



FCC Test Report

Equipment : NanoStation AC
Brand Name : UBIQUITI
Model No. : NS-5AC
FCC ID : SWX-NS5AC
Standard : 47 CFR FCC Part 15.407
Operating Band : 5150 MHz – 5250 MHz
5725 MHz – 5850 MHz
Applicant / Manufacturer : Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor New York, New
York 10017 USA
Function : ☒ Outdoor; ☐ Indoor; ☒ Fixed P2P
☐ Client

The product sample received on Aug. 29, 2017 and completely tested on Oct. 20, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

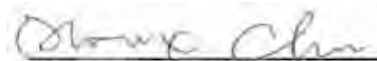

Phoenix Chen / Assistant Manager





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Summary of Test Result

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

Revision History

[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
5150-5250	ac (VHT10)	5160-5245	32-49 [18]
5725-5850		5735-5840	147-168 [22]
5150-5250	n (HT20), ac (VHT20)	5165-5240	33-48 [16]
5725-5850		5740-5835	148-167 [20]
5150-5250	ac (VHT30)	5170-5235	34-47 [14]
5725-5850		5745-5830	149-166 [18]
5150-5250	n (HT40), ac (VHT40)	5175-5230	35-46 [12]
5725-5850		5750-5825	150-165 [16]
5150-5250	ac (VHT50)	5180-5225	36-45 [10]
5725-5850		5755-5820	151-164 [14]
5150-5250	ac (VHT60)	5185-5220	37-44 [8]
5725-5850		5760-5815	152-163 [12]
5150-5250	ac (VHT80)	5190-5210	38-42 [5]
5725-5850		5770-5805	154-161 [8]

Point-to-multipoint

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT10	10	2TX
5.725-5.85GHz	802.11ac VHT10	10	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT30	30	2TX
5.725-5.85GHz	802.11ac VHT30	30	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX

**Point-to-point**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT10	10	2TX
5.725-5.85GHz	802.11ac VHT10	10	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT30	30	2TX
5.725-5.85GHz	802.11ac VHT30	30	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT50	50	2TX
5.725-5.85GHz	802.11ac VHT50	50	2TX
5.15-5.25GHz	802.11ac VHT60	60	2TX
5.725-5.85GHz	802.11ac VHT60	60	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

Note:

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



1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	Murata	16
2	2	-	-	internal antenna	Murata	16

Note: 1: 802.11n/ac used two antennas are for signal transmitting and receiving.(2T2R Spatial Multiplexing MIMO configuration)

1.1.3 EUT Information

Operational Condition	
EUT Power Type	From PoE Adapter
Beamforming Function	☐ With beamforming ☒ Without beamforming
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

Point-to-multipoint

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT10	0.975	0.11	2.538m	1k
802.11ac VHT20	0.957	0.191	1.27m	1k
802.11ac VHT30	0.931	0.311	868.75u	3k
802.11ac VHT40	0.921	0.357	634.375u	3k

Point-to-point

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ac VHT10	0.975	0.11	2.538m	1k
802.11ac VHT20	0.957	0.191	1.27m	1k
802.11ac VHT30	0.931	0.311	868.75u	3k
802.11ac VHT40	0.921	0.357	634.375u	3k
802.11ac VHT50	0.906	0.429	526.563u	3k
802.11ac VHT60	0.89	0.506	437.5u	3k
802.11ac VHT80	0.852	0.696	318.75u	10k

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v01r04
- ♦ KDB 644545 D03 v01
- ♦ KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Tim	22.5°C / 65%	17/Oct/2017
Radiated	03CH03-HY	Andy	24°C / 57%	20/Oct/2017
AC Conduction	CO04-HY	Eric	23.6°C / 59%	13/Oct/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

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V
Freq. Stability	Abbreviation	Remark
-20°C	-	-
-10°C	-	-
0°C	-	-
10°C	-	-
20°C	-	-
30°C	-	-
40°C	-	-
50°C	-	-
55°C	-	-
138V	-	-
120V	-	-
102V	-	-

2.2 Test Channel Mode

Test Software	Putty
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2.3 The Worst Case Measurement Configuration

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

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

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

Note : Test result of Point to Multipoint was covered by Point to Point



2.4 Accessories

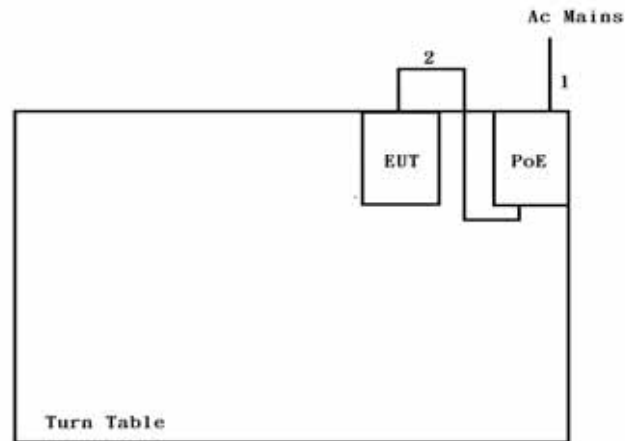
Accessories				
PoE Adapter	Brand Name	UBIQUITI	Model Name	GP-A240-050G
	Power Rating	I/P: 100 - 240Vac, 0.3 A, O/P: 24 Vdc, 0.5 A		

2.5 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	G.W	APS-9102	-

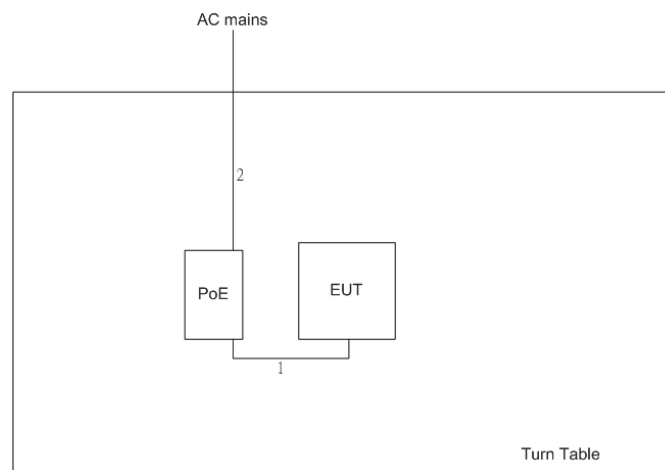
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1.7m	-
2	RJ-45 cable	No	1m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	RJ-45 cable	No	1m	-
2	AC Power line	No	1.8m	-

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.

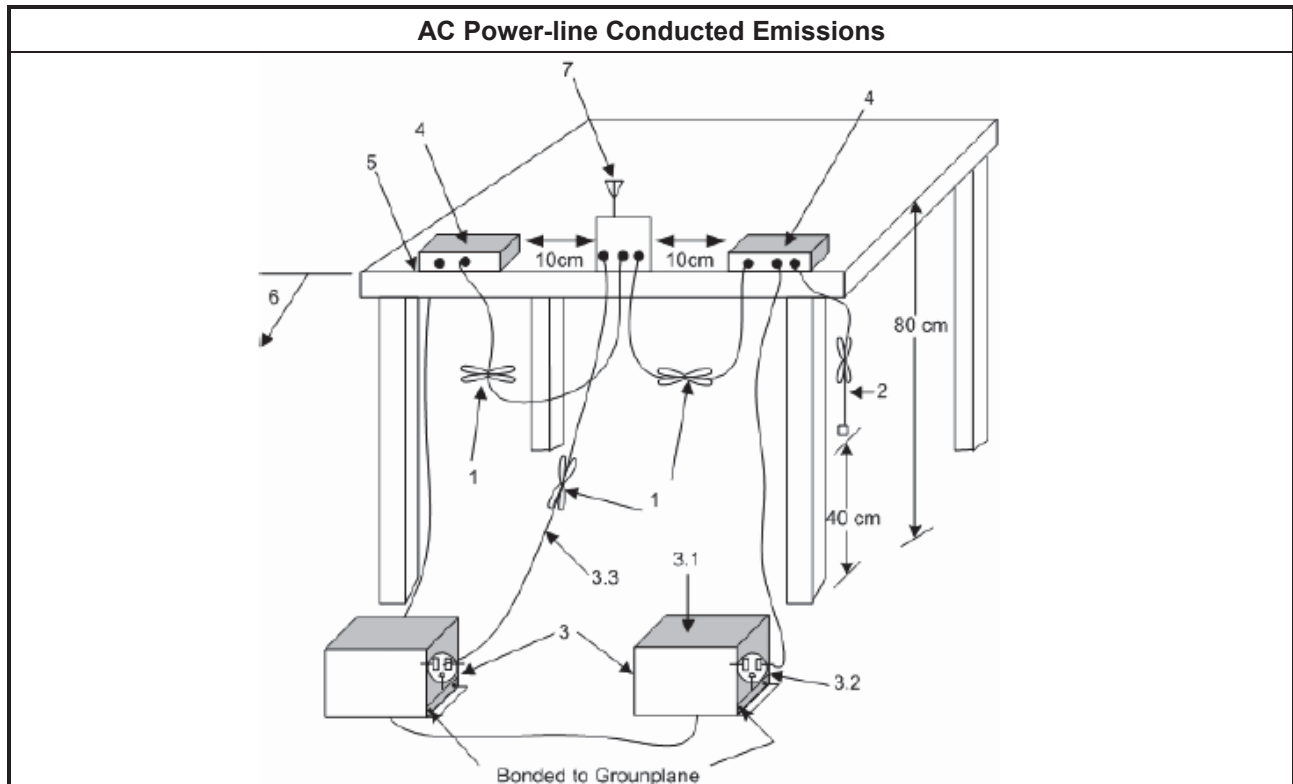
3.1.2 Measuring Instruments

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.

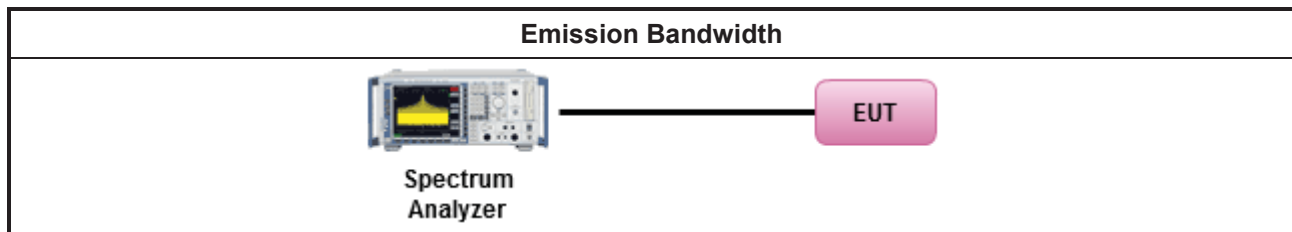
3.2.2 Measuring Instruments

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 6.6 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.	

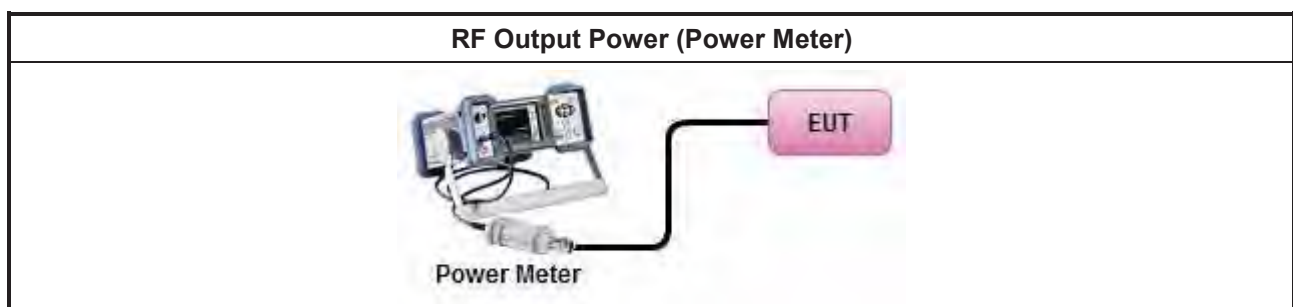
3.3.2 Measuring Instruments

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.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

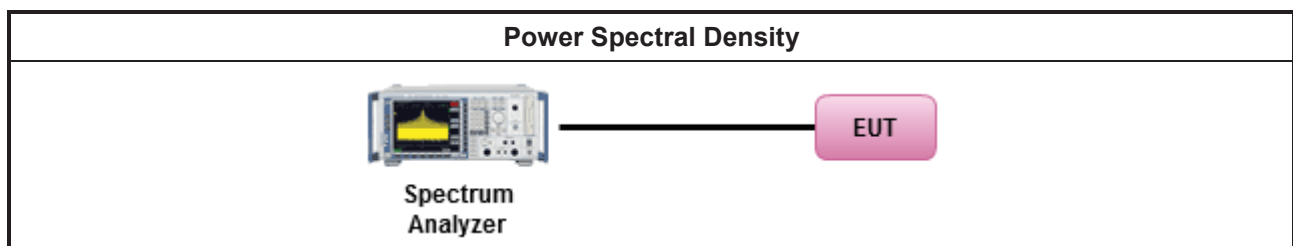
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

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



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

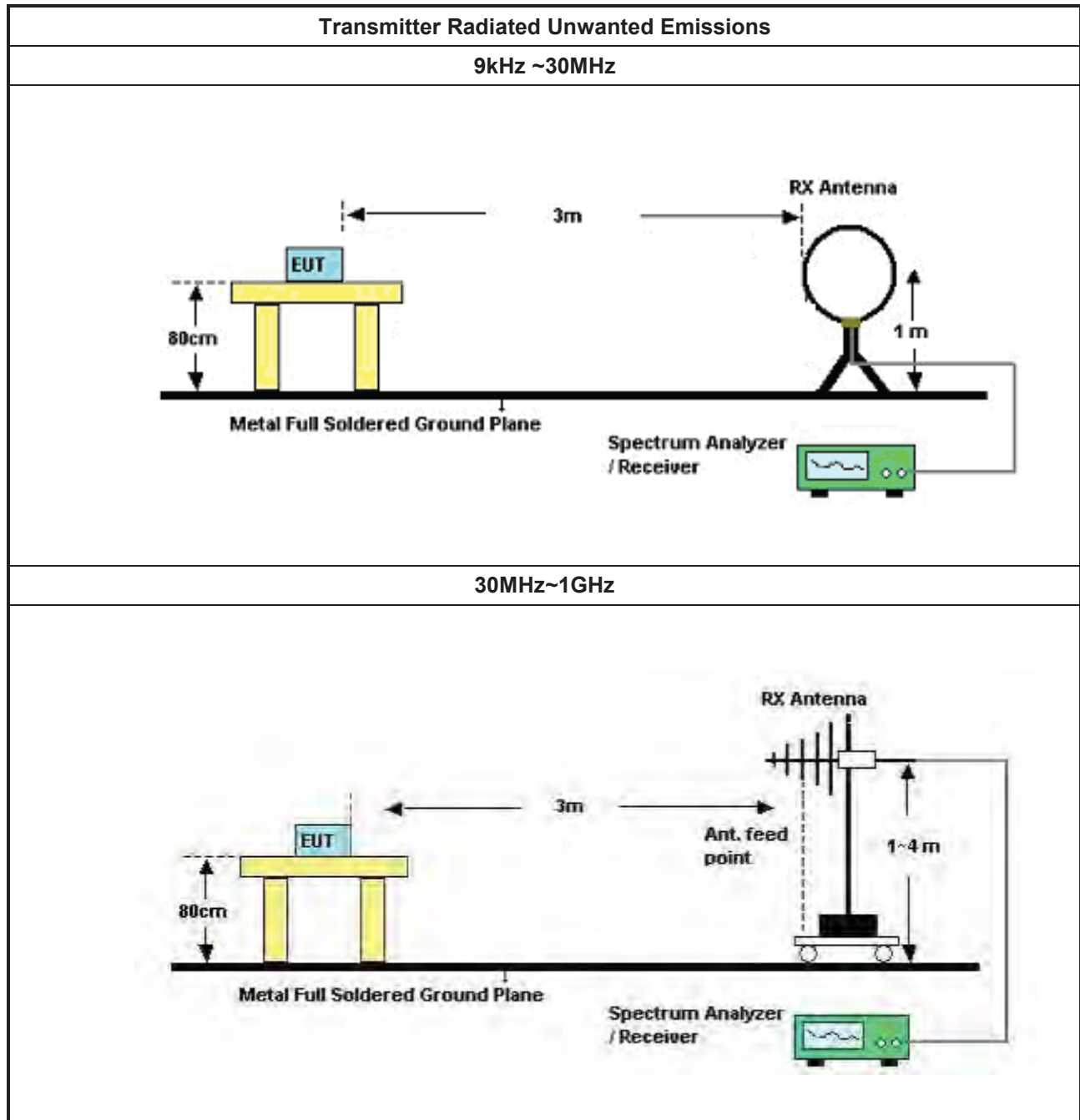
3.5.2 Measuring Instruments

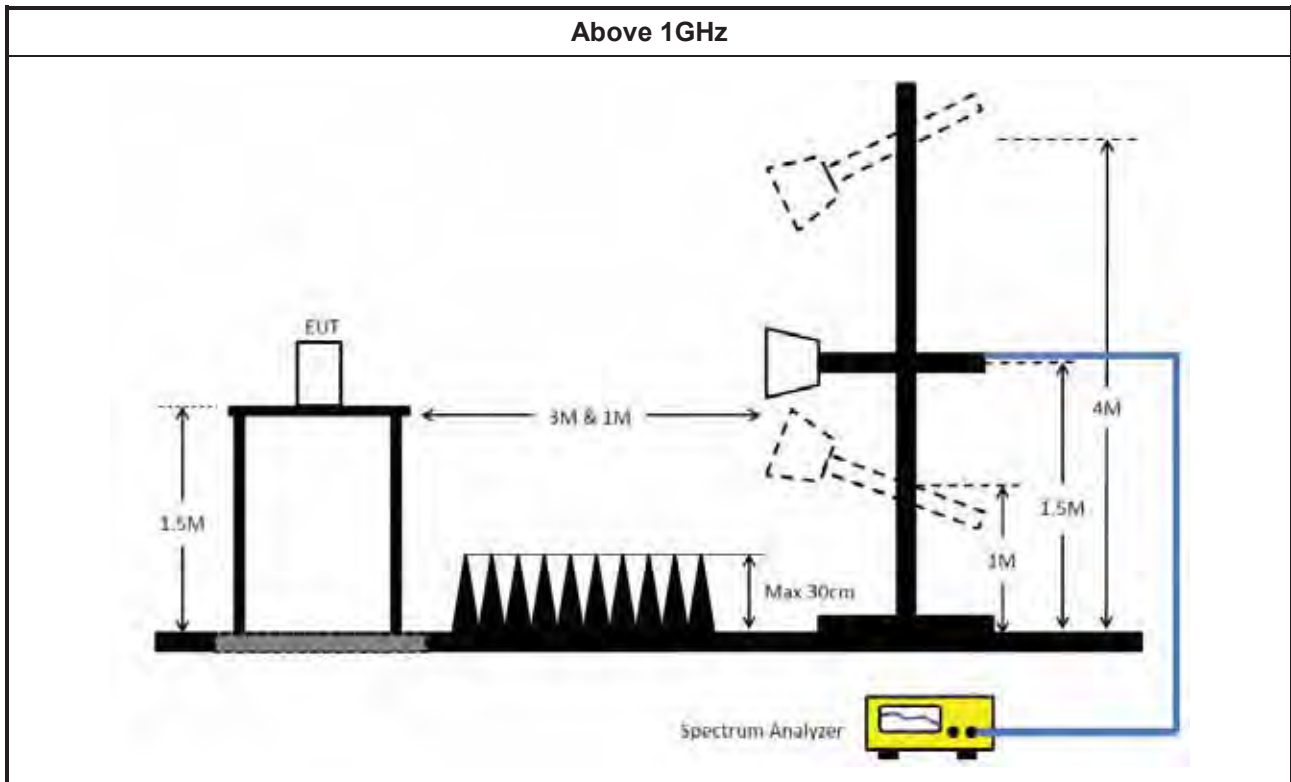
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method				
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).				
The average emission levels shall be measured in [duty cycle $\geq$ 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.			
	<table border="1"> <tr> <td>☒</td><td>Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.</td></tr> <tr> <td>☒</td><td>Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.</td></tr> </table>	☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.	☒
☒	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

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

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

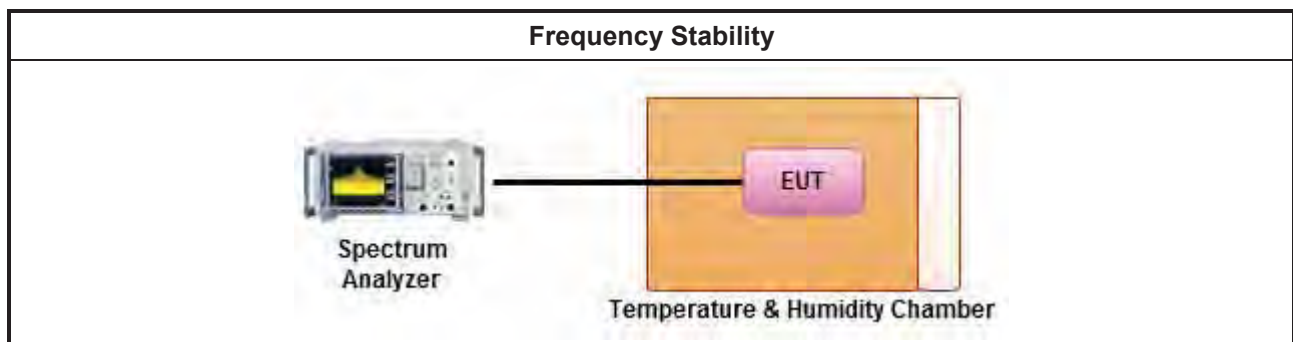
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup



3.6.5 Test Result of Frequency Stability

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	15/Nov/2017	14/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	24/Oct/2016	23/Oct/2017
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	R&S	ESH3-Z2	100921	10 kHz ~ 30 MHz	21/Oct/2016	20/Oct/2017

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH01-HY	30 MHz ~ 1 GHz	15/Mar/2017	14/Mar/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH01-HY	1GHz ~ 18 GHz	15/Mar/2017	15/Mar/2018
Amplifier	COM-POWER	PA-103	161050	1 MHz ~ 1 GHz	19/Jul/2017	18/Jul/2018
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	30/Mar/2017	29/Jan/2018
Spectrum	R&S	FSV40	100593	9kHz ~ 40GHz	26/Oct/2016	25/Oct/2017
Bilog Antenna with 5dB Attenuator	SCHAFFNER& MTJ	CBL6112D & MTJ6102-05	2678&001	30 MHz ~ 2 GHz	29/Jan/2017	28/Jan/2018
Horn Antenna	SCHWARZBECK	BBHA 9120	BBHA 9120D 1531	1GHz ~ 18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	10/Jan/2017	09/Jan/2018
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Jan/2017	01/Jan/2018
RF Cable-HIGH	SUHNER	SUCOFLEX 106	CB069-HF	1GHz ~ 40GHz	05/Nov/2016	04/Nov/2017
RF Cable-R03m	Jye Bao	RG142	CB019	9kHz ~ 1GHz	03/Jan/2017	02/Jan/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

**Instrument for Conducted Test - Point-to-multipoint**

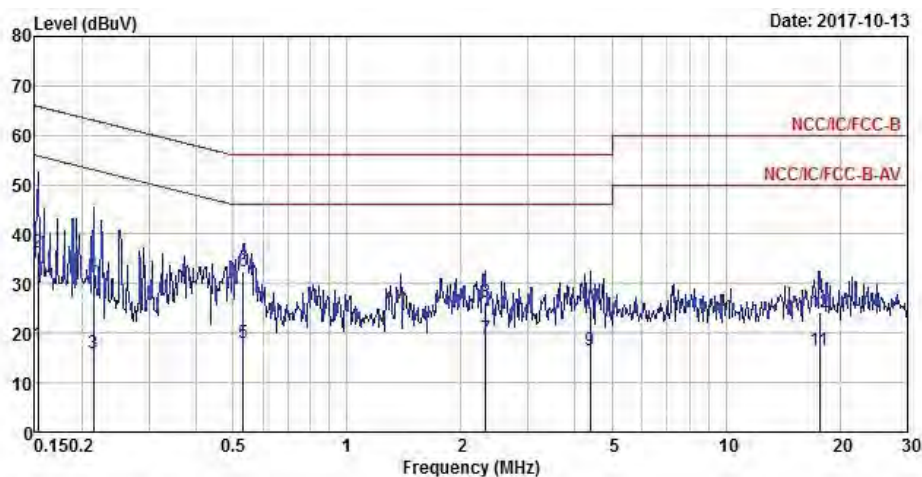
Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	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
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	10/May/2017	09/May/2018
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12582/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

Instrument for Conducted Test - Point-to-point

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	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
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	10/May/2017	09/May/2018
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12582/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Neutral
Operating Function	PoE Mode		



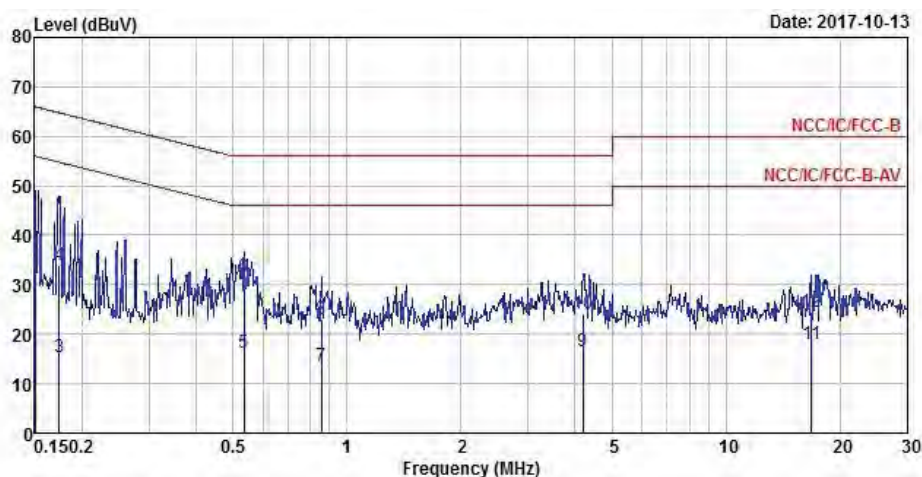
	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.15321	17.58	-38.24	55.82	7.98	9.60	0.00	Average
2	0.15321	36.29	-29.53	65.82	26.69	9.60	0.00	QP
3	0.21392	15.96	-37.09	53.05	6.29	9.67	0.00	Average
4	0.21392	31.78	-31.27	63.05	22.11	9.67	0.00	QP
5	0.53215	17.91	-28.09	46.00	8.29	9.62	0.00	Average
6 MAX	0.53215	32.49	-23.51	56.00	22.87	9.62	0.00	QP
7	2.32126	18.94	-27.06	46.00	9.28	9.66	0.00	Average
8	2.32126	26.21	-29.79	56.00	16.55	9.66	0.00	QP
9	4.38377	16.51	-29.49	46.00	6.80	9.71	0.00	Average
10	4.38377	25.40	-30.60	56.00	15.69	9.71	0.00	QP
11	17.66112	16.58	-33.42	50.00	6.72	9.86	0.00	Average
12	17.66112	24.31	-35.69	60.00	14.45	9.86	0.00	QP

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result

Operating Mode	1	Power Phase	Line
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15000	16.30	-39.70	56.00	6.64	9.66	0.00	Average
2	0.15000	35.82	-30.18	66.00	26.16	9.66	0.00	QP
3	0.17399	15.40	-39.37	54.77	5.75	9.65	0.00	Average
4	0.17399	34.07	-30.70	64.77	24.42	9.65	0.00	QP
5	0.53498	16.19	-29.81	46.00	6.53	9.66	0.00	Average
6 MAX	0.53498	31.59	-24.41	56.00	21.93	9.66	0.00	QP
7	0.85730	13.54	-32.46	46.00	3.90	9.64	0.00	Average
8	0.85730	22.96	-33.04	56.00	13.32	9.64	0.00	QP
9	4.20184	16.56	-29.44	46.00	6.79	9.77	0.00	Average
10	4.20184	24.27	-31.73	56.00	14.50	9.77	0.00	QP
11	16.83872	18.00	-32.00	50.00	8.14	9.86	0.00	Average
12	16.83872	24.51	-35.49	60.00	14.65	9.86	0.00	QP

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

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	14.288M	8.996M	9M00D1D	13.75M	8.946M
802.11ac VHT20_Nss1,(MCS0)_2TX	26.475M	17.891M	17M9D1D	25.6M	17.816M
802.11ac VHT30_Nss1,(MCS0)_2TX	73.35M	26.462M	26M5D1D	35.85M	25.9M
802.11ac VHT40_Nss1,(MCS0)_2TX	99.6M	36.982M	37M0D1D	49.2M	36.382M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	8.813M	9.008M	9M01D1D	8.788M	8.958M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.55M	17.841M	17M8D1D	16.875M	17.741M
802.11ac VHT30_Nss1,(MCS0)_2TX	25.575M	25.975M	26M0D1D	25.5M	25.825M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.05M	36.382M	36M4D1D	35.1M	36.282M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;



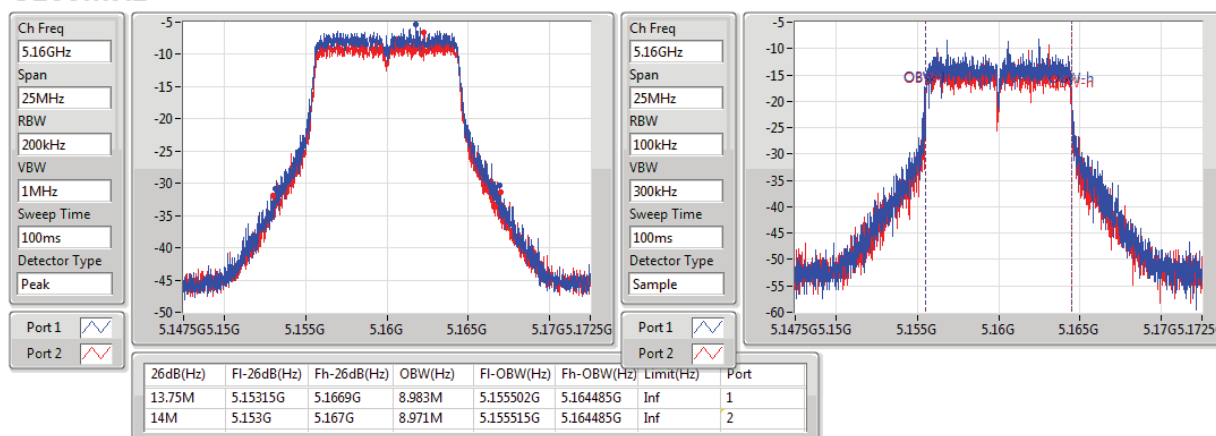
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5160MHz	Pass	Inf	13.75M	8.983M	14M	8.971M
5200MHz	Pass	Inf	14.025M	8.946M	14.113M	8.996M
5245MHz	Pass	Inf	14.288M	8.971M	14M	8.971M
5735MHz	Pass	500k	8.8M	8.958M	8.813M	8.971M
5790MHz	Pass	500k	8.788M	8.996M	8.8M	8.971M
5840MHz	Pass	500k	8.8M	9.008M	8.813M	8.958M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5165MHz	Pass	Inf	26M	17.816M	25.875M	17.891M
5200MHz	Pass	Inf	25.6M	17.816M	26.475M	17.866M
5240MHz	Pass	Inf	25.925M	17.841M	26.325M	17.891M
5740MHz	Pass	500k	17.55M	17.816M	16.9M	17.791M
5790MHz	Pass	500k	17.275M	17.841M	17.275M	17.816M
5835MHz	Pass	500k	16.875M	17.741M	17.525M	17.816M
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5170MHz	Pass	Inf	71.063M	26.462M	73.35M	26.387M
5200MHz	Pass	Inf	37.013M	25.975M	38.063M	25.937M
5235MHz	Pass	Inf	35.85M	25.9M	37.65M	25.937M
5745MHz	Pass	500k	25.5M	25.862M	25.5M	25.9M
5790MHz	Pass	500k	25.5M	25.862M	25.5M	25.862M
5830MHz	Pass	500k	25.575M	25.975M	25.538M	25.825M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5175MHz	Pass	Inf	98.85M	36.982M	99.6M	36.882M
5200MHz	Pass	Inf	49.25M	36.382M	51.25M	36.582M
5230MHz	Pass	Inf	49.2M	36.382M	49.2M	36.532M
5750MHz	Pass	500k	35.65M	36.332M	35.85M	36.332M
5790MHz	Pass	500k	36.05M	36.282M	35.1M	36.282M
5825MHz	Pass	500k	35.9M	36.382M	36.05M	36.332M

802.11ac VHT10_Nss1,(MCS0)_2TX

EBW

5160MHz

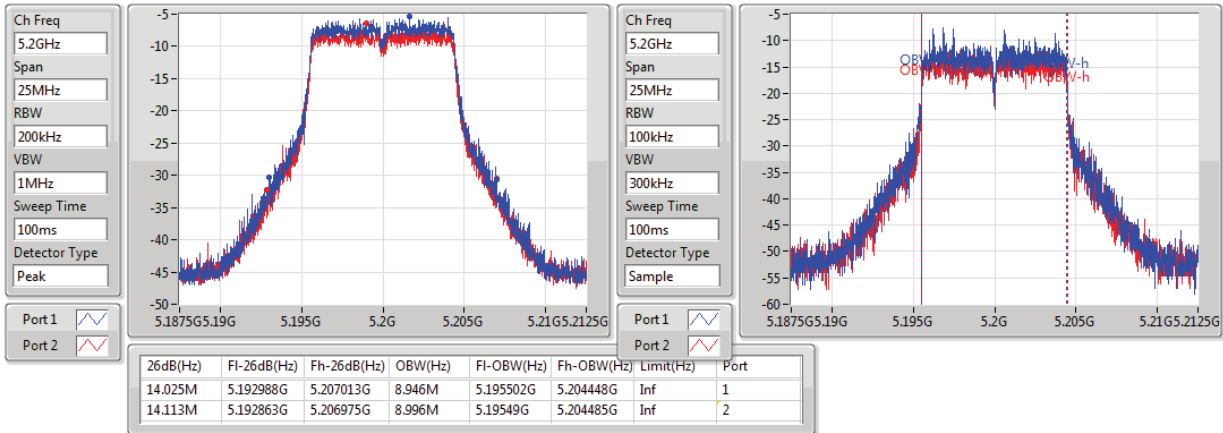




802.11ac VHT10_Nss1,(MCS0)_2TX

EBW

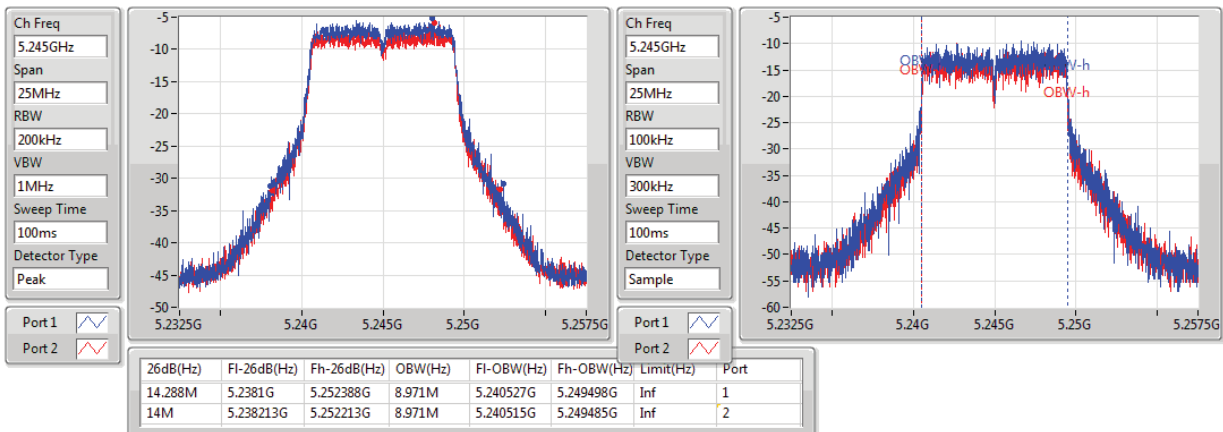
5200MHz

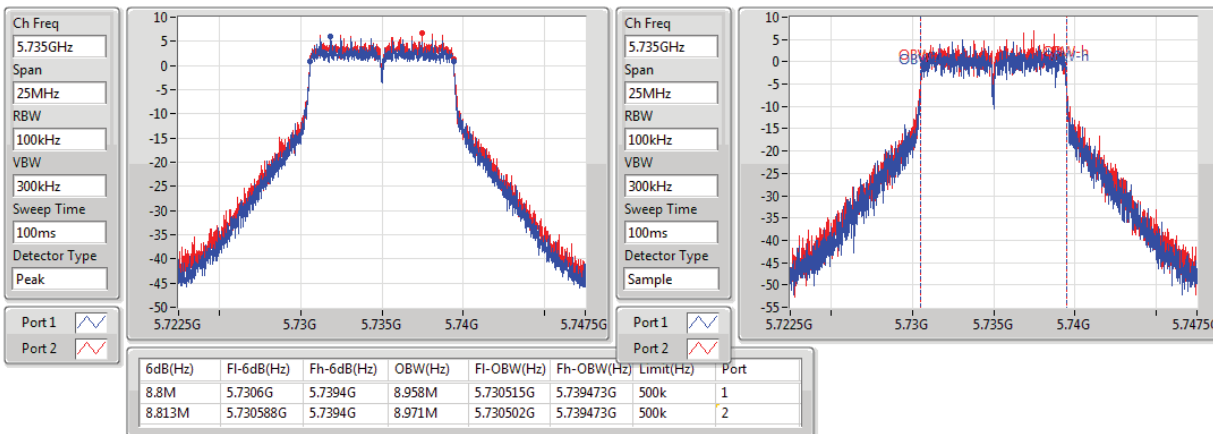
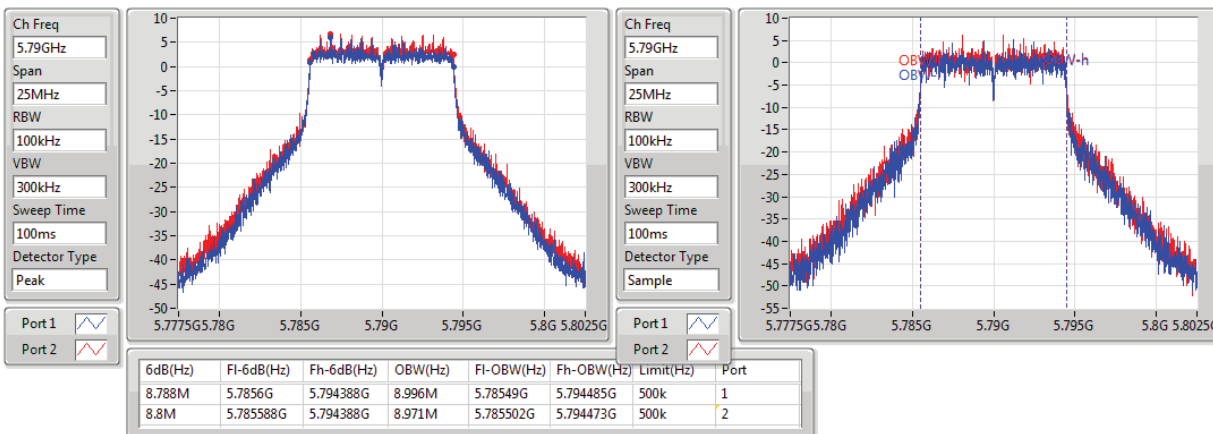
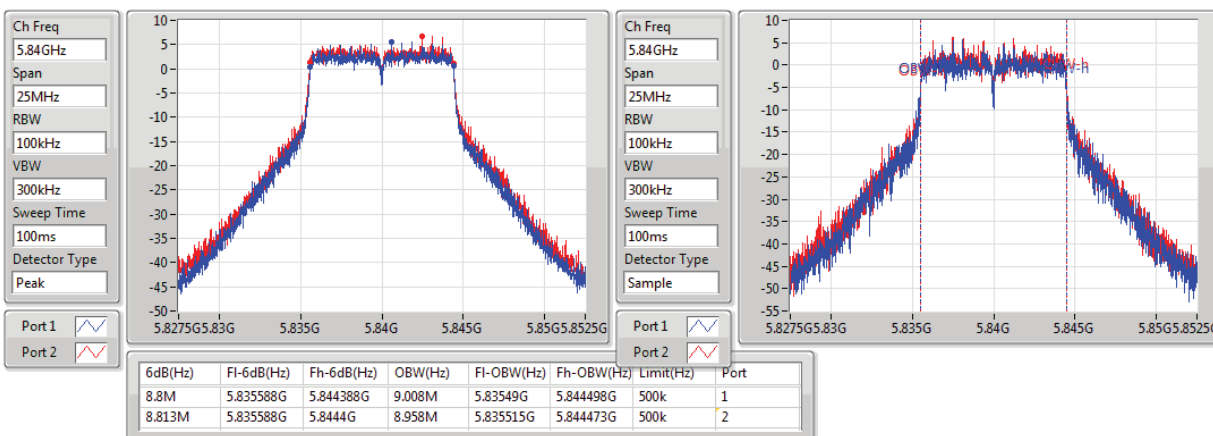


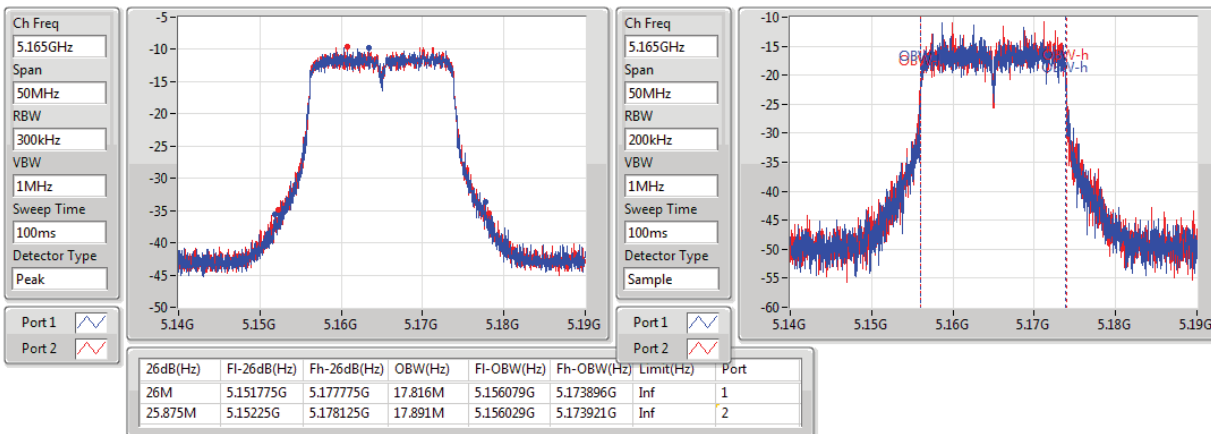
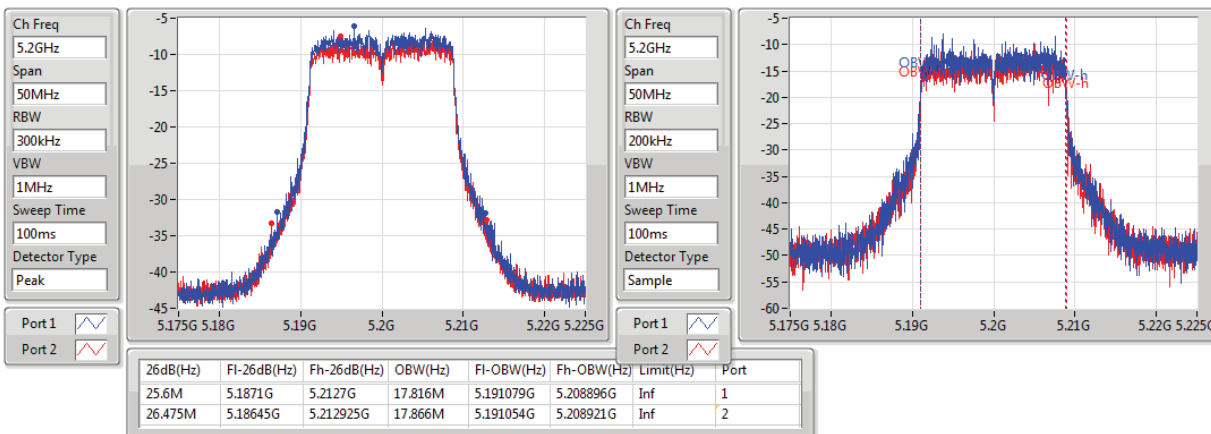
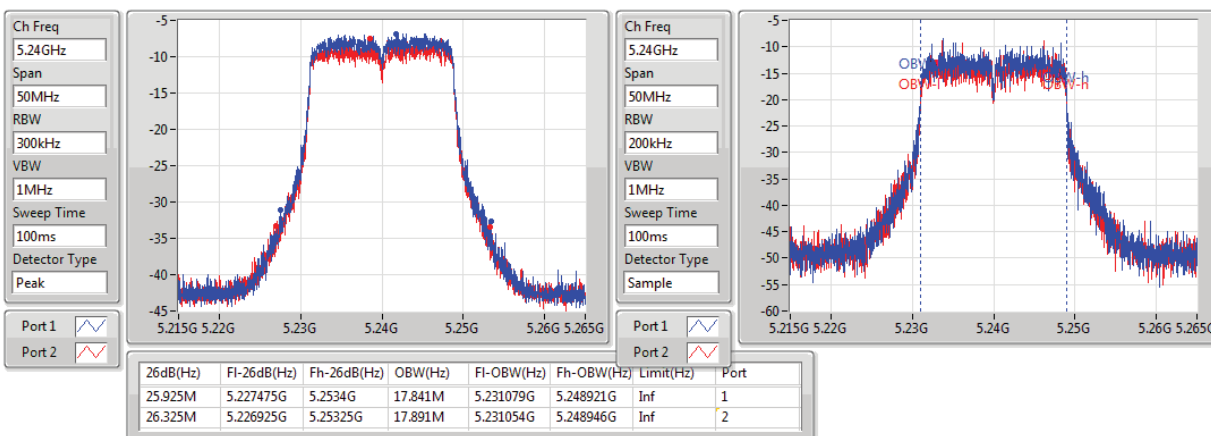
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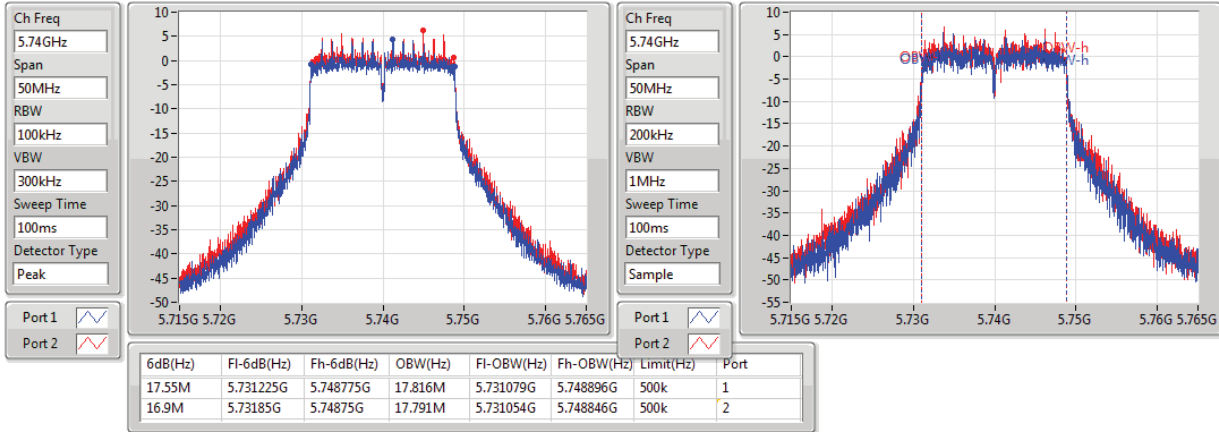
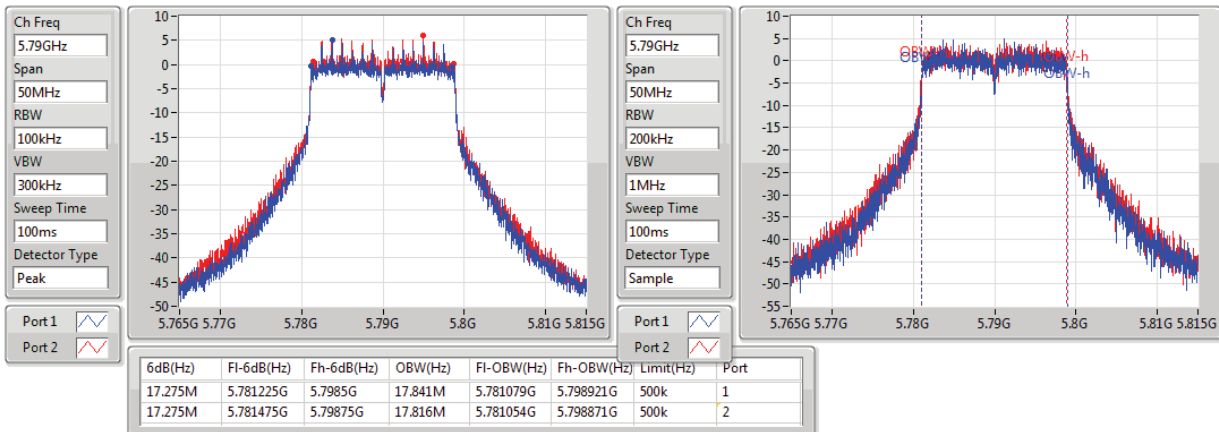
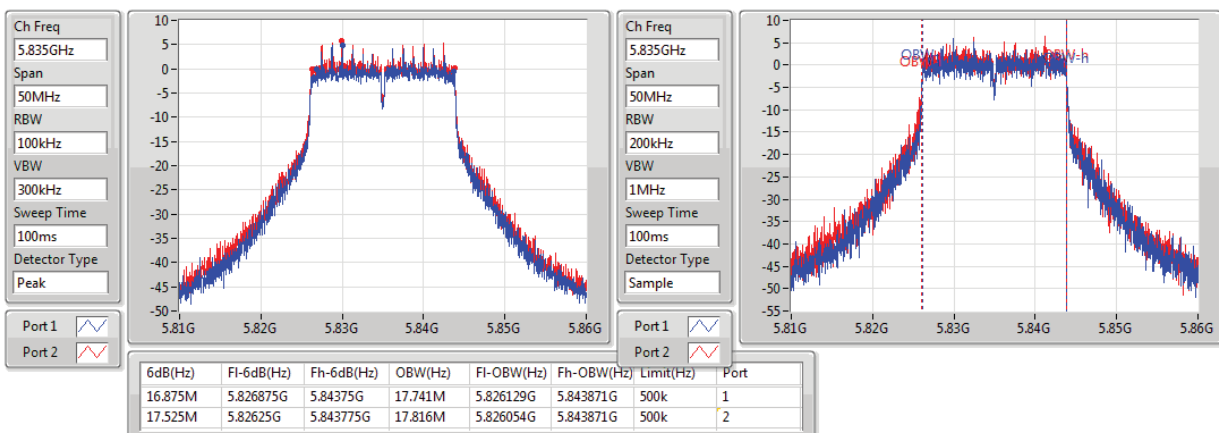
EBW

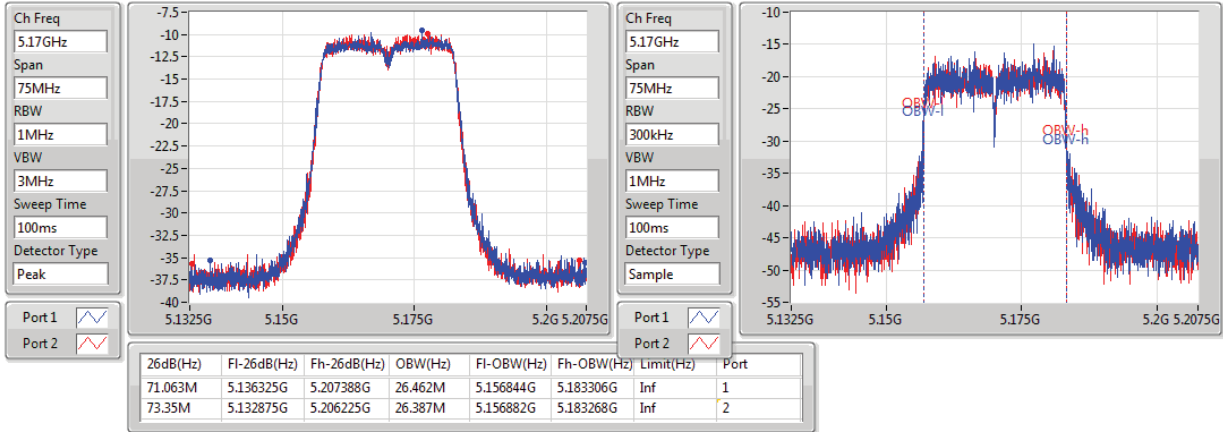
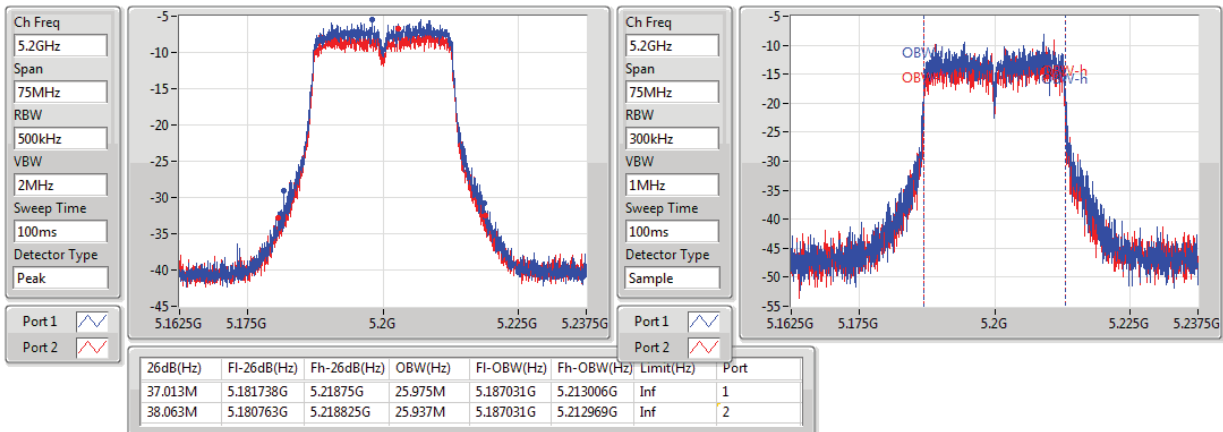
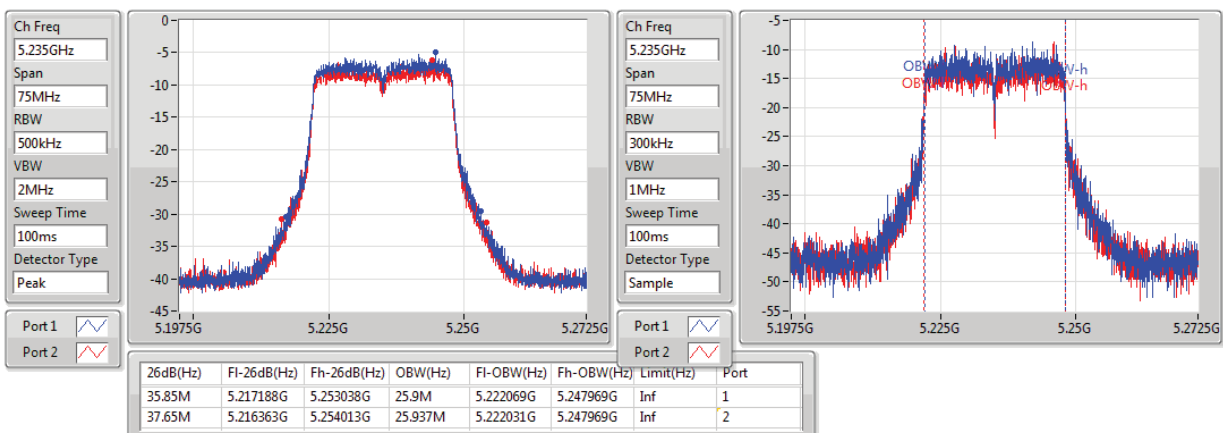
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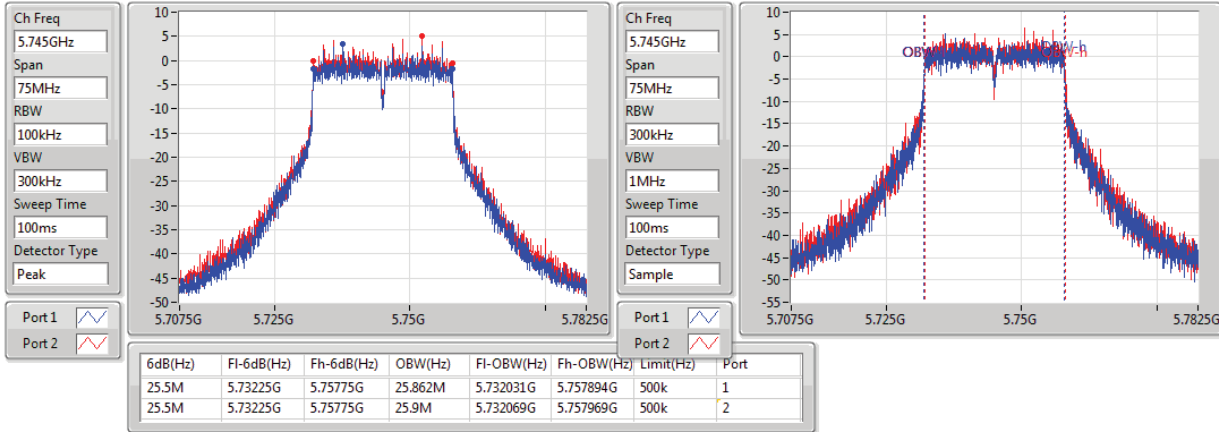
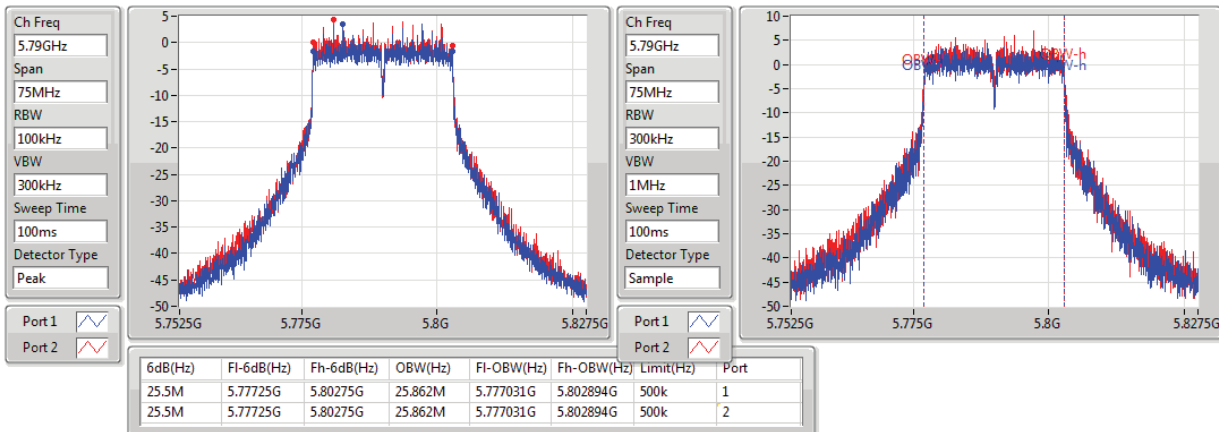
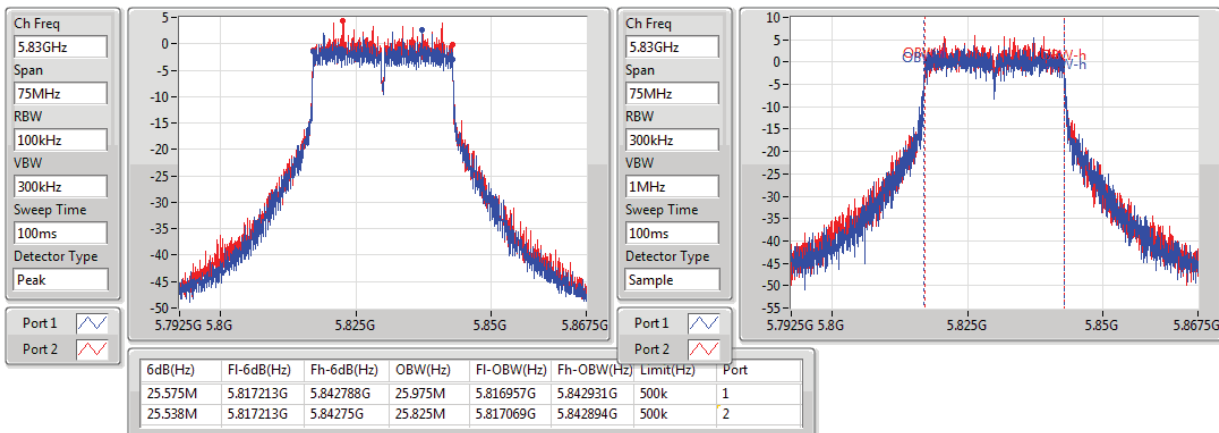


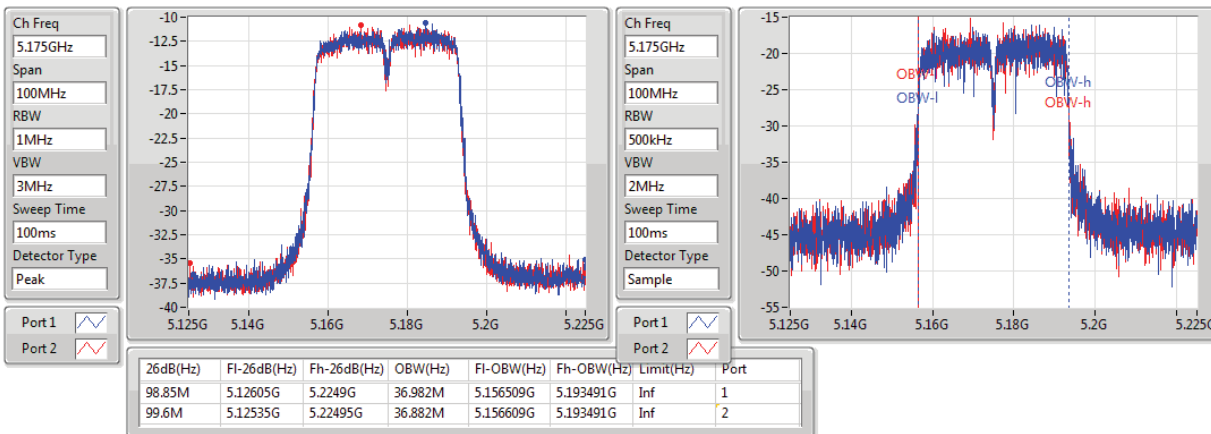
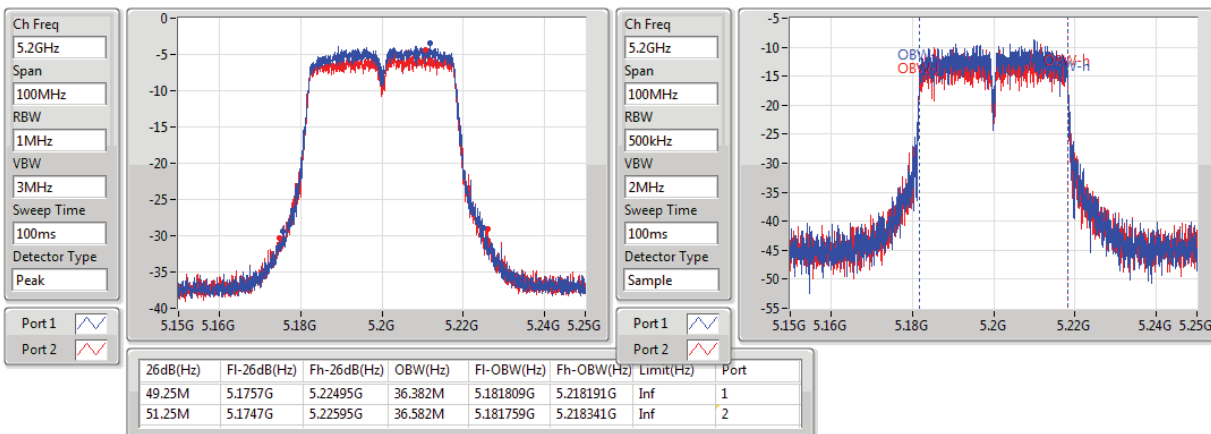
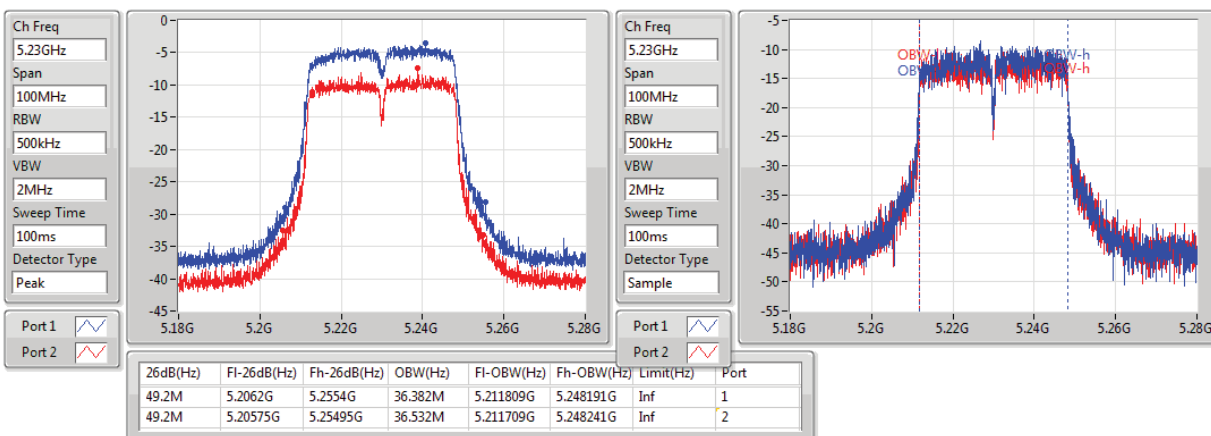
802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5735MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5840MHz


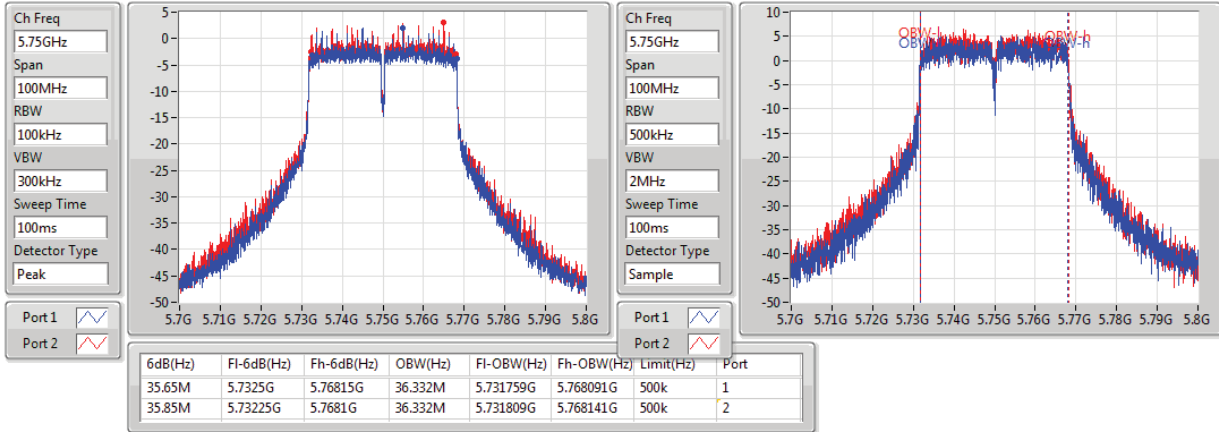
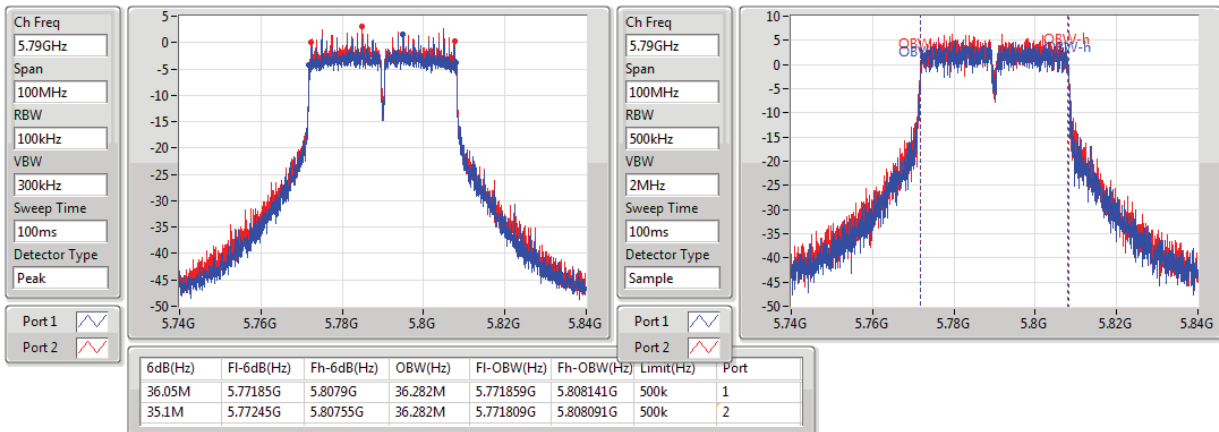
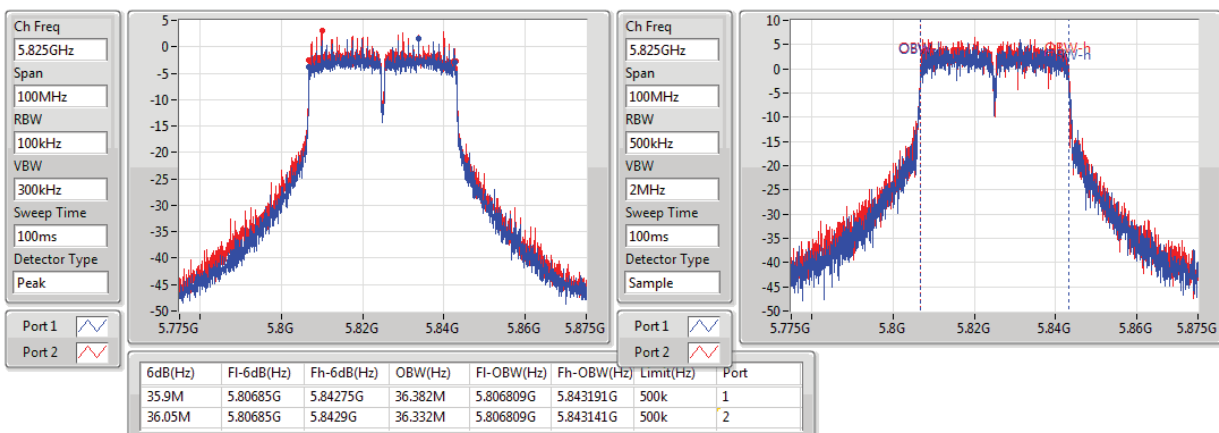
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5165MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5740MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5835MHz


802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5170MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5235MHz


802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5745MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5830MHz


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5175MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5750MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5825MHz


**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	15.988M	9.083M	9M08D1D	14.263M	8.971M
802.11ac VHT20_Nss1,(MCS0)_2TX	28.2M	17.866M	17M9D1D	25.925M	17.766M
802.11ac VHT30_Nss1,(MCS0)_2TX	74.288M	27.249M	27M2D1D	36.9M	25.862M
802.11ac VHT40_Nss1,(MCS0)_2TX	100M	37.131M	37M1D1D	48.2M	36.332M
802.11ac VHT50_Nss1,(MCS0)_2TX	64.125M	45.915M	45M9D1D	60.313M	44.54M
802.11ac VHT60_Nss1,(MCS0)_2TX	75.45M	55.622M	55M6D1D	70.125M	52.699M
802.11ac VHT80_Nss1,(MCS0)_2TX	142.5M	79.86M	79M9D1D	98.5M	76.062M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	8.863M	14.23M	14M2D1D	8.788M	8.946M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.575M	29.11M	29M1D1D	16.4M	17.841M
802.11ac VHT30_Nss1,(MCS0)_2TX	25.538M	40.105M	40M1D1D	25.125M	26.162M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.3M	55.122M	55M1D1D	35.1M	36.282M
802.11ac VHT50_Nss1,(MCS0)_2TX	44.5M	65.655M	65M7D1D	41.5M	44.478M
802.11ac VHT60_Nss1,(MCS0)_2TX	52.8M	53.598M	53M6D1D	51.9M	52.699M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.7M	75.962M	76M0D1D	71.5M	75.762M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5160MHz_TnomVnom	Pass	Inf	14.263M	8.971M	14.538M	8.983M
5200MHz_TnomVnom	Pass	Inf	14.588M	8.971M	14.65M	8.971M
5245MHz_TnomVnom	Pass	Inf	15.288M	9.058M	15.988M	9.083M
5735MHz_TnomVnom	Pass	500k	8.8M	8.946M	8.813M	8.983M
5790MHz_TnomVnom	Pass	500k	8.8M	14.23M	8.788M	9.358M
5840MHz_TnomVnom	Pass	500k	8.8M	8.958M	8.863M	8.983M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5165MHz_TnomVnom	Pass	Inf	25.925M	17.841M	27.325M	17.866M
5200MHz_TnomVnom	Pass	Inf	27.175M	17.816M	28.2M	17.841M
5240MHz_TnomVnom	Pass	Inf	26.35M	17.766M	27M	17.841M
5740MHz_TnomVnom	Pass	500k	17.575M	29.11M	17.525M	18.391M
5790MHz_TnomVnom	Pass	500k	17.525M	26.562M	17.275M	18.066M
5835MHz_TnomVnom	Pass	500k	17.525M	25.762M	16.4M	17.841M
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5170MHz_TnomVnom	Pass	Inf	74.288M	26.462M	70.463M	26.199M
5200MHz_TnomVnom	Pass	Inf	36.9M	25.862M	38.7M	25.9M
5235MHz_TnomVnom	Pass	Inf	56.025M	27.249M	54.188M	26.837M
5745MHz_TnomVnom	Pass	500k	25.538M	37.219M	25.125M	26.649M
5790MHz_TnomVnom	Pass	500k	25.538M	40.105M	25.5M	26.312M
5830MHz_TnomVnom	Pass	500k	25.5M	38.981M	25.5M	26.162M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5175MHz_TnomVnom	Pass	Inf	100M	36.932M	99.7M	37.031M
5200MHz_TnomVnom	Pass	Inf	49.35M	36.382M	48.2M	36.332M
5230MHz_TnomVnom	Pass	Inf	75.75M	37.131M	49.85M	36.382M
5750MHz_TnomVnom	Pass	500k	36.05M	36.532M	35.9M	36.282M
5790MHz_TnomVnom	Pass	500k	36.25M	55.122M	35.1M	36.782M
5825MHz_TnomVnom	Pass	500k	36.3M	51.874M	35.45M	36.532M
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	64.125M	45.915M	62.125M	45.602M
5200MHz_TnomVnom	Pass	Inf	61.813M	44.603M	60.313M	44.54M
5225MHz_TnomVnom	Pass	Inf	63.563M	44.54M	62.75M	44.603M
5755MHz_TnomVnom	Pass	500k	44.25M	44.54M	44.5M	44.54M
5790MHz_TnomVnom	Pass	500k	44.188M	65.655M	41.5M	45.102M
5820MHz_TnomVnom	Pass	500k	44.188M	44.728M	43.75M	44.478M
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5185MHz_TnomVnom	Pass	Inf	74.775M	55.622M	75.45M	55.322M
5200MHz_TnomVnom	Pass	Inf	71.025M	52.999M	70.125M	53.148M
5220MHz_TnomVnom	Pass	Inf	70.95M	52.699M	71.1M	52.924M
5760MHz_TnomVnom	Pass	500k	52.8M	52.849M	51.9M	52.999M
5790MHz_TnomVnom	Pass	500k	52.8M	53.598M	51.9M	52.849M
5815MHz_TnomVnom	Pass	500k	52.725M	53.373M	51.9M	52.699M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	200M	82.259M	200M	80.76M



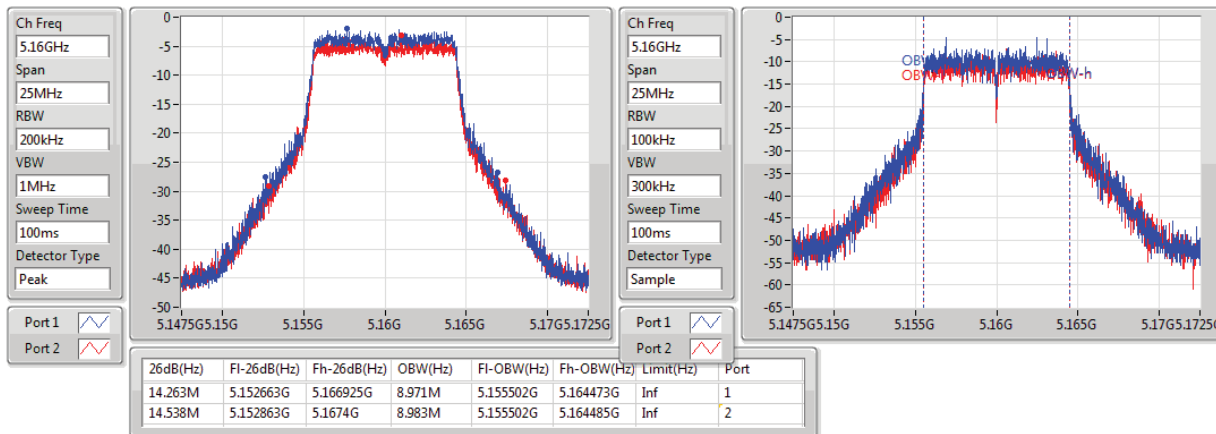
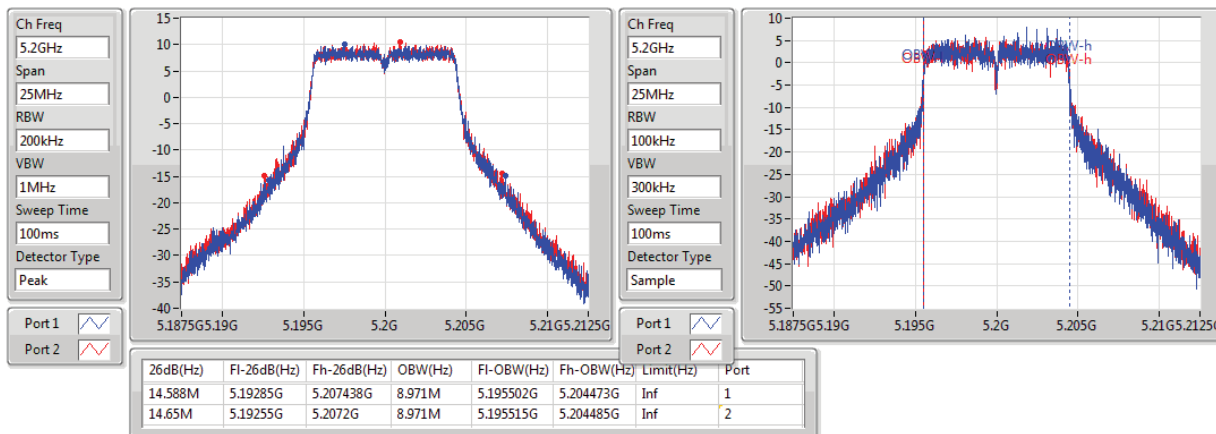
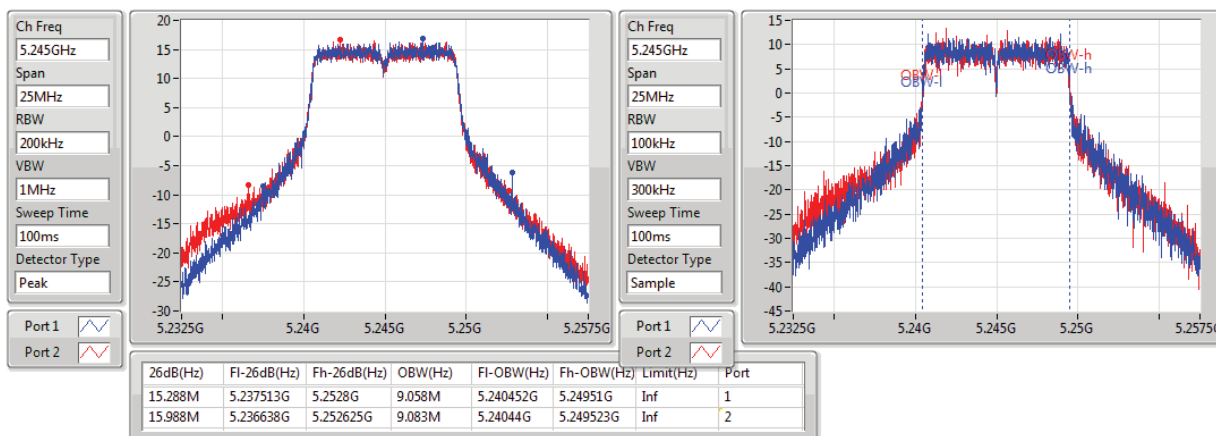
EBW Result (Point-to-point)

