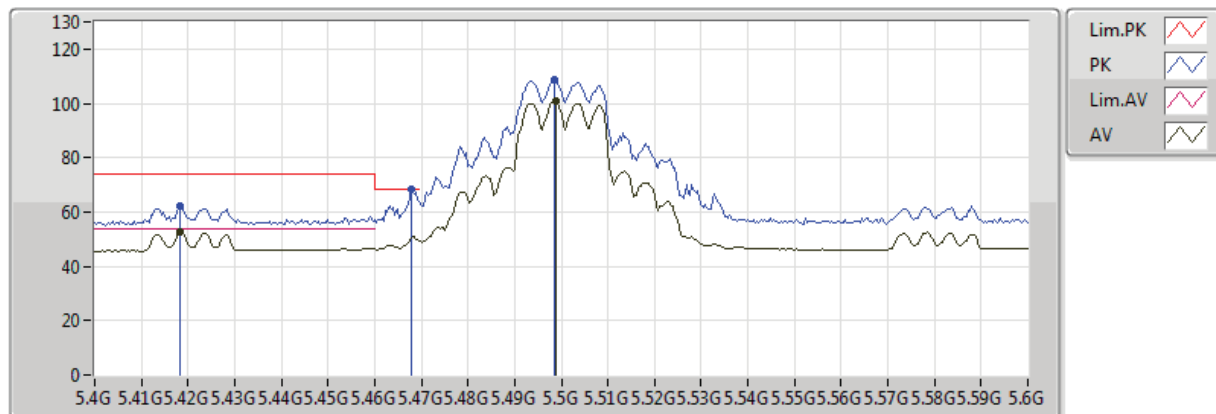
5320MHz_TX



Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.64G	45.28	54.00	-8.72	13.52	3	H	360	1.50	-
PK	10.64G	56.82	74.00	-17.18	13.52	3	H	360	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

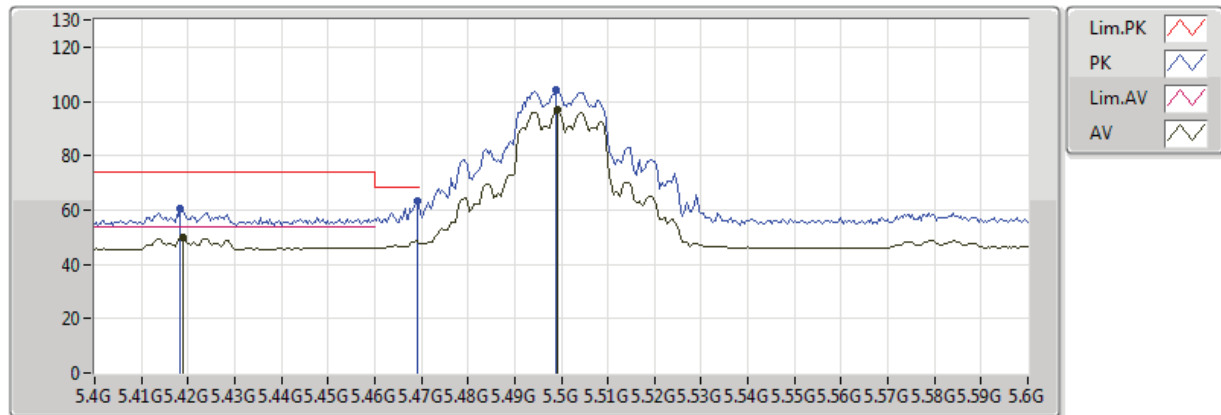


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4184G	52.40	54.00	-1.60	3.18	3	V	188	2.67	-
AV	5.4988G	100.60	Inf	-Inf	3.27	3	V	188	2.67	-
PK	5.4184G	62.18	74.00	-11.82	3.18	3	V	188	2.67	-
PK	5.468G	68.09	68.20	-0.11	3.23	3	V	188	2.67	-
PK	5.4984G	108.70	Inf	-Inf	3.27	3	V	188	2.67	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

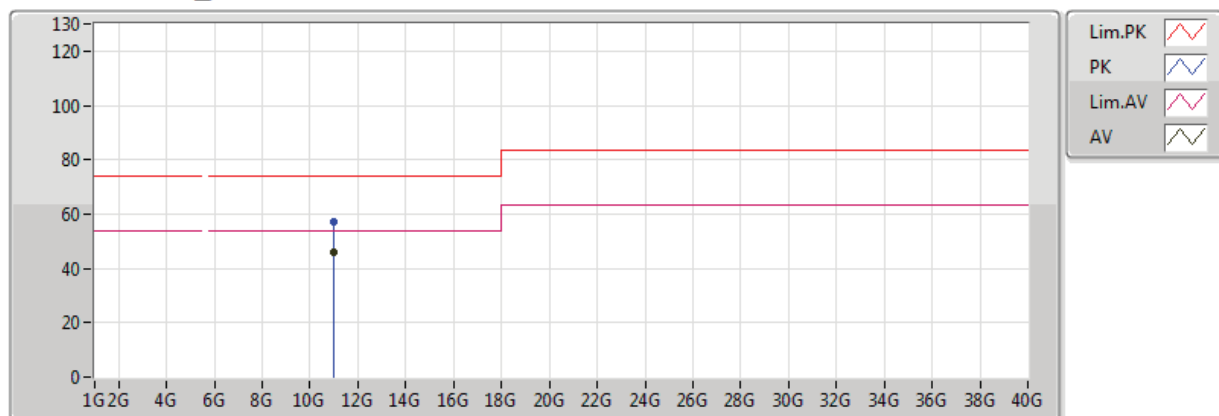


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4188G	49.95	54.00	-4.05	3.18	3	H	191	3.63	-
AV	5.4992G	96.72	Inf	-Inf	3.27	3	H	191	3.63	-
PK	5.4184G	60.27	74.00	-13.73	3.18	3	H	191	3.63	-
PK	5.4692G	63.09	68.20	-5.11	3.24	3	H	191	3.63	-
PK	5.4988G	104.46	Inf	-Inf	3.27	3	H	191	3.63	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

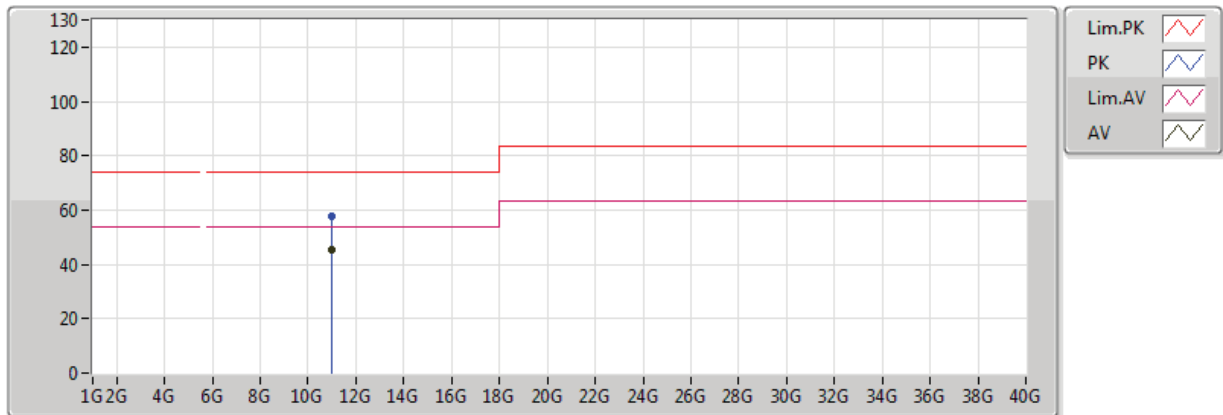


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	45.72	54.00	-8.28	14.46	3	V	360	1.50	-
PK	11G	57.19	74.00	-16.81	14.46	3	V	360	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

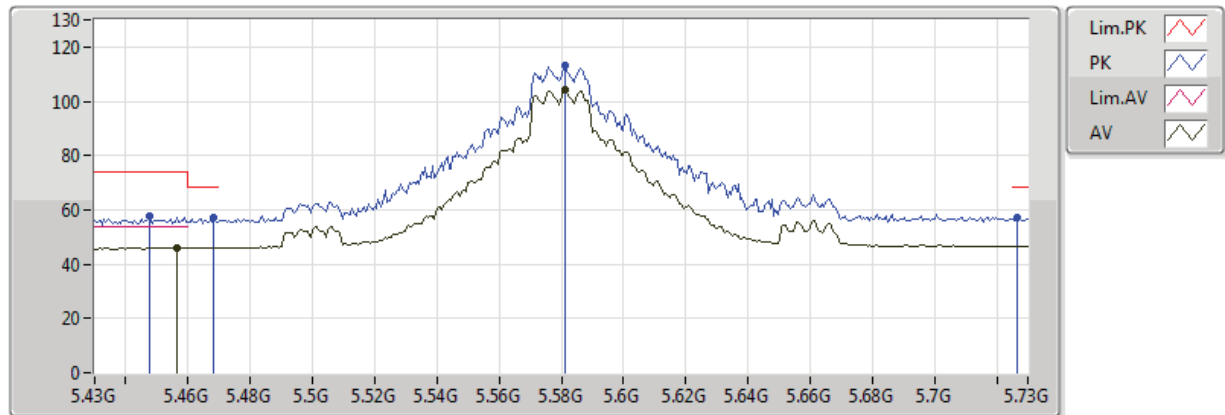


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11G	45.35	54.00	-8.65	14.46	3	H	0	1.50	-
PK	11G	57.52	74.00	-16.48	14.46	3	H	0	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

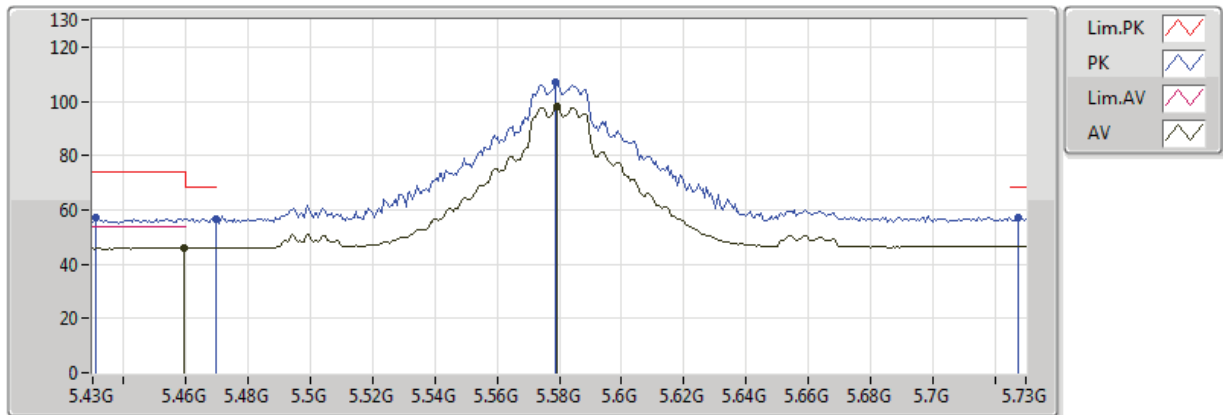


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4564G	46.10	54.00	-7.90	3.22	3	V	171	2.88	-
AV	5.5812G	104.28	Inf	-Inf	3.33	3	V	171	2.88	-
PK	5.4474G	57.50	74.00	-16.50	3.21	3	V	171	2.88	-
PK	5.4684G	57.17	68.20	-11.03	3.24	3	V	171	2.88	-
PK	5.5812G	113.04	Inf	-Inf	3.33	3	V	171	2.88	-
PK	5.7264G	57.10	68.20	-11.10	3.46	3	V	171	2.88	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

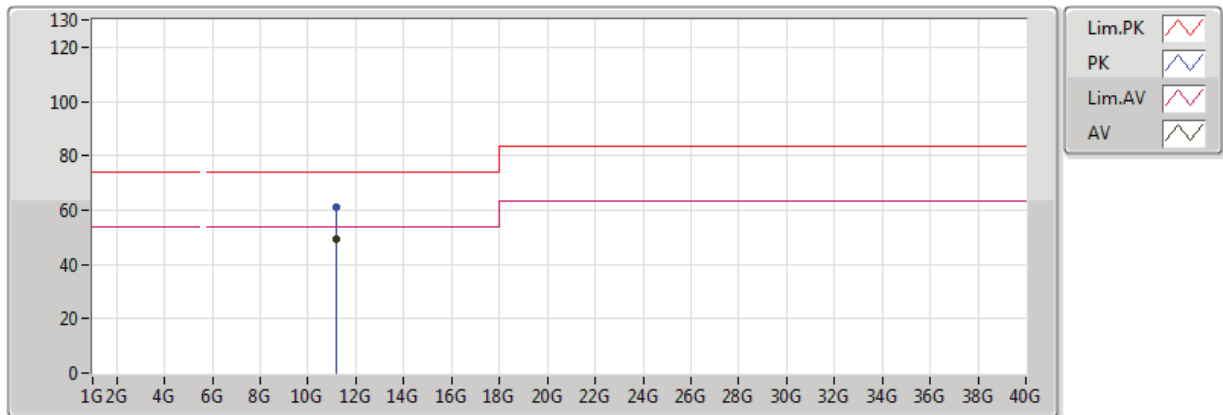


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4594G	46.03	54.00	-7.97	3.23	3	H	188	3.69	-
AV	5.5794G	98.29	Inf	-Inf	3.33	3	H	188	3.69	-
PK	5.4312G	56.99	74.00	-17.01	3.19	3	H	188	3.69	-
PK	5.4696G	56.76	68.20	-11.44	3.24	3	H	188	3.69	-
PK	5.5788G	106.77	Inf	-Inf	3.33	3	H	188	3.69	-
PK	5.7276G	57.08	68.20	-11.12	3.46	3	H	188	3.69	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

