FCC Test Report

Equipment	:	Outdoor AP
Brand Name	:	Askey
Model No.	:	EAO2001S(RoHS)
FCC ID	:	H8N-EAO2001S
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5150 MHz – 5250 MHz 5725 MHz – 5850 MHz
Applicant	:	Askey Computer Corp. 10F, No.119, Jiankang Road, Zhonghe Dist., New Taipei City, Taiwan
Manufacturer	:	ASKEY TECHNOLOGY (JIANGSU) LTD. No. 1388, Jiao Tong Road, Wujiang Economic-Technological Development Area, Jiangsu Province, P.R. China
Function	:	☒ Outdoor; ☐ Indoor; ☐ Fixed P2P ☐ Client

The product sample received on May 18, 2017 and completely tested on Jun. 07, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
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
FR751734AN	Rev. 01	Initial issue of report	Jul. 03, 2017
FR751734AN	Rev. 02	Add description of test procedure for Elevation angle higher than 30° in clause 3.3.3.	Feb. 06, 2018

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	802.11a	20	3TX
5.725-5.85GHz	802.11a	20	3TX
5.15-5.25GHz	802.11n HT20	20	3TX
5.725-5.85GHz	802.11n HT20	20	3TX
5.15-5.25GHz	802.11ac VHT20	20	3TX
5.725-5.85GHz	802.11ac VHT20	20	3TX
5.15-5.25GHz	802.11n HT40	40	3TX
5.725-5.85GHz	802.11n HT40	40	3TX
5.15-5.25GHz	802.11ac VHT40	40	3TX
5.725-5.85GHz	802.11ac VHT40	40	3TX
5.15-5.25GHz	802.11ac VHT80	80	3TX
5.725-5.85GHz	802.11ac VHT80	80	3TX

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

1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						UNII-1	UNII-3
1	2, 4, 6	Wha Yu	C407-510738-A	Omni	N Type	5.41	5.58
2	2, 4, 6	Wha Yu	C407-690851-A	Omni	N Type	5.41	5.58

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

Note 2: EUT may match the two group antennas use.

Note 3: Antenna cable introduces losses in the antenna system.

Note 4: Performed the worst configuration for higher gain was test in final test report.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From PoE			
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
802.11a	0.923	0.348	2.029m	1k
802.11ac VHT20	0.951	0.218	1.903m	1k
802.11ac VHT40	0.913	0.395	937.5u	3k
802.11ac VHT80	0.832	0.799	460u	3k

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 789033 D02 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. 553509 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	Ryan	22.8°C / 66%	07/Jun/2017
Radiated	03CH02-HY	Lynus	22.7°C / 59%	22/May/2017
AC Conduction	CO01-HY	Teddy	24°C / 60%	15/May/2017

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

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

2.2 Test Channel Mode

Test Software	cart

Mode	Power Setting
802.11a_(6Mbps)_3TX	-
5180MHz	19.5
5200MHz	19.5
5240MHz	20.5
5745MHz	22.5
5785MHz	22.5
5825MHz	22.5
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5180MHz	20
5200MHz	20
5240MHz	21
5745MHz	24.5
5785MHz	24.5
5825MHz	24
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5190MHz	16.5
5230MHz	24
5755MHz	25
5795MHz	24.5
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5210MHz	11
5775MHz	22.5

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
1	PoE Mode

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA751734 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

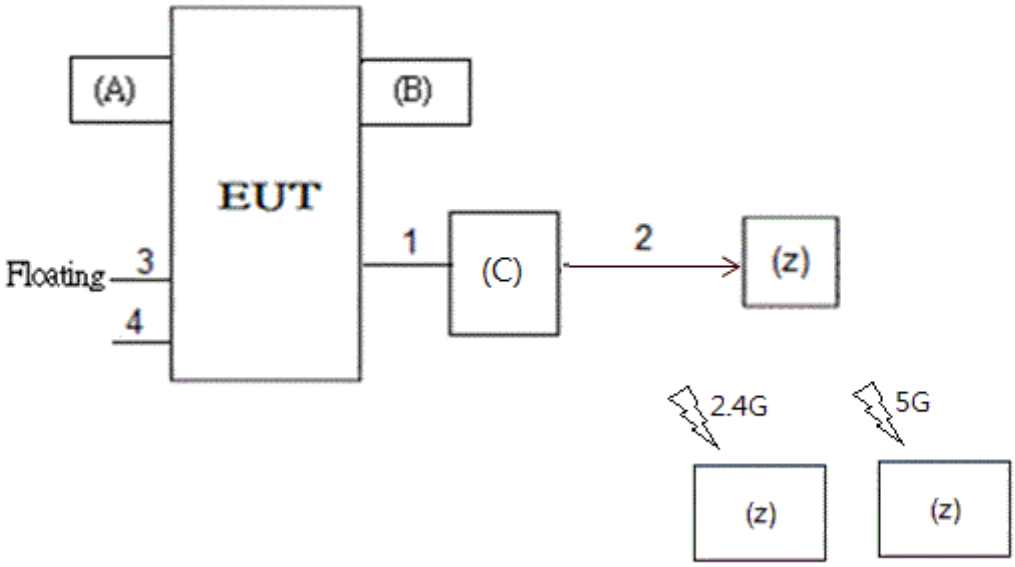
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC source	-	-	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	RJ-11 cable	-	-	-
2	PoE	SHENZHEN	PGSA34D01-540060	DoC

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	2.4G Antenna * 3	WHA YU	C407-510739-A	-
2	5G Antenna * 3	WHA YU	C407-510738-A	-
3	PoE	SHENZHEN	PGSA34D01-540060	DoC
4	Notebook	DELL	VOSTRO 3350	DoC
5	Notebook1(5G)	DELL	E5430	DoC
6	Notebook2(2.4G)	DELL	VOSTRO 3350	DoC

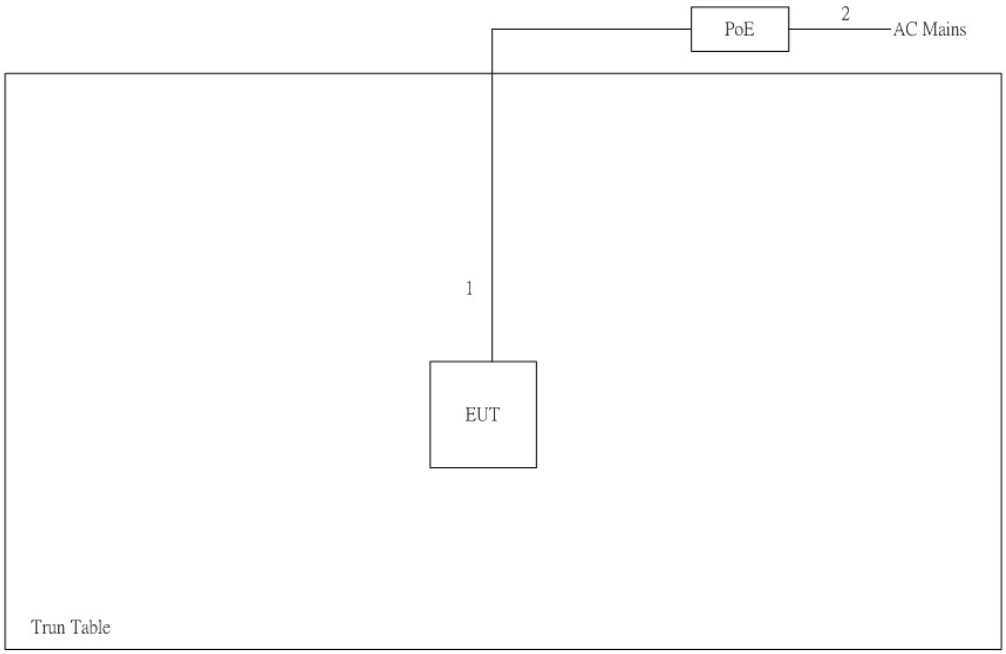
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	RJ45 Cable	No	1.2m
2	RJ45 Cable	No	10m
3	Console Cable (RJ11)	No	2.6m
4	Grounding Cable	No	1.5m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power Cable	No	1.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

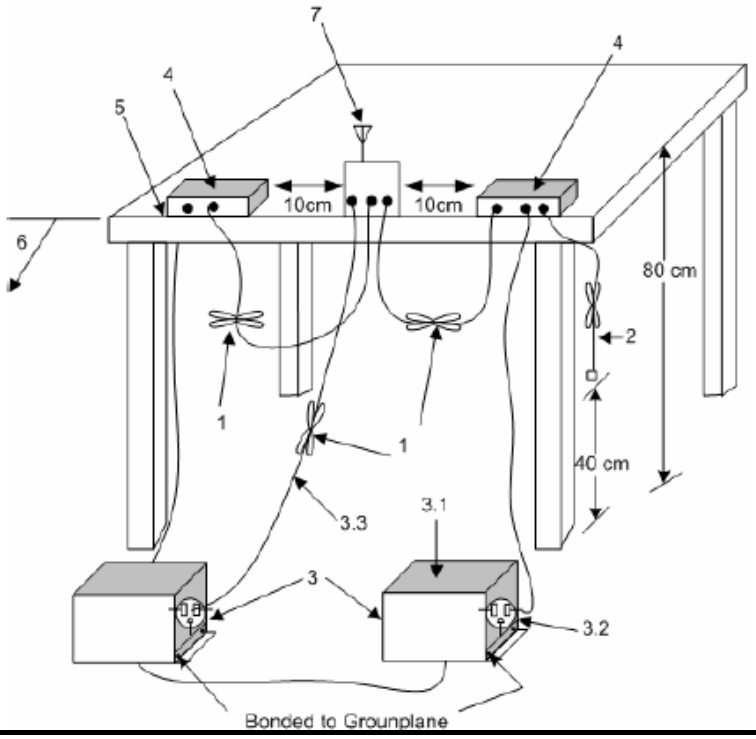
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

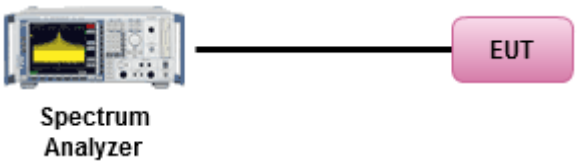
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

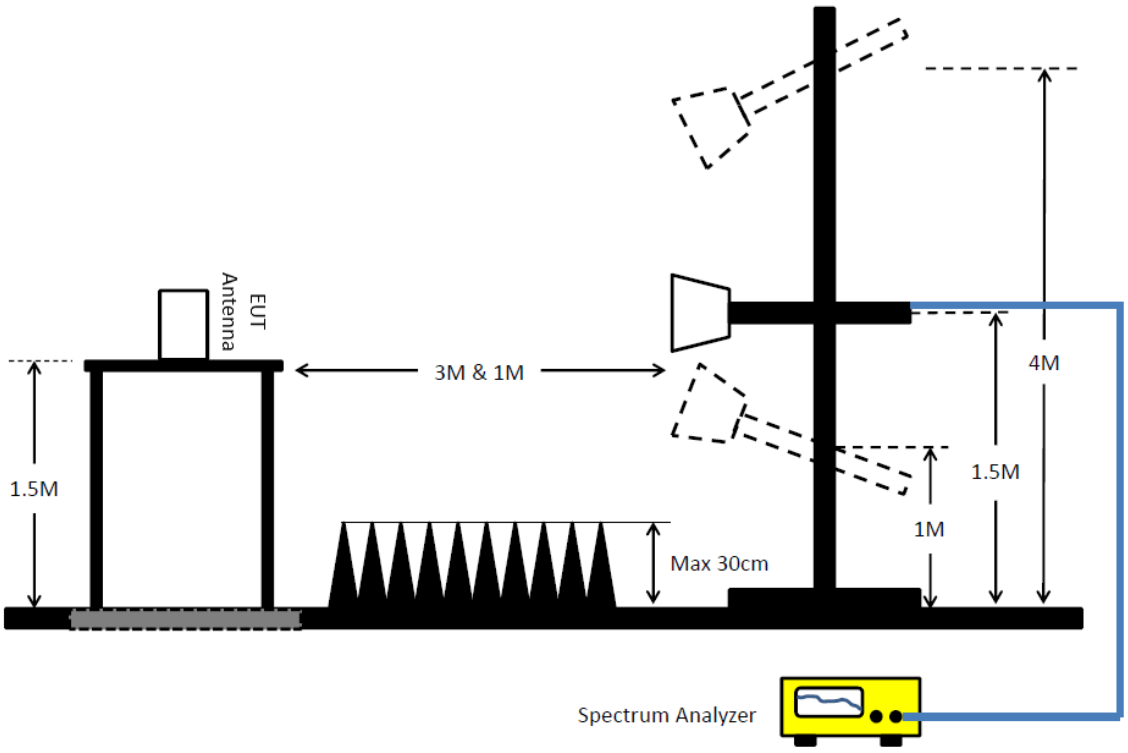
3.3.3 Test Procedures

Test Method
▪ Maximum Conducted Output Power
Duty cycle ≥ 98%
☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor
☒ Refer as KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.
▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
▪ Elevation angle higher than 30° from horizon
☐ Refer as KDB 789033, clause H 1(a).
☒ Refer as KDB 789033, clause H 1(b).
☐ Refer as KDB 789033, clause H 2.
▪ For radiated measurement.
▪ (i) Determine the device's intended mounting elevation angle referenced to the horizon. (ii) Rotate EUT antenna by 90° around the main beam axis in horizontal position to transform measurement in elevation angle into azimuth angle and define 0° reference angle based on device's intended mounting elevation angle. (iii) Move test antenna along the horizontal arc, or rotate the turn table with EUT antenna placed at the center, between 30° and 90° relative to the 0° reference angle, and then continuing down from 90° to 30° on the other side of the pattern, while maintaining the test antenna pointing with constant distance to the EUT antenna and search for the spot which 789033 D02 General UNII Test Procedures New Rules v02r01 Page 17 has the highest measured emission. Both horizontal and vertical polarization shall be investigated to find out the maximum radiated emission level. Note: Moving of test antenna along the horizontal arc, or rotating the turn table, shall be performed in angular step size as small as possible, but not larger than 3°. (iv) Calculate the EIRP based on the highest measured emission and compare to the limit of 125 mW to determine compliance. (v) The antenna pattern measurements should be included in the filing.

3.3.4 Test Setup

RF Output Power (Power Meter)

Elevation angle higher than 30°



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

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

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

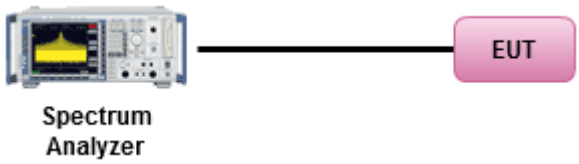
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

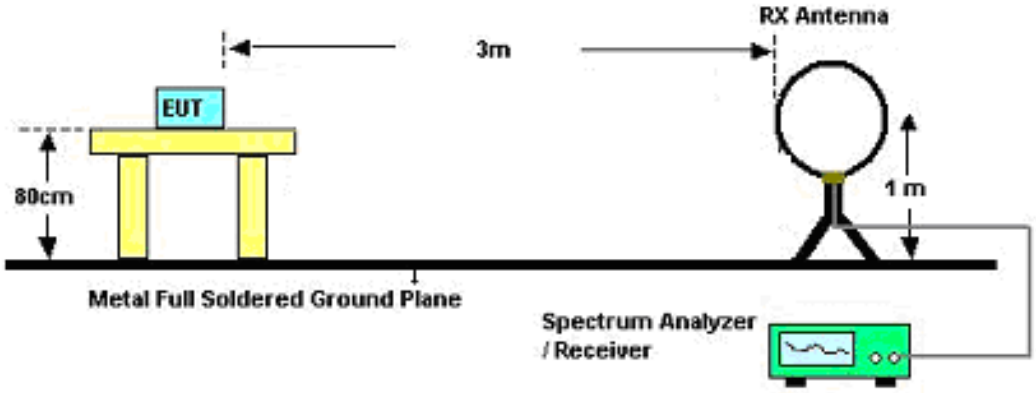
3.5.3 Test Procedures

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

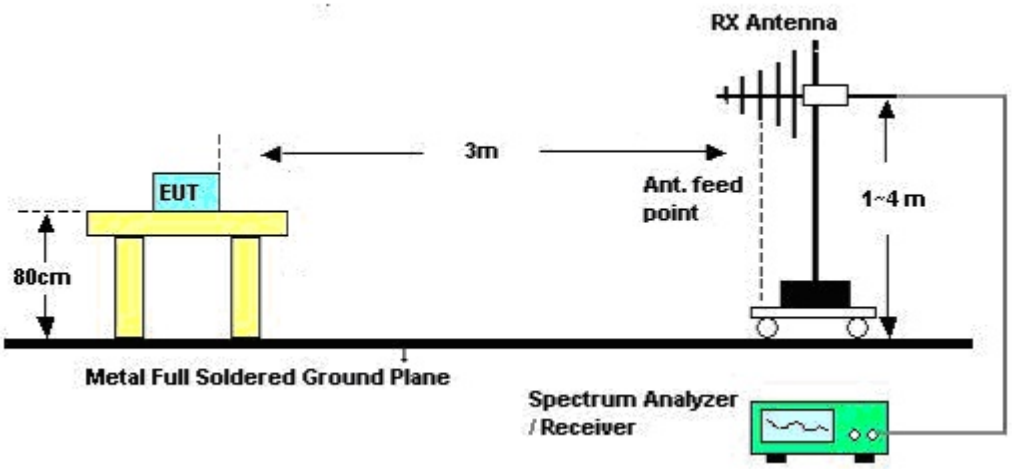
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

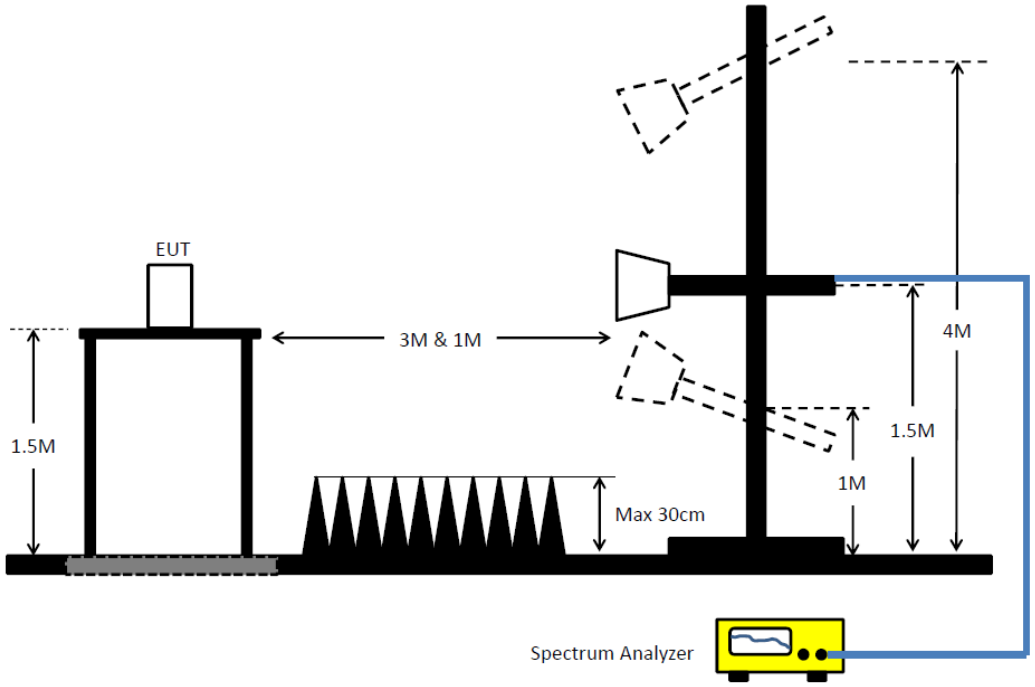
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

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

3.6.2 Measuring Instruments

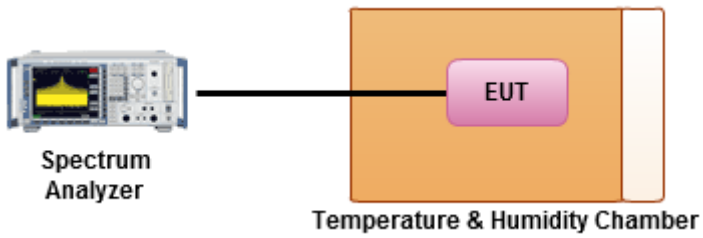
Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

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

3.6.4 Test Setup

Frequency Stability



3.6.5 Test Result of Frequency Stability

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

NCR : Non-Calibration Require

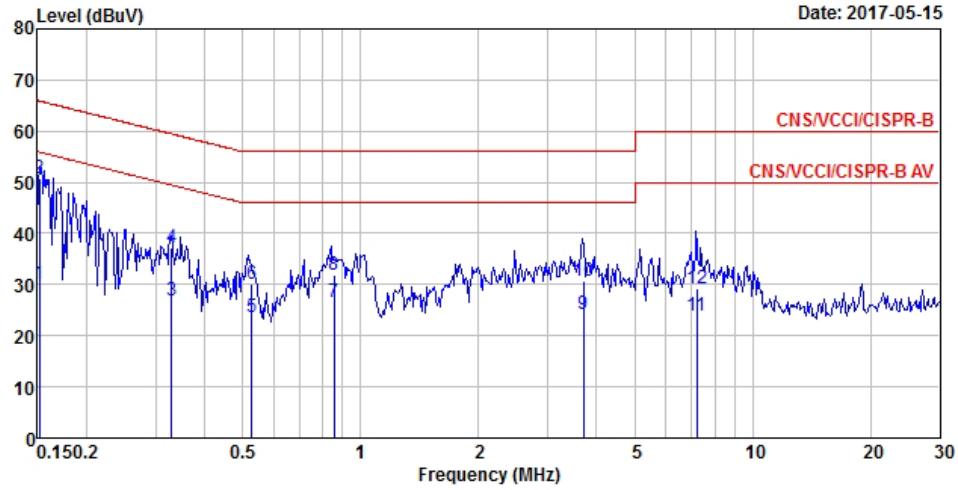
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz ~ 1GHz	28/Nov/2016	27/Nov/2017
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz ~ 18GHz	16/Dec/2016	15/Dec/2017
Amplifier	HP	8447D	2944A08033	10kHz ~ 1.3GHz	19/Apr/2017	18/Apr/2018
Amplifier	KEYSIGHT	83017A	MY53270197	1GHz ~ 26.5GHz	29/Aug/2016	28/Aug/2017
Spectrum	R&S	FSV40	101515	9kHz ~ 40GHz	28/Nov/2016	27/Nov/2017
Bilog Antenna	SCHAFFNER	CBL 6112D	2723	30MHz ~ 1GHz	01/Oct/2016	30/Sep/2017
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120D 1531	1GHz ~ 18GHz	25/Apr/2017	24/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	02/Jun/2015	01/Jun/2017
Loop Antenna	TESEQ	HLA 6120	24155	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF-Cable-high	SUHNER	SUHNER	CB222	1GHz ~ 40GHz	28/Oct/2016	27/Oct/2017
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	27/Oct/2016	26/Oct/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
AC Power Source	G.W	APS-9102	EL920581	AC 0V ~ 300V	04/Jun/2016	03/Jun/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	02/Oct/2016	01/Oct/2017
RF Cable-0.5m	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

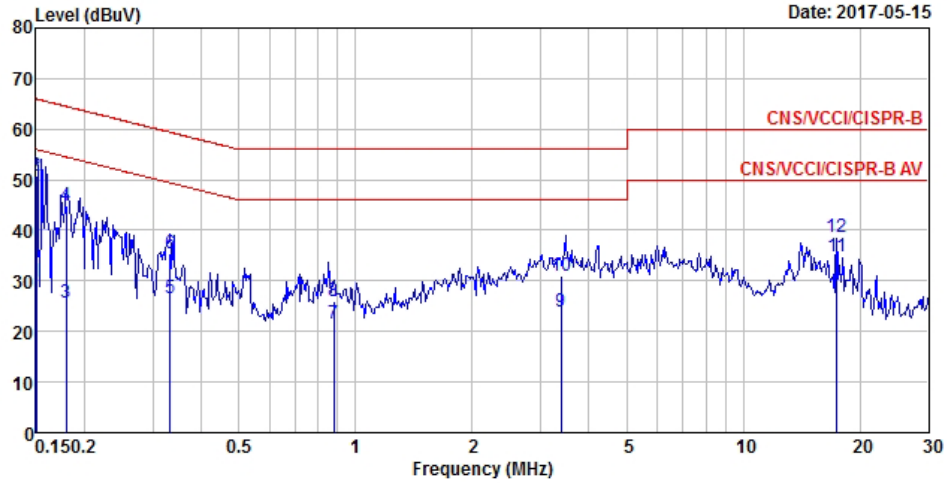
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	30.17	-25.74	55.91	20.49	9.66	0.02	Average
2 MAX	0.15	50.81	-15.10	65.91	41.13	9.66	0.02	QP
3	0.33	26.74	-22.72	49.46	17.08	9.64	0.02	Average
4	0.33	37.10	-22.36	59.46	27.44	9.64	0.02	QP
5	0.53	23.74	-22.26	46.00	14.08	9.64	0.02	Average
6	0.53	30.13	-25.87	56.00	20.47	9.64	0.02	QP
7	0.86	26.54	-19.46	46.00	16.88	9.64	0.02	Average
8	0.86	31.77	-24.23	56.00	22.11	9.64	0.02	QP
9	3.71	24.21	-21.79	46.00	14.46	9.67	0.08	Average
10	3.71	30.80	-25.20	56.00	21.05	9.67	0.08	QP
11	7.21	24.03	-25.97	50.00	14.19	9.71	0.13	Average
12	7.21	29.33	-30.67	60.00	19.49	9.71	0.13	QP

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	29.94	-26.06	56.00	20.29	9.63	0.02	Average
2 MAX	0.15	50.79	-15.21	66.00	41.14	9.63	0.02	QP
3	0.18	25.56	-28.95	54.51	15.91	9.63	0.02	Average
4	0.18	44.84	-19.67	64.51	35.19	9.63	0.02	QP
5	0.33	26.51	-22.89	49.40	16.86	9.63	0.02	Average
6	0.33	35.54	-23.86	59.40	25.89	9.63	0.02	QP
7	0.88	21.45	-24.55	46.00	11.80	9.63	0.02	Average
8	0.88	26.04	-29.96	56.00	16.39	9.63	0.02	QP
9	3.38	23.87	-22.13	46.00	14.14	9.66	0.07	Average
10	3.38	30.88	-25.12	56.00	21.15	9.66	0.07	QP
11	17.44	34.70	-15.30	50.00	24.81	9.67	0.22	Average
12	17.44	38.79	-21.21	60.00	28.90	9.67	0.22	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-
5.15-5.25GHz	22.45M	16.542M	16M5D1D	21.525M	16.467M
5.725-5.85GHz	16.35M	16.542M	16M5D1D	16.05M	16.467M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	24.125M	17.766M	17M8D1D	22.825M	17.666M
5.725-5.85GHz	17.575M	17.766M	17M8D1D	17.275M	17.691M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	52.3M	36.332M	36M3D1D	44.25M	36.182M
5.725-5.85GHz	36.3M	36.332M	36M3D1D	33.9M	36.232M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-
5.15-5.25GHz	88.3M	75.762M	75M8D1D	87.6M	75.562M
5.725-5.85GHz	75.7M	75.862M	75M9D1D	72.9M	75.562M

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

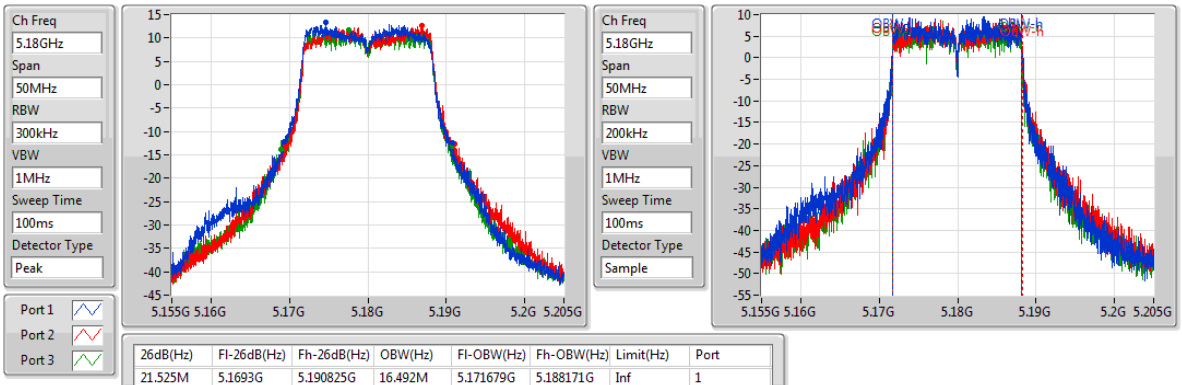
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.525M	16.492M	21.575M	16.542M	21.775M	16.467M
5200MHz	Pass	Inf	21.575M	16.467M	22.45M	16.492M	22M	16.492M
5240MHz	Pass	Inf	22.2M	16.492M	22.2M	16.517M	21.85M	16.517M
5745MHz	Pass	500k	16.3M	16.542M	16.05M	16.467M	16.35M	16.517M
5785MHz	Pass	500k	16.325M	16.542M	16.3M	16.517M	16.325M	16.517M
5825MHz	Pass	500k	16.325M	16.542M	16.325M	16.517M	16.325M	16.492M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.825M	17.666M	23.6M	17.691M	24.025M	17.716M
5200MHz	Pass	Inf	23.625M	17.766M	24.125M	17.716M	23.225M	17.716M
5240MHz	Pass	Inf	23.025M	17.766M	23.525M	17.716M	23.8M	17.691M
5745MHz	Pass	500k	17.5M	17.766M	17.55M	17.691M	17.575M	17.741M
5785MHz	Pass	500k	17.55M	17.741M	17.525M	17.691M	17.55M	17.741M
5825MHz	Pass	500k	17.525M	17.766M	17.55M	17.691M	17.275M	17.741M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.25M	36.332M	44.65M	36.282M	45.1M	36.232M
5230MHz	Pass	Inf	44.9M	36.182M	52.3M	36.282M	45.05M	36.332M
5755MHz	Pass	500k	35.65M	36.332M	33.9M	36.332M	36.3M	36.232M
5795MHz	Pass	500k	36.3M	36.282M	35.85M	36.282M	36.3M	36.282M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.7M	75.762M	88.3M	75.562M	87.6M	75.762M
5775MHz	Pass	500k	72.9M	75.562M	73.8M	75.662M	75.7M	75.862M