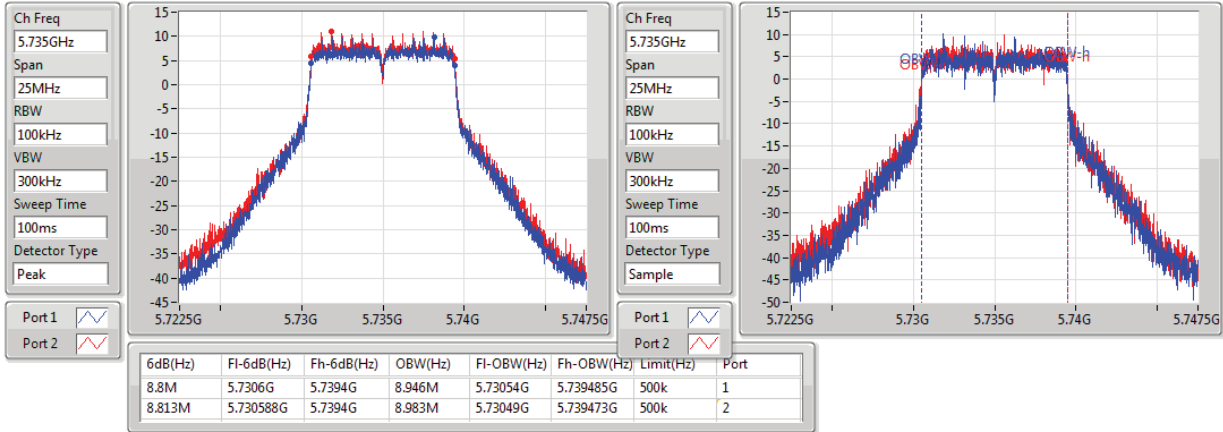
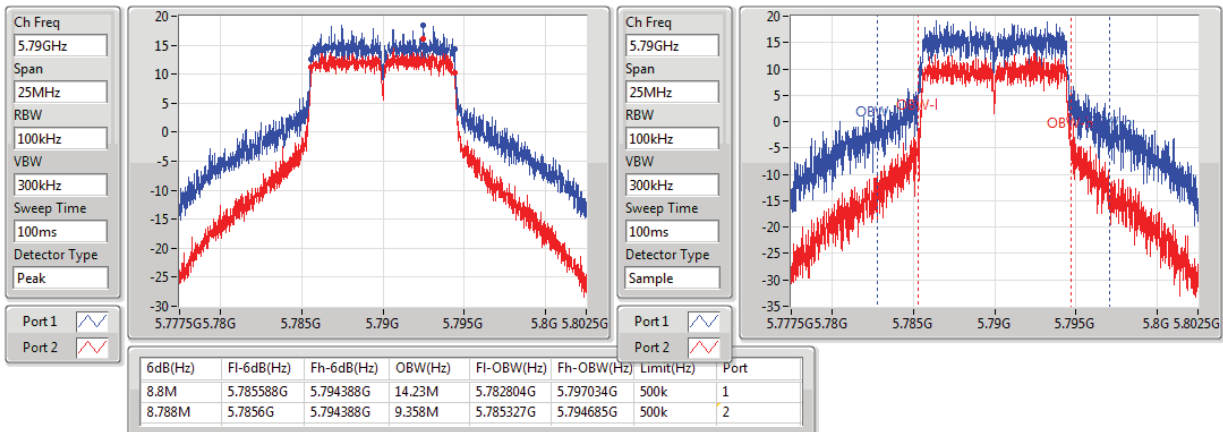
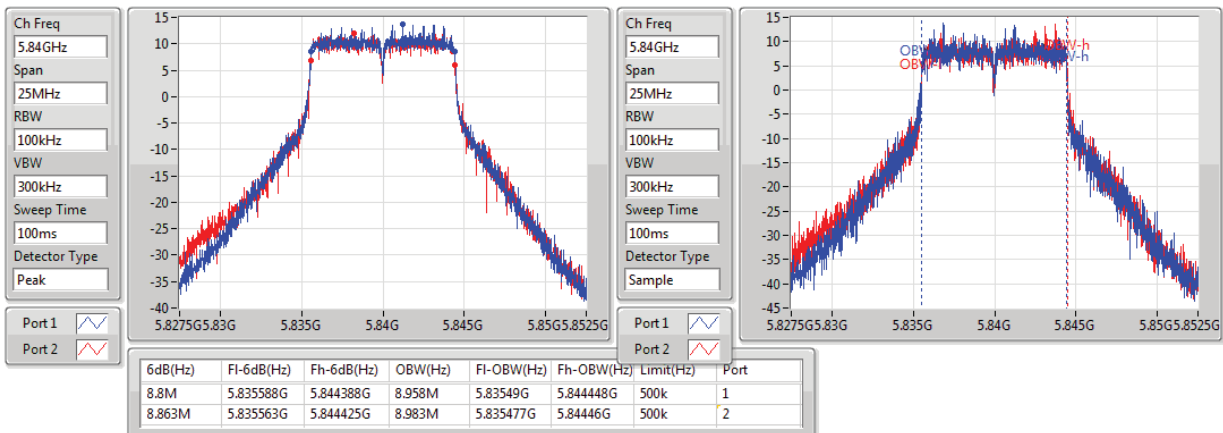
Appendix B.2

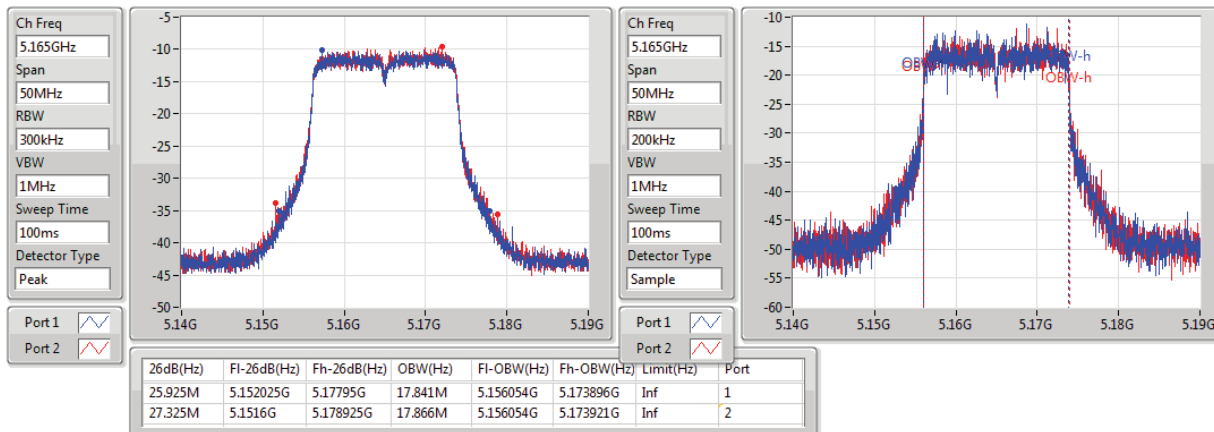
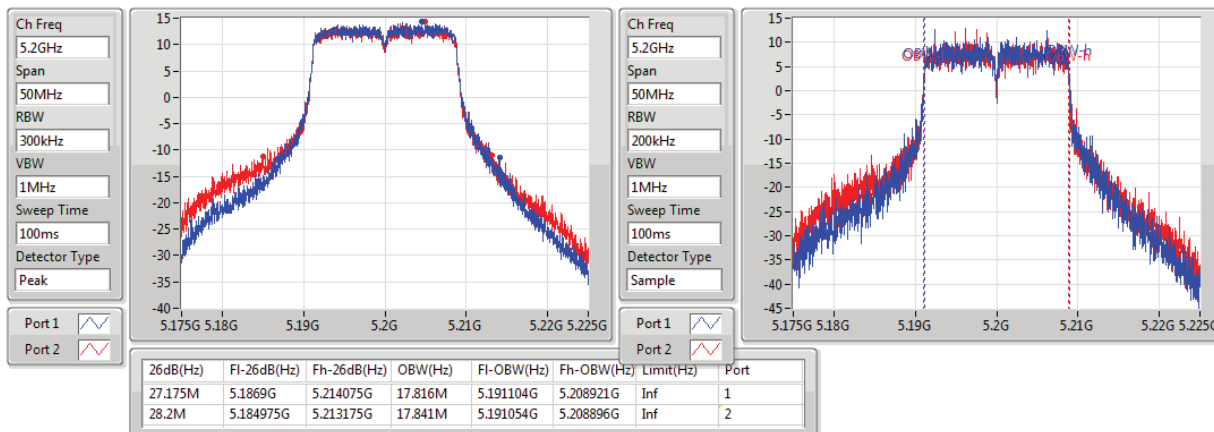
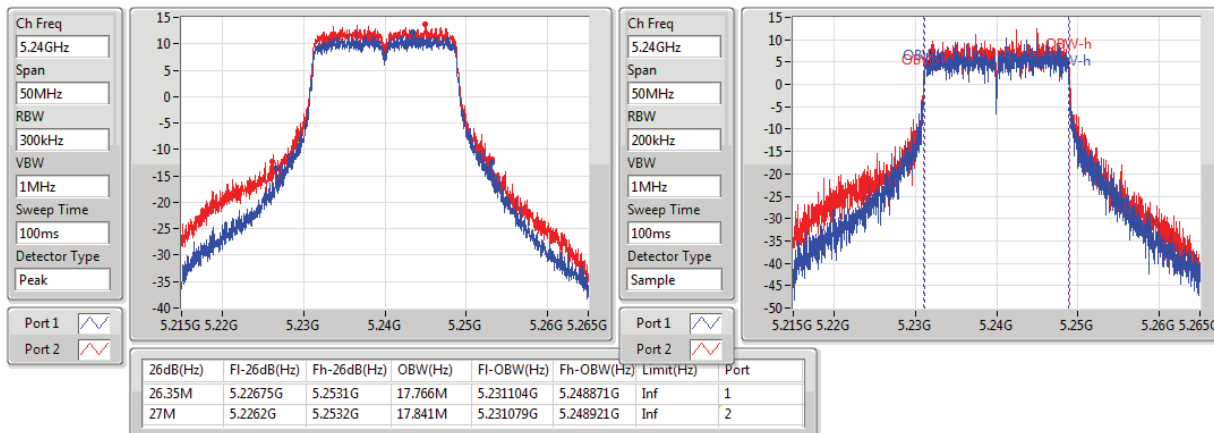
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5200MHz_TnomVnom	Pass	Inf	98.5M	76.162M	105.2M	76.362M
5210MHz_TnomVnom	Pass	Inf	101.5M	76.062M	101.8M	76.062M
5770MHz_TnomVnom	Pass	500k	74.2M	75.762M	75M	75.962M
5790MHz_TnomVnom	Pass	500k	75M	75.862M	71.5M	75.862M
5805MHz_TnomVnom	Pass	500k	73.5M	75.862M	75.7M	75.862M

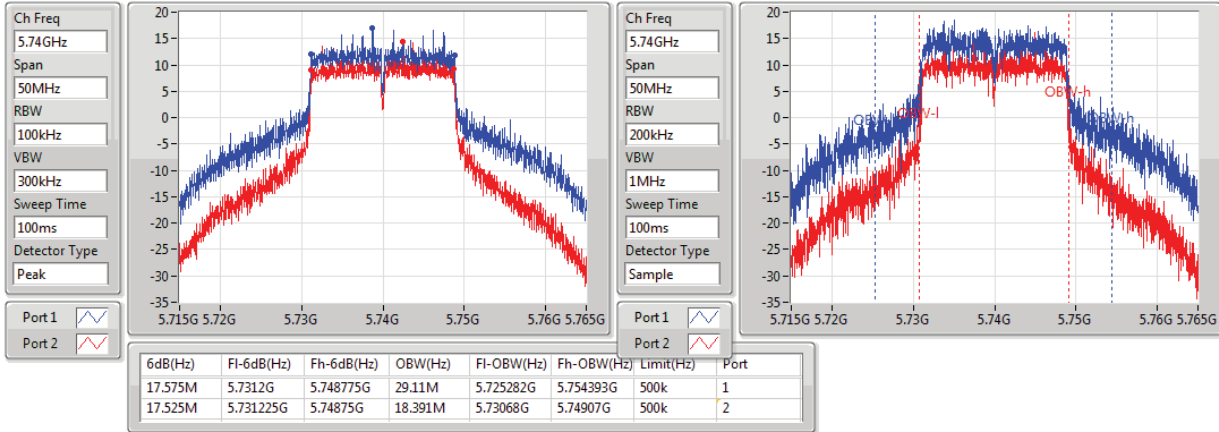
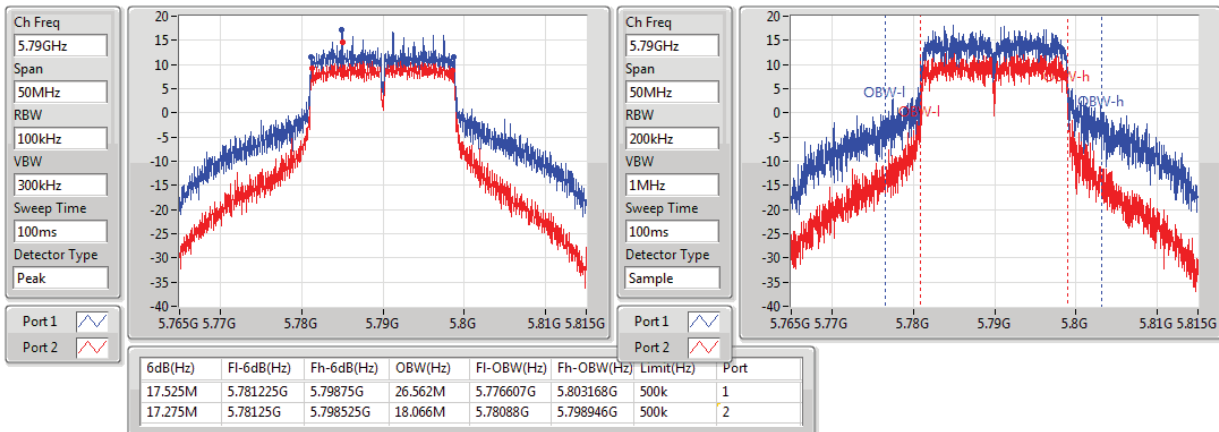
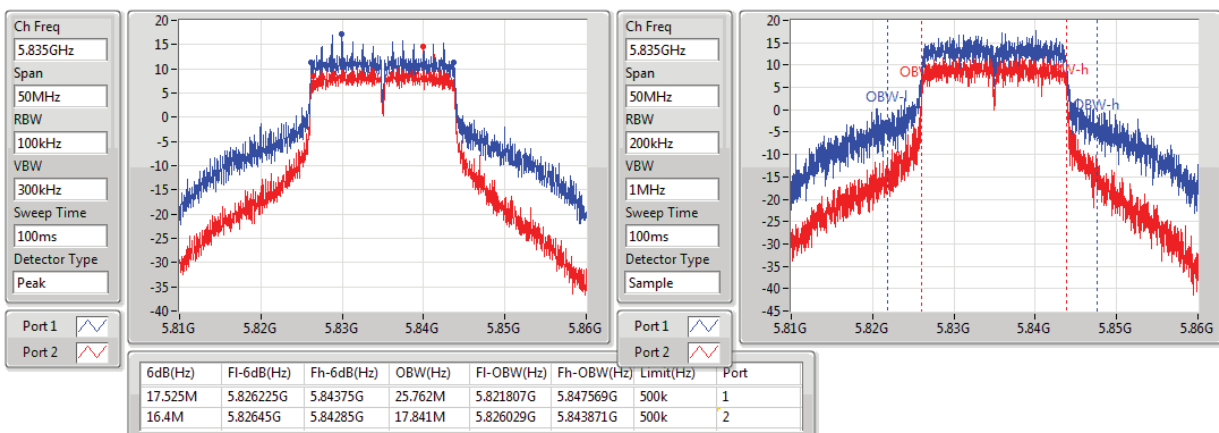
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

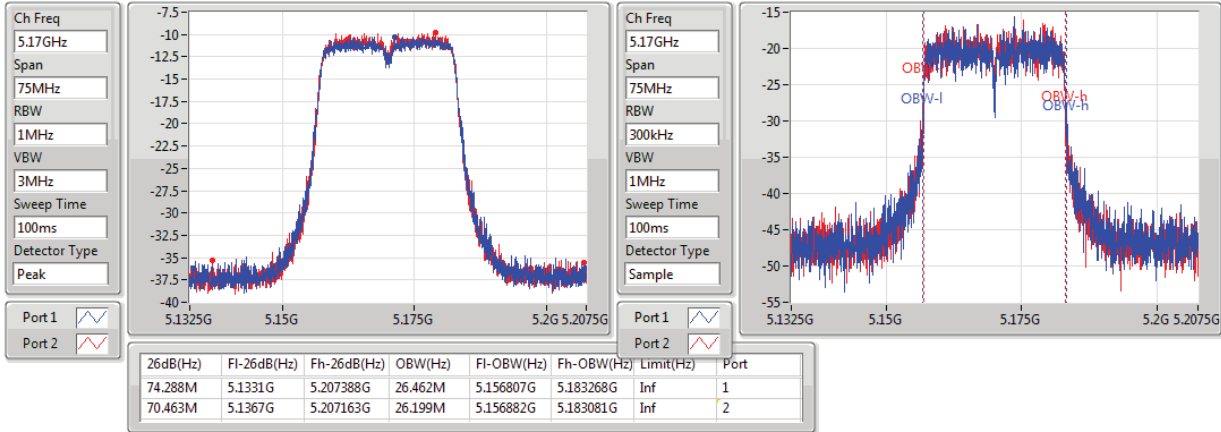
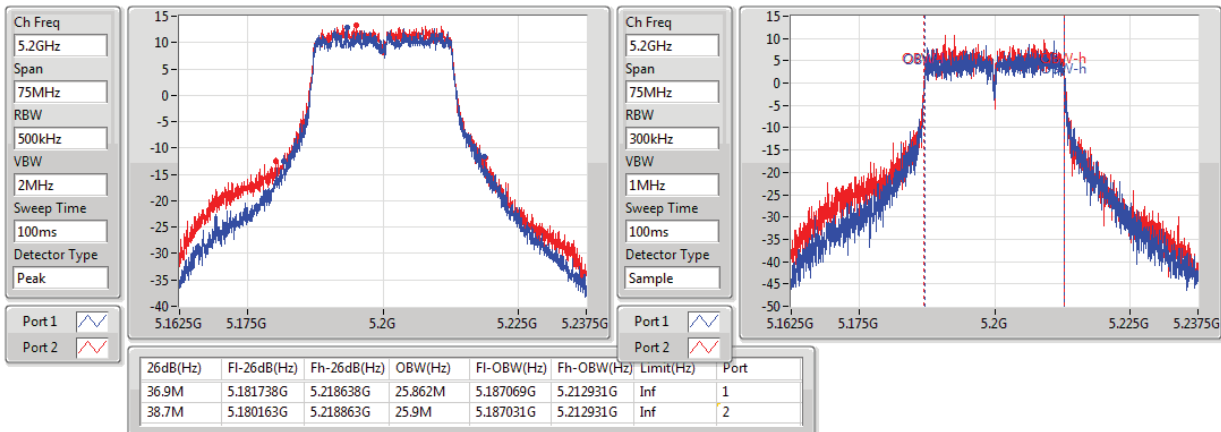
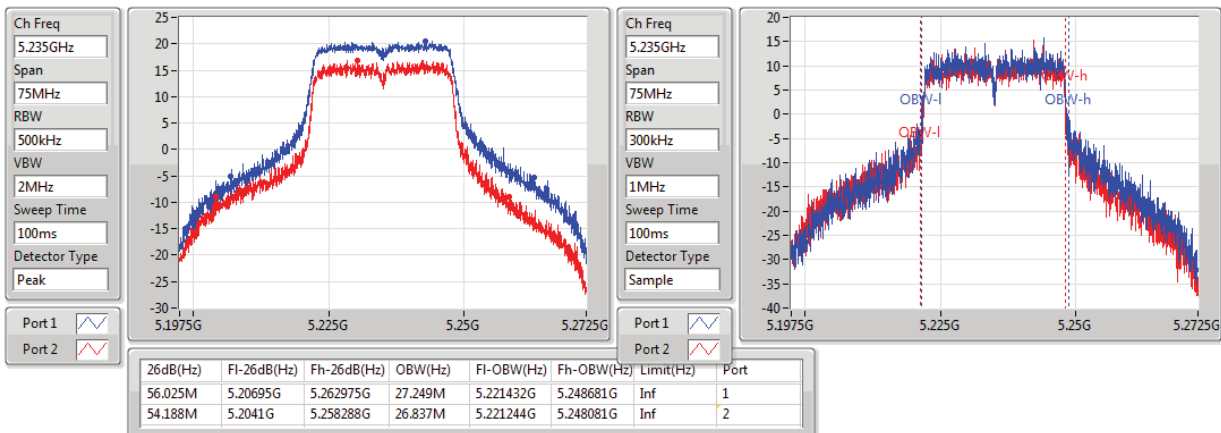
Port X-OBW = Port X 99% occupied bandwidth;

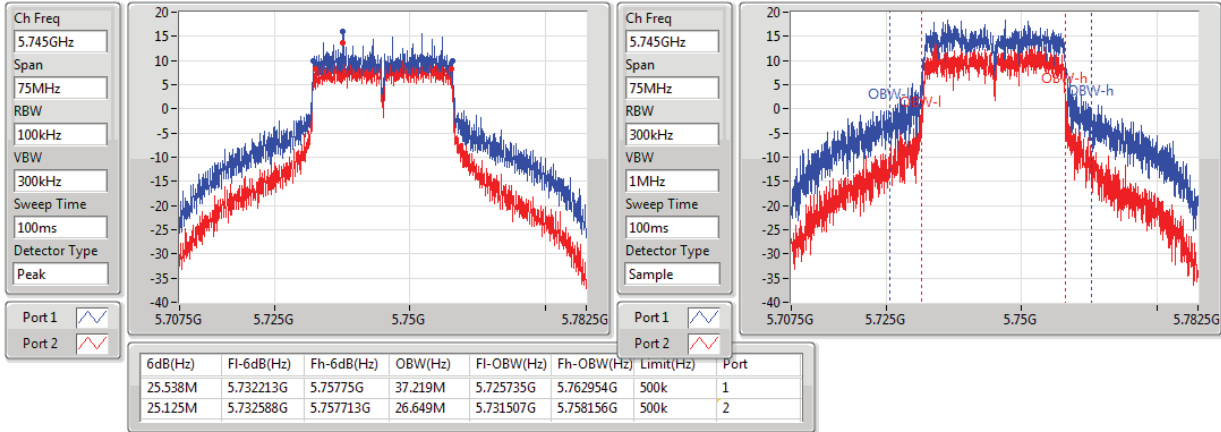
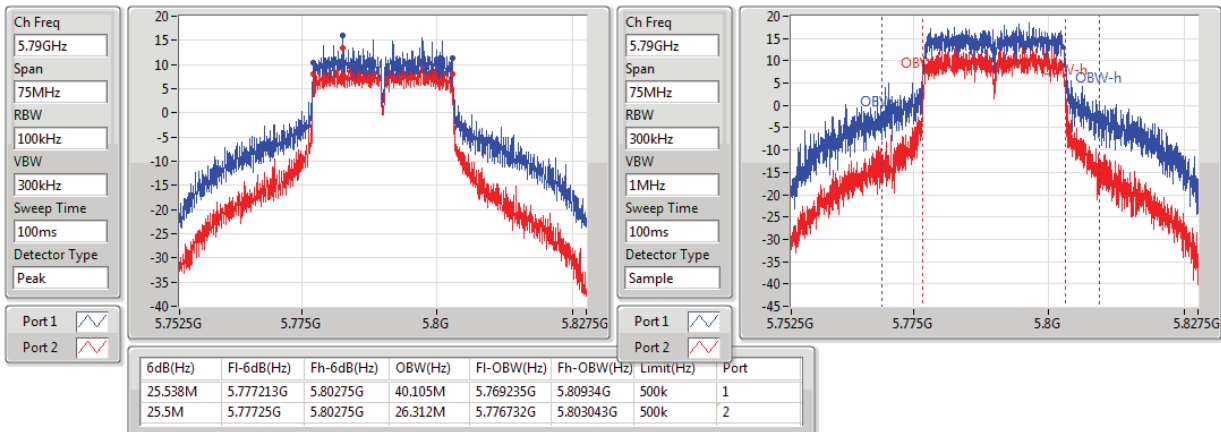
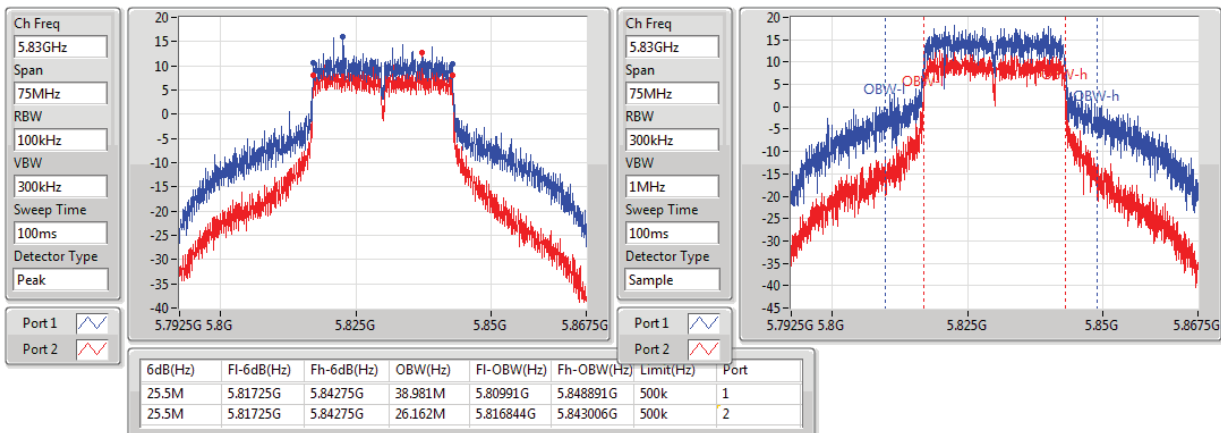
802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5160MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5245MHz


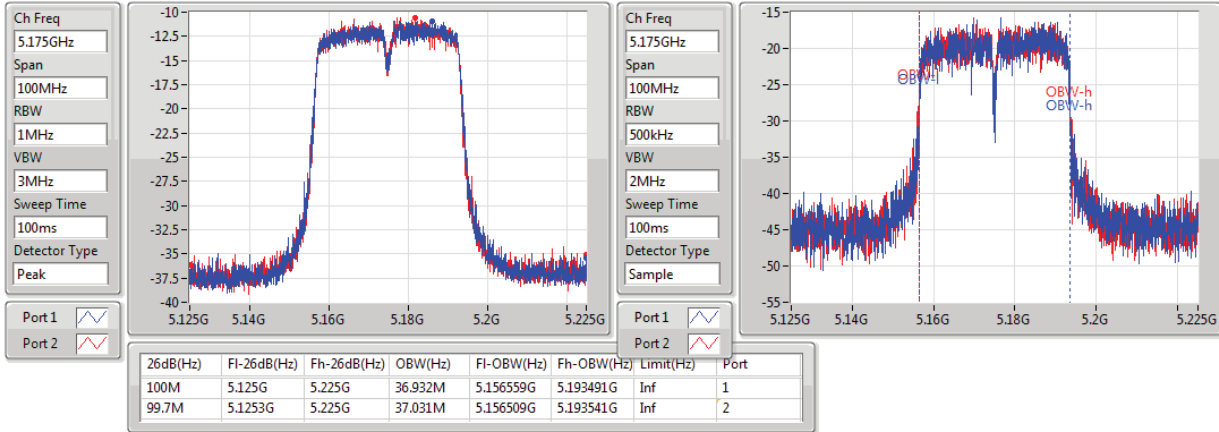
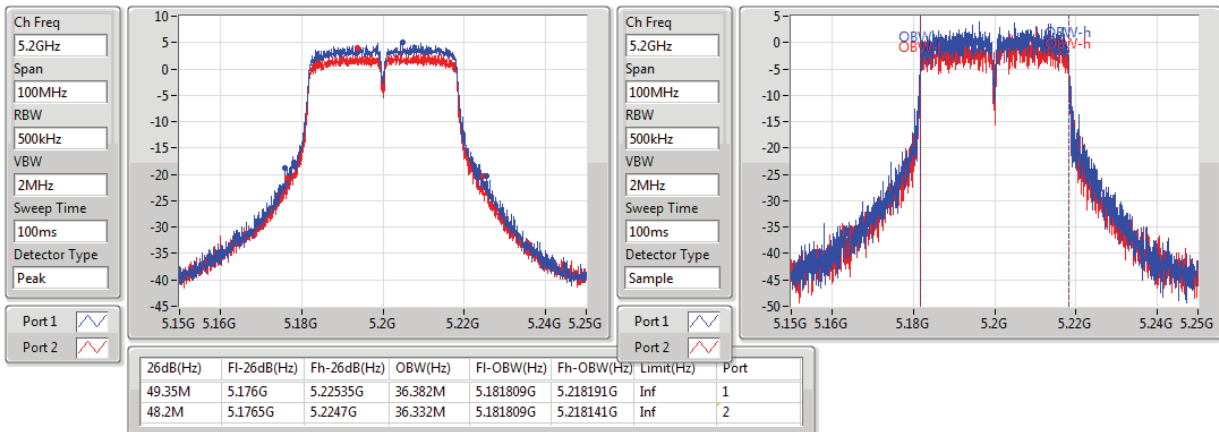
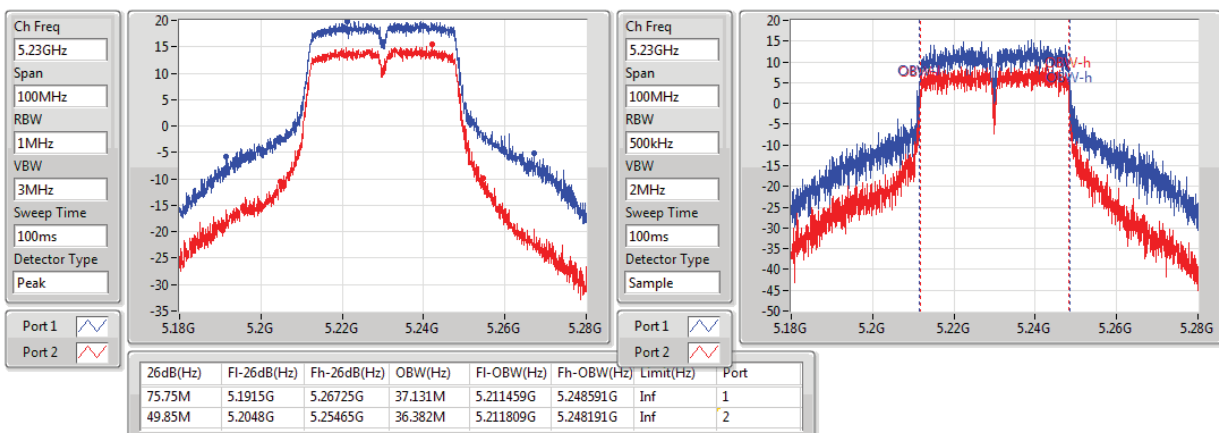
802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5735MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT10_Nss1,(MCS0)_2TX
EBW
5840MHz


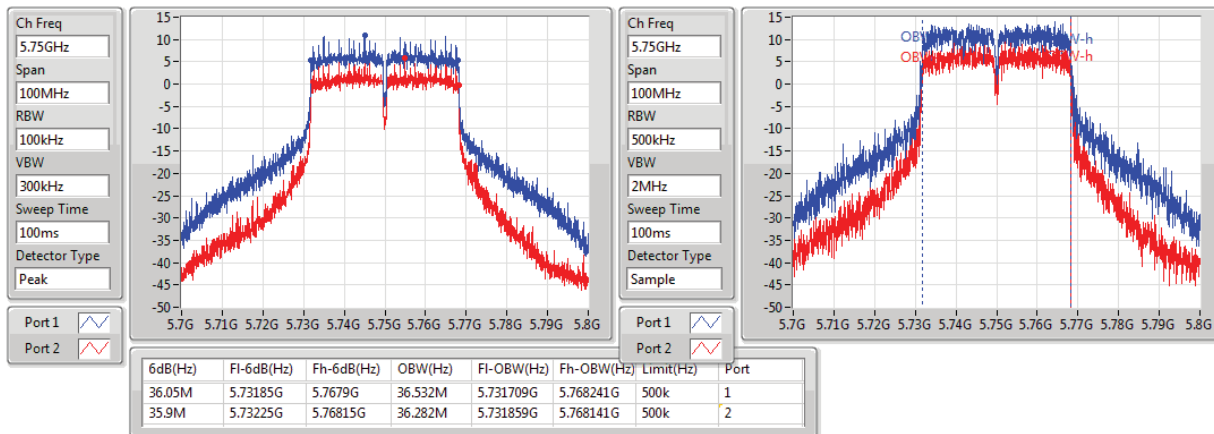
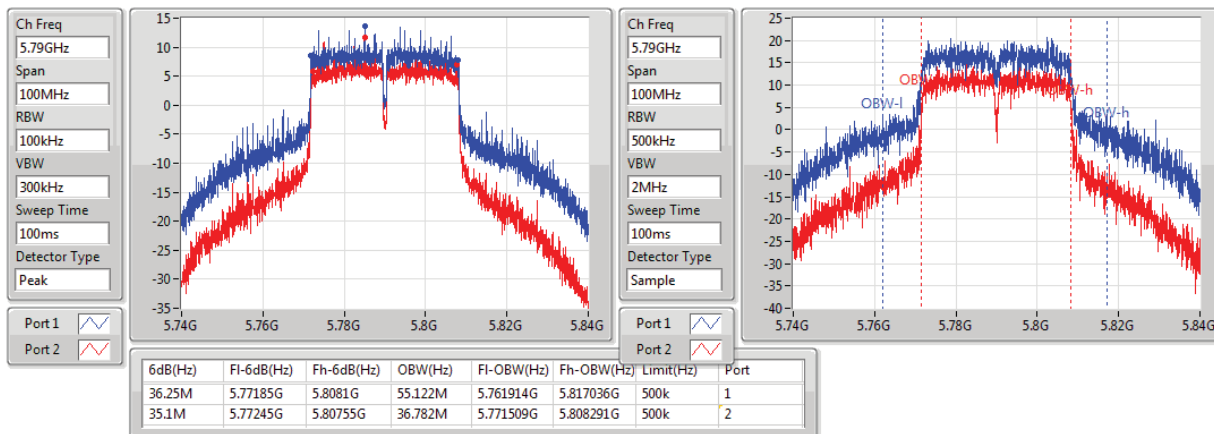
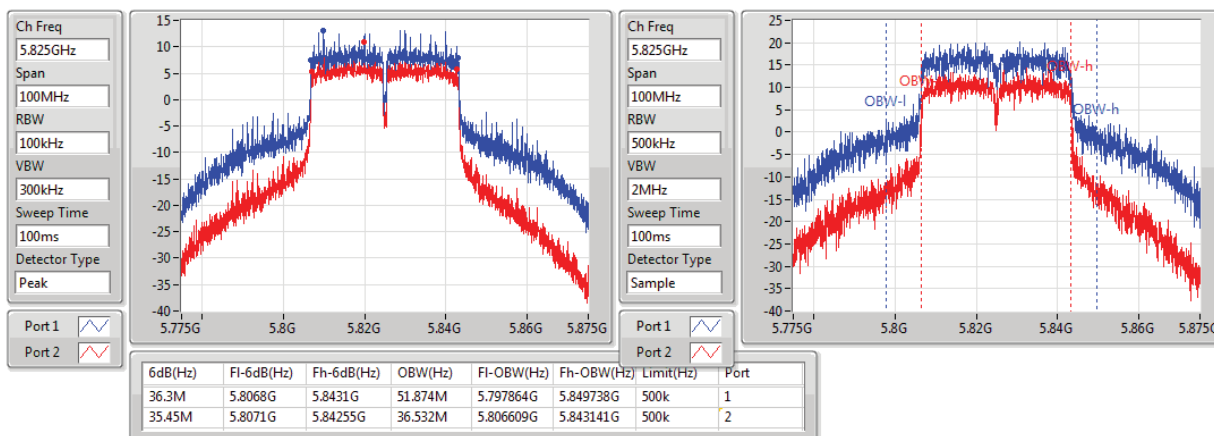
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5165MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz


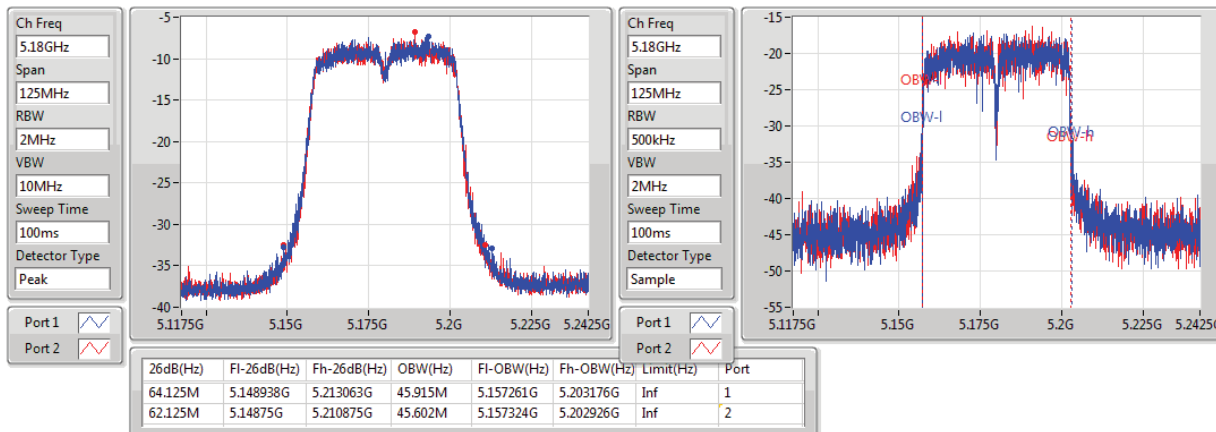
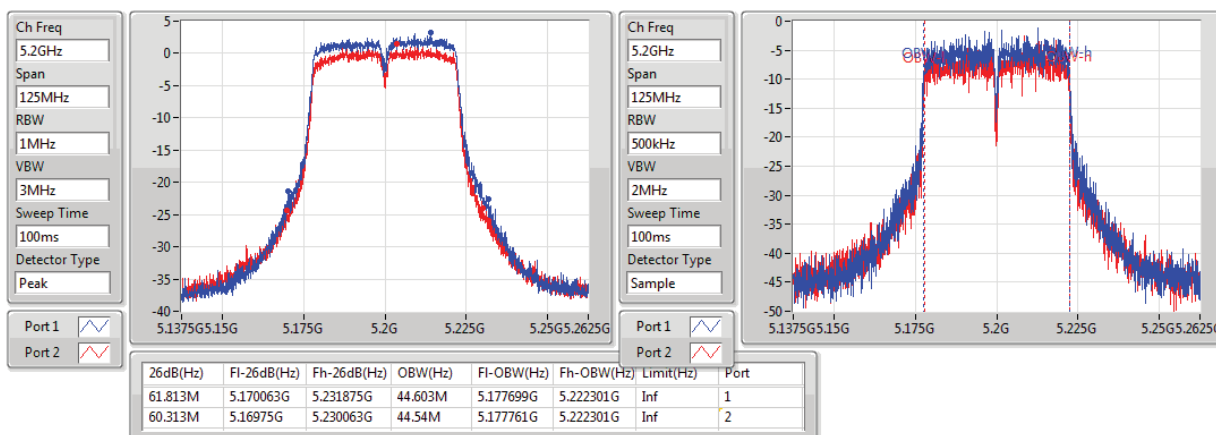
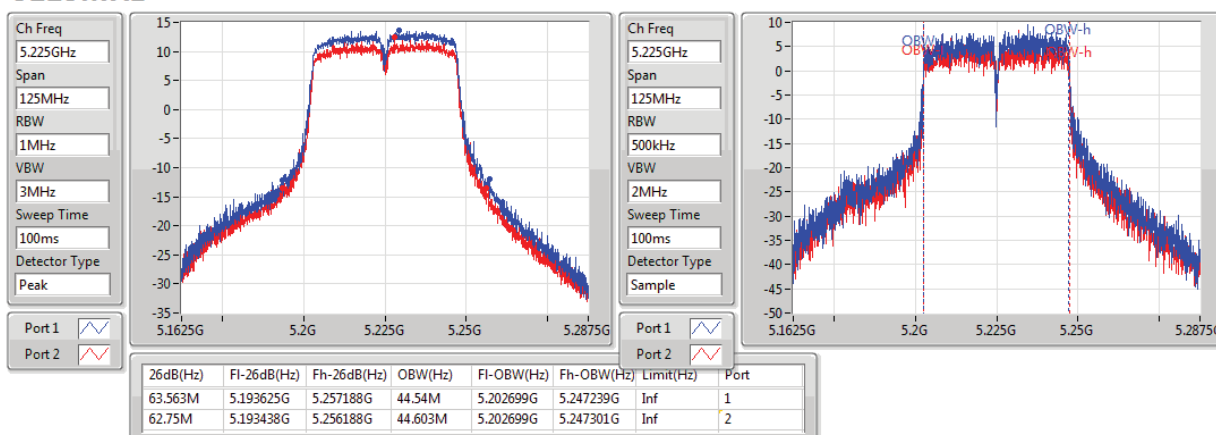
802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5740MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5835MHz


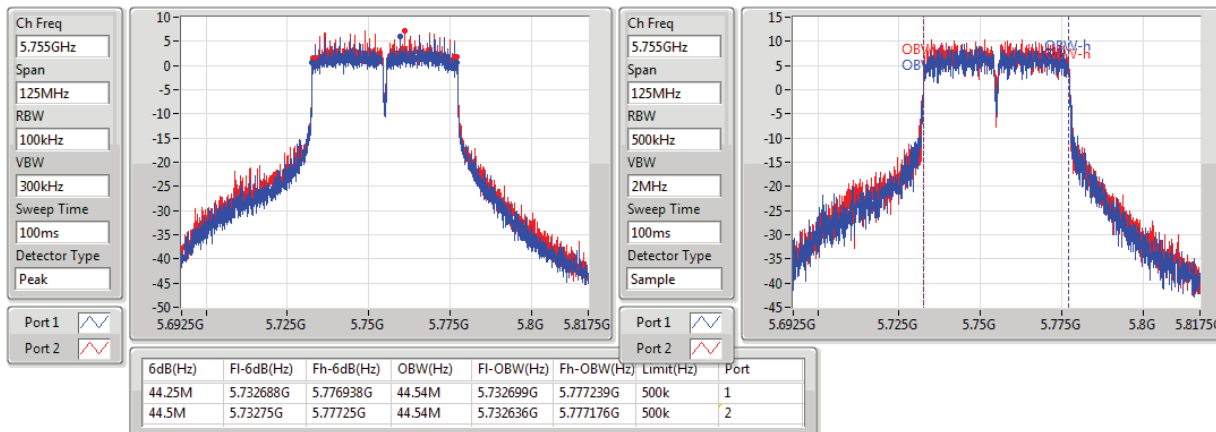
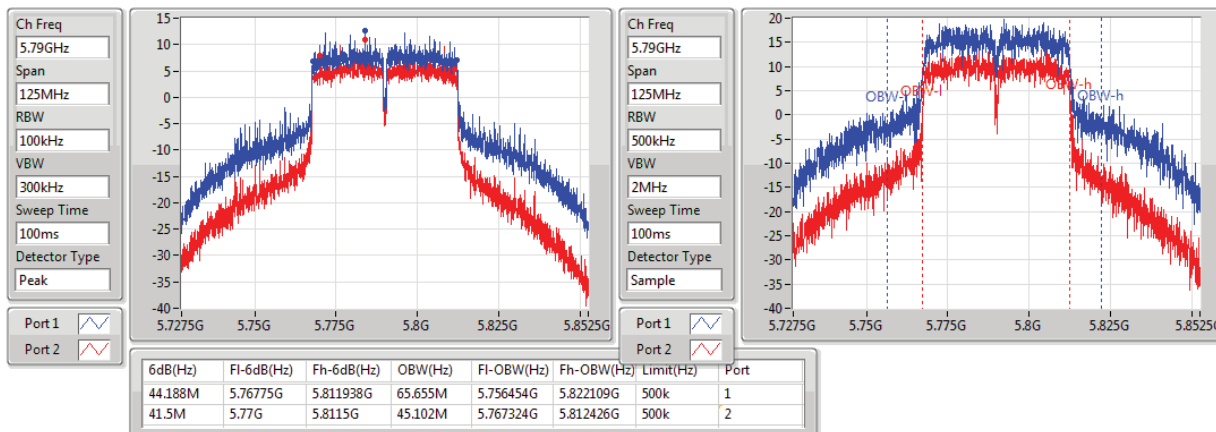
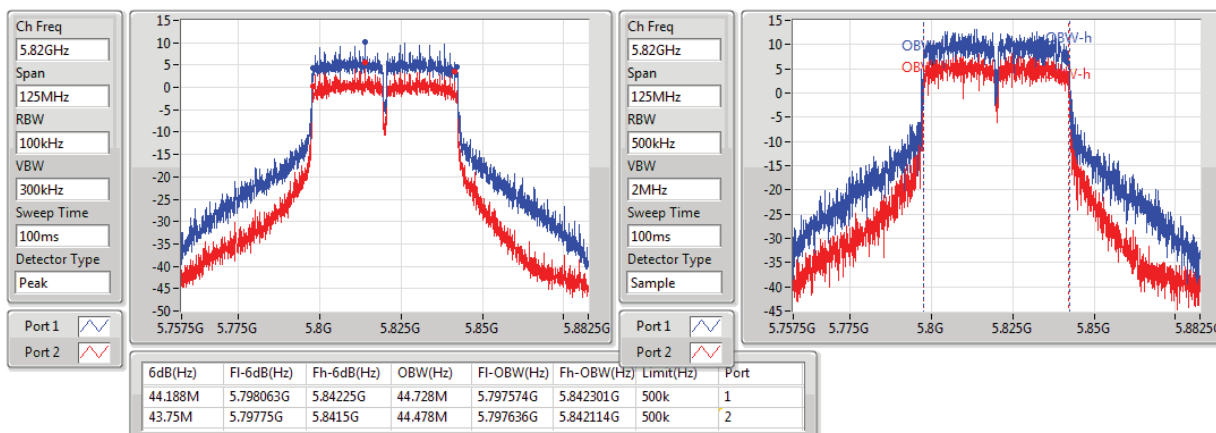
802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5170MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5235MHz


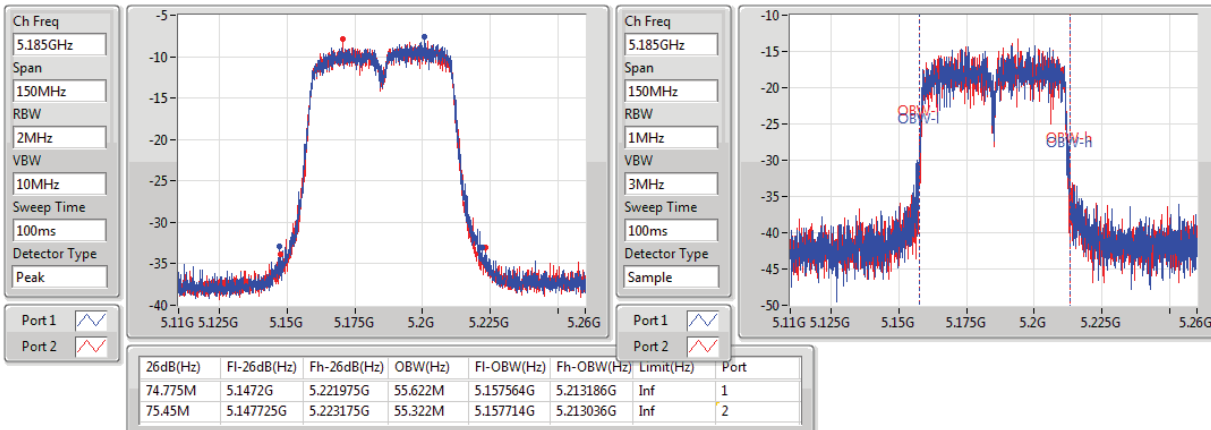
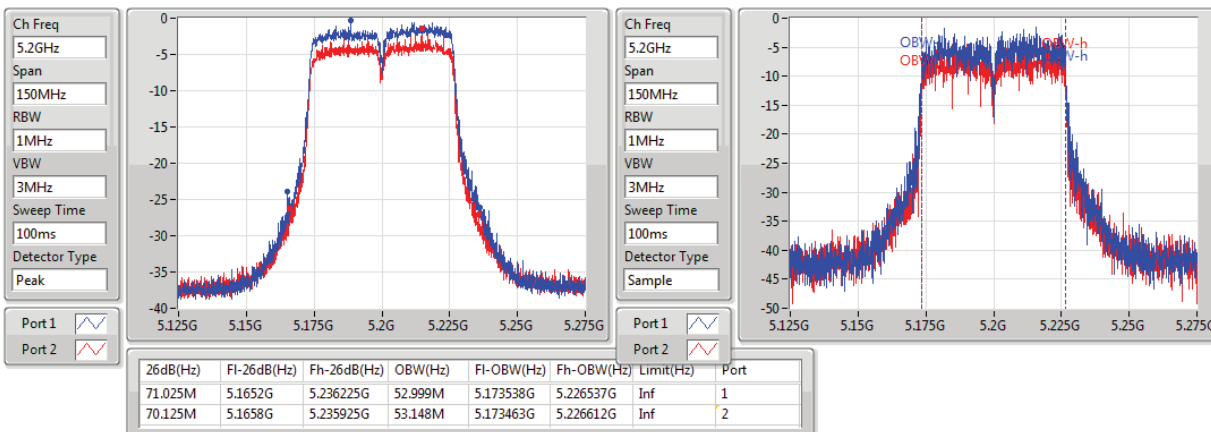
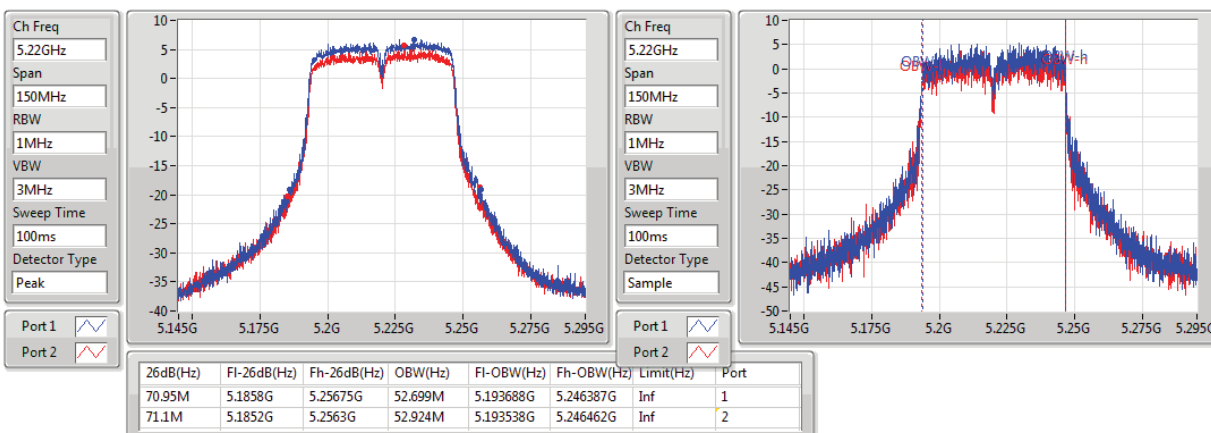
802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5745MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT30_Nss1,(MCS0)_2TX
EBW
5830MHz


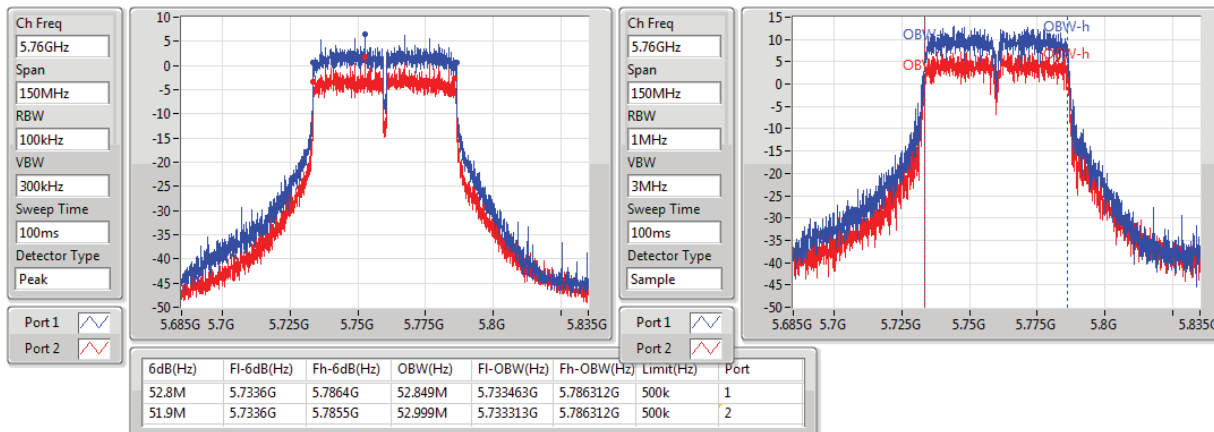
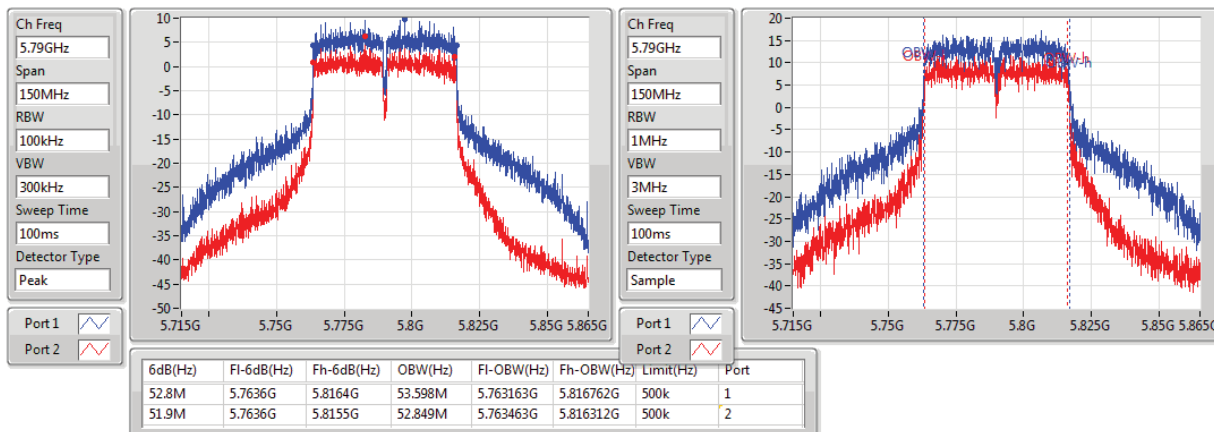
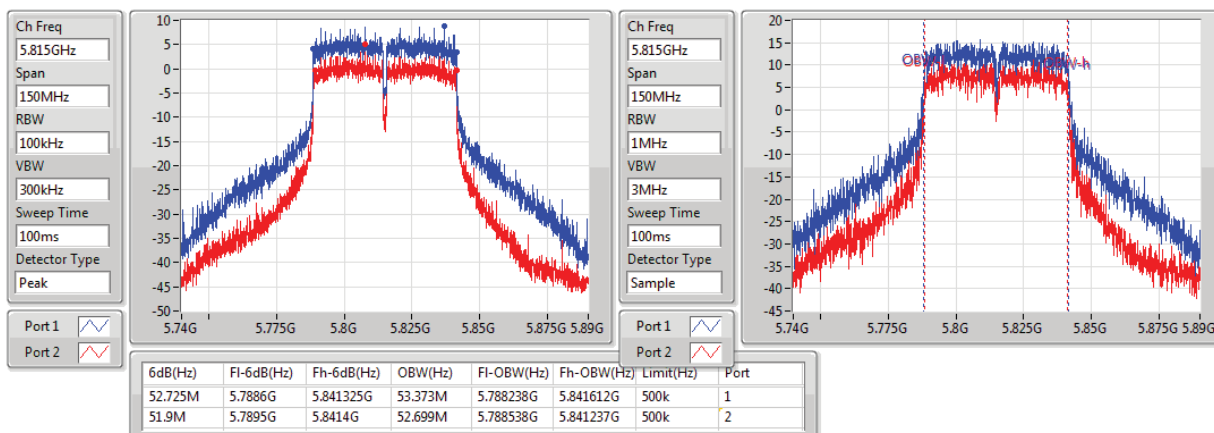
802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5175MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz


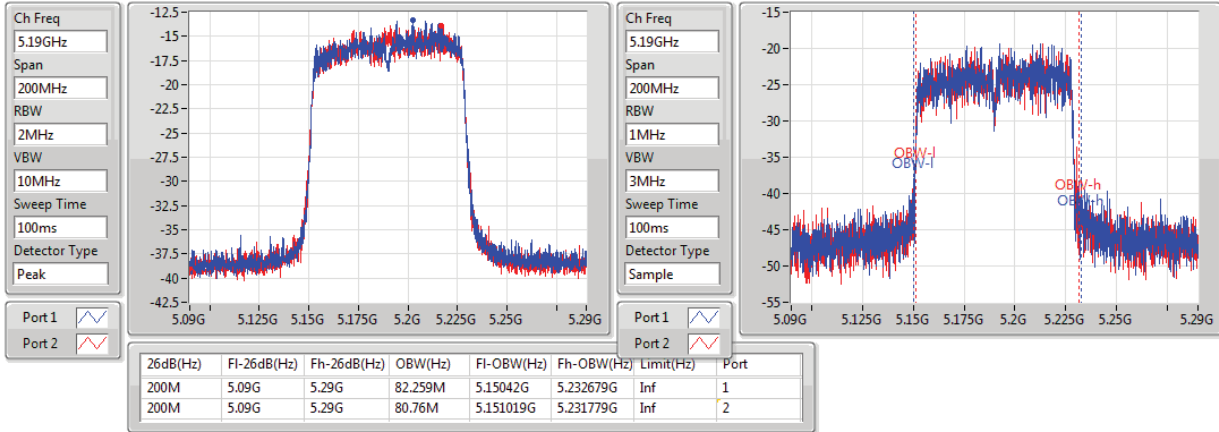
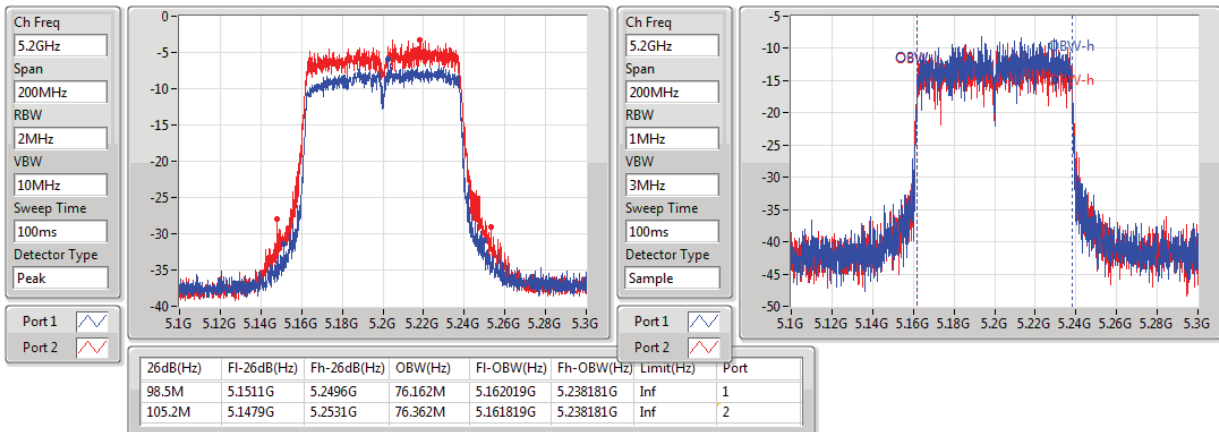
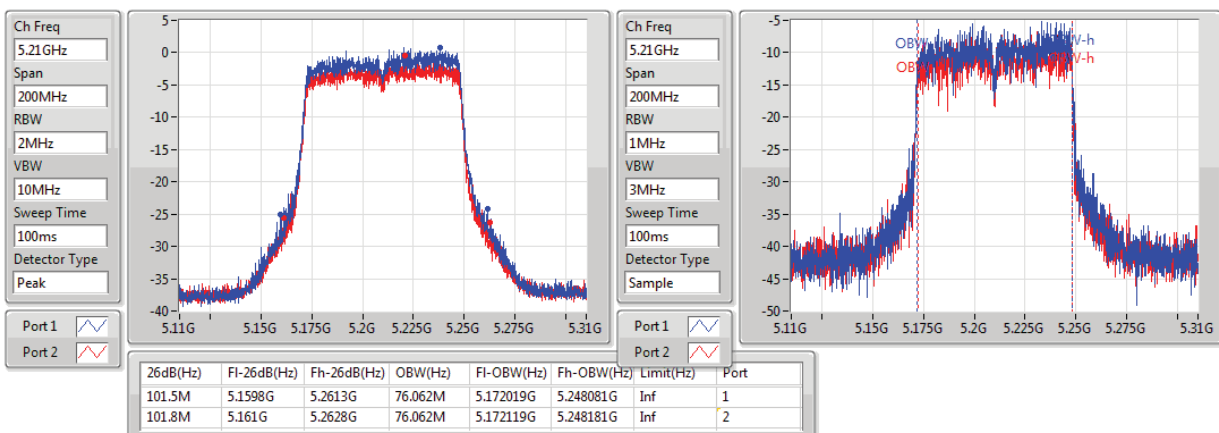
802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5750MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5825MHz


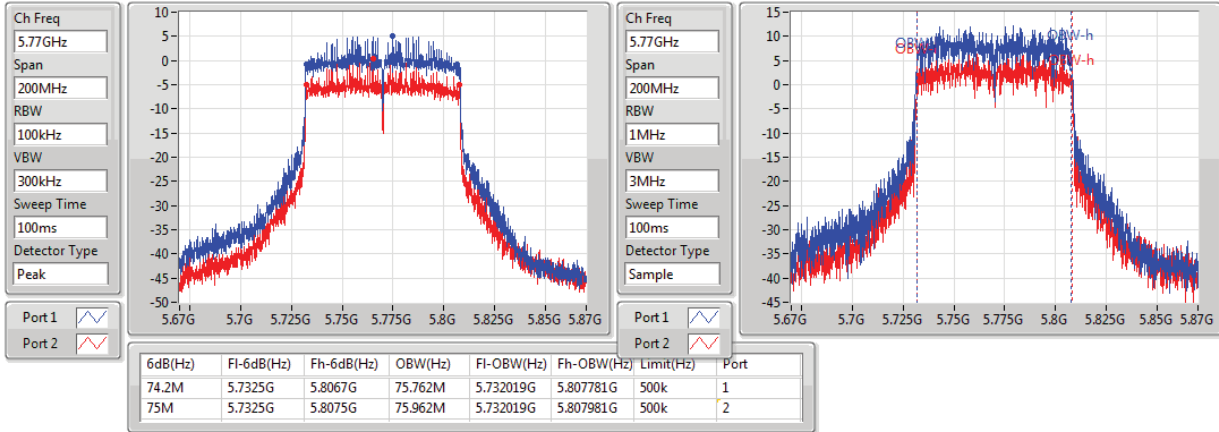
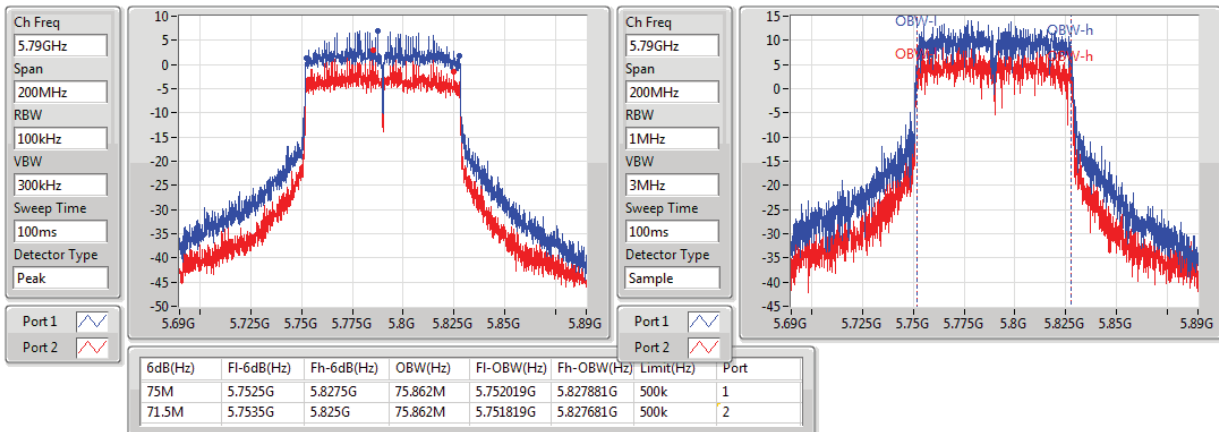
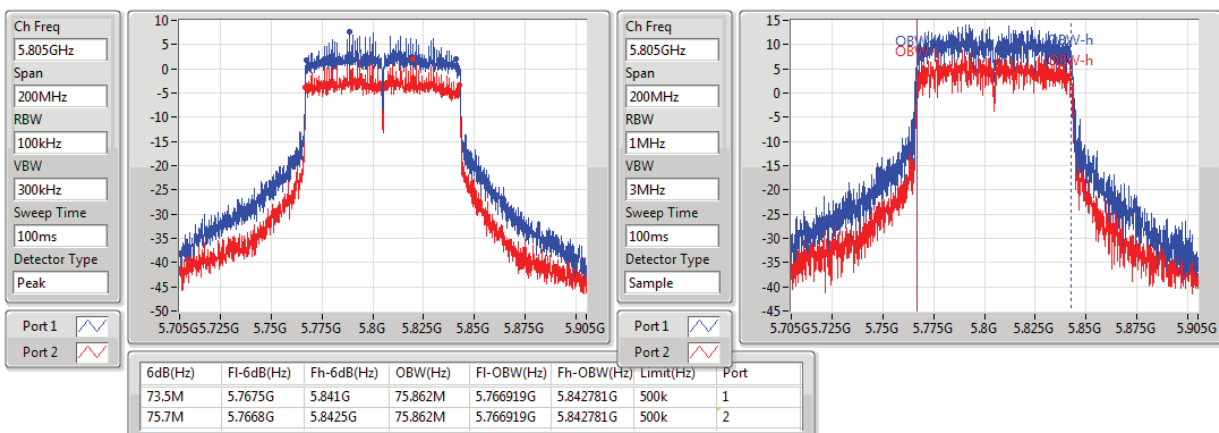
802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5180MHz

802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5225MHz


802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5755MHz

802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT50_Nss1,(MCS0)_2TX
EBW
5820MHz


802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5185MHz

802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5220MHz


802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5760MHz

802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT60_Nss1,(MCS0)_2TX
EBW
5815MHz


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5190MHz

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5200MHz

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5770MHz

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5790MHz

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5805MHz




Power Result (Point-to-multipoint)

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	4.95	0.00313	20.95	0.12445
802.11ac VHT20_Nss1,(MCS0)_2TX	4.88	0.00308	20.88	0.12246
802.11ac VHT30_Nss1,(MCS0)_2TX	4.93	0.00311	20.93	0.12388
802.11ac VHT40_Nss1,(MCS0)_2TX	4.53	0.00284	20.53	0.11298
5.725-5.85GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	19.36	0.08630	35.36	3.43558
802.11ac VHT20_Nss1,(MCS0)_2TX	19.16	0.08241	35.16	3.28095
802.11ac VHT30_Nss1,(MCS0)_2TX	19.24	0.08395	35.24	3.34195
802.11ac VHT40_Nss1,(MCS0)_2TX	19.72	0.09376	35.72	3.73250



Power Result (Point-to-multipoint)

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	16.00	1.96	0.76	4.41	20.00	20.41	36.00
5200MHz	Pass	16.00	2.48	1.20	4.90	20.00	20.90	36.00
5245MHz	Pass	16.00	2.50	1.30	4.95	20.00	20.95	36.00
5735MHz	Pass	16.00	15.82	16.83	19.36	20.00	35.36	36.00
5790MHz	Pass	16.00	15.71	16.53	19.15	20.00	35.15	36.00
5840MHz	Pass	16.00	15.75	16.53	19.17	20.00	35.17	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	16.00	-0.93	-0.98	2.06	20.00	18.06	36.00
5200MHz	Pass	16.00	2.41	1.26	4.88	20.00	20.88	36.00
5240MHz	Pass	16.00	2.39	1.25	4.87	20.00	20.87	36.00
5740MHz	Pass	16.00	15.65	16.59	19.16	20.00	35.16	36.00
5790MHz	Pass	16.00	15.57	16.42	19.03	20.00	35.03	36.00
5835MHz	Pass	16.00	15.58	16.47	19.06	20.00	35.06	36.00
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	16.00	-5.02	-4.99	-1.99	20.00	14.01	36.00
5200MHz	Pass	16.00	2.47	1.30	4.93	20.00	20.93	36.00
5235MHz	Pass	16.00	2.38	1.35	4.91	20.00	20.91	36.00
5745MHz	Pass	16.00	15.76	16.66	19.24	20.00	35.24	36.00
5790MHz	Pass	16.00	15.63	16.39	19.04	20.00	35.04	36.00
5830MHz	Pass	16.00	15.61	16.45	19.06	20.00	35.06	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	16.00	-5.43	-5.46	-2.43	20.00	13.57	36.00
5200MHz	Pass	16.00	1.90	0.82	4.40	20.00	20.40	36.00
5230MHz	Pass	16.00	1.98	1.01	4.53	20.00	20.53	36.00
5750MHz	Pass	16.00	16.22	17.15	19.72	20.00	35.72	36.00
5790MHz	Pass	16.00	16.03	16.85	19.47	20.00	35.47	36.00
5825MHz	Pass	16.00	16.06	16.96	19.54	20.00	35.54	36.00

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



Power Result (Point-to-point)

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	24.63	0.29040	40.63	11.56112
802.11ac VHT20_Nss1,(MCS0)_2TX	24.98	0.31477	40.98	12.53141
802.11ac VHT30_Nss1,(MCS0)_2TX	24.59	0.28774	40.59	11.45513
802.11ac VHT40_Nss1,(MCS0)_2TX	24.65	0.29174	40.65	11.61449
802.11ac VHT50_Nss1,(MCS0)_2TX	22.41	0.17418	38.41	6.93426
802.11ac VHT60_Nss1,(MCS0)_2TX	16.49	0.04457	32.49	1.77419
802.11ac VHT80_Nss1,(MCS0)_2TX	6.96	0.00497	22.96	0.19770
5.725-5.85GHz	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	24.10	0.25704	40.10	10.23293
802.11ac VHT20_Nss1,(MCS0)_2TX	24.93	0.31117	40.93	12.38797
802.11ac VHT30_Nss1,(MCS0)_2TX	24.91	0.30974	40.91	12.33105
802.11ac VHT40_Nss1,(MCS0)_2TX	24.97	0.31405	40.97	12.50259
802.11ac VHT50_Nss1,(MCS0)_2TX	24.75	0.29854	40.75	11.88502
802.11ac VHT60_Nss1,(MCS0)_2TX	24.37	0.27353	40.37	10.88930
802.11ac VHT80_Nss1,(MCS0)_2TX	24.81	0.30269	40.81	12.05036

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz_TnomVnom	Pass	16.00	5.99	4.54	8.34	30.00	24.34	53.00
5200MHz_TnomVnom	Pass	16.00	18.07	18.16	21.13	30.00	37.13	53.00
5245MHz_TnomVnom	Pass	16.00	21.10	22.09	24.63	30.00	40.63	53.00
5735MHz_TnomVnom	Pass	16.00	19.98	20.75	23.39	30.00	39.39	Inf
5790MHz_TnomVnom	Pass	16.00	20.73	21.43	24.10	30.00	40.10	Inf
5840MHz_TnomVnom	Pass	16.00	20.69	21.28	24.01	30.00	40.01	Inf
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz_TnomVnom	Pass	16.00	-0.98	-0.87	2.09	30.00	18.09	53.00
5200MHz_TnomVnom	Pass	16.00	22.14	21.79	24.98	30.00	40.98	53.00
5240MHz_TnomVnom	Pass	16.00	21.22	21.92	24.59	30.00	40.59	53.00
5740MHz_TnomVnom	Pass	16.00	20.80	21.69	24.28	30.00	40.28	Inf
5790MHz_TnomVnom	Pass	16.00	20.75	21.40	24.10	30.00	40.10	Inf
5835MHz_TnomVnom	Pass	16.00	21.63	22.20	24.93	30.00	40.93	Inf
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz_TnomVnom	Pass	16.00	-4.91	-4.80	-1.84	30.00	14.16	53.00
5200MHz_TnomVnom	Pass	16.00	19.99	20.99	23.53	30.00	39.53	53.00
5235MHz_TnomVnom	Pass	16.00	21.18	21.95	24.59	30.00	40.59	53.00
5745MHz_TnomVnom	Pass	16.00	20.90	21.64	24.30	30.00	40.30	Inf
5790MHz_TnomVnom	Pass	16.00	21.60	22.18	24.91	30.00	40.91	Inf
5830MHz_TnomVnom	Pass	16.00	20.73	21.35	24.06	30.00	40.06	Inf
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz_TnomVnom	Pass	16.00	-5.33	-5.31	-2.31	30.00	13.69	53.00
5200MHz_TnomVnom	Pass	16.00	14.29	12.58	16.53	30.00	32.53	53.00
5230MHz_TnomVnom	Pass	16.00	23.04	19.57	24.65	30.00	40.65	53.00
5750MHz_TnomVnom	Pass	16.00	23.04	18.28	24.29	30.00	40.29	Inf
5790MHz_TnomVnom	Pass	16.00	22.96	17.70	24.09	30.00	40.09	Inf
5825MHz_TnomVnom	Pass	16.00	23.75	18.84	24.97	30.00	40.97	Inf
802.11ac VHT50_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	16.00	-5.30	-5.35	-2.31	30.00	13.69	53.00
5200MHz_TnomVnom	Pass	16.00	9.63	7.81	11.82	30.00	27.82	53.00
5225MHz_TnomVnom	Pass	16.00	20.20	18.42	22.41	30.00	38.41	53.00
5755MHz_TnomVnom	Pass	16.00	21.28	22.16	24.75	30.00	40.75	Inf
5790MHz_TnomVnom	Pass	16.00	23.00	18.12	24.22	30.00	40.22	Inf
5820MHz_TnomVnom	Pass	16.00	22.92	18.43	24.24	30.00	40.24	Inf
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5185MHz_TnomVnom	Pass	16.00	-5.17	-5.34	-2.24	30.00	13.76	53.00
5200MHz_TnomVnom	Pass	16.00	7.07	4.83	9.10	30.00	25.10	53.00
5220MHz_TnomVnom	Pass	16.00	14.28	12.49	16.49	30.00	32.49	53.00
5760MHz_TnomVnom	Pass	16.00	22.05	16.76	23.18	30.00	39.18	Inf
5790MHz_TnomVnom	Pass	16.00	23.00	18.68	24.37	30.00	40.37	Inf
5815MHz_TnomVnom	Pass	16.00	22.88	18.72	24.29	30.00	40.29	Inf
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	16.00	-10.45	-10.59	-7.51	30.00	8.49	53.00



Power Result (Point-to-point)

Appendix C.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5200MHz_TnomVnom	Pass	16.00	1.56	0.48	4.06	30.00	20.06	53.00
5210MHz_TnomVnom	Pass	16.00	4.66	3.10	6.96	30.00	22.96	53.00
5770MHz_TnomVnom	Pass	16.00	21.72	16.56	22.88	30.00	38.88	Inf
5790MHz_TnomVnom	Pass	16.00	23.58	18.50	24.75	30.00	40.75	Inf
5805MHz_TnomVnom	Pass	16.00	23.62	18.62	24.81	30.00	40.81	Inf

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



MAX. E.I.R.P. At Any Elevation Angle Above 30 Degrees Result

Appendix C.3

Mode	Frequency	Modulation	Channel	Data Rate	Conducted Pass Setting	Port. 1 (dBm)	Port. 2 (dBm)	Total (dBm)	Elevation angle above 30°Max Gain(dBi)	Elevation angle above 30°Max EIRP (dBm)	EIRP Power Limit dBm	Test Result
Non BF (ANT 0+1)	5160MHz	VHT10	Ch32	MCS0	0.5	1.96	0.76	4.41	16.000	20.41	21.00	Complies
	5200MHz	VHT10	Ch40	MCS0	0.5	2.48	1.2	4.90	16.000	20.90	21.00	Complies
	5245MHz	VHT10	Ch49	MCS0	0.5	2.5	1.3	4.95	16.000	20.95	21.00	Complies
	5165MHz	VHT20	Ch33	MCS0	-2	-0.93	-0.98	2.06	16.000	18.06	21.00	Complies
	5200MHz	VHT20	Ch40	MCS0	0.5	2.41	1.26	4.88	16.000	20.88	21.00	Complies
	5240MHz	VHT20	Ch48	MCS0	0.5	2.39	1.25	4.87	16.000	20.87	21.00	Complies
	5170MHz	VHT30	Ch34	MCS0	-6.5	-5.02	-4.99	-1.99	16.000	14.01	21.00	Complies
	5200MHz	VHT30	Ch40	MCS0	0.5	2.47	1.3	4.93	16.000	20.93	21.00	Complies
	5235MHz	VHT30	Ch47	MCS0	0.5	2.38	1.35	4.91	16.000	20.91	21.00	Complies
	5175MHz	VHT40	Ch35	MCS0	-6	-5.43	-5.46	-2.43	16.000	13.57	21.00	Complies
	5200MHz	VHT40	Ch40	MCS0	0.5	1.9	0.82	4.40	16.000	20.40	21.00	Complies
	5230MHz	VHT40	Ch46	MCS0	0.5	1.98	1.01	4.53	16.000	20.53	21.00	Complies

**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	-5.57	13.44
802.11ac VHT20_Nss1,(MCS0)_2TX	-8.55	10.46
802.11ac VHT30_Nss1,(MCS0)_2TX	-9.91	9.10
802.11ac VHT40_Nss1,(MCS0)_2TX	-11.75	7.26
5.725-5.85GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	7.09	26.10
802.11ac VHT20_Nss1,(MCS0)_2TX	4.22	23.23
802.11ac VHT30_Nss1,(MCS0)_2TX	2.88	21.89
802.11ac VHT40_Nss1,(MCS0)_2TX	1.99	21.00

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz	Pass	19.01	-8.74	-9.92	-6.29	3.99	12.72	23.00
5200MHz	Pass	19.01	-8.24	-9.53	-5.83	3.99	13.18	23.00
5245MHz	Pass	19.01	-7.97	-9.23	-5.57	3.99	13.44	23.00
5735MHz	Pass	19.01	3.67	4.61	7.09	16.99	26.10	36.00
5790MHz	Pass	19.01	3.66	4.47	7.04	16.99	26.05	36.00
5840MHz	Pass	19.01	3.50	4.46	6.94	16.99	25.95	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz	Pass	19.01	-14.45	-14.38	-11.43	3.99	7.58	23.00
5200MHz	Pass	19.01	-11.18	-12.20	-8.66	3.99	10.35	23.00
5240MHz	Pass	19.01	-11.06	-12.07	-8.55	3.99	10.46	23.00
5740MHz	Pass	19.01	0.68	1.77	4.22	16.99	23.23	36.00
5790MHz	Pass	19.01	0.78	1.63	4.14	16.99	23.15	36.00
5835MHz	Pass	19.01	0.66	1.68	4.14	16.99	23.15	36.00
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz	Pass	19.01	-19.75	-19.72	-16.75	3.99	2.26	23.00
5200MHz	Pass	19.01	-12.54	-13.54	-10.02	3.99	8.99	23.00
5235MHz	Pass	19.01	-12.44	-13.46	-9.91	3.99	9.10	23.00
5745MHz	Pass	19.01	-0.68	0.39	2.88	16.99	21.89	36.00
5790MHz	Pass	19.01	-0.73	0.30	2.79	16.99	21.80	36.00
5830MHz	Pass	19.01	-0.56	0.18	2.78	16.99	21.79	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz	Pass	19.01	-21.56	-21.60	-18.58	3.99	0.43	23.00
5200MHz	Pass	19.01	-14.32	-15.54	-11.91	3.99	7.10	23.00
5230MHz	Pass	19.01	-14.28	-15.29	-11.75	3.99	7.26	23.00
5750MHz	Pass	19.01	-1.59	-0.46	1.99	16.99	21.00	36.00
5790MHz	Pass	19.01	-1.65	-0.66	1.82	16.99	20.83	36.00
5825MHz	Pass	19.01	-1.49	-0.67	1.91	16.99	20.92	36.00

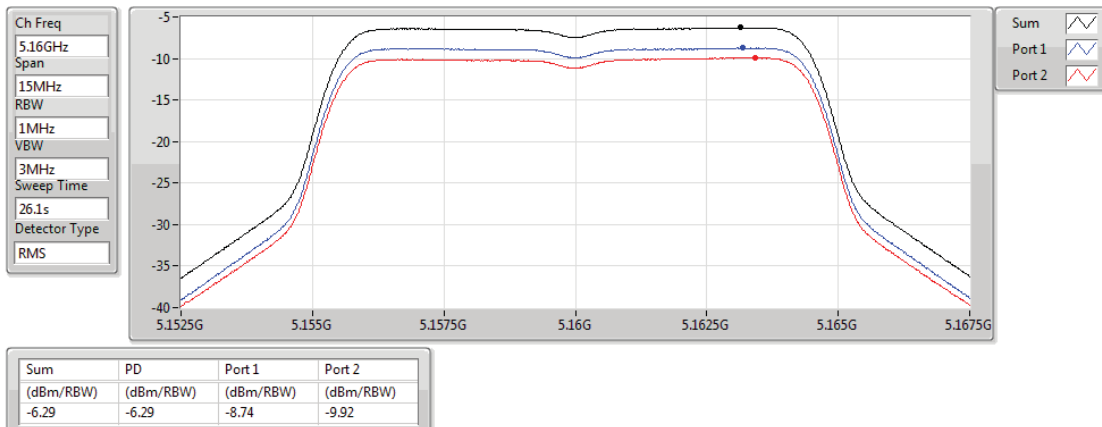
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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

802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

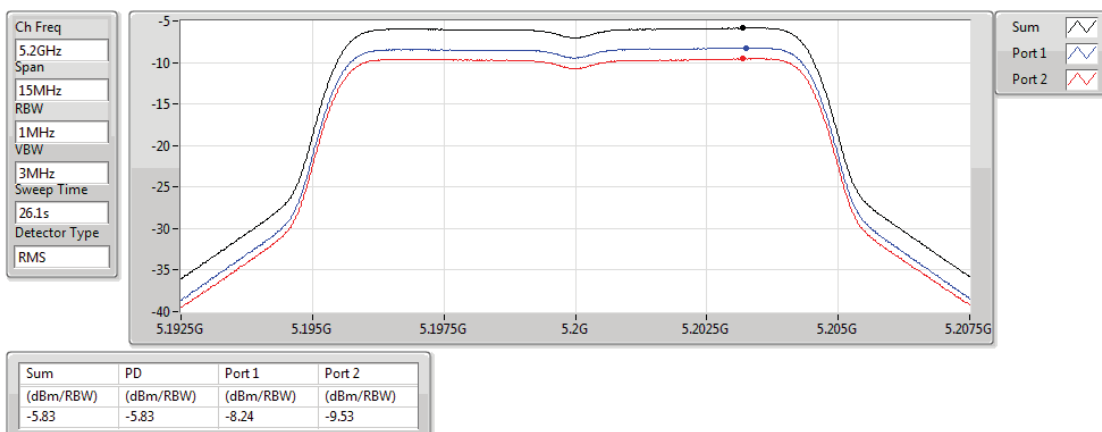
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802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

