FCC Test Report

Equipment	:	**AC1900 Wi-Fi Router**
Brand Name	:	**Amped Wireless**
Model No.	:	**B1900RT**
FCC ID	:	**ZTT-B1900RT**
Standard	:	**47 CFR FCC Part 15.407**
Operating Band	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
Applicant / Manufacturer	:	**AMPED WIRELESS** **13089 Peyton Dr. #C307, Chino Hills, CA 91709,USA**
Function	:	**☐ Outdoor; ☒ Indoor; ☐ Fixed P2P** **☐ Client**
TPC Function	:	**w/o TPC**

The product sample received on Apr. 27, 2017 and completely tested on Jul. 05, 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

Table of Contents

Summary of Test Result

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

Revision History

Report No.	Version	Description	Issued Date
FR742738AN	Rev. 01	Initial issue of report	Aug. 02, 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]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	11a	20	1TX(Port 1)
5.725-5.85GHz	11a	20	1TX(Port 1)
5.15-5.25GHz	n (HT20)	20	3TX
5.725-5.85GHz	n (HT20)	20	3TX
5.15-5.25GHz	n (HT40)	20	3TX
5.725-5.85GHz	n (HT40)	20	3TX
5.15-5.25GHz	VHT20	20	3TX
5.725-5.85GHz	VHT20	20	3TX
5.15-5.25GHz	VHT40	40	3TX
5.725-5.85GHz	VHT40	40	3TX
5.15-5.25GHz	VHT80	80	3TX
5.725-5.85GHz	VHT80	80	3TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
0	0	LYNwave	-	PIFA Antenna	I-PEX	2.10
1	1	Cortec	AN2450-50F26GBX	Dipole Antenna	I-PEX	3.20
2	2	Cortec	AN2450-50F27GGX	Dipole Antenna	I-PEX	2.80
3	3	Cortec	AN2450-50F26GBX	Dipole Antenna	I-PEX	3.20

Note :

1. IEEE 802.11a only includes 1T/1R and Port 1 for emission.
2. IEEE 802.11n/ac supports 3T/4R and CDD function.

1.1.3 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:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
11a	0.996	0.017	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20	0.992	0.035	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.973	0.119	20.001m	100
VHT80	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)

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
- ANSI C63.4-2014
- 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	21.4°C / 65%	05/Jul/2017
Radiated (Below 1GHz)	03CH01-HY	Terry	23.2°C / 56%	05/Jul/2017
Radiated (Above 1GHz)	03CH09-HY	Terry	22.1°C / 58%	03/Jul/2017
AC Conduction	CO04-HY	Teddy	21°C / 57%	05/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

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

2.2 Test Channel Mode

Test Software Version	RTL819 x 3.4 -2016/01/15

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	38
5200MHz	51
5240MHz	39
5745MHz	63
5785MHz	63
5825MHz	63
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5180MHz	32,41,37
5200MHz	40,50,47
5240MHz	43,56,55
5745MHz	63,63,63
5785MHz	63,63,63
5825MHz	63,63,63
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5190MHz	28,38,36
5230MHz	42,54,54
5755MHz	62,63,63
5795MHz	63,63,63
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5210MHz	29,39,37
5775MHz	52,56,58

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	Router mode , WIFI 2.4G & 5G Link + Adapter, WAN 1Gbps,Lan 1Gbps (Y axis)

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	2.4GHz+5GHz
Refer to Sporton Test Report No.: FA742738 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Accessories

Accessories				
AC Adapter 1 (US Plug)	Brand Name	APD	Model Name	WA-24Q12FU
	Power Rating	I/P: 100 - 240Vac, 50-60 Hz, 0.7 A, O/P: 12 Vdc, 2 A		
	Power Cord	1.5 meter, non-shielded cable, w/o ferrite core		
Stand	Brand Name	-	Model Name	-

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

2.5 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC Source	-	-	-

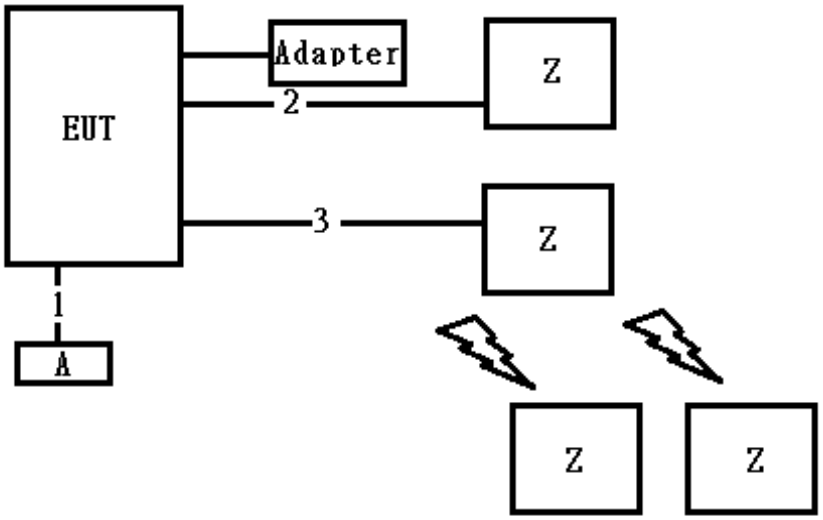
Support Equipment – Radiated Emission Below 1G				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DoC
2	Notebook	DELL	E5540	DoC
3	Load	-	-	-

Support Equipment – Radiated Emission Above 1G				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook (Remote)	DELL	E5530	DoC

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NoteBook 1(WAN Port) (Remote)	DELL	Latitude E5430	DoC
2	NoteBook 2(LAN Port) (Remote)	DELL	Latitude E5430	DoC
3	NoteBook *2 (Remote)	DELL	P55G	DoC
4	Load	-	-	-

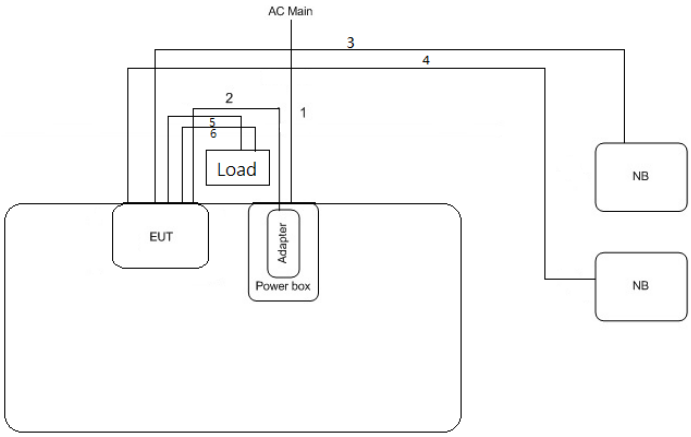
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



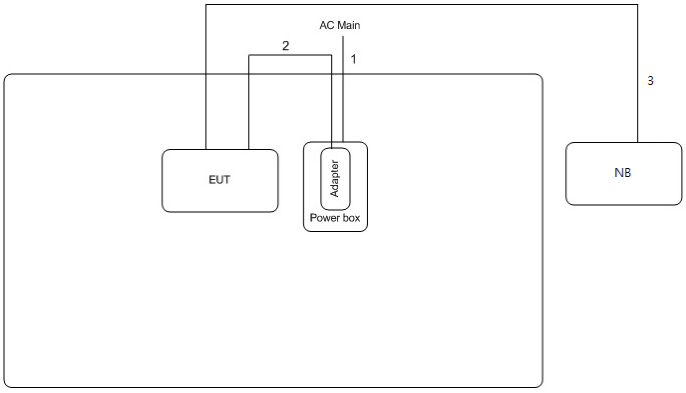
Item	Connection	Shielded	Length	Remark
1	DC Power line	No	1.5m	-
2	AC Power line	No	-	-
3	AC Power line	No	-	-
A	Dummy Load	No	1m	-
Z	NoteBook 1(WAN Port)	No	10m	-
Z	NoteBook 2(LAN Port)	No	10m	-
Z	NoteBook *2	-	-	-

Test Setup Diagram - Radiated Test Below 1GHz



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8m	-
2	DC Power cable	No	1.5m	-
3	RJ45 cable	No	10m	-
4	RJ45 cable	No	10m	-
5	RJ45 cable	No	0.8m	-
6	RJ45 cable	No	0.8m	-

Test Setup Diagram - Radiated Test Above 1GHz



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8m	-
2	DC Power cable	No	1.5m	-
3	RJ45 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

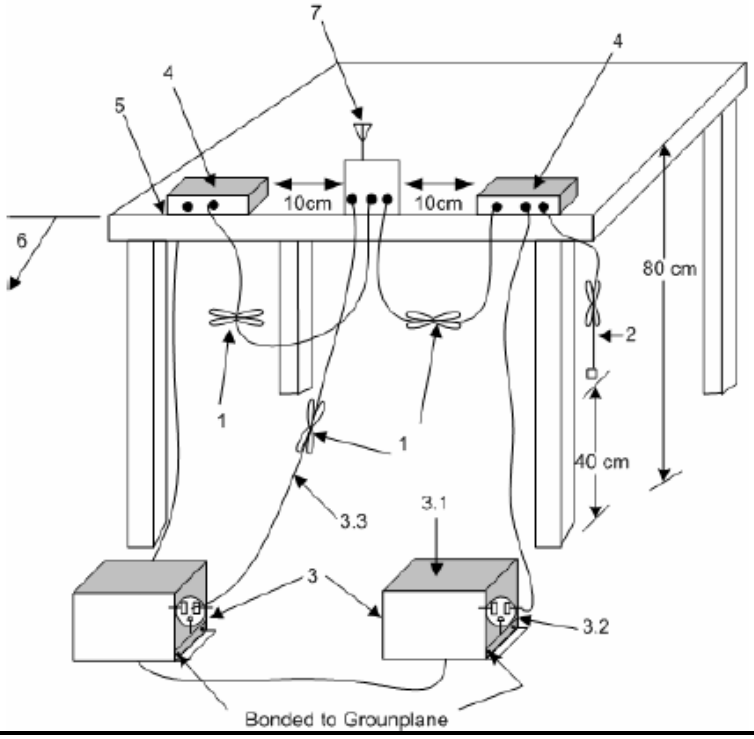
Refer a test equipment and calibration data table in this test report.

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.

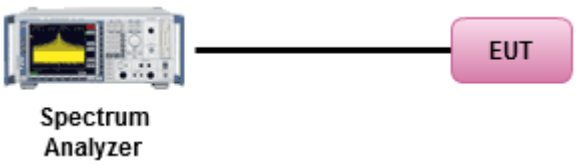
3.2.2 Measuring Instruments

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.	

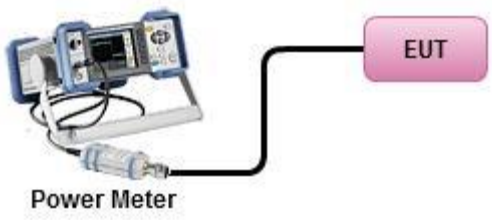
3.3.2 Measuring Instruments

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.

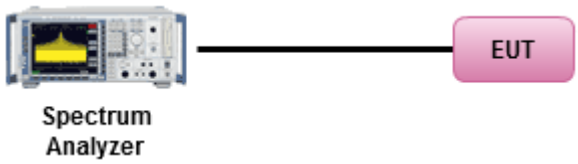
3.4.2 Measuring Instruments

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).

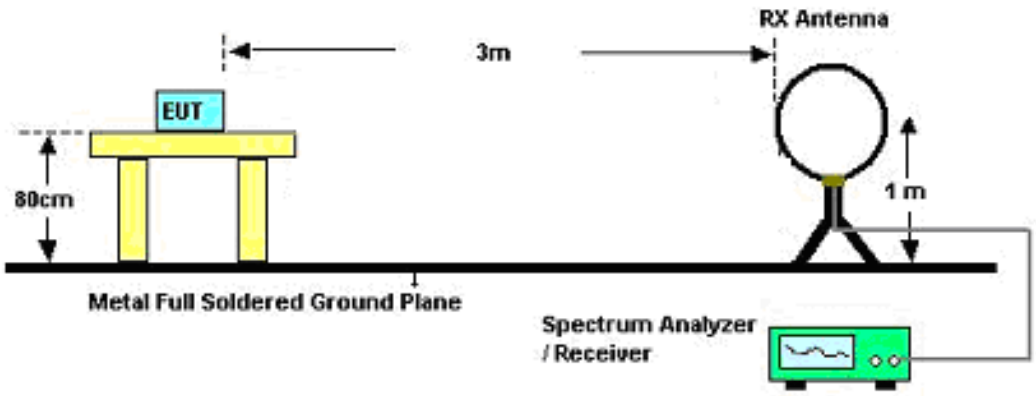
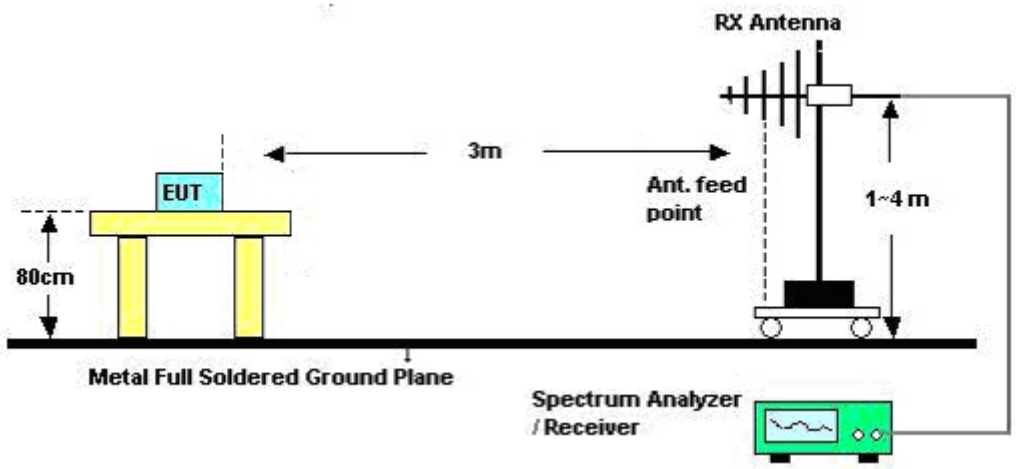
3.5.2 Measuring Instruments

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

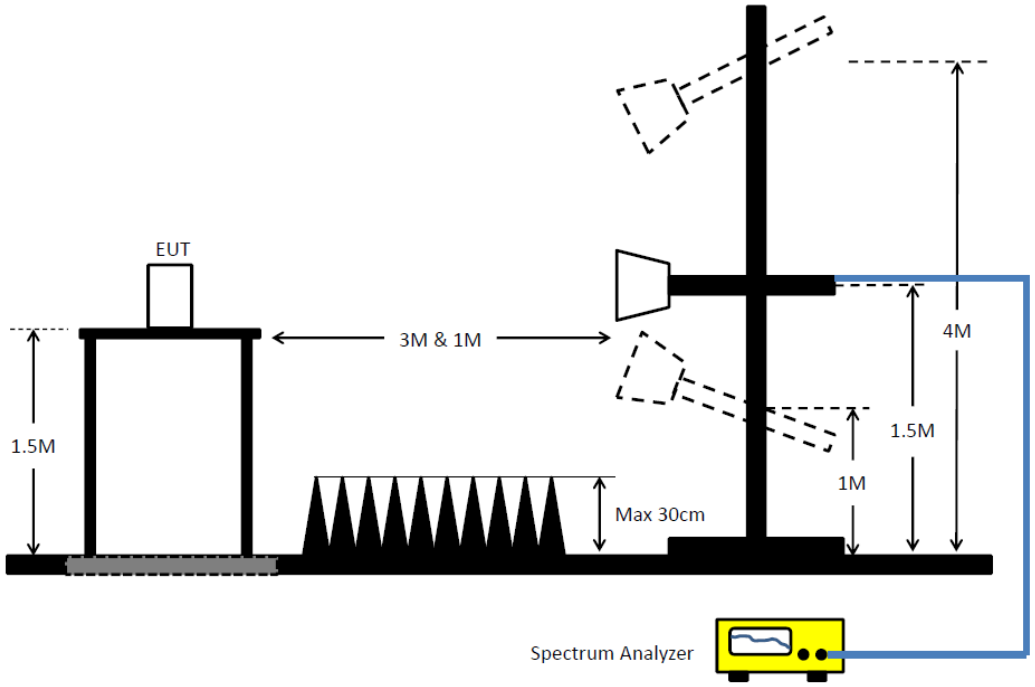
3.5.3 Test Procedures

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

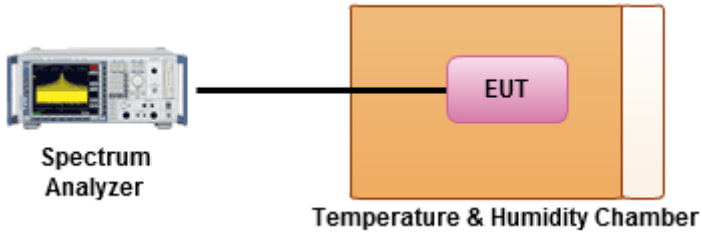
Refer a test equipment and calibration data table in this test report.

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

Instrument for Radiated Test - Below 1GHz

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH01-HY	30 MHz ~ 1 GHz	15/Mar/2017	14/Mar/2018
Amplifier	COM-POWER	PA-103	161050	1 MHz ~ 1 GHz	11/Jul/2016	10/Jul/2017
Spectrum	R&S	FSV40	100593	9kHz ~ 40GHz	26/Oct/2016	25/Oct/2017
Bilog Antenna with 5dB Attenuator	SCHAFFNER& MTJ	CBL6112D & MTJ6102-05	2678&001	30 MHz ~ 2 GHz	30/Jul/2016	29/Jul/2017
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF Cable-R03m	Jye Bao	RG142	CB019	9kHz ~ 1GHz	03/Jan/2017	02/Jan/2018

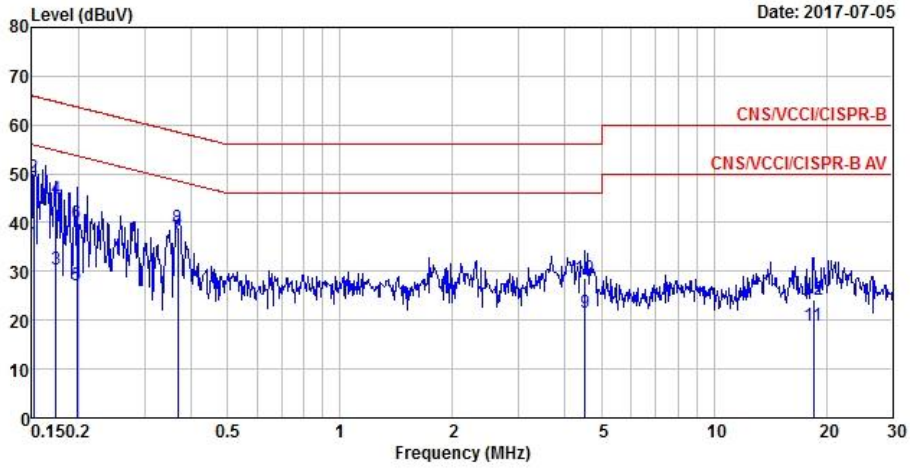
Instrument for Radiated Test - Above 1GHz

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH01-HY	1GHz ~18 GHz	15/Mar/2017	15/Mar/2018
Amplifier	Agilent	8449B	3008A02326	1GHz ~ 26.5GHz	12/Jul/2016	11/Jul/2017
Spectrum	R&S	FSV40	100593	9kHz ~ 40GHz	26/Oct/2016	25/Oct/2017
Horn Antenna	SCHWARZBECK	BBHA 9120	BBHA9120D1130	1GHz ~ 18GHz	07/Oct2016	06/Oct/2017
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170339	18GHz ~ 40GHz	10/Apr/2017	09/Apr/2018
Amplifier	EMC INSTRUMENTS	EMC184045B	980192	18GHz ~ 40GHz	24/Aug/2016	23/Aug/2017
RF Cable-HIGH	SUHNER	SUCOFLEX 106	CB069-HF	1GHz ~ 40GHz	05/Nov/2016	04/Nov/2017

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	30/Dec/2016	29/Dec/2017
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	10/Feb/2017	09/Feb/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	21/Jul/2016	20/Jul/2017
Temp. and Humidity Chamber	Giant Force	GTH-225-20-SP-SD	MAA1112-007	-20 ~ 100℃	10/May/2017	09/May/2018
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-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-1.5m	HUBER+SUHNER	SUCOFLEX_104	MY12582/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017

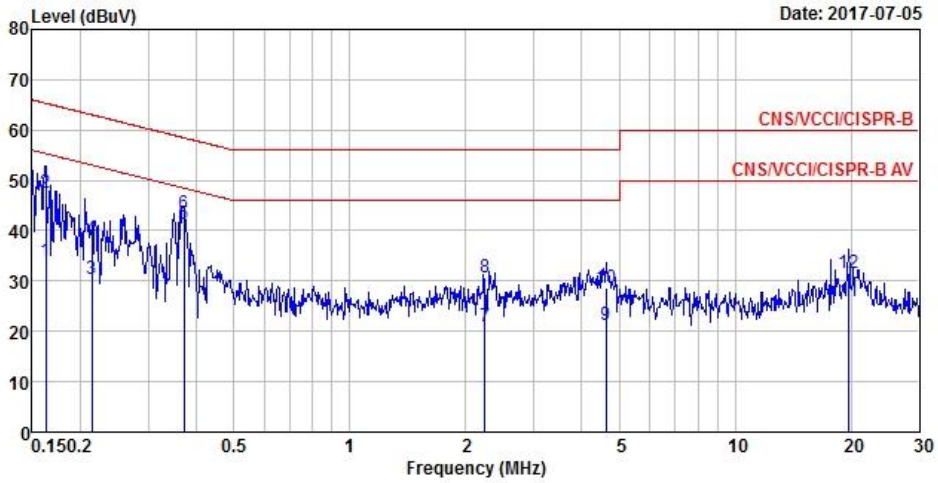
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal link		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	35.82	-20.11	55.93	26.00	9.60	0.22	Average
2		0.15	49.44	-16.49	65.93	39.62	9.60	0.22	QP
3		0.17	30.46	-24.31	54.77	20.56	9.64	0.26	Average
4		0.17	44.79	-19.98	64.77	34.89	9.64	0.26	QP
5		0.20	27.18	-26.53	53.71	17.21	9.67	0.30	Average
6		0.20	39.99	-23.72	63.71	30.02	9.67	0.30	QP
7	MAX	0.37	36.77	-11.76	48.53	27.02	9.63	0.12	Average
8		0.37	39.07	-19.46	58.53	29.32	9.63	0.12	QP
9		4.53	21.48	-24.52	46.00	11.66	9.71	0.11	Average
10		4.53	28.65	-27.35	56.00	18.83	9.71	0.11	QP
11		18.43	18.84	-31.16	50.00	8.77	9.87	0.20	Average
12		18.43	24.11	-35.89	60.00	14.04	9.87	0.20	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	Normal link		



		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.16	33.92	-21.42	55.34	24.02	9.66	0.24	Average
2		0.16	47.67	-17.67	65.34	37.77	9.66	0.24	QP
3		0.21	30.33	-22.70	53.03	20.40	9.65	0.28	Average
4		0.21	38.51	-24.52	63.03	28.58	9.65	0.28	QP
5	MAX	0.37	41.36	-7.10	48.46	31.56	9.68	0.12	Average
6		0.37	43.32	-15.14	58.46	33.52	9.68	0.12	QP
7		2.24	21.02	-24.98	46.00	10.96	9.79	0.27	Average
8		2.24	30.68	-25.32	56.00	20.62	9.79	0.27	QP
9		4.63	21.38	-24.62	46.00	11.49	9.77	0.12	Average
10		4.63	28.75	-27.25	56.00	18.86	9.77	0.12	QP
11		19.71	26.10	-23.90	50.00	16.00	9.90	0.20	Average
12		19.71	31.59	-28.41	60.00	21.49	9.90	0.20	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)_1TX	-	-	-	-	-
5.15-5.25GHz	48.6M	31.709M	31M7D1D	35.25M	16.842M
5.725-5.85GHz	16.475M	34.933M	34M9D1D	16.425M	33.358M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	43.525M	20.94M	20M9D1D	33.475M	17.741M
5.725-5.85GHz	17.725M	34.258M	34M3D1D	16.275M	19.14M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	90.2M	39.48M	39M5D1D	73.4M	36.232M
5.725-5.85GHz	36.35M	64.768M	64M8D1D	35.3M	37.231M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	115.9M	74.563M	74M6D1D	110.5M	74.463M
5.725-5.85GHz	73.7M	80.36M	80M4D1D	72M	74.863M

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

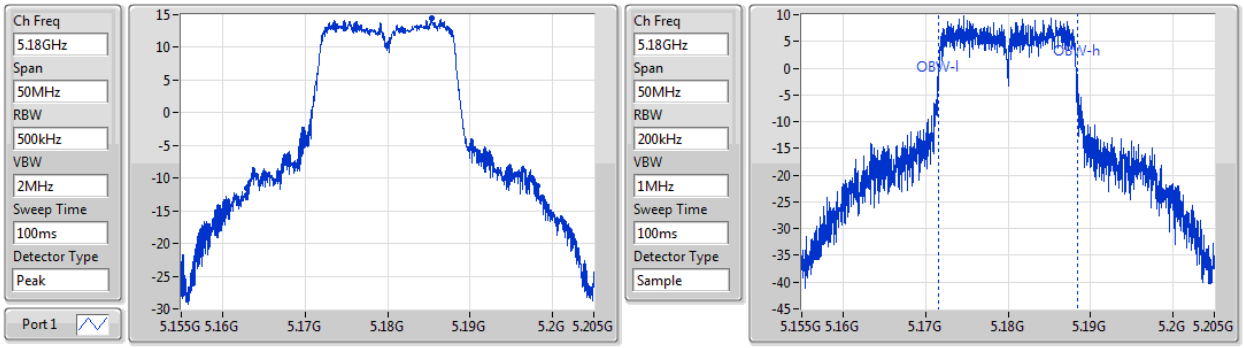
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	35.25M	16.842M				
5200MHz_TnomVnom	Pass	Inf	48.6M	31.709M				
5240MHz_TnomVnom	Pass	Inf	40.1M	18.716M				
5745MHz_TnomVnom	Pass	500k	16.475M	34.933M				
5785MHz_TnomVnom	Pass	500k	16.425M	33.933M				
5825MHz_TnomVnom	Pass	500k	16.425M	33.358M				
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	33.475M	17.741M	34.05M	17.816M	34.2M	17.866M
5200MHz_TnomVnom	Pass	Inf	39.05M	18.716M	35.05M	17.941M	43.525M	20.94M
5240MHz_TnomVnom	Pass	Inf	40.45M	19.69M	38.325M	18.916M	40.9M	20.39M
5745MHz_TnomVnom	Pass	500k	16.275M	34.258M	17.575M	30.085M	17.625M	20.79M
5785MHz_TnomVnom	Pass	500k	17.55M	33.008M	17.575M	27.636M	17.6M	19.34M
5825MHz_TnomVnom	Pass	500k	17.55M	31.959M	17.65M	25.012M	17.725M	19.14M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	75.3M	36.232M	73.4M	36.482M	74.55M	36.382M
5230MHz_TnomVnom	Pass	Inf	90.05M	38.231M	90.2M	38.281M	88.55M	39.48M
5755MHz_TnomVnom	Pass	500k	35.7M	64.768M	36.35M	47.726M	36.35M	37.231M
5795MHz_TnomVnom	Pass	500k	35.3M	64.168M	36.35M	47.676M	36.35M	38.881M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	Inf	115.9M	74.563M	113.7M	74.563M	110.5M	74.463M
5775MHz_TnomVnom	Pass	500k	73.6M	80.36M	73.7M	75.562M	72M	74.863M

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)_1TX **EBW**

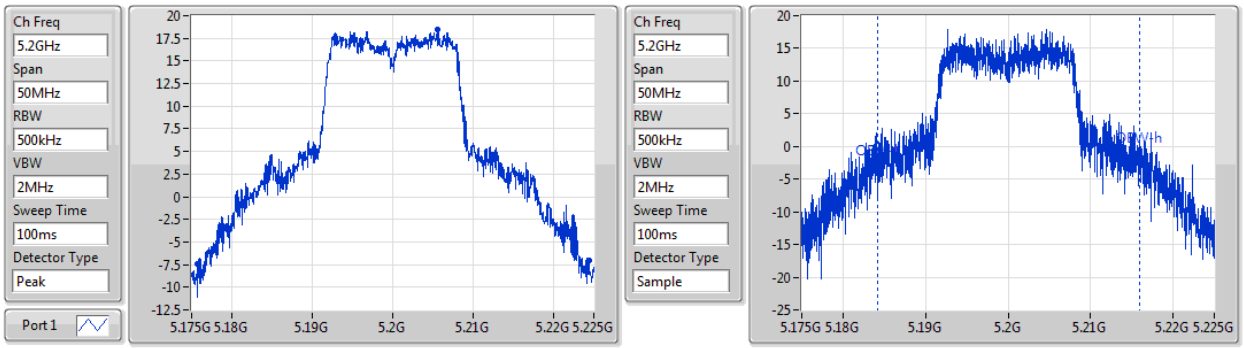
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.25M	5.1629G	5.19815G	16.842M	5.171529G	5.188371G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

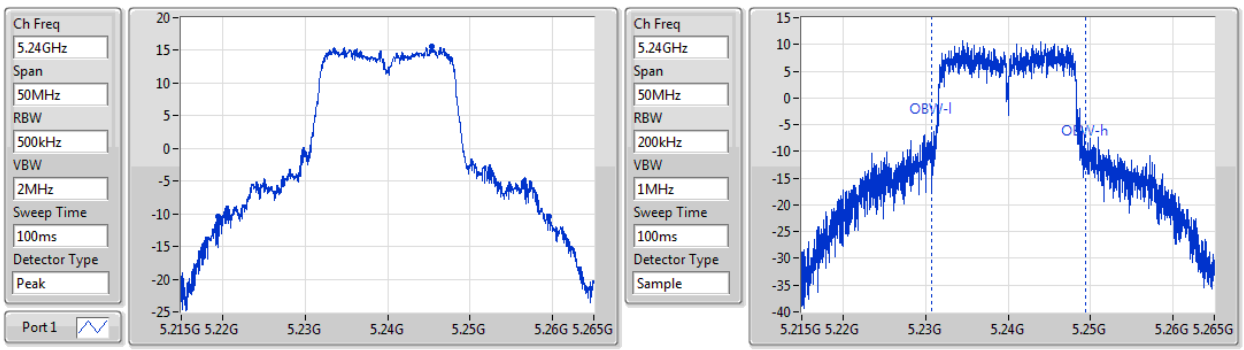
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.6M	5.175775G	5.224375G	31.709M	5.184208G	5.215917G	Inf	1