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

802.11a_(6Mbps)_3TX **EBW**

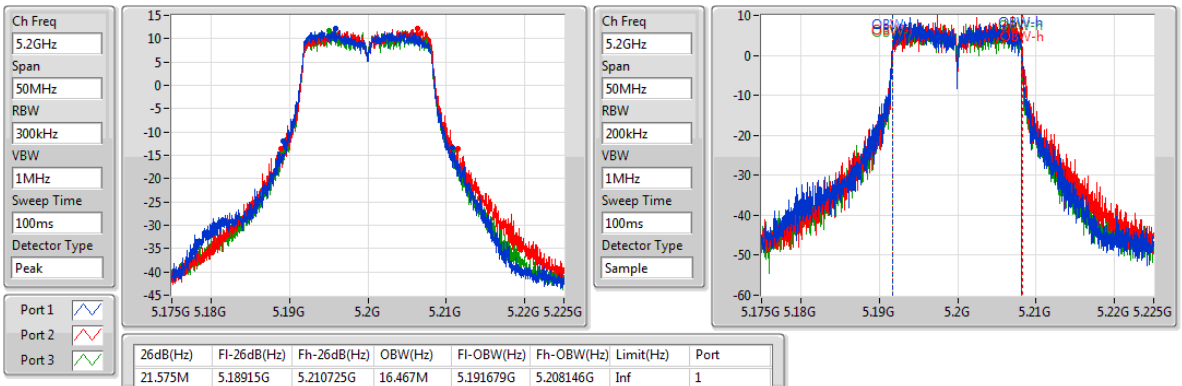
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.525M	5.1693G	5.190825G	16.492M	5.171679G	5.188171G	Inf	1
21.575M	5.16955G	5.191125G	16.542M	5.171729G	5.188271G	Inf	2
21.775M	5.16895G	5.190725G	16.467M	5.171729G	5.188196G	Inf	3

802.11a_(6Mbps)_3TX **EBW**

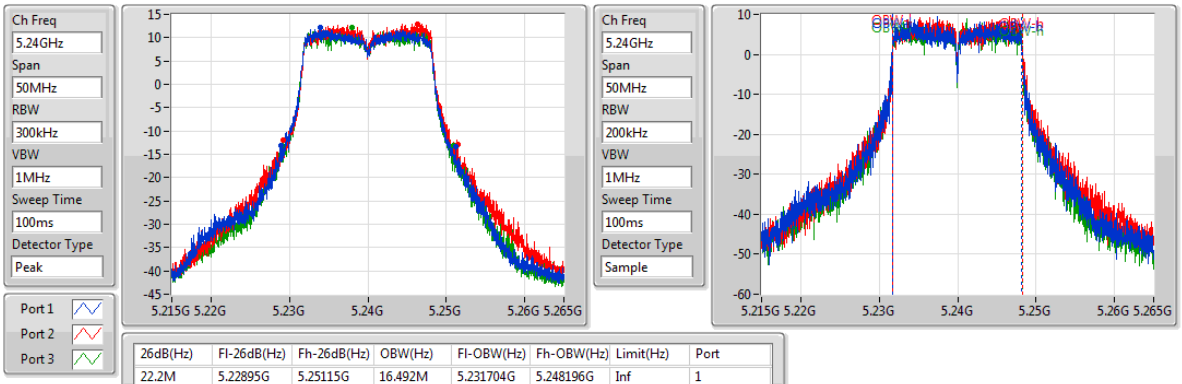
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.575M	5.18915G	5.210725G	16.467M	5.191679G	5.208146G	Inf	1
22.45M	5.188975G	5.211425G	16.492M	5.191754G	5.208246G	Inf	2
22M	5.189125G	5.211125G	16.492M	5.191704G	5.208196G	Inf	3

802.11a_(6Mbps)_3TX **EBW**

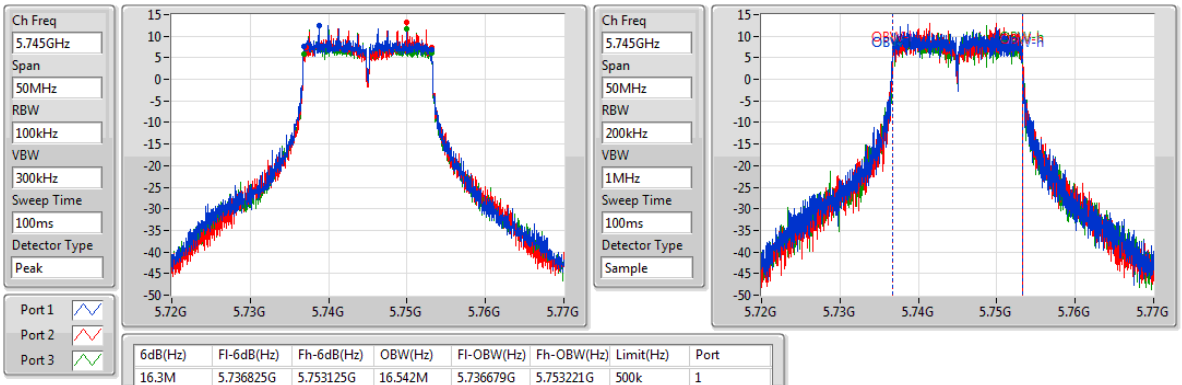
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	5.22895G	5.25115G	16.492M	5.231704G	5.248196G	Inf	1
22.2M	5.22925G	5.25145G	16.517M	5.231754G	5.248271G	Inf	2
21.85M	5.229025G	5.250875G	16.517M	5.231704G	5.248221G	Inf	3

802.11a_(6Mbps)_3TX **EBW**

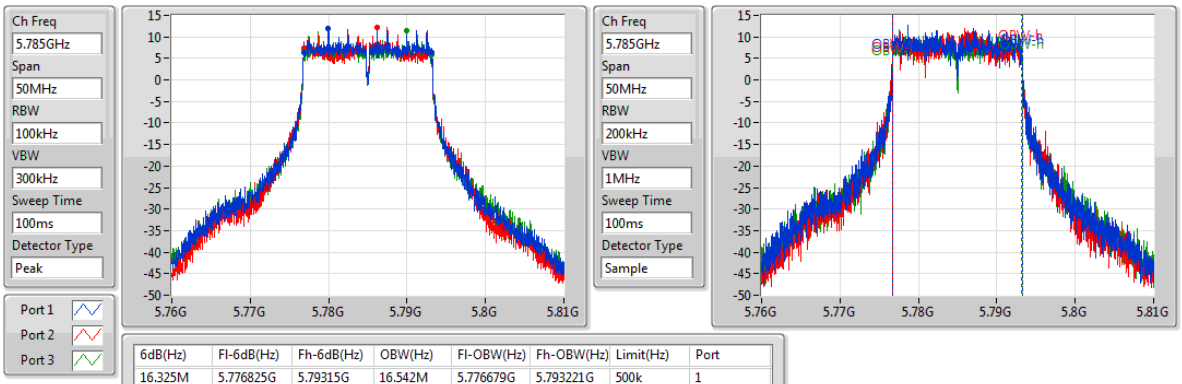
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.736825G	5.753125G	16.542M	5.736679G	5.753221G	500k	1
16.05M	5.7371G	5.75315G	16.467M	5.736754G	5.753221G	500k	2
16.35M	5.7368G	5.75315G	16.517M	5.736704G	5.753221G	500k	3

802.11a_(6Mbps)_3TX **EBW**

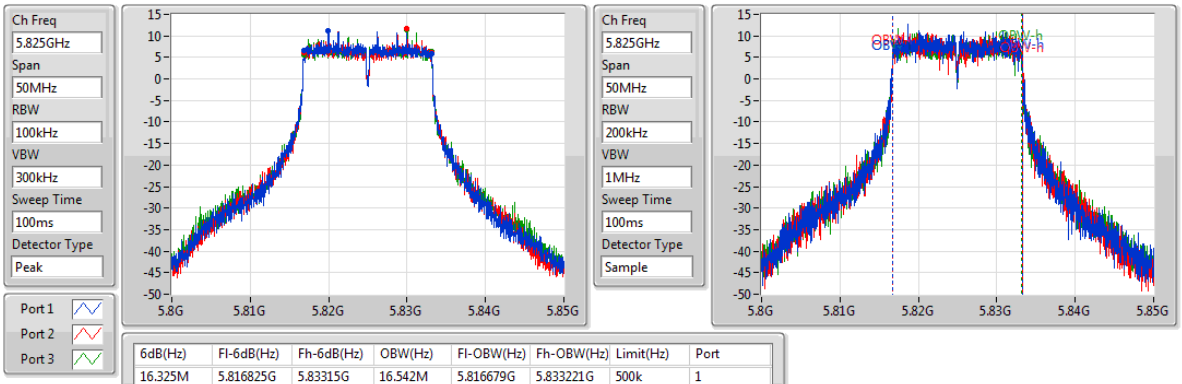
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.776825G	5.79315G	16.542M	5.776679G	5.793221G	500k	1
16.3M	5.776825G	5.793125G	16.517M	5.776679G	5.793196G	500k	2
16.325M	5.776825G	5.79315G	16.517M	5.776704G	5.793221G	500k	3

802.11a_(6Mbps)_3TX **EBW**

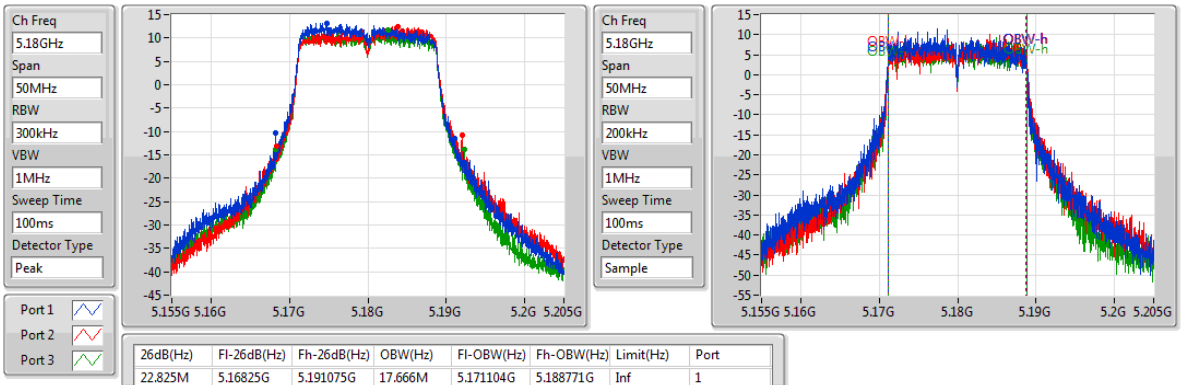
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.816825G	5.83315G	16.542M	5.816679G	5.833221G	500k	1
16.325M	5.816825G	5.83315G	16.517M	5.816729G	5.833246G	500k	2
16.325M	5.8168G	5.833125G	16.492M	5.816704G	5.833196G	500k	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

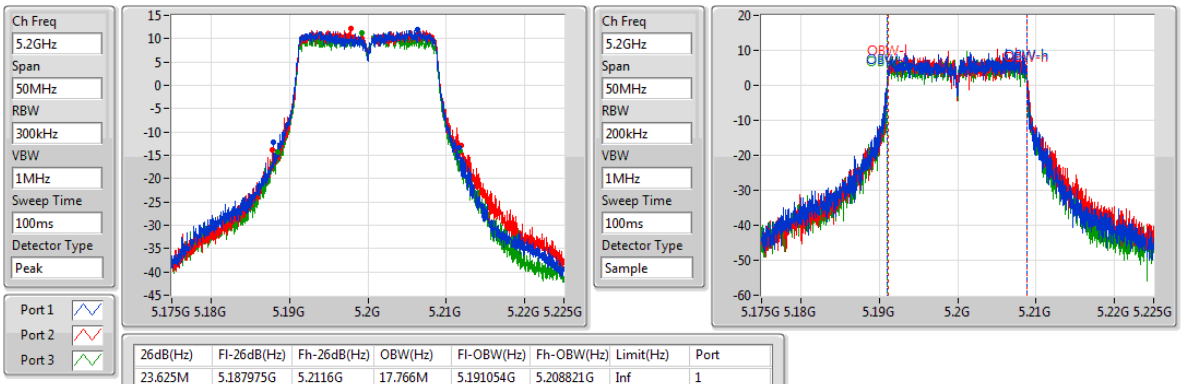
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.825M	5.16825G	5.191075G	17.666M	5.171104G	5.188771G	Inf	1
23.6M	5.1684G	5.192G	17.691M	5.171154G	5.188846G	Inf	2
24.025M	5.168275G	5.1923G	17.716M	5.171104G	5.188821G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

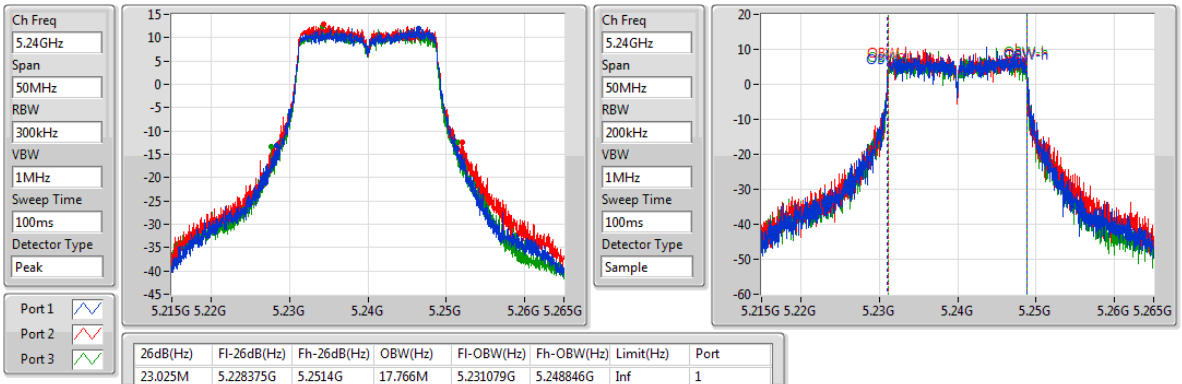
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.625M	5.187975G	5.2116G	17.766M	5.191054G	5.208821G	Inf	1
24.125M	5.18785G	5.211975G	17.716M	5.191129G	5.208846G	Inf	2
23.225M	5.188525G	5.21175G	17.716M	5.191079G	5.208796G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX EBW

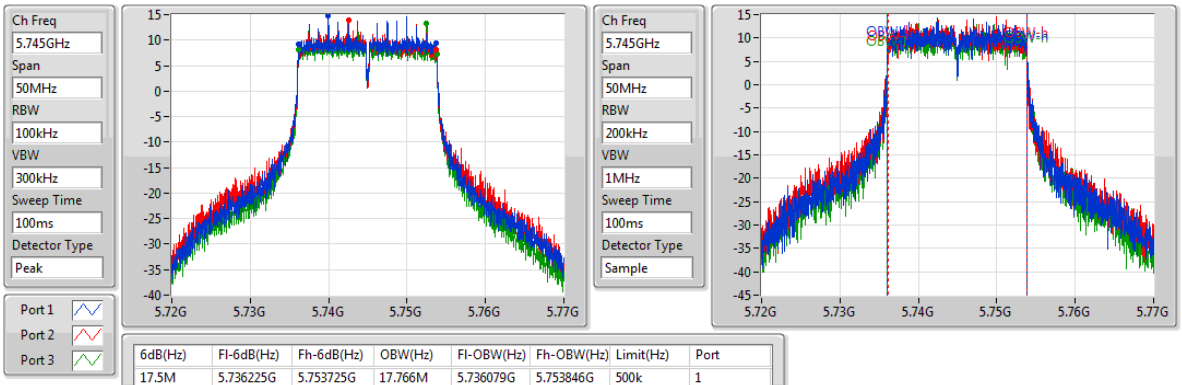
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.025M	5.228375G	5.2514G	17.766M	5.231079G	5.248846G	Inf	1
23.525M	5.2285G	5.252025G	17.716M	5.231104G	5.248821G	Inf	2
23.8M	5.22765G	5.25145G	17.691M	5.231104G	5.248796G	Inf	3

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

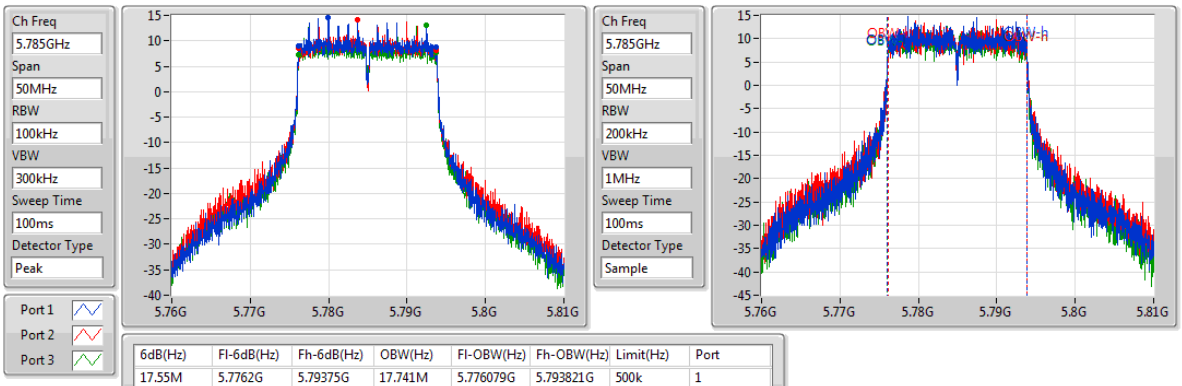
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.736225G	5.753725G	17.766M	5.736079G	5.753846G	500k	1
17.55M	5.7362G	5.75375G	17.691M	5.736104G	5.753796G	500k	2
17.575M	5.7362G	5.753775G	17.741M	5.736079G	5.753821G	500k	3

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

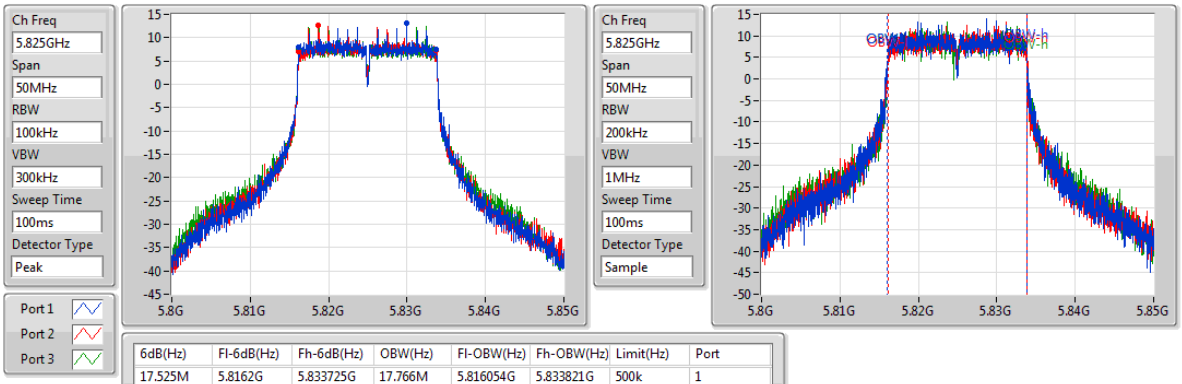
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.7762G	5.79375G	17.741M	5.776079G	5.793821G	500k	1
17.525M	5.7762G	5.793725G	17.691M	5.776129G	5.793821G	500k	2
17.55M	5.7762G	5.79375G	17.741M	5.776079G	5.793821G	500k	3

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

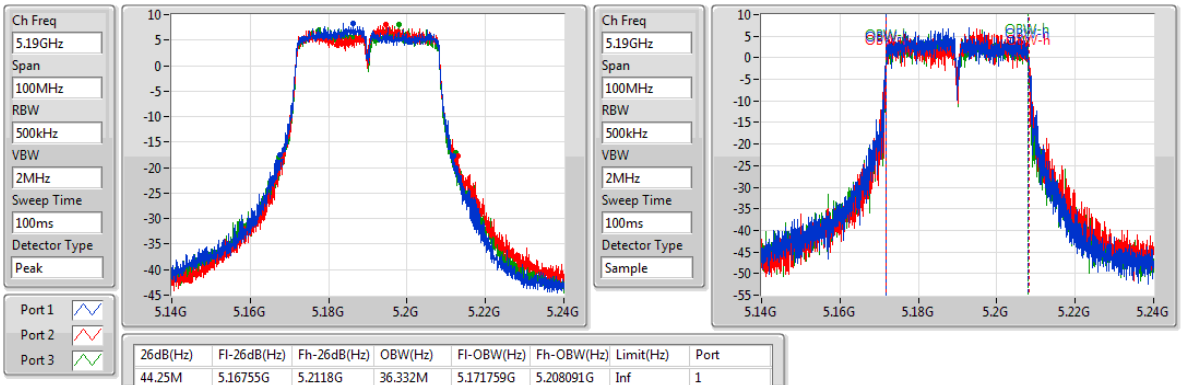
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.8162G	5.833725G	17.766M	5.816054G	5.833821G	500k	1
17.55M	5.8162G	5.83375G	17.691M	5.816104G	5.833796G	500k	2
17.275M	5.816225G	5.8335G	17.741M	5.816079G	5.833821G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

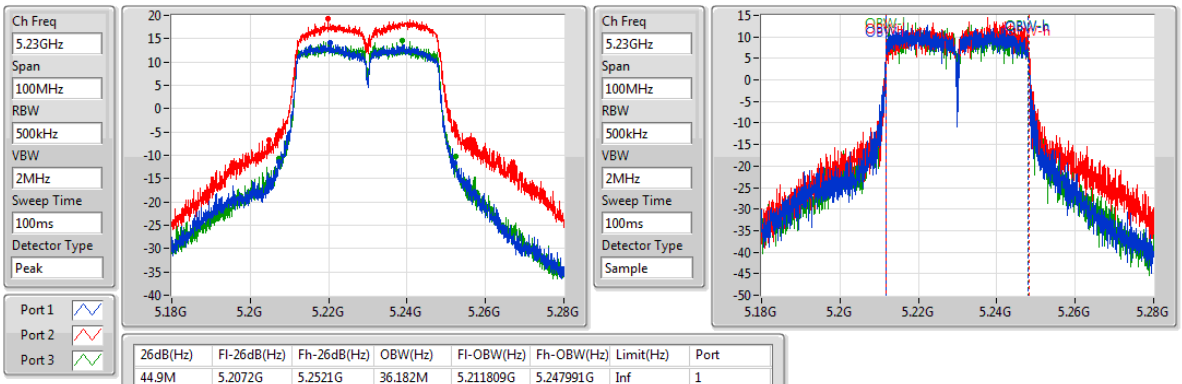
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.25M	5.16755G	5.2118G	36.332M	5.171759G	5.208091G	Inf	1
44.65M	5.1682G	5.21285G	36.282M	5.171859G	5.208141G	Inf	2
45.1M	5.16725G	5.21235G	36.232M	5.171859G	5.208091G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

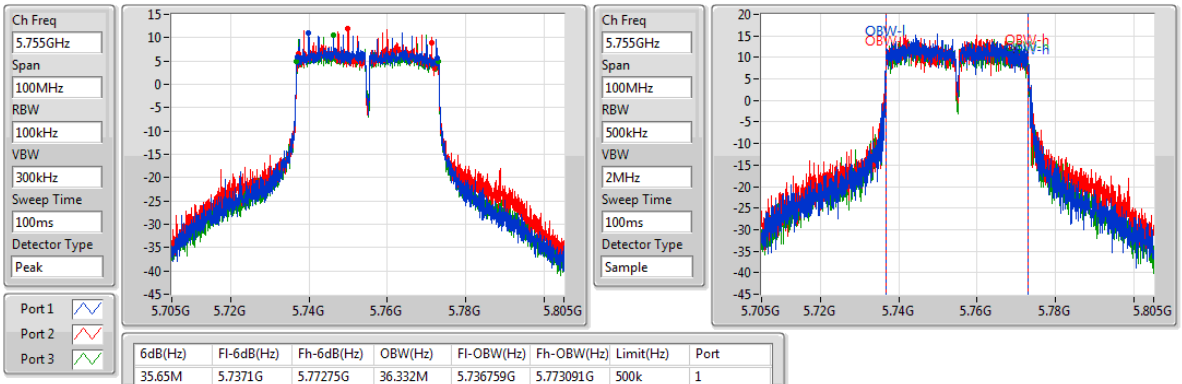
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.9M	5.2072G	5.2521G	36.182M	5.211809G	5.247991G	Inf	1
52.3M	5.2047G	5.257G	36.282M	5.211859G	5.248141G	Inf	2
45.05M	5.20725G	5.2523G	36.332M	5.211759G	5.248091G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX EBW

5755MHz

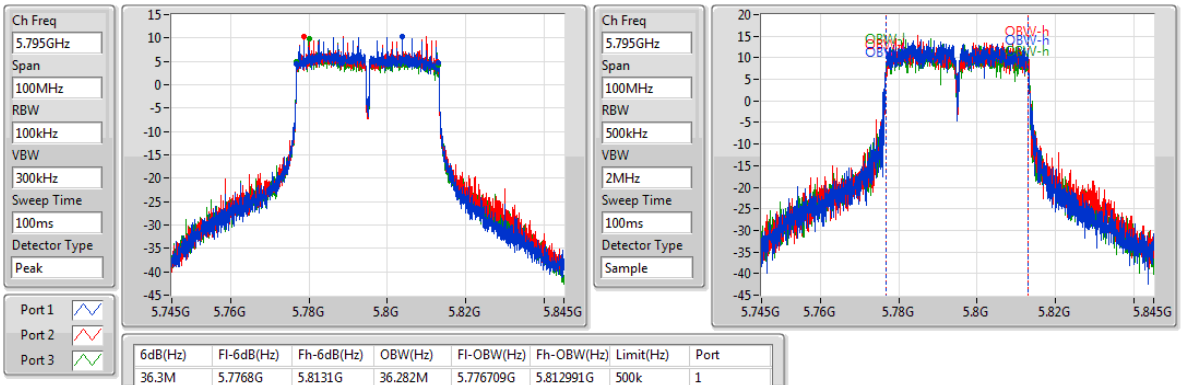


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	5.7371G	5.77275G	36.332M	5.736759G	5.773091G	500k	1
33.9M	5.7374G	5.7713G	36.332M	5.736759G	5.773091G	500k	2
36.3M	5.7368G	5.7731G	36.232M	5.736809G	5.773041G	500k	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5795MHz

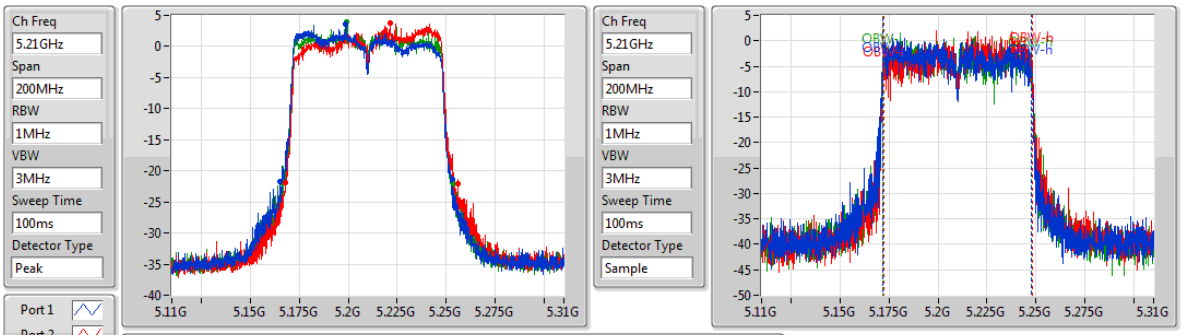


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7768G	5.8131G	36.282M	5.776709G	5.812991G	500k	1
35.85M	5.77685G	5.8127G	36.282M	5.776809G	5.813091G	500k	2
36.3M	5.7768G	5.8131G	36.282M	5.776759G	5.813041G	500k	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5210MHz