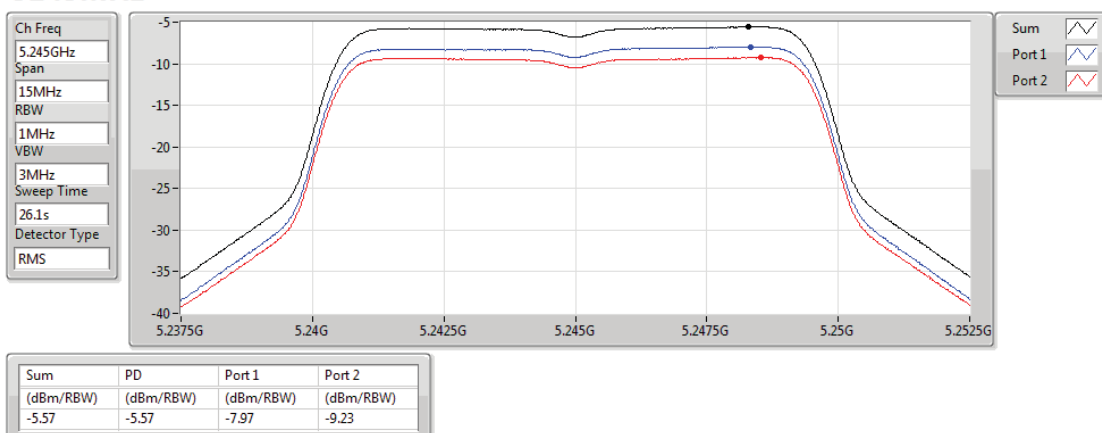
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802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

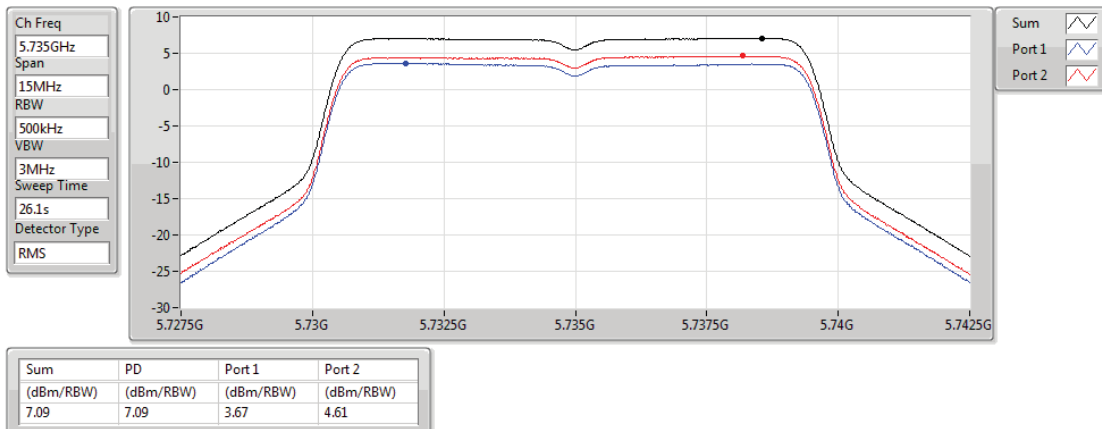
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802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

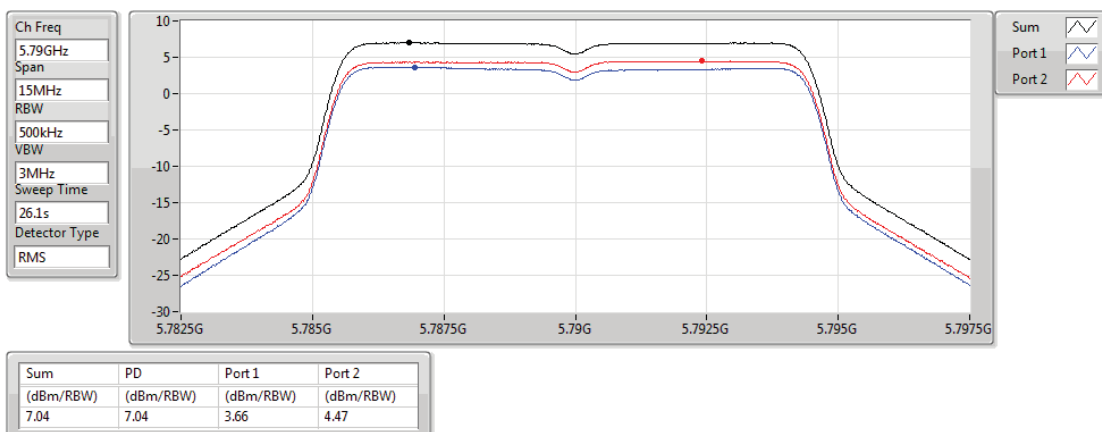
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802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

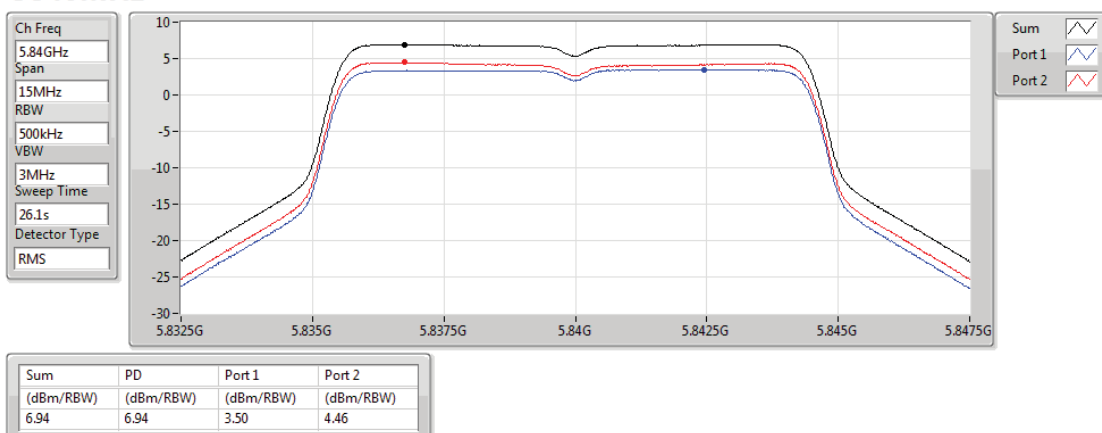
5790MHz



802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

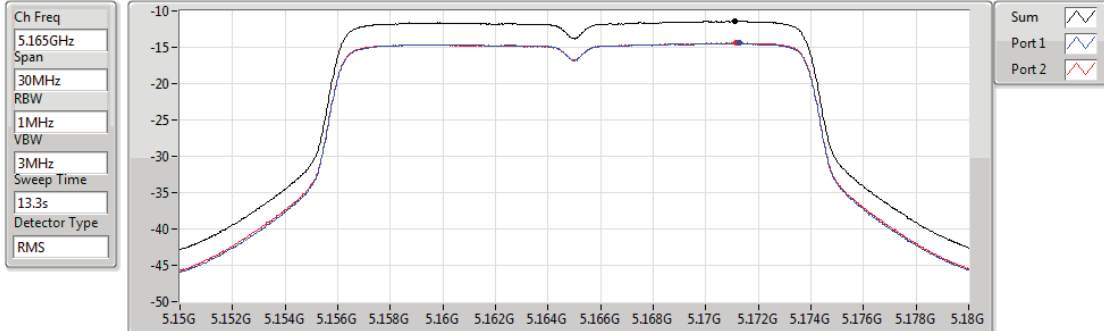
5840MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5165MHz

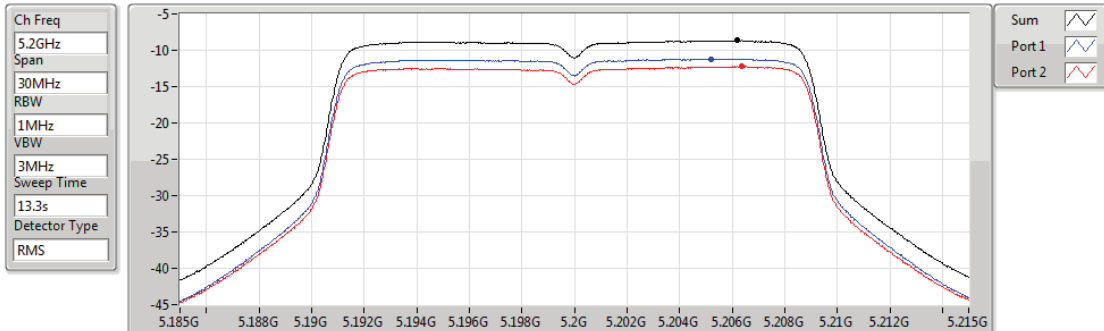


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.43	-11.43	-14.45	-14.38

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

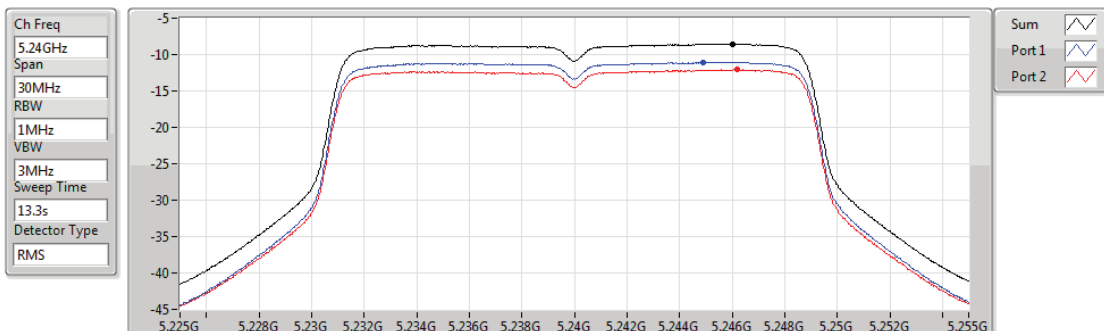


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.66	-8.66	-11.18	-12.20

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

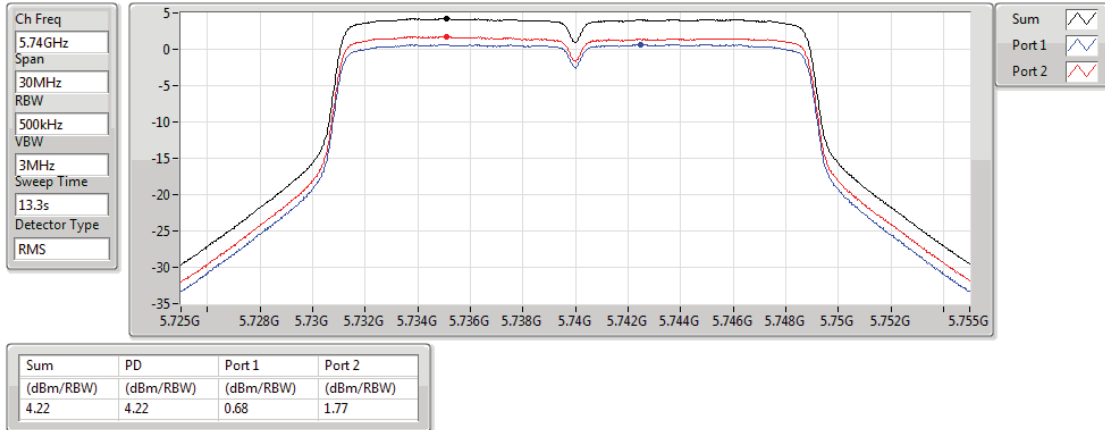


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.55	-8.55	-11.06	-12.07

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

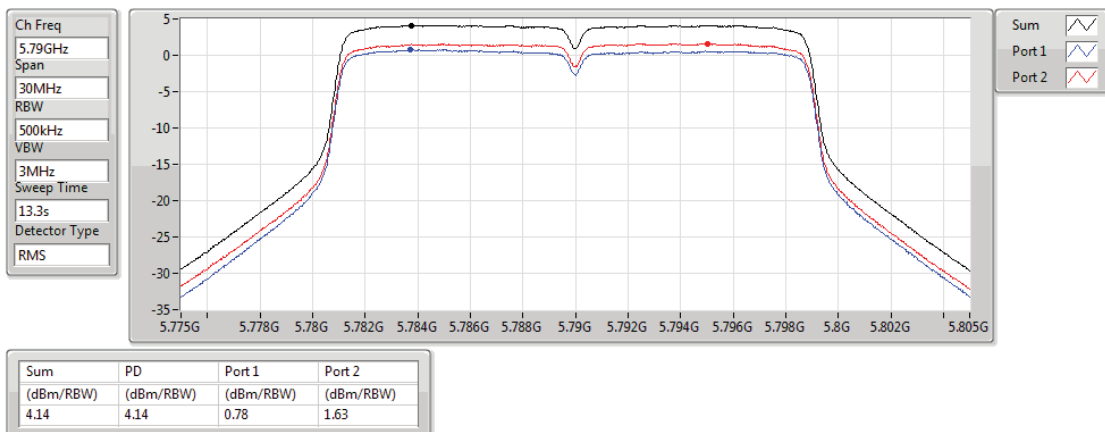
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802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

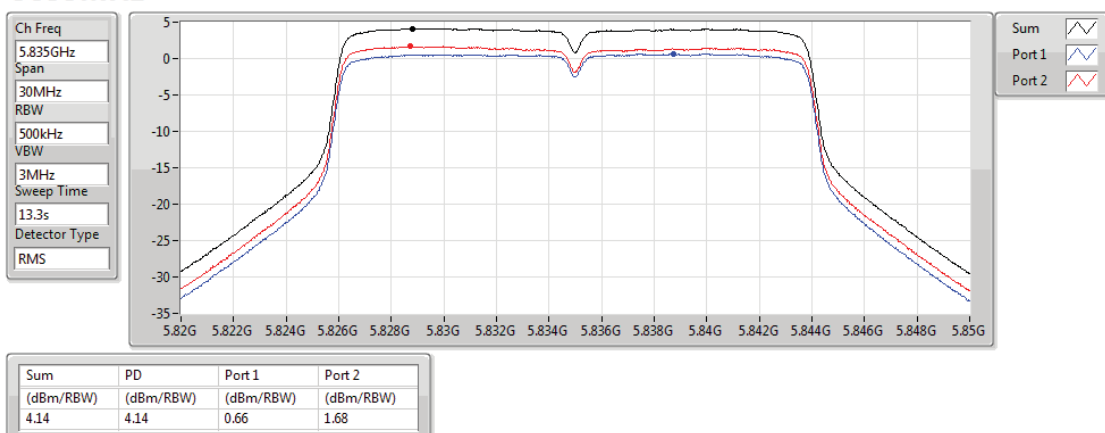
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802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

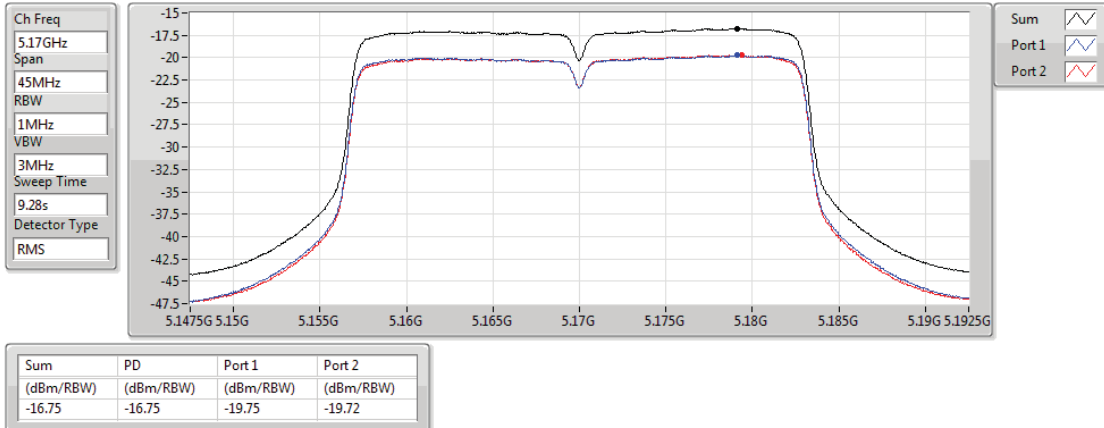
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802.11ac VHT30_Nss1,(MCS0)_2TX

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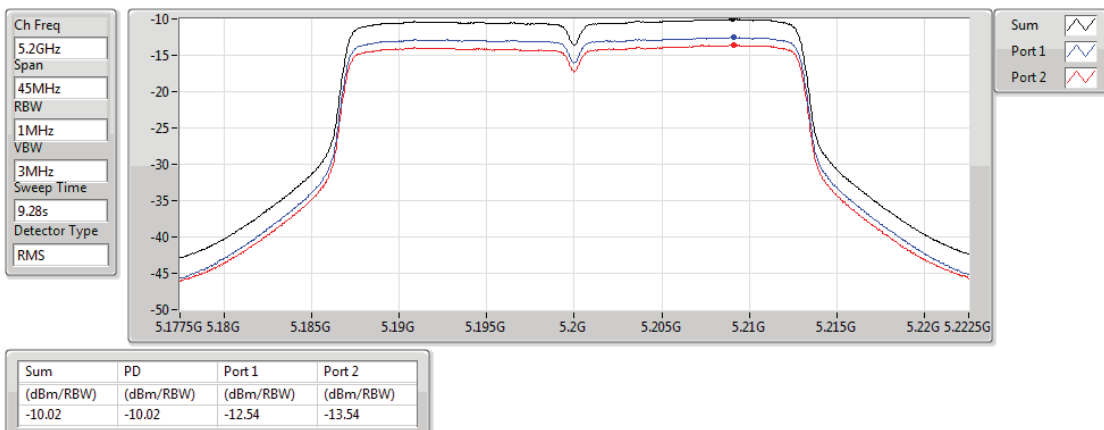
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802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

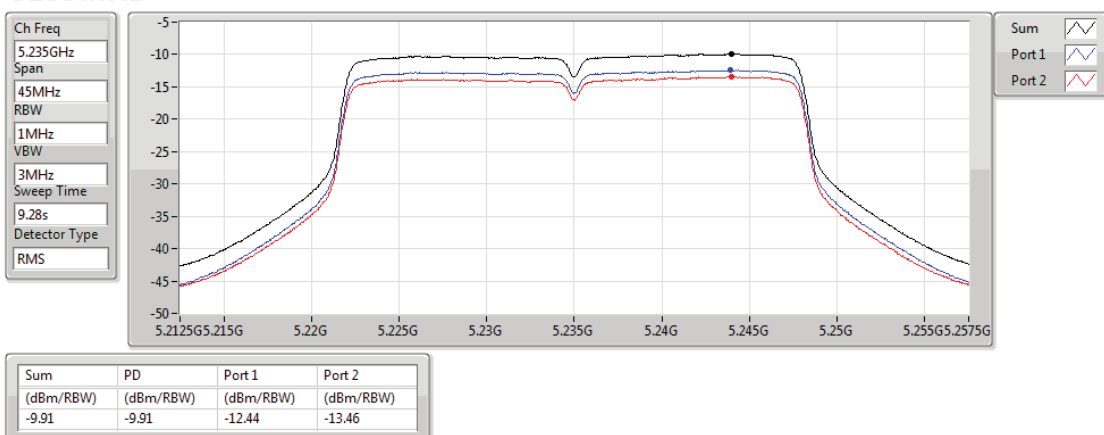
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802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

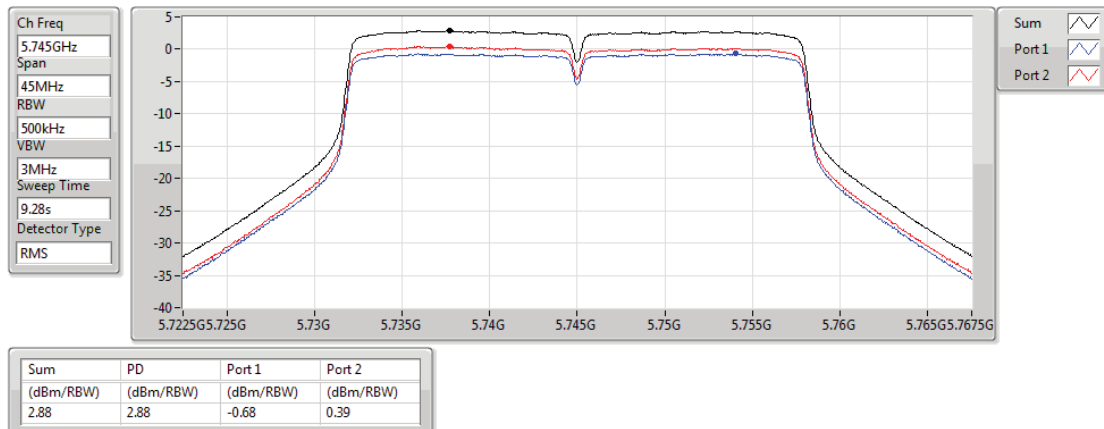
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802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

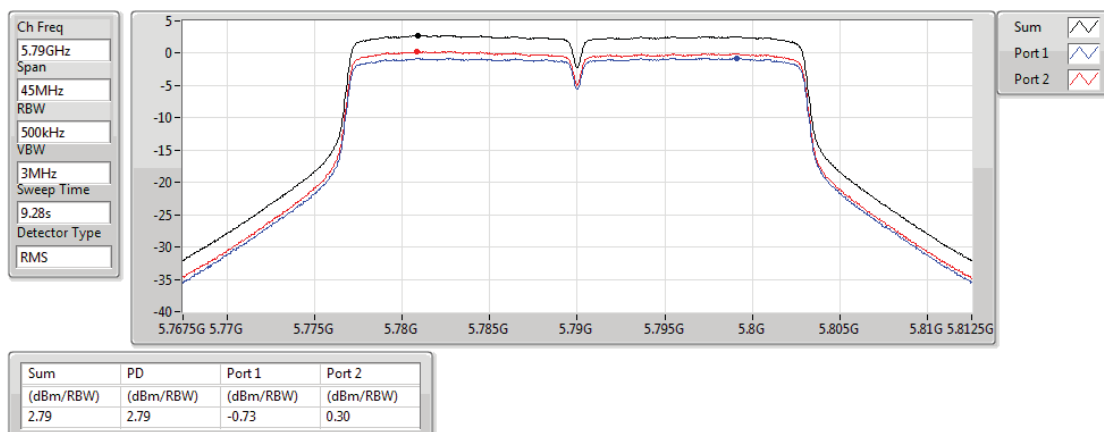
5745MHz



802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

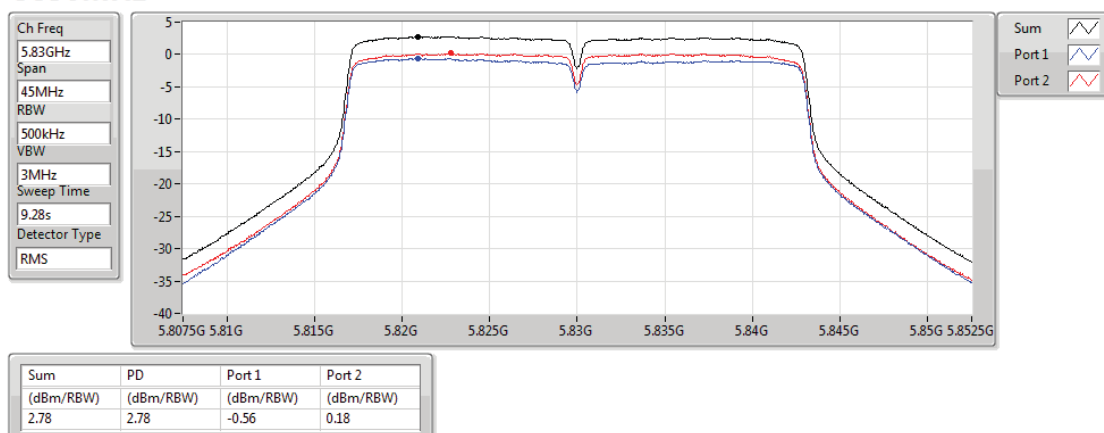
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802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

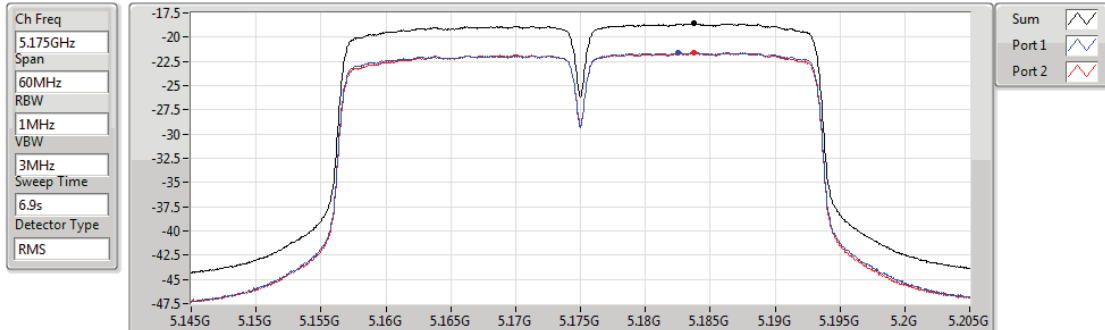
5830MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5175MHz

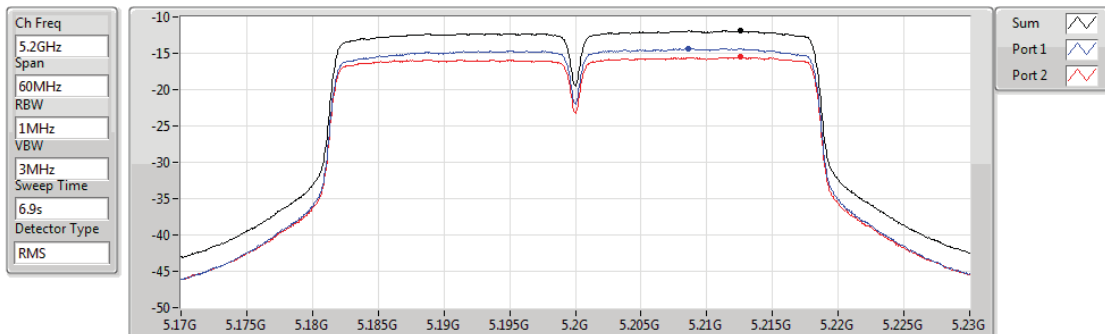


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-18.58	-18.58	-21.56	-21.60

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5200MHz

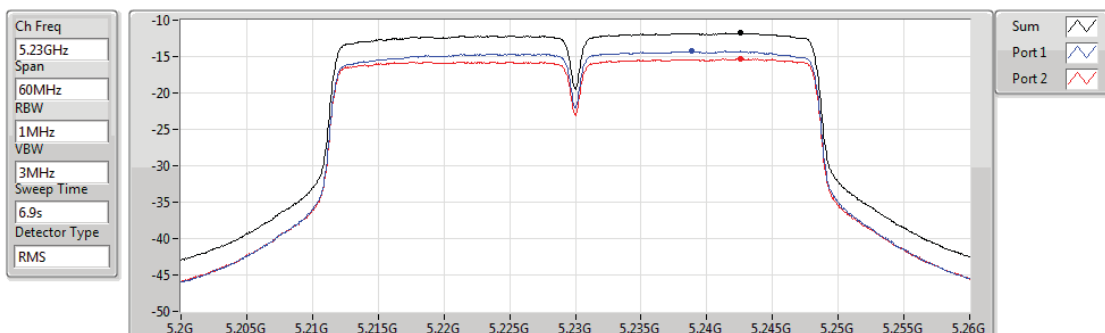


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.91	-11.91	-14.32	-15.54

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

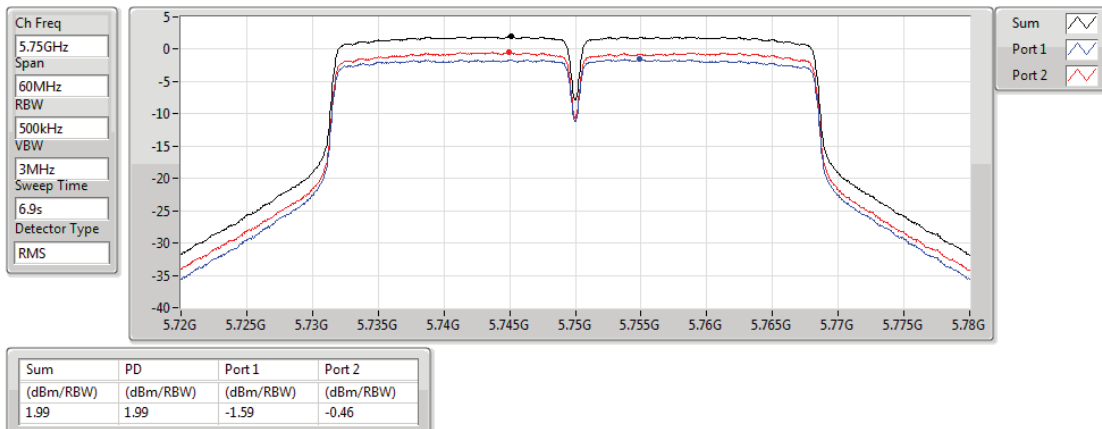


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.75	-11.75	-14.28	-15.29

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

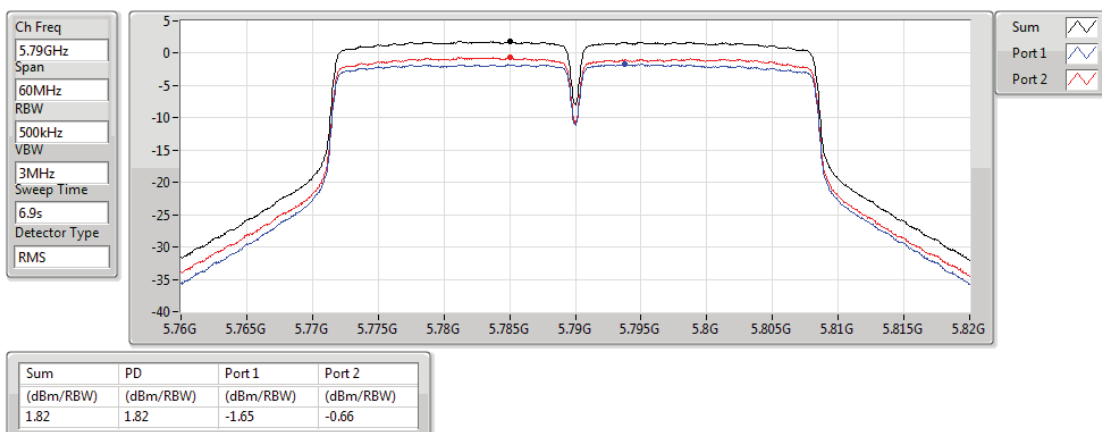
5750MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

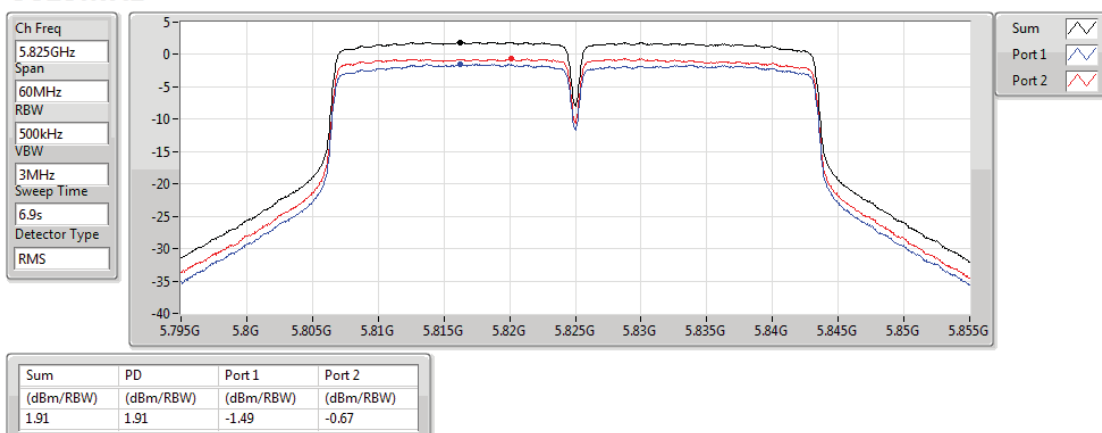
5790MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5825MHz



**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	14.07	33.08
802.11ac VHT20_Nss1,(MCS0)_2TX	11.88	30.89
802.11ac VHT30_Nss1,(MCS0)_2TX	9.81	28.82
802.11ac VHT40_Nss1,(MCS0)_2TX	8.93	27.94
802.11ac VHT50_Nss1,(MCS0)_2TX	5.56	24.57
802.11ac VHT60_Nss1,(MCS0)_2TX	-1.04	17.97
802.11ac VHT80_Nss1,(MCS0)_2TX	-12.01	7.00
5.725-5.85GHz	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	12.36	31.37
802.11ac VHT20_Nss1,(MCS0)_2TX	10.80	29.81
802.11ac VHT30_Nss1,(MCS0)_2TX	9.15	28.16
802.11ac VHT40_Nss1,(MCS0)_2TX	7.91	26.92
802.11ac VHT50_Nss1,(MCS0)_2TX	6.26	25.27
802.11ac VHT60_Nss1,(MCS0)_2TX	7.66	26.67
802.11ac VHT80_Nss1,(MCS0)_2TX	4.57	23.58

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT10_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5160MHz_TnomVnom	Pass	19.01	-4.75	-6.26	-2.44	17.00	16.57	40.00
5200MHz_TnomVnom	Pass	19.01	7.31	7.45	10.38	17.00	29.39	40.00
5245MHz_TnomVnom	Pass	19.01	10.35	11.67	14.07	17.00	33.08	40.00
5735MHz_TnomVnom	Pass	19.01	7.74	8.62	11.18	30.00	30.19	Inf
5790MHz_TnomVnom	Pass	19.01	8.92	9.81	12.36	30.00	31.37	Inf
5840MHz_TnomVnom	Pass	19.01	8.78	9.62	12.15	30.00	31.16	Inf
802.11ac VHT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5165MHz_TnomVnom	Pass	19.01	-14.48	-14.33	-11.41	17.00	7.60	40.00
5200MHz_TnomVnom	Pass	19.01	8.97	8.80	11.88	17.00	30.89	40.00
5240MHz_TnomVnom	Pass	19.01	7.45	8.82	11.19	17.00	30.20	40.00
5740MHz_TnomVnom	Pass	19.01	6.25	7.13	9.64	30.00	28.65	Inf
5790MHz_TnomVnom	Pass	19.01	6.32	6.88	9.58	30.00	28.59	Inf
5835MHz_TnomVnom	Pass	19.01	7.82	7.92	10.80	30.00	29.81	Inf
802.11ac VHT30_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5170MHz_TnomVnom	Pass	19.01	-19.67	-19.66	-16.66	17.00	2.35	40.00
5200MHz_TnomVnom	Pass	19.01	5.33	6.07	8.69	17.00	27.70	40.00
5235MHz_TnomVnom	Pass	19.01	6.02	7.51	9.81	17.00	28.82	40.00
5745MHz_TnomVnom	Pass	19.01	4.85	5.80	8.33	30.00	27.34	Inf
5790MHz_TnomVnom	Pass	19.01	5.73	6.52	9.15	30.00	28.16	Inf
5830MHz_TnomVnom	Pass	19.01	4.79	5.61	8.22	30.00	27.23	Inf
802.11ac VHT40_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5175MHz_TnomVnom	Pass	19.01	-21.47	-21.47	-18.50	17.00	0.51	40.00
5200MHz_TnomVnom	Pass	19.01	-1.86	-3.71	0.31	17.00	19.32	40.00
5230MHz_TnomVnom	Pass	19.01	7.30	3.90	8.93	17.00	27.94	40.00
5750MHz_TnomVnom	Pass	19.01	5.71	0.86	6.93	30.00	25.94	Inf
5790MHz_TnomVnom	Pass	19.01	5.84	0.62	6.97	30.00	25.98	Inf
5825MHz_TnomVnom	Pass	19.01	6.76	1.69	7.91	30.00	26.92	Inf
802.11ac VHT50_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	19.01	-22.09	-22.18	-19.15	17.00	-0.14	40.00
5200MHz_TnomVnom	Pass	19.01	-7.38	-9.17	-5.19	17.00	13.82	40.00
5225MHz_TnomVnom	Pass	19.01	3.39	1.55	5.56	17.00	24.57	40.00
5755MHz_TnomVnom	Pass	19.01	2.86	3.77	6.26	30.00	25.27	Inf
5790MHz_TnomVnom	Pass	19.01	5.03	0.11	6.24	30.00	25.25	Inf
5820MHz_TnomVnom	Pass	19.01	5.09	-0.04	6.26	30.00	25.27	Inf
802.11ac VHT60_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5185MHz_TnomVnom	Pass	19.01	-22.44	-22.70	-19.58	17.00	-0.57	40.00
5200MHz_TnomVnom	Pass	19.01	-10.41	-12.75	-8.43	17.00	10.58	40.00
5220MHz_TnomVnom	Pass	19.01	-3.18	-5.08	-1.04	17.00	17.97	40.00
5760MHz_TnomVnom	Pass	19.01	2.95	-2.19	4.06	30.00	23.07	Inf
5790MHz_TnomVnom	Pass	19.01	6.36	1.94	7.66	30.00	26.67	Inf
5815MHz_TnomVnom	Pass	19.01	4.43	-0.33	5.67	30.00	24.68	Inf
802.11ac VHT80_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	19.01	-28.46	-28.73	-25.59	17.00	-6.58	40.00



PSD Result (Point-to-point)

Appendix D.2

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5200MHz_TnomVnom	Pass	19.01	-17.39	-18.46	-14.94	17.00	4.07	40.00
5210MHz_TnomVnom	Pass	19.01	-14.26	-15.90	-12.01	17.00	7.00	40.00
5770MHz_TnomVnom	Pass	19.01	1.50	-3.53	2.64	30.00	21.65	Inf
5790MHz_TnomVnom	Pass	19.01	3.38	-1.53	4.54	30.00	23.55	Inf
5805MHz_TnomVnom	Pass	19.01	3.41	-1.40	4.57	30.00	23.58	Inf

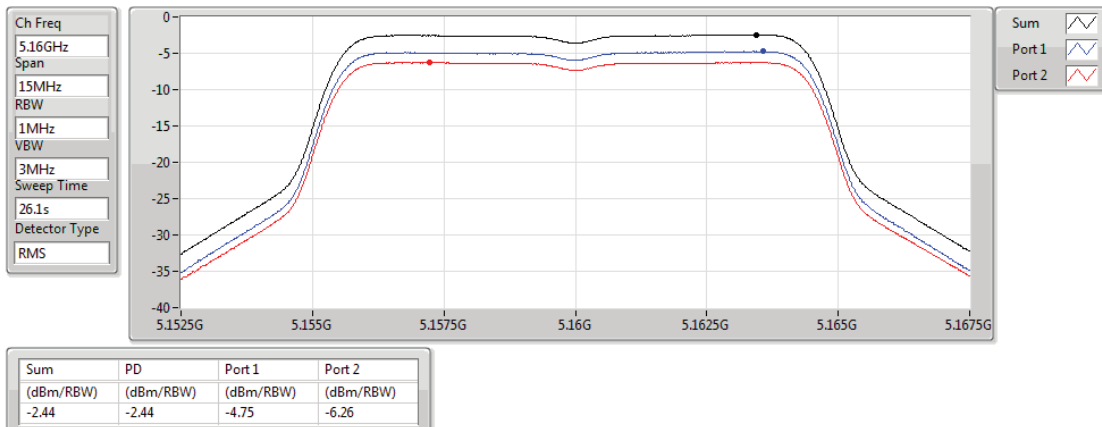
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

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

802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

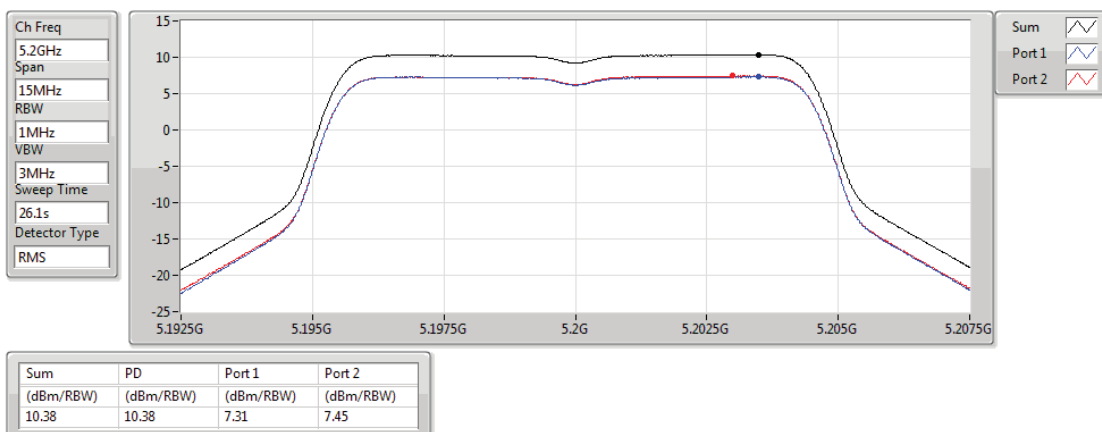
5160MHz



802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

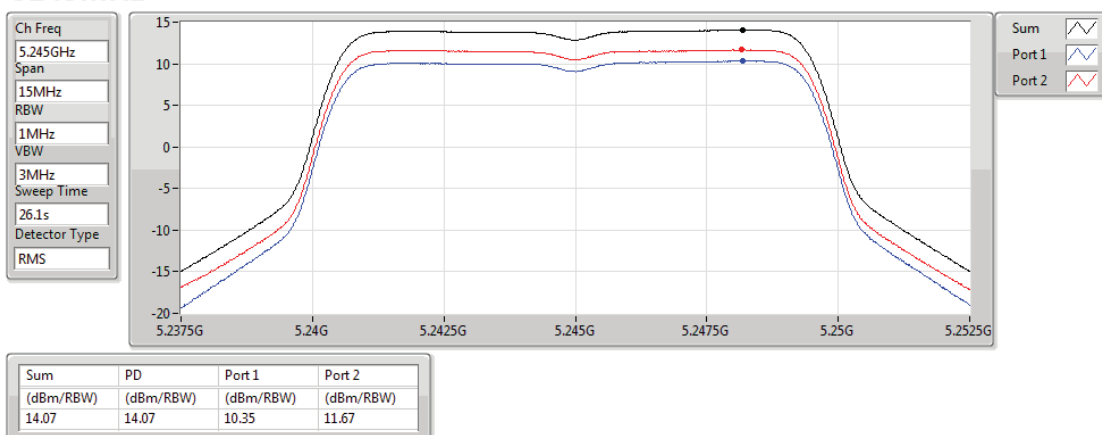
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802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

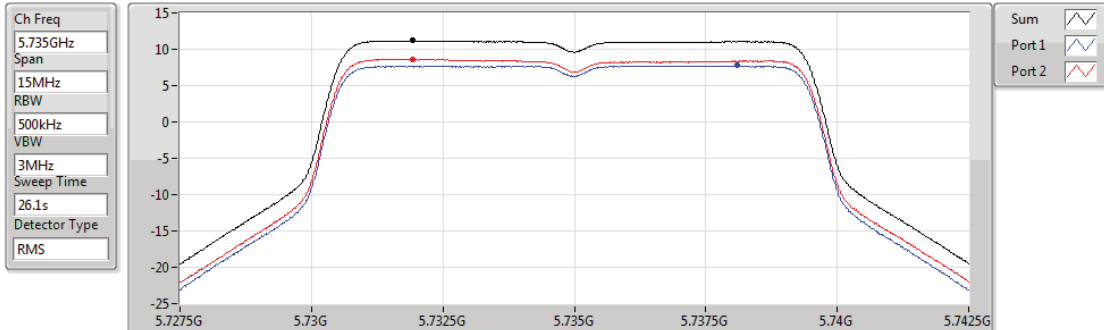
5245MHz



802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

5735MHz

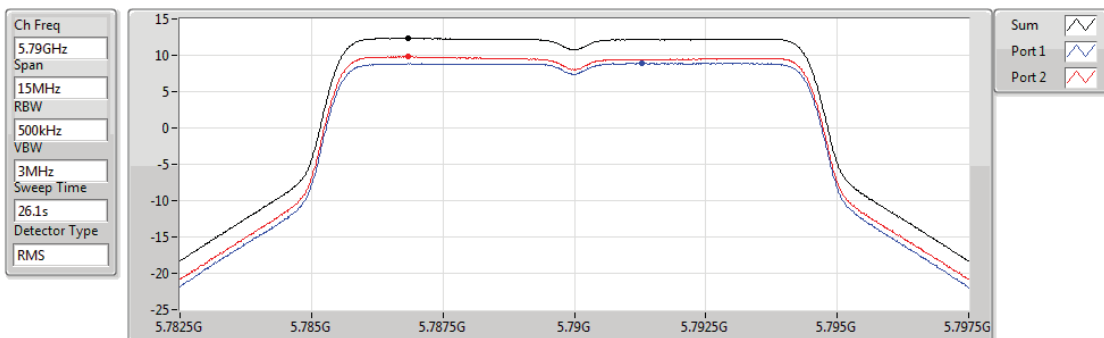


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.18	11.18	7.74	8.62

802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

5790MHz

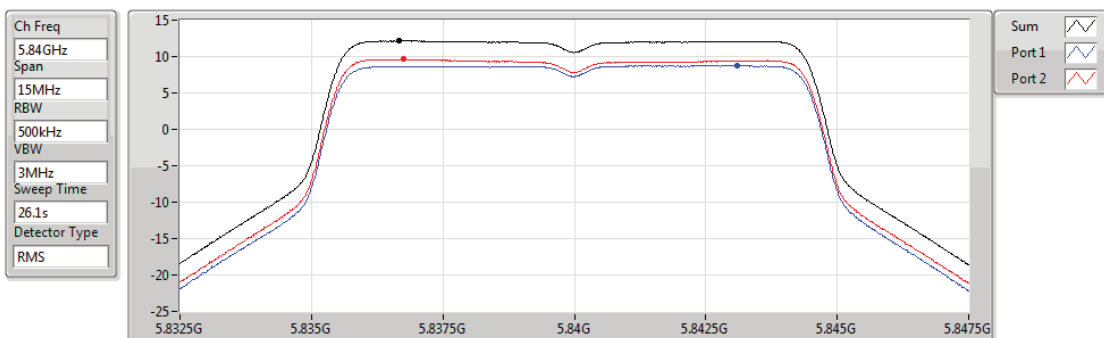


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.36	12.36	8.92	9.81

802.11ac VHT10_Nss1,(MCS0)_2TX

PSD

5840MHz

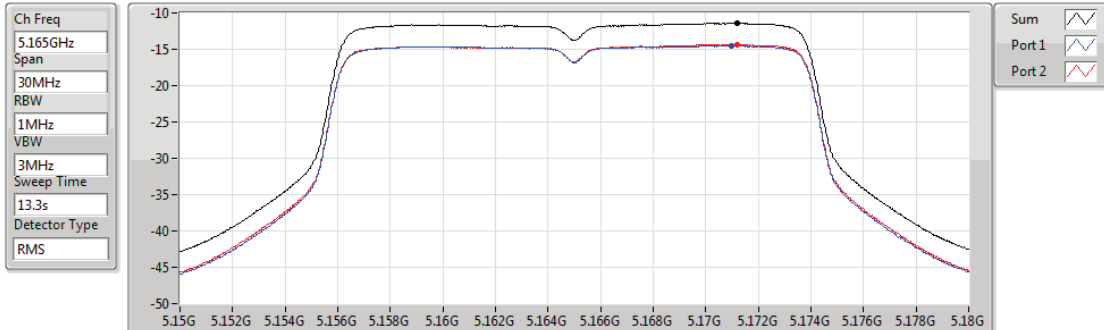


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	8.78	9.62

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5165MHz

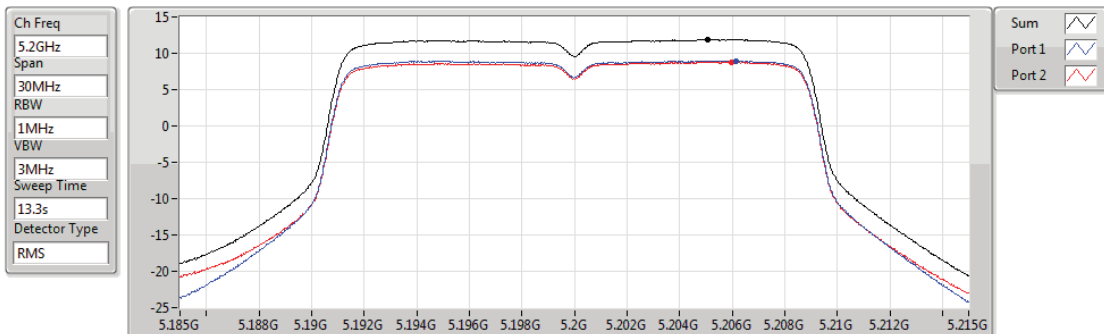


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.41	-11.41	-14.48	-14.33

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

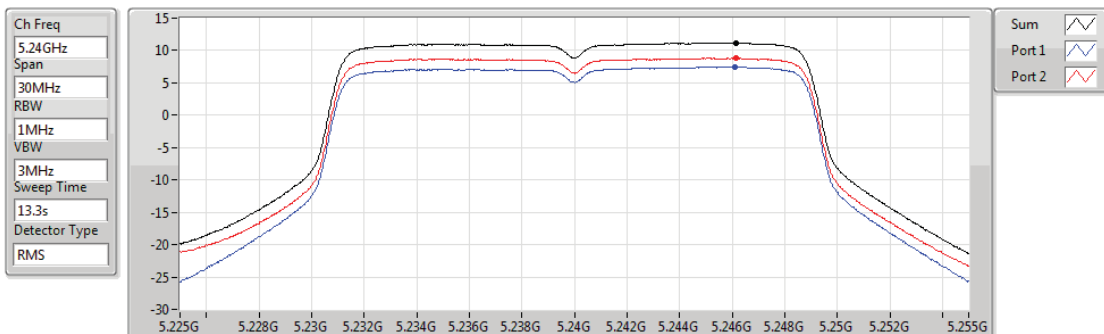


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.88	11.88	8.97	8.80

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

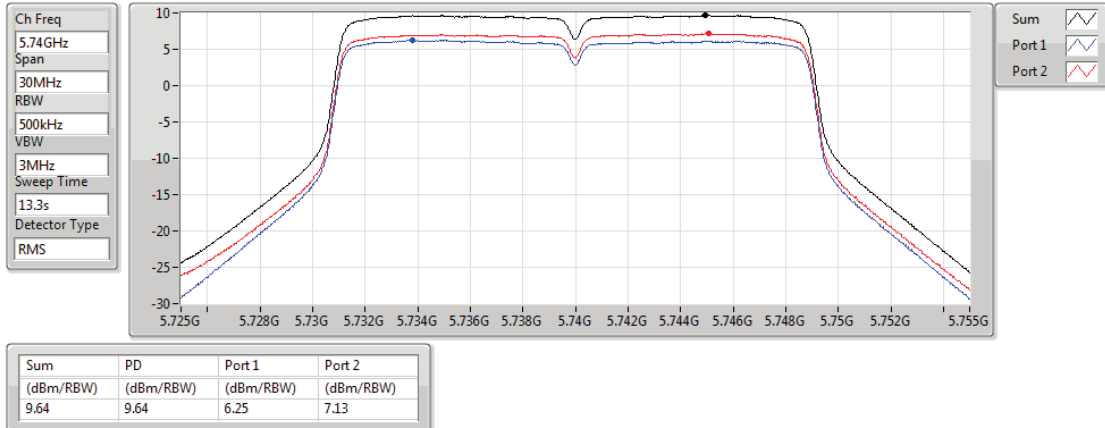


Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.19	11.19	7.45	8.82

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

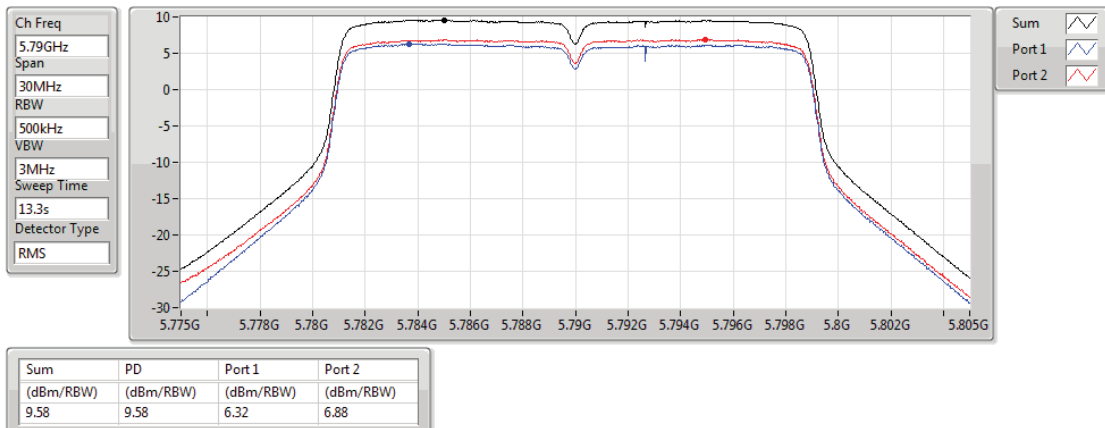
5740MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

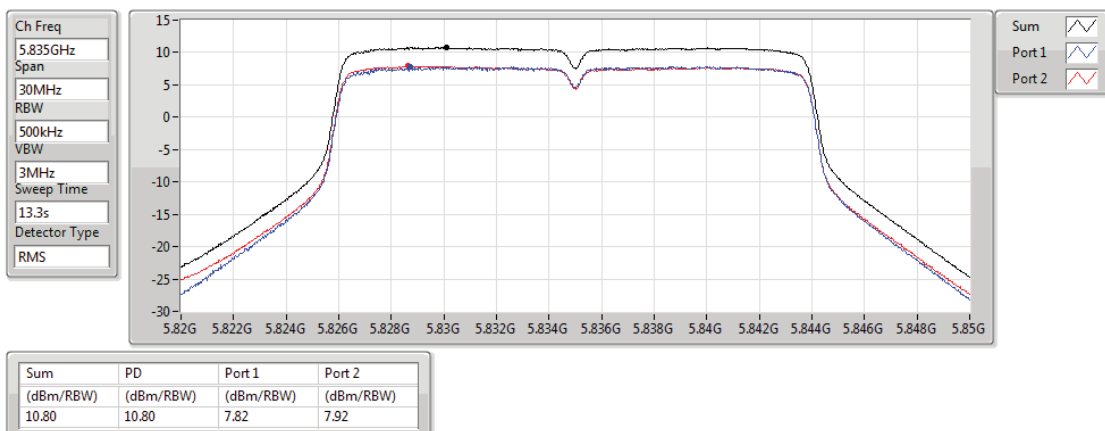
5790MHz



802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

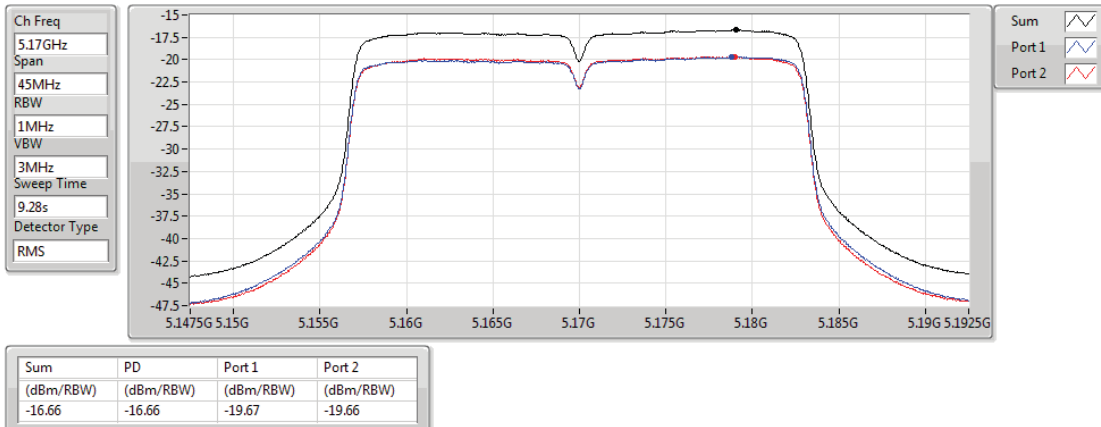
5835MHz



802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

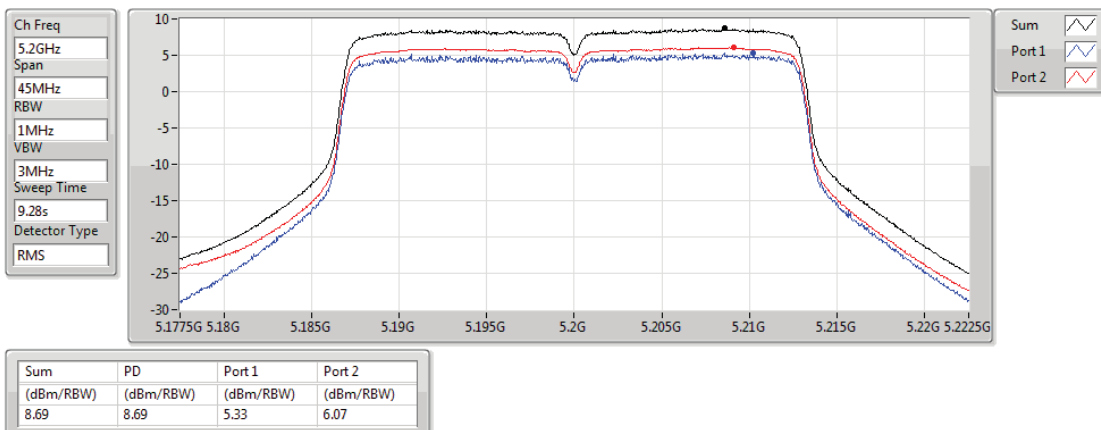
5170MHz



802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

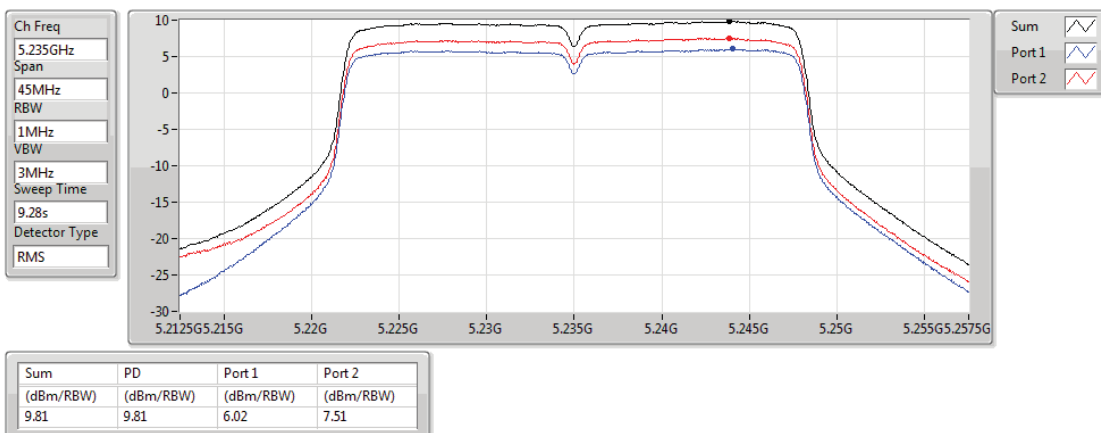
5200MHz



802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

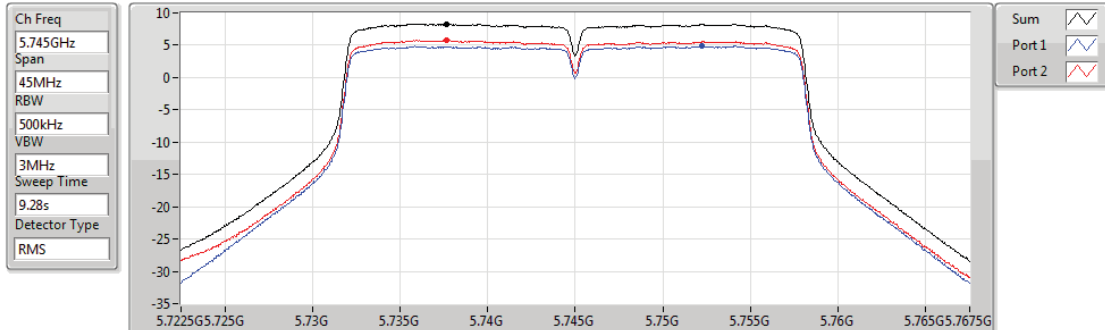
5235MHz



802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

5745MHz

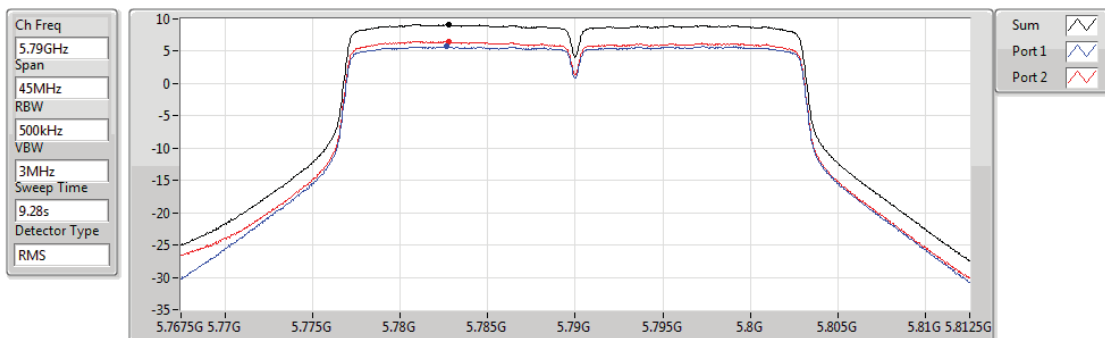


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	4.85	5.80

802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

5790MHz

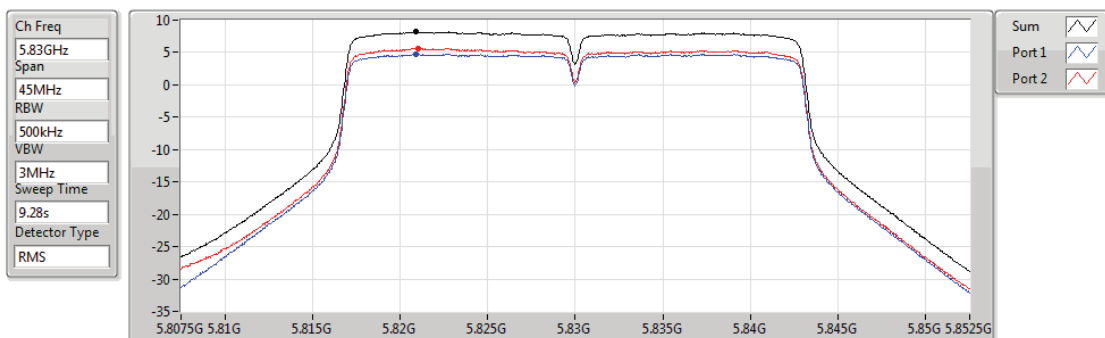


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	5.73	6.52

802.11ac VHT30_Nss1,(MCS0)_2TX

PSD

5830MHz

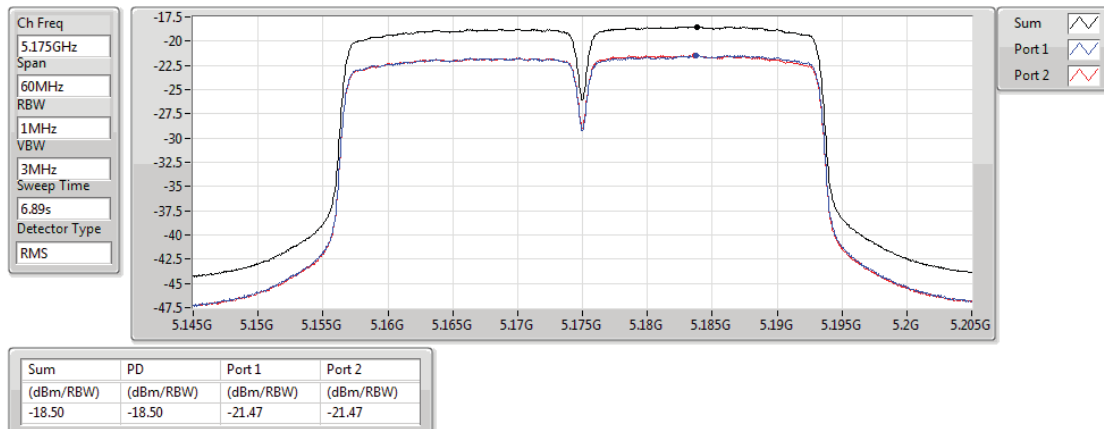


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	4.79	5.61

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

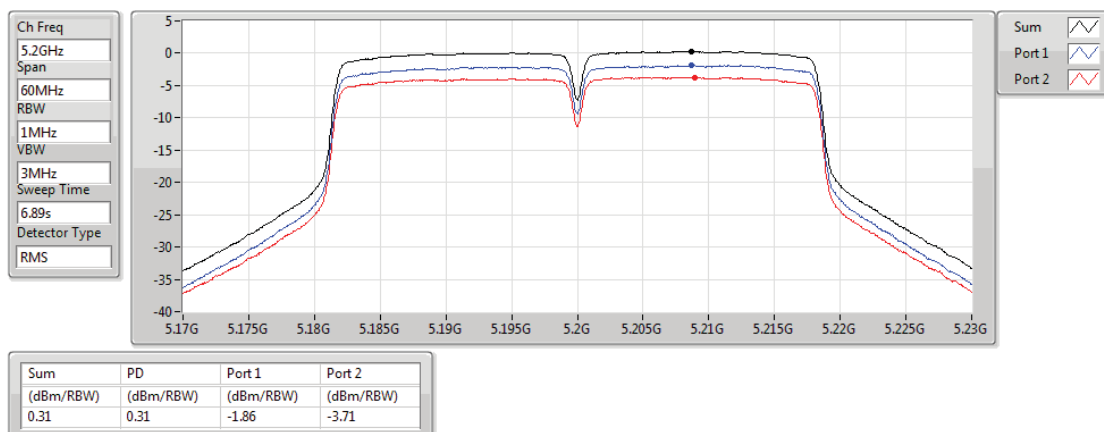
5175MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

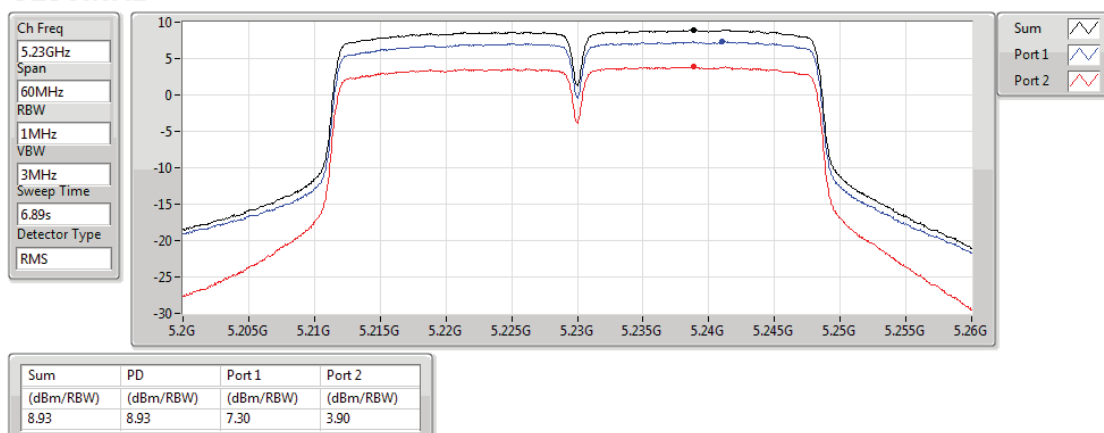
5200MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

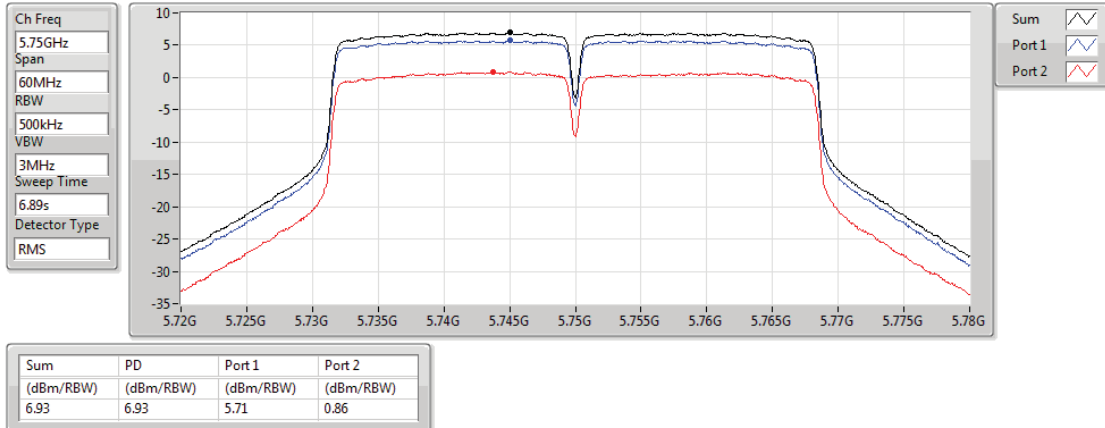
5230MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

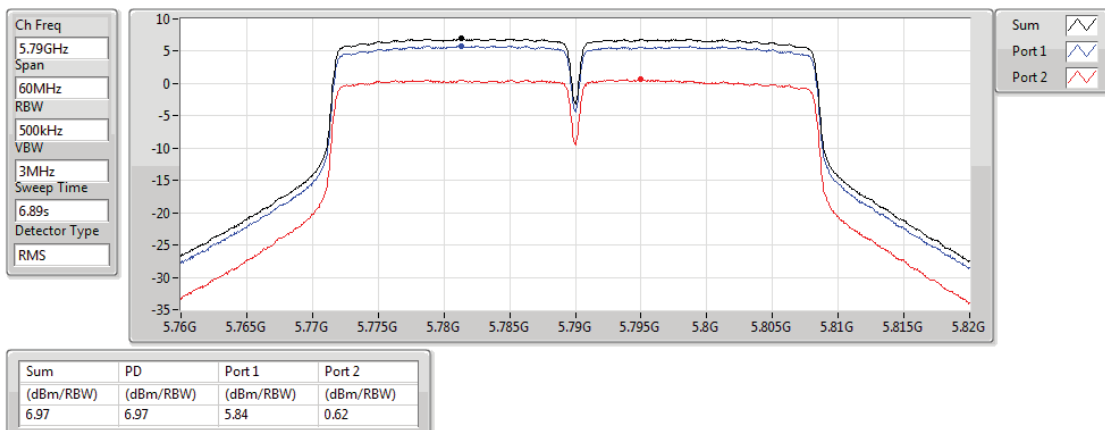
5750MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

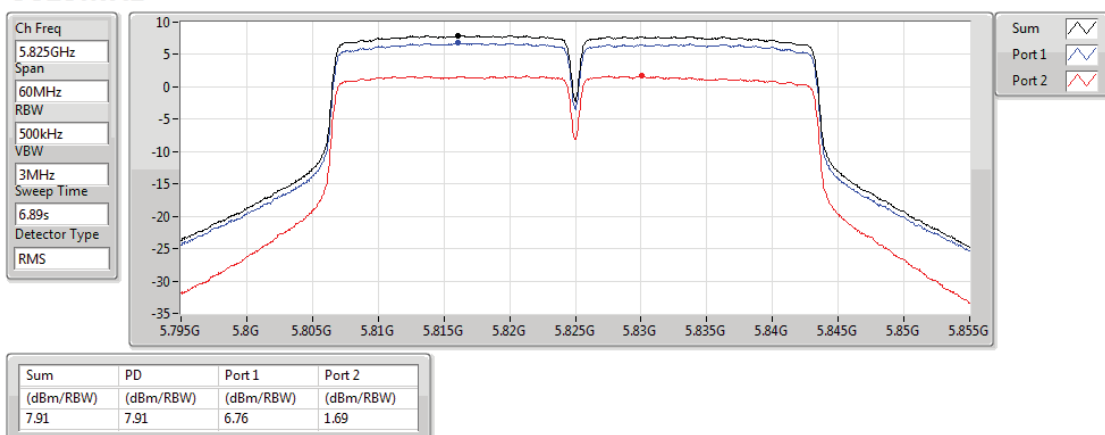
5790MHz



802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

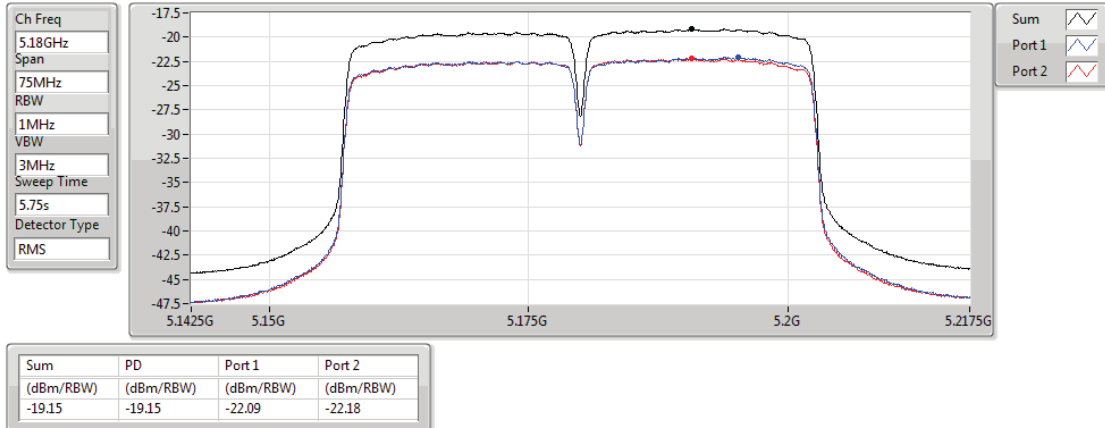
5825MHz



802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

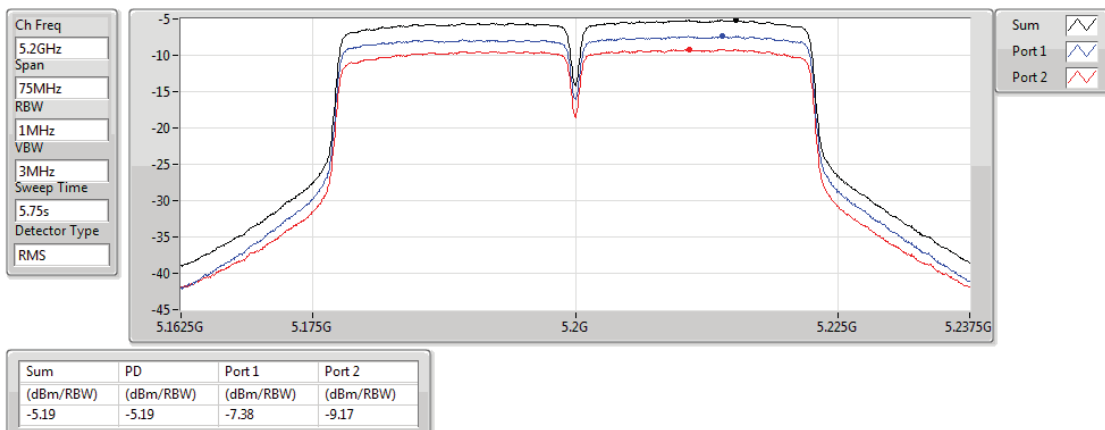
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802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

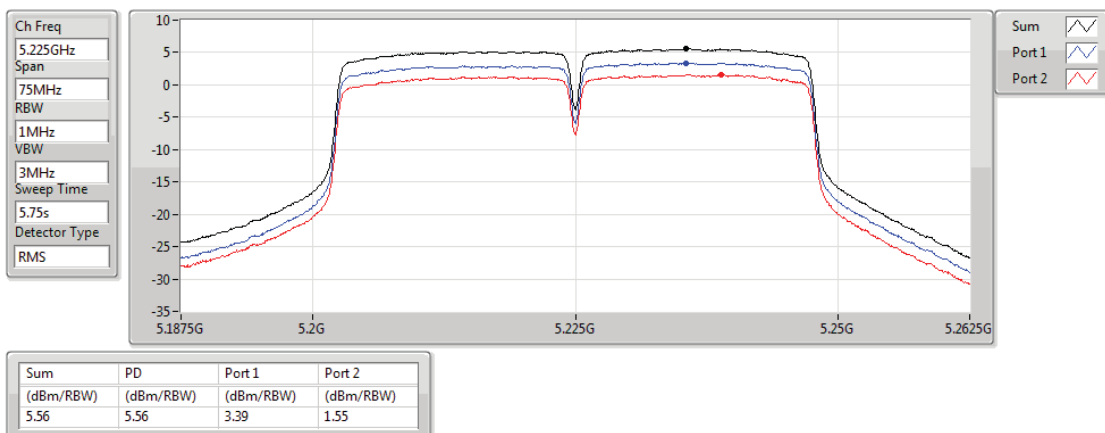
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802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

5225MHz



802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

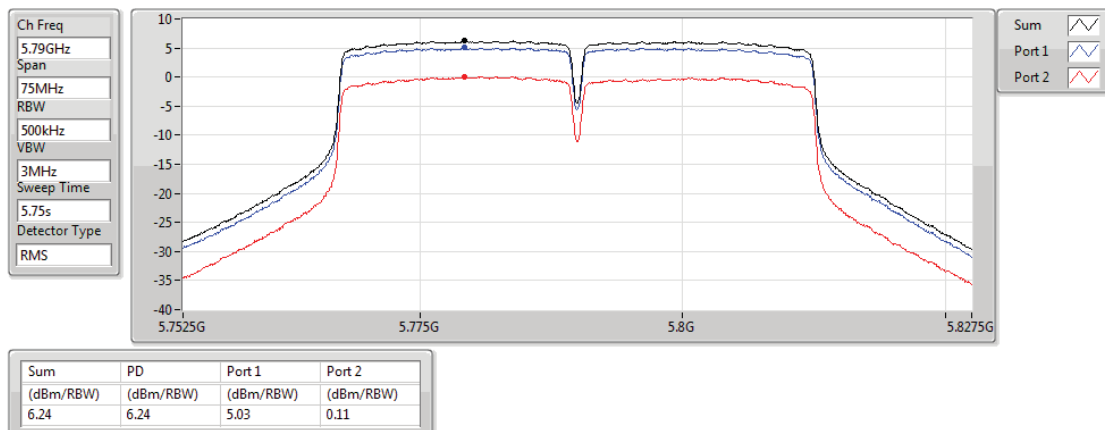
5755MHz



802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

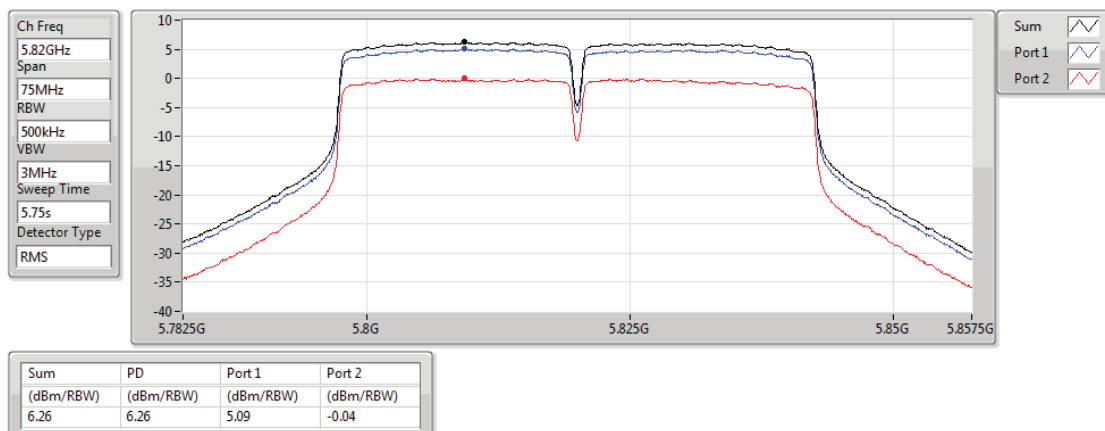
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802.11ac VHT50_Nss1,(MCS0)_2TX

PSD

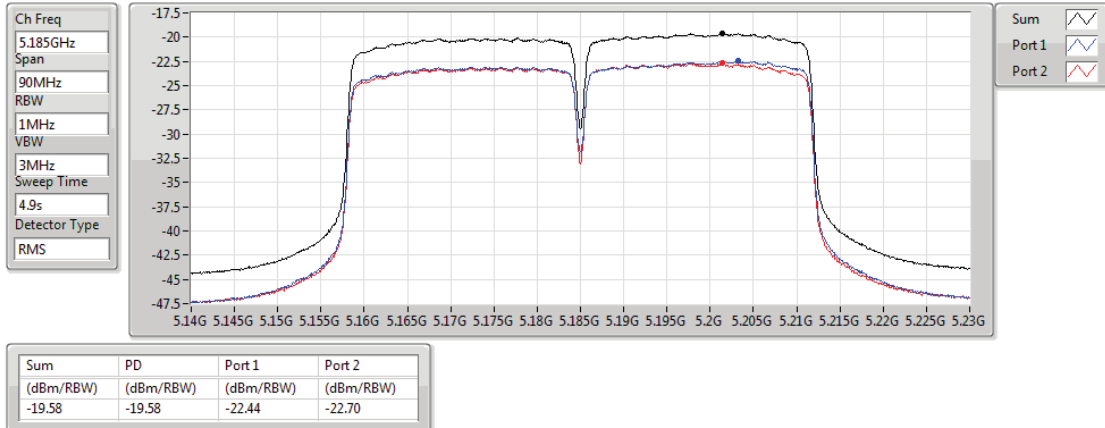
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802.11ac VHT60_Nss1,(MCS0)_2TX