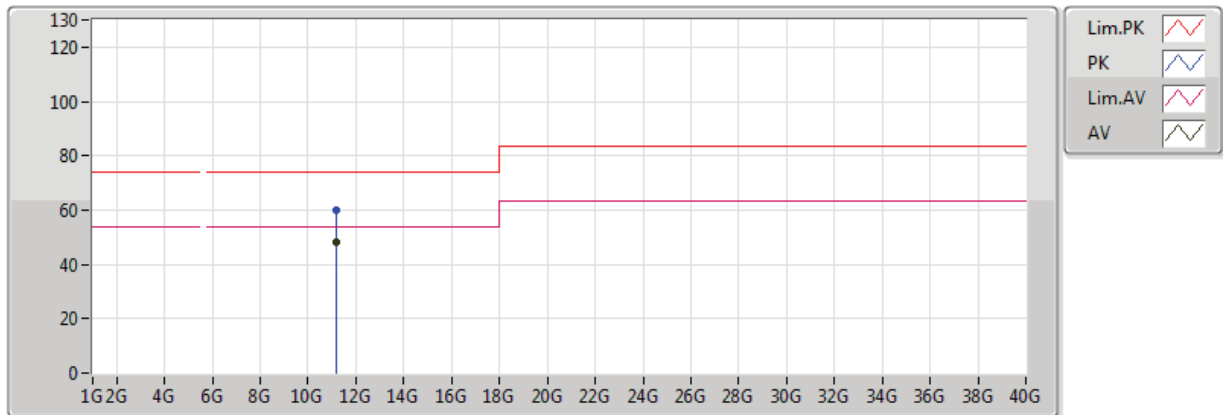


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16G	49.29	54.00	-4.71	14.19	3	V	207	1.01	-
PK	11.16G	61.27	74.00	-12.73	14.19	3	V	207	1.01	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

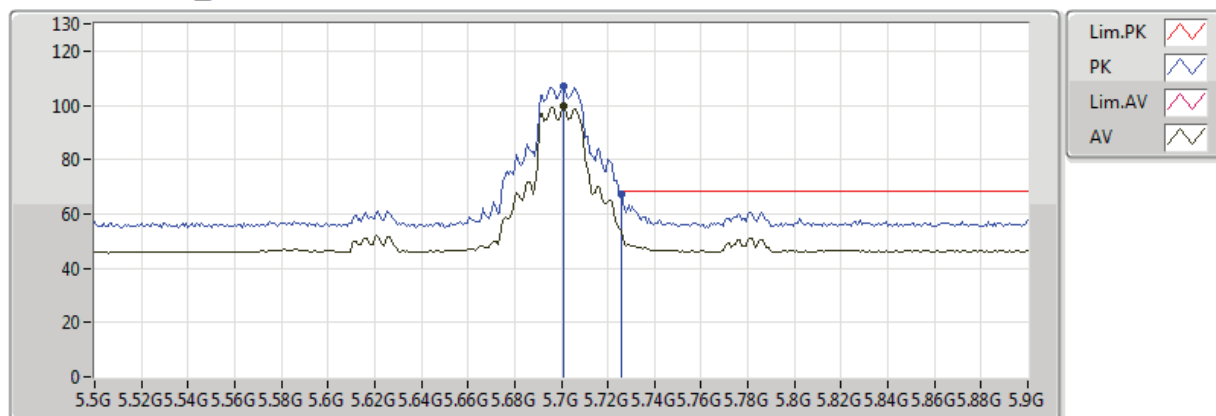


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16G	48.18	54.00	-5.82	14.19	3	H	153	3.62	-
PK	11.16G	60.13	74.00	-13.87	14.19	3	H	153	3.62	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

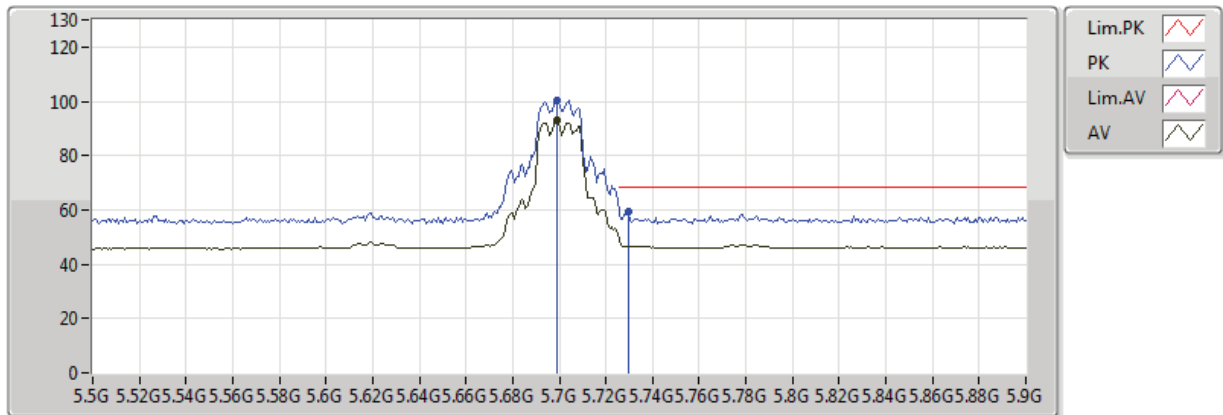


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7008G	99.68	Inf	-Inf	3.44	3	V	171	3.22	-
PK	5.7008G	107.13	Inf	-Inf	3.44	3	V	171	3.22	-
PK	5.7256G	67.27	68.20	-0.93	3.46	3	V	171	3.22	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

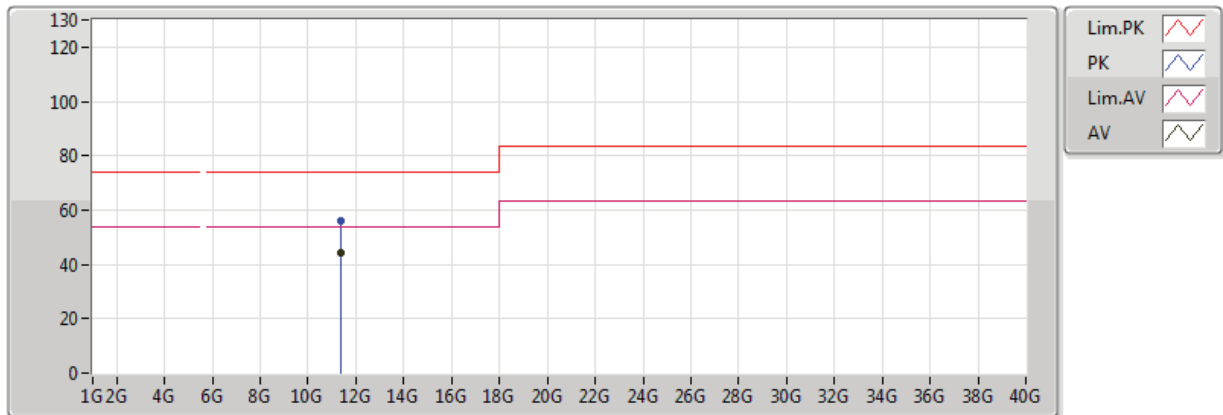


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6992G	92.78	Inf	-Inf	3.44	3	H	191	3.55	-
PK	5.6992G	100.21	Inf	-Inf	3.44	3	H	191	3.55	-
PK	5.7296G	59.60	68.20	-8.60	3.46	3	H	191	3.55	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

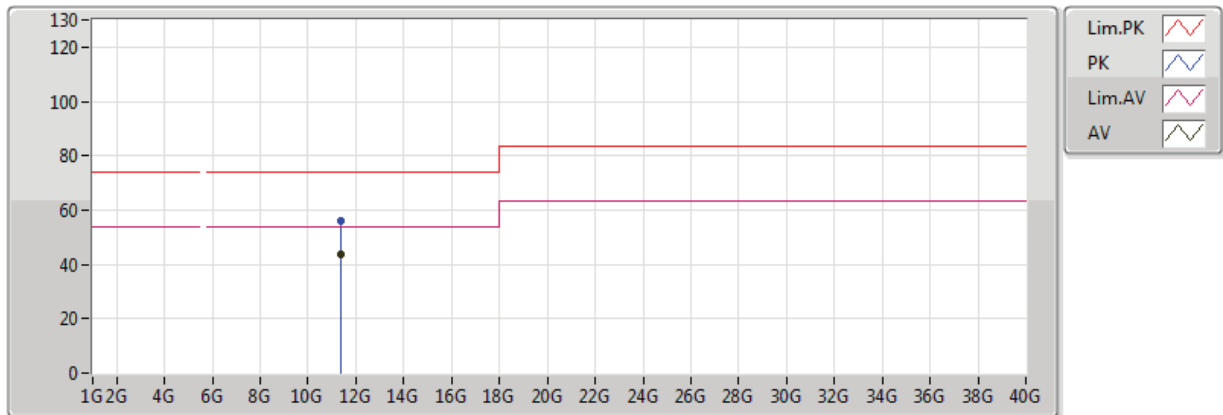


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	44.21	54.00	-9.79	13.78	3	V	0	1.50	-
PK	11.4G	55.80	74.00	-18.20	13.78	3	V	0	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

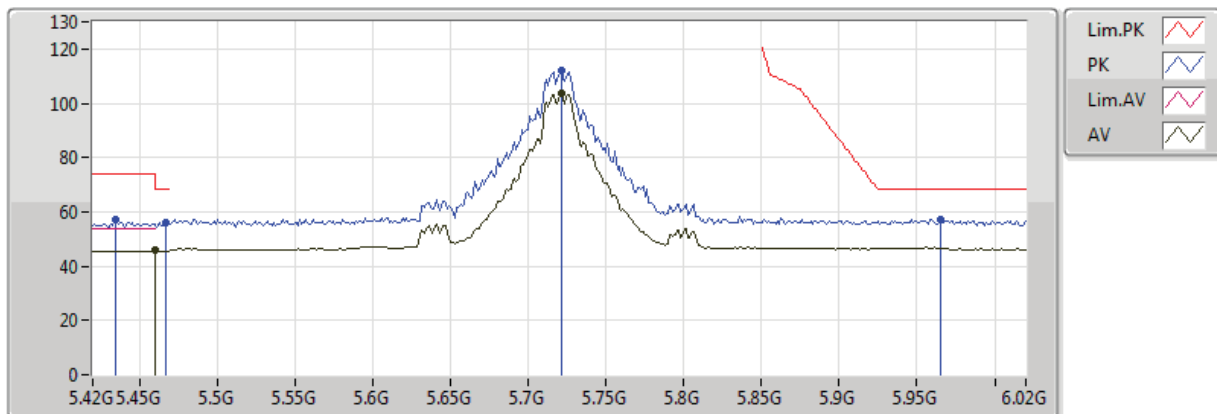


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4G	43.95	54.00	-10.05	13.78	3	H	360	1.50	-
PK	11.4G	55.94	74.00	-18.06	13.78	3	H	360	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

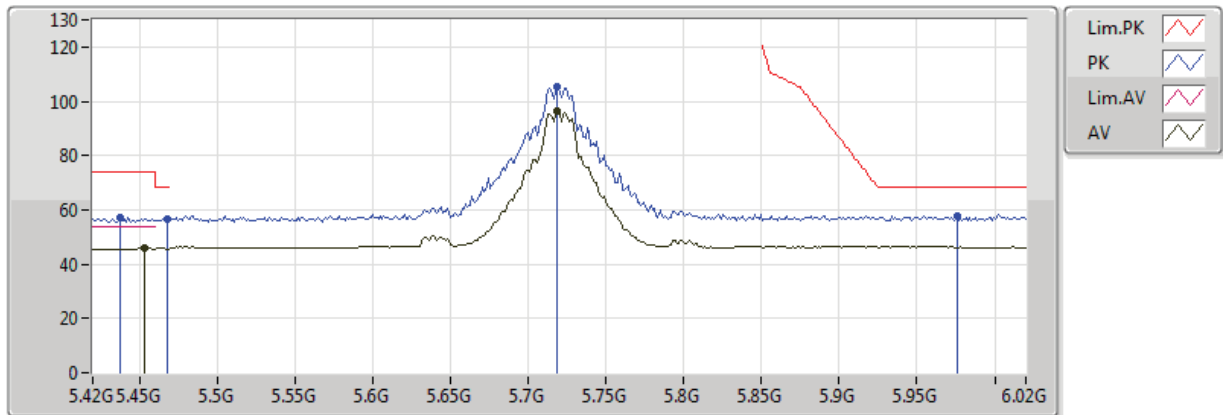


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.45995G	45.71	54.00	-8.29	3.23	3	V	171	3.06	-
AV	5.7212G	103.62	Inf	-Inf	3.45	3	V	171	3.06	-
PK	5.4344G	56.96	74.00	-17.04	3.20	3	V	171	3.06	-
PK	5.4668G	56.30	68.20	-11.90	3.23	3	V	171	3.06	-
PK	5.7212G	112.26	Inf	-Inf	3.45	3	V	171	3.06	-
PK	5.9648G	57.11	68.20	-11.09	3.65	3	V	171	3.06	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