802.11a_Nss1,(6Mbps)_1TX **EBW**

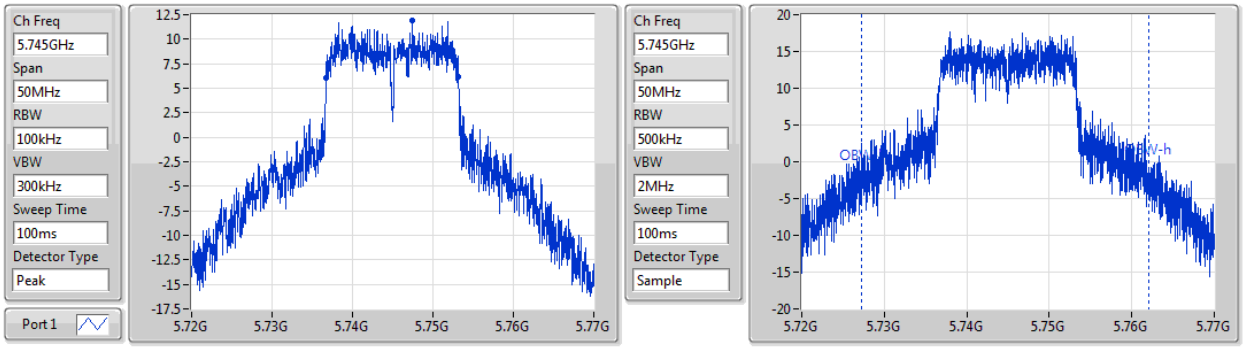
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.219475G	5.259575G	18.716M	5.230705G	5.24942G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

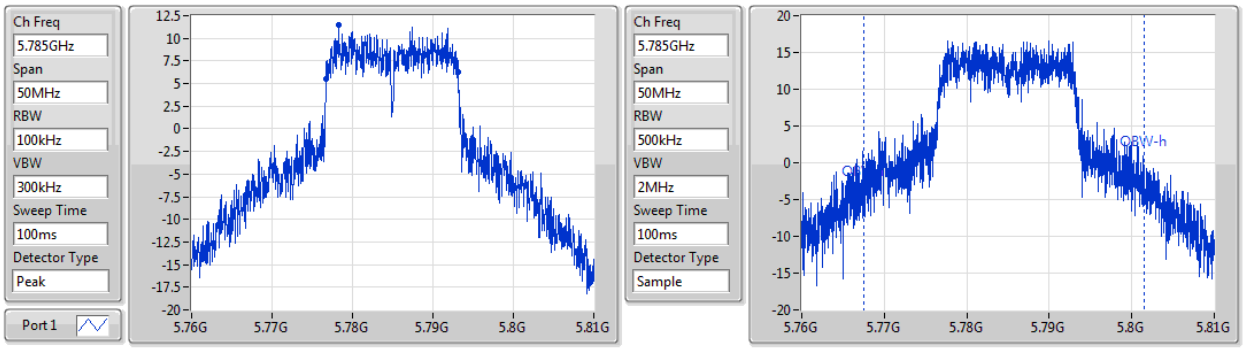
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.475M	5.736725G	5.7532G	34.933M	5.727184G	5.762116G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

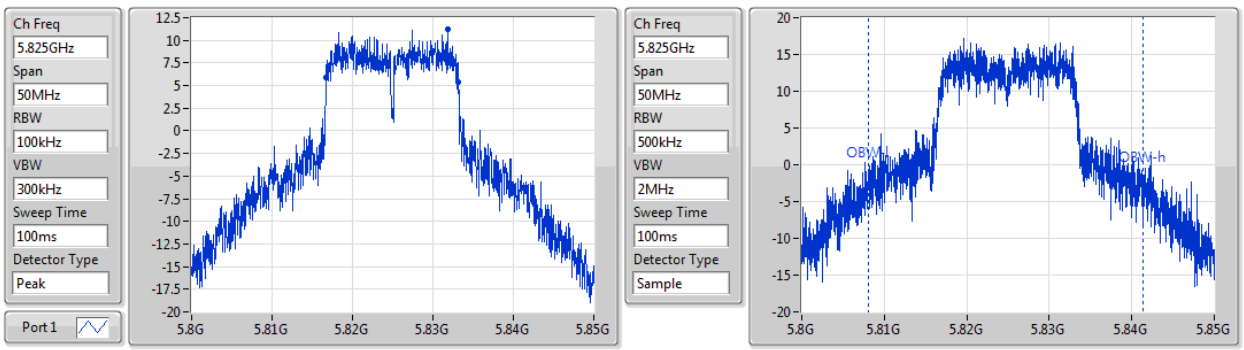
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	5.776725G	5.79315G	33.933M	5.767559G	5.801492G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

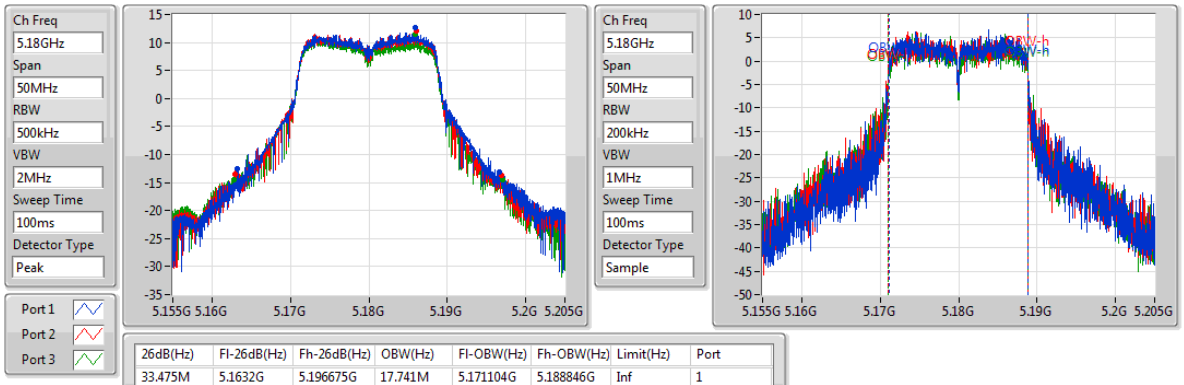
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	5.81675G	5.833175G	33.358M	5.808058G	5.841417G	500k	1

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

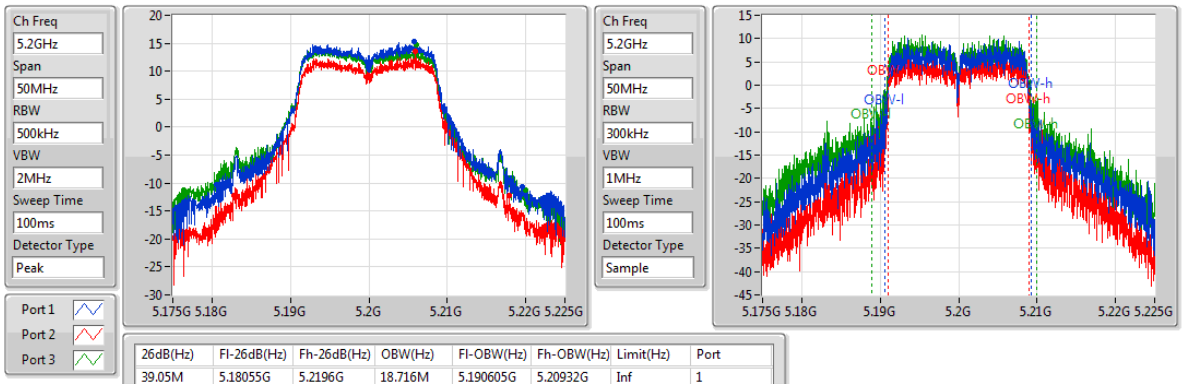
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.475M	5.1632G	5.196675G	17.741M	5.171104G	5.188846G	Inf	1
34.05M	5.162925G	5.196975G	17.816M	5.171029G	5.188846G	Inf	2
34.2M	5.1628G	5.197G	17.866M	5.170955G	5.188821G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

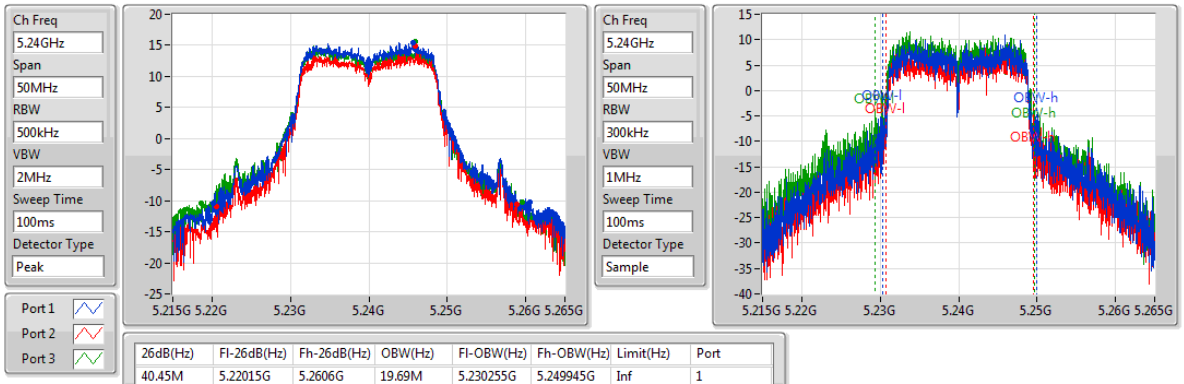
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.18055G	5.2196G	18.716M	5.190605G	5.20932G	Inf	1
35.05M	5.1828G	5.21785G	17.941M	5.191004G	5.208946G	Inf	2
43.525M	5.17645G	5.219975G	20.94M	5.188956G	5.209895G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

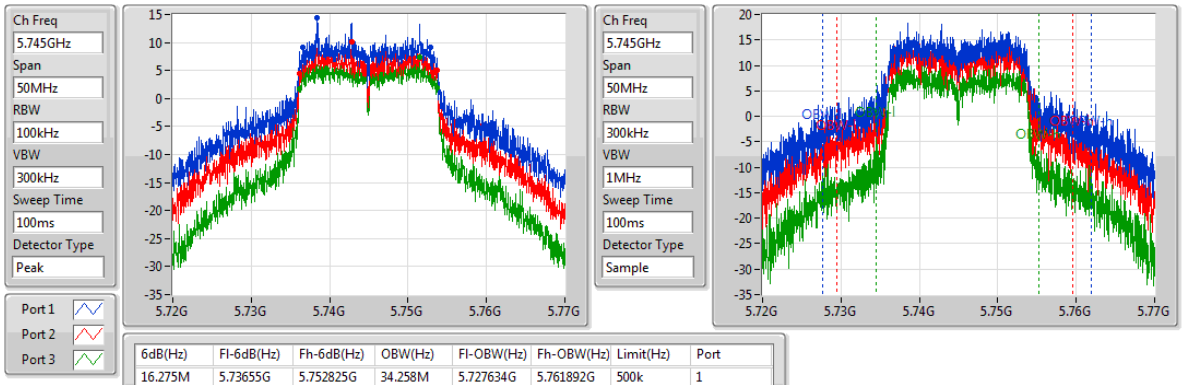
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.45M	5.22015G	5.2606G	19.69M	5.230255G	5.249945G	Inf	1
38.325M	5.220575G	5.2589G	18.916M	5.23068G	5.249595G	Inf	2
40.9M	5.21865G	5.25955G	20.39M	5.22933G	5.24972G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

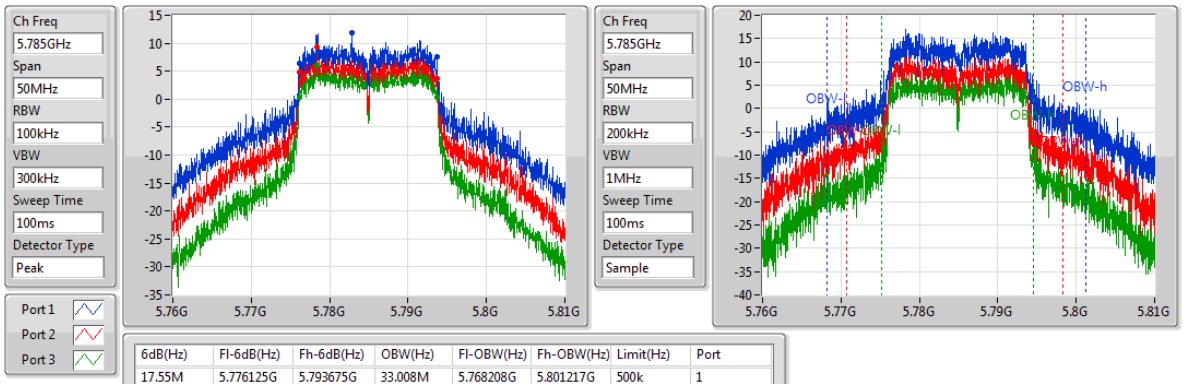
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.73655G	5.752825G	34.258M	5.727634G	5.761892G	500k	1
17.575M	5.73615G	5.753725G	30.085M	5.729508G	5.759593G	500k	2
17.625M	5.7361G	5.753725G	20.79M	5.734505G	5.755295G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

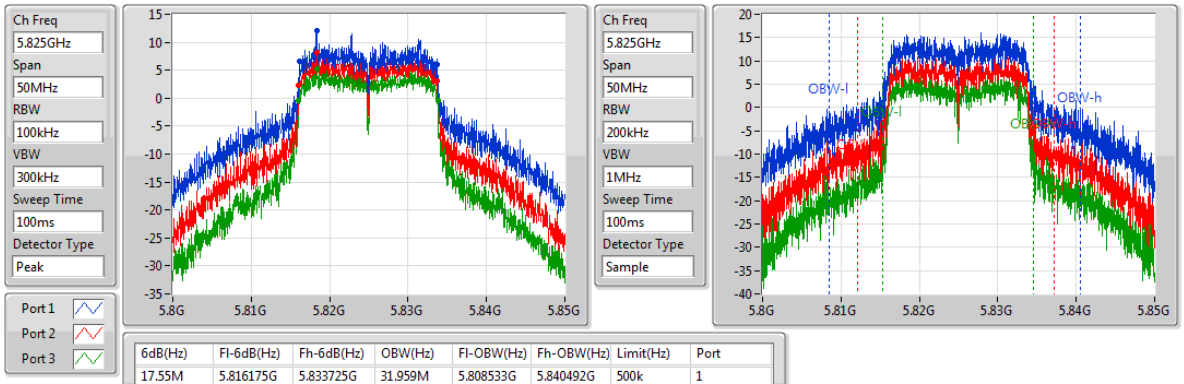
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.776125G	5.793675G	33.008M	5.768208G	5.801217G	500k	1
17.575M	5.77615G	5.793725G	27.636M	5.770682G	5.798318G	500k	2
17.6M	5.776125G	5.793725G	19.34M	5.775205G	5.794545G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX **EBW**

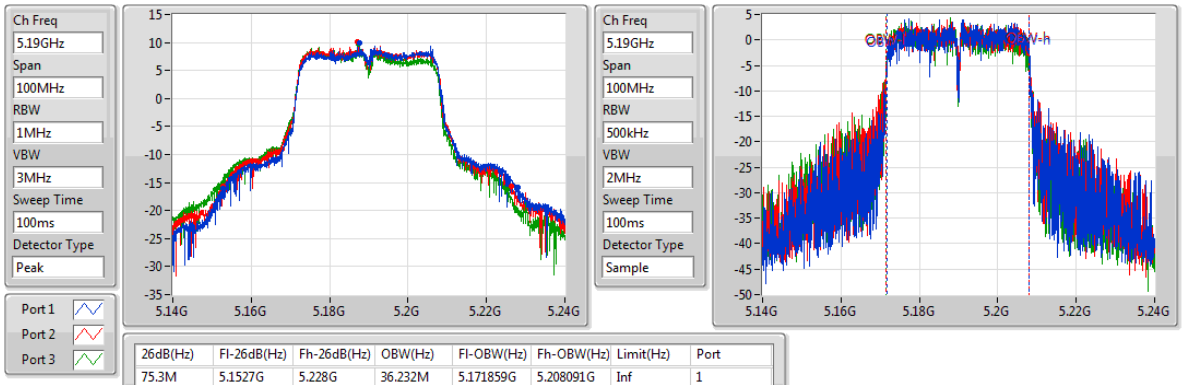
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.816175G	5.833725G	31.959M	5.808533G	5.840492G	500k	1
17.65M	5.816075G	5.833725G	25.012M	5.812106G	5.837119G	500k	2
17.725M	5.816075G	5.8338G	19.14M	5.81538G	5.83452G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

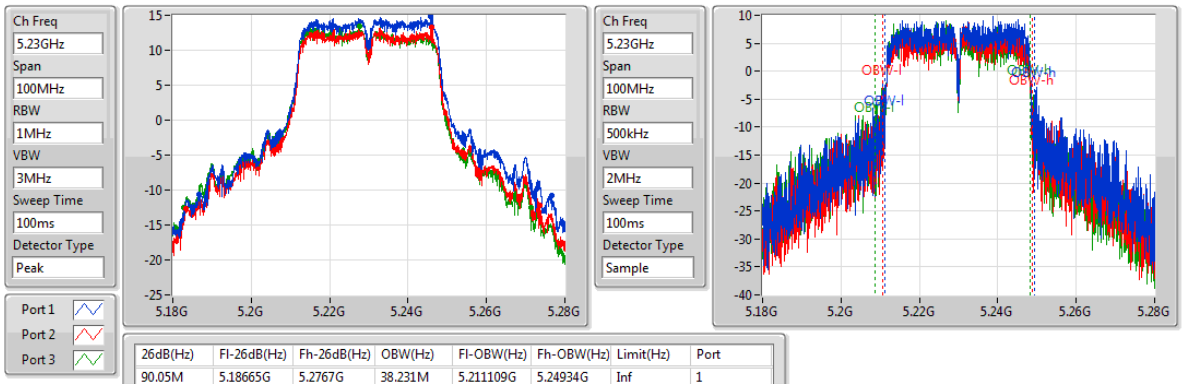
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.3M	5.1527G	5.228G	36.232M	5.171859G	5.208091G	Inf	1
73.4M	5.15285G	5.22625G	36.482M	5.171609G	5.208091G	Inf	2
74.55M	5.15075G	5.2253G	36.382M	5.171559G	5.207941G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

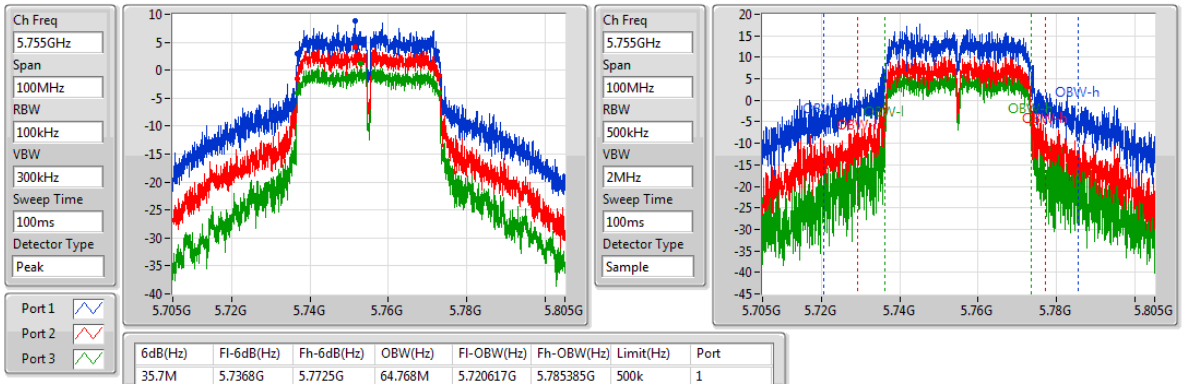
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
90.05M	5.18665G	5.2767G	38.231M	5.211109G	5.24934G	Inf	1
90.2M	5.18345G	5.27365G	38.281M	5.21056G	5.248841G	Inf	2
88.55M	5.1829G	5.27145G	39.48M	5.208811G	5.248291G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

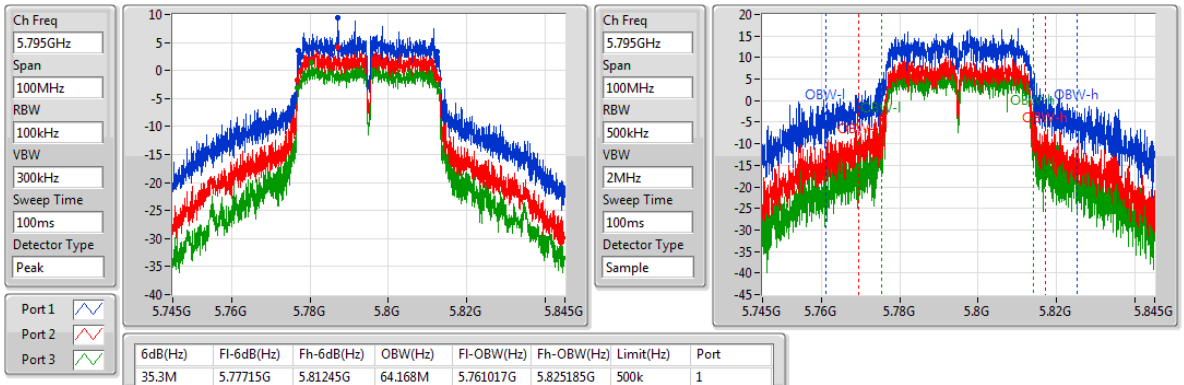
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.7M	5.7368G	5.7725G	64.768M	5.720617G	5.785385G	500k	1
36.35M	5.73675G	5.7731G	47.726M	5.729313G	5.777039G	500k	2
36.35M	5.73675G	5.7731G	37.231M	5.736259G	5.773491G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX **EBW**

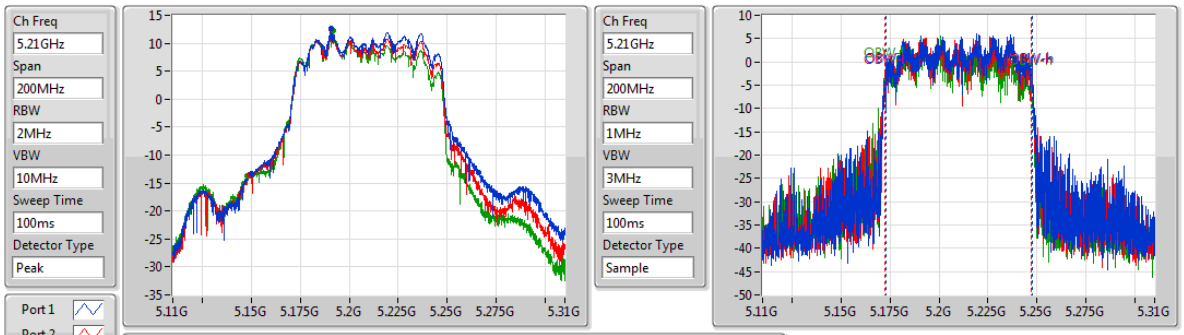
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.3M	5.77715G	5.81245G	64.168M	5.761017G	5.825185G	500k	1
36.35M	5.77675G	5.8131G	47.676M	5.769463G	5.817139G	500k	2
36.35M	5.77675G	5.8131G	38.881M	5.77531G	5.81419G	500k	3

802.11ac VHT80_Nss1,(MCS0)_3TX **EBW**

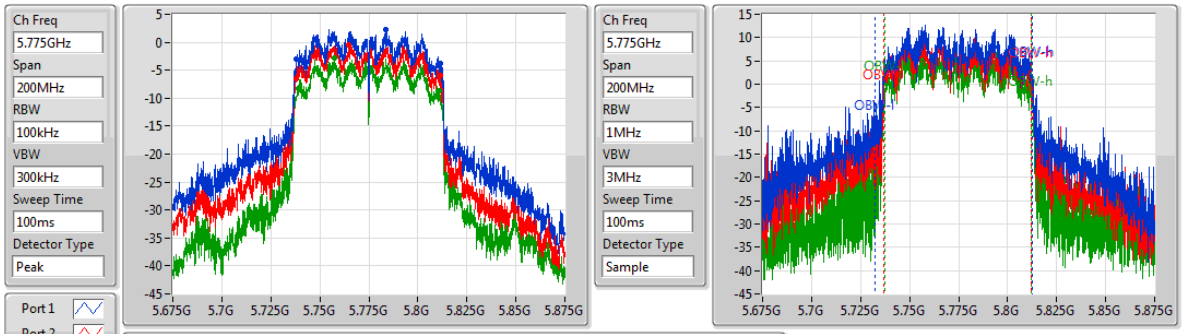
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
115.9M	5.1502G	5.2661G	74.563M	5.172819G	5.247381G	Inf	1
113.7M	5.1492G	5.2629G	74.563M	5.172519G	5.247081G	Inf	2
110.5M	5.1479G	5.2584G	74.463M	5.172319G	5.246782G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.6M	5.738G	5.8116G	80.36M	5.732421G	5.812781G	500k	1
73.7M	5.7377G	5.8114G	75.562M	5.736719G	5.812281G	500k	2
72M	5.7388G	5.8108G	74.863M	5.737319G	5.812181G	500k	3

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5.15-5.25GHz	26.64	0.46132	29.84	0.96383
5.725-5.85GHz	26.38	0.43451	29.58	0.90782
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	26.81	0.47973	30.01	1.00231
5.725-5.85GHz	28.49	0.70632	31.69	1.47571
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	24.97	0.31405	28.17	0.65615
5.725-5.85GHz	27.03	0.50466	30.23	1.05439
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	18.95	0.07852	22.15	0.16406
5.725-5.85GHz	24.32	0.27040	27.52	0.56494

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.20	22.51			22.51	30.00	25.71	36.00
5200MHz_TnomVnom	Pass	3.20	26.64			26.64	30.00	29.84	36.00
5240MHz_TnomVnom	Pass	3.20	23.90			23.90	30.00	27.10	36.00
5745MHz_TnomVnom	Pass	3.20	26.38			26.38	30.00	29.58	36.00
5785MHz_TnomVnom	Pass	3.20	25.81			25.81	30.00	29.01	36.00
5825MHz_TnomVnom	Pass	3.20	25.68			25.68	30.00	28.88	36.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.20	18.49	18.37	17.69	22.97	30.00	26.17	36.00
5200MHz_TnomVnom	Pass	3.20	21.94	19.11	21.24	25.69	30.00	28.89	36.00
5240MHz_TnomVnom	Pass	3.20	22.74	21.00	22.19	26.81	30.00	30.01	36.00
5745MHz_TnomVnom	Pass	3.20	25.49	23.29	21.44	28.49	30.00	31.69	36.00
5785MHz_TnomVnom	Pass	3.20	24.78	22.46	20.59	27.72	30.00	30.92	36.00
5825MHz_TnomVnom	Pass	3.20	24.46	22.25	20.12	27.41	30.00	30.61	36.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	3.20	14.49	14.76	14.26	19.28	30.00	22.48	36.00
5230MHz_TnomVnom	Pass	3.20	21.33	19.43	19.56	24.97	30.00	28.17	36.00
5755MHz_TnomVnom	Pass	3.20	24.67	21.59	18.28	27.03	30.00	30.23	36.00
5795MHz_TnomVnom	Pass	3.20	24.13	21.32	18.97	26.75	30.00	29.95	36.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	3.20	14.97	14.10	13.29	18.95	30.00	22.15	36.00
5775MHz_TnomVnom	Pass	3.20	21.55	19.26	16.36	24.32	30.00	27.52	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-
5.15-5.25GHz	12.92	16.12
5.725-5.85GHz	11.02	14.22
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	12.98	20.82
5.725-5.85GHz	13.11	20.95
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	7.82	15.66
5.725-5.85GHz	8.13	15.97
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	1.62	9.46
5.725-5.85GHz	4.90	12.74

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

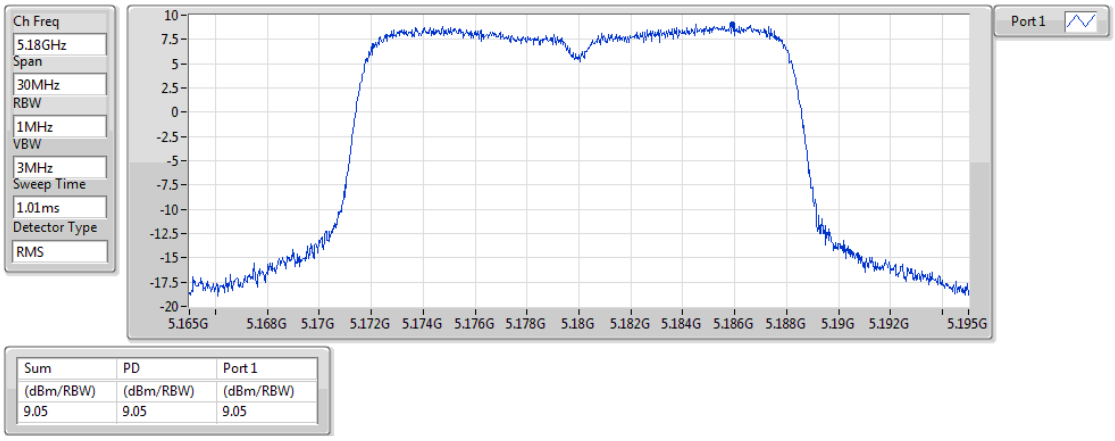
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.20	9.05			9.05	17.00	12.25	Inf
5200MHz_TnomVnom	Pass	3.20	12.92			12.92	17.00	16.12	Inf
5240MHz_TnomVnom	Pass	3.20	10.33			10.33	17.00	13.53	Inf
5745MHz_TnomVnom	Pass	3.20	11.02			11.02	30.00	14.22	Inf
5785MHz_TnomVnom	Pass	3.20	10.70			10.70	30.00	13.90	Inf
5825MHz_TnomVnom	Pass	3.20	10.22			10.22	30.00	13.42	Inf
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.84	5.32	5.18	4.84	9.67	15.16	17.51	Inf
5200MHz_TnomVnom	Pass	7.84	8.61	6.08	8.29	12.15	15.16	19.99	Inf
5240MHz_TnomVnom	Pass	7.84	9.05	7.80	8.79	12.98	15.16	20.82	Inf
5745MHz_TnomVnom	Pass	7.84	10.20	8.46	6.49	13.11	28.16	20.95	Inf
5785MHz_TnomVnom	Pass	7.84	9.76	7.56	5.76	12.60	28.16	20.44	Inf
5825MHz_TnomVnom	Pass	7.84	9.22	7.29	5.34	12.05	28.16	19.89	Inf
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.84	-1.94	-1.97	-2.20	2.65	15.16	10.49	Inf
5230MHz_TnomVnom	Pass	7.84	4.26	2.34	2.49	7.82	15.16	15.66	Inf
5755MHz_TnomVnom	Pass	7.84	5.93	2.56	-0.79	8.12	28.16	15.96	Inf
5795MHz_TnomVnom	Pass	7.84	5.54	2.70	0.51	8.13	28.16	15.97	Inf
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.84	-2.33	-3.15	-2.97	1.62	15.16	9.46	Inf
5775MHz_TnomVnom	Pass	7.84	2.08	0.12	-2.24	4.90	28.16	12.74	Inf