PSD

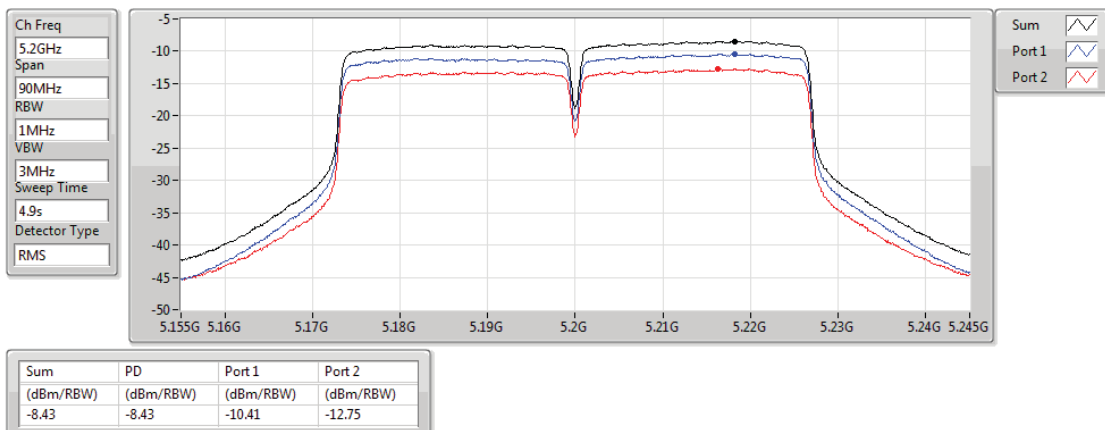
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802.11ac VHT60_Nss1,(MCS0)_2TX

PSD

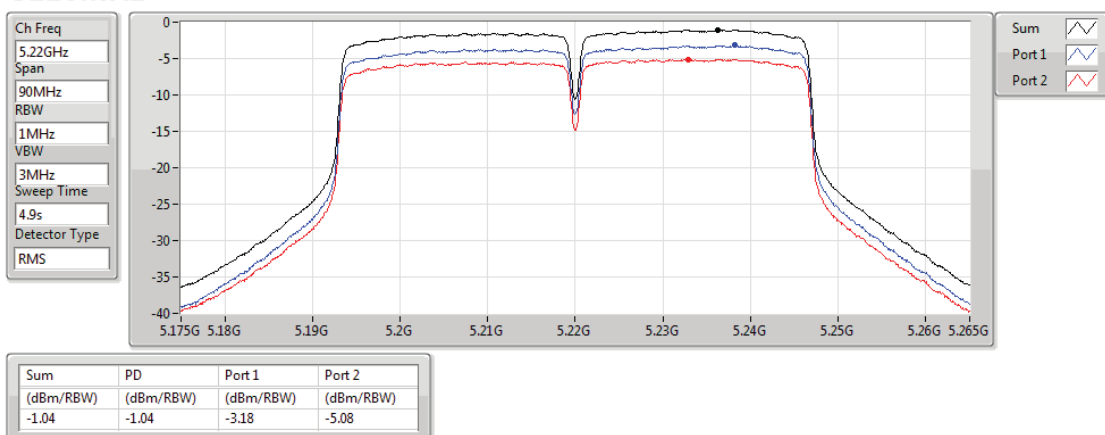
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802.11ac VHT60_Nss1,(MCS0)_2TX

PSD

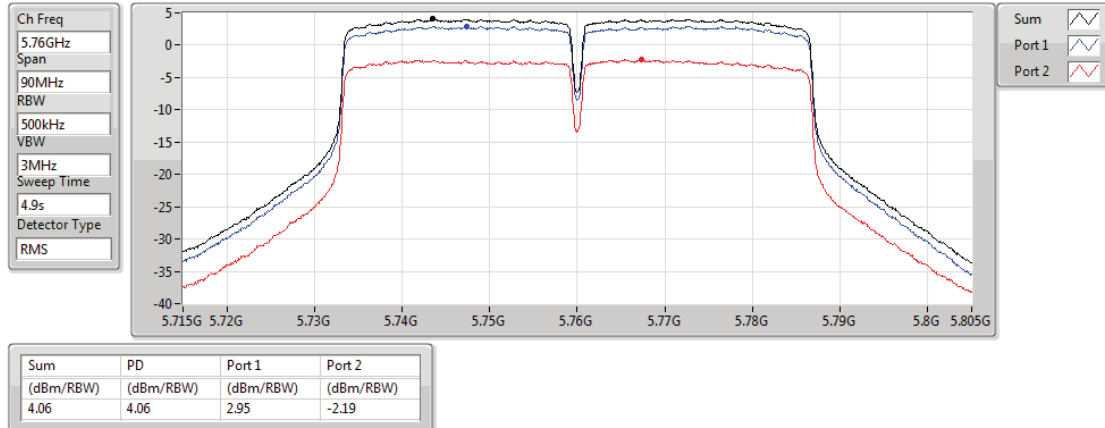
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802.11ac VHT60_Nss1,(MCS0)_2TX

PSD

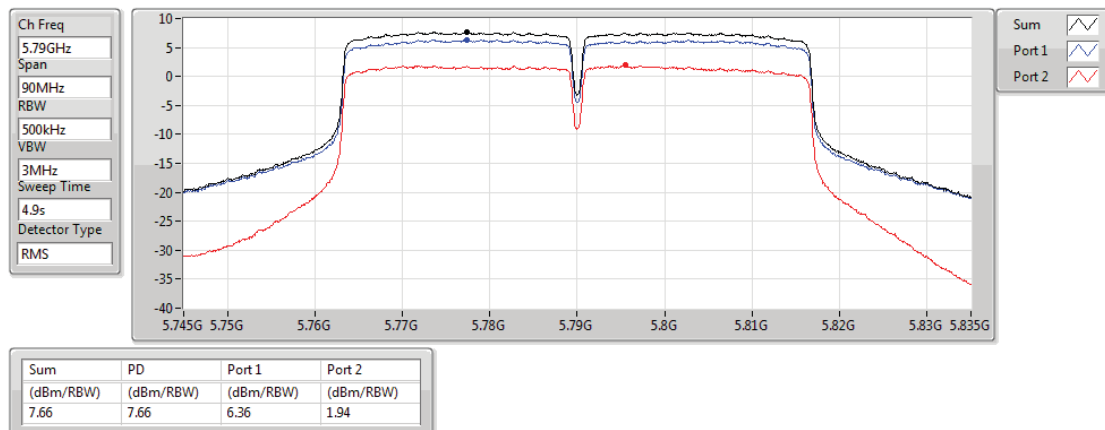
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802.11ac VHT60_Nss1,(MCS0)_2TX

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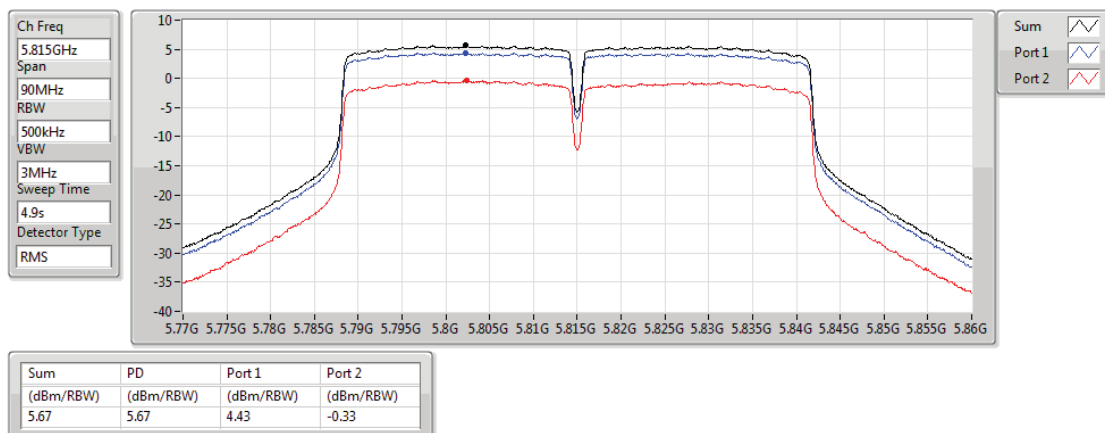
5790MHz



802.11ac VHT60_Nss1,(MCS0)_2TX

PSD

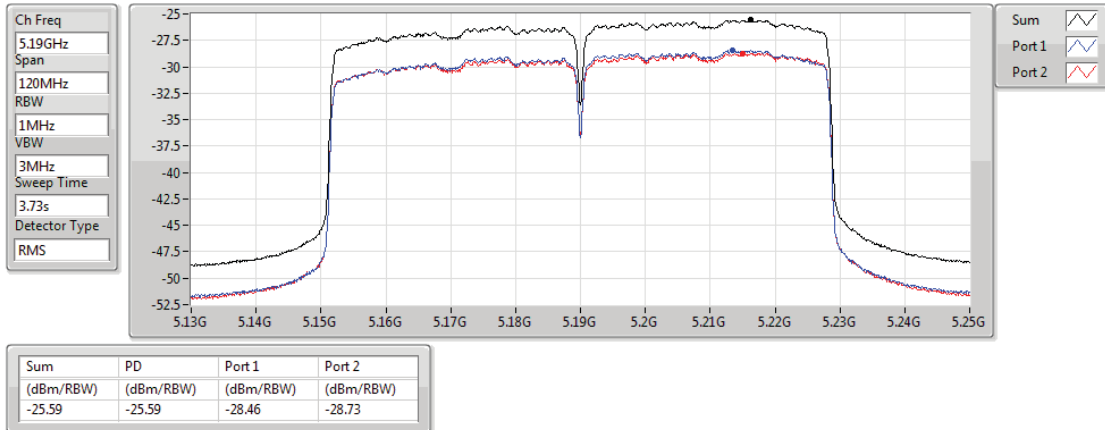
5815MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

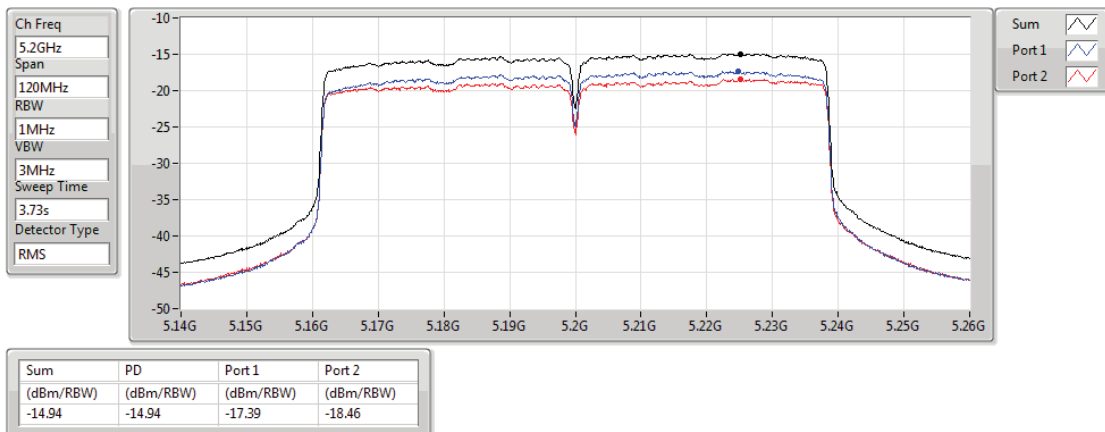
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802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

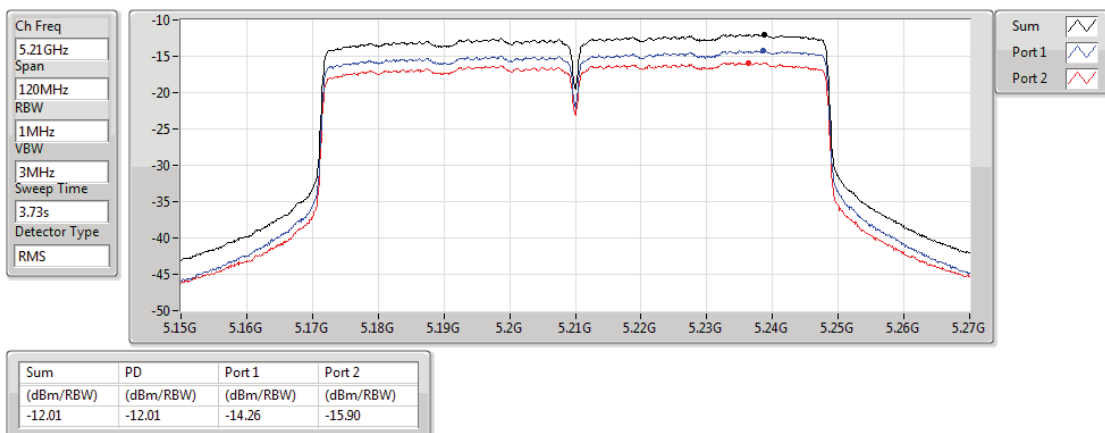
5200MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

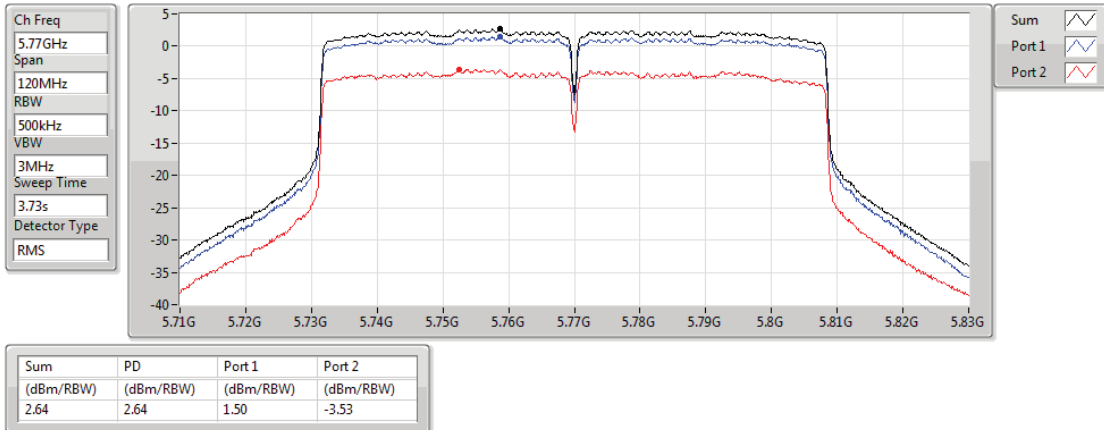
5210MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

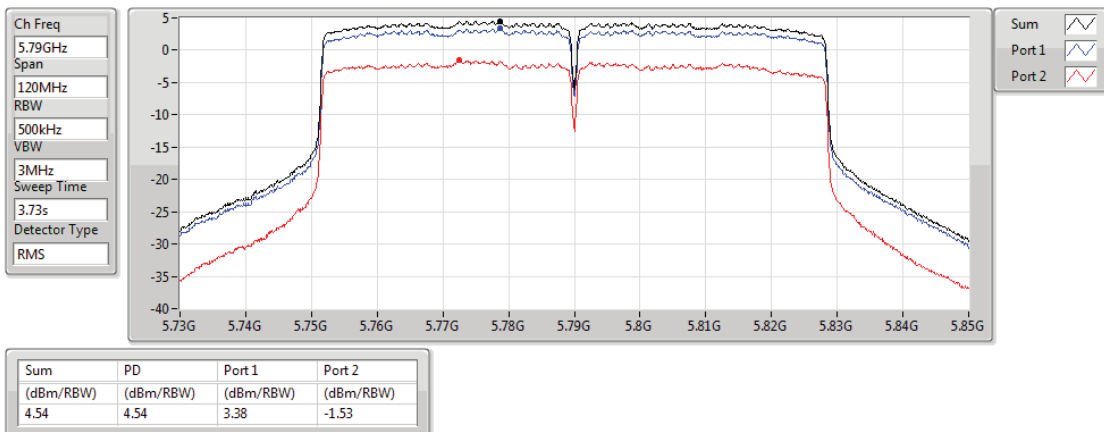
5770MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

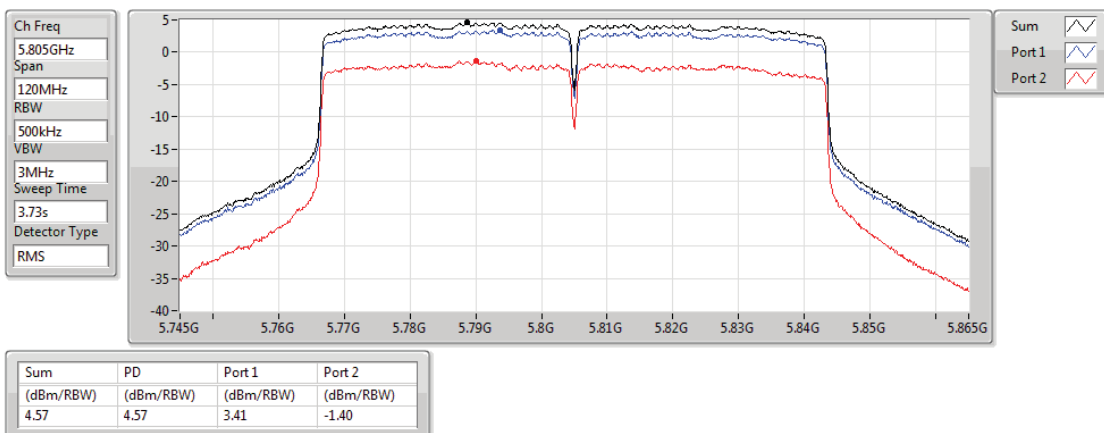
5790MHz



802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5805MHz



**Summary**

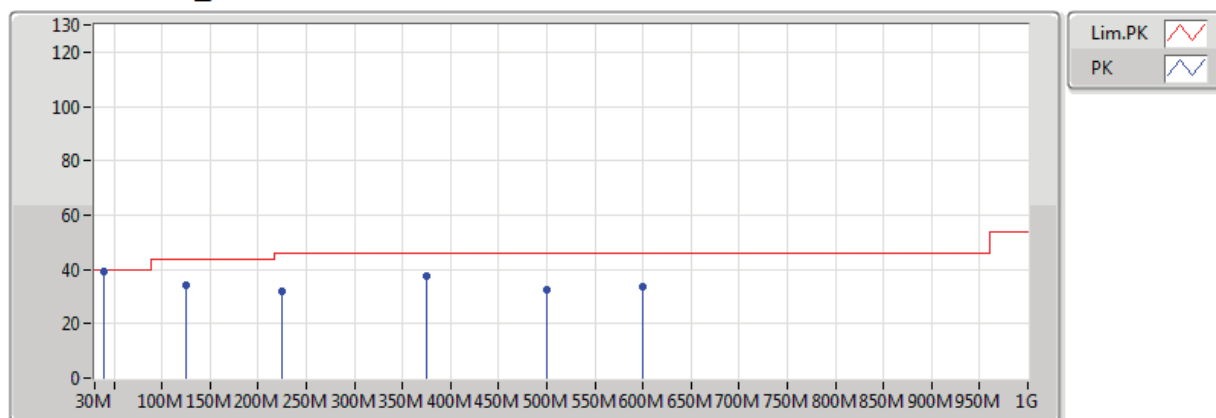
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	QP	39.7M	39.18	40.00	-0.82	-7.84	3	Vertical	40	1.12	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5790MHz	Pass	PK	39.7M	31.39	40.00	-8.61	-7.84	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	179.38M	32.49	43.50	-11.01	-10.40	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	258.92M	33.29	46.00	-12.71	-5.68	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	375.32M	35.75	46.00	-10.25	-4.22	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	499.48M	31.40	46.00	-14.60	-1.74	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	600.36M	31.89	46.00	-14.11	-0.58	3	Horizontal	0	1.00	-
5790MHz	Pass	PK	125.06M	34.40	43.50	-9.10	-7.81	3	Vertical	360	1.00	-
5790MHz	Pass	PK	224M	32.03	46.00	-13.97	-9.57	3	Vertical	360	1.00	-
5790MHz	Pass	PK	375.32M	37.43	46.00	-8.57	-4.22	3	Vertical	360	1.00	-
5790MHz	Pass	PK	499.48M	32.47	46.00	-13.53	-1.74	3	Vertical	360	1.00	-
5790MHz	Pass	PK	600.36M	33.79	46.00	-12.21	-0.58	3	Vertical	360	1.00	-
5790MHz	Pass	QP	39.7M	39.18	40.00	-0.82	-7.84	3	Vertical	40	1.12	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_PoE

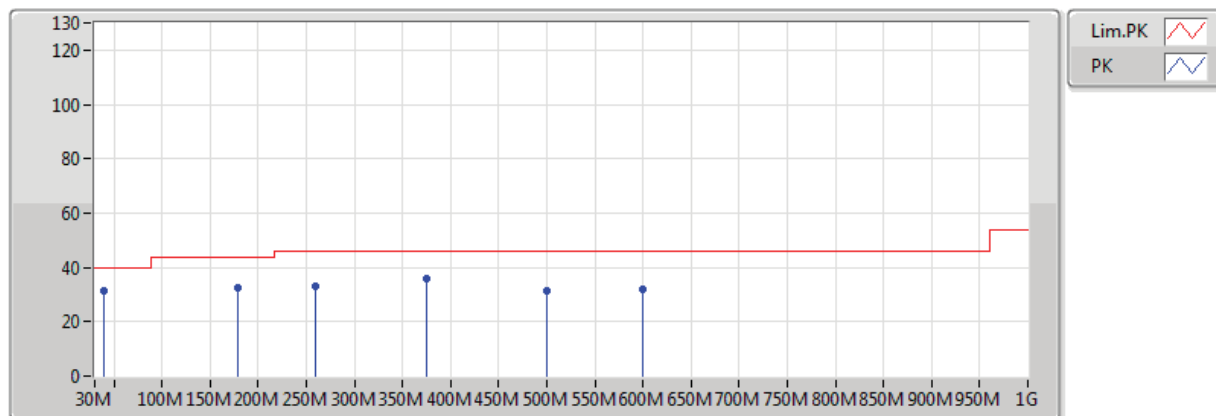


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
PK	125.06M	34.40	43.50	-9.10	-7.81	3	Vertical	360	1.00	-				
PK	224M	32.03	46.00	-13.97	-9.57	3	Vertical	360	1.00	-				
PK	375.32M	37.43	46.00	-8.57	-4.22	3	Vertical	360	1.00	-				
PK	499.48M	32.47	46.00	-13.53	-1.74	3	Vertical	360	1.00	-				
PK	600.36M	33.79	46.00	-12.21	-0.58	3	Vertical	360	1.00	-				
QP	39.7M	39.18	40.00	-0.82	-7.84	3	Vertical	40	1.12	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_PoE



EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
PK	39.7M	31.39	40.00	-8.61	-7.84	3	Horizontal	0	1.00	-				
PK	179.38M	32.49	43.50	-11.01	-10.40	3	Horizontal	0	1.00	-				
PK	258.92M	33.29	46.00	-12.71	-5.68	3	Horizontal	0	1.00	-				
PK	375.32M	35.75	46.00	-10.25	-4.22	3	Horizontal	0	1.00	-				
PK	499.48M	31.40	46.00	-14.60	-1.74	3	Horizontal	0	1.00	-				
PK	600.36M	31.89	46.00	-14.11	-0.58	3	Horizontal	0	1.00	-				

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.68	54.00	-0.32	7.00	3	Horizontal	0	1.14	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.3558G	73.84	74.00	-0.16	7.11	3	Vertical	0	1.03	-
802.11ac VHT30_Nss1,(MCS0)_2TX	Pass	AV	5.1496G	53.45	54.00	-0.55	7.00	3	Horizontal	1	1.18	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.1492G	53.77	54.00	-0.23	7.00	3	Vertical	1	1.02	-
802.11ac VHT50_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.91	54.00	-0.09	7.00	3	Horizontal	0	1.07	-
802.11ac VHT60_Nss1,(MCS0)_2TX	Pass	AV	5.1496G	53.90	54.00	-0.10	7.00	3	Vertical	0	1.01	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.88	54.00	-0.12	7.00	3	Horizontal	1	1.05	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT10_Nss1,(MCS0)_2TX	Pass	PK	5.6498G	68.01	68.20	-0.19	3.39	3	Horizontal	359	1.00	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.6476G	67.46	68.20	-0.74	3.39	3	Vertical	353	1.01	-
802.11ac VHT30_Nss1,(MCS0)_2TX	Pass	PK	5.649G	67.50	68.20	-0.70	3.39	3	Vertical	354	1.03	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.6468G	67.64	68.20	-0.56	3.39	3	Vertical	355	1.02	-
802.11ac VHT50_Nss1,(MCS0)_2TX	Pass	PK	5.9268G	67.86	68.20	-0.34	7.97	3	Vertical	0	1.01	-
802.11ac VHT60_Nss1,(MCS0)_2TX	Pass	PK	5.941G	68.09	68.20	-0.11	7.99	3	Vertical	0	1.08	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.65G	67.58	68.20	-0.62	7.45	3	Vertical	0	1.02	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT10_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5160MHz	Pass	AV	5.149995G	53.68	54.00	-0.32	7.00	3	Horizontal	0	1.14	-
5160MHz	Pass	AV	5.1588G	96.78	Inf	-Inf	7.00	3	Horizontal	0	1.14	-
5160MHz	Pass	PK	5.149995G	72.01	74.00	-1.99	7.00	3	Horizontal	0	1.14	-
5160MHz	Pass	PK	5.158G	108.87	Inf	-Inf	7.00	3	Horizontal	0	1.14	-
5160MHz	Pass	AV	5.149995G	50.89	54.00	-3.11	7.00	3	Vertical	359	1.18	-
5160MHz	Pass	AV	5.1566G	95.18	Inf	-Inf	7.00	3	Vertical	359	1.18	-
5160MHz	Pass	PK	5.149995G	70.58	74.00	-3.42	7.00	3	Vertical	359	1.18	-
5160MHz	Pass	PK	5.1578G	107.42	Inf	-Inf	7.00	3	Vertical	359	1.18	-
5160MHz	Pass	AV	10.3155G	41.94	54.00	-12.06	16.20	3	Horizontal	347	1.83	-
5160MHz	Pass	AV	10.31844G	41.96	54.00	-12.04	16.21	3	Horizontal	126	1.28	-
5160MHz	Pass	PK	10.31526G	55.96	74.00	-18.04	16.20	3	Horizontal	347	1.83	-
5160MHz	Pass	PK	10.32096G	55.71	74.00	-18.29	16.21	3	Horizontal	126	1.28	-
5200MHz	Pass	AV	5.1476G	46.47	54.00	-7.53	7.00	3	Horizontal	359	1.04	-
5200MHz	Pass	AV	5.1984G	111.72	Inf	-Inf	7.03	3	Horizontal	359	1.04	-
5200MHz	Pass	PK	5.148G	73.45	74.00	-0.55	7.00	3	Horizontal	359	1.04	-
5200MHz	Pass	PK	5.1992G	123.54	Inf	-Inf	7.03	3	Horizontal	359	1.04	-
5200MHz	Pass	AV	5.116G	45.91	54.00	-8.09	6.98	3	Vertical	359	1.00	-
5200MHz	Pass	AV	5.2032G	107.15	Inf	-Inf	7.03	3	Vertical	359	1.00	-
5200MHz	Pass	PK	5.1492G	69.58	74.00	-4.42	7.00	3	Vertical	359	1.00	-
5200MHz	Pass	PK	5.1976G	118.78	Inf	-Inf	7.02	3	Vertical	359	1.00	-
5200MHz	Pass	AV	10.40258G	43.64	54.00	-10.36	16.34	3	Horizontal	225	1.01	-
5200MHz	Pass	PK	10.40384G	56.76	74.00	-17.24	16.35	3	Horizontal	225	1.01	-
5200MHz	Pass	AV	10.40264G	47.18	54.00	-6.82	16.34	3	Vertical	180	1.00	-
5200MHz	Pass	PK	10.4024G	61.52	74.00	-12.48	16.34	3	Vertical	180	1.00	-
5245MHz	Pass	AV	5.1478G	46.15	54.00	-7.85	7.00	3	Horizontal	1	1.03	-
5245MHz	Pass	AV	5.2438G	117.43	Inf	-Inf	7.05	3	Horizontal	1	1.03	-
5245MHz	Pass	AV	5.3926G	46.68	54.00	-7.32	7.13	3	Horizontal	1	1.03	-
5245MHz	Pass	PK	5.1466G	72.48	74.00	-1.52	7.00	3	Horizontal	1	1.03	-
5245MHz	Pass	PK	5.2432G	129.50	Inf	-Inf	7.05	3	Horizontal	1	1.03	-
5245MHz	Pass	PK	5.359G	73.36	74.00	-0.64	7.11	3	Horizontal	1	1.03	-
5245MHz	Pass	AV	5.122G	46.45	54.00	-7.55	6.98	3	Vertical	0	1.04	-
5245MHz	Pass	AV	5.2474G	115.55	Inf	-Inf	7.05	3	Vertical	0	1.04	-
5245MHz	Pass	AV	5.3554G	47.86	54.00	-6.14	7.11	3	Vertical	0	1.04	-
5245MHz	Pass	PK	5.1478G	69.49	74.00	-4.51	7.00	3	Vertical	0	1.04	-
5245MHz	Pass	PK	5.2444G	127.12	Inf	-Inf	7.05	3	Vertical	0	1.04	-
5245MHz	Pass	PK	5.3584G	73.15	74.00	-0.85	7.11	3	Vertical	0	1.04	-
5245MHz	Pass	AV	10.4915G	46.47	54.00	-7.53	13.13	3	Horizontal	188	1.00	-
5245MHz	Pass	PK	10.49096G	59.85	74.00	-14.15	13.13	3	Horizontal	188	1.00	-
5245MHz	Pass	AV	10.49162G	49.37	54.00	-4.63	13.13	3	Vertical	184	1.02	-
5245MHz	Pass	PK	10.49222G	63.34	74.00	-10.66	13.13	3	Vertical	184	1.02	-
5735MHz	Pass	AV	5.7362G	111.54	Inf	-Inf	3.47	3	Horizontal	359	1.00	-
5735MHz	Pass	PK	5.6498G	68.01	68.20	-0.19	3.39	3	Horizontal	359	1.00	-
5735MHz	Pass	PK	5.7362G	121.54	Inf	-Inf	3.47	3	Horizontal	359	1.00	-
5735MHz	Pass	PK	5.9306G	59.97	68.20	-8.23	3.62	3	Horizontal	359	1.00	-
5735MHz	Pass	AV	5.7374G	110.52	Inf	-Inf	3.47	3	Vertical	353	1.01	-
5735MHz	Pass	PK	5.6474G	66.39	68.20	-1.81	3.39	3	Vertical	353	1.01	-
5735MHz	Pass	PK	5.7362G	120.32	Inf	-Inf	3.47	3	Vertical	353	1.01	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5735MHz	Pass	PK	5.9306G	58.16	68.20	-10.04	3.62	3	Vertical	353	1.01	-
5735MHz	Pass	AV	11.47018G	47.51	54.00	-6.49	16.84	3	Horizontal	190	1.02	-
5735MHz	Pass	PK	11.46964G	61.04	74.00	-12.96	16.84	3	Horizontal	190	1.02	-
5735MHz	Pass	AV	11.47042G	45.14	54.00	-8.86	16.84	3	Vertical	171	1.00	-
5735MHz	Pass	PK	11.4718G	58.48	74.00	-15.52	16.84	3	Vertical	171	1.00	-
5790MHz	Pass	AV	5.7864G	113.72	Inf	-Inf	3.50	3	Horizontal	359	1.02	-
5790MHz	Pass	PK	5.6436G	65.95	68.20	-2.25	3.39	3	Horizontal	359	1.02	-
5790MHz	Pass	PK	5.7864G	124.16	Inf	-Inf	3.50	3	Horizontal	359	1.02	-
5790MHz	Pass	PK	5.928G	65.00	68.20	-3.20	3.62	3	Horizontal	359	1.02	-
5790MHz	Pass	AV	5.7924G	114.02	Inf	-Inf	3.50	3	Vertical	355	2.52	-
5790MHz	Pass	PK	5.6484G	66.30	68.20	-1.90	3.39	3	Vertical	355	2.52	-
5790MHz	Pass	PK	5.7924G	123.47	Inf	-Inf	3.50	3	Vertical	355	2.52	-
5790MHz	Pass	PK	5.9256G	63.28	68.20	-4.92	3.62	3	Vertical	355	2.52	-
5790MHz	Pass	AV	11.5796G	52.24	54.00	-1.76	13.47	3	Horizontal	176	1.11	-
5790MHz	Pass	AV	17.3683G	52.49	54.00	-1.51	19.05	3	Horizontal	193	3.65	-
5790MHz	Pass	PK	11.5793G	63.15	74.00	-10.85	13.48	3	Horizontal	176	1.11	-
5790MHz	Pass	PK	17.3777G	63.61	74.00	-10.39	19.12	3	Horizontal	193	3.65	-
5790MHz	Pass	AV	11.577G	47.58	54.00	-6.42	13.48	3	Vertical	181	1.87	-
5790MHz	Pass	PK	11.5849G	58.23	74.00	-15.77	13.47	3	Vertical	181	1.87	-
5840MHz	Pass	AV	5.8412G	113.03	Inf	-Inf	3.55	3	Horizontal	0	1.02	-
5840MHz	Pass	PK	5.6348G	62.26	68.20	-5.94	3.38	3	Horizontal	0	1.02	-
5840MHz	Pass	PK	5.8424G	122.64	Inf	-Inf	3.55	3	Horizontal	0	1.02	-
5840MHz	Pass	PK	5.9252G	67.34	68.20	-0.86	3.62	3	Horizontal	0	1.02	-
5840MHz	Pass	AV	5.8364G	112.07	Inf	-Inf	3.54	3	Vertical	357	1.19	-
5840MHz	Pass	PK	5.6372G	62.02	68.20	-6.18	3.38	3	Vertical	357	1.19	-
5840MHz	Pass	PK	5.8364G	121.31	Inf	-Inf	3.54	3	Vertical	357	1.19	-
5840MHz	Pass	PK	5.9264G	66.52	68.20	-1.68	3.62	3	Vertical	357	1.19	-
5840MHz	Pass	AV	11.67892G	45.83	54.00	-8.17	16.58	3	Horizontal	167	1.50	-
5840MHz	Pass	PK	11.67832G	59.40	74.00	-14.60	16.59	3	Horizontal	167	1.50	-
5840MHz	Pass	AV	11.6812G	46.49	54.00	-7.51	16.58	3	Vertical	167	1.20	-
5840MHz	Pass	PK	11.68168G	59.89	74.00	-14.11	16.58	3	Vertical	167	1.20	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5165MHz	Pass	AV	5.149995G	53.64	54.00	-0.36	7.00	3	Horizontal	1	1.12	-
5165MHz	Pass	AV	5.1708G	89.64	Inf	-Inf	7.01	3	Horizontal	1	1.12	-
5165MHz	Pass	PK	5.149995G	70.73	74.00	-3.27	7.00	3	Horizontal	1	1.12	-
5165MHz	Pass	PK	5.1704G	100.61	Inf	-Inf	7.01	3	Horizontal	1	1.12	-
5165MHz	Pass	AV	5.1498G	51.19	54.00	-2.81	7.00	3	Vertical	360	1.08	-
5165MHz	Pass	AV	5.17G	86.01	Inf	-Inf	7.01	3	Vertical	360	1.08	-
5165MHz	Pass	PK	5.1498G	66.04	74.00	-7.96	7.00	3	Vertical	360	1.08	-
5165MHz	Pass	PK	5.1678G	96.37	Inf	-Inf	7.01	3	Vertical	360	1.08	-
5165MHz	Pass	AV	10.34122G	41.94	54.00	-12.06	16.24	3	Horizontal	122	1.50	-
5165MHz	Pass	PK	10.33612G	56.37	74.00	-17.63	16.23	3	Horizontal	122	1.50	-
5165MHz	Pass	AV	10.34086G	42.03	54.00	-11.97	16.24	3	Vertical	203	1.00	-
5165MHz	Pass	PK	10.33174G	55.82	74.00	-18.18	16.23	3	Vertical	203	1.00	-
5200MHz	Pass	AV	5.149995G	49.00	54.00	-5.00	7.00	3	Horizontal	0	1.06	-
5200MHz	Pass	AV	5.1972G	113.68	Inf	-Inf	7.02	3	Horizontal	0	1.06	-
5200MHz	Pass	PK	5.1488G	73.28	74.00	-0.72	7.00	3	Horizontal	0	1.06	-
5200MHz	Pass	PK	5.1964G	124.14	Inf	-Inf	7.02	3	Horizontal	0	1.06	-
5200MHz	Pass	AV	5.149995G	48.93	54.00	-5.07	7.00	3	Vertical	0	1.00	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	AV	5.206G	111.14	Inf	-Inf	7.03	3	Vertical	0	1.00	-
5200MHz	Pass	PK	5.148G	70.94	74.00	-3.06	7.00	3	Vertical	0	1.00	-
5200MHz	Pass	PK	5.196G	121.61	Inf	-Inf	7.02	3	Vertical	0	1.00	-
5200MHz	Pass	AV	10.40366G	49.72	54.00	-4.28	16.35	3	Vertical	180	1.00	-
5200MHz	Pass	AV	10.40396G	45.58	54.00	-8.42	16.35	3	Vertical	180	1.03	-
5200MHz	Pass	PK	10.40324G	60.00	74.00	-14.00	16.35	3	Vertical	180	1.03	-
5200MHz	Pass	PK	10.40444G	64.08	74.00	-9.92	16.35	3	Vertical	180	1.00	-
5240MHz	Pass	AV	5.1488G	47.06	54.00	-6.94	7.00	3	Horizontal	0	1.00	-
5240MHz	Pass	AV	5.2382G	116.68	Inf	-Inf	7.04	3	Horizontal	0	1.00	-
5240MHz	Pass	AV	5.3888G	47.40	54.00	-6.60	7.13	3	Horizontal	0	1.00	-
5240MHz	Pass	PK	5.147G	70.70	74.00	-3.30	7.00	3	Horizontal	0	1.00	-
5240MHz	Pass	PK	5.2364G	127.41	Inf	-Inf	7.04	3	Horizontal	0	1.00	-
5240MHz	Pass	PK	5.3522G	71.62	74.00	-2.38	7.10	3	Horizontal	0	1.00	-
5240MHz	Pass	AV	5.1476G	48.99	54.00	-5.01	7.00	3	Vertical	0	1.03	-
5240MHz	Pass	AV	5.246G	116.15	Inf	-Inf	7.05	3	Vertical	0	1.03	-
5240MHz	Pass	AV	5.3522G	48.42	54.00	-5.58	7.10	3	Vertical	0	1.03	-
5240MHz	Pass	PK	5.1452G	71.66	74.00	-2.34	6.99	3	Vertical	0	1.03	-
5240MHz	Pass	PK	5.2412G	126.95	Inf	-Inf	7.05	3	Vertical	0	1.03	-
5240MHz	Pass	PK	5.3558G	73.84	74.00	-0.16	7.11	3	Vertical	0	1.03	-
5240MHz	Pass	AV	10.48168G	48.52	54.00	-5.48	16.47	3	Horizontal	128	1.00	-
5240MHz	Pass	PK	10.48372G	62.83	74.00	-11.17	16.48	3	Horizontal	128	1.00	-
5240MHz	Pass	AV	10.48384G	51.62	54.00	-2.38	16.48	3	Vertical	191	1.00	-
5240MHz	Pass	PK	10.48612G	66.24	74.00	-7.76	16.48	3	Vertical	191	1.00	-
5740MHz	Pass	AV	5.734G	111.61	Inf	-Inf	3.46	3	Horizontal	359	1.00	-
5740MHz	Pass	PK	5.6476G	65.92	68.20	-2.28	3.39	3	Horizontal	359	1.00	-
5740MHz	Pass	PK	5.7352G	120.52	Inf	-Inf	3.46	3	Horizontal	359	1.00	-
5740MHz	Pass	PK	5.9344G	60.35	68.20	-7.85	3.63	3	Horizontal	359	1.00	-
5740MHz	Pass	AV	5.734G	112.69	Inf	-Inf	3.46	3	Vertical	353	1.01	-
5740MHz	Pass	PK	5.6476G	67.46	68.20	-0.74	3.39	3	Vertical	353	1.01	-
5740MHz	Pass	PK	5.7352G	121.47	Inf	-Inf	3.46	3	Vertical	353	1.01	-
5740MHz	Pass	PK	5.926G	60.00	68.20	-8.20	3.62	3	Vertical	353	1.01	-
5740MHz	Pass	AV	11.4812G	48.86	54.00	-5.14	16.83	3	Horizontal	185	1.00	-
5740MHz	Pass	PK	11.48006G	63.83	74.00	-10.17	16.83	3	Horizontal	185	1.00	-
5740MHz	Pass	AV	11.48126G	44.30	54.00	-9.70	16.83	3	Vertical	171	1.00	-
5740MHz	Pass	PK	11.47826G	58.47	74.00	-15.53	16.83	3	Vertical	171	1.00	-
5790MHz	Pass	AV	5.7924G	111.49	Inf	-Inf	3.50	3	Horizontal	352	1.04	-
5790MHz	Pass	PK	5.6352G	61.52	68.20	-6.68	3.38	3	Horizontal	352	1.04	-
5790MHz	Pass	PK	5.7924G	119.98	Inf	-Inf	3.50	3	Horizontal	352	1.04	-
5790MHz	Pass	PK	5.9268G	61.06	68.20	-7.14	3.62	3	Horizontal	352	1.04	-
5790MHz	Pass	AV	5.7852G	110.85	Inf	-Inf	3.50	3	Vertical	345	1.06	-
5790MHz	Pass	PK	5.6472G	62.09	68.20	-6.11	3.39	3	Vertical	345	1.06	-
5790MHz	Pass	PK	5.7972G	118.97	Inf	-Inf	3.51	3	Vertical	345	1.06	-
5790MHz	Pass	PK	5.9688G	60.18	68.20	-8.02	3.66	3	Vertical	345	1.06	-
5790MHz	Pass	AV	11.579G	49.85	54.00	-4.15	13.48	3	Horizontal	174	1.13	-
5790MHz	Pass	PK	11.5788G	61.05	74.00	-12.95	13.48	3	Horizontal	174	1.13	-
5790MHz	Pass	AV	11.581G	47.55	54.00	-6.45	13.47	3	Vertical	165	2.77	-
5790MHz	Pass	PK	11.5834G	57.92	74.00	-16.08	13.47	3	Vertical	165	2.77	-
5835MHz	Pass	AV	5.829G	109.60	Inf	-Inf	3.54	3	Horizontal	359	1.01	-
5835MHz	Pass	PK	5.6406G	59.13	68.20	-9.07	3.39	3	Horizontal	359	1.01	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5835MHz	Pass	PK	5.8302G	117.87	Inf	-Inf	3.54	3	Horizontal	359	1.01	-
5835MHz	Pass	PK	5.9358G	62.22	68.20	-5.98	3.63	3	Horizontal	359	1.01	-
5835MHz	Pass	AV	5.8302G	111.25	Inf	-Inf	3.54	3	Vertical	354	1.11	-
5835MHz	Pass	PK	5.6478G	61.24	68.20	-6.96	3.39	3	Vertical	354	1.11	-
5835MHz	Pass	PK	5.8314G	120.02	Inf	-Inf	3.54	3	Vertical	354	1.11	-
5835MHz	Pass	PK	5.925G	63.71	68.20	-4.49	3.62	3	Vertical	354	1.11	-
5835MHz	Pass	AV	11.67138G	48.13	54.00	-5.87	16.59	3	Horizontal	193	1.01	-
5835MHz	Pass	PK	11.67228G	61.94	74.00	-12.06	16.59	3	Horizontal	193	1.01	-
5835MHz	Pass	AV	11.6715G	44.29	54.00	-9.71	16.59	3	Vertical	249	1.00	-
5835MHz	Pass	PK	11.6688G	57.19	74.00	-16.81	16.60	3	Vertical	249	1.00	-
802.11ac VHT30_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5170MHz	Pass	AV	5.149995G	53.14	54.00	-0.86	7.00	3	Horizontal	0	1.07	-
5170MHz	Pass	AV	5.1768G	85.12	Inf	-Inf	7.01	3	Horizontal	0	1.07	-
5170MHz	Pass	PK	5.149995G	66.57	74.00	-7.43	7.00	3	Horizontal	0	1.07	-
5170MHz	Pass	PK	5.1792G	95.14	Inf	-Inf	7.01	3	Horizontal	0	1.07	-
5170MHz	Pass	AV	5.149995G	50.78	54.00	-3.22	7.00	3	Vertical	0	1.04	-
5170MHz	Pass	AV	5.1796G	81.63	Inf	-Inf	7.01	3	Vertical	0	1.04	-
5170MHz	Pass	PK	5.149995G	63.27	74.00	-10.73	7.00	3	Vertical	0	1.04	-
5170MHz	Pass	PK	5.1772G	91.25	Inf	-Inf	7.01	3	Vertical	0	1.04	-
5170MHz	Pass	AV	10.35236G	42.12	54.00	-11.88	16.26	3	Horizontal	204	1.88	-
5170MHz	Pass	PK	10.33736G	55.48	74.00	-18.52	16.24	3	Horizontal	204	1.88	-
5170MHz	Pass	AV	10.33808G	42.06	54.00	-11.94	16.24	3	Vertical	3	1.50	-
5170MHz	Pass	PK	10.34138G	56.09	74.00	-17.91	16.24	3	Vertical	3	1.50	-
5200MHz	Pass	AV	5.1496G	53.45	54.00	-0.55	7.00	3	Horizontal	1	1.18	-
5200MHz	Pass	AV	5.2096G	111.26	Inf	-Inf	7.03	3	Horizontal	1	1.18	-
5200MHz	Pass	PK	5.149995G	72.63	74.00	-1.37	7.00	3	Horizontal	1	1.18	-
5200MHz	Pass	PK	5.2092G	121.02	Inf	-Inf	7.03	3	Horizontal	1	1.18	-
5200MHz	Pass	AV	5.149995G	51.29	54.00	-2.71	7.00	3	Vertical	0	1.15	-
5200MHz	Pass	AV	5.2088G	108.40	Inf	-Inf	7.03	3	Vertical	0	1.15	-
5200MHz	Pass	PK	5.1488G	69.09	74.00	-4.91	7.00	3	Vertical	0	1.15	-
5200MHz	Pass	PK	5.21G	118.36	Inf	-Inf	7.03	3	Vertical	0	1.15	-
5200MHz	Pass	AV	10.4063G	43.07	54.00	-10.93	16.35	3	Horizontal	286	1.69	-
5200MHz	Pass	PK	10.4015G	57.32	74.00	-16.68	16.34	3	Horizontal	286	1.69	-
5200MHz	Pass	AV	10.40204G	44.98	54.00	-9.02	16.34	3	Vertical	189	2.09	-
5200MHz	Pass	PK	10.40174G	62.50	74.00	-11.50	16.34	3	Vertical	189	2.09	-
5235MHz	Pass	AV	5.1492G	51.32	54.00	-2.68	7.00	3	Horizontal	0	1.00	-
5235MHz	Pass	AV	5.2338G	115.38	Inf	-Inf	7.04	3	Horizontal	0	1.00	-
5235MHz	Pass	AV	5.3544G	48.93	54.00	-5.07	7.11	3	Horizontal	0	1.00	-
5235MHz	Pass	PK	5.1444G	71.63	74.00	-2.37	6.99	3	Horizontal	0	1.00	-
5235MHz	Pass	PK	5.232G	125.43	Inf	-Inf	7.04	3	Horizontal	0	1.00	-
5235MHz	Pass	PK	5.3544G	71.31	74.00	-2.69	7.11	3	Horizontal	0	1.00	-
5235MHz	Pass	AV	5.149995G	53.26	54.00	-0.74	7.00	3	Vertical	359	1.09	-
5235MHz	Pass	AV	5.2434G	114.24	Inf	-Inf	7.05	3	Vertical	359	1.09	-
5235MHz	Pass	AV	5.3502G	49.55	54.00	-4.45	7.10	3	Vertical	359	1.09	-
5235MHz	Pass	PK	5.1468G	71.47	74.00	-2.53	7.00	3	Vertical	359	1.09	-
5235MHz	Pass	PK	5.2452G	124.87	Inf	-Inf	7.05	3	Vertical	359	1.09	-
5235MHz	Pass	PK	5.3532G	71.76	74.00	-2.24	7.10	3	Vertical	359	1.09	-
5235MHz	Pass	AV	10.4715G	45.27	54.00	-8.73	16.46	3	Horizontal	76	1.26	-
5235MHz	Pass	PK	10.46742G	58.28	74.00	-15.72	16.45	3	Horizontal	76	1.26	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5235MHz	Pass	AV	10.4751G	49.95	54.00	-4.05	16.46	3	Vertical	185	1.00	-
5235MHz	Pass	PK	10.47552G	64.75	74.00	-9.25	16.46	3	Vertical	185	1.00	-
5745MHz	Pass	AV	5.7366G	108.36	Inf	-Inf	3.47	3	Horizontal	359	1.01	-
5745MHz	Pass	PK	5.6466G	63.65	68.20	-4.55	3.39	3	Horizontal	359	1.01	-
5745MHz	Pass	PK	5.7366G	117.01	Inf	-Inf	3.47	3	Horizontal	359	1.01	-
5745MHz	Pass	PK	5.931G	58.65	68.20	-9.55	3.62	3	Horizontal	359	1.01	-
5745MHz	Pass	AV	5.7354G	110.89	Inf	-Inf	3.46	3	Vertical	354	1.03	-
5745MHz	Pass	PK	5.649G	67.50	68.20	-0.70	3.39	3	Vertical	354	1.03	-
5745MHz	Pass	PK	5.7402G	119.50	Inf	-Inf	3.47	3	Vertical	354	1.03	-
5745MHz	Pass	PK	5.9286G	59.86	68.20	-8.34	3.62	3	Vertical	354	1.03	-
5745MHz	Pass	AV	11.4843G	46.77	54.00	-7.23	16.82	3	Horizontal	84	1.63	-
5745MHz	Pass	PK	11.48838G	61.57	74.00	-12.43	16.82	3	Horizontal	84	1.63	-
5745MHz	Pass	AV	11.49612G	44.06	54.00	-9.94	16.81	3	Vertical	162	2.12	-
5745MHz	Pass	PK	11.50122G	57.82	74.00	-16.18	16.80	3	Vertical	162	2.12	-
5790MHz	Pass	AV	5.7948G	110.39	Inf	-Inf	3.51	3	Horizontal	355	1.01	-
5790MHz	Pass	PK	5.6328G	61.61	68.20	-6.59	3.38	3	Horizontal	355	1.01	-
5790MHz	Pass	PK	5.7924G	116.80	Inf	-Inf	3.50	3	Horizontal	355	1.01	-
5790MHz	Pass	PK	5.9256G	60.57	68.20	-7.63	3.62	3	Horizontal	355	1.01	-
5790MHz	Pass	AV	5.7984G	109.00	Inf	-Inf	3.51	3	Vertical	341	1.08	-
5790MHz	Pass	PK	5.6496G	62.82	68.20	-5.38	3.39	3	Vertical	341	1.08	-
5790MHz	Pass	PK	5.7948G	118.10	Inf	-Inf	3.51	3	Vertical	341	1.08	-
5790MHz	Pass	PK	5.9316G	61.23	68.20	-6.97	3.63	3	Vertical	341	1.08	-
5790MHz	Pass	AV	11.5788G	48.48	54.00	-5.52	13.48	3	Horizontal	174	1.08	-
5790MHz	Pass	PK	11.5784G	59.63	74.00	-14.37	13.48	3	Horizontal	174	1.08	-
5790MHz	Pass	AV	11.579G	46.63	54.00	-7.37	13.48	3	Vertical	167	3.37	-
5790MHz	Pass	PK	11.5778G	57.32	74.00	-16.68	13.48	3	Vertical	167	3.37	-
5830MHz	Pass	AV	5.8336G	108.14	Inf	-Inf	3.54	3	Horizontal	359	1.06	-
5830MHz	Pass	PK	5.638G	59.96	68.20	-8.24	3.38	3	Horizontal	359	1.06	-
5830MHz	Pass	PK	5.8324G	116.61	Inf	-Inf	3.54	3	Horizontal	359	1.06	-
5830MHz	Pass	PK	5.9356G	61.59	68.20	-6.61	3.63	3	Horizontal	359	1.06	-
5830MHz	Pass	AV	5.8204G	110.20	Inf	-Inf	3.53	3	Vertical	356	1.01	-
5830MHz	Pass	PK	5.6332G	62.24	68.20	-5.96	3.38	3	Vertical	356	1.01	-
5830MHz	Pass	PK	5.8216G	119.01	Inf	-Inf	3.53	3	Vertical	356	1.01	-
5830MHz	Pass	PK	5.9248G	64.19	68.35	-4.16	3.62	3	Vertical	356	1.01	-
5830MHz	Pass	AV	11.65508G	45.60	54.00	-8.40	16.61	3	Horizontal	100	1.55	-
5830MHz	Pass	PK	11.6582G	60.20	74.00	-13.80	16.61	3	Horizontal	100	1.55	-
5830MHz	Pass	AV	11.6558G	43.16	54.00	-10.84	16.61	3	Vertical	68	2.28	-
5830MHz	Pass	PK	11.6516G	57.45	74.00	-16.55	16.62	3	Vertical	68	2.28	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5175MHz	Pass	AV	5.149995G	53.66	54.00	-0.34	7.00	3	Horizontal	0	1.07	-
5175MHz	Pass	AV	5.1822G	83.66	Inf	-Inf	7.02	3	Horizontal	0	1.07	-
5175MHz	Pass	PK	5.1498G	65.46	74.00	-8.54	7.00	3	Horizontal	0	1.07	-
5175MHz	Pass	PK	5.183G	93.90	Inf	-Inf	7.02	3	Horizontal	0	1.07	-
5175MHz	Pass	AV	5.149995G	51.52	54.00	-2.48	7.00	3	Vertical	0	1.03	-
5175MHz	Pass	AV	5.1788G	79.84	Inf	-Inf	7.01	3	Vertical	0	1.03	-
5175MHz	Pass	PK	5.149995G	63.84	74.00	-10.16	7.00	3	Vertical	0	1.03	-
5175MHz	Pass	PK	5.1788G	90.56	Inf	-Inf	7.01	3	Vertical	0	1.03	-
5175MHz	Pass	AV	10.36332G	42.25	54.00	-11.75	16.28	3	Horizontal	125	1.12	-
5175MHz	Pass	PK	10.34604G	55.97	74.00	-18.03	16.25	3	Horizontal	125	1.12	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5175MHz	Pass	AV	10.35228G	42.13	54.00	-11.87	16.26	3	Vertical	188	1.49	-
5175MHz	Pass	PK	10.36428G	56.23	74.00	-17.77	16.28	3	Vertical	188	1.49	-
5200MHz	Pass	AV	5.149995G	53.74	54.00	-0.26	7.00	3	Horizontal	0	1.15	-
5200MHz	Pass	AV	5.2072G	102.48	Inf	-Inf	7.03	3	Horizontal	0	1.15	-
5200MHz	Pass	PK	5.149995G	68.79	74.00	-5.21	7.00	3	Horizontal	0	1.15	-
5200MHz	Pass	PK	5.2056G	112.95	Inf	-Inf	7.03	3	Horizontal	0	1.15	-
5200MHz	Pass	AV	5.149995G	51.80	54.00	-2.20	7.00	3	Vertical	0	1.19	-
5200MHz	Pass	AV	5.2108G	100.43	Inf	-Inf	7.03	3	Vertical	0	1.19	-
5200MHz	Pass	PK	5.1472G	66.64	74.00	-7.36	7.00	3	Vertical	0	1.19	-
5200MHz	Pass	PK	5.2076G	110.20	Inf	-Inf	7.03	3	Vertical	0	1.19	-
5200MHz	Pass	AV	10.41464G	42.39	54.00	-11.61	16.36	3	Horizontal	348	2.11	-
5200MHz	Pass	PK	10.3865G	56.44	74.00	-17.56	16.32	3	Horizontal	348	2.11	-
5200MHz	Pass	AV	10.4054G	42.39	54.00	-11.61	16.35	3	Vertical	247	1.72	-
5200MHz	Pass	PK	10.40018G	56.14	74.00	-17.86	16.34	3	Vertical	247	1.72	-
5230MHz	Pass	AV	5.149995G	53.57	54.00	-0.43	7.00	3	Horizontal	0	1.01	-
5230MHz	Pass	AV	5.2376G	112.35	Inf	-Inf	7.04	3	Horizontal	0	1.01	-
5230MHz	Pass	PK	5.149995G	65.79	74.00	-8.21	7.00	3	Horizontal	0	1.01	-
5230MHz	Pass	PK	5.238G	122.47	Inf	-Inf	7.04	3	Horizontal	0	1.01	-
5230MHz	Pass	AV	5.1492G	53.77	54.00	-0.23	7.00	3	Vertical	1	1.02	-
5230MHz	Pass	AV	5.2376G	110.96	Inf	-Inf	7.04	3	Vertical	1	1.02	-
5230MHz	Pass	PK	5.148G	67.71	74.00	-6.29	7.00	3	Vertical	1	1.02	-
5230MHz	Pass	PK	5.2352G	121.55	Inf	-Inf	7.04	3	Vertical	1	1.02	-
5230MHz	Pass	AV	10.45958G	43.76	54.00	-10.24	16.44	3	Horizontal	66	2.28	-
5230MHz	Pass	PK	10.45664G	56.07	74.00	-17.93	16.43	3	Horizontal	66	2.28	-
5230MHz	Pass	AV	10.45916G	44.99	54.00	-9.01	16.44	3	Vertical	287	1.26	-
5230MHz	Pass	PK	10.45376G	56.06	74.00	-17.94	16.43	3	Vertical	287	1.26	-
5750MHz	Pass	AV	5.7524G	105.36	Inf	-Inf	3.48	3	Horizontal	359	1.02	-
5750MHz	Pass	PK	5.6492G	64.18	68.20	-4.02	3.39	3	Horizontal	359	1.02	-
5750MHz	Pass	PK	5.7548G	113.88	Inf	-Inf	3.48	3	Horizontal	359	1.02	-
5750MHz	Pass	PK	5.9312G	59.34	68.20	-8.86	3.62	3	Horizontal	359	1.02	-
5750MHz	Pass	AV	5.738G	108.30	Inf	-Inf	3.47	3	Vertical	355	1.02	-
5750MHz	Pass	PK	5.6468G	67.64	68.20	-0.56	3.39	3	Vertical	355	1.02	-
5750MHz	Pass	PK	5.7536G	117.96	Inf	-Inf	3.48	3	Vertical	355	1.02	-
5750MHz	Pass	PK	5.93G	60.68	68.20	-7.52	3.62	3	Vertical	355	1.02	-
5750MHz	Pass	AV	11.50132G	42.05	54.00	-11.95	16.80	3	Horizontal	309	1.37	-
5750MHz	Pass	PK	11.50798G	55.67	74.00	-18.33	16.80	3	Horizontal	309	1.37	-
5750MHz	Pass	AV	11.49496G	42.75	54.00	-11.25	16.81	3	Vertical	101	1.67	-
5750MHz	Pass	PK	11.50678G	55.96	74.00	-18.04	16.80	3	Vertical	101	1.67	-
5790MHz	Pass	AV	5.7924G	106.68	Inf	-Inf	3.50	3	Horizontal	354	1.01	-
5790MHz	Pass	PK	5.6496G	63.59	68.20	-4.61	3.39	3	Horizontal	354	1.01	-
5790MHz	Pass	PK	5.7924G	115.28	Inf	-Inf	3.50	3	Horizontal	354	1.01	-
5790MHz	Pass	PK	5.9256G	61.48	68.20	-6.72	3.62	3	Horizontal	354	1.01	-
5790MHz	Pass	AV	5.778G	108.51	Inf	-Inf	3.49	3	Vertical	342	1.13	-
5790MHz	Pass	PK	5.6448G	65.15	68.20	-3.05	3.39	3	Vertical	342	1.13	-
5790MHz	Pass	PK	5.7852G	117.10	Inf	-Inf	3.50	3	Vertical	342	1.13	-
5790MHz	Pass	PK	5.9268G	63.34	68.20	-4.86	3.62	3	Vertical	342	1.13	-
5790MHz	Pass	AV	11.5788G	47.69	54.00	-6.31	13.48	3	Horizontal	176	1.17	-
5790MHz	Pass	PK	11.5766G	58.66	74.00	-15.34	13.48	3	Horizontal	176	1.17	-
5790MHz	Pass	AV	11.5802G	46.17	54.00	-7.83	13.47	3	Vertical	167	3.13	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5790MHz	Pass	PK	11.5812G	57.04	74.00	-16.96	13.47	3	Vertical	167	3.13	-
5825MHz	Pass	AV	5.8262G	106.24	Inf	-Inf	3.53	3	Horizontal	359	1.01	-
5825MHz	Pass	PK	5.6462G	61.42	68.20	-6.78	3.39	3	Horizontal	359	1.01	-
5825MHz	Pass	PK	5.8226G	114.97	Inf	-Inf	3.53	3	Horizontal	359	1.01	-
5825MHz	Pass	PK	5.9282G	63.84	68.20	-4.36	3.62	3	Horizontal	359	1.01	-
5825MHz	Pass	AV	5.8166G	108.24	Inf	-Inf	3.52	3	Vertical	356	1.02	-
5825MHz	Pass	PK	5.6474G	64.85	68.20	-3.35	3.39	3	Vertical	121	1.50	-
5825MHz	Pass	PK	5.8226G	117.40	Inf	-Inf	3.53	3	Vertical	109	1.50	-
5825MHz	Pass	PK	5.9354G	65.53	68.20	-2.67	3.63	3	Vertical	266	1.50	-
5825MHz	Pass	AV	11.64622G	44.64	54.00	-9.36	16.63	3	Horizontal	62	2.43	-
5825MHz	Pass	PK	11.64874G	58.30	74.00	-15.70	16.62	3	Horizontal	62	2.43	-
5825MHz	Pass	AV	11.647G	41.58	54.00	-12.42	16.62	3	Vertical	301	1.78	-
5825MHz	Pass	PK	11.65924G	54.99	74.00	-19.01	16.61	3	Vertical	301	1.78	-
802.11ac VHT50_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.91	54.00	-0.09	7.00	3	Horizontal	0	1.07	-
5180MHz	Pass	AV	5.1768G	82.45	Inf	-Inf	7.01	3	Horizontal	0	1.07	-
5180MHz	Pass	PK	5.149995G	65.91	74.00	-8.09	7.00	3	Horizontal	0	1.07	-
5180MHz	Pass	PK	5.1768G	92.34	Inf	-Inf	7.01	3	Horizontal	0	1.07	-
5180MHz	Pass	AV	5.149995G	51.23	54.00	-2.77	7.00	3	Vertical	0	1.00	-
5180MHz	Pass	AV	5.1936G	79.25	Inf	-Inf	7.02	3	Vertical	0	1.00	-
5180MHz	Pass	PK	5.149995G	63.39	74.00	-10.61	7.00	3	Vertical	0	1.00	-
5180MHz	Pass	PK	5.1964G	89.02	Inf	-Inf	7.02	3	Vertical	0	1.00	-
5180MHz	Pass	AV	10.37356G	43.29	54.00	-10.71	16.30	3	Horizontal	21	1.26	-
5180MHz	Pass	PK	10.37248G	56.55	74.00	-17.45	16.29	3	Horizontal	21	1.26	-
5180MHz	Pass	AV	10.36378G	42.19	54.00	-11.81	16.28	3	Vertical	9	1.98	-
5180MHz	Pass	PK	10.37476G	55.58	74.00	-18.42	16.30	3	Vertical	9	1.98	-
5200MHz	Pass	AV	5.149995G	53.57	54.00	-0.43	7.00	3	Horizontal	0	1.00	-
5200MHz	Pass	AV	5.206G	95.66	Inf	-Inf	7.03	3	Horizontal	0	1.00	-
5200MHz	Pass	PK	5.148G	65.03	74.00	-8.97	7.00	3	Horizontal	0	1.00	-
5200MHz	Pass	PK	5.21G	105.70	Inf	-Inf	7.03	3	Horizontal	0	1.00	-
5200MHz	Pass	AV	5.149995G	50.39	54.00	-3.61	7.00	3	Vertical	0	1.18	-
5200MHz	Pass	AV	5.2132G	93.49	Inf	-Inf	7.03	3	Vertical	0	1.18	-
5200MHz	Pass	PK	5.149995G	61.87	74.00	-12.13	7.00	3	Vertical	0	1.18	-
5200MHz	Pass	PK	5.2064G	103.88	Inf	-Inf	7.03	3	Vertical	0	1.18	-
5200MHz	Pass	AV	10.40294G	42.38	54.00	-11.62	16.34	3	Horizontal	302	2.42	-
5200MHz	Pass	PK	10.4036G	56.16	74.00	-17.84	16.35	3	Horizontal	302	2.42	-
5200MHz	Pass	AV	10.39202G	42.56	54.00	-11.44	16.33	3	Vertical	234	2.30	-
5200MHz	Pass	PK	10.39634G	55.93	74.00	-18.07	16.33	3	Vertical	234	2.30	-
5225MHz	Pass	AV	5.1494G	49.80	54.00	-4.20	7.00	3	Horizontal	0	1.17	-
5225MHz	Pass	AV	5.2226G	105.10	Inf	-Inf	7.04	3	Horizontal	0	1.17	-
5225MHz	Pass	PK	5.1474G	67.67	74.00	-6.33	7.00	3	Horizontal	0	1.17	-
5225MHz	Pass	PK	5.2202G	115.02	Inf	-Inf	7.04	3	Horizontal	0	1.17	-
5225MHz	Pass	AV	5.149995G	53.69	54.00	-0.31	7.00	3	Vertical	1	1.00	-
5225MHz	Pass	AV	5.2362G	105.40	Inf	-Inf	7.04	3	Vertical	1	1.00	-
5225MHz	Pass	PK	5.1458G	67.97	74.00	-6.03	6.99	3	Vertical	1	1.00	-
5225MHz	Pass	PK	5.2366G	115.82	Inf	-Inf	7.04	3	Vertical	1	1.00	-
5225MHz	Pass	AV	10.44928G	42.49	54.00	-11.51	16.42	3	Horizontal	207	1.77	-
5225MHz	Pass	PK	10.4512G	55.87	74.00	-18.13	16.42	3	Horizontal	207	1.77	-
5225MHz	Pass	AV	10.4482G	42.29	54.00	-11.71	16.42	3	Vertical	5	1.25	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5225MHz	Pass	PK	10.43854G	55.92	74.00	-18.08	16.40	3	Vertical	5	1.25	-
5755MHz	Pass	AV	5.7454G	107.14	Inf	-Inf	7.63	3	Horizontal	3	1.01	-
5755MHz	Pass	PK	5.6422G	67.75	68.20	-0.45	7.44	3	Horizontal	3	1.01	-
5755MHz	Pass	PK	5.7682G	117.13	Inf	-Inf	7.67	3	Horizontal	3	1.01	-
5755MHz	Pass	PK	5.9398G	62.93	68.20	-5.27	7.99	3	Horizontal	3	1.01	-
5755MHz	Pass	AV	5.7406G	106.39	Inf	-Inf	7.62	3	Vertical	0	1.05	-
5755MHz	Pass	PK	5.6434G	67.55	68.20	-0.65	7.44	3	Vertical	0	1.05	-
5755MHz	Pass	PK	5.761G	116.82	Inf	-Inf	7.66	3	Vertical	0	1.05	-
5755MHz	Pass	PK	5.9254G	62.60	68.20	-5.60	7.96	3	Vertical	0	1.05	-
5755MHz	Pass	AV	11.51228G	41.97	54.00	-12.03	16.79	3	Horizontal	104	2.31	-
5755MHz	Pass	PK	11.50784G	55.57	74.00	-18.43	16.80	3	Horizontal	104	2.31	-
5755MHz	Pass	AV	11.50676G	41.98	54.00	-12.02	16.80	3	Vertical	261	1.39	-
5755MHz	Pass	PK	11.4986G	55.44	74.00	-18.56	16.81	3	Vertical	261	1.39	-
5790MHz	Pass	AV	5.7936G	106.90	Inf	-Inf	3.51	3	Horizontal	357	1.00	-
5790MHz	Pass	PK	5.6376G	63.10	68.20	-5.10	3.38	3	Horizontal	357	1.00	-
5790MHz	Pass	PK	5.7936G	114.47	Inf	-Inf	3.51	3	Horizontal	357	1.00	-
5790MHz	Pass	PK	5.9268G	62.72	68.20	-5.48	3.62	3	Horizontal	357	1.00	-
5790MHz	Pass	AV	5.7804G	108.86	Inf	-Inf	3.50	3	Vertical	354	1.01	-
5790MHz	Pass	PK	5.6304G	66.42	68.20	-1.78	3.38	3	Vertical	354	1.01	-
5790MHz	Pass	PK	5.7744G	117.08	Inf	-Inf	3.49	3	Vertical	354	1.01	-
5790MHz	Pass	PK	5.9256G	64.47	68.20	-3.73	3.62	3	Vertical	354	1.01	-
5790MHz	Pass	AV	11.57856G	47.36	54.00	-6.64	13.48	3	Horizontal	175	1.12	-
5790MHz	Pass	PK	11.57584G	58.63	74.00	-15.37	13.48	3	Horizontal	175	1.12	-
5790MHz	Pass	AV	11.5816G	45.61	54.00	-8.39	13.47	3	Vertical	166	2.76	-
5790MHz	Pass	PK	11.58592G	56.36	74.00	-17.64	13.46	3	Vertical	166	2.76	-
5820MHz	Pass	AV	5.8092G	107.10	Inf	-Inf	7.75	3	Horizontal	4	1.04	-
5820MHz	Pass	PK	5.6412G	65.32	68.20	-2.88	7.44	3	Horizontal	4	1.04	-
5820MHz	Pass	PK	5.832G	116.88	Inf	-Inf	7.79	3	Horizontal	4	1.04	-
5820MHz	Pass	PK	5.9292G	66.56	68.20	-1.64	7.97	3	Horizontal	4	1.04	-
5820MHz	Pass	AV	5.8092G	109.29	Inf	-Inf	7.75	3	Vertical	0	1.01	-
5820MHz	Pass	PK	5.6316G	66.87	68.20	-1.33	7.42	3	Vertical	0	1.01	-
5820MHz	Pass	PK	5.8068G	119.52	Inf	-Inf	7.75	3	Vertical	0	1.01	-
5820MHz	Pass	PK	5.9268G	67.86	68.20	-0.34	7.97	3	Vertical	0	1.01	-
5820MHz	Pass	AV	11.65314G	41.34	54.00	-12.66	16.62	3	Horizontal	294	1.88	-
5820MHz	Pass	PK	11.64156G	56.09	74.00	-17.91	16.63	3	Horizontal	294	1.88	-
5820MHz	Pass	AV	11.64162G	41.60	54.00	-12.40	16.63	3	Vertical	218	2.47	-
5820MHz	Pass	PK	11.6379G	55.85	74.00	-18.15	16.64	3	Vertical	218	2.47	-
802.11ac VHT60_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5185MHz	Pass	AV	5.149995G	53.30	54.00	-0.70	7.00	3	Horizontal	0	1.04	-
5185MHz	Pass	AV	5.1806G	81.78	Inf	-Inf	7.01	3	Horizontal	0	1.04	-
5185MHz	Pass	PK	5.149995G	66.04	74.00	-7.96	7.00	3	Horizontal	0	1.04	-
5185MHz	Pass	PK	5.1778G	91.67	Inf	-Inf	7.01	3	Horizontal	0	1.04	-
5185MHz	Pass	AV	5.149995G	51.28	54.00	-2.72	7.00	3	Vertical	0	1.01	-
5185MHz	Pass	AV	5.1986G	78.53	Inf	-Inf	7.03	3	Vertical	0	1.01	-
5185MHz	Pass	PK	5.149995G	62.60	74.00	-11.40	7.00	3	Vertical	0	1.01	-
5185MHz	Pass	PK	5.1922G	88.44	Inf	-Inf	7.02	3	Vertical	0	1.01	-
5185MHz	Pass	AV	10.38368G	42.25	54.00	-11.75	16.31	3	Horizontal	310	1.85	-
5185MHz	Pass	PK	10.38206G	55.80	74.00	-18.20	16.31	3	Horizontal	310	1.85	-
5185MHz	Pass	AV	10.3817G	42.23	54.00	-11.77	16.31	3	Vertical	334	2.22	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5185MHz	Pass	PK	10.3814G	55.64	74.00	-18.36	16.31	3	Vertical	334	2.22	-
5200MHz	Pass	AV	5.1496G	53.42	54.00	-0.58	7.00	3	Horizontal	1	1.07	-
5200MHz	Pass	AV	5.2128G	92.44	Inf	-Inf	7.03	3	Horizontal	1	1.07	-
5200MHz	Pass	PK	5.149995G	67.00	74.00	-7.00	7.00	3	Horizontal	1	1.07	-
5200MHz	Pass	PK	5.2132G	102.64	Inf	-Inf	7.03	3	Horizontal	1	1.07	-
5200MHz	Pass	AV	5.149995G	49.41	54.00	-4.59	7.00	3	Vertical	0	1.11	-
5200MHz	Pass	AV	5.22G	91.30	Inf	-Inf	7.04	3	Vertical	0	1.11	-
5200MHz	Pass	PK	5.149995G	61.23	74.00	-12.77	7.00	3	Vertical	0	1.11	-
5200MHz	Pass	PK	5.2072G	100.93	Inf	-Inf	7.03	3	Vertical	0	1.11	-
5200MHz	Pass	AV	10.40936G	42.38	54.00	-11.62	16.36	3	Horizontal	224	1.13	-
5200MHz	Pass	PK	10.3979G	55.94	74.00	-18.06	16.34	3	Horizontal	224	1.13	-
5200MHz	Pass	AV	10.39208G	42.45	54.00	-11.55	16.33	3	Vertical	356	2.17	-
5200MHz	Pass	PK	10.39832G	56.44	74.00	-17.56	16.34	3	Vertical	356	2.17	-
5220MHz	Pass	AV	5.1492G	53.74	54.00	-0.26	7.00	3	Horizontal	0	1.04	-
5220MHz	Pass	AV	5.2324G	100.94	Inf	-Inf	7.04	3	Horizontal	0	1.04	-
5220MHz	Pass	PK	5.1496G	67.11	74.00	-6.89	7.00	3	Horizontal	0	1.04	-
5220MHz	Pass	PK	5.2328G	111.45	Inf	-Inf	7.04	3	Horizontal	0	1.04	-
5220MHz	Pass	AV	5.1496G	53.90	54.00	-0.10	7.00	3	Vertical	0	1.01	-
5220MHz	Pass	AV	5.24G	100.64	Inf	-Inf	7.05	3	Vertical	0	1.01	-
5220MHz	Pass	PK	5.149995G	67.27	74.00	-6.73	7.00	3	Vertical	0	1.01	-
5220MHz	Pass	PK	5.2368G	110.77	Inf	-Inf	7.04	3	Vertical	0	1.01	-
5220MHz	Pass	AV	10.43832G	42.35	54.00	-11.65	16.40	3	Horizontal	208	1.58	-
5220MHz	Pass	PK	10.43982G	56.56	74.00	-17.44	16.41	3	Horizontal	208	1.58	-
5220MHz	Pass	AV	10.43982G	42.38	54.00	-11.62	16.41	3	Vertical	253	2.48	-
5220MHz	Pass	PK	10.43238G	55.73	74.00	-18.27	16.39	3	Vertical	253	2.48	-
5760MHz	Pass	AV	5.7468G	106.45	Inf	-Inf	7.63	3	Horizontal	3	1.02	-
5760MHz	Pass	PK	5.6484G	67.50	68.20	-0.70	7.45	3	Horizontal	3	1.02	-
5760MHz	Pass	PK	5.7492G	116.18	Inf	-Inf	7.64	3	Horizontal	3	1.02	-
5760MHz	Pass	PK	5.934G	62.98	68.20	-5.22	7.98	3	Horizontal	3	1.02	-
5760MHz	Pass	AV	5.7528G	107.16	Inf	-Inf	7.65	3	Vertical	0	1.01	-
5760MHz	Pass	PK	5.6508G	68.27	68.79	-0.53	7.45	3	Vertical	0	1.01	-
5760MHz	Pass	PK	5.7468G	116.74	Inf	-Inf	7.63	3	Vertical	0	1.01	-
5760MHz	Pass	PK	5.9484G	61.98	68.20	-6.22	8.01	3	Vertical	0	1.01	-
5760MHz	Pass	AV	11.5065G	42.09	54.00	-11.91	16.80	3	Horizontal	178	2.17	-
5760MHz	Pass	PK	11.50854G	55.60	74.00	-18.40	16.79	3	Horizontal	178	2.17	-
5760MHz	Pass	AV	11.50728G	41.99	54.00	-12.01	16.80	3	Vertical	170	1.71	-
5760MHz	Pass	PK	11.52618G	56.05	74.00	-17.95	16.77	3	Vertical	170	1.71	-
5790MHz	Pass	AV	5.7948G	105.71	Inf	-Inf	3.51	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.6496G	62.70	68.20	-5.50	3.39	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.7924G	113.52	Inf	-Inf	3.50	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.9364G	61.69	68.20	-6.51	3.63	3	Horizontal	358	1.01	-
5790MHz	Pass	AV	5.7708G	108.22	Inf	-Inf	3.49	3	Vertical	353	1.01	-
5790MHz	Pass	PK	5.6424G	65.77	68.20	-2.43	3.39	3	Vertical	353	1.01	-
5790MHz	Pass	PK	5.8056G	116.19	Inf	-Inf	3.52	3	Vertical	353	1.01	-
5790MHz	Pass	PK	5.934G	63.82	68.20	-4.38	3.63	3	Vertical	353	1.01	-
5790MHz	Pass	AV	11.5784G	46.68	54.00	-7.32	13.48	3	Horizontal	180	1.12	-
5790MHz	Pass	PK	11.5782G	57.58	74.00	-16.42	13.48	3	Horizontal	180	1.12	-
5790MHz	Pass	AV	11.5814G	44.66	54.00	-9.34	13.47	3	Vertical	77	1.50	-
5790MHz	Pass	PK	11.5622G	55.80	74.00	-18.20	13.50	3	Vertical	77	1.50	-



RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5815MHz	Pass	AV	5.8186G	106.03	Inf	-Inf	7.77	3	Horizontal	4	1.08	-
5815MHz	Pass	PK	5.5906G	64.48	68.20	-3.72	7.34	3	Horizontal	4	1.08	-
5815MHz	Pass	PK	5.8222G	116.01	Inf	-Inf	7.78	3	Horizontal	4	1.08	-
5815MHz	Pass	PK	5.929G	66.82	68.20	-1.38	7.97	3	Horizontal	4	1.08	-
5815MHz	Pass	AV	5.7958G	108.96	Inf	-Inf	7.73	3	Vertical	0	1.08	-
5815MHz	Pass	PK	5.6398G	68.06	68.20	-0.14	7.43	3	Vertical	0	1.08	-
5815MHz	Pass	PK	5.803G	118.86	Inf	-Inf	7.74	3	Vertical	0	1.08	-
5815MHz	Pass	PK	5.941G	68.09	68.20	-0.11	7.99	3	Vertical	0	1.08	-
5815MHz	Pass	AV	11.636G	41.22	54.00	-12.78	16.64	3	Horizontal	210	1.76	-
5815MHz	Pass	PK	11.62454G	55.60	74.00	-18.40	16.65	3	Horizontal	210	1.76	-
5815MHz	Pass	AV	11.64116G	41.33	54.00	-12.67	16.63	3	Vertical	10	1.72	-
5815MHz	Pass	PK	11.64032G	54.50	74.00	-19.50	16.63	3	Vertical	10	1.72	-
802.11ac VHT80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	53.67	54.00	-0.33	7.00	3	Horizontal	0	1.00	-
5190MHz	Pass	AV	5.216G	76.07	Inf	-Inf	7.03	3	Horizontal	0	1.00	-
5190MHz	Pass	AV	5.395G	46.71	54.00	-7.29	7.13	3	Horizontal	0	1.00	-
5190MHz	Pass	PK	5.149995G	69.53	74.00	-4.47	7.00	3	Horizontal	0	1.00	-
5190MHz	Pass	PK	5.199G	86.20	Inf	-Inf	7.03	3	Horizontal	0	1.00	-
5190MHz	Pass	PK	5.393G	58.99	74.00	-15.01	7.13	3	Horizontal	0	1.00	-
5190MHz	Pass	AV	5.149995G	52.08	54.00	-1.92	7.00	3	Vertical	0	1.08	-
5190MHz	Pass	AV	5.218G	72.77	Inf	-Inf	7.03	3	Vertical	0	1.08	-
5190MHz	Pass	AV	5.395G	46.85	54.00	-7.15	7.13	3	Vertical	0	1.08	-
5190MHz	Pass	PK	5.149995G	66.18	74.00	-7.82	7.00	3	Vertical	0	1.08	-
5190MHz	Pass	PK	5.178G	83.34	Inf	-Inf	7.01	3	Vertical	0	1.08	-
5190MHz	Pass	PK	5.394G	58.36	74.00	-15.64	7.13	3	Vertical	0	1.08	-
5190MHz	Pass	AV	10.39206G	42.41	54.00	-11.59	16.33	3	Horizontal	132	2.42	-
5190MHz	Pass	PK	10.38432G	56.46	74.00	-17.54	16.31	3	Horizontal	132	2.42	-
5190MHz	Pass	AV	10.39206G	42.34	54.00	-11.66	16.33	3	Vertical	110	1.59	-
5190MHz	Pass	PK	10.38366G	55.61	74.00	-18.39	16.31	3	Vertical	110	1.59	-
5200MHz	Pass	AV	5.149995G	53.88	54.00	-0.12	7.00	3	Horizontal	1	1.05	-
5200MHz	Pass	AV	5.2356G	81.33	Inf	-Inf	7.04	3	Horizontal	1	1.05	-
5200MHz	Pass	PK	5.149995G	69.98	74.00	-4.02	7.00	3	Horizontal	1	1.05	-
5200MHz	Pass	PK	5.218G	97.50	Inf	-Inf	7.03	3	Horizontal	1	1.05	-
5200MHz	Pass	AV	5.149995G	52.80	54.00	-1.20	7.00	3	Vertical	0	1.05	-
5200MHz	Pass	AV	5.2288G	79.33	Inf	-Inf	7.04	3	Vertical	0	1.05	-
5200MHz	Pass	PK	5.149995G	69.08	74.00	-4.92	7.00	3	Vertical	0	1.05	-
5200MHz	Pass	PK	5.2292G	94.52	Inf	-Inf	7.04	3	Vertical	0	1.05	-
5200MHz	Pass	AV	10.39484G	42.45	54.00	-11.55	16.33	3	Horizontal	157	2.40	-
5200MHz	Pass	PK	10.40162G	56.47	74.00	-17.53	16.34	3	Horizontal	157	2.40	-
5200MHz	Pass	AV	10.39952G	42.42	54.00	-11.58	16.34	3	Vertical	23	1.26	-
5200MHz	Pass	PK	10.41152G	56.10	74.00	-17.90	16.36	3	Vertical	23	1.26	-
5210MHz	Pass	AV	5.149995G	53.27	54.00	-0.73	7.00	3	Horizontal	0	1.04	-
5210MHz	Pass	AV	5.239G	89.80	Inf	-Inf	7.04	3	Horizontal	0	1.04	-
5210MHz	Pass	AV	5.421G	47.36	54.00	-6.64	7.14	3	Horizontal	0	1.04	-
5210MHz	Pass	PK	5.149995G	65.76	74.00	-8.24	7.00	3	Horizontal	0	1.04	-
5210MHz	Pass	PK	5.198G	99.34	Inf	-Inf	7.02	3	Horizontal	0	1.04	-
5210MHz	Pass	PK	5.372G	58.63	74.00	-15.37	7.12	3	Horizontal	0	1.04	-
5210MHz	Pass	AV	5.149995G	53.88	54.00	-0.12	7.00	3	Vertical	0	1.03	-
5210MHz	Pass	AV	5.24G	90.13	Inf	-Inf	7.05	3	Vertical	0	1.03	-



