FCC Test Report

Equipment	:	**UniFi Access Point**
Brand Name	:	**UBIQUITI**
Model No.	:	**UAP-HD-NANO**
FCC ID	:	**SWX-UAPHDNANO**
Standard	:	**47 CFR FCC Part 15.407**
Operating Band	:	**5150 MHz – 5250 MHz** **5725 MHz – 5850 MHz**
Applicant / Manufacturer	:	**Ubiquiti Networks, Inc.** **685 Third Avenue, 27th Floor New York, New York 10017 USA**
Function	:	**☐ Outdoor; ☒ Indoor; ☐ Fixed P2P** **☐ Client**

The product sample received on Oct. 30, 2017 and completely tested on Nov. 21, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Phoenix Chen / Assistant Manager

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
FR7O2609AN	Rev. 01	Initial issue of report	Nov. 24, 2017

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	-	-	internal antenna	Murata	3
	3	-	-	internal antenna	Murata	3
2	2	-	-	internal antenna	Murata	3
	4	-	-	internal antenna	Murata	3

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	0.797	0.985	1.397m	1k
802.11ac VHT20	0.782	1.068	1.317m	1k
802.11ac VHT40	0.647	1.891	657.813u	3k
802.11ac VHT80	0.504	2.976	328.125u	10k

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Tim	24.5°C / 65%	13/Nov/2017
Radiated	03CH09-HY	Andy	22.5°C / 62%	21/Nov/2017
AC Conduction	CO04-HY	Bear	24.3°C / 59%	17/Nov/2017

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1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
	Vnom	120V
Freq. Stability	Abbreviation	Remark
-10°C		
0°C		
10°C		
20°C		
30°C		
40°C		
50°C		
60°C		
70°C		
138V		
120V		
102V		

2.2 Test Channel Mode

Test Software Version	MT7603 QA 0.0.1.58

2.3 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	2.4G+5G;EUT =Y
2	2.4G+5G;EUT =X
Refer to Sporton Test Report No.: FA7O2609 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.4 Support Equipment

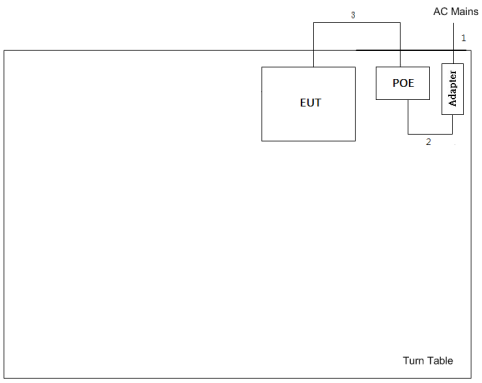
Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC Source	GW	APS-9102	-
4	PoE	D-Link	DWL-P200	-

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	D-Link	DWL-P200	-
2	AC adapter(PoE)	D-LinK	DSA-0421S-50	-

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	PoE	D-Link	DWL-P200	-
2	AC adapter(PoE)	D-LinK	DSA-0421S-50	-

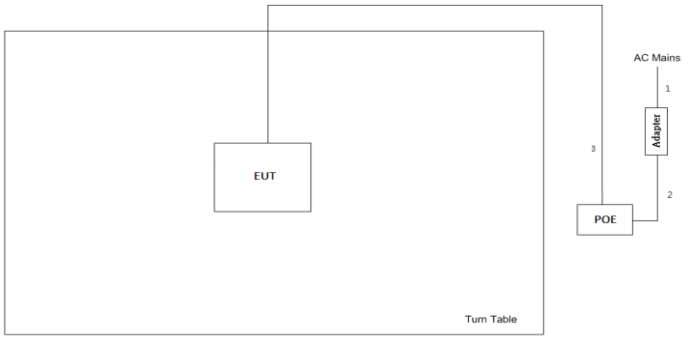
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1m	-
2	DC power line	No	1.5m	-
3	RJ-45 cable	No	1m	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power line	No	1m	-
2	DC power line	No	1.5m	-
3	RJ-45 cable	No	10m	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

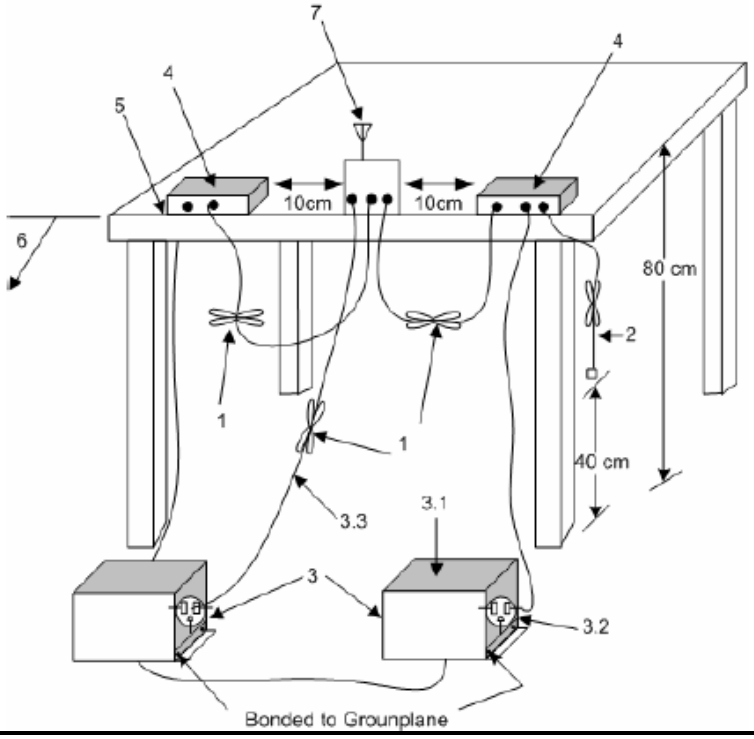
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

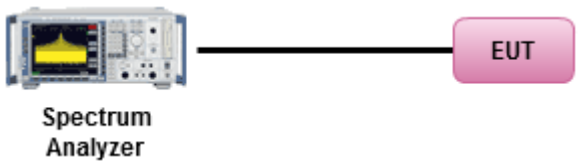
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

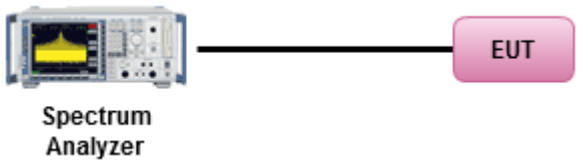
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

3.5.2 Measuring Instruments

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

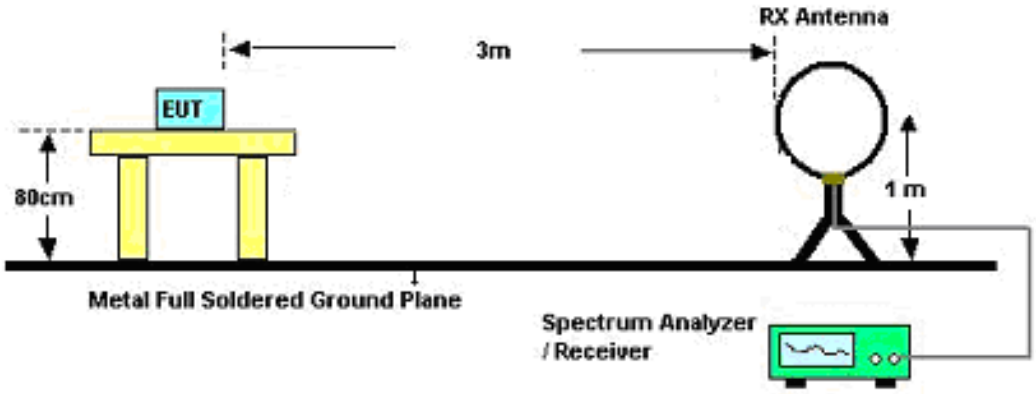
3.5.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 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.			