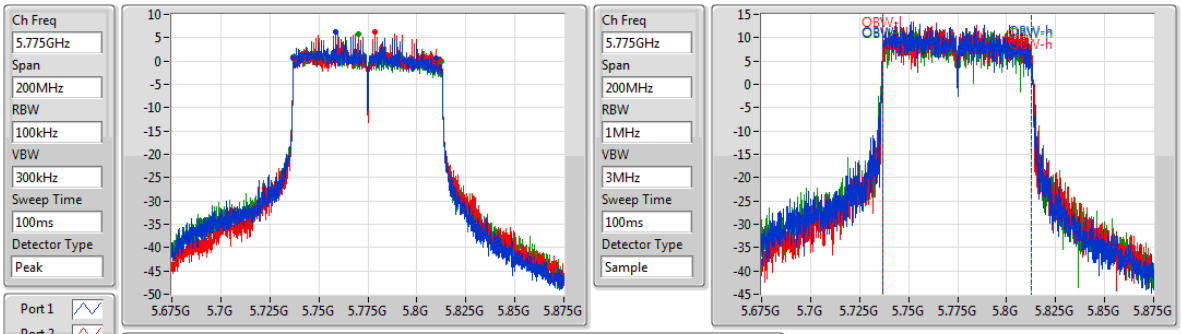


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.7M	5.1654G	5.2531G	75.762M	5.171919G	5.247681G	Inf	1
88.3M	5.1678G	5.2561G	75.562M	5.172419G	5.247981G	Inf	2
87.6M	5.1663G	5.2539G	75.762M	5.172019G	5.247781G	Inf	3

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
72.9M	5.7371G	5.81G	75.562M	5.736919G	5.812481G	500k	1
73.8M	5.7375G	5.8113G	75.662M	5.737019G	5.812681G	500k	2
75.7M	5.7368G	5.8125G	75.862M	5.736819G	5.812681G	500k	3

Summary

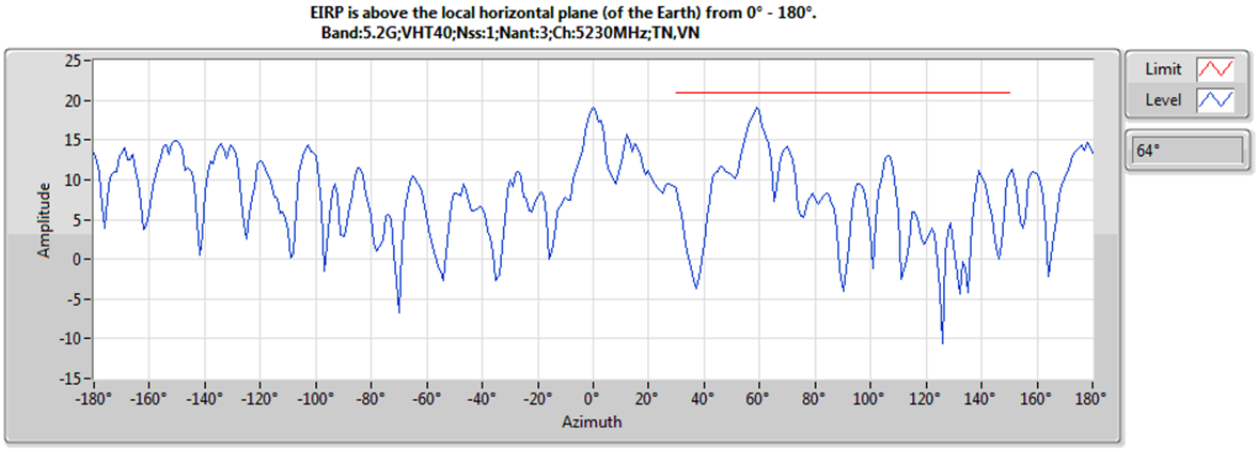
Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11a_(6Mbps)_3TX	-	-	-	-
5.15-5.25GHz	25.27	0.33651	30.68	1.16950
5.725-5.85GHz	27.98	0.62806	33.56	2.26986
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	25.73	0.37411	31.14	1.30017
5.725-5.85GHz	29.43	0.87700	35.01	3.16957
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	28.08	0.64269	33.49	2.23357
5.725-5.85GHz	29.39	0.86896	34.97	3.14051
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-
5.15-5.25GHz	15.26	0.03357	20.67	0.11668
5.725-5.85GHz	27.06	0.50816	32.64	1.83654

Result

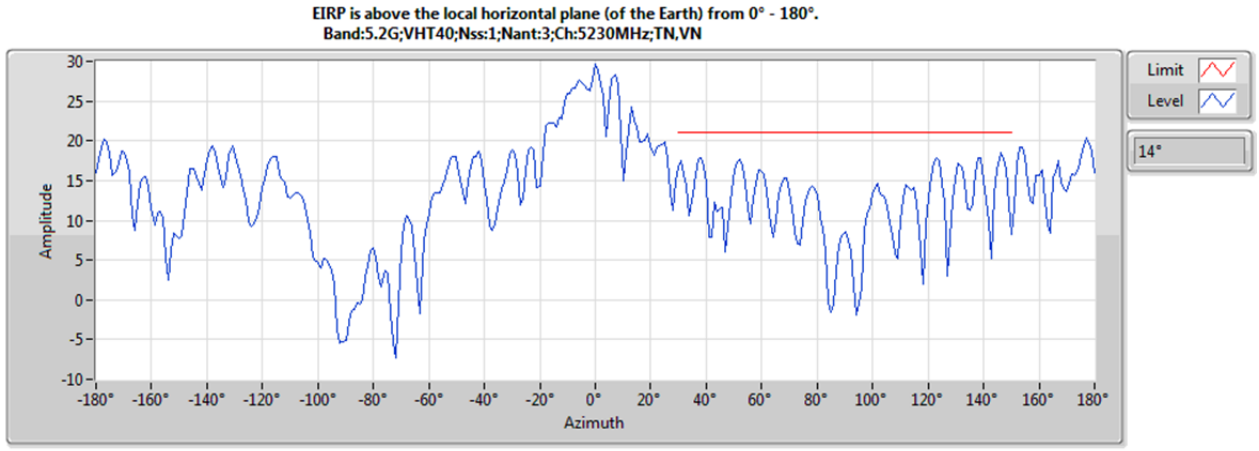
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.41	21.04	20.59	19.79	25.27	30.00	30.68	36.00
5200MHz	Pass	5.41	20.18	20.41	19.58	24.84	30.00	30.25	36.00
5240MHz	Pass	5.41	20.27	21.01	19.88	25.19	30.00	30.60	36.00
5745MHz	Pass	5.58	23.51	23.34	22.75	27.98	30.00	33.56	36.00
5785MHz	Pass	5.58	23.31	22.88	22.64	27.72	30.00	33.30	36.00
5825MHz	Pass	5.58	22.80	22.28	22.48	27.30	30.00	32.88	36.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.41	21.62	20.93	20.21	25.73	30.00	31.14	36.00
5200MHz	Pass	5.41	20.63	20.87	19.91	25.26	30.00	30.67	36.00
5240MHz	Pass	5.41	20.63	21.29	20.43	25.57	30.00	30.98	36.00
5745MHz	Pass	5.58	24.93	24.99	23.97	29.43	30.00	35.01	36.00
5785MHz	Pass	5.58	24.76	24.83	23.81	29.26	30.00	34.84	36.00
5825MHz	Pass	5.58	24.06	24.04	23.72	28.71	30.00	34.29	36.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.41	16.83	16.69	16.23	21.36	30.00	26.77	36.00
5230MHz	Pass	5.41	23.10	23.81	22.96	28.08	30.00	33.49	36.00
5755MHz	Pass	5.58	24.79	24.87	24.17	29.39	30.00	34.97	36.00
5795MHz	Pass	5.58	24.07	24.09	23.50	28.66	30.00	34.24	36.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.41	10.47	10.67	10.32	15.26	30.00	20.67	36.00
5775MHz	Pass	5.58	22.44	22.41	21.99	27.06	30.00	32.64	36.00

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

Vertical axis of measure Antenna



Horizontal axis of measure Antenna



Note: The red line is EIRP limit (21dBm) for 30 ~ 150 degree.

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-
5.15-5.25GHz	12.64	22.82
5.725-5.85GHz	13.98	24.33
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	12.81	22.99
5.725-5.85GHz	15.25	25.60
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	12.42	22.60
5.725-5.85GHz	12.77	23.12
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-
5.15-5.25GHz	-3.03	7.15
5.725-5.85GHz	7.45	17.80

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

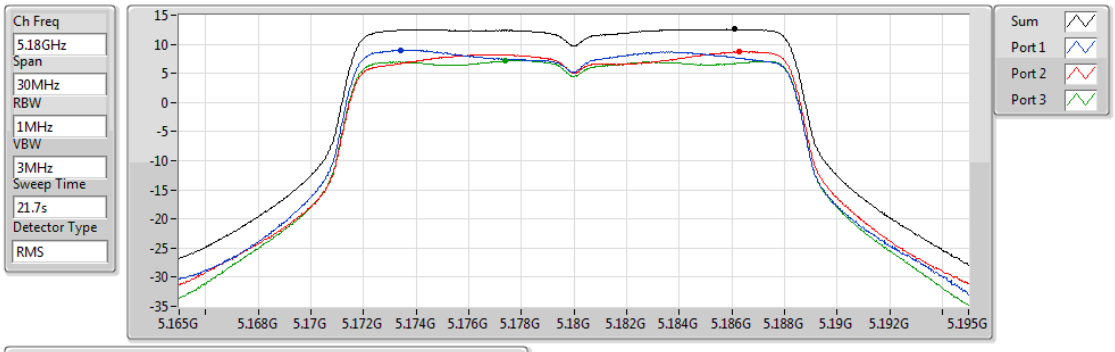
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	10.18	9.03	8.73	7.20	12.56	12.82	22.74	Inf
5200MHz	Pass	10.18	7.96	8.31	7.06	12.33	12.82	22.51	Inf
5240MHz	Pass	10.18	8.12	8.89	7.29	12.64	12.82	22.82	Inf
5745MHz	Pass	10.35	9.41	10.07	8.78	13.98	25.65	24.33	Inf
5785MHz	Pass	10.35	9.14	9.85	8.58	13.76	25.65	24.11	Inf
5825MHz	Pass	10.35	8.65	8.63	8.43	13.29	25.65	23.64	Inf
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	10.18	8.85	8.37	7.07	12.57	12.82	22.75	Inf
5200MHz	Pass	10.18	7.74	8.02	6.92	12.22	12.82	22.40	Inf
5240MHz	Pass	10.18	7.94	8.81	7.73	12.81	12.82	22.99	Inf
5745MHz	Pass	10.35	10.56	11.15	9.78	15.25	25.65	25.60	Inf
5785MHz	Pass	10.35	10.51	10.91	9.82	15.16	25.65	25.51	Inf
5825MHz	Pass	10.35	9.40	9.51	9.15	14.03	25.65	24.38	Inf
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	10.18	1.60	1.45	0.53	5.47	12.82	15.65	Inf
5230MHz	Pass	10.18	7.60	8.64	7.27	12.42	12.82	22.60	Inf
5755MHz	Pass	10.35	8.06	8.42	7.53	12.77	25.65	23.12	Inf
5795MHz	Pass	10.35	7.47	7.63	6.85	12.08	25.65	22.43	Inf
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	10.18	-7.25	-6.44	-8.03	-3.03	12.82	7.15	Inf
5775MHz	Pass	10.35	2.96	3.05	2.50	7.45	25.65	17.80	Inf

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

802.11a_(6Mbps)_3TX PSD

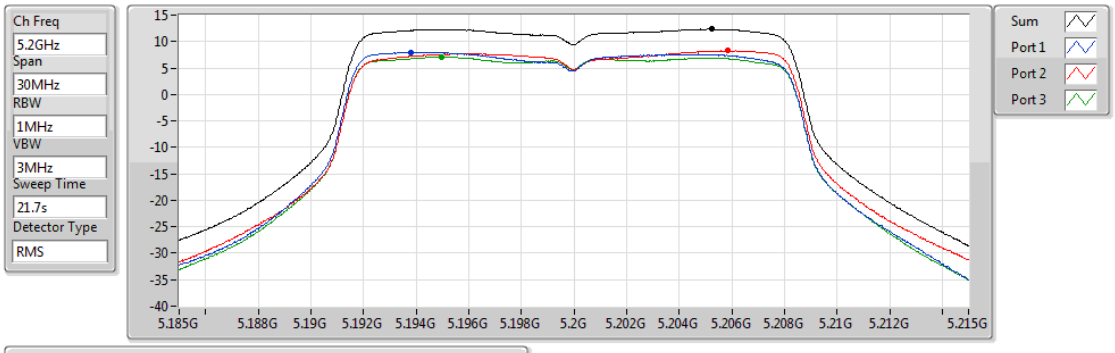
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.56	12.56	9.03	8.73	7.20

802.11a_(6Mbps)_3TX PSD

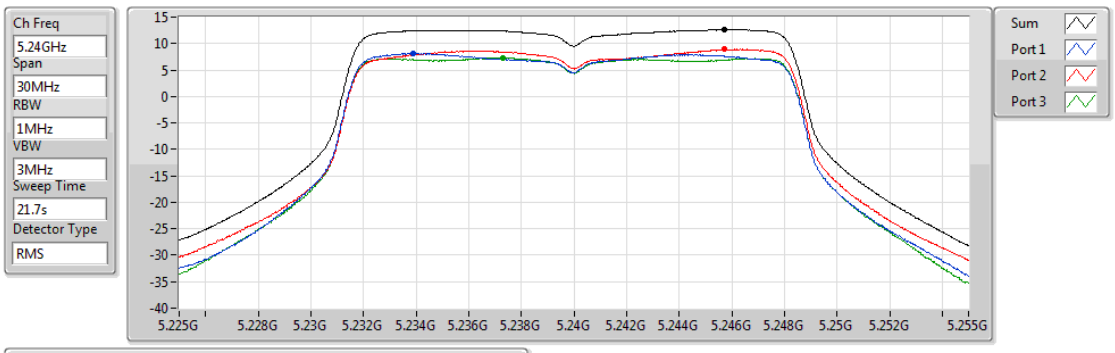
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.33	12.33	7.96	8.31	7.06

802.11a_(6Mbps)_3TX PSD

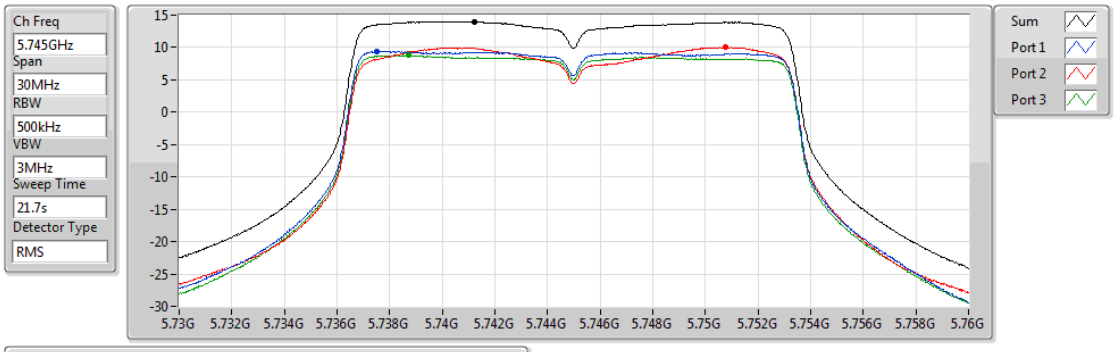
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	8.12	8.89	7.29

802.11a_(6Mbps)_3TX **PSD**

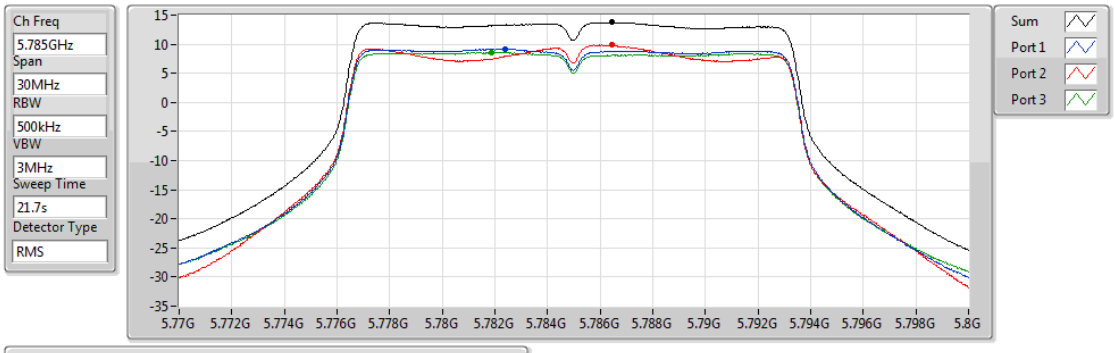
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.98	13.98	9.41	10.07	8.78

802.11a_(6Mbps)_3TX **PSD**

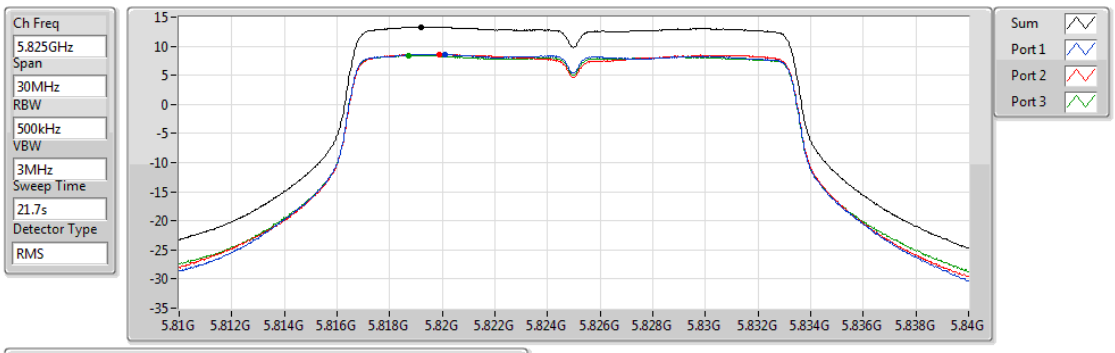
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.76	13.76	9.14	9.85	8.58

802.11a_(6Mbps)_3TX **PSD**

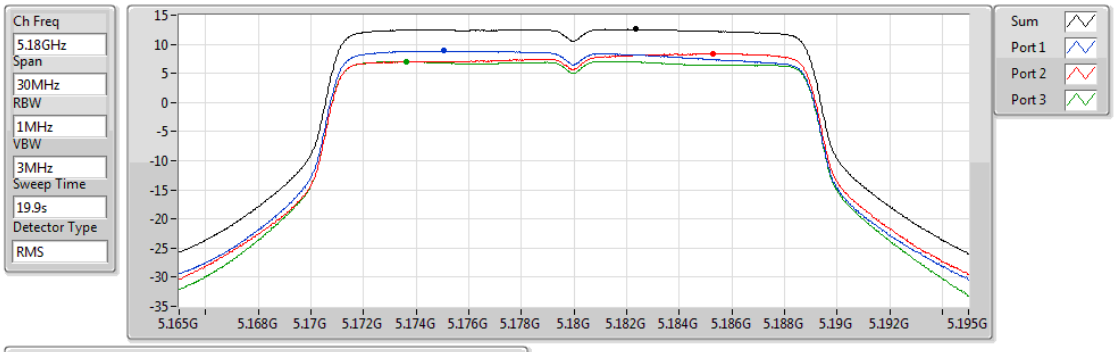
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.29	13.29	8.65	8.63	8.43

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

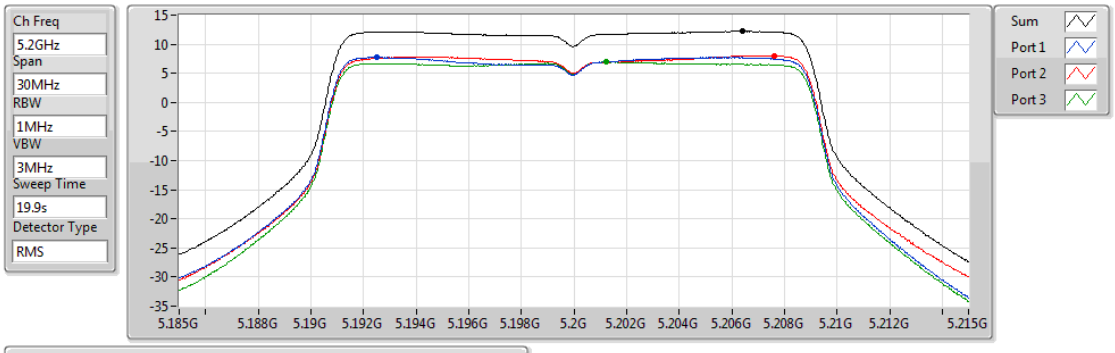
5180MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.57	12.57	8.85	8.37	7.07

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

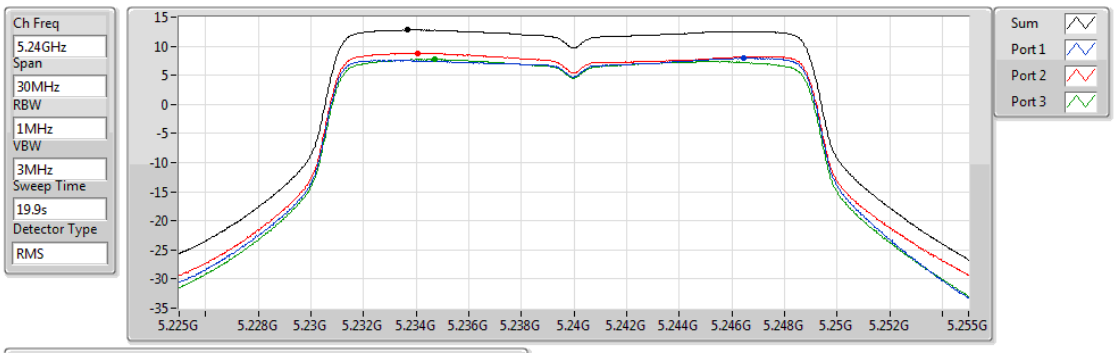
5200MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	7.74	8.02	6.92

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

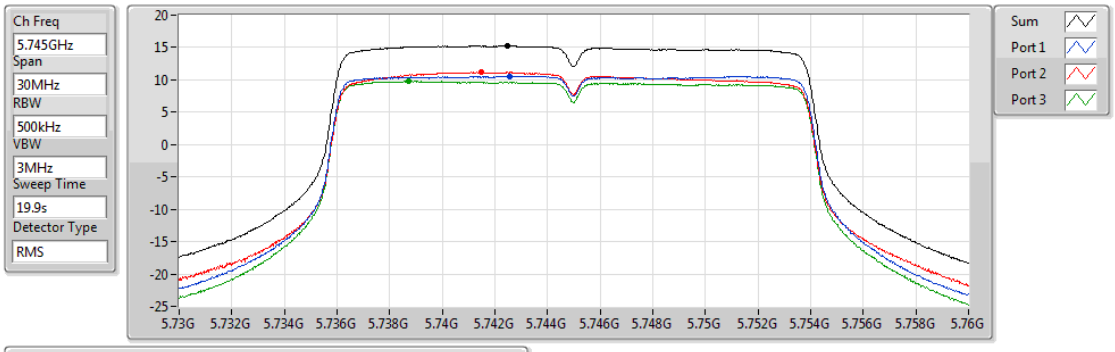
5240MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	7.94	8.81	7.73

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

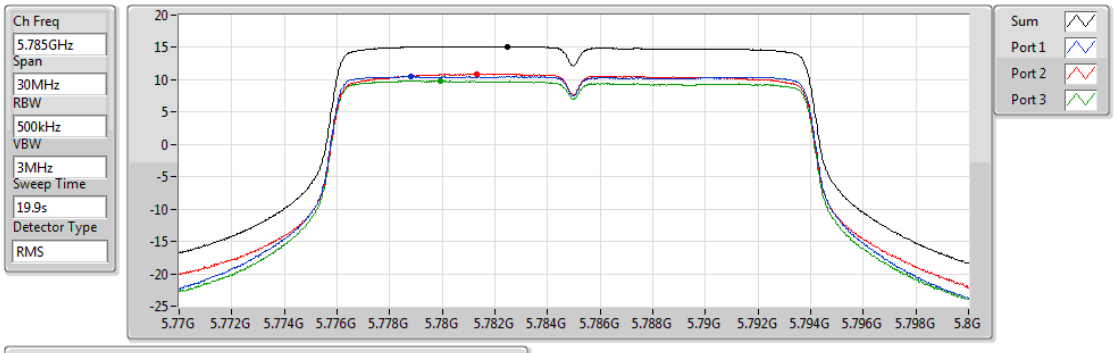
5745MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.25	15.25	10.56	11.15	9.78

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

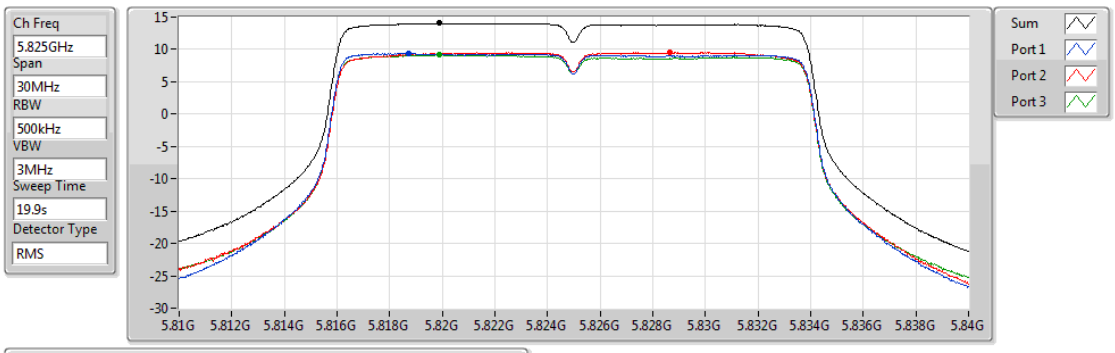
5785MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.16	15.16	10.51	10.91	9.82

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

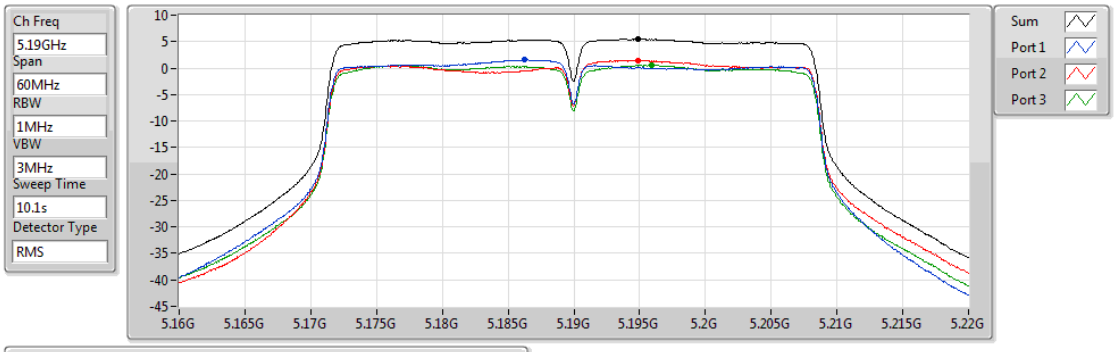
5825MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	9.40	9.51	9.15

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

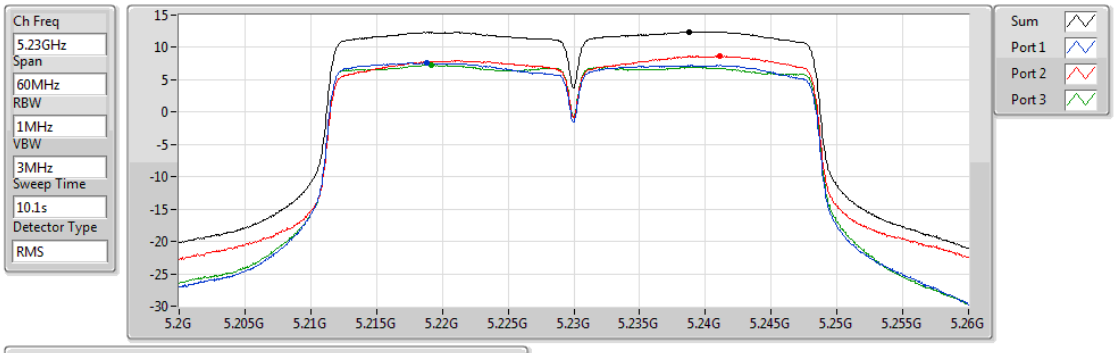
5190MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	1.60	1.45	0.53

