FCC Test Report

Equipment	:	**cnPilot E600 Indoor**
Brand Name	:	**Cambium Networks**
Model No.	:	**cnPilot E600 Indoor**
FCC ID	:	**Z8H89FT0036**
Standard	:	**47 CFR FCC Part 15.407**
Operating Band	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
Applicant / Manufacturer	:	**Cambium Networks Inc.** **3800 Golf Road, Suite 360 Rolling Meadows, IL 60008, USA**
Function	:	**☐ Outdoor; ☒ Indoor; ☐ Fixed P2P** **☐ Client**

The product sample received on Jul. 23, 2017 and completely tested on Jul. 14, 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
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
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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
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Revision History

Report No.	Version	Description	Issued Date
FR740634-01AN	Rev. 01	Initial issue of report	Aug. 14, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

<Non-Beamforming>

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	11a	20	4TX
5.725-5.85GHz	11a	20	4TX
5.15-5.25GHz	VHT20	20	4TX
5.725-5.85GHz	VHT20	20	4TX
5.15-5.25GHz	VHT40	40	4TX
5.725-5.85GHz	VHT40	40	4TX
5.15-5.25GHz	VHT80	80	4TX
5.725-5.85GHz	VHT80	80	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	VHT80+80	80	2TX(Port 1/2)
5.725-5.85GHz	VHT80+80	80	2TX(Port 3/4)

<Beamforming>

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	VHT20-BF	20	4TX
5.725-5.85GHz	VHT20-BF	20	4TX
5.15-5.25GHz	VHT40-BF	40	4TX
5.725-5.85GHz	VHT40-BF	40	4TX
5.15-5.25GHz	VHT80-BF	80	4TX
5.725-5.85GHz	VHT80-BF	80	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	VHT80+80-BF	80	2TX(Port 1/2)
5.725-5.85GHz	VHT80+80-BF	80	2TX(Port 3/4)

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Table for 80+80 MHz Mode

Type	Channel No.	Frequency
1	42+155	5210+5775 MHz

1.1.3 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	PIFA Antenna	I-PEX	5.65
2	2	-	-	PIFA Antenna	I-PEX	6.11
3	3	-	-	PIFA Antenna	I-PEX	5.00
4	5	-	-	PIFA Antenna	I-PEX	6.17
5	4	-	-	PIFA Antenna	I-PEX	6.11

Note 1: 802.11a/n/ac used four antennas for signal transmitting and receiving.(4T4R Spatial Multiplexing MIMO configuration)

Note 2: Antenna 4 is for Scan Radio use which supports RX only.

1.1.4 EUT Information

Operational Condition					
EUT Power Type	From AC 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:				

1.1.5 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
11a	0.969	0.137	2.065m	1k
VHT20	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.975	0.11	2.437m	1k
VHT80	0.949	0.227	1.149m	1k

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
VHT80+80	0.962	0.168	2.221m	1k

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
VHT20-BF	0.931	0.311	1.766m	1k
VHT40-BF	0.915	0.386	1.701m	1k
VHT80-BF	0.929	0.32	1.953m	1k

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
VHT80+80-BF	0.913	0.395	1.954m	1k

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Gary	21.5°C / 61%	14/Jul/2017
Radiated	03CH02-HY	Andy	22.5°C / 59%	03/Jul/2017
AC Conduction	CO01-HY	Teddy	24°C / 58%	07/Jul/2017

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1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	2.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	2.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	2.9 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software Version	QDART_CONN.WIN.1.0 Installer-00036.2

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	18
5200MHz	18
5240MHz	18
5745MHz	23.5
5785MHz	23.5
5825MHz	23.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	18
5240MHz	18.5
5745MHz	23.5
5785MHz	23.5
5825MHz	23.5
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	18.5
5230MHz	21
5755MHz	23
5795MHz	23.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	17.5
5775MHz	18

Test Software	QDART_CONN.WIN.1.0 Installer-00036.2

Mode	Power Setting
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-
#5210MHz,5775MHz	19
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-
5210MHz,#5775MHz	19

Test Software	command

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	23
5200MHz	23
5240MHz	23
5745MHz	23
5785MHz	23
5825MHz	24
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	23
5230MHz	23
5755MHz	24
5795MHz	24
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	23
5775MHz	24

Test Software	DoS

Mode	Power Setting
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-
#5210MHz,5775MHz	25
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-
5210MHz,#5775MHz	25

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	WiFi 2.4G & 5G, BT ON, ETH1 : 1Gbps, ETH2 : 1Gbps, AC MODE

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	(Y Plane),Bluetooth+WLAN 2.4GHz+ WLAN 5GHz
2	(Z Plane),Bluetooth+WLAN 2.4GHz+ WLAN 5GHz
Refer to Sporton Test Report No.: FA740634-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter	Brand Name	CWT	Model Name	KPL-040F-VI
	Power Rating	I/P: 100 - 240V~ 50/60Hz,1.7 A, O/P: 12 Vdc, 3.33 A 40W		
	Power Cord	1.16 meter, non-shielded cable, with ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.5 Support Equipment

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	P55G	P55G	DoC
B	Mouse	Microsoft	1113	DoC
C	Printer	EPSON	C61	N/A
Z	Notebook	DELL	Latitude E5430	DoC
Z	Notebook	DELL	Latitude E5540	DoC
Z	Notebook	DELL	Latitude E5520	DoC
Z	Notebook	DELL	Latitude E5430	DoC
Z	Notebook	DELL	D5500	DoC

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	client	-	-	-
4	Notebook	DELL	E5410	DoC
5	Adapter for NB	DELL	HA65NM130	DoC
6	AC Source	GW	APS-9102	-

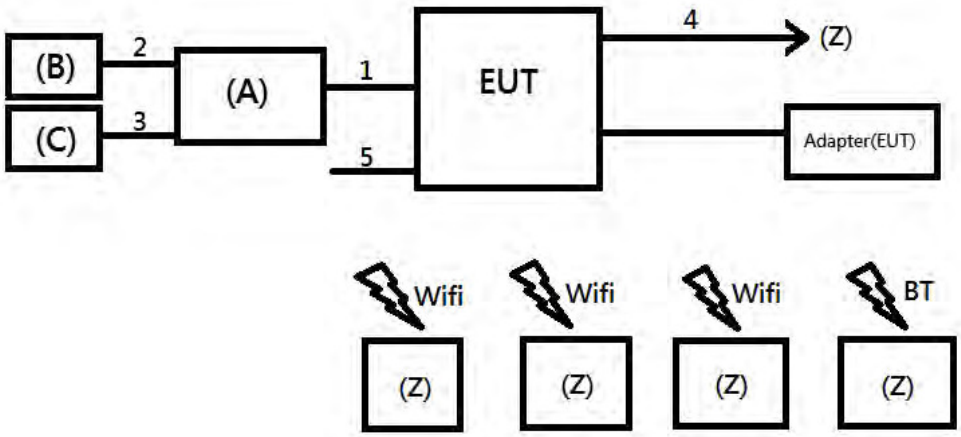
Note: Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Notebook	DELL	E5530	DoC
3	Client	-	-	-

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

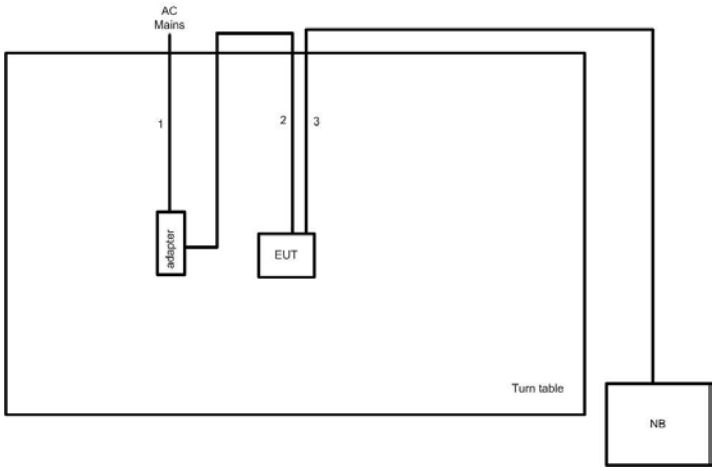
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length	Remark
1	RJ45 Cable	No	1	-
2	USB Cable	AL-F	1.8	-
3	USB Cable	D	1.8	-
4	RJ45 Cable	No	10	
5	USB Cable	No	1.2	

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	2.3m	-
2	DC Power line	No	1.16m	-
3	RJ-45 cable	No	10m	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

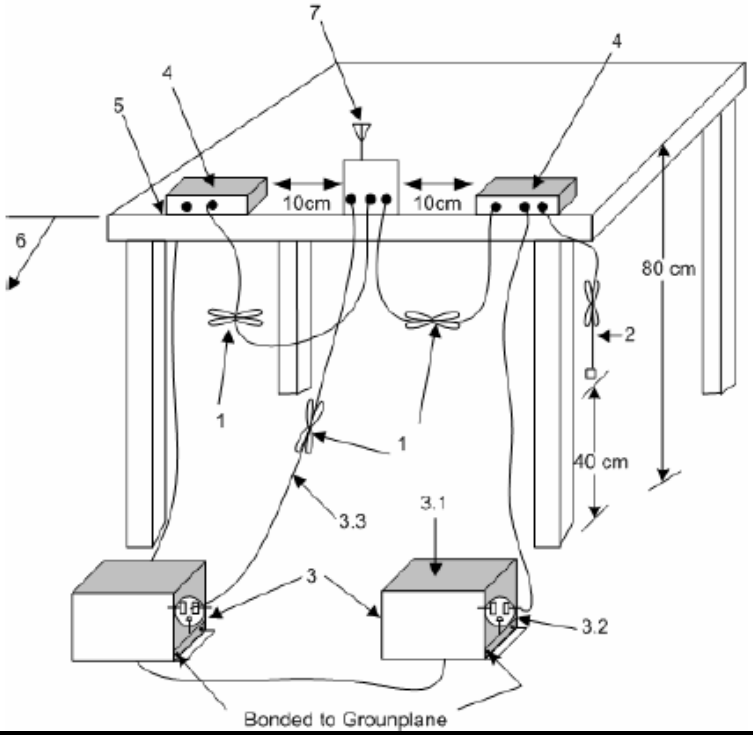
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

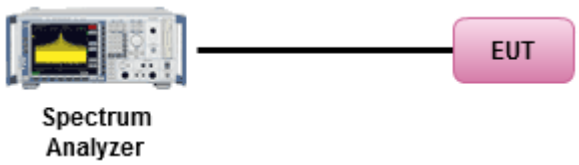
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 6.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

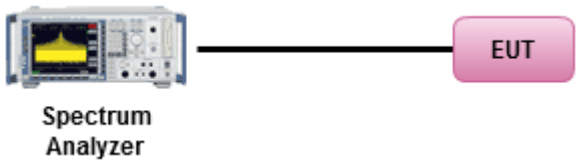
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

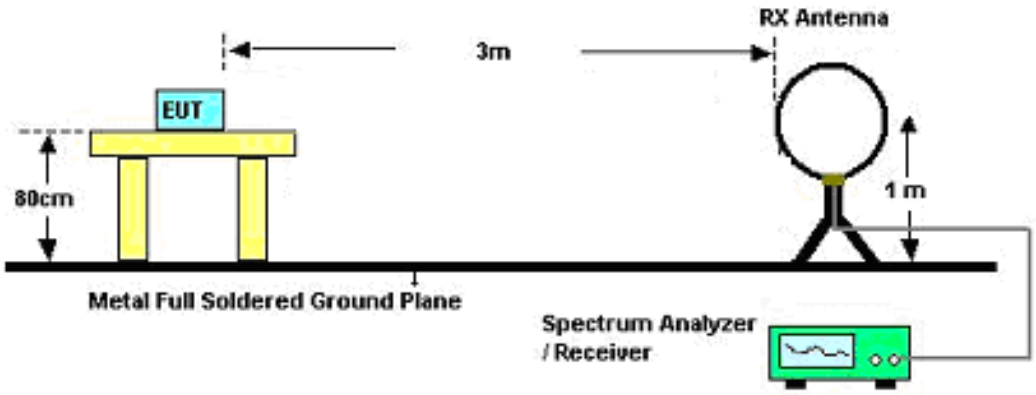
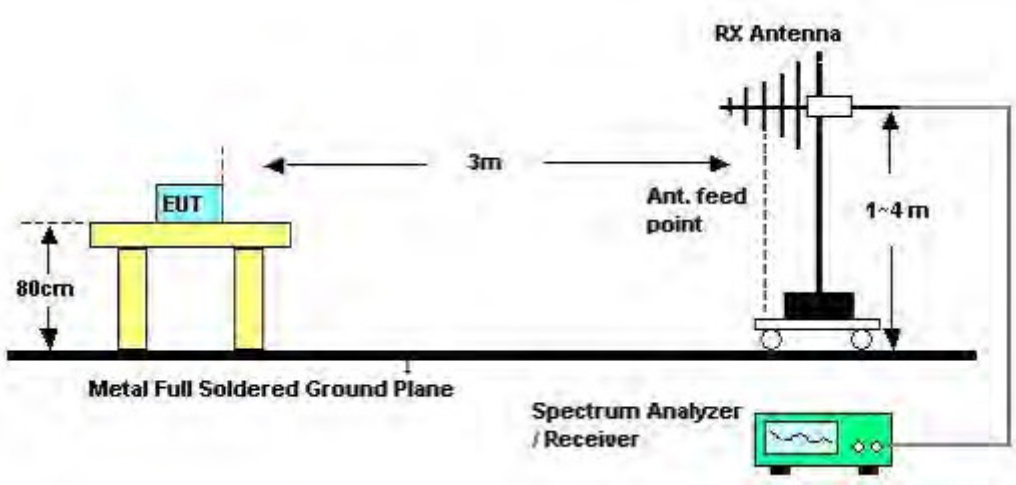
3.5.2 Measuring Instruments

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

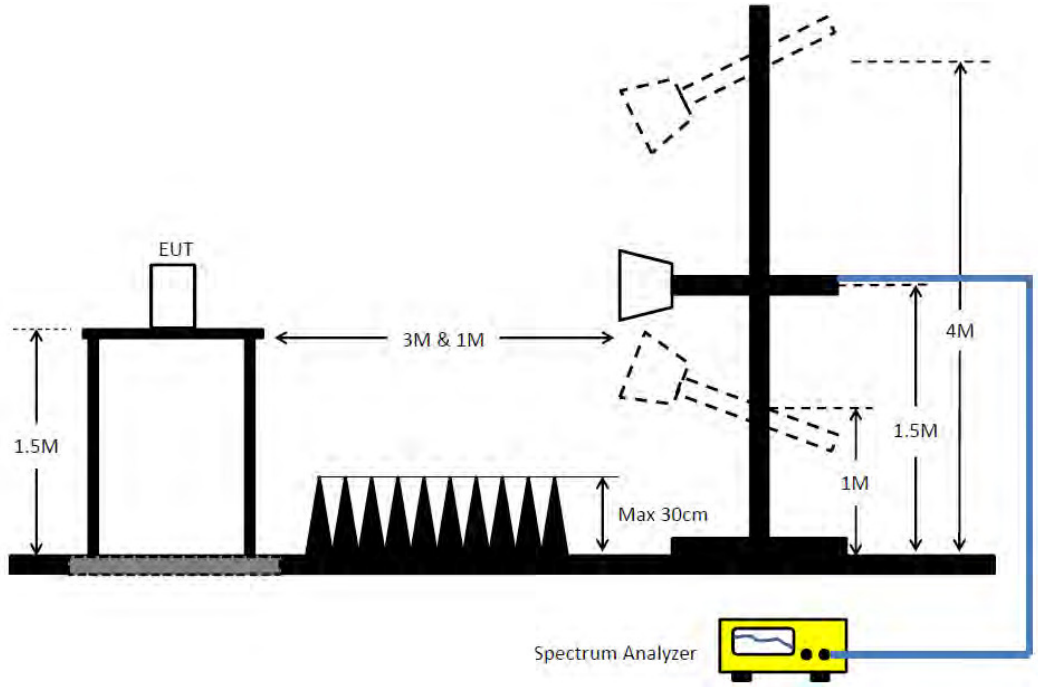
3.5.3 Test Procedures

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

3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 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.

3.6.2 Measuring Instruments

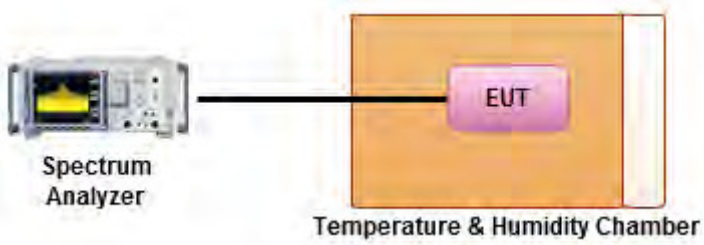
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	05/Apr/2017	04/Apr/2018
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	20/Apr/2017	19/Apr/2018
LISN (Support Unit)	MessTec	NNB-2/16Z	99079	9kHz ~ 30MHz	NCR	NCR
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832010001	9kHz ~ 30MHz	06/Mar/2017	05/Mar/2018
Impuls Begrenzer Pulse Limiter	R&S	ESH3-Z2	100920	9 kHz ~ 30 MHz	09/Nov/2016	08/Nov/2017
Impedance Stabilization Network	TESEQ	T800	23342	150kHz ~ 230MHz	02/Mar/2017	01/Mar/2018

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSP40	100593	9KHz - 40GHz	26/Oct/2016	25/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz-1GHz	21/Oct/2016	20/Oct/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Agilent	8447D	2944A11149	100KHz-1.3GHz	29/Jun/2017	28/Jun/2018
Amplifier	Agilent	8449B	3008A02373	1GHz-26.5GHz	02/Sep/2016	01/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15GHz-40GHz	06/Feb/2017	05/Feb/2018
Bilog Antenna	SCHAFFNER	CBL6112B	2723	30MHz-1GHz	01/Oct/2016	30/Sep/2017
MicrowavePreamplifier with6dB Attenuator	EMC INSTRUMENTS	EMC184045B & PE7005-	1840917	18GHz-40GHz	24/Jun/2016	23/Aug/2017
Loop Antenna	TESEQ	HLA 6120	31244	9KHz-30MHz	02/Mar/2017	01/Mar/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Jan/2017	25/Jan/2018
Receiver	R&S	ESU-26	100422/026	20Hz ~ 26.5GHz	21/Sep/2016	20/Sep/2017

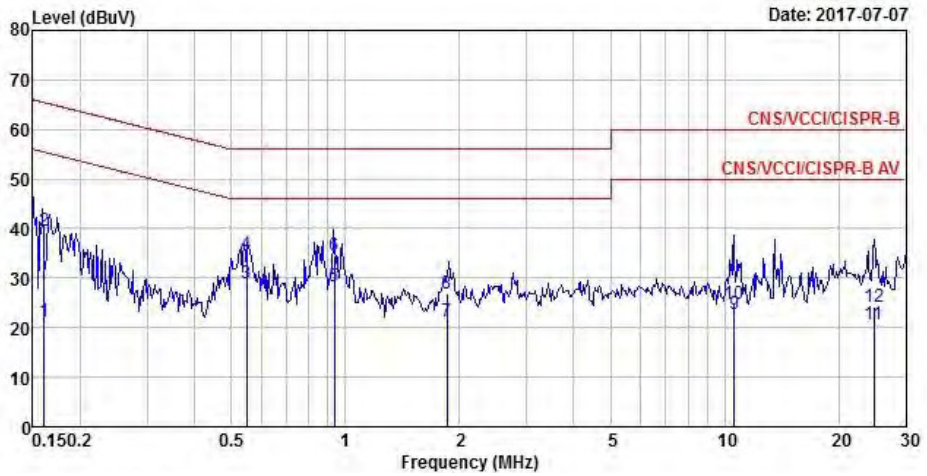
Instrument for Conducted Test <Non-Beamforming>

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	1027452	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Power Meter	Anritsu	ML2495A	1124009	300MHz ~ 40GHz	24/Feb/2017	23/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-40-CP-AR	MAA1611-005	-40 ~ 100℃	21/Nov/2016	20/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY677/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY678/3	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY22998/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY23000/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

Instrument for Conducted Test < Beamforming>

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	31/Dec/2016	30/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	21/Jul/2016	20/Jul/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10711/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10714/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10714/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10715/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10716/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10717/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

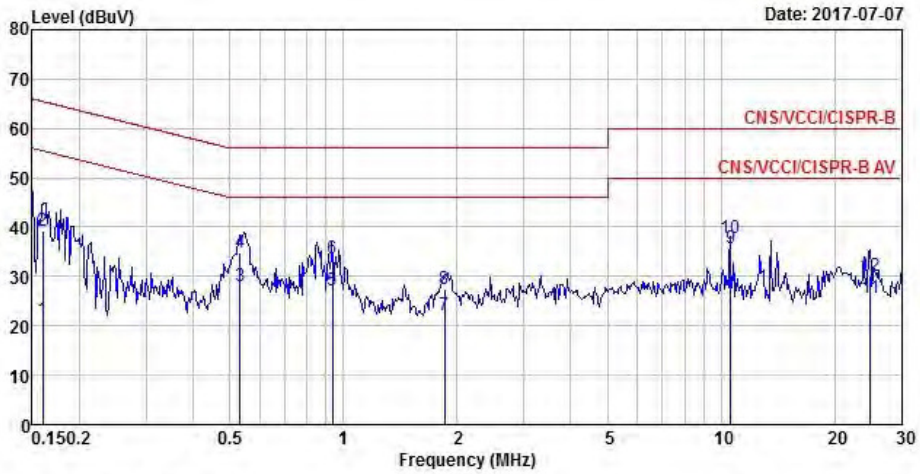
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	WiFi 2.4G & 5G, BT ON, ETH1 : 1Gbps, ETH2 : 1Gbps, AC MODE		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	21.26	-34.19	55.45	11.54	9.70	0.02	Average
2	0.16	39.42	-26.03	65.45	29.70	9.70	0.02	QP
3 MAX	0.55	29.01	-16.99	46.00	19.35	9.64	0.02	Average
4	0.55	34.87	-21.13	56.00	25.21	9.64	0.02	QP
5	0.94	28.24	-17.76	46.00	18.58	9.64	0.02	Average
6	0.94	34.65	-21.35	56.00	24.99	9.64	0.02	QP
7	1.85	21.37	-24.63	46.00	11.66	9.66	0.05	Average
8	1.85	26.74	-29.26	56.00	17.03	9.66	0.05	QP
9	10.61	22.76	-27.24	50.00	12.85	9.74	0.17	Average
10	10.61	24.91	-35.09	60.00	15.00	9.74	0.17	QP
11	24.78	20.79	-29.21	50.00	10.73	9.79	0.27	Average
12	24.78	24.23	-35.77	60.00	14.17	9.79	0.27	QP

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

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	WiFi 2.4G & 5G, BT ON, ETH1 : 1Gbps, ETH2 : 1Gbps, AC MODE		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.16	21.39	-34.08	55.47	11.74	9.63	0.02	Average
2	0.16	39.40	-26.07	65.47	29.75	9.63	0.02	QP
3	0.53	28.01	-17.99	46.00	18.36	9.63	0.02	Average
4	0.53	34.74	-21.26	56.00	25.09	9.63	0.02	QP
5	0.94	27.03	-18.97	46.00	17.38	9.63	0.02	Average
6	0.94	33.79	-22.21	56.00	24.14	9.63	0.02	QP
7	1.85	22.16	-23.84	46.00	12.46	9.65	0.05	Average
8	1.85	27.58	-28.42	56.00	17.88	9.65	0.05	QP
9 MAX	10.61	35.58	-14.42	50.00	25.72	9.69	0.17	Average
10	10.61	37.67	-22.33	60.00	27.81	9.69	0.17	QP
11	24.84	25.62	-24.38	50.00	15.74	9.61	0.27	Average
12	24.84	30.11	-29.89	60.00	20.23	9.61	0.27	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-
5.15-5.25GHz	19.675M	16.442M	16M4D1D	19.1M	16.367M
5.725-5.85GHz	16.3M	17.091M	17M1D1D	15.4M	16.442M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	20.55M	17.641M	17M6D1D	19.975M	17.566M
5.725-5.85GHz	17.575M	17.816M	17M8D1D	16.5M	17.616M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	40.05M	35.982M	36M0D1D	39.05M	35.882M
5.725-5.85GHz	35.7M	36.832M	36M8D1D	30M	36.132M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	83.6M	75.862M	75M9D1D	83.1M	75.762M
5.725-5.85GHz	76M	75.962M	76M0D1D	75.7M	75.662M

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

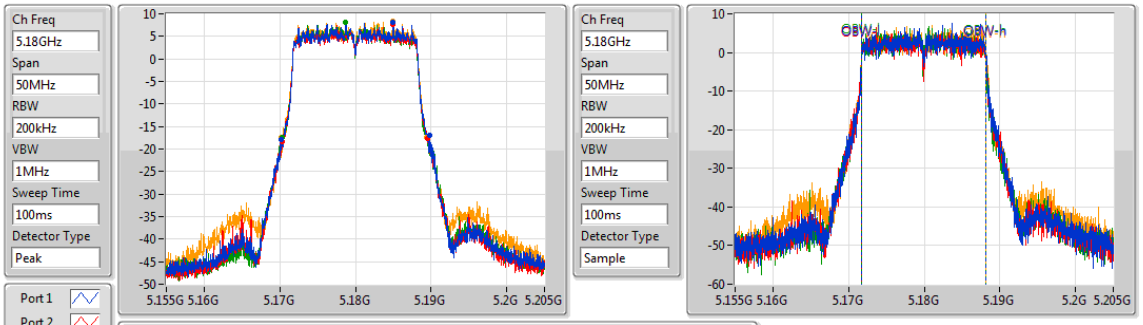
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.675M	16.417M	19.275M	16.417M	19.1M	16.367M	19.2M	16.417M
5200MHz	Pass	Inf	19.425M	16.417M	19.325M	16.417M	19.15M	16.392M	19.2M	16.417M
5240MHz	Pass	Inf	19.575M	16.417M	19.2M	16.417M	19.525M	16.442M	19.3M	16.417M
5745MHz	Pass	500k	16.3M	17.091M	16.3M	16.592M	16M	16.442M	16.025M	16.742M
5785MHz	Pass	500k	16.3M	16.892M	16.225M	16.567M	15.6M	16.542M	16.275M	16.867M
5825MHz	Pass	500k	16.3M	16.692M	16.3M	16.667M	15.4M	16.942M	16.3M	16.792M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.35M	17.566M	20.525M	17.641M	20.35M	17.591M	20.425M	17.616M
5200MHz	Pass	Inf	20.55M	17.616M	20.425M	17.616M	20.3M	17.591M	20M	17.616M
5240MHz	Pass	Inf	20.35M	17.616M	20.475M	17.641M	20.425M	17.616M	19.975M	17.641M
5745MHz	Pass	500k	17.275M	17.791M	16.525M	17.666M	16.525M	17.616M	17.525M	17.741M
5785MHz	Pass	500k	17.5M	17.816M	17.25M	17.716M	16.525M	17.641M	17.15M	17.816M
5825MHz	Pass	500k	17.525M	17.741M	16.5M	17.716M	16.5M	17.816M	17.575M	17.766M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.4M	35.982M	39.55M	35.932M	40.05M	35.982M	39.85M	35.882M
5230MHz	Pass	Inf	39.05M	35.982M	39.7M	35.982M	39.9M	35.982M	40M	35.932M
5755MHz	Pass	500k	30M	36.282M	35.25M	36.232M	35.3M	36.132M	33.8M	36.232M
5795MHz	Pass	500k	35.7M	36.832M	34.45M	36.382M	35.1M	36.382M	35M	36.432M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.1M	75.762M	83.6M	75.762M	83.5M	75.862M	83.4M	75.762M
5775MHz	Pass	500k	76M	75.762M	75.9M	75.762M	75.7M	75.962M	75.7M	75.662M

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

802.11a_Nss1,(6Mbps)_4TX **EBW**

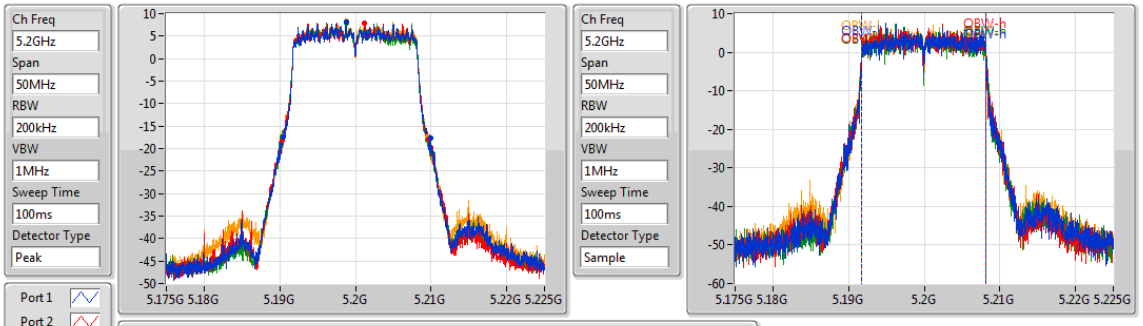
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.675M	5.170125G	5.1898G	16.417M	5.171779G	5.188196G	Inf	1
19.275M	5.1703G	5.189575G	16.417M	5.171754G	5.188171G	Inf	2
19.1M	5.170375G	5.189475G	16.367M	5.171779G	5.188146G	Inf	3
19.2M	5.17025G	5.18945G	16.417M	5.171779G	5.188196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

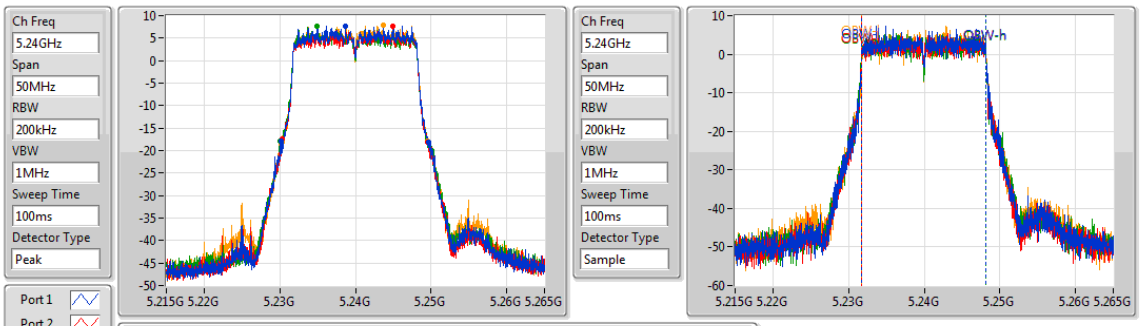
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.425M	5.1905G	5.209925G	16.417M	5.191779G	5.208196G	Inf	1
19.325M	5.1903G	5.209625G	16.417M	5.191754G	5.208171G	Inf	2
19.15M	5.19035G	5.2095G	16.392M	5.191754G	5.208146G	Inf	3
19.2M	5.190275G	5.209475G	16.417M	5.191779G	5.208196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

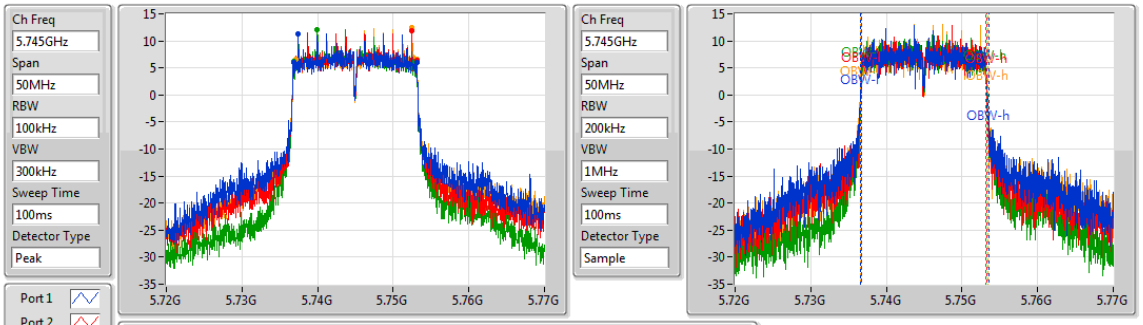
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.575M	5.230125G	5.2497G	16.417M	5.231754G	5.248171G	Inf	1
19.2M	5.230375G	5.249575G	16.417M	5.231754G	5.248171G	Inf	2
19.525M	5.2301G	5.249625G	16.442M	5.231729G	5.248171G	Inf	3
19.3M	5.230175G	5.249475G	16.417M	5.231779G	5.248196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

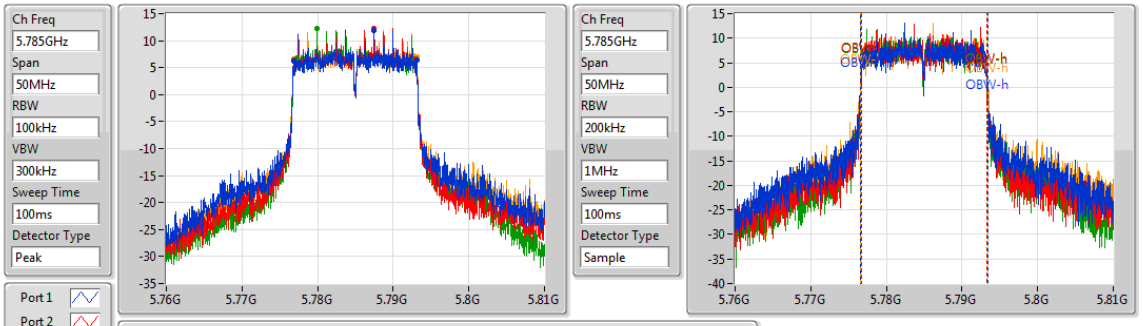
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.7368G	5.7531G	17.091M	5.736529G	5.753621G	500k	1
16.3M	5.7368G	5.7531G	16.592M	5.736654G	5.753246G	500k	2
16M	5.736825G	5.752825G	16.442M	5.736729G	5.753171G	500k	3
16.025M	5.737075G	5.7531G	16.742M	5.736629G	5.753371G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

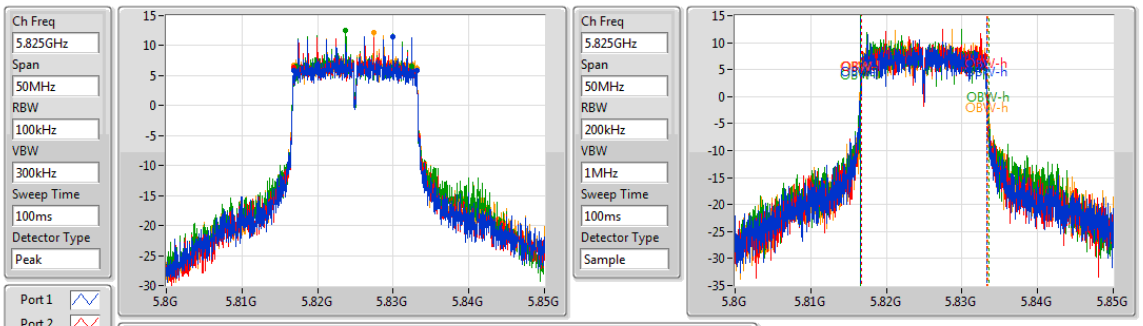
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.7768G	5.7931G	16.892M	5.776579G	5.793471G	500k	1
16.225M	5.77685G	5.793075G	16.567M	5.776704G	5.793271G	500k	2
15.6M	5.777225G	5.792825G	16.542M	5.776704G	5.793246G	500k	3
16.275M	5.776825G	5.7931G	16.867M	5.776629G	5.793496G	500k	4

802.11a_Nss1,(6Mbps)_4TX **EBW**

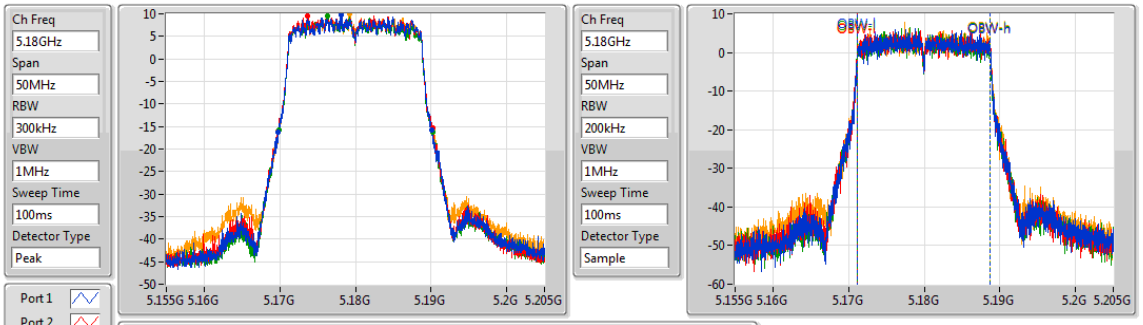
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.8168G	5.8331G	16.692M	5.816604G	5.833296G	500k	1
16.3M	5.816825G	5.833125G	16.667M	5.816654G	5.833321G	500k	2
15.4M	5.817075G	5.832475G	16.942M	5.816579G	5.833521G	500k	3
16.3M	5.816825G	5.833125G	16.792M	5.816629G	5.833421G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

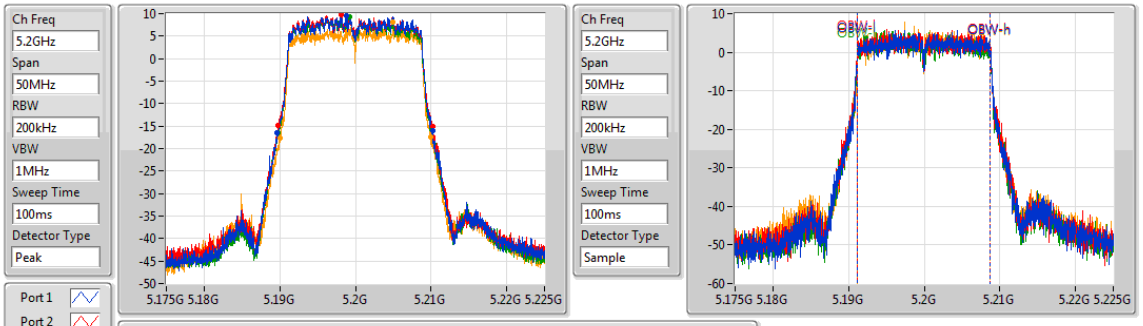
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.169775G	5.190125G	17.566M	5.171179G	5.188746G	Inf	1
20.525M	5.169725G	5.19025G	17.641M	5.171129G	5.188771G	Inf	2
20.35M	5.16985G	5.1902G	17.591M	5.171154G	5.188746G	Inf	3
20.425M	5.16975G	5.190175G	17.616M	5.171154G	5.188771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

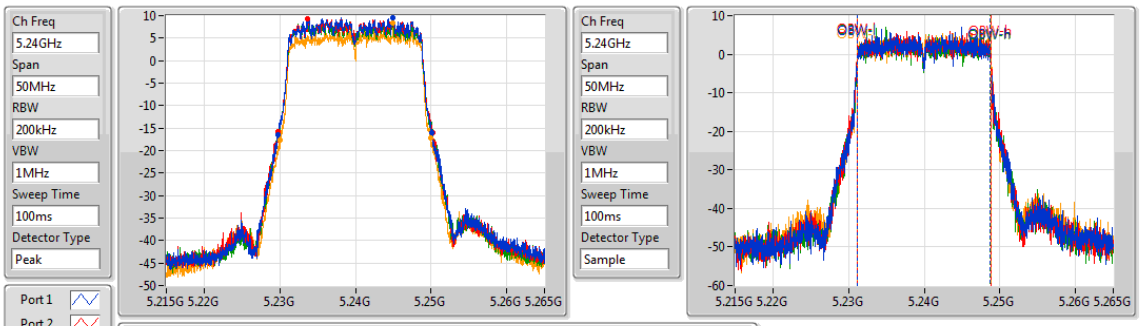
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.18965G	5.2102G	17.616M	5.191154G	5.208771G	Inf	1
20.425M	5.1898G	5.210225G	17.616M	5.191154G	5.208771G	Inf	2
20.3M	5.189825G	5.210125G	17.591M	5.191154G	5.208746G	Inf	3
20M	5.190025G	5.210025G	17.616M	5.191154G	5.208771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

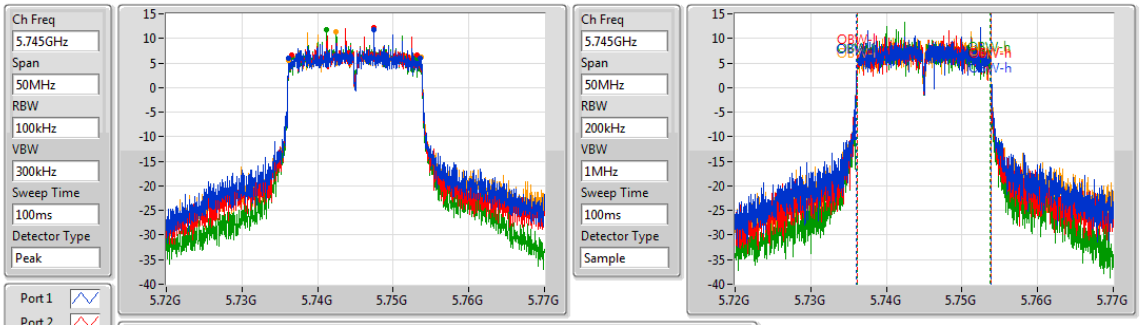
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.35M	5.229725G	5.250075G	17.616M	5.231154G	5.248771G	Inf	1
20.475M	5.22975G	5.250225G	17.641M	5.231154G	5.248796G	Inf	2
20.425M	5.229775G	5.2502G	17.616M	5.231154G	5.248771G	Inf	3
19.975M	5.23005G	5.250025G	17.641M	5.231154G	5.248796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

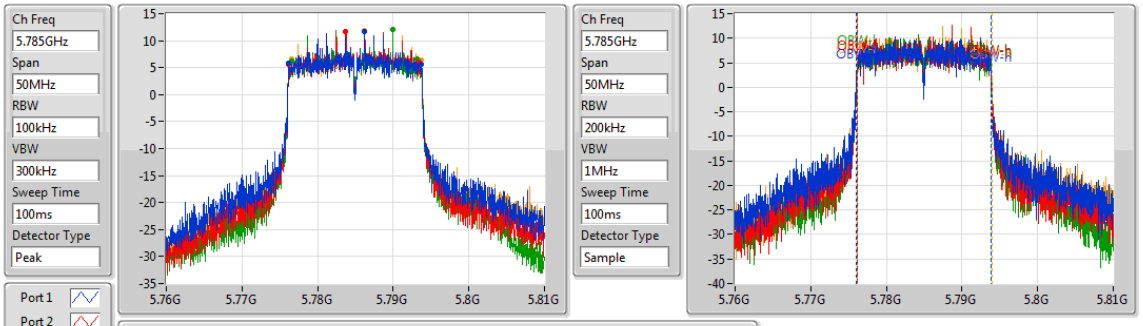
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.736225G	5.7535G	17.791M	5.736079G	5.753871G	500k	1
16.525M	5.7366G	5.753125G	17.666M	5.736129G	5.753796G	500k	2
16.525M	5.7366G	5.753125G	17.616M	5.736154G	5.753771G	500k	3
17.525M	5.7362G	5.753725G	17.741M	5.736104G	5.753846G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

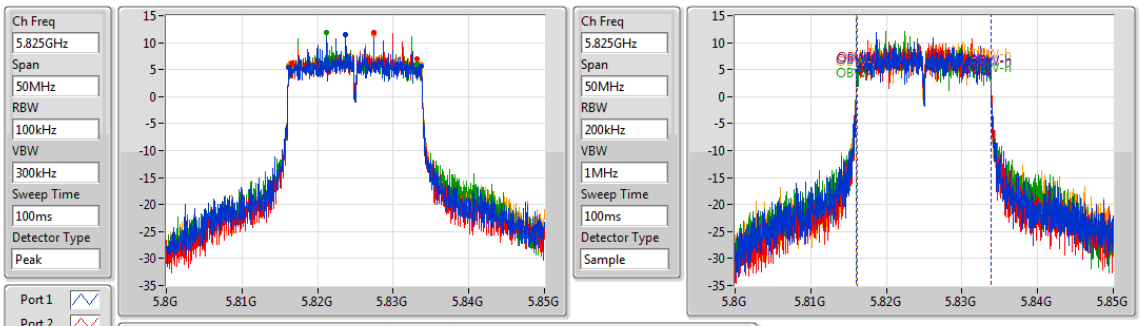
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.776225G	5.793725G	17.816M	5.776054G	5.793871G	500k	1
17.25M	5.776225G	5.793475G	17.716M	5.776129G	5.793846G	500k	2
16.525M	5.776575G	5.7931G	17.641M	5.776154G	5.793796G	500k	3
17.15M	5.776575G	5.793725G	17.816M	5.776104G	5.793921G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX **EBW**