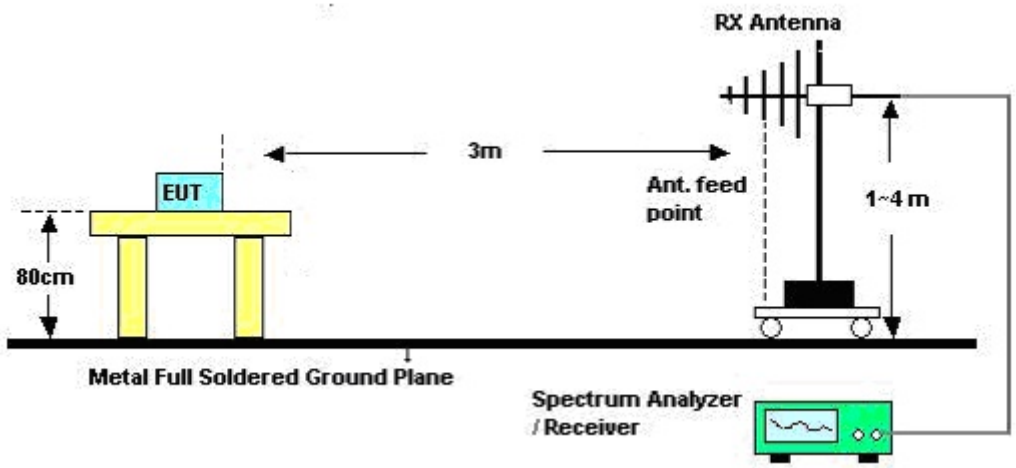
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

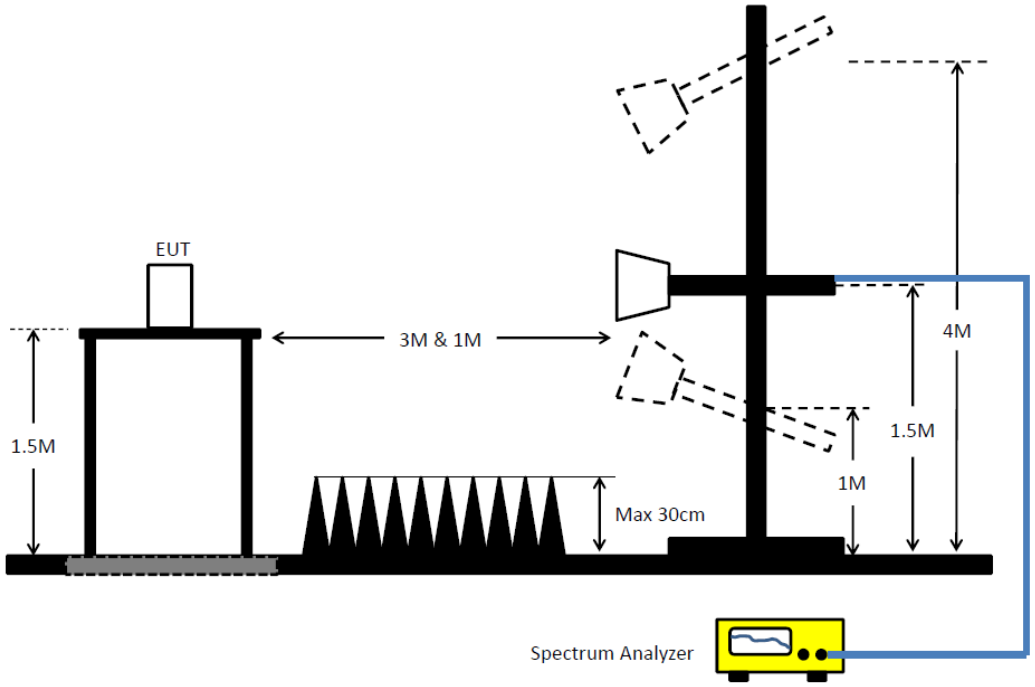
9kHz ~30MHz



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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

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

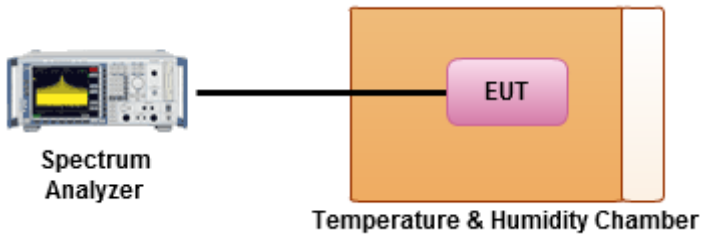
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

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

3.6.4 Test Setup

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	29/Apr/2017	28/Apr/2018
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK 8127	8127-477	9kHz ~ 30MHz	14/Feb/2017	13/Feb/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9kHz ~ 30MHz	06/Oct/2017	05/Oct/2018
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/009	9kHz ~ 30MHz	25/Oct/2017	24/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9 kHz ~ 30 MHz	12/Oct/2017	11/Oct/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	TDK	SAC-3M	03CH09-HY	30MHz ~ 1GHz	25/Apr/2017	24/Apr/2018
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz ~ 18GHz	28/Jun/2017	27/Jun/2018
Amplifier	Agilent	8449B	3008A02096	1GHz ~ 26.5GHz	25/Apr/2017	24/Apr/2018
Amplifier	EMC	EMC9135	980232	9KHz~1GHz	25/Apr/2017	24/Apr/2018
Spectrum Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz ~ 44GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna	TESEQ	CBL 6111D	35418	30MHz~1GHz	09/Sep/2017	08/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA9120D 1534	1GHz~18GHz	28/Apr/2017	27/Apr/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170614	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Amplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	06/Feb/2017	05/Feb/2018
Loop Antenna	TESTQ	HLA 6120	31244	9 kHz~30 MHz	02/Mar/2017	01/Mar/2018
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	02/Feb/2017	01/Feb/2018
RF Cable-high	Jye Bao	RG142	03CH09-HY	1GHz ~ 40GHz	02/Feb/2017	01/Feb/2018
Receiver	R&S	ESR3	102052	9KHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018