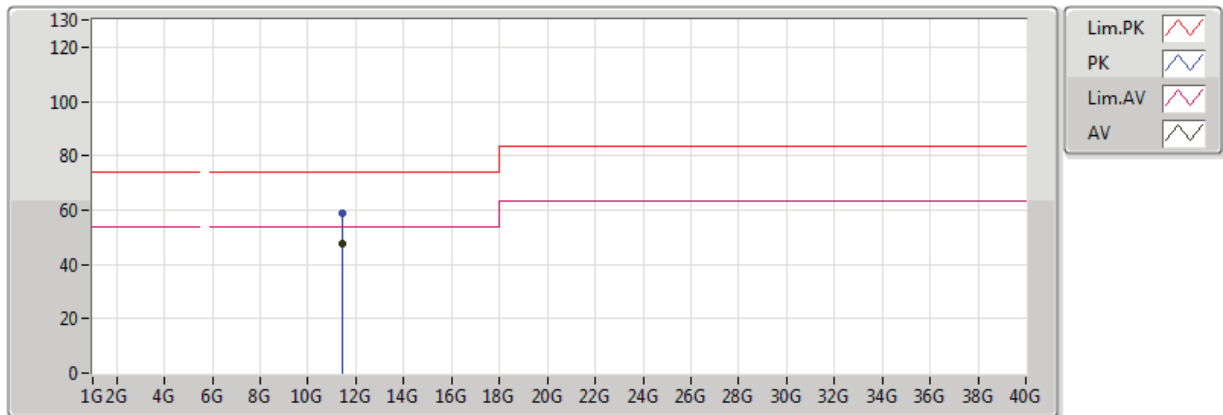


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4536G	45.84	54.00	-8.16	3.22	3	H	190	3.69	-
AV	5.7188G	96.43	Inf	-Inf	3.45	3	H	190	3.69	-
PK	5.438G	56.92	74.00	-17.08	3.20	3	H	190	3.69	-
PK	5.468G	56.69	68.20	-11.51	3.23	3	H	190	3.69	-
PK	5.7188G	105.38	Inf	-Inf	3.45	3	H	190	3.69	-
PK	5.9756G	57.76	68.20	-10.44	3.66	3	H	190	3.69	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

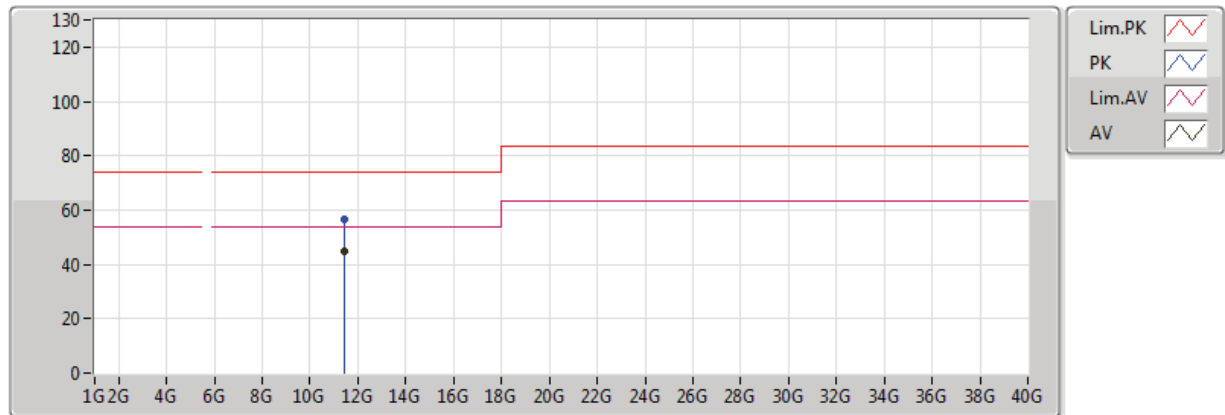


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.44G	47.88	54.00	-6.12	13.71	3	V	30	2.11	-
PK	11.44G	59.02	74.00	-14.98	13.71	3	V	30	2.11	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5720MHz Straddle 5.47-5.725GHz_TX

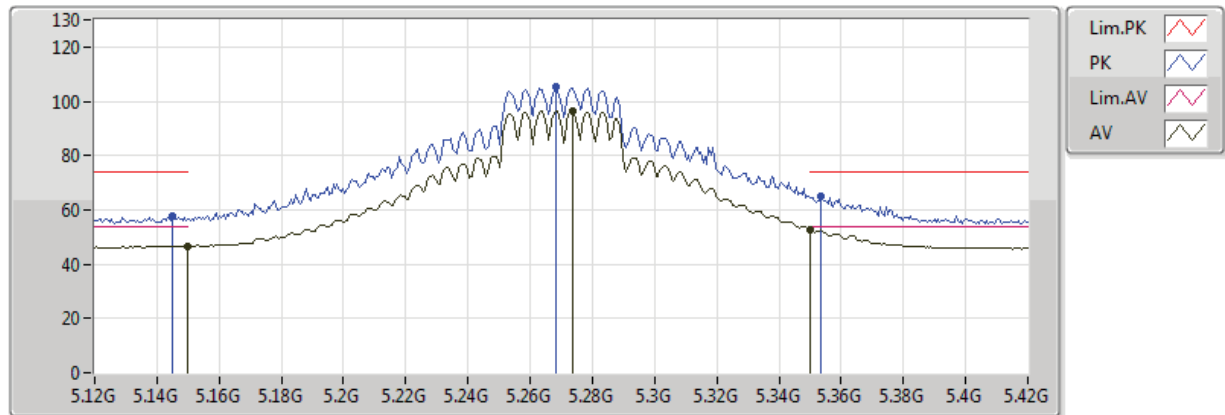


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.44G	44.91	54.00	-9.09	13.71	3	H	0	1.50	-
PK	11.44G	56.43	74.00	-17.57	13.71	3	H	0	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

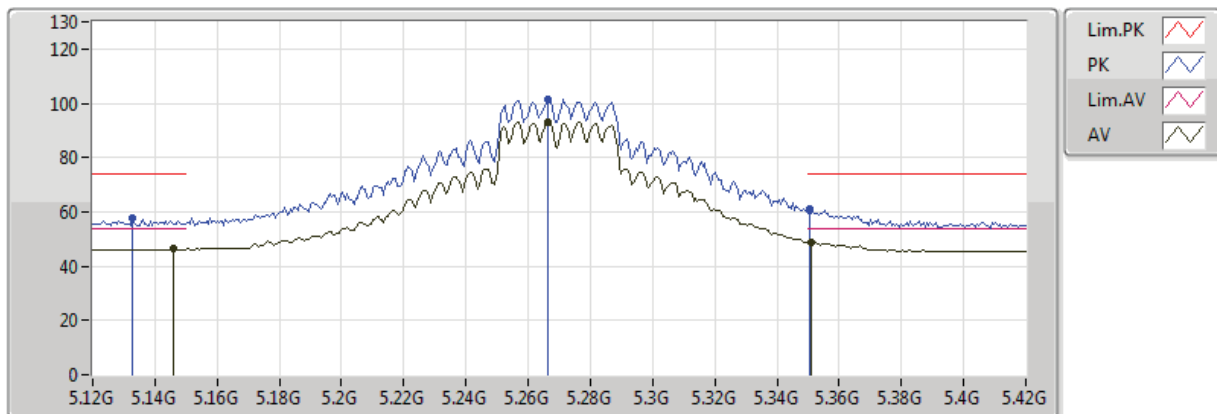


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	46.58	54.00	-7.42	2.90	3	V	159	2.40	-
AV	5.2736G	96.61	Inf	-Inf	3.03	3	V	159	2.40	-
AV	5.350005G	52.78	54.00	-1.22	3.11	3	V	159	2.40	-
PK	5.1452G	57.72	74.00	-16.28	2.90	3	V	159	2.40	-
PK	5.2682G	105.11	Inf	-Inf	3.03	3	V	159	2.40	-
PK	5.3534G	65.11	74.00	-8.89	3.11	3	V	159	2.40	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

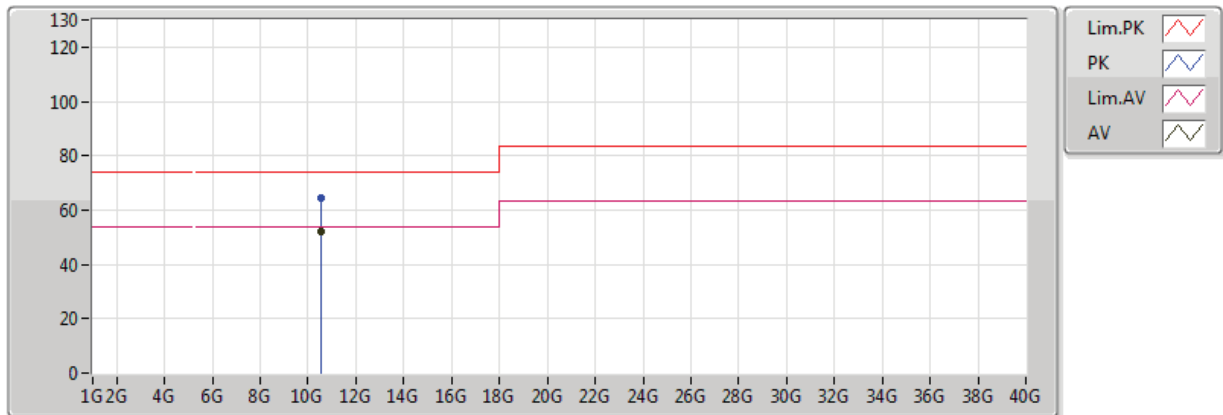


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1458G	46.24	54.00	-7.76	2.90	3	H	215	2.69	-
AV	5.2664G	93.09	Inf	-Inf	3.02	3	H	215	2.69	-
AV	5.351G	48.88	54.00	-5.12	3.11	3	H	215	2.69	-
PK	5.1326G	57.68	74.00	-16.32	2.88	3	H	215	2.69	-
PK	5.2664G	101.19	Inf	-Inf	3.02	3	H	215	2.69	-
PK	5.3504G	60.80	74.00	-13.20	3.11	3	H	215	2.69	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

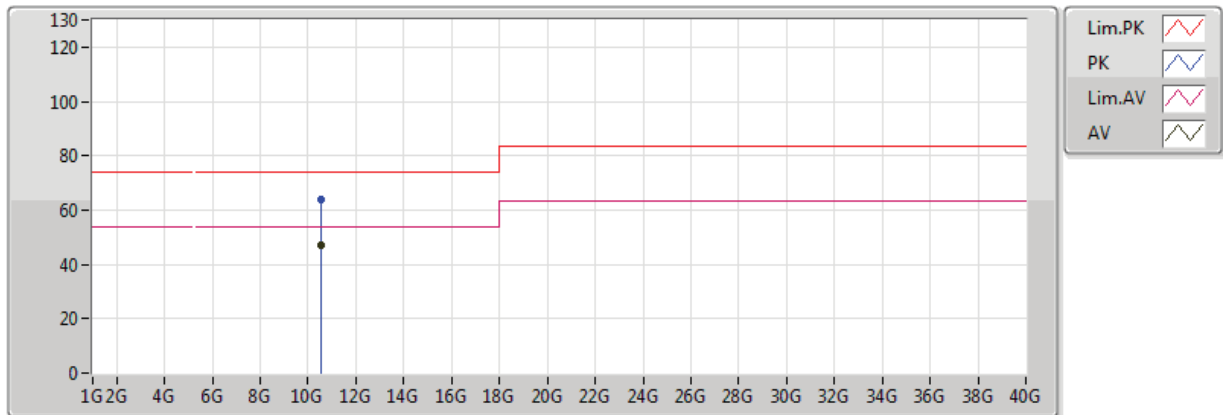


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.54G	51.95	54.00	-2.05	13.25	3	V	252	3.07	-
PK	10.54G	64.53	74.00	-9.47	13.25	3	V	252	3.07	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

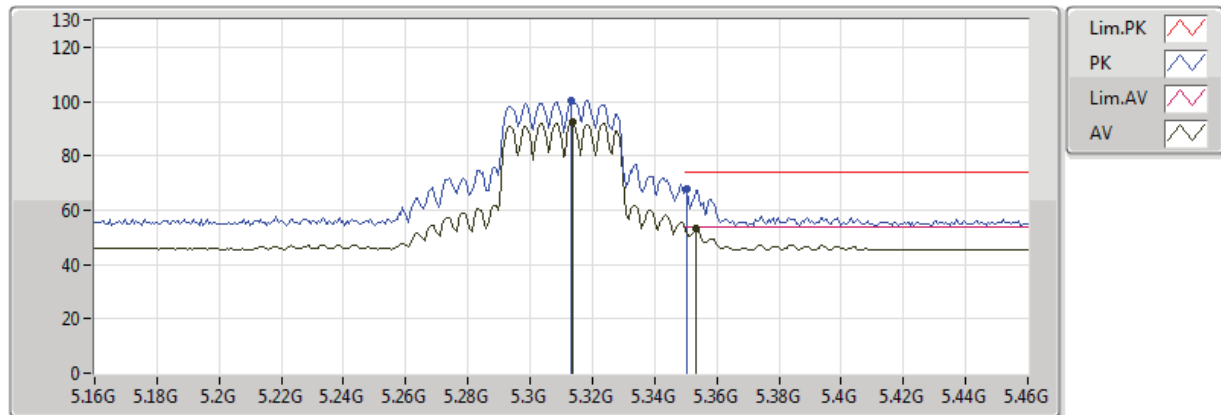


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.54G	47.32	54.00	-6.68	13.25	3	H	68	1.50	-
PK	10.54G	63.97	74.00	-10.03	13.25	3	H	68	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