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

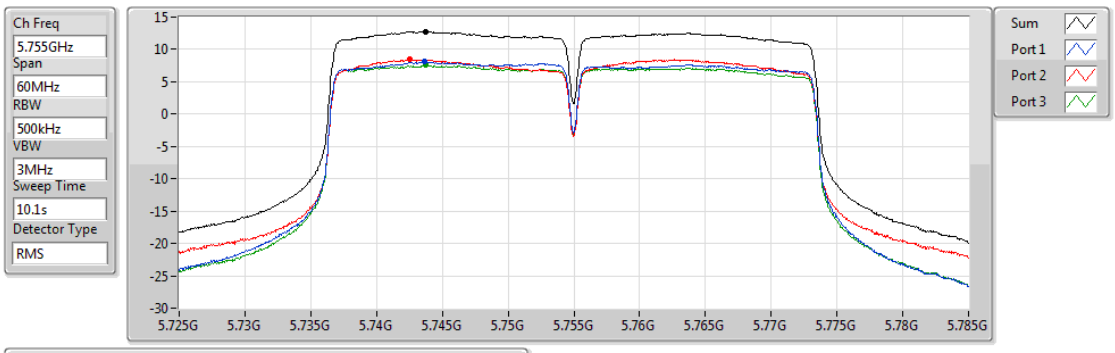
5230MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.42	12.42	7.60	8.64	7.27

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

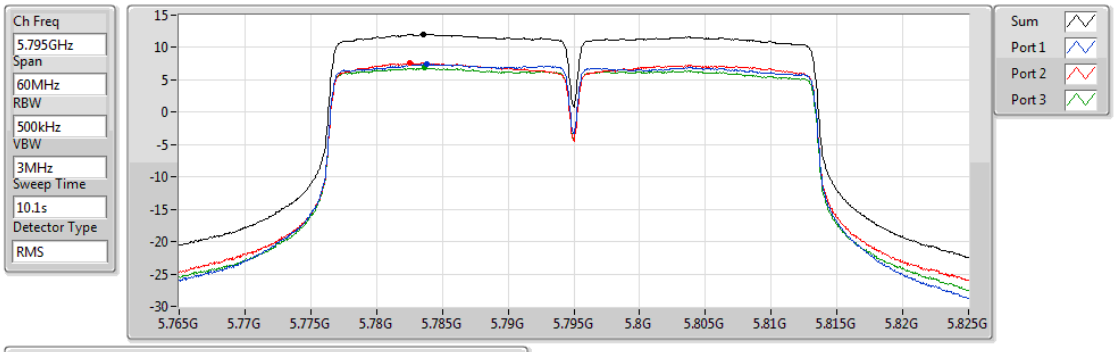
5755MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.77	12.77	8.06	8.42	7.53

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

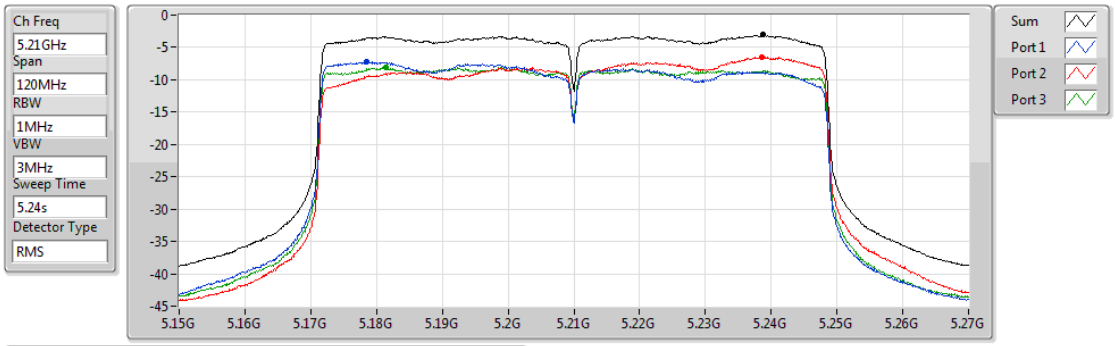
5795MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.08	12.08	7.47	7.63	6.85

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

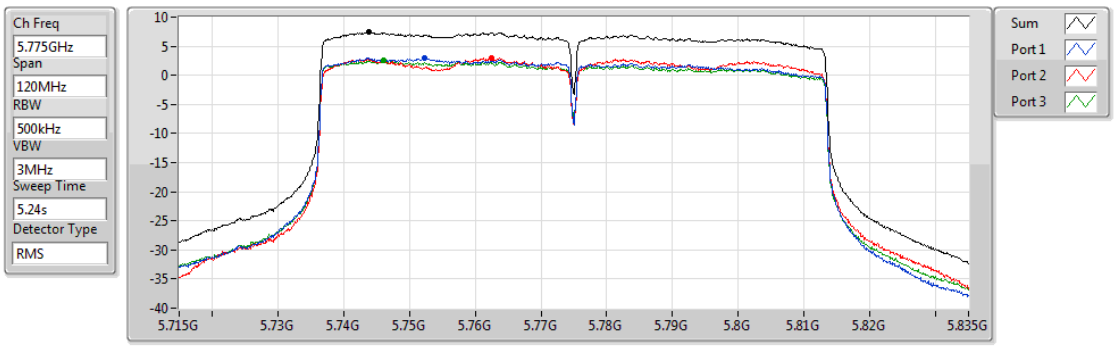
5210MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.03	-3.03	-7.25	-6.44	-8.03

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)
7.45	7.45	2.96	3.05	2.50

Summary

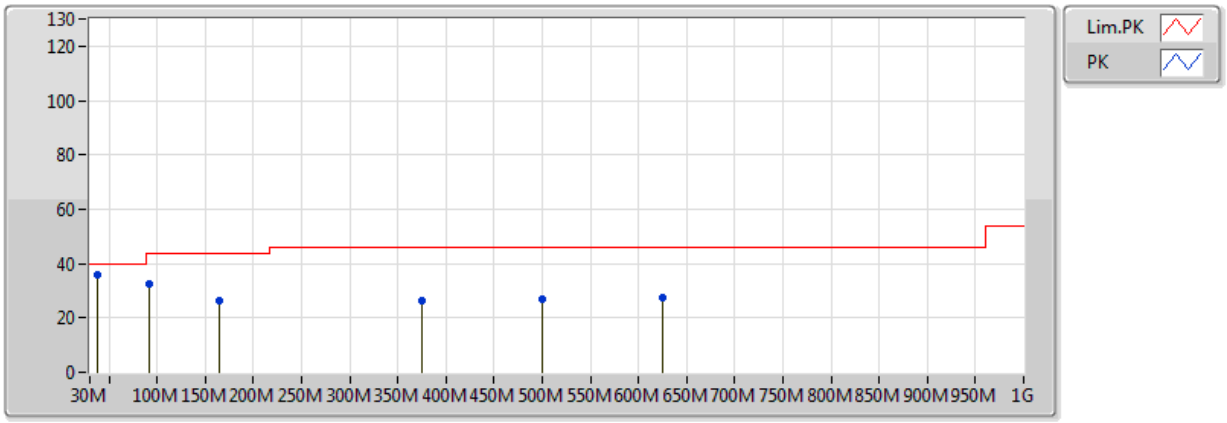
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	37.76M	36.01	40.00	-3.99	-13.95	3	V	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	39.7M	30.06	40.00	-9.94	-13.93	3	H	0	1.00	-
5775MHz	Pass	PK	94.02M	30.16	43.50	-13.34	-13.52	3	H	0	1.00	-
5775MHz	Pass	PK	165.8M	26.35	43.50	-17.15	-12.99	3	H	0	1.00	-
5775MHz	Pass	PK	375.32M	27.12	46.00	-18.88	-11.42	3	H	0	1.00	-
5775MHz	Pass	PK	499.48M	24.40	46.00	-21.60	-10.48	3	H	0	1.00	-
5775MHz	Pass	PK	625.58M	30.58	46.00	-15.42	-9.54	3	H	0	1.00	-
5775MHz	Pass	PK	37.76M	36.01	40.00	-3.99	-13.95	3	V	360	1.00	-
5775MHz	Pass	PK	92.08M	32.54	43.50	-10.96	-13.54	3	V	360	1.00	-
5775MHz	Pass	PK	163.86M	26.19	43.50	-17.31	-13.00	3	V	360	1.00	-
5775MHz	Pass	PK	375.32M	26.21	46.00	-19.79	-11.42	3	V	360	1.00	-
5775MHz	Pass	PK	499.48M	26.62	46.00	-19.38	-10.48	3	V	360	1.00	-
5775MHz	Pass	PK	625.58M	27.25	46.00	-18.75	-9.54	3	V	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_PoE

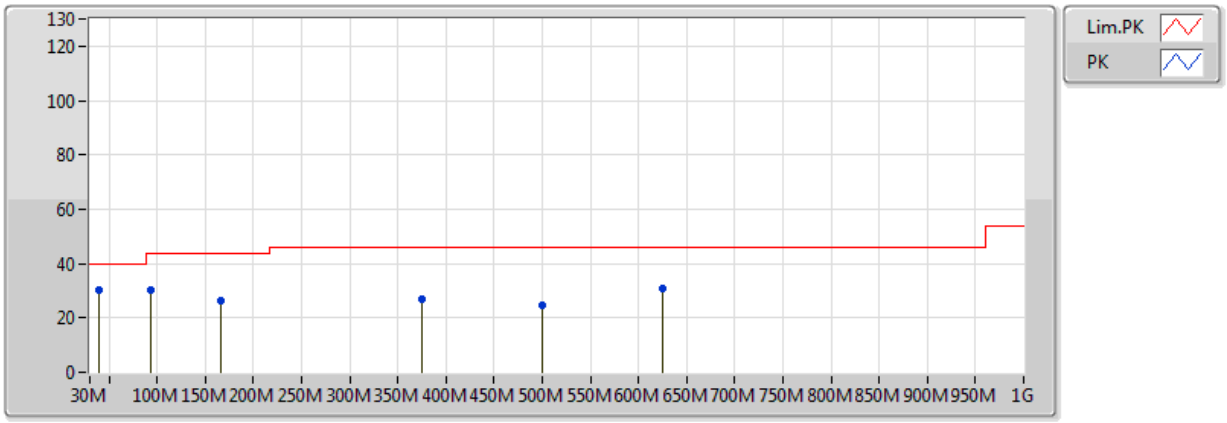


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	37.76M	36.01	40.00	-3.99	-13.95	3	V	360	1.00	-
PK	92.08M	32.54	43.50	-10.96	-13.54	3	V	360	1.00	-
PK	163.86M	26.19	43.50	-17.31	-13.00	3	V	360	1.00	-
PK	375.32M	26.21	46.00	-19.79	-11.42	3	V	360	1.00	-
PK	499.48M	26.62	46.00	-19.38	-10.48	3	V	360	1.00	-
PK	625.58M	27.25	46.00	-18.75	-9.54	3	V	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_PoE



EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
PK	39.7M	30.06	40.00	-9.94	-13.93	3	H	0	1.00	-
PK	94.02M	30.16	43.50	-13.34	-13.52	3	H	0	1.00	-
PK	165.8M	26.35	43.50	-17.15	-12.99	3	H	0	1.00	-
PK	375.32M	27.12	46.00	-18.88	-11.42	3	H	0	1.00	-
PK	499.48M	24.40	46.00	-21.60	-10.48	3	H	0	1.00	-
PK	625.58M	30.58	46.00	-15.42	-9.54	3	H	0	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.1496G	53.44	54.00	-0.56	7.15	3	H	188	1.50	-
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	PK	5.6398G	67.54	68.20	-0.66	8.14	3	H	358	1.04	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	52.17	54.00	-1.83	7.15	3	H	183	1.08	-
5180MHz	Pass	AV	5.1794G	108.90	Inf	-Inf	7.21	3	H	183	1.08	-
5180MHz	Pass	AV	10.36G	45.83	54.00	-8.17	17.03	3	H	360	1.50	-
5180MHz	Pass	PK	5.149995G	67.48	74.00	-6.52	7.15	3	H	183	1.08	-
5180MHz	Pass	PK	5.1806G	119.65	Inf	-Inf	7.22	3	H	183	1.08	-
5180MHz	Pass	PK	10.36G	57.98	74.00	-16.02	17.02	3	H	360	1.50	-
5180MHz	Pass	AV	10.36G	46.57	54.00	-7.43	17.01	3	V	0	1.50	-
5180MHz	Pass	PK	10.36G	58.05	74.00	-15.95	17.02	3	V	0	1.50	-
5200MHz	Pass	AV	5.149995G	52.75	54.00	-1.25	7.15	3	H	185	1.02	-
5200MHz	Pass	AV	5.2044G	115.00	Inf	-Inf	7.27	3	H	185	1.02	-
5200MHz	Pass	AV	10.4G	47.35	54.00	-6.65	17.07	3	H	360	1.50	-
5200MHz	Pass	PK	5.1436G	67.07	74.00	-6.93	7.14	3	H	185	1.02	-
5200MHz	Pass	PK	5.1944G	125.61	Inf	-Inf	7.25	3	H	185	1.02	-
5200MHz	Pass	PK	10.4G	59.50	74.00	-14.50	17.05	3	H	360	1.50	-
5200MHz	Pass	AV	15.6G	50.69	54.00	-3.31	17.48	3	V	146	2.36	-
5200MHz	Pass	PK	15.6G	62.89	74.00	-11.11	17.48	3	V	146	2.36	-
5240MHz	Pass	AV	5.147G	50.06	54.00	-3.94	7.14	3	H	186	1.02	-
5240MHz	Pass	AV	5.2448G	114.75	Inf	-Inf	7.36	3	H	186	1.02	-
5240MHz	Pass	AV	5.366G	51.23	54.00	-2.77	7.63	3	H	186	1.02	-
5240MHz	Pass	AV	15.72G	50.21	54.00	-3.79	17.11	3	H	76	3.43	-
5240MHz	Pass	PK	5.1344G	62.49	74.00	-11.51	7.12	3	H	186	1.02	-
5240MHz	Pass	PK	5.2448G	124.99	Inf	-Inf	7.36	3	H	186	1.02	-
5240MHz	Pass	PK	5.3708G	65.22	74.00	-8.78	7.64	3	H	186	1.02	-
5240MHz	Pass	PK	15.72G	64.31	74.00	-9.69	17.11	3	H	76	3.43	-
5240MHz	Pass	AV	15.72G	50.11	54.00	-3.89	17.11	3	V	53	1.78	-
5240MHz	Pass	PK	15.72G	65.43	74.00	-8.57	17.11	3	V	53	1.78	-
5745MHz	Pass	AV	5.7426G	112.30	Inf	-Inf	8.31	3	H	181	3.33	-
5745MHz	Pass	AV	11.49G	48.68	54.00	-5.32	17.68	3	H	187	1.94	-
5745MHz	Pass	PK	5.5554G	65.83	68.20	-2.37	8.01	3	H	181	3.33	-
5745MHz	Pass	PK	5.7426G	123.21	Inf	-Inf	8.31	3	H	181	3.33	-
5745MHz	Pass	PK	5.9562G	61.96	68.20	-6.24	8.66	3	H	181	3.33	-
5745MHz	Pass	PK	11.49G	61.78	74.00	-12.22	17.68	3	H	187	1.94	-
5745MHz	Pass	AV	11.49G	45.77	54.00	-8.23	17.68	3	V	151	3.44	-
5745MHz	Pass	AV	17.235G	50.87	54.00	-3.13	21.73	3	V	77	2.76	-
5745MHz	Pass	PK	11.49G	59.77	74.00	-14.23	17.68	3	V	151	3.44	-
5745MHz	Pass	PK	17.235G	64.04	74.00	-9.96	21.73	3	V	77	2.76	-
5785MHz	Pass	AV	5.7802G	111.88	Inf	-Inf	8.38	3	H	0	1.02	-
5785MHz	Pass	AV	11.57G	47.22	54.00	-6.78	17.62	3	H	188	2.00	-
5785MHz	Pass	PK	5.6314G	66.33	68.20	-1.87	8.13	3	H	0	1.02	-
5785MHz	Pass	PK	5.7802G	123.10	Inf	-Inf	8.38	3	H	0	1.02	-
5785MHz	Pass	PK	5.965G	62.51	68.20	-5.69	8.67	3	H	0	1.02	-
5785MHz	Pass	PK	11.57G	61.02	74.00	-12.98	17.62	3	H	188	2.00	-
5785MHz	Pass	AV	17.355G	50.74	54.00	-3.26	22.54	3	V	46	1.58	-
5785MHz	Pass	PK	17.355G	65.34	74.00	-8.66	22.54	3	V	46	1.58	-
5825MHz	Pass	AV	5.8202G	111.99	Inf	-Inf	8.44	3	H	180	2.39	-
5825MHz	Pass	AV	11.65G	47.07	54.00	-6.93	17.57	3	H	76	1.37	-
5825MHz	Pass	AV	17.475G	50.90	54.00	-3.10	23.35	3	H	117	2.51	-

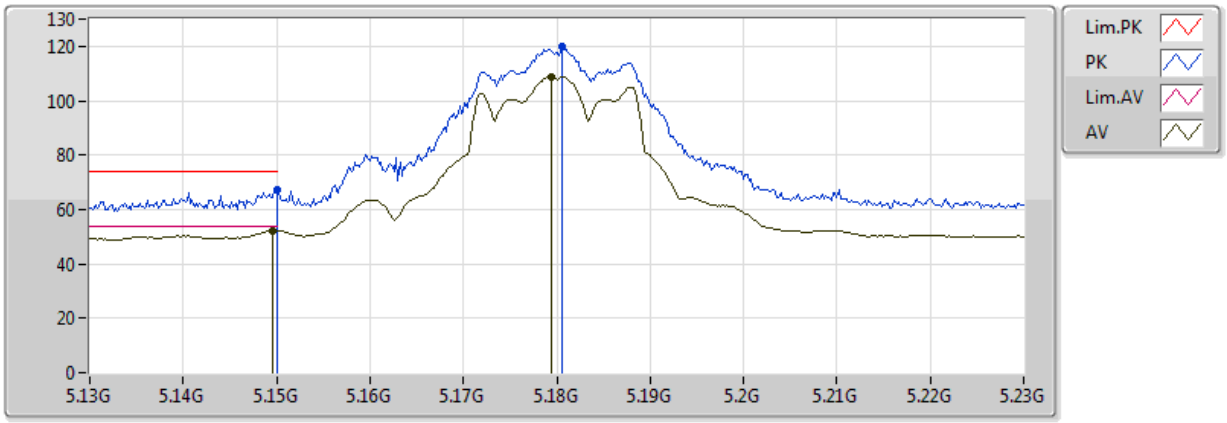
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.5286G	65.50	68.20	-2.70	7.97	3	H	180	2.39	-
5825MHz	Pass	PK	5.8298G	122.75	Inf	-Inf	8.46	3	H	180	2.39	-
5825MHz	Pass	PK	5.9702G	62.04	68.20	-6.16	8.68	3	H	180	2.39	-
5825MHz	Pass	PK	11.65G	61.57	74.00	-12.43	17.57	3	H	76	1.37	-
5825MHz	Pass	PK	17.475G	66.11	74.00	-7.89	23.35	3	H	117	2.51	-
5825MHz	Pass	AV	11.65G	45.57	54.00	-8.43	17.57	3	V	255	1.53	-
5825MHz	Pass	PK	11.65G	59.57	74.00	-14.43	17.57	3	V	255	1.53	-
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1496G	53.02	54.00	-0.98	7.15	3	H	183	1.01	-
5180MHz	Pass	AV	5.188G	108.56	Inf	-Inf	7.23	3	H	183	1.01	-
5180MHz	Pass	AV	10.36G	46.09	54.00	-7.91	17.01	3	H	360	1.50	-
5180MHz	Pass	PK	5.149995G	70.96	74.00	-3.04	7.15	3	H	183	1.01	-
5180MHz	Pass	PK	5.1852G	119.65	Inf	-Inf	7.23	3	H	183	1.01	-
5180MHz	Pass	PK	10.36G	58.39	74.00	-15.61	17.01	3	H	360	1.50	-
5180MHz	Pass	AV	15.54G	47.26	54.00	-6.74	17.67	3	V	0	1.50	-
5180MHz	Pass	PK	15.54G	58.96	74.00	-15.04	17.67	3	V	0	1.50	-
5200MHz	Pass	AV	5.1496G	53.44	54.00	-0.56	7.15	3	H	188	1.50	-
5200MHz	Pass	AV	5.1928G	111.46	Inf	-Inf	7.24	3	H	188	1.50	-
5200MHz	Pass	AV	15.6G	48.48	54.00	-5.52	17.48	3	H	128	1.08	-
5200MHz	Pass	PK	5.1484G	69.31	74.00	-4.69	7.15	3	H	188	1.50	-
5200MHz	Pass	PK	5.1956G	121.85	Inf	-Inf	7.25	3	H	188	1.50	-
5200MHz	Pass	PK	15.6G	62.68	74.00	-11.32	17.48	3	H	128	1.08	-
5200MHz	Pass	AV	15.6G	50.78	54.00	-3.22	17.48	3	V	144	3.14	-
5200MHz	Pass	PK	15.6G	66.08	74.00	-7.92	17.48	3	V	144	3.14	-
5240MHz	Pass	AV	5.1488G	49.99	54.00	-4.01	7.15	3	H	186	1.00	-
5240MHz	Pass	AV	5.2478G	114.16	Inf	-Inf	7.37	3	H	186	1.00	-
5240MHz	Pass	AV	5.366G	51.44	54.00	-2.56	7.63	3	H	186	1.00	-
5240MHz	Pass	AV	15.72G	49.71	54.00	-4.29	17.11	3	H	59	1.09	-
5240MHz	Pass	PK	5.147G	62.26	74.00	-11.74	7.14	3	H	186	1.00	-
5240MHz	Pass	PK	5.2484G	124.11	Inf	-Inf	7.37	3	H	186	1.00	-
5240MHz	Pass	PK	5.3816G	64.34	74.00	-9.66	7.66	3	H	186	1.00	-
5240MHz	Pass	PK	15.72G	64.61	74.00	-9.39	17.11	3	H	59	1.09	-
5240MHz	Pass	AV	15.72G	50.91	54.00	-3.09	17.11	3	V	143	1.78	-
5240MHz	Pass	PK	15.72G	65.71	74.00	-8.29	17.11	3	V	143	1.78	-
5745MHz	Pass	AV	5.7462G	113.82	Inf	-Inf	8.32	3	H	181	2.24	-
5745MHz	Pass	AV	11.49G	46.68	54.00	-7.32	17.68	3	H	72	1.50	-
5745MHz	Pass	PK	5.5158G	66.21	68.20	-1.99	7.95	3	H	181	2.24	-
5745MHz	Pass	PK	5.7462G	124.92	Inf	-Inf	8.32	3	H	181	2.24	-
5745MHz	Pass	PK	5.9574G	62.20	68.20	-6.00	8.66	3	H	181	2.24	-
5745MHz	Pass	PK	11.49G	60.88	74.00	-13.12	17.68	3	H	72	1.50	-
5745MHz	Pass	AV	11.49G	45.08	54.00	-8.92	17.68	3	V	111	1.50	-
5745MHz	Pass	AV	17.235G	50.65	54.00	-3.35	21.73	3	V	226	2.14	-
5745MHz	Pass	PK	11.49G	59.18	74.00	-14.82	17.68	3	V	111	1.50	-
5745MHz	Pass	PK	17.235G	64.53	74.00	-9.47	21.73	3	V	226	2.14	-
5785MHz	Pass	AV	5.7778G	113.56	Inf	-Inf	8.37	3	H	184	3.67	-
5785MHz	Pass	AV	11.57G	44.42	54.00	-9.58	17.62	3	H	283	1.51	-
5785MHz	Pass	PK	5.5258G	65.04	68.20	-3.16	7.96	3	H	184	3.67	-
5785MHz	Pass	PK	5.779G	124.23	Inf	-Inf	8.37	3	H	184	3.67	-
5785MHz	Pass	PK	5.9686G	62.58	68.20	-5.62	8.68	3	H	184	3.67	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	11.57G	57.93	74.00	-16.07	17.62	3	H	283	1.51	-
5785MHz	Pass	AV	11.57G	44.15	54.00	-9.85	17.62	3	V	61	1.50	-
5785MHz	Pass	AV	17.355G	50.89	54.00	-3.11	22.54	3	V	225	1.65	-
5785MHz	Pass	PK	11.57G	58.22	74.00	-15.78	17.62	3	V	61	1.50	-
5785MHz	Pass	PK	17.355G	65.14	74.00	-8.86	22.54	3	V	225	1.65	-
5825MHz	Pass	AV	5.8214G	112.49	Inf	-Inf	8.44	3	H	2	1.02	-
5825MHz	Pass	AV	11.65G	45.77	54.00	-8.23	17.57	3	H	73	1.54	-
5825MHz	Pass	AV	17.475G	50.46	54.00	-3.54	23.35	3	H	97	2.55	-
5825MHz	Pass	PK	5.5898G	65.63	68.20	-2.57	8.06	3	H	2	1.02	-
5825MHz	Pass	PK	5.8226G	124.05	Inf	-Inf	8.45	3	H	2	1.02	-
5825MHz	Pass	PK	5.9606G	63.00	68.20	-5.20	8.67	3	H	2	1.02	-
5825MHz	Pass	PK	11.65G	60.17	74.00	-13.83	17.57	3	H	73	1.54	-
5825MHz	Pass	PK	17.475G	67.25	74.00	-6.75	23.35	3	H	97	2.55	-
5825MHz	Pass	AV	11.65G	44.57	54.00	-9.43	17.57	3	V	263	3.69	-
5825MHz	Pass	AV	17.475G	50.86	54.00	-3.14	23.35	3	V	52	1.79	-
5825MHz	Pass	PK	11.65G	58.07	74.00	-15.93	17.57	3	V	263	3.69	-
5825MHz	Pass	PK	17.475G	66.51	74.00	-7.49	23.35	3	V	52	1.79	-
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1488G	53.33	54.00	-0.67	7.15	3	H	182	1.03	-
5190MHz	Pass	AV	5.188G	100.63	Inf	-Inf	7.23	3	H	182	1.03	-
5190MHz	Pass	AV	10.38G	44.60	54.00	-9.40	17.05	3	H	269	1.50	-
5190MHz	Pass	PK	5.1488G	68.34	74.00	-5.66	7.15	3	H	182	1.03	-
5190MHz	Pass	PK	5.1884G	113.20	Inf	-Inf	7.23	3	H	182	1.03	-
5190MHz	Pass	PK	10.38G	58.71	74.00	-15.29	17.05	3	H	269	1.50	-
5190MHz	Pass	AV	10.38G	44.35	54.00	-9.65	17.05	3	V	219	1.50	-
5190MHz	Pass	PK	10.38G	58.65	74.00	-15.35	17.05	3	V	219	1.50	-
5230MHz	Pass	AV	5.149995G	52.57	54.00	-1.43	7.15	3	H	184	1.05	-
5230MHz	Pass	AV	5.2412G	109.31	Inf	-Inf	7.35	3	H	184	1.05	-
5230MHz	Pass	AV	15.69G	47.70	54.00	-6.30	17.20	3	H	68	1.01	-
5230MHz	Pass	PK	5.1488G	64.96	74.00	-9.04	7.15	3	H	184	1.05	-
5230MHz	Pass	PK	5.2412G	120.99	Inf	-Inf	7.35	3	H	184	1.05	-
5230MHz	Pass	PK	15.69G	60.40	74.00	-13.60	17.20	3	H	68	1.01	-
5230MHz	Pass	AV	15.69G	48.90	54.00	-5.10	17.20	3	V	145	1.60	-
5230MHz	Pass	PK	15.69G	63.90	74.00	-10.10	17.20	3	V	145	1.60	-
5755MHz	Pass	AV	5.7646G	110.66	Inf	-Inf	8.35	3	H	358	1.04	-
5755MHz	Pass	AV	11.51G	47.36	54.00	-6.64	17.66	3	H	181	1.01	-
5755MHz	Pass	AV	17.265G	50.49	54.00	-3.51	21.93	3	H	91	3.08	-
5755MHz	Pass	PK	5.6398G	67.54	68.20	-0.66	8.14	3	H	358	1.04	-
5755MHz	Pass	PK	5.7634G	123.39	Inf	-Inf	8.35	3	H	358	1.04	-
5755MHz	Pass	PK	5.9482G	62.49	68.20	-5.71	8.65	3	H	358	1.04	-
5755MHz	Pass	PK	11.51G	61.36	74.00	-12.64	17.66	3	H	181	1.01	-
5755MHz	Pass	PK	17.265G	64.23	74.00	-9.77	21.93	3	H	91	3.08	-
5755MHz	Pass	AV	11.51G	46.06	54.00	-7.94	17.66	3	V	77	1.01	-
5755MHz	Pass	AV	17.265G	50.86	54.00	-3.14	21.93	3	V	65	1.01	-
5755MHz	Pass	PK	11.51G	59.36	74.00	-14.64	17.66	3	V	75	1.01	-
5755MHz	Pass	PK	17.265G	64.94	74.00	-9.06	21.93	3	V	65	1.01	-
5795MHz	Pass	AV	5.783G	112.22	Inf	-Inf	8.38	3	H	358	1.02	-
5795MHz	Pass	AV	11.59G	46.51	54.00	-7.49	17.61	3	H	186	1.90	-
5795MHz	Pass	AV	17.385G	50.19	54.00	-3.81	22.74	3	H	295	2.22	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	5.5874G	63.31	68.20	-4.89	8.06	3	H	358	1.02	-
5795MHz	Pass	PK	5.783G	120.11	Inf	-Inf	8.38	3	H	358	1.02	-
5795MHz	Pass	PK	5.9378G	61.11	68.20	-7.09	8.63	3	H	358	1.02	-
5795MHz	Pass	PK	11.59G	59.61	74.00	-14.39	17.61	3	H	186	1.90	-
5795MHz	Pass	PK	17.385G	64.74	74.00	-9.26	22.74	3	H	295	2.22	-
5795MHz	Pass	AV	11.59G	44.21	54.00	-9.79	17.61	3	V	187	1.93	-
5795MHz	Pass	AV	17.385G	50.85	54.00	-3.15	22.74	3	V	158	1.43	-
5795MHz	Pass	PK	11.59G	58.81	74.00	-15.19	17.61	3	V	187	1.93	-
5795MHz	Pass	PK	17.385G	65.62	74.00	-8.38	22.74	3	V	158	1.43	-
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	53.33	54.00	-0.67	7.15	3	H	186	1.04	-
5210MHz	Pass	AV	5.23G	94.46	Inf	-Inf	7.33	3	H	186	1.04	-
5210MHz	Pass	AV	5.388G	49.09	54.00	-4.91	7.67	3	H	186	1.04	-
5210MHz	Pass	AV	10.42G	48.52	54.00	-5.48	17.11	3	H	159	1.50	-
5210MHz	Pass	PK	5.149G	67.92	74.00	-6.08	7.15	3	H	186	1.04	-
5210MHz	Pass	PK	5.199G	105.79	Inf	-Inf	7.26	3	H	186	1.04	-
5210MHz	Pass	PK	5.429G	61.34	74.00	-12.66	7.76	3	H	186	1.04	-
5210MHz	Pass	PK	10.42G	59.35	74.00	-14.65	17.11	3	H	110	1.50	-
5210MHz	Pass	AV	10.42G	48.48	54.00	-5.52	17.11	3	V	360	1.50	-
5210MHz	Pass	PK	10.42G	59.69	74.00	-14.31	17.11	3	V	360	1.50	-
5775MHz	Pass	AV	5.7474G	108.17	Inf	-Inf	8.32	3	H	0	3.69	-
5775MHz	Pass	AV	11.55G	45.91	54.00	-8.09	17.64	3	H	255	1.50	-
5775MHz	Pass	PK	5.6478G	67.22	68.20	-0.98	8.16	3	H	0	3.69	-
5775MHz	Pass	PK	5.7606G	117.90	Inf	-Inf	8.34	3	H	0	3.69	-
5775MHz	Pass	PK	5.925G	62.19	68.20	-6.01	8.61	3	H	0	3.69	-
5775MHz	Pass	PK	11.55G	56.49	74.00	-17.51	17.64	3	H	255	1.50	-
5775MHz	Pass	AV	11.55G	45.72	54.00	-8.28	17.64	3	V	144	1.50	-
5775MHz	Pass	PK	11.55G	57.82	74.00	-16.18	17.64	3	V	144	1.50	-