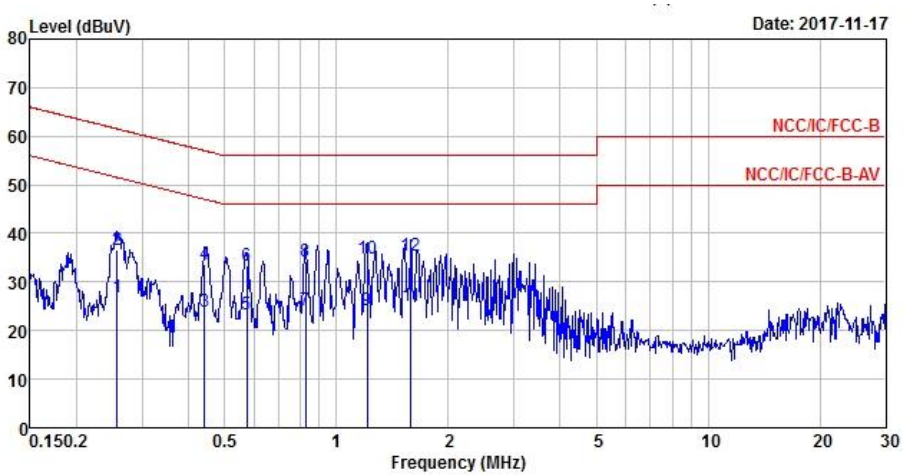
Instrument for Co-location Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSP40	100305	9KHz - 40GHz	30/Dec/2016	29/Dec/2017
3m Semi Anechoic	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz	12/Dec/2016	11/Dec/2017
Amplifier	Ketsight	8449B	3008A02373	1GHz-26.5GHz	18/Sep/2017	18/Sep/2018
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA9120D 01531	1GHz-18GHz	11/May/2017	10/May/2018
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	18GHz-40GHz	06/Feb/2017	05/Feb/2018
Receiver	R&S	ESU3	102052	9kHz ~ 3.6GHz	29/Apr/2017	28/Apr/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	26/Jan/2017	25/Jan/2018

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101515	9kHz~40GHz	26/Nov/2016	25/Nov/2017
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018

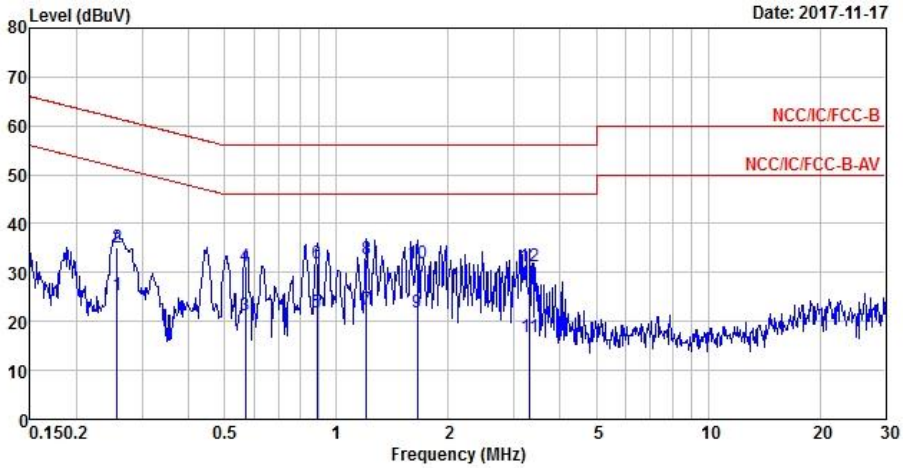
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	PoE Mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.25751	26.98	-24.53	51.51	26.91	0.03	0.04	Average
2	0.25751	36.58	-24.93	61.51	36.51	0.03	0.04	QP
3	0.44208	23.77	-23.25	47.02	23.65	0.03	0.09	Average
4	0.44208	33.52	-23.50	57.02	33.40	0.03	0.09	QP
5	0.57313	23.42	-22.58	46.00	23.32	0.04	0.06	Average
6	0.57313	33.30	-22.70	56.00	33.20	0.04	0.06	QP
7	0.82608	24.10	-21.90	46.00	24.03	0.05	0.02	Average
8	0.82608	34.36	-21.64	56.00	34.29	0.05	0.02	QP
9	1.20975	24.27	-21.73	46.00	24.22	0.05	0.00	Average
10	1.20975	34.69	-21.31	56.00	34.64	0.05	0.00	QP
11	1.58507	25.09	-20.91	46.00	25.03	0.06	0.00	Average
12 MAX	1.58507	35.37	-20.63	56.00	35.31	0.06	0.00	QP

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

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



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.25751	25.48	-26.03	51.51	25.37	0.07	0.04	Average
2	0.25751	35.03	-26.48	61.51	34.92	0.07	0.04	QP
3	0.57010	21.27	-24.73	46.00	21.13	0.08	0.06	Average
4	0.57010	31.21	-24.79	56.00	31.07	0.08	0.06	QP
5	0.88499	21.75	-24.25	46.00	21.65	0.09	0.01	Average
6	0.88499	32.02	-23.98	56.00	31.92	0.09	0.01	QP
7	1.20336	22.36	-23.64	46.00	22.26	0.10	0.00	Average
8 MAX	1.20336	32.82	-23.18	56.00	32.72	0.10	0.00	QP
9	1.65370	21.88	-24.12	46.00	21.77	0.11	0.00	Average
10	1.65370	31.91	-24.09	56.00	31.80	0.11	0.00	QP
11	3.31049	16.74	-29.26	46.00	16.52	0.16	0.06	Average
12	3.31049	31.17	-24.83	56.00	30.95	0.16	0.06	QP

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	34.075M	16.667M	16M7D1D	22.225M	16.367M
802.11ac VHT20_Nss1,(MCS0)_4TX	38.75M	17.741M	17M7D1D	19.925M	17.566M
802.11ac VHT40_Nss1,(MCS0)_4TX	73.3M	36.232M	36M2D1D	40M	35.932M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.3M	75.262M	75M3D1D	79.5M	74.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.875M	22.589M	22M6D1D	12.975M	16.742M
802.11ac VHT20_Nss1,(MCS0)_4TX	15.925M	20.09M	20M1D1D	14.05M	17.891M
802.11ac VHT40_Nss1,(MCS0)_4TX	35.1M	38.131M	38M1D1D	32.65M	36.282M
802.11ac VHT80_Nss1,(MCS0)_4TX	75M	75.762M	75M8D1D	70M	75.362M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.225M	16.542M	22.225M	16.367M	24.55M	16.442M	25.6M	16.492M
5200MHz	Pass	Inf	34.075M	16.617M	28.85M	16.442M	28.3M	16.492M	28.8M	16.567M
5240MHz	Pass	Inf	31.075M	16.667M	27.925M	16.467M	28.925M	16.567M	32.7M	16.517M
5745MHz	Pass	500k	14.925M	19.49M	15.05M	17.166M	15.05M	16.742M	15M	17.041M
5785MHz	Pass	500k	15.1M	18.316M	15.05M	22.589M	14.975M	19.14M	15.075M	20.44M
5825MHz	Pass	500k	12.975M	18.591M	13.75M	18.091M	15.875M	17.066M	15.1M	20.465M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	28.85M	17.566M	20.15M	17.566M	19.925M	17.591M	20.2M	17.591M
5200MHz	Pass	Inf	38.25M	17.691M	27.375M	17.591M	32.2M	17.616M	32.025M	17.691M
5240MHz	Pass	Inf	38.75M	17.741M	31.4M	17.641M	34.875M	17.741M	34.475M	17.716M
5745MHz	Pass	500k	14.925M	19.265M	15.825M	18.516M	15.075M	17.941M	15.05M	18.016M
5785MHz	Pass	500k	15.075M	18.666M	15.925M	20.09M	15.075M	18.041M	15.125M	18.066M
5825MHz	Pass	500k	14.05M	18.266M	15.05M	18.366M	15.075M	17.891M	15.075M	19.165M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.35M	35.982M	40M	35.982M	40M	36.032M	40.1M	36.032M
5230MHz	Pass	Inf	73.3M	36.232M	40.45M	35.932M	65.2M	35.982M	69.1M	36.132M
5755MHz	Pass	500k	35.05M	37.031M	35.05M	37.481M	33.75M	36.282M	35.1M	36.482M
5795MHz	Pass	500k	35.1M	38.131M	32.65M	37.681M	33.75M	36.432M	35.05M	36.432M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.3M	74.963M	79.5M	74.963M	79.9M	75.062M	79.8M	75.262M
5775MHz	Pass	500k	70M	75.762M	75M	75.362M	73.7M	75.562M	70M	75.462M