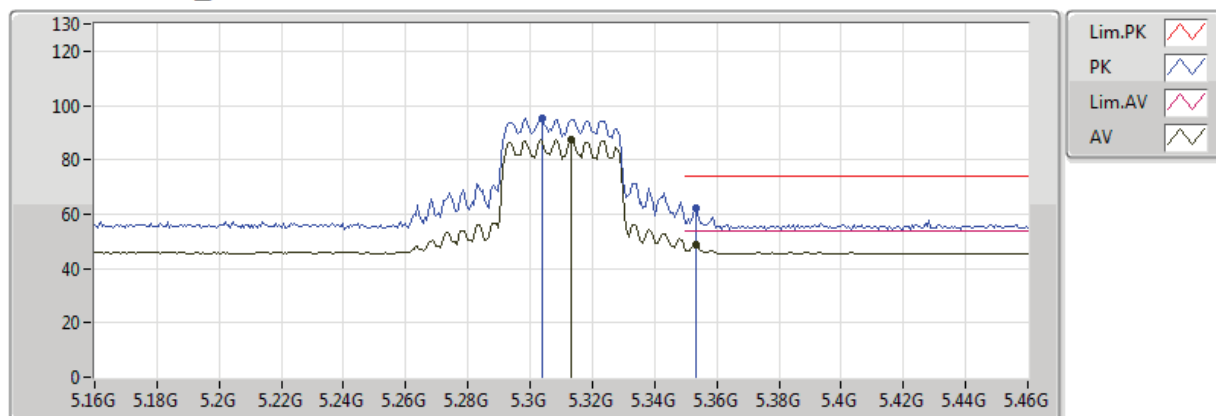


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3136G	92.39	Inf	-Inf	3.07	3	V	159	2.20	-
AV	5.3532G	53.06	54.00	-0.94	3.11	3	V	159	2.20	-
PK	5.313G	100.55	Inf	-Inf	3.07	3	V	159	2.20	-
PK	5.3502G	67.96	74.00	-6.04	3.11	3	V	159	2.20	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

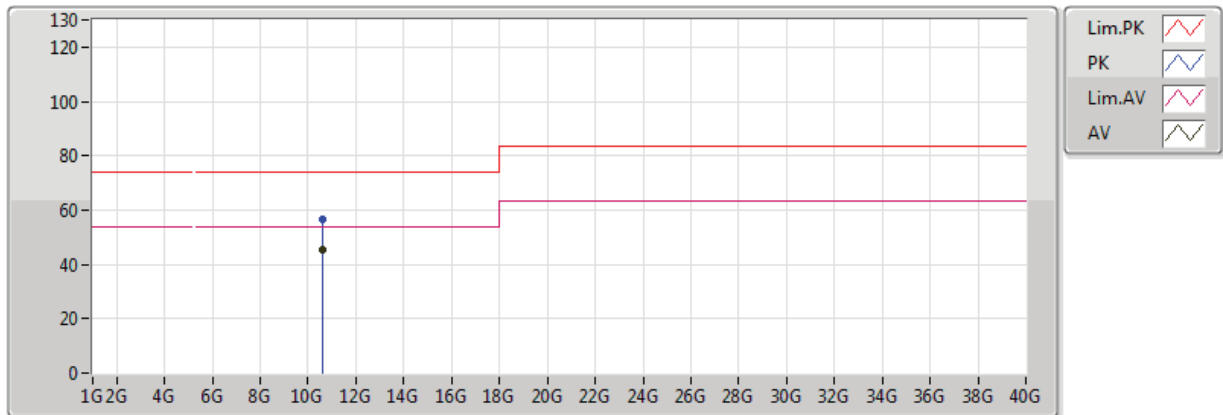


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.313G	87.31	Inf	-Inf	3.07	3	H	206	1.03	-
AV	5.3532G	48.83	54.00	-5.17	3.11	3	H	206	1.03	-
PK	5.304G	95.31	Inf	-Inf	3.06	3	H	206	1.03	-
PK	5.3532G	62.04	74.00	-11.96	3.11	3	H	206	1.03	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

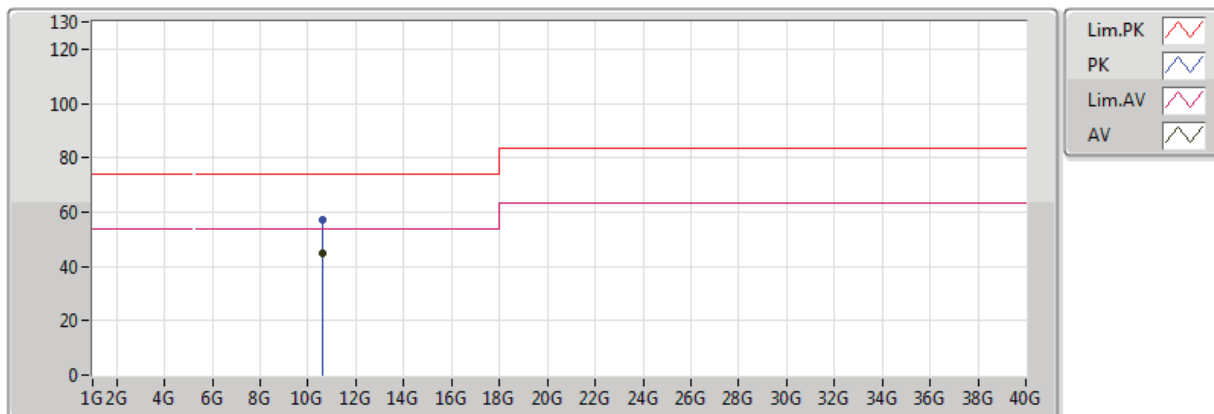


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62G	45.20	54.00	-8.80	13.46	3	V	360	1.50	-
PK	10.62G	56.41	74.00	-17.59	13.46	3	V	360	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

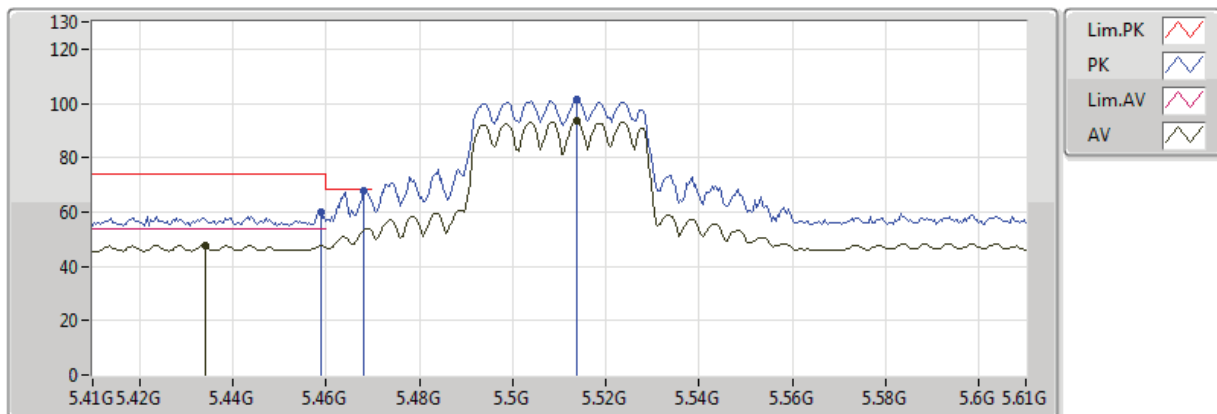


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62G	44.91	54.00	-9.09	13.46	3	H	0	1.50	-
PK	10.62G	56.89	74.00	-17.11	13.46	3	H	0	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

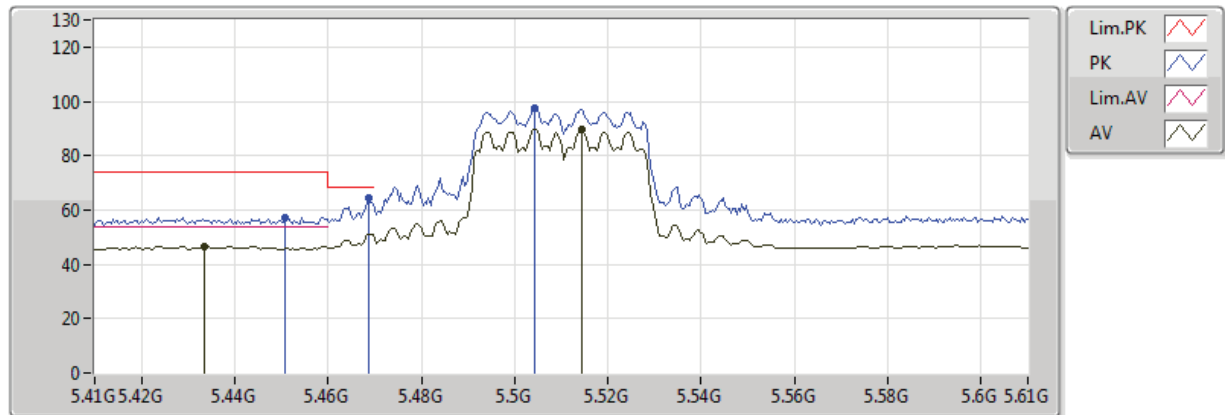


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.434G	47.80	54.00	-6.20	3.20	3	V	190	2.46	-
AV	5.5136G	93.44	Inf	-Inf	3.28	3	V	190	2.46	-
PK	5.4588G	60.16	74.00	-13.84	3.22	3	V	190	2.46	-
PK	5.468G	67.85	68.20	-0.35	3.23	3	V	190	2.46	-
PK	5.5136G	101.38	Inf	-Inf	3.28	3	V	190	2.46	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

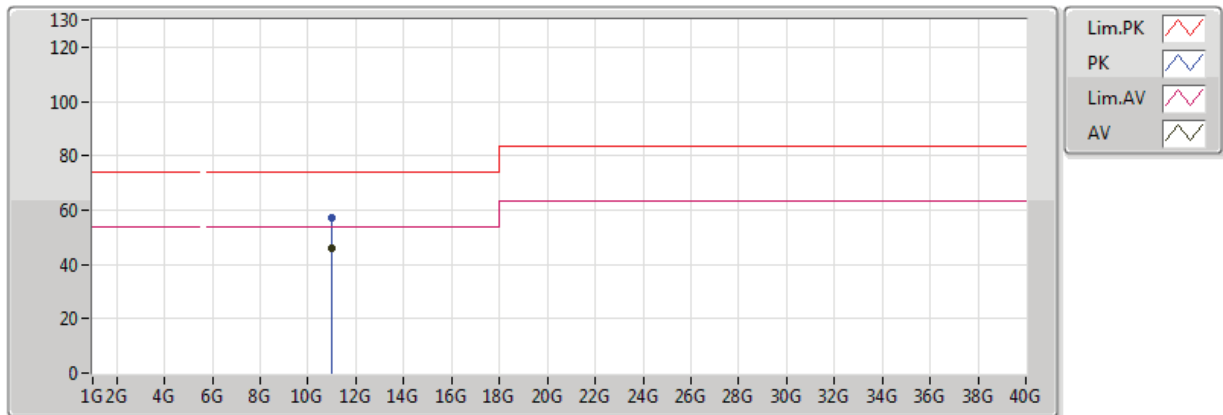


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4336G	46.63	54.00	-7.37	3.20	3	H	190	3.64	-
AV	5.5144G	89.52	Inf	-Inf	3.28	3	H	190	3.64	-
PK	5.4508G	57.34	74.00	-16.66	3.22	3	H	190	3.64	-
PK	5.4688G	64.57	68.20	-3.63	3.24	3	H	190	3.64	-
PK	5.5044G	97.47	Inf	-Inf	3.27	3	H	190	3.64	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

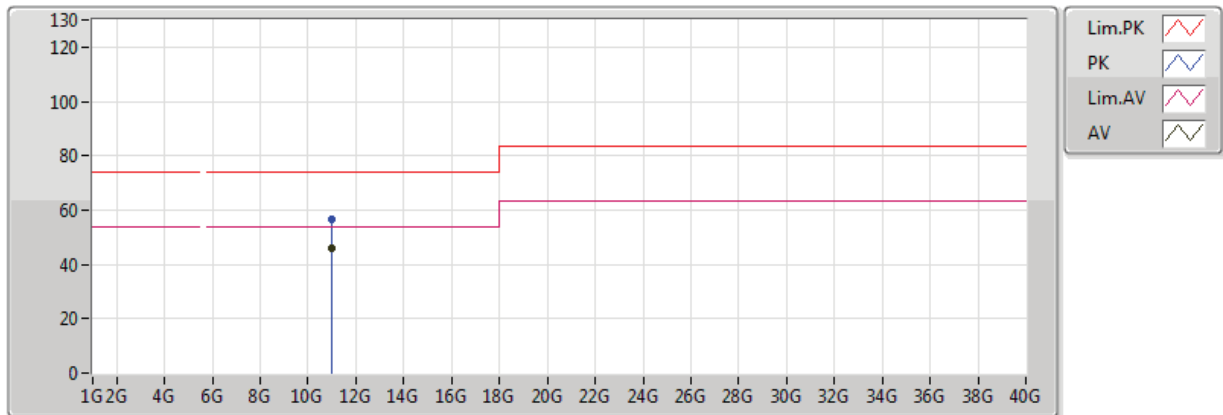


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.02G	46.04	54.00	-7.96	14.43	3	V	0	1.50	-
PK	11.02G	57.22	74.00	-16.78	14.43	3	V	0	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

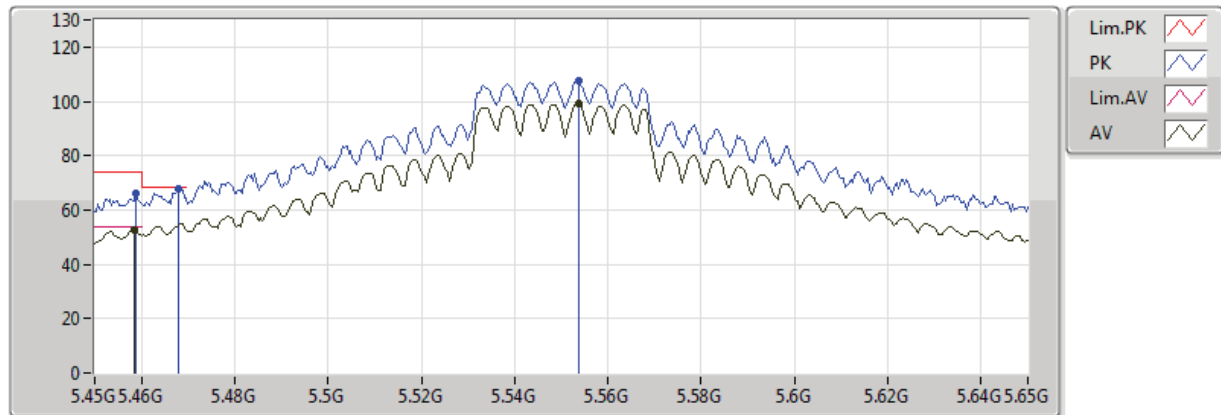


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.02G	46.07	54.00	-7.93	14.43	3	H	360	1.50	-
PK	11.02G	56.81	74.00	-17.19	14.43	3	H	360	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