802.11a_(6Mbps)_3TX

5180MHz_TX

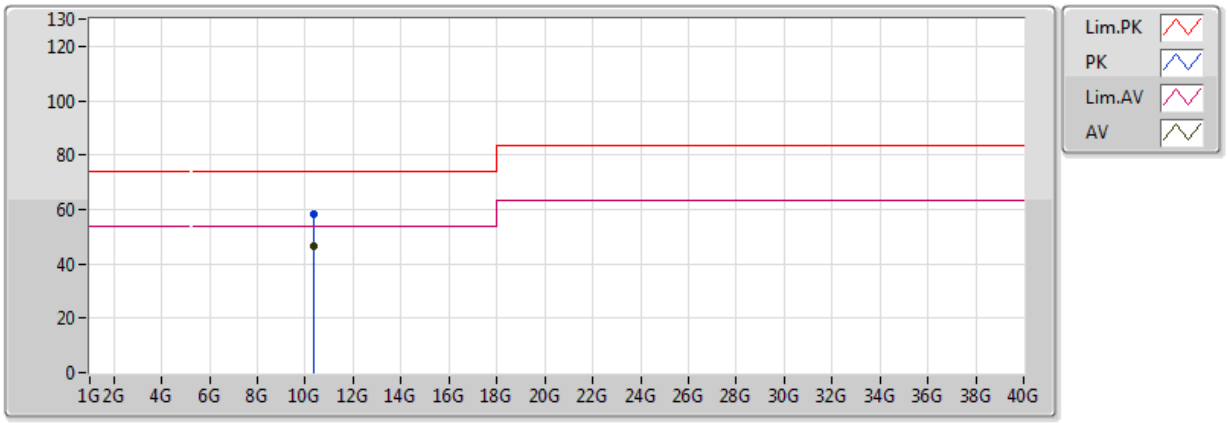


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	52.17	54.00	-1.83	7.15	3	H	183	1.08	-
AV	5.1794G	108.90	Inf	-Inf	7.21	3	H	183	1.08	-
PK	5.149995G	67.48	74.00	-6.52	7.15	3	H	183	1.08	-
PK	5.1806G	119.65	Inf	-Inf	7.22	3	H	183	1.08	-

802.11a_(6Mbps)_3TX

5180MHz_TX

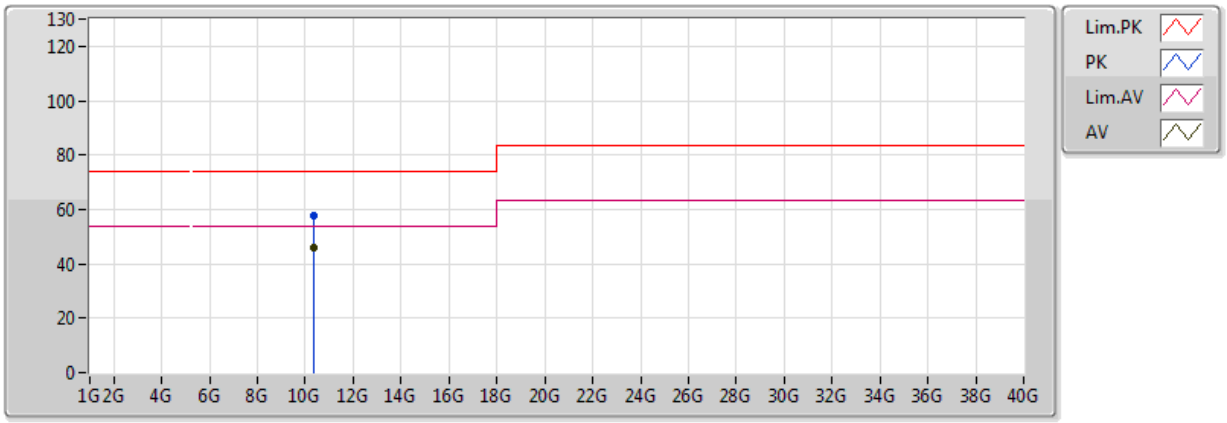


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.36G	46.57	54.00	-7.43	17.01	3	V	0	1.50	-
PK	10.36G	58.05	74.00	-15.95	17.01	3	V	0	1.50	-

802.11a_(6Mbps)_3TX

5180MHz_TX



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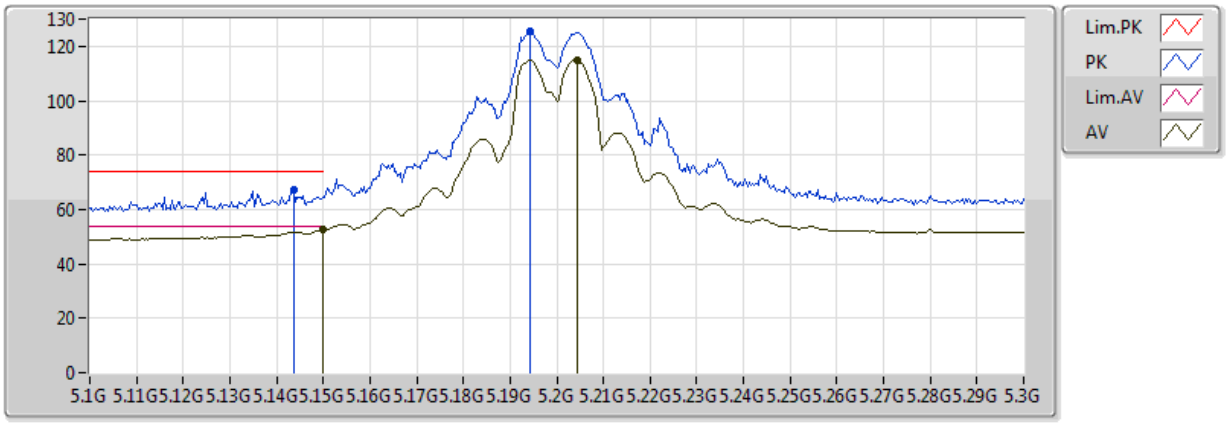
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.36G	45.83	54.00	-8.17	17.01	3	H	360	1.50	-
PK	10.36G	57.98	74.00	-16.02	17.01	3	H	360	1.50	-

802.11a_(6Mbps)_3TX

5200MHz_TX

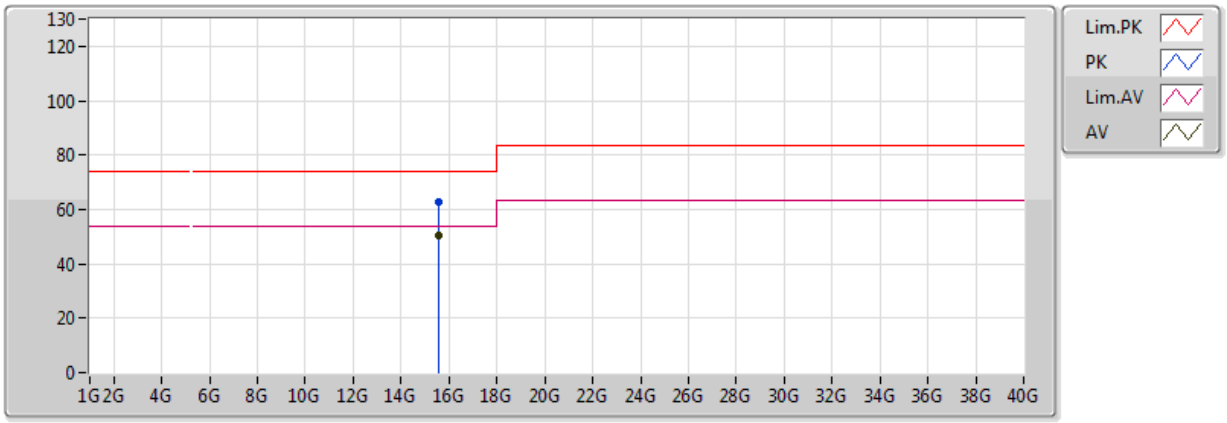


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.75	54.00	-1.25	7.15	3	H	185	1.02	-
AV	5.2044G	115.00	Inf	-Inf	7.27	3	H	185	1.02	-
PK	5.1436G	67.07	74.00	-6.93	7.14	3	H	185	1.02	-
PK	5.1944G	125.61	Inf	-Inf	7.25	3	H	185	1.02	-

802.11a_(6Mbps)_3TX

5200MHz_TX

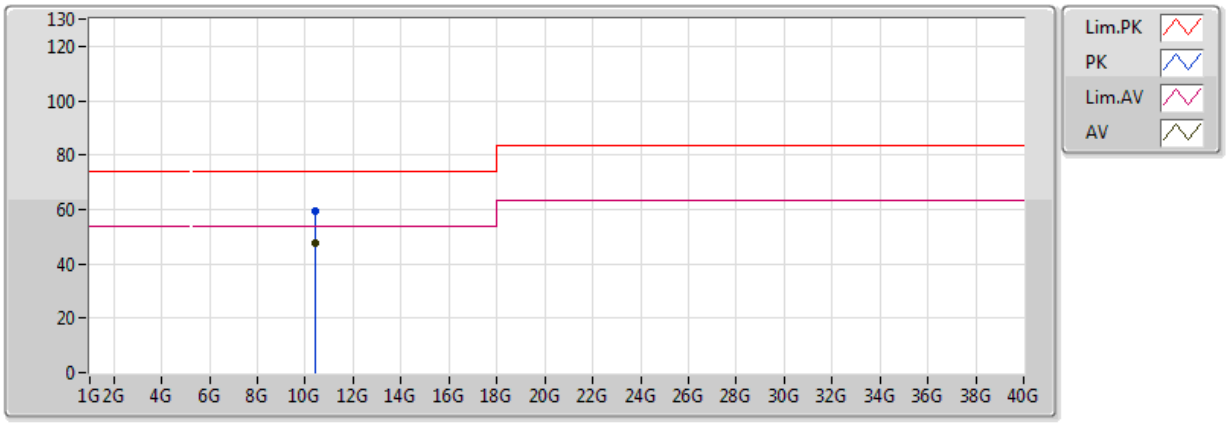


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	50.69	54.00	-3.31	17.48	3	V	146	2.36	-
PK	15.6G	62.89	74.00	-11.11	17.48	3	V	146	2.36	-

802.11a_(6Mbps)_3TX

5200MHz_TX

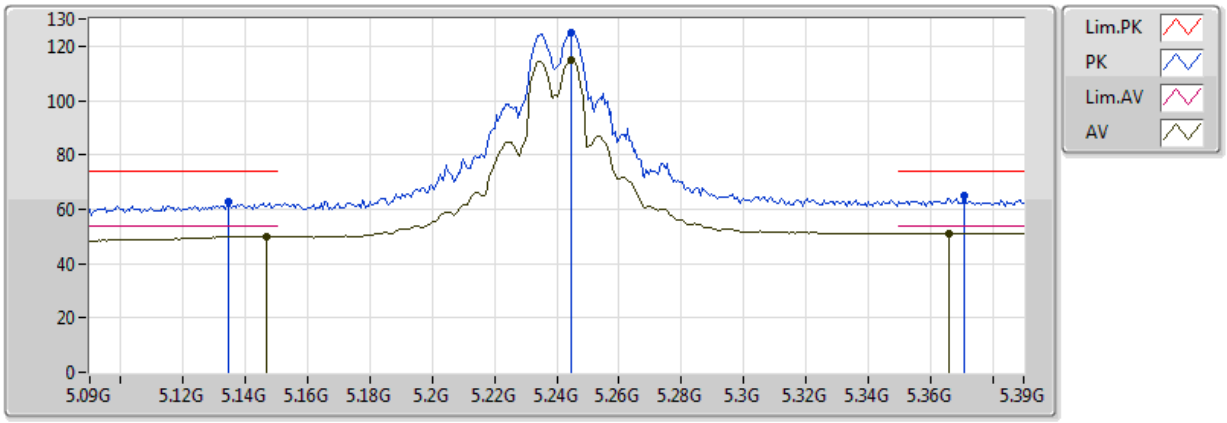


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.4G	47.35	54.00	-6.65	17.08	3	H	360	1.50	-
PK	10.4G	59.50	74.00	-14.50	17.08	3	H	360	1.50	-

802.11a_(6Mbps)_3TX

5240MHz_TX

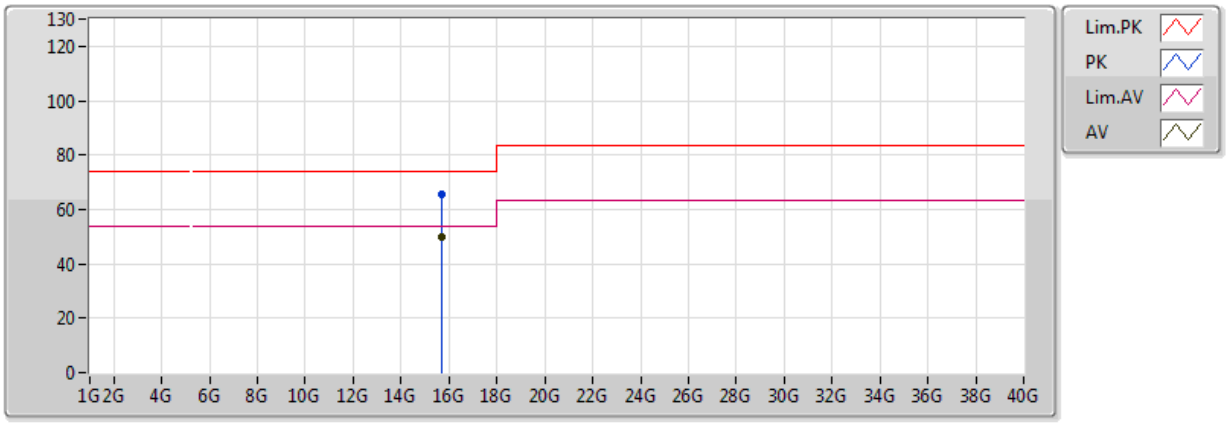


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.147G	50.06	54.00	-3.94	7.14	3	H	186	1.02	-
AV	5.366G	51.23	54.00	-2.77	7.63	3	H	186	1.02	-
AV	5.2448G	114.75	Inf	-Inf	7.36	3	H	186	1.02	-
PK	5.1344G	62.49	74.00	-11.51	7.12	3	H	186	1.02	-
PK	5.3708G	65.22	74.00	-8.78	7.64	3	H	186	1.02	-
PK	5.2448G	124.99	Inf	-Inf	7.36	3	H	186	1.02	-

802.11a_(6Mbps)_3TX

5240MHz_TX

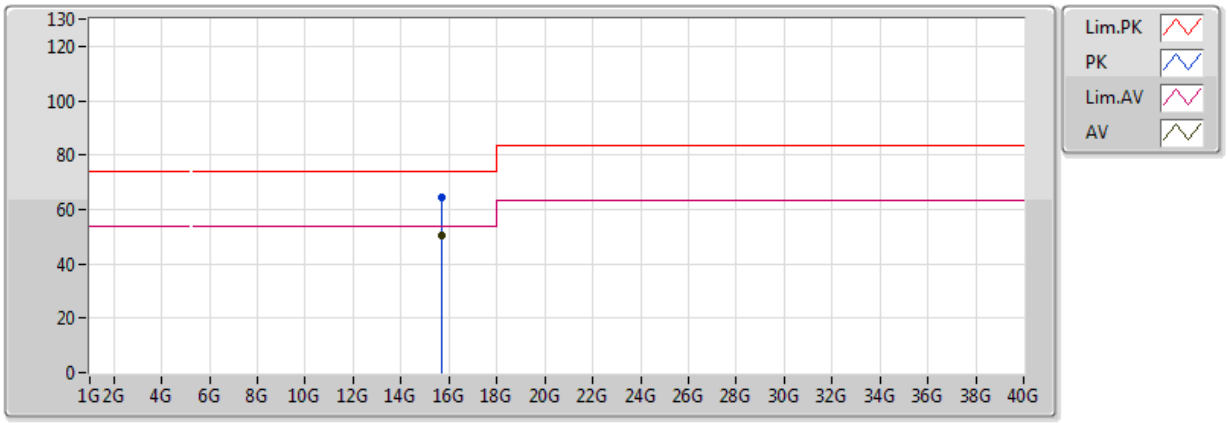


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	50.11	54.00	-3.89	17.11	3	V	53	1.78	-
PK	15.72G	65.43	74.00	-8.57	17.11	3	V	53	1.78	-

802.11a_(6Mbps)_3TX

5240MHz_TX

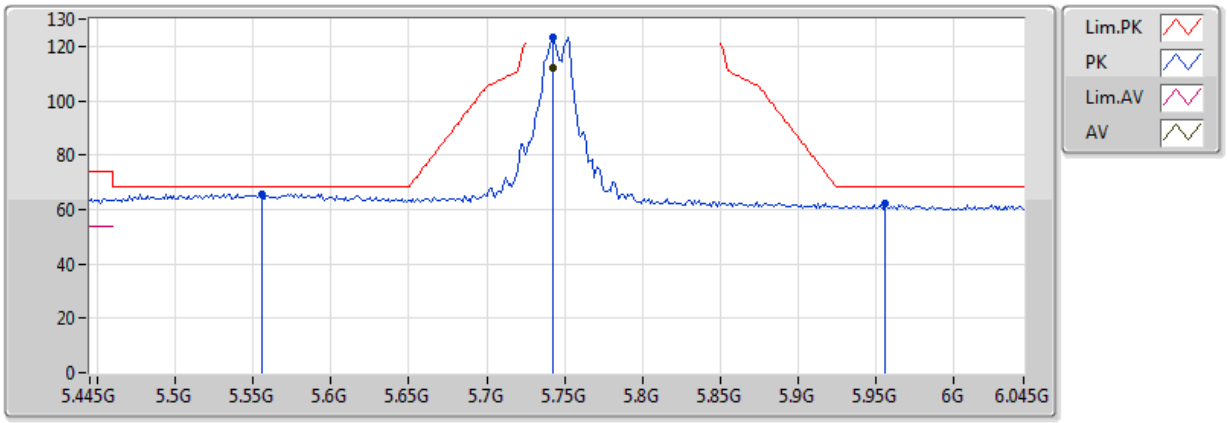


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	50.21	54.00	-3.79	17.11	3	H	76	3.43	-
PK	15.72G	64.31	74.00	-9.69	17.11	3	H	76	3.43	-

802.11a_(6Mbps)_3TX

5745MHz_TX

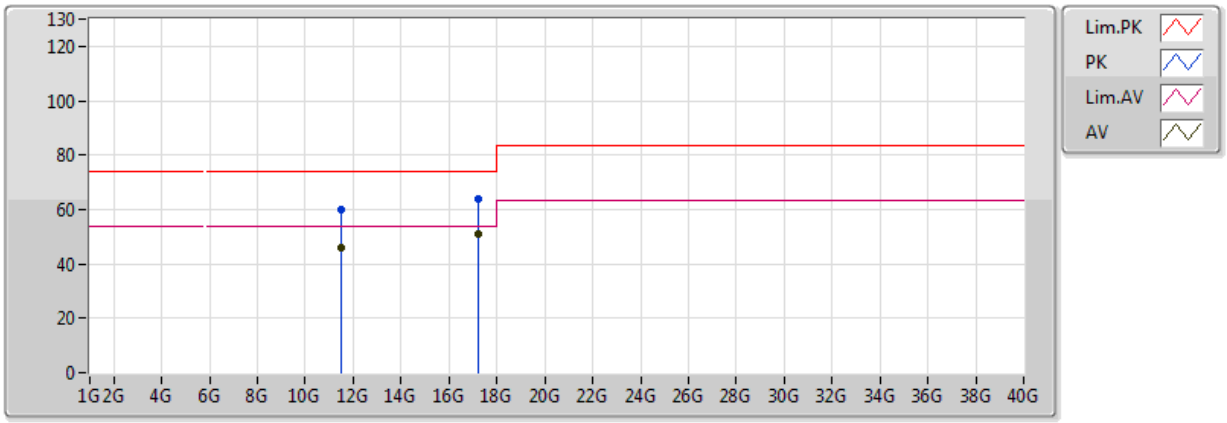


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7426G	112.30	Inf	-Inf	8.31	3	H	181	3.33	-
PK	5.5554G	65.83	68.20	-2.37	8.01	3	H	181	3.33	-
PK	5.9562G	61.96	68.20	-6.24	8.66	3	H	181	3.33	-
PK	5.7426G	123.21	Inf	-Inf	8.31	3	H	181	3.33	-

802.11a_(6Mbps)_3TX

5745MHz_TX

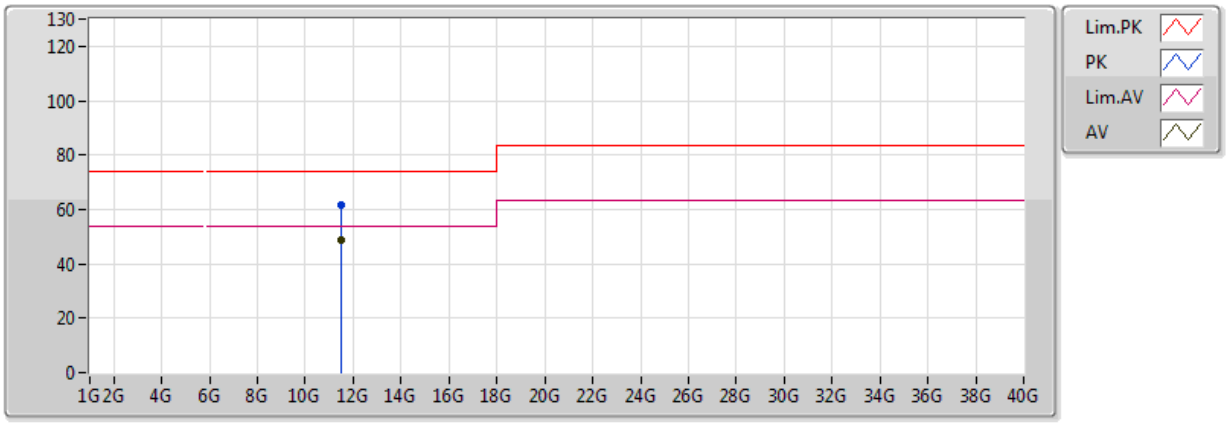


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	45.77	54.00	-8.23	17.68	3	V	151	3.44	-
PK	11.49G	59.77	74.00	-14.23	17.68	3	V	151	3.44	-
AV	17.235G	50.87	54.00	-3.13	21.73	3	V	77	2.76	-
PK	17.235G	64.04	74.00	-9.96	21.73	3	V	77	2.76	-

802.11a_(6Mbps)_3TX

5745MHz_TX

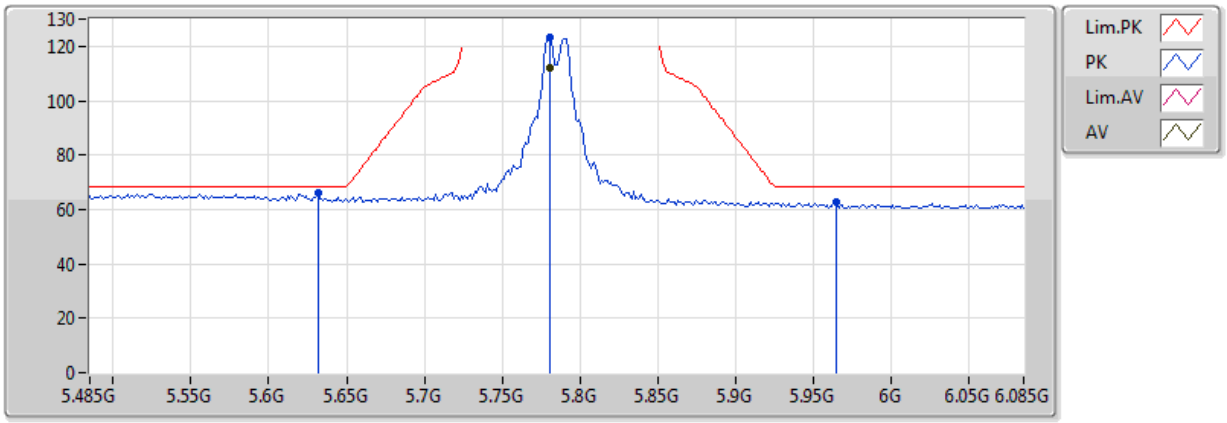


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	48.68	54.00	-5.32	17.68	3	H	187	1.94	-
PK	11.49G	61.78	74.00	-12.22	17.68	3	H	187	1.94	-