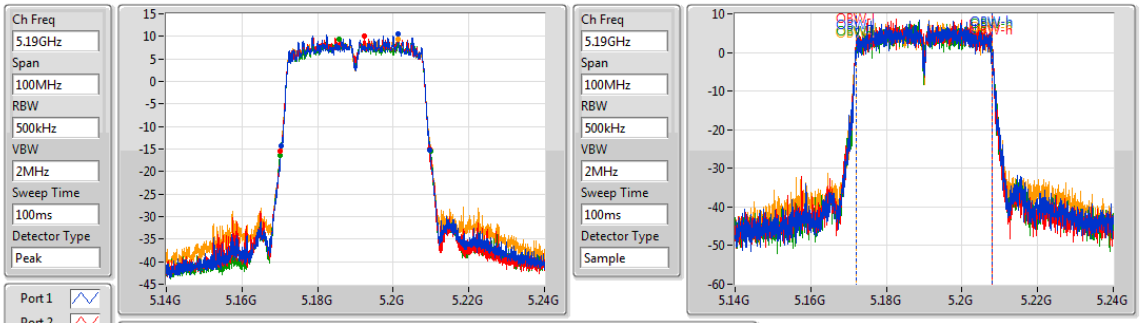
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.8162G	5.833725G	17.741M	5.816079G	5.833821G	500k	1
16.5M	5.8166G	5.8331G	17.716M	5.816104G	5.833821G	500k	2
16.5M	5.8166G	5.8331G	17.816M	5.816054G	5.833871G	500k	3
17.575M	5.816175G	5.83375G	17.766M	5.816079G	5.833846G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

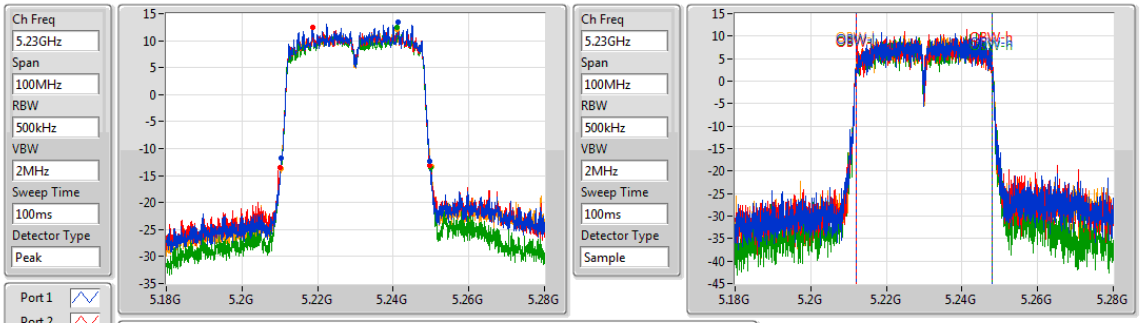
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.17035G	5.20975G	35.982M	5.172009G	5.207991G	Inf	1
39.55M	5.17015G	5.2097G	35.932M	5.172009G	5.207941G	Inf	2
40.05M	5.16995G	5.21G	35.982M	5.172009G	5.207991G	Inf	3
39.85M	5.17015G	5.21G	35.882M	5.172009G	5.207891G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

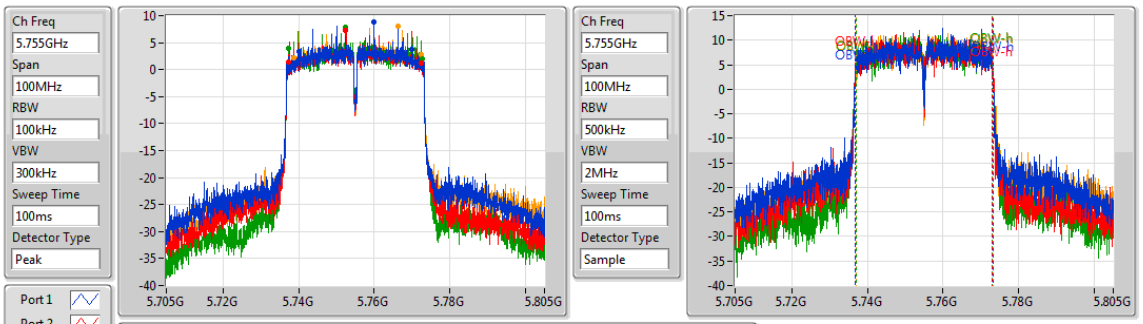
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.2105G	5.24955G	35.982M	5.212009G	5.247991G	Inf	1
39.7M	5.21005G	5.24975G	35.982M	5.212009G	5.247991G	Inf	2
39.9M	5.21015G	5.25005G	35.982M	5.212009G	5.247991G	Inf	3
40M	5.21025G	5.25025G	35.932M	5.212059G	5.247991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

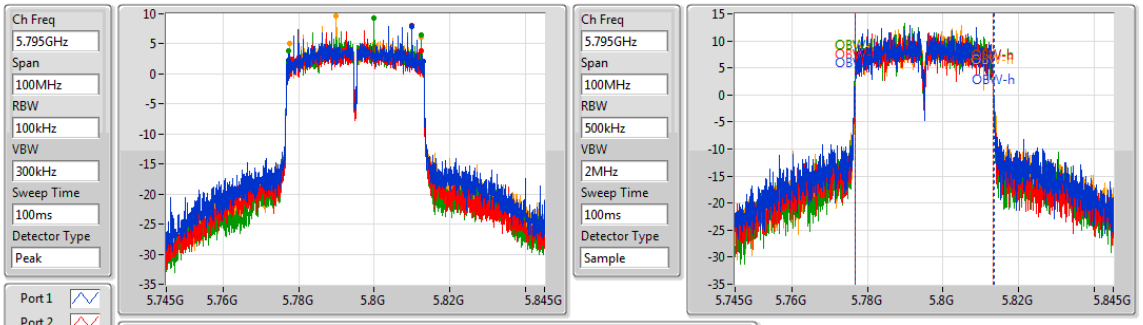
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30M	5.74G	5.77G	36.282M	5.736859G	5.773141G	500k	1
35.25M	5.73725G	5.7725G	36.232M	5.736859G	5.773091G	500k	2
35.3M	5.73745G	5.77275G	36.132M	5.736909G	5.773041G	500k	3
33.8M	5.7387G	5.7725G	36.232M	5.736909G	5.773141G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

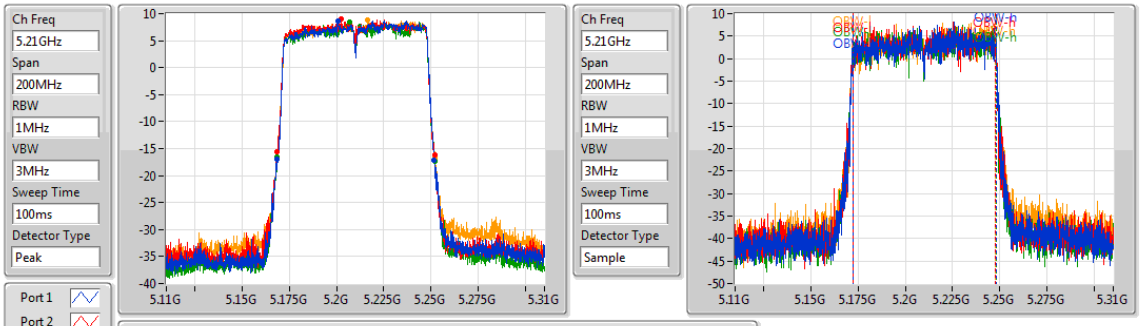
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.7774G	5.8131G	36.832M	5.776659G	5.813491G	500k	1
34.45M	5.77805G	5.8125G	36.382M	5.776759G	5.813141G	500k	2
35.1M	5.7774G	5.8125G	36.382M	5.776809G	5.813191G	500k	3
35M	5.7775G	5.8125G	36.432M	5.776809G	5.813241G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

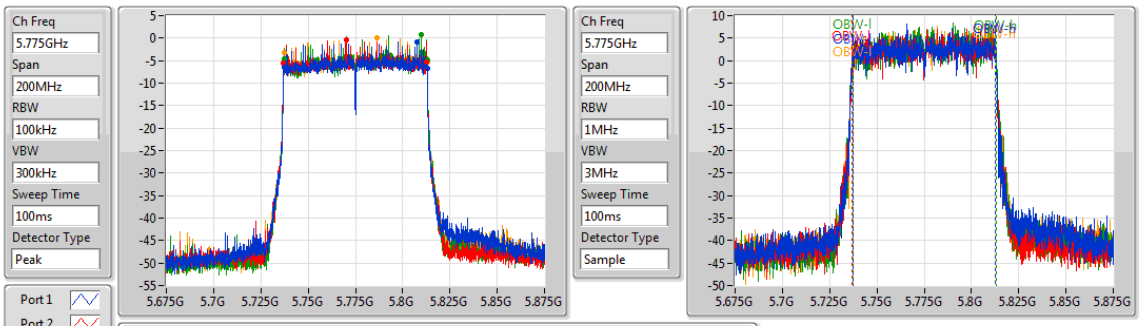
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.1M	5.1686G	5.2517G	75.762M	5.172219G	5.247981G	Inf	1
83.6M	5.1683G	5.2519G	75.762M	5.172119G	5.247881G	Inf	2
83.5M	5.1686G	5.2521G	75.862M	5.172119G	5.247981G	Inf	3
83.4M	5.1687G	5.2521G	75.762M	5.172119G	5.247881G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76M	5.7372G	5.8132G	75.762M	5.737119G	5.812881G	500k	1
75.9M	5.7368G	5.8127G	75.762M	5.737019G	5.812781G	500k	2
75.7M	5.7374G	5.8131G	75.962M	5.737119G	5.813081G	500k	3
75.7M	5.7374G	5.8131G	75.662M	5.737219G	5.812881G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	83.8M	75.962M	76M0D1D	82.7M	75.762M
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	75.4M	76.062M	76M1D1D	74.2M	75.962M

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

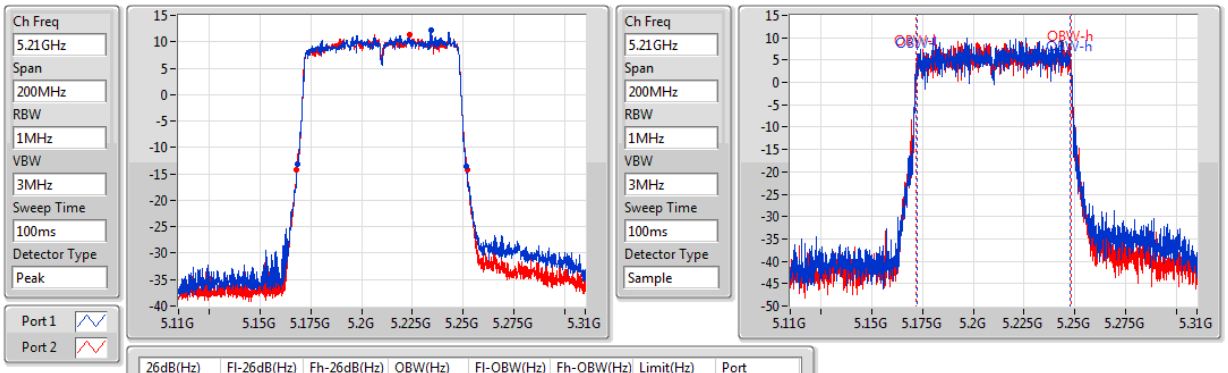
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	Inf	82.7M	75.762M	83.8M	75.962M				
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz	Pass	500k					75.4M	75.962M	74.2M	76.062M

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 VHT80+80_Nss1,(MCS0)_2TX **EBW**

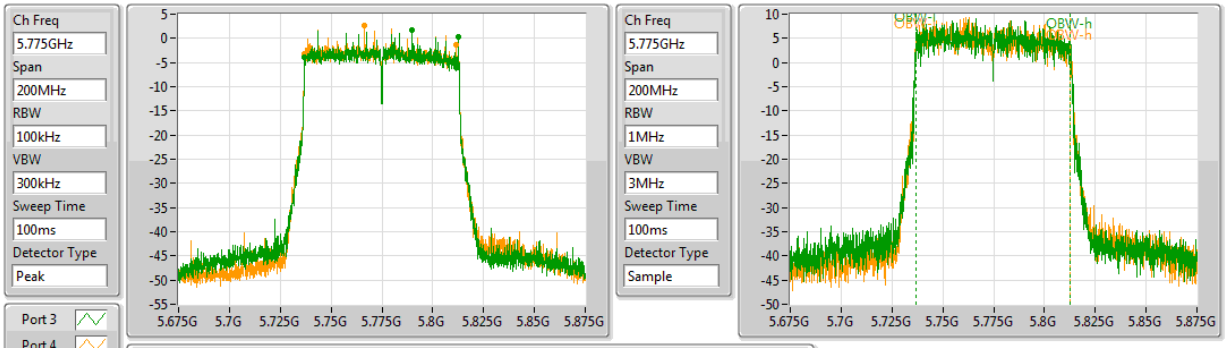
#5210MHz,5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.7M	5.1686G	5.2513G	75.762M	5.172119G	5.247881G	Inf	1
83.8M	5.1682G	5.252G	75.962M	5.172019G	5.247981G	Inf	2

802.11ac VHT80+80_Nss1,(MCS0)_2TX **EBW**

5210MHz,#5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.4M	5.7371G	5.8125G	75.962M	5.736919G	5.812881G	500k	3
74.2M	5.7371G	5.8113G	76.062M	5.736819G	5.812881G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	20.7M	17.716M	17M7D1D	19.15M	17.466M
5.725-5.85GHz	17.625M	17.716M	17M7D1D	14.275M	17.441M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	40.2M	35.982M	36M0D1D	38.8M	35.832M
5.725-5.85GHz	35.1M	36.182M	36M2D1D	30M	35.682M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-
5.15-5.25GHz	82.9M	75.862M	75M9D1D	81.2M	75.462M
5.725-5.85GHz	76.2M	75.962M	76M0D1D	73.8M	75.662M

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

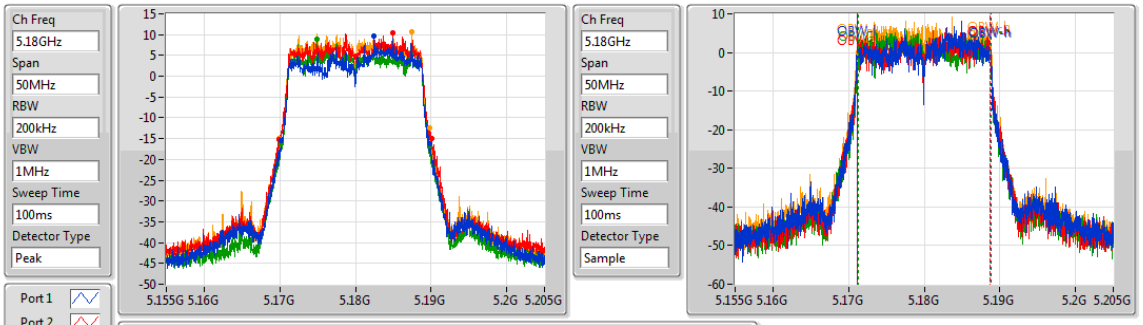
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	19.55M	17.691M	20.125M	17.641M	19.725M	17.516M	19.95M	17.591M
5200MHz_TnomVnom	Pass	Inf	19.75M	17.691M	19.95M	17.641M	19.925M	17.516M	19.875M	17.541M
5240MHz_TnomVnom	Pass	Inf	19.6M	17.716M	20.7M	17.691M	19.275M	17.541M	19.15M	17.466M
5745MHz_TnomVnom	Pass	500k	17.55M	17.666M	17.625M	17.716M	16.575M	17.441M	16M	17.491M
5785MHz_TnomVnom	Pass	500k	17.6M	17.716M	17.525M	17.716M	16.55M	17.516M	16.225M	17.516M
5825MHz_TnomVnom	Pass	500k	17.6M	17.691M	17.575M	17.716M	16.925M	17.491M	14.275M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	39.7M	35.982M	39.75M	35.982M	38.85M	35.882M	38.8M	35.982M
5230MHz_TnomVnom	Pass	Inf	39.3M	35.932M	39.3M	35.882M	39.05M	35.832M	40.2M	35.932M
5755MHz_TnomVnom	Pass	500k	32.55M	35.932M	32.5M	35.882M	35.1M	36.032M	33.8M	36.032M
5795MHz_TnomVnom	Pass	500k	33.85M	35.682M	30M	35.782M	34.05M	36.132M	35.05M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	82.7M	75.762M	81.8M	75.862M	81.2M	75.462M	82.9M	75.662M
5775MHz_TnomVnom	Pass	500k	73.8M	75.662M	75M	75.662M	76.2M	75.962M	75M	75.962M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

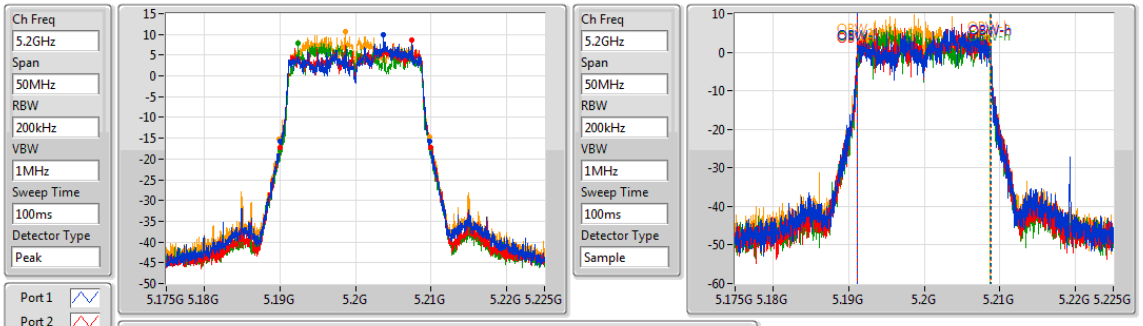
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.55M	5.170225G	5.189775G	17.691M	5.171104G	5.188796G	Inf	1
20.125M	5.16995G	5.190075G	17.641M	5.171129G	5.188771G	Inf	2
19.725M	5.17015G	5.189875G	17.516M	5.171229G	5.188746G	Inf	3
19.95M	5.169925G	5.189875G	17.591M	5.171154G	5.188746G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

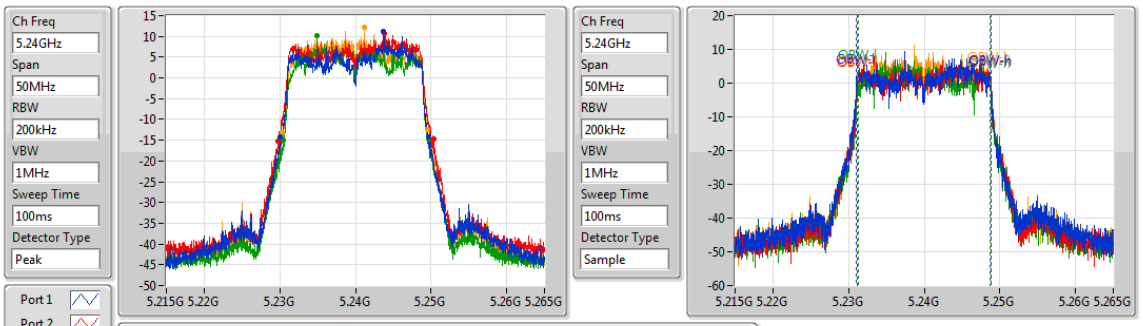
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.75M	5.19005G	5.2098G	17.691M	5.191104G	5.208796G	Inf	1
19.95M	5.190025G	5.209975G	17.641M	5.191154G	5.208796G	Inf	2
19.925M	5.189975G	5.2099G	17.516M	5.191204G	5.208721G	Inf	3
19.875M	5.18995G	5.209825G	17.541M	5.191179G	5.208721G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

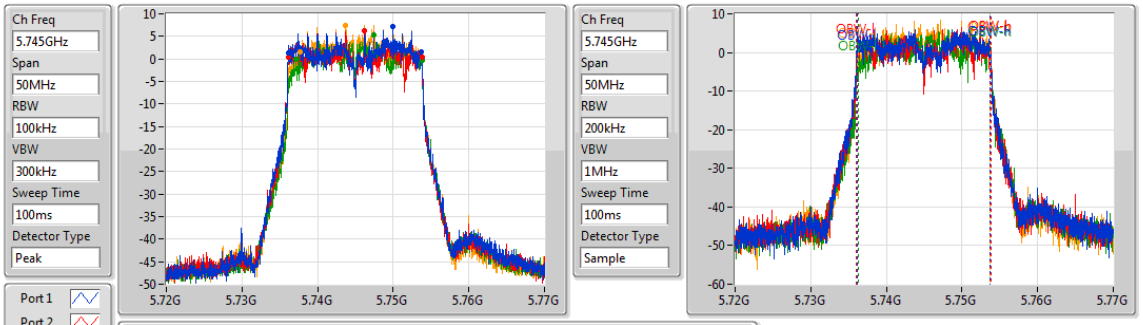
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.6M	5.230025G	5.249625G	17.716M	5.231079G	5.248796G	Inf	1
20.7M	5.229725G	5.250425G	17.691M	5.231129G	5.248821G	Inf	2
19.275M	5.230425G	5.2497G	17.541M	5.231229G	5.248771G	Inf	3
19.15M	5.230375G	5.249525G	17.466M	5.231229G	5.248696G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

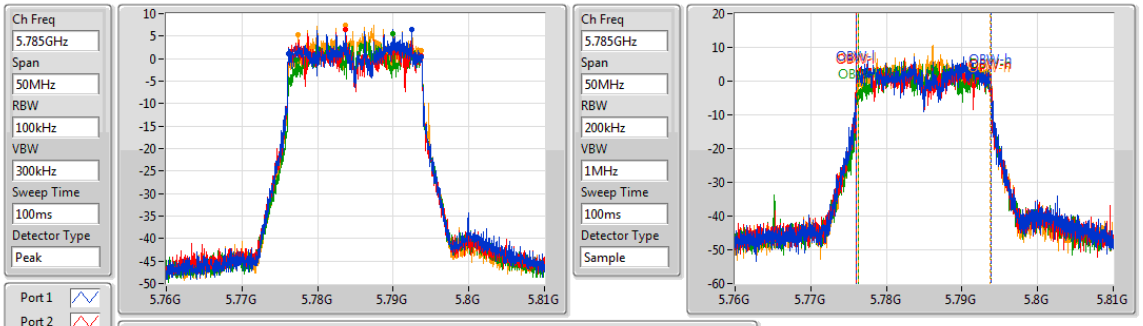
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73615G	5.7537G	17.666M	5.736104G	5.753771G	500k	1
17.625M	5.73615G	5.753775G	17.716M	5.736079G	5.753796G	500k	2
16.575M	5.7372G	5.753775G	17.441M	5.736354G	5.753796G	500k	3
16M	5.7377G	5.7537G	17.491M	5.736279G	5.753771G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

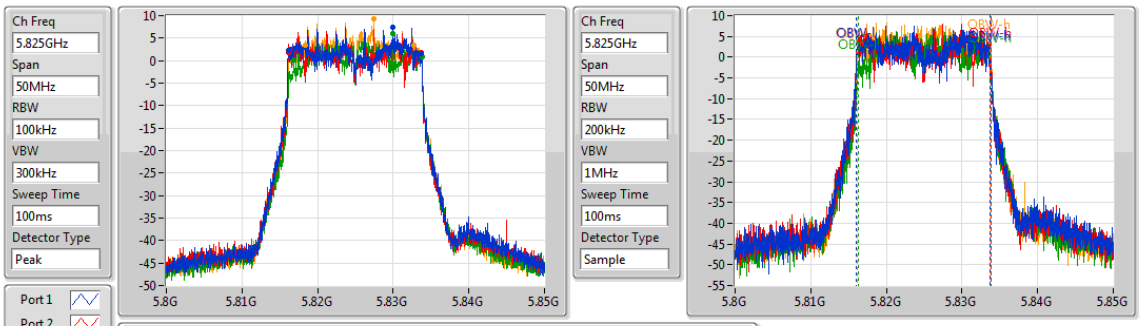
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.77615G	5.79375G	17.716M	5.776079G	5.793796G	500k	1
17.525M	5.776175G	5.7937G	17.716M	5.776079G	5.793796G	500k	2
16.55M	5.7772G	5.79375G	17.516M	5.776304G	5.793821G	500k	3
16.225M	5.777475G	5.7937G	17.516M	5.776229G	5.793746G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

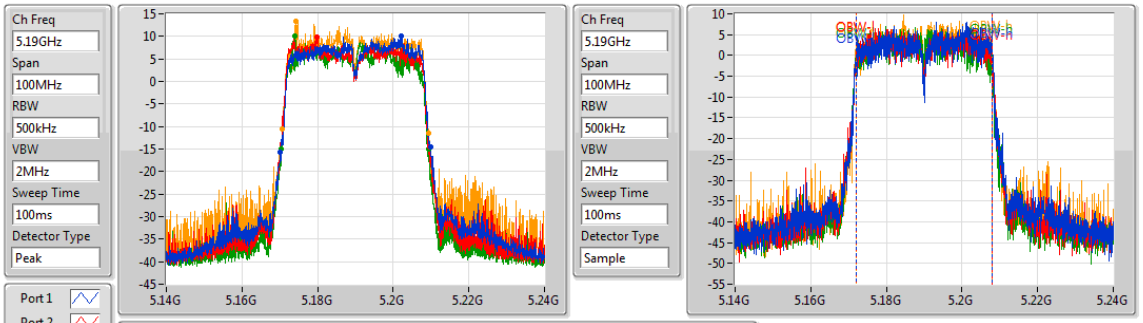
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	5.81615G	5.83375G	17.691M	5.816079G	5.833771G	500k	1
17.575M	5.81615G	5.833725G	17.716M	5.816079G	5.833796G	500k	2
16.925M	5.81685G	5.833775G	17.491M	5.816304G	5.833796G	500k	3
14.275M	5.8184G	5.832675G	17.566M	5.816204G	5.833771G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

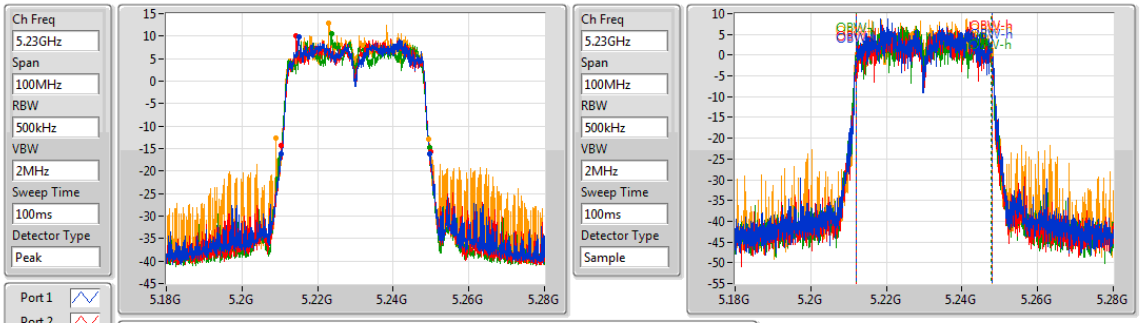
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.7M	5.1702G	5.2099G	35.982M	5.172009G	5.207991G	Inf	1
39.75M	5.17G	5.20975G	35.982M	5.172009G	5.207991G	Inf	2
38.85M	5.17045G	5.2093G	35.882M	5.171959G	5.207841G	Inf	3
38.8M	5.1706G	5.2094G	35.982M	5.171909G	5.207891G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

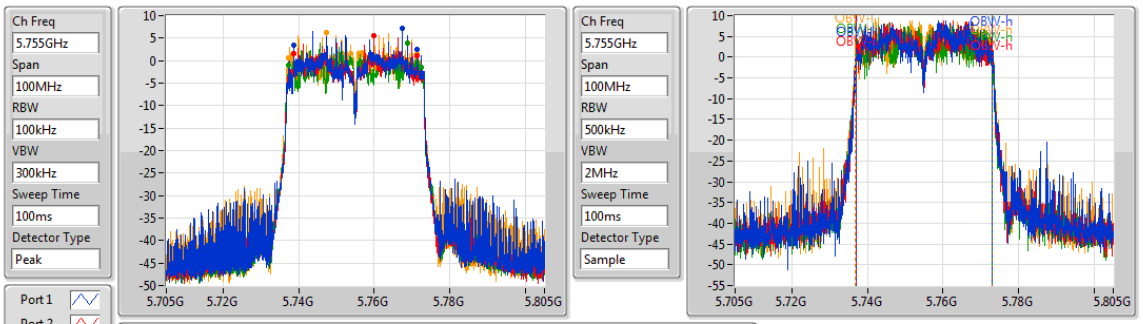
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.3M	5.2103G	5.2496G	35.932M	5.212109G	5.248041G	Inf	1
39.3M	5.2105G	5.2498G	35.882M	5.212109G	5.247991G	Inf	2
39.05M	5.21045G	5.2495G	35.832M	5.211959G	5.247791G	Inf	3
40.2M	5.2091G	5.2493G	35.932M	5.211959G	5.247891G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

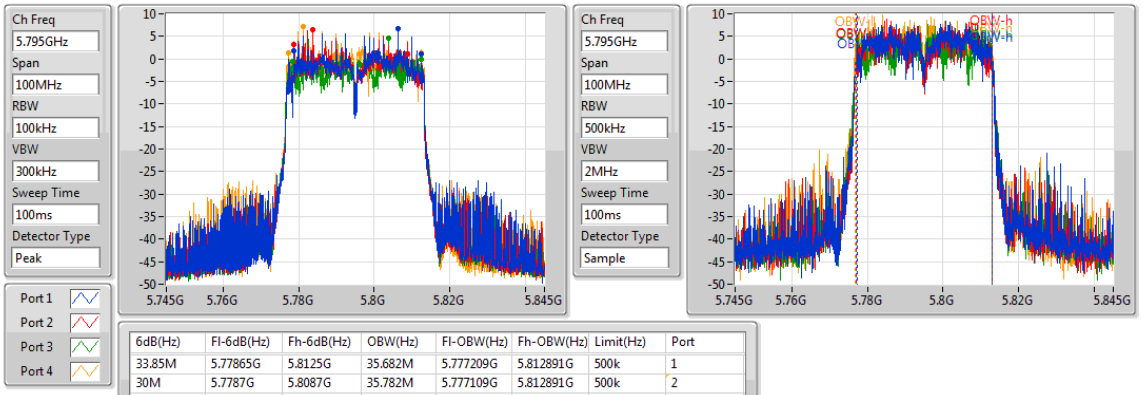
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	5.7387G	5.77125G	35.932M	5.737109G	5.773041G	500k	1
32.5M	5.7387G	5.7712G	35.882M	5.737109G	5.772991G	500k	2
35.1M	5.73735G	5.77245G	36.032M	5.736909G	5.772941G	500k	3
33.8M	5.73745G	5.77125G	36.032M	5.736859G	5.772891G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

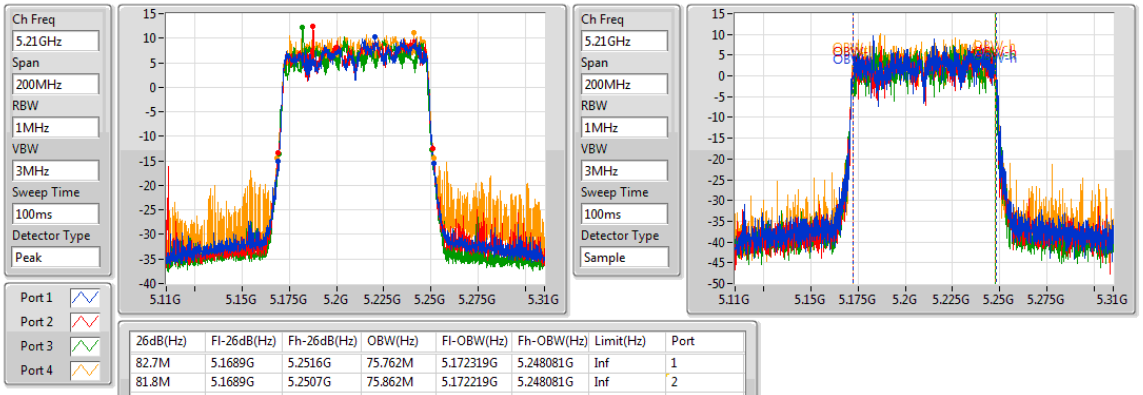
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.85M	5.77865G	5.8125G	35.682M	5.777209G	5.812891G	500k	1
30M	5.7787G	5.8087G	35.782M	5.777109G	5.812891G	500k	2
34.05M	5.7784G	5.81245G	36.132M	5.776909G	5.813041G	500k	3
35.05M	5.77745G	5.8125G	36.182M	5.776809G	5.812991G	500k	4

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

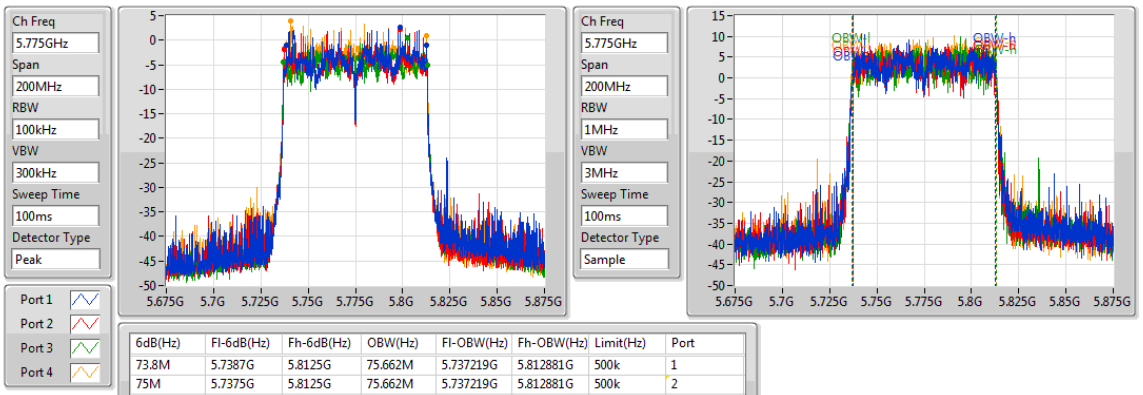
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.7M	5.1689G	5.2516G	75.762M	5.172319G	5.248081G	Inf	1
81.8M	5.1689G	5.2507G	75.862M	5.172219G	5.248081G	Inf	2
81.2M	5.1694G	5.2506G	75.462M	5.172219G	5.247681G	Inf	3
82.9M	5.1686G	5.2515G	75.662M	5.172219G	5.247881G	Inf	4

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

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.8M	5.7387G	5.8125G	75.662M	5.737219G	5.812881G	500k	1
75M	5.7375G	5.8125G	75.662M	5.737219G	5.812881G	500k	2
76.2M	5.737G	5.8132G	75.962M	5.737019G	5.812981G	500k	3
75M	5.7375G	5.8125G	75.962M	5.737019G	5.812981G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.15-5.25GHz	82.7M	75.862M	75M9D1D	81.4M	75.662M
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-
5.725-5.85GHz	76M	75.862M	75M9D1D	72.4M	75.362M

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

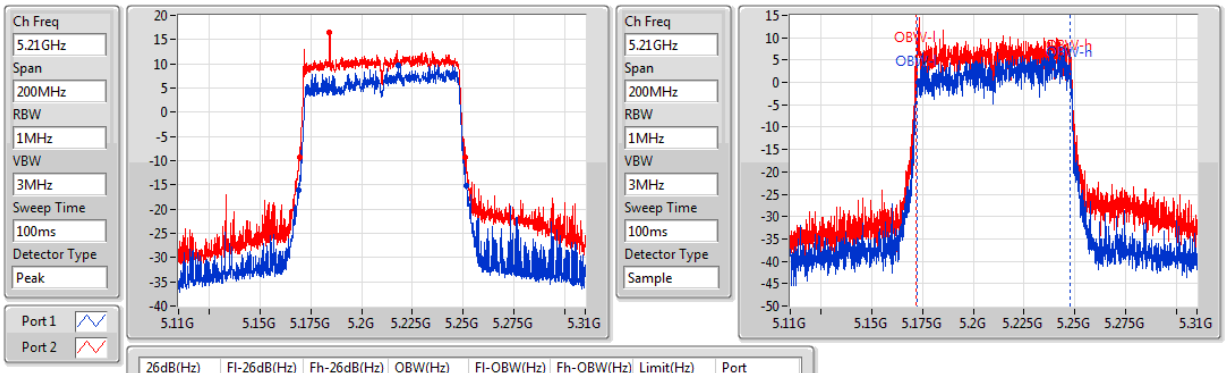
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz_TnomVnom	Pass	Inf	82.7M	75.662M	81.4M	75.862M				
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz_TnomVnom	Pass	500k					76M	75.862M	72.4M	75.362M

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 VHT80+80-BF_Nss1,(MCS0)_2TX **EBW**

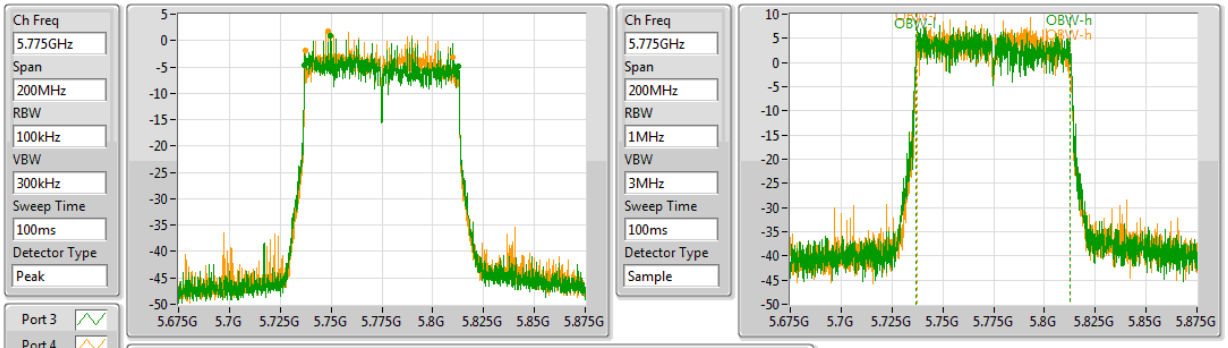
#5210MHz,5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.7M	5.169G	5.2517G	75.662M	5.172219G	5.247881G	Inf	1
81.4M	5.1696G	5.251G	75.862M	5.172019G	5.247881G	Inf	2

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX **EBW**

5210MHz,#5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76M	5.7368G	5.8128G	75.862M	5.736919G	5.812781G	500k	3
72.4M	5.7375G	5.8099G	75.362M	5.737119G	5.812481G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-
5.15-5.25GHz	24.37	0.27353	30.48	1.11686
5.725-5.85GHz	28.86	0.76913	34.97	3.14051
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	24.35	0.27227	30.46	1.11173
5.725-5.85GHz	28.35	0.68391	34.46	2.79254
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	27.23	0.52845	33.34	2.15774
5.725-5.85GHz	28.28	0.67298	34.39	2.74789
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	23.77	0.23823	29.88	0.97275
5.725-5.85GHz	23.87	0.24378	29.98	0.99541

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.11	18.30	18.08	18.23	18.76	24.37	29.89	30.48	36.00
5200MHz	Pass	6.11	18.32	17.89	18.04	18.66	24.26	29.89	30.37	36.00
5240MHz	Pass	6.11	18.58	17.56	17.51	18.12	23.99	29.89	30.10	36.00
5745MHz	Pass	6.11	22.68	22.95	22.89	22.85	28.86	29.89	34.97	36.00
5785MHz	Pass	6.11	22.12	22.31	22.38	22.40	28.32	29.89	34.43	36.00
5825MHz	Pass	6.11	21.72	22.20	22.54	22.61	28.30	29.89	34.41	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.11	18.10	18.49	18.02	18.48	24.30	29.89	30.41	36.00
5200MHz	Pass	6.11	18.08	18.40	17.91	18.40	24.22	29.89	30.33	36.00
5240MHz	Pass	6.11	18.32	18.57	17.84	18.56	24.35	29.89	30.46	36.00
5745MHz	Pass	6.11	22.08	22.21	22.14	22.21	28.18	29.89	34.29	36.00
5785MHz	Pass	6.11	21.97	22.26	22.61	22.47	28.35	29.89	34.46	36.00
5825MHz	Pass	6.11	22.00	22.27	22.39	22.15	28.23	29.89	34.34	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.11	18.68	18.89	18.61	18.94	24.80	29.89	30.91	36.00
5230MHz	Pass	6.11	21.34	21.29	20.91	21.30	27.23	29.89	33.34	36.00
5755MHz	Pass	6.11	21.72	21.61	21.77	21.81	27.75	29.89	33.86	36.00
5795MHz	Pass	6.11	22.27	22.12	22.31	22.35	28.28	29.89	34.39	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.11	17.57	17.97	17.38	18.04	23.77	29.89	29.88	36.00
5775MHz	Pass	6.11	17.91	17.41	17.94	18.11	23.87	29.89	29.98	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	22.37	0.17258	28.48	0.70469
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	21.71	0.14825	27.82	0.60534

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	6.11	22.37	29.89	28.48	36.00	19.39	19.33		
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz	Pass	6.11	21.71	29.89	27.82	36.00			18.56	18.84

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	24.05	0.25410	35.80	3.80189
5.725-5.85GHz	24.24	0.26546	35.99	3.97192
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	23.51	0.22439	35.26	3.35738
5.725-5.85GHz	24.18	0.26182	35.93	3.91742
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-
5.15-5.25GHz	23.41	0.21928	35.16	3.28095
5.725-5.85GHz	24.19	0.26242	35.94	3.92645

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.75	16.31	16.91	17.10	19.60	23.70	24.25	35.45	36.00
5200MHz_TnomVnom	Pass	11.75	16.64	16.54	17.33	19.15	23.57	24.25	35.32	36.00
5240MHz_TnomVnom	Pass	11.75	17.75	17.40	17.52	19.20	24.05	24.25	35.80	36.00
5745MHz_TnomVnom	Pass	11.75	17.75	16.86	16.89	18.55	23.59	24.25	35.34	36.00
5785MHz_TnomVnom	Pass	11.75	17.06	16.89	17.23	19.02	23.66	24.25	35.41	36.00
5825MHz_TnomVnom	Pass	11.75	18.19	17.49	17.68	19.27	24.24	24.25	35.99	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.75	16.90	16.68	16.54	19.23	23.51	24.25	35.26	36.00
5230MHz_TnomVnom	Pass	11.75	16.90	17.02	16.87	18.24	23.32	24.25	35.07	36.00
5755MHz_TnomVnom	Pass	11.75	18.18	18.34	17.50	18.56	24.18	24.25	35.93	36.00
5795MHz_TnomVnom	Pass	11.75	17.97	17.85	16.90	18.63	23.90	24.25	35.65	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.75	17.34	17.05	16.96	18.10	23.41	24.25	35.16	36.00
5775MHz_TnomVnom	Pass	11.75	18.36	17.87	17.39	18.90	24.19	24.25	35.94	36.00

DG = Directional Gain; **Port X** = Port X output power
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10)+10^(5/10)+10^(6.11/10))/4)+10log(4/1)=11.75

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.15-5.25GHz	22.19	0.16558	31.08	1.28233
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-
5.725-5.85GHz	21.15	0.13032	29.73	0.93972

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz_TnomVnom	Pass	8.89	22.19	27.11	31.08	36.00	16.98	20.63		
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz_TnomVnom	Pass	8.58	21.15	27.42	29.73	36.00			17.66	18.57

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

#5210MHz,5775MHz:
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10))/2)+10log(2/1)=8.89

5210MHz,#5775MHz:
Directional Gain = 10log(((10^(5/10)+10^(6.11/10))/2)+10log(2/1)=8.58

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-
5.15-5.25GHz	10.99	22.74
5.725-5.85GHz	14.17	25.92
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	11.21	22.96
5.725-5.85GHz	13.99	25.74
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	10.94	22.69
5.725-5.85GHz	10.95	22.70
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	4.36	16.11
5.725-5.85GHz	2.57	14.32