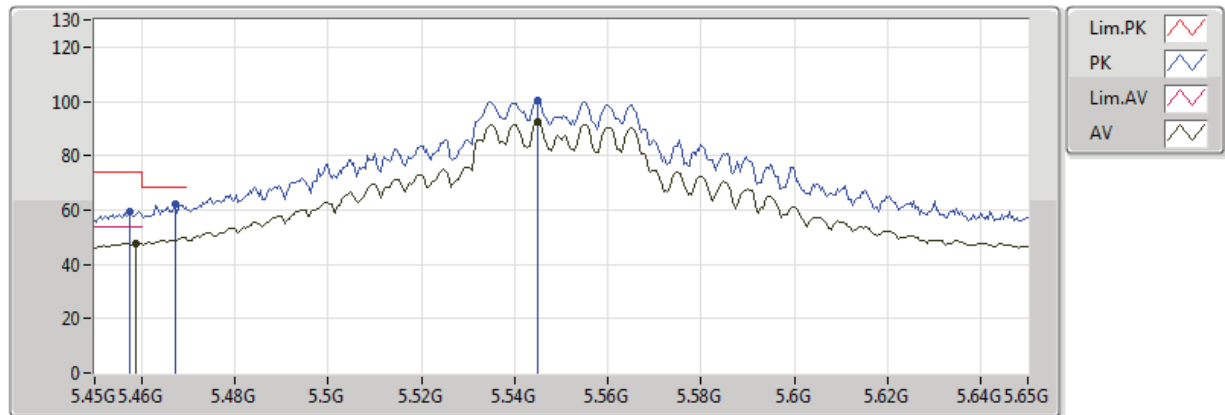


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	52.65	54.00	-1.35	3.22	3	V	186	2.61	-
AV	5.5536G	99.21	Inf	-Inf	3.31	3	V	186	2.61	-
PK	5.4588G	66.28	74.00	-7.72	3.22	3	V	186	2.61	-
PK	5.468G	67.59	68.20	-0.61	3.23	3	V	186	2.61	-
PK	5.5536G	107.60	Inf	-Inf	3.31	3	V	186	2.61	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

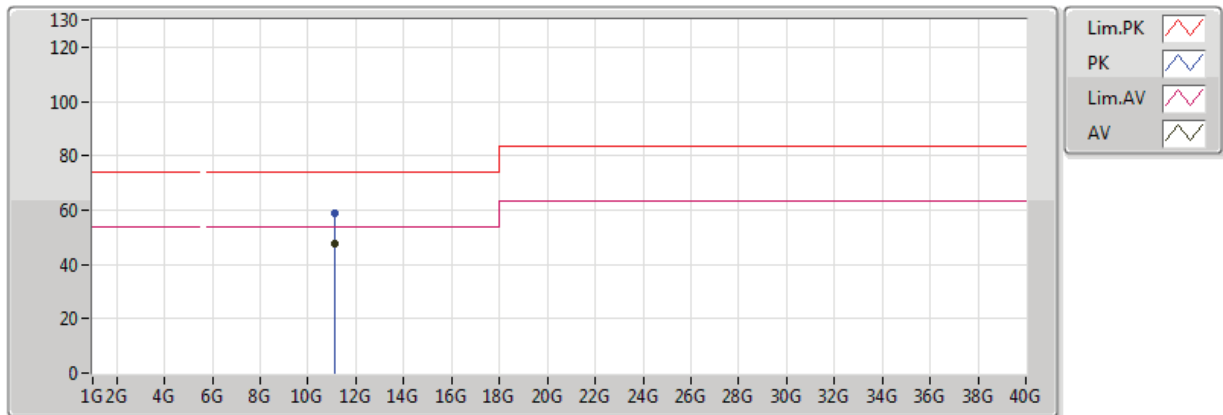


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4588G	47.79	54.00	-6.21	3.22	3	H	211	2.50	-
AV	5.5448G	92.28	Inf	-Inf	3.31	3	H	211	2.50	-
PK	5.4576G	59.29	74.00	-14.71	3.22	3	H	211	2.50	-
PK	5.4672G	62.33	68.20	-5.87	3.23	3	H	211	2.50	-
PK	5.5448G	100.26	Inf	-Inf	3.31	3	H	211	2.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

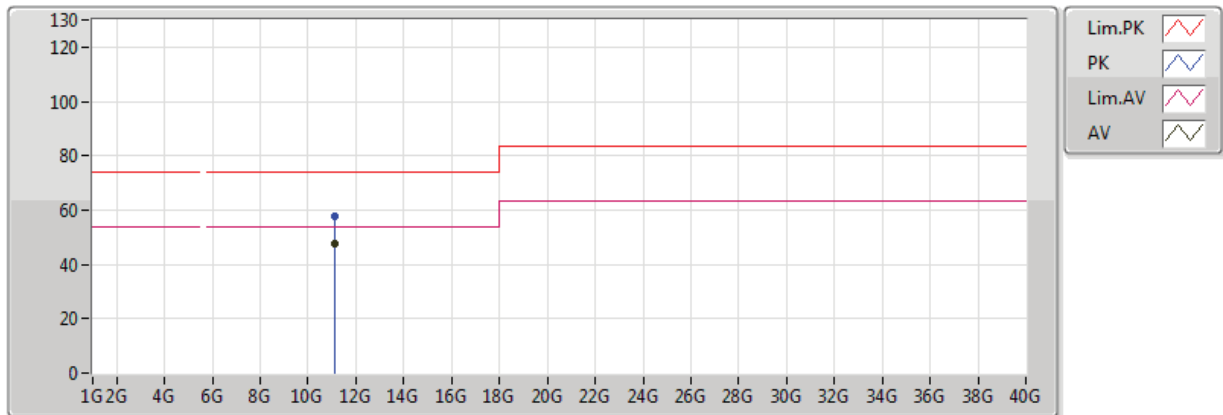
5550MHz_TX



Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1G	47.84	54.00	-6.16	14.29	3	V	80	1.74	-
PK	11.1G	58.98	74.00	-15.02	14.29	3	V	80	1.74	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

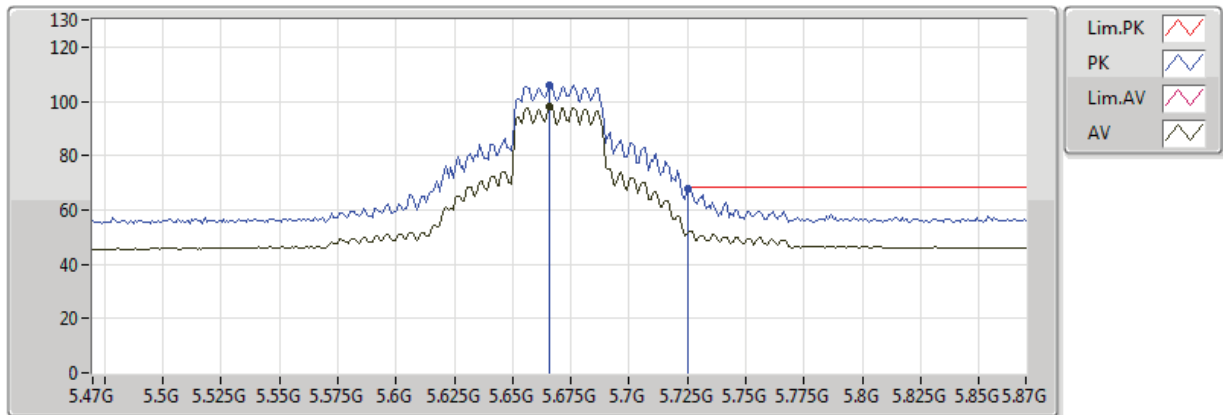


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.1G	47.43	54.00	-6.57	14.29	3	H	0	1.50	-
PK	11.1G	57.91	74.00	-16.09	14.29	3	H	0	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

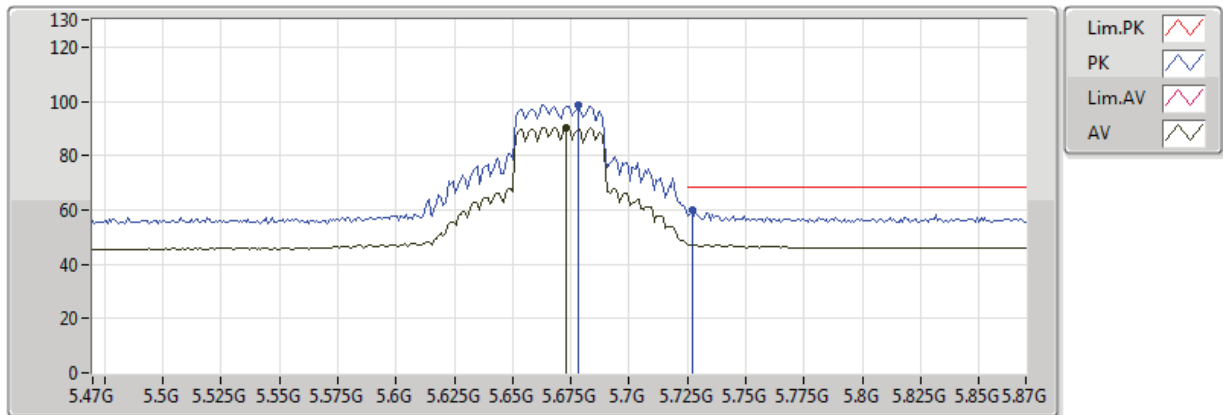


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.666G	98.02	Inf	-Inf	3.41	3	V	168	2.67	-
PK	5.666G	105.90	Inf	-Inf	3.41	3	V	168	2.67	-
PK	5.725G	67.88	68.20	-0.32	3.46	3	V	168	2.67	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

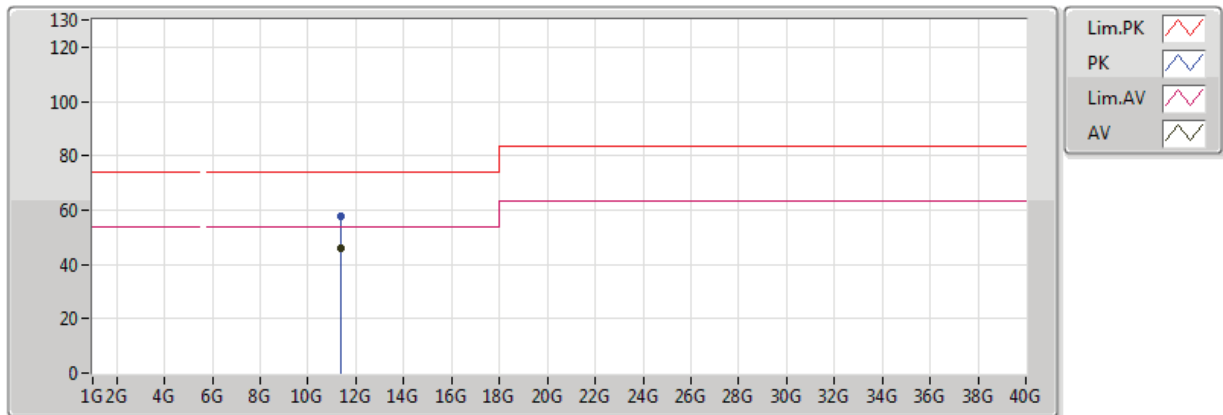


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6732G	90.44	Inf	-Inf	3.42	3	H	191	3.58	-
PK	5.678G	98.66	Inf	-Inf	3.42	3	H	191	3.58	-
PK	5.7268G	59.78	68.20	-8.42	3.46	3	H	191	3.58	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

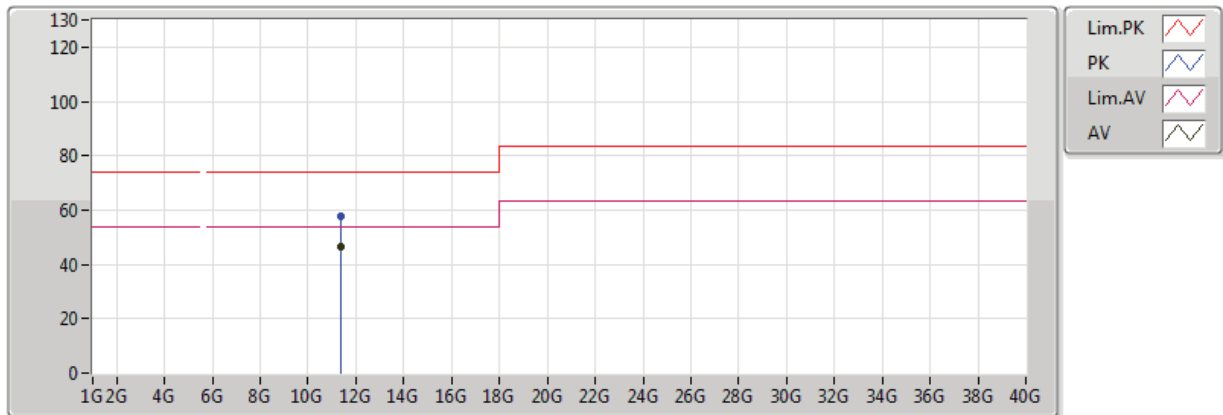


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34G	46.11	54.00	-7.89	13.88	3	V	41	1.07	-
PK	11.34G	57.48	74.00	-17.92	13.88	3	V	41	1.07	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