802.11a_(6Mbps)_3TX

5785MHz_TX

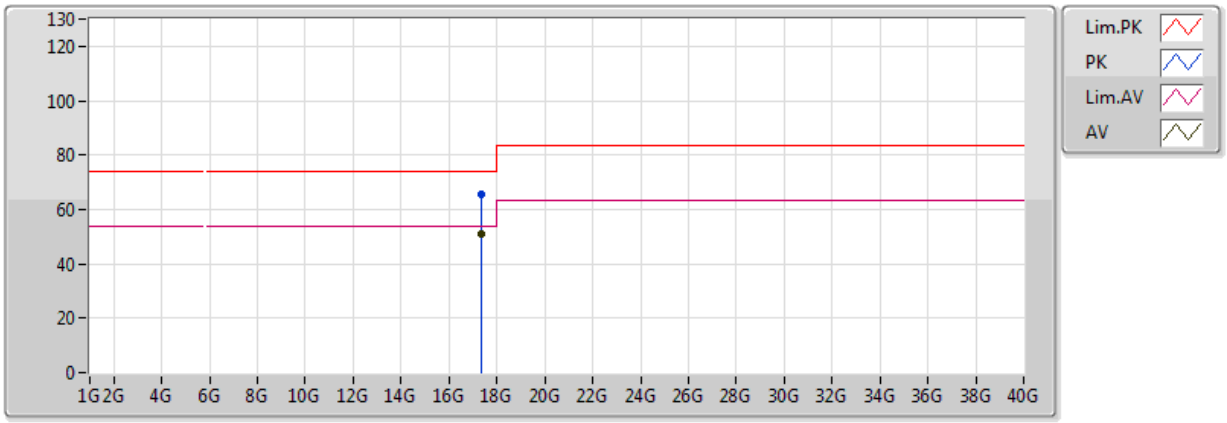


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7802G	111.88	Inf	-Inf	8.38	3	H	0	1.02	-
PK	5.6314G	66.33	68.20	-1.87	8.13	3	H	0	1.02	-
PK	5.965G	62.51	68.20	-5.69	8.67	3	H	0	1.02	-
PK	5.7802G	123.10	Inf	-Inf	8.38	3	H	0	1.02	-

802.11a_(6Mbps)_3TX

5785MHz_TX

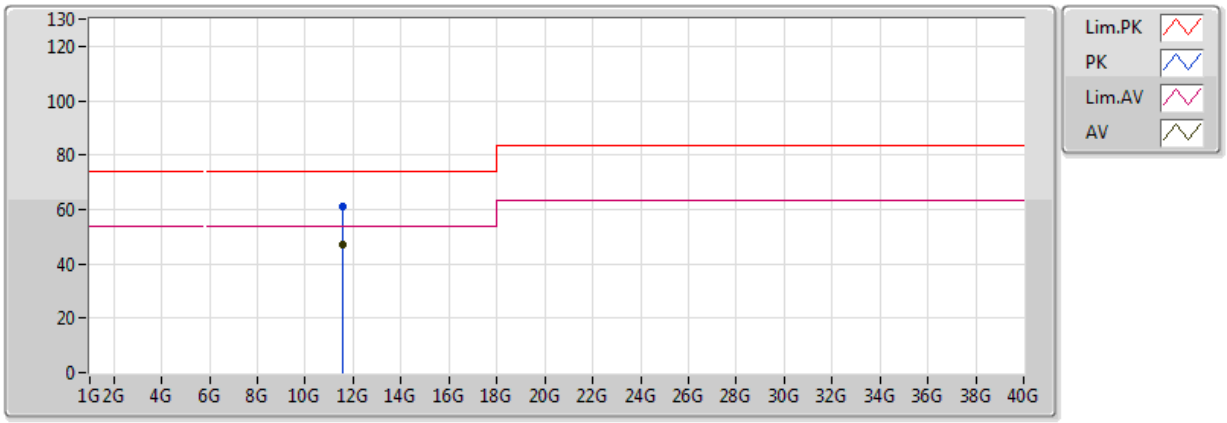


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	17.355G	50.74	54.00	-3.26	22.54	3	V	46	1.58	-
PK	17.355G	65.34	74.00	-8.66	22.54	3	V	46	1.58	-

802.11a_(6Mbps)_3TX

5785MHz_TX



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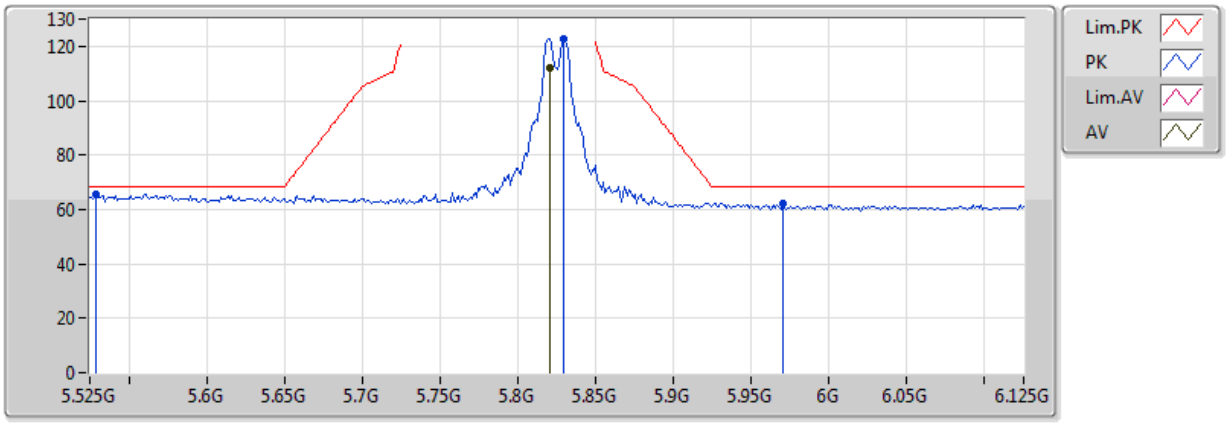
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	47.22	54.00	-6.78	17.62	3	H	188	2.00	-
PK	11.57G	61.02	74.00	-12.98	17.62	3	H	188	2.00	-

802.11a_(6Mbps)_3TX

5825MHz_TX

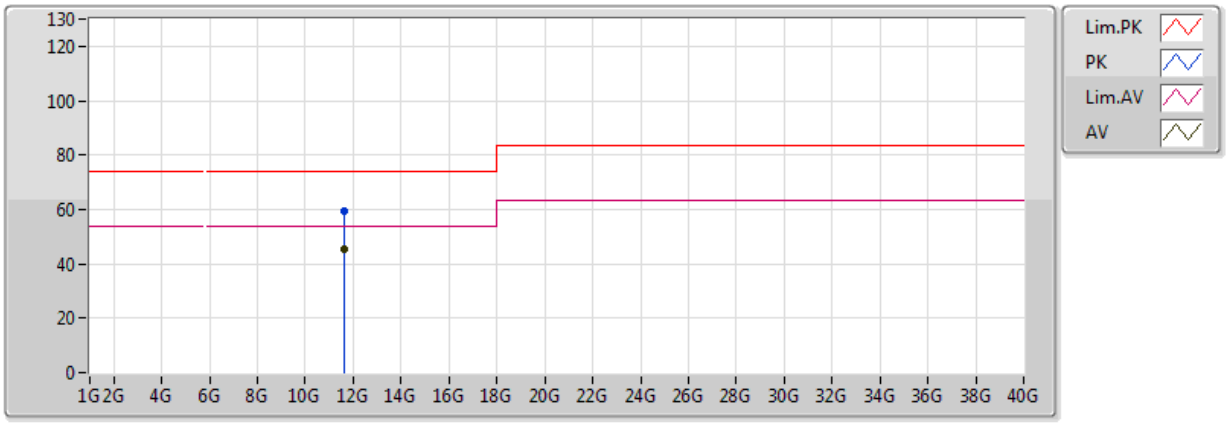


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8202G	111.99	Inf	-Inf	8.44	3	H	180	2.39	-
PK	5.5286G	65.50	68.20	-2.70	7.97	3	H	180	2.39	-
PK	5.9702G	62.04	68.20	-6.16	8.68	3	H	180	2.39	-
PK	5.8298G	122.75	Inf	-Inf	8.46	3	H	180	2.39	-

802.11a_(6Mbps)_3TX

5825MHz_TX



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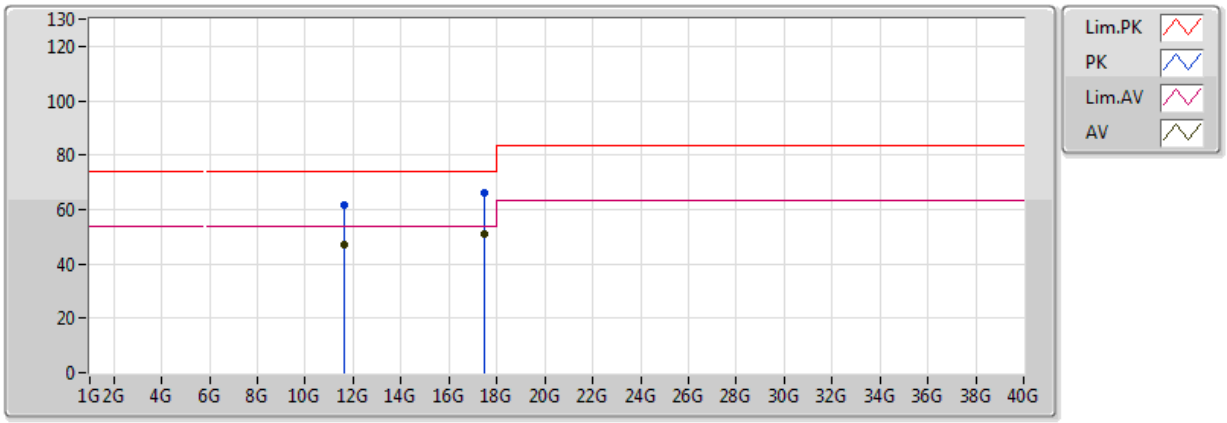
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	45.57	54.00	-8.43	17.57	3	V	255	1.53	-
PK	11.65G	59.57	74.00	-14.43	17.57	3	V	255	1.53	-

802.11a_(6Mbps)_3TX

5825MHz_TX

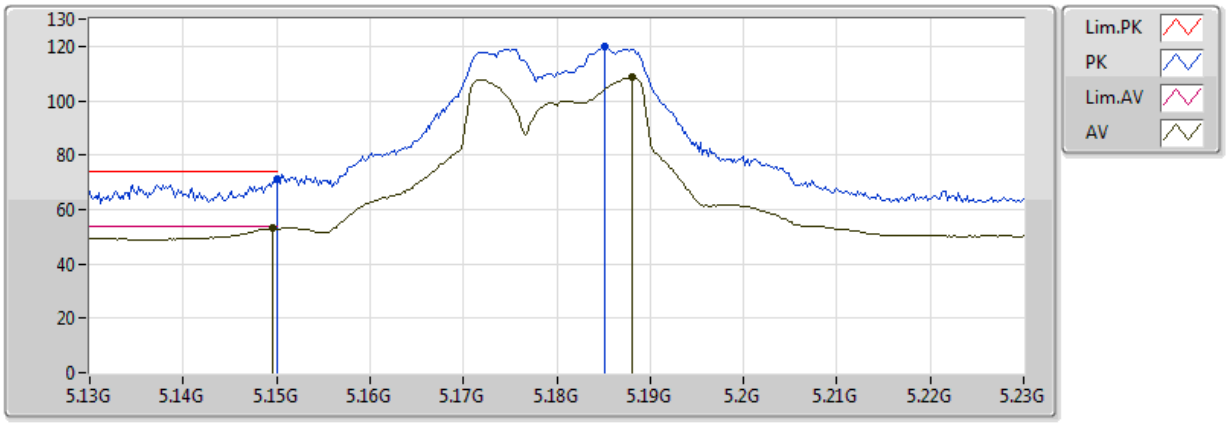


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	47.07	54.00	-6.93	17.57	3	H	76	1.37	-
AV	17.475G	50.90	54.00	-3.10	23.35	3	H	117	2.51	-
PK	11.65G	61.57	74.00	-12.43	17.57	3	H	76	1.37	-
PK	17.475G	66.11	74.00	-7.89	23.35	3	H	117	2.51	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

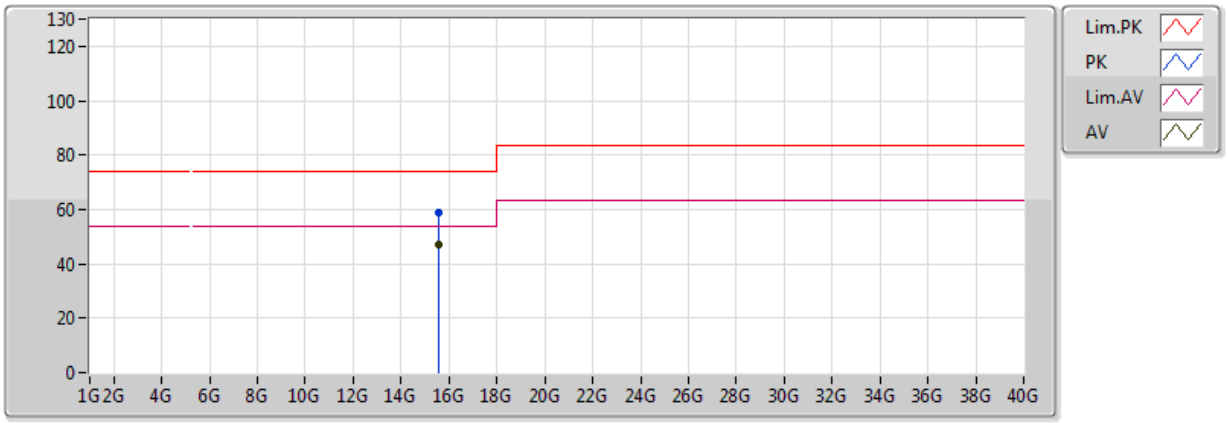


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	53.02	54.00	-0.98	7.15	3	H	183	1.01	-
AV	5.188G	108.56	Inf	-Inf	7.23	3	H	183	1.01	-
PK	5.149995G	70.96	74.00	-3.04	7.15	3	H	183	1.01	-
PK	5.1852G	119.65	Inf	-Inf	7.23	3	H	183	1.01	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

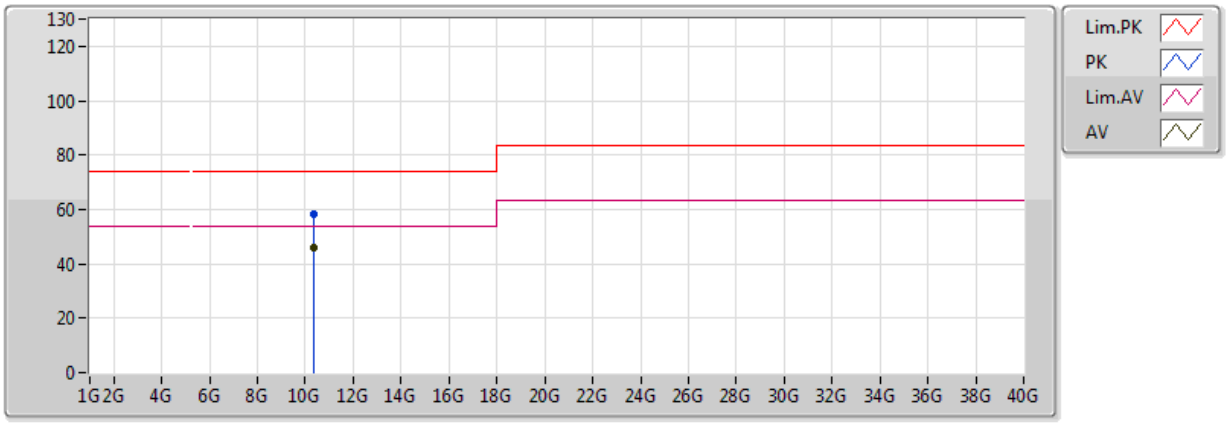


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54G	47.26	54.00	-6.74	17.67	3	V	0	1.50	-
PK	15.54G	58.96	74.00	-15.04	17.67	3	V	0	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5180MHz_TX

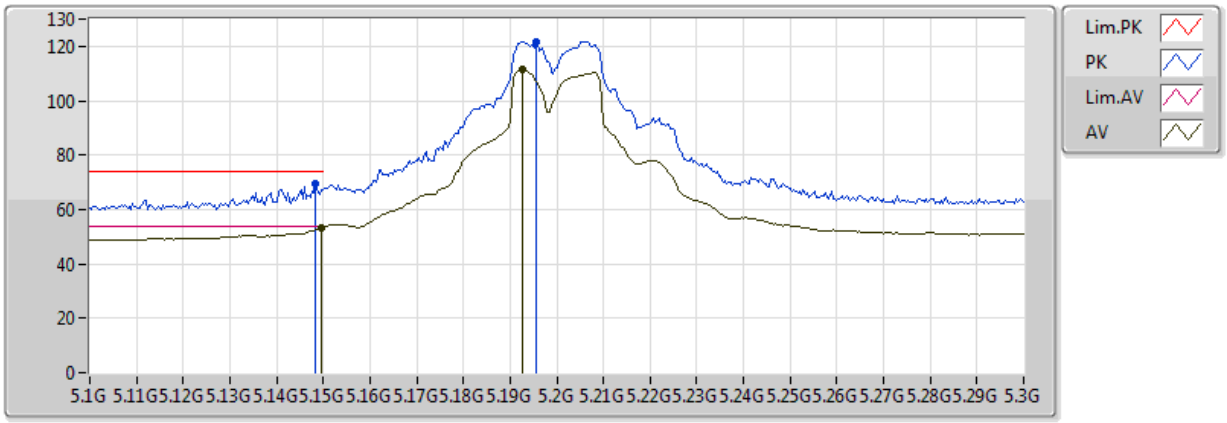


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.36G	46.09	54.00	-7.91	17.01	3	H	360	1.50	-
PK	10.36G	58.39	74.00	-15.61	17.01	3	H	360	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

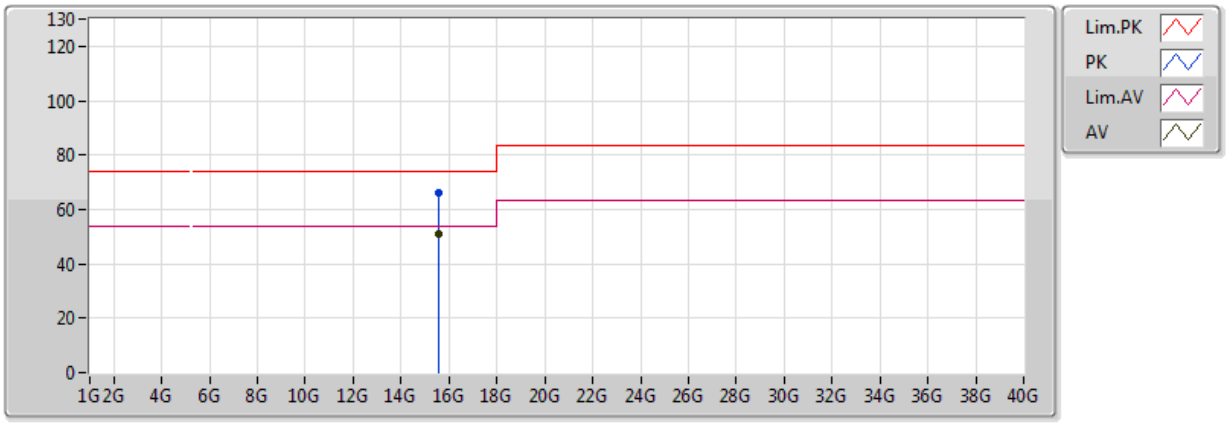


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	53.44	54.00	-0.56	7.15	3	H	188	1.50	-
AV	5.1928G	111.46	Inf	-Inf	7.24	3	H	188	1.50	-
PK	5.1484G	69.31	74.00	-4.69	7.15	3	H	188	1.50	-
PK	5.1956G	121.85	Inf	-Inf	7.25	3	H	188	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

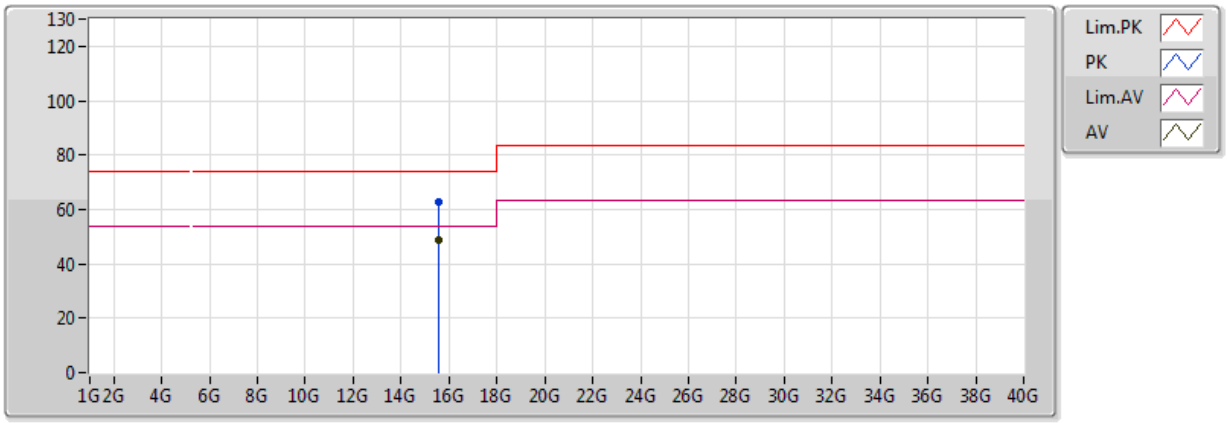


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	50.78	54.00	-3.22	17.48	3	V	144	3.14	-
PK	15.6G	66.08	74.00	-7.92	17.48	3	V	144	3.14	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5200MHz_TX

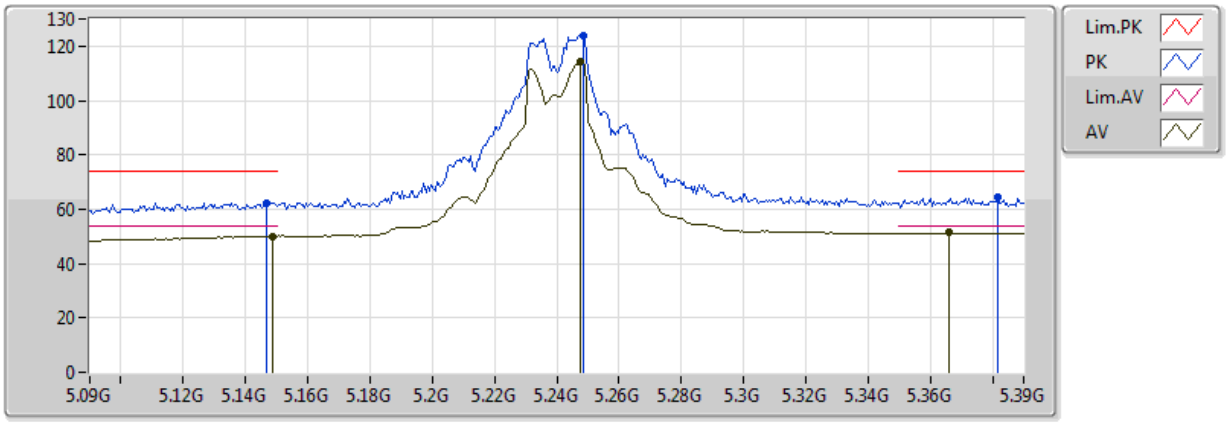


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.6G	48.48	54.00	-5.52	17.48	3	H	128	1.08	-
PK	15.6G	62.68	74.00	-11.32	17.48	3	H	128	1.08	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

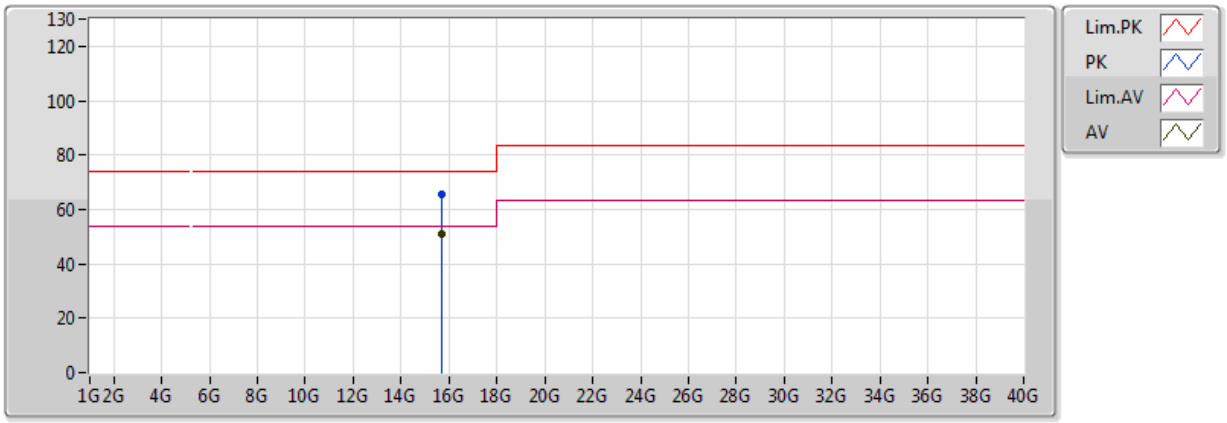


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	49.99	54.00	-4.01	7.15	3	H	186	1.00	-
AV	5.366G	51.44	54.00	-2.56	7.63	3	H	186	1.00	-
AV	5.2478G	114.16	Inf	-Inf	7.37	3	H	186	1.00	-
PK	5.147G	62.26	74.00	-11.74	7.14	3	H	186	1.00	-
PK	5.3816G	64.34	74.00	-9.66	7.66	3	H	186	1.00	-
PK	5.2484G	124.11	Inf	-Inf	7.37	3	H	186	1.00	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

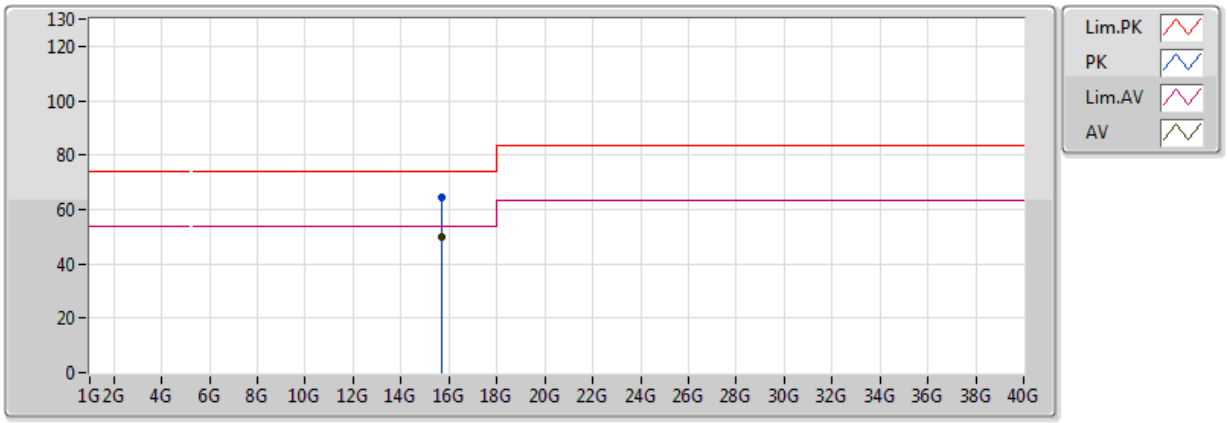


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	50.91	54.00	-3.09	17.11	3	V	143	1.78	-
PK	15.72G	65.71	74.00	-8.29	17.11	3	V	143	1.78	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5240MHz_TX

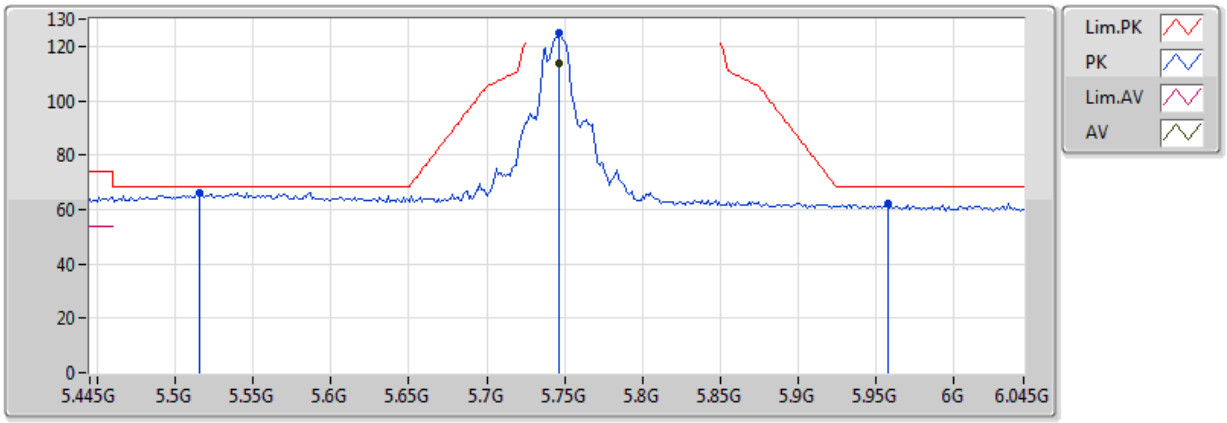


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.72G	49.71	54.00	-4.29	17.11	3	H	59	1.09	-
PK	15.72G	64.61	74.00	-9.39	17.11	3	H	59	1.09	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