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

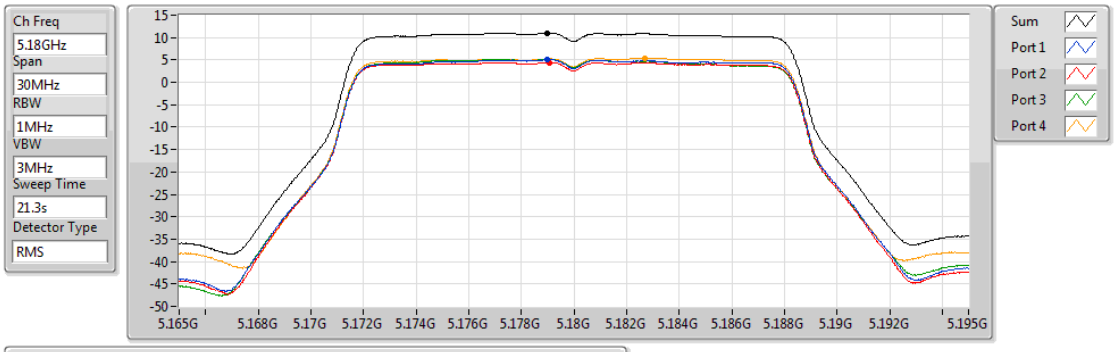
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.75	5.06	4.42	5.13	5.43	10.98	11.25	22.73	Inf
5200MHz	Pass	11.75	5.13	4.54	5.11	5.36	10.99	11.25	22.74	Inf
5240MHz	Pass	11.75	5.51	4.40	4.66	5.29	10.86	11.25	22.61	Inf
5745MHz	Pass	11.75	8.09	8.34	8.40	8.09	14.17	24.25	25.92	Inf
5785MHz	Pass	11.75	7.99	8.32	8.53	8.15	14.15	24.25	25.90	Inf
5825MHz	Pass	11.75	7.76	8.02	8.47	8.05	13.99	24.25	25.74	Inf
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.75	5.36	5.52	5.12	5.43	10.93	11.25	22.68	Inf
5200MHz	Pass	11.75	5.16	5.50	5.24	5.40	10.94	11.25	22.69	Inf
5240MHz	Pass	11.75	5.96	5.82	5.32	5.69	11.21	11.25	22.96	Inf
5745MHz	Pass	11.75	8.52	8.59	8.67	8.41	13.99	24.25	25.74	Inf
5785MHz	Pass	11.75	8.37	8.55	8.93	8.30	13.98	24.25	25.73	Inf
5825MHz	Pass	11.75	7.90	8.15	8.60	8.51	13.81	24.25	25.56	Inf
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.75	2.36	2.62	2.64	2.72	8.51	11.25	20.26	Inf
5230MHz	Pass	11.75	5.05	5.05	4.84	5.16	10.94	11.25	22.69	Inf
5755MHz	Pass	11.75	4.35	4.16	4.79	4.41	10.33	24.25	22.08	Inf
5795MHz	Pass	11.75	4.82	4.94	5.38	5.02	10.95	24.25	22.70	Inf
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.75	-1.59	-1.64	-1.76	-1.44	4.36	11.25	16.11	Inf
5775MHz	Pass	11.75	-3.62	-3.87	-2.73	-3.27	2.57	24.25	14.32	Inf

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10)+10^(5/10)+10^(6.11/10))/4)+10log(4/1)=11.75

802.11a_Nss1,(6Mbps)_4TX PSD

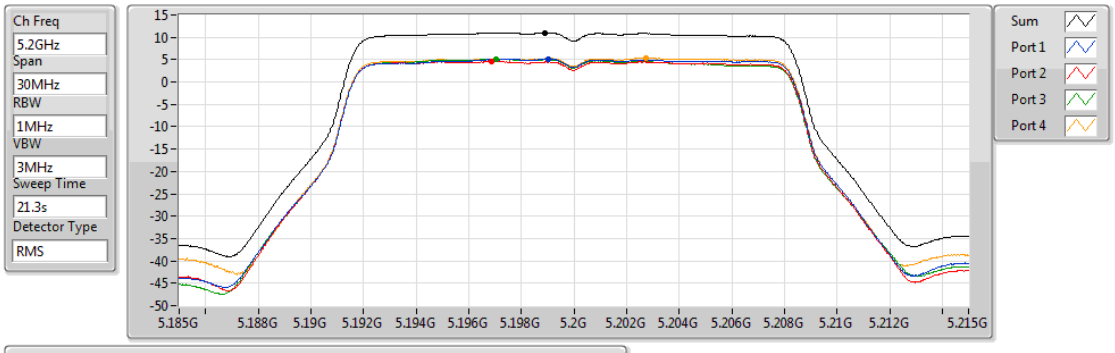
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.06	4.42	5.13	5.43

802.11a_Nss1,(6Mbps)_4TX PSD

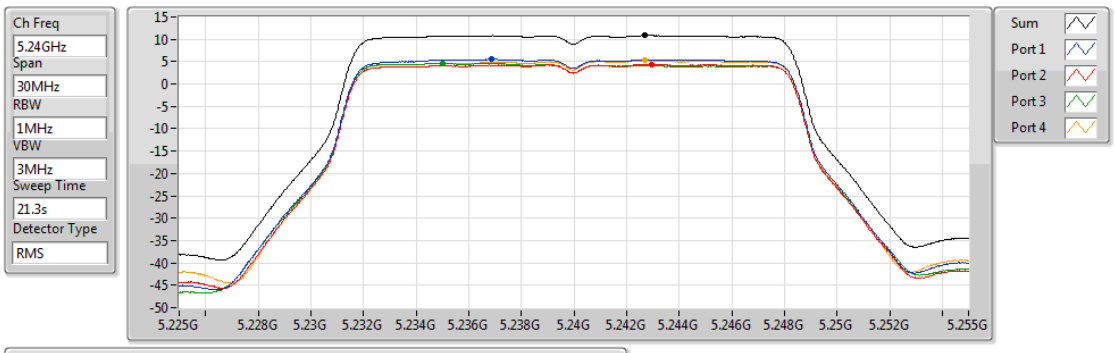
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	5.13	4.54	5.11	5.36

802.11a_Nss1,(6Mbps)_4TX PSD

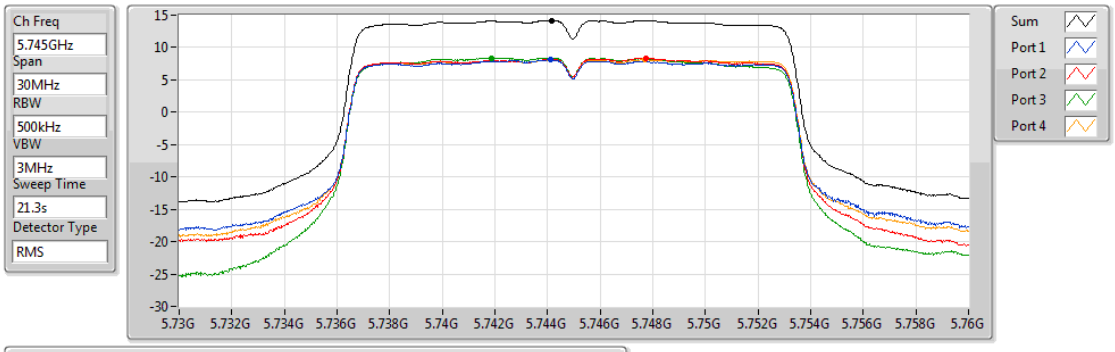
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	5.51	4.40	4.66	5.29

802.11a_Nss1,(6Mbps)_4TX **PSD**

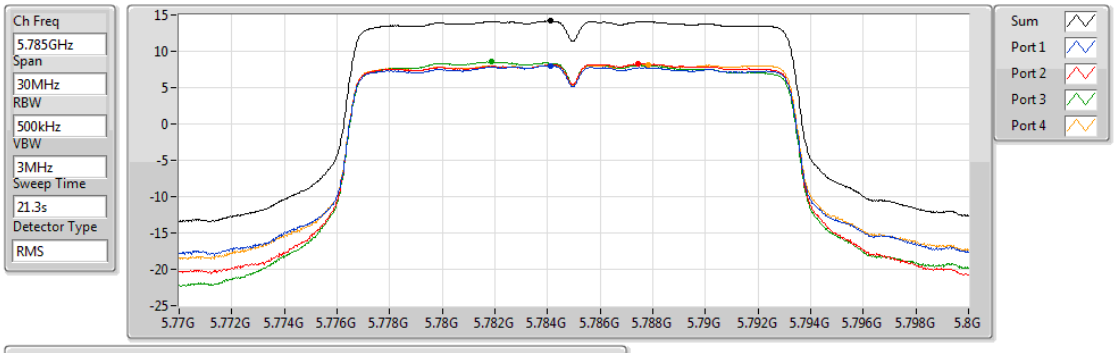
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.17	14.17	8.09	8.34	8.40	8.09

802.11a_Nss1,(6Mbps)_4TX **PSD**

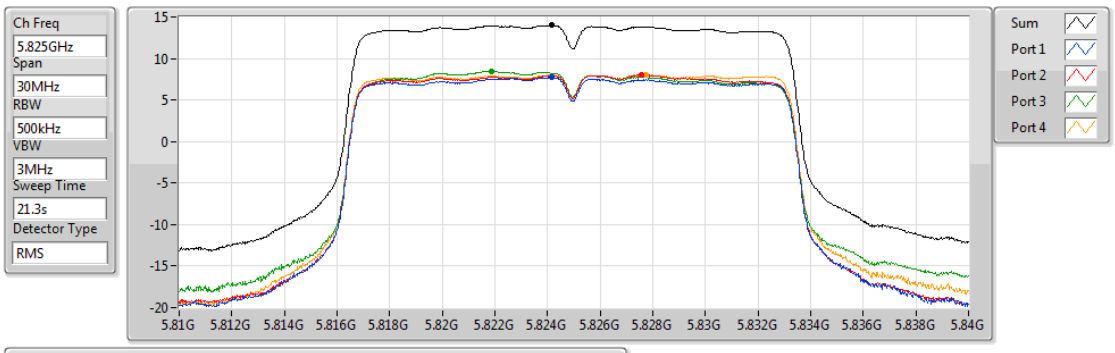
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.15	14.15	7.99	8.32	8.53	8.15

802.11a_Nss1,(6Mbps)_4TX **PSD**

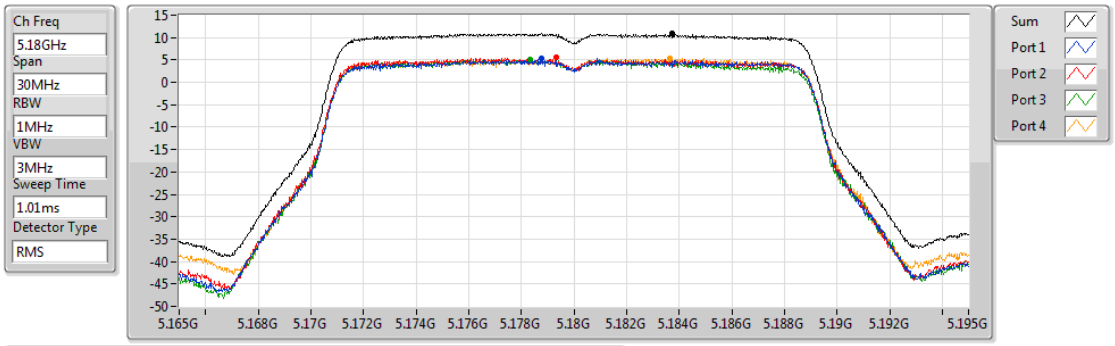
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.99	13.99	7.76	8.02	8.47	8.05

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

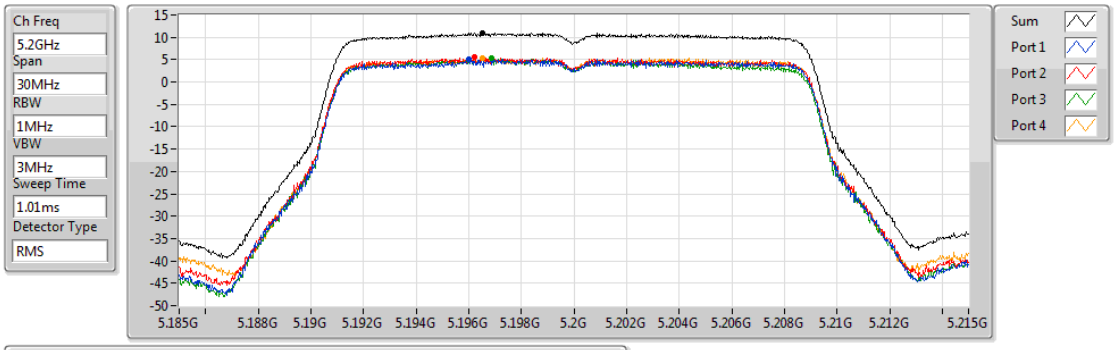
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	5.36	5.52	5.12	5.43

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

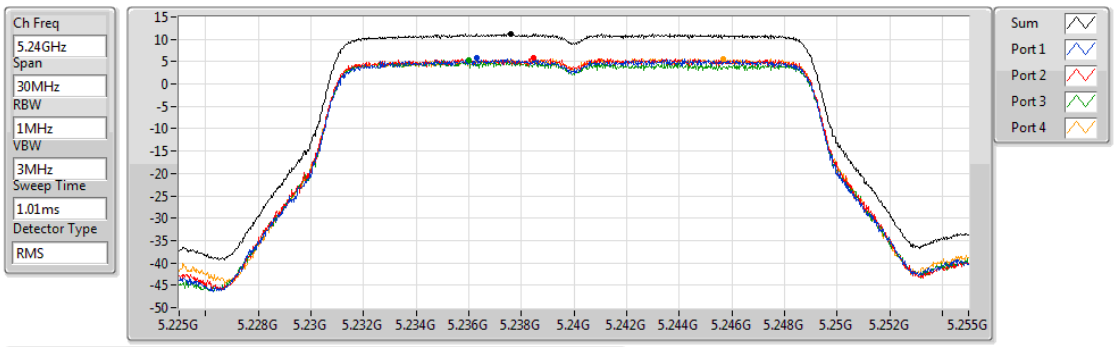
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.16	5.50	5.24	5.40

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

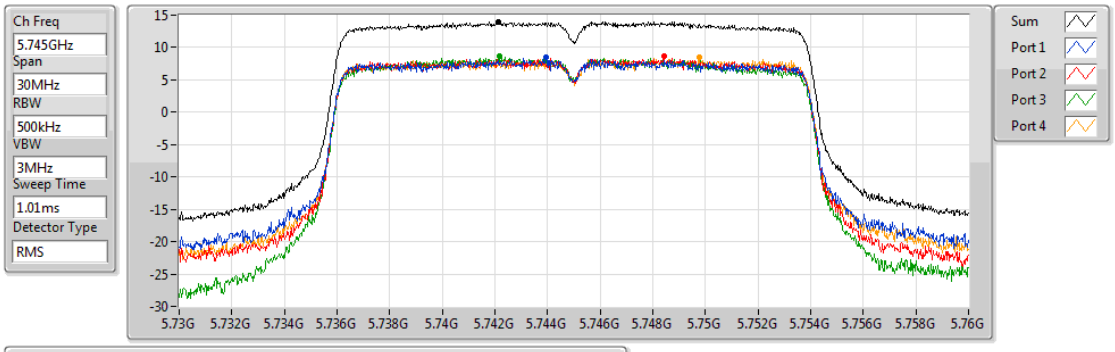
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.21	11.21	5.96	5.82	5.32	5.69

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

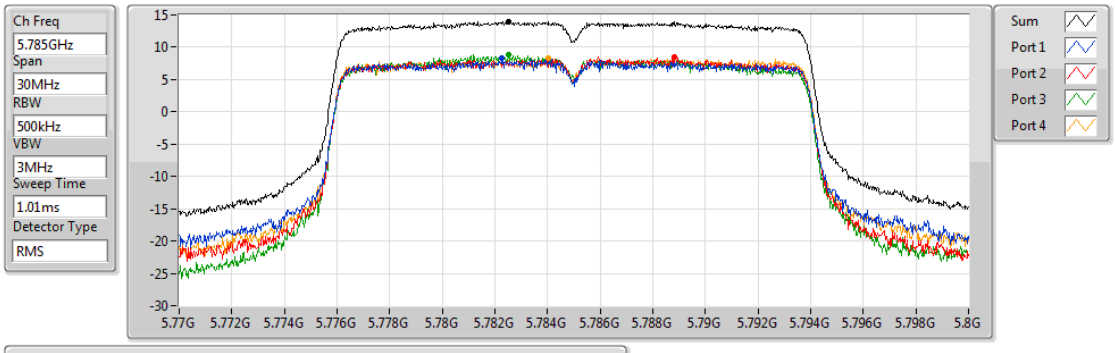
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.99	13.99	8.52	8.59	8.67	8.41

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

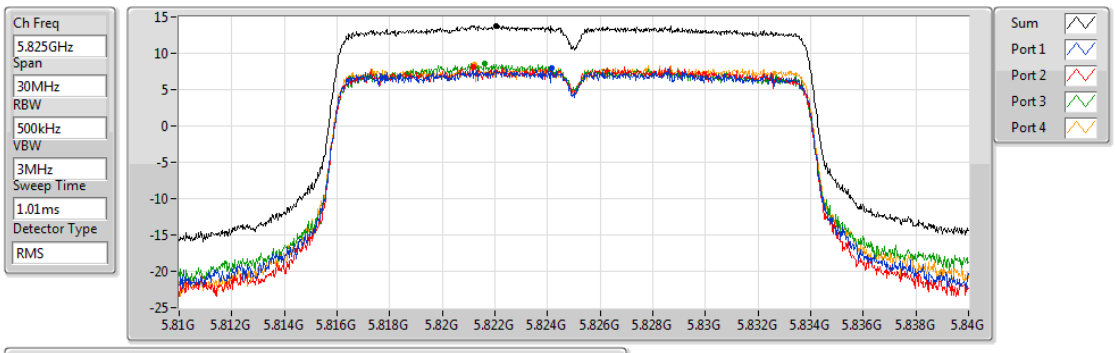
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.98	13.98	8.37	8.55	8.93	8.30

802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

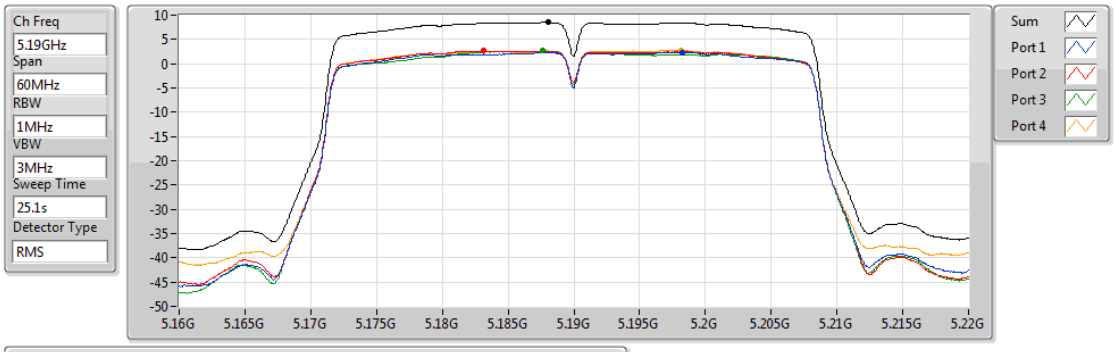
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.81	13.81	7.90	8.15	8.60	8.51

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

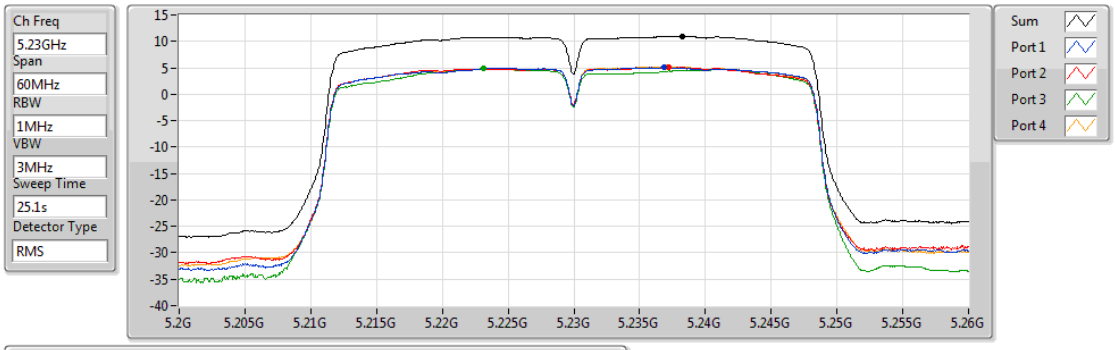
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	2.36	2.62	2.64	2.72

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

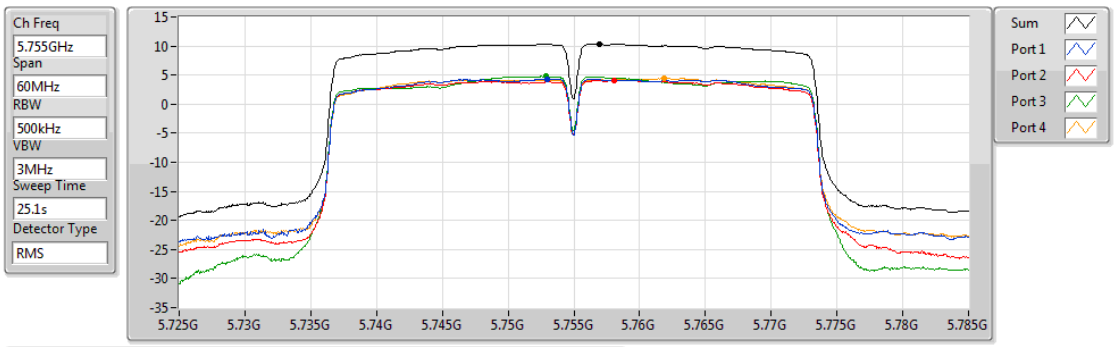
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.05	5.05	4.84	5.16

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

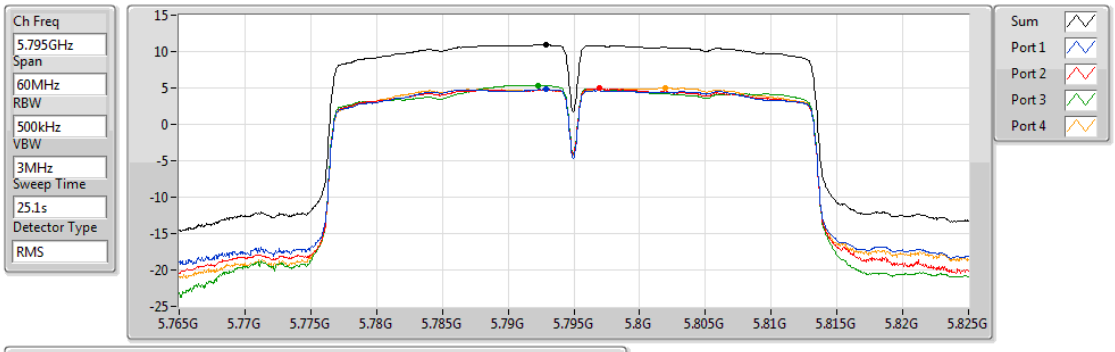
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	4.35	4.16	4.79	4.41

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

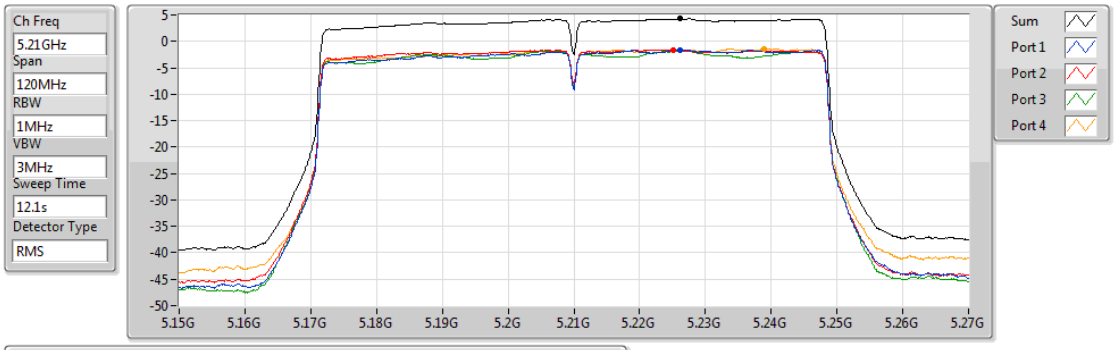
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	4.82	4.94	5.38	5.02

802.11ac VHT80_Nss1,(MCS0)_4TX **PSD**

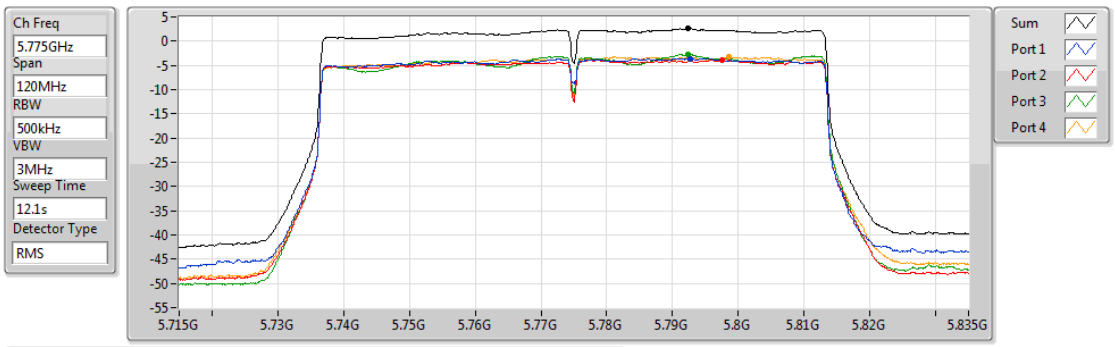
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	-1.59	-1.64	-1.76	-1.44

802.11ac VHT80_Nss1,(MCS0)_4TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.62	-3.87	-2.73	-3.27

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	3.60	12.49
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	1.81	10.39

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

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	8.89	3.60	14.11	12.49	Inf	0.73	0.72		
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz	Pass	8.58	1.81	27.42	10.39	Inf			-1.49	-0.92

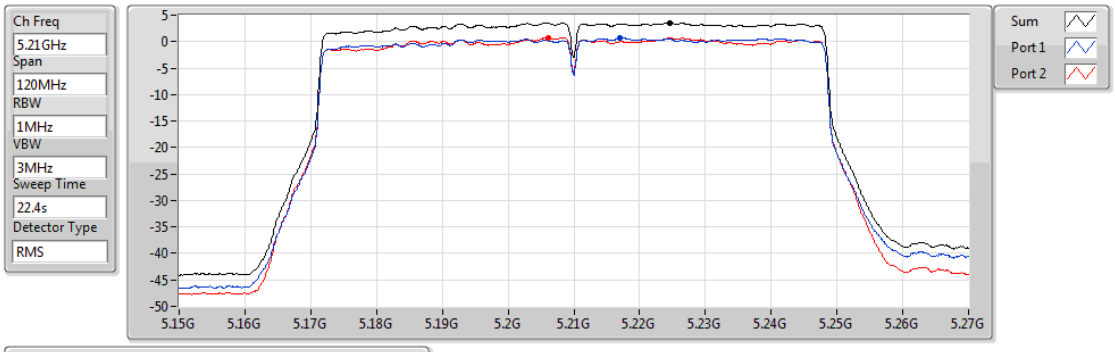
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

#5210MHz,5775MHz:
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10))/2)+10log(2/1)=8.89

5210MHz,#5775MHz:
Directional Gain = 10log(((10^(5/10)+10^(6.11/10))/2)+10log(2/1)=8.58

802.11ac VHT80+80_Nss1,(MCS0)_2TX **PSD**

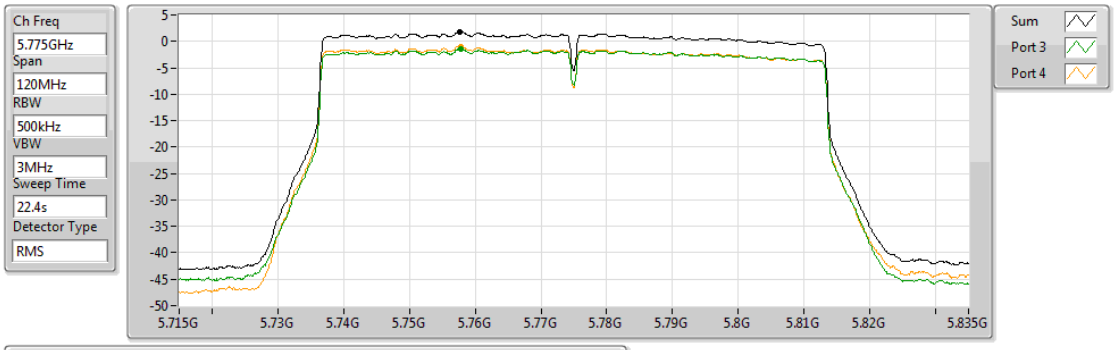
#5210MHz,5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.60	3.60	0.73	0.72

802.11ac VHT80+80_Nss1,(MCS0)_2TX **PSD**

5210MHz,#5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81			-1.49	-0.92

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	10.48	22.23
5.725-5.85GHz	9.19	20.94
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	7.73	19.48
5.725-5.85GHz	6.94	18.69
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-
5.15-5.25GHz	4.20	15.95
5.725-5.85GHz	3.36	15.11

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

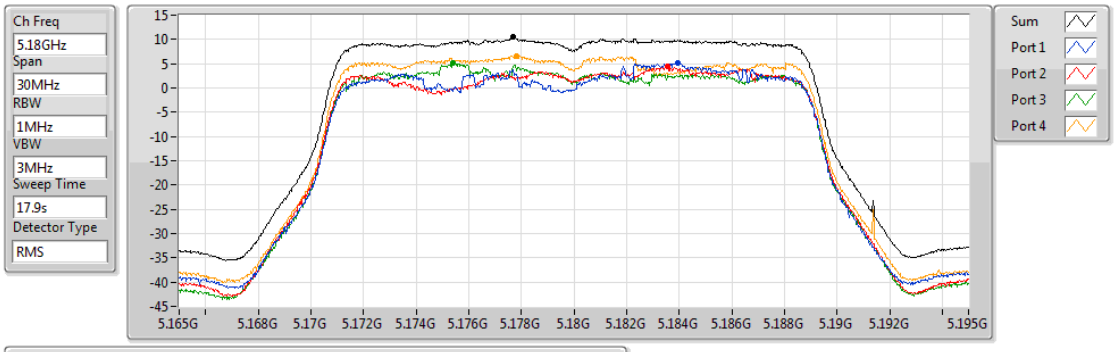
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.75	5.20	4.38	5.08	6.62	10.48	11.25	22.23	Inf
5200MHz_TnomVnom	Pass	11.75	5.23	4.77	5.47	6.72	10.26	11.25	22.01	Inf
5240MHz_TnomVnom	Pass	11.75	5.67	5.26	5.58	6.68	10.45	11.25	22.20	Inf
5745MHz_TnomVnom	Pass	11.75	3.96	3.13	3.25	5.86	8.43	24.25	20.18	Inf
5785MHz_TnomVnom	Pass	11.75	3.99	3.02	3.60	6.21	8.53	24.25	20.28	Inf
5825MHz_TnomVnom	Pass	11.75	4.67	3.99	4.14	6.74	9.19	24.25	20.94	Inf
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.75	2.66	1.60	2.04	3.85	7.73	11.25	19.48	Inf
5230MHz_TnomVnom	Pass	11.75	2.00	1.93	2.50	2.75	6.93	11.25	18.68	Inf
5755MHz_TnomVnom	Pass	11.75	2.14	1.81	1.07	3.28	6.64	24.25	18.39	Inf
5795MHz_TnomVnom	Pass	11.75	1.60	2.23	0.49	3.00	6.94	24.25	18.69	Inf
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.75	0.05	-0.41	-0.70	-0.35	4.20	11.25	15.95	Inf
5775MHz_TnomVnom	Pass	11.75	-1.19	-0.46	-2.12	0.26	3.36	24.25	15.11	Inf

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10)+10^(5/10)+10^(6.11/10))/4)+10log(4/1)=11.75

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

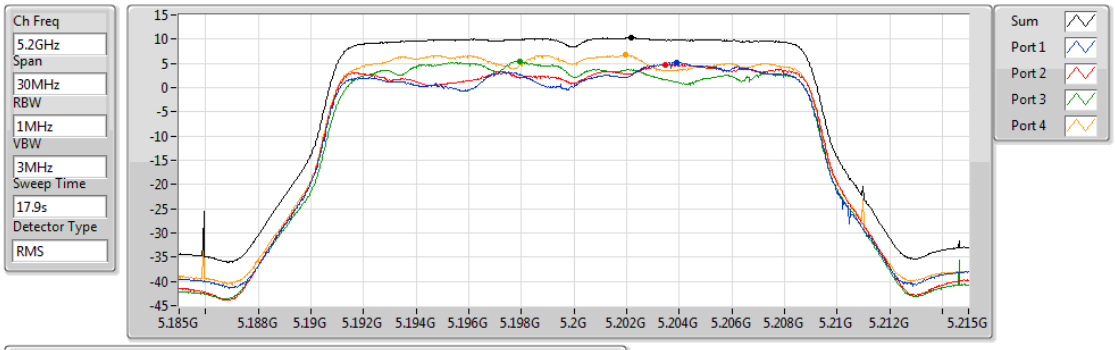
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	5.20	4.38	5.08	6.62

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

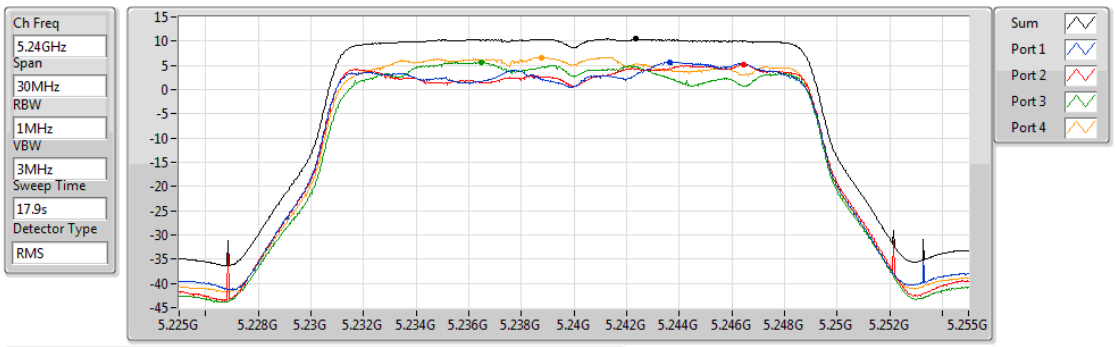
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	5.23	4.77	5.47	6.72

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

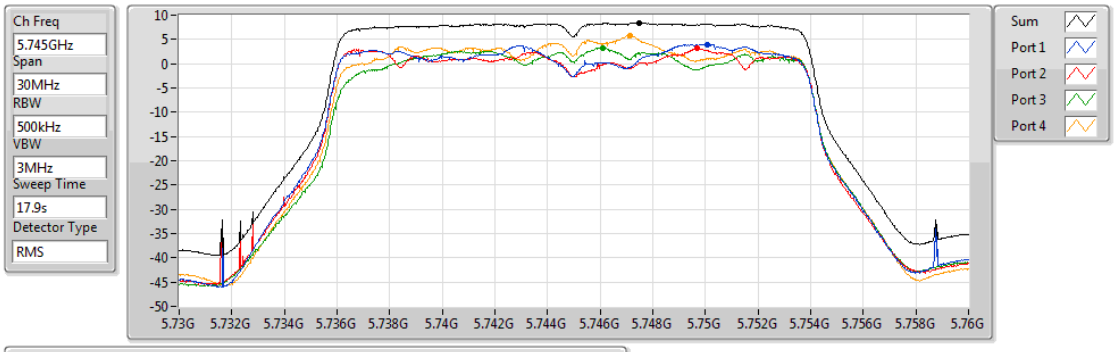
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.45	10.45	5.67	5.26	5.58	6.68

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

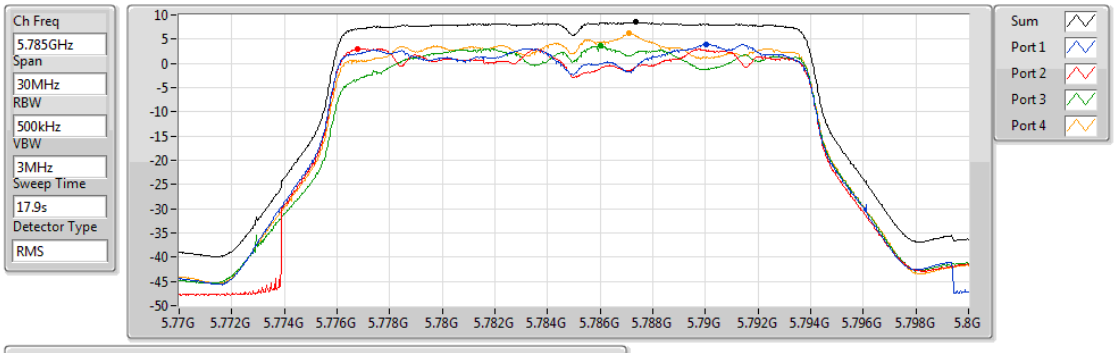
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	3.96	3.13	3.25	5.86

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

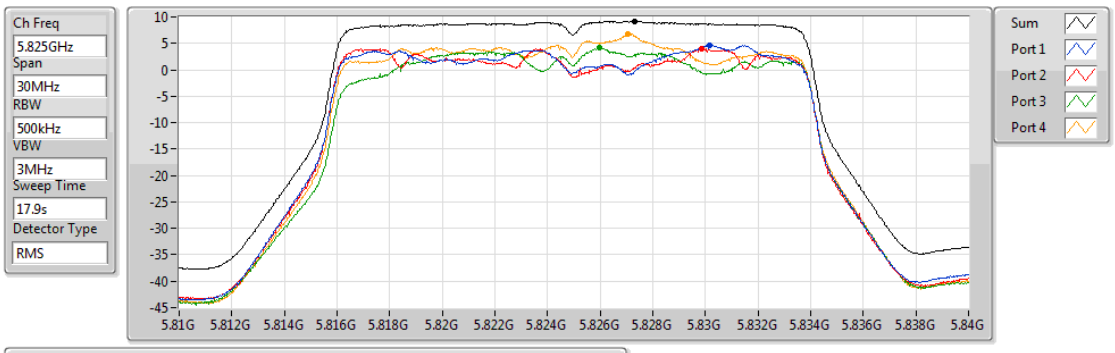
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	3.99	3.02	3.60	6.21

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

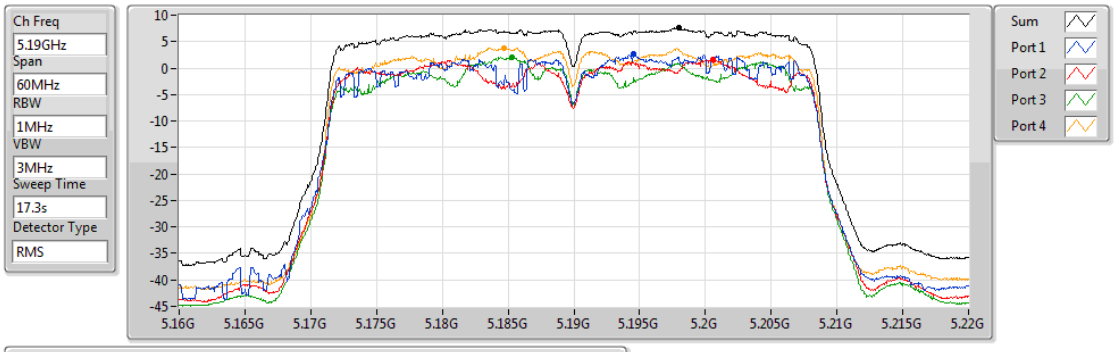
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	4.67	3.99	4.14	6.74

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

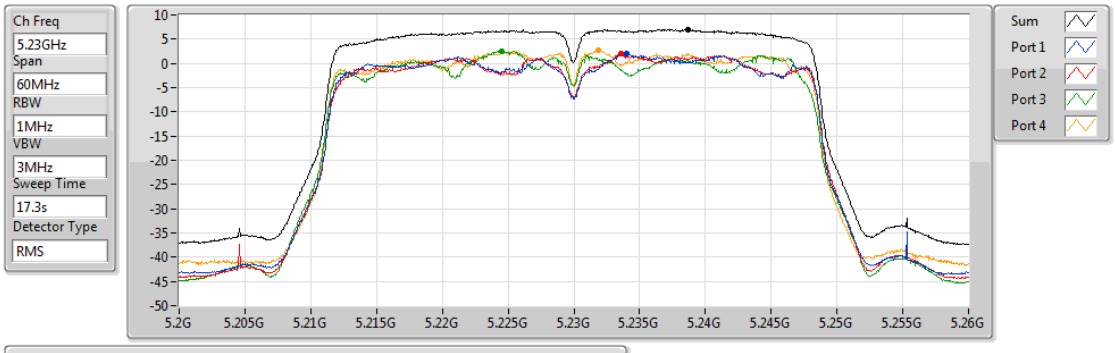
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	2.66	1.60	2.04	3.85

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

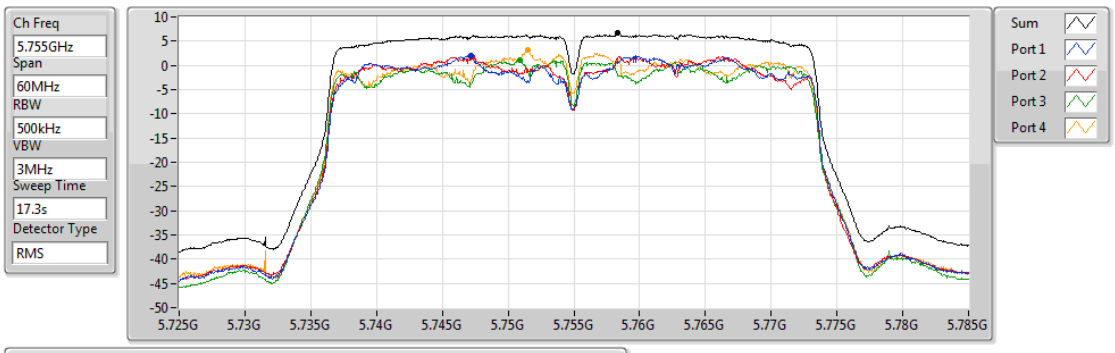
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	2.00	1.93	2.50	2.75

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

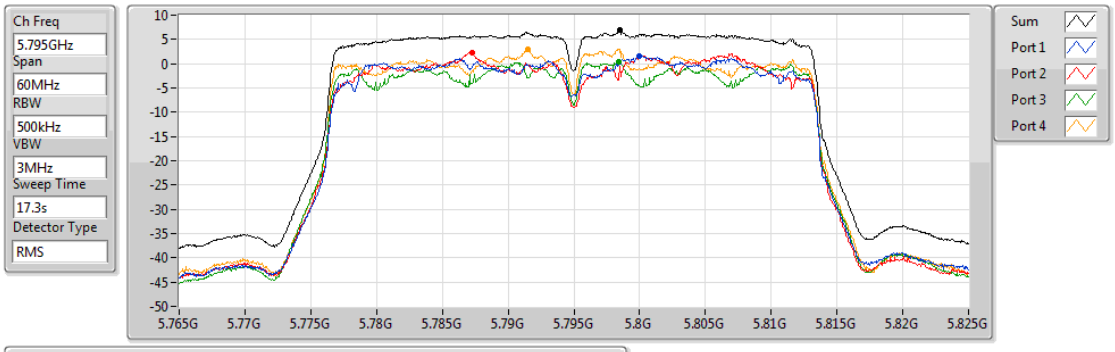
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	2.14	1.81	1.07	3.28

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

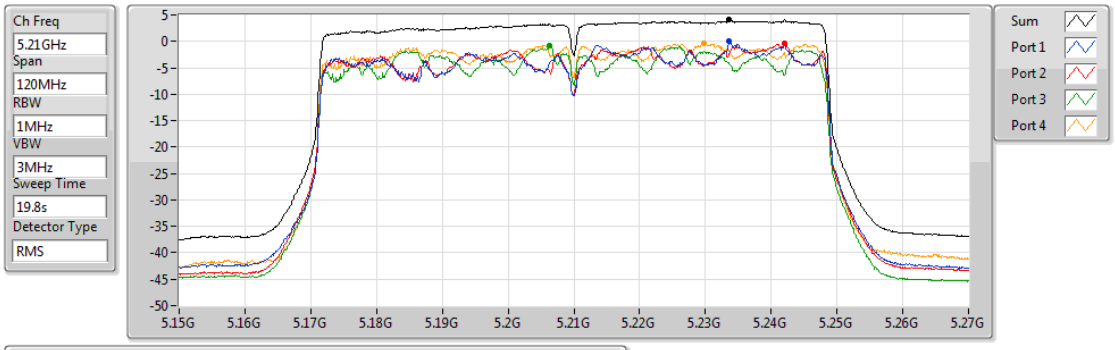
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	1.60	2.23	0.49	3.00