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

802.11a_Nss1,(6Mbps)_1TX **PSD**

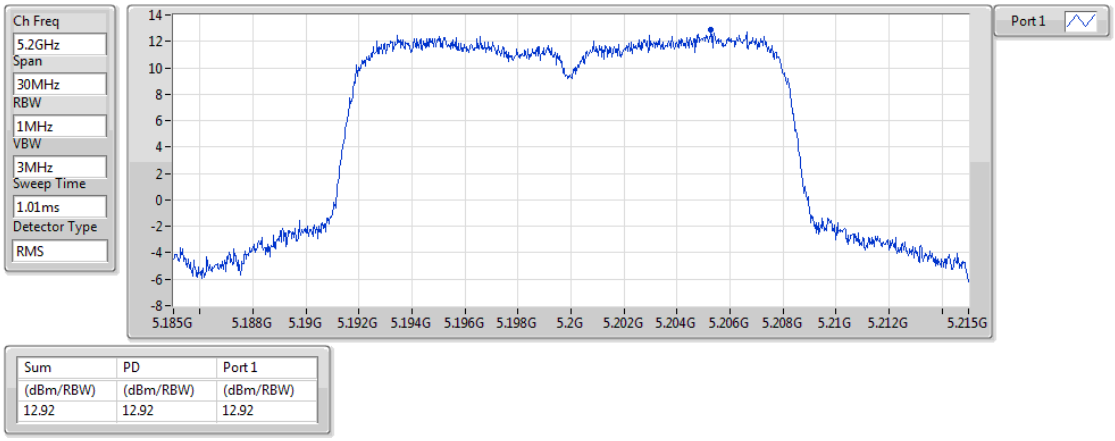
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	9.05

802.11a_Nss1,(6Mbps)_1TX **PSD**

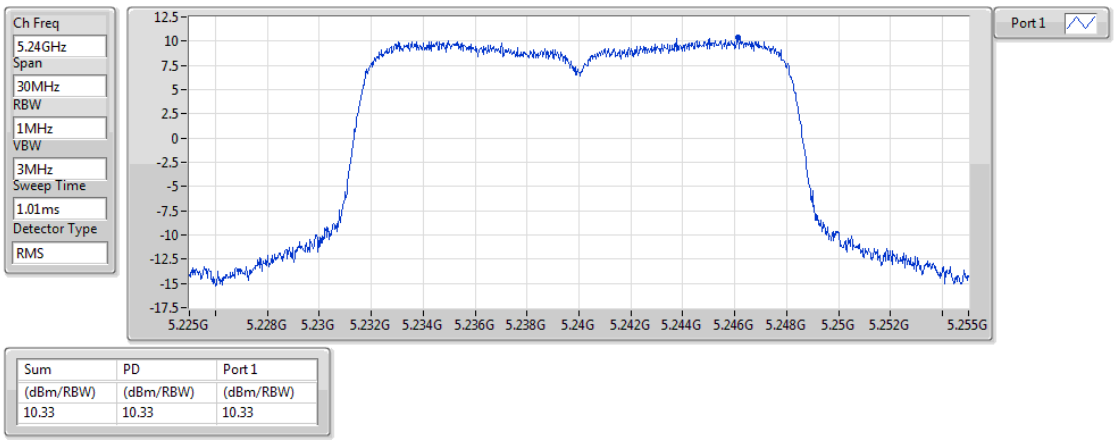
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.92	12.92	12.92

802.11a_Nss1,(6Mbps)_1TX **PSD**

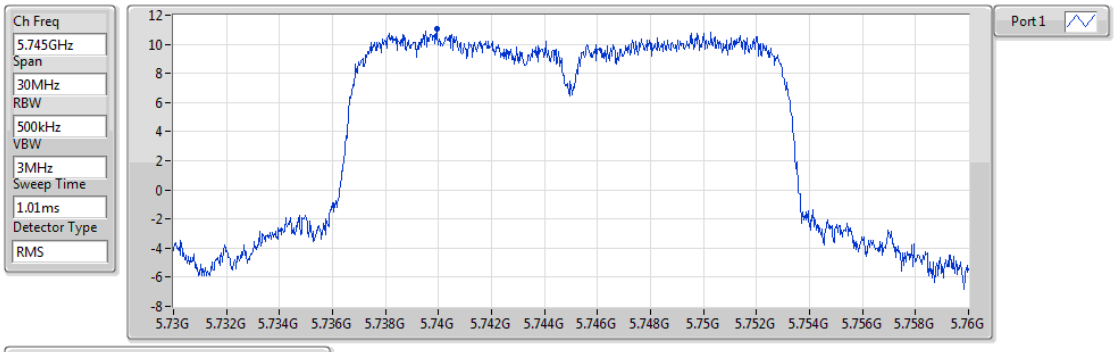
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	10.33

802.11a_Nss1,(6Mbps)_1TX **PSD**

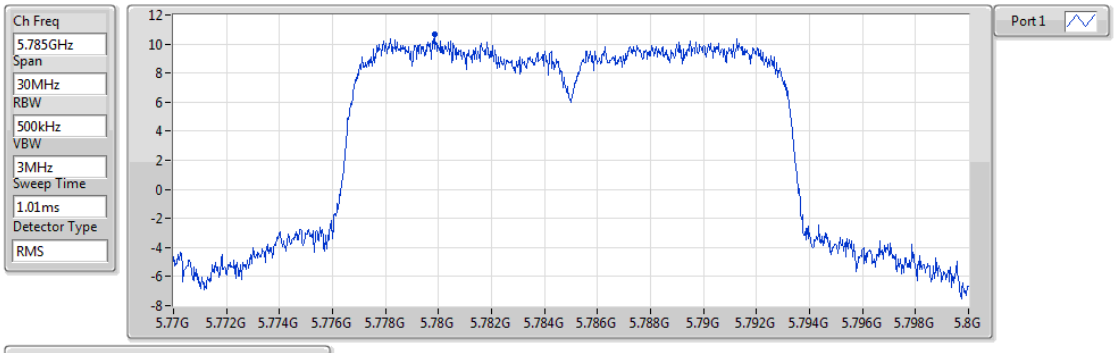
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	11.02

802.11a_Nss1,(6Mbps)_1TX **PSD**

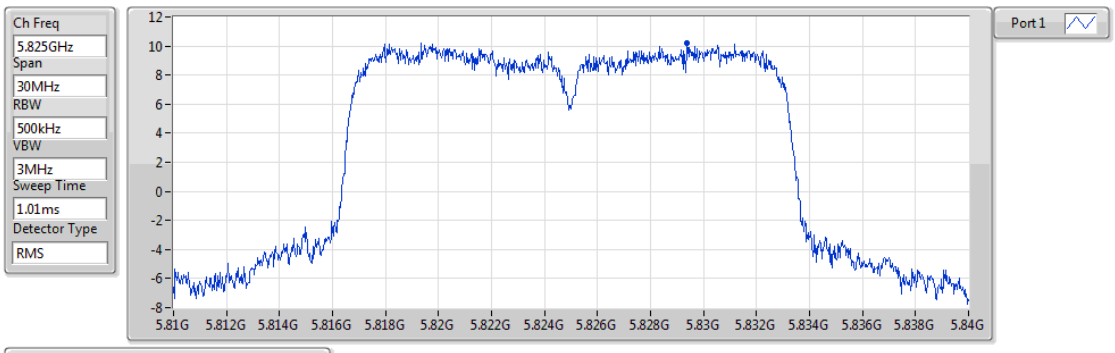
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	10.70

802.11a_Nss1,(6Mbps)_1TX **PSD**

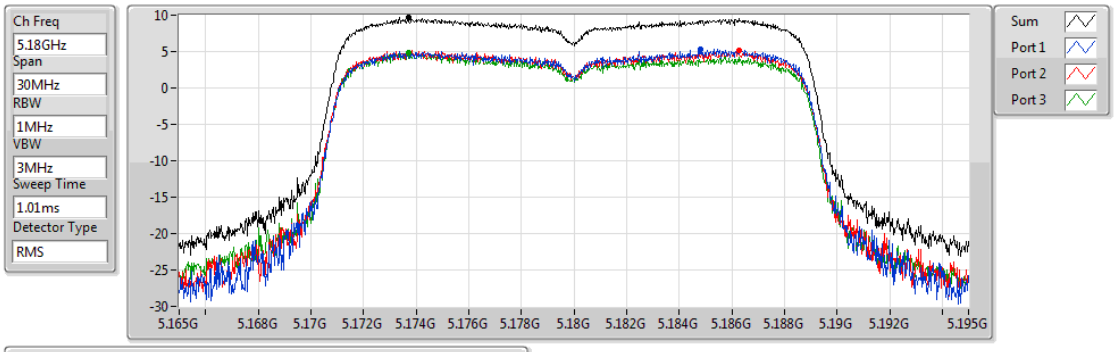
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.22	10.22	10.22

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

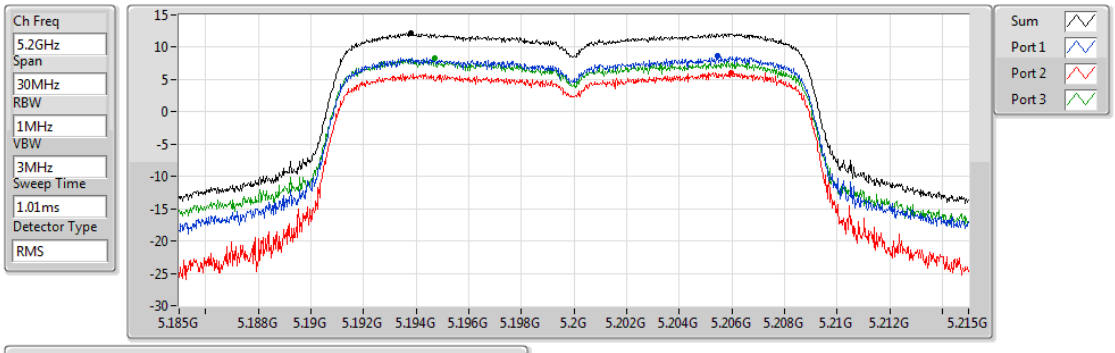
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.67	9.67	5.32	5.18	4.84

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

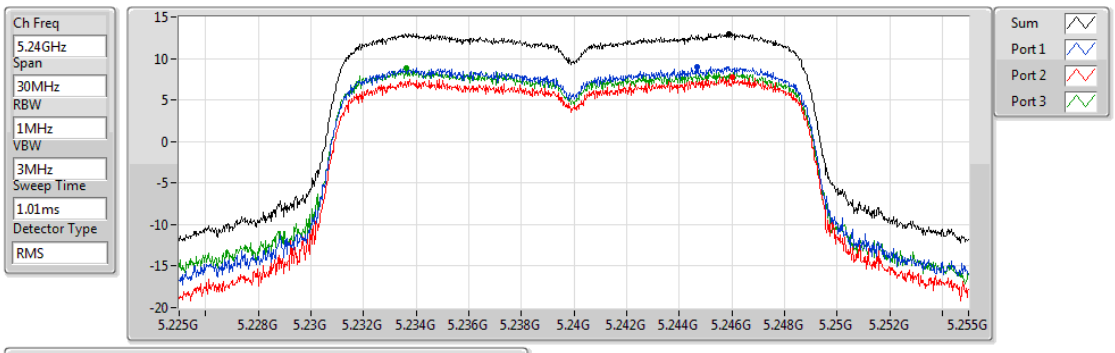
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	8.61	6.08	8.29

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

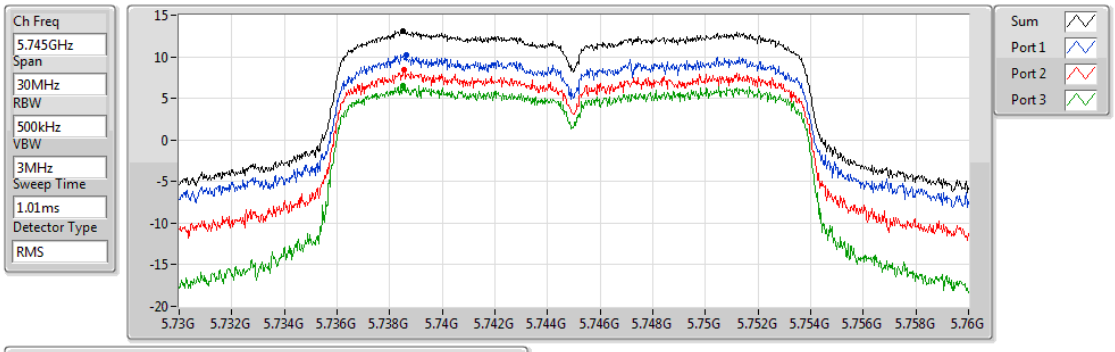
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.98	12.98	9.05	7.80	8.79

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

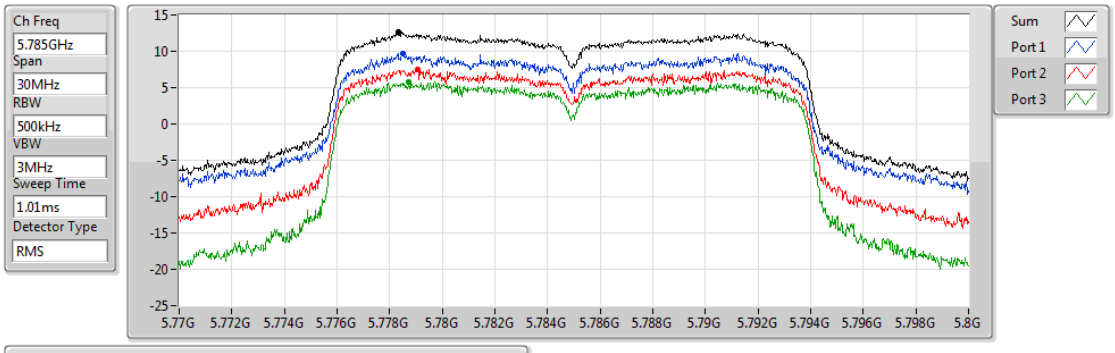
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.11	13.11	10.20	8.46	6.49

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

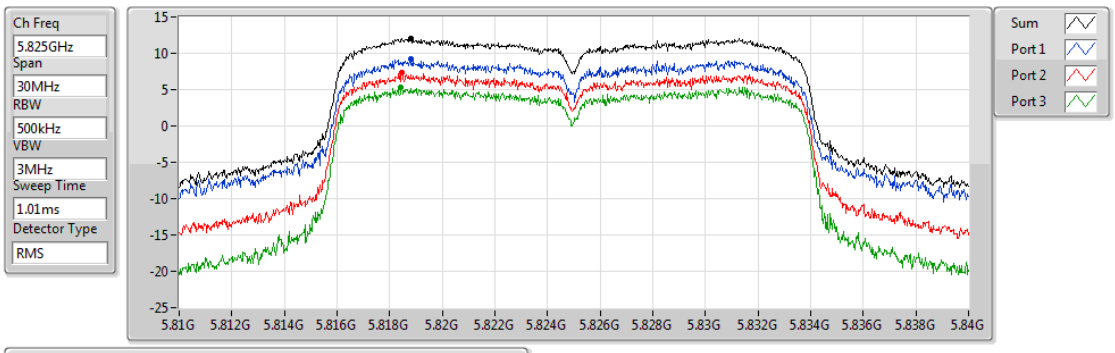
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.60	12.60	9.76	7.56	5.76

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

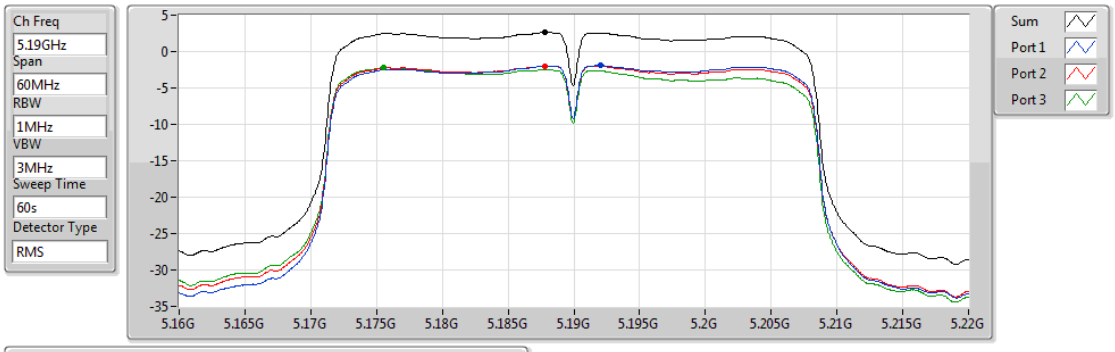
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.05	12.05	9.22	7.29	5.34

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

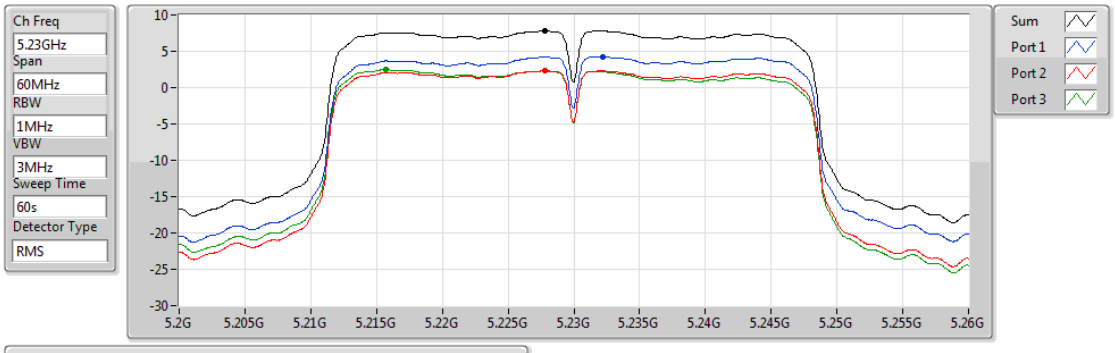
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65	-1.94	-1.97	-2.20

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

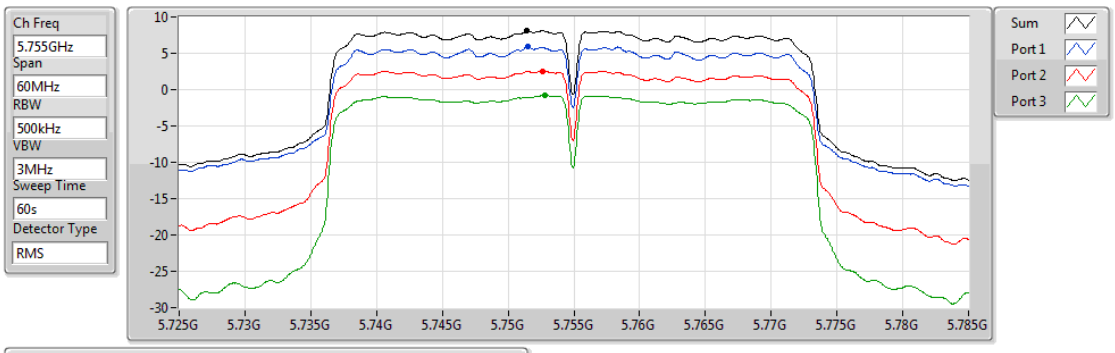
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	4.26	2.34	2.49

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

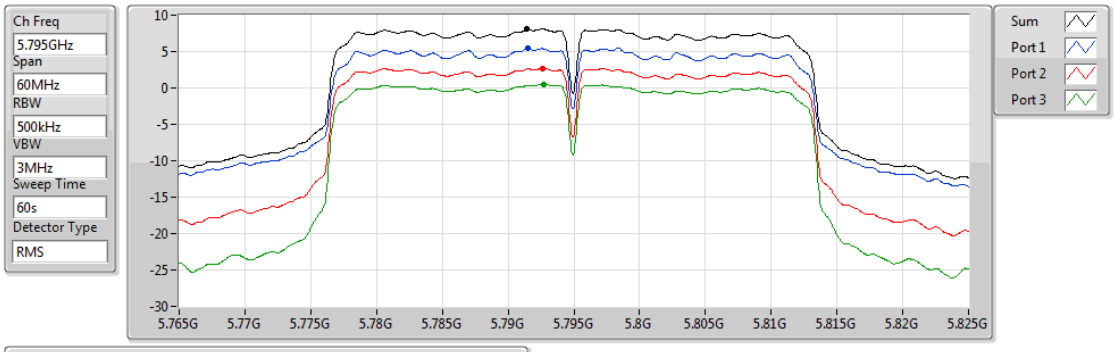
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	5.93	2.56	-0.79

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

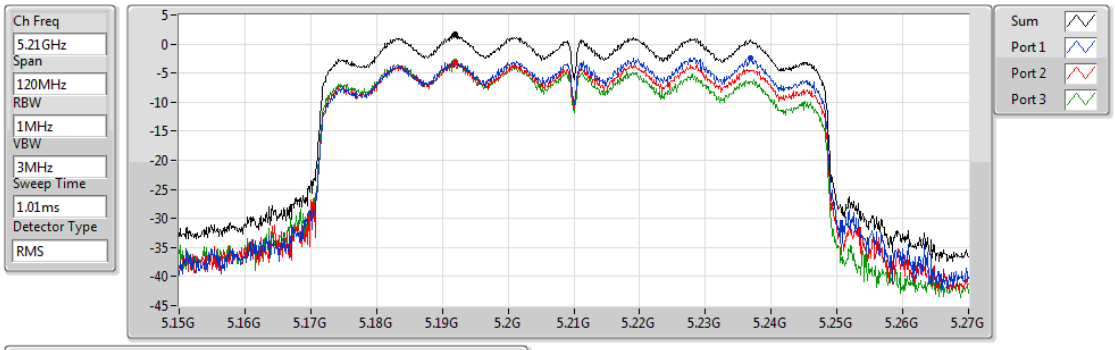
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	5.54	2.70	0.51

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

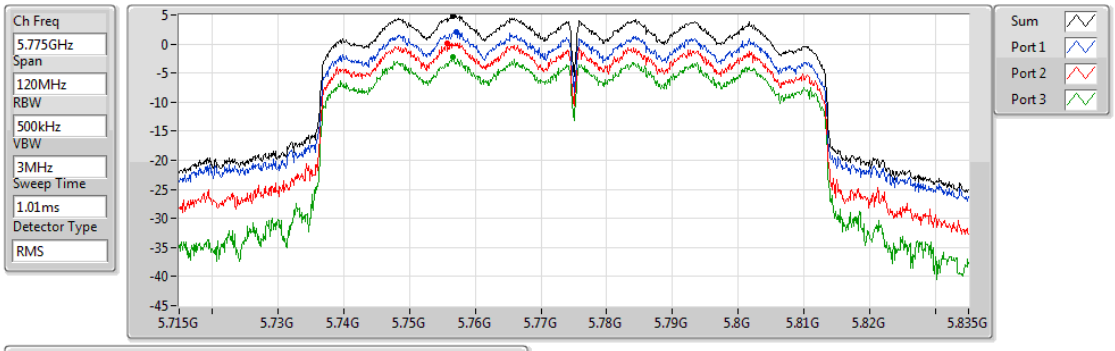
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.62	1.62	-2.33	-3.15	-2.97

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	2.08	0.12	-2.24

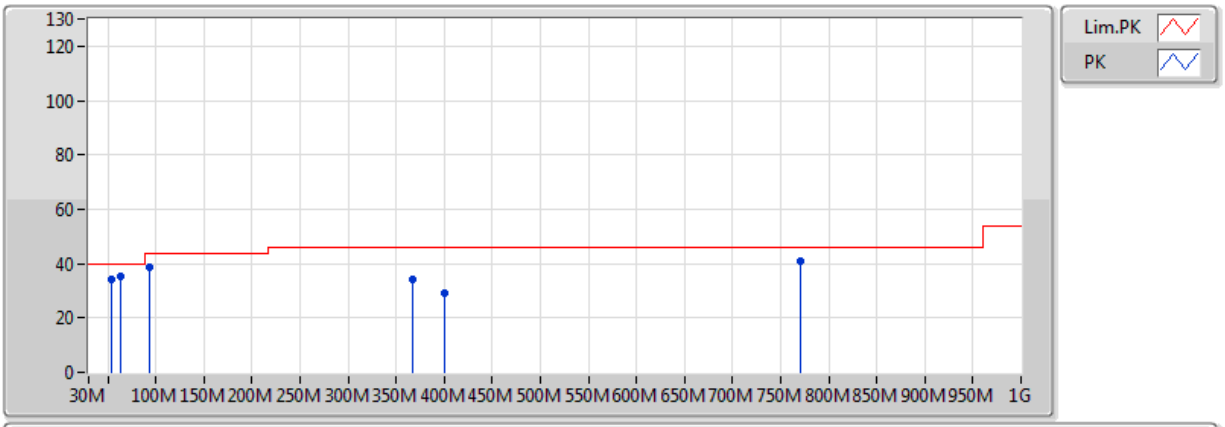
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	PK	94.02M	38.86	43.50	-4.64	-21.08	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
Mode 1	Pass	PK	117.3M	28.44	43.50	-15.06	-18.61	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	156.1M	27.68	43.50	-15.82	-18.76	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	289.96M	35.18	46.00	-10.82	-15.65	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	353.98M	35.10	46.00	-10.90	-13.97	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	509.18M	32.71	46.00	-13.29	-10.10	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	769.14M	39.87	46.00	-6.13	-5.91	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	94.02M	38.86	43.50	-4.64	-21.08	3	Vertical	0	1.00	-
Mode 1	Pass	PK	367.56M	33.97	46.00	-12.03	-13.59	3	Vertical	0	1.00	-
Mode 1	Pass	PK	400.54M	29.06	46.00	-16.94	-12.49	3	Vertical	0	1.00	-
Mode 1	Pass	PK	771.08M	40.71	46.00	-5.29	-5.88	3	Vertical	0	1.00	-
Mode 1	Pass	QP	53.28M	34.16	40.00	-5.84	-23.88	3	Vertical	316	1.01	-
Mode 1	Pass	QP	62.98M	35.18	40.00	-4.82	-24.90	3	Vertical	9	2.03	-

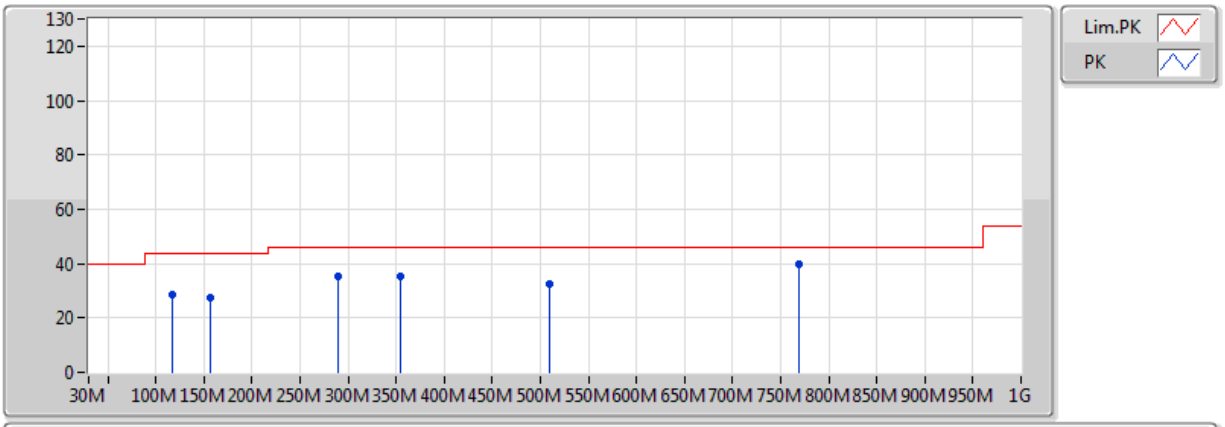
Radiated-below 1GHz_Mode 1



EUT : Y Ant : 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	94.02M	38.86	43.50	-4.64	-21.08	3	Vertical	0	1.00	-	59.94	14.20	1.56	36.84
PK	367.56M	33.97	46.00	-12.03	-13.59	3	Vertical	0	1.00	-	47.56	19.79	3.18	36.56
PK	400.54M	29.06	46.00	-16.94	-12.49	3	Vertical	0	1.00	-	41.55	20.80	3.32	36.61
PK	771.08M	40.71	46.00	-5.29	-5.88	3	Vertical	0	1.00	-	46.59	26.87	4.69	37.44
QP	53.28M	34.16	40.00	-5.84	-23.88	3	Vertical	316	1.01	-	58.04	12.04	1.20	37.13
QP	62.98M	35.18	40.00	-4.82	-24.90	3	Vertical	9	2.03	-	60.08	10.88	1.28	37.06

Radiated-below 1GHz_Mode 1



EUT : Y Ant : 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	117.3M	28.44	43.50	-15.06	-18.61	3	Horizontal	360	1.00	-	47.05	16.36	1.76	36.73
PK	156.1M	27.68	43.50	-15.82	-18.76	3	Horizontal	360	1.00	-	46.44	15.74	2.07	36.57
PK	289.96M	35.18	46.00	-10.82	-15.65	3	Horizontal	360	1.00	-	50.83	17.88	2.90	36.43
PK	353.98M	35.10	46.00	-10.90	-13.97	3	Horizontal	360	1.00	-	49.07	19.43	3.13	36.53
PK	509.18M	32.71	46.00	-13.29	-10.10	3	Horizontal	360	1.00	-	42.81	22.89	3.96	36.95
PK	769.14M	39.87	46.00	-6.13	-5.91	3	Horizontal	360	1.00	-	45.78	26.85	4.67	37.44