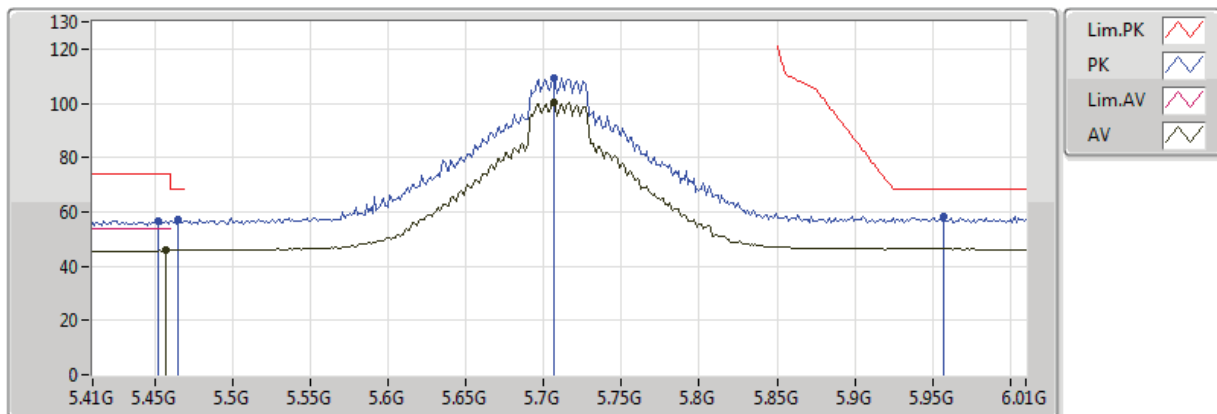


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34G	46.71	54.00	-7.29	13.88	3	H	360	1.50	-
PK	11.34G	57.64	74.00	-16.36	13.88	3	H	360	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

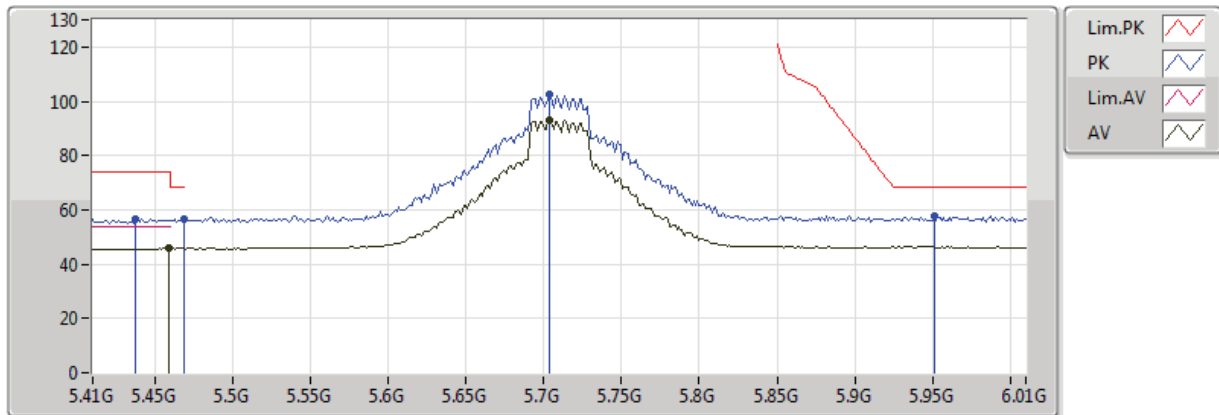


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4568G	45.82	54.00	-8.18	3.22	3	V	167	2.77	-
AV	5.7064G	109.34	Inf	-Inf	3.44	3	V	167	2.77	-
PK	5.452G	56.86	74.00	-17.14	3.22	3	V	167	2.77	-
PK	5.4652G	57.03	68.20	-11.17	3.23	3	V	167	2.77	-
PK	5.7064G	109.17	Inf	-Inf	3.44	3	V	167	2.77	-
PK	5.9572G	58.40	68.20	-9.80	3.65	3	V	167	2.77	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

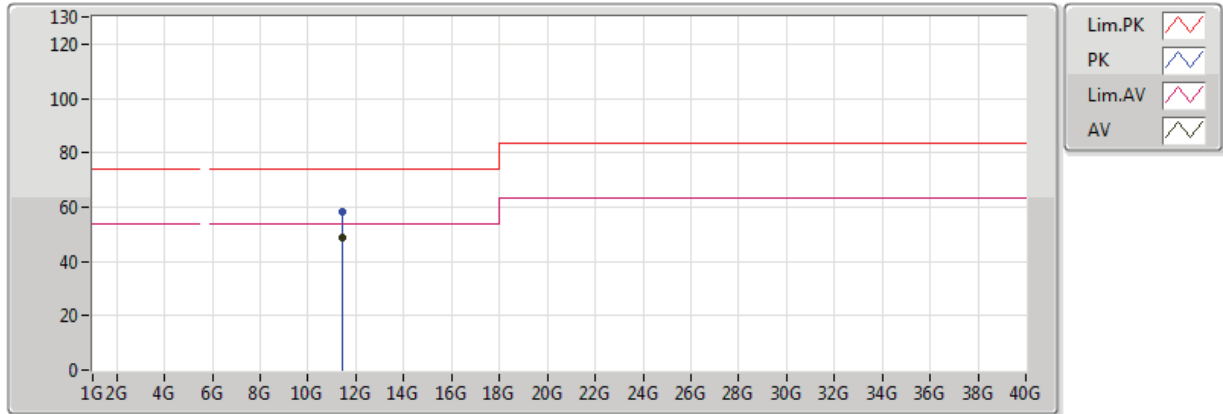


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4592G	45.97	54.00	-8.03	3.23	3	H	187	3.54	-
AV	5.704G	93.06	Inf	-Inf	3.44	3	H	187	3.54	-
PK	5.4376G	56.61	74.00	-17.39	3.20	3	H	187	3.54	-
PK	5.4688G	56.85	68.20	-11.35	3.24	3	H	187	3.54	-
PK	5.704G	102.33	Inf	-Inf	3.44	3	H	187	3.54	-
PK	5.9512G	57.52	68.20	-10.68	3.64	3	H	187	3.54	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

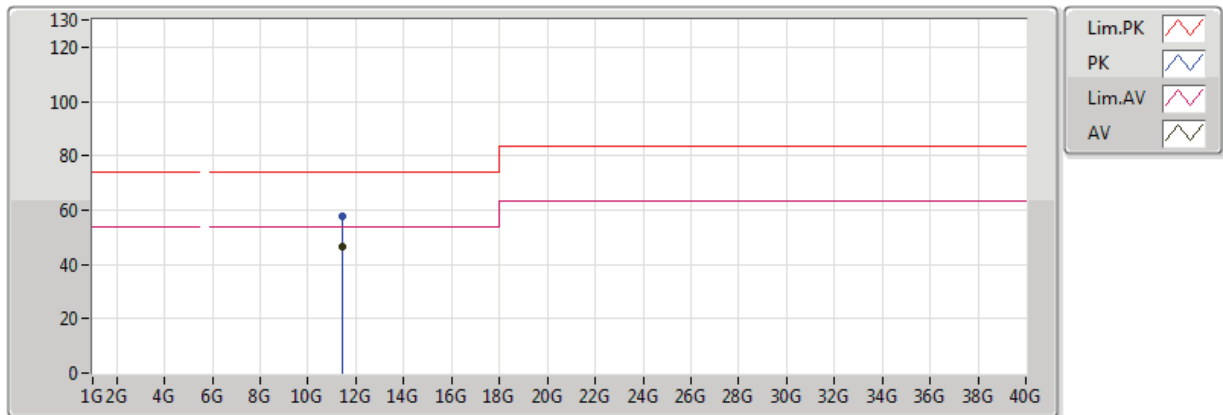


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.42G	48.88	54.00	-5.12	13.75	3	V	228	1.68	-
PK	11.42G	58.40	74.00	-15.60	13.75	3	V	228	1.68	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5710MHz Straddle 5.47-5.725GHz_TX

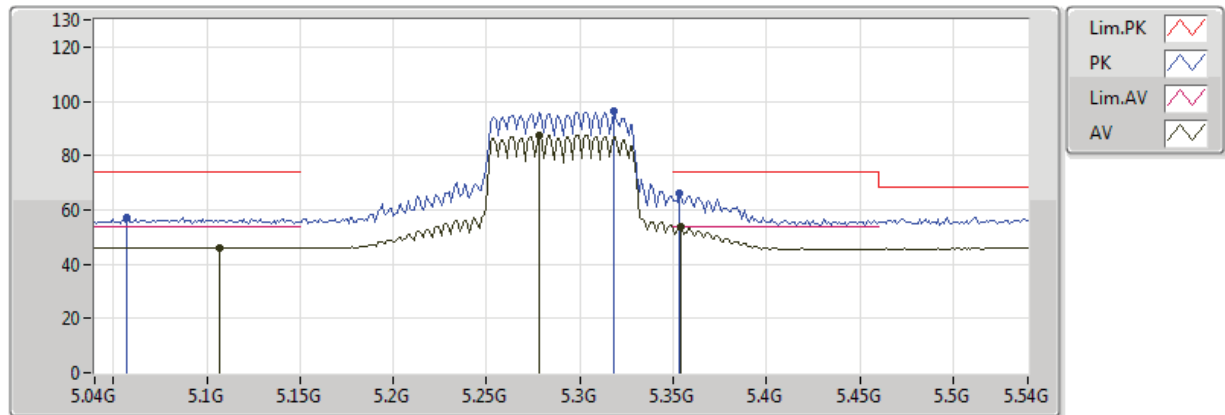


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.42G	46.60	54.00	-7.40	13.75	3	H	254	1.50	-
PK	11.42G	57.54	74.00	-16.46	13.75	3	H	254	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

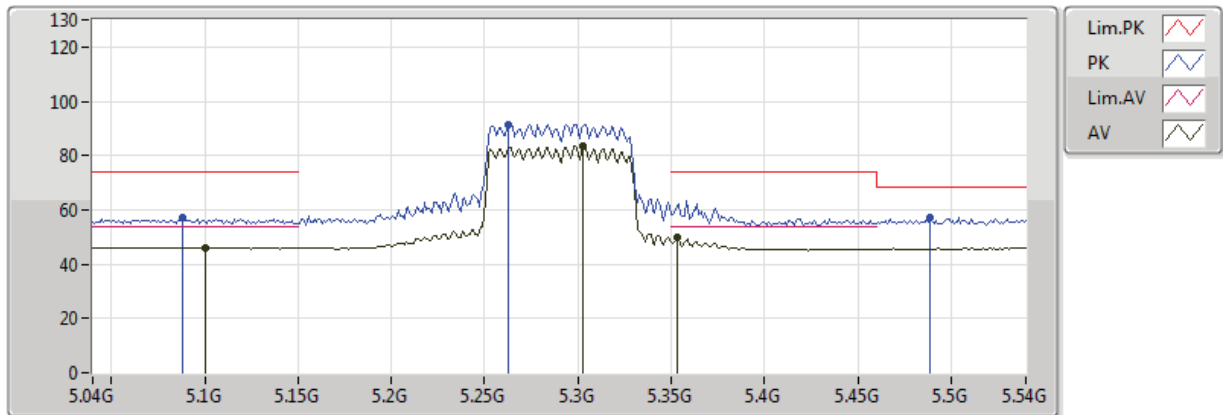


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.107G	46.16	54.00	-7.84	2.86	3	V	153	2.24	-
AV	5.278G	87.54	Inf	-Inf	3.04	3	V	153	2.24	-
AV	5.354G	53.90	54.00	-0.10	3.11	3	V	153	2.24	-
PK	5.057G	57.31	74.00	-16.69	2.80	3	V	153	2.24	-
PK	5.318G	96.13	Inf	-Inf	3.08	3	V	153	2.24	-
PK	5.353G	66.33	74.00	-7.67	3.11	3	V	153	2.24	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

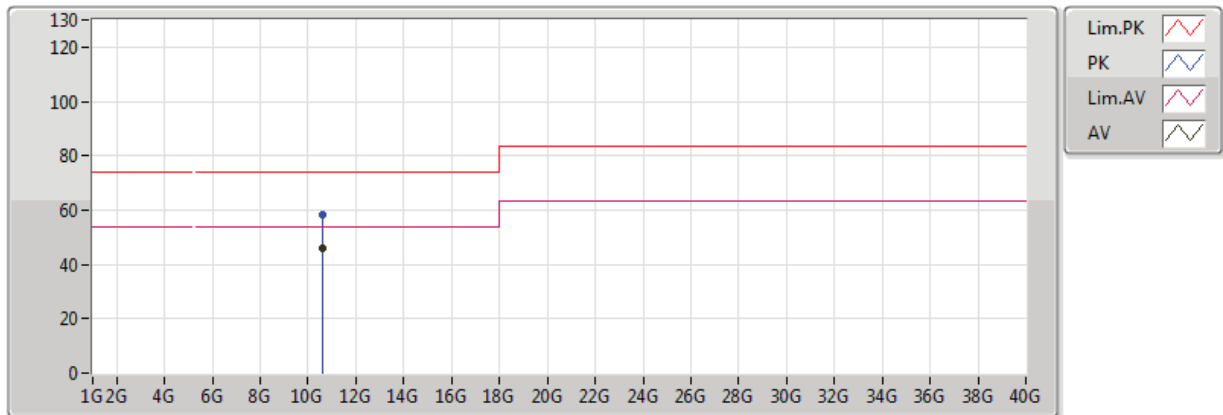


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1G	45.97	54.00	-8.03	2.85	3	H	199	1.01	-
AV	5.303G	83.23	Inf	-Inf	3.06	3	H	199	1.01	-
AV	5.353G	49.75	54.00	-4.25	3.11	3	H	199	1.01	-
PK	5.088G	57.16	74.00	-16.84	2.84	3	H	199	1.01	-
PK	5.263G	91.60	Inf	-Inf	3.02	3	H	199	1.01	-
PK	5.489G	57.39	68.20	-10.81	3.26	3	H	199	1.01	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