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

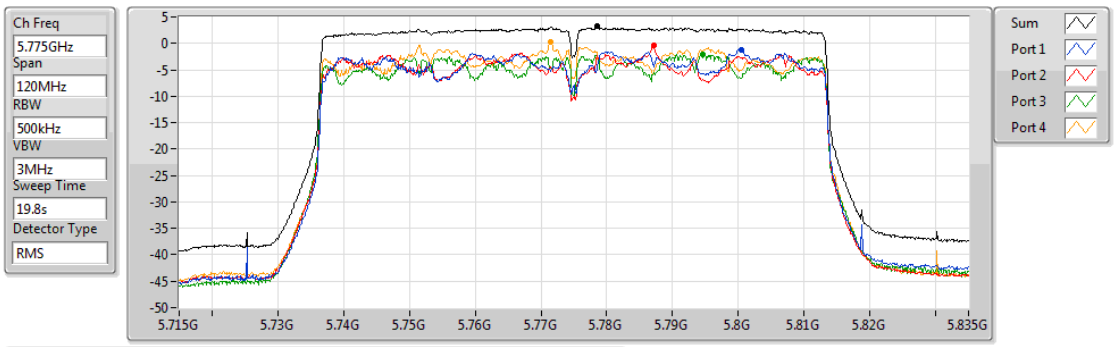
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	0.05	-0.41	-0.70	-0.35

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

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	-1.19	-0.46	-2.12	0.26

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-
5.15-5.25GHz	3.31	12.21
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-
5.725-5.85GHz	0.74	9.32

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

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz_TnomVnom	Pass	8.89	3.31	14.11	12.21	Inf	-1.09	1.55		
802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz_TnomVnom	Pass	8.58	0.74	27.42	9.32	Inf			-2.18	-1.71

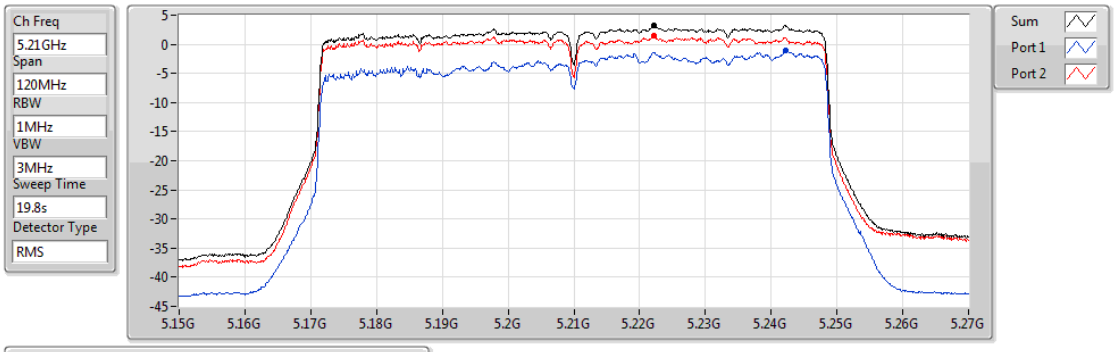
DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

#5210MHz,5775MHz:
Directional Gain = 10log(((10^(5.65/10)+10^(6.11/10))/2)+10log(2/1)=8.89

5210MHz,#5775MHz:
Directional Gain = 10log(((10^(5/10)+10^(6.11/10))/2)+10log(2/1)=8.58

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX PSD

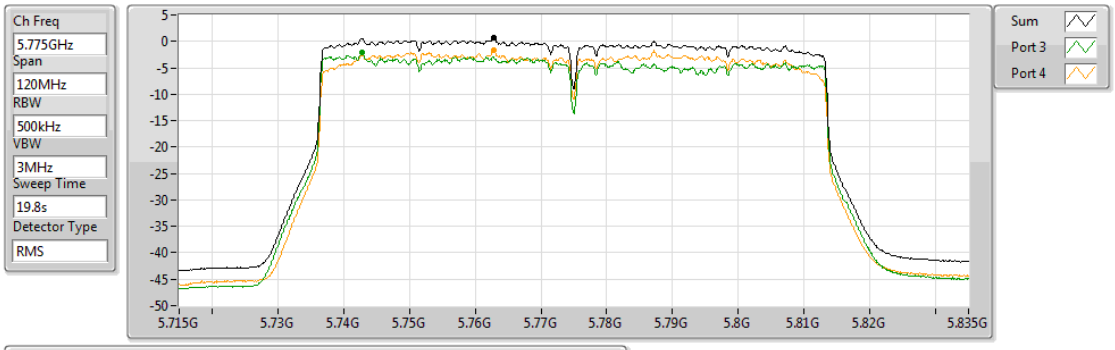
#5210MHz,5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.31	3.31	-1.09	1.55

802.11ac VHT80+80-BF_Nss1,(MCS0)_2TX PSD

5210MHz,#5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.74	0.74			-2.18	-1.71

Summary

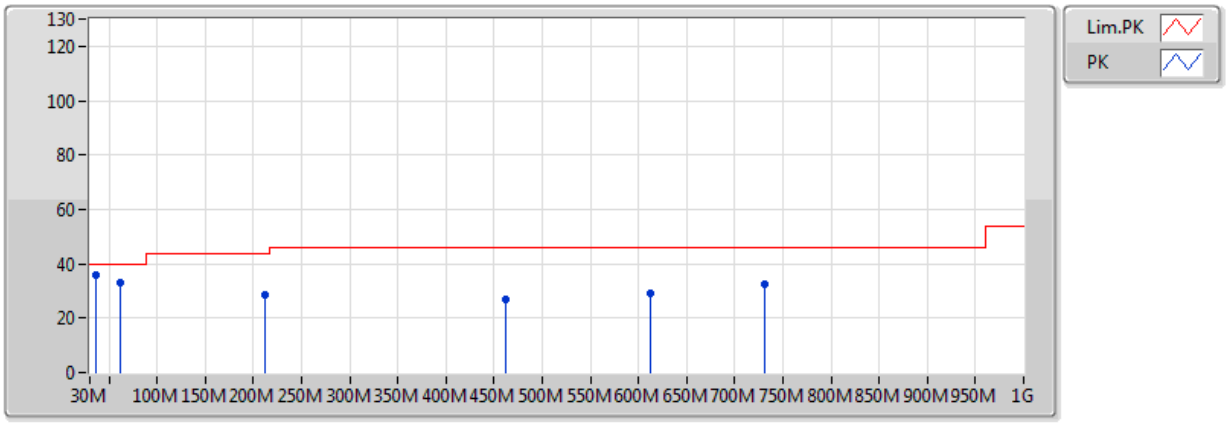
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT80+80_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	PK	35.82M	35.64	40.00	-4.36	-7.10	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT80+80_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	PK	30M	32.26	40.00	-7.74	-4.25	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	111.48M	28.18	43.50	-15.32	-9.31	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	212.36M	31.54	43.50	-11.96	-11.01	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	348.16M	26.88	46.00	-19.12	-5.46	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	443.22M	27.24	46.00	-18.76	-3.16	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	499.48M	27.72	46.00	-18.28	-2.52	3	Horizontal	360	1.00	-
#5210MHz,5775MHz	Pass	PK	35.82M	35.64	40.00	-4.36	-7.10	3	Vertical	0	1.00	-
#5210MHz,5775MHz	Pass	PK	61.04M	32.91	40.00	-7.09	-15.25	3	Vertical	0	1.00	-
#5210MHz,5775MHz	Pass	PK	212.36M	28.80	43.50	-14.70	-11.01	3	Vertical	0	1.00	-
#5210MHz,5775MHz	Pass	PK	462.62M	26.92	46.00	-19.08	-2.90	3	Vertical	0	1.00	-
#5210MHz,5775MHz	Pass	PK	612M	29.25	46.00	-16.75	-1.07	3	Vertical	0	1.00	-
#5210MHz,5775MHz	Pass	PK	730.34M	32.69	46.00	-13.31	0.34	3	Vertical	0	1.00	-

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

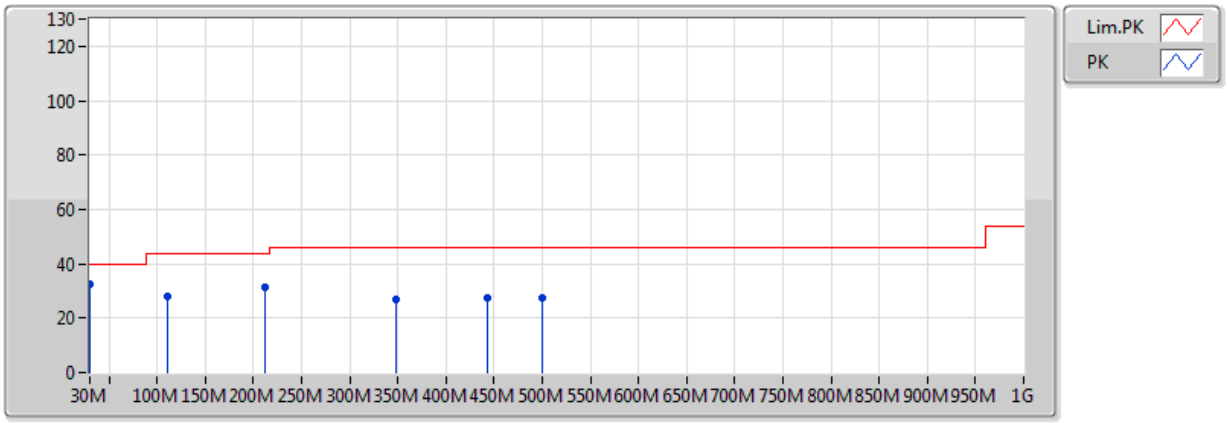


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	35.82M	35.64	40.00	-4.36	-7.10	3	Vertical	0	1.00	-	42.74	19.51	0.78	27.40
PK	61.04M	32.91	40.00	-7.09	-15.25	3	Vertical	0	1.00	-	48.16	11.51	1.23	27.99
PK	212.36M	28.80	43.50	-14.70	-11.01	3	Vertical	0	1.00	-	39.81	14.12	2.23	27.36
PK	462.62M	26.92	46.00	-19.08	-2.90	3	Vertical	0	1.00	-	29.82	22.01	3.29	28.20
PK	612M	29.25	46.00	-16.75	-1.07	3	Vertical	0	1.00	-	30.32	23.75	3.68	28.50
PK	730.34M	32.69	46.00	-13.31	0.34	3	Vertical	0	1.00	-	32.35	24.44	4.14	28.24

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX



EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	32.26	40.00	-7.74	-4.25	3	Horizontal	360	1.00	-	36.51	22.02	0.68	26.95
PK	111.48M	28.18	43.50	-15.32	-9.31	3	Horizontal	360	1.00	-	37.49	17.09	1.47	27.86
PK	212.36M	31.54	43.50	-11.96	-11.01	3	Horizontal	360	1.00	-	42.55	14.12	2.23	27.36
PK	348.16M	26.88	46.00	-19.12	-5.46	3	Horizontal	360	1.00	-	32.34	19.38	2.60	27.44
PK	443.22M	27.24	46.00	-18.76	-3.16	3	Horizontal	360	1.00	-	30.40	21.71	3.22	28.09
PK	499.48M	27.72	46.00	-18.28	-2.52	3	Horizontal	360	1.00	-	30.24	22.53	3.39	28.44

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
VHT80_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.12G	53.81	54.00	-0.19	2.78	3	Vertical	325	2.46	-
VHT40_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	5.927G	67.53	68.20	-0.67	3.87	3	Vertical	296	2.29	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
11a_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.148G	52.53	54.00	-1.47	2.80	3	Horizontal	20	3.69	-
5180MHz	Pass	AV	5.1874G	103.94	Inf	-Inf	2.82	3	Horizontal	20	3.69	-
5180MHz	Pass	AV	15.54G	45.46	54.00	-8.54	14.12	3	Horizontal	252	3.53	-
5180MHz	Pass	PK	5.1472G	65.15	74.00	-8.85	2.80	3	Horizontal	20	3.69	-
5180MHz	Pass	PK	5.1876G	114.39	Inf	-Inf	2.82	3	Horizontal	20	3.69	-
5180MHz	Pass	PK	15.54G	58.89	74.00	-15.11	14.12	3	Horizontal	252	3.53	-
5180MHz	Pass	AV	5.1464G	51.22	54.00	-2.78	2.80	3	Vertical	166	2.68	-
5180MHz	Pass	AV	5.1792G	107.96	Inf	-Inf	2.82	3	Vertical	166	2.68	-
5180MHz	Pass	AV	15.54G	45.41	54.00	-8.59	14.12	3	Vertical	275	1.50	-
5180MHz	Pass	PK	5.147G	64.71	74.00	-9.29	2.80	3	Vertical	166	2.68	-
5180MHz	Pass	PK	5.1782G	118.86	Inf	-Inf	2.82	3	Vertical	166	2.68	-
5180MHz	Pass	PK	15.54G	59.31	74.00	-14.69	14.12	3	Vertical	275	1.50	-
5200MHz	Pass	AV	5.1484G	51.96	54.00	-2.04	2.80	3	Horizontal	24	3.63	-
5200MHz	Pass	AV	5.2076G	107.79	Inf	-Inf	2.83	3	Horizontal	24	3.63	-
5200MHz	Pass	PK	5.1488G	65.91	74.00	-8.09	2.80	3	Horizontal	24	3.63	-
5200MHz	Pass	PK	5.2076G	118.50	Inf	-Inf	2.83	3	Horizontal	24	3.63	-
5200MHz	Pass	AV	5.146G	52.30	54.00	-1.70	2.80	3	Vertical	171	2.77	-
5200MHz	Pass	AV	5.1992G	111.87	Inf	-Inf	2.83	3	Vertical	171	2.77	-
5200MHz	Pass	PK	5.1456G	66.76	74.00	-7.24	2.80	3	Vertical	171	2.77	-
5200MHz	Pass	PK	5.1984G	122.48	Inf	-Inf	2.83	3	Vertical	171	2.77	-
5200MHz	Pass	AV	15.6G	45.43	54.00	-8.57	13.84	3	Horizontal	0	2.84	-
5200MHz	Pass	PK	15.6G	59.22	74.00	-14.78	13.84	3	Horizontal	0	2.84	-
5200MHz	Pass	AV	15.6G	45.33	54.00	-8.67	13.84	3	Vertical	353	1.26	-
5200MHz	Pass	PK	15.6G	58.48	74.00	-15.52	13.84	3	Vertical	353	1.26	-
5240MHz	Pass	AV	5.0936G	49.79	54.00	-4.21	2.77	3	Horizontal	162	3.61	-
5240MHz	Pass	AV	5.2412G	106.78	Inf	-Inf	2.85	3	Horizontal	162	3.61	-
5240MHz	Pass	AV	5.3822G	49.99	54.00	-4.01	2.92	3	Horizontal	162	3.61	-
5240MHz	Pass	AV	15.72G	43.69	54.00	-10.31	13.27	3	Horizontal	85	1.02	-
5240MHz	Pass	PK	5.1284G	62.58	74.00	-11.42	2.79	3	Horizontal	162	3.61	-
5240MHz	Pass	PK	5.2412G	116.99	Inf	-Inf	2.85	3	Horizontal	162	3.61	-
5240MHz	Pass	PK	5.3858G	62.27	74.00	-11.73	2.92	3	Horizontal	162	3.61	-
5240MHz	Pass	PK	15.72G	57.78	74.00	-16.22	13.27	3	Horizontal	85	1.02	-
5240MHz	Pass	AV	5.0954G	49.91	54.00	-4.09	2.77	3	Vertical	142	2.61	-
5240MHz	Pass	AV	5.2454G	112.41	Inf	-Inf	2.85	3	Vertical	142	2.61	-
5240MHz	Pass	AV	5.384G	50.22	54.00	-3.78	2.92	3	Vertical	142	2.61	-
5240MHz	Pass	AV	15.72G	44.19	54.00	-9.81	13.27	3	Vertical	340	1.01	-
5240MHz	Pass	PK	5.1044G	61.43	74.00	-12.57	2.77	3	Vertical	142	2.61	-
5240MHz	Pass	PK	5.2448G	122.46	Inf	-Inf	2.85	3	Vertical	142	2.61	-
5240MHz	Pass	PK	5.3714G	62.21	74.00	-11.79	2.91	3	Vertical	142	2.61	-
5240MHz	Pass	PK	15.72G	57.49	74.00	-16.51	13.27	3	Vertical	340	1.01	-
5745MHz	Pass	AV	5.7474G	105.47	Inf	-Inf	3.49	3	Horizontal	28	1.00	-
5745MHz	Pass	AV	11.49G	40.41	54.00	-13.59	13.41	3	Horizontal	176	1.01	-
5745MHz	Pass	PK	5.5914G	62.14	68.20	-6.06	3.17	3	Horizontal	28	1.00	-
5745MHz	Pass	PK	5.7486G	115.84	Inf	-Inf	3.50	3	Horizontal	28	1.00	-
5745MHz	Pass	PK	5.937G	62.93	68.20	-5.27	3.89	3	Horizontal	28	1.00	-
5745MHz	Pass	PK	11.49G	54.14	74.00	-19.86	13.41	3	Horizontal	176	1.01	-
5745MHz	Pass	AV	5.7462G	112.05	Inf	-Inf	3.49	3	Vertical	276	2.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	11.49G	42.97	54.00	-11.03	13.41	3	Vertical	346	3.54	-
5745MHz	Pass	PK	5.5962G	62.72	68.20	-5.48	3.18	3	Vertical	276	2.50	-
5745MHz	Pass	PK	5.7462G	122.20	Inf	-Inf	3.49	3	Vertical	276	2.50	-
5745MHz	Pass	PK	5.9334G	62.28	68.20	-5.92	3.88	3	Vertical	276	2.50	-
5745MHz	Pass	PK	11.49G	55.94	74.00	-18.06	13.41	3	Vertical	346	3.54	-
5785MHz	Pass	AV	5.7838G	105.48	Inf	-Inf	3.57	3	Horizontal	213	2.50	-
5785MHz	Pass	AV	11.57G	40.84	54.00	-13.16	13.30	3	Horizontal	237	1.01	-
5785MHz	Pass	PK	5.5798G	62.35	68.20	-5.85	3.15	3	Horizontal	213	2.50	-
5785MHz	Pass	PK	5.7838G	115.93	Inf	-Inf	3.57	3	Horizontal	213	2.50	-
5785MHz	Pass	PK	5.9398G	63.28	68.20	-4.92	3.89	3	Horizontal	213	2.50	-
5785MHz	Pass	PK	11.57G	54.00	74.00	-20.00	13.30	3	Horizontal	237	1.01	-
5785MHz	Pass	AV	5.7814G	110.78	Inf	-Inf	3.57	3	Vertical	215	3.39	-
5785MHz	Pass	AV	11.57G	43.43	54.00	-10.57	13.30	3	Vertical	37	3.14	-
5785MHz	Pass	PK	5.5978G	62.94	68.20	-5.26	3.19	3	Vertical	215	3.39	-
5785MHz	Pass	PK	5.7814G	120.87	Inf	-Inf	3.57	3	Vertical	215	3.39	-
5785MHz	Pass	PK	5.9254G	63.14	68.20	-5.06	3.86	3	Vertical	215	3.39	-
5785MHz	Pass	PK	11.57G	56.60	74.00	-17.40	13.30	3	Vertical	37	3.14	-
5825MHz	Pass	AV	5.8178G	105.66	Inf	-Inf	3.65	3	Horizontal	27	3.28	-
5825MHz	Pass	AV	11.65G	40.25	54.00	-13.75	13.19	3	Horizontal	151	1.50	-
5825MHz	Pass	PK	5.5598G	63.47	68.20	-4.73	3.11	3	Horizontal	27	3.28	-
5825MHz	Pass	PK	5.8178G	114.97	Inf	-Inf	3.65	3	Horizontal	27	3.28	-
5825MHz	Pass	PK	5.9462G	62.65	68.20	-5.55	3.91	3	Horizontal	27	3.28	-
5825MHz	Pass	PK	11.65G	53.90	74.00	-20.10	13.19	3	Horizontal	151	1.50	-
5825MHz	Pass	AV	5.8262G	112.67	Inf	-Inf	3.66	3	Vertical	274	2.74	-
5825MHz	Pass	AV	11.65G	41.70	54.00	-12.30	13.19	3	Vertical	211	1.10	-
5825MHz	Pass	PK	5.5502G	62.74	68.20	-5.46	3.09	3	Vertical	274	2.74	-
5825MHz	Pass	PK	5.8274G	123.04	Inf	-Inf	3.66	3	Vertical	274	2.74	-
5825MHz	Pass	PK	5.9726G	62.48	68.20	-5.72	3.96	3	Vertical	274	2.74	-
5825MHz	Pass	PK	11.65G	55.00	74.00	-19.00	13.19	3	Vertical	211	1.10	-
VHT20_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1488G	53.21	54.00	-0.79	2.80	3	Horizontal	31	3.69	-
5180MHz	Pass	AV	5.1882G	104.28	Inf	-Inf	2.82	3	Horizontal	31	3.69	-
5180MHz	Pass	AV	15.54G	45.39	54.00	-8.61	14.12	3	Horizontal	345	3.53	-
5180MHz	Pass	PK	5.1494G	68.14	74.00	-5.86	2.80	3	Horizontal	31	3.69	-
5180MHz	Pass	PK	5.1878G	114.91	Inf	-Inf	2.82	3	Horizontal	31	3.69	-
5180MHz	Pass	PK	15.54G	58.45	74.00	-15.55	14.12	3	Horizontal	345	3.53	-
5180MHz	Pass	AV	5.147G	52.62	54.00	-1.38	2.80	3	Vertical	167	2.66	-
5180MHz	Pass	AV	5.1784G	108.74	Inf	-Inf	2.82	3	Vertical	167	2.66	-
5180MHz	Pass	AV	15.54G	45.09	54.00	-8.91	14.12	3	Vertical	319	2.45	-
5180MHz	Pass	PK	5.1458G	66.32	74.00	-7.68	2.80	3	Vertical	167	2.66	-
5180MHz	Pass	PK	5.179G	119.80	Inf	-Inf	2.82	3	Vertical	167	2.66	-
5180MHz	Pass	PK	15.54G	58.20	74.00	-15.80	14.12	3	Vertical	319	2.45	-
5200MHz	Pass	AV	5.1492G	53.66	54.00	-0.34	2.80	3	Horizontal	24	3.62	-
5200MHz	Pass	AV	5.2076G	107.74	Inf	-Inf	2.83	3	Horizontal	24	3.62	-
5200MHz	Pass	AV	15.6G	45.04	54.00	-8.96	13.84	3	Horizontal	189	1.60	-
5200MHz	Pass	PK	5.1488G	67.91	74.00	-6.09	2.80	3	Horizontal	24	3.62	-
5200MHz	Pass	PK	5.2076G	118.90	Inf	-Inf	2.83	3	Horizontal	24	3.62	-
5200MHz	Pass	PK	15.6G	58.43	74.00	-15.57	13.84	3	Horizontal	189	1.60	-
5200MHz	Pass	AV	5.1396G	52.50	54.00	-1.50	2.79	3	Vertical	302	2.27	-

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	5.2056G	110.09	Inf	-Inf	2.83	3	Vertical	302	2.27	-
5200MHz	Pass	AV	15.6G	45.16	54.00	-8.84	13.84	3	Vertical	336	1.25	-
5200MHz	Pass	PK	5.1396G	65.59	74.00	-8.41	2.79	3	Vertical	302	2.27	-
5200MHz	Pass	PK	5.2048G	120.80	Inf	-Inf	2.83	3	Vertical	302	2.27	-
5200MHz	Pass	PK	15.6G	58.38	74.00	-15.62	13.84	3	Vertical	336	1.25	-
5240MHz	Pass	AV	5.0978G	49.72	54.00	-4.28	2.77	3	Horizontal	161	3.59	-
5240MHz	Pass	AV	5.2412G	106.72	Inf	-Inf	2.85	3	Horizontal	161	3.59	-
5240MHz	Pass	AV	5.387G	49.95	54.00	-4.05	2.92	3	Horizontal	161	3.59	-
5240MHz	Pass	AV	15.72G	43.62	54.00	-10.38	13.27	3	Horizontal	149	2.83	-
5240MHz	Pass	PK	5.1008G	62.00	74.00	-12.00	2.77	3	Horizontal	161	3.59	-
5240MHz	Pass	PK	5.2478G	117.39	Inf	-Inf	2.85	3	Horizontal	161	3.59	-
5240MHz	Pass	PK	5.3582G	61.50	74.00	-12.50	2.90	3	Horizontal	161	3.59	-
5240MHz	Pass	PK	15.72G	56.76	74.00	-17.24	13.27	3	Horizontal	149	2.83	-
5240MHz	Pass	AV	5.0924G	49.69	54.00	-4.31	2.77	3	Vertical	72	2.22	-
5240MHz	Pass	AV	5.243G	111.69	Inf	-Inf	2.85	3	Vertical	72	2.22	-
5240MHz	Pass	AV	5.3684G	49.98	54.00	-4.02	2.91	3	Vertical	72	2.22	-
5240MHz	Pass	AV	15.72G	44.29	54.00	-9.71	13.27	3	Vertical	142	1.00	-
5240MHz	Pass	PK	5.1128G	62.33	74.00	-11.67	2.78	3	Vertical	72	2.22	-
5240MHz	Pass	PK	5.243G	122.62	Inf	-Inf	2.85	3	Vertical	72	2.22	-
5240MHz	Pass	PK	5.3768G	63.11	74.00	-10.89	2.92	3	Vertical	72	2.22	-
5240MHz	Pass	PK	15.72G	57.55	74.00	-16.45	13.27	3	Vertical	142	1.00	-
5745MHz	Pass	AV	5.7474G	104.44	Inf	-Inf	3.49	3	Horizontal	30	1.29	-
5745MHz	Pass	AV	11.49G	40.34	54.00	-13.66	13.41	3	Horizontal	176	1.04	-
5745MHz	Pass	PK	5.607G	62.91	68.20	-5.29	3.20	3	Horizontal	30	1.29	-
5745MHz	Pass	PK	5.7486G	114.65	Inf	-Inf	3.50	3	Horizontal	30	1.29	-
5745MHz	Pass	PK	5.925G	62.69	68.20	-5.51	3.86	3	Horizontal	30	1.29	-
5745MHz	Pass	PK	11.49G	53.43	74.00	-20.57	13.41	3	Horizontal	176	1.04	-
5745MHz	Pass	AV	5.739G	109.92	Inf	-Inf	3.48	3	Vertical	333	2.30	-
5745MHz	Pass	AV	11.49G	43.13	54.00	-10.87	13.41	3	Vertical	353	3.54	-
5745MHz	Pass	PK	5.5794G	62.78	68.20	-5.42	3.15	3	Vertical	333	2.30	-
5745MHz	Pass	PK	5.739G	120.58	Inf	-Inf	3.48	3	Vertical	333	2.30	-
5745MHz	Pass	PK	5.9394G	63.63	68.20	-4.57	3.89	3	Vertical	333	2.30	-
5745MHz	Pass	PK	11.49G	57.09	74.00	-16.91	13.41	3	Vertical	353	3.54	-
5785MHz	Pass	AV	5.7766G	106.19	Inf	-Inf	3.56	3	Horizontal	24	2.96	-
5785MHz	Pass	AV	11.57G	39.86	54.00	-14.14	13.30	3	Horizontal	299	2.23	-
5785MHz	Pass	PK	5.5834G	62.02	68.20	-6.18	3.16	3	Horizontal	24	2.96	-
5785MHz	Pass	PK	5.7766G	116.69	Inf	-Inf	3.56	3	Horizontal	24	2.96	-
5785MHz	Pass	PK	5.9422G	62.85	68.20	-5.35	3.90	3	Horizontal	24	2.96	-
5785MHz	Pass	PK	11.57G	53.55	74.00	-20.45	13.30	3	Horizontal	299	2.23	-
5785MHz	Pass	AV	5.7922G	109.23	Inf	-Inf	3.59	3	Vertical	31	2.80	-
5785MHz	Pass	AV	11.57G	42.67	54.00	-11.33	13.30	3	Vertical	37	3.30	-
5785MHz	Pass	PK	5.6386G	62.95	68.20	-5.25	3.27	3	Vertical	31	2.80	-
5785MHz	Pass	PK	5.7934G	120.63	Inf	-Inf	3.60	3	Vertical	31	2.80	-
5785MHz	Pass	PK	5.9758G	63.02	68.20	-5.18	3.97	3	Vertical	31	2.80	-
5785MHz	Pass	PK	11.57G	55.65	74.00	-18.35	13.30	3	Vertical	37	3.30	-
5825MHz	Pass	AV	5.8166G	105.71	Inf	-Inf	3.64	3	Horizontal	23	2.74	-
5825MHz	Pass	AV	11.65G	40.15	54.00	-13.85	13.19	3	Horizontal	98	1.13	-
5825MHz	Pass	PK	5.5358G	63.59	68.20	-4.61	3.06	3	Horizontal	23	2.74	-
5825MHz	Pass	PK	5.819G	116.15	Inf	-Inf	3.65	3	Horizontal	23	2.74	-

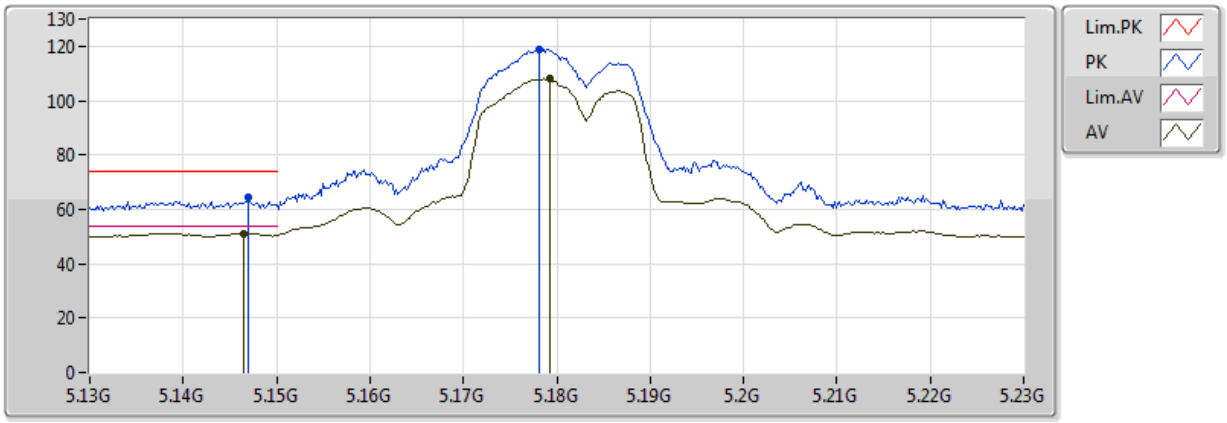
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.951G	62.41	68.20	-5.79	3.92	3	Horizontal	23	2.74	-
5825MHz	Pass	PK	11.65G	54.87	74.00	-19.13	13.19	3	Horizontal	98	1.13	-
5825MHz	Pass	AV	5.8202G	109.34	Inf	-Inf	3.65	3	Vertical	332	2.31	-
5825MHz	Pass	AV	11.65G	41.16	54.00	-12.84	13.19	3	Vertical	210	1.17	-
5825MHz	Pass	PK	5.5346G	62.43	68.20	-5.77	3.05	3	Vertical	332	2.31	-
5825MHz	Pass	PK	5.819G	119.46	Inf	-Inf	3.65	3	Vertical	332	2.31	-
5825MHz	Pass	PK	5.9642G	63.08	68.20	-5.12	3.94	3	Vertical	332	2.31	-
5825MHz	Pass	PK	11.65G	55.14	74.00	-18.86	13.19	3	Vertical	210	1.17	-
VHT40_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1388G	50.34	54.00	-3.66	2.79	3	Horizontal	30	3.69	-
5190MHz	Pass	AV	5.1784G	100.10	Inf	-Inf	2.82	3	Horizontal	30	3.69	-
5190MHz	Pass	AV	15.57G	44.91	54.00	-9.09	13.98	3	Horizontal	58	1.32	-
5190MHz	Pass	PK	5.1392G	63.85	74.00	-10.15	2.79	3	Horizontal	30	3.69	-
5190MHz	Pass	PK	5.1788G	110.90	Inf	-Inf	2.82	3	Horizontal	30	3.69	-
5190MHz	Pass	PK	15.57G	58.43	74.00	-15.57	13.98	3	Horizontal	58	1.32	-
5190MHz	Pass	AV	5.1488G	52.24	54.00	-1.76	2.80	3	Vertical	168	2.77	-
5190MHz	Pass	AV	5.188G	102.94	Inf	-Inf	2.82	3	Vertical	168	2.77	-
5190MHz	Pass	AV	15.57G	44.94	54.00	-9.06	13.98	3	Vertical	86	2.35	-
5190MHz	Pass	PK	5.1488G	67.36	74.00	-6.64	2.80	3	Vertical	168	2.77	-
5190MHz	Pass	PK	5.1888G	112.94	Inf	-Inf	2.82	3	Vertical	168	2.77	-
5190MHz	Pass	PK	15.57G	58.65	74.00	-15.35	13.98	3	Vertical	86	2.35	-
5230MHz	Pass	AV	5.1392G	51.47	54.00	-2.53	2.79	3	Horizontal	28	3.65	-
5230MHz	Pass	AV	5.2192G	102.78	Inf	-Inf	2.84	3	Horizontal	28	3.65	-
5230MHz	Pass	AV	15.69G	44.12	54.00	-9.88	13.41	3	Horizontal	182	1.05	-
5230MHz	Pass	PK	5.138G	63.90	74.00	-10.10	2.79	3	Horizontal	28	3.65	-
5230MHz	Pass	PK	5.2188G	113.54	Inf	-Inf	2.84	3	Horizontal	28	3.65	-
5230MHz	Pass	PK	15.69G	57.08	74.00	-16.92	13.41	3	Horizontal	182	1.05	-
5230MHz	Pass	AV	5.1408G	53.07	54.00	-0.93	2.79	3	Vertical	327	2.44	-
5230MHz	Pass	AV	5.2408G	106.94	Inf	-Inf	2.85	3	Vertical	327	2.44	-
5230MHz	Pass	AV	15.69G	44.16	54.00	-9.84	13.41	3	Vertical	159	1.23	-
5230MHz	Pass	PK	5.1416G	66.61	74.00	-7.39	2.79	3	Vertical	327	2.44	-
5230MHz	Pass	PK	5.2404G	118.62	Inf	-Inf	2.85	3	Vertical	327	2.44	-
5230MHz	Pass	PK	15.69G	57.64	74.00	-16.36	13.41	3	Vertical	159	1.23	-
5755MHz	Pass	AV	5.7454G	103.78	Inf	-Inf	3.49	3	Horizontal	22	2.57	-
5755MHz	Pass	AV	11.51G	40.32	54.00	-13.68	13.38	3	Horizontal	288	3.63	-
5755MHz	Pass	PK	5.6458G	64.81	68.20	-3.39	3.28	3	Horizontal	22	2.57	-
5755MHz	Pass	PK	5.7466G	114.08	Inf	-Inf	3.49	3	Horizontal	22	2.57	-
5755MHz	Pass	PK	5.9518G	62.81	68.20	-5.39	3.92	3	Horizontal	22	2.57	-
5755MHz	Pass	PK	11.51G	53.61	74.00	-20.39	13.38	3	Horizontal	288	3.63	-
5755MHz	Pass	AV	5.749G	107.36	Inf	-Inf	3.50	3	Vertical	331	2.60	-
5755MHz	Pass	AV	11.51G	40.68	54.00	-13.32	13.38	3	Vertical	158	2.91	-
5755MHz	Pass	PK	5.6494G	67.51	68.20	-0.69	3.29	3	Vertical	331	2.60	-
5755MHz	Pass	PK	5.7502G	117.85	Inf	-Inf	3.50	3	Vertical	331	2.60	-
5755MHz	Pass	PK	5.9482G	62.86	68.20	-5.34	3.91	3	Vertical	331	2.60	-
5755MHz	Pass	PK	11.51G	53.49	74.00	-20.51	13.38	3	Vertical	158	2.91	-
5795MHz	Pass	AV	5.7854G	103.68	Inf	-Inf	3.58	3	Horizontal	20	2.71	-
5795MHz	Pass	AV	11.59G	40.15	54.00	-13.85	13.27	3	Horizontal	319	1.52	-
5795MHz	Pass	PK	5.645G	64.51	68.20	-3.69	3.28	3	Horizontal	20	2.71	-
5795MHz	Pass	PK	5.7866G	114.52	Inf	-Inf	3.58	3	Horizontal	20	2.71	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	5.9294G	65.42	68.20	-2.78	3.87	3	Horizontal	20	2.71	-
5795MHz	Pass	PK	11.59G	53.56	74.00	-20.44	13.27	3	Horizontal	319	1.52	-
5795MHz	Pass	AV	5.8058G	107.36	Inf	-Inf	3.62	3	Vertical	296	2.29	-
5795MHz	Pass	AV	11.59G	40.18	54.00	-13.82	13.27	3	Vertical	336	1.97	-
5795MHz	Pass	PK	5.6354G	64.08	68.20	-4.12	3.26	3	Vertical	296	2.29	-
5795MHz	Pass	PK	5.7866G	118.49	Inf	-Inf	3.58	3	Vertical	296	2.29	-
5795MHz	Pass	PK	5.927G	67.53	68.20	-0.67	3.87	3	Vertical	296	2.29	-
5795MHz	Pass	PK	11.59G	53.84	74.00	-20.16	13.27	3	Vertical	336	1.97	-
VHT80_Nss1_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.14G	53.26	54.00	-0.74	2.79	3	Horizontal	22	3.63	-
5210MHz	Pass	AV	5.221G	98.12	Inf	-Inf	2.84	3	Horizontal	22	3.63	-
5210MHz	Pass	AV	5.362G	50.18	54.00	-3.82	2.91	3	Horizontal	22	3.63	-
5210MHz	Pass	AV	15.63G	45.10	54.00	-8.90	13.69	3	Horizontal	352	1.02	-
5210MHz	Pass	PK	5.14G	64.83	74.00	-9.17	2.79	3	Horizontal	22	3.63	-
5210MHz	Pass	PK	5.22G	107.49	Inf	-Inf	2.84	3	Horizontal	22	3.63	-
5210MHz	Pass	PK	5.362G	61.93	74.00	-12.07	2.91	3	Horizontal	22	3.63	-
5210MHz	Pass	PK	15.63G	57.95	74.00	-16.05	13.69	3	Horizontal	352	1.02	-
5210MHz	Pass	AV	5.12G	53.81	54.00	-0.19	2.78	3	Vertical	325	2.46	-
5210MHz	Pass	AV	5.221G	99.61	Inf	-Inf	2.84	3	Vertical	325	2.46	-
5210MHz	Pass	AV	5.362G	52.46	54.00	-1.54	2.91	3	Vertical	325	2.46	-
5210MHz	Pass	AV	15.63G	45.16	54.00	-8.84	13.69	3	Vertical	280	1.81	-
5210MHz	Pass	PK	5.142G	68.97	74.00	-5.03	2.80	3	Vertical	325	2.46	-
5210MHz	Pass	PK	5.221G	110.48	Inf	-Inf	2.84	3	Vertical	325	2.46	-
5210MHz	Pass	PK	5.364G	67.07	74.00	-6.93	2.91	3	Vertical	325	2.46	-
5210MHz	Pass	PK	15.63G	57.80	74.00	-16.20	13.69	3	Vertical	280	1.81	-
5775MHz	Pass	AV	5.7666G	96.04	Inf	-Inf	3.54	3	Horizontal	24	3.56	-
5775MHz	Pass	AV	11.55G	40.47	54.00	-13.53	13.33	3	Horizontal	34	2.47	-
5775MHz	Pass	PK	5.6394G	62.48	68.20	-5.72	3.27	3	Horizontal	24	3.56	-
5775MHz	Pass	PK	5.7678G	105.39	Inf	-Inf	3.54	3	Horizontal	24	3.56	-
5775MHz	Pass	PK	5.9286G	62.78	68.20	-5.42	3.87	3	Horizontal	24	3.56	-
5775MHz	Pass	PK	11.55G	53.37	74.00	-20.63	13.33	3	Horizontal	34	2.47	-
5775MHz	Pass	AV	5.7714G	101.58	Inf	-Inf	3.55	3	Vertical	208	3.66	-
5775MHz	Pass	AV	11.55G	40.46	54.00	-13.54	13.33	3	Vertical	161	1.23	-
5775MHz	Pass	PK	5.6502G	67.41	68.35	-0.93	3.29	3	Vertical	208	3.66	-
5775MHz	Pass	PK	5.7702G	111.09	Inf	-Inf	3.54	3	Vertical	208	3.66	-
5775MHz	Pass	PK	5.9322G	64.13	68.20	-4.07	3.88	3	Vertical	208	3.66	-
5775MHz	Pass	PK	11.55G	53.69	74.00	-20.31	13.33	3	Vertical	161	1.23	-
VHT80+80_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	AV	5.149995G	52.45	54.00	-1.55	2.80	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	AV	5.218G	92.80	Inf	-Inf	2.84	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	AV	5.350005G	50.89	54.00	-3.11	2.90	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	PK	5.147G	65.30	74.00	-8.70	2.80	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	PK	5.217G	102.53	Inf	-Inf	2.84	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	PK	5.359G	63.27	74.00	-10.73	2.91	3	Horizontal	198	2.55	-
#5210MHz,5775MHz	Pass	AV	5.149G	53.31	54.00	-0.69	2.80	3	Vertical	318	2.77	-
#5210MHz,5775MHz	Pass	AV	5.221G	97.98	Inf	-Inf	2.84	3	Vertical	318	2.77	-
#5210MHz,5775MHz	Pass	AV	5.363G	50.61	54.00	-3.39	2.91	3	Vertical	318	2.77	-
#5210MHz,5775MHz	Pass	PK	5.149995G	64.79	74.00	-9.21	2.80	3	Vertical	318	2.77	-
#5210MHz,5775MHz	Pass	PK	5.243G	108.17	Inf	-Inf	2.85	3	Vertical	318	2.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
#5210MHz,5775MHz	Pass	PK	5.356G	62.13	74.00	-11.87	2.90	3	Vertical	318	2.77	-
#5210MHz,5775MHz	Pass	AV	15.63G	45.18	54.00	-8.82	13.69	3	Horizontal	140	1.20	-
#5210MHz,5775MHz	Pass	PK	15.63G	57.54	74.00	-16.46	13.69	3	Horizontal	140	1.20	-
#5210MHz,5775MHz	Pass	AV	15.63G	45.03	54.00	-8.97	13.69	3	Vertical	310	2.35	-
#5210MHz,5775MHz	Pass	PK	15.63G	58.00	74.00	-16.00	13.69	3	Vertical	310	2.35	-
VHT80+80_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz,#5775MHz	Pass	AV	5.7666G	81.59	Inf	-Inf	3.54	3	Horizontal	198	2.55	-
5210MHz,#5775MHz	Pass	AV	11.55G	40.18	54.00	-13.82	13.33	3	Horizontal	79	2.08	-
5210MHz,#5775MHz	Pass	PK	5.4834G	61.85	68.20	-6.35	2.97	3	Horizontal	198	2.55	-
5210MHz,#5775MHz	Pass	PK	5.8074G	91.56	Inf	-Inf	3.62	3	Horizontal	198	2.55	-
5210MHz,#5775MHz	Pass	PK	5.967G	62.72	68.20	-5.48	3.95	3	Horizontal	198	2.55	-
5210MHz,#5775MHz	Pass	PK	11.55G	52.93	74.00	-21.07	13.33	3	Horizontal	79	2.08	-
5210MHz,#5775MHz	Pass	AV	5.7738G	91.44	Inf	-Inf	3.55	3	Vertical	318	2.77	-
5210MHz,#5775MHz	Pass	AV	11.55G	40.24	54.00	-13.76	13.33	3	Vertical	91	2.29	-
5210MHz,#5775MHz	Pass	PK	5.5314G	61.77	68.20	-6.43	3.05	3	Vertical	318	2.77	-
5210MHz,#5775MHz	Pass	PK	5.7714G	102.05	Inf	-Inf	3.55	3	Vertical	318	2.77	-
5210MHz,#5775MHz	Pass	PK	5.9538G	62.13	68.20	-6.07	3.92	3	Vertical	318	2.77	-
5210MHz,#5775MHz	Pass	PK	11.55G	53.27	74.00	-20.73	13.33	3	Vertical	91	2.29	-