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 VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.81	54.00	-0.19	2.90	3	Horizontal	99	1.50	-
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	5.6442G	67.50	68.20	-0.70	3.39	3	Horizontal	251	1.87	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.60	54.00	-0.40	2.90	3	Horizontal	84	1.50	-
5180MHz	Pass	AV	5.186G	101.54	Inf	-Inf	2.94	3	Horizontal	84	1.50	-
5180MHz	Pass	PK	5.1476G	66.96	74.00	-7.04	2.90	3	Horizontal	84	1.50	-
5180MHz	Pass	PK	5.1858G	109.04	Inf	-Inf	2.94	3	Horizontal	84	1.50	-
5180MHz	Pass	AV	10.36G	46.91	54.00	-7.09	12.78	3	Horizontal	223	1.95	-
5180MHz	Pass	AV	15.54G	47.67	54.00	-6.33	14.65	3	Horizontal	201	1.83	-
5180MHz	Pass	PK	10.36G	56.25	74.00	-17.75	12.78	3	Horizontal	223	1.95	-
5180MHz	Pass	PK	15.54G	59.98	74.00	-14.02	14.65	3	Horizontal	201	1.83	-
5180MHz	Pass	AV	10.36G	44.46	54.00	-9.54	12.78	3	Vertical	43	2.76	-
5180MHz	Pass	AV	15.54G	46.36	54.00	-7.64	14.65	3	Vertical	265	1.92	-
5180MHz	Pass	PK	10.36G	55.89	74.00	-18.11	12.78	3	Vertical	43	2.76	-
5180MHz	Pass	PK	15.54G	58.22	74.00	-15.78	14.65	3	Vertical	265	1.92	-
5200MHz	Pass	AV	5.149995G	52.92	54.00	-1.08	2.90	3	Horizontal	84	1.50	-
5200MHz	Pass	AV	5.2056G	104.59	Inf	-Inf	2.96	3	Horizontal	84	1.50	-
5200MHz	Pass	PK	5.1496G	66.07	74.00	-7.93	2.90	3	Horizontal	84	1.50	-
5200MHz	Pass	PK	5.2028G	112.73	Inf	-Inf	2.95	3	Horizontal	84	1.50	-
5200MHz	Pass	AV	10.4G	46.64	54.00	-7.36	12.89	3	Horizontal	219	2.00	-
5200MHz	Pass	AV	15.6G	50.98	54.00	-3.02	14.43	3	Horizontal	199	1.79	-
5200MHz	Pass	PK	10.4G	56.34	74.00	-17.66	12.89	3	Horizontal	219	2.00	-
5200MHz	Pass	PK	15.6G	62.91	74.00	-11.09	14.43	3	Horizontal	199	1.79	-
5200MHz	Pass	AV	10.4G	45.06	54.00	-8.94	12.89	3	Vertical	53	3.01	-
5200MHz	Pass	AV	15.6G	48.67	54.00	-5.33	14.43	3	Vertical	205	1.08	-
5200MHz	Pass	PK	10.4G	55.57	74.00	-18.43	12.89	3	Vertical	53	3.01	-
5200MHz	Pass	PK	15.6G	61.15	74.00	-12.85	14.43	3	Vertical	205	1.08	-
5240MHz	Pass	AV	5.149995G	53.22	54.00	-0.78	2.90	3	Horizontal	86	1.50	-
5240MHz	Pass	AV	5.2346G	104.88	Inf	-Inf	2.99	3	Horizontal	86	1.50	-
5240MHz	Pass	AV	5.350005G	51.53	54.00	-2.47	3.11	3	Horizontal	86	1.50	-
5240MHz	Pass	PK	5.144G	66.42	74.00	-7.58	2.89	3	Horizontal	86	1.50	-
5240MHz	Pass	PK	5.2328G	113.37	Inf	-Inf	2.99	3	Horizontal	86	1.50	-
5240MHz	Pass	PK	5.350005G	64.67	74.00	-9.33	3.11	3	Horizontal	86	1.50	-
5240MHz	Pass	AV	10.48G	45.60	54.00	-8.40	13.10	3	Horizontal	204	3.01	-
5240MHz	Pass	AV	15.72G	52.67	54.00	-1.33	13.99	3	Horizontal	199	1.76	-
5240MHz	Pass	PK	10.48G	55.16	74.00	-18.84	13.10	3	Horizontal	204	3.01	-
5240MHz	Pass	PK	15.72G	64.49	74.00	-9.51	13.99	3	Horizontal	199	1.76	-
5240MHz	Pass	AV	10.48G	45.28	54.00	-8.72	13.10	3	Vertical	51	2.98	-
5240MHz	Pass	AV	15.72G	50.36	54.00	-3.64	13.99	3	Vertical	200	1.08	-
5240MHz	Pass	PK	10.48G	55.63	74.00	-18.37	13.10	3	Vertical	51	2.98	-
5240MHz	Pass	PK	15.72G	61.98	74.00	-12.02	13.99	3	Vertical	200	1.08	-
5745MHz	Pass	AV	5.751G	102.51	Inf	-Inf	3.48	3	Horizontal	275	3.66	-
5745MHz	Pass	AV	11.49G	47.43	54.00	-6.57	13.63	3	Horizontal	6	1.50	-
5745MHz	Pass	PK	5.6286G	60.46	68.20	-7.74	3.38	3	Horizontal	275	3.66	-
5745MHz	Pass	PK	5.7474G	110.87	Inf	-Inf	3.47	3	Horizontal	275	3.66	-
5745MHz	Pass	PK	5.9718G	59.20	68.20	-9.00	3.66	3	Horizontal	275	3.66	-
5745MHz	Pass	PK	11.49G	56.84	74.00	-17.16	13.63	3	Horizontal	6	1.50	-
5745MHz	Pass	AV	11.49G	46.35	54.00	-7.65	13.63	3	Vertical	51	3.24	-
5745MHz	Pass	PK	11.49G	56.13	74.00	-17.87	13.63	3	Vertical	51	3.24	-
5785MHz	Pass	AV	5.791G	101.58	Inf	-Inf	3.50	3	Horizontal	273	3.59	-

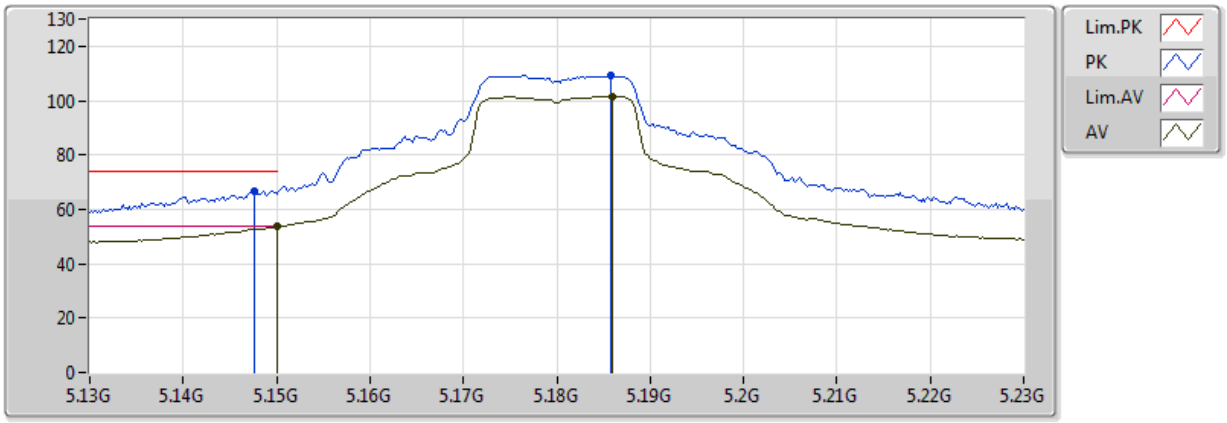
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	11.57G	47.41	54.00	-6.59	13.49	3	Horizontal	15	1.50	-
5785MHz	Pass	PK	5.5726G	59.02	68.20	-9.18	3.33	3	Horizontal	273	3.59	-
5785MHz	Pass	PK	5.7874G	109.66	Inf	-Inf	3.50	3	Horizontal	273	3.59	-
5785MHz	Pass	PK	5.9626G	58.37	68.20	-9.83	3.65	3	Horizontal	273	3.59	-
5785MHz	Pass	PK	11.57G	56.69	74.00	-17.31	13.49	3	Horizontal	15	1.50	-
5785MHz	Pass	AV	11.57G	45.51	54.00	-8.49	13.49	3	Vertical	53	3.69	-
5785MHz	Pass	PK	11.57G	55.81	74.00	-18.19	13.49	3	Vertical	53	3.69	-
5825MHz	Pass	AV	5.831G	102.75	Inf	-Inf	3.54	3	Horizontal	252	3.69	-
5825MHz	Pass	AV	11.65G	47.17	54.00	-6.83	13.35	3	Horizontal	5	1.50	-
5825MHz	Pass	PK	5.5814G	58.31	68.20	-9.89	3.34	3	Horizontal	252	3.69	-
5825MHz	Pass	PK	5.8274G	110.96	Inf	-Inf	3.53	3	Horizontal	252	3.69	-
5825MHz	Pass	PK	5.9594G	58.10	68.20	-10.10	3.65	3	Horizontal	252	3.69	-
5825MHz	Pass	PK	11.65G	57.46	74.00	-16.54	13.35	3	Horizontal	5	1.50	-
5825MHz	Pass	AV	11.65G	45.31	54.00	-8.69	13.35	3	Vertical	52	3.64	-
5825MHz	Pass	PK	11.65G	56.56	74.00	-17.44	13.35	3	Vertical	52	3.64	-
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.71	54.00	-0.29	2.90	3	Horizontal	101	3.63	-
5180MHz	Pass	AV	5.1854G	103.55	Inf	-Inf	2.94	3	Horizontal	101	3.63	-
5180MHz	Pass	AV	15.54G	45.16	54.00	-8.84	14.65	3	Horizontal	0	1.50	-
5180MHz	Pass	PK	5.149995G	67.80	74.00	-6.20	2.90	3	Horizontal	101	3.63	-
5180MHz	Pass	PK	5.1744G	111.05	Inf	-Inf	2.92	3	Horizontal	101	3.63	-
5180MHz	Pass	PK	15.54G	58.05	74.00	-15.95	14.65	3	Horizontal	0	1.50	-
5180MHz	Pass	AV	15.54G	44.89	54.00	-9.11	14.65	3	Vertical	360	1.50	-
5180MHz	Pass	PK	15.54G	57.02	74.00	-16.98	14.65	3	Vertical	360	1.50	-
5200MHz	Pass	AV	5.149995G	53.68	54.00	-0.32	2.90	3	Horizontal	251	3.62	-
5200MHz	Pass	AV	5.2052G	109.21	Inf	-Inf	2.96	3	Horizontal	251	3.62	-
5200MHz	Pass	AV	15.54G	45.26	54.00	-8.74	14.65	3	Horizontal	360	1.50	-
5200MHz	Pass	PK	5.149995G	66.08	74.00	-7.92	2.90	3	Horizontal	251	3.62	-
5200MHz	Pass	PK	5.1948G	116.07	Inf	-Inf	2.94	3	Horizontal	251	3.62	-
5200MHz	Pass	PK	15.54G	58.07	74.00	-15.93	14.65	3	Horizontal	360	1.50	-
5200MHz	Pass	AV	15.6G	45.10	54.00	-8.90	14.43	3	Vertical	0	1.50	-
5200MHz	Pass	PK	15.6G	57.63	74.00	-16.37	14.43	3	Vertical	0	1.50	-
5240MHz	Pass	AV	5.1494G	52.95	54.00	-1.05	2.90	3	Horizontal	250	1.82	-
5240MHz	Pass	AV	5.2454G	104.53	Inf	-Inf	3.00	3	Horizontal	250	1.82	-
5240MHz	Pass	AV	5.3516G	52.13	54.00	-1.87	3.11	3	Horizontal	250	1.82	-
5240MHz	Pass	AV	15.72G	44.66	54.00	-9.34	13.99	3	Horizontal	0	1.50	-
5240MHz	Pass	PK	5.1476G	69.33	74.00	-4.67	2.90	3	Horizontal	250	1.82	-
5240MHz	Pass	PK	5.2364G	113.89	Inf	-Inf	2.99	3	Horizontal	250	1.82	-
5240MHz	Pass	PK	5.351G	68.46	74.00	-5.54	3.11	3	Horizontal	250	1.82	-
5240MHz	Pass	PK	15.72G	57.47	74.00	-16.53	13.99	3	Horizontal	0	1.50	-
5240MHz	Pass	AV	15.72G	44.23	54.00	-9.77	13.99	3	Vertical	360	1.50	-
5240MHz	Pass	PK	15.72G	56.94	74.00	-17.06	13.99	3	Vertical	360	1.50	-
5745MHz	Pass	AV	5.739G	108.90	Inf	-Inf	3.47	3	Horizontal	92	1.00	-
5745MHz	Pass	AV	11.49G	46.64	54.00	-7.36	13.63	3	Horizontal	8	1.50	-
5745MHz	Pass	PK	5.5434G	59.00	68.20	-9.20	3.30	3	Horizontal	92	1.00	-
5745MHz	Pass	PK	5.751G	116.84	Inf	-Inf	3.48	3	Horizontal	92	1.00	-
5745MHz	Pass	PK	5.9742G	57.51	68.20	-10.69	3.66	3	Horizontal	92	1.00	-
5745MHz	Pass	PK	11.49G	57.13	74.00	-16.87	13.63	3	Horizontal	8	1.50	-
5745MHz	Pass	AV	11.49G	45.00	54.00	-9.00	13.63	3	Vertical	45	3.15	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	11.49G	56.06	74.00	-17.94	13.63	3	Vertical	45	3.15	-
5785MHz	Pass	AV	5.779G	109.79	Inf	-Inf	3.50	3	Horizontal	250	1.93	-
5785MHz	Pass	AV	11.57G	46.73	54.00	-7.27	13.49	3	Horizontal	9	1.66	-
5785MHz	Pass	PK	5.6314G	58.35	68.20	-9.85	3.38	3	Horizontal	250	1.93	-
5785MHz	Pass	PK	5.7814G	117.65	Inf	-Inf	3.50	3	Horizontal	250	1.93	-
5785MHz	Pass	PK	5.971G	57.94	68.20	-10.26	3.66	3	Horizontal	250	1.93	-
5785MHz	Pass	PK	11.57G	57.56	74.00	-16.44	13.49	3	Horizontal	9	1.66	-
5785MHz	Pass	AV	11.57G	44.79	54.00	-9.21	13.49	3	Vertical	46	3.17	-
5785MHz	Pass	PK	11.57G	56.59	74.00	-17.41	13.49	3	Vertical	46	3.17	-
5825MHz	Pass	AV	5.819G	108.96	Inf	-Inf	3.53	3	Horizontal	251	1.88	-
5825MHz	Pass	AV	11.65G	46.89	54.00	-7.11	13.35	3	Horizontal	10	1.50	-
5825MHz	Pass	PK	5.6006G	58.85	68.20	-9.35	3.35	3	Horizontal	251	1.88	-
5825MHz	Pass	PK	5.8214G	117.13	Inf	-Inf	3.53	3	Horizontal	251	1.88	-
5825MHz	Pass	PK	5.939G	58.38	68.20	-9.82	3.63	3	Horizontal	251	1.88	-
5825MHz	Pass	PK	11.65G	56.66	74.00	-17.34	13.35	3	Horizontal	10	1.50	-
5825MHz	Pass	AV	11.65G	45.14	54.00	-8.86	13.35	3	Vertical	45	3.20	-
5825MHz	Pass	PK	11.65G	55.81	74.00	-18.19	13.35	3	Vertical	45	3.20	-
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	53.81	54.00	-0.19	2.90	3	Horizontal	99	1.50	-
5190MHz	Pass	AV	5.1884G	97.13	Inf	-Inf	2.94	3	Horizontal	99	1.50	-
5190MHz	Pass	AV	15.57G	44.87	54.00	-9.13	14.54	3	Horizontal	0	1.50	-
5190MHz	Pass	PK	5.149995G	65.07	74.00	-8.93	2.90	3	Horizontal	99	1.50	-
5190MHz	Pass	PK	5.1748G	105.00	Inf	-Inf	2.92	3	Horizontal	99	1.50	-
5190MHz	Pass	PK	15.57G	58.49	74.00	-15.51	14.54	3	Horizontal	0	1.50	-
5190MHz	Pass	AV	15.57G	44.62	54.00	-9.38	14.54	3	Vertical	360	1.50	-
5190MHz	Pass	PK	15.57G	58.14	74.00	-15.86	14.54	3	Vertical	360	1.50	-
5230MHz	Pass	AV	5.149995G	53.15	54.00	-0.85	2.90	3	Horizontal	81	2.80	-
5230MHz	Pass	AV	5.2276G	104.33	Inf	-Inf	2.98	3	Horizontal	81	2.80	-
5230MHz	Pass	AV	10.46G	45.17	54.00	-8.83	13.05	3	Horizontal	219	1.86	-
5230MHz	Pass	AV	15.69G	44.70	54.00	-9.30	14.10	3	Horizontal	0	1.50	-
5230MHz	Pass	PK	5.1468G	63.64	74.00	-10.36	2.90	3	Horizontal	81	2.80	-
5230MHz	Pass	PK	5.226G	112.31	Inf	-Inf	2.98	3	Horizontal	81	2.80	-
5230MHz	Pass	PK	10.46G	56.10	74.00	-17.90	13.05	3	Horizontal	219	1.86	-
5230MHz	Pass	PK	15.69G	57.38	74.00	-16.62	14.10	3	Horizontal	0	1.50	-
5230MHz	Pass	AV	15.69G	44.60	54.00	-9.40	14.10	3	Vertical	360	1.50	-
5230MHz	Pass	PK	15.69G	57.05	74.00	-16.95	14.10	3	Vertical	360	1.50	-
5755MHz	Pass	AV	5.743G	103.15	Inf	-Inf	3.47	3	Horizontal	250	1.32	-
5755MHz	Pass	AV	11.51G	46.62	54.00	-7.38	13.59	3	Horizontal	7	1.68	-
5755MHz	Pass	PK	5.6494G	67.27	68.20	-0.93	3.39	3	Horizontal	250	1.32	-
5755MHz	Pass	PK	5.7406G	111.02	Inf	-Inf	3.47	3	Horizontal	250	1.32	-
5755MHz	Pass	PK	5.9662G	58.05	68.20	-10.15	3.65	3	Horizontal	250	1.32	-
5755MHz	Pass	PK	11.51G	57.19	74.00	-16.81	13.59	3	Horizontal	7	1.68	-
5755MHz	Pass	AV	11.51G	44.73	54.00	-9.27	13.59	3	Vertical	52	3.08	-
5755MHz	Pass	PK	11.51G	55.94	74.00	-18.06	13.59	3	Vertical	52	3.08	-
5795MHz	Pass	AV	5.8082G	104.35	Inf	-Inf	3.52	3	Horizontal	248	3.69	-
5795MHz	Pass	AV	11.59G	47.07	54.00	-6.93	13.46	3	Horizontal	8	1.60	-
5795MHz	Pass	PK	5.651G	60.61	68.94	-8.33	3.40	3	Horizontal	248	3.69	-
5795MHz	Pass	PK	5.807G	112.74	Inf	-Inf	3.52	3	Horizontal	248	3.69	-
5795MHz	Pass	PK	5.9534G	58.01	68.20	-10.19	3.64	3	Horizontal	248	3.69	-

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	11.59G	57.30	74.00	-16.70	13.46	3	Horizontal	8	1.60	-
5795MHz	Pass	AV	11.59G	44.85	54.00	-9.15	13.46	3	Vertical	49	3.10	-
5795MHz	Pass	PK	11.59G	56.41	74.00	-17.59	13.46	3	Vertical	49	3.10	-
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	53.27	54.00	-0.73	2.90	3	Horizontal	83	3.36	-
5210MHz	Pass	AV	5.228G	96.07	Inf	-Inf	2.98	3	Horizontal	83	3.36	-
5210MHz	Pass	AV	5.374G	45.87	54.00	-8.13	3.13	3	Horizontal	83	3.36	-
5210MHz	Pass	AV	15.63G	45.06	54.00	-8.94	14.32	3	Horizontal	0	1.50	-
5210MHz	Pass	PK	5.149995G	64.44	74.00	-9.56	2.90	3	Horizontal	83	3.36	-
5210MHz	Pass	PK	5.228G	103.83	Inf	-Inf	2.98	3	Horizontal	83	3.36	-
5210MHz	Pass	PK	5.433G	56.65	74.00	-17.35	3.20	3	Horizontal	83	3.36	-
5210MHz	Pass	PK	15.63G	57.88	74.00	-16.12	14.32	3	Horizontal	0	1.50	-
5210MHz	Pass	AV	15.63G	44.94	54.00	-9.06	14.32	3	Vertical	360	1.50	-
5210MHz	Pass	PK	15.63G	57.50	74.00	-16.50	14.32	3	Vertical	360	1.50	-
5775MHz	Pass	AV	5.757G	103.66	Inf	-Inf	3.48	3	Horizontal	251	1.87	-
5775MHz	Pass	AV	11.55G	46.50	54.00	-7.50	13.52	3	Horizontal	8	1.50	-
5775MHz	Pass	PK	5.6442G	67.50	68.20	-0.70	3.39	3	Horizontal	251	1.87	-
5775MHz	Pass	PK	5.7558G	111.16	Inf	-Inf	3.48	3	Horizontal	251	1.87	-
5775MHz	Pass	PK	5.979G	58.90	68.20	-9.30	3.66	3	Horizontal	251	1.87	-
5775MHz	Pass	PK	11.55G	56.63	74.00	-17.37	13.52	3	Horizontal	8	1.50	-
5775MHz	Pass	AV	11.55G	44.51	54.00	-9.49	13.52	3	Vertical	46	3.59	-
5775MHz	Pass	PK	11.55G	55.47	74.00	-18.53	13.52	3	Vertical	46	3.59	-

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

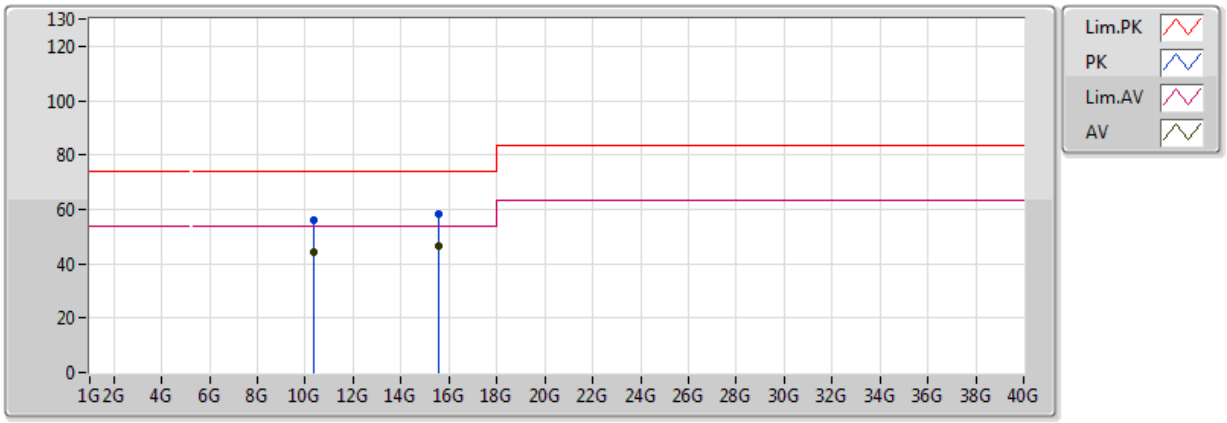


Eut : Y axis Ant : Z axis

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	53.60	54.00	-0.40	2.90	3	Horizontal	84	1.50	-	50.70	31.62	6.48	35.21
AV	5.186G	101.54	Inf	-Inf	2.94	3	Horizontal	84	1.50	-	98.60	31.65	6.49	35.20
PK	5.1476G	66.96	74.00	-7.04	2.90	3	Horizontal	84	1.50	-	64.07	31.62	6.48	35.21
PK	5.1858G	109.04	Inf	-Inf	2.94	3	Horizontal	84	1.50	-	106.10	31.65	6.49	35.20

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

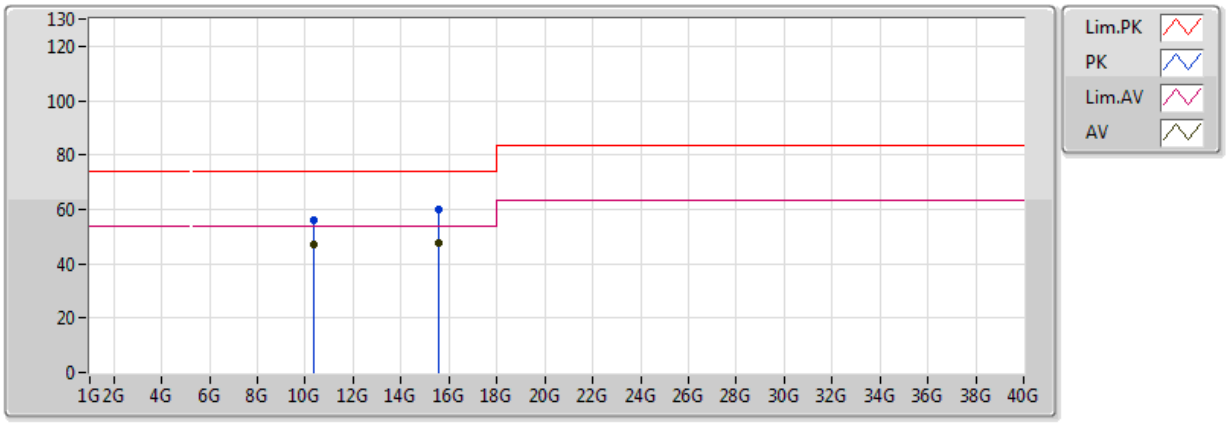


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.36G	44.46	54.00	-9.54	12.78	3	Vertical	43	2.76	-	31.68	39.40	9.19	35.81
AV	15.54G	46.36	54.00	-7.64	14.65	3	Vertical	265	1.92	-	31.71	38.86	11.22	35.43
PK	10.36G	55.89	74.00	-18.11	12.78	3	Vertical	43	2.76	-	43.11	39.40	9.19	35.81
PK	15.54G	58.22	74.00	-15.78	14.65	3	Vertical	265	1.92	-	43.57	38.86	11.22	35.43

802.11a_Nss1,(6Mbps)_1TX

5180MHz_TX

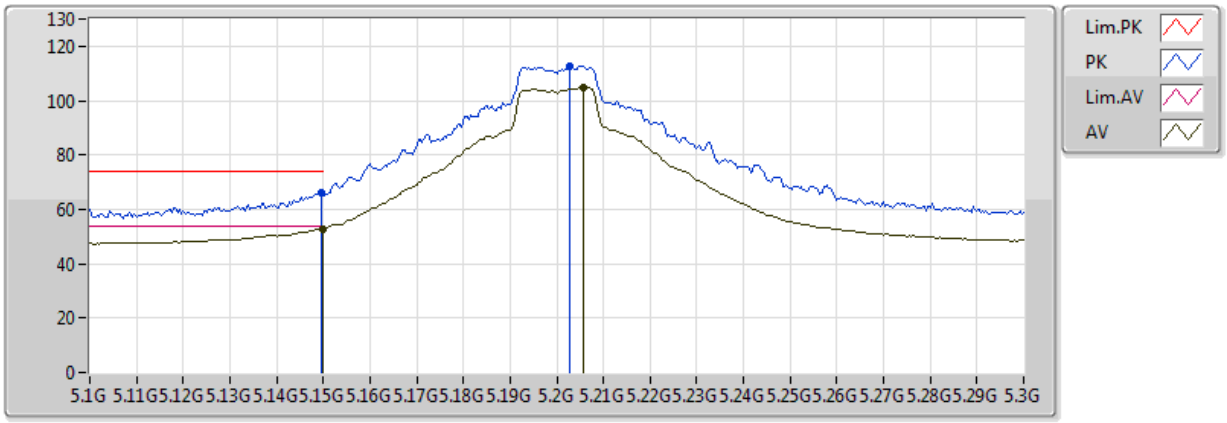


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.36G	46.91	54.00	-7.09	12.78	3	Horizontal	223	1.95	-	34.13	39.40	9.19	35.81
AV	15.54G	47.67	54.00	-6.33	14.65	3	Horizontal	201	1.83	-	33.02	38.86	11.22	35.43
PK	10.36G	56.25	74.00	-17.75	12.78	3	Horizontal	223	1.95	-	43.47	39.40	9.19	35.81
PK	15.54G	59.98	74.00	-14.02	14.65	3	Horizontal	201	1.83	-	45.33	38.86	11.22	35.43

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

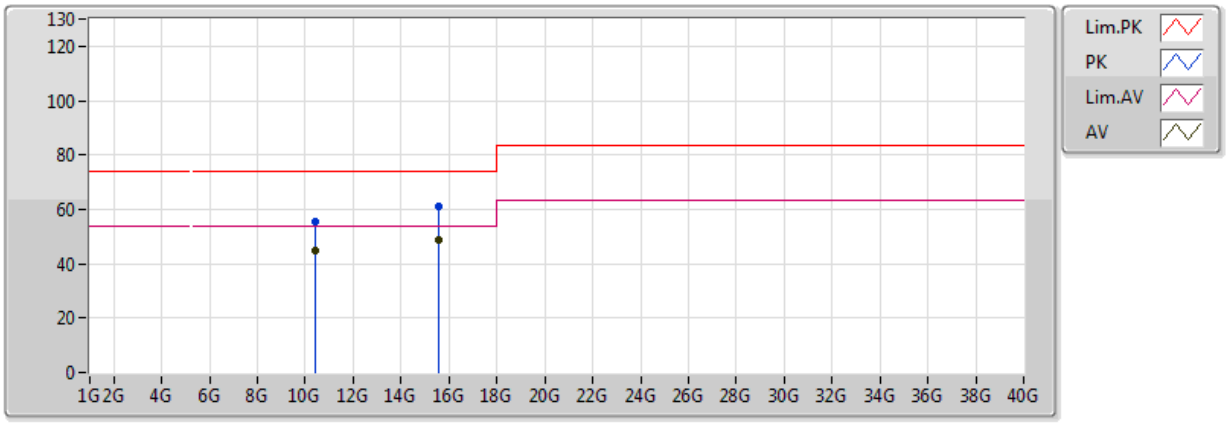


Eut : Y axis Ant : Z axis

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	52.92	54.00	-1.08	2.90	3	Horizontal	84	1.50	-	50.02	31.62	6.48	35.21
AV	5.2056G	104.59	Inf	-Inf	2.96	3	Horizontal	84	1.50	-	101.64	31.66	6.49	35.20
PK	5.1496G	66.07	74.00	-7.93	2.90	3	Horizontal	84	1.50	-	63.17	31.62	6.48	35.21
PK	5.2028G	112.73	Inf	-Inf	2.95	3	Horizontal	84	1.50	-	109.77	31.66	6.49	35.20

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

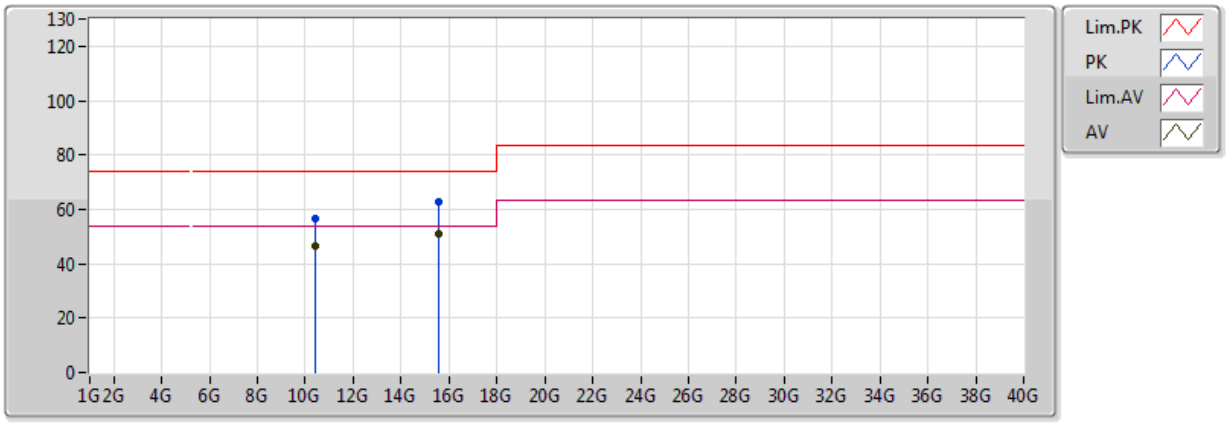


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.4G	45.06	54.00	-8.94	12.89	3	Vertical	53	3.01	-	32.17	39.46	9.21	35.78
AV	15.6G	48.67	54.00	-5.33	14.43	3	Vertical	205	1.08	-	34.24	38.66	11.27	35.50
PK	10.4G	55.57	74.00	-18.43	12.89	3	Vertical	53	3.01	-	42.68	39.46	9.21	35.78
PK	15.6G	61.15	74.00	-12.85	14.43	3	Vertical	205	1.08	-	46.72	38.66	11.27	35.50