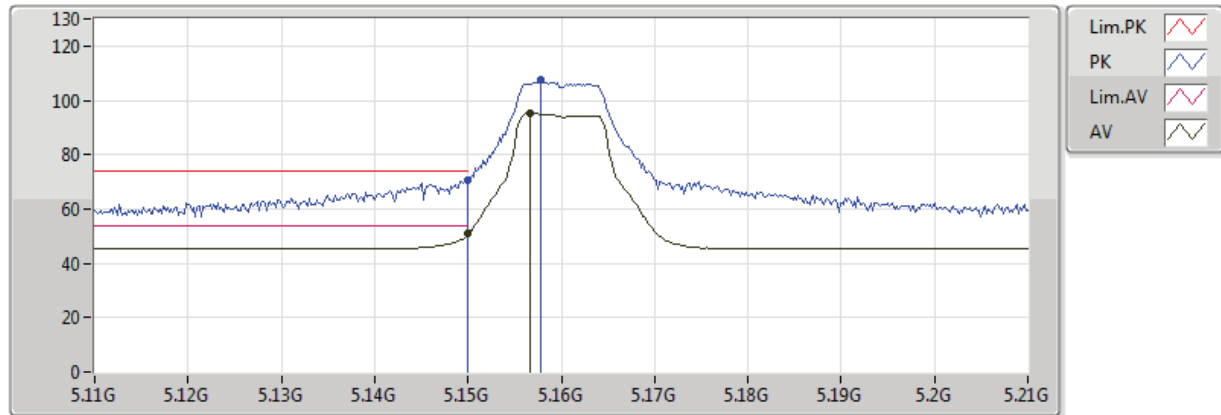
RSE TX above 1GHz Result

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	5.432G	47.25	54.00	-6.75	7.15	3	Vertical	0	1.03	-
5210MHz	Pass	PK	5.149995G	66.24	74.00	-7.76	7.00	3	Vertical	0	1.03	-
5210MHz	Pass	PK	5.235G	99.90	Inf	-Inf	7.04	3	Vertical	0	1.03	-
5210MHz	Pass	PK	5.412G	59.32	74.00	-14.68	7.14	3	Vertical	0	1.03	-
5210MHz	Pass	AV	10.40872G	42.43	54.00	-11.57	16.35	3	Horizontal	1	1.57	-
5210MHz	Pass	PK	10.41634G	55.94	74.00	-18.06	16.37	3	Horizontal	1	1.57	-
5210MHz	Pass	AV	10.42486G	42.45	54.00	-11.55	16.38	3	Vertical	309	1.41	-
5210MHz	Pass	PK	10.42894G	56.60	74.00	-17.40	16.39	3	Vertical	309	1.41	-
5770MHz	Pass	AV	5.7508G	100.60	Inf	-Inf	7.64	3	Horizontal	0	1.01	-
5770MHz	Pass	PK	5.6452G	64.04	68.20	-4.16	7.44	3	Horizontal	0	1.01	-
5770MHz	Pass	PK	5.7592G	112.18	Inf	-Inf	7.66	3	Horizontal	0	1.01	-
5770MHz	Pass	PK	5.9308G	61.05	68.20	-7.15	7.97	3	Horizontal	0	1.01	-
5770MHz	Pass	AV	5.7556G	105.08	Inf	-Inf	7.65	3	Vertical	0	1.02	-
5770MHz	Pass	PK	5.65G	67.58	68.20	-0.62	7.45	3	Vertical	0	1.02	-
5770MHz	Pass	PK	5.758G	117.03	Inf	-Inf	7.66	3	Vertical	0	1.02	-
5770MHz	Pass	PK	5.9332G	63.52	68.20	-4.68	7.98	3	Vertical	0	1.02	-
5770MHz	Pass	AV	11.52614G	41.72	54.00	-12.28	16.77	3	Horizontal	338	1.33	-
5770MHz	Pass	PK	11.52608G	54.35	74.00	-19.65	16.77	3	Horizontal	338	1.33	-
5770MHz	Pass	AV	11.52518G	41.74	54.00	-12.26	16.77	3	Vertical	288	1.50	-
5770MHz	Pass	PK	11.53676G	55.27	74.00	-18.73	16.76	3	Vertical	288	1.50	-
5790MHz	Pass	AV	5.7756G	103.31	Inf	-Inf	3.49	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.6484G	60.75	68.20	-7.45	3.39	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.7768G	110.90	Inf	-Inf	3.49	3	Horizontal	358	1.01	-
5790MHz	Pass	PK	5.9256G	62.28	68.20	-5.92	3.62	3	Horizontal	358	1.01	-
5790MHz	Pass	AV	5.7792G	107.41	Inf	-Inf	3.50	3	Vertical	354	1.00	-
5790MHz	Pass	PK	5.6508G	65.76	68.79	-3.04	3.40	3	Vertical	354	1.00	-
5790MHz	Pass	PK	5.778G	115.30	Inf	-Inf	3.49	3	Vertical	354	1.00	-
5790MHz	Pass	PK	5.9268G	62.93	68.20	-5.27	3.62	3	Vertical	354	1.00	-
5790MHz	Pass	AV	11.5988G	45.04	54.00	-8.96	13.44	3	Horizontal	192	1.00	-
5790MHz	Pass	PK	11.5966G	56.20	74.00	-17.80	13.45	3	Horizontal	192	1.00	-
5790MHz	Pass	AV	11.6202G	44.13	54.00	-9.87	13.41	3	Vertical	264	1.50	-
5790MHz	Pass	PK	11.5952G	55.17	74.00	-18.83	13.45	3	Vertical	264	1.50	-
5805MHz	Pass	AV	5.7774G	102.18	Inf	-Inf	7.69	3	Horizontal	0	1.04	-
5805MHz	Pass	PK	5.649G	62.15	68.20	-6.05	7.45	3	Horizontal	0	1.04	-
5805MHz	Pass	PK	5.793G	114.47	Inf	-Inf	7.72	3	Horizontal	0	1.04	-
5805MHz	Pass	PK	5.9262G	66.50	68.20	-1.70	7.97	3	Horizontal	0	1.04	-
5805MHz	Pass	AV	5.7834G	106.49	Inf	-Inf	7.70	3	Vertical	0	1.02	-
5805MHz	Pass	PK	5.6502G	67.54	68.35	-0.81	7.45	3	Vertical	0	1.02	-
5805MHz	Pass	PK	5.793G	118.32	Inf	-Inf	7.72	3	Vertical	0	1.02	-
5805MHz	Pass	PK	5.9262G	67.45	68.20	-0.75	7.97	3	Vertical	0	1.02	-
5805MHz	Pass	AV	11.59566G	41.20	54.00	-12.80	16.69	3	Horizontal	225	1.16	-
5805MHz	Pass	PK	11.61846G	54.70	74.00	-19.30	16.66	3	Horizontal	225	1.16	-
5805MHz	Pass	AV	11.5959G	41.16	54.00	-12.84	16.69	3	Vertical	235	1.57	-
5805MHz	Pass	PK	11.59812G	55.31	74.00	-18.69	16.68	3	Vertical	235	1.57	-

802.11ac VHT10_Nss1,(MCS0)_2TX

5160MHz_TX

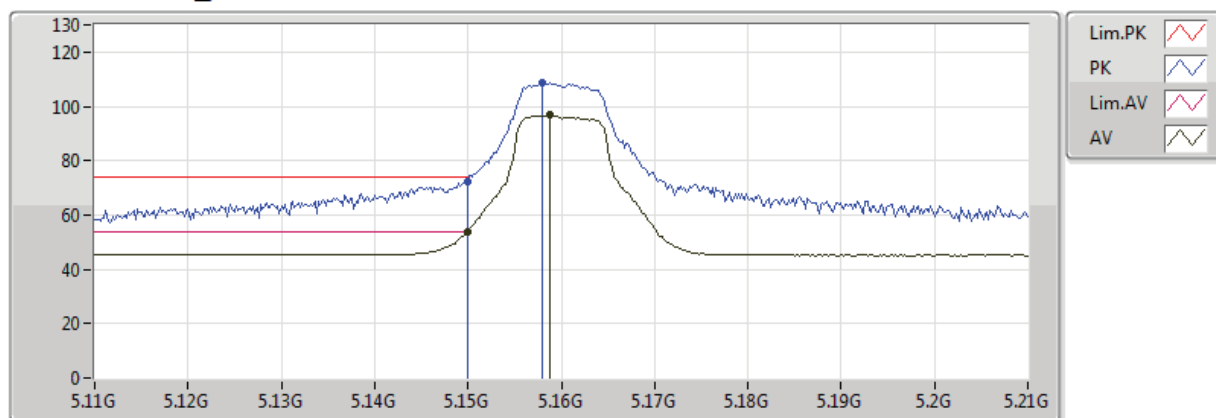


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	50.89	54.00	-3.11	7.00	3	Vertical	359	1.18	-				
AV	5.1566G	95.18	Inf	-Inf	7.00	3	Vertical	359	1.18	-				
PK	5.149995G	70.58	74.00	-3.42	7.00	3	Vertical	359	1.18	-				
PK	5.1578G	107.42	Inf	-Inf	7.00	3	Vertical	359	1.18	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5160MHz_TX

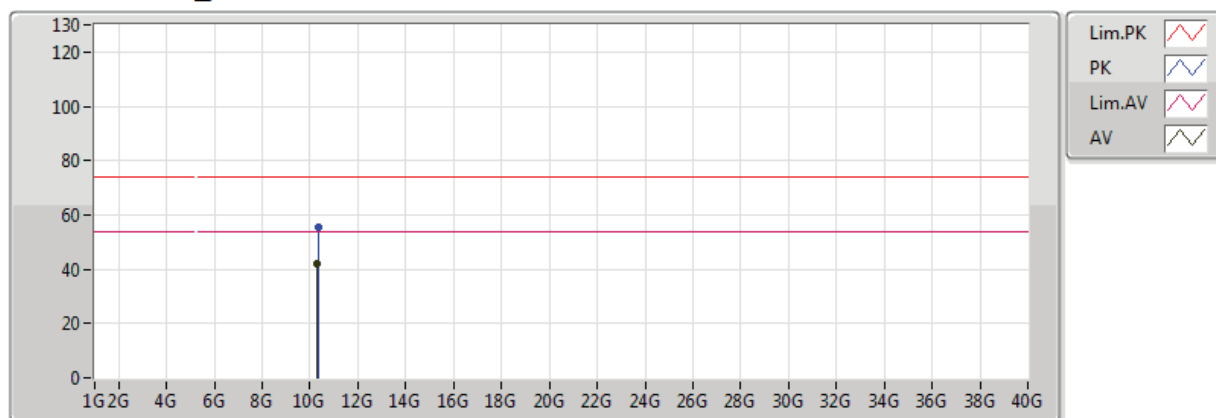


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.68	54.00	-0.32	7.00	3	Horizontal	0	1.14	-				
AV	5.1588G	96.78	Inf	-Inf	7.00	3	Horizontal	0	1.14	-				
PK	5.149995G	72.01	74.00	-1.99	7.00	3	Horizontal	0	1.14	-				
PK	5.158G	108.87	Inf	-Inf	7.00	3	Horizontal	0	1.14	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5160MHz_TX

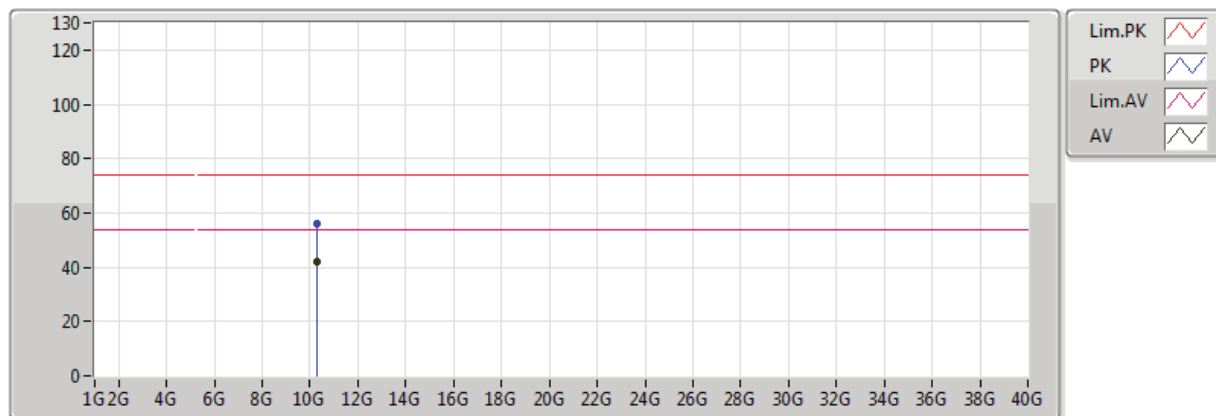


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.31844G	41.96	54.00	-12.04	16.21	3	Horizontal	126	1.28	-				
PK	10.32096G	55.71	74.00	-18.29	16.21	3	Horizontal	126	1.28	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5160MHz_TX

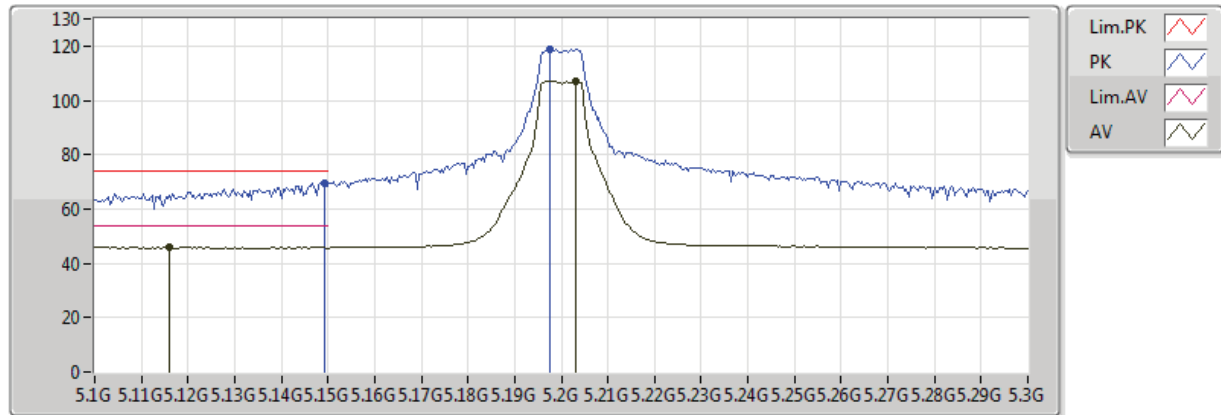


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.3155G	41.94	54.00	-12.06	16.20	3	Horizontal	347	1.83	-				
PK	10.31526G	55.96	74.00	-18.04	16.20	3	Horizontal	347	1.83	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5200MHz_TX

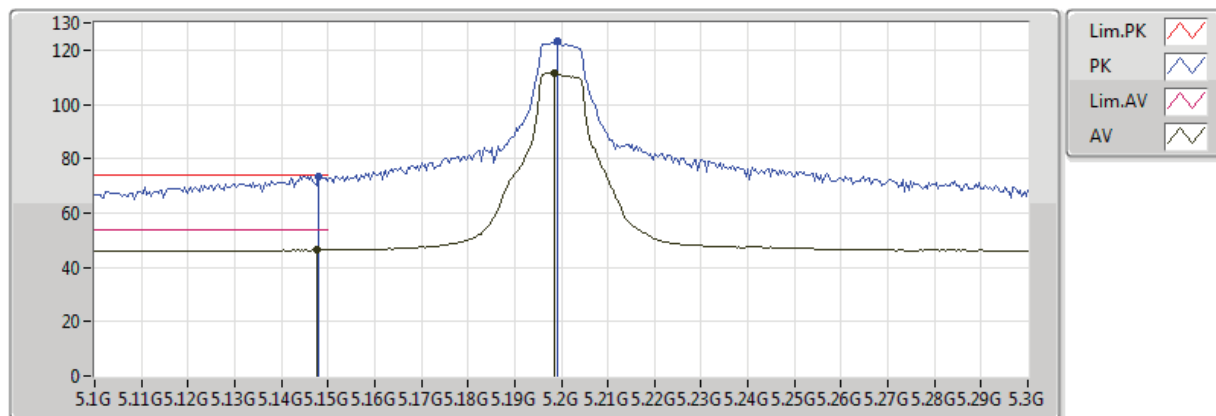


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.116G	45.91	54.00	-8.09	6.98	3	Vertical	359	1.00	-				
AV	5.2032G	107.15	Inf	-Inf	7.03	3	Vertical	359	1.00	-				
PK	5.1492G	69.58	74.00	-4.42	7.00	3	Vertical	359	1.00	-				
PK	5.1976G	118.78	Inf	-Inf	7.02	3	Vertical	359	1.00	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5200MHz_TX

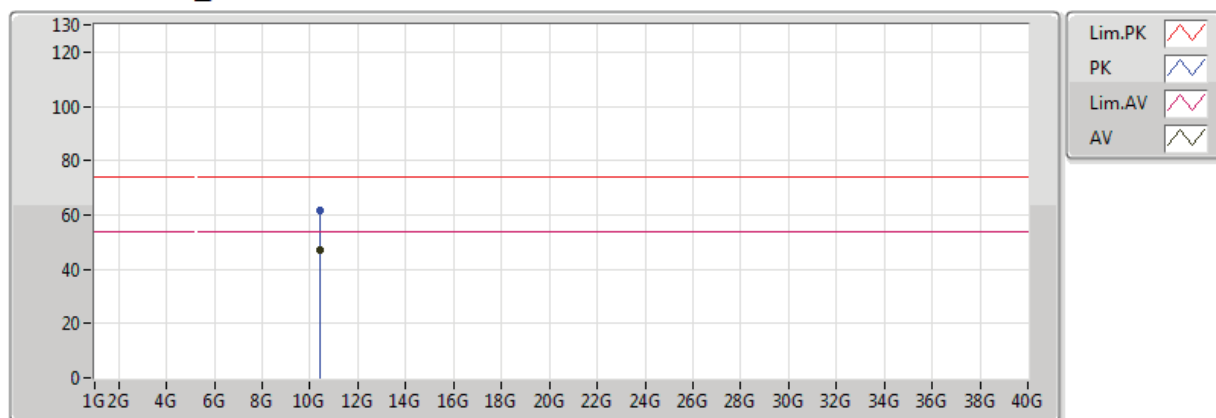


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1476G	46.47	54.00	-7.53	7.00	3	Horizontal	359	1.04	-				
AV	5.1984G	111.72	Inf	-Inf	7.03	3	Horizontal	359	1.04	-				
PK	5.148G	73.45	74.00	-0.55	7.00	3	Horizontal	359	1.04	-				
PK	5.1992G	123.54	Inf	-Inf	7.03	3	Horizontal	359	1.04	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5200MHz_TX

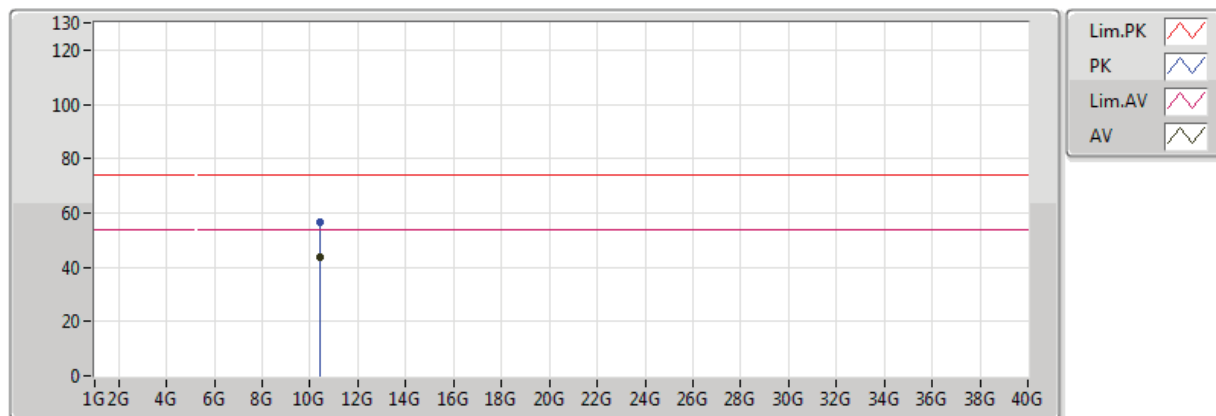


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40264G	47.18	54.00	-6.82	16.34	3	Vertical	180	1.00	-				
PK	10.4024G	61.52	74.00	-12.48	16.34	3	Vertical	180	1.00	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5200MHz_TX

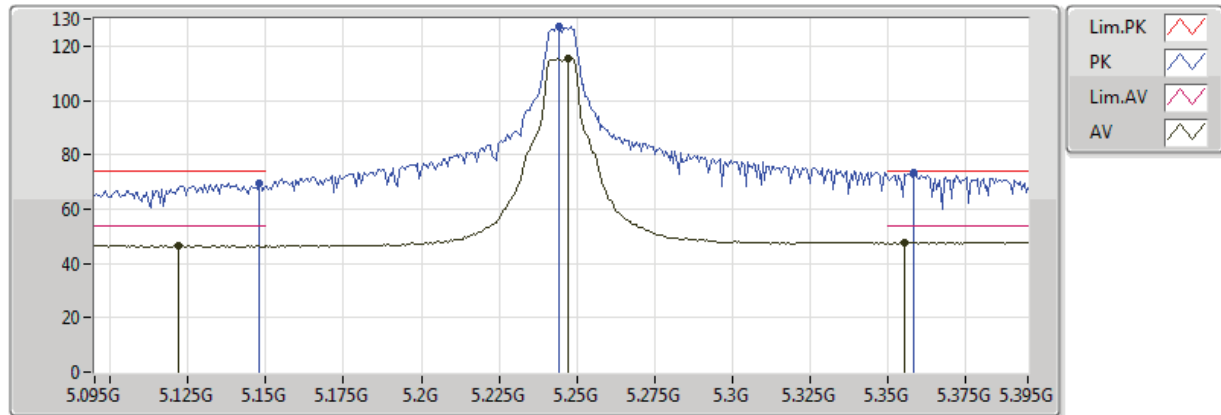


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.40258G	43.64	54.00	-10.36	16.34	3	Horizontal	225	1.01	-				
PK	10.40384G	56.76	74.00	-17.24	16.35	3	Horizontal	225	1.01	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5245MHz_TX

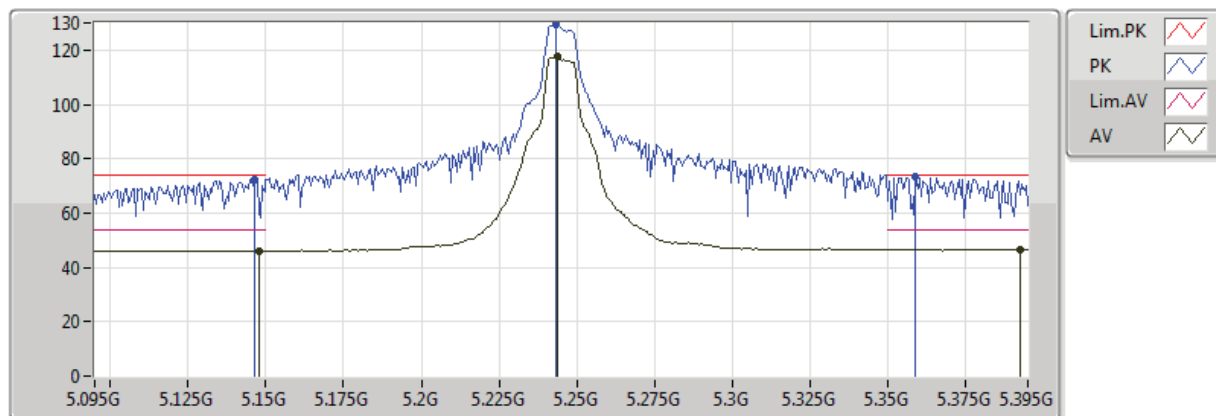


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.122G	46.45	54.00	-7.55	6.98	3	Vertical	0	1.04	-				
AV	5.2474G	115.55	Inf	-Inf	7.05	3	Vertical	0	1.04	-				
AV	5.3554G	47.86	54.00	-6.14	7.11	3	Vertical	0	1.04	-				
PK	5.1478G	69.49	74.00	-4.51	7.00	3	Vertical	0	1.04	-				
PK	5.2444G	127.12	Inf	-Inf	7.05	3	Vertical	0	1.04	-				
PK	5.3584G	73.15	74.00	-0.85	7.11	3	Vertical	0	1.04	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5245MHz_TX

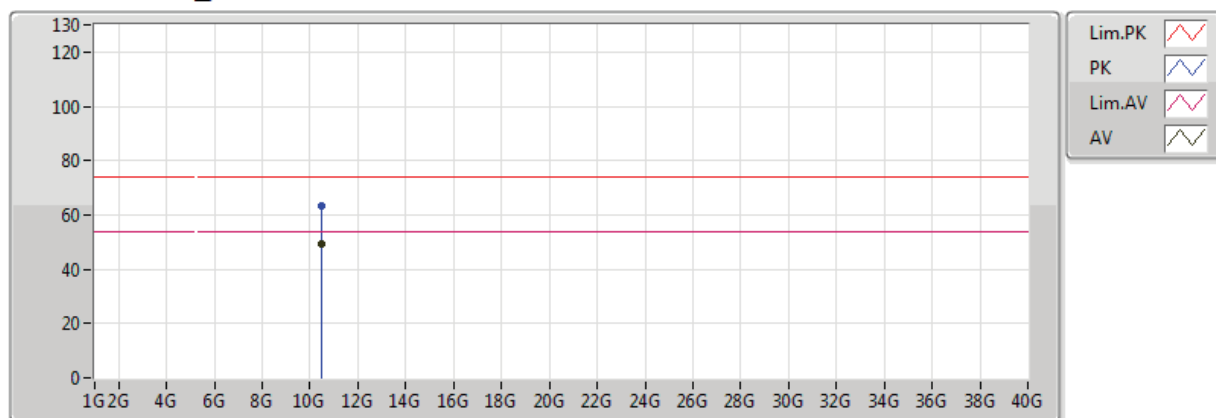


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1478G	46.15	54.00	-7.85	7.00	3	Horizontal	1	1.03	-				
AV	5.2438G	117.43	Inf	-Inf	7.05	3	Horizontal	1	1.03	-				
AV	5.3926G	46.68	54.00	-7.32	7.13	3	Horizontal	1	1.03	-				
PK	5.1466G	72.48	74.00	-1.52	7.00	3	Horizontal	1	1.03	-				
PK	5.2432G	129.50	Inf	-Inf	7.05	3	Horizontal	1	1.03	-				
PK	5.359G	73.36	74.00	-0.64	7.11	3	Horizontal	1	1.03	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5245MHz_TX

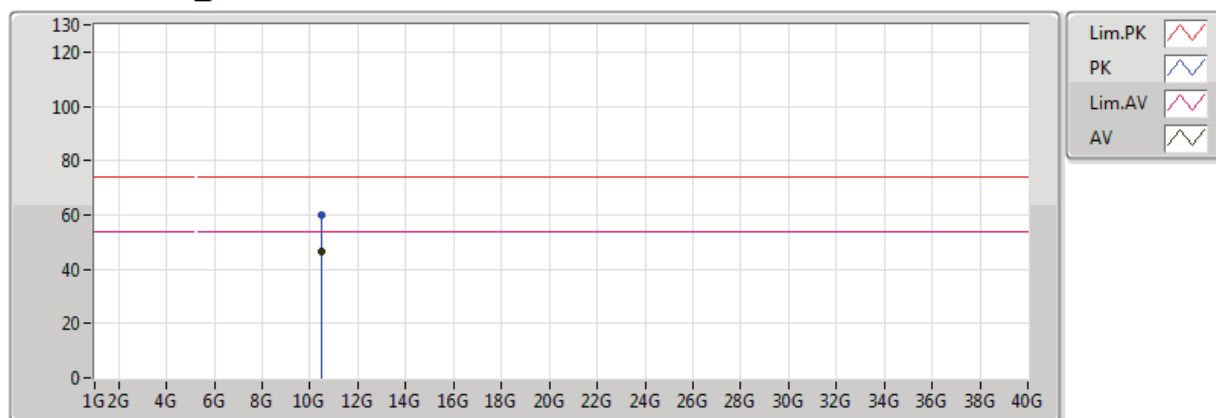


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.49162G	49.37	54.00	-4.63	13.13	3	Vertical	184	1.02	-				
PK	10.49222G	63.34	74.00	-10.66	13.13	3	Vertical	184	1.02	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5245MHz_TX

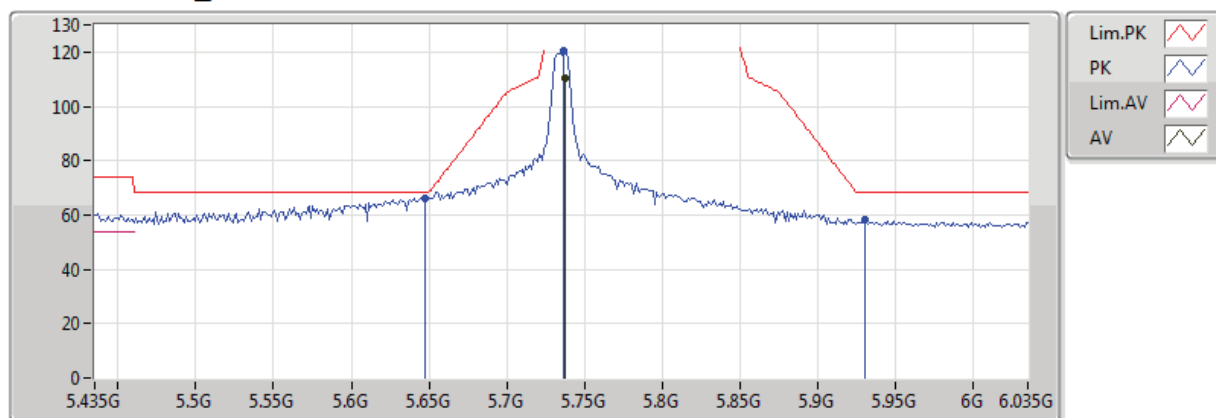


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.4915G	46.47	54.00	-7.53	13.13	3	Horizontal	188	1.00	-				
PK	10.49096G	59.85	74.00	-14.15	13.13	3	Horizontal	188	1.00	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5735MHz_TX

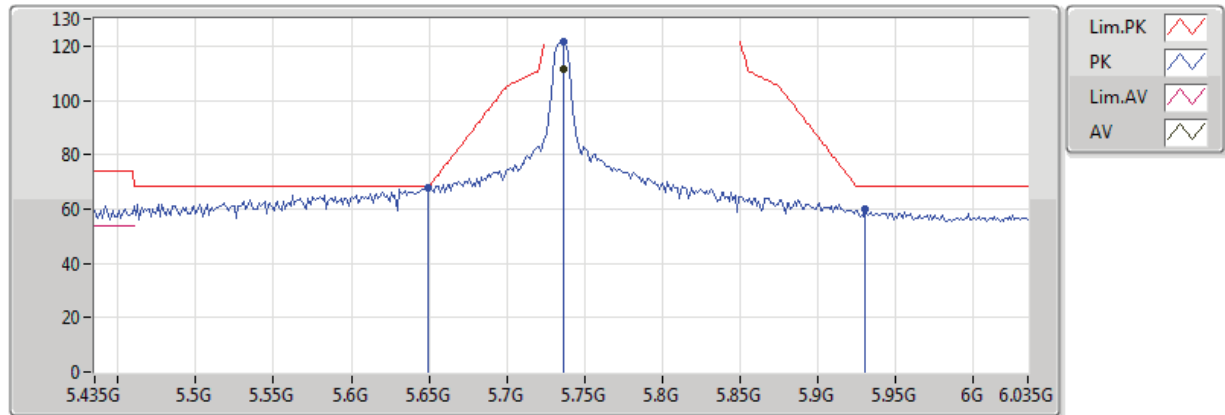


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7374G	110.52	Inf	-Inf	3.47	3	Vertical	353	1.01	-				
PK	5.6474G	66.39	68.20	-1.81	3.39	3	Vertical	353	1.01	-				
PK	5.9306G	58.16	68.20	-10.04	3.62	3	Vertical	353	1.01	-				
PK	5.7362G	120.32	Inf	-Inf	3.47	3	Vertical	353	1.01	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5735MHz_TX

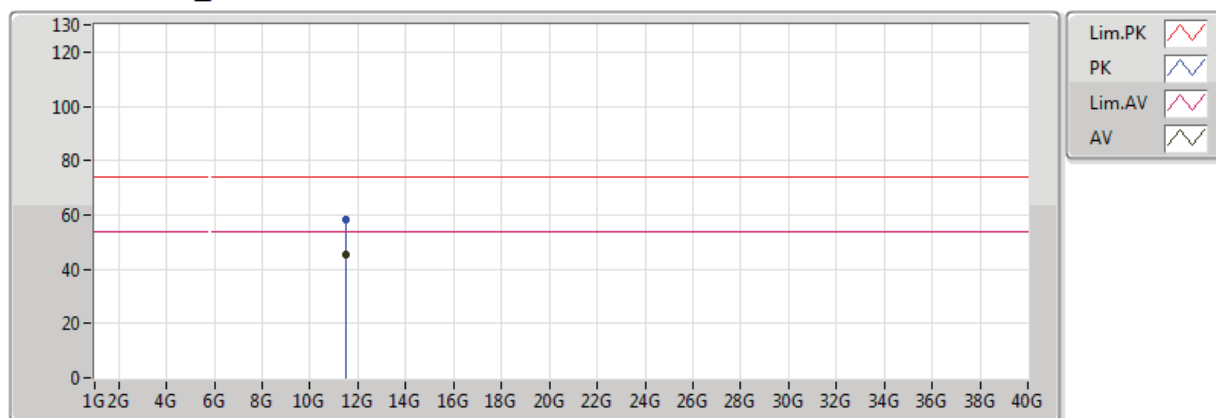


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7362G	111.54	Inf	-Inf	3.47	3	Horizontal	359	1.00	-				
PK	5.6498G	68.01	68.20	-0.19	3.39	3	Horizontal	359	1.00	-				
PK	5.9306G	59.97	68.20	-8.23	3.62	3	Horizontal	359	1.00	-				
PK	5.7362G	121.54	Inf	-Inf	3.47	3	Horizontal	359	1.00	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5735MHz_TX

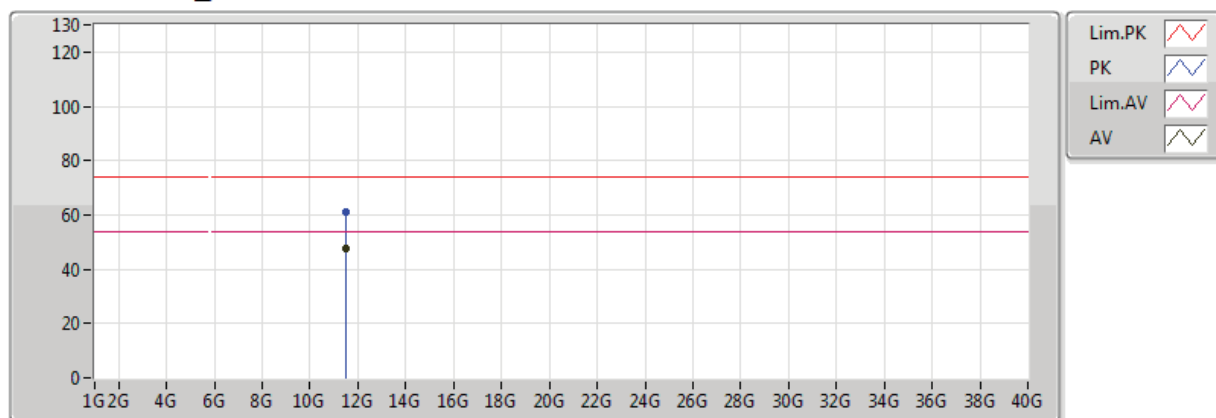


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.47042G	45.14	54.00	-8.86	16.84	3	Vertical	171	1.00	-				
PK	11.4718G	58.48	74.00	-15.52	16.84	3	Vertical	171	1.00	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5735MHz_TX

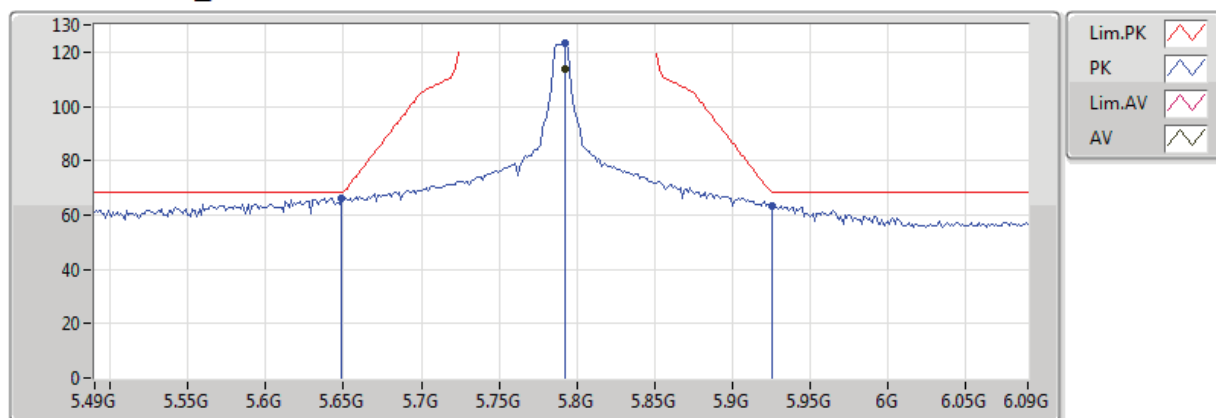


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.47018G	47.51	54.00	-6.49	16.84	3	Horizontal	190	1.02	-				
PK	11.46964G	61.04	74.00	-12.96	16.84	3	Horizontal	190	1.02	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5790MHz_TX

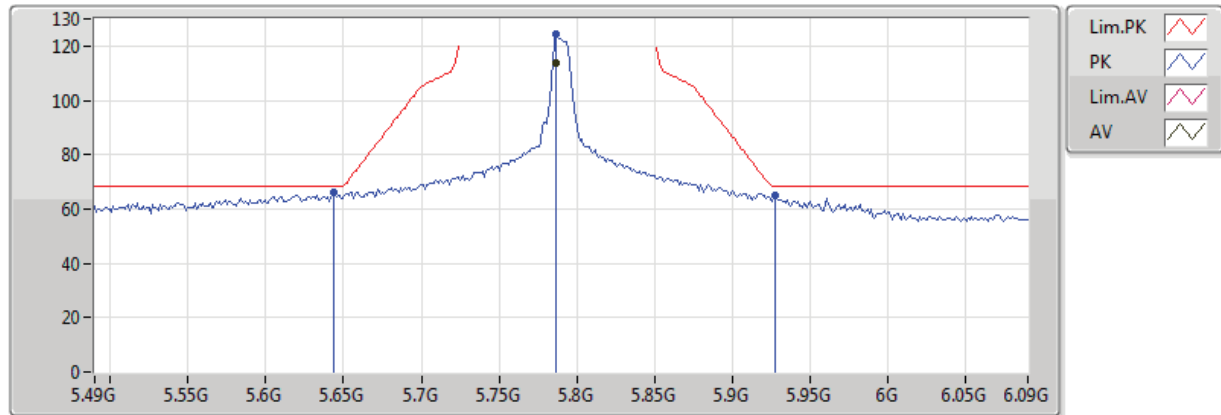


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7924G	114.02	Inf	-Inf	3.50	3	Vertical	355	2.52	-				
PK	5.6484G	66.30	68.20	-1.90	3.39	3	Vertical	355	2.52	-				
PK	5.7924G	123.47	Inf	-Inf	3.50	3	Vertical	355	2.52	-				
PK	5.9256G	63.28	68.20	-4.92	3.62	3	Vertical	355	2.52	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5790MHz_TX

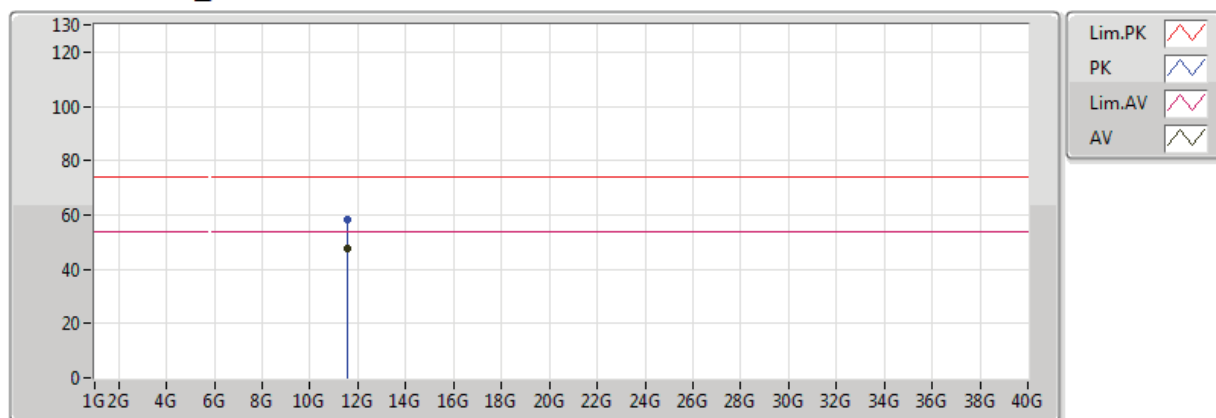


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7864G	113.72	Inf	-Inf	3.50	3	Horizontal	359	1.02	-				
PK	5.6436G	65.95	68.20	-2.25	3.39	3	Horizontal	359	1.02	-				
PK	5.7864G	124.16	Inf	-Inf	3.50	3	Horizontal	359	1.02	-				
PK	5.928G	65.00	68.20	-3.20	3.62	3	Horizontal	359	1.02	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5790MHz_TX

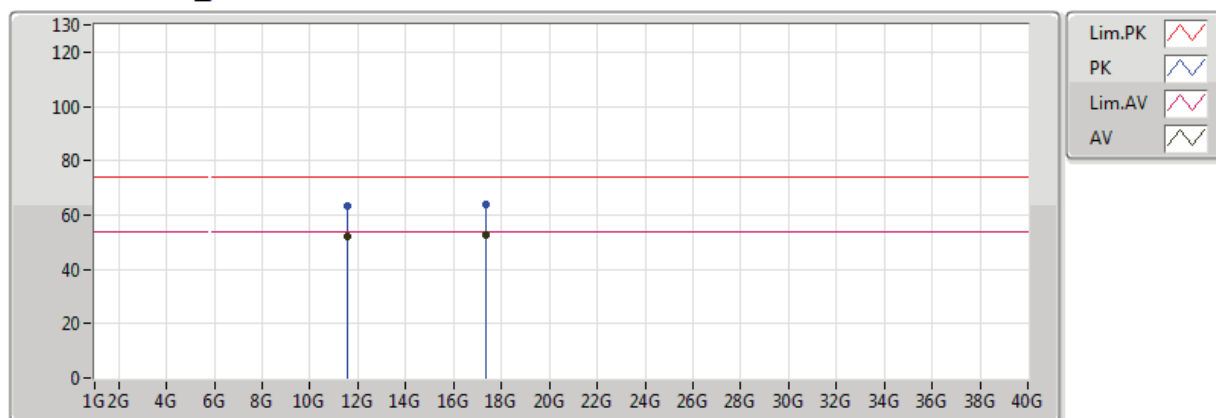


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.577G	47.58	54.00	-6.42	13.48	3	Vertical	181	1.87	-				
PK	11.5849G	58.23	74.00	-15.77	13.47	3	Vertical	181	1.87	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5790MHz_TX

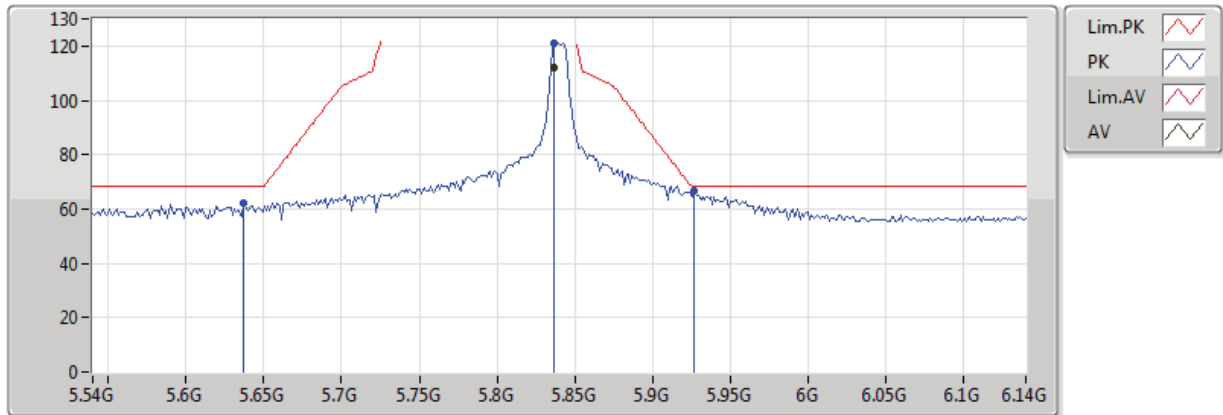


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5796G	52.24	54.00	-1.76	13.47	3	Horizontal	176	1.11	-				
PK	11.5793G	63.15	74.00	-10.85	13.48	3	Horizontal	176	1.11	-				
AV	17.3683G	52.49	54.00	-1.51	19.05	3	Horizontal	193	3.65	-				
PK	17.3777G	63.61	74.00	-10.39	19.12	3	Horizontal	193	3.65	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5840MHz_TX

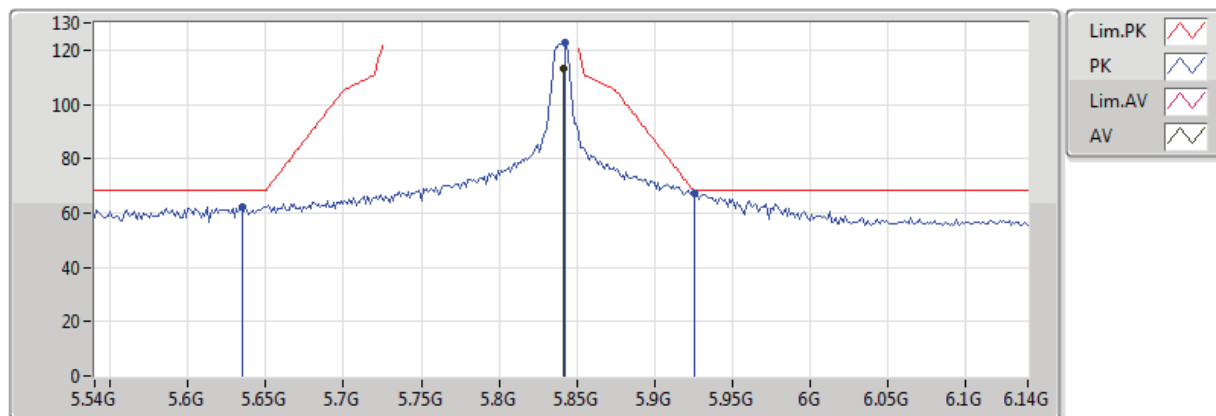


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8364G	112.07	Inf	-Inf	3.54	3	Vertical	357	1.19	-				
PK	5.6372G	62.02	68.20	-6.18	3.38	3	Vertical	357	1.19	-				
PK	5.8364G	121.31	Inf	-Inf	3.54	3	Vertical	357	1.19	-				
PK	5.9264G	66.52	68.20	-1.68	3.62	3	Vertical	357	1.19	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5840MHz_TX

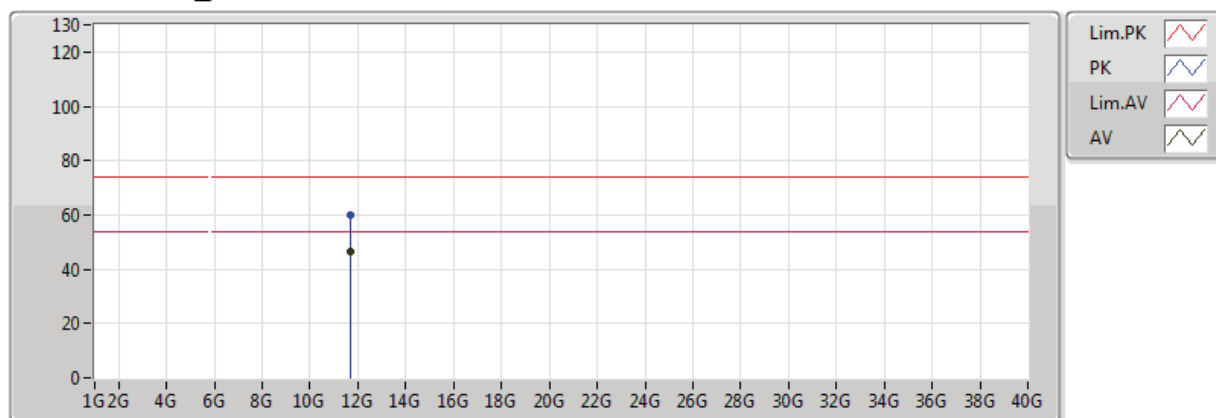


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8412G	113.03	Inf	-Inf	3.55	3	Horizontal	0	1.02	-				
PK	5.6348G	62.26	68.20	-5.94	3.38	3	Horizontal	0	1.02	-				
PK	5.8424G	122.64	Inf	-Inf	3.55	3	Horizontal	0	1.02	-				
PK	5.9252G	67.34	68.20	-0.86	3.62	3	Horizontal	0	1.02	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5840MHz_TX

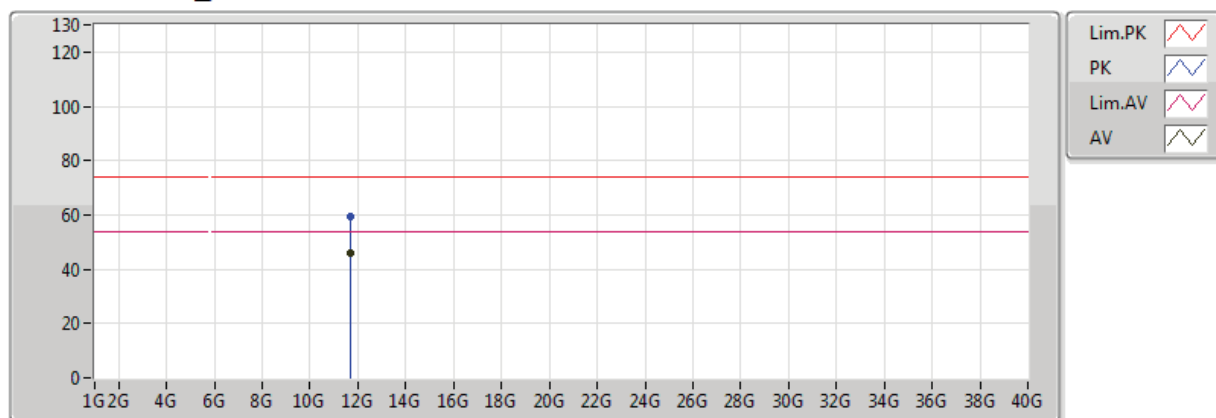


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6812G	46.49	54.00	-7.51	16.58	3	Vertical	167	1.20	-				
PK	11.68168G	59.89	74.00	-14.11	16.58	3	Vertical	167	1.20	-				

802.11ac VHT10_Nss1,(MCS0)_2TX

5840MHz_TX

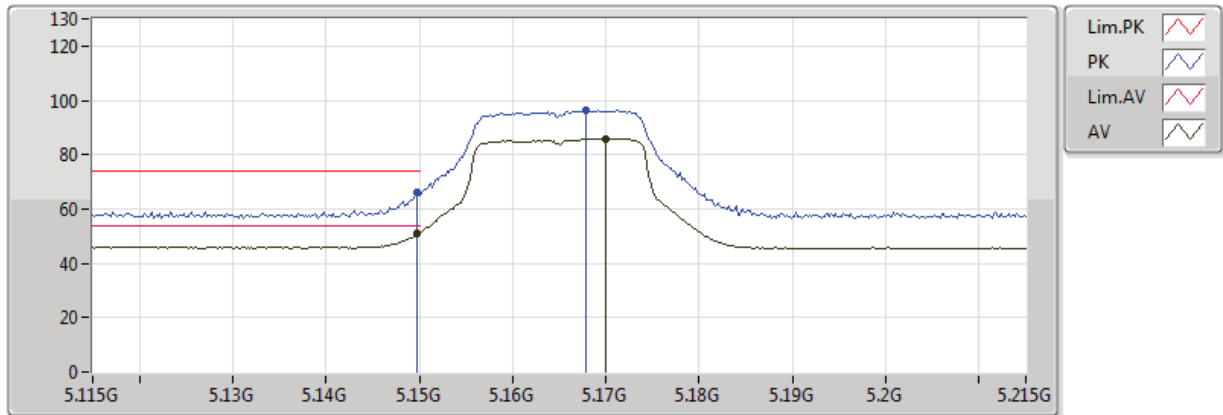


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.67892G	45.83	54.00	-8.17	16.58	3	Horizontal	167	1.50	-				
PK	11.67832G	59.40	74.00	-14.60	16.59	3	Horizontal	167	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5165MHz_TX

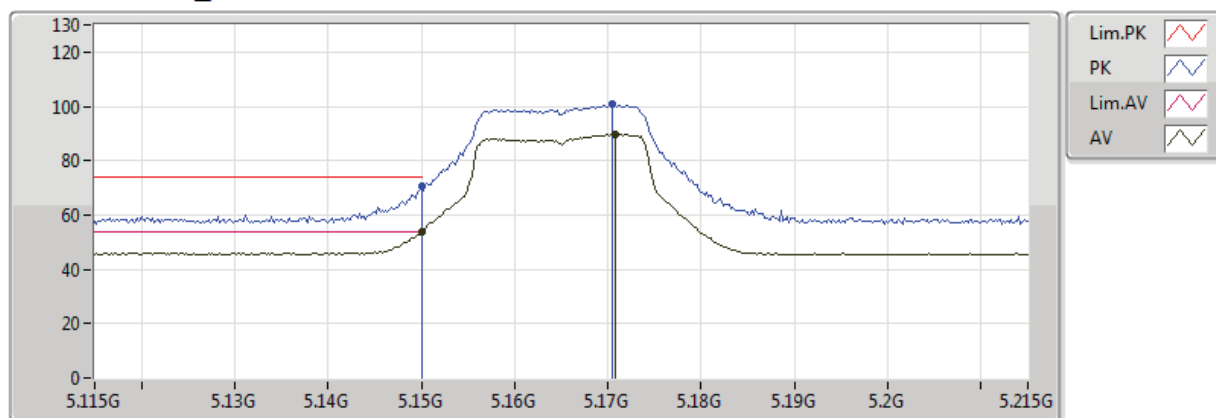


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1498G	51.19	54.00	-2.81	7.00	3	Vertical	360	1.08	-				
AV	5.17G	86.01	Inf	-Inf	7.01	3	Vertical	360	1.08	-				
PK	5.1498G	66.04	74.00	-7.96	7.00	3	Vertical	360	1.08	-				
PK	5.1678G	96.37	Inf	-Inf	7.01	3	Vertical	360	1.08	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5165MHz_TX

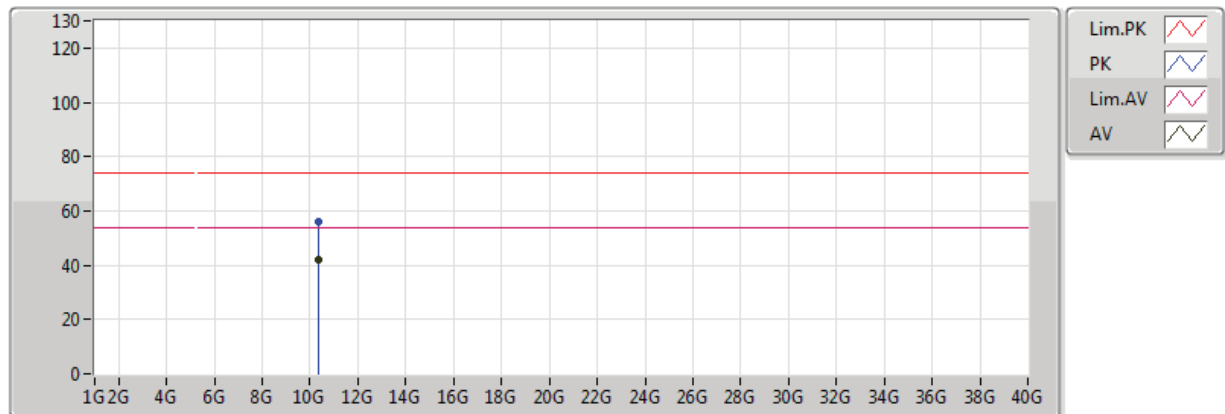


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	53.64	54.00	-0.36	7.00	3	Horizontal	1	1.12	-				
AV	5.1708G	89.64	Inf	-Inf	7.01	3	Horizontal	1	1.12	-				
PK	5.149995G	70.73	74.00	-3.27	7.00	3	Horizontal	1	1.12	-				
PK	5.1704G	100.61	Inf	-Inf	7.01	3	Horizontal	1	1.12	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5165MHz_TX

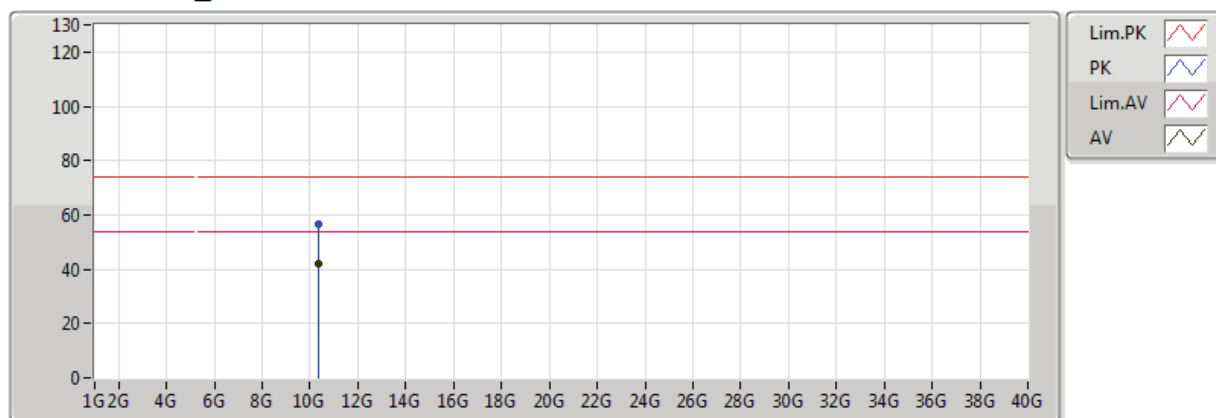


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.34086G	42.03	54.00	-11.97	16.24	3	Vertical	203	1.00	-				
PK	10.33174G	55.82	74.00	-18.18	16.23	3	Vertical	203	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5165MHz_TX

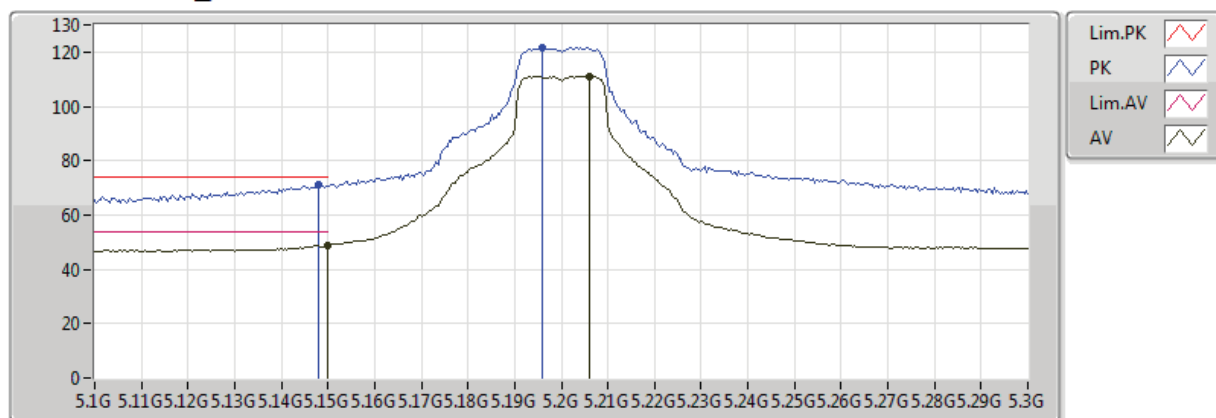


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.34122G	41.94	54.00	-12.06	16.24	3	Horizontal	122	1.50	-				
PK	10.33612G	56.37	74.00	-17.63	16.23	3	Horizontal	122	1.50	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

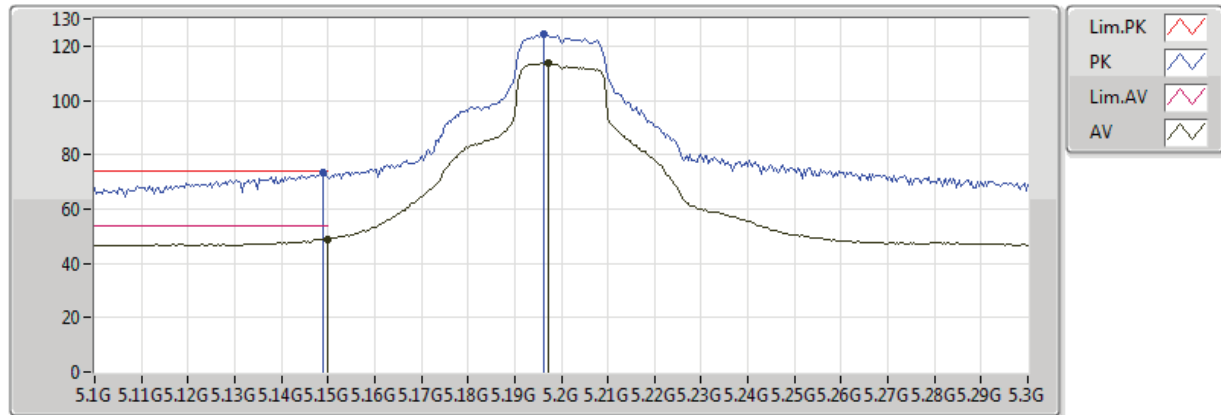


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	48.93	54.00	-5.07	7.00	3	Vertical	0	1.00	-				
AV	5.206G	111.14	Inf	-Inf	7.03	3	Vertical	0	1.00	-				
PK	5.148G	70.94	74.00	-3.06	7.00	3	Vertical	0	1.00	-				
PK	5.196G	121.61	Inf	-Inf	7.02	3	Vertical	0	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

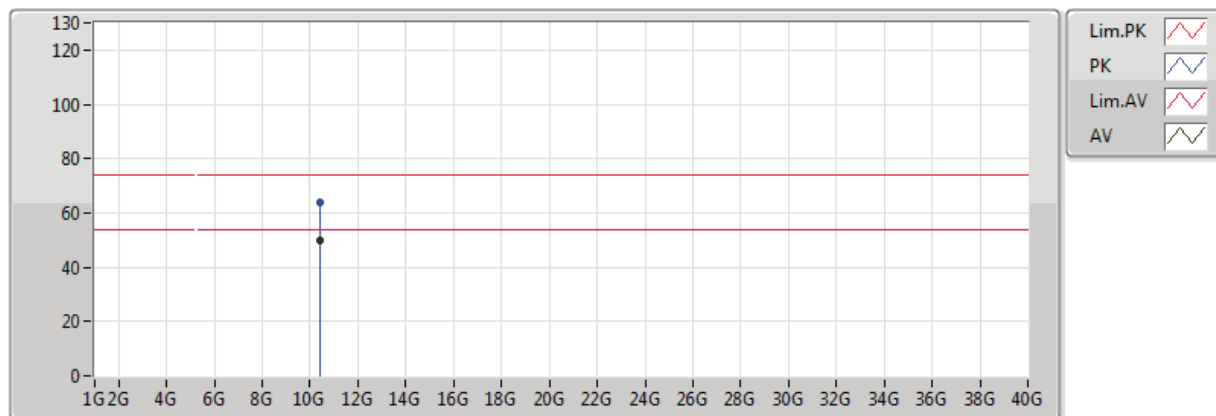


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	49.00	54.00	-5.00	7.00	3	Horizontal	0	1.06	-				
AV	5.1972G	113.68	Inf	-Inf	7.02	3	Horizontal	0	1.06	-				
PK	5.1488G	73.28	74.00	-0.72	7.00	3	Horizontal	0	1.06	-				
PK	5.1964G	124.14	Inf	-Inf	7.02	3	Horizontal	0	1.06	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

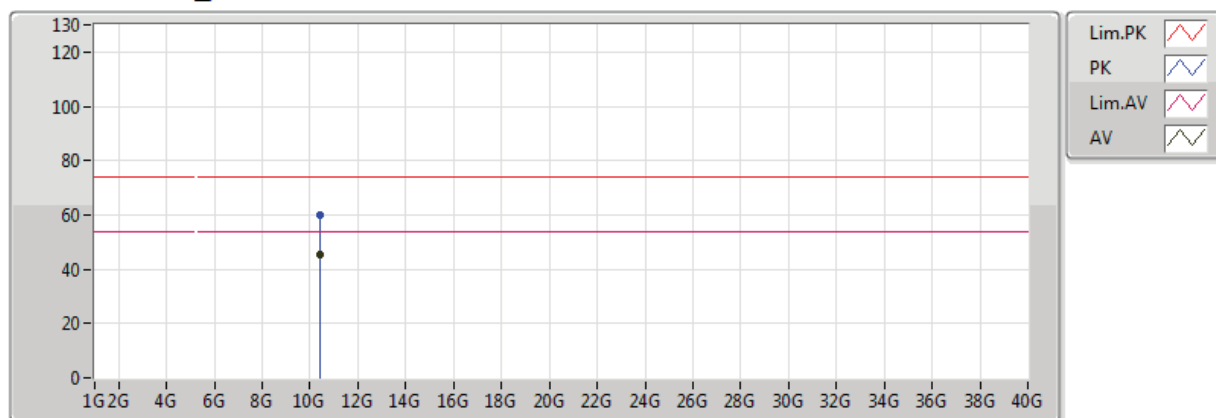


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40366G	49.72	54.00	-4.28	16.35	3	Vertical	180	1.00	-				
PK	10.40444G	64.08	74.00	-9.92	16.35	3	Vertical	180	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

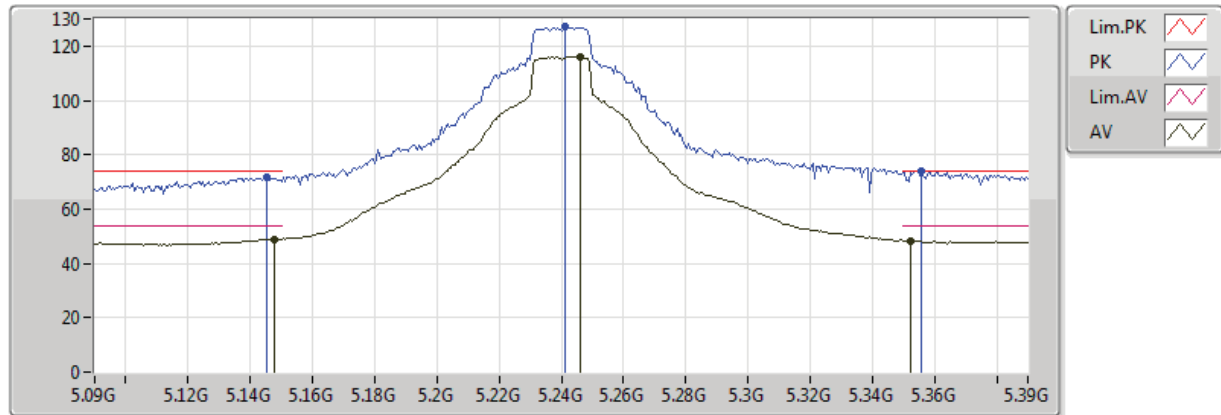


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40396G	45.58	54.00	-8.42	16.35	3	Vertical	180	1.03	-				
PK	10.40324G	60.00	74.00	-14.00	16.35	3	Vertical	180	1.03	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

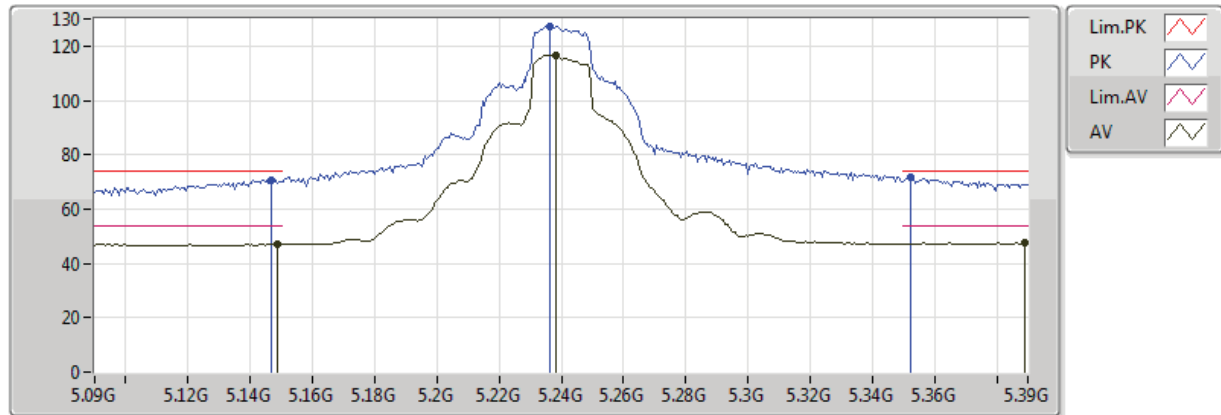


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1476G	48.99	54.00	-5.01	7.00	3	Vertical	0	1.03	-				
AV	5.246G	116.15	Inf	-Inf	7.05	3	Vertical	0	1.03	-				
AV	5.3522G	48.42	54.00	-5.58	7.10	3	Vertical	0	1.03	-				
PK	5.1452G	71.66	74.00	-2.34	6.99	3	Vertical	0	1.03	-				
PK	5.2412G	126.95	Inf	-Inf	7.05	3	Vertical	0	1.03	-				
PK	5.3558G	73.84	74.00	-0.16	7.11	3	Vertical	0	1.03	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

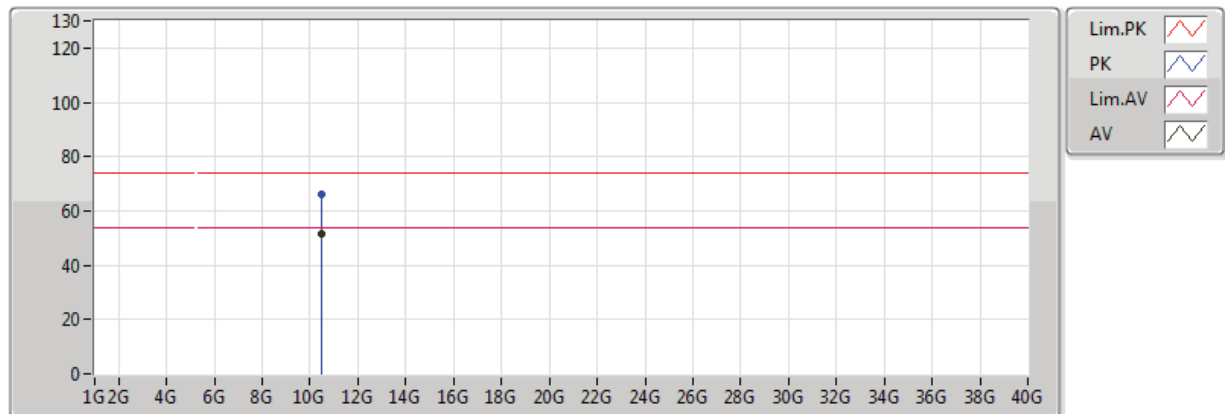


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1488G	47.06	54.00	-6.94	7.00	3	Horizontal	0	1.00	-				
AV	5.2382G	116.68	Inf	-Inf	7.04	3	Horizontal	0	1.00	-				
AV	5.3888G	47.40	54.00	-6.60	7.13	3	Horizontal	0	1.00	-				
PK	5.147G	70.70	74.00	-3.30	7.00	3	Horizontal	0	1.00	-				
PK	5.2364G	127.41	Inf	-Inf	7.04	3	Horizontal	0	1.00	-				
PK	5.3522G	71.62	74.00	-2.38	7.10	3	Horizontal	0	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

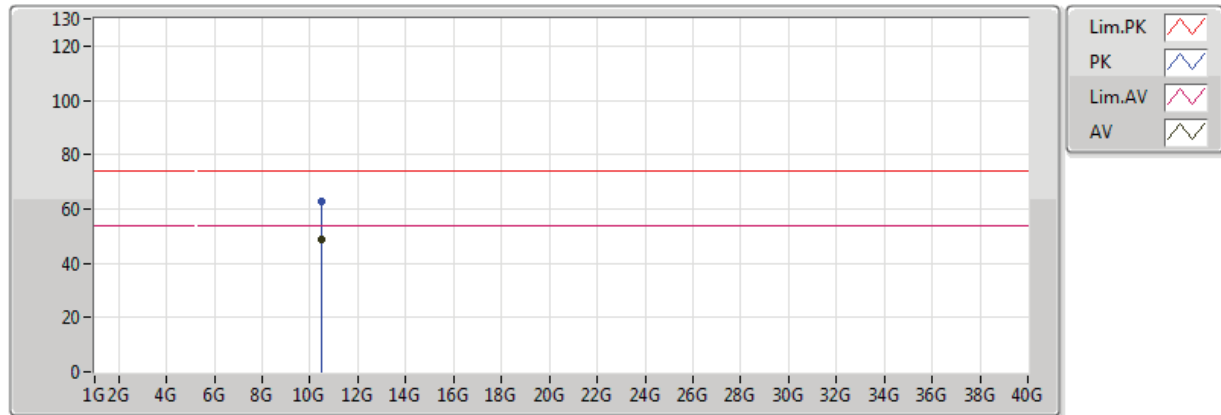


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.48384G	51.62	54.00	-2.38	16.48	3	Vertical	191	1.00	-				
PK	10.48612G	66.24	74.00	-7.76	16.48	3	Vertical	191	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

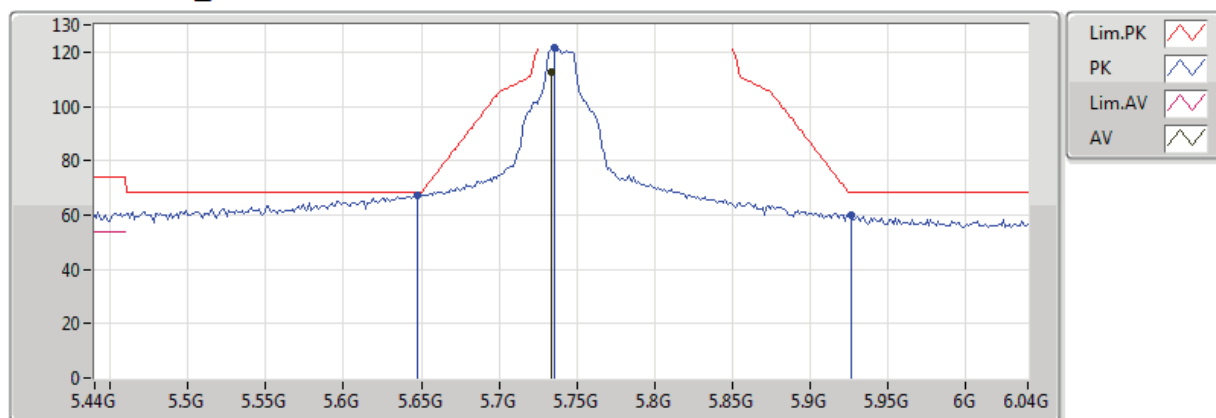


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.48168G	48.52	54.00	-5.48	16.47	3	Horizontal	128	1.00	-				
PK	10.48372G	62.83	74.00	-11.17	16.48	3	Horizontal	128	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5740MHz_TX

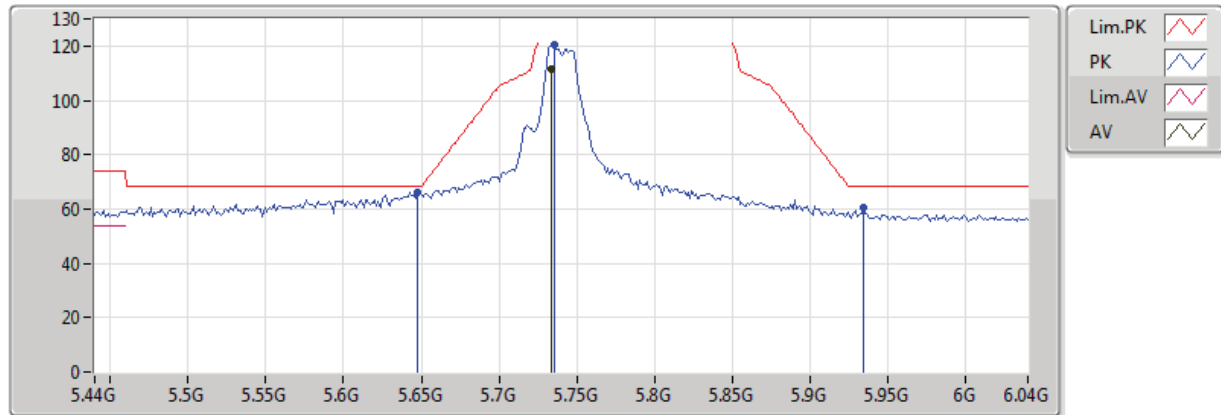


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.734G	112.69	Inf	-Inf	3.46	3	Vertical	353	1.01	-				
PK	5.6476G	67.46	68.20	-0.74	3.39	3	Vertical	353	1.01	-				
PK	5.7352G	121.47	Inf	-Inf	3.46	3	Vertical	353	1.01	-				
PK	5.926G	60.00	68.20	-8.20	3.62	3	Vertical	353	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5740MHz_TX

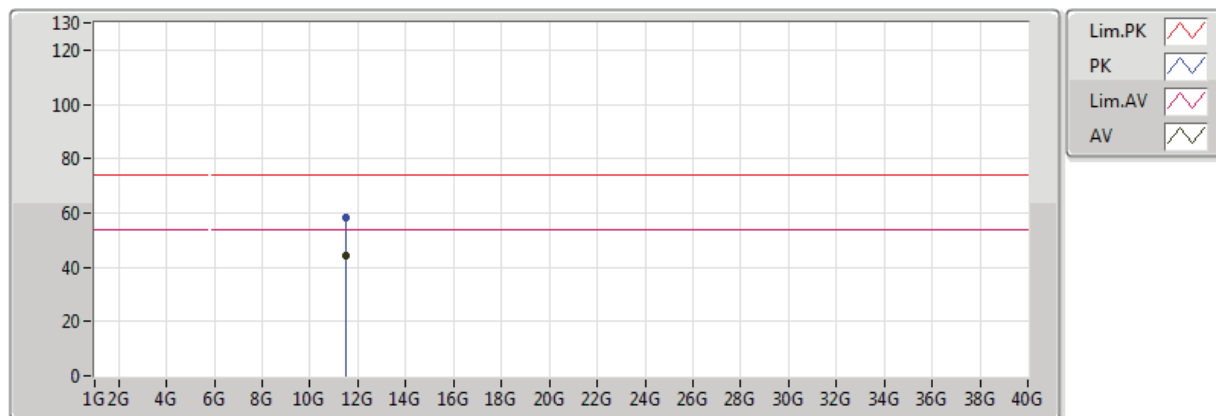


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.734G	111.61	Inf	-Inf	3.46	3	Horizontal	359	1.00	-				
PK	5.6476G	65.92	68.20	-2.28	3.39	3	Horizontal	359	1.00	-				
PK	5.7352G	120.52	Inf	-Inf	3.46	3	Horizontal	359	1.00	-				
PK	5.9344G	60.35	68.20	-7.85	3.63	3	Horizontal	359	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5740MHz_TX

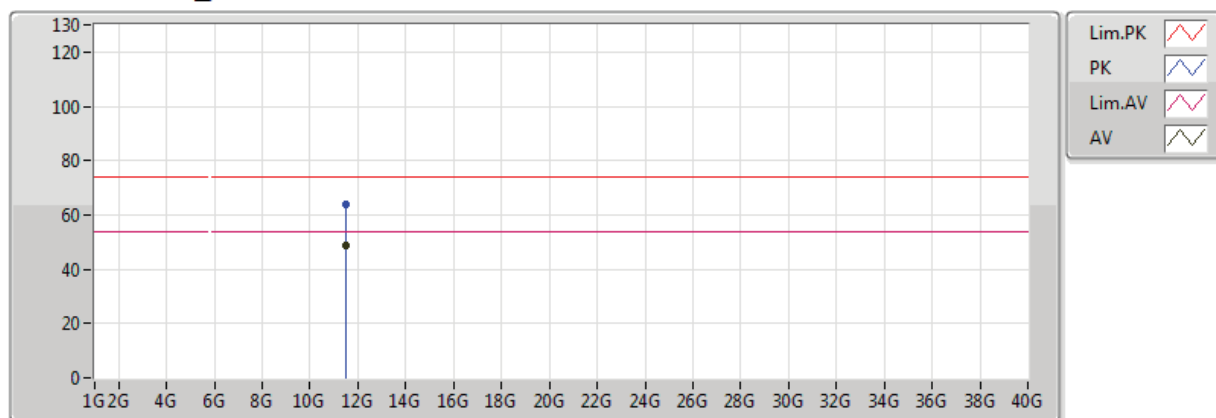


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.48126G	44.30	54.00	-9.70	16.83	3	Vertical	171	1.00	-				
PK	11.47826G	58.47	74.00	-15.53	16.83	3	Vertical	171	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5740MHz_TX