11a_Nss1_4TX

5180MHz_TX

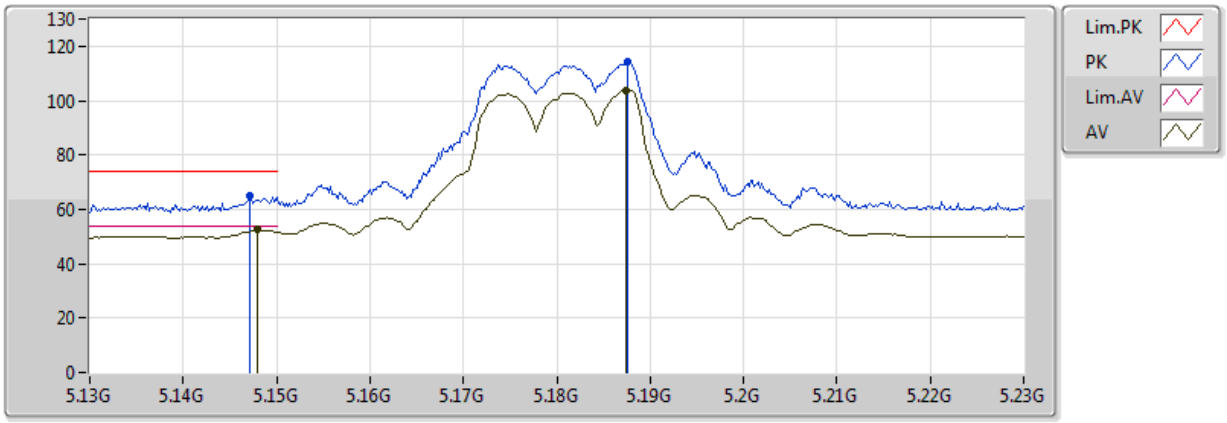


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	51.22	54.00	-2.78	2.80	3	Vertical	166	2.68	-	48.42	31.66	5.62	34.48
AV	5.1792G	107.96	Inf	-Inf	2.82	3	Vertical	166	2.68	-	105.14	31.67	5.63	34.48
PK	5.147G	64.71	74.00	-9.29	2.80	3	Vertical	166	2.68	-	61.91	31.66	5.62	34.48
PK	5.1782G	118.86	Inf	-Inf	2.82	3	Vertical	166	2.68	-	116.04	31.67	5.63	34.48

11a_Nss1_4TX

5180MHz_TX

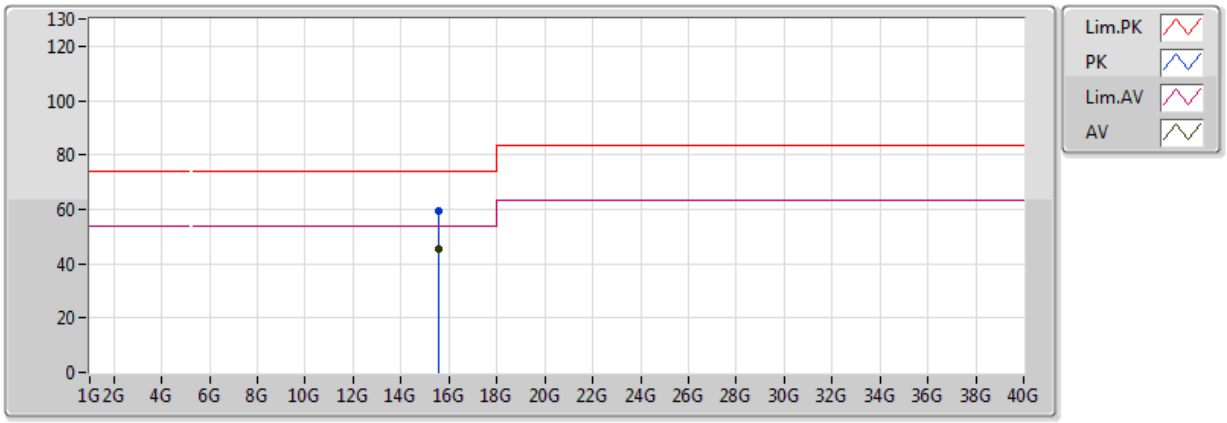


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1874G	103.94	Inf	-Inf	2.82	3	Horizontal	20	3.69	-	101.12	31.67	5.63	34.48
AV	5.148G	52.53	54.00	-1.47	2.80	3	Horizontal	20	3.69	-	49.73	31.66	5.62	34.48
PK	5.1876G	114.39	Inf	-Inf	2.82	3	Horizontal	20	3.69	-	111.56	31.68	5.63	34.48
PK	5.1472G	65.15	74.00	-8.85	2.80	3	Horizontal	20	3.69	-	62.35	31.66	5.62	34.48

11a_Nss1_4TX

5180MHz_TX

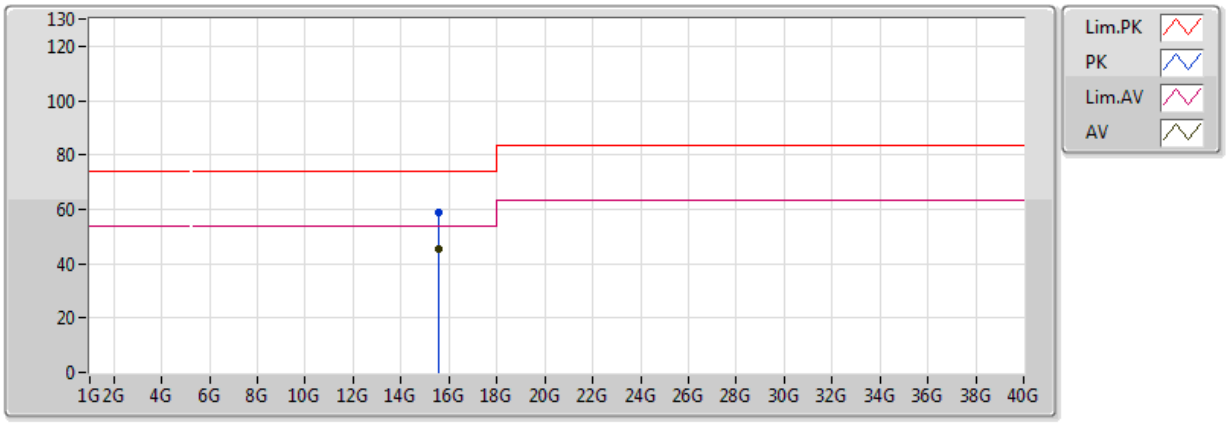


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54G	45.41	54.00	-8.59	14.12	3	Vertical	275	1.50	-	31.29	38.85	9.96	34.68
PK	15.54G	59.31	74.00	-14.69	14.12	3	Vertical	275	1.50	-	45.19	38.85	9.96	34.68

11a_Nss1_4TX

5180MHz_TX

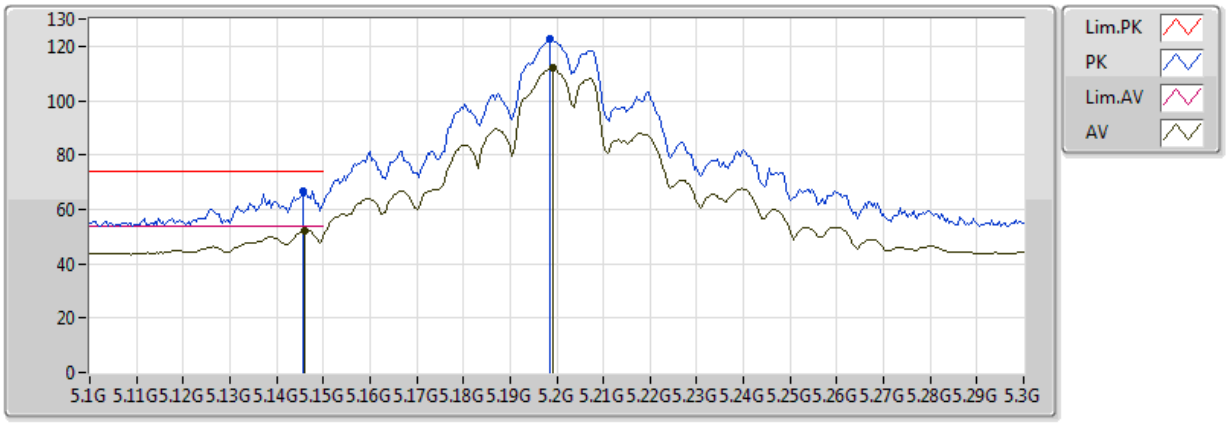


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54G	45.46	54.00	-8.54	14.12	3	Horizontal	252	3.53	-	31.34	38.85	9.96	34.68
PK	15.54G	58.89	74.00	-15.11	14.12	3	Horizontal	252	3.53	-	44.77	38.85	9.96	34.68

11a_Nss1_4TX

5200MHz_TX

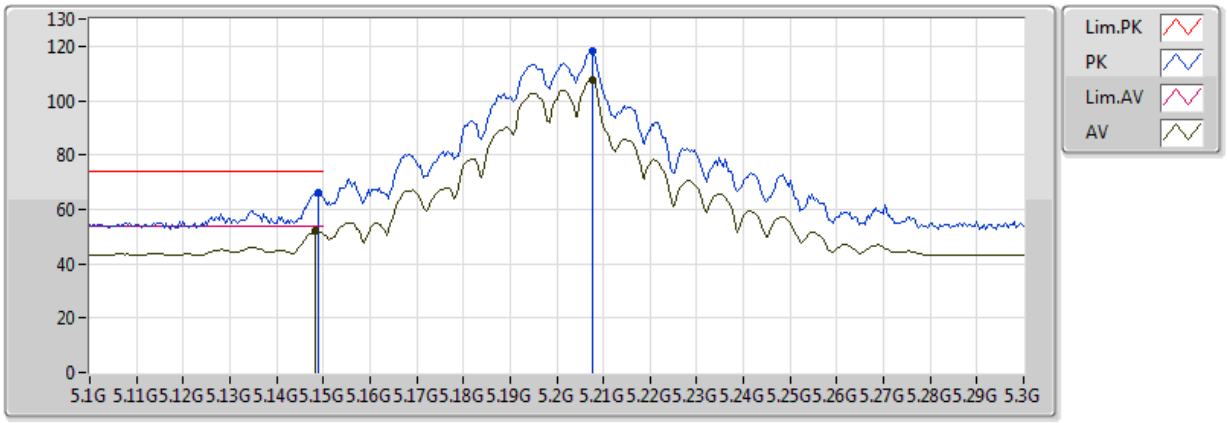


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1992G	111.87	Inf	-Inf	2.83	3	Vertical	171	2.77	-	109.04	31.68	5.63	34.48
AV	5.146G	52.30	54.00	-1.70	2.80	3	Vertical	171	2.77	-	49.50	31.66	5.62	34.48
PK	5.1984G	122.48	Inf	-Inf	2.83	3	Vertical	171	2.77	-	119.65	31.68	5.63	34.48
PK	5.1456G	66.76	74.00	-7.24	2.80	3	Vertical	171	2.77	-	63.97	31.66	5.62	34.48

11a_Nss1_4TX

5200MHz_TX

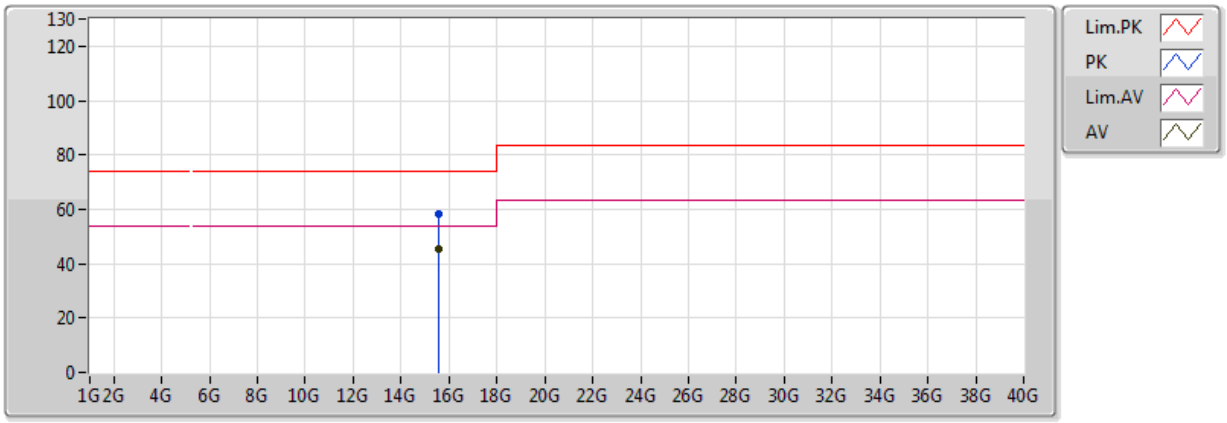


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2076G	107.79	Inf	-Inf	2.83	3	Horizontal	24	3.63	-	104.96	31.68	5.63	34.48
AV	5.1484G	51.96	54.00	-2.04	2.80	3	Horizontal	24	3.63	-	49.16	31.66	5.62	34.48
PK	5.2076G	118.50	Inf	-Inf	2.83	3	Horizontal	24	3.63	-	115.67	31.68	5.63	34.48
PK	5.1488G	65.91	74.00	-8.09	2.80	3	Horizontal	24	3.63	-	63.11	31.66	5.62	34.48

11a_Nss1_4TX

5200MHz_TX

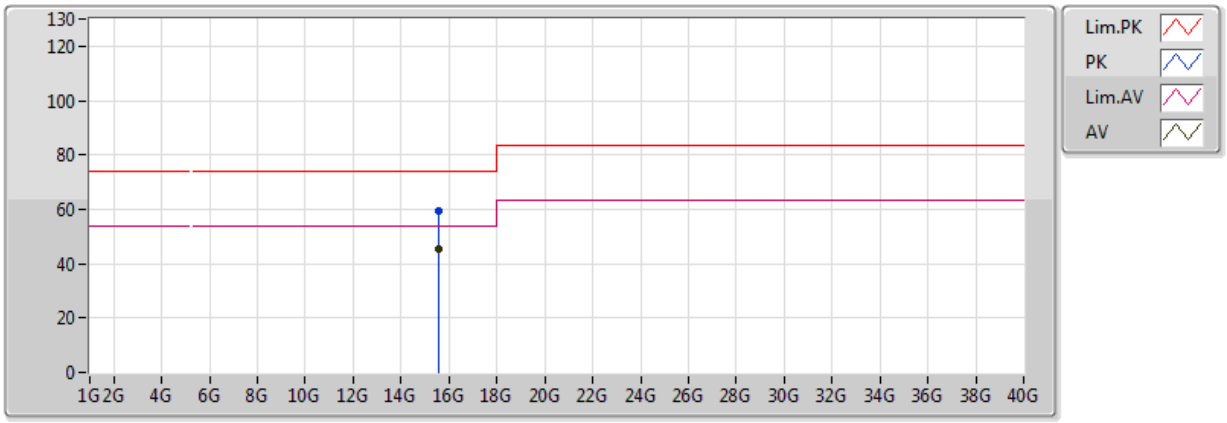


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6G	45.33	54.00	-8.67	13.84	3	Vertical	353	1.26	-	31.49	38.62	9.97	34.75
PK	15.6G	58.48	74.00	-15.52	13.84	3	Vertical	353	1.26	-	44.64	38.62	9.97	34.75

11a_Nss1_4TX

5200MHz_TX

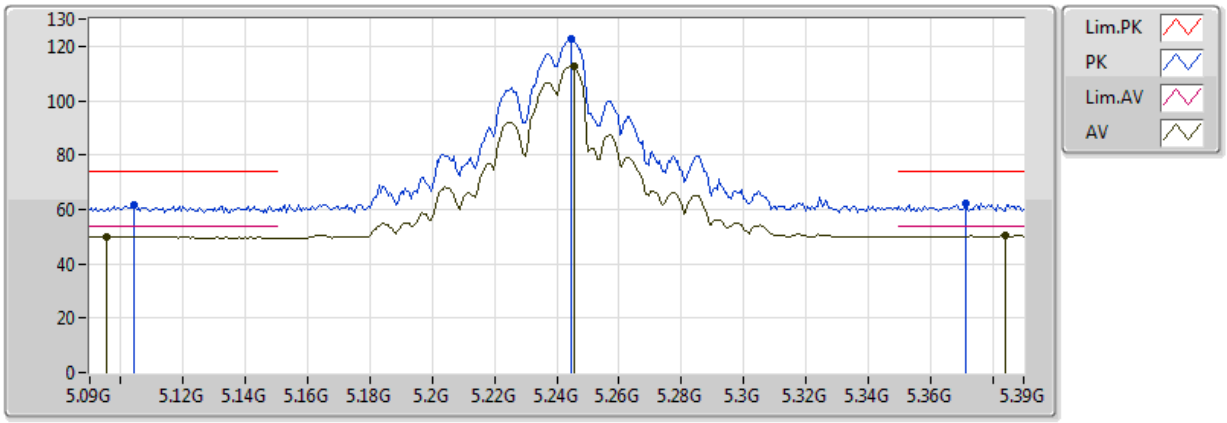


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6G	45.43	54.00	-8.57	13.84	3	Horizontal	0	2.84	-	31.59	38.62	9.97	34.75
PK	15.6G	59.22	74.00	-14.78	13.84	3	Horizontal	0	2.84	-	45.38	38.62	9.97	34.75

11a_Nss1_4TX

5240MHz_TX

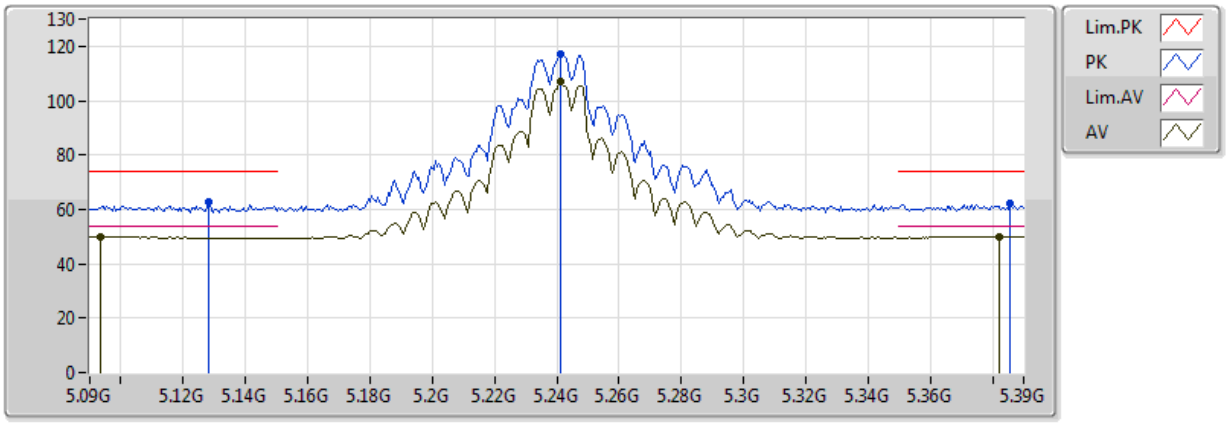


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2454G	112.41	Inf	-Inf	2.85	3	Vertical	142	2.61	-	109.56	31.70	5.63	34.48
AV	5.0954G	49.91	54.00	-4.09	2.77	3	Vertical	142	2.61	-	47.15	31.64	5.61	34.48
AV	5.384G	50.22	54.00	-3.78	2.92	3	Vertical	142	2.61	-	47.30	31.75	5.66	34.49
PK	5.2448G	122.46	Inf	-Inf	2.85	3	Vertical	142	2.61	-	119.62	31.70	5.63	34.48
PK	5.1044G	61.43	74.00	-12.57	2.77	3	Vertical	142	2.61	-	58.66	31.64	5.61	34.48
PK	5.3714G	62.21	74.00	-11.79	2.91	3	Vertical	142	2.61	-	59.30	31.75	5.65	34.49

11a_Nss1_4TX

5240MHz_TX

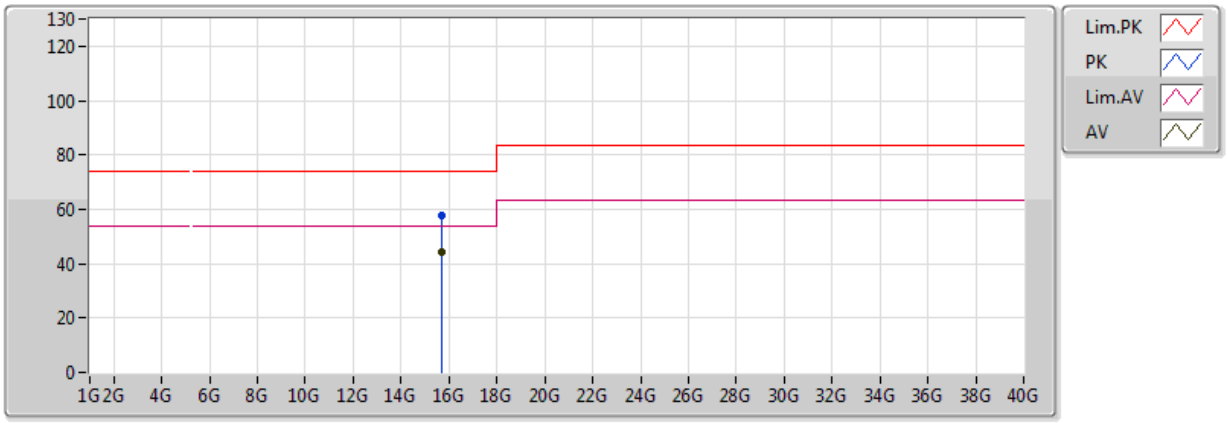


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2412G	106.78	Inf	-Inf	2.85	3	Horizontal	162	3.61	-	103.93	31.70	5.63	34.48
AV	5.0936G	49.79	54.00	-4.21	2.77	3	Horizontal	162	3.61	-	47.02	31.64	5.61	34.48
AV	5.3822G	49.99	54.00	-4.01	2.92	3	Horizontal	162	3.61	-	47.07	31.75	5.66	34.49
PK	5.2412G	116.99	Inf	-Inf	2.85	3	Horizontal	162	3.61	-	114.15	31.70	5.63	34.48
PK	5.1284G	62.58	74.00	-11.42	2.79	3	Horizontal	162	3.61	-	59.79	31.65	5.62	34.48
PK	5.3858G	62.27	74.00	-11.73	2.92	3	Horizontal	162	3.61	-	59.35	31.75	5.66	34.49

11a_Nss1_4TX

5240MHz_TX

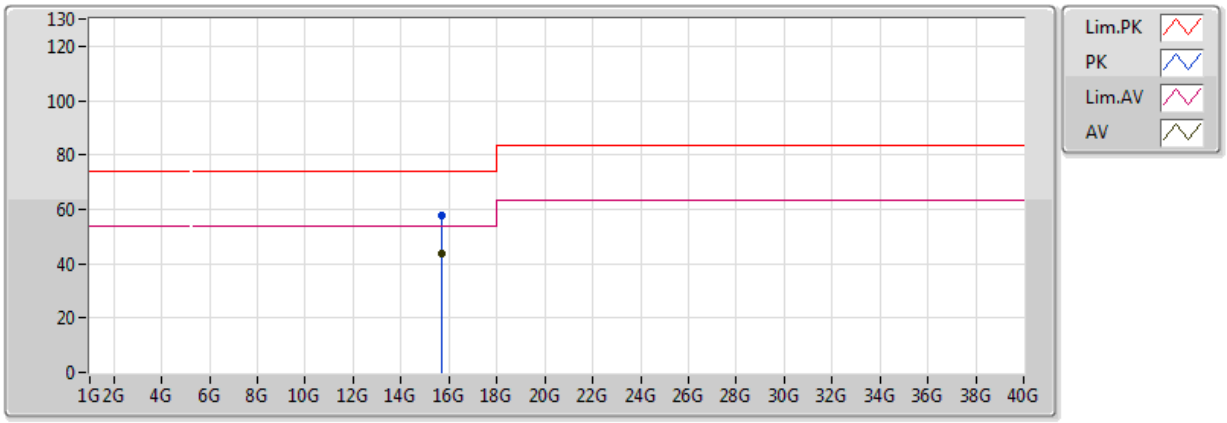


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72G	44.19	54.00	-9.81	13.27	3	Vertical	340	1.01	-	30.92	38.16	10.00	34.90
PK	15.72G	57.49	74.00	-16.51	13.27	3	Vertical	340	1.01	-	44.22	38.16	10.00	34.90

11a_Nss1_4TX

5240MHz_TX

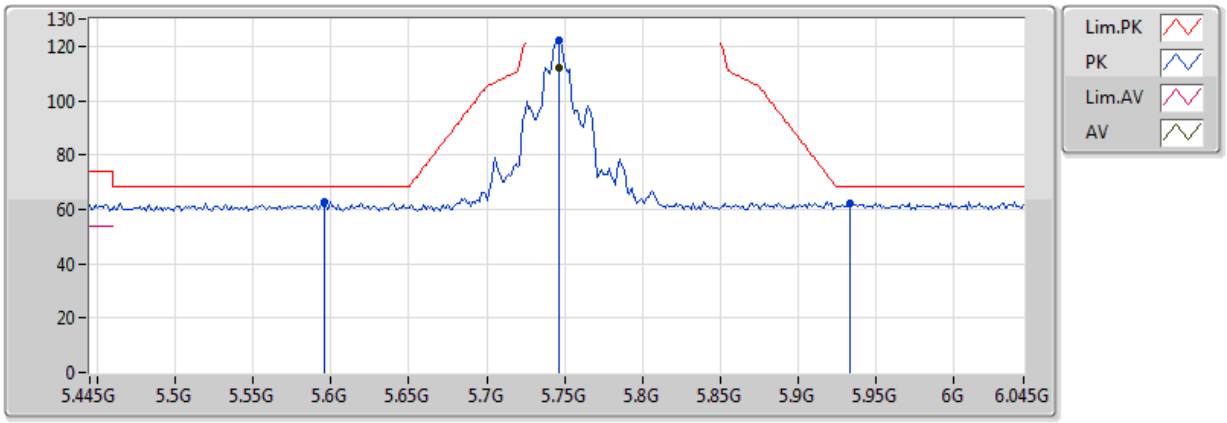


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72G	43.69	54.00	-10.31	13.27	3	Horizontal	85	1.02	-	30.42	38.16	10.00	34.90
PK	15.72G	57.78	74.00	-16.22	13.27	3	Horizontal	85	1.02	-	44.51	38.16	10.00	34.90

11a_Nss1_4TX

5745MHz_TX

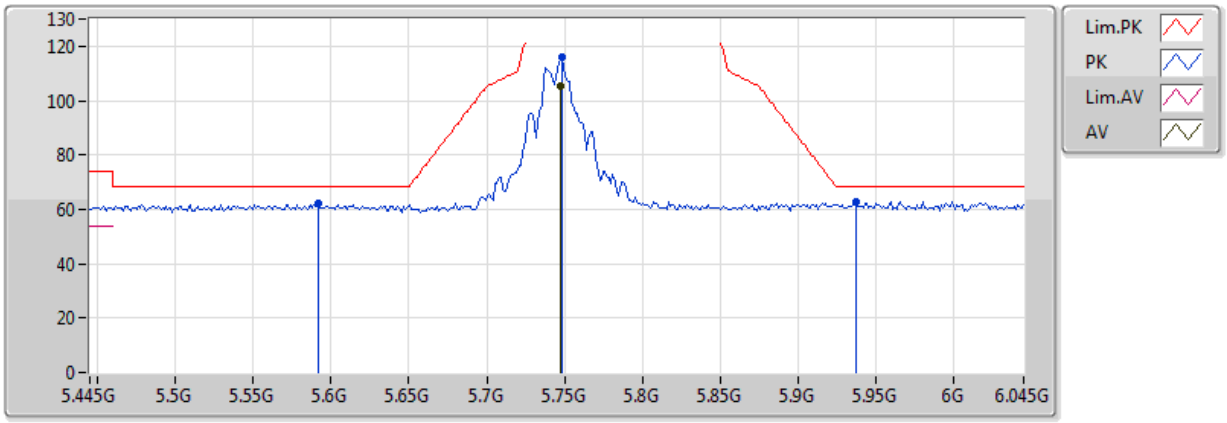


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	112.05	Inf	-Inf	3.49	3	Vertical	276	2.50	-	108.55	32.19	5.85	34.55
PK	5.7462G	122.20	Inf	-Inf	3.49	3	Vertical	276	2.50	-	118.71	32.19	5.85	34.55
PK	5.5962G	62.72	68.20	-5.48	3.18	3	Vertical	276	2.50	-	59.54	31.95	5.74	34.51
PK	5.9334G	62.28	68.20	-5.92	3.88	3	Vertical	276	2.50	-	58.39	32.49	5.98	34.60

11a_Nss1_4TX

5745MHz_TX

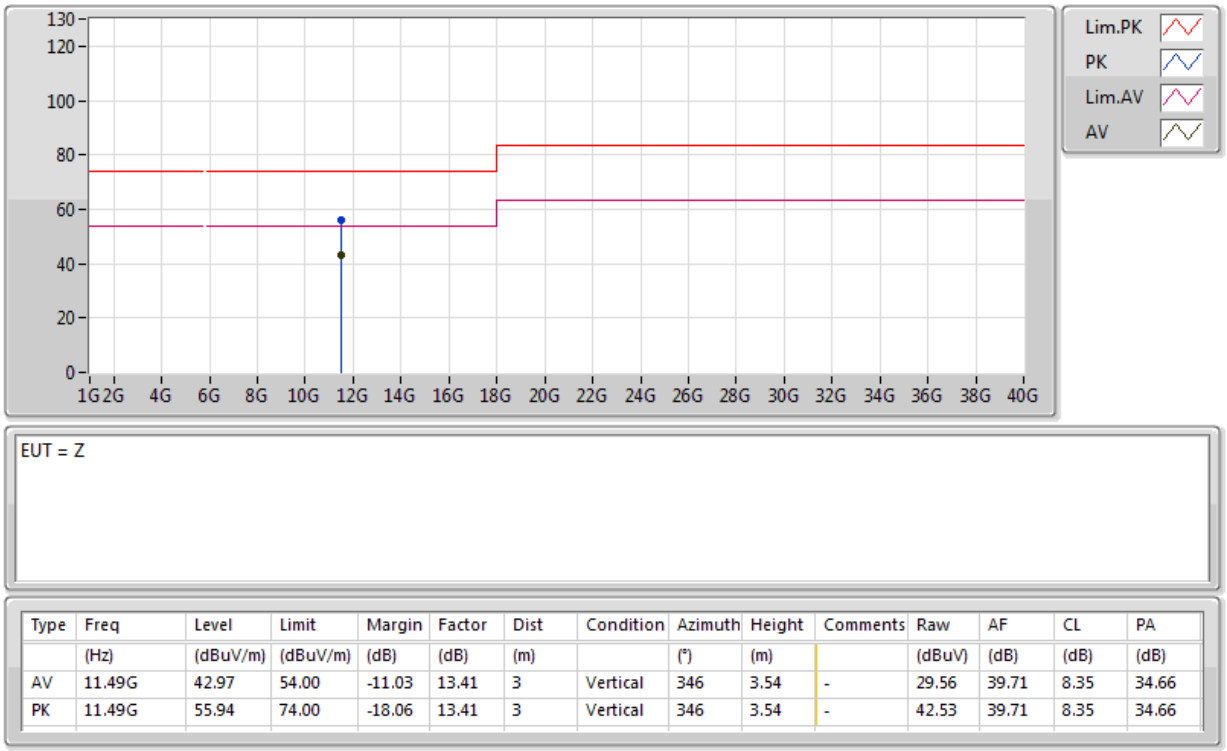


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	105.47	Inf	-Inf	3.49	3	Horizontal	28	1.00	-	101.98	32.20	5.85	34.55
PK	5.7486G	115.84	Inf	-Inf	3.50	3	Horizontal	28	1.00	-	112.34	32.20	5.85	34.55
PK	5.5914G	62.14	68.20	-6.06	3.17	3	Horizontal	28	1.00	-	58.97	31.95	5.73	34.51
PK	5.937G	62.93	68.20	-5.27	3.89	3	Horizontal	28	1.00	-	59.04	32.50	5.99	34.60

11a_Nss1_4TX

5745MHz_TX

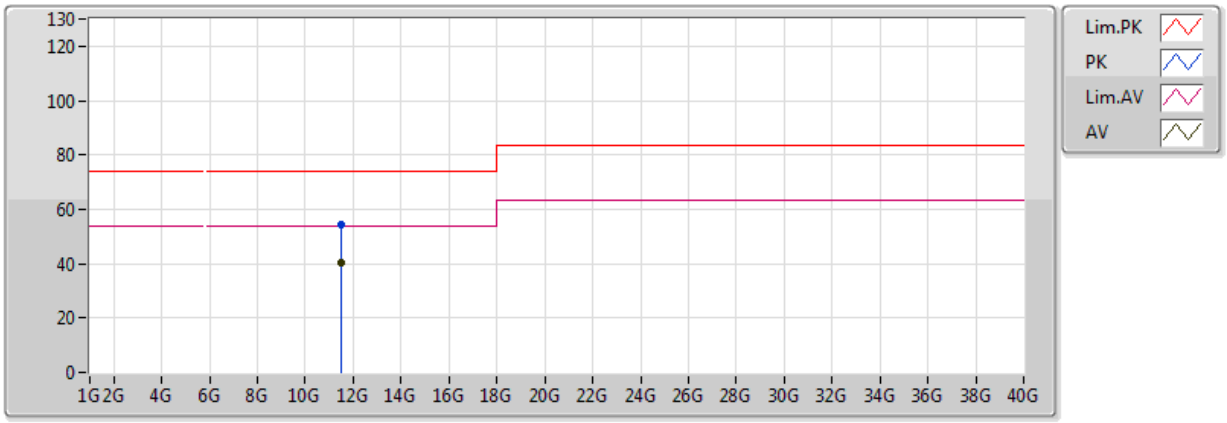


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	42.97	54.00	-11.03	13.41	3	Vertical	346	3.54	-	29.56	39.71	8.35	34.66
PK	11.49G	55.94	74.00	-18.06	13.41	3	Vertical	346	3.54	-	42.53	39.71	8.35	34.66

11a_Nss1_4TX

5745MHz_TX

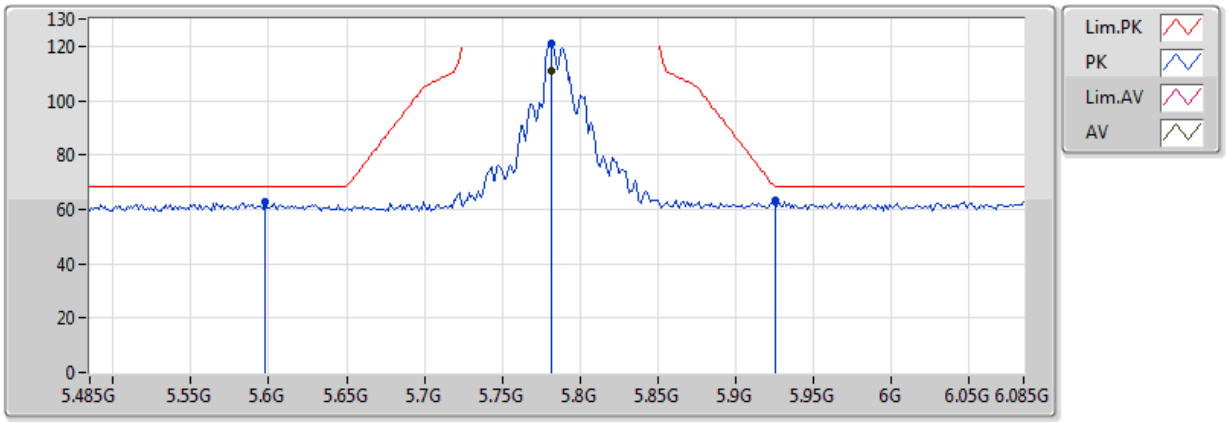


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	40.41	54.00	-13.59	13.41	3	Horizontal	176	1.01	-	27.00	39.71	8.35	34.66
PK	11.49G	54.14	74.00	-19.86	13.41	3	Horizontal	176	1.01	-	40.73	39.71	8.35	34.66

11a_Nss1_4TX

5785MHz_TX

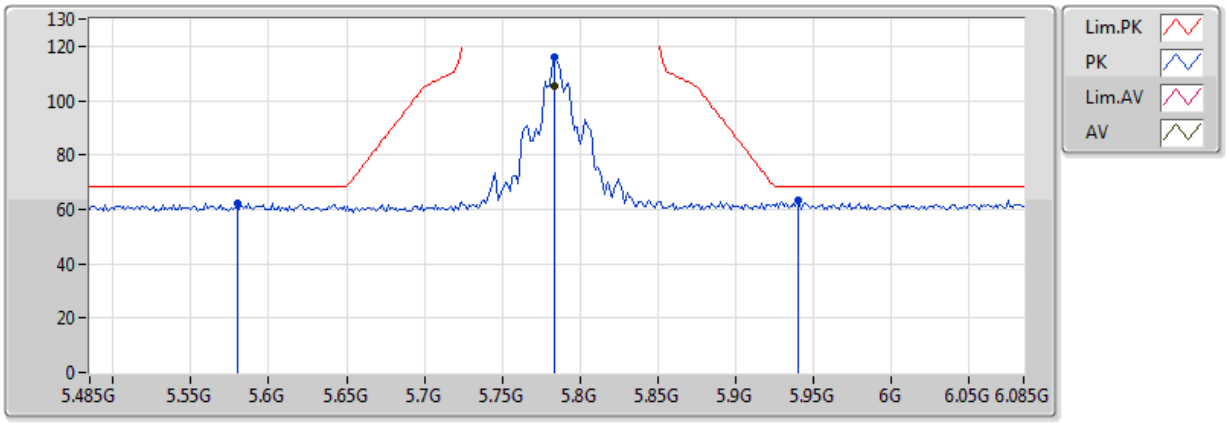


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7814G	110.78	Inf	-Inf	3.57	3	Vertical	215	3.39	-	107.21	32.25	5.88	34.56
PK	5.5978G	62.94	68.20	-5.26	3.19	3	Vertical	215	3.39	-	59.76	31.96	5.74	34.51
PK	5.7814G	120.87	Inf	-Inf	3.57	3	Vertical	215	3.39	-	117.30	32.25	5.88	34.56
PK	5.9254G	63.14	68.20	-5.06	3.86	3	Vertical	215	3.39	-	59.28	32.48	5.98	34.60

11a_Nss1_4TX

5785MHz_TX

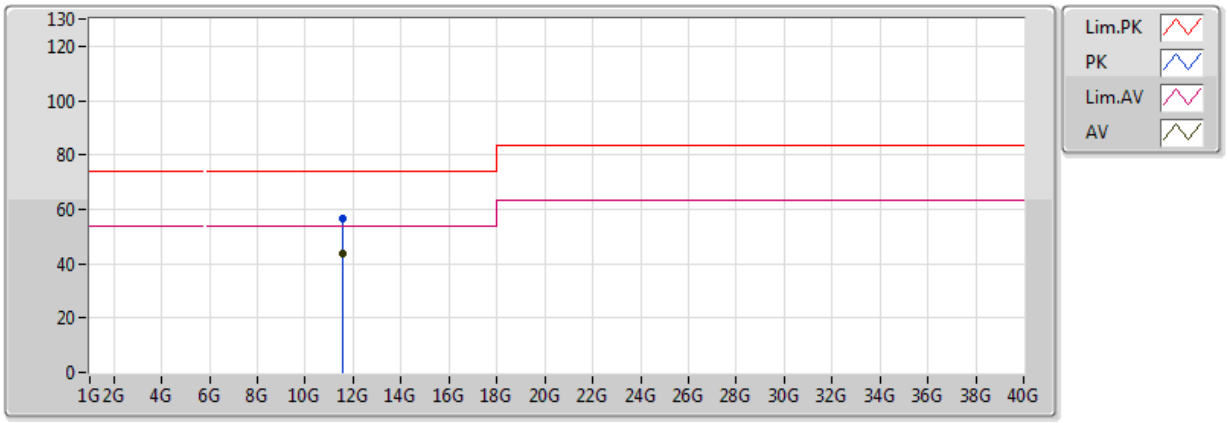


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7838G	105.48	Inf	-Inf	3.57	3	Horizontal	213	2.50	-	101.91	32.25	5.88	34.56
PK	5.7838G	115.93	Inf	-Inf	3.57	3	Horizontal	213	2.50	-	112.36	32.25	5.88	34.56
PK	5.5798G	62.35	68.20	-5.85	3.15	3	Horizontal	213	2.50	-	59.20	31.93	5.73	34.51
PK	5.9398G	63.28	68.20	-4.92	3.89	3	Horizontal	213	2.50	-	59.38	32.50	5.99	34.60

11a_Nss1_4TX

5785MHz_TX

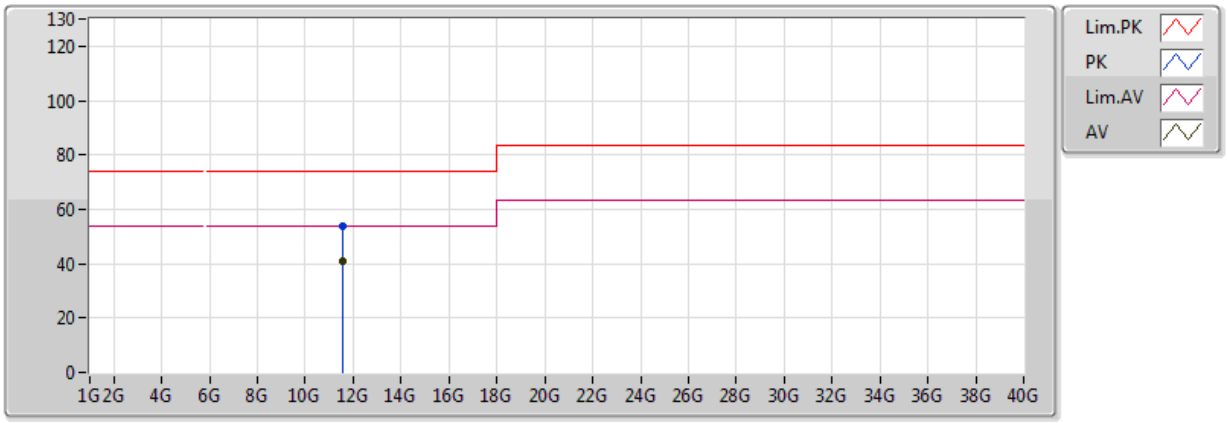


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	43.43	54.00	-10.57	13.30	3	Vertical	37	3.14	-	30.13	39.60	8.37	34.68
PK	11.57G	56.60	74.00	-17.40	13.30	3	Vertical	37	3.14	-	43.30	39.60	8.37	34.68

11a_Nss1_4TX

5785MHz_TX

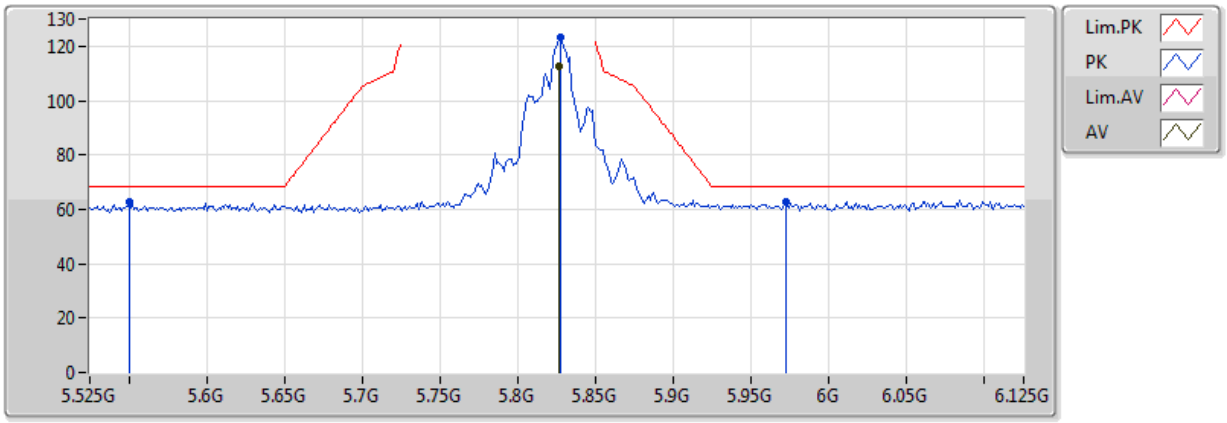


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	40.84	54.00	-13.16	13.30	3	Horizontal	237	1.01	-	27.54	39.60	8.37	34.68
PK	11.57G	54.00	74.00	-20.00	13.30	3	Horizontal	237	1.01	-	40.70	39.60	8.37	34.68