802.11a_Nss1,(6Mbps)_1TX

5200MHz_TX

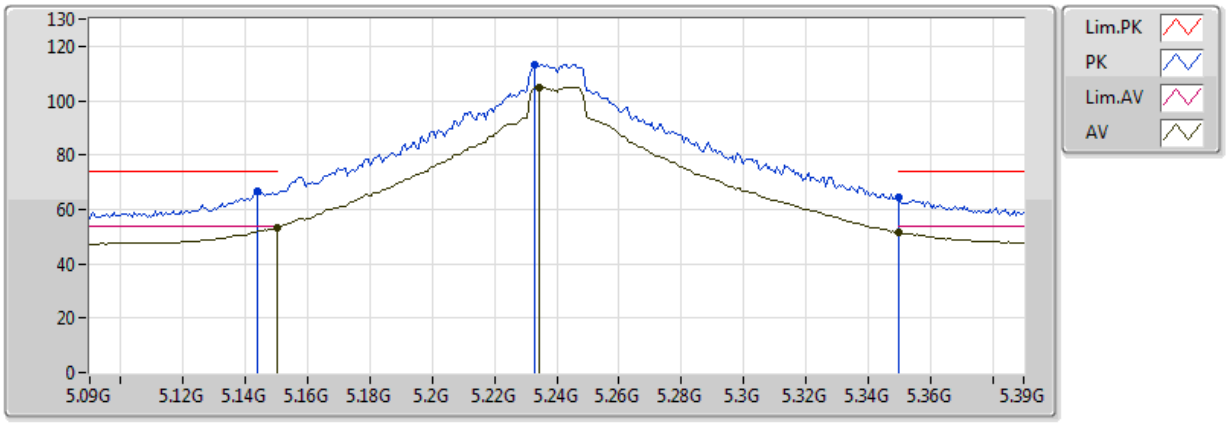


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.4G	46.64	54.00	-7.36	12.89	3	Horizontal	219	2.00	-	33.75	39.46	9.21	35.78
AV	15.6G	50.98	54.00	-3.02	14.43	3	Horizontal	199	1.79	-	36.55	38.66	11.27	35.50
PK	10.4G	56.34	74.00	-17.66	12.89	3	Horizontal	219	2.00	-	43.45	39.46	9.21	35.78
PK	15.6G	62.91	74.00	-11.09	14.43	3	Horizontal	199	1.79	-	48.48	38.66	11.27	35.50

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

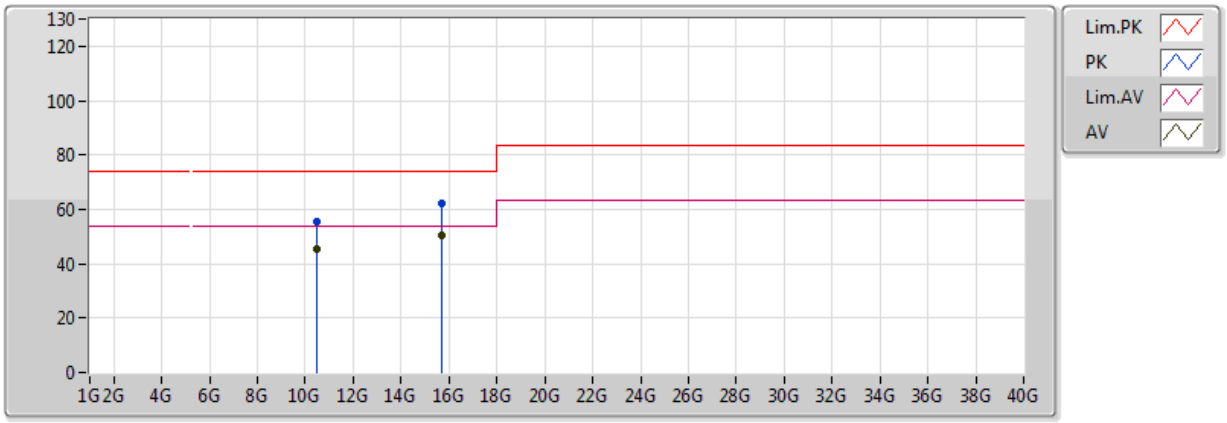


Eut : Y axis Ant : Z axis

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	53.22	54.00	-0.78	2.90	3	Horizontal	86	1.50	-	50.32	31.62	6.48	35.21
AV	5.2346G	104.88	Inf	-Inf	2.99	3	Horizontal	86	1.50	-	101.90	31.69	6.50	35.20
AV	5.350005G	51.53	54.00	-2.47	3.11	3	Horizontal	86	1.50	-	48.42	31.78	6.52	35.18
PK	5.144G	66.42	74.00	-7.58	2.89	3	Horizontal	86	1.50	-	63.52	31.62	6.48	35.21
PK	5.2328G	113.37	Inf	-Inf	2.99	3	Horizontal	86	1.50	-	110.38	31.69	6.50	35.20
PK	5.350005G	64.67	74.00	-9.33	3.11	3	Horizontal	86	1.50	-	61.56	31.78	6.52	35.18

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

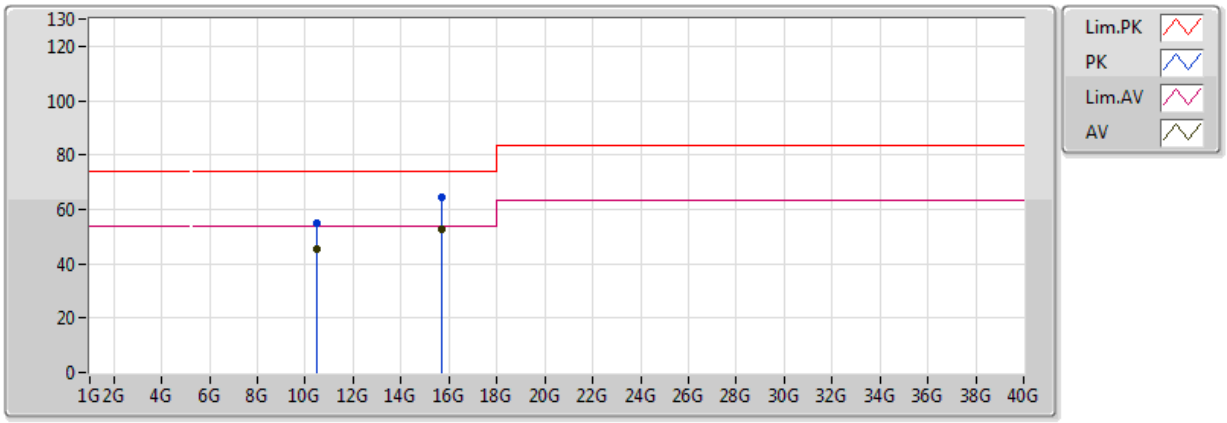


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.48G	45.28	54.00	-8.72	13.10	3	Vertical	51	2.98	-	32.18	39.57	9.25	35.73
AV	15.72G	50.36	54.00	-3.64	13.99	3	Vertical	200	1.08	-	36.37	38.25	11.37	35.63
PK	10.48G	55.63	74.00	-18.37	13.10	3	Vertical	51	2.98	-	42.53	39.57	9.25	35.73
PK	15.72G	61.98	74.00	-12.02	13.99	3	Vertical	200	1.08	-	47.99	38.25	11.37	35.63

802.11a_Nss1,(6Mbps)_1TX

5240MHz_TX

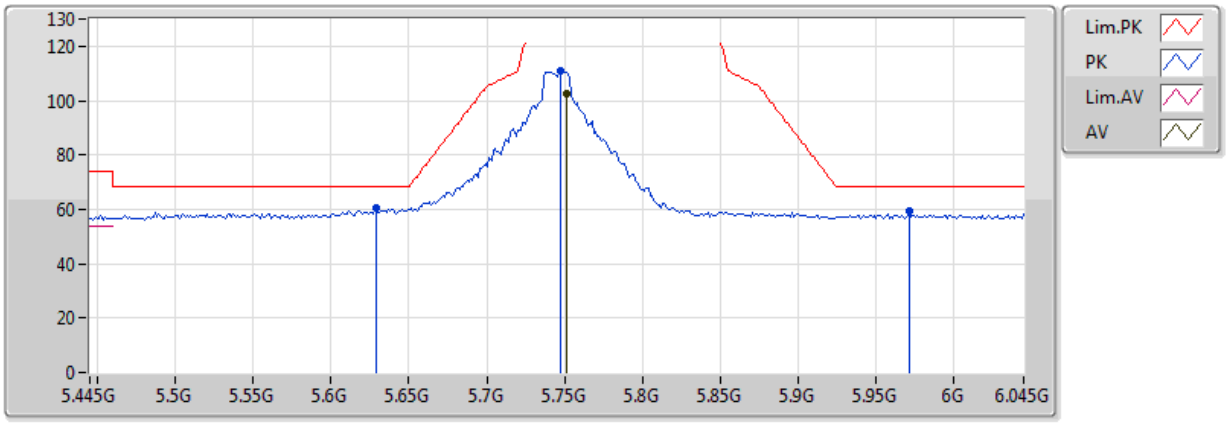


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.48G	45.60	54.00	-8.40	13.10	3	Horizontal	204	3.01	-	32.50	39.57	9.25	35.73
AV	15.72G	52.67	54.00	-1.33	13.99	3	Horizontal	199	1.76	-	38.68	38.25	11.37	35.63
PK	10.48G	55.16	74.00	-18.84	13.10	3	Horizontal	204	3.01	-	42.06	39.57	9.25	35.73
PK	15.72G	64.49	74.00	-9.51	13.99	3	Horizontal	199	1.76	-	50.50	38.25	11.37	35.63

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

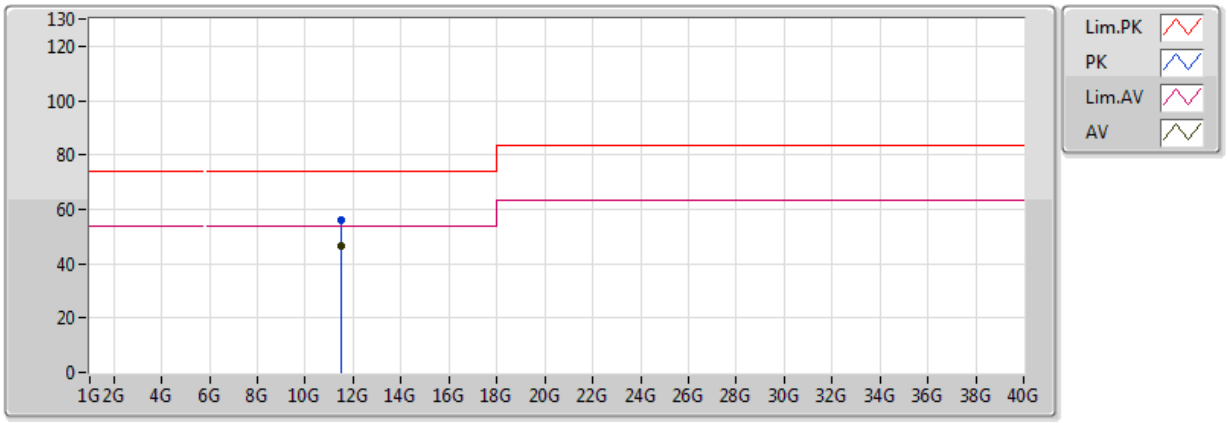


Eut : Y axis Ant : Z axis

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	5.751G	102.51	Inf	-Inf	3.48	3	Horizontal	275	3.66	-	99.03	32.20	6.46	35.19
PK	5.6286G	60.46	68.20	-7.74	3.38	3	Horizontal	275	3.66	-	57.08	32.05	6.50	35.18
PK	5.7474G	110.87	Inf	-Inf	3.47	3	Horizontal	275	3.66	-	107.40	32.20	6.46	35.18
PK	5.9718G	59.20	68.20	-9.00	3.66	3	Horizontal	275	3.66	-	55.54	32.47	6.39	35.20

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

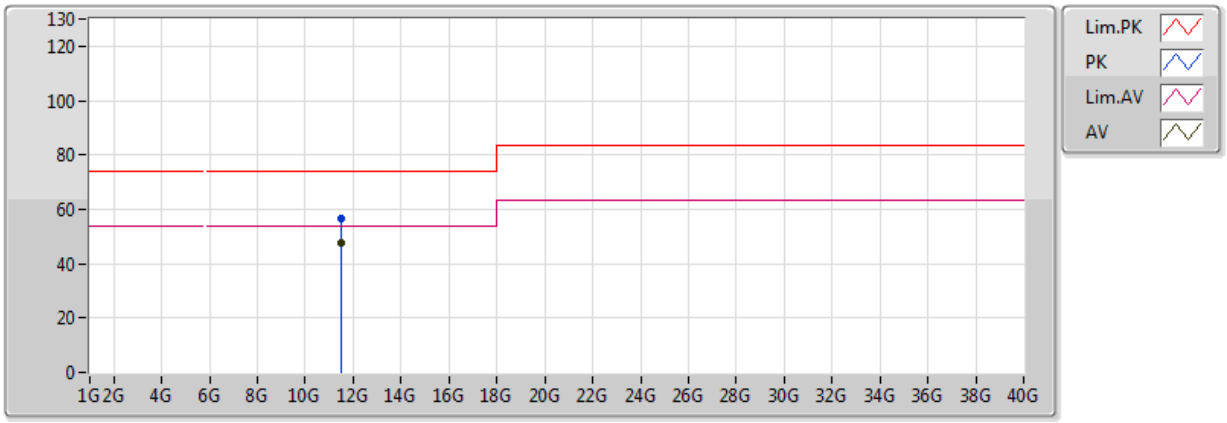


Eut : Y axis Ant : Z axis

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	46.35	54.00	-7.65	13.63	3	Vertical	51	3.24	-	32.72	39.57	9.54	35.48
PK	11.49G	56.13	74.00	-17.87	13.63	3	Vertical	51	3.24	-	42.50	39.57	9.54	35.48

802.11a_Nss1,(6Mbps)_1TX

5745MHz_TX

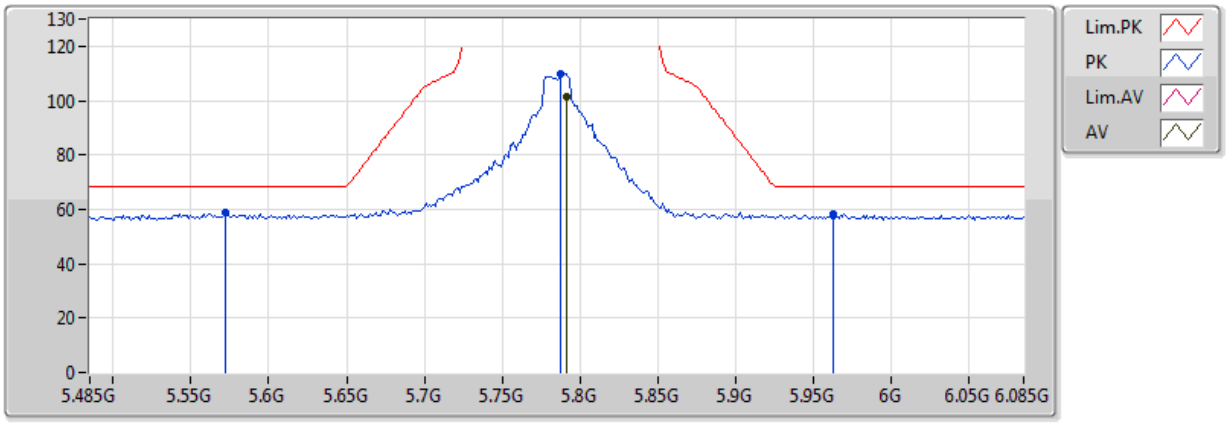


Eut : Y axis Ant : Z axis

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	47.43	54.00	-6.57	13.63	3	Horizontal	6	1.50	-	33.80	39.57	9.54	35.48
PK	11.49G	56.84	74.00	-17.16	13.63	3	Horizontal	6	1.50	-	43.21	39.57	9.54	35.48

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX



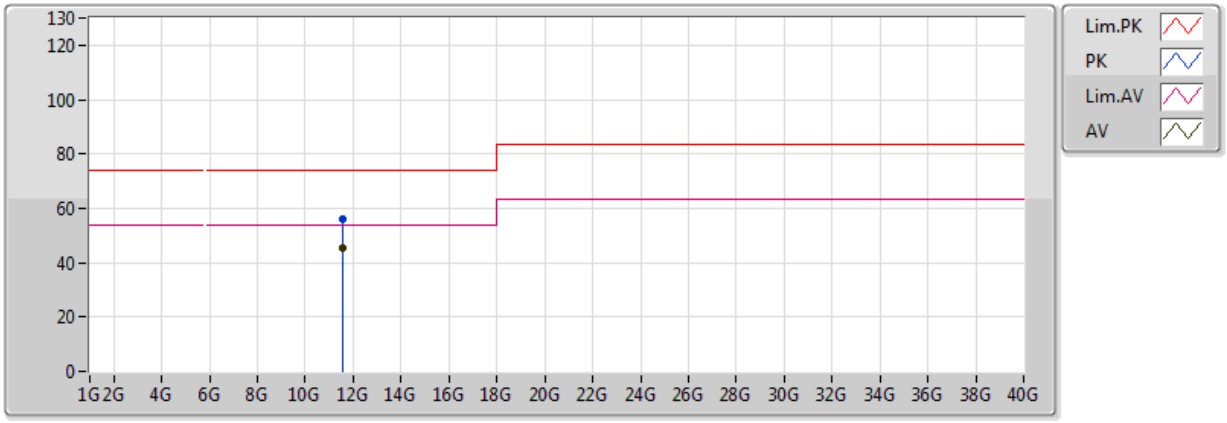
Eut : Y axis Ant : Z axis

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	5.791G	101.58	Inf	-Inf	3.50	3	Horizontal	273	3.59	-	98.07	32.25	6.44	35.19
PK	5.5726G	59.02	68.20	-9.18	3.33	3	Horizontal	273	3.59	-	55.69	31.99	6.52	35.18
PK	5.7874G	109.66	Inf	-Inf	3.50	3	Horizontal	273	3.59	-	106.16	32.24	6.45	35.19
PK	5.9626G	58.37	68.20	-9.83	3.65	3	Horizontal	273	3.59	-	54.72	32.46	6.39	35.20

F

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

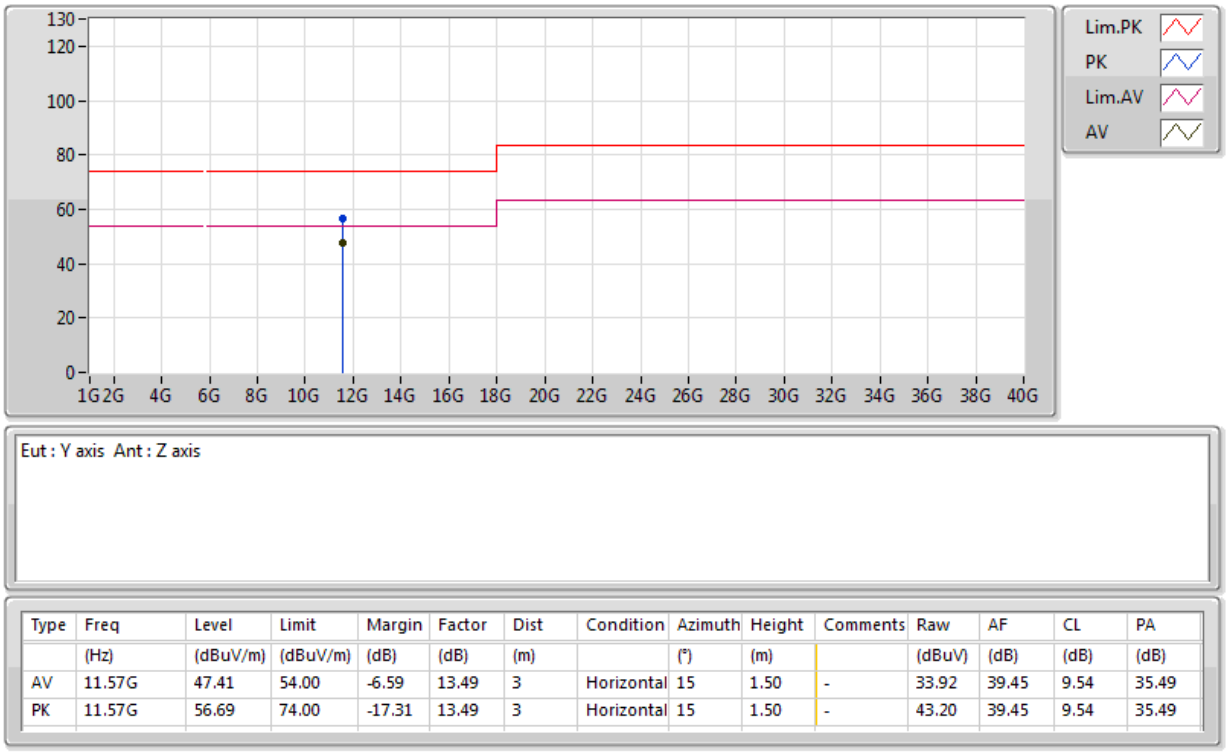


Eut : Y axis Ant : Z axis

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	45.51	54.00	-8.49	13.49	3	Vertical	53	3.69	-	32.02	39.45	9.54	35.49
PK	11.57G	55.81	74.00	-18.19	13.49	3	Vertical	53	3.69	-	42.32	39.45	9.54	35.49

802.11a_Nss1,(6Mbps)_1TX

5785MHz_TX

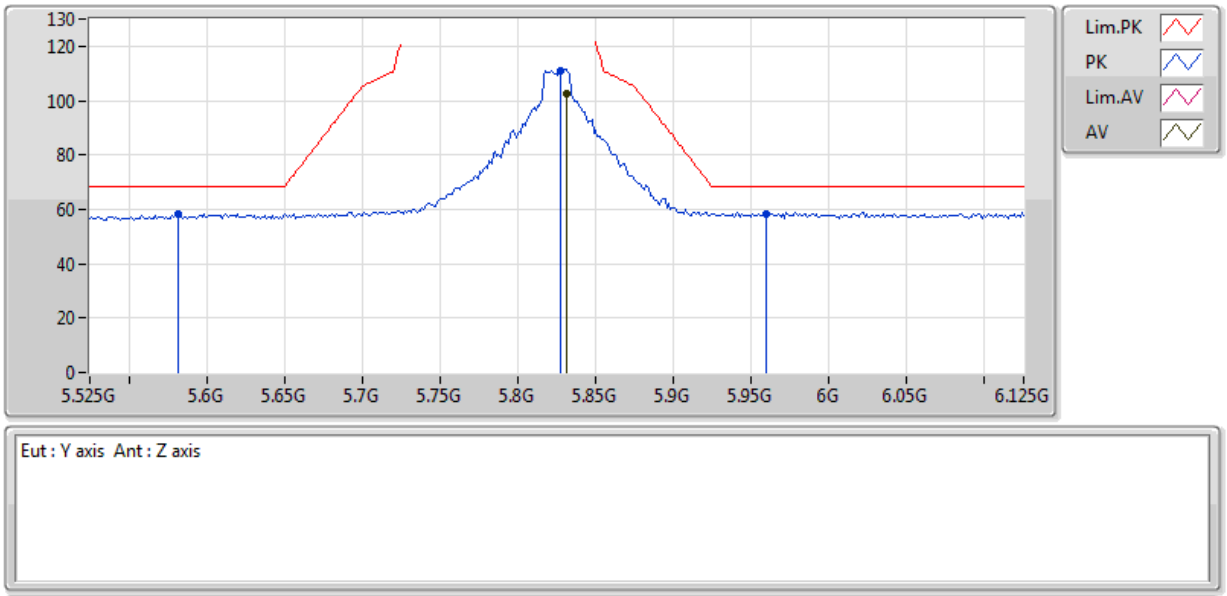


Eut : Y axis Ant : Z axis

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	47.41	54.00	-6.59	13.49	3	Horizontal	15	1.50	-	33.92	39.45	9.54	35.49
PK	11.57G	56.69	74.00	-17.31	13.49	3	Horizontal	15	1.50	-	43.20	39.45	9.54	35.49

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

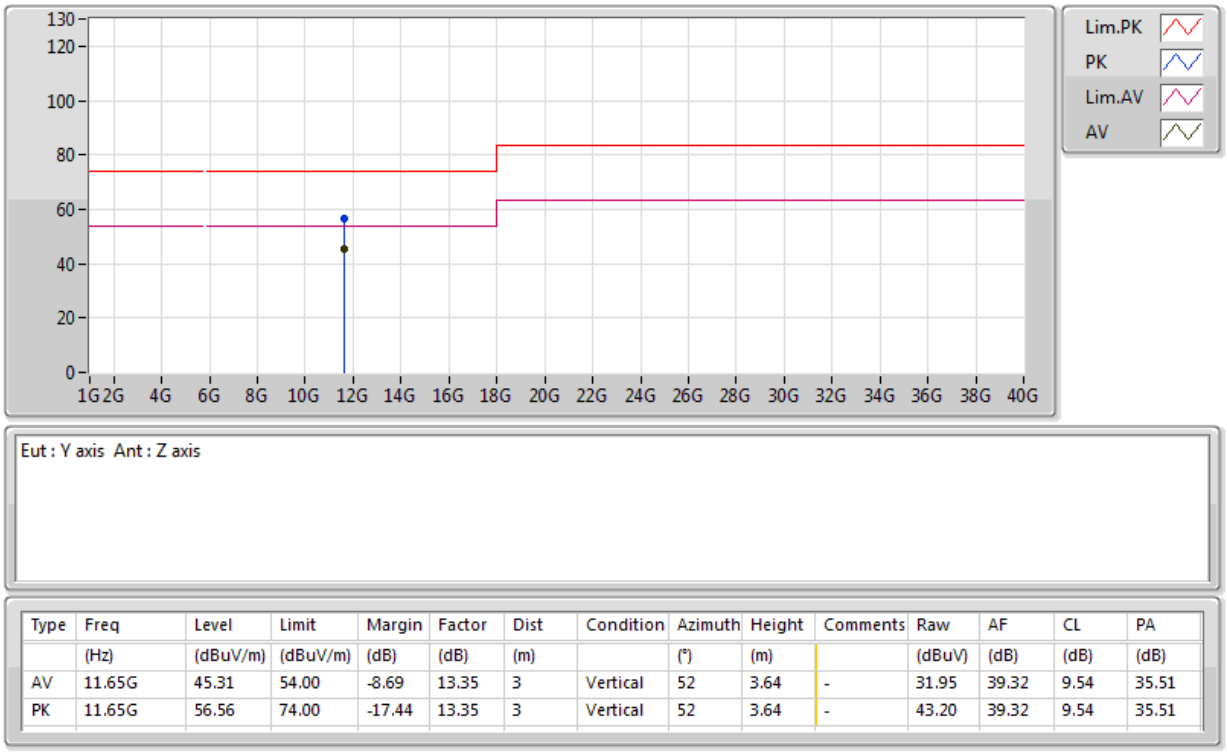


Eut : Y axis Ant : Z axis

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	5.831G	102.75	Inf	-Inf	3.54	3	Horizontal	252	3.69	-	99.22	32.30	6.43	35.19
PK	5.5814G	58.31	68.20	-9.89	3.34	3	Horizontal	252	3.69	-	54.97	32.00	6.52	35.18
PK	5.8274G	110.96	Inf	-Inf	3.53	3	Horizontal	252	3.69	-	107.43	32.29	6.43	35.19
PK	5.9594G	58.10	68.20	-10.10	3.65	3	Horizontal	252	3.69	-	54.45	32.45	6.39	35.20

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

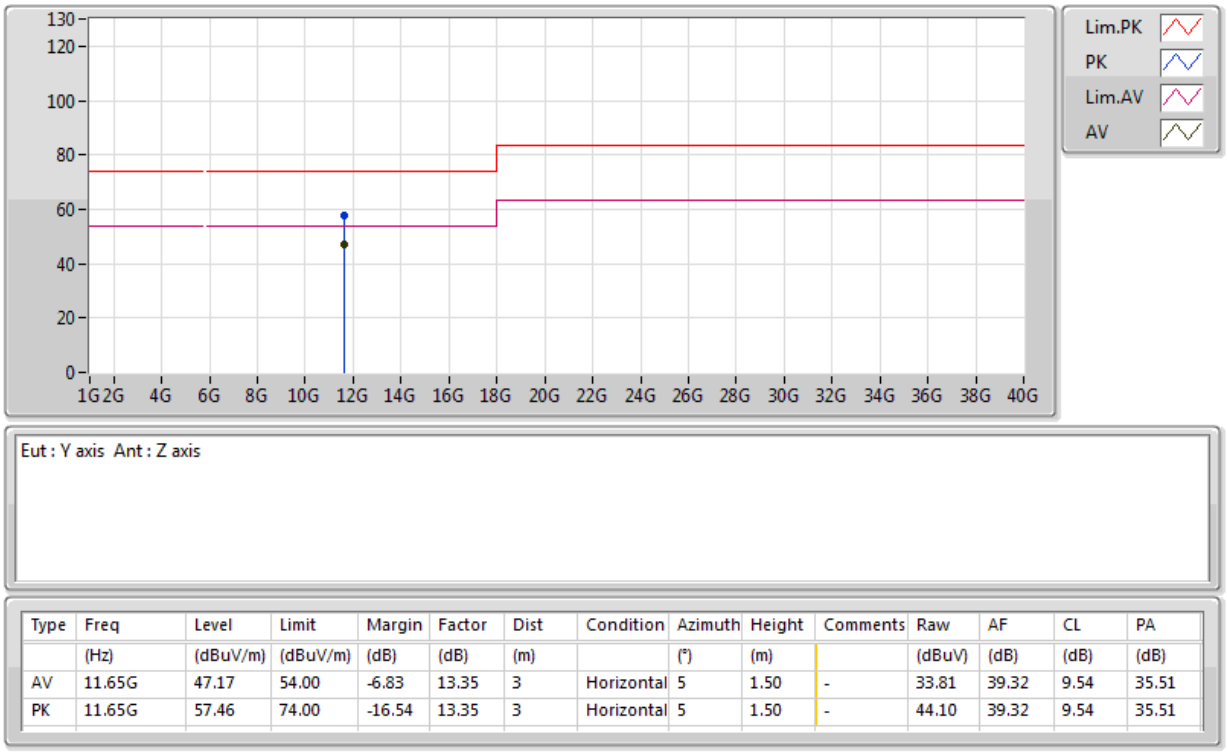


Eut : Y axis Ant : Z axis

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	45.31	54.00	-8.69	13.35	3	Vertical	52	3.64	-	31.95	39.32	9.54	35.51
PK	11.65G	56.56	74.00	-17.44	13.35	3	Vertical	52	3.64	-	43.20	39.32	9.54	35.51