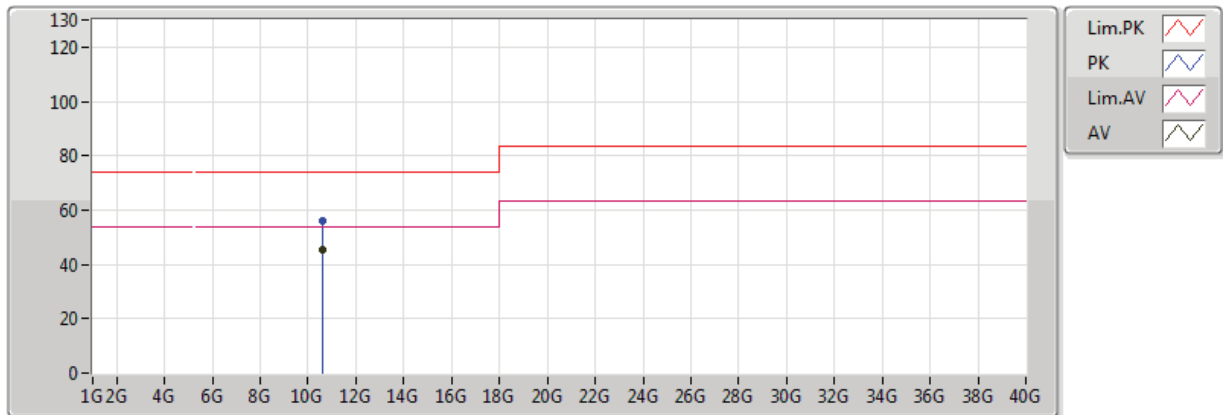


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.58G	46.18	54.00	-7.82	13.36	3	V	110	2.01	-
PK	10.58G	58.08	74.00	-15.92	13.36	3	V	110	2.01	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

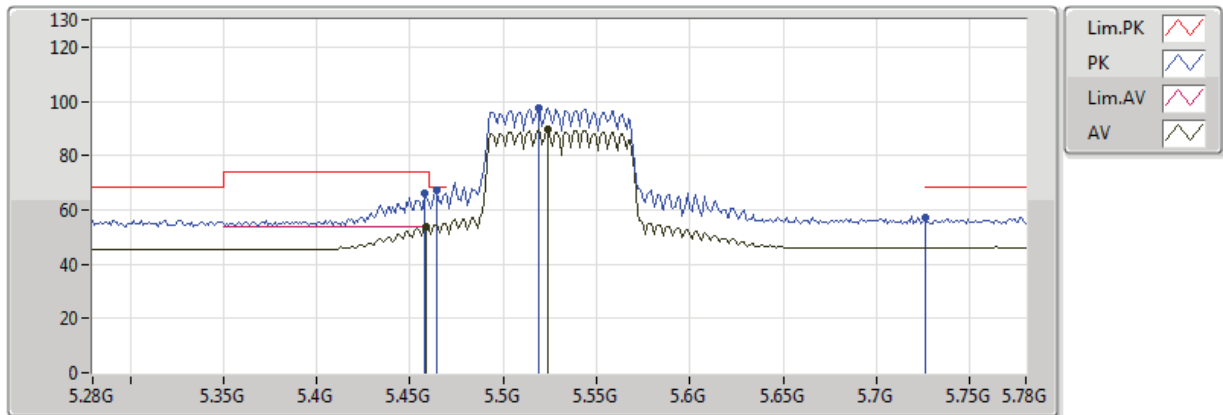


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.58G	45.17	54.00	-8.83	13.36	3	H	360	1.50	-
PK	10.58G	56.26	74.00	-17.74	13.36	3	H	360	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

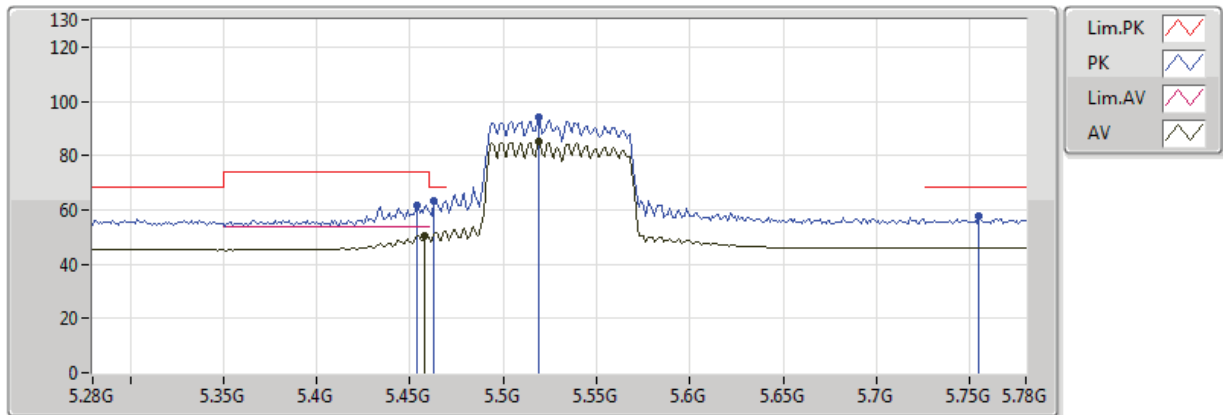


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459G	53.59	54.00	-0.41	3.22	3	V	182	2.50	-
AV	5.524G	89.49	Inf	-Inf	3.29	3	V	182	2.50	-
PK	5.458G	65.90	74.00	-8.10	3.22	3	V	182	2.50	-
PK	5.464G	67.48	68.20	-0.72	3.23	3	V	182	2.50	-
PK	5.519G	97.59	Inf	-Inf	3.29	3	V	182	2.50	-
PK	5.726G	57.05	68.20	-11.15	3.46	3	V	182	2.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

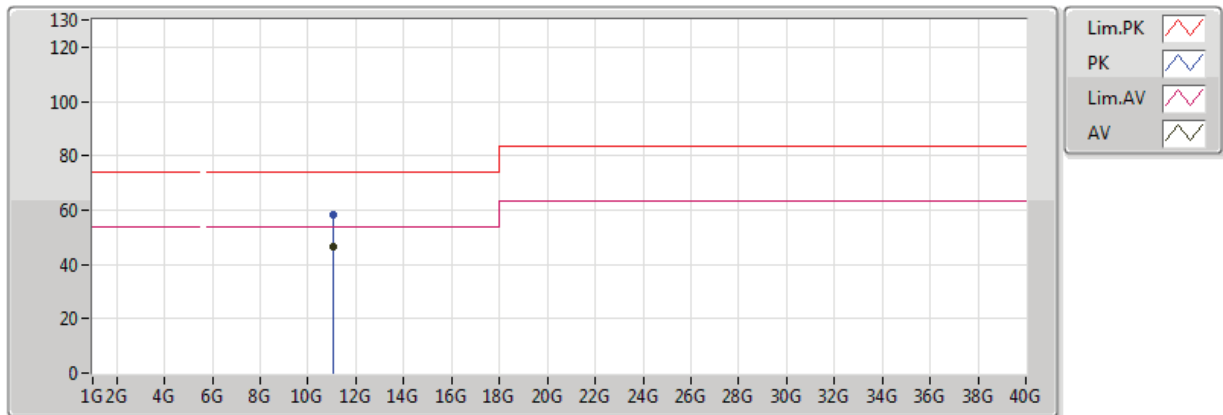


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	50.48	54.00	-3.52	3.22	3	H	186	3.62	-
AV	5.519G	85.23	Inf	-Inf	3.29	3	H	186	3.62	-
PK	5.454G	61.58	74.00	-12.42	3.22	3	H	186	3.62	-
PK	5.463G	63.27	68.20	-4.93	3.23	3	H	186	3.62	-
PK	5.519G	93.90	Inf	-Inf	3.29	3	H	186	3.62	-
PK	5.755G	57.79	68.20	-10.41	3.48	3	H	186	3.62	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

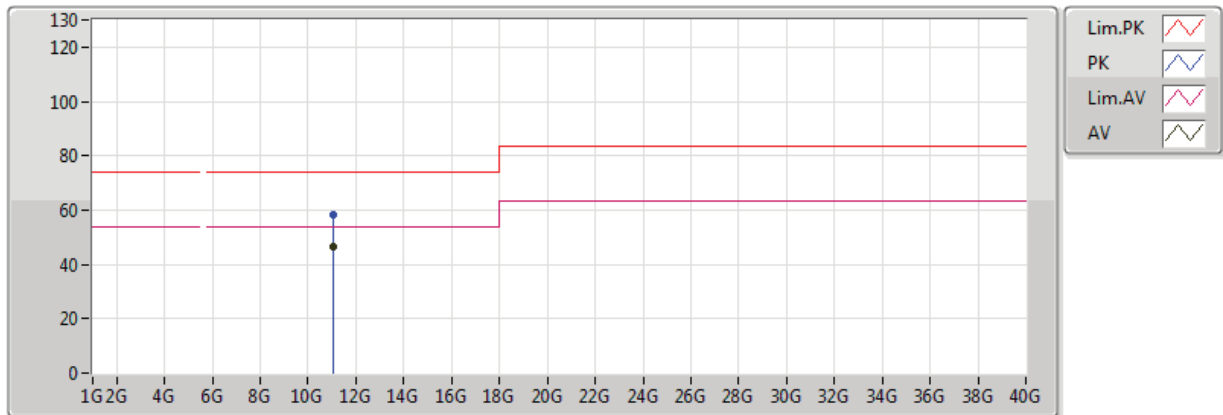


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.06G	46.78	54.00	-7.22	14.36	3	V	0	1.50	-
PK	11.06G	58.19	74.00	-15.81	14.36	3	V	0	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

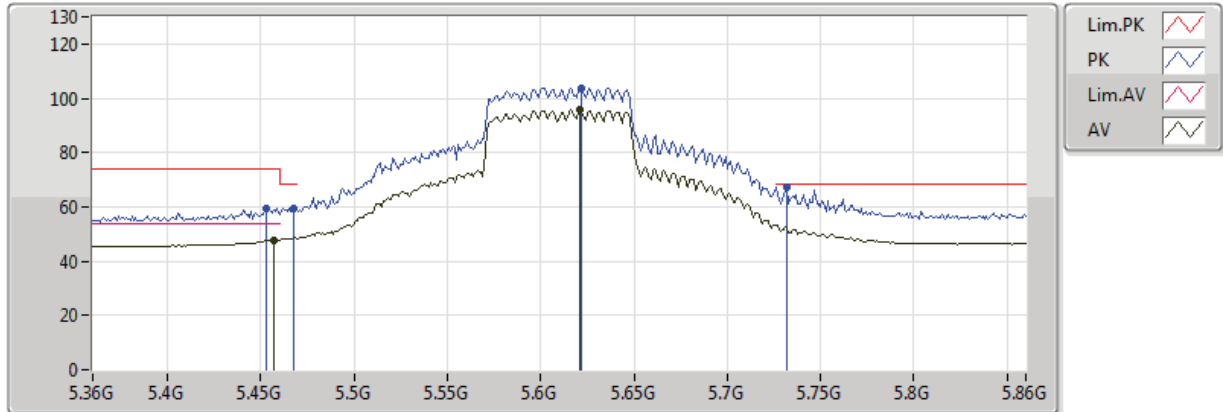


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.06G	46.74	54.00	-7.26	14.36	3	H	360	1.50	-
PK	11.06G	58.39	74.00	-15.61	14.36	3	H	360	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

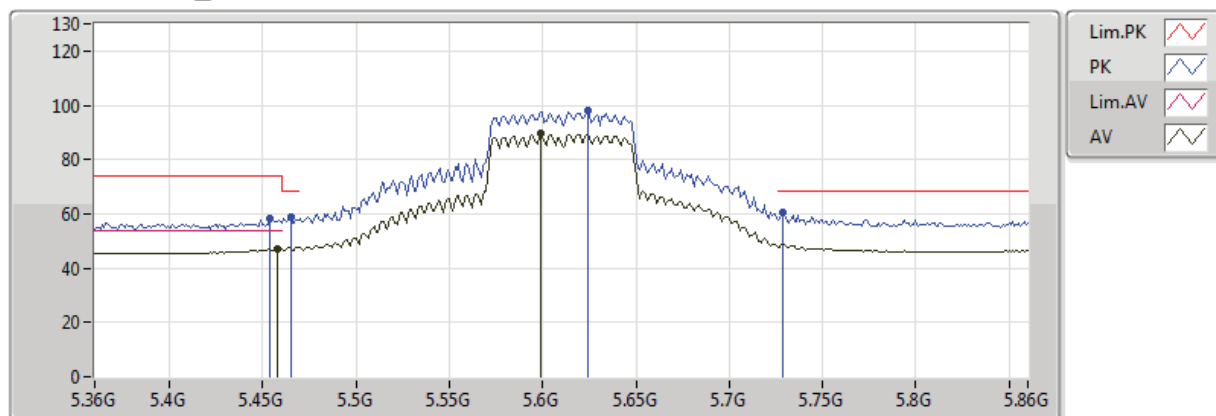


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.457G	47.82	54.00	-6.18	3.22	3	V	163	2.85	-
AV	5.621G	95.97	Inf	-Inf	3.37	3	V	163	2.85	-
PK	5.453G	59.57	74.00	-14.43	3.22	3	V	163	2.85	-
PK	5.468G	59.61	68.20	-8.59	3.23	3	V	163	2.85	-
PK	5.622G	103.93	Inf	-Inf	3.37	3	V	163	2.85	-
PK	5.732G	67.43	68.20	-0.77	3.46	3	V	163	2.85	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