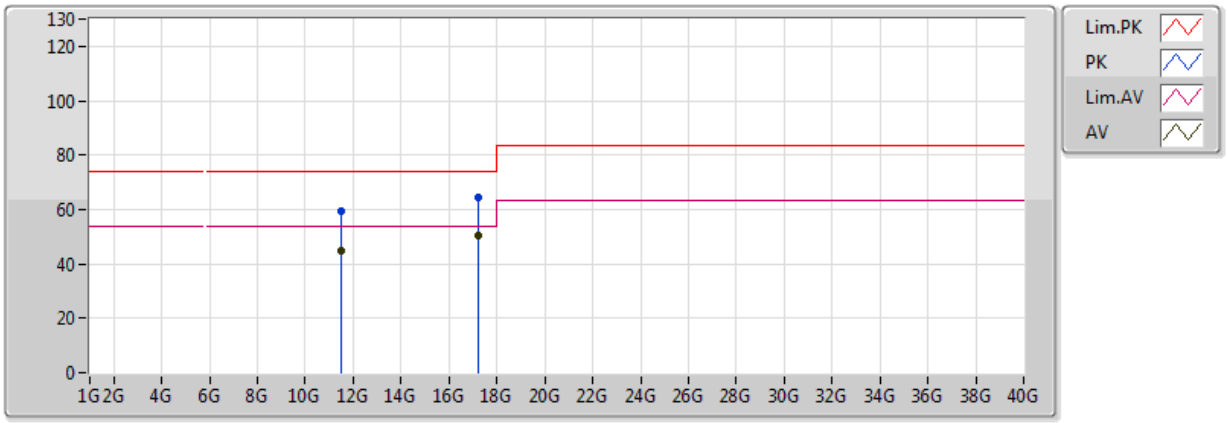


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7462G	113.82	Inf	-Inf	8.32	3	H	181	2.24	-
PK	5.5158G	66.21	68.20	-1.99	7.95	3	H	181	2.24	-
PK	5.9574G	62.20	68.20	-6.00	8.66	3	H	181	2.24	-
PK	5.7462G	124.92	Inf	-Inf	8.32	3	H	181	2.24	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX



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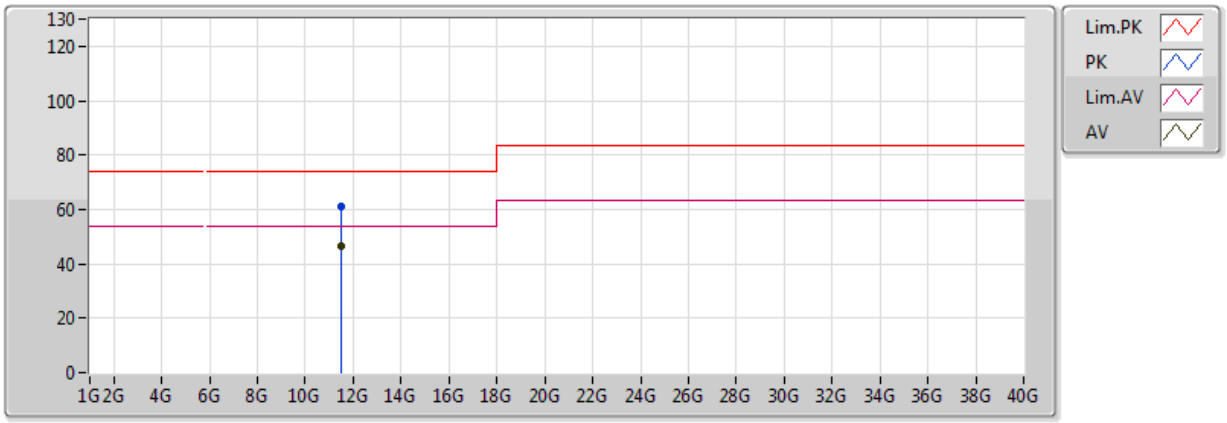
Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	45.08	54.00	-8.92	17.68	3	V	111	1.50	-
AV	17.235G	50.65	54.00	-3.35	21.73	3	V	226	2.14	-
PK	11.49G	59.18	74.00	-14.82	17.68	3	V	111	1.50	-
PK	17.235G	64.53	74.00	-9.47	21.73	3	V	226	2.14	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5745MHz_TX

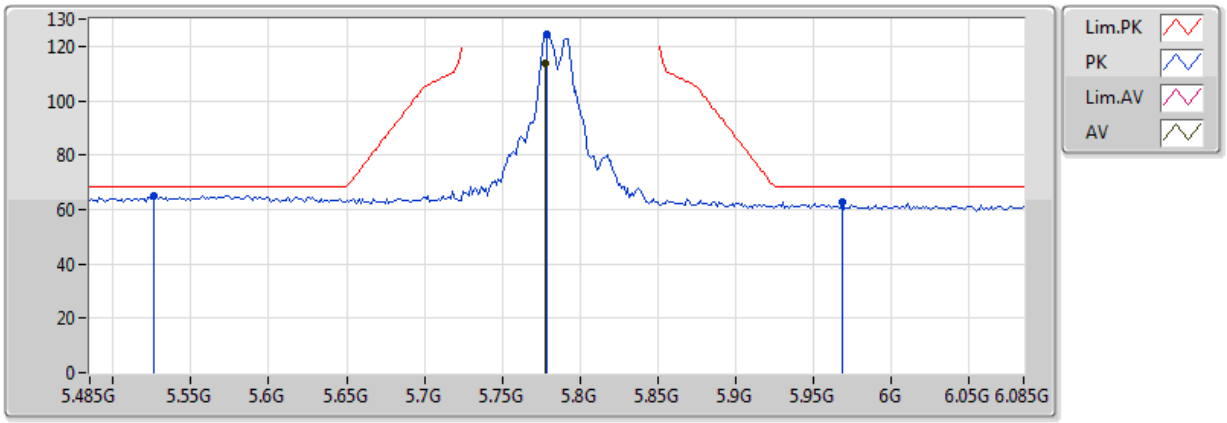


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.49G	46.68	54.00	-7.32	17.68	3	H	72	1.50	-
PK	11.49G	60.88	74.00	-13.12	17.68	3	H	72	1.50	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

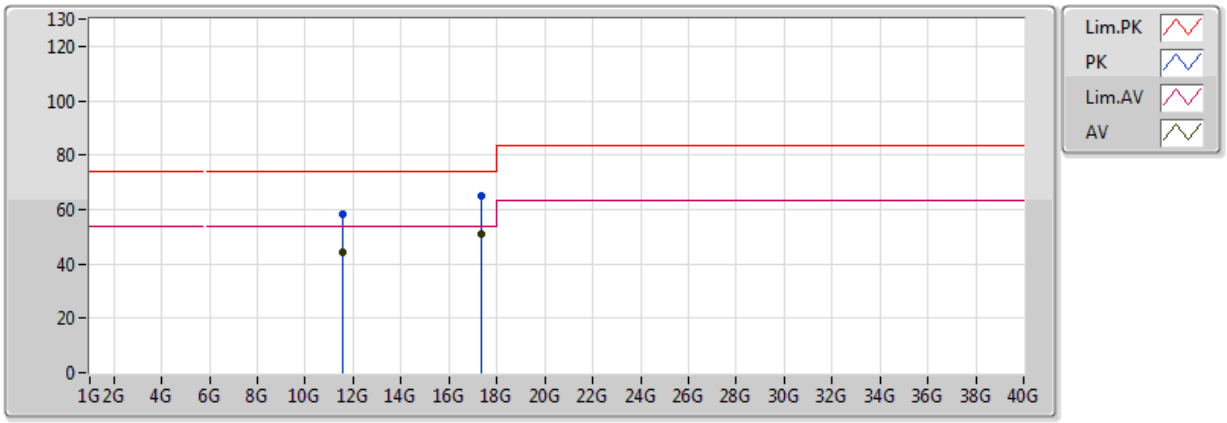


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7778G	113.56	Inf	-Inf	8.37	3	H	184	3.67	-
PK	5.5258G	65.04	68.20	-3.16	7.96	3	H	184	3.67	-
PK	5.9686G	62.58	68.20	-5.62	8.68	3	H	184	3.67	-
PK	5.779G	124.23	Inf	-Inf	8.37	3	H	184	3.67	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

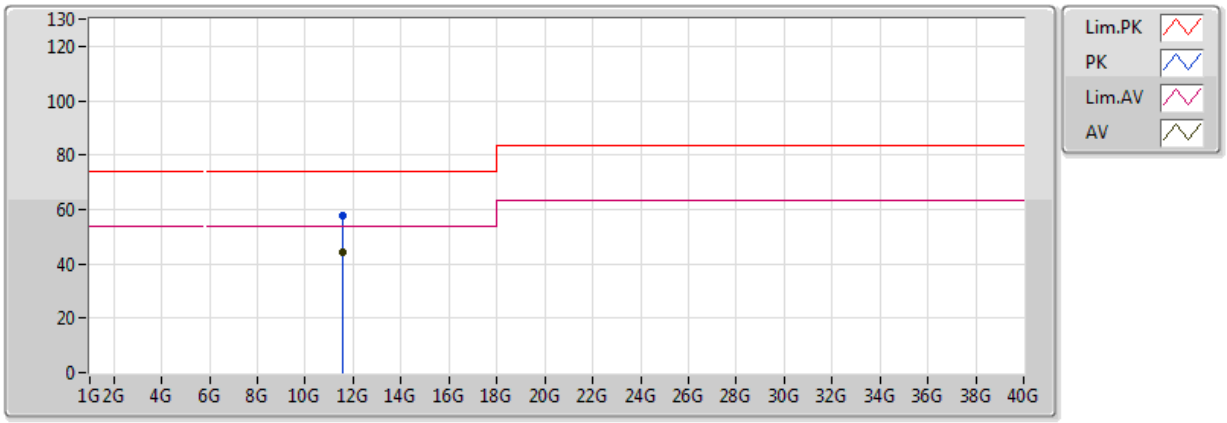


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	44.15	54.00	-9.85	17.62	3	V	61	1.50	-
AV	17.355G	50.89	54.00	-3.11	22.54	3	V	225	1.65	-
PK	11.57G	58.22	74.00	-15.78	17.62	3	V	61	1.50	-
PK	17.355G	65.14	74.00	-8.86	22.54	3	V	225	1.65	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5785MHz_TX

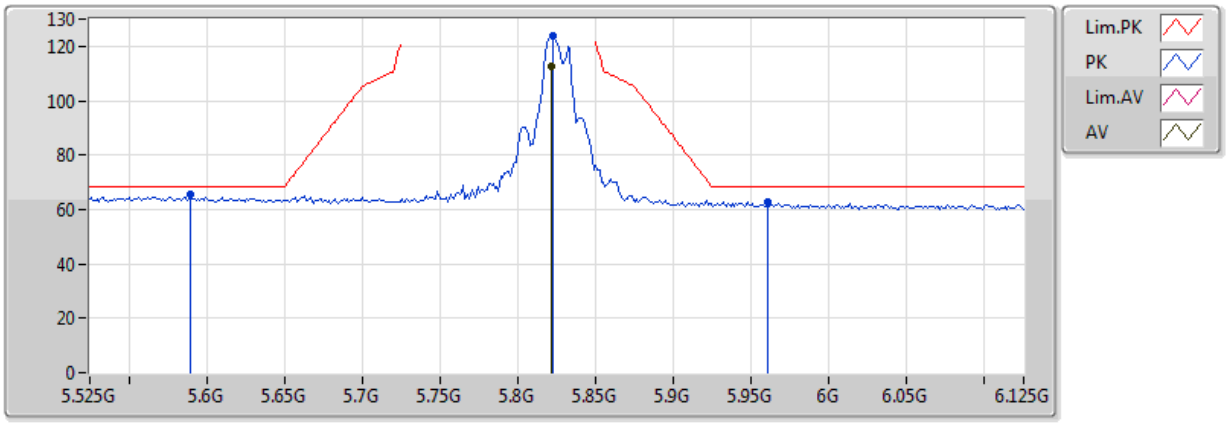


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57G	44.42	54.00	-9.58	17.62	3	H	283	1.51	-
PK	11.57G	57.93	74.00	-16.07	17.62	3	H	283	1.51	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

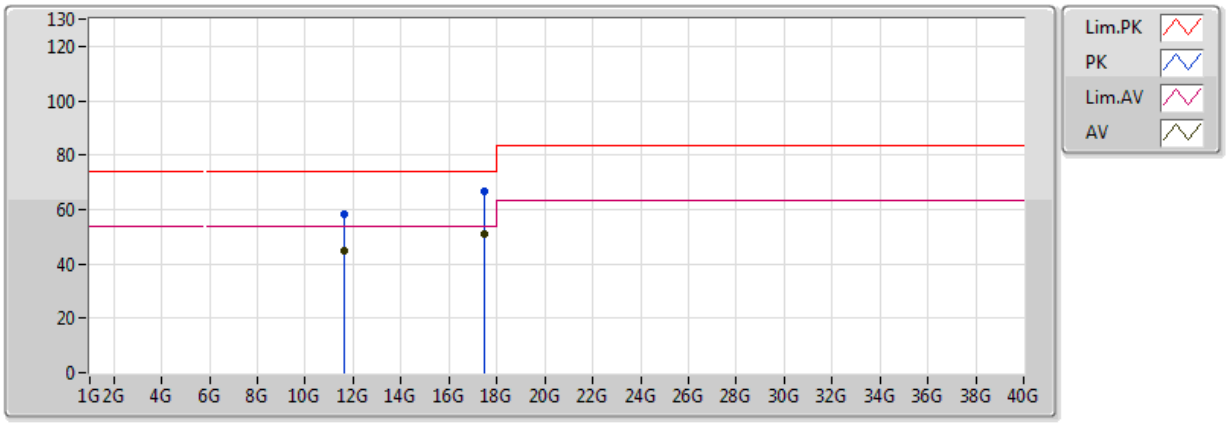


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.8214G	112.49	Inf	-Inf	8.44	3	H	2	1.02	-
PK	5.5898G	65.63	68.20	-2.57	8.06	3	H	2	1.02	-
PK	5.9606G	63.00	68.20	-5.20	8.67	3	H	2	1.02	-
PK	5.8226G	124.05	Inf	-Inf	8.45	3	H	2	1.02	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

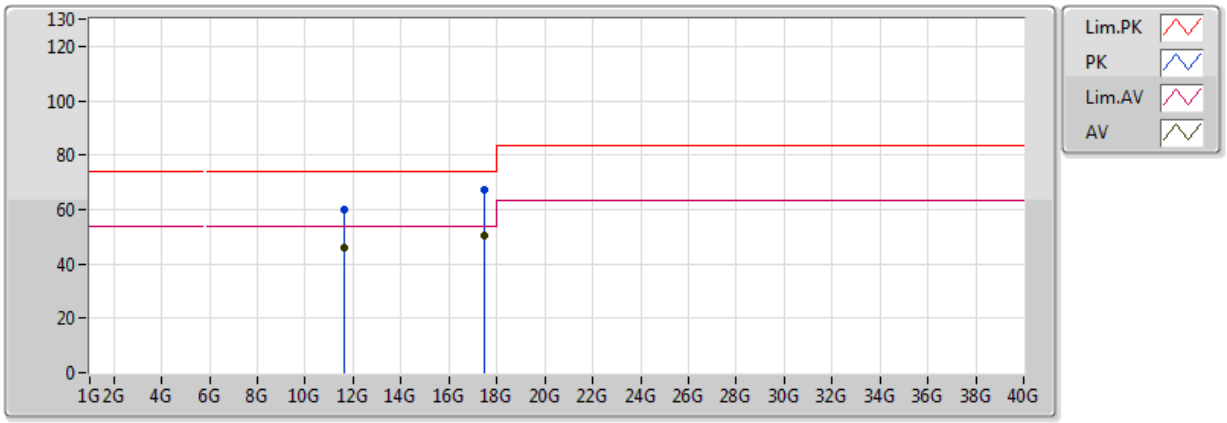


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	44.57	54.00	-9.43	17.57	3	V	263	3.69	-
AV	17.475G	50.86	54.00	-3.14	23.35	3	V	52	1.79	-
PK	11.65G	58.07	74.00	-15.93	17.57	3	V	263	3.69	-
PK	17.475G	66.51	74.00	-7.49	23.35	3	V	52	1.79	-

802.11ac VHT20_Nss1,(MCS0)_3TX

5825MHz_TX

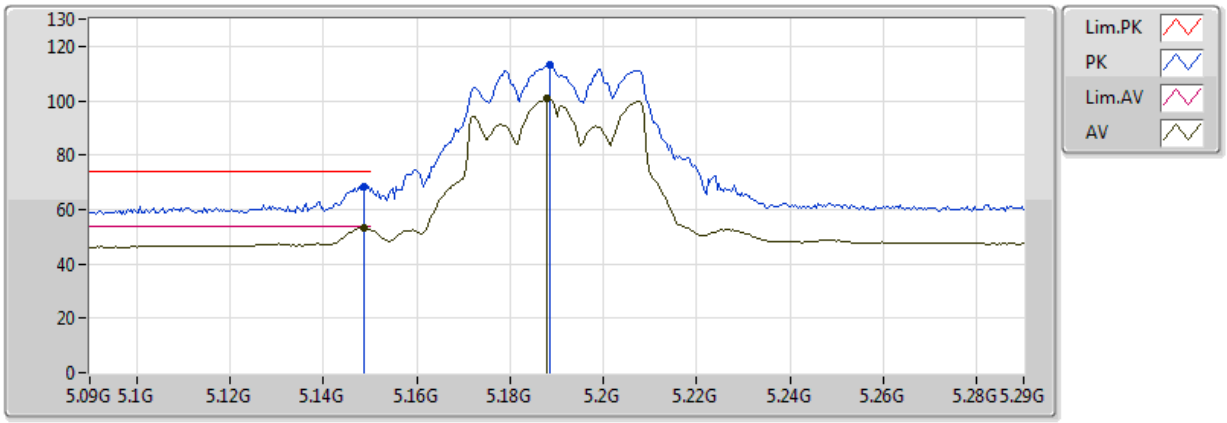


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.65G	45.77	54.00	-8.23	17.57	3	H	73	1.54	-
AV	17.475G	50.46	54.00	-3.54	23.35	3	H	97	2.55	-
PK	11.65G	60.17	74.00	-13.83	17.57	3	H	73	1.54	-
PK	17.475G	67.25	74.00	-6.75	23.35	3	H	97	2.55	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

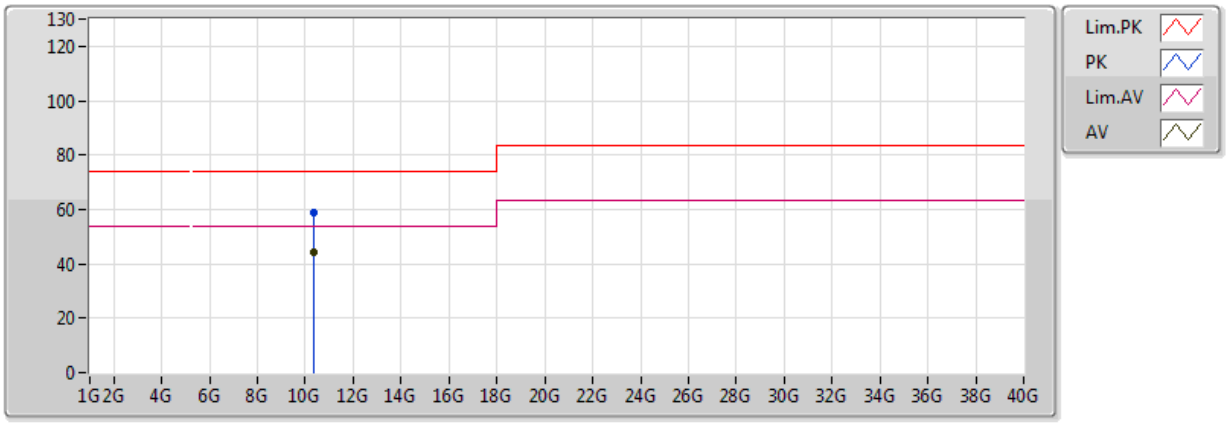


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1488G	53.33	54.00	-0.67	7.15	3	H	182	1.03	-
AV	5.188G	100.63	Inf	-Inf	7.23	3	H	182	1.03	-
PK	5.1488G	68.34	74.00	-5.66	7.15	3	H	182	1.03	-
PK	5.1884G	113.20	Inf	-Inf	7.23	3	H	182	1.03	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

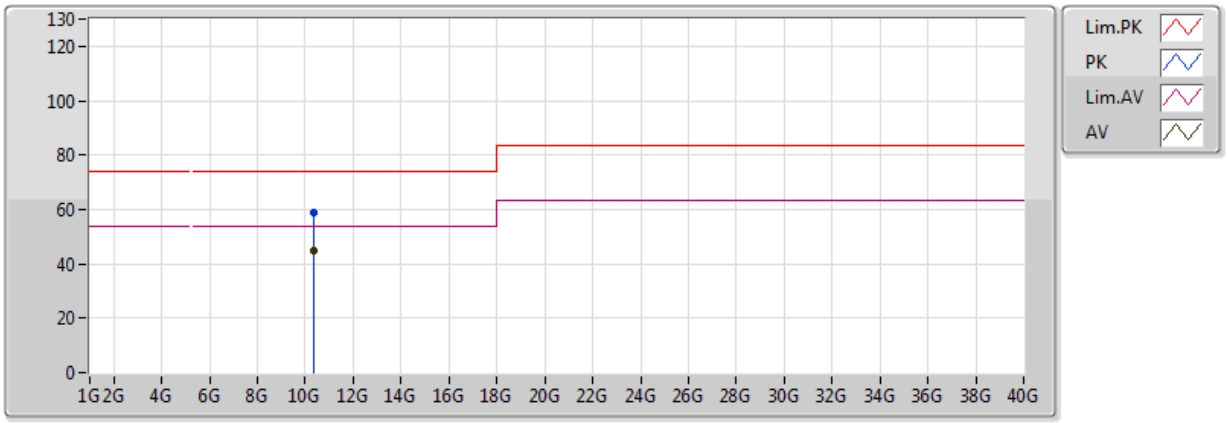


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.38G	44.35	54.00	-9.65	17.05	3	V	219	1.50	-
PK	10.38G	58.65	74.00	-15.35	17.05	3	V	219	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5190MHz_TX

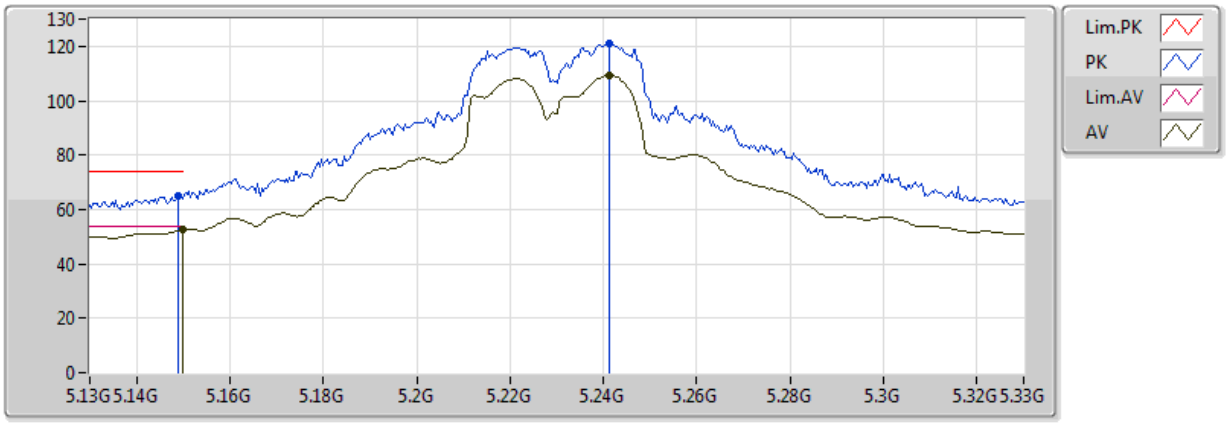


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.38G	44.60	54.00	-9.40	17.05	3	H	269	1.50	-
PK	10.38G	58.71	74.00	-15.29	17.05	3	H	269	1.50	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

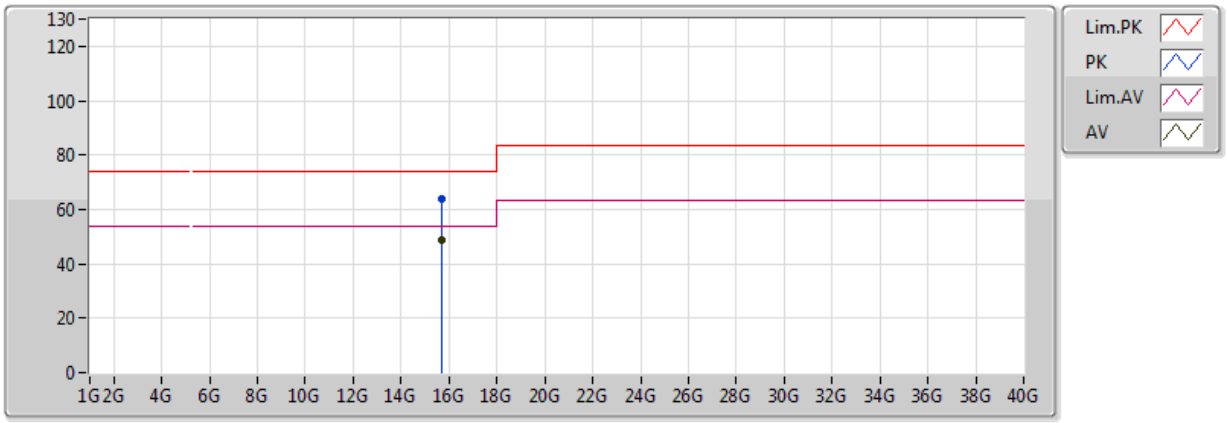


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.57	54.00	-1.43	7.15	3	H	184	1.05	-
AV	5.2412G	109.31	Inf	-Inf	7.35	3	H	184	1.05	-
PK	5.1488G	64.96	74.00	-9.04	7.15	3	H	184	1.05	-
PK	5.2412G	120.99	Inf	-Inf	7.35	3	H	184	1.05	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

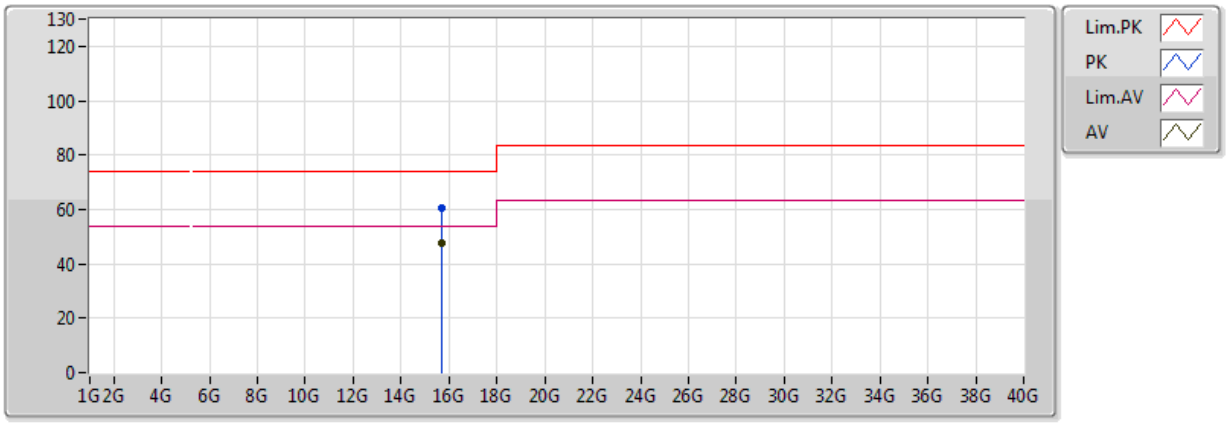


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	48.90	54.00	-5.10	17.20	3	V	145	1.60	-
PK	15.69G	63.90	74.00	-10.10	17.20	3	V	145	1.60	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5230MHz_TX