802.11a_Nss1,(6Mbps)_1TX

5825MHz_TX

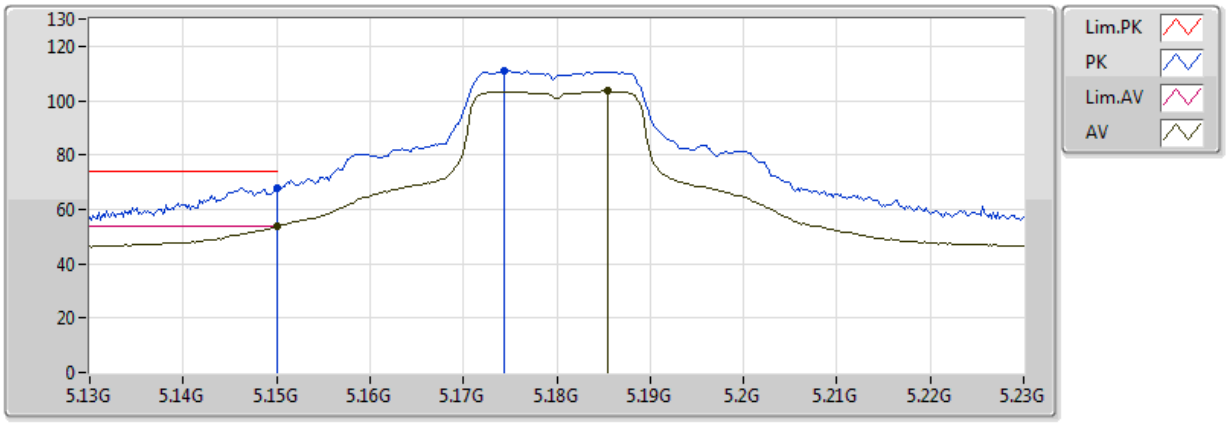


Eut : Y axis Ant : Z axis

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	47.17	54.00	-6.83	13.35	3	Horizontal	5	1.50	-	33.81	39.32	9.54	35.51
PK	11.65G	57.46	74.00	-16.54	13.35	3	Horizontal	5	1.50	-	44.10	39.32	9.54	35.51

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

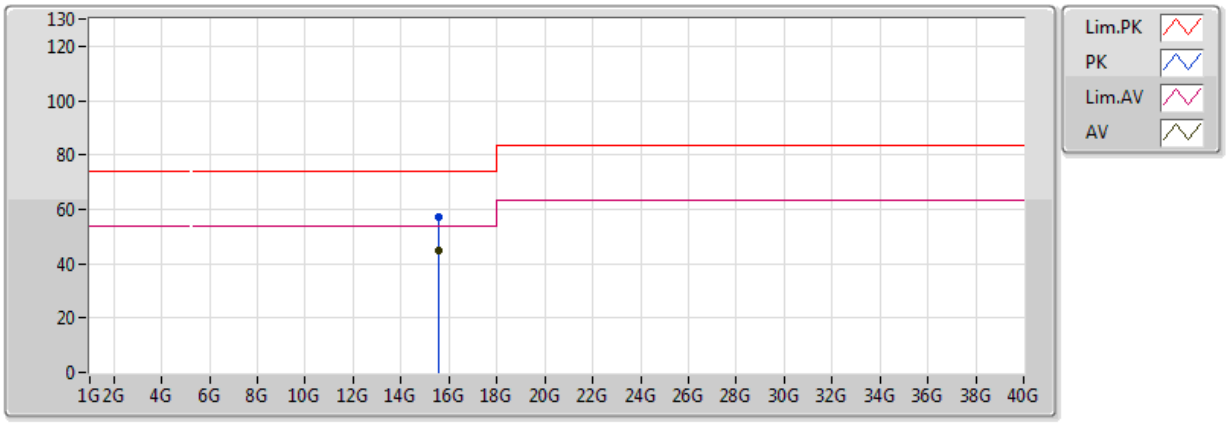


Eut : Y axis Ant : Z axis

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	53.71	54.00	-0.29	2.90	3	Horizontal	101	3.63	-	50.81	31.62	6.48	35.21
AV	5.1854G	103.55	Inf	-Inf	2.94	3	Horizontal	101	3.63	-	100.61	31.65	6.49	35.20
PK	5.149995G	67.80	74.00	-6.20	2.90	3	Horizontal	101	3.63	-	64.90	31.62	6.48	35.21
PK	5.1744G	111.05	Inf	-Inf	2.92	3	Horizontal	101	3.63	-	108.12	31.64	6.49	35.20

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

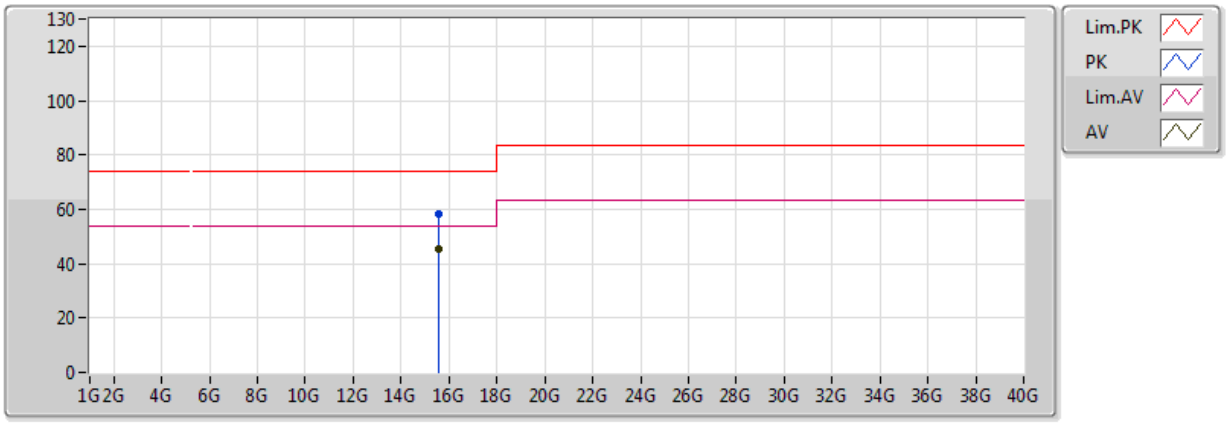


Eut : Y axis Ant : Z axis

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	44.89	54.00	-9.11	14.65	3	Vertical	360	1.50	-	30.24	38.86	11.22	35.43
PK	15.54G	57.02	74.00	-16.98	14.65	3	Vertical	360	1.50	-	42.37	38.86	11.22	35.43

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

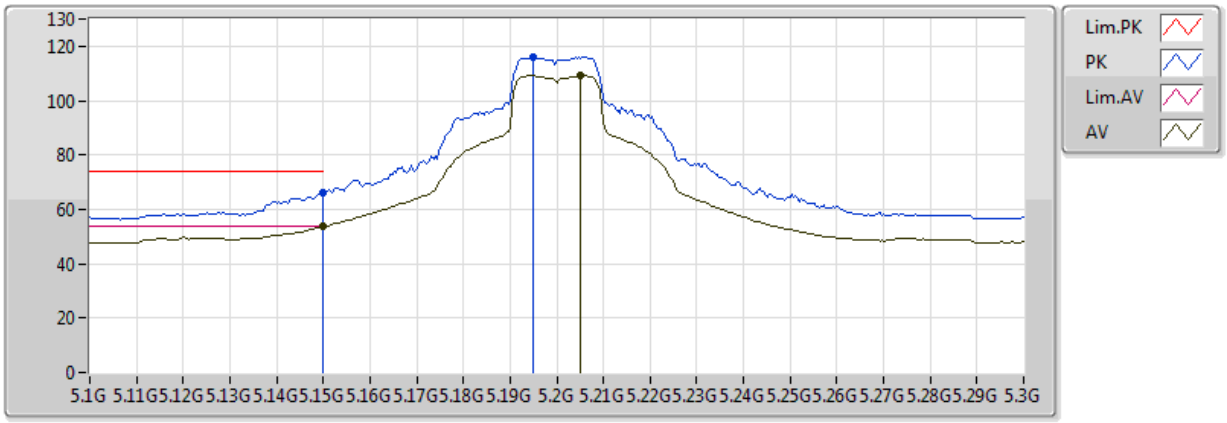


Eut : Y axis Ant : Z axis

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	45.16	54.00	-8.84	14.65	3	Horizontal	0	1.50	-	30.51	38.86	11.22	35.43
PK	15.54G	58.05	74.00	-15.95	14.65	3	Horizontal	0	1.50	-	43.40	38.86	11.22	35.43

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

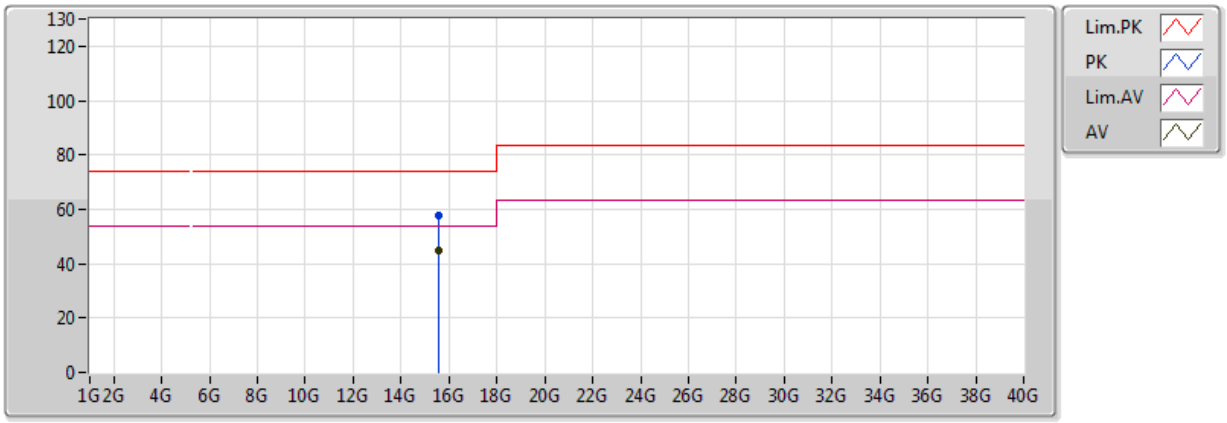


Eut : Y axis Ant : Z axis

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	53.68	54.00	-0.32	2.90	3	Horizontal	251	3.62	-	50.78	31.62	6.48	35.21
AV	5.2052G	109.21	Inf	-Inf	2.96	3	Horizontal	251	3.62	-	106.25	31.66	6.49	35.20
PK	5.149995G	66.08	74.00	-7.92	2.90	3	Horizontal	251	3.62	-	63.18	31.62	6.48	35.21
PK	5.1948G	116.07	Inf	-Inf	2.94	3	Horizontal	251	3.62	-	113.13	31.66	6.49	35.20

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

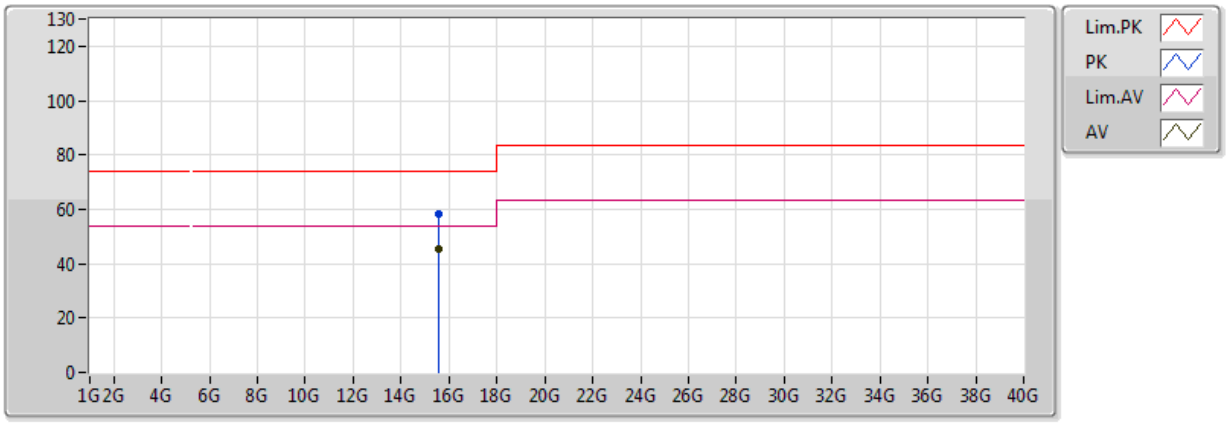


Eut : Y axis Ant : Z axis

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	45.10	54.00	-8.90	14.43	3	Vertical	0	1.50	-	30.67	38.66	11.27	35.50
PK	15.6G	57.63	74.00	-16.37	14.43	3	Vertical	0	1.50	-	43.20	38.66	11.27	35.50

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

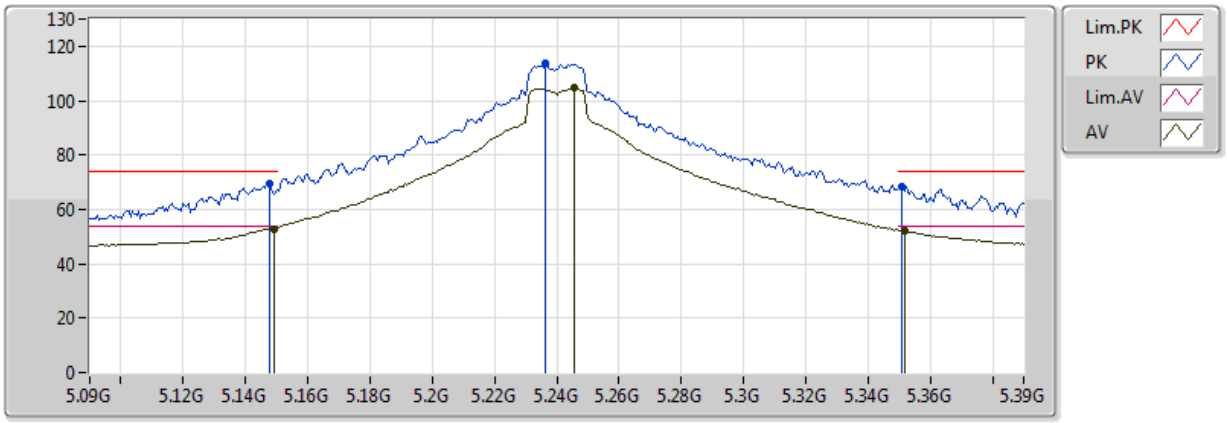


Eut : Y axis Ant : Z axis

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	45.26	54.00	-8.74	14.65	3	Horizontal	360	1.50	-	30.61	38.86	11.22	35.43
PK	15.54G	58.07	74.00	-15.93	14.65	3	Horizontal	360	1.50	-	43.42	38.86	11.22	35.43

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

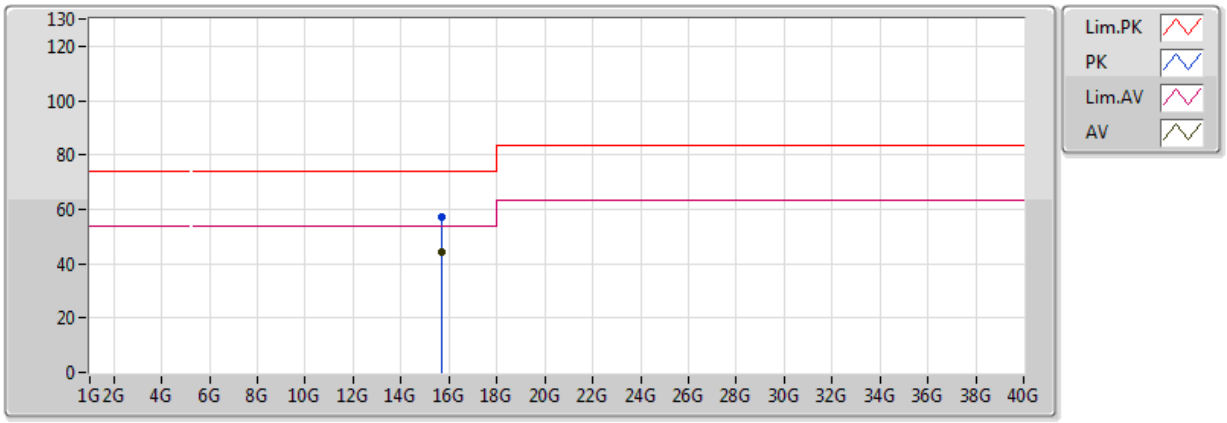


Eut : Y axis Ant : Z axis

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	104.53	Inf	-Inf	3.00	3	Horizontal	250	1.82	-	101.53	31.70	6.50	35.20
AV	5.1494G	52.95	54.00	-1.05	2.90	3	Horizontal	250	1.82	-	50.05	31.62	6.48	35.21
AV	5.3516G	52.13	54.00	-1.87	3.11	3	Horizontal	250	1.82	-	49.02	31.78	6.52	35.18
PK	5.2364G	113.89	Inf	-Inf	2.99	3	Horizontal	250	1.82	-	110.90	31.69	6.50	35.20
PK	5.1476G	69.33	74.00	-4.67	2.90	3	Horizontal	250	1.82	-	66.43	31.62	6.48	35.21
PK	5.351G	68.46	74.00	-5.54	3.11	3	Horizontal	250	1.82	-	65.35	31.78	6.52	35.18

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

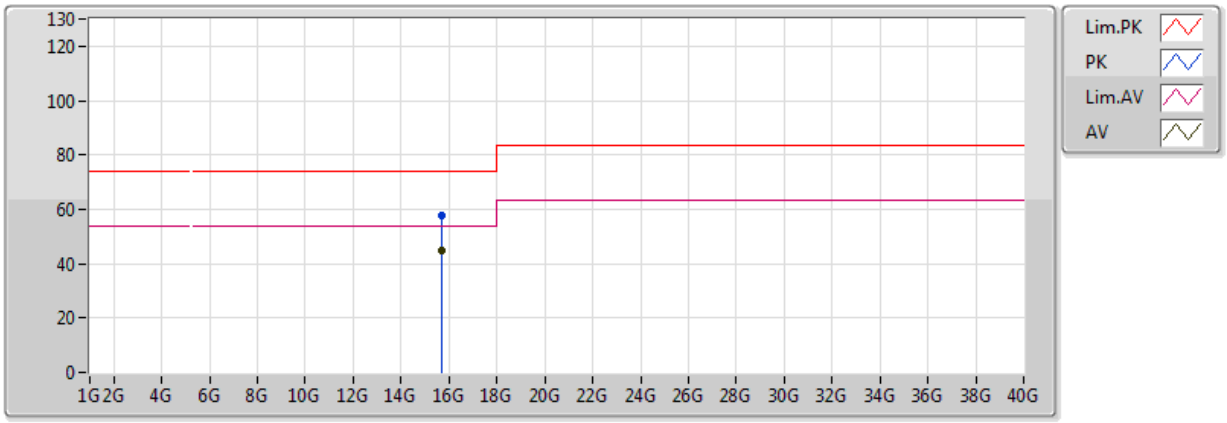


Eut : Y axis Ant : Z axis

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	44.23	54.00	-9.77	13.99	3	Vertical	360	1.50	-	30.24	38.25	11.37	35.63
PK	15.72G	56.94	74.00	-17.06	13.99	3	Vertical	360	1.50	-	42.95	38.25	11.37	35.63

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

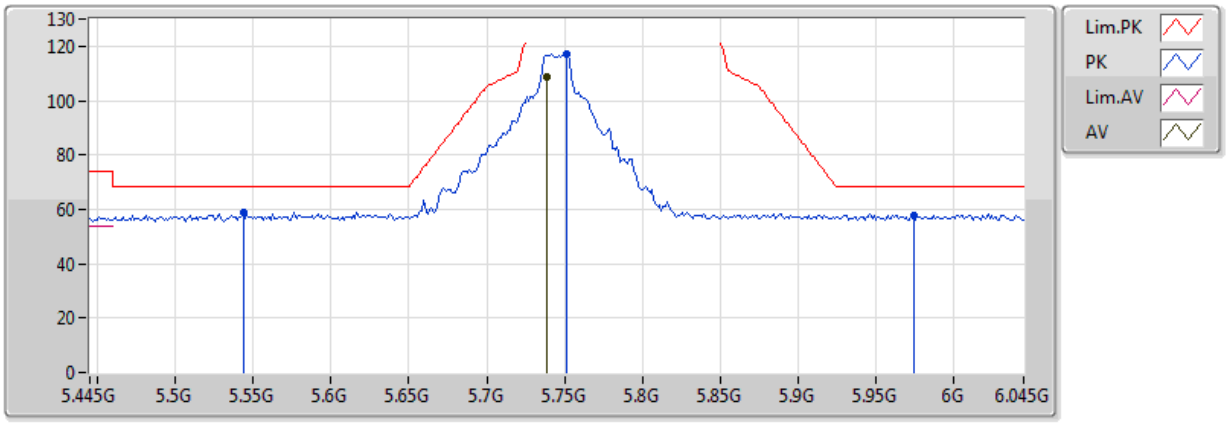


Eut : Y axis Ant : Z axis

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	44.66	54.00	-9.34	13.99	3	Horizontal	0	1.50	-	30.67	38.25	11.37	35.63
PK	15.72G	57.47	74.00	-16.53	13.99	3	Horizontal	0	1.50	-	43.48	38.25	11.37	35.63

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

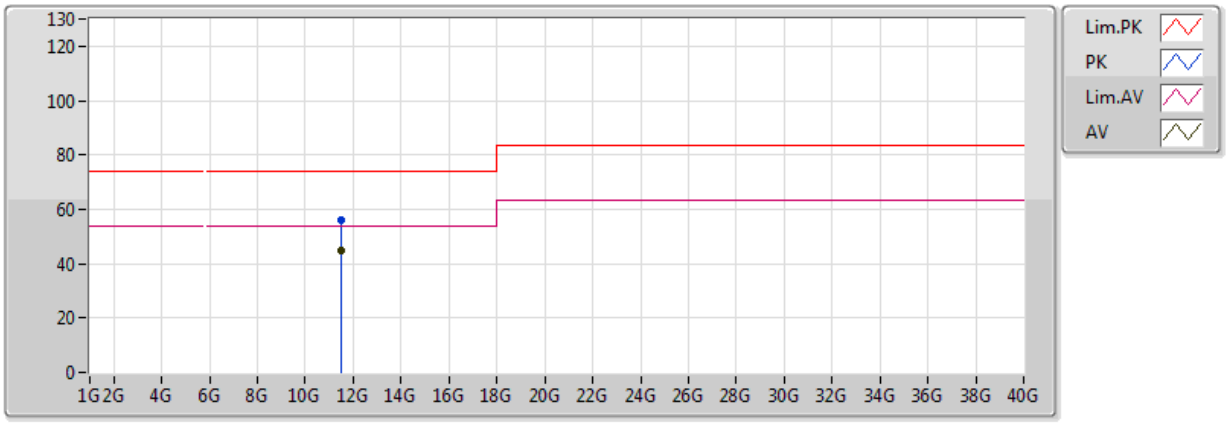


Eut : Y axis Ant : Z axis

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	108.90	Inf	-Inf	3.47	3	Horizontal	92	1.00	-	105.43	32.19	6.46	35.18
PK	5.5434G	59.00	68.20	-9.20	3.30	3	Horizontal	92	1.00	-	55.70	31.95	6.53	35.17
PK	5.751G	116.84	Inf	-Inf	3.48	3	Horizontal	92	1.00	-	113.36	32.20	6.46	35.19
PK	5.9742G	57.51	68.20	-10.69	3.66	3	Horizontal	92	1.00	-	53.85	32.47	6.39	35.20

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

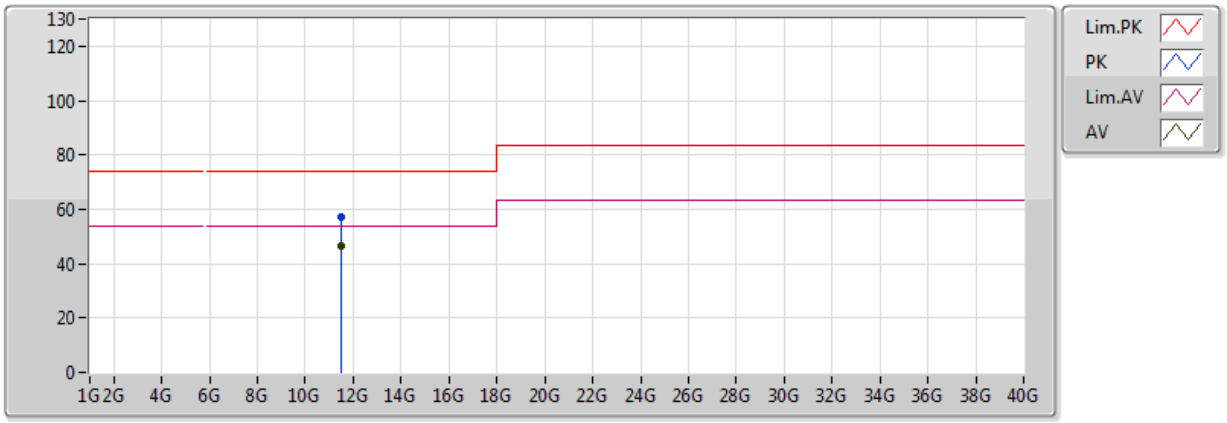


Eut : Y axis Ant : Z axis

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	45.00	54.00	-9.00	13.63	3	Vertical	45	3.15	-	31.38	39.57	9.54	35.48
PK	11.49G	56.06	74.00	-17.94	13.63	3	Vertical	45	3.15	-	42.43	39.57	9.54	35.48

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

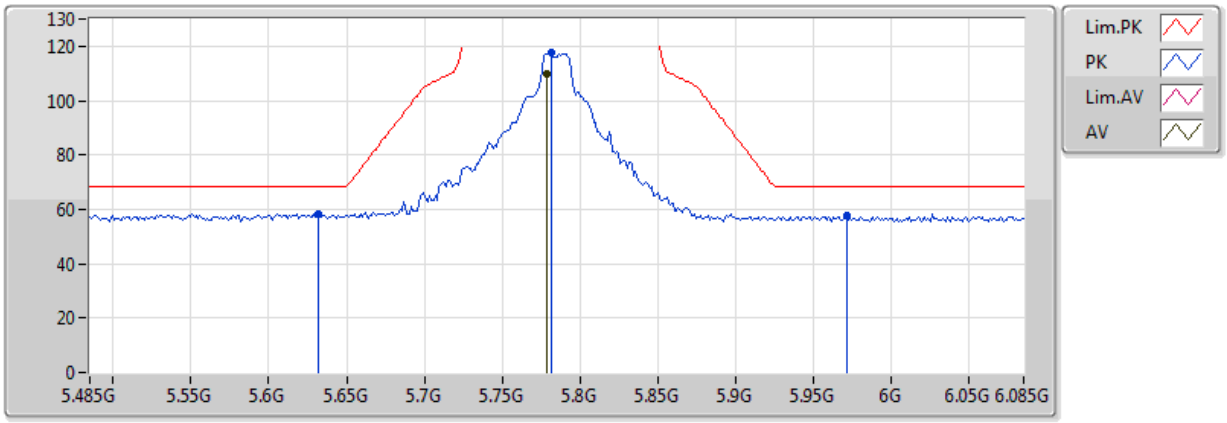


Eut : Y axis Ant : Z axis

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	46.64	54.00	-7.36	13.63	3	Horizontal	8	1.50	-	33.01	39.57	9.54	35.48
PK	11.49G	57.13	74.00	-16.87	13.63	3	Horizontal	8	1.50	-	43.50	39.57	9.54	35.48

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

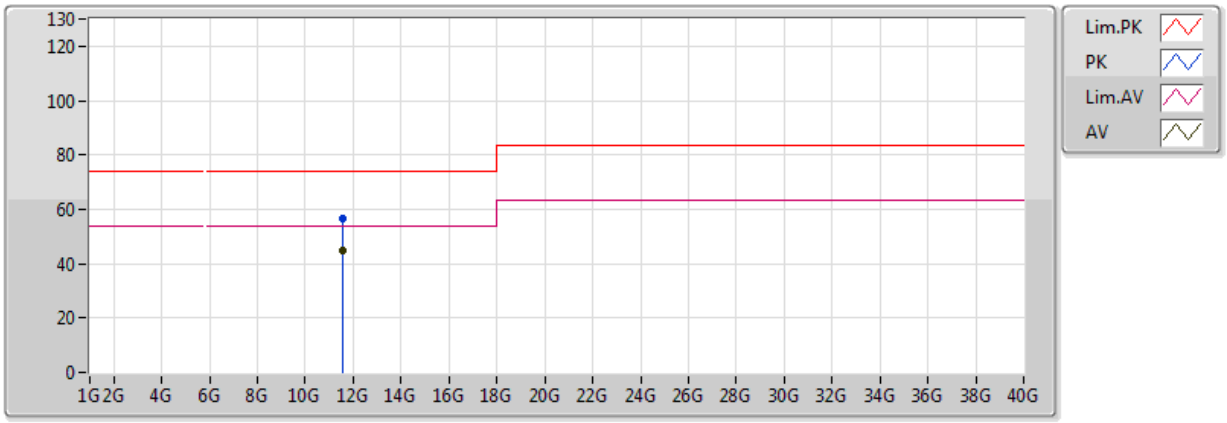


Eut : Y axis Ant : Z axis

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	5.779G	109.79	Inf	-Inf	3.50	3	Horizontal	250	1.93	-	106.29	32.23	6.45	35.19
PK	5.6314G	58.35	68.20	-9.85	3.38	3	Horizontal	250	1.93	-	54.97	32.06	6.50	35.18
PK	5.7814G	117.65	Inf	-Inf	3.50	3	Horizontal	250	1.93	-	114.15	32.24	6.45	35.19
PK	5.971G	57.94	68.20	-10.26	3.66	3	Horizontal	250	1.93	-	54.28	32.47	6.39	35.20