11a_Nss1_4TX

5825MHz_TX

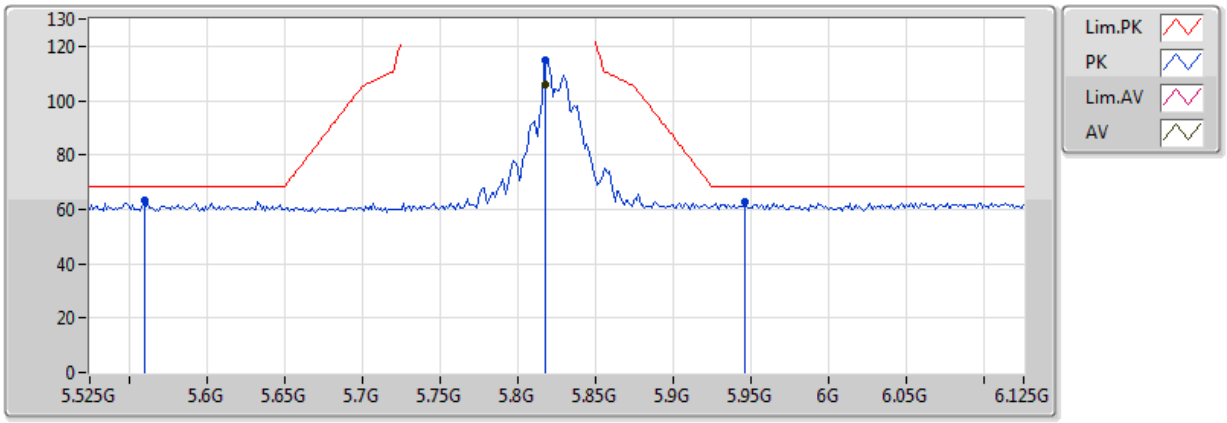


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	112.67	Inf	-Inf	3.66	3	Vertical	274	2.74	-	109.01	32.32	5.91	34.57
PK	5.8274G	123.04	Inf	-Inf	3.66	3	Vertical	274	2.74	-	119.38	32.32	5.91	34.57
PK	5.5502G	62.74	68.20	-5.46	3.09	3	Vertical	274	2.74	-	59.65	31.88	5.71	34.50
PK	5.9726G	62.48	68.20	-5.72	3.96	3	Vertical	274	2.74	-	58.52	32.56	6.01	34.60

11a_Nss1_4TX

5825MHz_TX

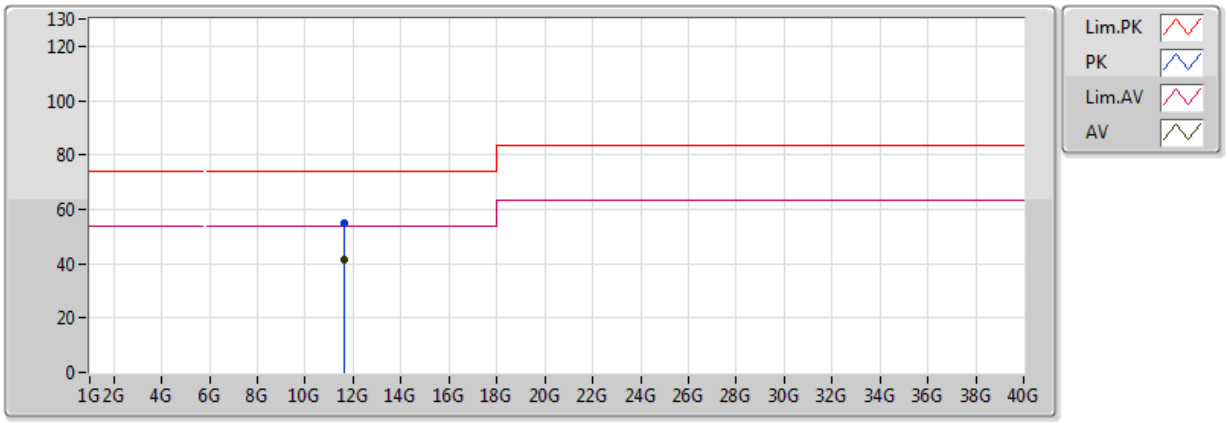


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8178G	105.66	Inf	-Inf	3.65	3	Horizontal	27	3.28	-	102.01	32.31	5.90	34.57
PK	5.8178G	114.97	Inf	-Inf	3.65	3	Horizontal	27	3.28	-	111.33	32.31	5.90	34.57
PK	5.5598G	63.47	68.20	-4.73	3.11	3	Horizontal	27	3.28	-	60.37	31.90	5.71	34.50
PK	5.9462G	62.65	68.20	-5.55	3.91	3	Horizontal	27	3.28	-	58.74	32.51	5.99	34.60

11a_Nss1_4TX

5825MHz_TX

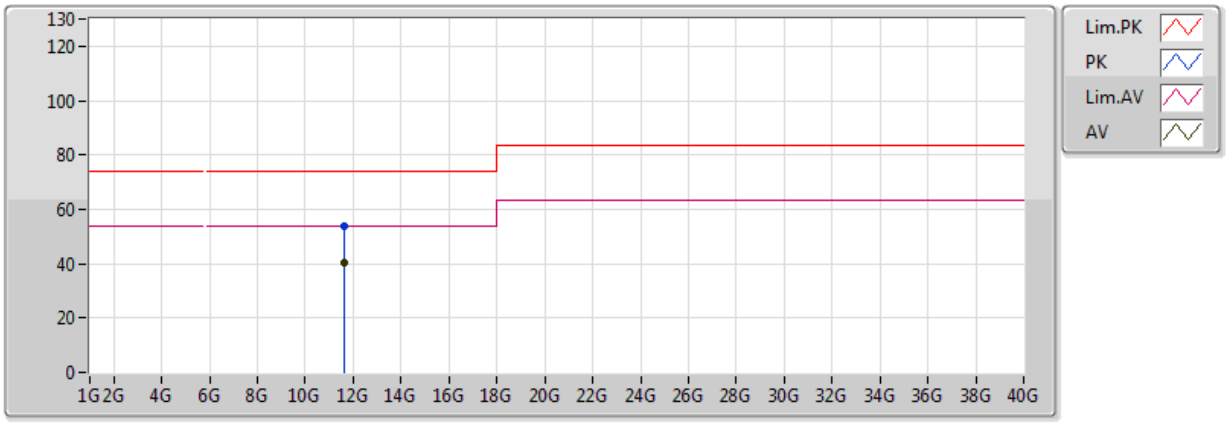


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	41.70	54.00	-12.30	13.19	3	Vertical	211	1.10	-	28.51	39.49	8.40	34.70
PK	11.65G	55.00	74.00	-19.00	13.19	3	Vertical	211	1.10	-	41.81	39.49	8.40	34.70

11a_Nss1_4TX

5825MHz_TX

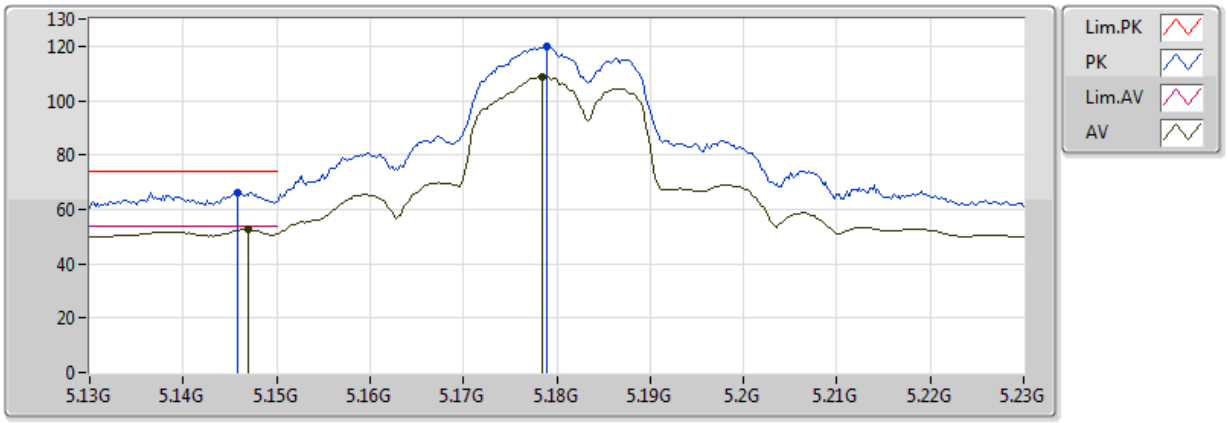


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	40.25	54.00	-13.75	13.19	3	Horizontal	151	1.50	-	27.06	39.49	8.40	34.70
PK	11.65G	53.90	74.00	-20.10	13.19	3	Horizontal	151	1.50	-	40.71	39.49	8.40	34.70

VHT20_Nss1_4TX

5180MHz_TX

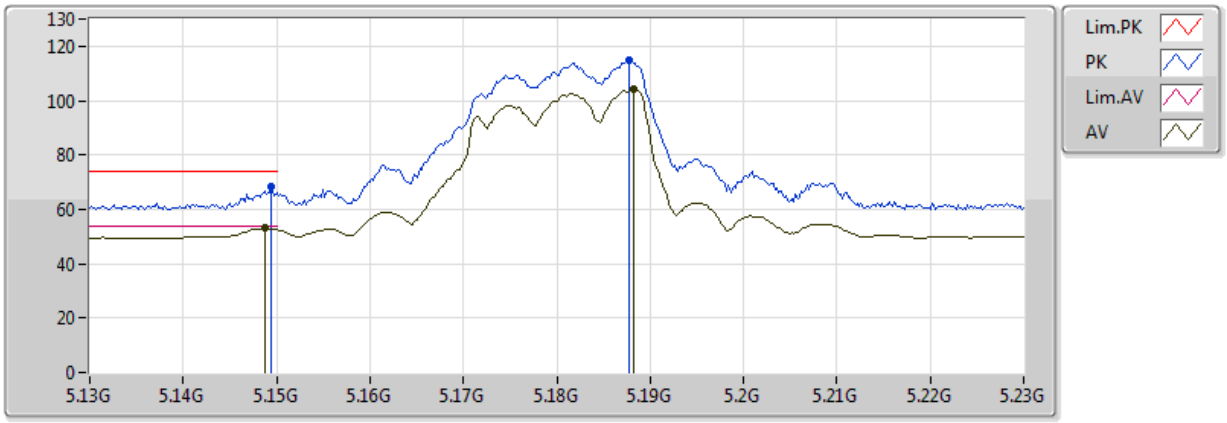


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1784G	108.74	Inf	-Inf	2.82	3	Vertical	167	2.66	-	105.92	31.67	5.63	34.48
AV	5.147G	52.62	54.00	-1.38	2.80	3	Vertical	167	2.66	-	49.82	31.66	5.62	34.48
PK	5.179G	119.80	Inf	-Inf	2.82	3	Vertical	167	2.66	-	116.98	31.67	5.63	34.48
PK	5.1458G	66.32	74.00	-7.68	2.80	3	Vertical	167	2.66	-	63.52	31.66	5.62	34.48

VHT20_Nss1_4TX

5180MHz_TX

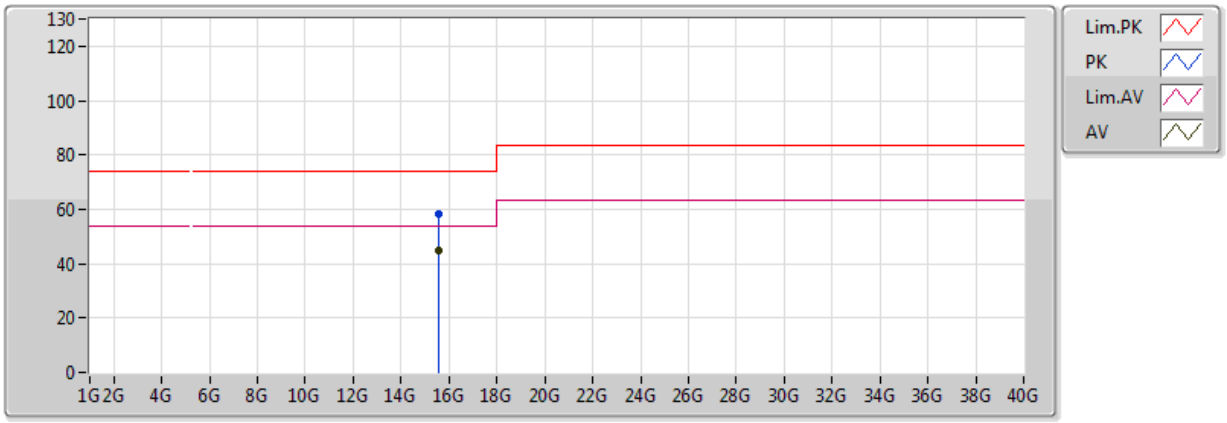


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1882G	104.28	Inf	-Inf	2.82	3	Horizontal	31	3.69	-	101.45	31.68	5.63	34.48
AV	5.1488G	53.21	54.00	-0.79	2.80	3	Horizontal	31	3.69	-	50.41	31.66	5.62	34.48
PK	5.1878G	114.91	Inf	-Inf	2.82	3	Horizontal	31	3.69	-	112.09	31.68	5.63	34.48
PK	5.1494G	68.14	74.00	-5.86	2.80	3	Horizontal	31	3.69	-	65.34	31.66	5.62	34.48

VHT20_Nss1_4TX

5180MHz_TX

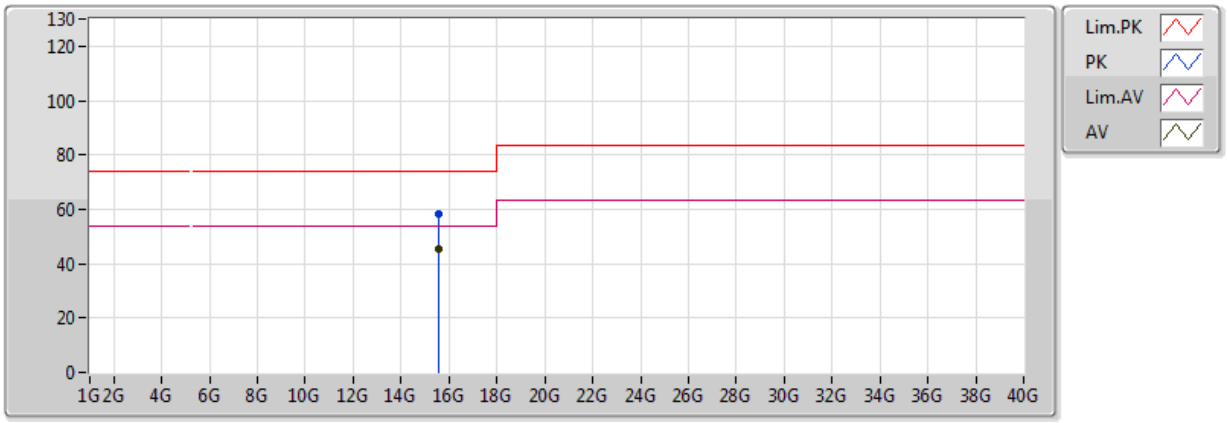


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54G	45.09	54.00	-8.91	14.12	3	Vertical	319	2.45	-	30.97	38.85	9.96	34.68
PK	15.54G	58.20	74.00	-15.80	14.12	3	Vertical	319	2.45	-	44.08	38.85	9.96	34.68

VHT20_Nss1_4TX

5180MHz_TX

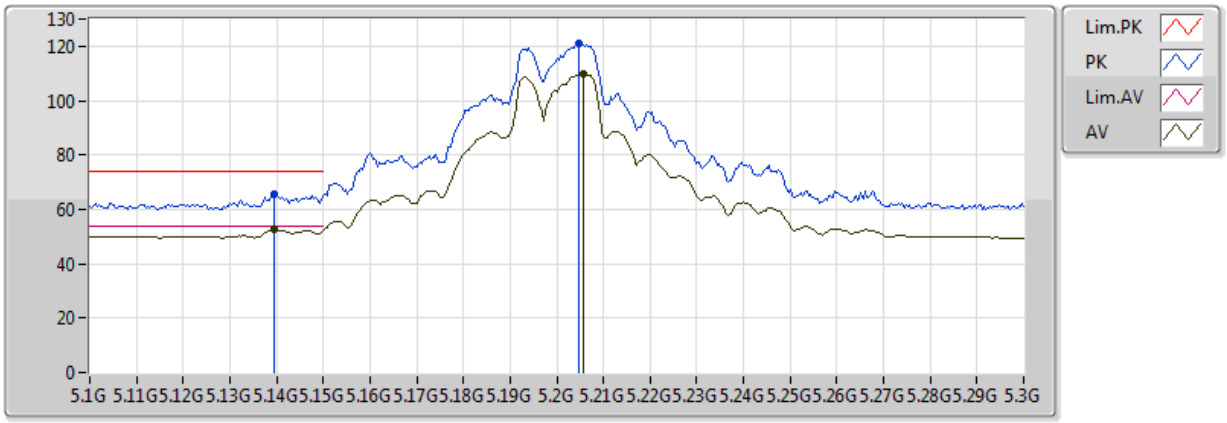


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54G	45.39	54.00	-8.61	14.12	3	Horizontal	345	3.53	-	31.27	38.85	9.96	34.68
PK	15.54G	58.45	74.00	-15.55	14.12	3	Horizontal	345	3.53	-	44.33	38.85	9.96	34.68

VHT20_Nss1_4TX

5200MHz_TX

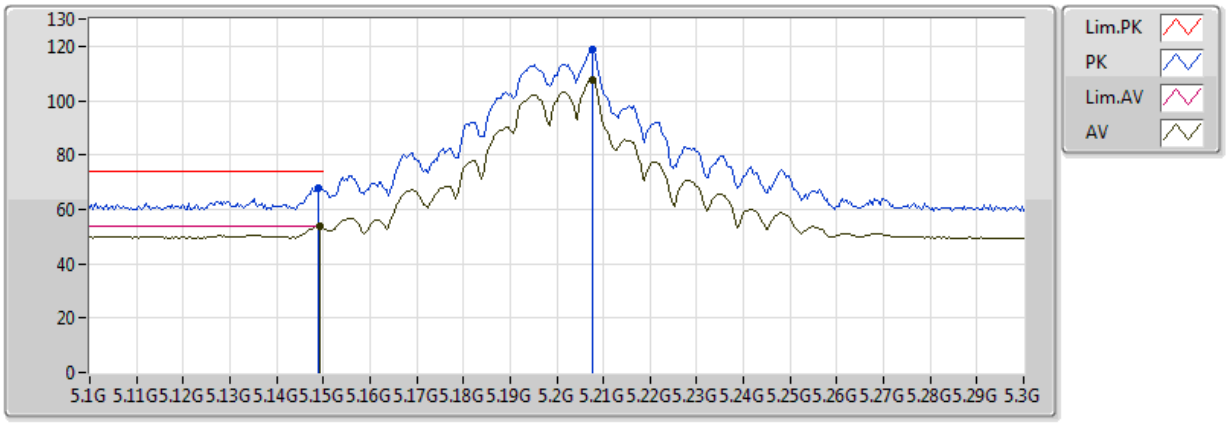


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2056G	110.09	Inf	-Inf	2.83	3	Vertical	302	2.27	-	107.25	31.68	5.63	34.48
AV	5.1396G	52.50	54.00	-1.50	2.79	3	Vertical	302	2.27	-	49.71	31.66	5.62	34.48
PK	5.2048G	120.80	Inf	-Inf	2.83	3	Vertical	302	2.27	-	117.97	31.68	5.63	34.48
PK	5.1396G	65.59	74.00	-8.41	2.79	3	Vertical	302	2.27	-	62.80	31.66	5.62	34.48

VHT20_Nss1_4TX

5200MHz_TX

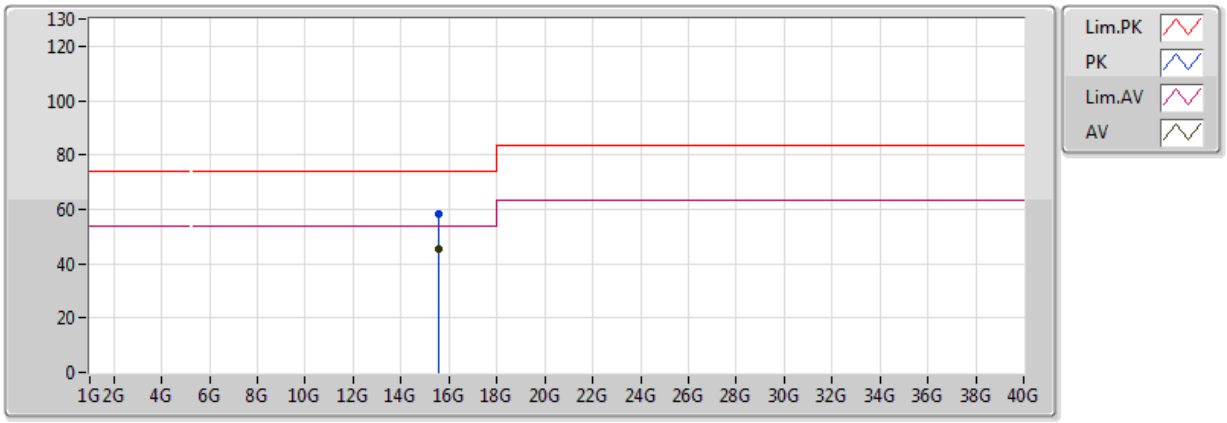


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2076G	107.74	Inf	-Inf	2.83	3	Horizontal	24	3.62	-	104.91	31.68	5.63	34.48
AV	5.1492G	53.66	54.00	-0.34	2.80	3	Horizontal	24	3.62	-	50.86	31.66	5.62	34.48
PK	5.2076G	118.90	Inf	-Inf	2.83	3	Horizontal	24	3.62	-	116.06	31.68	5.63	34.48
PK	5.1488G	67.91	74.00	-6.09	2.80	3	Horizontal	24	3.62	-	65.11	31.66	5.62	34.48

VHT20_Nss1_4TX

5200MHz_TX

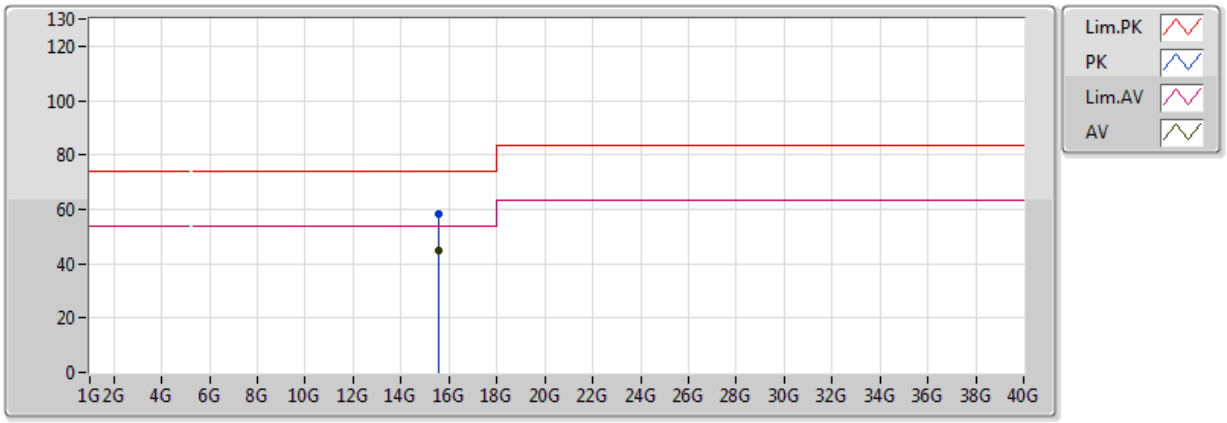


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6G	45.16	54.00	-8.84	13.84	3	Vertical	336	1.25	-	31.32	38.62	9.97	34.75
PK	15.6G	58.38	74.00	-15.62	13.84	3	Vertical	336	1.25	-	44.54	38.62	9.97	34.75

VHT20_Nss1_4TX

5200MHz_TX

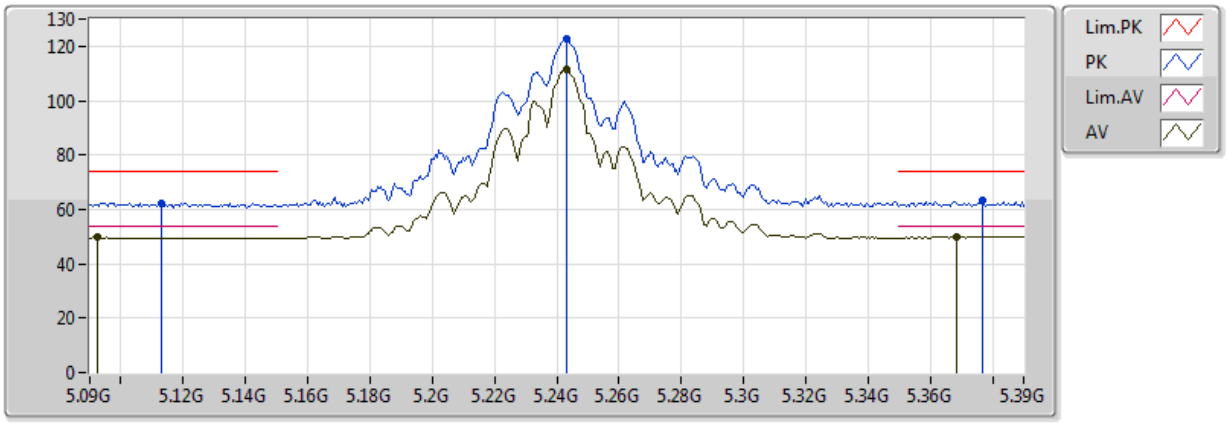


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6G	45.04	54.00	-8.96	13.84	3	Horizontal	189	1.60	-	31.20	38.62	9.97	34.75
PK	15.6G	58.43	74.00	-15.57	13.84	3	Horizontal	189	1.60	-	44.59	38.62	9.97	34.75

VHT20_Nss1_4TX

5240MHz_TX

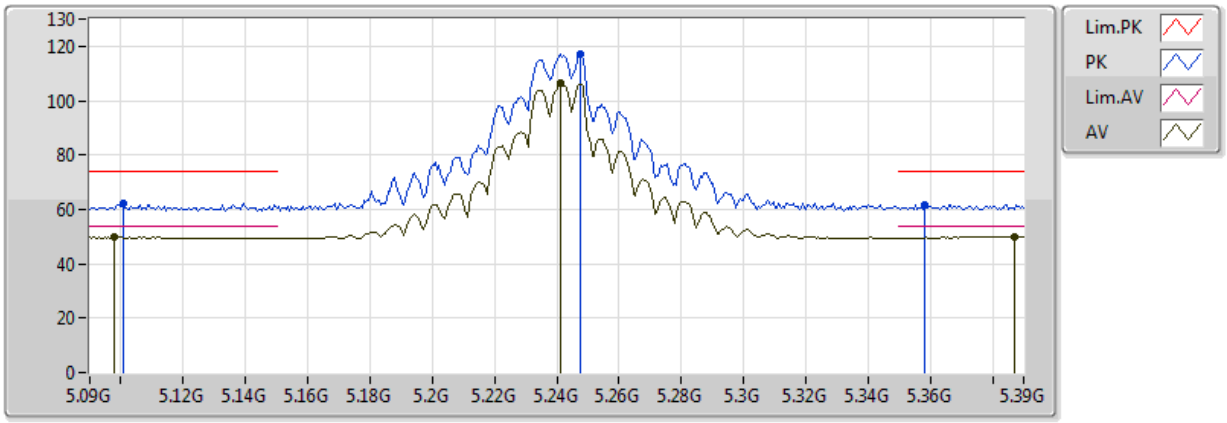


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.243G	111.69	Inf	-Inf	2.85	3	Vertical	72	2.22	-	108.84	31.70	5.63	34.48
AV	5.0924G	49.69	54.00	-4.31	2.77	3	Vertical	72	2.22	-	46.92	31.64	5.61	34.48
AV	5.3684G	49.98	54.00	-4.02	2.91	3	Vertical	72	2.22	-	47.07	31.75	5.65	34.49
PK	5.243G	122.62	Inf	-Inf	2.85	3	Vertical	72	2.22	-	119.77	31.70	5.63	34.48
PK	5.1128G	62.33	74.00	-11.67	2.78	3	Vertical	72	2.22	-	59.55	31.65	5.61	34.48
PK	5.3768G	63.11	74.00	-10.89	2.92	3	Vertical	72	2.22	-	60.19	31.75	5.66	34.49

VHT20_Nss1_4TX

5240MHz_TX

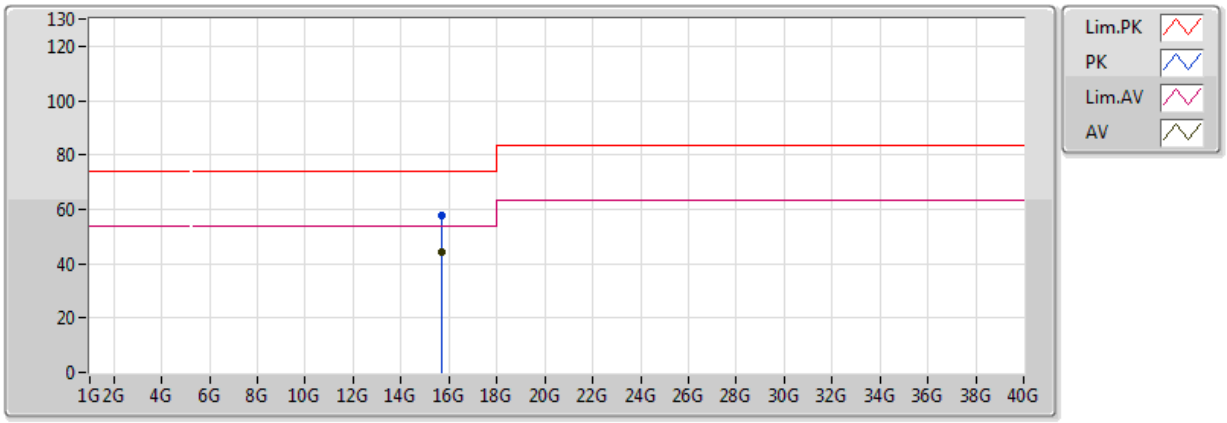


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.0978G	49.72	54.00	-4.28	2.77	3	Horizontal	161	3.59	-	46.95	31.64	5.61	34.48
AV	5.2412G	106.72	Inf	-Inf	2.85	3	Horizontal	161	3.59	-	103.87	31.70	5.63	34.48
AV	5.387G	49.95	54.00	-4.05	2.92	3	Horizontal	161	3.59	-	47.03	31.75	5.66	34.49
PK	5.1008G	62.00	74.00	-12.00	2.77	3	Horizontal	161	3.59	-	59.23	31.64	5.61	34.48
PK	5.2478G	117.39	Inf	-Inf	2.85	3	Horizontal	161	3.59	-	114.54	31.70	5.63	34.48
PK	5.3582G	61.50	74.00	-12.50	2.90	3	Horizontal	161	3.59	-	58.59	31.74	5.65	34.49

VHT20_Nss1_4TX

5240MHz_TX

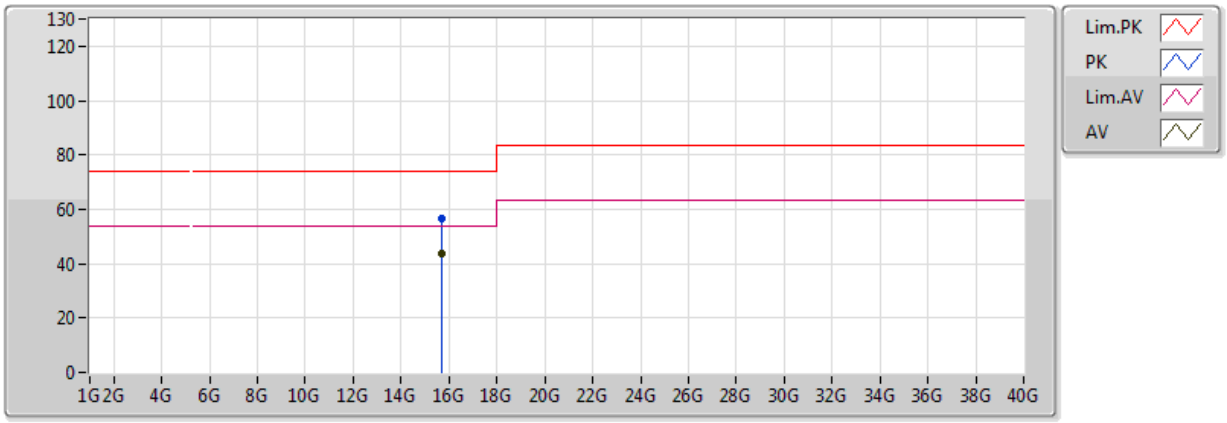


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72G	44.29	54.00	-9.71	13.27	3	Vertical	142	1.00	-	31.02	38.16	10.00	34.90
PK	15.72G	57.55	74.00	-16.45	13.27	3	Vertical	142	1.00	-	44.28	38.16	10.00	34.90

VHT20_Nss1_4TX

5240MHz_TX

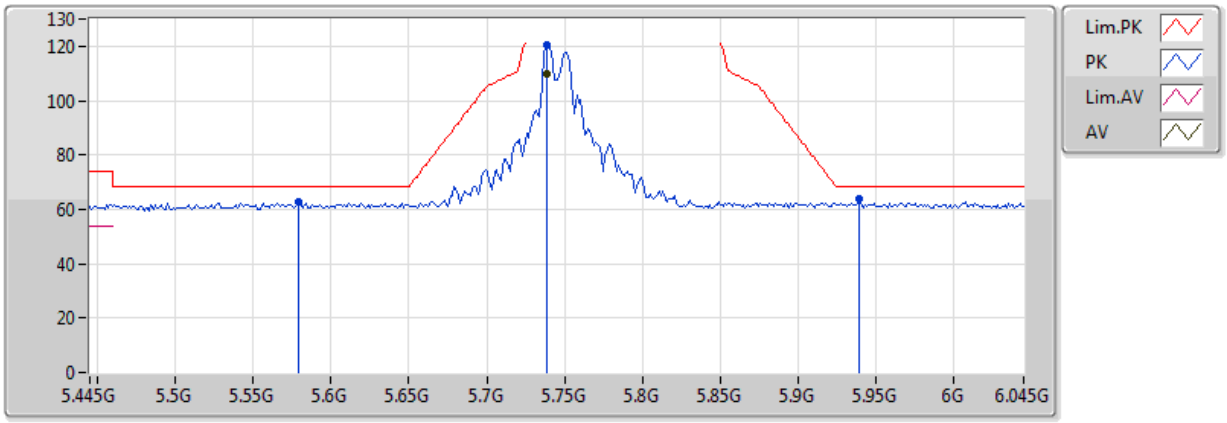


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72G	43.62	54.00	-10.38	13.27	3	Horizontal	149	2.83	-	30.35	38.16	10.00	34.90
PK	15.72G	56.76	74.00	-17.24	13.27	3	Horizontal	149	2.83	-	43.49	38.16	10.00	34.90

VHT20_Nss1_4TX

5745MHz_TX

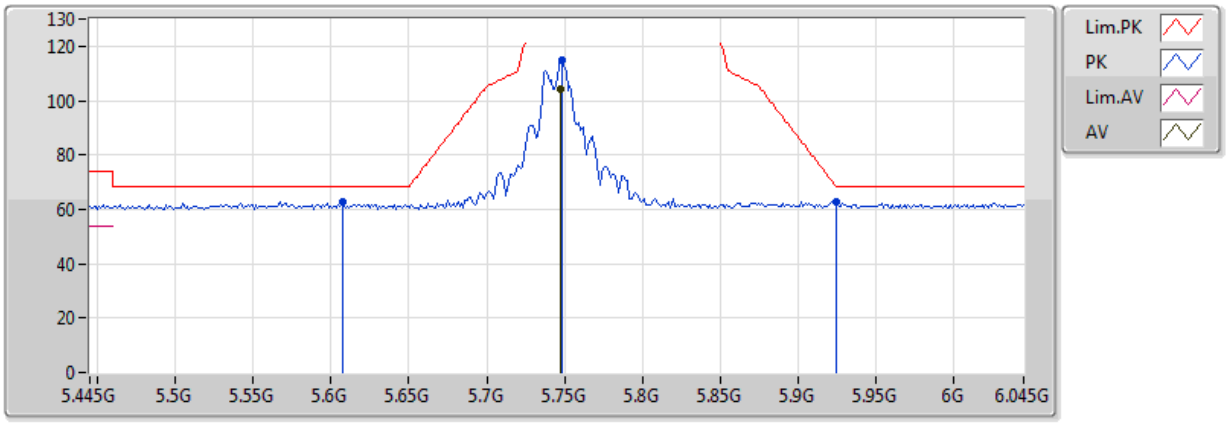


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.739G	109.92	Inf	-Inf	3.48	3	Vertical	333	2.30	-	106.45	32.18	5.84	34.55
PK	5.739G	120.58	Inf	-Inf	3.48	3	Vertical	333	2.30	-	117.10	32.18	5.84	34.55
PK	5.5794G	62.78	68.20	-5.42	3.15	3	Vertical	333	2.30	-	59.63	31.93	5.73	34.51
PK	5.9394G	63.63	68.20	-4.57	3.89	3	Vertical	333	2.30	-	59.74	32.50	5.99	34.60

VHT20_Nss1_4TX

5745MHz_TX

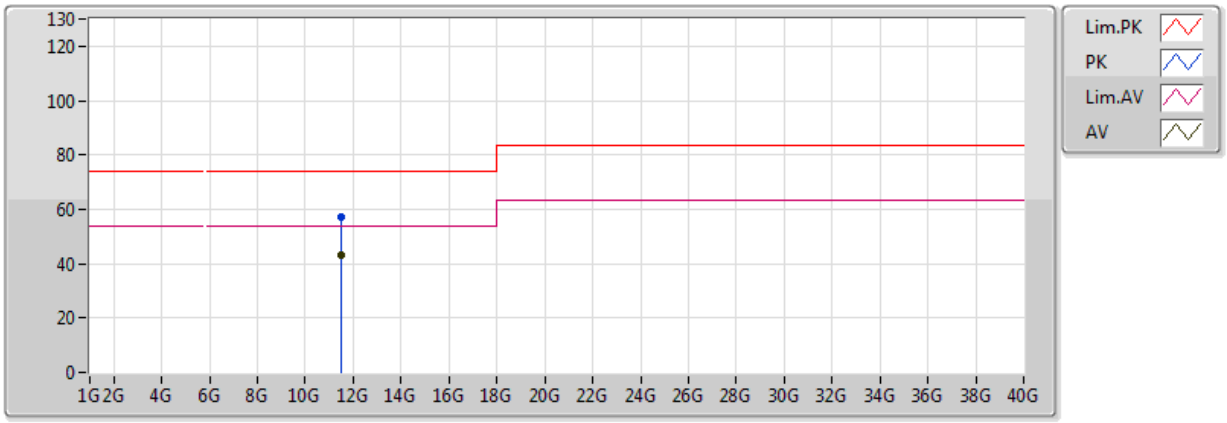


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	104.44	Inf	-Inf	3.49	3	Horizontal	30	1.29	-	100.95	32.20	5.85	34.55
PK	5.7486G	114.65	Inf	-Inf	3.50	3	Horizontal	30	1.29	-	111.15	32.20	5.85	34.55
PK	5.607G	62.91	68.20	-5.29	3.20	3	Horizontal	30	1.29	-	59.71	31.97	5.74	34.51
PK	5.925G	62.69	68.20	-5.51	3.86	3	Horizontal	30	1.29	-	58.82	32.48	5.98	34.59

VHT20_Nss1_4TX

5745MHz_TX

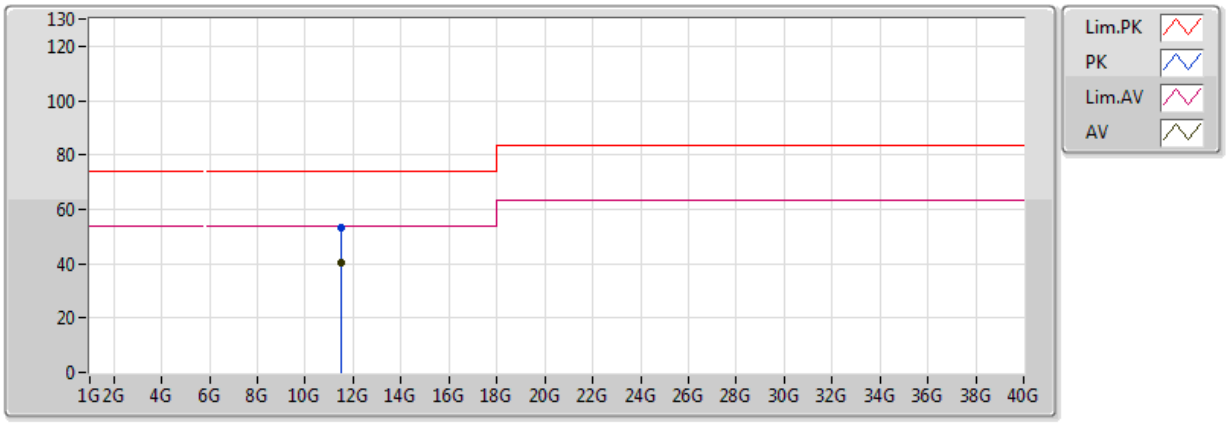


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	43.13	54.00	-10.87	13.41	3	Vertical	353	3.54	-	29.72	39.71	8.35	34.66
PK	11.49G	57.09	74.00	-16.91	13.41	3	Vertical	353	3.54	-	43.68	39.71	8.35	34.66

VHT20_Nss1_4TX

5745MHz_TX

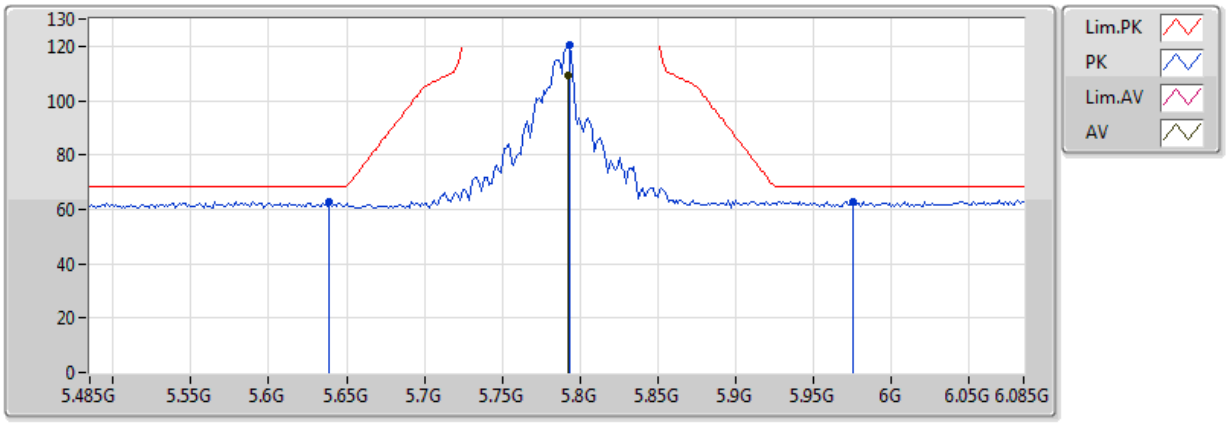


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	40.34	54.00	-13.66	13.41	3	Horizontal	176	1.04	-	26.93	39.71	8.35	34.66
PK	11.49G	53.43	74.00	-20.57	13.41	3	Horizontal	176	1.04	-	40.02	39.71	8.35	34.66

VHT20_Nss1_4TX

5785MHz_TX

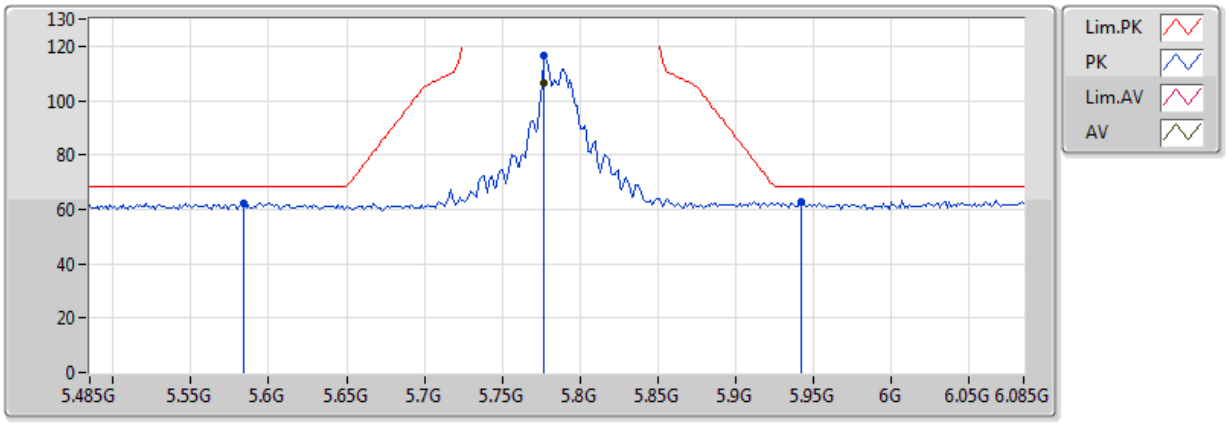


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7922G	109.23	Inf	-Inf	3.59	3	Vertical	31	2.80	-	105.64	32.27	5.88	34.56
PK	5.7934G	120.63	Inf	-Inf	3.60	3	Vertical	31	2.80	-	117.03	32.27	5.88	34.56
PK	5.6386G	62.95	68.20	-5.25	3.27	3	Vertical	31	2.80	-	59.68	32.02	5.77	34.52
PK	5.9758G	63.02	68.20	-5.18	3.97	3	Vertical	31	2.80	-	59.06	32.56	6.01	34.61