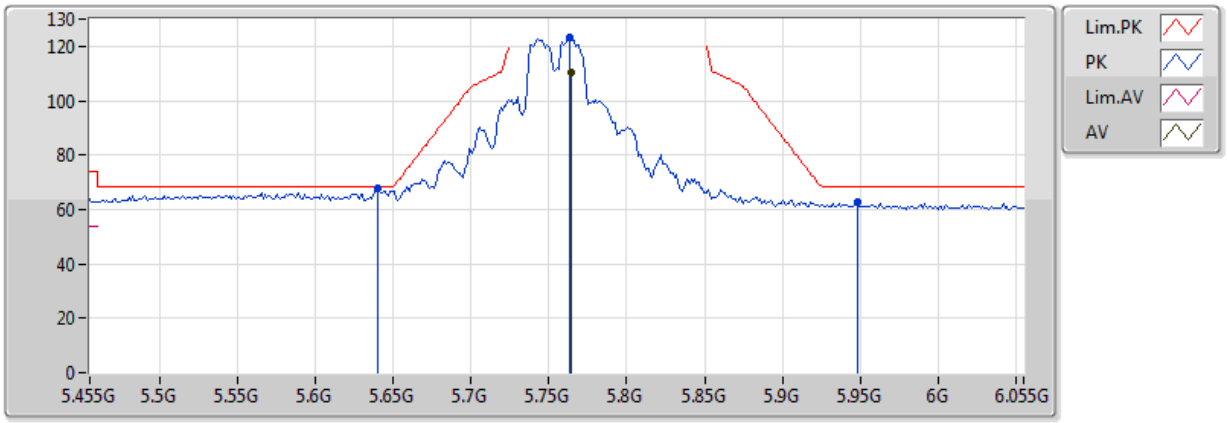


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69G	47.70	54.00	-6.30	17.20	3	H	68	1.01	-
PK	15.69G	60.40	74.00	-13.60	17.20	3	H	68	1.01	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

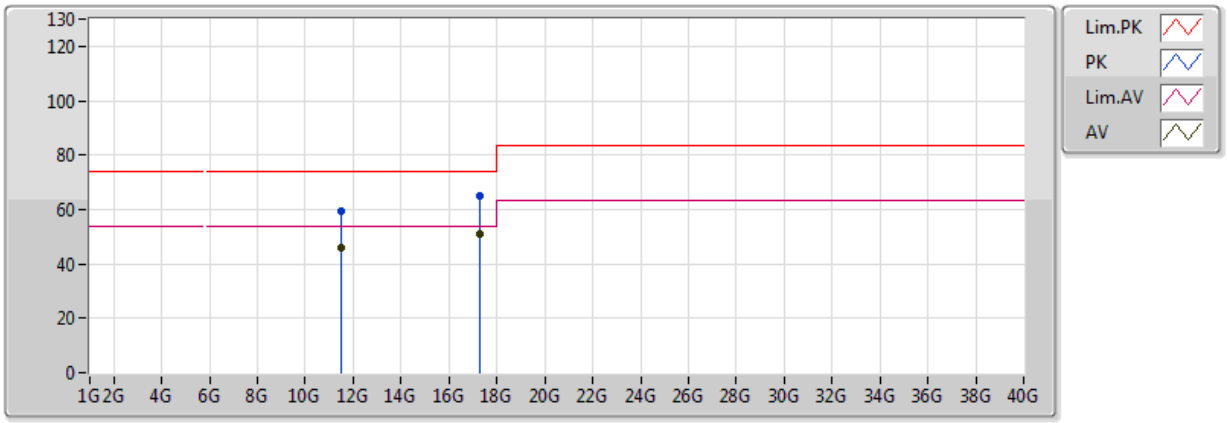


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7646G	110.66	Inf	-Inf	8.35	3	H	358	1.04	-
PK	5.6398G	67.54	68.20	-0.66	8.14	3	H	358	1.04	-
PK	5.9482G	62.49	68.20	-5.71	8.65	3	H	358	1.04	-
PK	5.7634G	123.39	Inf	-Inf	8.35	3	H	358	1.04	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

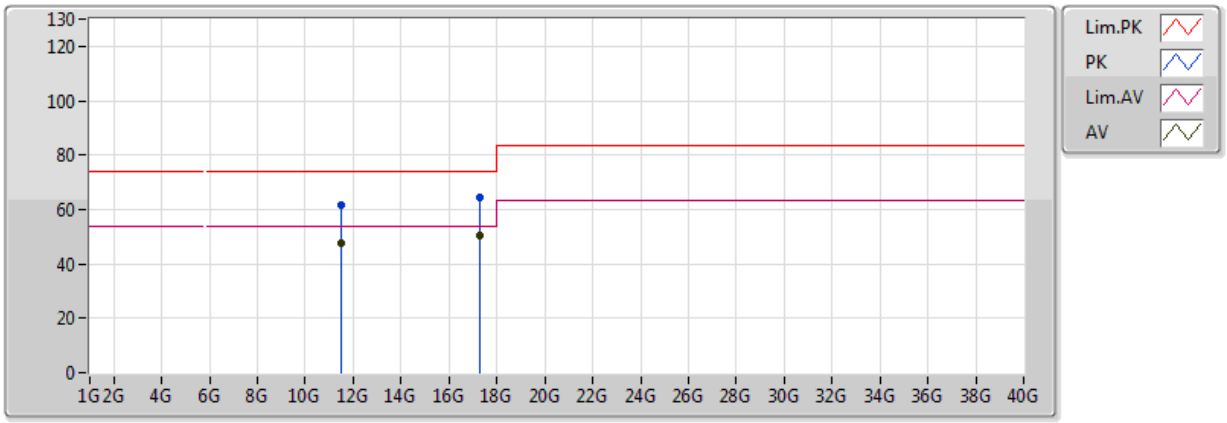


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51G	46.06	54.00	-7.94	17.66	3	V	77	1.01	-
AV	17.265G	50.86	54.00	-3.14	21.93	3	V	65	1.01	-
PK	11.51G	59.36	74.00	-14.64	17.66	3	V	75	1.01	-
PK	17.265G	64.94	74.00	-9.06	21.93	3	V	65	1.01	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5755MHz_TX

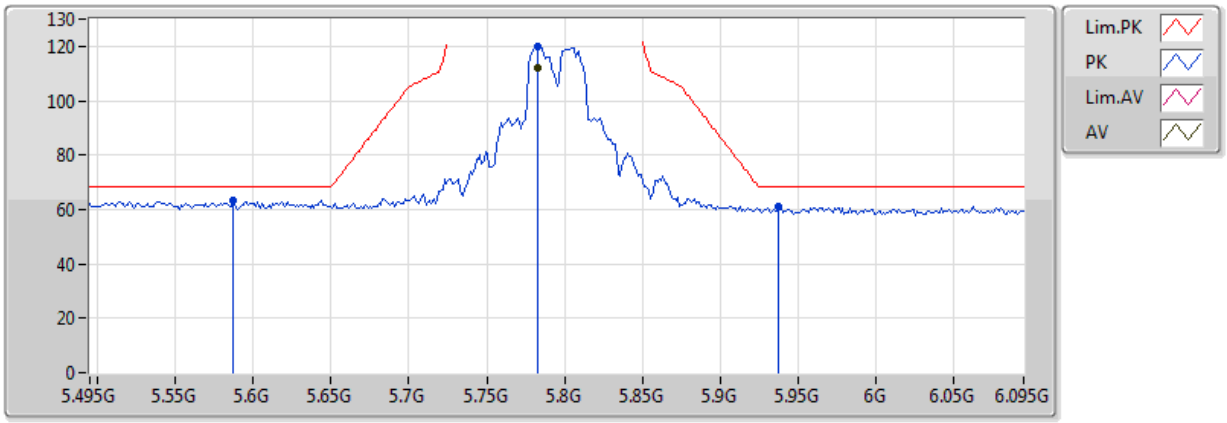


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.51G	47.36	54.00	-6.64	17.66	3	H	181	1.01	-
AV	17.265G	50.49	54.00	-3.51	21.93	3	H	91	3.08	-
PK	11.51G	61.36	74.00	-12.64	17.66	3	H	181	1.01	-
PK	17.265G	64.23	74.00	-9.77	21.93	3	H	91	3.08	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

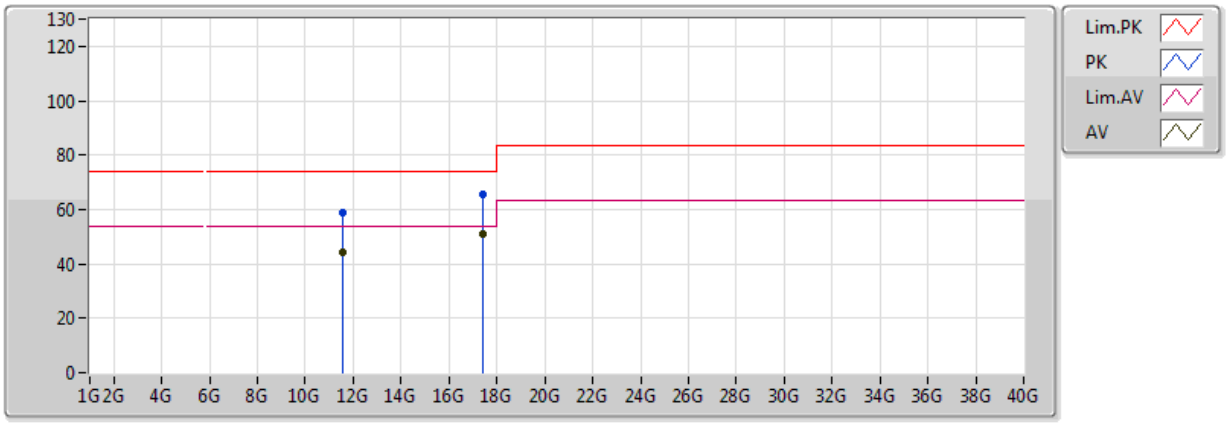


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.783G	112.22	Inf	-Inf	8.38	3	H	358	1.02	-
PK	5.5874G	63.31	68.20	-4.89	8.06	3	H	358	1.02	-
PK	5.783G	120.11	Inf	-Inf	8.38	3	H	358	1.02	-
PK	5.9378G	61.11	68.20	-7.09	8.63	3	H	358	1.02	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

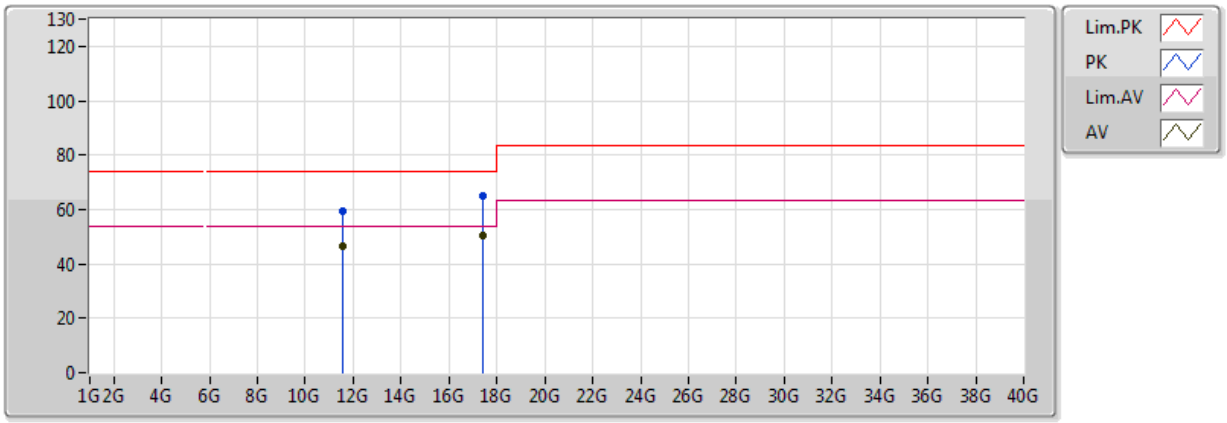


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	44.21	54.00	-9.79	17.61	3	V	187	1.93	-
AV	17.385G	50.85	54.00	-3.15	22.74	3	V	158	1.43	-
PK	11.59G	58.81	74.00	-15.19	17.61	3	V	187	1.93	-
PK	17.385G	65.62	74.00	-8.38	22.74	3	V	158	1.43	-

802.11ac VHT40_Nss1,(MCS0)_3TX

5795MHz_TX

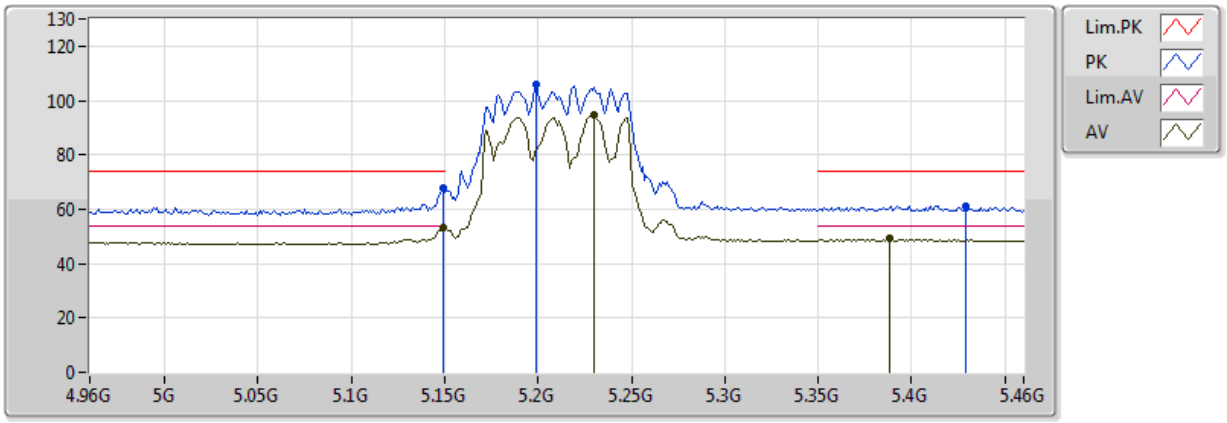


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59G	46.51	54.00	-7.49	17.61	3	H	186	1.90	-
AV	17.385G	50.19	54.00	-3.81	22.74	3	H	295	2.22	-
PK	11.59G	59.61	74.00	-14.39	17.61	3	H	186	1.90	-
PK	17.385G	64.74	74.00	-9.26	22.74	3	H	295	2.22	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

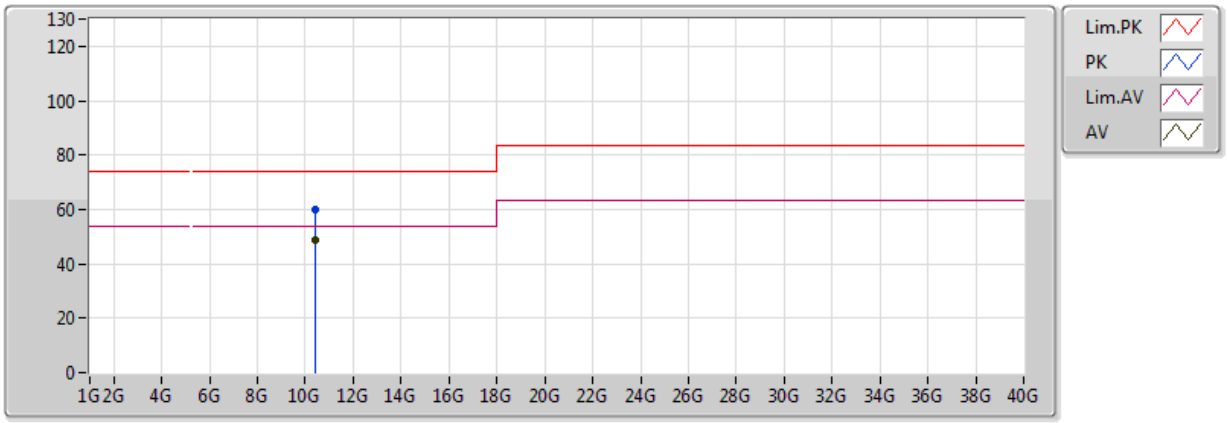


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149G	53.33	54.00	-0.67	7.15	3	H	186	1.04	-
AV	5.388G	49.09	54.00	-4.91	7.67	3	H	186	1.04	-
AV	5.23G	94.46	Inf	-Inf	7.33	3	H	186	1.04	-
PK	5.149G	67.92	74.00	-6.08	7.15	3	H	186	1.04	-
PK	5.429G	61.34	74.00	-12.66	7.76	3	H	186	1.04	-
PK	5.199G	105.79	Inf	-Inf	7.26	3	H	186	1.04	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

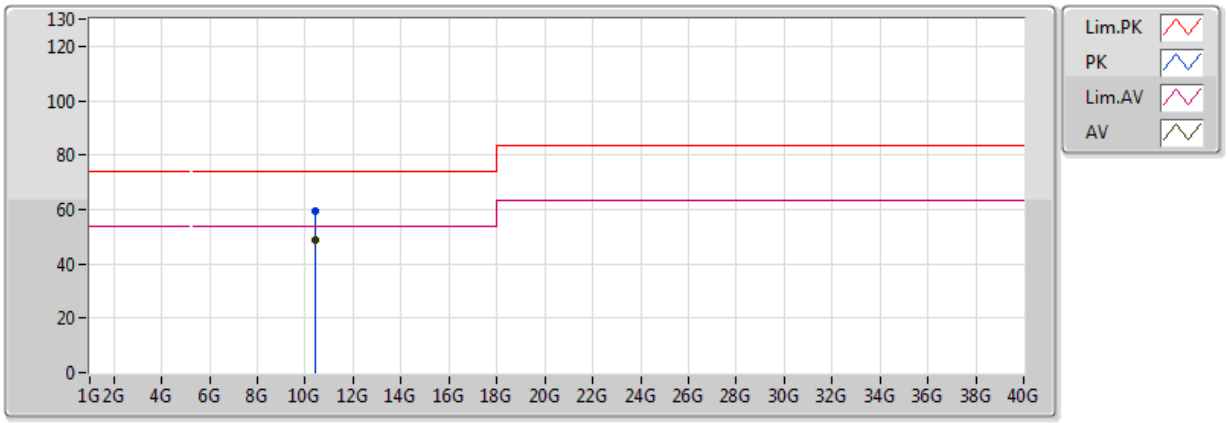


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.42G	48.48	54.00	-5.52	17.11	3	V	360	1.50	-
PK	10.42G	59.69	74.00	-14.31	17.11	3	V	360	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5210MHz_TX

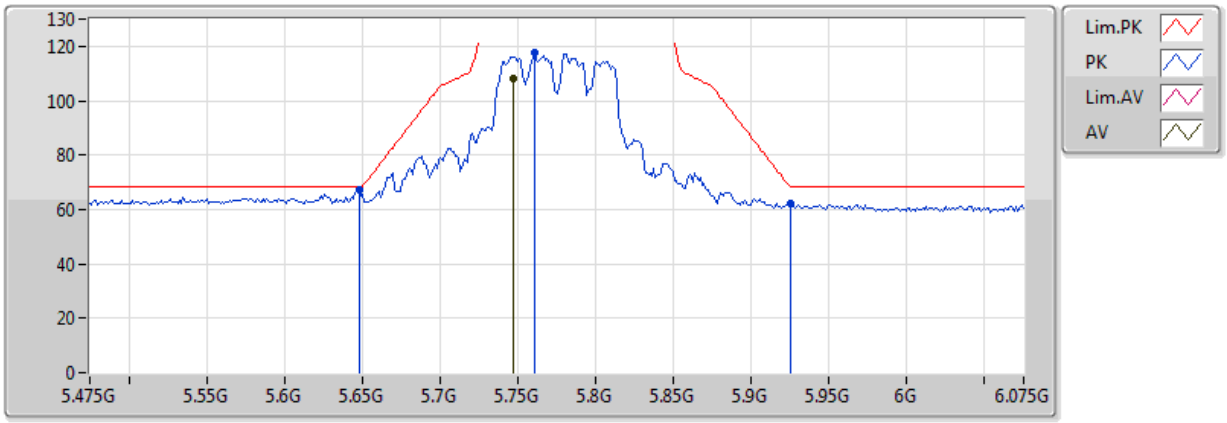


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.42G	48.52	54.00	-5.48	17.11	3	H	159	1.50	-
PK	10.42G	59.35	74.00	-14.65	17.11	3	H	110	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

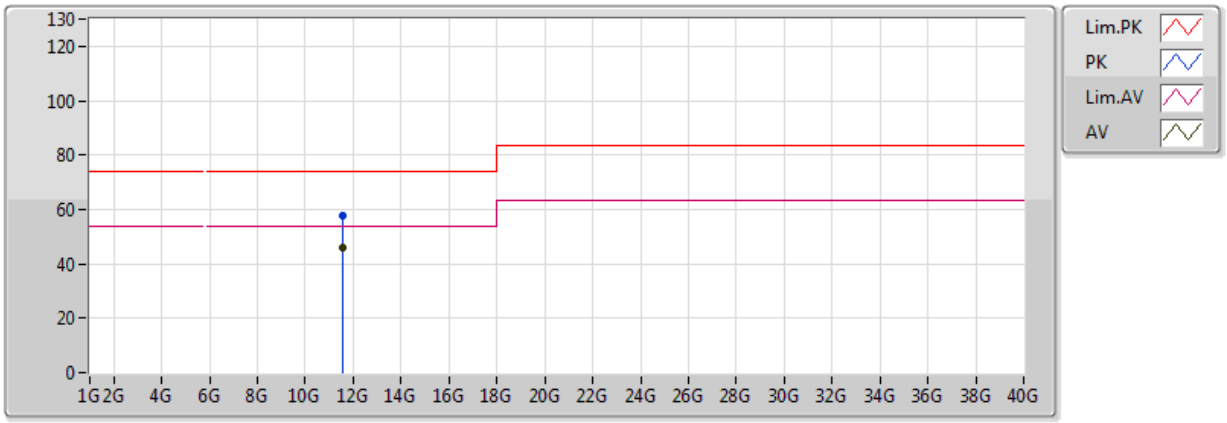


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7474G	108.17	Inf	-Inf	8.32	3	H	0	3.69	-
PK	5.6478G	67.22	68.20	-0.98	8.16	3	H	0	3.69	-
PK	5.7606G	117.90	Inf	-Inf	8.34	3	H	0	3.69	-
PK	5.925G	62.19	68.20	-6.01	8.61	3	H	0	3.69	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX

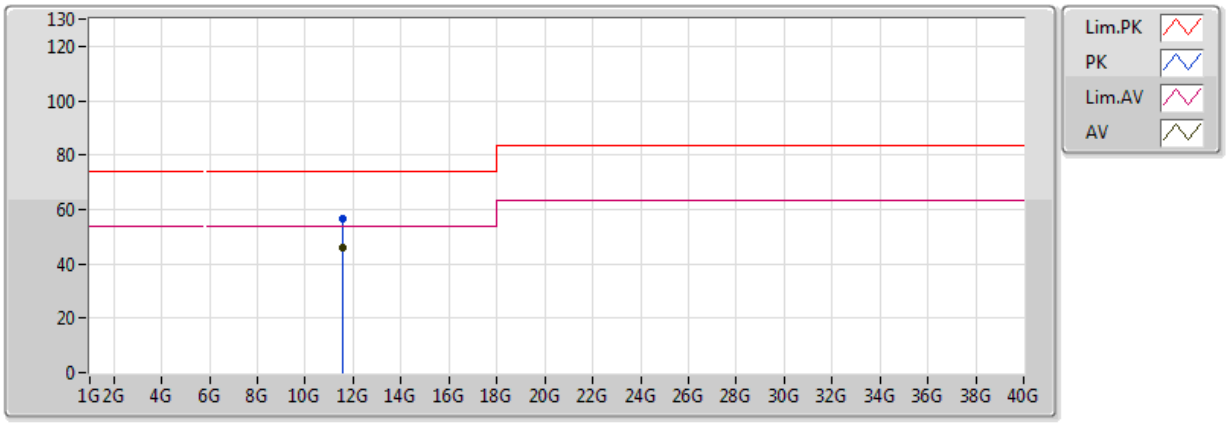


EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	45.72	54.00	-8.28	17.64	3	V	144	1.50	-
PK	11.55G	57.82	74.00	-16.18	17.64	3	V	144	1.50	-

802.11ac VHT80_Nss1,(MCS0)_3TX

5775MHz_TX



EUT=Z,ANT=Z

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55G	45.91	54.00	-8.09	17.64	3	H	255	1.50	-
PK	11.55G	56.49	74.00	-17.51	17.64	3	H	255	1.50	-

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5.725-5.85GHz	Pass	5.785G	5.78506209G	10.732	20	1	0 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_(6Mbps)_3TX	-	-	-	-	-	-	-
5785MHz_-40°C	Pass	5.785G	5.78506209G	10.732	20	1	0 min
5785MHz_-40°C	Pass	5.785G	5.78506201G	10.719	20	1	2 min
5785MHz_-40°C	Pass	5.785G	5.78506133G	10.602	20	1	5 min
5785MHz_-40°C	Pass	5.785G	5.78506029G	10.422	20	1	10 min
5785MHz_-30°C	Pass	5.785G	5.78505571G	9.631	20	1	0 min
5785MHz_-30°C	Pass	5.785G	5.78505573G	9.633	20	1	2 min
5785MHz_-30°C	Pass	5.785G	5.78505573G	9.634	20	1	5 min
5785MHz_-30°C	Pass	5.785G	5.78505574G	9.635	20	1	10 min
5785MHz_-20°C	Pass	5.785G	5.78506182G	10.686	20	1	0 min
5785MHz_-20°C	Pass	5.785G	5.78506184G	10.689	20	1	2 min
5785MHz_-20°C	Pass	5.785G	5.78506166G	10.658	20	1	5 min
5785MHz_-20°C	Pass	5.785G	5.78506152G	10.634	20	1	10 min
5785MHz_-10°C	Pass	5.785G	5.78505119G	8.848	20	1	0 min
5785MHz_-10°C	Pass	5.785G	5.78505109G	8.832	20	1	2 min
5785MHz_-10°C	Pass	5.785G	5.785051G	8.816	20	1	5 min
5785MHz_-10°C	Pass	5.785G	5.78505092G	8.802	20	1	10 min
5785MHz_0°C	Pass	5.785G	5.7850399G	6.897	20	1	0 min
5785MHz_0°C	Pass	5.785G	5.78503973G	6.868	20	1	2 min
5785MHz_0°C	Pass	5.785G	5.78503858G	6.669	20	1	5 min
5785MHz_0°C	Pass	5.785G	5.78503848G	6.651	20	1	10 min
5785MHz_10°C	Pass	5.785G	5.78502158G	3.731	20	1	0 min
5785MHz_10°C	Pass	5.785G	5.78502138G	3.696	20	1	2 min
5785MHz_10°C	Pass	5.785G	5.78501958G	3.385	20	1	5 min
5785MHz_10°C	Pass	5.785G	5.78501945G	3.363	20	1	10 min
5785MHz_20°C	Pass	5.785G	5.78500545G	0.942	20	1	0 min
5785MHz_20°C	Pass	5.785G	5.78500518G	0.896	20	1	2 min
5785MHz_20°C	Pass	5.785G	5.78500299G	0.516	20	1	5 min
5785MHz_20°C	Pass	5.785G	5.78500283G	0.489	20	1	10 min
5785MHz_30°C	Pass	5.785G	5.78498604G	2.413	20	1	0 min
5785MHz_30°C	Pass	5.785G	5.78498593G	2.431	20	1	2 min
5785MHz_30°C	Pass	5.785G	5.78498423G	2.726	20	1	5 min
5785MHz_30°C	Pass	5.785G	5.78498416G	2.739	20	1	10 min
5785MHz_40°C	Pass	5.785G	5.78497952G	3.54	20	1	0 min
5785MHz_40°C	Pass	5.785G	5.78497895G	3.639	20	1	2 min
5785MHz_40°C	Pass	5.785G	5.78497585G	4.175	20	1	5 min
5785MHz_40°C	Pass	5.785G	5.78497575G	4.193	20	1	10 min
5785MHz_50°C	Pass	5.785G	5.7849729G	4.685	20	1	0 min
5785MHz_50°C	Pass	5.785G	5.78497295G	4.676	20	1	2 min
5785MHz_50°C	Pass	5.785G	5.78497304G	4.66	20	1	5 min
5785MHz_50°C	Pass	5.785G	5.78497311G	4.649	20	1	10 min
5785MHz_60°C	Pass	5.785G	5.78497758G	3.876	20	1	0 min
5785MHz_60°C	Pass	5.785G	5.78497788G	3.824	20	1	2 min
5785MHz_60°C	Pass	5.785G	5.78497847G	3.722	20	1	5 min

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5785MHz_60°C	Pass	5.785G	5.78497874G	3.676	20	1	10 min
5785MHz_138V	Pass	5.785G	5.78500171G	0.296	20	1	0 min
5785MHz_138V	Pass	5.785G	5.78500166G	0.287	20	1	2 min
5785MHz_138V	Pass	5.785G	5.7850016G	0.277	20	1	5 min
5785MHz_138V	Pass	5.785G	5.78500156G	0.27	20	1	10 min
5785MHz_120V	Pass	5.785G	5.78500216G	0.374	20	1	0 min
5785MHz_120V	Pass	5.785G	5.78500209G	0.362	20	1	2 min
5785MHz_120V	Pass	5.785G	5.785002G	0.345	20	1	5 min
5785MHz_120V	Pass	5.785G	5.78500196G	0.338	20	1	10 min
5785MHz_102V	Pass	5.785G	5.7850026G	0.45	20	1	0 min
5785MHz_102V	Pass	5.785G	5.78500257G	0.444	20	1	2 min
5785MHz_102V	Pass	5.785G	5.78500253G	0.437	20	1	5 min
5785MHz_102V	Pass	5.785G	5.78500247G	0.427	20	1	10 min