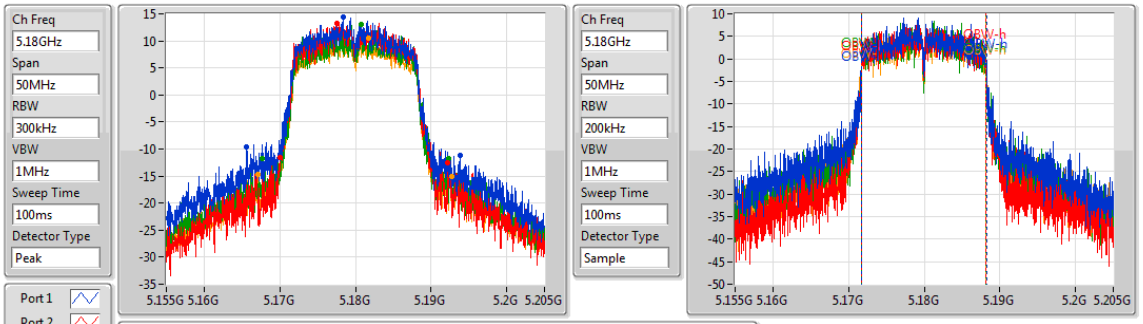
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

09/11/2017



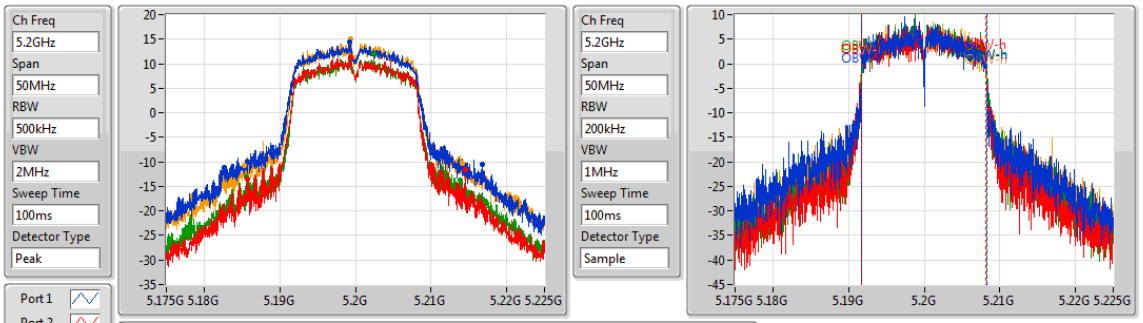
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.225M	5.165625G	5.19385G	16.542M	5.171679G	5.188221G	Inf	1
22.225M	5.17G	5.192225G	16.367M	5.171779G	5.188146G	Inf	2
24.55M	5.167725G	5.192275G	16.442M	5.171754G	5.188196G	Inf	3
25.6M	5.167075G	5.192675G	16.492M	5.171704G	5.188196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

08/11/2017



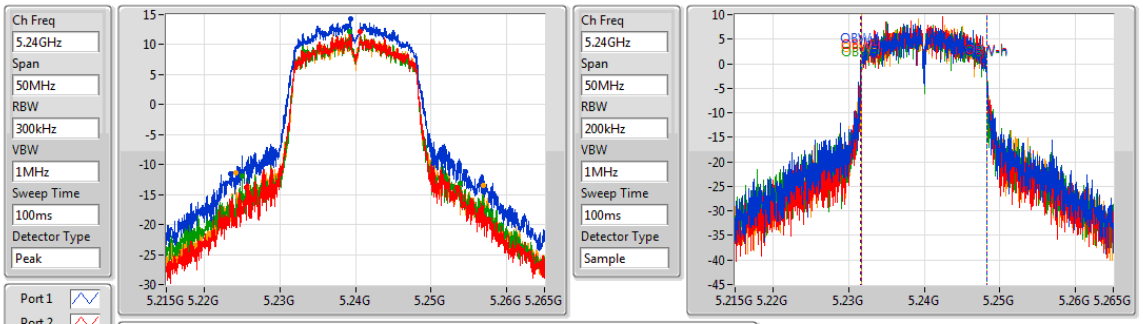
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.075M	5.182675G	5.21675G	16.617M	5.191654G	5.208271G	Inf	1
28.85M	5.185675G	5.214525G	16.442M	5.191754G	5.208196G	Inf	2
28.3M	5.1856G	5.2139G	16.492M	5.191779G	5.208271G	Inf	3
28.8M	5.185325G	5.214125G	16.567M	5.191704G	5.208271G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

08/11/2017

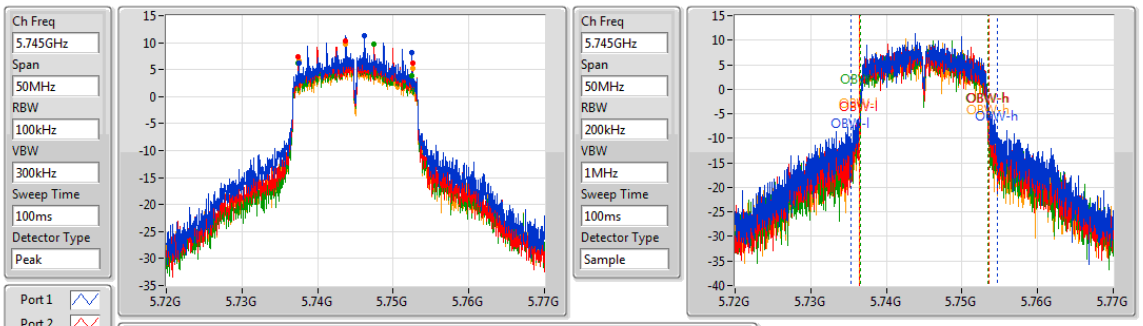


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.075M	5.223525G	5.2546G	16.667M	5.231604G	5.248271G	Inf	1
27.925M	5.22555G	5.253475G	16.467M	5.231754G	5.248221G	Inf	2
28.925M	5.224975G	5.2539G	16.567M	5.231679G	5.248246G	Inf	3
32.7M	5.22425G	5.25695G	16.517M	5.231729G	5.248246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5745MHz