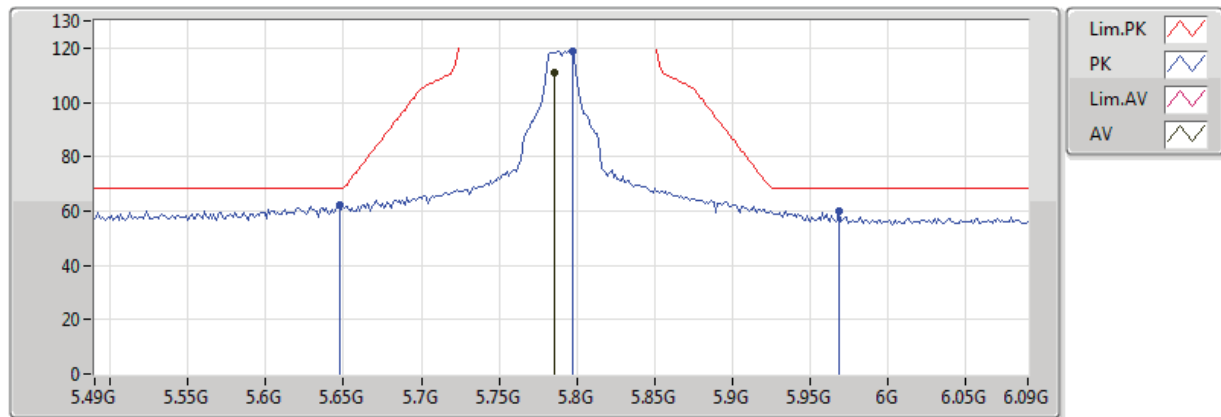


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.4812G	48.86	54.00	-5.14	16.83	3	Horizontal	185	1.00	-				
PK	11.48006G	63.83	74.00	-10.17	16.83	3	Horizontal	185	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5790MHz_TX

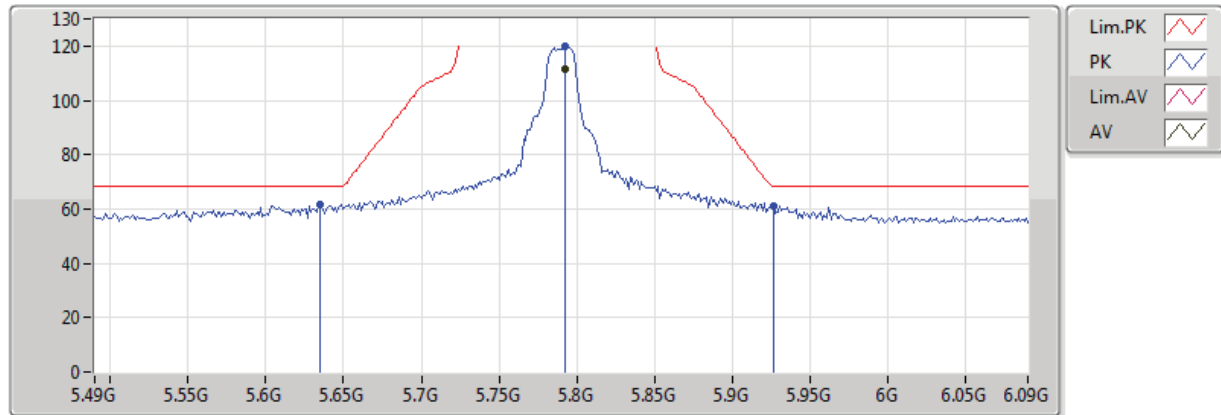


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7852G	110.85	Inf	-Inf	3.50	3	Vertical	345	1.06	-				
PK	5.6472G	62.09	68.20	-6.11	3.39	3	Vertical	345	1.06	-				
PK	5.7972G	118.97	Inf	-Inf	3.51	3	Vertical	345	1.06	-				
PK	5.9688G	60.18	68.20	-8.02	3.66	3	Vertical	345	1.06	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5790MHz_TX

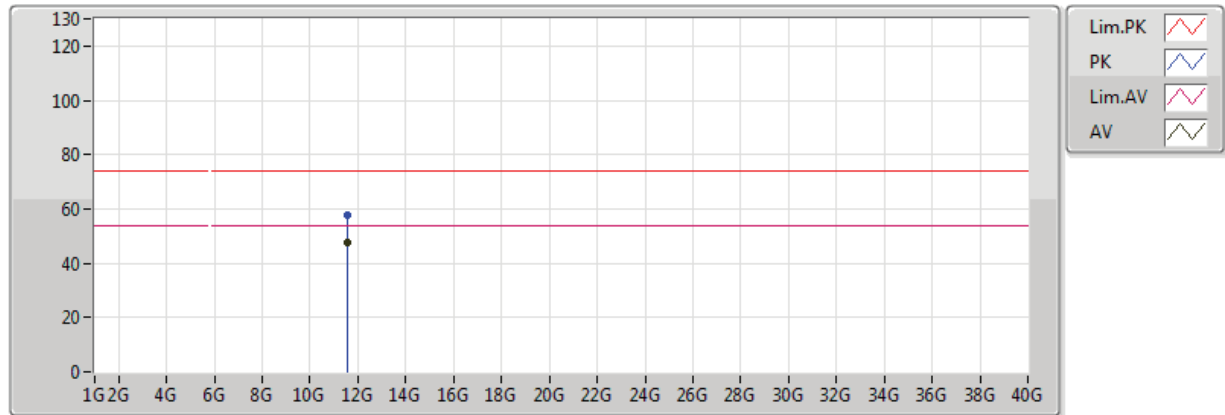


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7924G	111.49	Inf	-Inf	3.50	3	Horizontal	352	1.04	-				
PK	5.6352G	61.52	68.20	-6.68	3.38	3	Horizontal	352	1.04	-				
PK	5.7924G	119.98	Inf	-Inf	3.50	3	Horizontal	352	1.04	-				
PK	5.9268G	61.06	68.20	-7.14	3.62	3	Horizontal	352	1.04	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5790MHz_TX

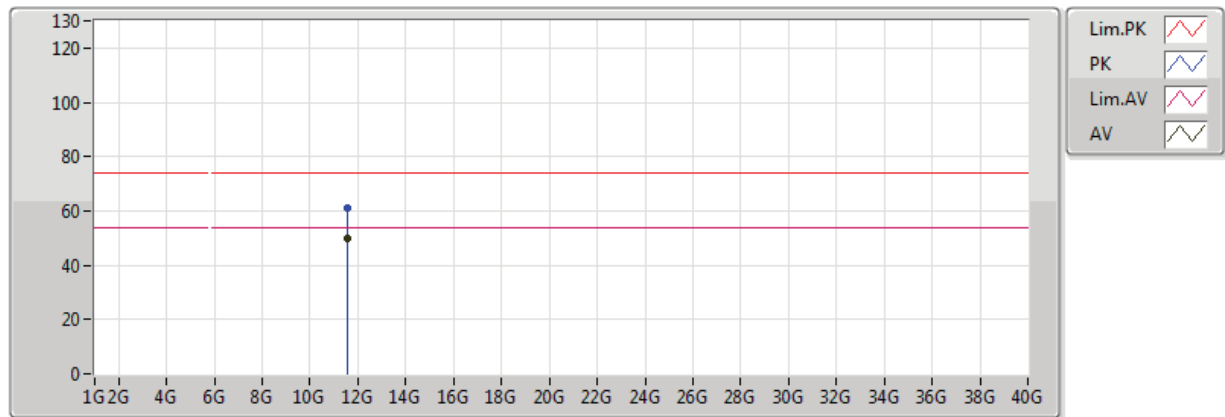


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.581G	47.55	54.00	-6.45	13.47	3	Vertical	165	2.77	-				
PK	11.5834G	57.92	74.00	-16.08	13.47	3	Vertical	165	2.77	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5790MHz_TX

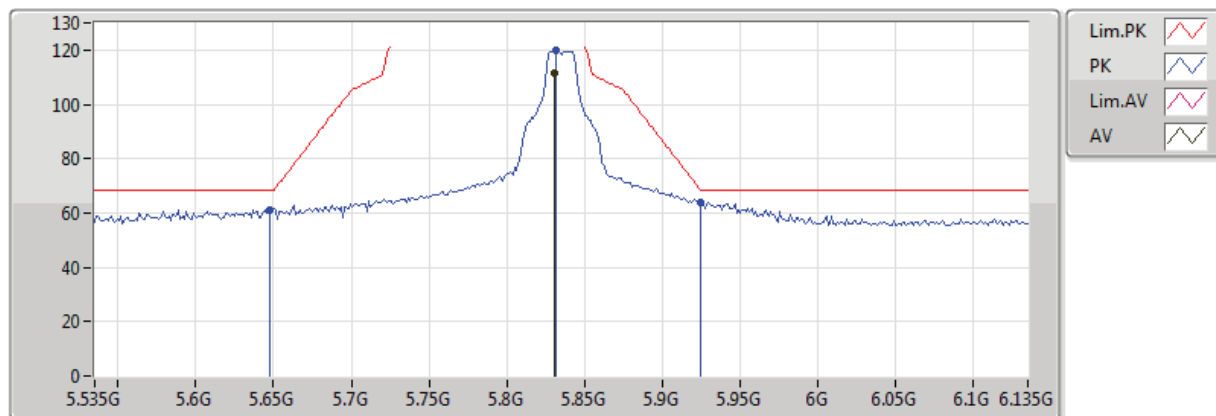


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.579G	49.85	54.00	-4.15	13.48	3	Horizontal	174	1.13	-				
PK	11.5788G	61.05	74.00	-12.95	13.48	3	Horizontal	174	1.13	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5835MHz_TX

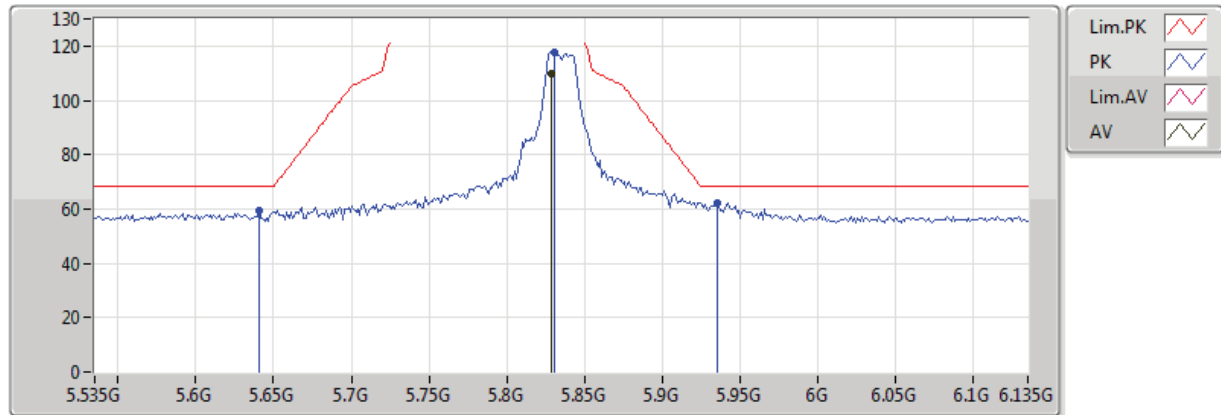


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8302G	111.25	Inf	-Inf	3.54	3	Vertical	354	1.11	-				
PK	5.6478G	61.24	68.20	-6.96	3.39	3	Vertical	354	1.11	-				
PK	5.8314G	120.02	Inf	-Inf	3.54	3	Vertical	354	1.11	-				
PK	5.925G	63.71	68.20	-4.49	3.62	3	Vertical	354	1.11	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5835MHz_TX

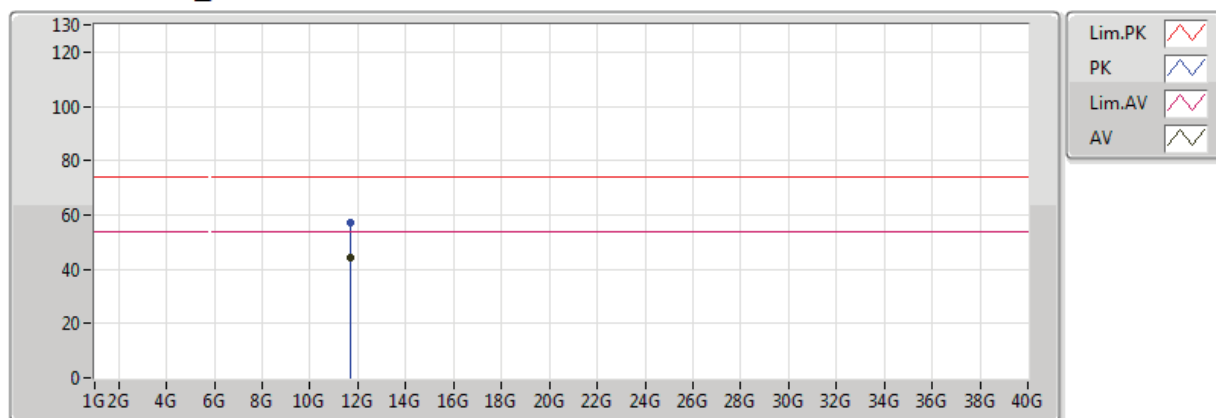


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.829G	109.60	Inf	-Inf	3.54	3	Horizontal	359	1.01	-				
PK	5.6406G	59.13	68.20	-9.07	3.39	3	Horizontal	359	1.01	-				
PK	5.8302G	117.87	Inf	-Inf	3.54	3	Horizontal	359	1.01	-				
PK	5.9358G	62.22	68.20	-5.98	3.63	3	Horizontal	359	1.01	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5835MHz_TX

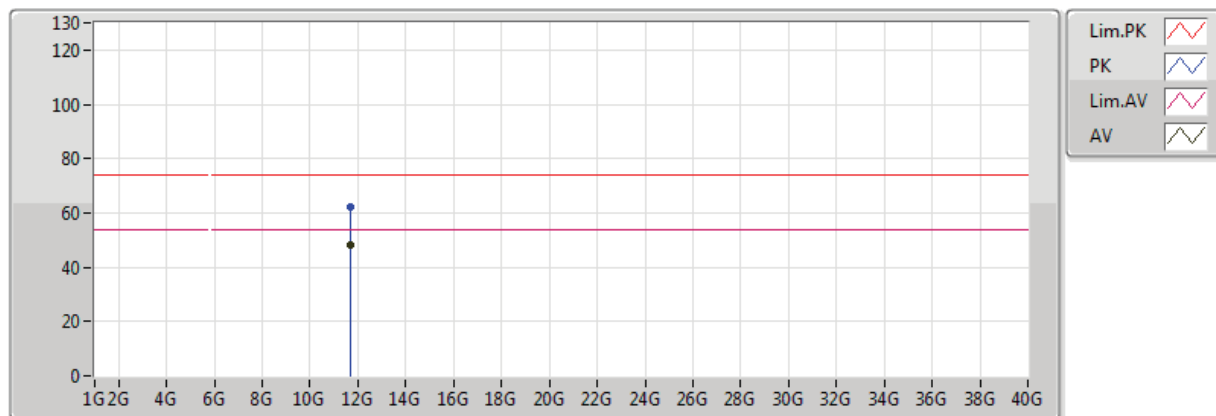


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6715G	44.29	54.00	-9.71	16.59	3	Vertical	249	1.00	-				
PK	11.6688G	57.19	74.00	-16.81	16.60	3	Vertical	249	1.00	-				

802.11ac VHT20_Nss1,(MCS0)_2TX

5835MHz_TX

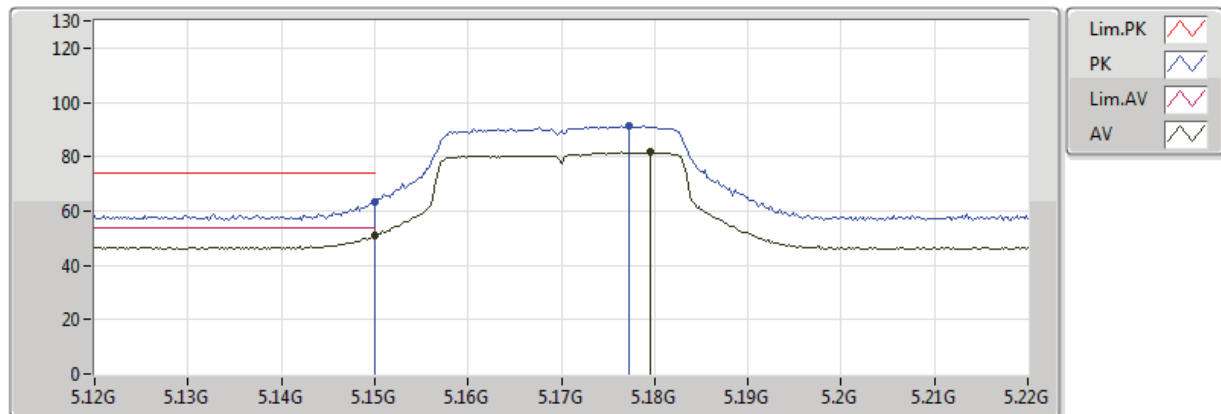


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.67138G	48.13	54.00	-5.87	16.59	3	Horizontal	193	1.01	-				
PK	11.67228G	61.94	74.00	-12.06	16.59	3	Horizontal	193	1.01	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5170MHz_TX

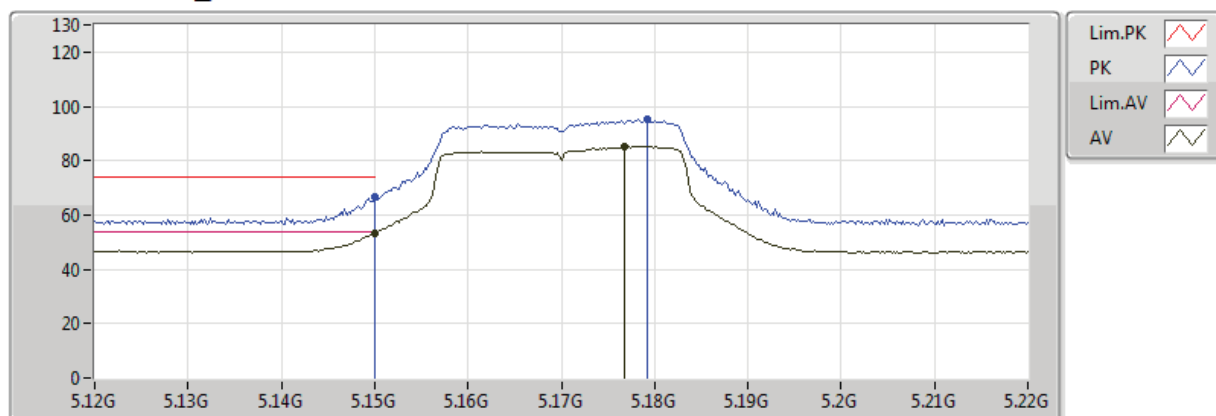


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	50.78	54.00	-3.22	7.00	3	Vertical	0	1.04	-				
AV	5.1796G	81.63	Inf	-Inf	7.01	3	Vertical	0	1.04	-				
PK	5.149995G	63.27	74.00	-10.73	7.00	3	Vertical	0	1.04	-				
PK	5.1772G	91.25	Inf	-Inf	7.01	3	Vertical	0	1.04	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5170MHz_TX

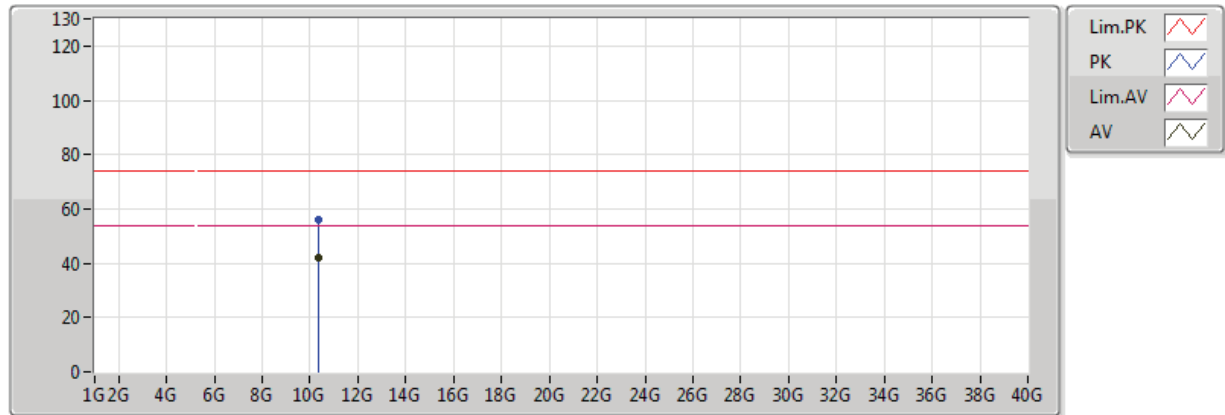


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	53.14	54.00	-0.86	7.00	3	Horizontal	0	1.07	-				
AV	5.1768G	85.12	Inf	-Inf	7.01	3	Horizontal	0	1.07	-				
PK	5.149995G	66.57	74.00	-7.43	7.00	3	Horizontal	0	1.07	-				
PK	5.1792G	95.14	Inf	-Inf	7.01	3	Horizontal	0	1.07	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5170MHz_TX

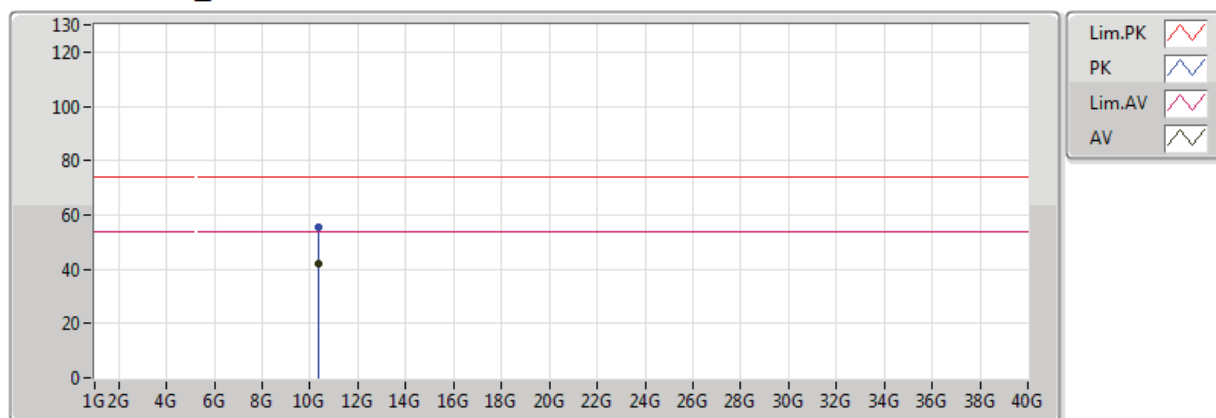


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.33808G	42.06	54.00	-11.94	16.24	3	Vertical	3	1.50	-				
PK	10.34138G	56.09	74.00	-17.91	16.24	3	Vertical	3	1.50	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5170MHz_TX

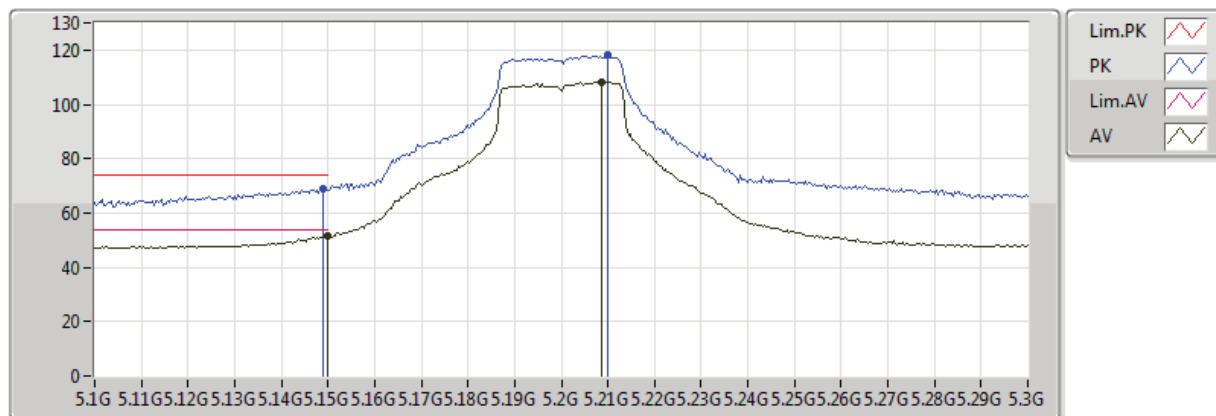


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.35236G	42.12	54.00	-11.88	16.26	3	Horizontal	204	1.88	-				
PK	10.33736G	55.48	74.00	-18.52	16.24	3	Horizontal	204	1.88	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5200MHz_TX

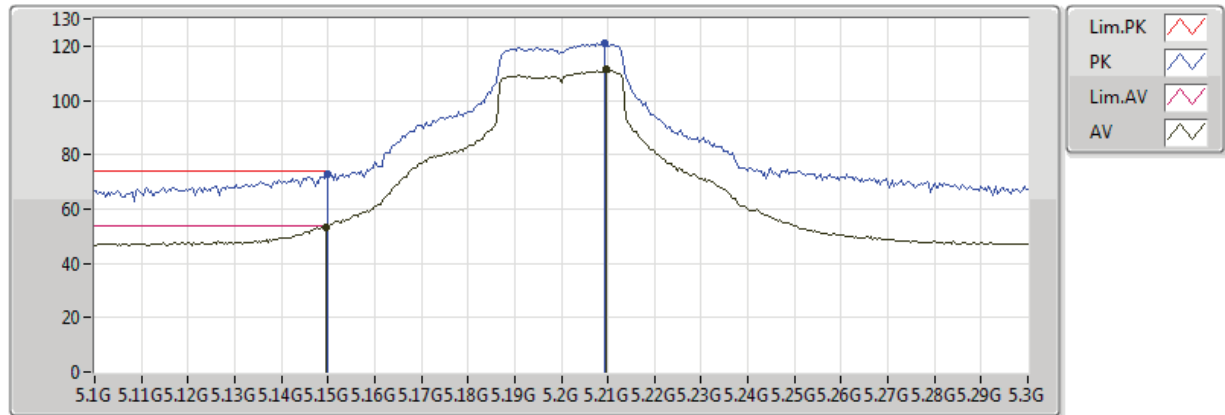


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	51.29	54.00	-2.71	7.00	3	Vertical	0	1.15	-				
AV	5.2088G	108.40	Inf	-Inf	7.03	3	Vertical	0	1.15	-				
PK	5.1488G	69.09	74.00	-4.91	7.00	3	Vertical	0	1.15	-				
PK	5.21G	118.36	Inf	-Inf	7.03	3	Vertical	0	1.15	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5200MHz_TX

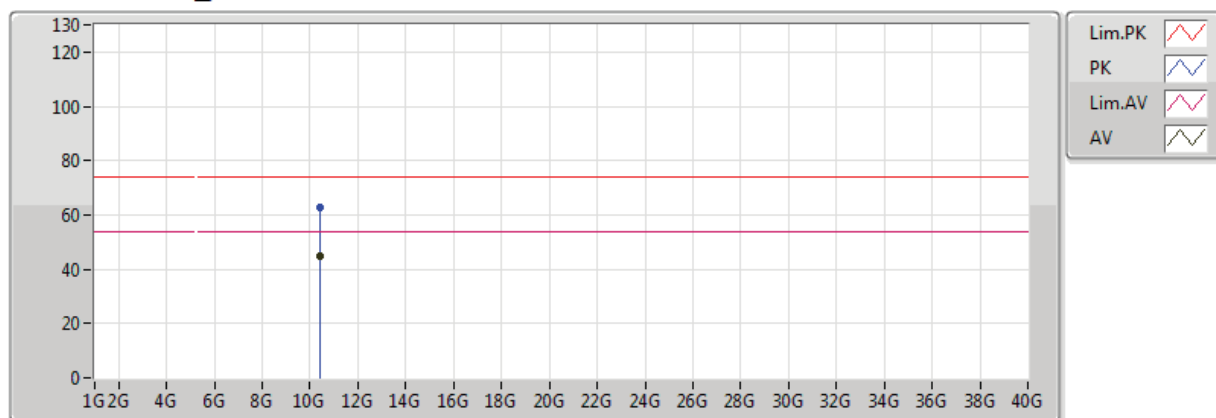


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.1496G	53.45	54.00	-0.55	7.00	3	Horizontal	1	1.18	-				
AV	5.2096G	111.26	Inf	-Inf	7.03	3	Horizontal	1	1.18	-				
PK	5.149995G	72.63	74.00	-1.37	7.00	3	Horizontal	1	1.18	-				
PK	5.2092G	121.02	Inf	-Inf	7.03	3	Horizontal	1	1.18	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5200MHz_TX

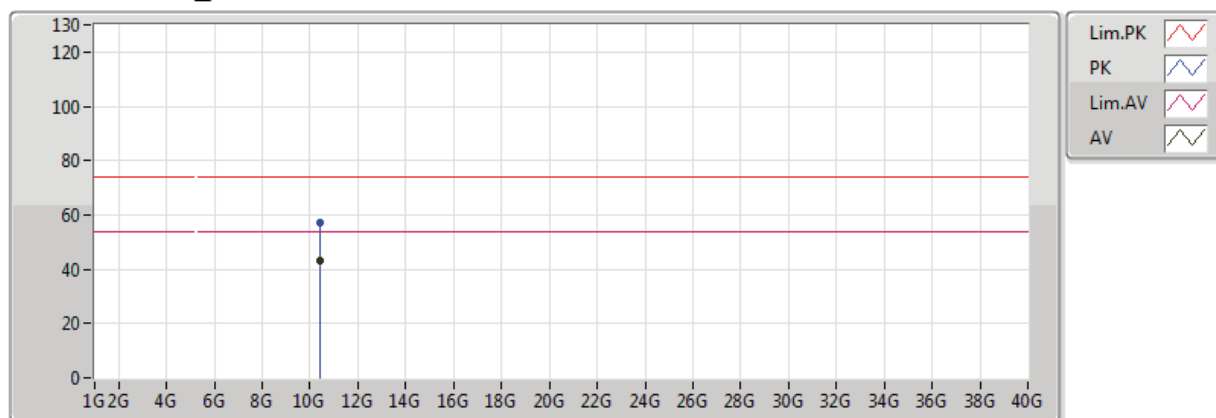


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40204G	44.98	54.00	-9.02	16.34	3	Vertical	189	2.09	-				
PK	10.40174G	62.50	74.00	-11.50	16.34	3	Vertical	189	2.09	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5200MHz_TX

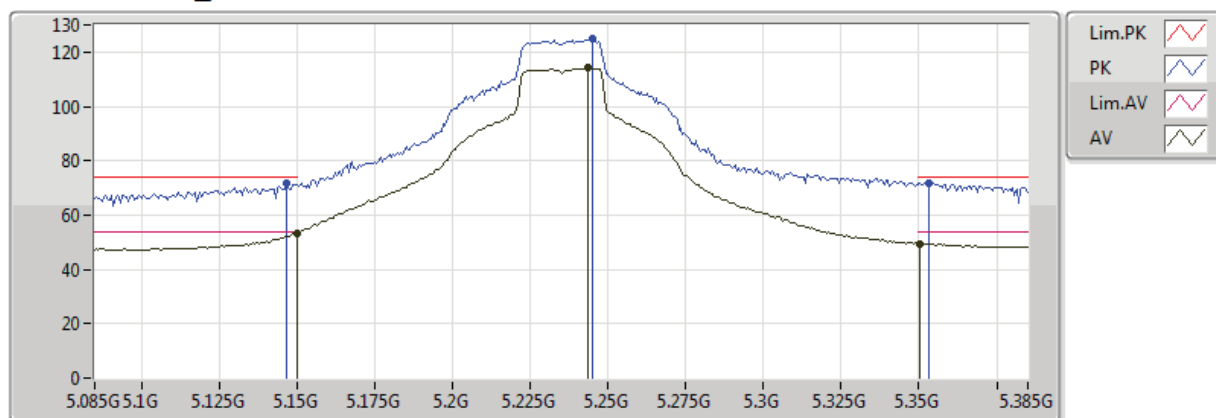


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.4063G	43.07	54.00	-10.93	16.35	3	Horizontal	286	1.69	-				
PK	10.4015G	57.32	74.00	-16.68	16.34	3	Horizontal	286	1.69	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5235MHz_TX

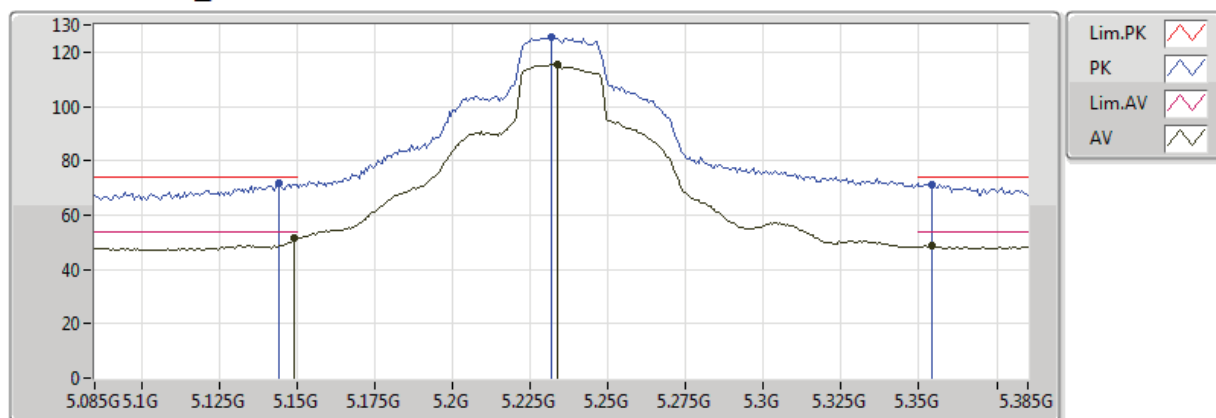


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.26	54.00	-0.74	7.00	3	Vertical	359	1.09	-				
AV	5.2434G	114.24	Inf	-Inf	7.05	3	Vertical	359	1.09	-				
AV	5.3502G	49.55	54.00	-4.45	7.10	3	Vertical	359	1.09	-				
PK	5.1468G	71.47	74.00	-2.53	7.00	3	Vertical	359	1.09	-				
PK	5.2452G	124.87	Inf	-Inf	7.05	3	Vertical	359	1.09	-				
PK	5.3532G	71.76	74.00	-2.24	7.10	3	Vertical	359	1.09	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5235MHz_TX

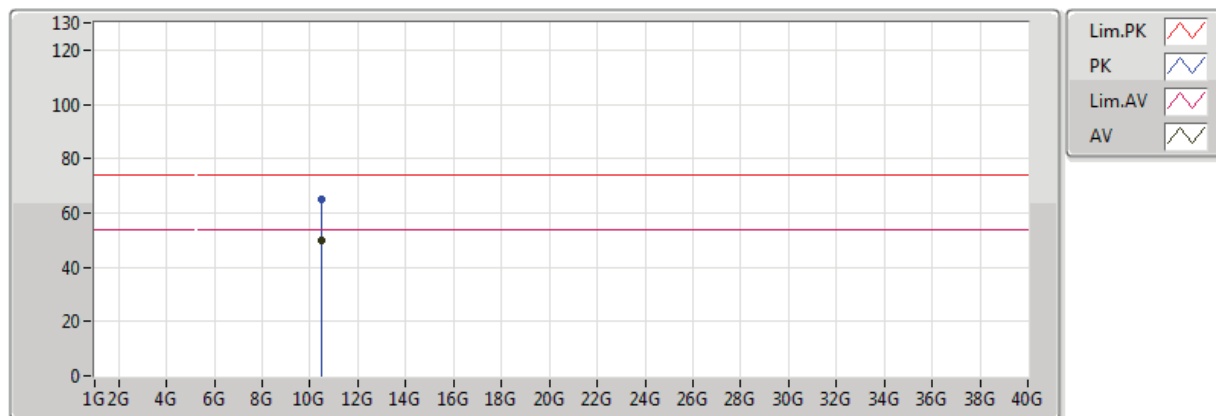


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1492G	51.32	54.00	-2.68	7.00	3	Horizontal	0	1.00	-				
AV	5.2338G	115.38	Inf	-Inf	7.04	3	Horizontal	0	1.00	-				
AV	5.3544G	48.93	54.00	-5.07	7.11	3	Horizontal	0	1.00	-				
PK	5.1444G	71.63	74.00	-2.37	6.99	3	Horizontal	0	1.00	-				
PK	5.232G	125.43	Inf	-Inf	7.04	3	Horizontal	0	1.00	-				
PK	5.3544G	71.31	74.00	-2.69	7.11	3	Horizontal	0	1.00	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5235MHz_TX

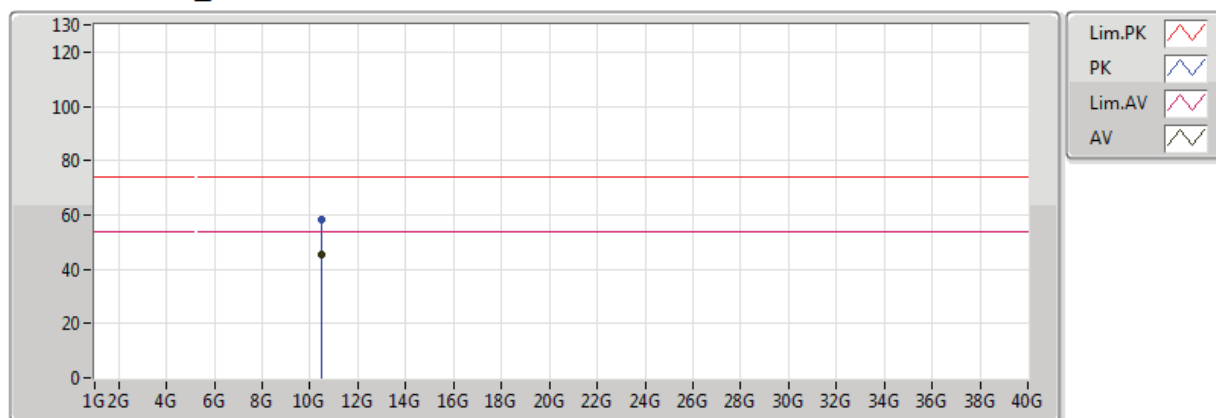


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.4751G	49.95	54.00	-4.05	16.46	3	Vertical	185	1.00	-				
PK	10.47552G	64.75	74.00	-9.25	16.46	3	Vertical	185	1.00	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5235MHz_TX

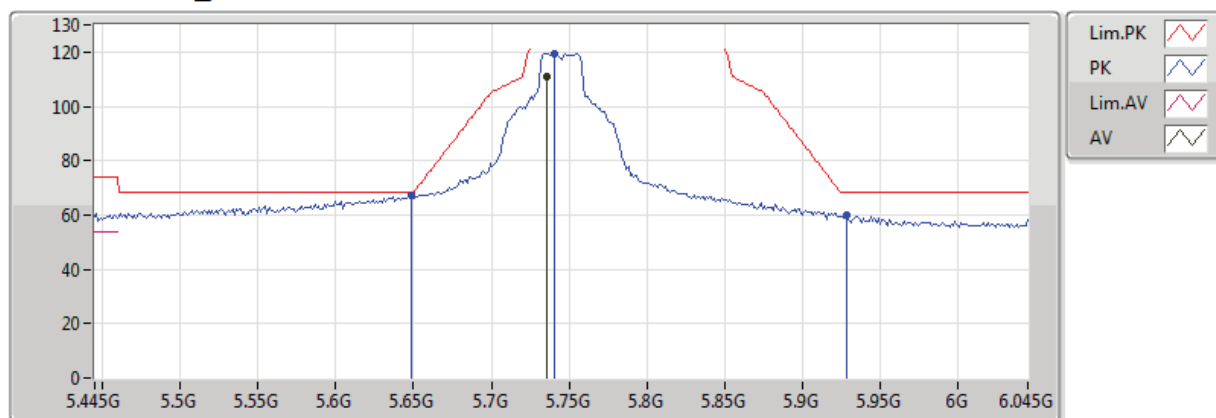


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.4715G	45.27	54.00	-8.73	16.46	3	Horizontal	76	1.26	-				
PK	10.46742G	58.28	74.00	-15.72	16.45	3	Horizontal	76	1.26	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5745MHz_TX

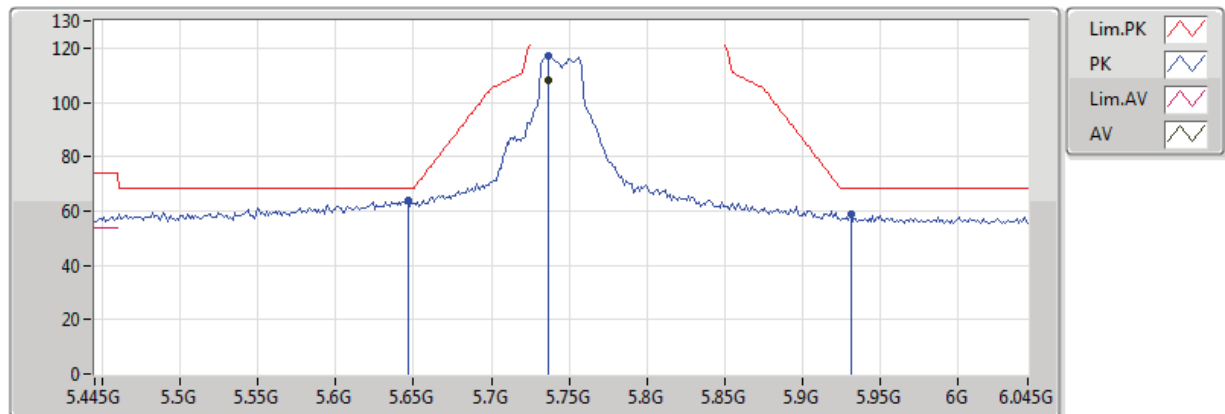


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7354G	110.89	Inf	-Inf	3.46	3	Vertical	354	1.03	-				
PK	5.649G	67.50	68.20	-0.70	3.39	3	Vertical	354	1.03	-				
PK	5.7402G	119.50	Inf	-Inf	3.47	3	Vertical	354	1.03	-				
PK	5.9286G	59.86	68.20	-8.34	3.62	3	Vertical	354	1.03	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5745MHz_TX

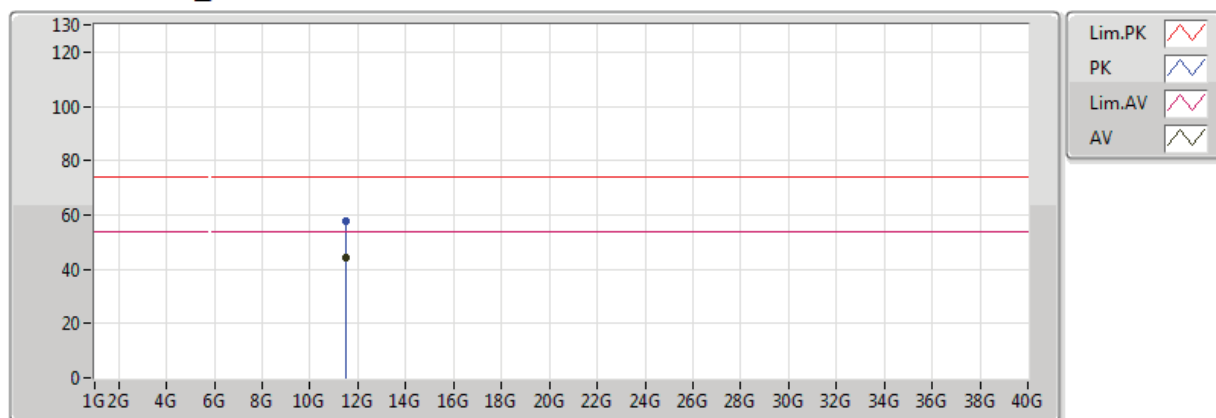


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7366G	108.36	Inf	-Inf	3.47	3	Horizontal	359	1.01	-				
PK	5.6466G	63.65	68.20	-4.55	3.39	3	Horizontal	359	1.01	-				
PK	5.7366G	117.01	Inf	-Inf	3.47	3	Horizontal	359	1.01	-				
PK	5.931G	58.65	68.20	-9.55	3.62	3	Horizontal	359	1.01	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5745MHz_TX

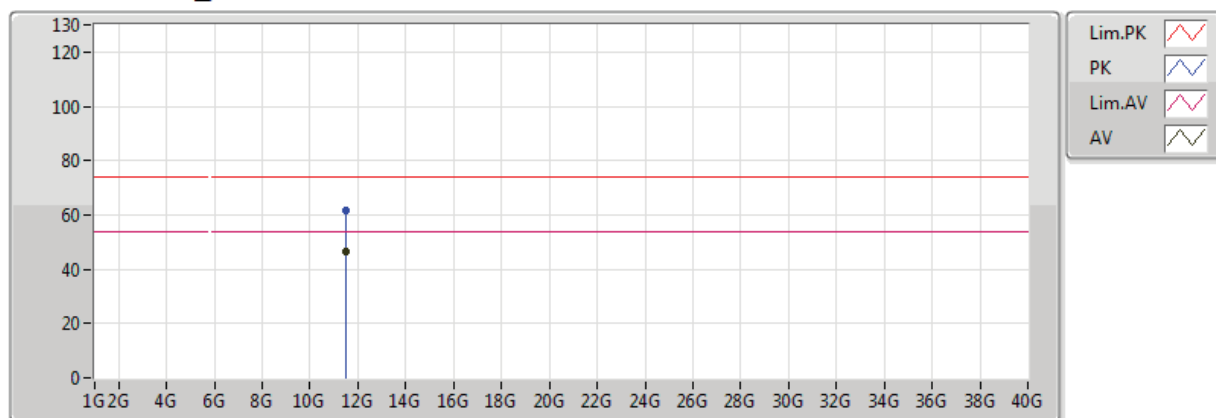


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.49612G	44.06	54.00	-9.94	16.81	3	Vertical	162	2.12	-				
PK	11.50122G	57.82	74.00	-16.18	16.80	3	Vertical	162	2.12	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5745MHz_TX

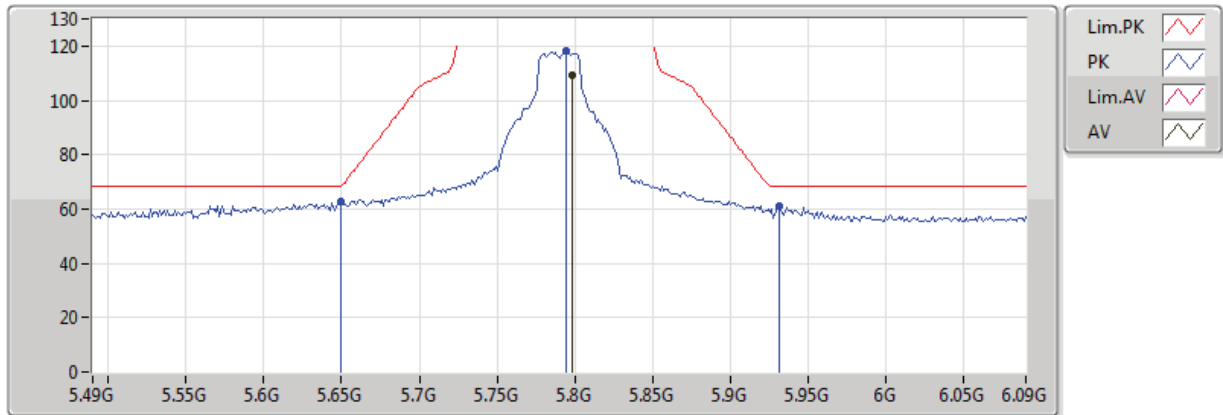


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.4843G	46.77	54.00	-7.23	16.82	3	Horizontal	84	1.63	-				
PK	11.48838G	61.57	74.00	-12.43	16.82	3	Horizontal	84	1.63	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5790MHz_TX

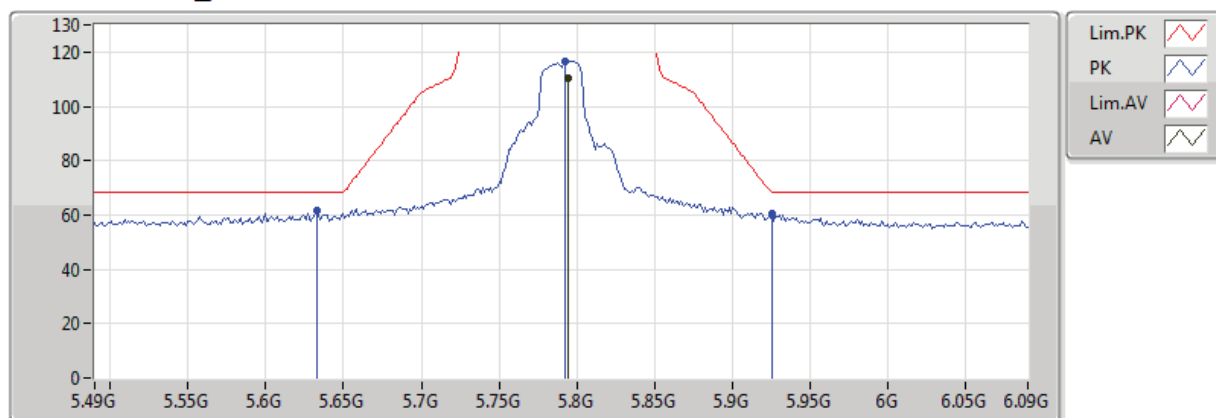


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7984G	109.00	Inf	-Inf	3.51	3	Vertical	341	1.08	-				
PK	5.6496G	62.82	68.20	-5.38	3.39	3	Vertical	341	1.08	-				
PK	5.7948G	118.10	Inf	-Inf	3.51	3	Vertical	341	1.08	-				
PK	5.9316G	61.23	68.20	-6.97	3.63	3	Vertical	341	1.08	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5790MHz_TX

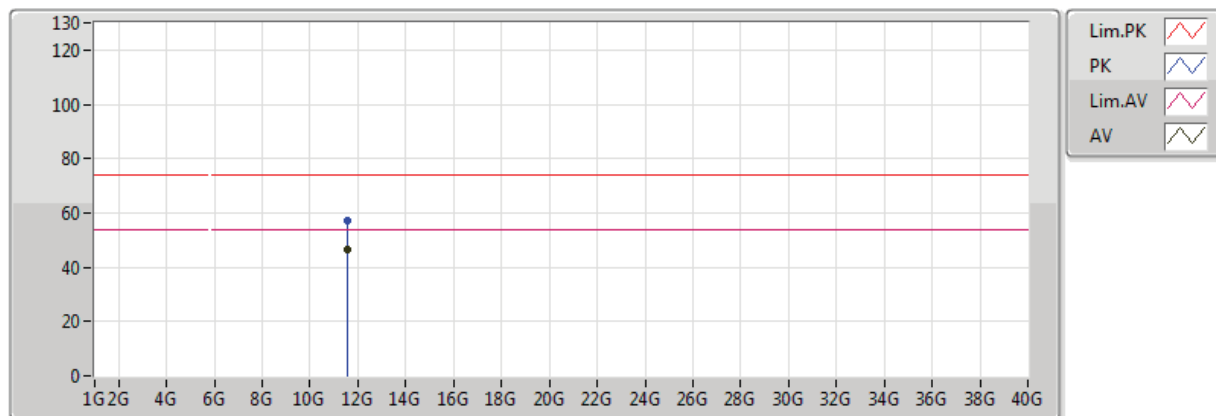


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7948G	110.39	Inf	-Inf	3.51	3	Horizontal	355	1.01	-				
PK	5.6328G	61.61	68.20	-6.59	3.38	3	Horizontal	355	1.01	-				
PK	5.9256G	60.57	68.20	-7.63	3.62	3	Horizontal	355	1.01	-				
PK	5.7924G	116.80	Inf	-Inf	3.50	3	Horizontal	355	1.01	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5790MHz_TX

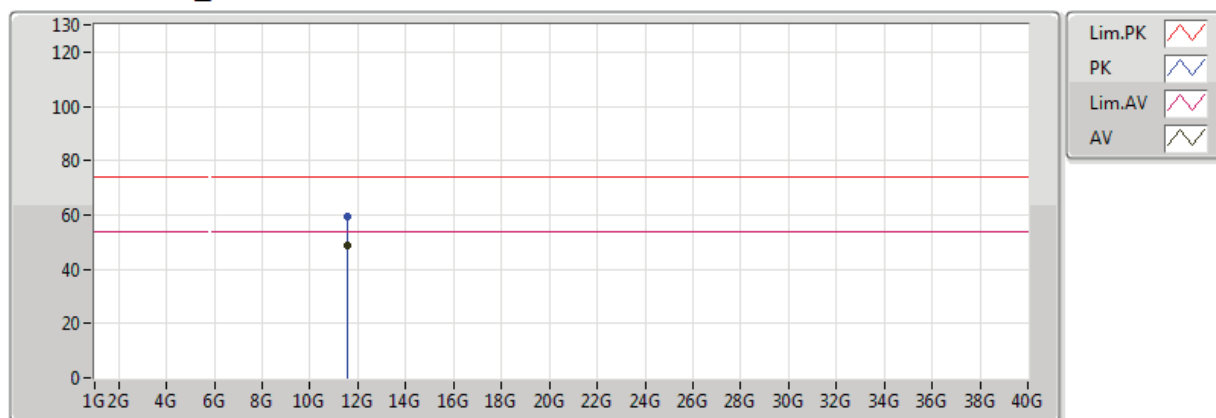


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.579G	46.63	54.00	-7.37	13.48	3	Vertical	167	3.37	-				
PK	11.5778G	57.32	74.00	-16.68	13.48	3	Vertical	167	3.37	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5790MHz_TX

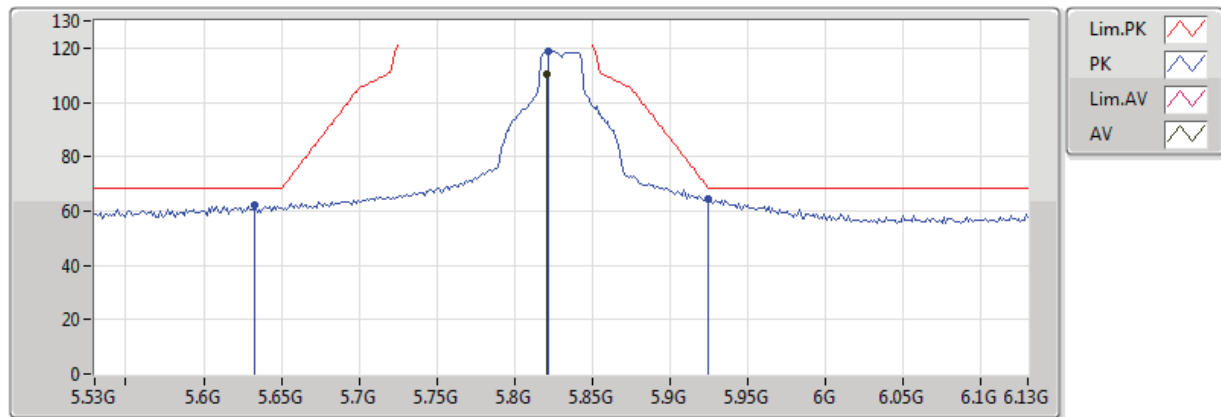


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5788G	48.48	54.00	-5.52	13.48	3	Horizontal	174	1.08	-				
PK	11.5784G	59.63	74.00	-14.37	13.48	3	Horizontal	174	1.08	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5830MHz_TX

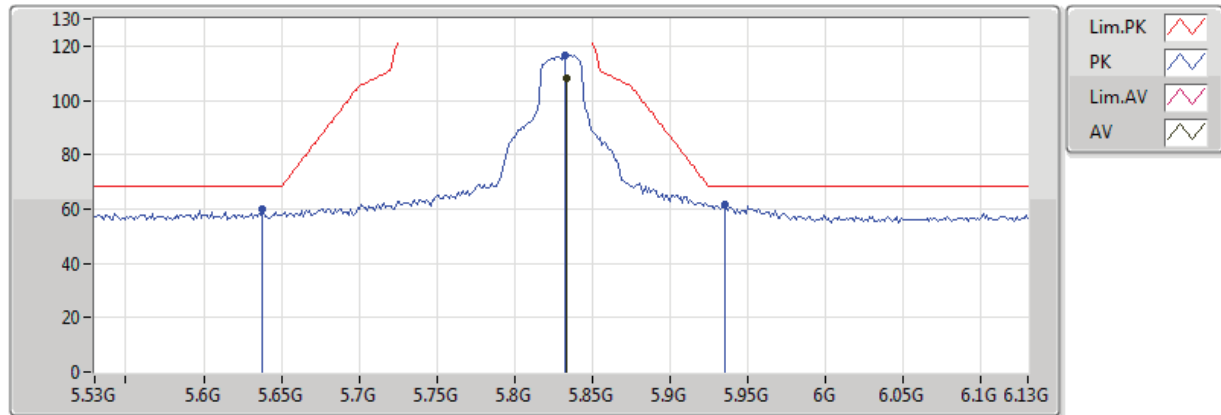


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.8204G	110.20	Inf	-Inf	3.53	3	Vertical	356	1.01	-				
PK	5.6332G	62.24	68.20	-5.96	3.38	3	Vertical	356	1.01	-				
PK	5.8216G	119.01	Inf	-Inf	3.53	3	Vertical	356	1.01	-				
PK	5.9248G	64.19	68.35	-4.16	3.62	3	Vertical	356	1.01	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5830MHz_TX

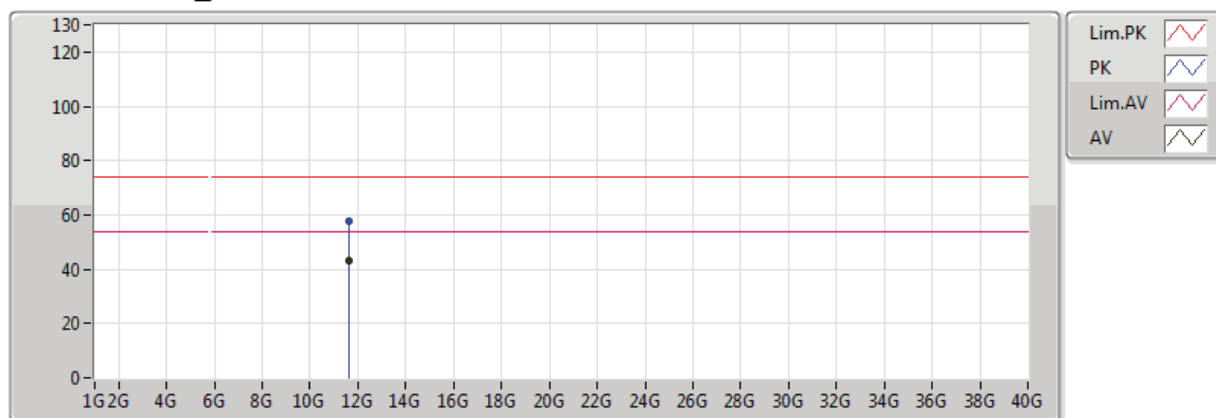


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.8336G	108.14	Inf	-Inf	3.54	3	Horizontal	359	1.06	-				
PK	5.638G	59.96	68.20	-8.24	3.38	3	Horizontal	359	1.06	-				
PK	5.8324G	116.61	Inf	-Inf	3.54	3	Horizontal	359	1.06	-				
PK	5.9356G	61.59	68.20	-6.61	3.63	3	Horizontal	359	1.06	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5830MHz_TX

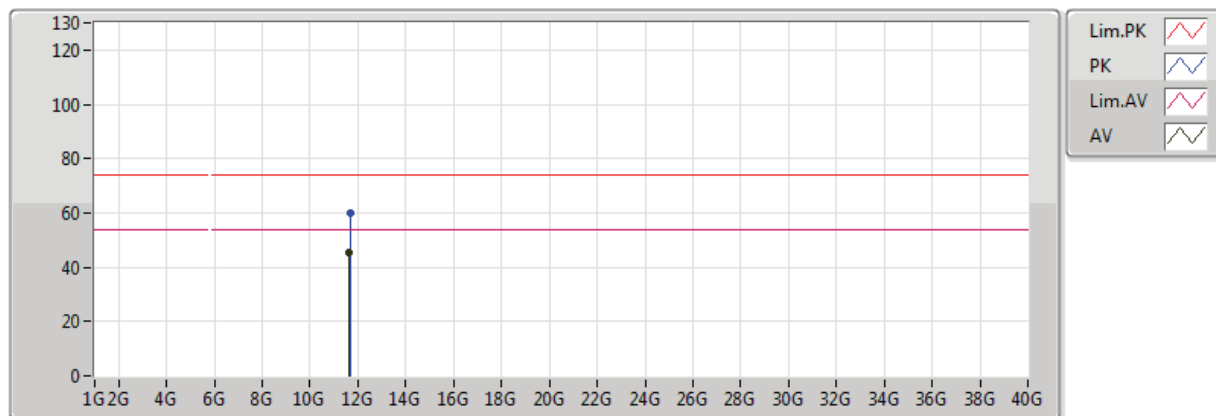


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6558G	43.16	54.00	-10.84	16.61	3	Vertical	68	2.28	-				
PK	11.6516G	57.45	74.00	-16.55	16.62	3	Vertical	68	2.28	-				

802.11ac VHT30_Nss1,(MCS0)_2TX

5830MHz_TX

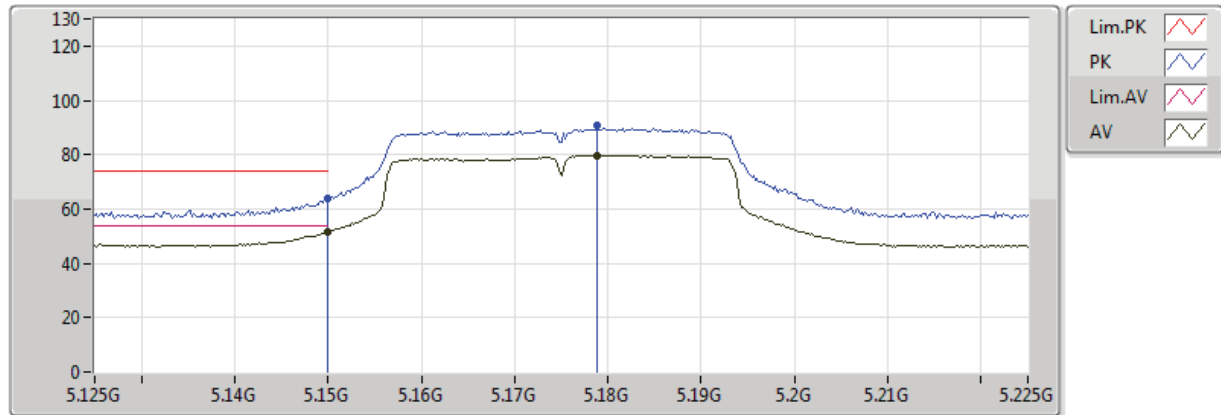


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.65508G	45.60	54.00	-8.40	16.61	3	Horizontal	100	1.55	-				
PK	11.6582G	60.20	74.00	-13.80	16.61	3	Horizontal	100	1.55	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5175MHz_TX

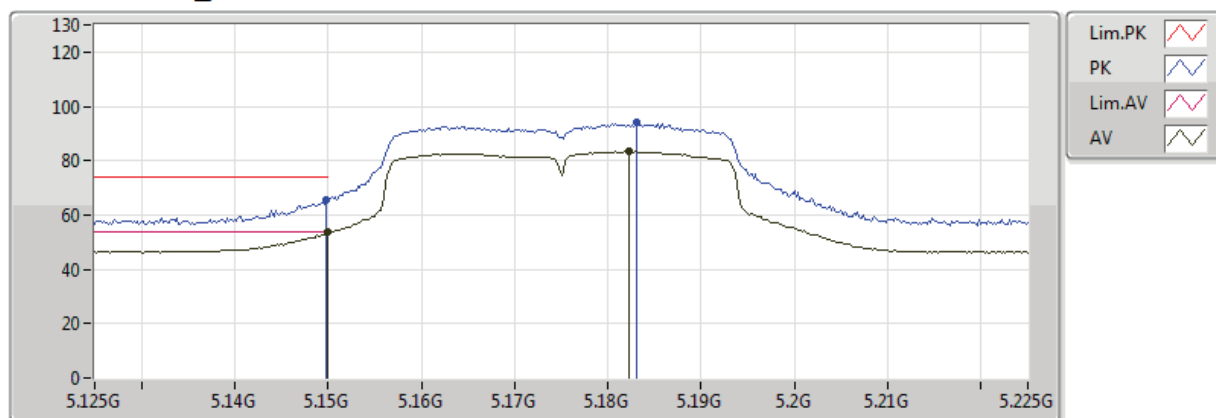


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	51.52	54.00	-2.48	7.00	3	Vertical	0	1.03	-				
AV	5.1788G	79.84	Inf	-Inf	7.01	3	Vertical	0	1.03	-				
PK	5.149995G	63.84	74.00	-10.16	7.00	3	Vertical	0	1.03	-				
PK	5.1788G	90.56	Inf	-Inf	7.01	3	Vertical	0	1.03	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5175MHz_TX

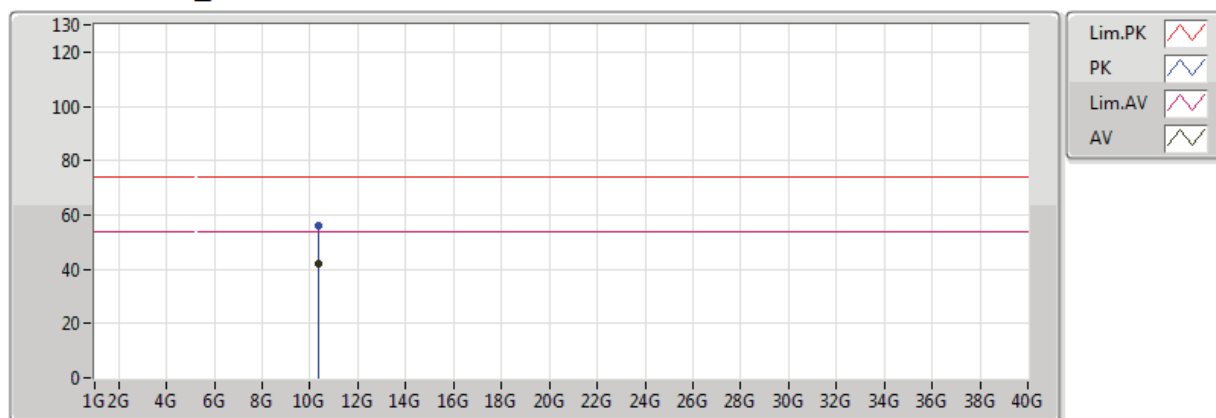


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.66	54.00	-0.34	7.00	3	Horizontal	0	1.07	-				
AV	5.1822G	83.66	Inf	-Inf	7.02	3	Horizontal	0	1.07	-				
PK	5.1498G	65.46	74.00	-8.54	7.00	3	Horizontal	0	1.07	-				
PK	5.183G	93.90	Inf	-Inf	7.02	3	Horizontal	0	1.07	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5175MHz_TX

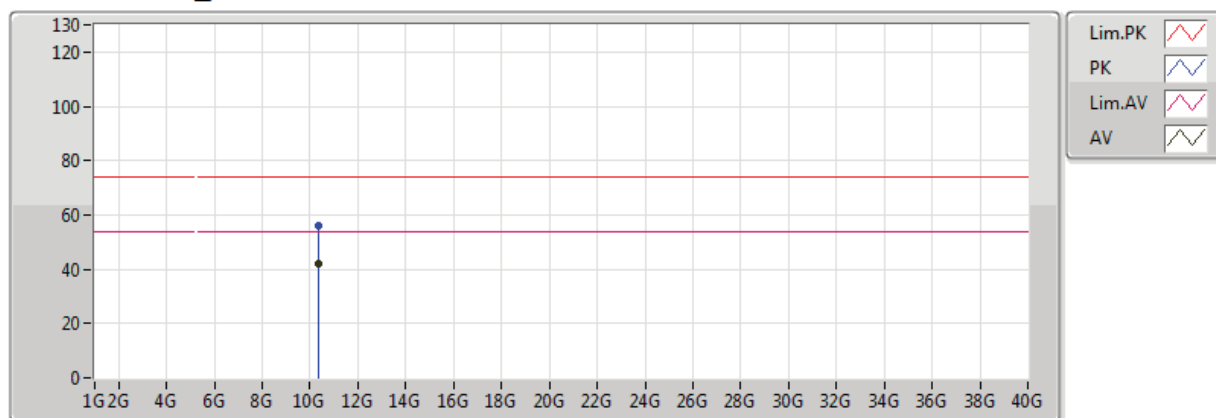


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.35228G	42.13	54.00	-11.87	16.26	3	Vertical	188	1.49	-				
PK	10.36428G	56.23	74.00	-17.77	16.28	3	Vertical	188	1.49	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5175MHz_TX

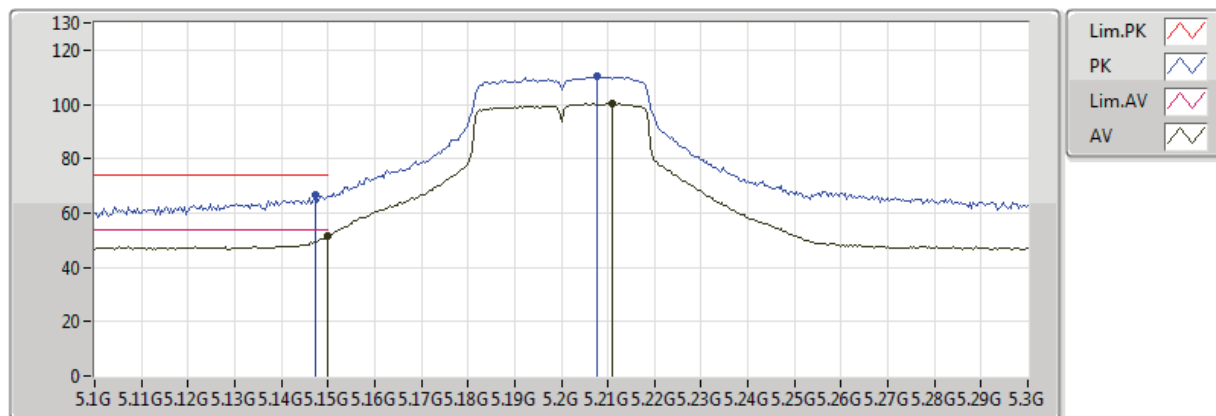


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.36332G	42.25	54.00	-11.75	16.28	3	Horizontal	125	1.12	-				
PK	10.34604G	55.97	74.00	-18.03	16.25	3	Horizontal	125	1.12	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5200MHz_TX

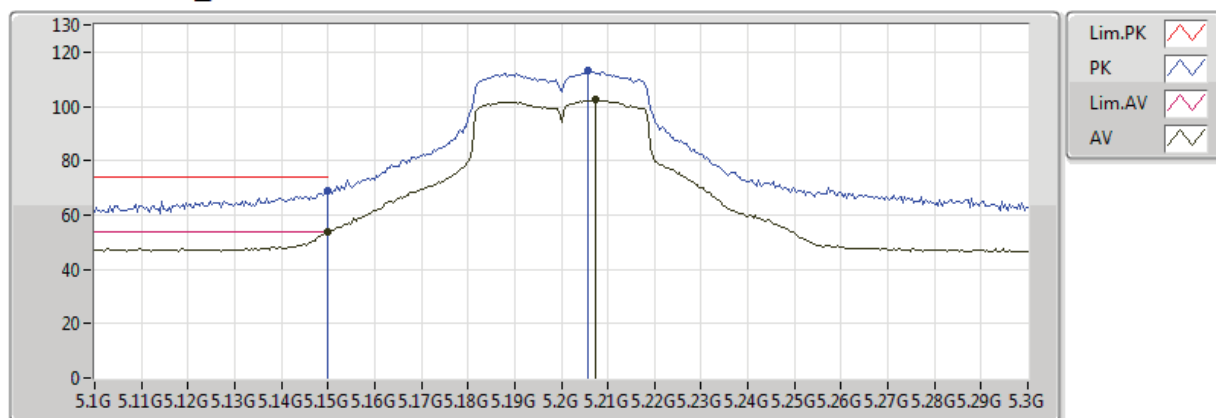


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	51.80	54.00	-2.20	7.00	3	Vertical	0	1.19	-				
AV	5.2108G	100.43	Inf	-Inf	7.03	3	Vertical	0	1.19	-				
PK	5.1472G	66.64	74.00	-7.36	7.00	3	Vertical	0	1.19	-				
PK	5.2076G	110.20	Inf	-Inf	7.03	3	Vertical	0	1.19	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5200MHz_TX

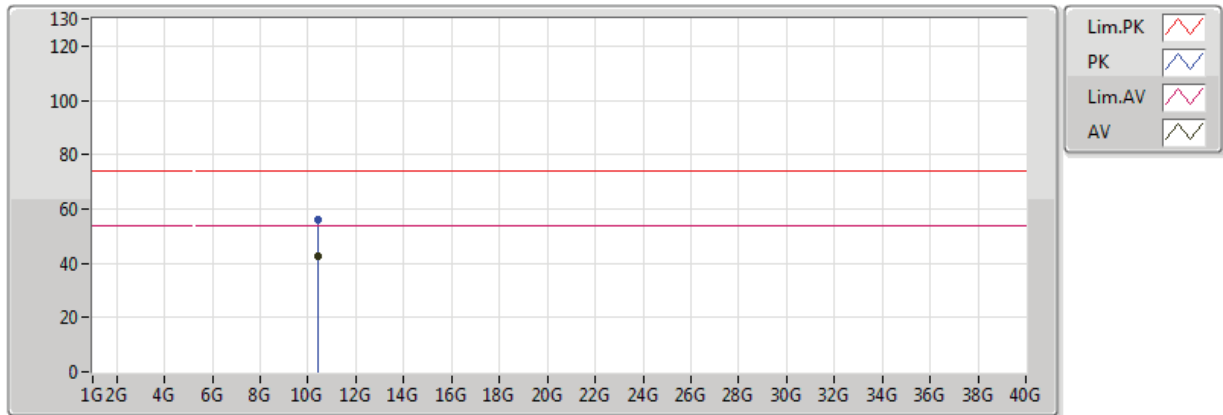


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.74	54.00	-0.26	7.00	3	Horizontal	0	1.15	-				
AV	5.2072G	102.48	Inf	-Inf	7.03	3	Horizontal	0	1.15	-				
PK	5.149995G	68.79	74.00	-5.21	7.00	3	Horizontal	0	1.15	-				
PK	5.2056G	112.95	Inf	-Inf	7.03	3	Horizontal	0	1.15	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5200MHz_TX

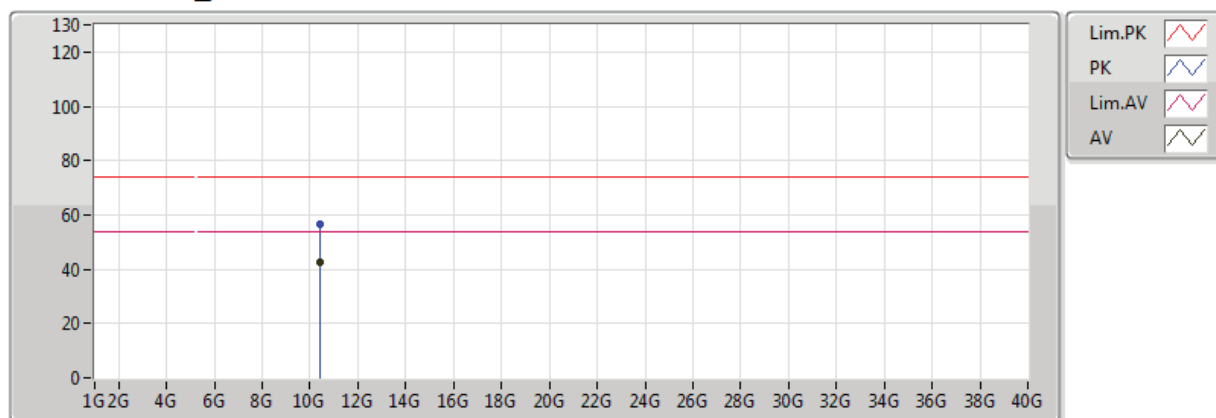


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.4054G	42.39	54.00	-11.61	16.35	3	Vertical	247	1.72	-				
PK	10.40018G	56.14	74.00	-17.86	16.34	3	Vertical	247	1.72	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5200MHz_TX

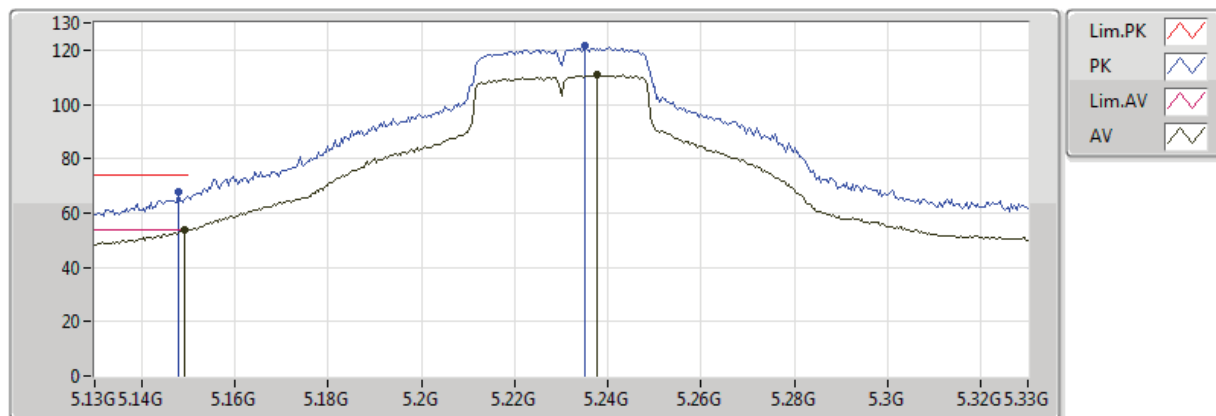


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.41464G	42.39	54.00	-11.61	16.36	3	Horizontal	348	2.11	-				
PK	10.3865G	56.44	74.00	-17.56	16.32	3	Horizontal	348	2.11	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

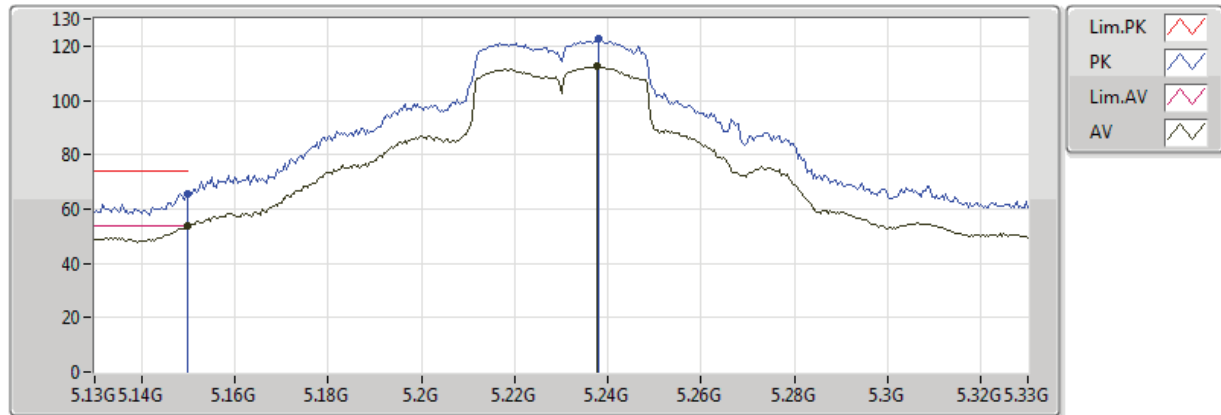


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1492G	53.77	54.00	-0.23	7.00	3	Vertical	1	1.02	-				
AV	5.2376G	110.96	Inf	-Inf	7.04	3	Vertical	1	1.02	-				
PK	5.148G	67.71	74.00	-6.29	7.00	3	Vertical	1	1.02	-				
PK	5.2352G	121.55	Inf	-Inf	7.04	3	Vertical	1	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

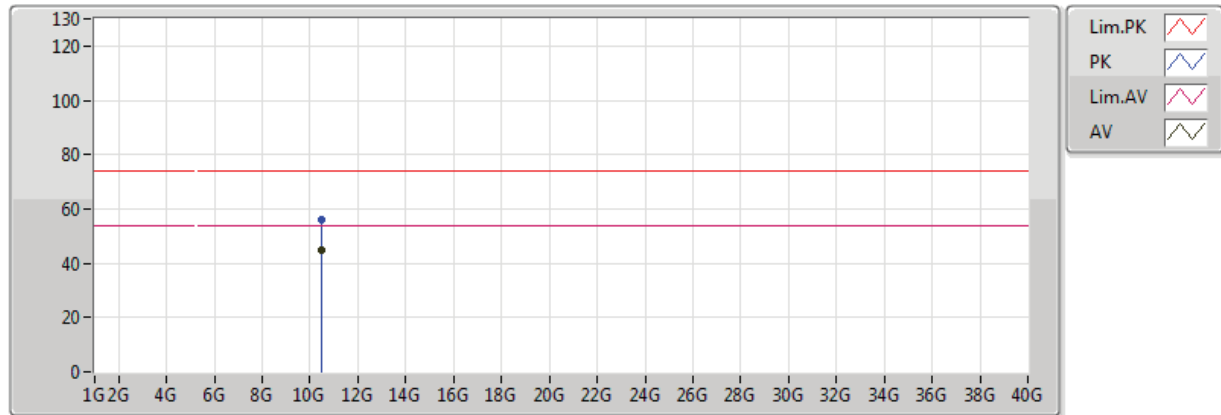


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.57	54.00	-0.43	7.00	3	Horizontal	0	1.01	-				
AV	5.2376G	112.35	Inf	-Inf	7.04	3	Horizontal	0	1.01	-				
PK	5.149995G	65.79	74.00	-8.21	7.00	3	Horizontal	0	1.01	-				
PK	5.238G	122.47	Inf	-Inf	7.04	3	Horizontal	0	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

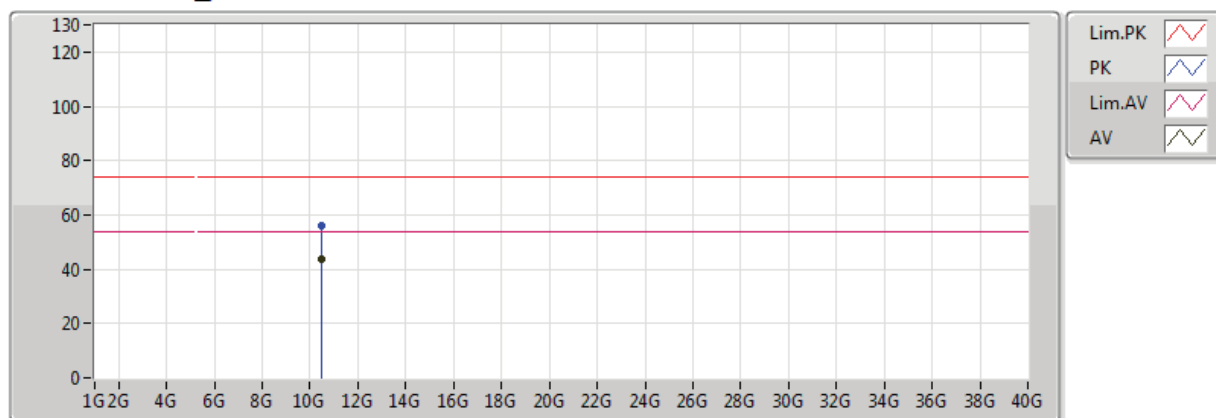


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.45916G	44.99	54.00	-9.01	16.44	3	Vertical	287	1.26	-				
PK	10.45376G	56.06	74.00	-17.94	16.43	3	Vertical	287	1.26	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