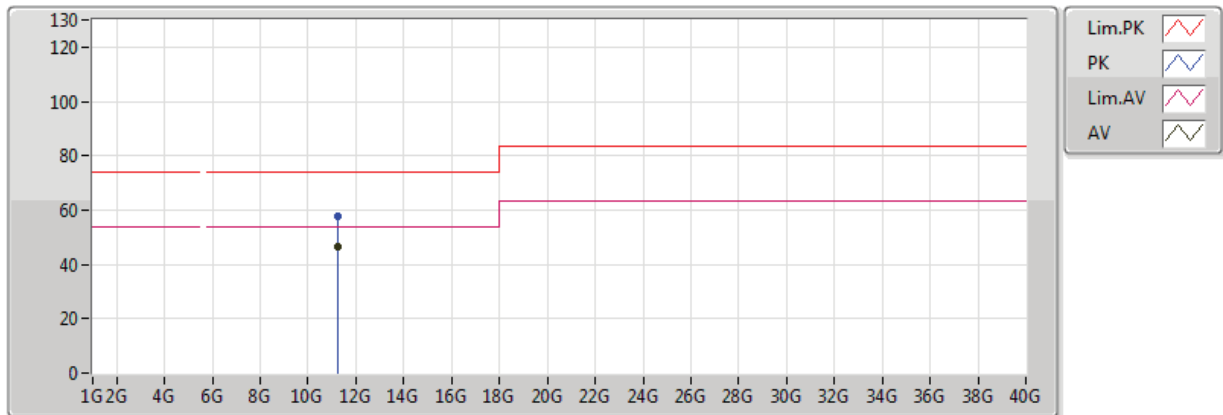


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.458G	47.26	54.00	-6.74	3.22	3	H	183	3.69	-
AV	5.599G	89.56	Inf	-Inf	3.35	3	H	183	3.69	-
PK	5.454G	58.27	74.00	-15.73	3.22	3	H	183	3.69	-
PK	5.465G	58.64	68.20	-9.56	3.23	3	H	183	3.69	-
PK	5.624G	98.02	Inf	-Inf	3.37	3	H	183	3.69	-
PK	5.729G	60.46	68.20	-7.74	3.46	3	H	183	3.69	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

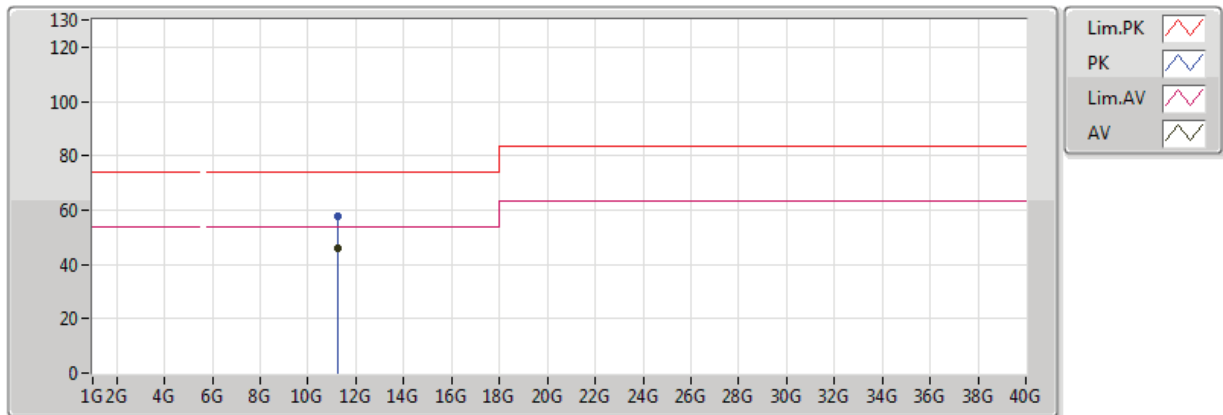


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22G	46.53	54.00	-7.47	14.09	3	V	0	1.50	-
PK	11.22G	57.90	74.00	-16.10	14.09	3	V	0	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

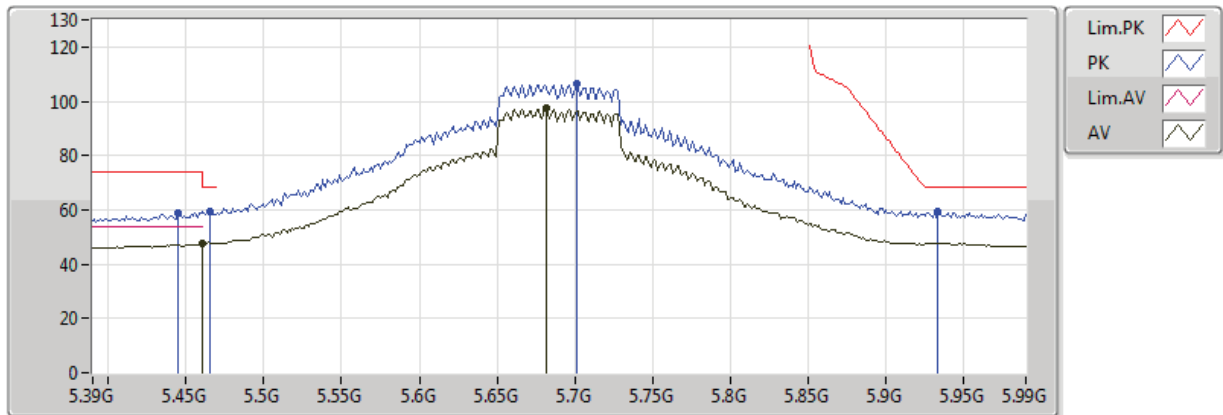


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.22G	46.18	54.00	-7.82	14.09	3	H	360	1.50	-
PK	11.22G	57.48	74.00	-16.52	14.09	3	H	360	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

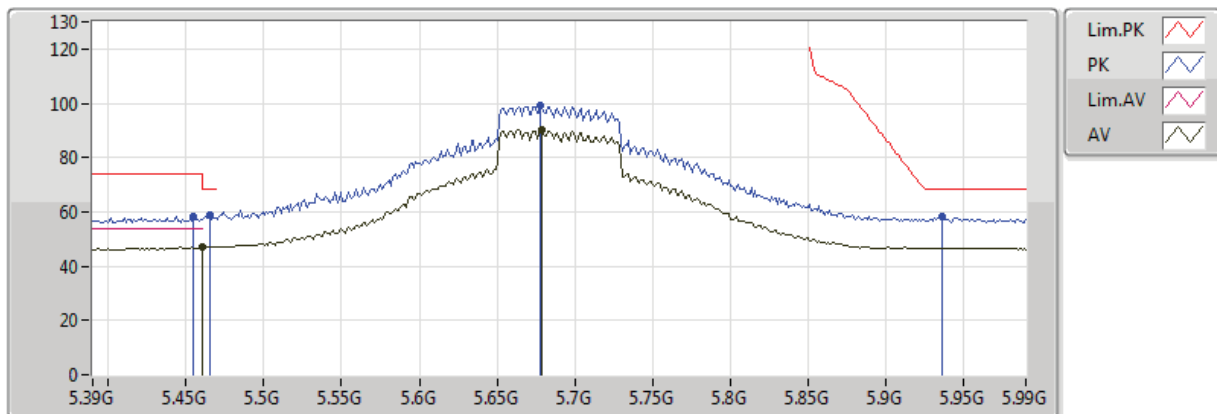


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459995G	47.53	54.00	-6.47	3.23	3	V	163	2.59	-
AV	5.6816G	97.30	Inf	-Inf	3.42	3	V	163	2.59	-
PK	5.4452G	59.10	74.00	-14.90	3.21	3	V	163	2.59	-
PK	5.4656G	59.56	68.20	-8.64	3.23	3	V	163	2.59	-
PK	5.7008G	106.44	Inf	-Inf	3.44	3	V	163	2.59	-
PK	5.9336G	59.38	68.20	-8.82	3.63	3	V	163	2.59	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX

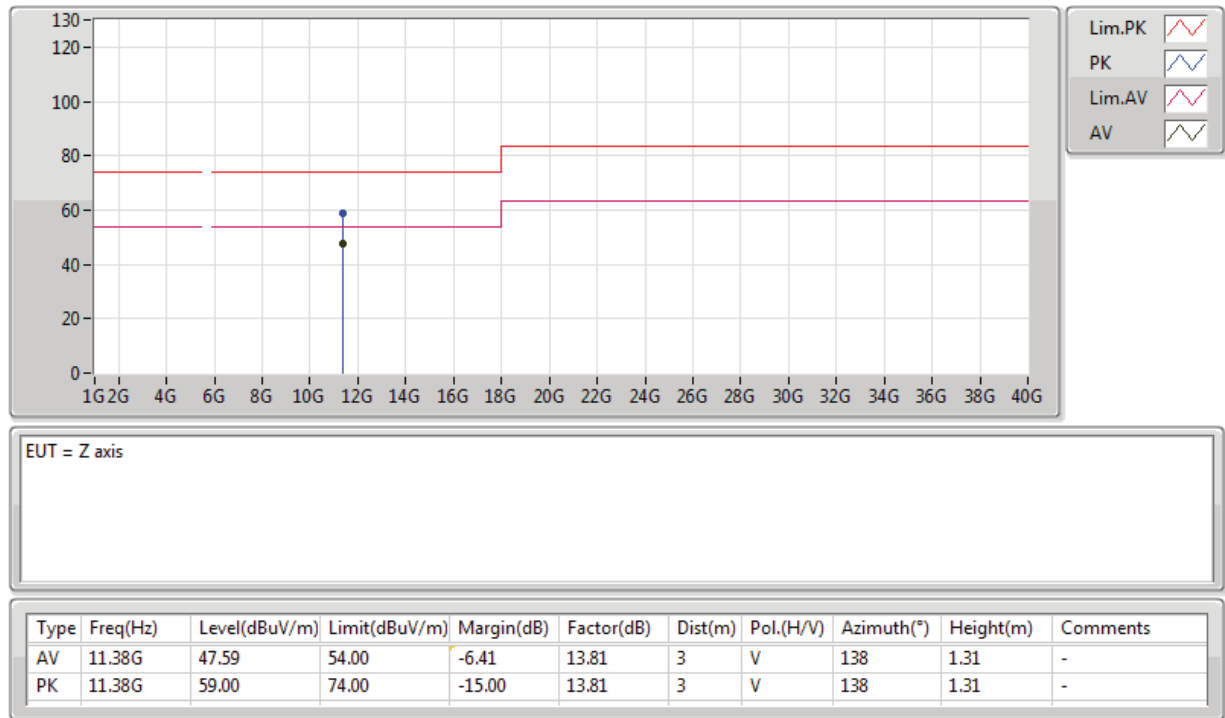


EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.459995G	47.03	54.00	-6.97	3.23	3	H	186	3.41	-
AV	5.6792G	90.34	Inf	-Inf	3.42	3	H	186	3.41	-
PK	5.4548G	58.47	74.00	-15.53	3.22	3	H	186	3.41	-
PK	5.4656G	58.87	68.20	-9.33	3.23	3	H	186	3.41	-
PK	5.678G	98.92	Inf	-Inf	3.42	3	H	186	3.41	-
PK	5.936G	58.24	68.20	-9.96	3.63	3	H	186	3.41	-

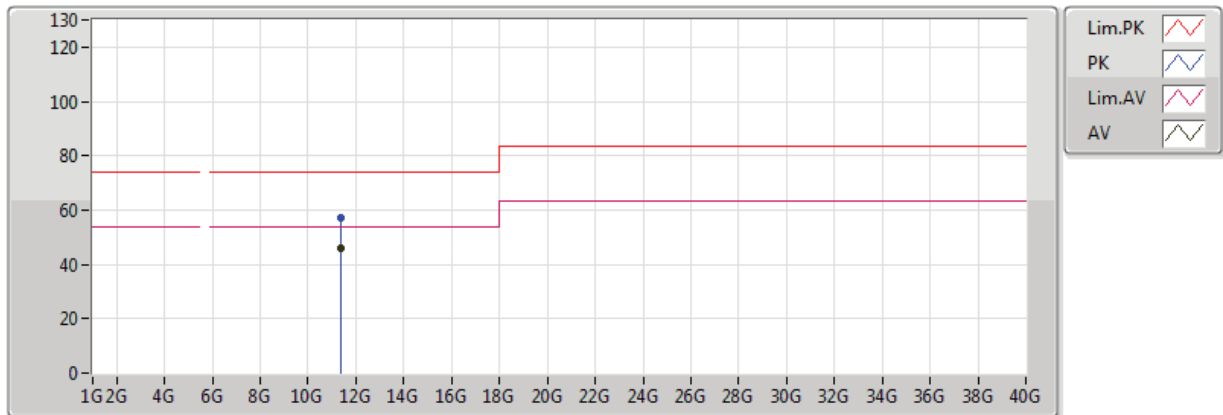
802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX



802.11ac VHT80_Nss1,(MCS0)_3TX

5690MHz Straddle 5.47-5.725GHz_TX



EUT = Z axis

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.38G	46.08	54.00	-7.92	13.81	3	H	0	1.50	-
PK	11.38G	57.30	74.00	-16.70	13.81	3	H	0	1.50	-