VHT20_Nss1_4TX

5785MHz_TX

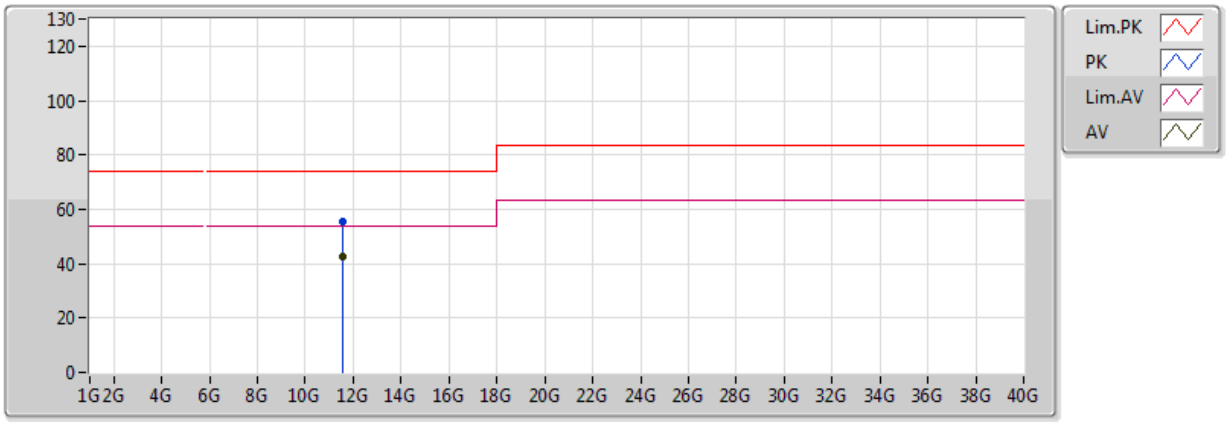


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7766G	106.19	Inf	-Inf	3.56	3	Horizontal	24	2.96	-	102.63	32.24	5.87	34.56
PK	5.7766G	116.69	Inf	-Inf	3.56	3	Horizontal	24	2.96	-	113.13	32.24	5.87	34.56
PK	5.5834G	62.02	68.20	-6.18	3.16	3	Horizontal	24	2.96	-	58.86	31.93	5.73	34.51
PK	5.9422G	62.85	68.20	-5.35	3.90	3	Horizontal	24	2.96	-	58.95	32.51	5.99	34.60

VHT20_Nss1_4TX

5785MHz_TX

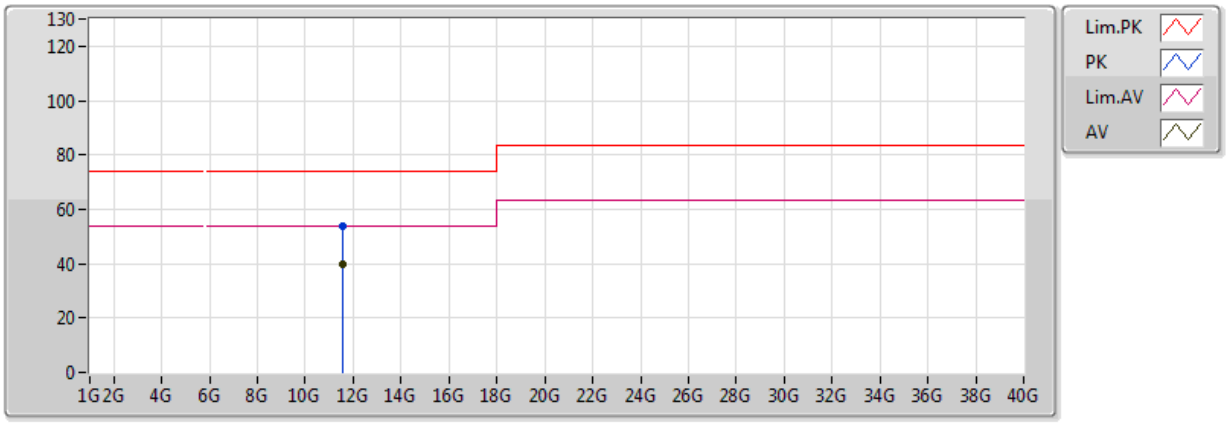


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	42.67	54.00	-11.33	13.30	3	Vertical	37	3.30	-	29.37	39.60	8.37	34.68
PK	11.57G	55.65	74.00	-18.35	13.30	3	Vertical	37	3.30	-	42.35	39.60	8.37	34.68

VHT20_Nss1_4TX

5785MHz_TX

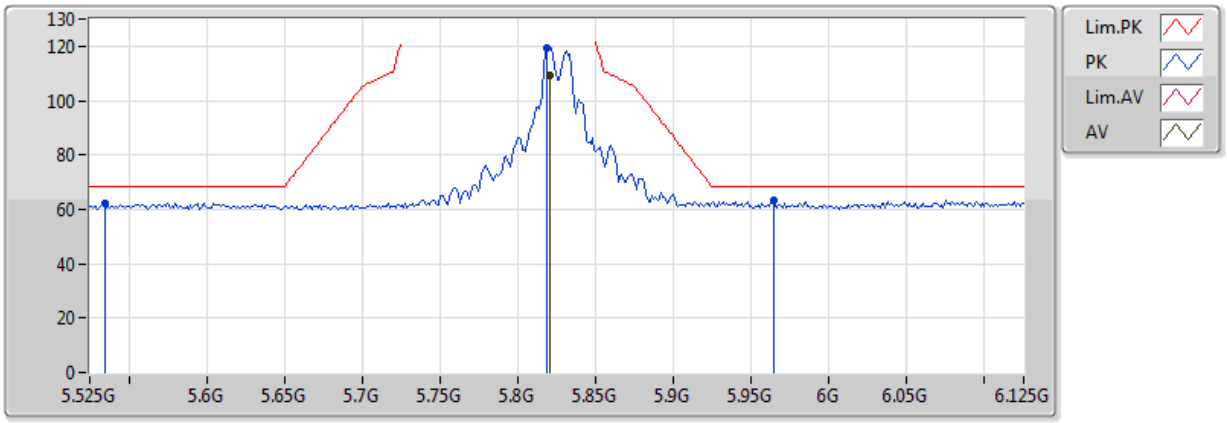


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	39.86	54.00	-14.14	13.30	3	Horizontal	299	2.23	-	26.56	39.60	8.37	34.68
PK	11.57G	53.55	74.00	-20.45	13.30	3	Horizontal	299	2.23	-	40.25	39.60	8.37	34.68

VHT20_Nss1_4TX

5825MHz_TX

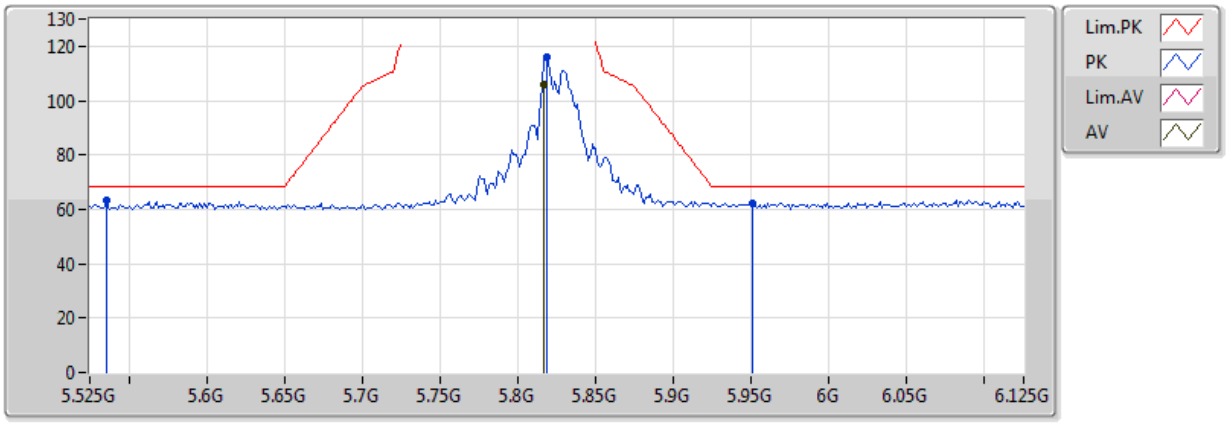


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8202G	109.34	Inf	-Inf	3.65	3	Vertical	332	2.31	-	105.69	32.31	5.90	34.57
PK	5.819G	119.46	Inf	-Inf	3.65	3	Vertical	332	2.31	-	115.81	32.31	5.90	34.57
PK	5.5346G	62.43	68.20	-5.77	3.05	3	Vertical	332	2.31	-	59.37	31.86	5.69	34.50
PK	5.9642G	63.08	68.20	-5.12	3.94	3	Vertical	332	2.31	-	59.13	32.54	6.00	34.60

VHT20_Nss1_4TX

5825MHz_TX

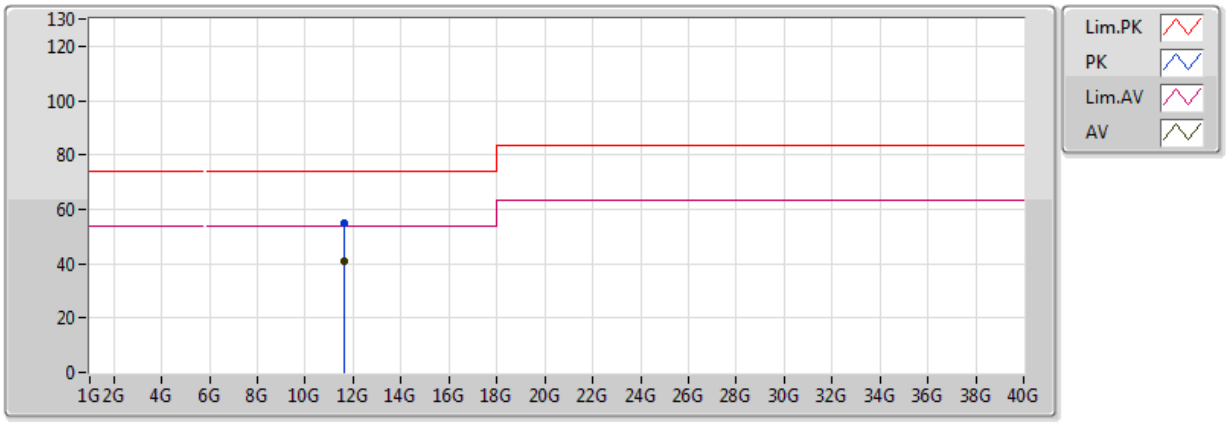


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8166G	105.71	Inf	-Inf	3.64	3	Horizontal	23	2.74	-	102.07	32.31	5.90	34.56
PK	5.819G	116.15	Inf	-Inf	3.65	3	Horizontal	23	2.74	-	112.51	32.31	5.90	34.57
PK	5.5358G	63.59	68.20	-4.61	3.06	3	Horizontal	23	2.74	-	60.54	31.86	5.70	34.50
PK	5.951G	62.41	68.20	-5.79	3.92	3	Horizontal	23	2.74	-	58.49	32.52	6.00	34.60

VHT20_Nss1_4TX

5825MHz_TX

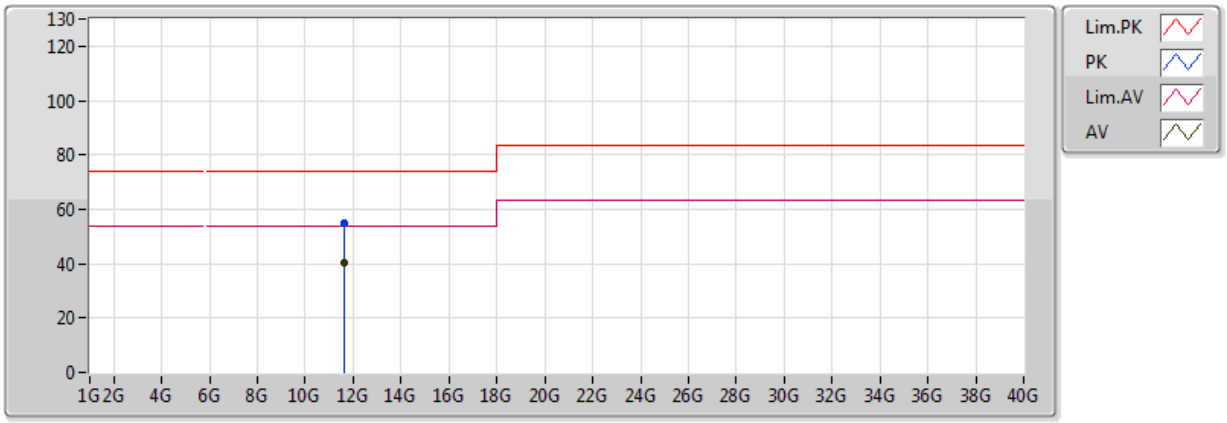


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	41.16	54.00	-12.84	13.19	3	Vertical	210	1.17	-	27.97	39.49	8.40	34.70
PK	11.65G	55.14	74.00	-18.86	13.19	3	Vertical	210	1.17	-	41.95	39.49	8.40	34.70

VHT20_Nss1_4TX

5825MHz_TX

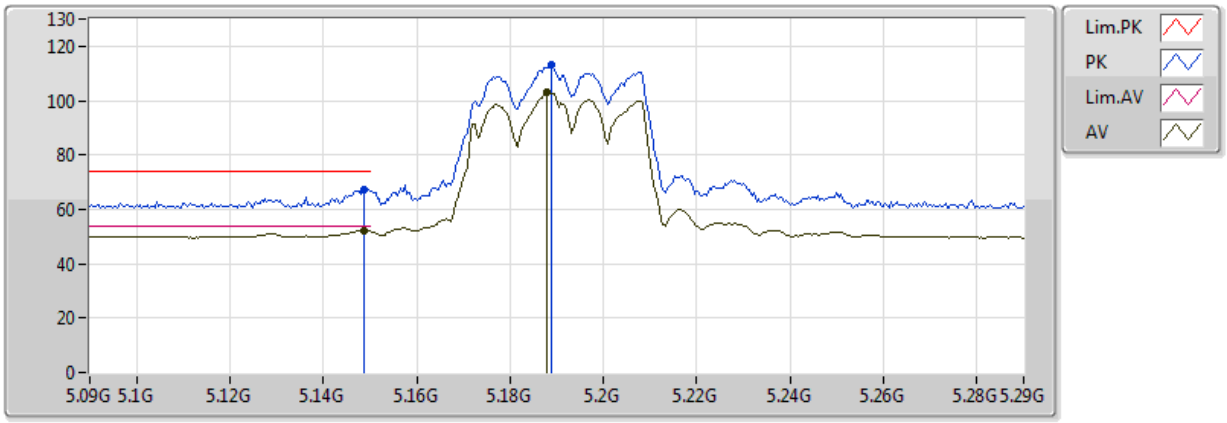


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	40.15	54.00	-13.85	13.19	3	Horizontal	98	1.13	-	26.96	39.49	8.40	34.70
PK	11.65G	54.87	74.00	-19.13	13.19	3	Horizontal	98	1.13	-	41.68	39.49	8.40	34.70

VHT40_Nss1_4TX

5190MHz_TX

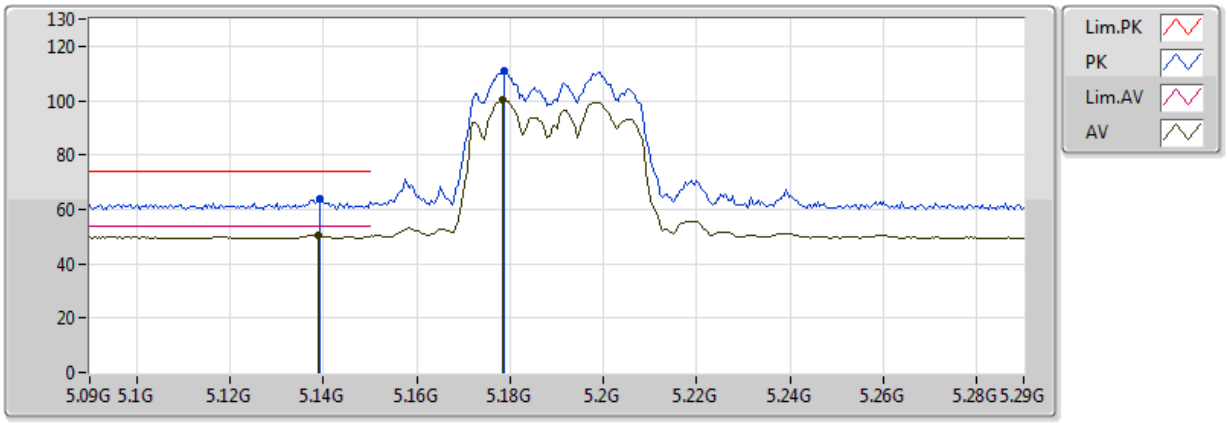


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.188G	102.94	Inf	-Inf	2.82	3	Vertical	168	2.77	-	100.12	31.68	5.63	34.48
AV	5.1488G	52.24	54.00	-1.76	2.80	3	Vertical	168	2.77	-	49.44	31.66	5.62	34.48
PK	5.1888G	112.94	Inf	-Inf	2.82	3	Vertical	168	2.77	-	110.12	31.68	5.63	34.48
PK	5.1488G	67.36	74.00	-6.64	2.80	3	Vertical	168	2.77	-	64.56	31.66	5.62	34.48

VHT40_Nss1_4TX

5190MHz_TX

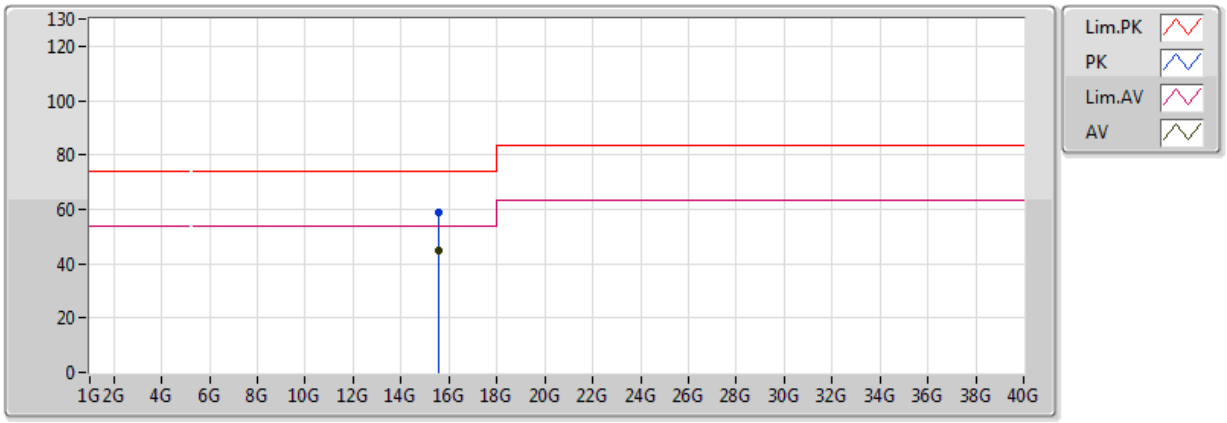


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1784G	100.10	Inf	-Inf	2.82	3	Horizontal	30	3.69	-	97.28	31.67	5.63	34.48
AV	5.1388G	50.34	54.00	-3.66	2.79	3	Horizontal	30	3.69	-	47.55	31.66	5.62	34.48
PK	5.1788G	110.90	Inf	-Inf	2.82	3	Horizontal	30	3.69	-	108.08	31.67	5.63	34.48
PK	5.1392G	63.85	74.00	-10.15	2.79	3	Horizontal	30	3.69	-	61.06	31.66	5.62	34.48

VHT40_Nss1_4TX

5190MHz_TX

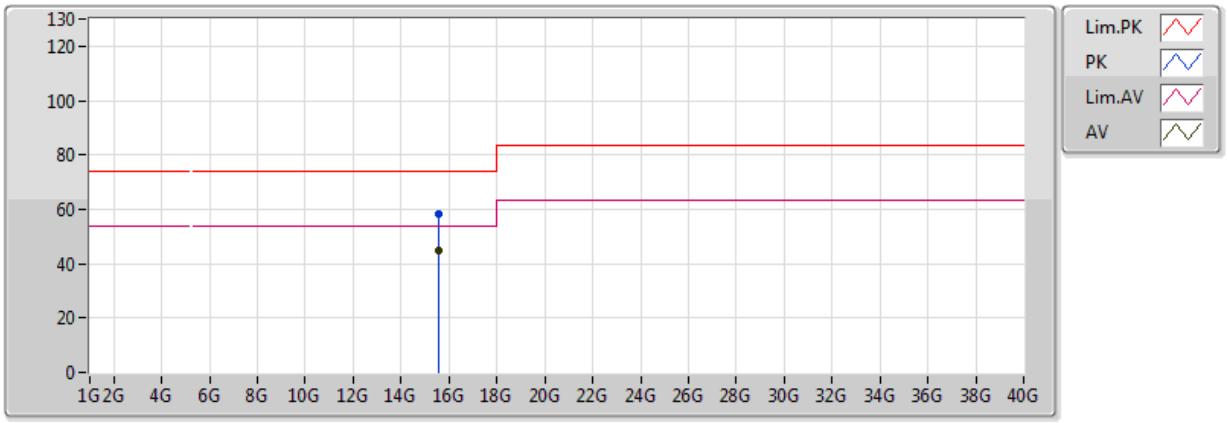


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57G	44.94	54.00	-9.06	13.98	3	Vertical	86	2.35	-	30.96	38.73	9.96	34.72
PK	15.57G	58.65	74.00	-15.35	13.98	3	Vertical	86	2.35	-	44.67	38.73	9.96	34.72

VHT40_Nss1_4TX

5190MHz_TX

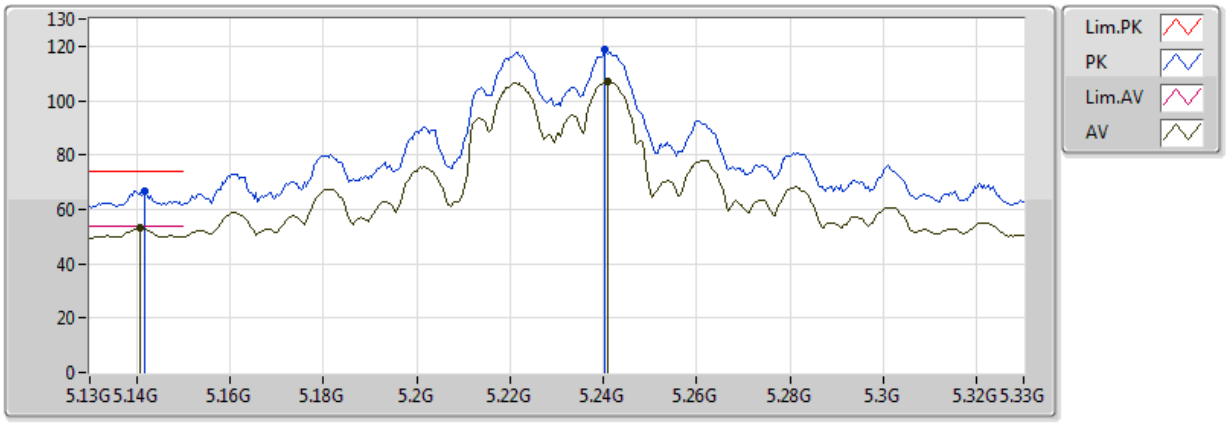


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57G	44.91	54.00	-9.09	13.98	3	Horizontal	58	1.32	-	30.93	38.73	9.96	34.72
PK	15.57G	58.43	74.00	-15.57	13.98	3	Horizontal	58	1.32	-	44.45	38.73	9.96	34.72

VHT40_Nss1_4TX

5230MHz_TX

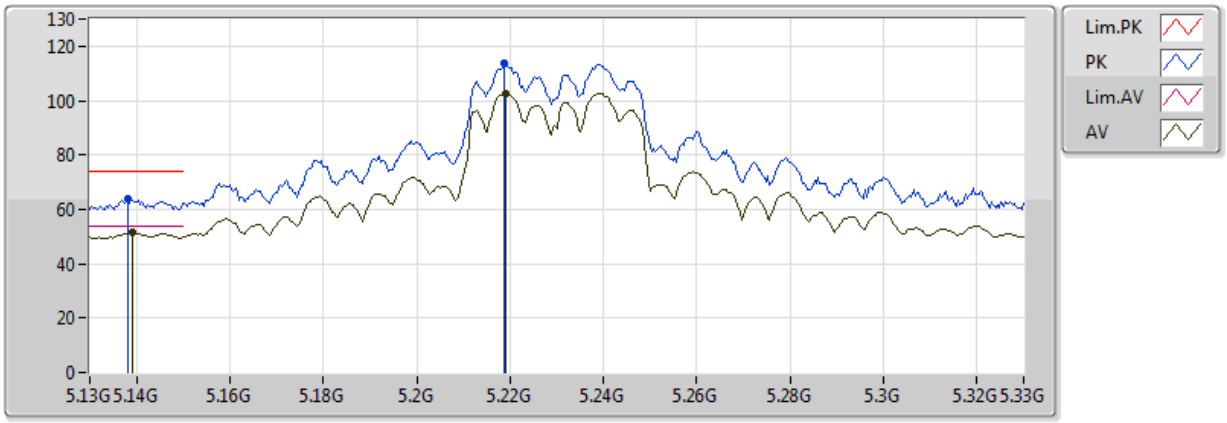


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2408G	106.94	Inf	-Inf	2.85	3	Vertical	327	2.44	-	104.10	31.70	5.63	34.48
AV	5.1408G	53.07	54.00	-0.93	2.79	3	Vertical	327	2.44	-	50.28	31.66	5.62	34.48
PK	5.2404G	118.62	Inf	-Inf	2.85	3	Vertical	327	2.44	-	115.78	31.70	5.63	34.48
PK	5.1416G	66.61	74.00	-7.39	2.79	3	Vertical	327	2.44	-	63.82	31.66	5.62	34.48

VHT40_Nss1_4TX

5230MHz_TX

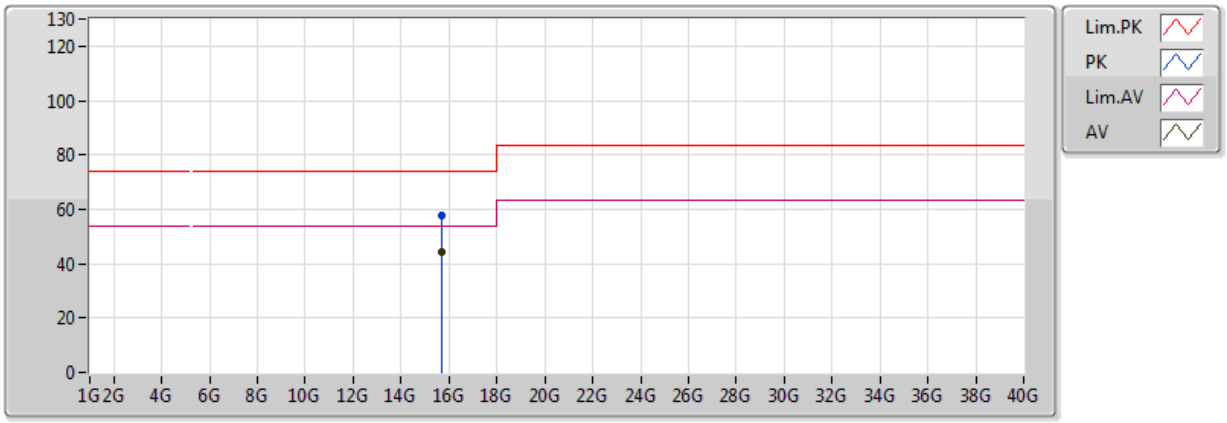


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2192G	102.78	Inf	-Inf	2.84	3	Horizontal	28	3.65	-	99.95	31.69	5.63	34.48
AV	5.1392G	51.47	54.00	-2.53	2.79	3	Horizontal	28	3.65	-	48.68	31.66	5.62	34.48
PK	5.2188G	113.54	Inf	-Inf	2.84	3	Horizontal	28	3.65	-	110.70	31.69	5.63	34.48
PK	5.138G	63.90	74.00	-10.10	2.79	3	Horizontal	28	3.65	-	61.11	31.66	5.62	34.48

VHT40_Nss1_4TX

5230MHz_TX

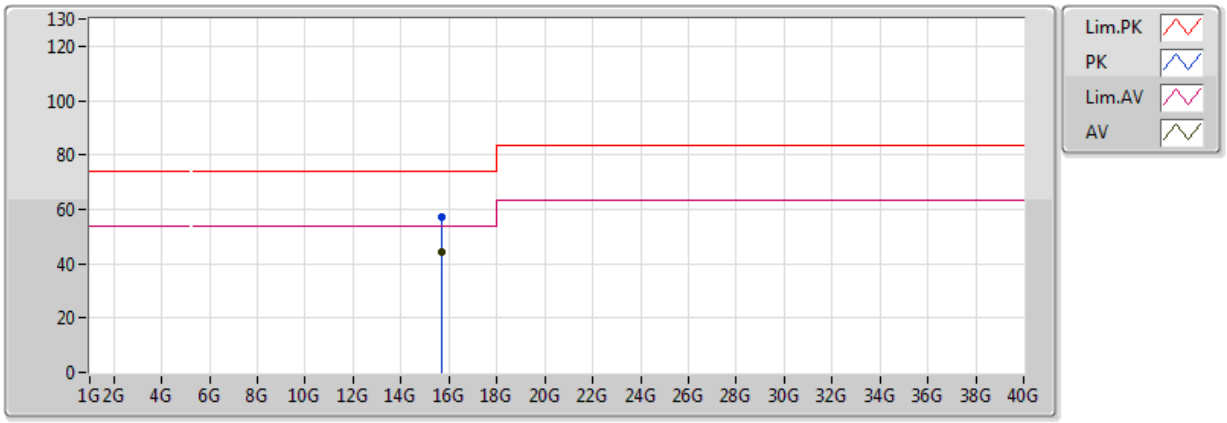


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.69G	44.16	54.00	-9.84	13.41	3	Vertical	159	1.23	-	30.75	38.28	9.99	34.86
PK	15.69G	57.64	74.00	-16.36	13.41	3	Vertical	159	1.23	-	44.23	38.28	9.99	34.86

VHT40_Nss1_4TX

5230MHz_TX

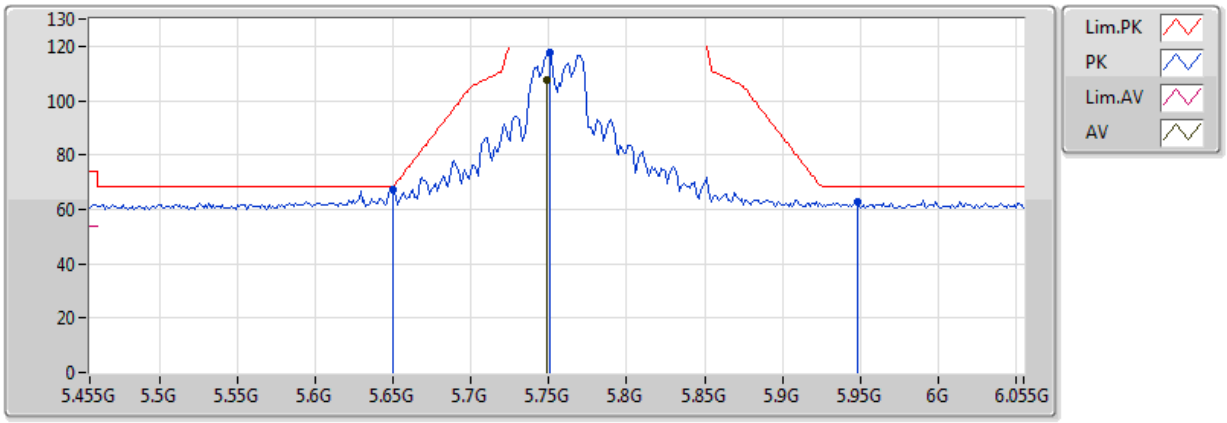


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.69G	44.12	54.00	-9.88	13.41	3	Horizontal	182	1.05	-	30.71	38.28	9.99	34.86
PK	15.69G	57.08	74.00	-16.92	13.41	3	Horizontal	182	1.05	-	43.67	38.28	9.99	34.86

VHT40_Nss1_4TX

5755MHz_TX

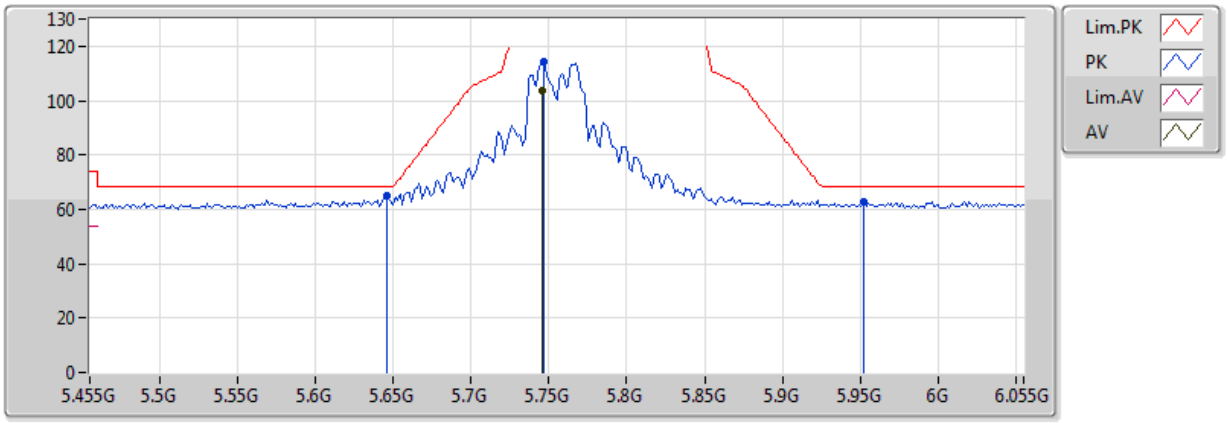


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.749G	107.36	Inf	-Inf	3.50	3	Vertical	331	2.60	-	103.86	32.20	5.85	34.55
PK	5.6494G	67.51	68.20	-0.69	3.29	3	Vertical	331	2.60	-	64.22	32.04	5.77	34.52
PK	5.7502G	117.85	Inf	-Inf	3.50	3	Vertical	331	2.60	-	114.35	32.20	5.85	34.55
PK	5.9482G	62.86	68.20	-5.34	3.91	3	Vertical	331	2.60	-	58.95	32.52	5.99	34.60

VHT40_Nss1_4TX

5755MHz_TX

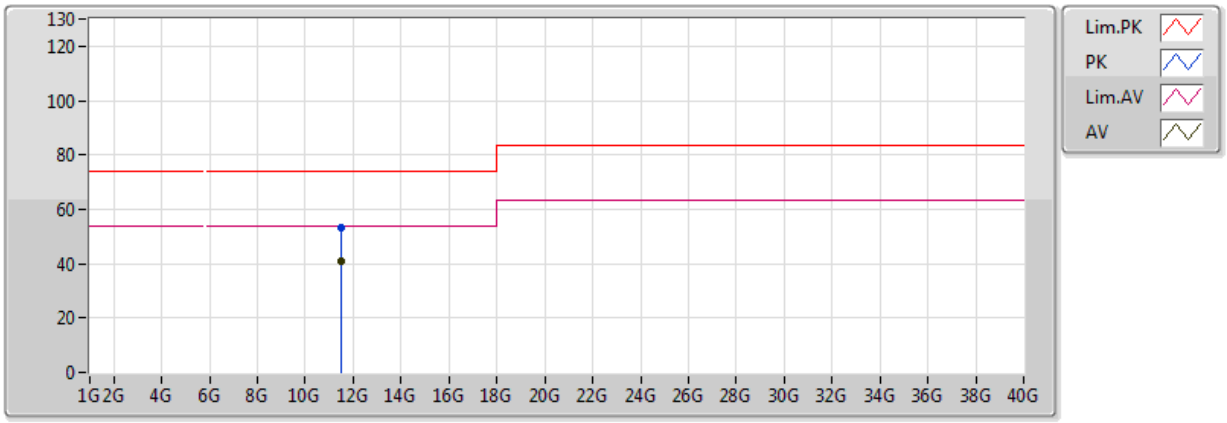


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7454G	103.78	Inf	-Inf	3.49	3	Horizontal	22	2.57	-	100.29	32.19	5.85	34.55
PK	5.7466G	114.08	Inf	-Inf	3.49	3	Horizontal	22	2.57	-	110.59	32.19	5.85	34.55
PK	5.6458G	64.81	68.20	-3.39	3.28	3	Horizontal	22	2.57	-	61.53	32.03	5.77	34.52
PK	5.9518G	62.81	68.20	-5.39	3.92	3	Horizontal	22	2.57	-	58.89	32.52	6.00	34.60

VHT40_Nss1_4TX

5755MHz_TX

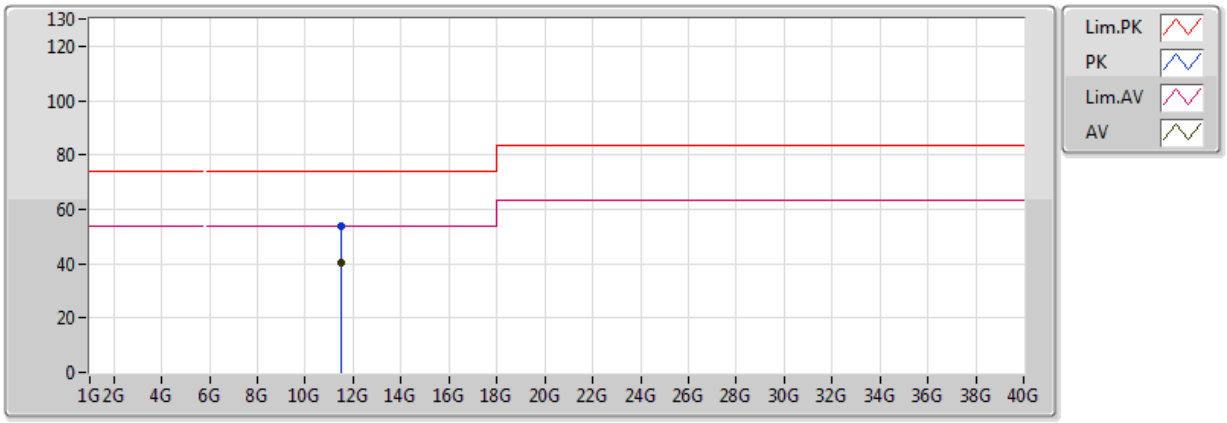


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51G	40.68	54.00	-13.32	13.38	3	Vertical	158	2.91	-	27.30	39.69	8.36	34.66
PK	11.51G	53.49	74.00	-20.51	13.38	3	Vertical	158	2.91	-	40.11	39.69	8.36	34.66

VHT40_Nss1_4TX

5755MHz_TX

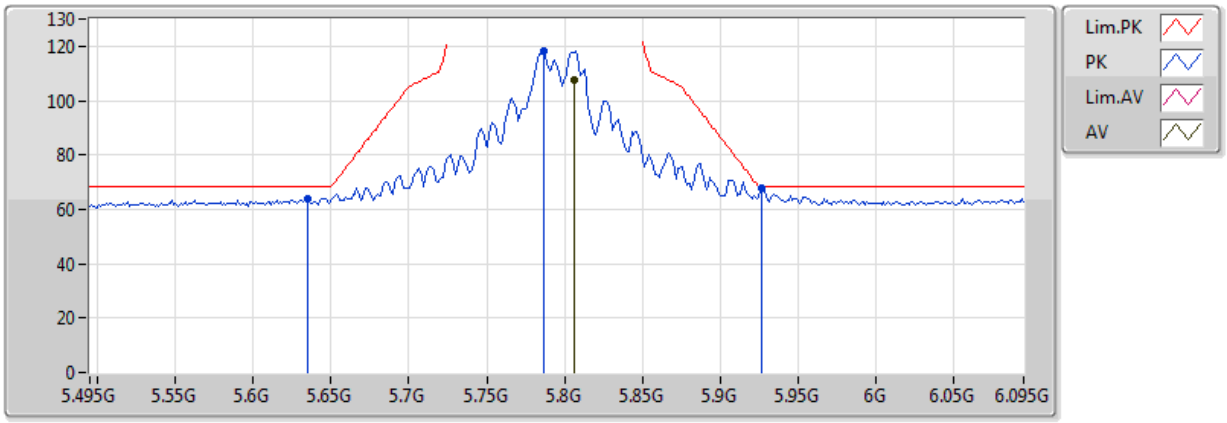


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51G	40.32	54.00	-13.68	13.38	3	Horizontal	288	3.63	-	26.94	39.69	8.36	34.66
PK	11.51G	53.61	74.00	-20.39	13.38	3	Horizontal	288	3.63	-	40.23	39.69	8.36	34.66

VHT40_Nss1_4TX

5795MHz_TX

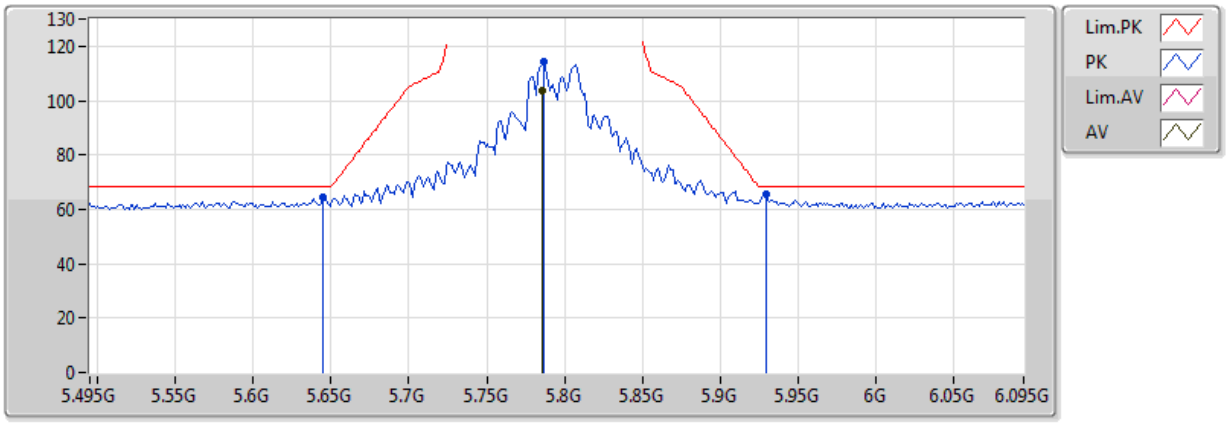


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8058G	107.36	Inf	-Inf	3.62	3	Vertical	296	2.29	-	103.74	32.29	5.89	34.56
PK	5.6354G	64.08	68.20	-4.12	3.26	3	Vertical	296	2.29	-	60.82	32.02	5.76	34.52
PK	5.7866G	118.49	Inf	-Inf	3.58	3	Vertical	296	2.29	-	114.91	32.26	5.88	34.56
PK	5.927G	67.53	68.20	-0.67	3.87	3	Vertical	296	2.29	-	63.66	32.48	5.98	34.60

VHT40_Nss1_4TX

5795MHz_TX

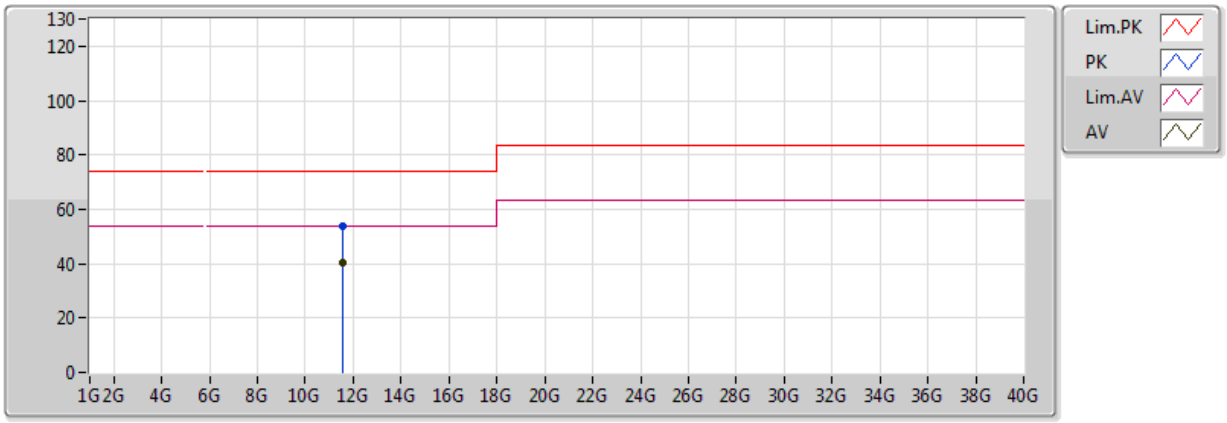


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7854G	103.68	Inf	-Inf	3.58	3	Horizontal	20	2.71	-	100.10	32.26	5.88	34.56
PK	5.645G	64.51	68.20	-3.69	3.28	3	Horizontal	20	2.71	-	61.23	32.03	5.77	34.52
PK	5.7866G	114.52	Inf	-Inf	3.58	3	Horizontal	20	2.71	-	110.94	32.26	5.88	34.56
PK	5.9294G	65.42	68.20	-2.78	3.87	3	Horizontal	20	2.71	-	61.55	32.49	5.98	34.60