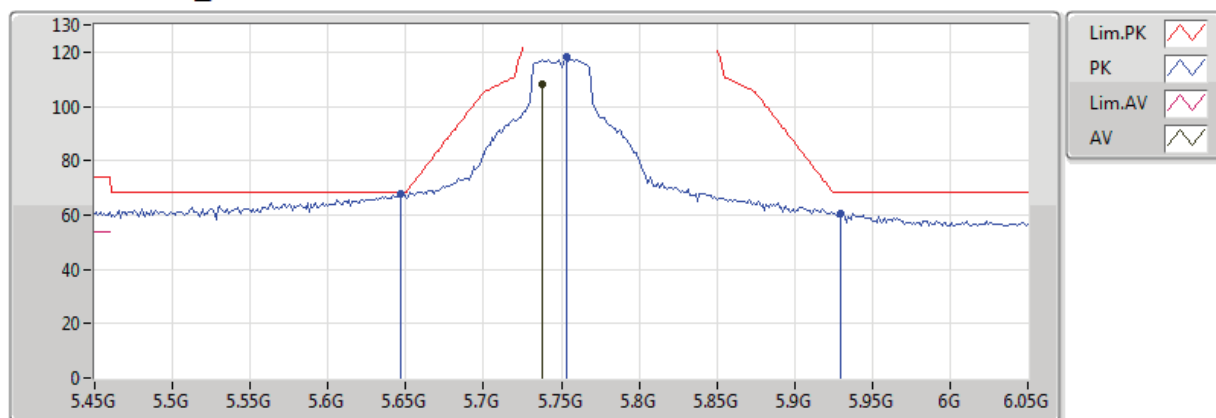


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.45958G	43.76	54.00	-10.24	16.44	3	Horizontal	66	2.28	-				
PK	10.45664G	56.07	74.00	-17.93	16.43	3	Horizontal	66	2.28	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5750MHz_TX

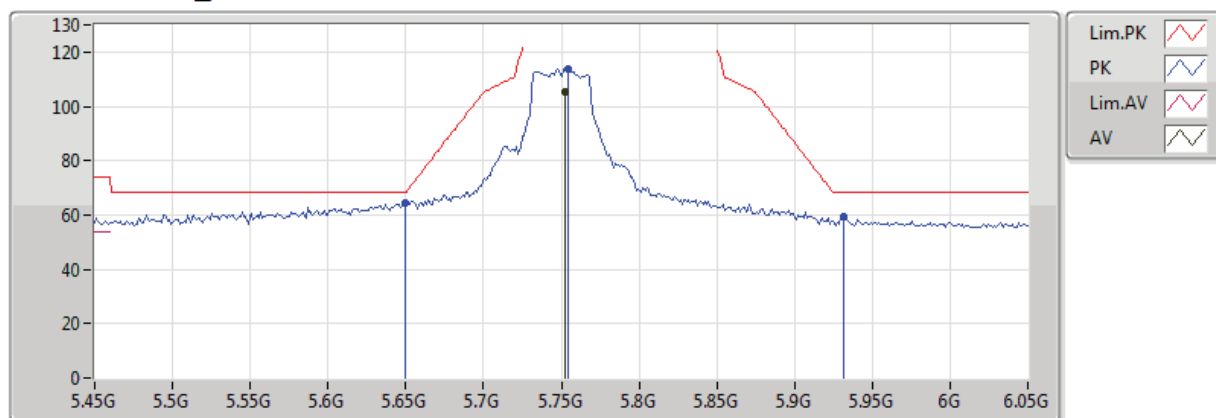


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.738G	108.30	Inf	-Inf	3.47	3	Vertical	355	1.02	-				
PK	5.6468G	67.64	68.20	-0.56	3.39	3	Vertical	355	1.02	-				
PK	5.7536G	117.96	Inf	-Inf	3.48	3	Vertical	355	1.02	-				
PK	5.93G	60.68	68.20	-7.52	3.62	3	Vertical	355	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5750MHz_TX

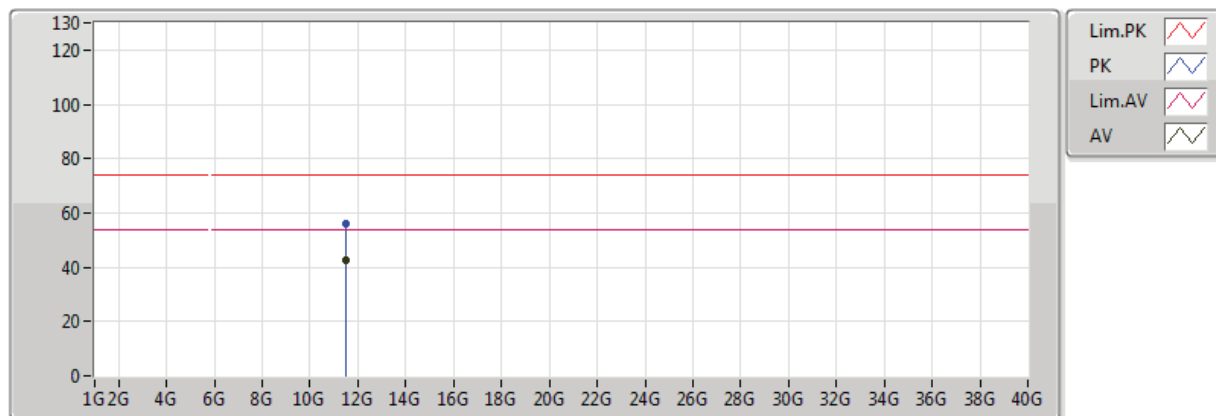


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7524G	105.36	Inf	-Inf	3.48	3	Horizontal	359	1.02	-				
PK	5.6492G	64.18	68.20	-4.02	3.39	3	Horizontal	359	1.02	-				
PK	5.7548G	113.88	Inf	-Inf	3.48	3	Horizontal	359	1.02	-				
PK	5.9312G	59.34	68.20	-8.86	3.62	3	Horizontal	359	1.02	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5750MHz_TX

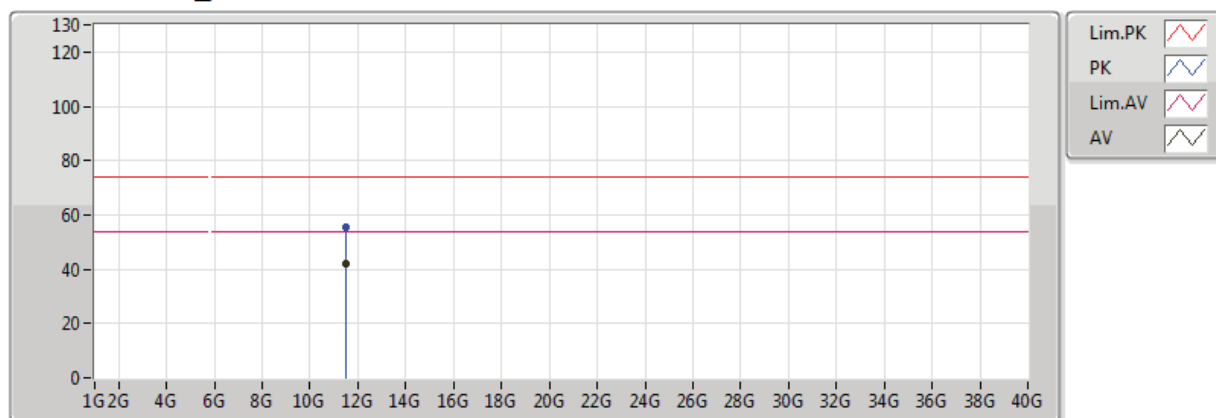


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.49496G	42.75	54.00	-11.25	16.81	3	Vertical	101	1.67	-				
PK	11.50678G	55.96	74.00	-18.04	16.80	3	Vertical	101	1.67	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5750MHz_TX

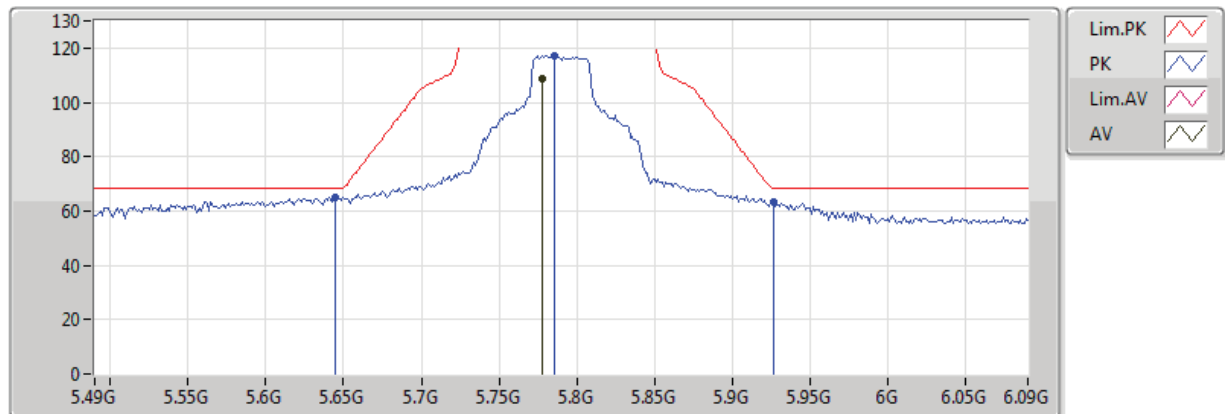


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.50132G	42.05	54.00	-11.95	16.80	3	Horizontal	309	1.37	-				
PK	11.50798G	55.67	74.00	-18.33	16.80	3	Horizontal	309	1.37	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5790MHz_TX

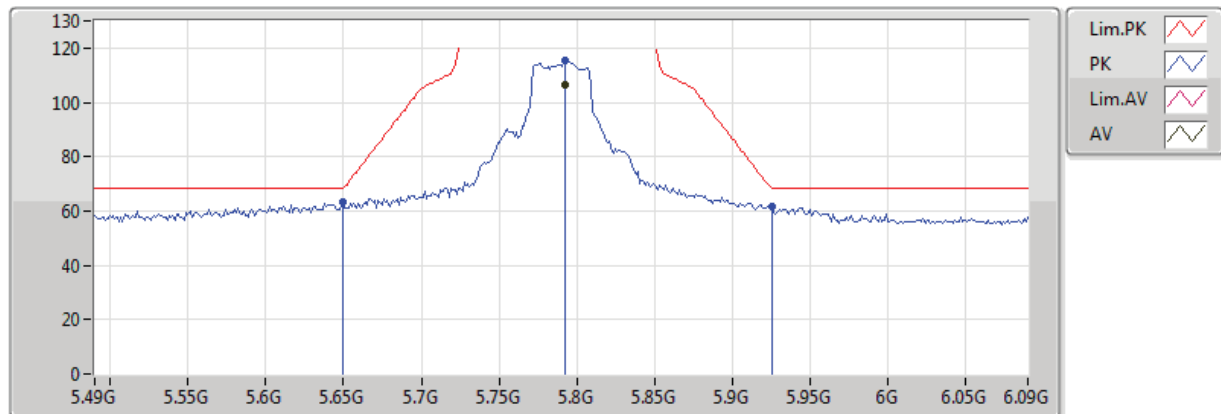


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.778G	108.51	Inf	-Inf	3.49	3	Vertical	342	1.13	-				
PK	5.6448G	65.15	68.20	-3.05	3.39	3	Vertical	342	1.13	-				
PK	5.9268G	63.34	68.20	-4.86	3.62	3	Vertical	342	1.13	-				
PK	5.7852G	117.10	Inf	-Inf	3.50	3	Vertical	342	1.13	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5790MHz_TX

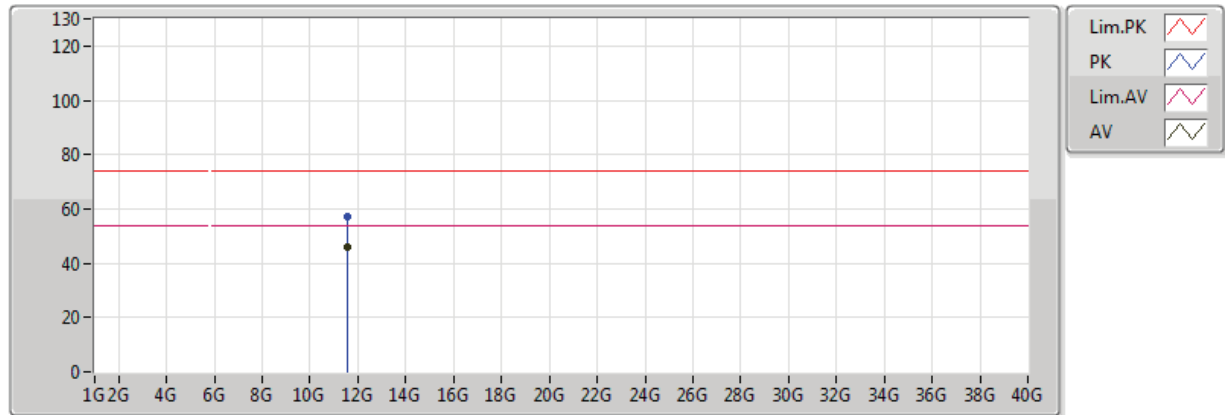


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7924G	106.68	Inf	-Inf	3.50	3	Horizontal	354	1.01	-				
PK	5.6496G	63.59	68.20	-4.61	3.39	3	Horizontal	354	1.01	-				
PK	5.9256G	61.48	68.20	-6.72	3.62	3	Horizontal	354	1.01	-				
PK	5.7924G	115.28	Inf	-Inf	3.50	3	Horizontal	354	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5790MHz_TX

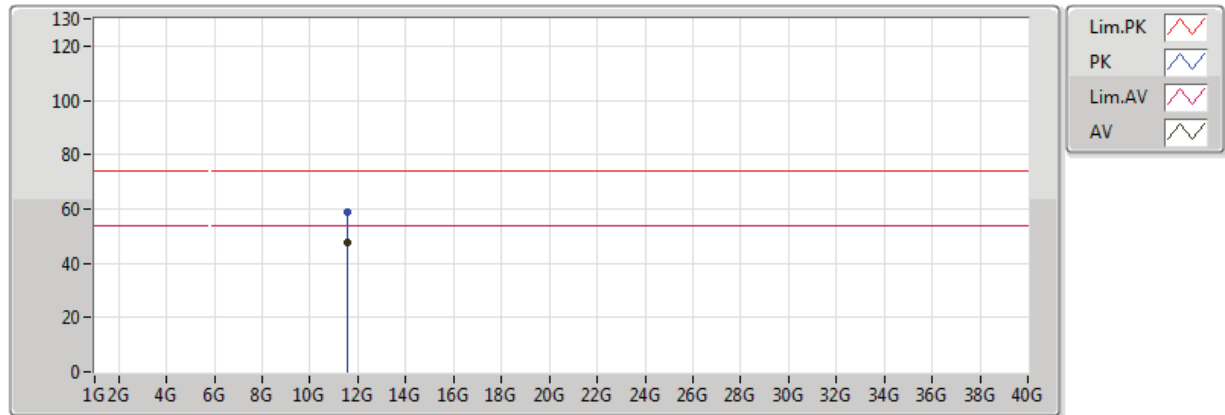


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5802G	46.17	54.00	-7.83	13.47	3	Vertical	167	3.13	-				
PK	11.5812G	57.04	74.00	-16.96	13.47	3	Vertical	167	3.13	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5790MHz_TX

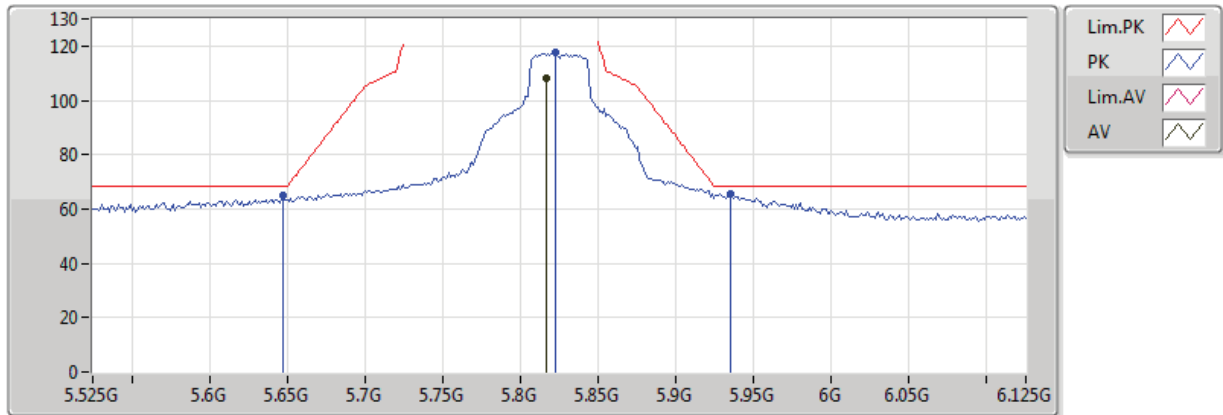


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5788G	47.69	54.00	-6.31	13.48	3	Horizontal	176	1.17	-				
PK	11.5766G	58.66	74.00	-15.34	13.48	3	Horizontal	176	1.17	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5825MHz_TX

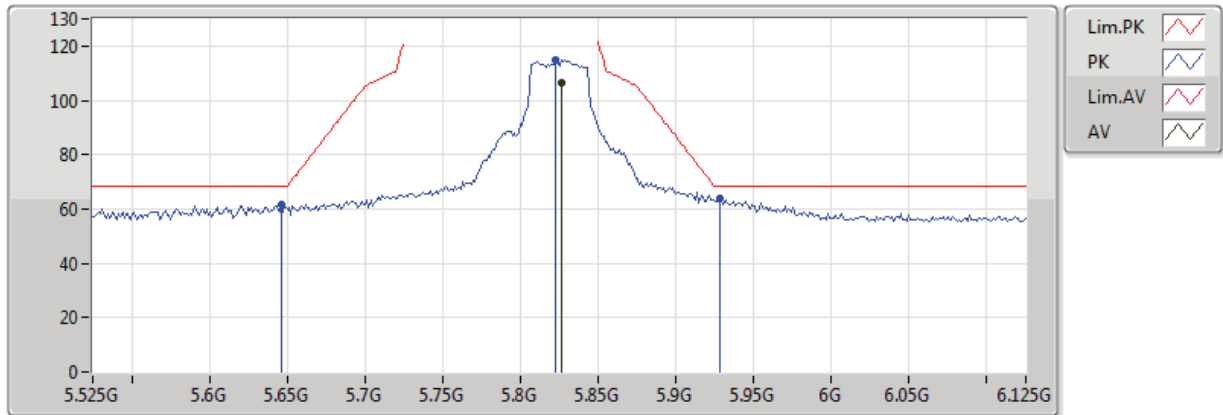


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.8166G	108.24	Inf	-Inf	3.52	3	Vertical	356	1.02	-				
PK	5.6474G	64.85	68.20	-3.35	3.39	3	Vertical	121	1.50	-				
PK	5.8226G	117.40	Inf	-Inf	3.53	3	Vertical	109	1.50	-				
PK	5.9354G	65.53	68.20	-2.67	3.63	3	Vertical	266	1.50	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5825MHz_TX

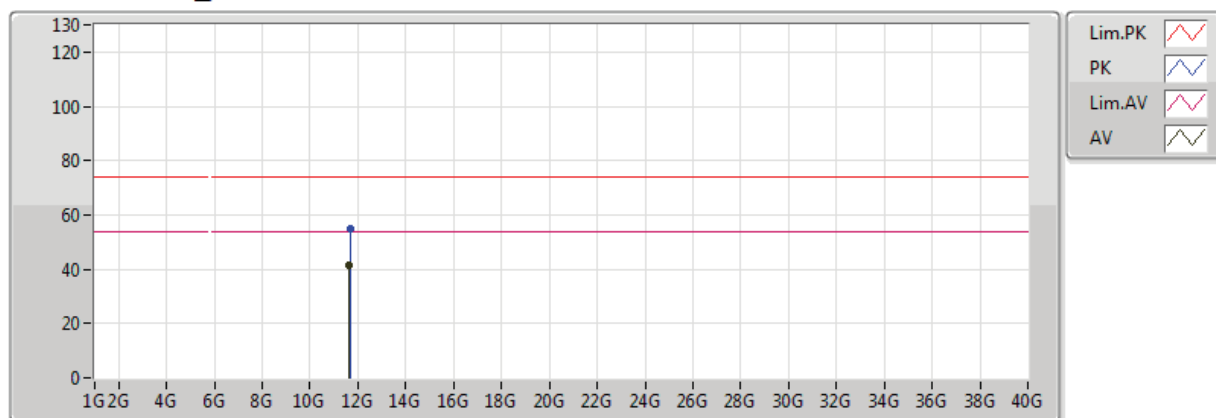


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.8262G	106.24	Inf	-Inf	3.53	3	Horizontal	359	1.01	-				
PK	5.6462G	61.42	68.20	-6.78	3.39	3	Horizontal	359	1.01	-				
PK	5.8226G	114.97	Inf	-Inf	3.53	3	Horizontal	359	1.01	-				
PK	5.9282G	63.84	68.20	-4.36	3.62	3	Horizontal	359	1.01	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5825MHz_TX

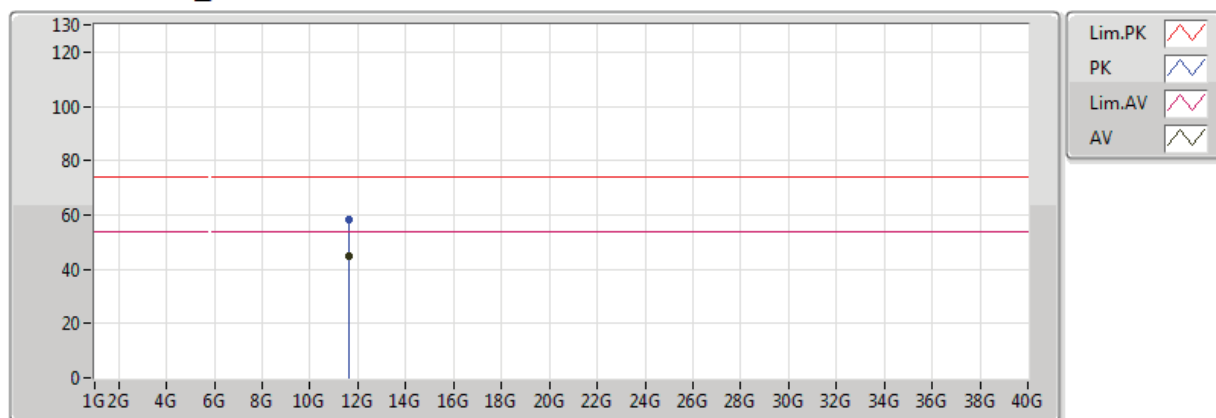


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.647G	41.58	54.00	-12.42	16.62	3	Vertical	301	1.78	-				
PK	11.65924G	54.99	74.00	-19.01	16.61	3	Vertical	301	1.78	-				

802.11ac VHT40_Nss1,(MCS0)_2TX

5825MHz_TX

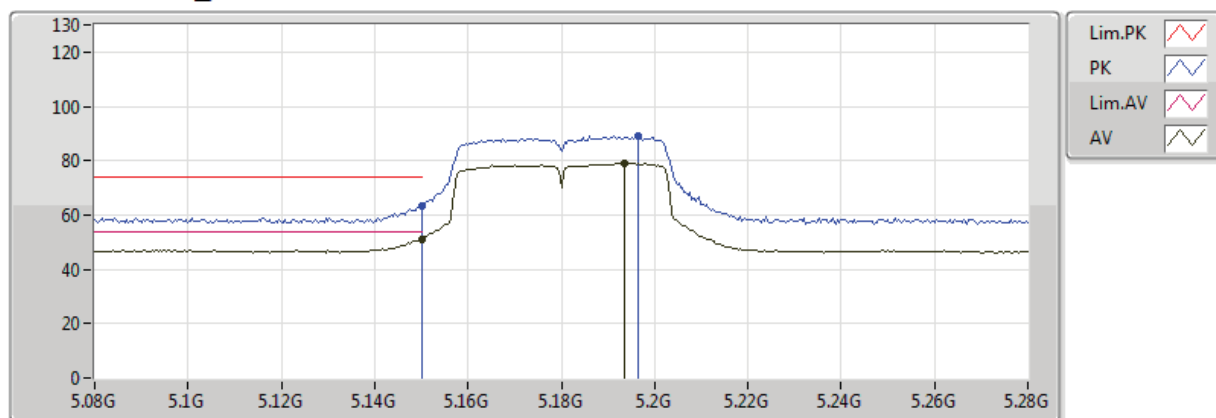


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.64622G	44.64	54.00	-9.36	16.63	3	Horizontal	62	2.43	-				
PK	11.64874G	58.30	74.00	-15.70	16.62	3	Horizontal	62	2.43	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5180MHz_TX

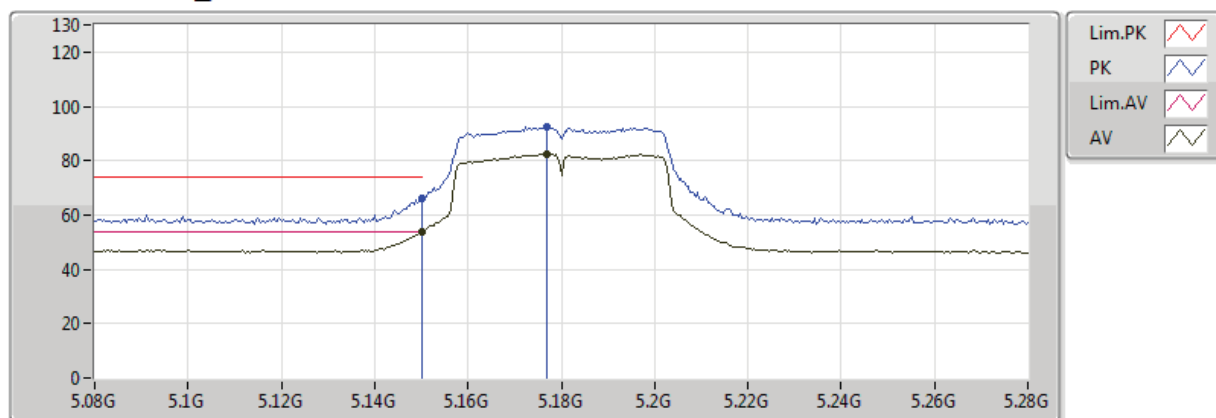


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	51.23	54.00	-2.77	7.00	3	Vertical	0	1.00	-				
AV	5.1936G	79.25	Inf	-Inf	7.02	3	Vertical	0	1.00	-				
PK	5.149995G	63.39	74.00	-10.61	7.00	3	Vertical	0	1.00	-				
PK	5.1964G	89.02	Inf	-Inf	7.02	3	Vertical	0	1.00	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5180MHz_TX

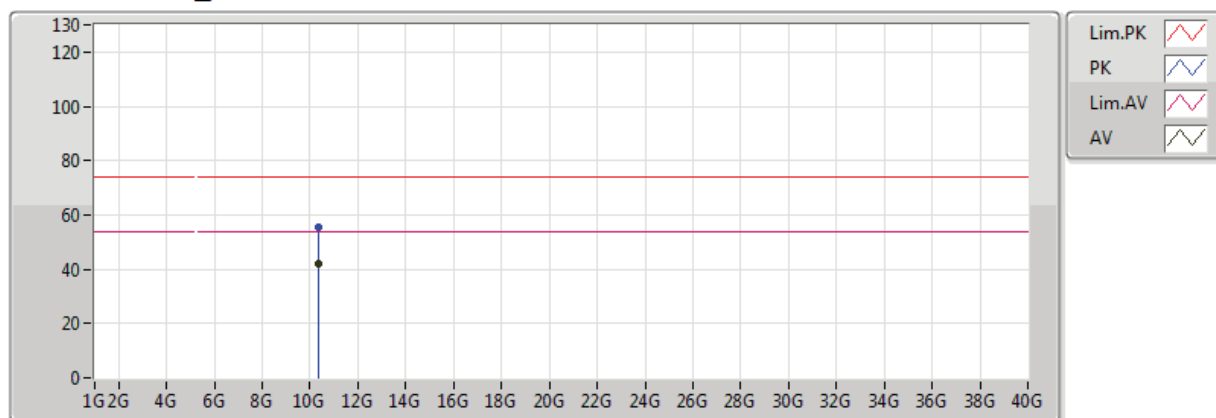


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.91	54.00	-0.09	7.00	3	Horizontal	0	1.07	-				
AV	5.1768G	82.45	Inf	-Inf	7.01	3	Horizontal	0	1.07	-				
PK	5.149995G	65.91	74.00	-8.09	7.00	3	Horizontal	0	1.07	-				
PK	5.1768G	92.34	Inf	-Inf	7.01	3	Horizontal	0	1.07	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5180MHz_TX

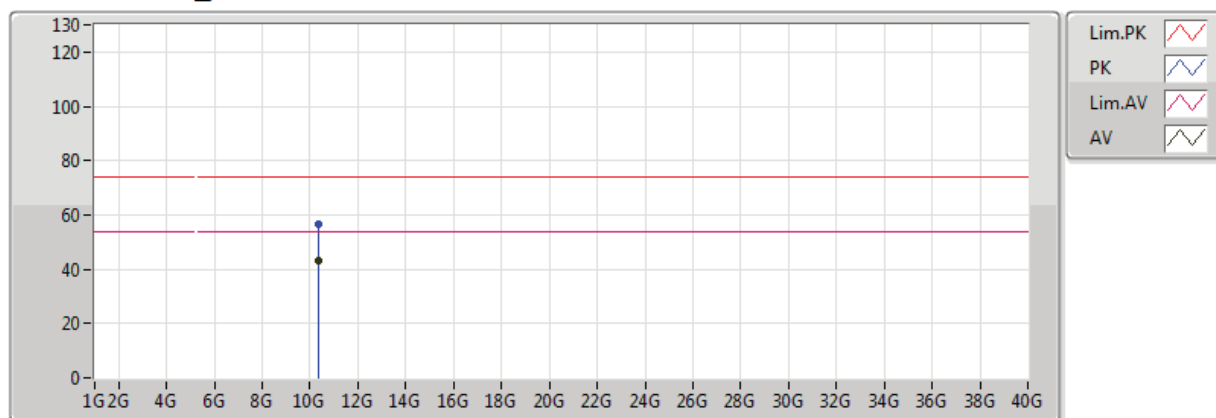


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.36378G	42.19	54.00	-11.81	16.28	3	Vertical	9	1.98	-				
PK	10.37476G	55.58	74.00	-18.42	16.30	3	Vertical	9	1.98	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5180MHz_TX

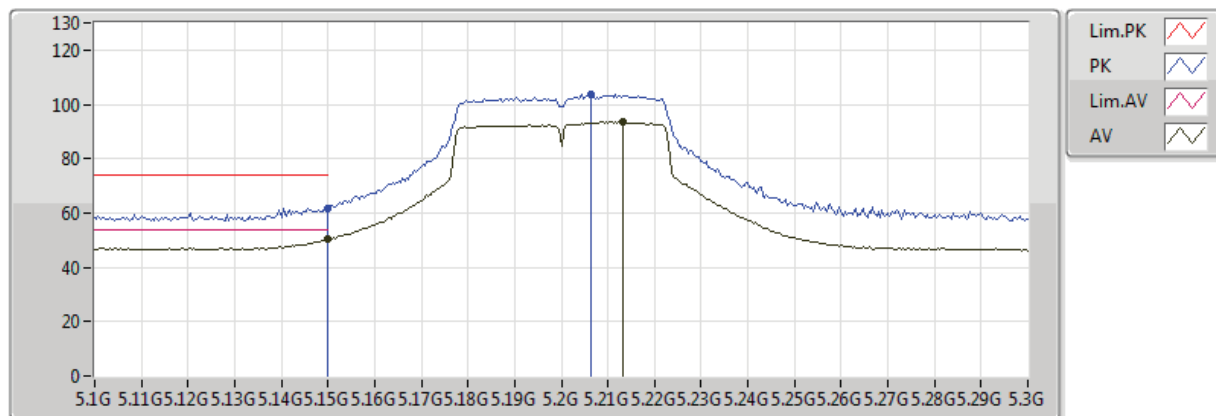


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.37356G	43.29	54.00	-10.71	16.30	3	Horizontal	21	1.26	-				
PK	10.37248G	56.55	74.00	-17.45	16.29	3	Horizontal	21	1.26	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5200MHz_TX

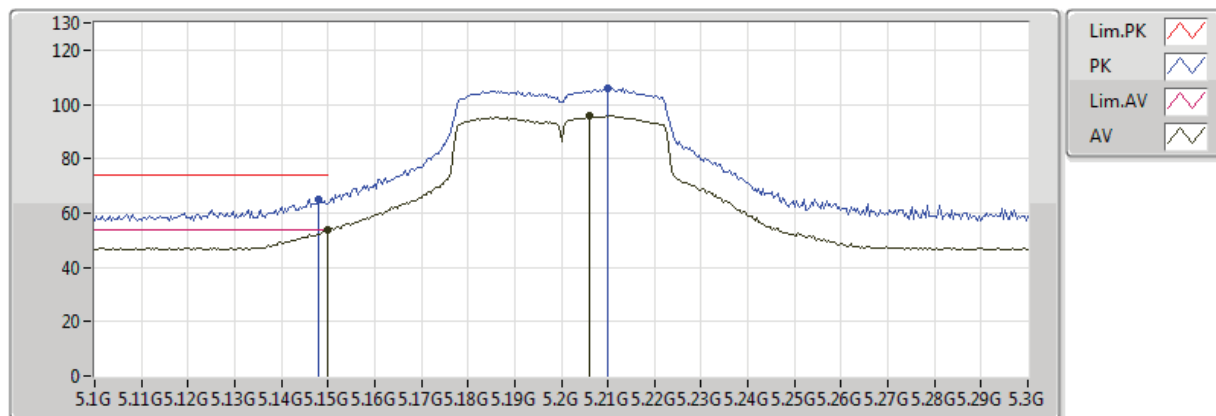


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	50.39	54.00	-3.61	7.00	3	Vertical	0	1.18	-				
AV	5.2132G	93.49	Inf	-Inf	7.03	3	Vertical	0	1.18	-				
PK	5.149995G	61.87	74.00	-12.13	7.00	3	Vertical	0	1.18	-				
PK	5.2064G	103.88	Inf	-Inf	7.03	3	Vertical	0	1.18	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5200MHz_TX

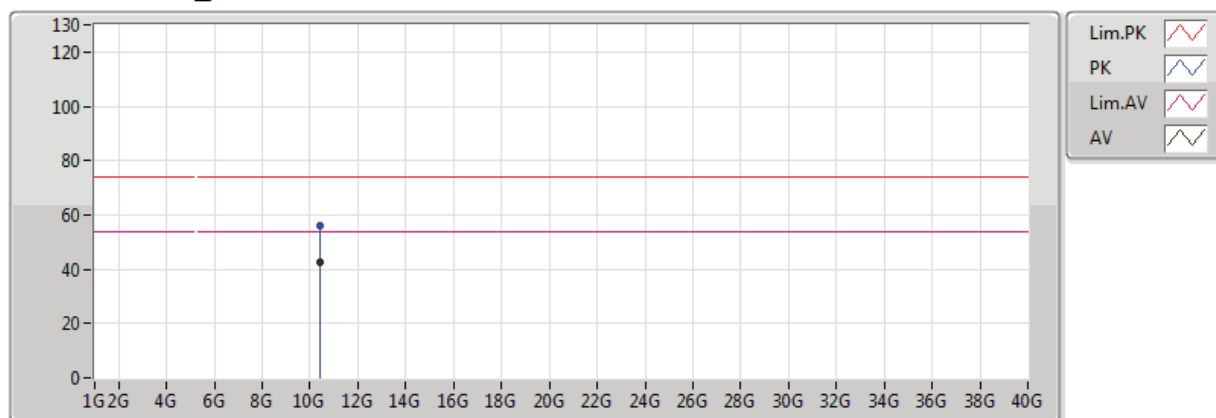


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.57	54.00	-0.43	7.00	3	Horizontal	0	1.00	-				
AV	5.206G	95.66	Inf	-Inf	7.03	3	Horizontal	0	1.00	-				
PK	5.148G	65.03	74.00	-8.97	7.00	3	Horizontal	0	1.00	-				
PK	5.21G	105.70	Inf	-Inf	7.03	3	Horizontal	0	1.00	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5200MHz_TX

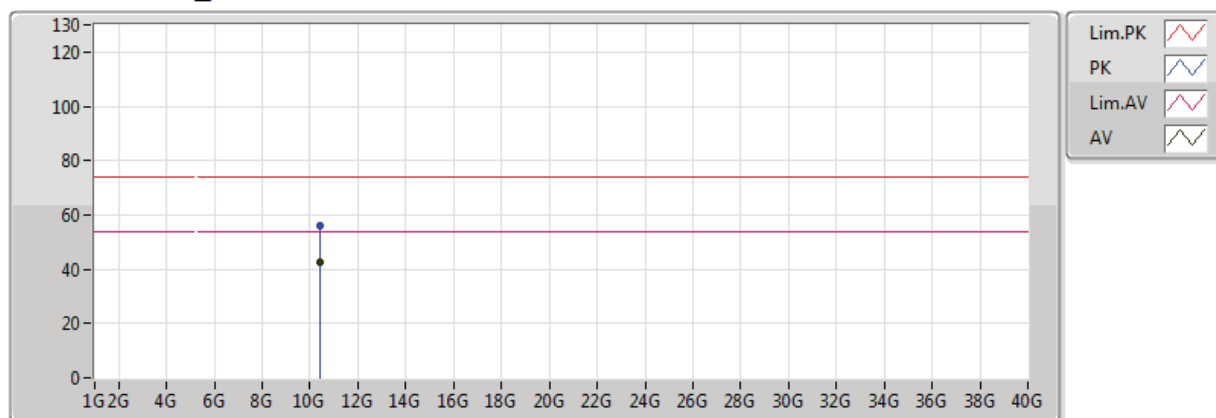


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.39202G	42.56	54.00	-11.44	16.33	3	Vertical	234	2.30	-				
PK	10.39634G	55.93	74.00	-18.07	16.33	3	Vertical	234	2.30	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5200MHz_TX

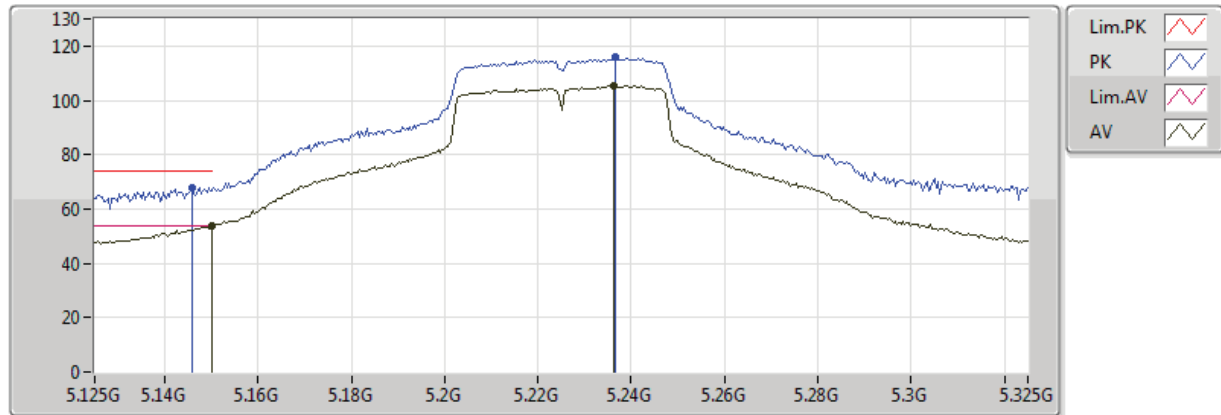


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40294G	42.38	54.00	-11.62	16.34	3	Horizontal	302	2.42	-				
PK	10.4036G	56.16	74.00	-17.84	16.35	3	Horizontal	302	2.42	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5225MHz_TX

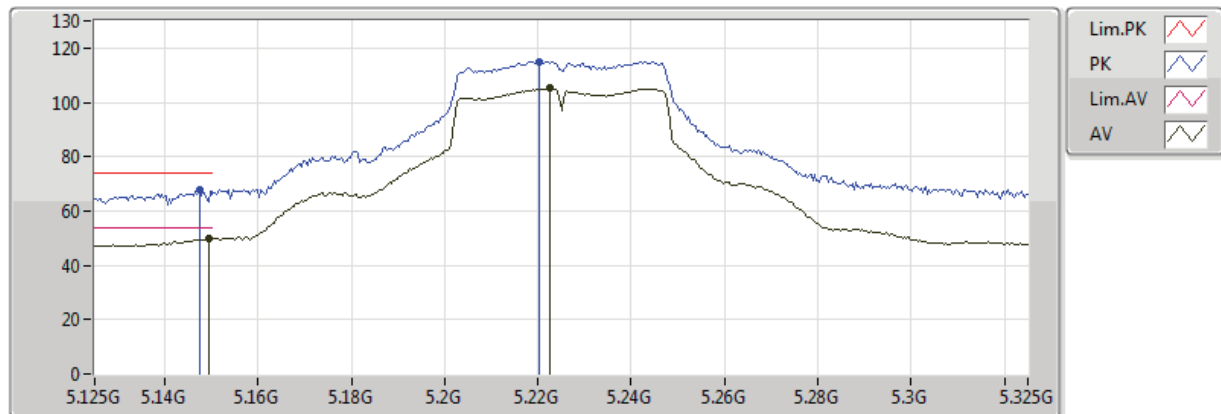


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.69	54.00	-0.31	7.00	3	Vertical	1	1.00	-				
AV	5.2362G	105.40	Inf	-Inf	7.04	3	Vertical	1	1.00	-				
PK	5.1458G	67.97	74.00	-6.03	6.99	3	Vertical	1	1.00	-				
PK	5.2366G	115.82	Inf	-Inf	7.04	3	Vertical	1	1.00	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5225MHz_TX

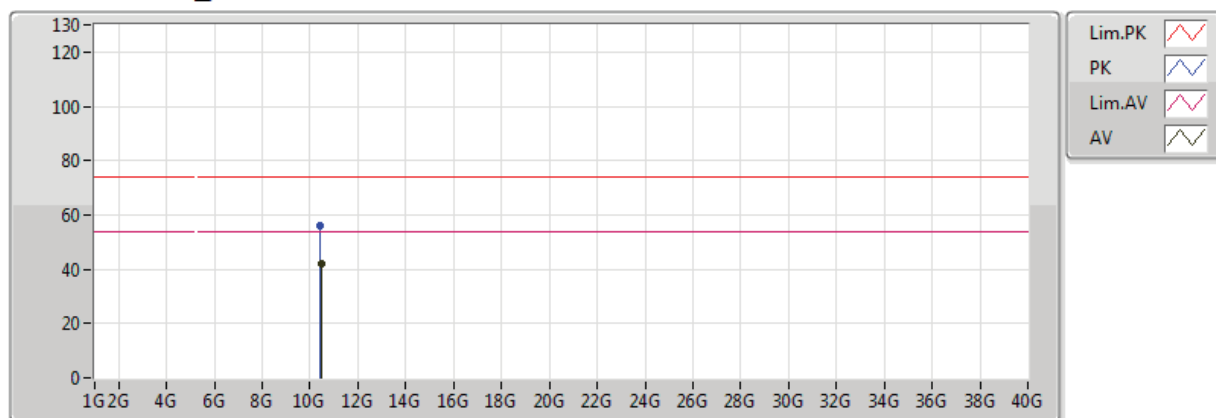


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.1494G	49.80	54.00	-4.20	7.00	3	Horizontal	0	1.17	-				
AV	5.2226G	105.10	Inf	-Inf	7.04	3	Horizontal	0	1.17	-				
PK	5.1474G	67.67	74.00	-6.33	7.00	3	Horizontal	0	1.17	-				
PK	5.2202G	115.02	Inf	-Inf	7.04	3	Horizontal	0	1.17	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5225MHz_TX

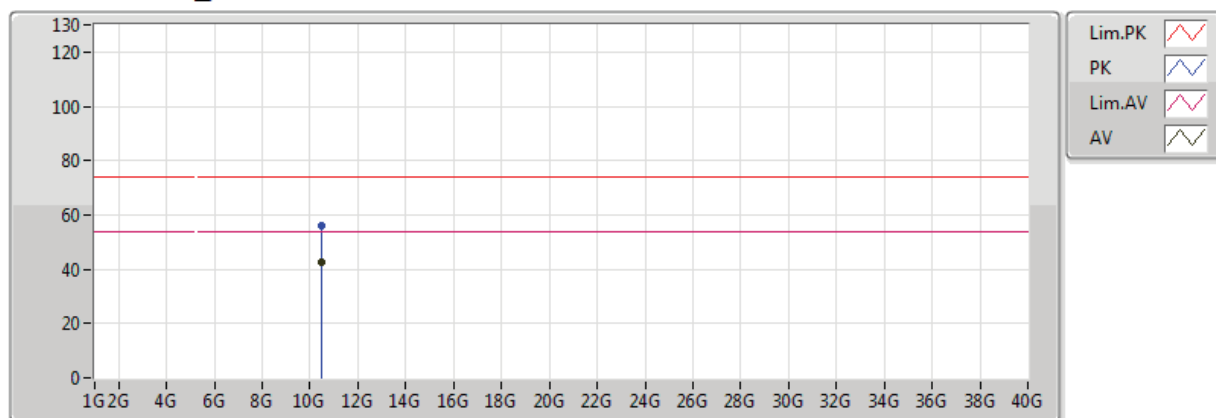


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.4482G	42.29	54.00	-11.71	16.42	3	Vertical	5	1.25	-				
PK	10.43854G	55.92	74.00	-18.08	16.40	3	Vertical	5	1.25	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5225MHz_TX

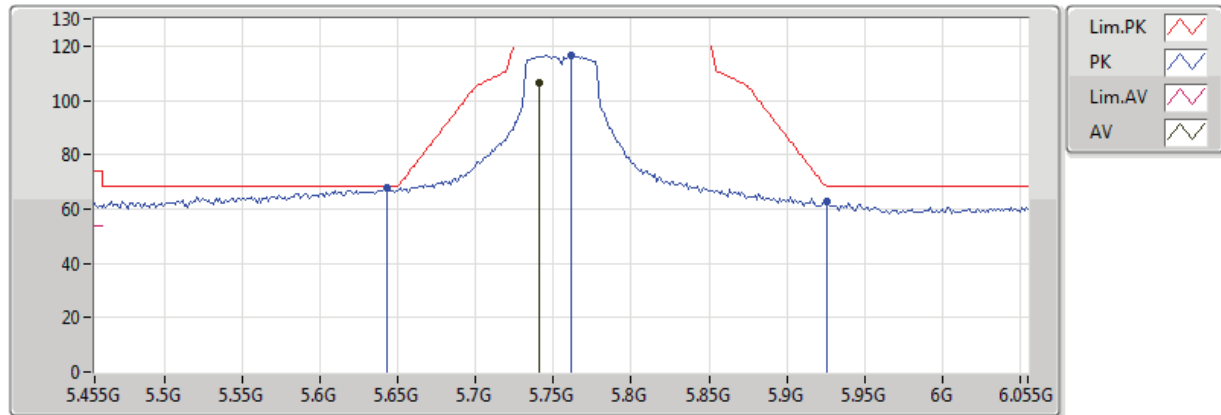


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.44928G	42.49	54.00	-11.51	16.42	3	Horizontal	207	1.77	-				
PK	10.4512G	55.87	74.00	-18.13	16.42	3	Horizontal	207	1.77	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5755MHz_TX

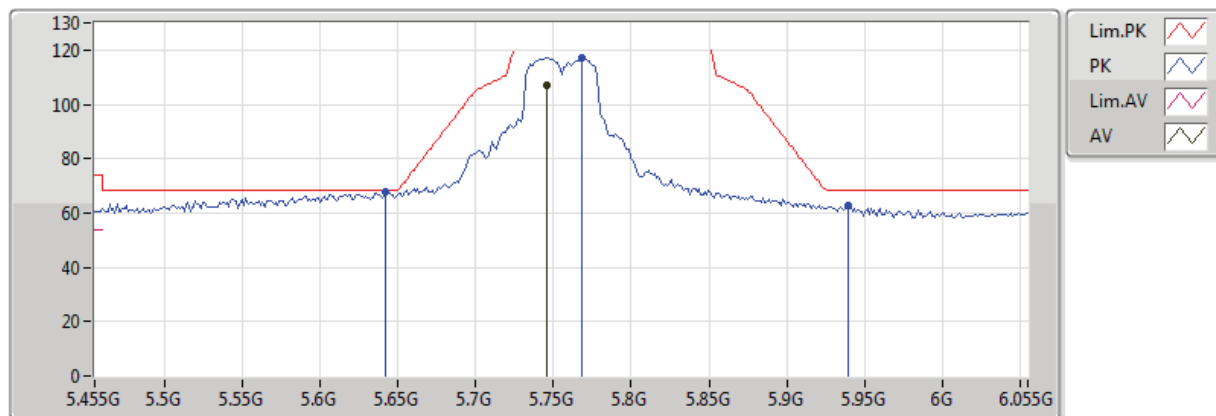


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7406G	106.39	Inf	-Inf	7.62	3	Vertical	0	1.05	-				
PK	5.6434G	67.55	68.20	-0.65	7.44	3	Vertical	0	1.05	-				
PK	5.761G	116.82	Inf	-Inf	7.66	3	Vertical	0	1.05	-				
PK	5.9254G	62.60	68.20	-5.60	7.96	3	Vertical	0	1.05	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5755MHz_TX

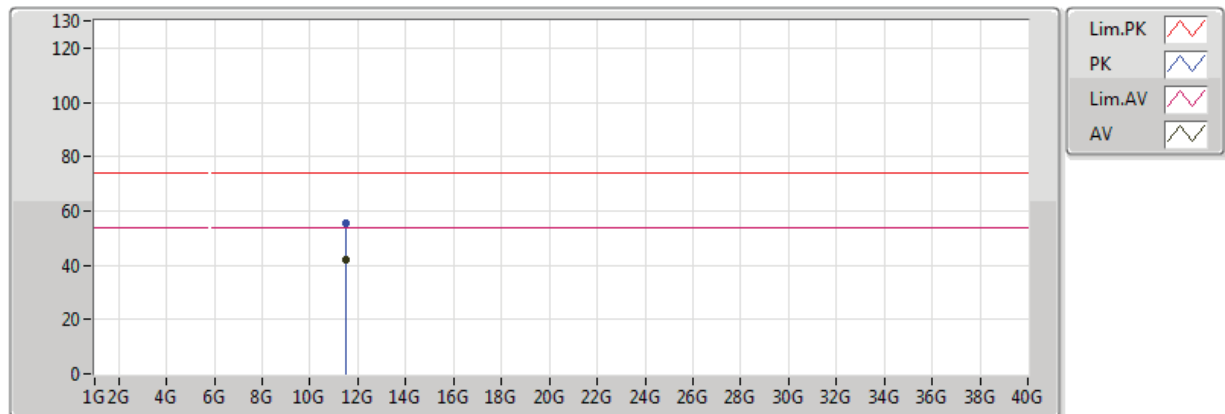


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7454G	107.14	Inf	-Inf	7.63	3	Horizontal	3	1.01	-				
PK	5.6422G	67.75	68.20	-0.45	7.44	3	Horizontal	3	1.01	-				
PK	5.7682G	117.13	Inf	-Inf	7.67	3	Horizontal	3	1.01	-				
PK	5.9398G	62.93	68.20	-5.27	7.99	3	Horizontal	3	1.01	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5755MHz_TX

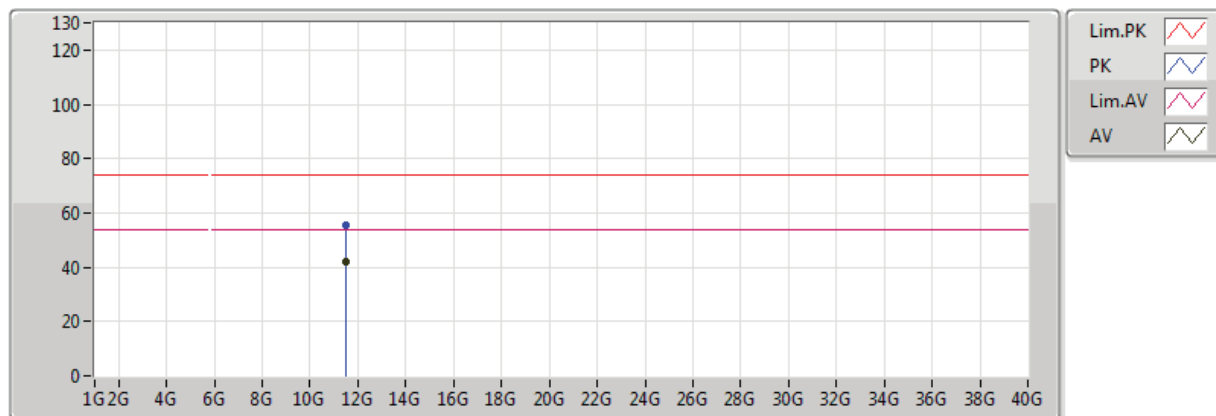


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.50676G	41.98	54.00	-12.02	16.80	3	Vertical	261	1.39	-				
PK	11.4986G	55.44	74.00	-18.56	16.81	3	Vertical	261	1.39	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5755MHz_TX

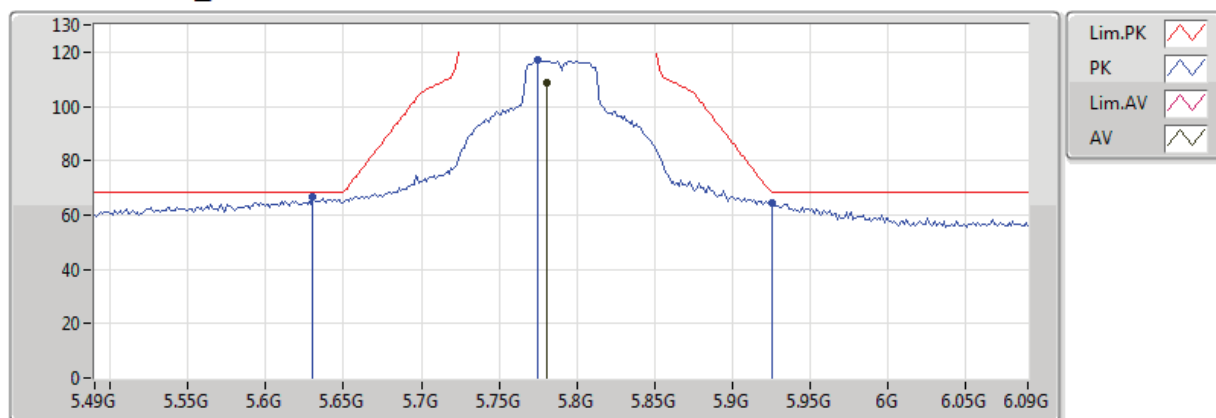


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.51228G	41.97	54.00	-12.03	16.79	3	Horizontal	104	2.31	-				
PK	11.50784G	55.57	74.00	-18.43	16.80	3	Horizontal	104	2.31	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5790MHz_TX

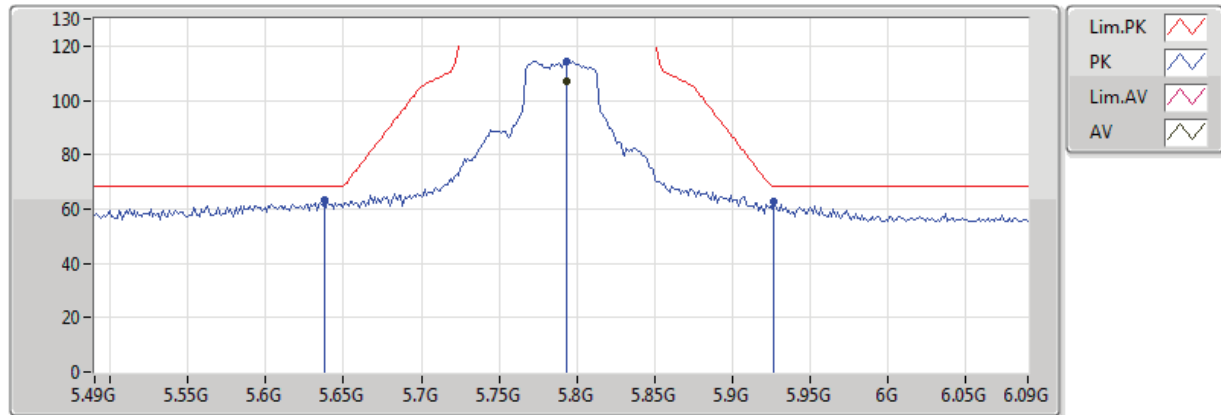


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7804G	108.86	Inf	-Inf	3.50	3	Vertical	354	1.01	-				
PK	5.6304G	66.42	68.20	-1.78	3.38	3	Vertical	354	1.01	-				
PK	5.9256G	64.47	68.20	-3.73	3.62	3	Vertical	354	1.01	-				
PK	5.7744G	117.08	Inf	-Inf	3.49	3	Vertical	354	1.01	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5790MHz_TX

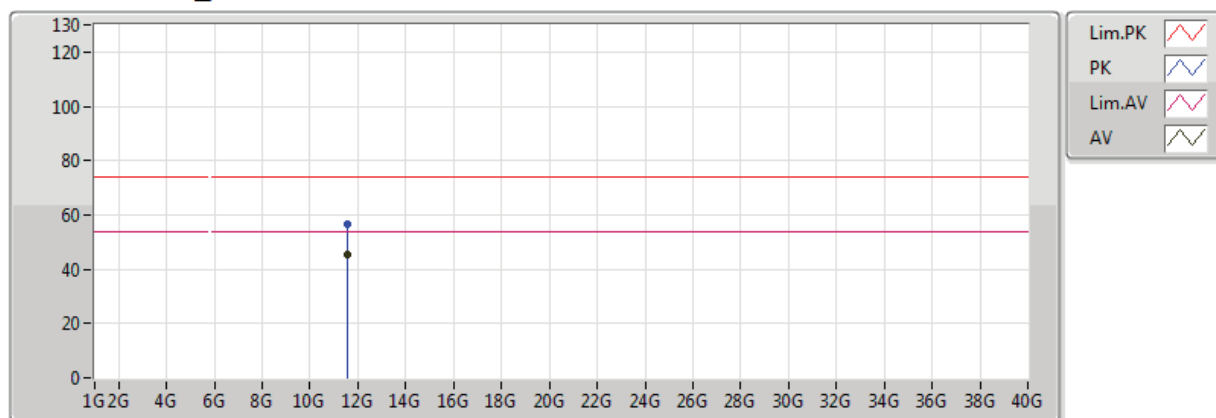


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7936G	106.90	Inf	-Inf	3.51	3	Horizontal	357	1.00	-				
PK	5.6376G	63.10	68.20	-5.10	3.38	3	Horizontal	357	1.00	-				
PK	5.9268G	62.72	68.20	-5.48	3.62	3	Horizontal	357	1.00	-				
PK	5.7936G	114.47	Inf	-Inf	3.51	3	Horizontal	357	1.00	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5790MHz_TX

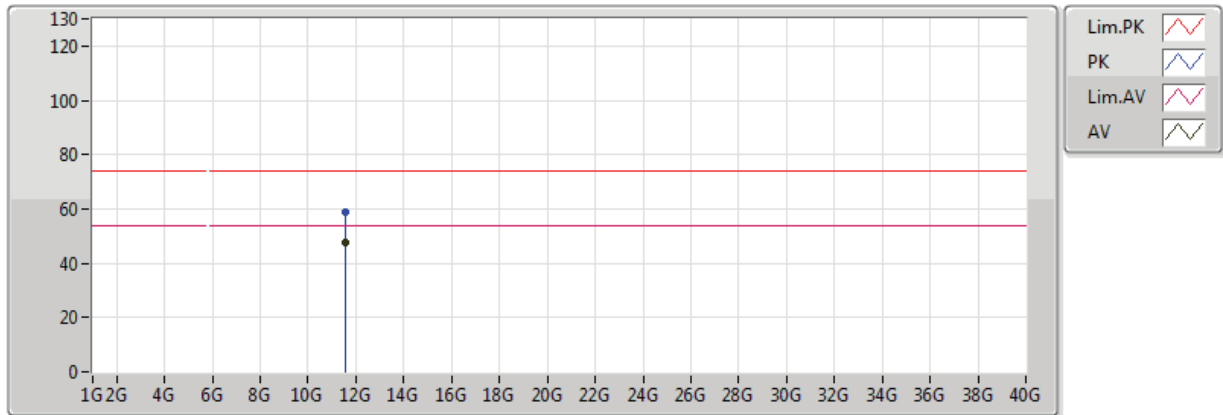


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5816G	45.61	54.00	-8.39	13.47	3	Vertical	166	2.76	-				
PK	11.58592G	56.36	74.00	-17.64	13.46	3	Vertical	166	2.76	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5790MHz_TX

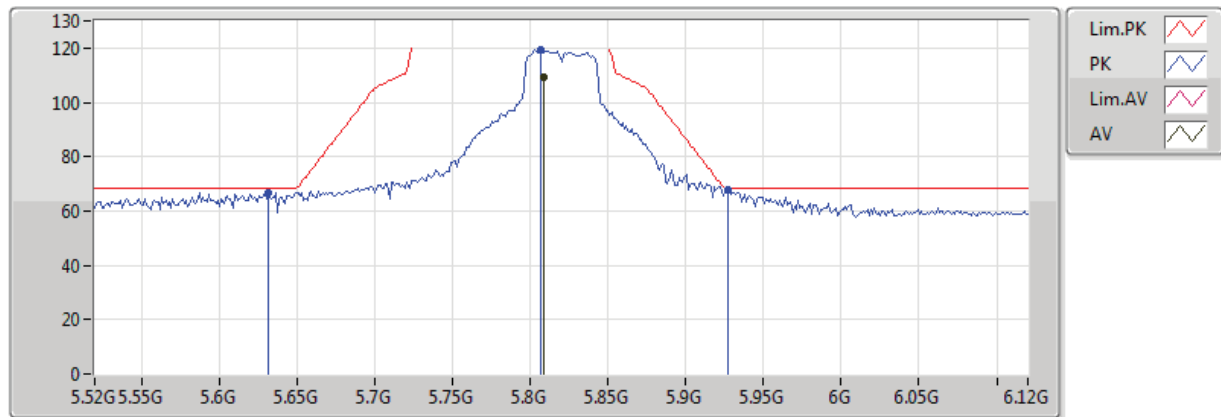


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.57856G	47.36	54.00	-6.64	13.48	3	Horizontal	175	1.12	-				
PK	11.57584G	58.63	74.00	-15.37	13.48	3	Horizontal	175	1.12	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5820MHz_TX

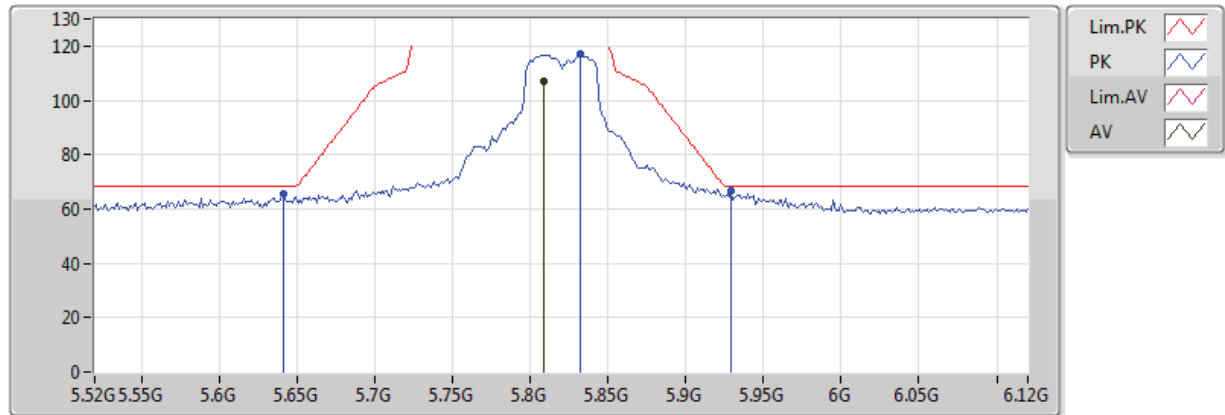


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8092G	109.29	Inf	-Inf	7.75	3	Vertical	0	1.01	-				
PK	5.6316G	66.87	68.20	-1.33	7.42	3	Vertical	0	1.01	-				
PK	5.8068G	119.52	Inf	-Inf	7.75	3	Vertical	0	1.01	-				
PK	5.9268G	67.86	68.20	-0.34	7.97	3	Vertical	0	1.01	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5820MHz_TX

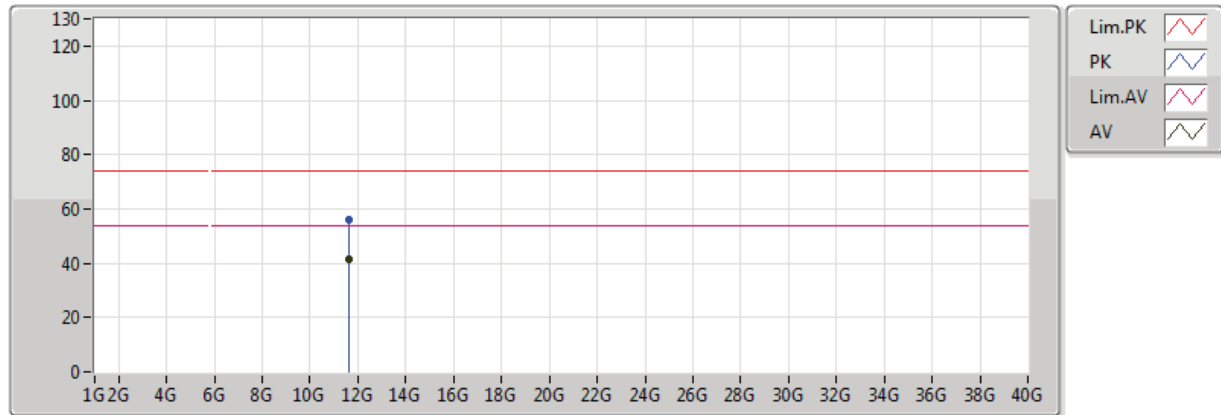


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8092G	107.10	Inf	-Inf	7.75	3	Horizontal	4	1.04	-				
PK	5.6412G	65.32	68.20	-2.88	7.44	3	Horizontal	4	1.04	-				
PK	5.832G	116.88	Inf	-Inf	7.79	3	Horizontal	4	1.04	-				
PK	5.9292G	66.56	68.20	-1.64	7.97	3	Horizontal	4	1.04	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5820MHz_TX

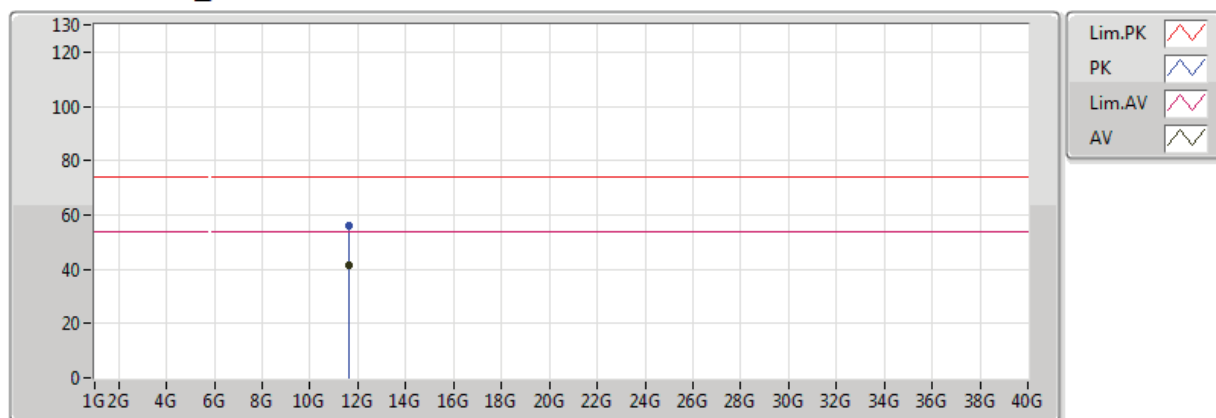


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.64162G	41.60	54.00	-12.40	16.63	3	Vertical	218	2.47	-				
PK	11.6379G	55.85	74.00	-18.15	16.64	3	Vertical	218	2.47	-				

802.11ac VHT50_Nss1,(MCS0)_2TX

5820MHz_TX

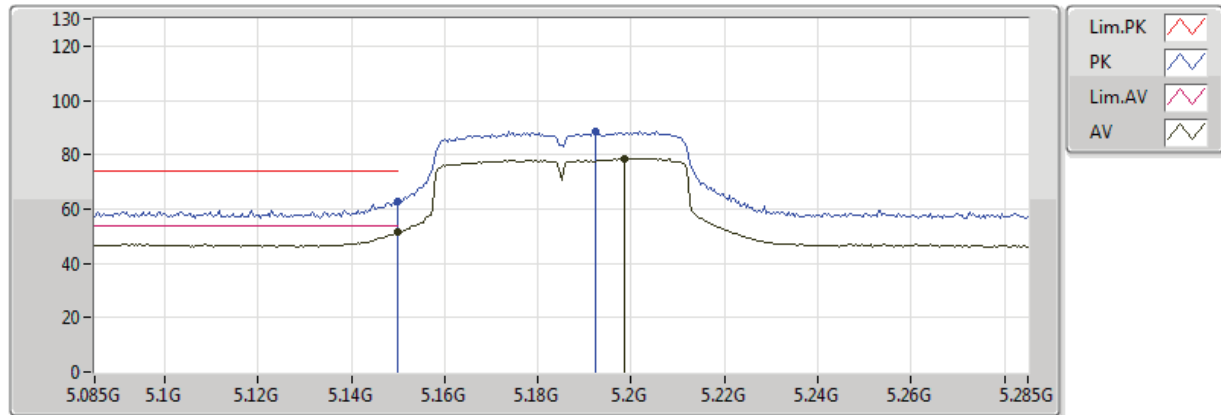


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.65314G	41.34	54.00	-12.66	16.62	3	Horizontal	294	1.88	-				
PK	11.64156G	56.09	74.00	-17.91	16.63	3	Horizontal	294	1.88	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5185MHz_TX

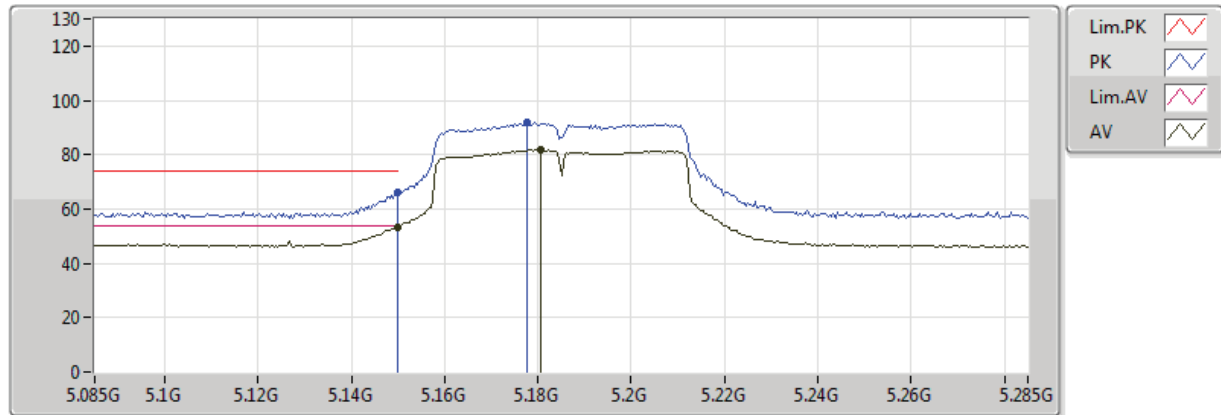


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	51.28	54.00	-2.72	7.00	3	Vertical	0	1.01	-				
AV	5.1986G	78.53	Inf	-Inf	7.03	3	Vertical	0	1.01	-				
PK	5.149995G	62.60	74.00	-11.40	7.00	3	Vertical	0	1.01	-				
PK	5.1922G	88.44	Inf	-Inf	7.02	3	Vertical	0	1.01	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5185MHz_TX

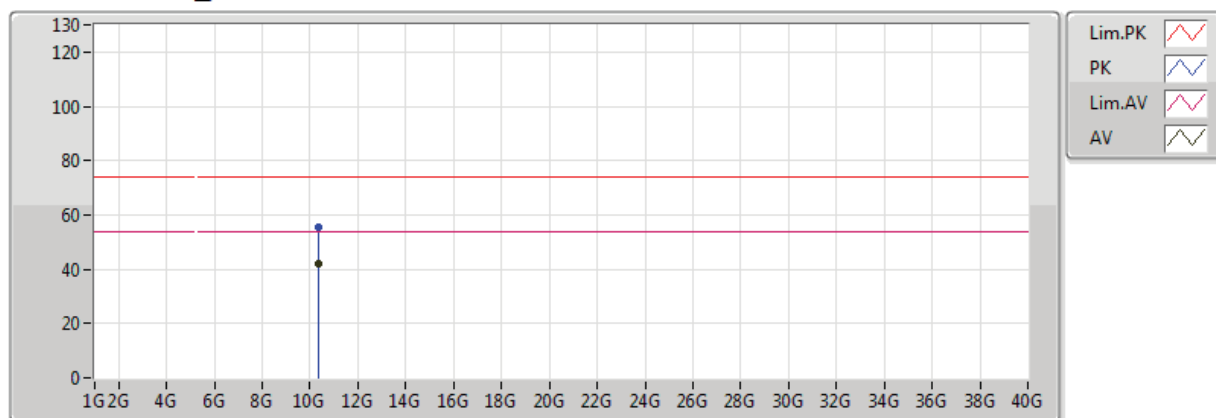


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	53.30	54.00	-0.70	7.00	3	Horizontal	0	1.04	-				
AV	5.1806G	81.78	Inf	-Inf	7.01	3	Horizontal	0	1.04	-				
PK	5.149995G	66.04	74.00	-7.96	7.00	3	Horizontal	0	1.04	-				
PK	5.1778G	91.67	Inf	-Inf	7.01	3	Horizontal	0	1.04	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5185MHz_TX

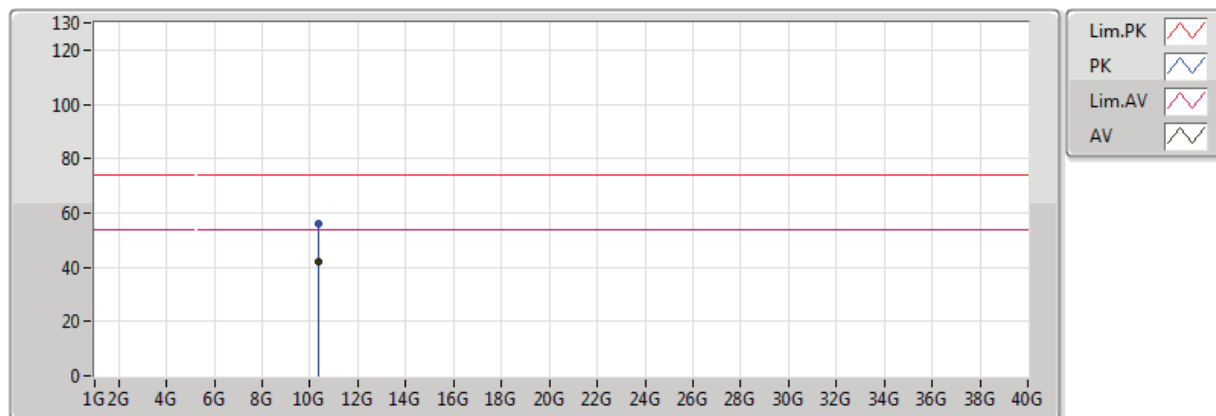


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.3817G	42.23	54.00	-11.77	16.31	3	Vertical	334	2.22	-				
PK	10.3814G	55.64	74.00	-18.36	16.31	3	Vertical	334	2.22	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5185MHz_TX

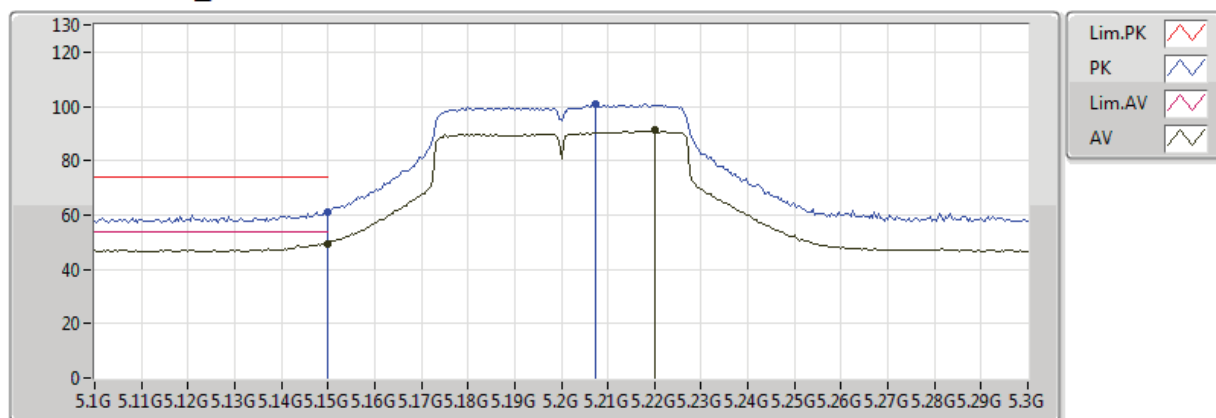


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.38368G	42.25	54.00	-11.75	16.31	3	Horizontal	310	1.85	-				
PK	10.38206G	55.80	74.00	-18.20	16.31	3	Horizontal	310	1.85	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5200MHz_TX

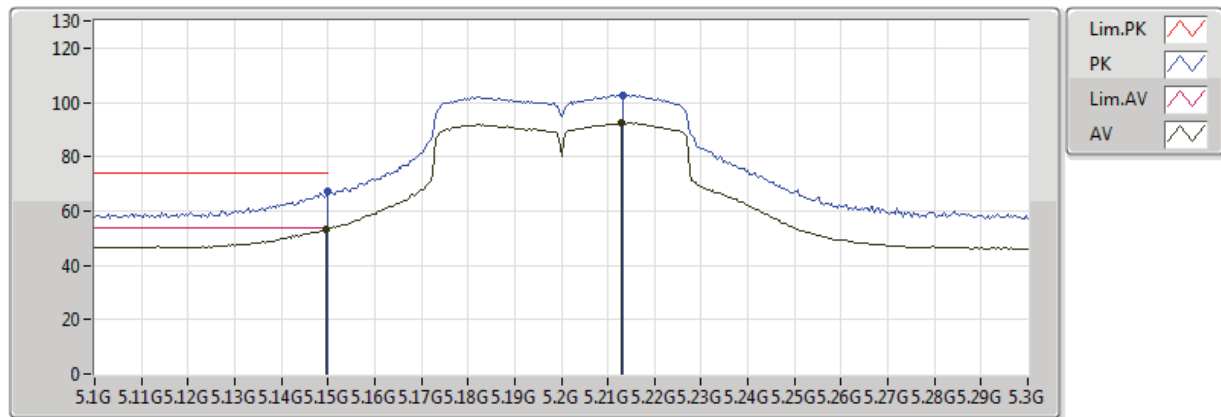


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.149995G	49.41	54.00	-4.59	7.00	3	Vertical	0	1.11	-				
AV	5.22G	91.30	Inf	-Inf	7.04	3	Vertical	0	1.11	-				
PK	5.149995G	61.23	74.00	-12.77	7.00	3	Vertical	0	1.11	-				
PK	5.2072G	100.93	Inf	-Inf	7.03	3	Vertical	0	1.11	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5200MHz_TX

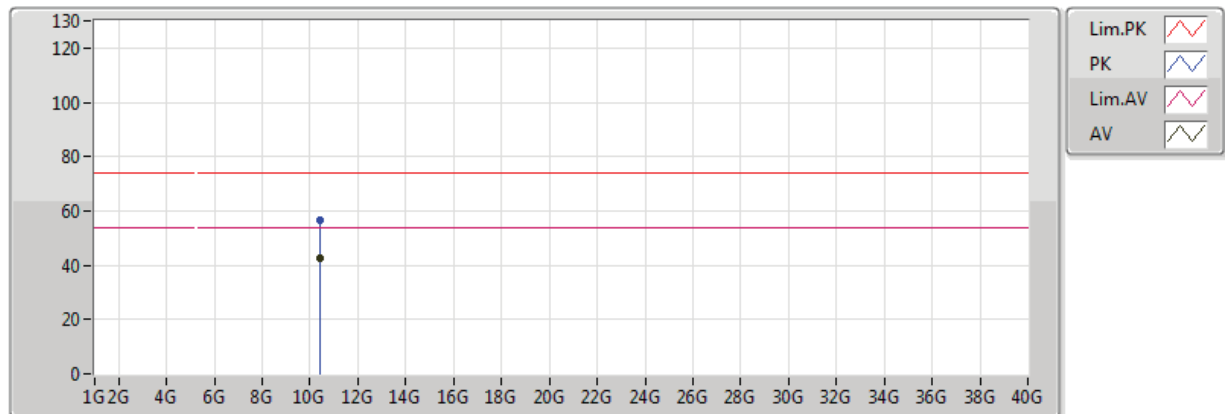


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1496G	53.42	54.00	-0.58	7.00	3	Horizontal	1	1.07	-				
AV	5.2128G	92.44	Inf	-Inf	7.03	3	Horizontal	1	1.07	-				
PK	5.149995G	67.00	74.00	-7.00	7.00	3	Horizontal	1	1.07	-				
PK	5.2132G	102.64	Inf	-Inf	7.03	3	Horizontal	1	1.07	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5200MHz_TX