09/11/2017

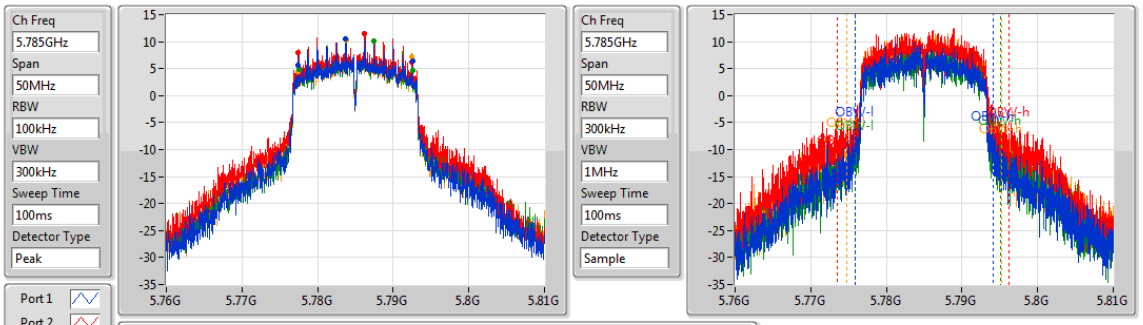


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	5.73755G	5.752475G	19.49M	5.735255G	5.754745G	500k	1
15.05M	5.737475G	5.752525G	17.166M	5.736404G	5.753571G	500k	2
15.05M	5.73745G	5.7525G	16.742M	5.736629G	5.753371G	500k	3
15M	5.737525G	5.752525G	17.041M	5.736479G	5.753521G	500k	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5785MHz

09/11/2017

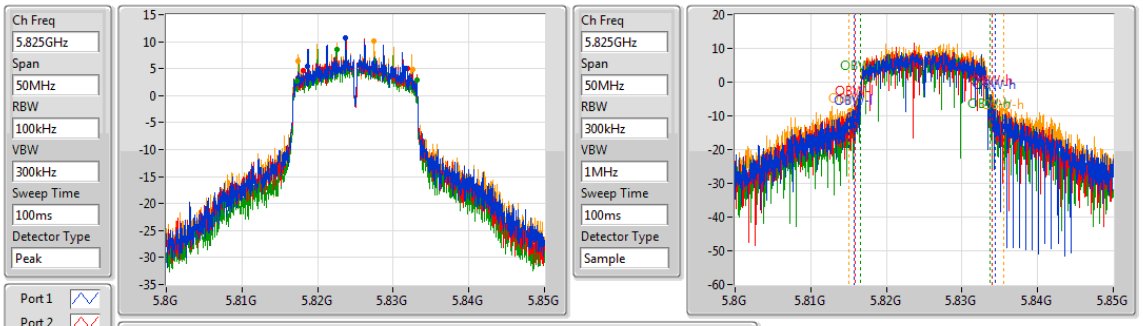


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.1M	5.777425G	5.792525G	18.316M	5.775855G	5.79417G	500k	1
15.05M	5.77745G	5.7925G	22.589M	5.773556G	5.796144G	500k	2
14.975M	5.77755G	5.792525G	19.14M	5.77593G	5.79507G	500k	3
15.075M	5.777425G	5.7925G	20.44M	5.77483G	5.79527G	500k	4

802.11a_Nss1,(6Mbps)_4TX — EBW

5825MHz

09/11/2017



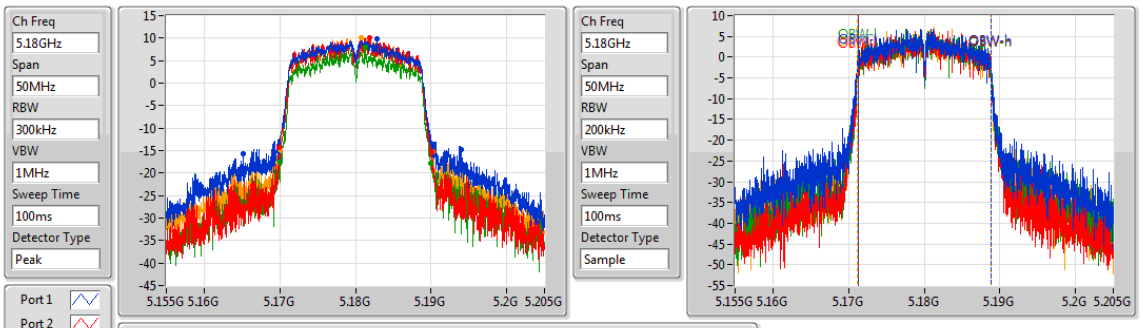
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.975M	5.818675G	5.83165G	18.591M	5.815755G	5.834345G	500k	1
13.75M	5.818125G	5.831875G	18.091M	5.81588G	5.833971G	500k	2
15.875M	5.81725G	5.833125G	17.066M	5.816604G	5.833671G	500k	3
15.1M	5.81745G	5.83255G	20.465M	5.815105G	5.83557G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

08/11/2017



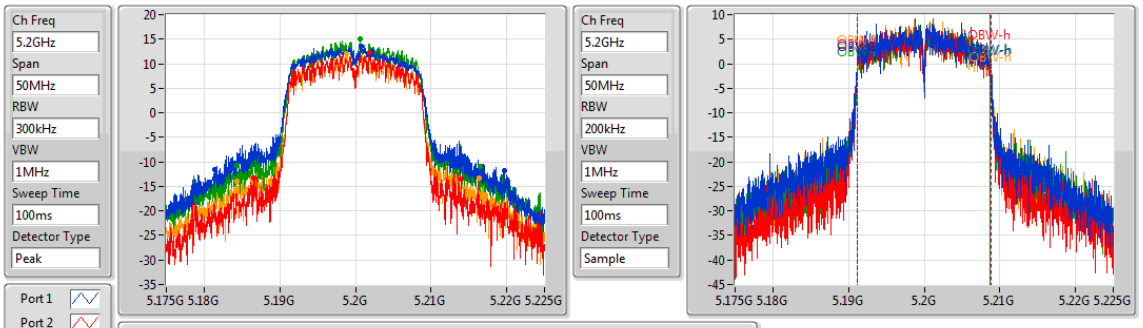
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.85M	5.1651G	5.19395G	17.566M	5.171229G	5.188796G	Inf	1
20.15M	5.1699G	5.19005G	17.566M	5.171229G	5.188796G	Inf	2
19.925M	5.1701G	5.190025G	17.591M	5.171229G	5.188821G	Inf	3
20.2M	5.169975G	5.190175G	17.591M	5.171204G	5.188796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

08/11/2017



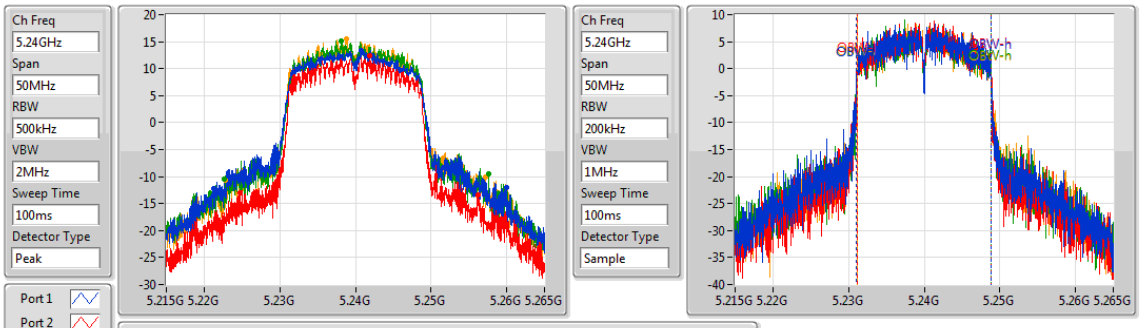
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.25M	5.181475G	5.219725G	17.691M	5.191104G	5.208796G	Inf	1
27.375M	5.186625G	5.214G	17.591M	5.191179G	5.208771G	Inf	2
32.2M	5.184325G	5.216525G	17.616M	5.191154G	5.208771G	Inf	3
32.025M	5.1843G	5.216325G	17.691M	5.191129G	5.208821G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