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

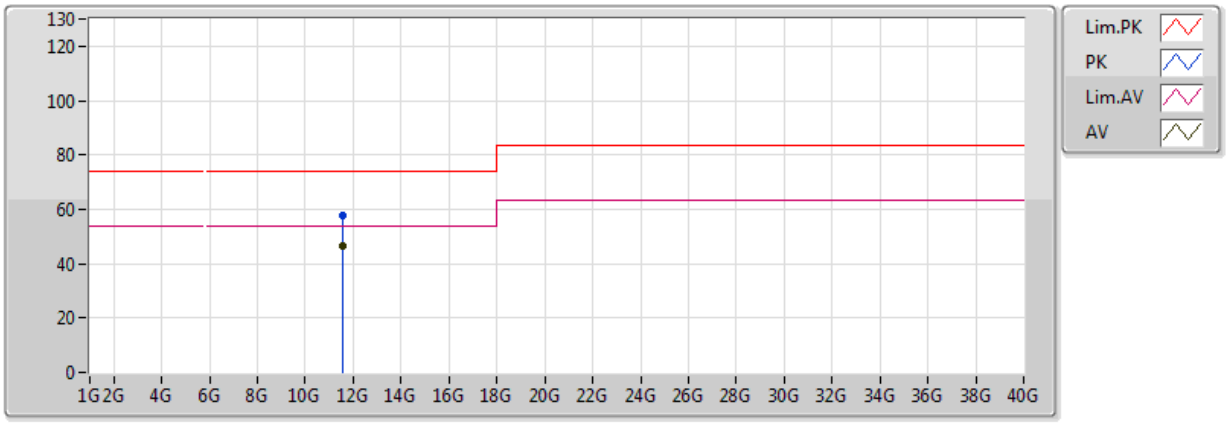


Eut : Y axis Ant : Z axis

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	44.79	54.00	-9.21	13.49	3	Vertical	46	3.17	-	31.30	39.45	9.54	35.49
PK	11.57G	56.59	74.00	-17.41	13.49	3	Vertical	46	3.17	-	43.10	39.45	9.54	35.49

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

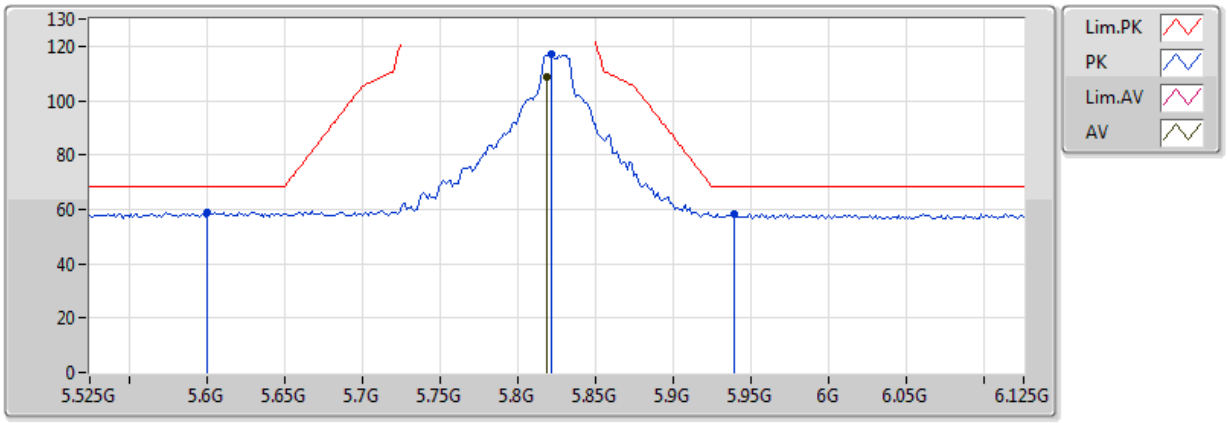


Eut : Y axis Ant : Z axis

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	46.73	54.00	-7.27	13.49	3	Horizontal	9	1.66	-	33.24	39.45	9.54	35.49
PK	11.57G	57.56	74.00	-16.44	13.49	3	Horizontal	9	1.66	-	44.07	39.45	9.54	35.49

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

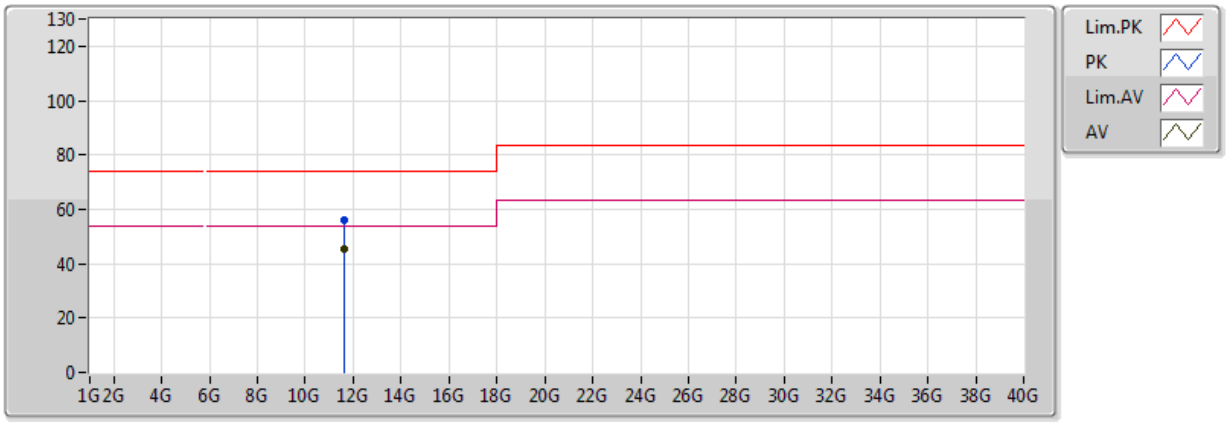


Eut : Y axis Ant : Z axis

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	5.819G	108.96	Inf	-Inf	3.53	3	Horizontal	251	1.88	-	105.43	32.28	6.43	35.19
PK	5.6006G	58.85	68.20	-9.35	3.35	3	Horizontal	251	1.88	-	55.50	32.02	6.51	35.18
PK	5.8214G	117.13	Inf	-Inf	3.53	3	Horizontal	251	1.88	-	113.60	32.29	6.43	35.19
PK	5.939G	58.38	68.20	-9.82	3.63	3	Horizontal	251	1.88	-	54.75	32.43	6.40	35.19

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

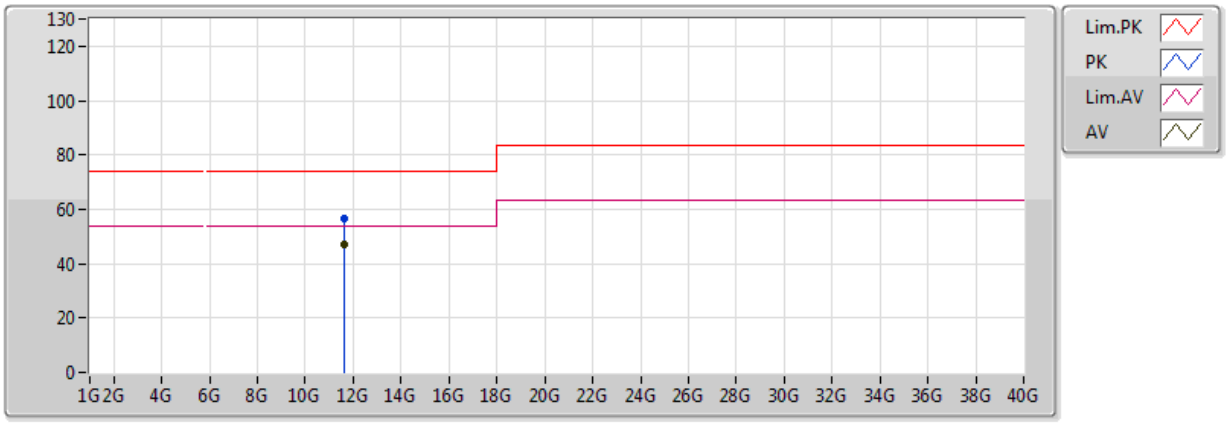


Eut : Y axis Ant : Z axis

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	45.14	54.00	-8.86	13.35	3	Vertical	45	3.20	-	31.78	39.32	9.54	35.51
PK	11.65G	55.81	74.00	-18.19	13.35	3	Vertical	45	3.20	-	42.45	39.32	9.54	35.51

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

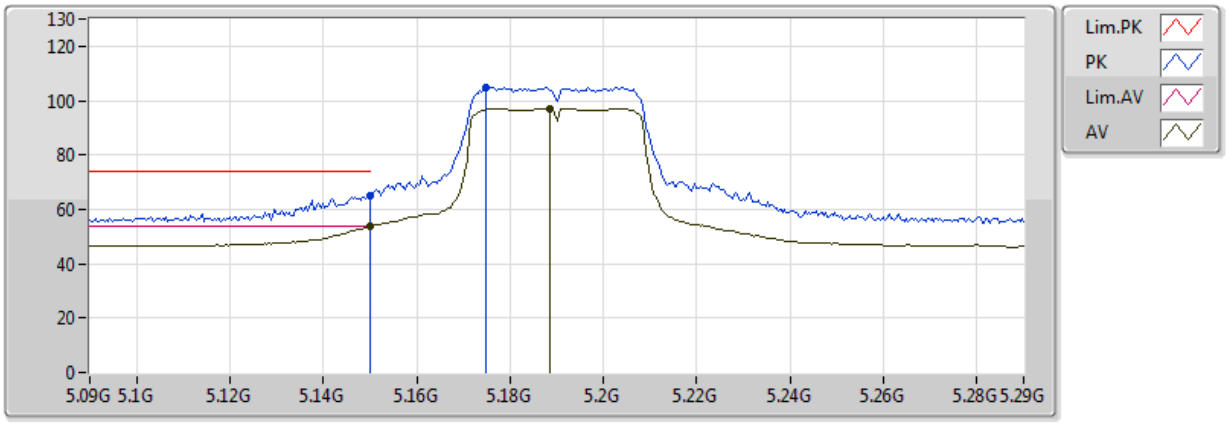


Eut : Y axis Ant : Z axis

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	46.89	54.00	-7.11	13.35	3	Horizontal	10	1.50	-	33.54	39.32	9.54	35.51
PK	11.65G	56.66	74.00	-17.34	13.35	3	Horizontal	10	1.50	-	43.30	39.32	9.54	35.51

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

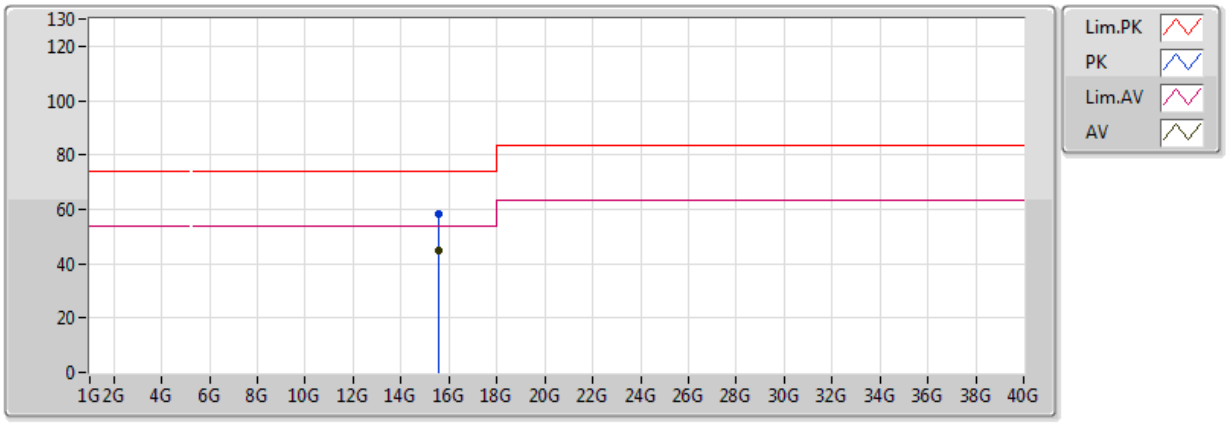


Eut : Y axis Ant : Z axis

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	53.81	54.00	-0.19	2.90	3	Horizontal	99	1.50	-	50.91	31.62	6.48	35.21
AV	5.1884G	97.13	Inf	-Inf	2.94	3	Horizontal	99	1.50	-	94.19	31.65	6.49	35.20
PK	5.149995G	65.07	74.00	-8.93	2.90	3	Horizontal	99	1.50	-	62.17	31.62	6.48	35.21
PK	5.1748G	105.00	Inf	-Inf	2.92	3	Horizontal	99	1.50	-	102.08	31.64	6.49	35.20

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

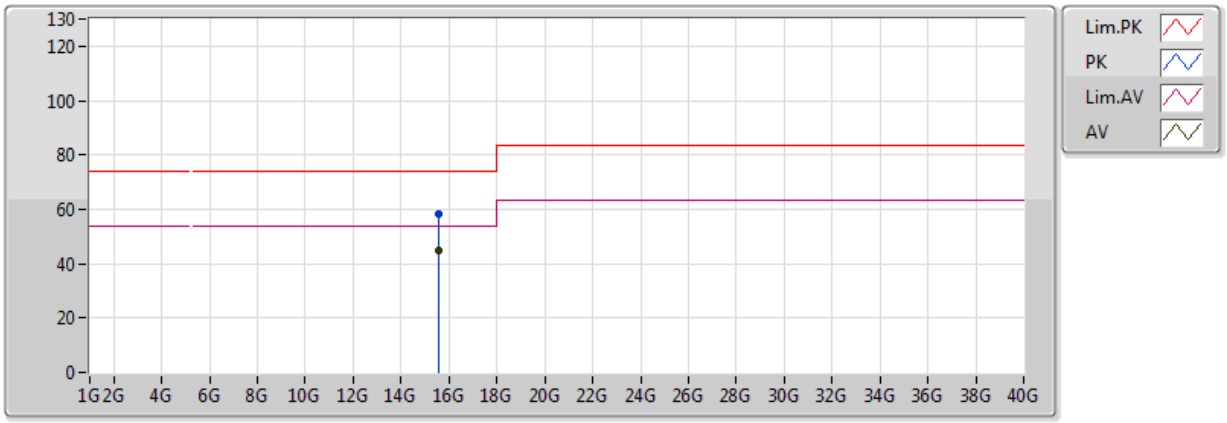


Eut : Y axis Ant : Z axis

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	44.62	54.00	-9.38	14.54	3	Vertical	360	1.50	-	30.08	38.76	11.24	35.46
PK	15.57G	58.14	74.00	-15.86	14.54	3	Vertical	360	1.50	-	43.59	38.76	11.24	35.46

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

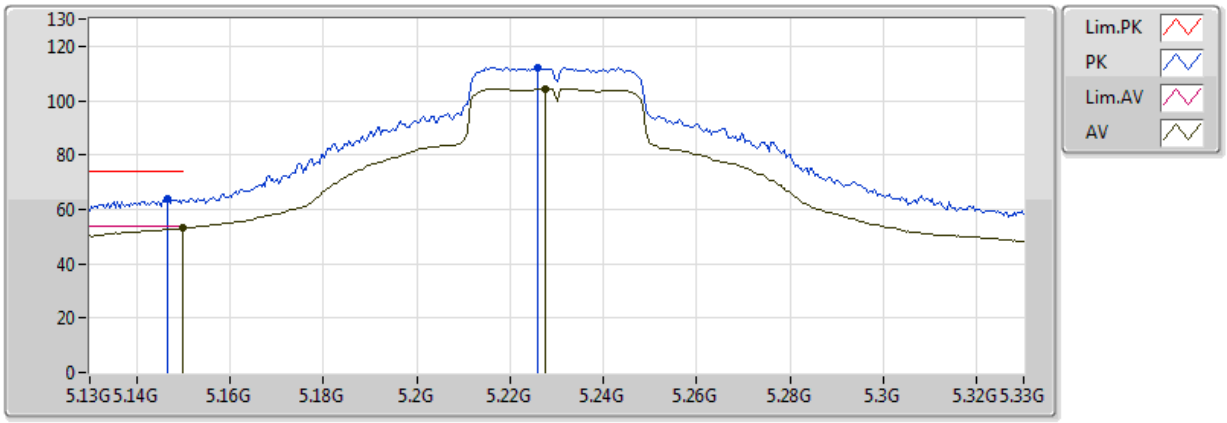


Eut : Y axis Ant : Z axis

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	44.87	54.00	-9.13	14.54	3	Horizontal	0	1.50	-	30.33	38.76	11.24	35.46
PK	15.57G	58.49	74.00	-15.51	14.54	3	Horizontal	0	1.50	-	43.95	38.76	11.24	35.46

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

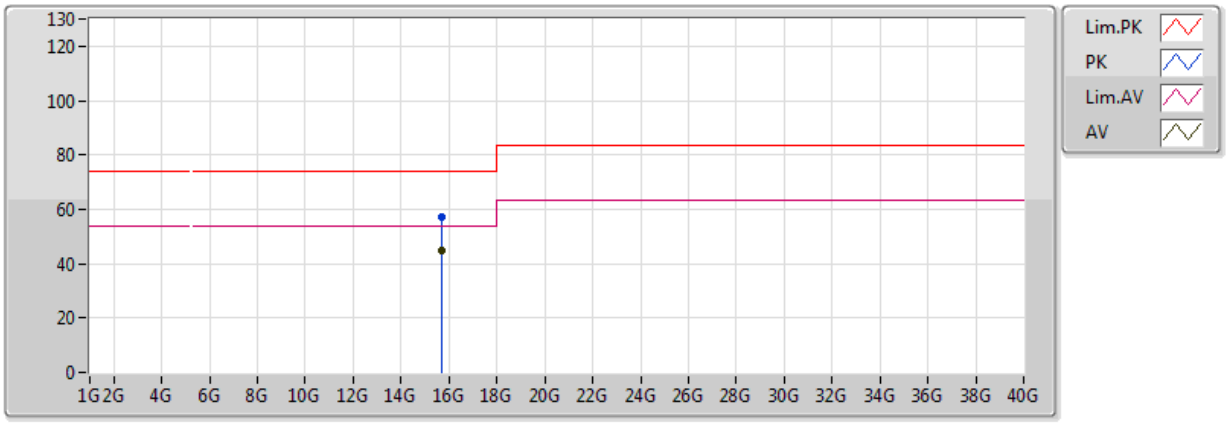


Eut : Y axis Ant : Z axis

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	53.15	54.00	-0.85	2.90	3	Horizontal	81	2.80	-	50.25	31.62	6.48	35.21
AV	5.2276G	104.33	Inf	-Inf	2.98	3	Horizontal	81	2.80	-	101.35	31.68	6.50	35.20
PK	5.1468G	63.64	74.00	-10.36	2.90	3	Horizontal	81	2.80	-	60.75	31.62	6.48	35.21
PK	5.226G	112.31	Inf	-Inf	2.98	3	Horizontal	81	2.80	-	109.33	31.68	6.50	35.20

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

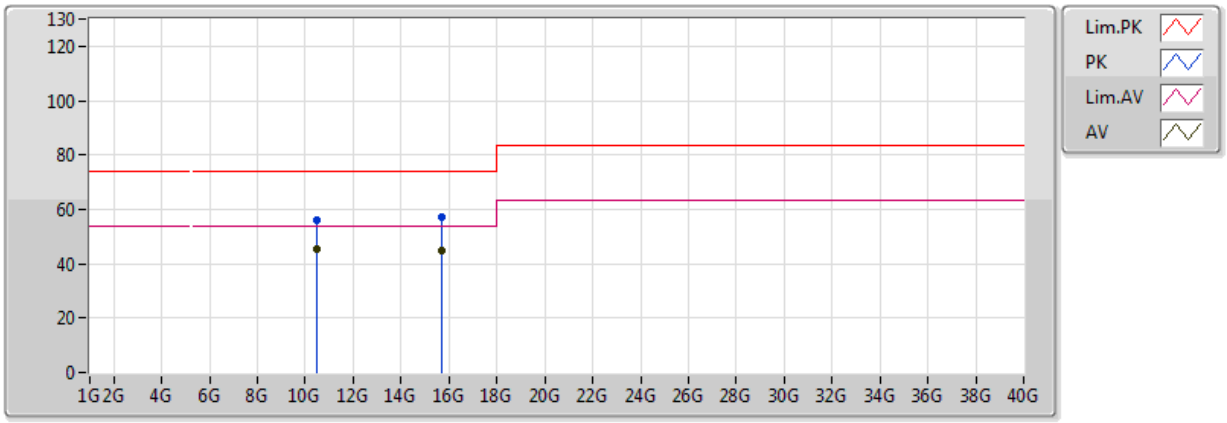


Eut : Y axis Ant : Z axis

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	44.60	54.00	-9.40	14.10	3	Vertical	360	1.50	-	30.50	38.35	11.34	35.60
PK	15.69G	57.05	74.00	-16.95	14.10	3	Vertical	360	1.50	-	42.95	38.35	11.34	35.60

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

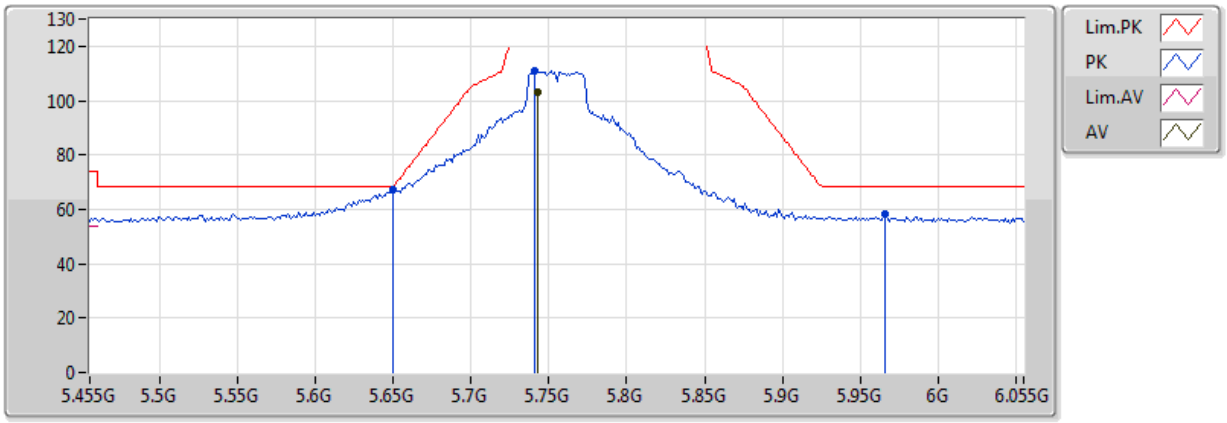


Eut : Y axis Ant : Z axis

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.46G	45.17	54.00	-8.83	13.05	3	Horizontal	219	1.86	-	32.13	39.54	9.24	35.74
AV	15.69G	44.70	54.00	-9.30	14.10	3	Horizontal	0	1.50	-	30.60	38.35	11.34	35.60
PK	10.46G	56.10	74.00	-17.90	13.05	3	Horizontal	219	1.86	-	43.05	39.54	9.24	35.74
PK	15.69G	57.38	74.00	-16.62	14.10	3	Horizontal	0	1.50	-	43.29	38.35	11.34	35.60

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

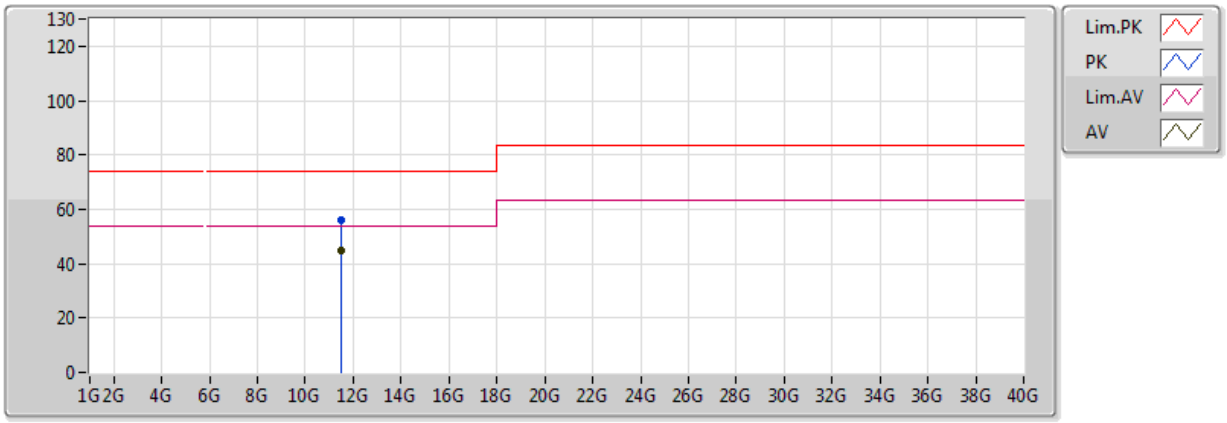


Eut : Y axis Ant : Z axis

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	5.743G	103.15	Inf	-Inf	3.47	3	Horizontal	250	1.32	-	99.68	32.19	6.46	35.18
PK	5.6494G	67.27	68.20	-0.93	3.39	3	Horizontal	250	1.32	-	63.87	32.08	6.50	35.18
PK	5.7406G	111.02	Inf	-Inf	3.47	3	Horizontal	250	1.32	-	107.55	32.19	6.46	35.18
PK	5.9662G	58.05	68.20	-10.15	3.65	3	Horizontal	250	1.32	-	54.40	32.46	6.39	35.20

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

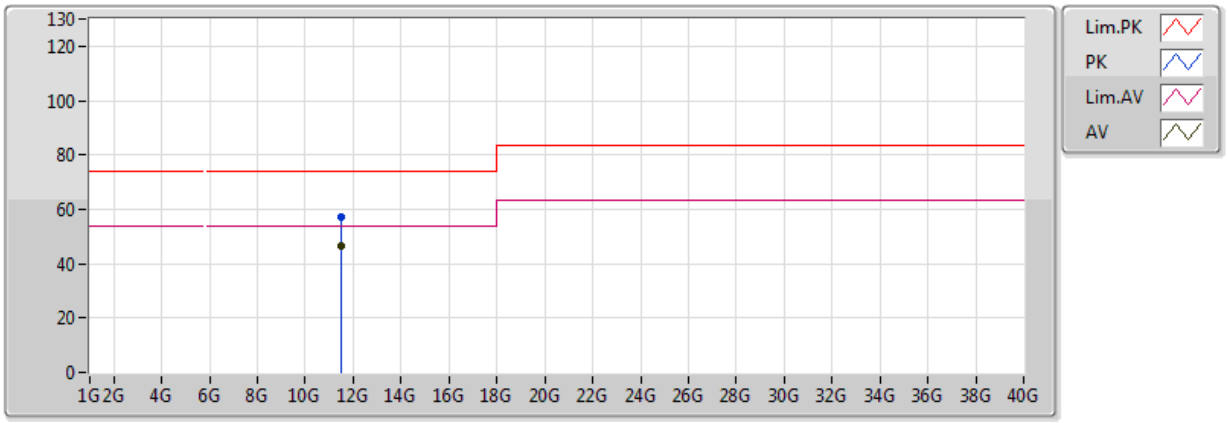


Eut : Y axis Ant : Z axis

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	44.73	54.00	-9.27	13.59	3	Vertical	52	3.08	-	31.14	39.53	9.54	35.48
PK	11.51G	55.94	74.00	-18.06	13.59	3	Vertical	52	3.08	-	42.35	39.53	9.54	35.48

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

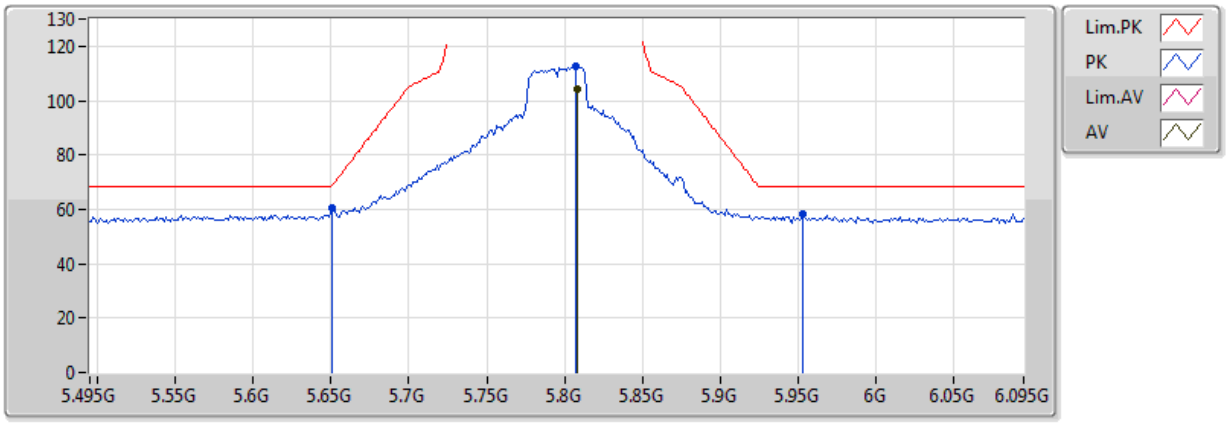


Eut : Y axis Ant : Z axis

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	46.62	54.00	-7.38	13.59	3	Horizontal	7	1.68	-	33.03	39.53	9.54	35.48
PK	11.51G	57.19	74.00	-16.81	13.59	3	Horizontal	7	1.68	-	43.60	39.53	9.54	35.48

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

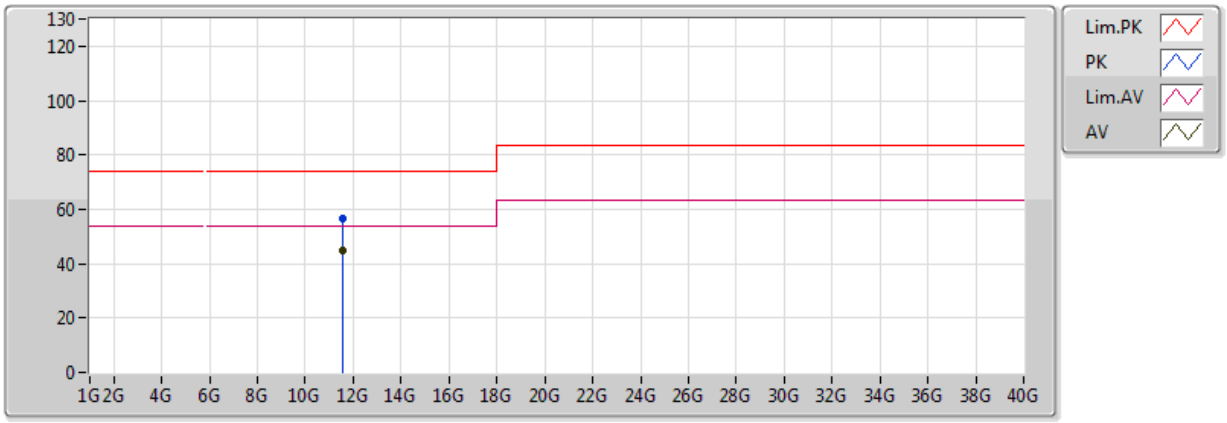


Eut : Y axis Ant : Z axis

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	5.8082G	104.35	Inf	-Inf	3.52	3	Horizontal	248	3.69	-	100.83	32.27	6.44	35.19
PK	5.651G	60.61	68.94	-8.33	3.40	3	Horizontal	248	3.69	-	57.21	32.08	6.49	35.18
PK	5.807G	112.74	Inf	-Inf	3.52	3	Horizontal	248	3.69	-	109.22	32.27	6.44	35.19
PK	5.9534G	58.01	68.20	-10.19	3.64	3	Horizontal	248	3.69	-	54.37	32.44	6.39	35.20