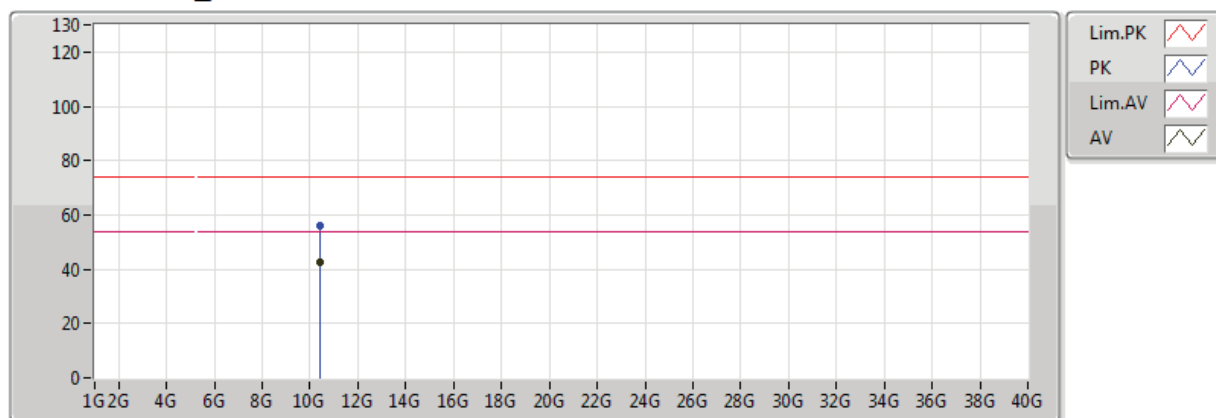


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.39208G	42.45	54.00	-11.55	16.33	3	Vertical	356	2.17	-				
PK	10.39832G	56.44	74.00	-17.56	16.34	3	Vertical	356	2.17	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5200MHz_TX

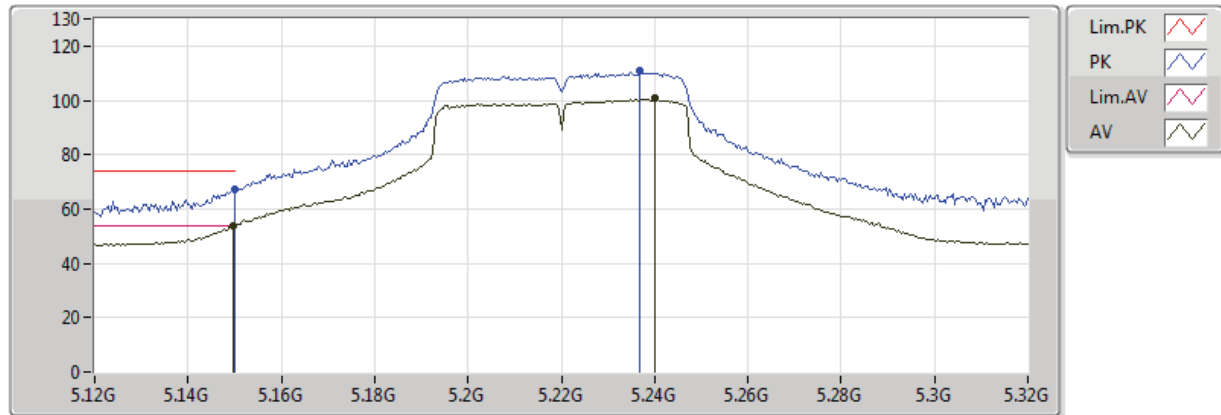


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.40936G	42.38	54.00	-11.62	16.36	3	Horizontal	224	1.13	-				
PK	10.3979G	55.94	74.00	-18.06	16.34	3	Horizontal	224	1.13	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5220MHz_TX

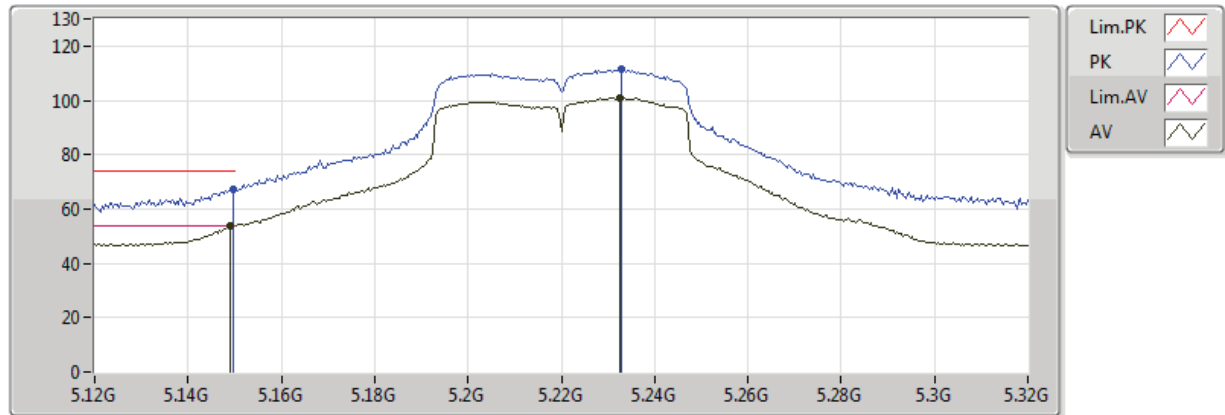


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1496G	53.90	54.00	-0.10	7.00	3	Vertical	0	1.01	-				
AV	5.24G	100.64	Inf	-Inf	7.05	3	Vertical	0	1.01	-				
PK	5.149995G	67.27	74.00	-6.73	7.00	3	Vertical	0	1.01	-				
PK	5.2368G	110.77	Inf	-Inf	7.04	3	Vertical	0	1.01	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5220MHz_TX

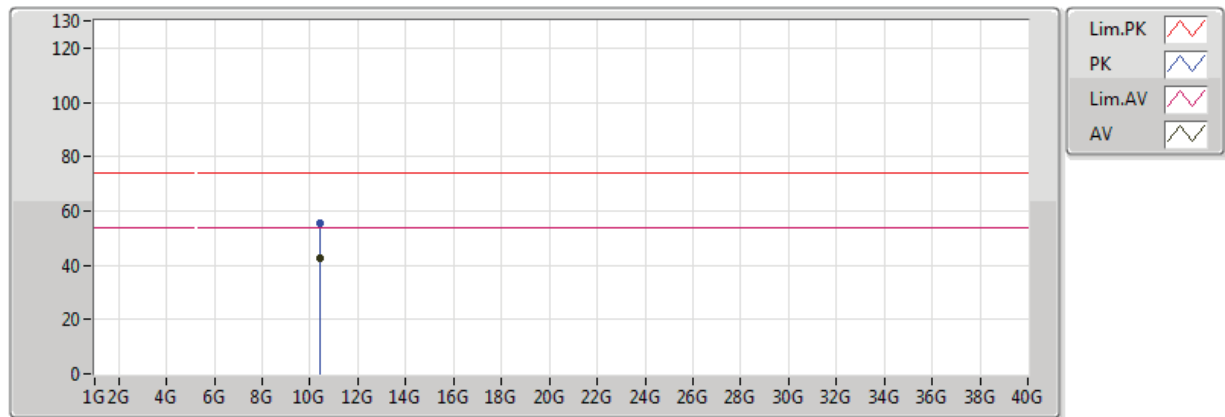


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.1492G	53.74	54.00	-0.26	7.00	3	Horizontal	0	1.04	-				
AV	5.2324G	100.94	Inf	-Inf	7.04	3	Horizontal	0	1.04	-				
PK	5.1496G	67.11	74.00	-6.89	7.00	3	Horizontal	0	1.04	-				
PK	5.2328G	111.45	Inf	-Inf	7.04	3	Horizontal	0	1.04	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5220MHz_TX

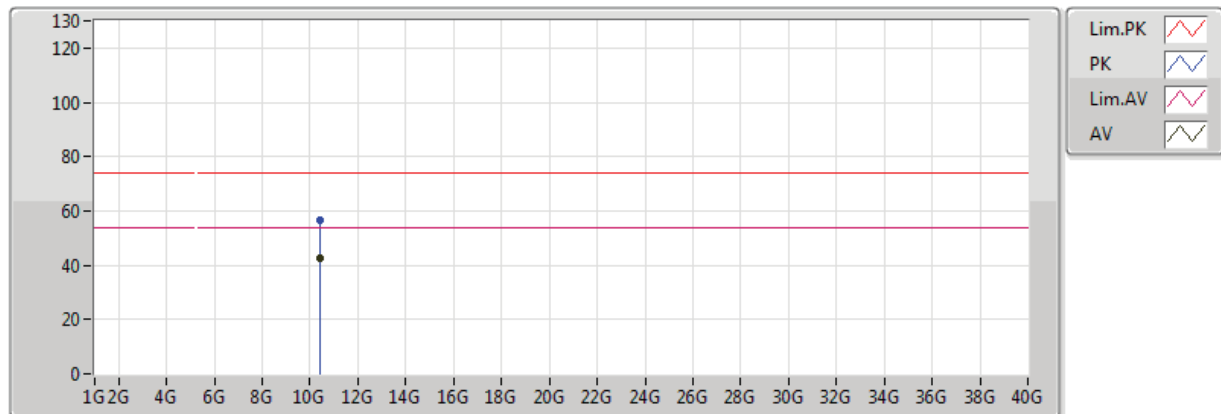


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
AV	10.43982G	42.38	54.00	-11.62	16.41	3	Vertical	253	2.48	-
PK	10.43238G	55.73	74.00	-18.27	16.39	3	Vertical	253	2.48	-

802.11ac VHT60_Nss1,(MCS0)_2TX

5220MHz_TX

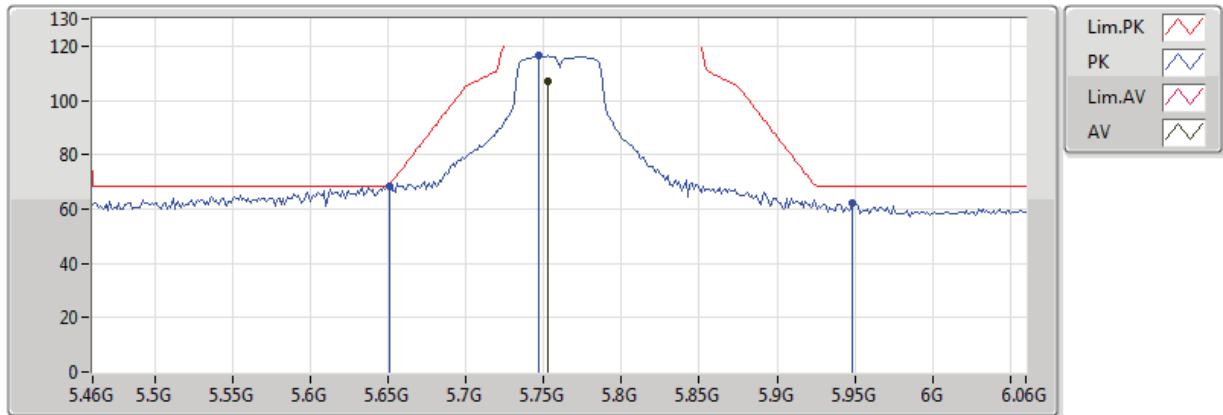


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.43832G	42.35	54.00	-11.65	16.40	3	Horizontal	208	1.58	-				
PK	10.43982G	56.56	74.00	-17.44	16.41	3	Horizontal	208	1.58	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5760MHz_TX

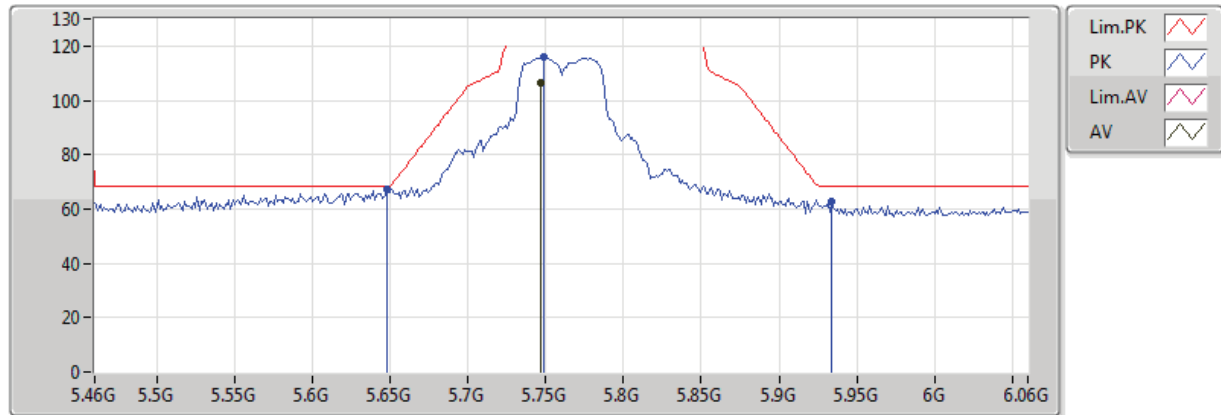


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7528G	107.16	Inf	-Inf	7.65	3	Vertical	0	1.01	-				
PK	5.6508G	68.27	68.79	-0.53	7.45	3	Vertical	0	1.01	-				
PK	5.7468G	116.74	Inf	-Inf	7.63	3	Vertical	0	1.01	-				
PK	5.9484G	61.98	68.20	-6.22	8.01	3	Vertical	0	1.01	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5760MHz_TX

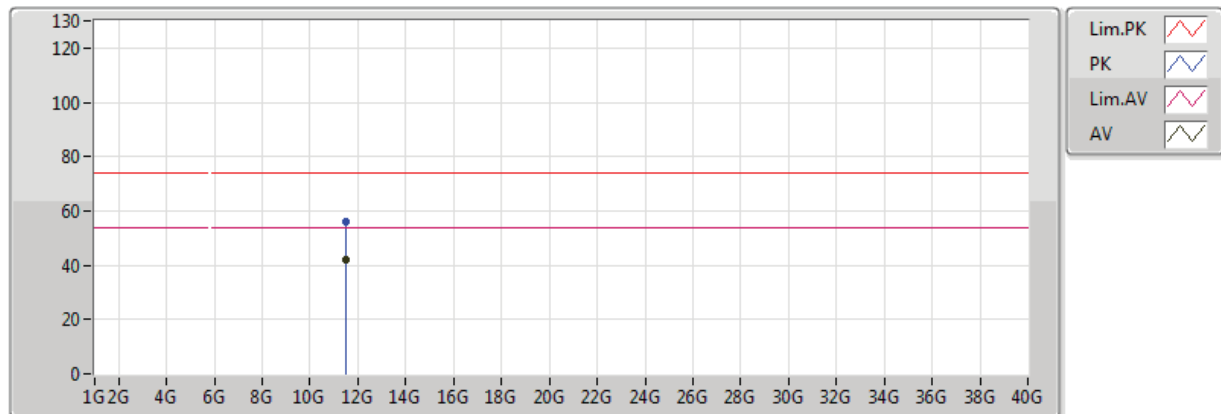


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7468G	106.45	Inf	-Inf	7.63	3	Horizontal	3	1.02	-				
PK	5.6484G	67.50	68.20	-0.70	7.45	3	Horizontal	3	1.02	-				
PK	5.7492G	116.18	Inf	-Inf	7.64	3	Horizontal	3	1.02	-				
PK	5.934G	62.98	68.20	-5.22	7.98	3	Horizontal	3	1.02	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5760MHz_TX

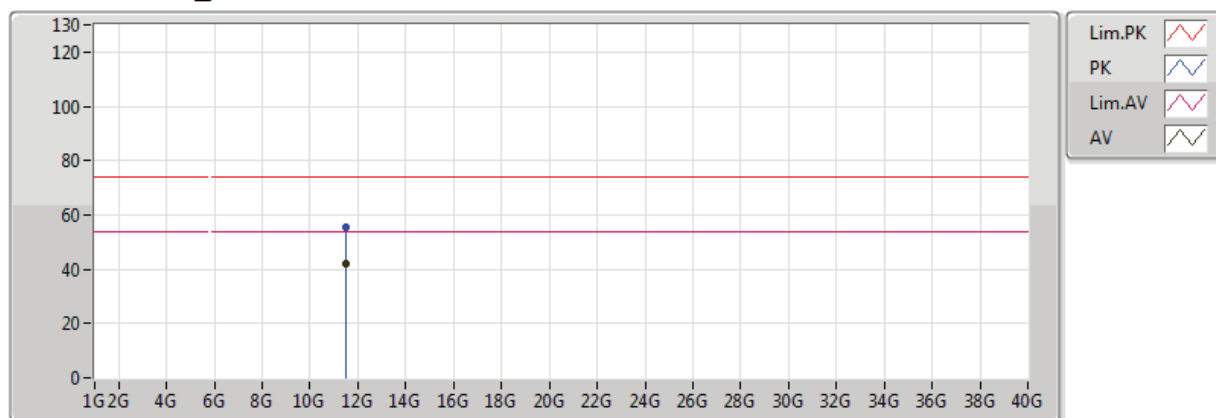


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.50728G	41.99	54.00	-12.01	16.80	3	Vertical	170	1.71	-				
PK	11.52618G	56.05	74.00	-17.95	16.77	3	Vertical	170	1.71	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5760MHz_TX

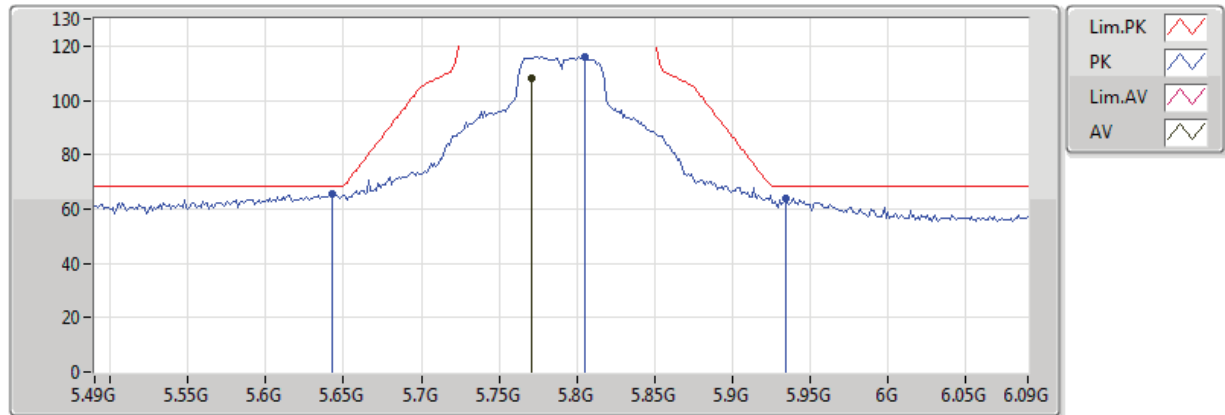


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5065G	42.09	54.00	-11.91	16.80	3	Horizontal	178	2.17	-				
PK	11.50854G	55.60	74.00	-18.40	16.79	3	Horizontal	178	2.17	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5790MHz_TX

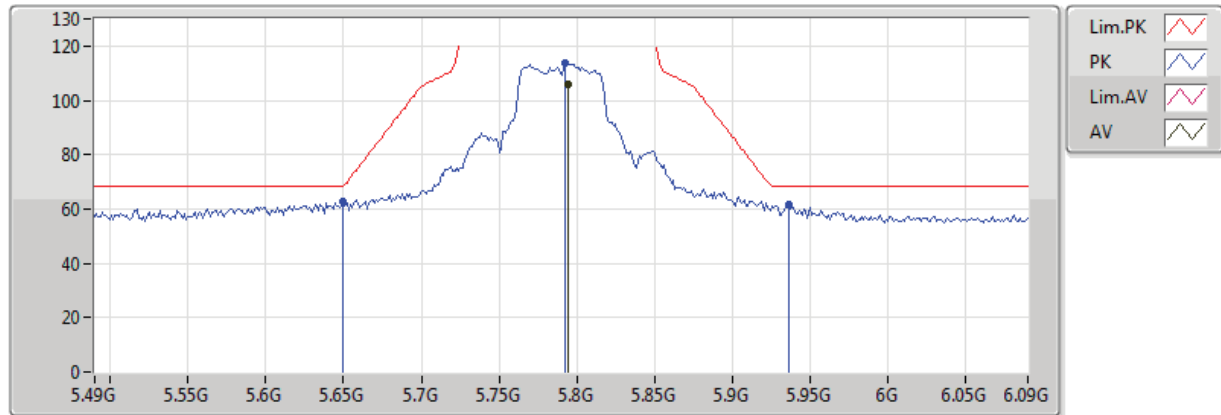


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7708G	108.22	Inf	-Inf	3.49	3	Vertical	353	1.01	-				
PK	5.6424G	65.77	68.20	-2.43	3.39	3	Vertical	353	1.01	-				
PK	5.934G	63.82	68.20	-4.38	3.63	3	Vertical	353	1.01	-				
PK	5.8056G	116.19	Inf	-Inf	3.52	3	Vertical	353	1.01	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5790MHz_TX

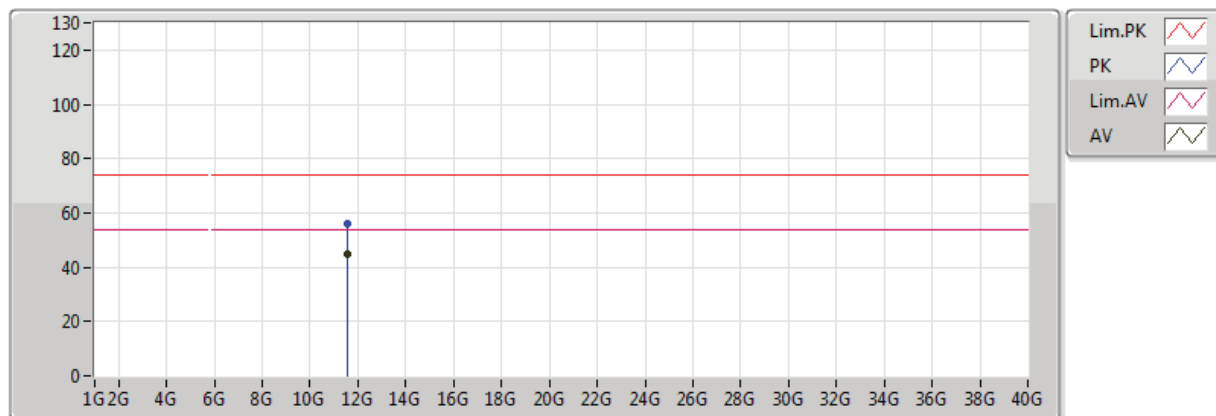


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7948G	105.71	Inf	-Inf	3.51	3	Horizontal	358	1.01	-				
PK	5.6496G	62.70	68.20	-5.50	3.39	3	Horizontal	358	1.01	-				
PK	5.9364G	61.69	68.20	-6.51	3.63	3	Horizontal	358	1.01	-				
PK	5.7924G	113.52	Inf	-Inf	3.50	3	Horizontal	358	1.01	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5790MHz_TX

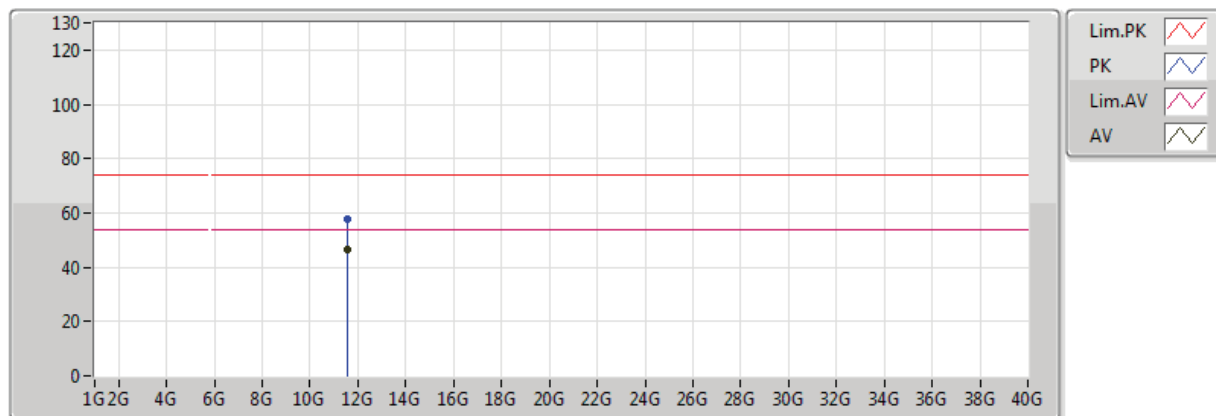


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5814G	44.66	54.00	-9.34	13.47	3	Vertical	77	1.50	-				
PK	11.5622G	55.80	74.00	-18.20	13.50	3	Vertical	77	1.50	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5790MHz_TX

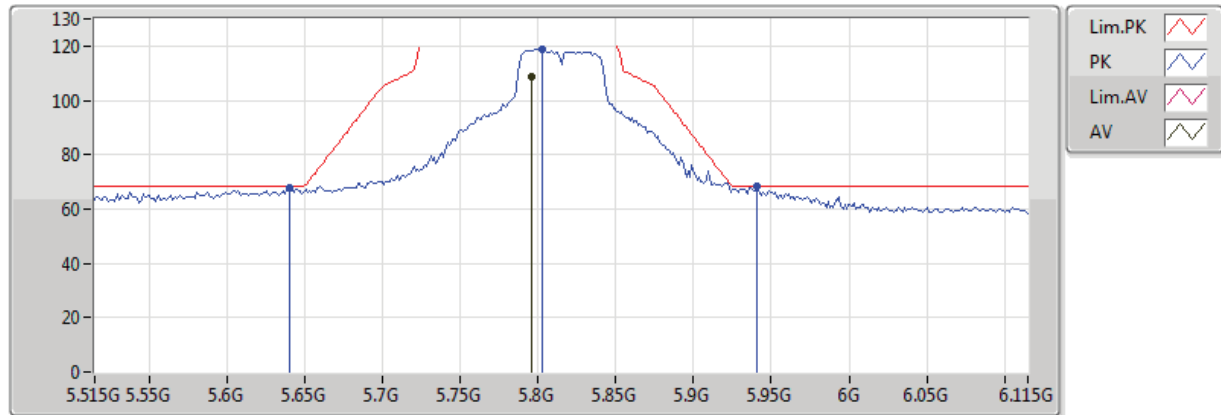


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5784G	46.68	54.00	-7.32	13.48	3	Horizontal	180	1.12	-				
PK	11.5782G	57.58	74.00	-16.42	13.48	3	Horizontal	180	1.12	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5815MHz_TX

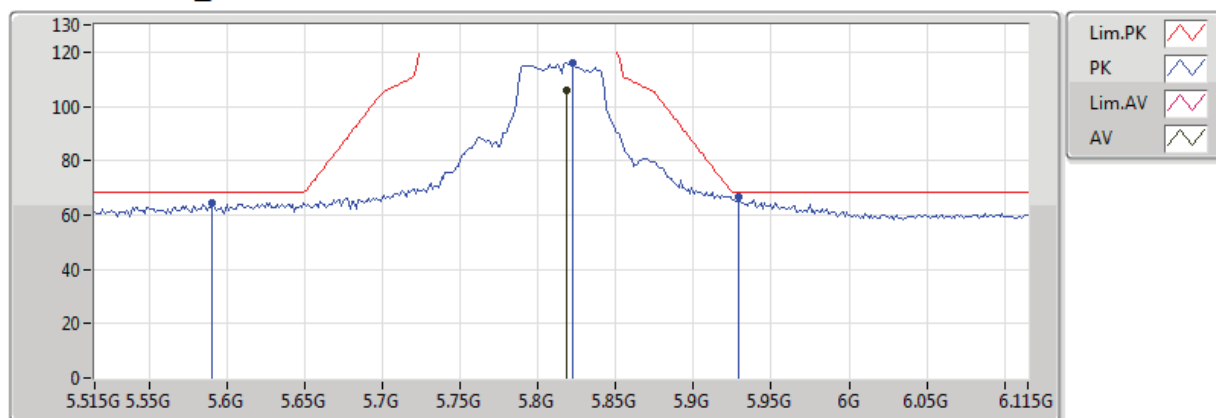


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7958G	108.96	Inf	-Inf	7.73	3	Vertical	0	1.08	-				
PK	5.6398G	68.06	68.20	-0.14	7.43	3	Vertical	0	1.08	-				
PK	5.803G	118.86	Inf	-Inf	7.74	3	Vertical	0	1.08	-				
PK	5.941G	68.09	68.20	-0.11	7.99	3	Vertical	0	1.08	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5815MHz_TX

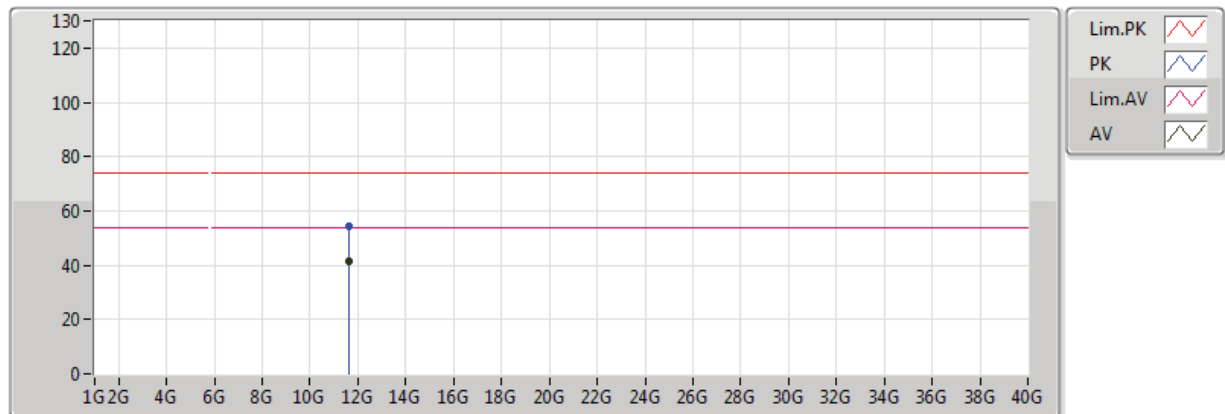


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.8186G	106.03	Inf	-Inf	7.77	3	Horizontal	4	1.08	-				
PK	5.5906G	64.48	68.20	-3.72	7.34	3	Horizontal	4	1.08	-				
PK	5.8222G	116.01	Inf	-Inf	7.78	3	Horizontal	4	1.08	-				
PK	5.929G	66.82	68.20	-1.38	7.97	3	Horizontal	4	1.08	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5815MHz_TX

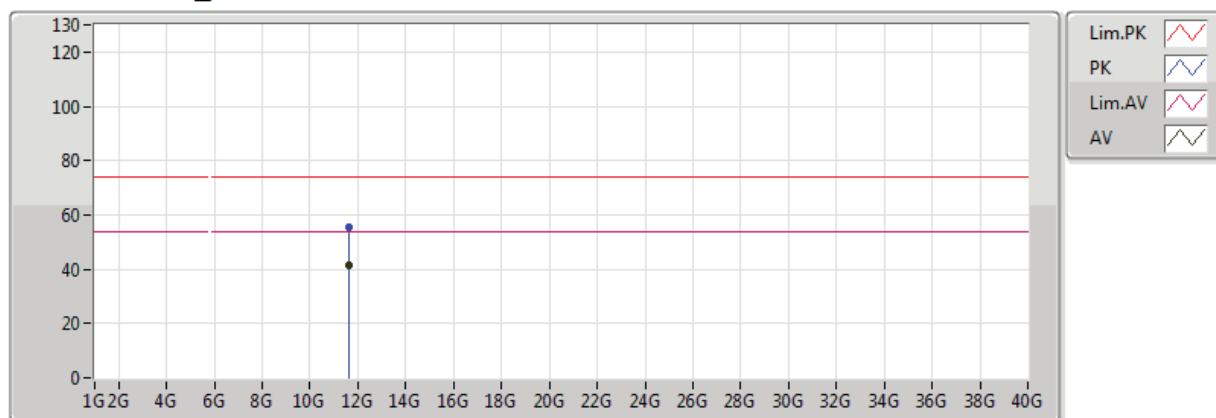


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.64116G	41.33	54.00	-12.67	16.63	3	Vertical	10	1.72	-				
PK	11.64032G	54.50	74.00	-19.50	16.63	3	Vertical	10	1.72	-				

802.11ac VHT60_Nss1,(MCS0)_2TX

5815MHz_TX

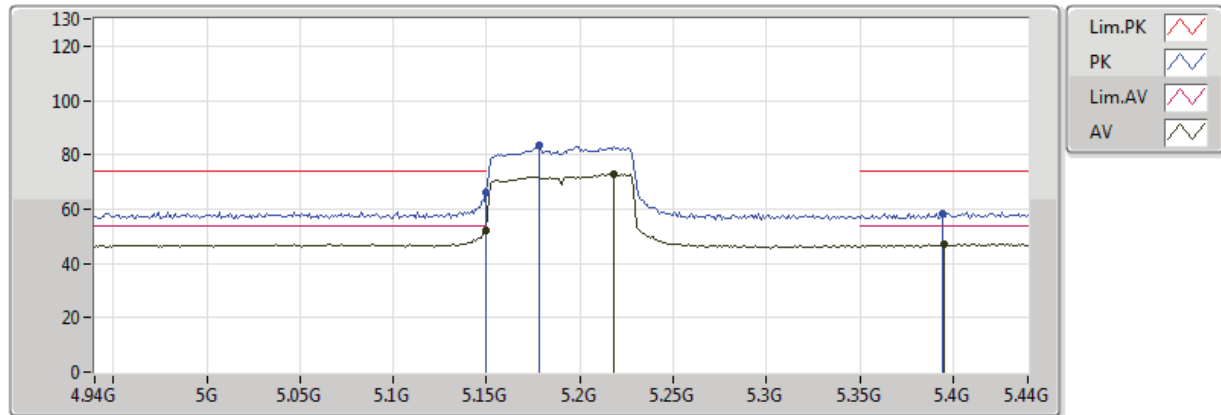


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.636G	41.22	54.00	-12.78	16.64	3	Horizontal	210	1.76	-				
PK	11.62454G	55.60	74.00	-18.40	16.65	3	Horizontal	210	1.76	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5190MHz_TX

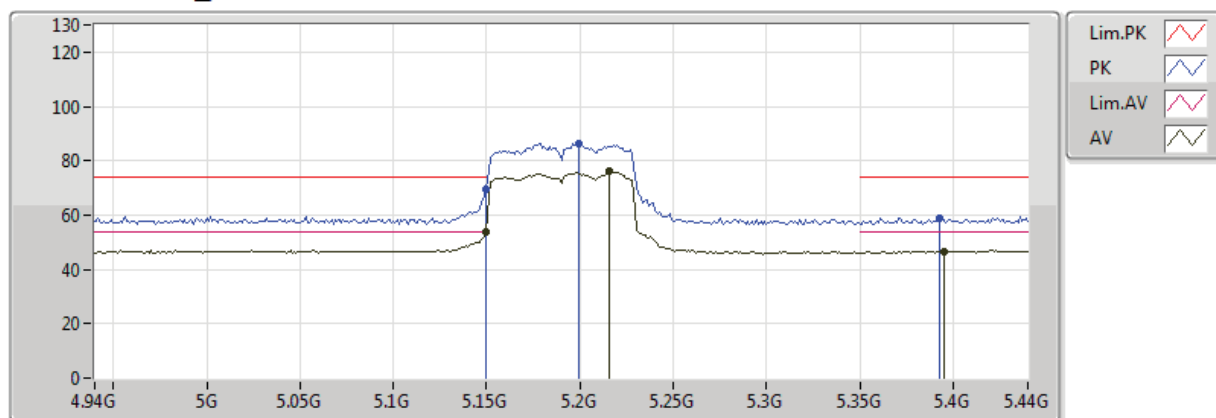


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	52.08	54.00	-1.92	7.00	3	Vertical	0	1.08	-				
AV	5.218G	72.77	Inf	-Inf	7.03	3	Vertical	0	1.08	-				
AV	5.395G	46.85	54.00	-7.15	7.13	3	Vertical	0	1.08	-				
PK	5.149995G	66.18	74.00	-7.82	7.00	3	Vertical	0	1.08	-				
PK	5.178G	83.34	Inf	-Inf	7.01	3	Vertical	0	1.08	-				
PK	5.394G	58.36	74.00	-15.64	7.13	3	Vertical	0	1.08	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5190MHz_TX

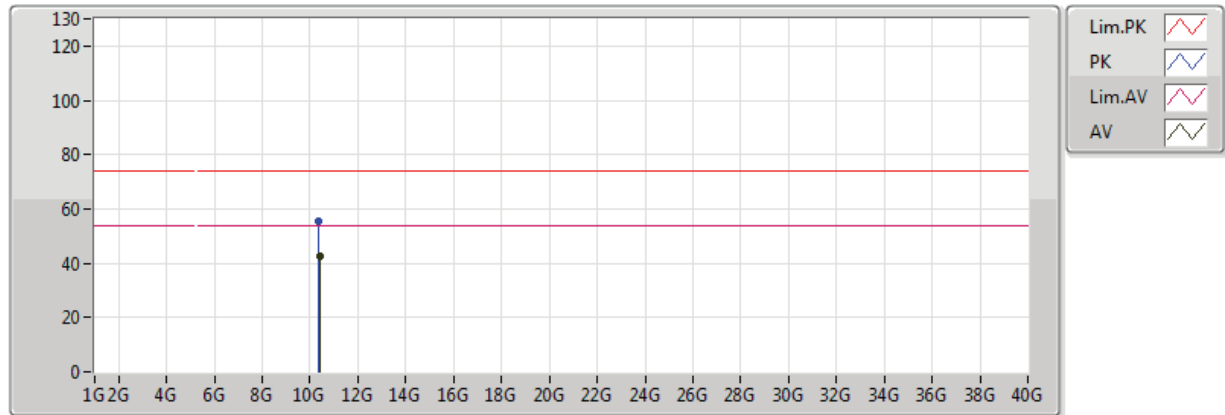


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.67	54.00	-0.33	7.00	3	Horizontal	0	1.00	-				
AV	5.216G	76.07	Inf	-Inf	7.03	3	Horizontal	0	1.00	-				
AV	5.395G	46.71	54.00	-7.29	7.13	3	Horizontal	0	1.00	-				
PK	5.149995G	69.53	74.00	-4.47	7.00	3	Horizontal	0	1.00	-				
PK	5.199G	86.20	Inf	-Inf	7.03	3	Horizontal	0	1.00	-				
PK	5.393G	58.99	74.00	-15.01	7.13	3	Horizontal	0	1.00	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5190MHz_TX

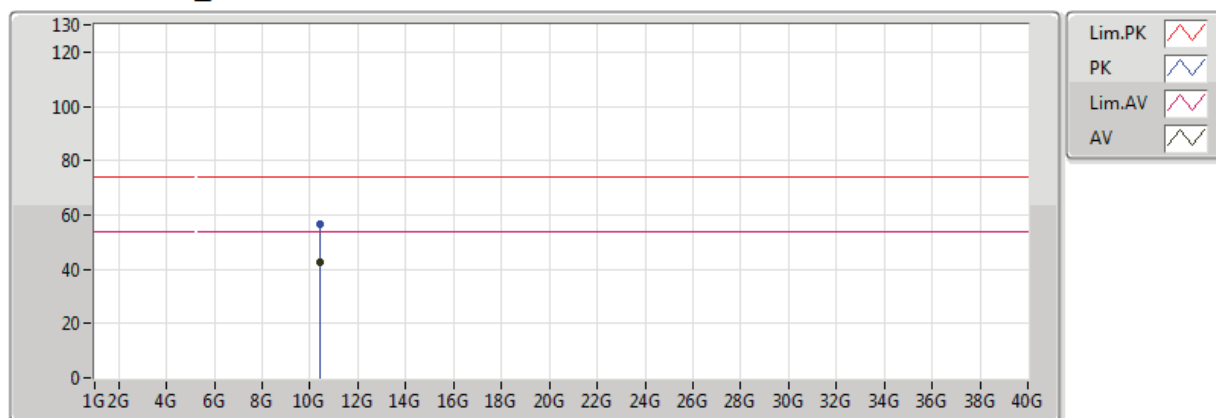


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.39206G	42.34	54.00	-11.66	16.33	3	Vertical	110	1.59	-				
PK	10.38366G	55.61	74.00	-18.39	16.31	3	Vertical	110	1.59	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5190MHz_TX

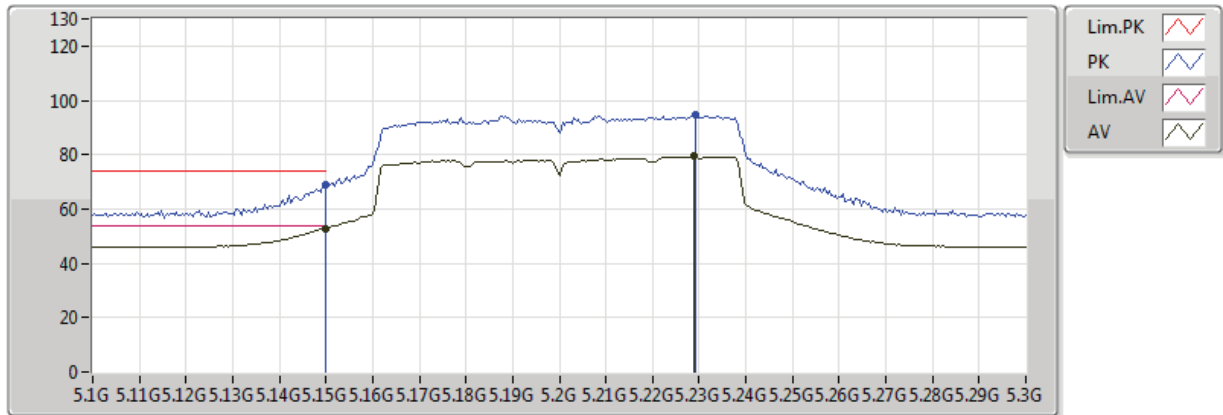


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.39206G	42.41	54.00	-11.59	16.33	3	Horizontal	132	2.42	-				
PK	10.38432G	56.46	74.00	-17.54	16.31	3	Horizontal	132	2.42	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5200MHz_TX

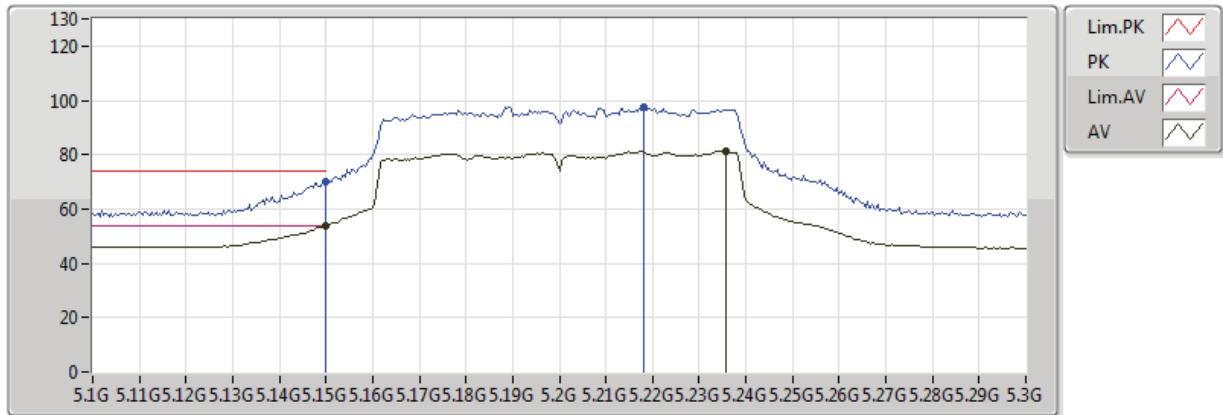


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	52.80	54.00	-1.20	7.00	3	Vertical	0	1.05	-				
AV	5.2288G	79.33	Inf	-Inf	7.04	3	Vertical	0	1.05	-				
PK	5.149995G	69.08	74.00	-4.92	7.00	3	Vertical	0	1.05	-				
PK	5.2292G	94.52	Inf	-Inf	7.04	3	Vertical	0	1.05	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5200MHz_TX

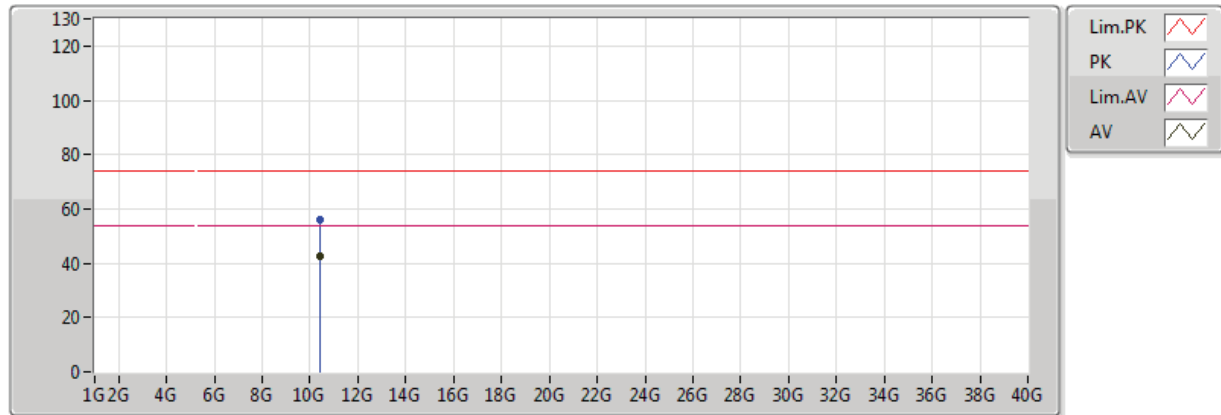


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.88	54.00	-0.12	7.00	3	Horizontal	1	1.05	-				
AV	5.2356G	81.33	Inf	-Inf	7.04	3	Horizontal	1	1.05	-				
PK	5.149995G	69.98	74.00	-4.02	7.00	3	Horizontal	1	1.05	-				
PK	5.218G	97.50	Inf	-Inf	7.03	3	Horizontal	1	1.05	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5200MHz_TX

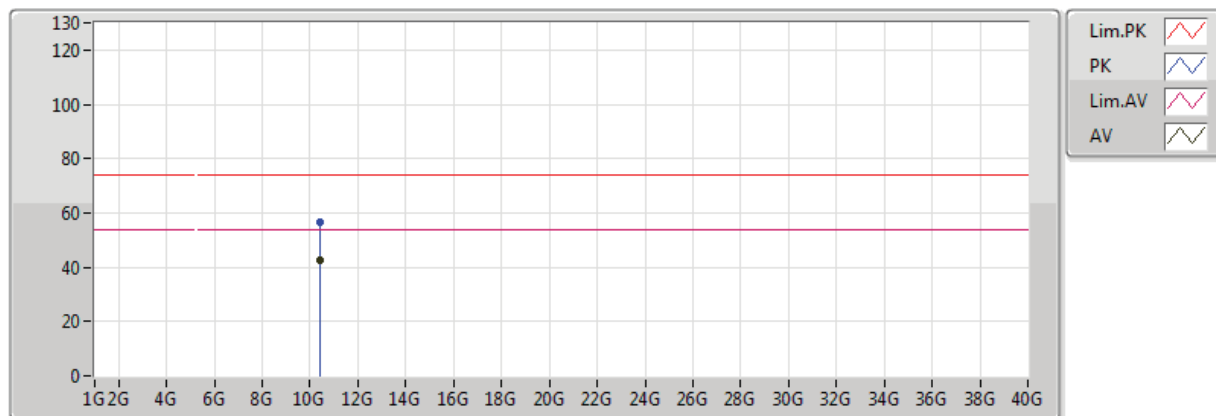


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.39952G	42.42	54.00	-11.58	16.34	3	Vertical	23	1.26	-				
PK	10.41152G	56.10	74.00	-17.90	16.36	3	Vertical	23	1.26	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5200MHz_TX

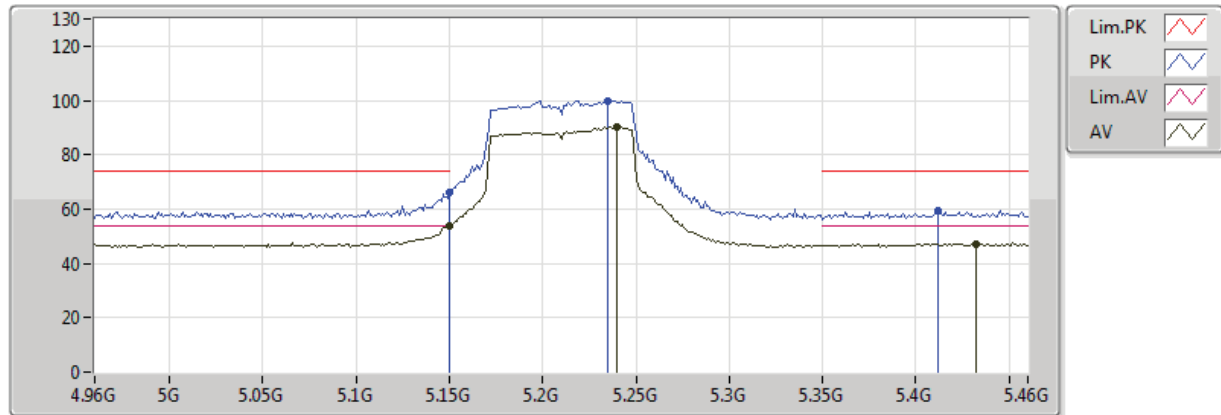


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.39484G	42.45	54.00	-11.55	16.33	3	Horizontal	157	2.40	-				
PK	10.40162G	56.47	74.00	-17.53	16.34	3	Horizontal	157	2.40	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

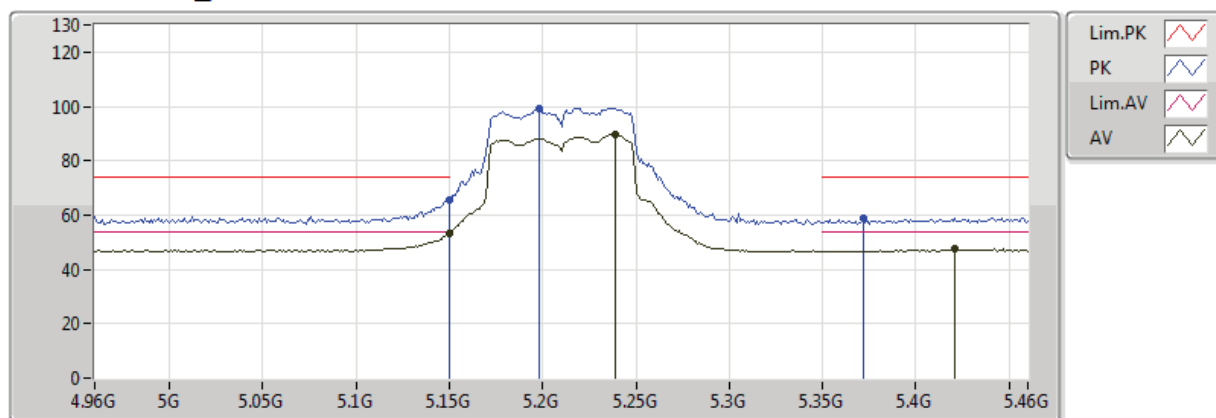


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.88	54.00	-0.12	7.00	3	Vertical	0	1.03	-				
AV	5.24G	90.13	Inf	-Inf	7.05	3	Vertical	0	1.03	-				
AV	5.432G	47.25	54.00	-6.75	7.15	3	Vertical	0	1.03	-				
PK	5.149995G	66.24	74.00	-7.76	7.00	3	Vertical	0	1.03	-				
PK	5.235G	99.90	Inf	-Inf	7.04	3	Vertical	0	1.03	-				
PK	5.412G	59.32	74.00	-14.68	7.14	3	Vertical	0	1.03	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

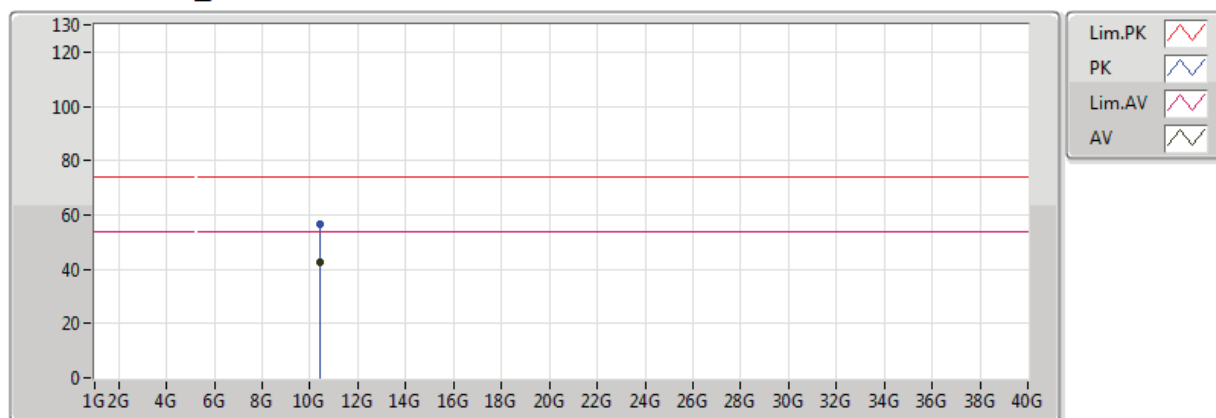


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.149995G	53.27	54.00	-0.73	7.00	3	Horizontal	0	1.04	-				
AV	5.239G	89.80	Inf	-Inf	7.04	3	Horizontal	0	1.04	-				
AV	5.421G	47.36	54.00	-6.64	7.14	3	Horizontal	0	1.04	-				
PK	5.149995G	65.76	74.00	-8.24	7.00	3	Horizontal	0	1.04	-				
PK	5.198G	99.34	Inf	-Inf	7.02	3	Horizontal	0	1.04	-				
PK	5.372G	58.63	74.00	-15.37	7.12	3	Horizontal	0	1.04	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

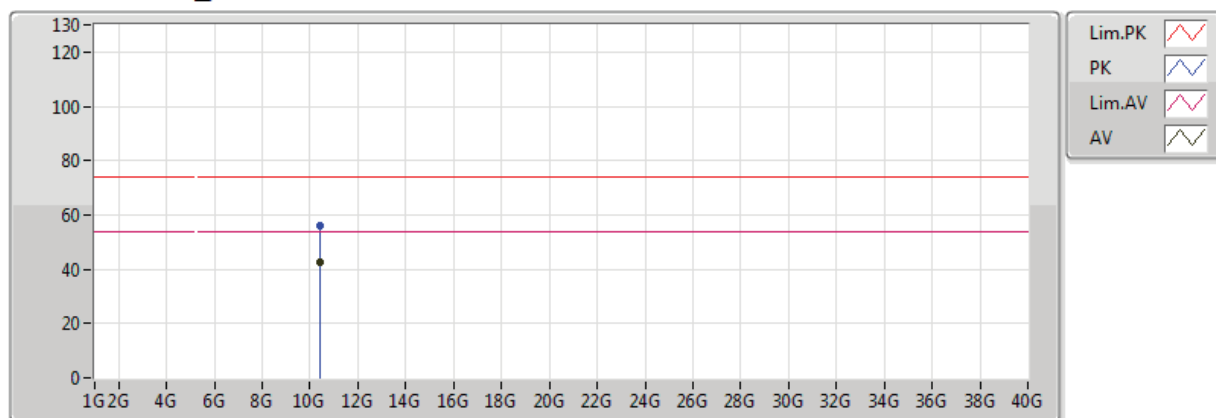


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	10.42486G	42.45	54.00	-11.55	16.38	3	Vertical	309	1.41	-				
PK	10.42894G	56.60	74.00	-17.40	16.39	3	Vertical	309	1.41	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

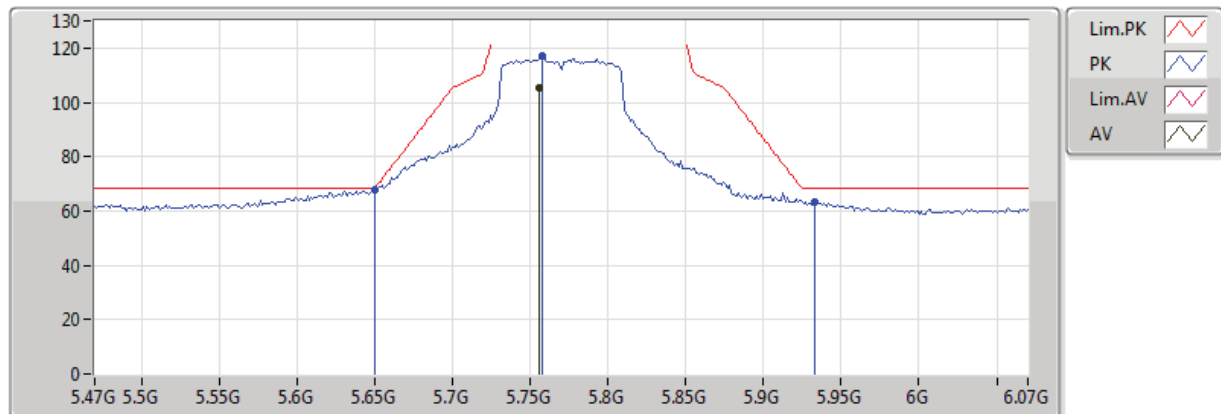


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	10.40872G	42.43	54.00	-11.57	16.35	3	Horizontal	1	1.57	-				
PK	10.41634G	55.94	74.00	-18.06	16.37	3	Horizontal	1	1.57	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5770MHz_TX

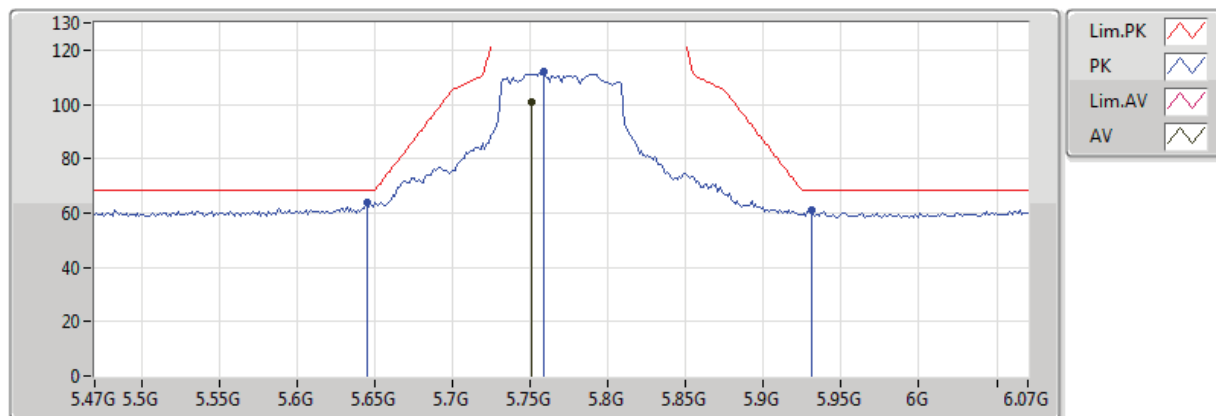


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7556G	105.08	Inf	-Inf	7.65	3	Vertical	0	1.02	-				
PK	5.65G	67.58	68.20	-0.62	7.45	3	Vertical	0	1.02	-				
PK	5.758G	117.03	Inf	-Inf	7.66	3	Vertical	0	1.02	-				
PK	5.9332G	63.52	68.20	-4.68	7.98	3	Vertical	0	1.02	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5770MHz_TX

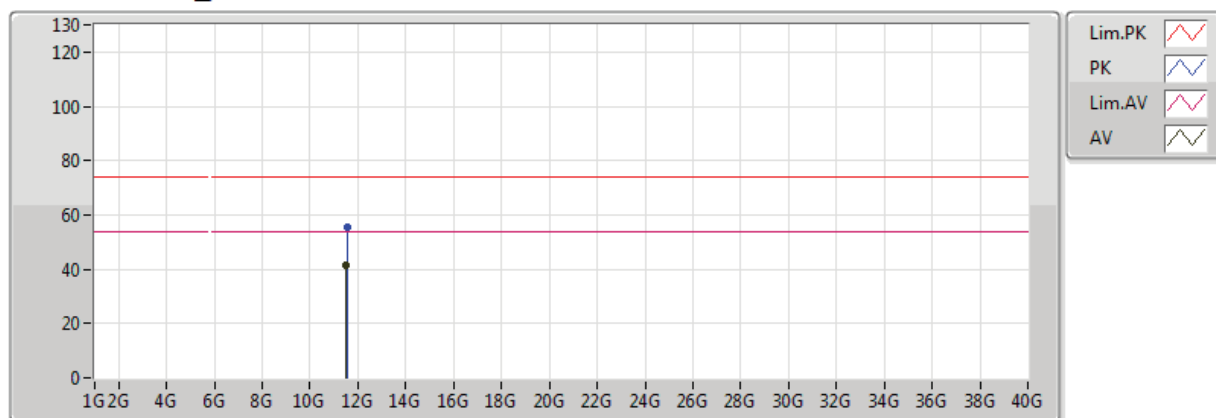


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7508G	100.60	Inf	-Inf	7.64	3	Horizontal	0	1.01	-				
PK	5.6452G	64.04	68.20	-4.16	7.44	3	Horizontal	0	1.01	-				
PK	5.7592G	112.18	Inf	-Inf	7.66	3	Horizontal	0	1.01	-				
PK	5.9308G	61.05	68.20	-7.15	7.97	3	Horizontal	0	1.01	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5770MHz_TX

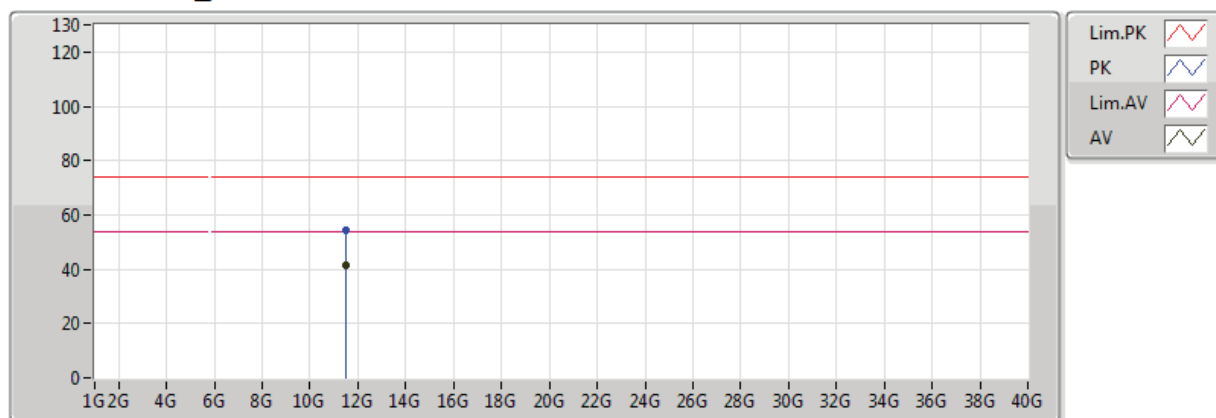


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.52518G	41.74	54.00	-12.26	16.77	3	Vertical	288	1.50	-				
PK	11.53676G	55.27	74.00	-18.73	16.76	3	Vertical	288	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5770MHz_TX

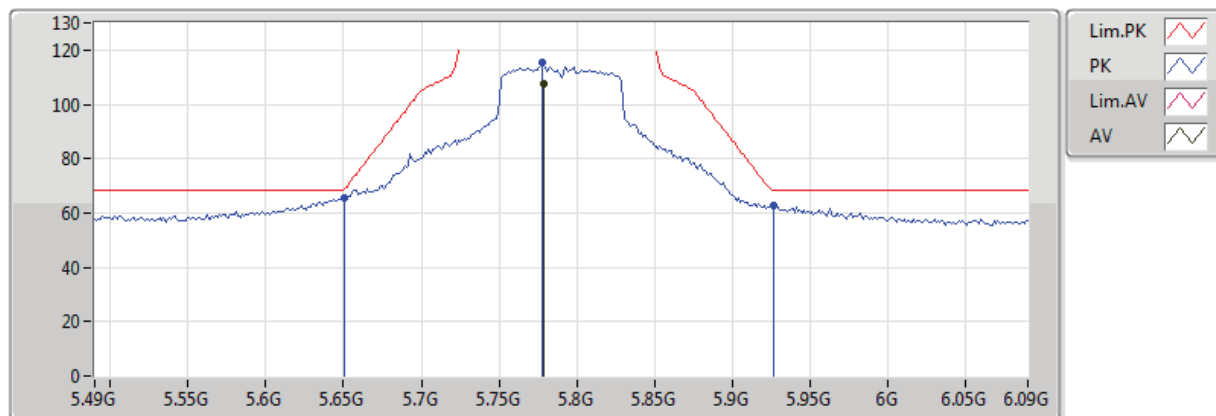


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	11.52614G	41.72	54.00	-12.28	16.77	3	Horizontal	338	1.33	-				
PK	11.52608G	54.35	74.00	-19.65	16.77	3	Horizontal	338	1.33	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_TX

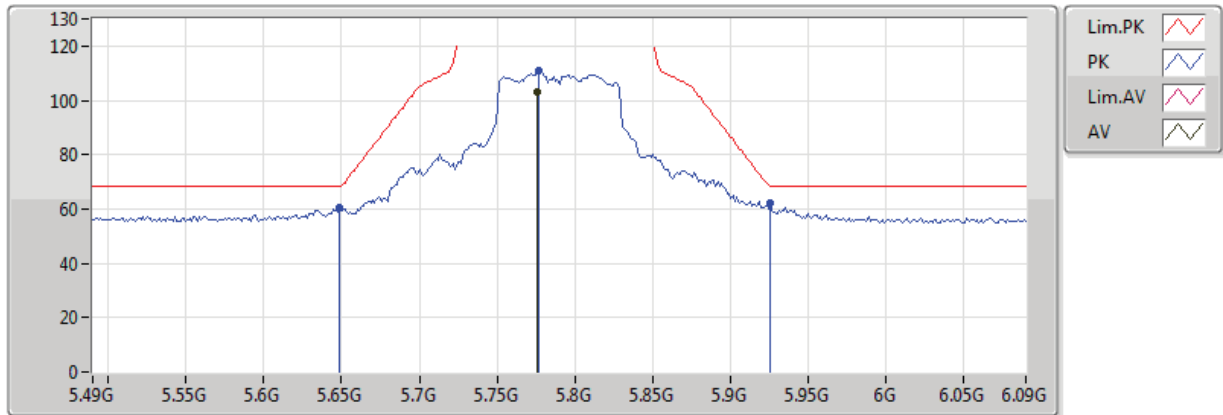


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7792G	107.41	Inf	-Inf	3.50	3	Vertical	354	1.00	-				
PK	5.6508G	65.76	68.79	-3.04	3.40	3	Vertical	354	1.00	-				
PK	5.9268G	62.93	68.20	-5.27	3.62	3	Vertical	354	1.00	-				
PK	5.778G	115.30	Inf	-Inf	3.49	3	Vertical	354	1.00	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_TX

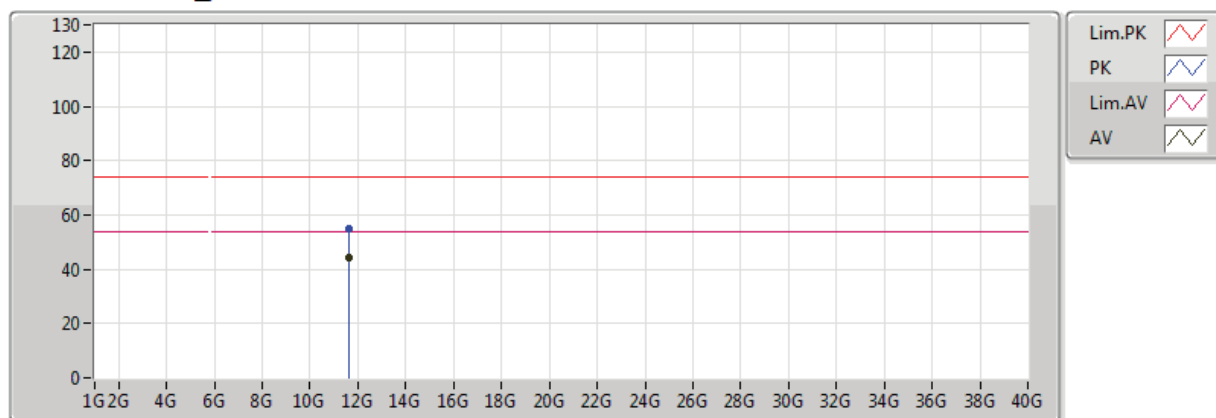


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7756G	103.31	Inf	-Inf	3.49	3	Horizontal	358	1.01	-				
PK	5.6484G	60.75	68.20	-7.45	3.39	3	Horizontal	358	1.01	-				
PK	5.9256G	62.28	68.20	-5.92	3.62	3	Horizontal	358	1.01	-				
PK	5.7768G	110.90	Inf	-Inf	3.49	3	Horizontal	358	1.01	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_TX

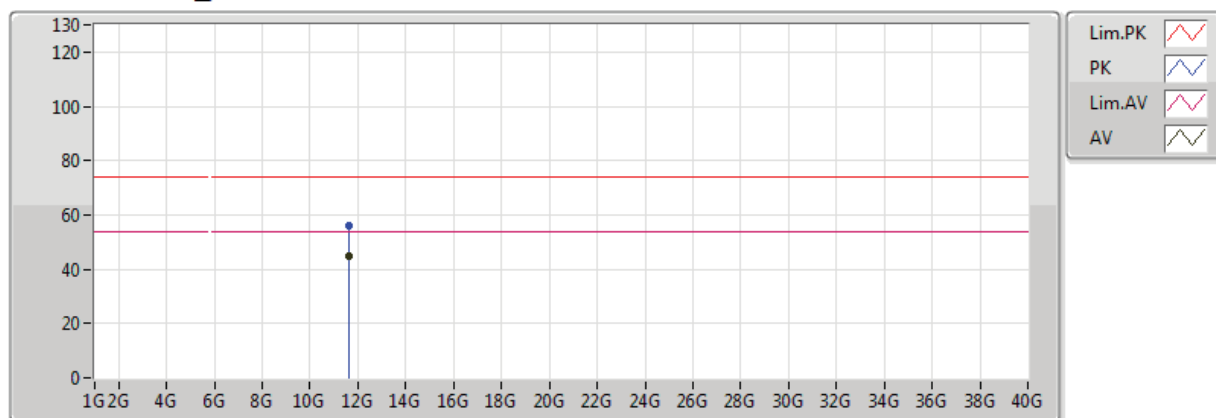


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6202G	44.13	54.00	-9.87	13.41	3	Vertical	264	1.50	-				
PK	11.5952G	55.17	74.00	-18.83	13.45	3	Vertical	264	1.50	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5790MHz_TX

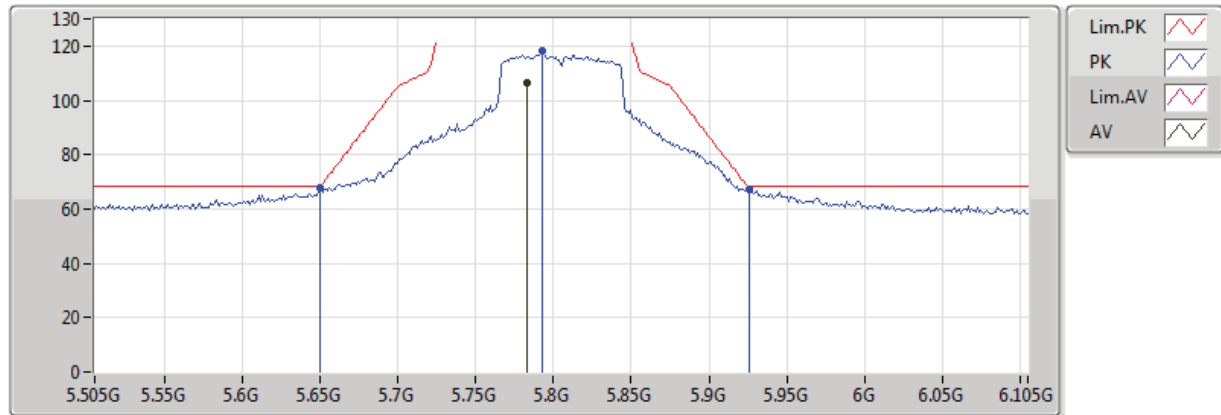


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5966G	45.04	54.00	-8.96	13.44	3	Horizontal	192	1.00	-				
PK	11.5966G	56.20	74.00	-17.80	13.45	3	Horizontal	192	1.00	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5805MHz_TX

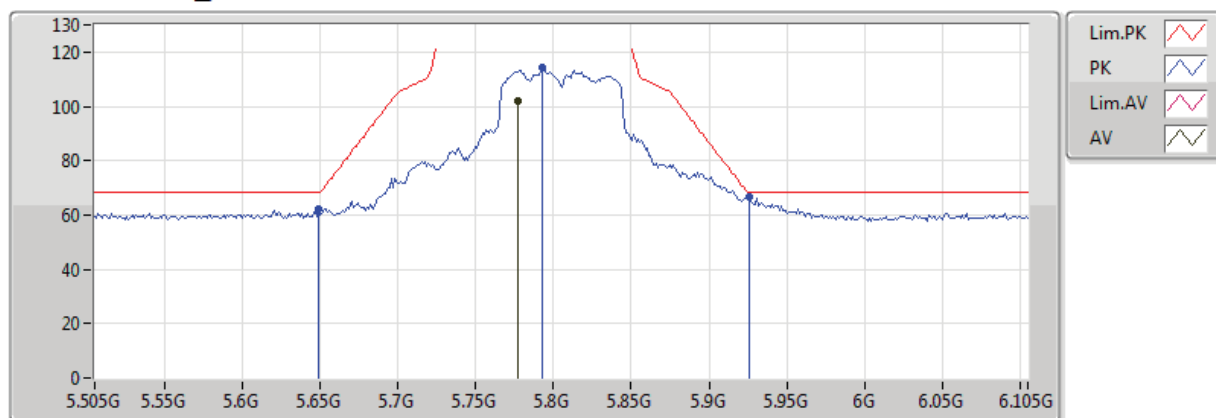


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7834G	106.49	Inf	-Inf	7.70	3	Vertical	0	1.02	-				
PK	5.6502G	67.54	68.35	-0.81	7.45	3	Vertical	0	1.02	-				
PK	5.793G	118.32	Inf	-Inf	7.72	3	Vertical	0	1.02	-				
PK	5.9262G	67.45	68.20	-0.75	7.97	3	Vertical	0	1.02	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5805MHz_TX

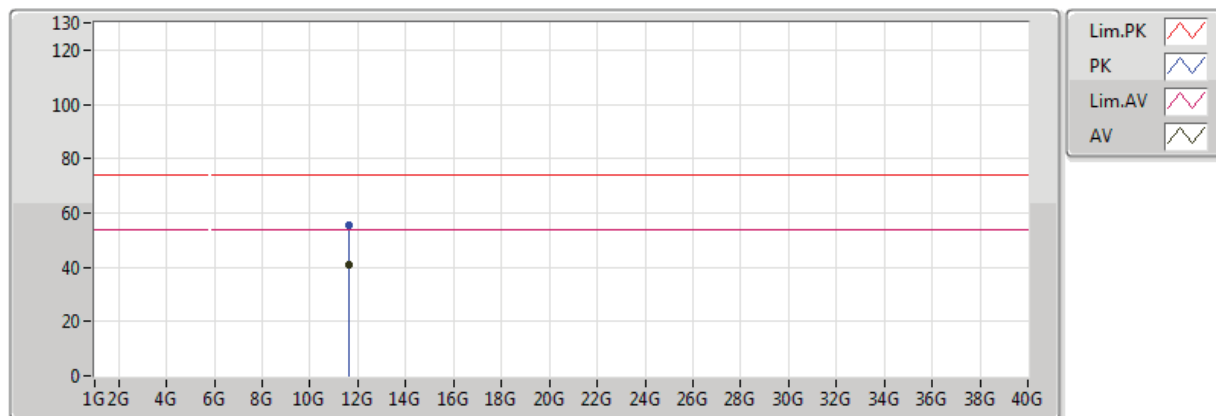


EUT = X

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments				
AV	5.7774G	102.18	Inf	-Inf	7.69	3	Horizontal	0	1.04	-				
PK	5.649G	62.15	68.20	-6.05	7.45	3	Horizontal	0	1.04	-				
PK	5.793G	114.47	Inf	-Inf	7.72	3	Horizontal	0	1.04	-				
PK	5.9262G	66.50	68.20	-1.70	7.97	3	Horizontal	0	1.04	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5805MHz_TX

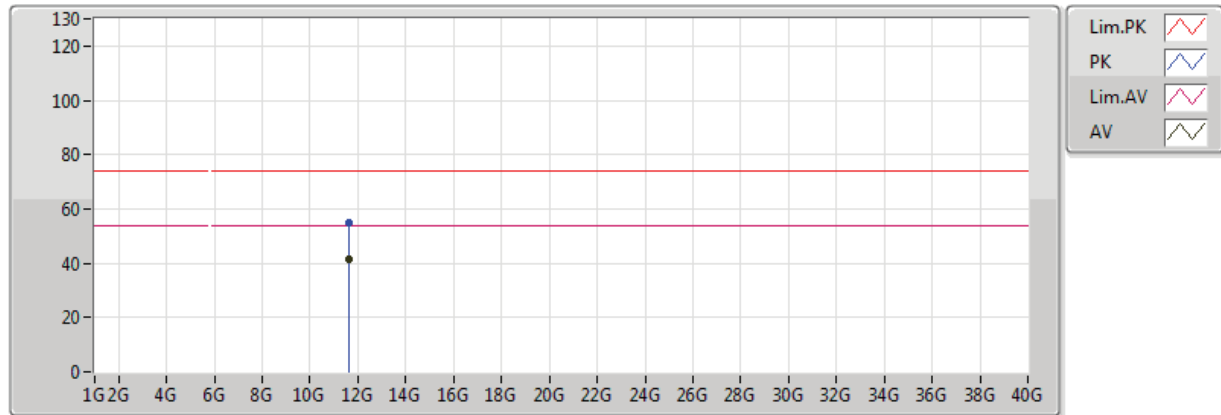


EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5959G	41.16	54.00	-12.84	16.69	3	Vertical	235	1.57	-				
PK	11.59812G	55.31	74.00	-18.69	16.68	3	Vertical	235	1.57	-				

802.11ac VHT80_Nss1,(MCS0)_2TX

5805MHz_TX



EUT = X

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.59566G	41.20	54.00	-12.80	16.69	3	Horizontal	225	1.16	-				
PK	11.61846G	54.70	74.00	-19.30	16.66	3	Horizontal	225	1.16	-				



Frequency Stability Result (Point-to-point)

Appendix F

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.725-5.85GHz	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	5.79G	5.789976G	4.209	20	1	0 min



Frequency Stability Result (Point-to-point)

Appendix F

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11ac VHT20_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-
5790MHz_-20°C	Pass	5.79G	5.789978G	3.886	20	1	0 min
5790MHz_-20°C	Pass	5.79G	5.789979G	3.562	20	1	2 min
5790MHz_-20°C	Pass	5.79G	5.789979G	3.562	20	1	5 min
5790MHz_-20°C	Pass	5.79G	5.789983G	2.914	20	1	10 min
5790MHz_-10°C	Pass	5.79G	5.789983G	2.914	20	1	0 min
5790MHz_-10°C	Pass	5.79G	5.789983G	2.914	20	1	2 min
5790MHz_-10°C	Pass	5.79G	5.789985G	2.59	20	1	5 min
5790MHz_-10°C	Pass	5.79G	5.789987G	2.267	20	1	10 min
5790MHz_0°C	Pass	5.79G	5.789989G	1.943	20	1	0 min
5790MHz_0°C	Pass	5.79G	5.789991G	1.619	20	1	2 min
5790MHz_0°C	Pass	5.79G	5.789991G	1.619	20	1	5 min
5790MHz_0°C	Pass	5.79G	5.790007G	1.295	20	1	10 min
5790MHz_10°C	Pass	5.79G	5.789994G	0.971	20	1	0 min
5790MHz_10°C	Pass	5.79G	5.789994G	0.971	20	1	2 min
5790MHz_10°C	Pass	5.79G	5.789996G	0.648	20	1	5 min
5790MHz_10°C	Pass	5.79G	5.789996G	0.648	20	1	10 min
5790MHz_20°C	Pass	5.79G	5.789989G	1.943	20	1	0 min
5790MHz_20°C	Pass	5.79G	5.789991G	1.619	20	1	2 min
5790MHz_20°C	Pass	5.79G	5.790007G	1.295	20	1	5 min
5790MHz_20°C	Pass	5.79G	5.790007G	1.295	20	1	10 min
5790MHz_30°C	Pass	5.79G	5.789993G	1.295	20	1	0 min
5790MHz_30°C	Pass	5.79G	5.789989G	1.943	20	1	2 min
5790MHz_30°C	Pass	5.79G	5.789987G	2.267	20	1	5 min
5790MHz_30°C	Pass	5.79G	5.789985G	2.59	20	1	10 min
5790MHz_40°C	Pass	5.79G	5.789998G	0.324	20	1	0 min
5790MHz_40°C	Pass	5.79G	5.789998G	0.324	20	1	2 min
5790MHz_40°C	Pass	5.79G	5.790004G	0.648	20	1	5 min
5790MHz_40°C	Pass	5.79G	5.789993G	1.295	20	1	10 min
5790MHz_50°C	Pass	5.79G	5.789993G	1.295	20	1	0 min
5790MHz_50°C	Pass	5.79G	5.789983G	2.914	20	1	2 min
5790MHz_50°C	Pass	5.79G	5.789979G	3.562	20	1	5 min
5790MHz_50°C	Pass	5.79G	5.789979G	3.562	20	1	10 min
5790MHz_55°C	Pass	5.79G	5.789976G	4.209	20	1	0 min
5790MHz_55°C	Pass	5.79G	5.789979G	3.562	20	1	2 min
5790MHz_55°C	Pass	5.79G	5.789979G	3.562	20	1	5 min
5790MHz_55°C	Pass	5.79G	5.789987G	2.267	20	1	10 min
5790MHz_132V	Pass	5.79G	5.789985G	2.59	20	1	0 min
5790MHz_132V	Pass	5.79G	5.789989G	1.943	20	1	2 min
5790MHz_132V	Pass	5.79G	5.789993G	1.295	20	1	5 min
5790MHz_132V	Pass	5.79G	5.789993G	1.295	20	1	10 min
5790MHz_120V	Pass	5.79G	5.789989G	1.943	20	1	0 min
5790MHz_120V	Pass	5.79G	5.789989G	1.943	20	1	2 min
5790MHz_120V	Pass	5.79G	5.789991G	1.619	20	1	5 min



Frequency Stability Result (Point-to-point)

Appendix F

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5790MHz_120V	Pass	5.79G	5.789991G	1.619	20	1	10 min
5790MHz_108V	Pass	5.79G	5.789993G	1.295	20	1	0 min
5790MHz_108V	Pass	5.79G	5.789993G	1.295	20	1	2 min
5790MHz_108V	Pass	5.79G	5.790006G	0.971	20	1	5 min
5790MHz_108V	Pass	5.79G	5.789998G	0.324	20	1	10 min