08/11/2017



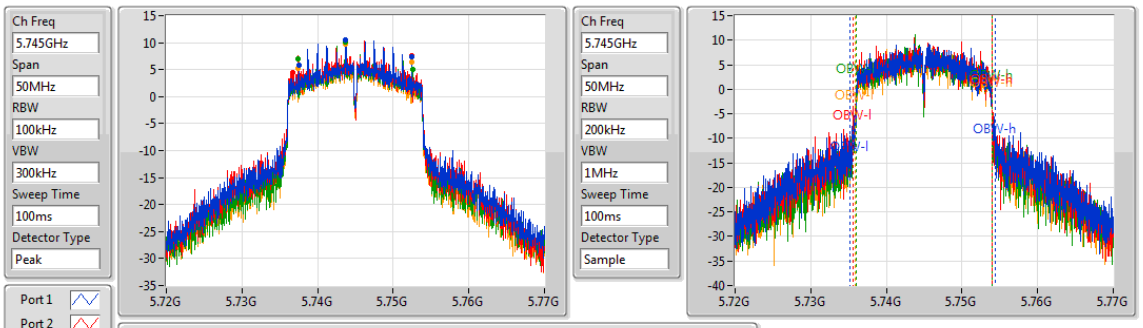
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.75M	5.221225G	5.259975G	17.741M	5.231079G	5.248821G	Inf	1
31.4M	5.224775G	5.256175G	17.641M	5.231154G	5.248796G	Inf	2
34.875M	5.2227G	5.257575G	17.741M	5.231079G	5.248821G	Inf	3
34.475M	5.22275G	5.257225G	17.716M	5.231129G	5.248846G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

13/11/2017



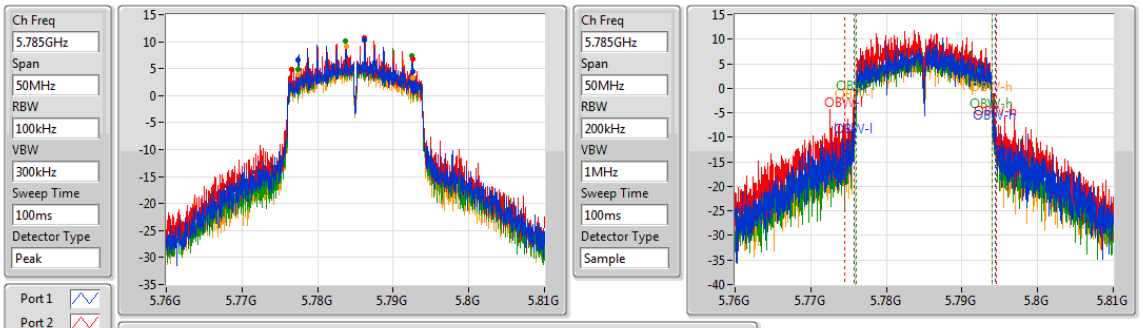
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	5.73755G	5.752475G	19.265M	5.73518G	5.754445G	500k	1
15.825M	5.73665G	5.752475G	18.516M	5.73553G	5.754045G	500k	2
15.075M	5.737475G	5.75255G	17.941M	5.736004G	5.753946G	500k	3
15.05M	5.73745G	5.7525G	18.016M	5.73593G	5.753946G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

13/11/2017



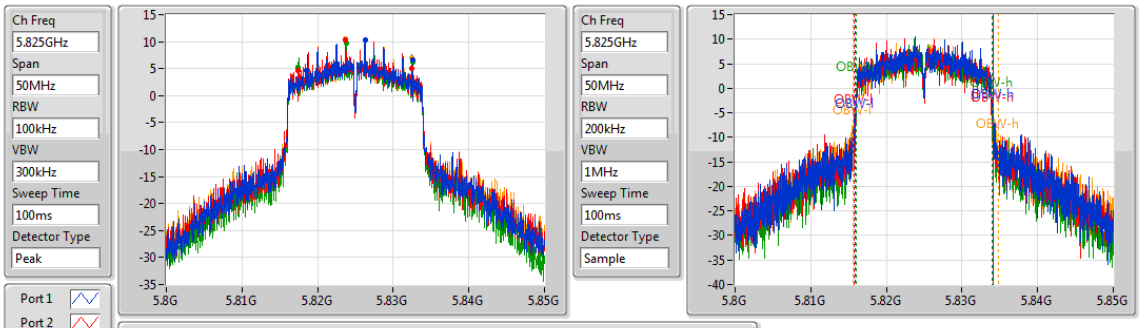
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	5.77745G	5.792525G	18.666M	5.77568G	5.794345G	500k	1
15.925M	5.7766G	5.792525G	20.09M	5.774455G	5.794545G	500k	2
15.075M	5.777425G	5.7925G	18.041M	5.77598G	5.79402G	500k	3
15.125M	5.777425G	5.79255G	18.066M	5.77593G	5.793996G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

13/11/2017



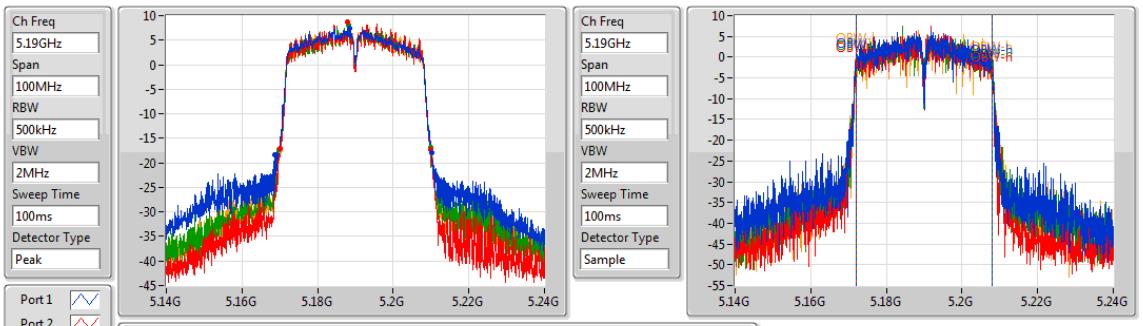
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.05M	5.818475G	5.832525G	18.266M	5.815905G	5.83417G	500k	1
15.05M	5.817425G	5.832475G	18.366M	5.81578G	5.834145G	500k	2
15.075M	5.81745G	5.832525G	17.891M	5.816029G	5.833921G	500k	3
15.075M	5.817425G	5.8325G	19.165M	5.815605G	5.83477G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