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

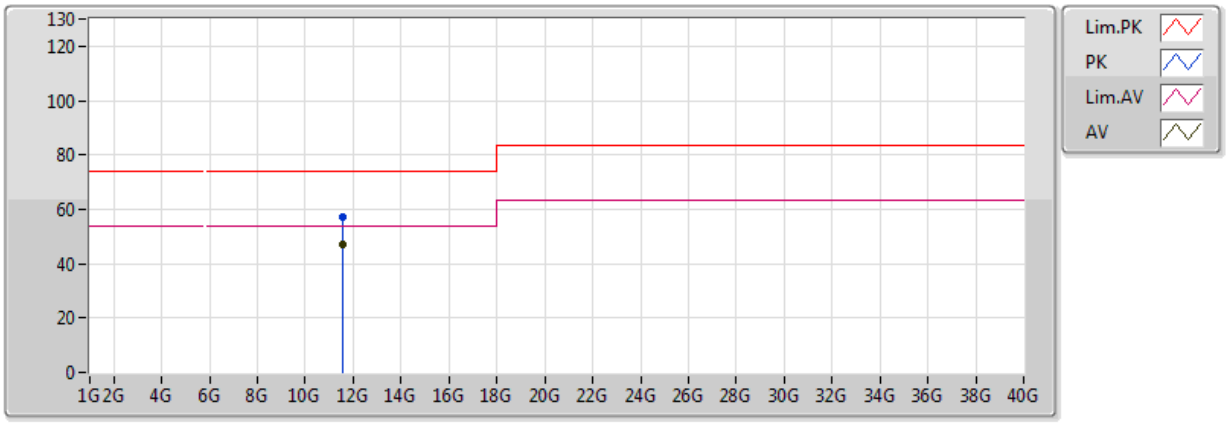


Eut : Y axis Ant : Z axis

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	44.85	54.00	-9.15	13.46	3	Vertical	49	3.10	-	31.39	39.41	9.54	35.50
PK	11.59G	56.41	74.00	-17.59	13.46	3	Vertical	49	3.10	-	42.96	39.41	9.54	35.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

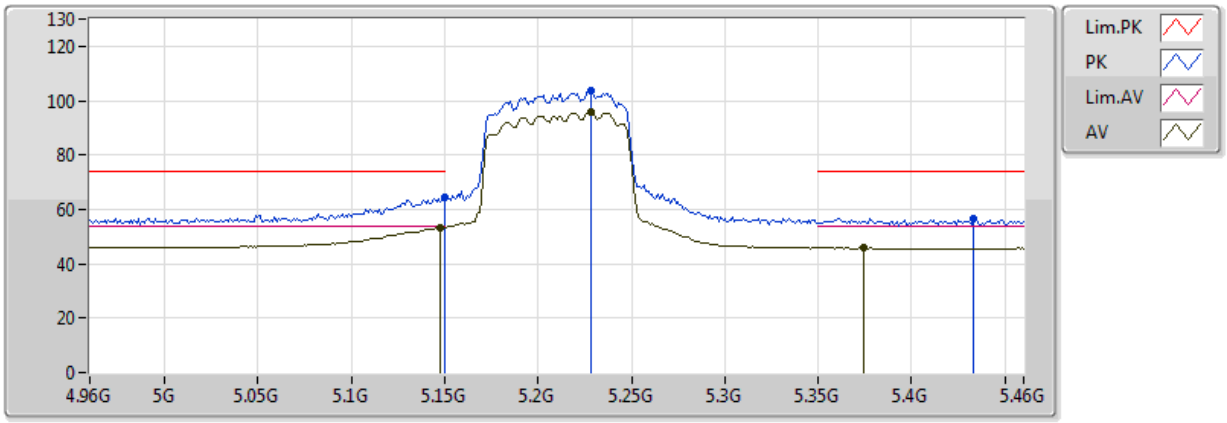


Eut : Y axis Ant : Z axis

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	47.07	54.00	-6.93	13.46	3	Horizontal	8	1.60	-	33.61	39.41	9.54	35.50
PK	11.59G	57.30	74.00	-16.70	13.46	3	Horizontal	8	1.60	-	43.84	39.41	9.54	35.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

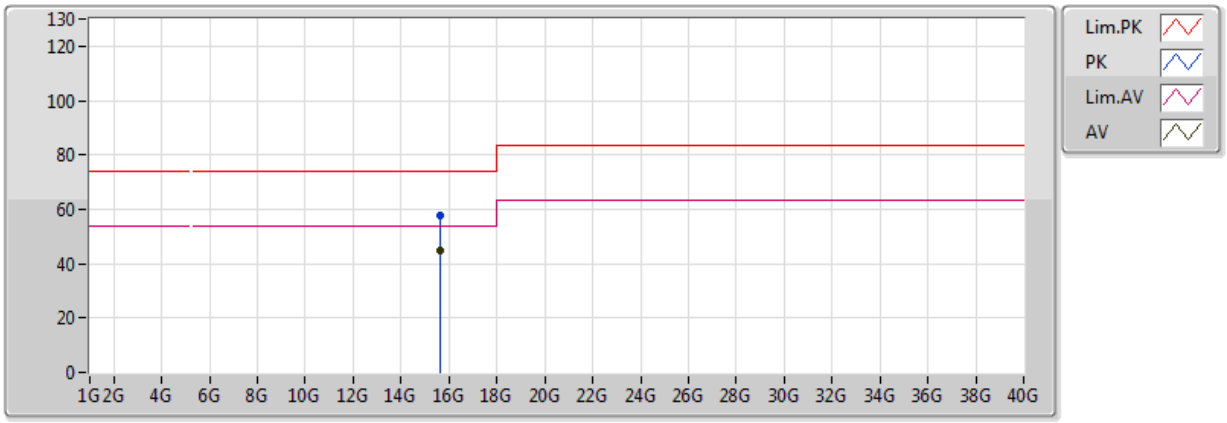


Eut : Y axis Ant : Z axis

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	5.148G	53.27	54.00	-0.73	2.90	3	Horizontal	83	3.36	-	50.37	31.62	6.48	35.21
AV	5.228G	96.07	Inf	-Inf	2.98	3	Horizontal	83	3.36	-	93.09	31.68	6.50	35.20
AV	5.374G	45.87	54.00	-8.13	3.13	3	Horizontal	83	3.36	-	42.74	31.80	6.52	35.18
PK	5.149995G	64.44	74.00	-9.56	2.90	3	Horizontal	83	3.36	-	61.54	31.62	6.48	35.21
PK	5.228G	103.83	Inf	-Inf	2.98	3	Horizontal	83	3.36	-	100.85	31.68	6.50	35.20
PK	5.433G	56.65	74.00	-17.35	3.20	3	Horizontal	83	3.36	-	53.46	31.85	6.53	35.18

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

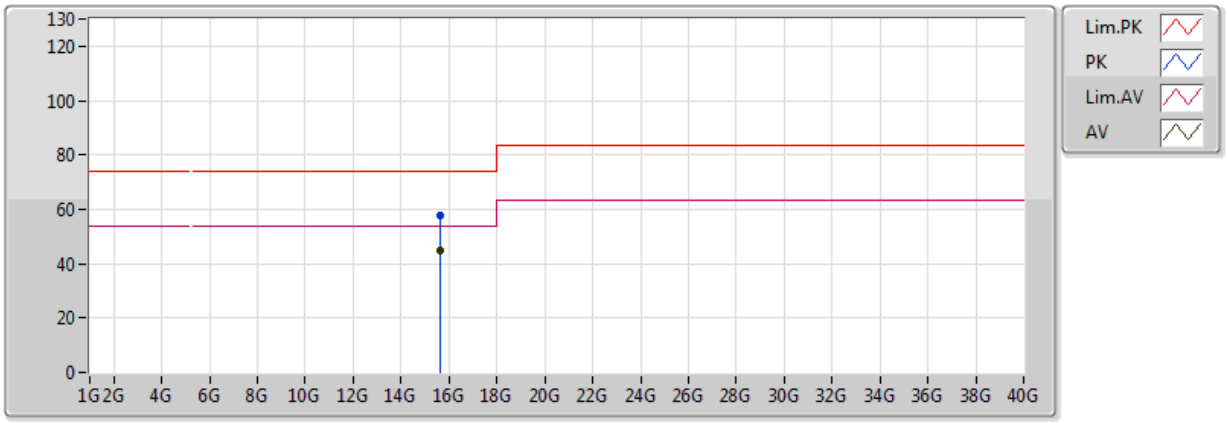


Eut : Y axis Ant : Z axis

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	44.94	54.00	-9.06	14.32	3	Vertical	360	1.50	-	30.62	38.56	11.29	35.53
PK	15.63G	57.50	74.00	-16.50	14.32	3	Vertical	360	1.50	-	43.18	38.56	11.29	35.53

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

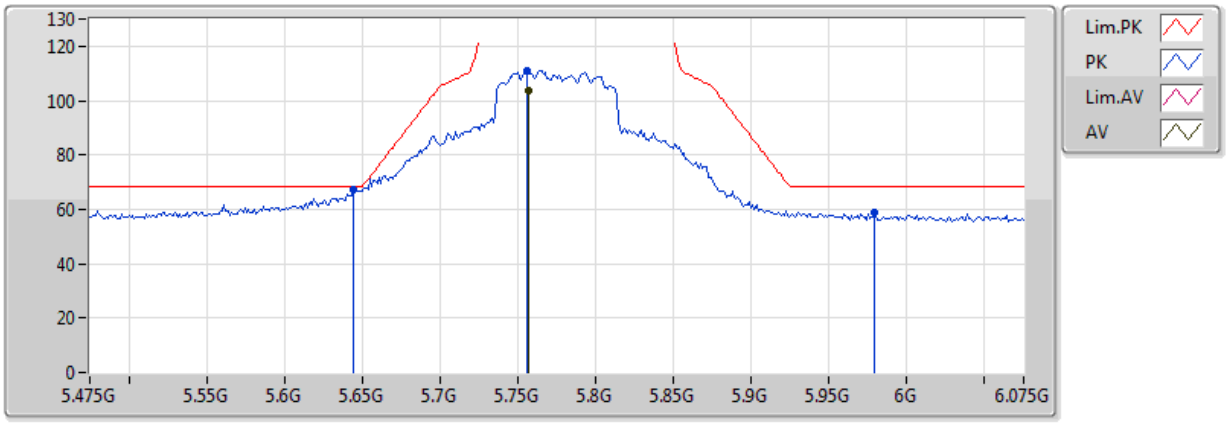


Eut : Y axis Ant : Z axis

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	45.06	54.00	-8.94	14.32	3	Horizontal	0	1.50	-	30.74	38.56	11.29	35.53
PK	15.63G	57.88	74.00	-16.12	14.32	3	Horizontal	0	1.50	-	43.56	38.56	11.29	35.53

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

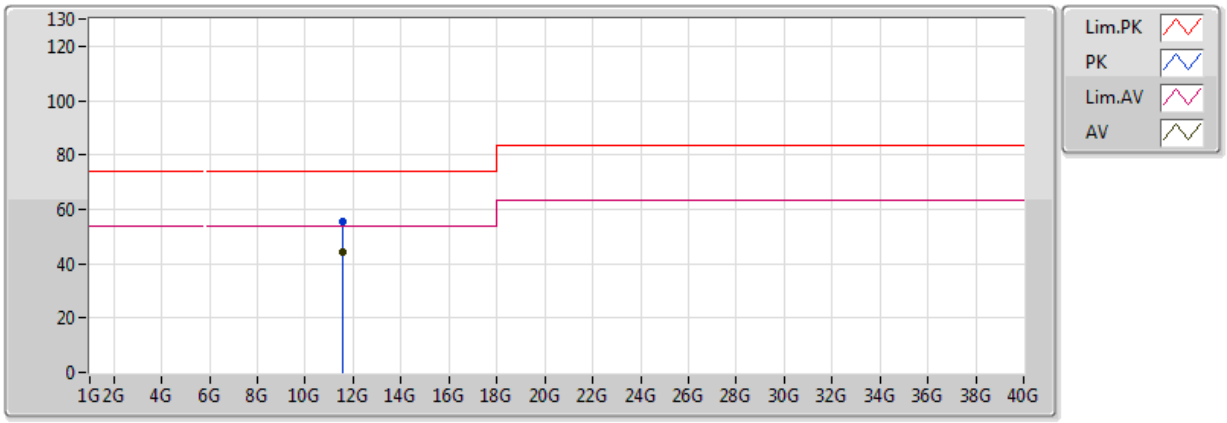


Eut : Y axis Ant : Z axis

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	5.757G	103.66	Inf	-Inf	3.48	3	Horizontal	251	1.87	-	100.19	32.21	6.46	35.19
PK	5.6442G	67.50	68.20	-0.70	3.39	3	Horizontal	251	1.87	-	64.11	32.07	6.50	35.18
PK	5.7558G	111.16	Inf	-Inf	3.48	3	Horizontal	251	1.87	-	107.68	32.21	6.46	35.19
PK	5.979G	58.90	68.20	-9.30	3.66	3	Horizontal	251	1.87	-	55.24	32.47	6.39	35.20

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

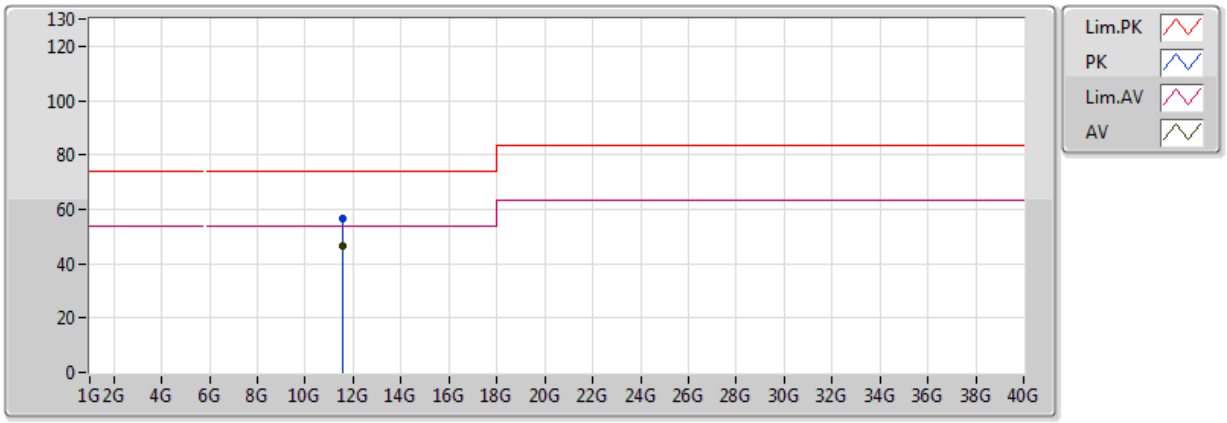


Eut : Y axis Ant : Z axis

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	44.51	54.00	-9.49	13.52	3	Vertical	46	3.59	-	30.98	39.48	9.54	35.49
PK	11.55G	55.47	74.00	-18.53	13.52	3	Vertical	46	3.59	-	41.95	39.48	9.54	35.49

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX



Eut : Y axis Ant : Z axis

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	46.50	54.00	-7.50	13.52	3	Horizontal	8	1.50	-	32.98	39.48	9.54	35.49
PK	11.55G	56.63	74.00	-17.37	13.52	3	Horizontal	8	1.50	-	43.10	39.48	9.54	35.49

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	5.2G	5.199964G	6.85	20	1	10 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5200MHz_0°C	Pass	5.2G	5.200026G	5.047	20	1	0 min
5200MHz_0°C	Pass	5.2G	5.20003G	5.769	20	1	2 min
5200MHz_0°C	Pass	5.2G	5.200034G	6.49	20	1	5 min
5200MHz_0°C	Pass	5.2G	5.200028G	5.408	20	1	10 min
5200MHz_10°C	Pass	5.2G	5.200022G	4.326	20	1	0 min
5200MHz_10°C	Pass	5.2G	5.200015G	2.884	20	1	2 min
5200MHz_10°C	Pass	5.2G	5.200019G	3.605	20	1	5 min
5200MHz_10°C	Pass	5.2G	5.200013G	2.524	20	1	10 min
5200MHz_20°C	Pass	5.2G	5.200004G	0.721	20	1	0 min
5200MHz_20°C	Pass	5.2G	5.200004G	0.721	20	1	2 min
5200MHz_20°C	Pass	5.2G	5.2G	0	20	1	5 min
5200MHz_20°C	Pass	5.2G	5.200013G	2.524	20	1	10 min
5200MHz_30°C	Pass	5.2G	5.199979G	3.966	20	1	0 min
5200MHz_30°C	Pass	5.2G	5.199987G	2.524	20	1	2 min
5200MHz_30°C	Pass	5.2G	5.199978G	4.326	20	1	5 min
5200MHz_30°C	Pass	5.2G	5.199985G	2.884	20	1	10 min
5200MHz_40°C	Pass	5.2G	5.19997G	5.769	20	1	0 min
5200MHz_40°C	Pass	5.2G	5.199966G	6.49	20	1	2 min
5200MHz_40°C	Pass	5.2G	5.19997G	5.769	20	1	5 min
5200MHz_40°C	Pass	5.2G	5.199964G	6.85	20	1	10 min
5200MHz_138V	Pass	5.2G	5.200002G	0.361	20	1	0 min
5200MHz_138V	Pass	5.2G	5.199993G	1.442	20	1	2 min
5200MHz_138V	Pass	5.2G	5.2G	0	20	1	5 min
5200MHz_138V	Pass	5.2G	5.200006G	1.082	20	1	10 min
5200MHz_120V	Pass	5.2G	5.200002G	0.361	20	1	0 min
5200MHz_120V	Pass	5.2G	5.200002G	0.361	20	1	2 min
5200MHz_120V	Pass	5.2G	5.200009G	1.803	20	1	5 min
5200MHz_120V	Pass	5.2G	5.200004G	0.721	20	1	10 min
5200MHz_102V	Pass	5.2G	5.199996G	0.721	20	1	0 min
5200MHz_102V	Pass	5.2G	5.200004G	0.721	20	1	2 min
5200MHz_102V	Pass	5.2G	5.200004G	0.721	20	1	5 min
5200MHz_102V	Pass	5.2G	5.199993G	1.442	20	1	10 min

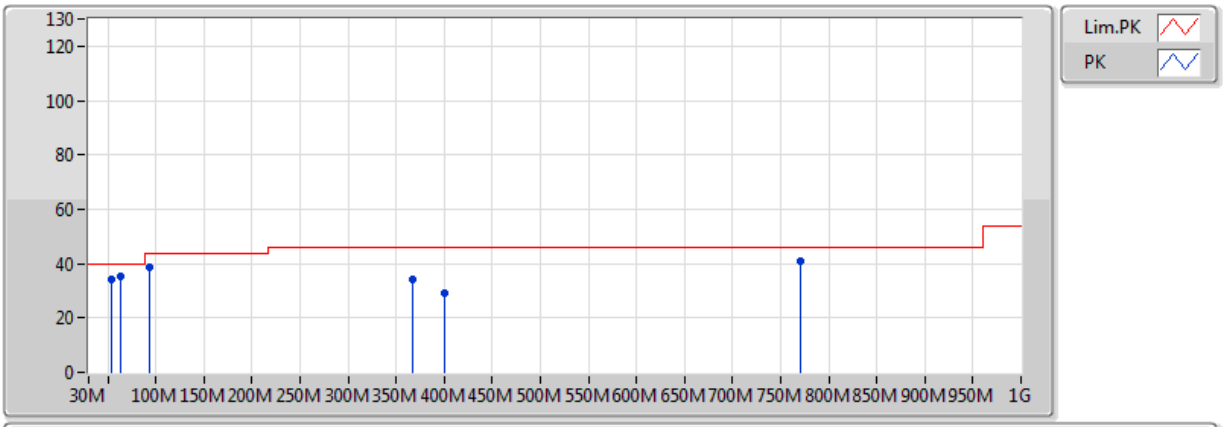
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	PK	94.02M	38.86	43.50	-4.64	-21.08	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
Mode 1	Pass	PK	117.3M	28.44	43.50	-15.06	-18.61	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	156.1M	27.68	43.50	-15.82	-18.76	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	289.96M	35.18	46.00	-10.82	-15.65	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	353.98M	35.10	46.00	-10.90	-13.97	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	509.18M	32.71	46.00	-13.29	-10.10	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	769.14M	39.87	46.00	-6.13	-5.91	3	Horizontal	360	1.00	-
Mode 1	Pass	PK	94.02M	38.86	43.50	-4.64	-21.08	3	Vertical	0	1.00	-
Mode 1	Pass	PK	367.56M	33.97	46.00	-12.03	-13.59	3	Vertical	0	1.00	-
Mode 1	Pass	PK	400.54M	29.06	46.00	-16.94	-12.49	3	Vertical	0	1.00	-
Mode 1	Pass	PK	771.08M	40.71	46.00	-5.29	-5.88	3	Vertical	0	1.00	-
Mode 1	Pass	QP	53.28M	34.16	40.00	-5.84	-23.88	3	Vertical	316	1.01	-
Mode 1	Pass	QP	62.98M	35.18	40.00	-4.82	-24.90	3	Vertical	9	2.03	-

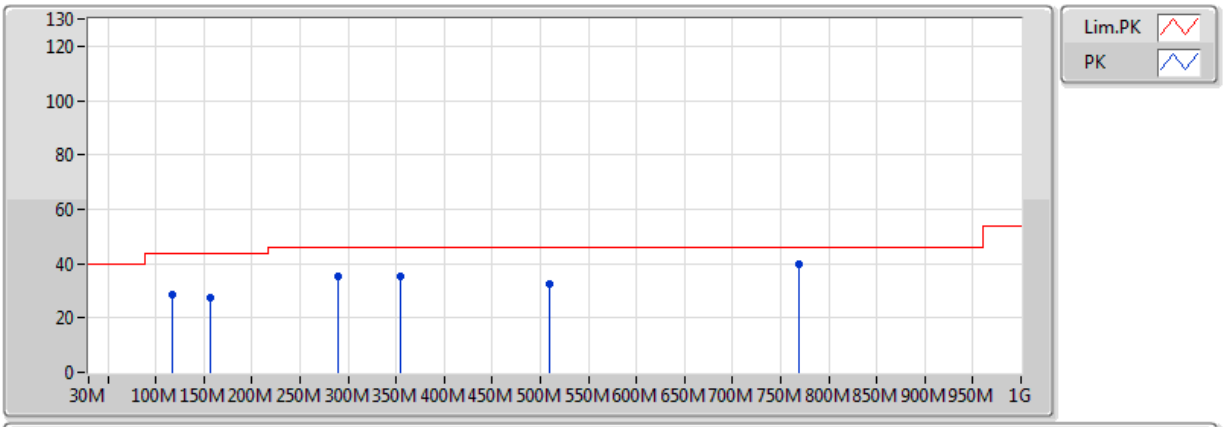
Radiated-below 1GHz_Mode 1



EUT : Y Ant : 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	94.02M	38.86	43.50	-4.64	-21.08	3	Vertical	0	1.00	-	59.94	14.20	1.56	36.84
PK	367.56M	33.97	46.00	-12.03	-13.59	3	Vertical	0	1.00	-	47.56	19.79	3.18	36.56
PK	400.54M	29.06	46.00	-16.94	-12.49	3	Vertical	0	1.00	-	41.55	20.80	3.32	36.61
PK	771.08M	40.71	46.00	-5.29	-5.88	3	Vertical	0	1.00	-	46.59	26.87	4.69	37.44
QP	53.28M	34.16	40.00	-5.84	-23.88	3	Vertical	316	1.01	-	58.04	12.04	1.20	37.13
QP	62.98M	35.18	40.00	-4.82	-24.90	3	Vertical	9	2.03	-	60.08	10.88	1.28	37.06

Radiated-below 1GHz_Mode 1



EUT : Y Ant : 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	117.3M	28.44	43.50	-15.06	-18.61	3	Horizontal	360	1.00	-	47.05	16.36	1.76	36.73
PK	156.1M	27.68	43.50	-15.82	-18.76	3	Horizontal	360	1.00	-	46.44	15.74	2.07	36.57
PK	289.96M	35.18	46.00	-10.82	-15.65	3	Horizontal	360	1.00	-	50.83	17.88	2.90	36.43
PK	353.98M	35.10	46.00	-10.90	-13.97	3	Horizontal	360	1.00	-	49.07	19.43	3.13	36.53
PK	509.18M	32.71	46.00	-13.29	-10.10	3	Horizontal	360	1.00	-	42.81	22.89	3.96	36.95
PK	769.14M	39.87	46.00	-6.13	-5.91	3	Horizontal	360	1.00	-	45.78	26.85	4.67	37.44

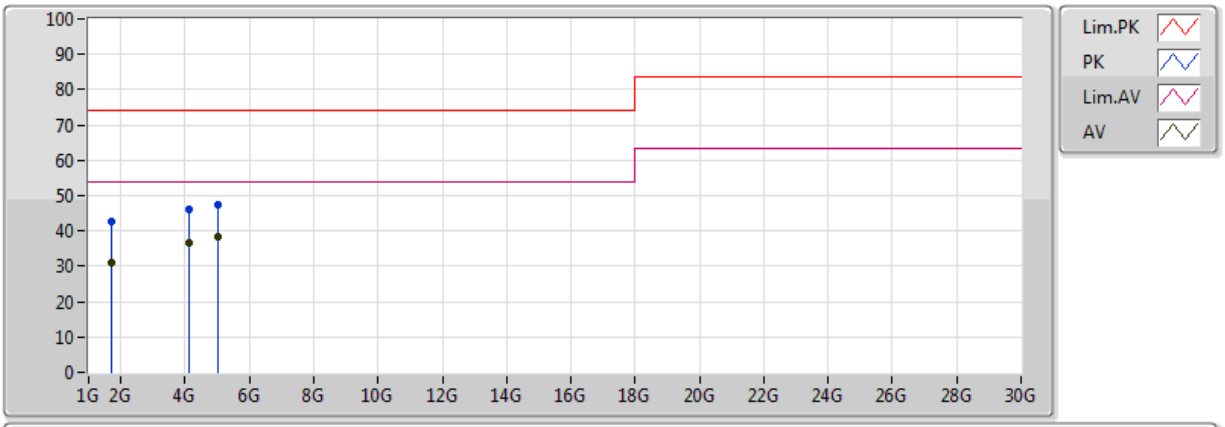
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.432G	38.81	54.00	-15.19	-6.94	3	Horizontal	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
Mode 1	Pass	AV	1.432G	38.81	54.00	-15.19	-6.94	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	5.034G	38.32	54.00	-15.68	2.78	3	Vertical	360	1.00	-
Mode 1	Pass	AV	5.304G	37.63	54.00	-16.37	3.06	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	4.129G	36.61	54.00	-17.39	0.94	3	Vertical	360	1.00	-
Mode 1	Pass	AV	3.376G	35.03	54.00	-18.97	-0.86	3	Horizontal	0	1.00	-
Mode 1	Pass	AV	1.732G	31.11	54.00	-22.89	-6.03	3	Vertical	360	1.00	-
Mode 1	Pass	PK	5.304G	48.15	74.00	-25.85	3.06	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	1.432G	47.87	74.00	-26.13	-6.94	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	5.034G	47.21	74.00	-26.79	2.78	3	Vertical	360	1.00	-
Mode 1	Pass	PK	4.129G	46.32	74.00	-27.68	0.94	3	Vertical	360	1.00	-
Mode 1	Pass	PK	3.376G	44.23	74.00	-29.77	-0.86	3	Horizontal	0	1.00	-
Mode 1	Pass	PK	1.732G	42.55	74.00	-31.45	-6.03	3	Vertical	360	1.00	-

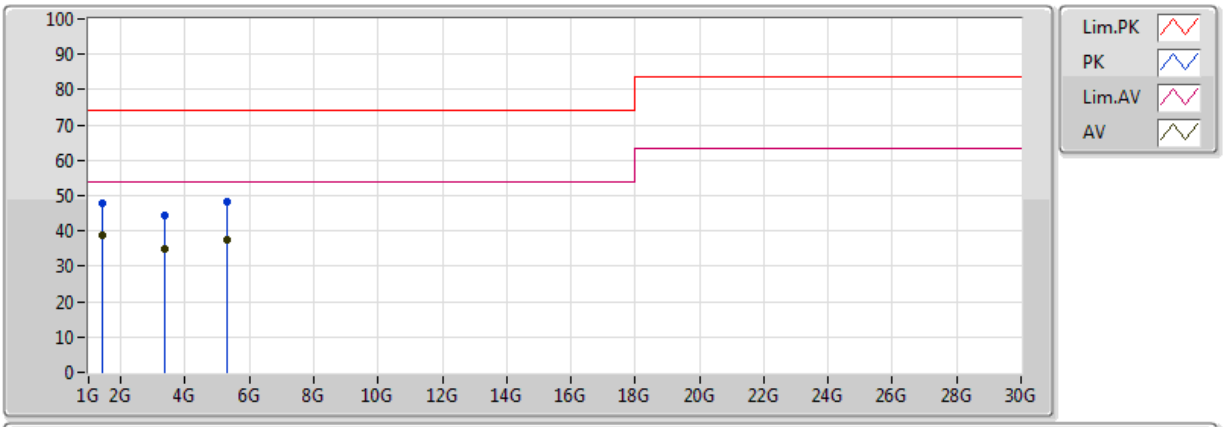
Radiated-above 1GHz_Mode 1



EUT = Y , ANT = 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	1.732G	31.11	54.00	-22.89	-6.03	3	Vertical	360	1.00	-	37.14	25.63	3.51	35.17
AV	4.129G	36.61	54.00	-17.39	0.94	3	Vertical	360	1.00	-	35.67	29.88	6.24	35.18
AV	5.034G	38.32	54.00	-15.68	2.78	3	Vertical	360	1.00	-	35.54	31.53	6.47	35.22
PK	1.732G	42.55	74.00	-31.45	-6.03	3	Vertical	360	1.00	-	48.58	25.63	3.51	35.17
PK	4.129G	46.32	74.00	-27.68	0.94	3	Vertical	360	1.00	-	45.38	29.88	6.24	35.18
PK	5.034G	47.21	74.00	-26.79	2.78	3	Vertical	360	1.00	-	44.43	31.53	6.47	35.22

Radiated-above 1GHz_Mode 1



EUT = Y , ANT = 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	1.432G	38.81	54.00	-15.19	-6.94	3	Horizontal	0	1.00	-	45.75	25.26	3.20	35.40
AV	3.376G	35.03	54.00	-18.97	-0.86	3	Horizontal	0	1.00	-	35.89	28.60	5.86	35.32
AV	5.304G	37.63	54.00	-16.37	3.06	3	Horizontal	0	1.00	-	34.57	31.74	6.51	35.19
PK	1.432G	47.87	74.00	-26.13	-6.94	3	Horizontal	0	1.00	-	54.81	25.26	3.20	35.40
PK	3.376G	44.23	74.00	-29.77	-0.86	3	Horizontal	0	1.00	-	45.09	28.60	5.86	35.32
PK	5.304G	48.15	74.00	-25.85	3.06	3	Horizontal	0	1.00	-	45.09	31.74	6.51	35.19