VHT40_Nss1_4TX

5795MHz_TX

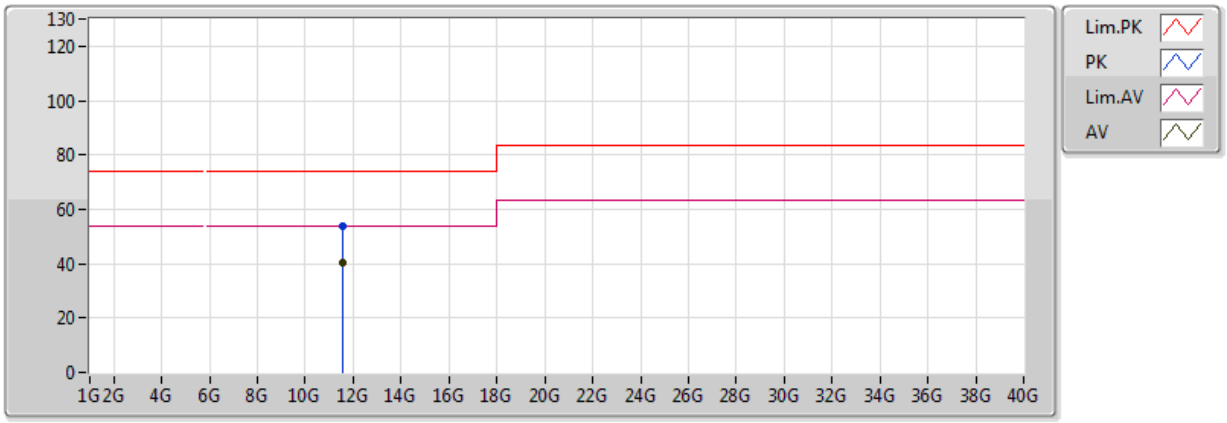


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59G	40.18	54.00	-13.82	13.27	3	Vertical	336	1.97	-	26.91	39.57	8.38	34.68
PK	11.59G	53.84	74.00	-20.16	13.27	3	Vertical	336	1.97	-	40.57	39.57	8.38	34.68

VHT40_Nss1_4TX

5795MHz_TX

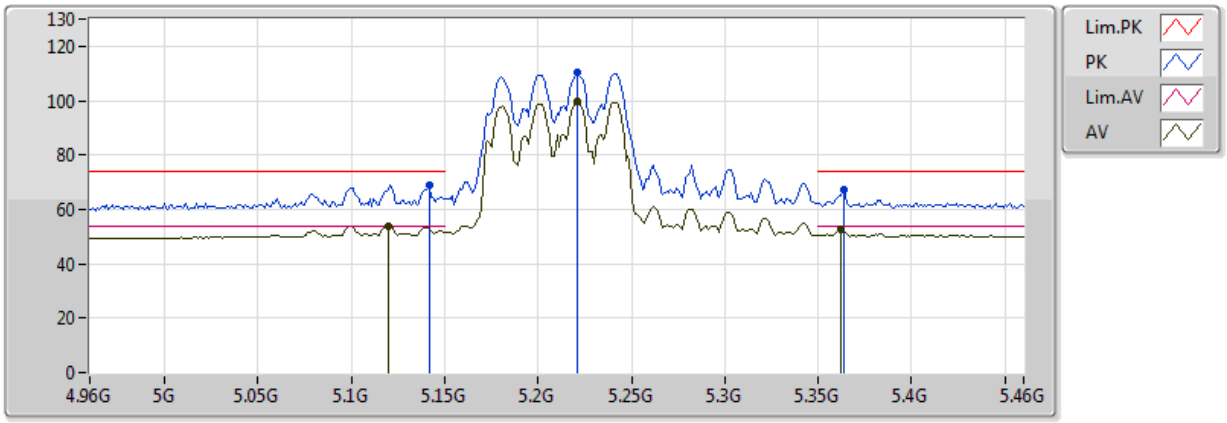


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59G	40.15	54.00	-13.85	13.27	3	Horizontal	319	1.52	-	26.88	39.57	8.38	34.68
PK	11.59G	53.56	74.00	-20.44	13.27	3	Horizontal	319	1.52	-	40.29	39.57	8.38	34.68

VHT80_Nss1_4TX

5210MHz_TX

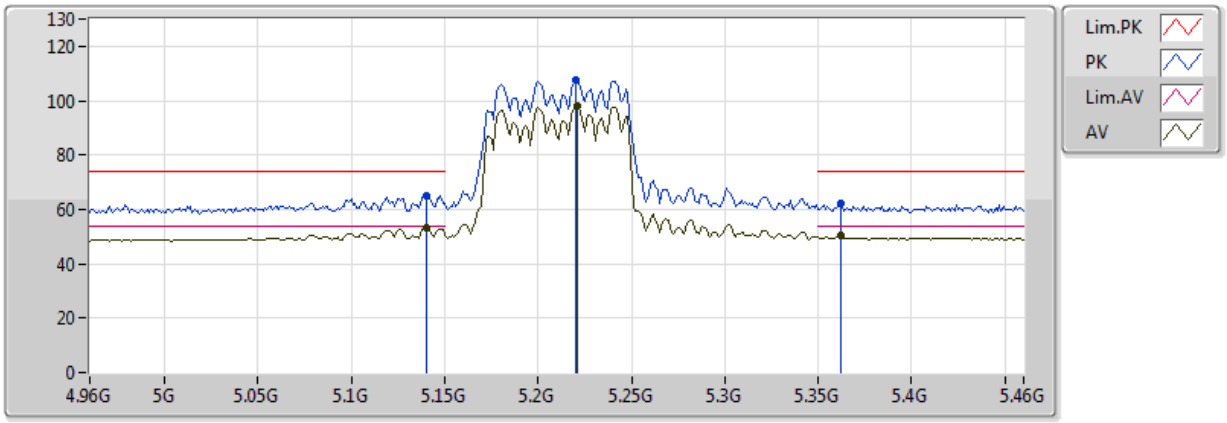


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.221G	99.61	Inf	-Inf	2.84	3	Vertical	325	2.46	-	96.77	31.69	5.63	34.48
AV	5.12G	53.81	54.00	-0.19	2.78	3	Vertical	325	2.46	-	51.02	31.65	5.61	34.48
AV	5.362G	52.46	54.00	-1.54	2.91	3	Vertical	325	2.46	-	49.55	31.74	5.65	34.49
PK	5.221G	110.48	Inf	-Inf	2.84	3	Vertical	325	2.46	-	107.64	31.69	5.63	34.48
PK	5.142G	68.97	74.00	-5.03	2.80	3	Vertical	325	2.46	-	66.18	31.66	5.62	34.48
PK	5.364G	67.07	74.00	-6.93	2.91	3	Vertical	325	2.46	-	64.16	31.75	5.65	34.49

VHT80_Nss1_4TX

5210MHz_TX

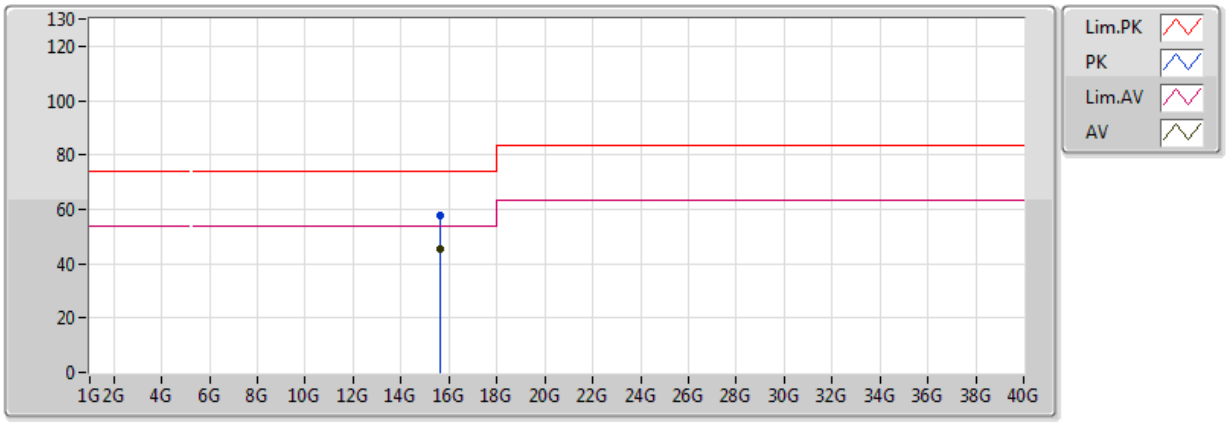


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.14G	53.26	54.00	-0.74	2.79	3	Horizontal	22	3.63	-	50.47	31.66	5.62	34.48
AV	5.221G	98.12	Inf	-Inf	2.84	3	Horizontal	22	3.63	-	95.28	31.69	5.63	34.48
AV	5.362G	50.18	54.00	-3.82	2.91	3	Horizontal	22	3.63	-	47.28	31.74	5.65	34.49
PK	5.14G	64.83	74.00	-9.17	2.79	3	Horizontal	22	3.63	-	62.04	31.66	5.62	34.48
PK	5.22G	107.49	Inf	-Inf	2.84	3	Horizontal	22	3.63	-	104.65	31.69	5.63	34.48
PK	5.362G	61.93	74.00	-12.07	2.91	3	Horizontal	22	3.63	-	59.02	31.74	5.65	34.49

VHT80_Nss1_4TX

5210MHz_TX

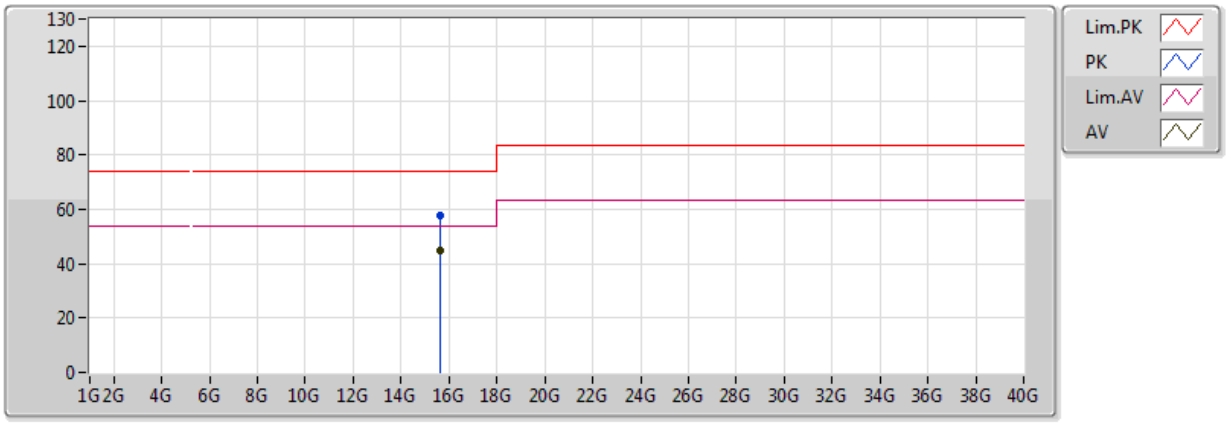


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.63G	45.16	54.00	-8.84	13.69	3	Vertical	280	1.81	-	31.47	38.51	9.98	34.79
PK	15.63G	57.80	74.00	-16.20	13.69	3	Vertical	280	1.81	-	44.11	38.51	9.98	34.79

VHT80_Nss1_4TX

5210MHz_TX

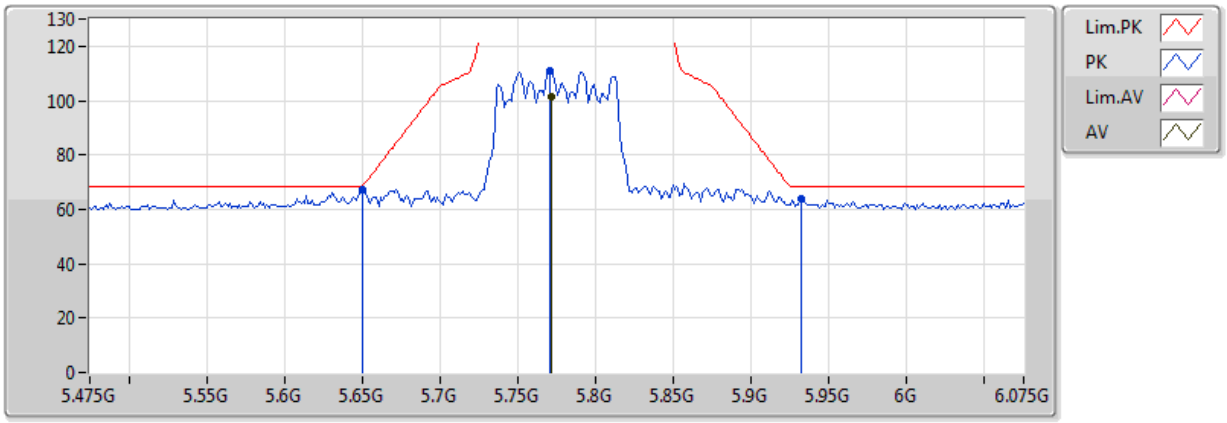


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.63G	45.10	54.00	-8.90	13.69	3	Horizontal	352	1.02	-	31.41	38.51	9.98	34.79
PK	15.63G	57.95	74.00	-16.05	13.69	3	Horizontal	352	1.02	-	44.26	38.51	9.98	34.79

VHT80_Nss1_4TX

5775MHz_TX

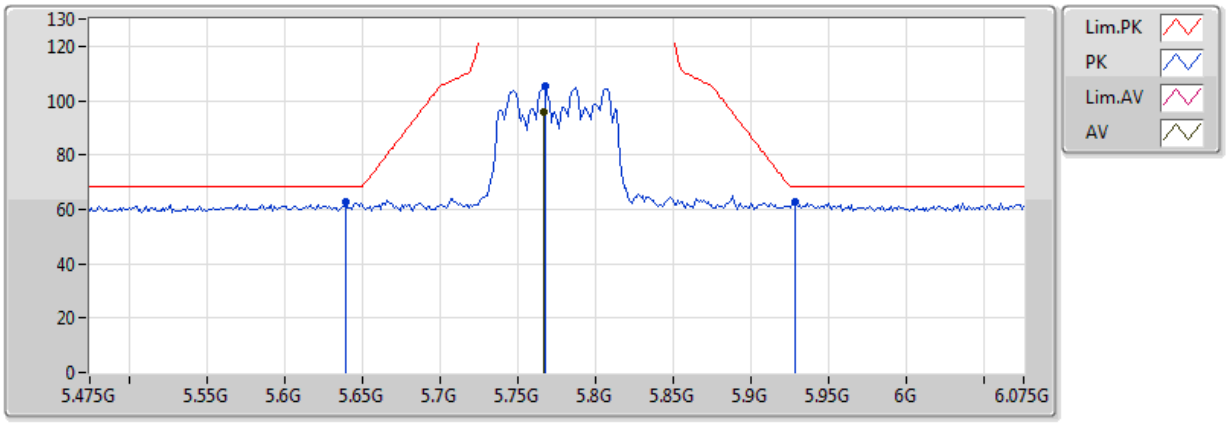


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7714G	101.58	Inf	-Inf	3.55	3	Vertical	208	3.66	-	98.04	32.23	5.87	34.55
PK	5.6502G	67.41	68.35	-0.93	3.29	3	Vertical	208	3.66	-	64.12	32.04	5.78	34.53
PK	5.7702G	111.09	Inf	-Inf	3.54	3	Vertical	208	3.66	-	107.54	32.23	5.87	34.55
PK	5.9322G	64.13	68.20	-4.07	3.88	3	Vertical	208	3.66	-	60.25	32.49	5.98	34.60

VHT80_Nss1_4TX

5775MHz_TX

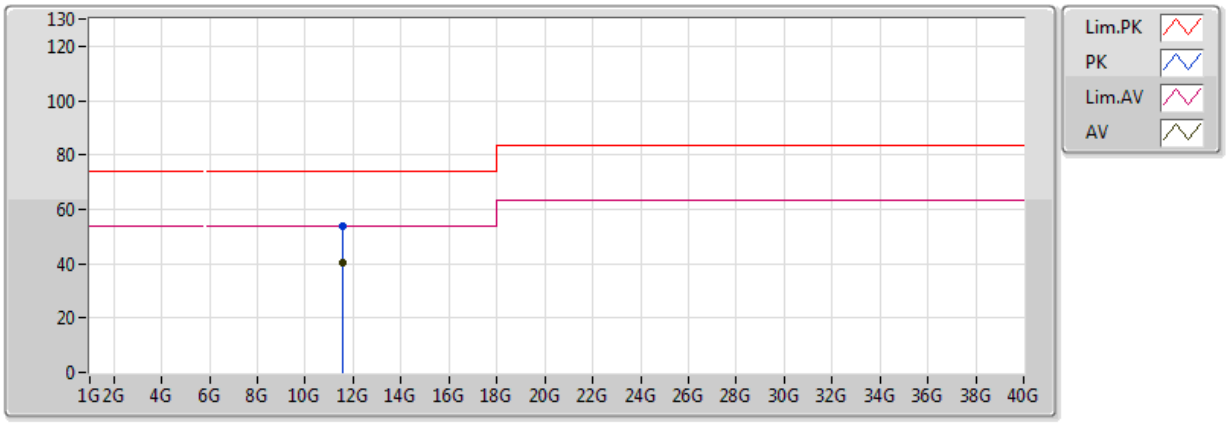


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7666G	96.04	Inf	-Inf	3.54	3	Horizontal	24	3.56	-	92.51	32.23	5.86	34.55
PK	5.6394G	62.48	68.20	-5.72	3.27	3	Horizontal	24	3.56	-	59.21	32.02	5.77	34.52
PK	5.7678G	105.39	Inf	-Inf	3.54	3	Horizontal	24	3.56	-	101.85	32.23	5.86	34.55
PK	5.9286G	62.78	68.20	-5.42	3.87	3	Horizontal	24	3.56	-	58.91	32.49	5.98	34.60

VHT80_Nss1_4TX

5775MHz_TX

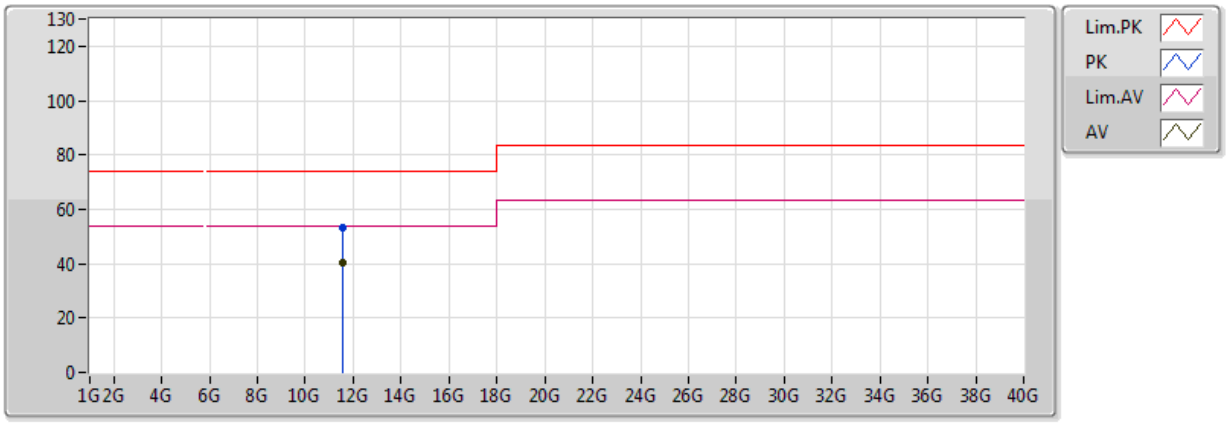


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	40.46	54.00	-13.54	13.33	3	Vertical	161	1.23	-	27.13	39.63	8.37	34.67
PK	11.55G	53.69	74.00	-20.31	13.33	3	Vertical	161	1.23	-	40.36	39.63	8.37	34.67

VHT80_Nss1_4TX

5775MHz_TX

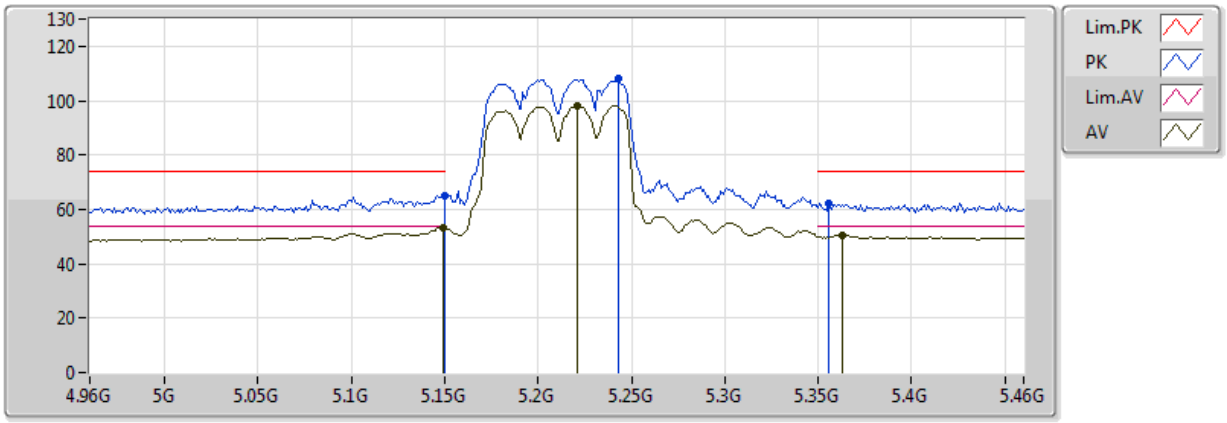


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	40.47	54.00	-13.53	13.33	3	Horizontal	34	2.47	-	27.14	39.63	8.37	34.67
PK	11.55G	53.37	74.00	-20.63	13.33	3	Horizontal	34	2.47	-	40.04	39.63	8.37	34.67

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

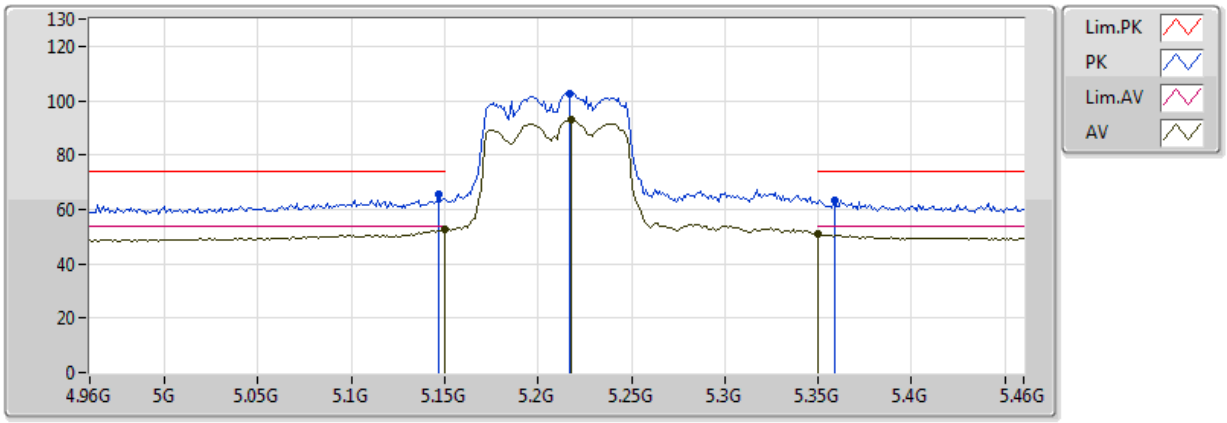


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149G	53.31	54.00	-0.69	2.80	3	Vertical	318	2.77	-	50.51	31.66	5.62	34.48
AV	5.221G	97.98	Inf	-Inf	2.84	3	Vertical	318	2.77	-	95.14	31.69	5.63	34.48
AV	5.363G	50.61	54.00	-3.39	2.91	3	Vertical	318	2.77	-	47.71	31.75	5.65	34.49
PK	5.149995G	64.79	74.00	-9.21	2.80	3	Vertical	318	2.77	-	61.99	31.66	5.62	34.48
PK	5.243G	108.17	Inf	-Inf	2.85	3	Vertical	318	2.77	-	105.32	31.70	5.63	34.48
PK	5.356G	62.13	74.00	-11.87	2.90	3	Vertical	318	2.77	-	59.23	31.74	5.65	34.49

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

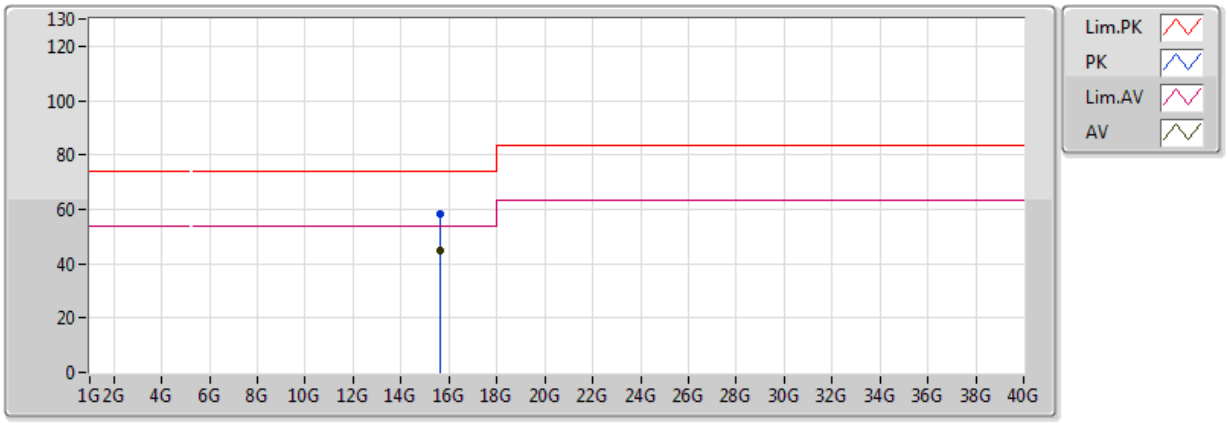


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149995G	52.45	54.00	-1.55	2.80	3	Horizontal	198	2.55	-	49.65	31.66	5.62	34.48
AV	5.218G	92.80	Inf	-Inf	2.84	3	Horizontal	198	2.55	-	89.96	31.69	5.63	34.48
AV	5.350005G	50.89	54.00	-3.11	2.90	3	Horizontal	198	2.55	-	47.99	31.74	5.65	34.49
PK	5.147G	65.30	74.00	-8.70	2.80	3	Horizontal	198	2.55	-	62.50	31.66	5.62	34.48
PK	5.217G	102.53	Inf	-Inf	2.84	3	Horizontal	198	2.55	-	99.69	31.69	5.63	34.48
PK	5.359G	63.27	74.00	-10.73	2.91	3	Horizontal	198	2.55	-	60.36	31.74	5.65	34.49

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

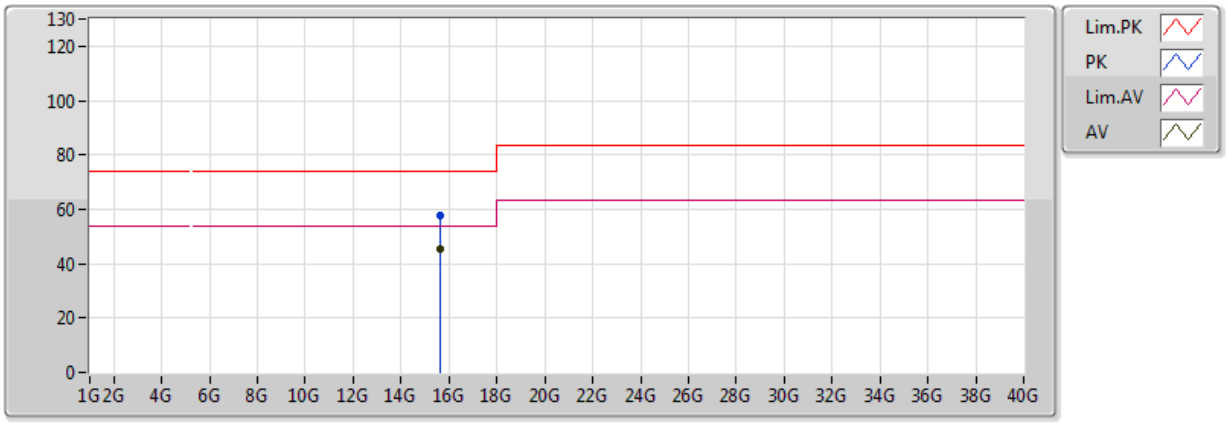


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.63G	45.03	54.00	-8.97	13.69	3	Vertical	310	2.35	-	31.34	38.51	9.98	34.79
PK	15.63G	58.00	74.00	-16.00	13.69	3	Vertical	310	2.35	-	44.31	38.51	9.98	34.79

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

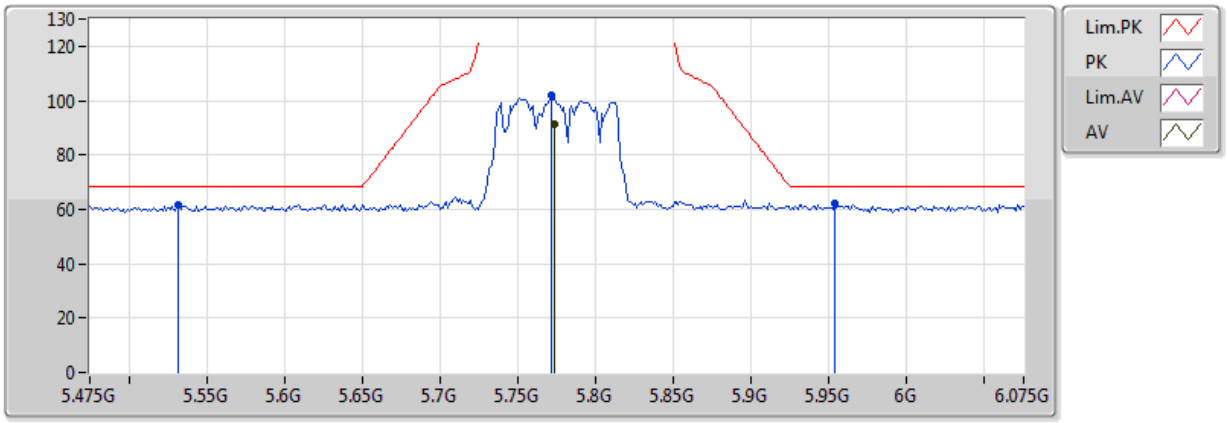


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.63G	45.18	54.00	-8.82	13.69	3	Horizontal	140	1.20	-	31.49	38.51	9.98	34.79
PK	15.63G	57.54	74.00	-16.46	13.69	3	Horizontal	140	1.20	-	43.85	38.51	9.98	34.79

VHT80+80_Nss1_2TX

5210MHz,#5775MHz_TX

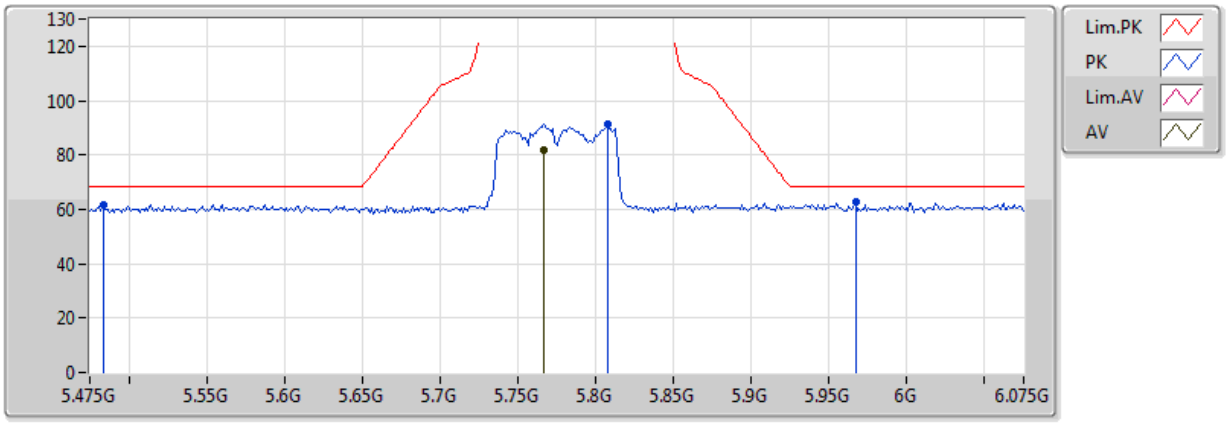


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7738G	91.44	Inf	-Inf	3.55	3	Vertical	318	2.77	-	87.89	32.24	5.87	34.55
PK	5.5314G	61.77	68.20	-6.43	3.05	3	Vertical	318	2.77	-	58.73	31.85	5.69	34.50
PK	5.7714G	102.05	Inf	-Inf	3.55	3	Vertical	318	2.77	-	98.51	32.23	5.87	34.55
PK	5.9538G	62.13	68.20	-6.07	3.92	3	Vertical	318	2.77	-	58.21	32.53	6.00	34.60

VHT80+80_Nss1_2TX

5210MHz,#5775MHz_TX

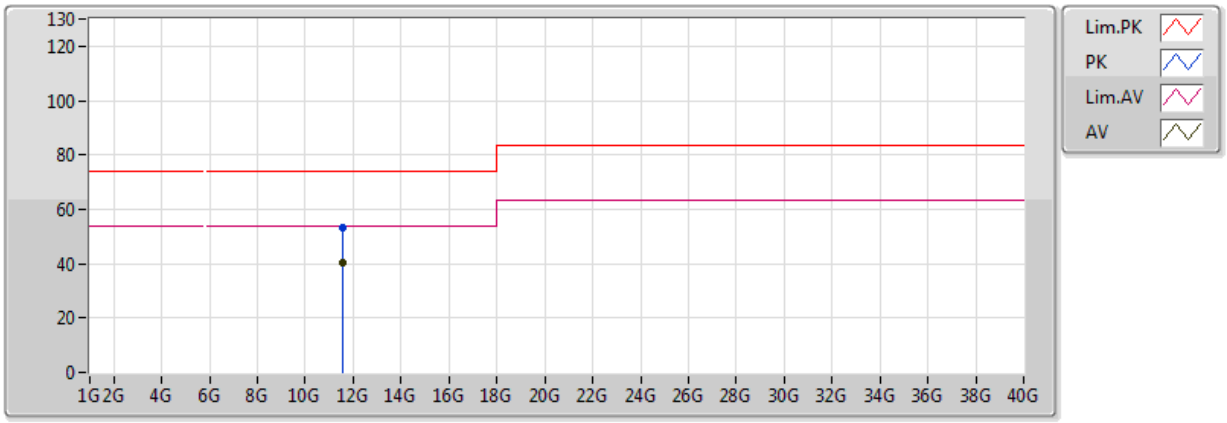


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7666G	81.59	Inf	-Inf	3.54	3	Horizontal	198	2.55	-	78.05	32.23	5.86	34.55
PK	5.4834G	61.85	68.20	-6.35	2.97	3	Horizontal	198	2.55	-	58.88	31.79	5.67	34.49
PK	5.8074G	91.56	Inf	-Inf	3.62	3	Horizontal	198	2.55	-	87.93	32.29	5.90	34.56
PK	5.967G	62.72	68.20	-5.48	3.95	3	Horizontal	198	2.55	-	58.77	32.55	6.01	34.60

VHT80+80_Nss1_2TX

5210MHz,#5775MHz_TX

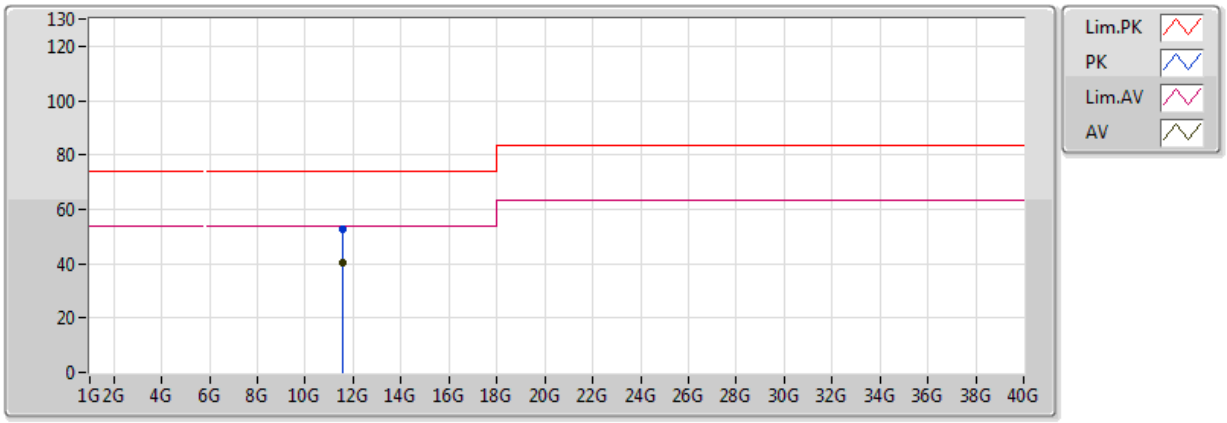


EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	40.24	54.00	-13.76	13.33	3	Vertical	91	2.29	-	26.91	39.63	8.37	34.67
PK	11.55G	53.27	74.00	-20.73	13.33	3	Vertical	91	2.29	-	39.94	39.63	8.37	34.67

VHT80+80_Nss1_2TX

5210MHz,#5775MHz_TX



EUT = Z

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	40.18	54.00	-13.82	13.33	3	Horizontal	79	2.08	-	26.85	39.63	8.37	34.67
PK	11.55G	52.93	74.00	-21.07	13.33	3	Horizontal	79	2.08	-	39.60	39.63	8.37	34.67

Summary

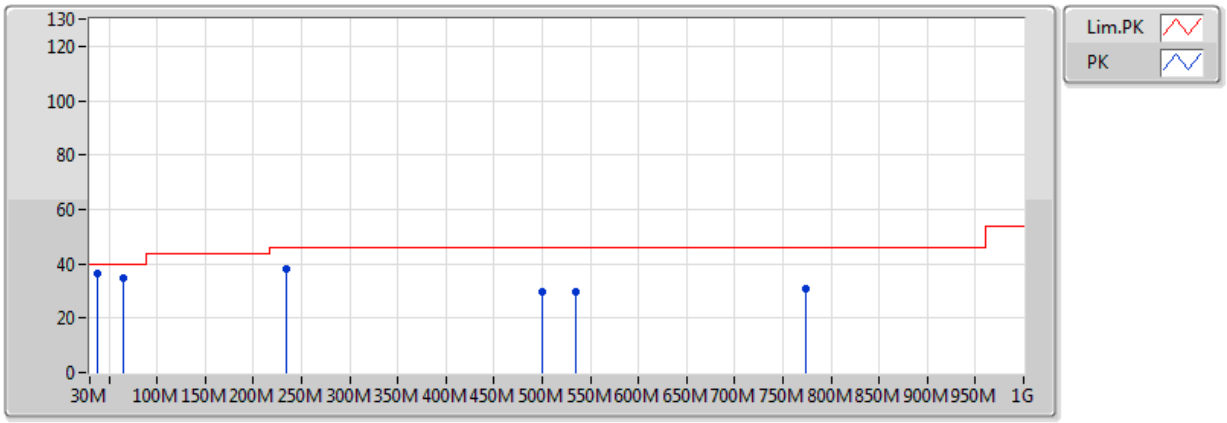
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	PK	37.76M	36.28	40.00	-3.72	-16.91	3	Vertical	360	3.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80+80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
#5210MHz,5775MHz	Pass	PK	33.88M	35.06	40.00	-4.94	-15.40	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	62.98M	35.58	40.00	-4.42	-24.90	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	169.68M	29.76	43.50	-13.74	-19.71	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	359.8M	35.00	46.00	-11.00	-13.78	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	419.94M	32.87	46.00	-13.13	-11.67	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	773.02M	30.57	46.00	-15.43	-5.85	3	Horizontal	360	3.00	-
#5210MHz,5775MHz	Pass	PK	37.76M	36.28	40.00	-3.72	-16.91	3	Vertical	360	3.00	-
#5210MHz,5775MHz	Pass	PK	64.92M	34.81	40.00	-5.19	-24.82	3	Vertical	360	3.00	-
#5210MHz,5775MHz	Pass	PK	233.7M	37.92	46.00	-8.08	-18.42	3	Vertical	360	3.00	-
#5210MHz,5775MHz	Pass	PK	499.48M	29.65	46.00	-16.35	-10.16	3	Vertical	360	3.00	-
#5210MHz,5775MHz	Pass	PK	534.4M	29.74	46.00	-16.26	-9.78	3	Vertical	360	3.00	-
#5210MHz,5775MHz	Pass	PK	773.02M	30.98	46.00	-15.02	-5.85	3	Vertical	360	3.00	-

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX

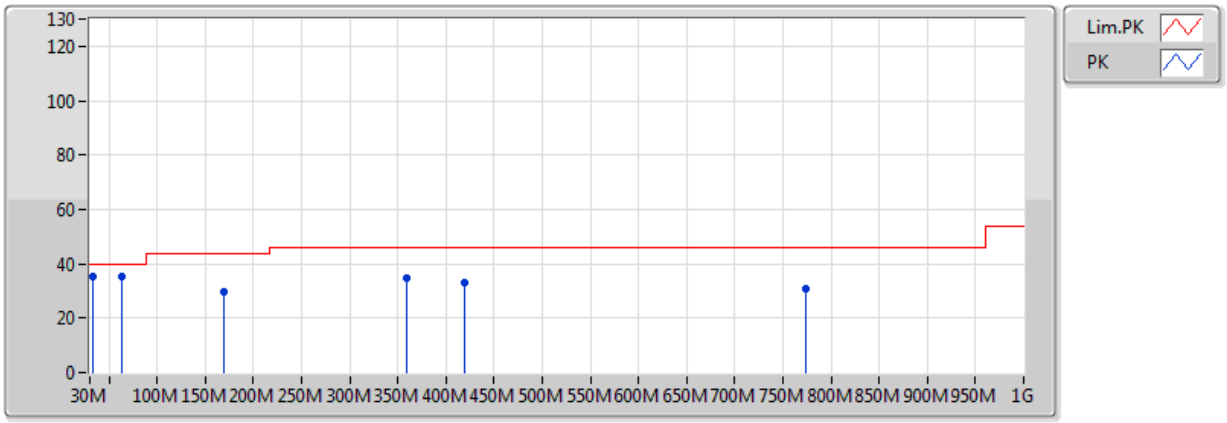


EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	37.76M	36.28	40.00	-3.72	-16.91	3	Vertical	360	3.00	-	53.19	19.32	1.03	37.26
PK	64.92M	34.81	40.00	-5.19	-24.82	3	Vertical	360	3.00	-	59.63	10.93	1.30	37.05
PK	233.7M	37.92	46.00	-8.08	-18.42	3	Vertical	360	3.00	-	56.34	15.50	2.48	36.40
PK	499.48M	29.65	46.00	-16.35	-10.16	3	Vertical	360	3.00	-	39.81	22.82	3.94	36.92
PK	534.4M	29.74	46.00	-16.26	-9.78	3	Vertical	360	3.00	-	39.52	23.22	4.02	37.01
PK	773.02M	30.98	46.00	-15.02	-5.85	3	Vertical	360	3.00	-	36.83	26.88	4.71	37.44

VHT80+80_Nss1_2TX

#5210MHz,5775MHz_TX



EUT = Y

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	33.88M	35.06	40.00	-4.94	-15.40	3	Horizontal	360	3.00	-	50.46	20.91	0.99	37.30
PK	62.98M	35.58	40.00	-4.42	-24.90	3	Horizontal	360	3.00	-	60.48	10.88	1.28	37.06
PK	169.68M	29.76	43.50	-13.74	-19.71	3	Horizontal	360	3.00	-	49.47	14.66	2.14	36.51
PK	359.8M	35.00	46.00	-11.00	-13.78	3	Horizontal	360	3.00	-	48.78	19.61	3.15	36.54
PK	419.94M	32.87	46.00	-13.13	-11.67	3	Horizontal	360	3.00	-	44.54	21.60	3.40	36.67
PK	773.02M	30.57	46.00	-15.43	-5.85	3	Horizontal	360	3.00	-	36.42	26.88	4.71	37.44