08/11/2017



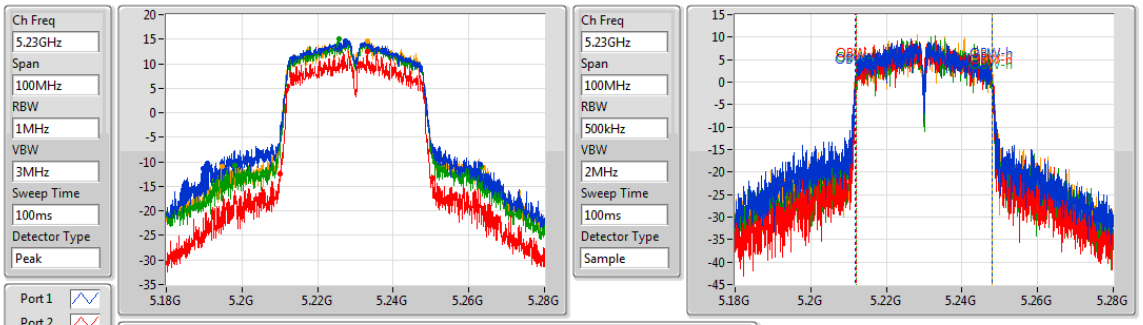
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.35M	5.16875G	5.2101G	35.982M	5.171909G	5.207891G	Inf	1
40M	5.17G	5.21G	35.982M	5.171909G	5.207891G	Inf	2
40M	5.1699G	5.2099G	36.032M	5.171959G	5.207991G	Inf	3
40.1M	5.16995G	5.21005G	36.032M	5.171909G	5.207941G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

08/11/2017



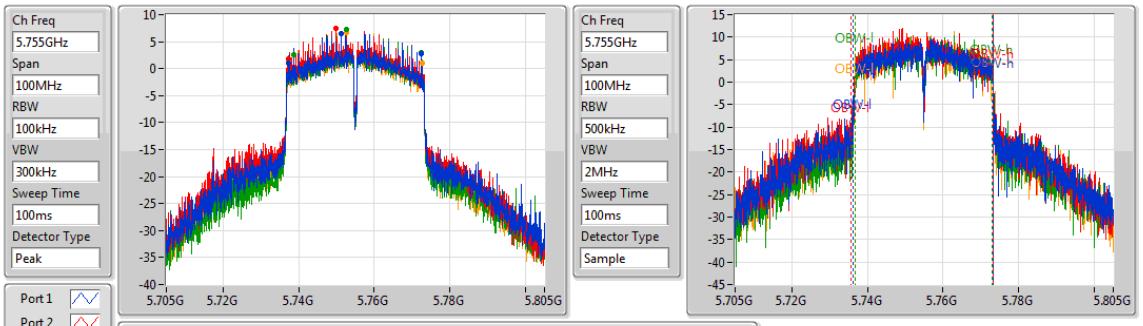
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.3M	5.1897G	5.263G	36.232M	5.211759G	5.247991G	Inf	1
40.45M	5.21G	5.25045G	35.932M	5.212009G	5.247941G	Inf	2
65.2M	5.198G	5.2632G	35.982M	5.211959G	5.247941G	Inf	3
69.1M	5.1948G	5.2639G	36.132M	5.211909G	5.248041G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

13/11/2017



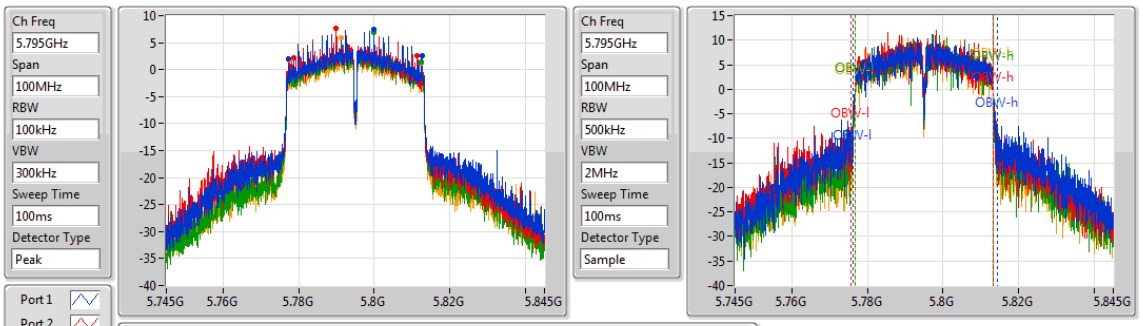
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	5.73745G	5.7725G	37.031M	5.736259G	5.773291G	500k	1
35.05M	5.73745G	5.7725G	37.481M	5.73571G	5.773191G	500k	2
33.75M	5.73875G	5.7725G	36.282M	5.736809G	5.773091G	500k	3
35.1M	5.73745G	5.77255G	36.482M	5.736659G	5.773141G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

13/11/2017



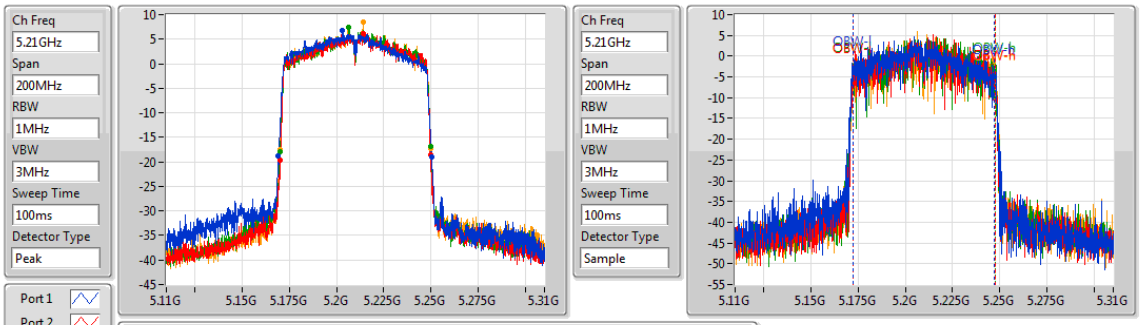
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	5.77745G	5.81255G	38.131M	5.776109G	5.81424G	500k	1
32.65M	5.77865G	5.8113G	37.681M	5.77561G	5.813291G	500k	2
33.75M	5.77875G	5.8125G	36.432M	5.776759G	5.813191G	500k	3
35.05M	5.77745G	5.8125G	36.432M	5.776759G	5.813191G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

08/11/2017



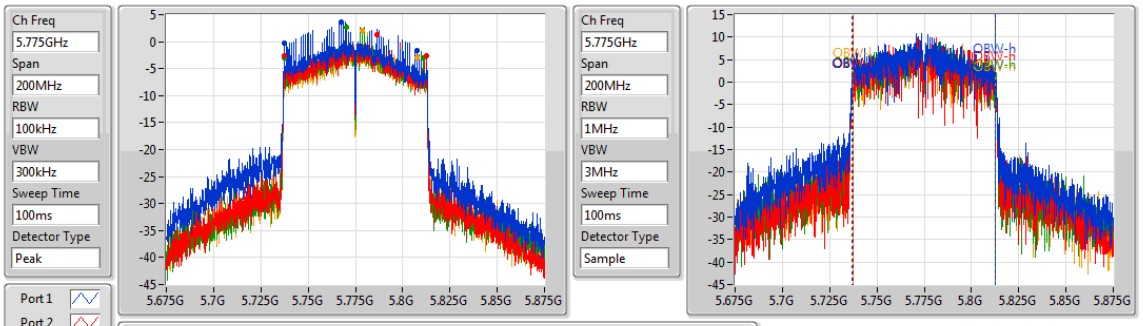
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.3M	5.1692G	5.2505G	74.963M	5.172119G	5.247081G	Inf	1
79.5M	5.1703G	5.2498G	74.963M	5.172619G	5.247581G	Inf	2
79.9M	5.17G	5.2499G	75.062M	5.172419G	5.247481G	Inf	3
79.8M	5.17G	5.2498G	75.262M	5.172419G	5.247681G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

08/11/2017



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70M	5.7375G	5.8075G	75.762M	5.736819G	5.812581G	500k	1
75M	5.7375G	5.8125G	75.362M	5.737119G	5.812481G	500k	2
73.7M	5.7375G	5.8112G	75.562M	5.737119G	5.812681G	500k	3
70M	5.7375G	5.8075G	75.462M	5.737219G	5.812681G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.08	0.40551	29.08	0.80910
802.11ac VHT20_Nss1,(MCS0)_4TX	26.12	0.40926	29.12	0.81658
802.11ac VHT40_Nss1,(MCS0)_4TX	25.93	0.39174	28.93	0.78163
802.11ac VHT80_Nss1,(MCS0)_4TX	19.93	0.09840	22.93	0.19634
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.31	0.42756	29.31	0.85310
802.11ac VHT20_Nss1,(MCS0)_4TX	26.12	0.40926	29.12	0.81658
802.11ac VHT40_Nss1,(MCS0)_4TX	25.91	0.38994	28.91	0.77804
802.11ac VHT80_Nss1,(MCS0)_4TX	24.75	0.29854	27.75	0.59566

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.00	18.30	18.00	17.33	17.52	23.83	30.00	26.83	36.00
5200MHz_TnomVnom	Pass	3.00	20.36	19.86	19.92	20.10	26.08	30.00	29.08	36.00
5240MHz_TnomVnom	Pass	3.00	20.16	20.18	19.93	19.98	26.08	30.00	29.08	36.00
5745MHz_TnomVnom	Pass	3.00	20.21	20.36	19.74	19.30	25.94	30.00	28.94	36.00
5785MHz_TnomVnom	Pass	3.00	19.51	20.97	20.34	20.23	26.31	30.00	29.31	36.00
5825MHz_TnomVnom	Pass	3.00	20.15	20.23	19.36	19.98	25.96	30.00	28.96	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.00	18.51	17.65	17.63	17.73	23.92	30.00	26.92	36.00
5200MHz_TnomVnom	Pass	3.00	20.20	20.36	19.91	19.89	26.12	30.00	29.12	36.00
5240MHz_TnomVnom	Pass	3.00	20.11	20.08	20.03	20.02	26.08	30.00	29.08	36.00
5745MHz_TnomVnom	Pass	3.00	20.29	20.43	20.06	19.55	26.12	30.00	29.12	36.00
5785MHz_TnomVnom	Pass	3.00	20.26	20.44	20.00	19.34	26.05	30.00	29.05	36.00
5825MHz_TnomVnom	Pass	3.00	20.06	20.26	19.91	20.02	26.08	30.00	29.08	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	3.00	16.86	15.71	16.15	15.97	22.21	30.00	25.21	36.00
5230MHz_TnomVnom	Pass	3.00	20.32	20.02	19.39	19.85	25.93	30.00	28.93	36.00
5755MHz_TnomVnom	Pass	3.00	19.96	20.29	19.77	19.42	25.89	30.00	28.89	36.00
5795MHz_TnomVnom	Pass	3.00	20.34	20.23	19.71	19.16	25.91	30.00	28.91	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	3.00	14.19	13.58	13.89	13.95	19.93	30.00	22.93	36.00
5775MHz_TnomVnom	Pass	3.00	19.60	18.67	18.51	17.96	24.75	30.00	27.75	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.86	22.88
802.11ac VHT20_Nss1,(MCS0)_4TX	13.87	22.89
802.11ac VHT40_Nss1,(MCS0)_4TX	10.71	19.73
802.11ac VHT80_Nss1,(MCS0)_4TX	2.33	11.35
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.57	22.59
802.11ac VHT20_Nss1,(MCS0)_4TX	12.95	21.97
802.11ac VHT40_Nss1,(MCS0)_4TX	9.99	19.01
802.11ac VHT80_Nss1,(MCS0)_4TX	5.94	14.96

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

Result

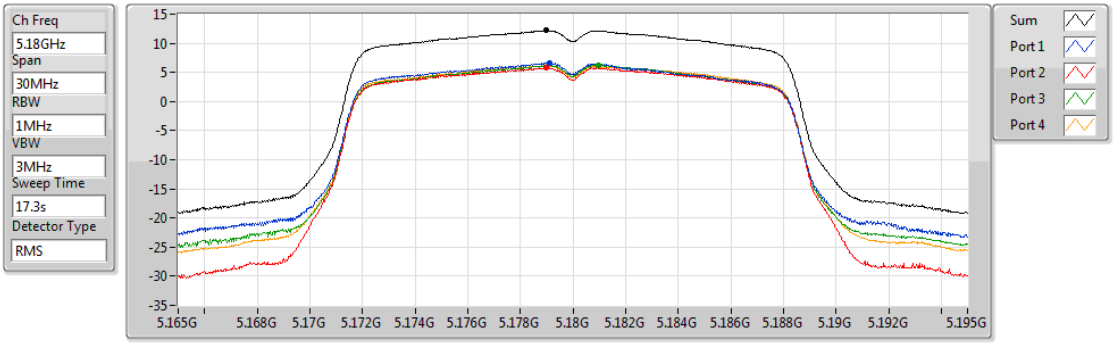
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	9.02	6.63	5.90	6.27	6.14	12.21	13.98	21.23	23.00
5200MHz_TnomVnom	Pass	9.02	8.06	7.63	7.77	7.60	13.72	13.98	22.74	23.00
5240MHz_TnomVnom	Pass	9.02	7.94	7.97	7.86	7.73	13.86	13.98	22.88	23.00
5745MHz_TnomVnom	Pass	9.02	7.90	7.39	7.02	6.59	13.23	26.98	22.25	36.00
5785MHz_TnomVnom	Pass	9.02	7.16	8.27	7.53	7.31	13.57	26.98	22.59	36.00
5825MHz_TnomVnom	Pass	9.02	7.53	7.38	6.60	7.25	13.20	26.98	22.22	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	9.02	6.15	5.26	5.66	5.41	11.58	13.98	20.60	23.00
5200MHz_TnomVnom	Pass	9.02	7.83	7.69	7.60	7.84	13.71	13.98	22.73	23.00
5240MHz_TnomVnom	Pass	9.02	7.75	8.08	7.78	7.92	13.87	13.98	22.89	23.00
5745MHz_TnomVnom	Pass	9.02	6.94	7.46	6.95	6.54	12.95	26.98	21.97	36.00
5785MHz_TnomVnom	Pass	9.02	6.82	7.44	6.97	6.29	12.87	26.98	21.89	36.00
5825MHz_TnomVnom	Pass	9.02	7.00	7.19	6.69	6.99	12.93	26.98	21.95	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	9.02	1.86	0.62	1.04	0.97	7.15	13.98	16.17	23.00
5230MHz_TnomVnom	Pass	9.02	5.01	4.63	4.53	4.79	10.71	13.98	19.73	23.00
5755MHz_TnomVnom	Pass	9.02	3.90	4.42	3.97	3.45	9.94	26.98	18.96	36.00
5795MHz_TnomVnom	Pass	9.02	4.34	4.34	3.89	3.22	9.99	26.98	19.01	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	9.02	-3.24	-4.04	-3.41	-3.57	2.33	13.98	11.35	23.00
5775MHz_TnomVnom	Pass	9.02	1.18	-0.38	-0.25	-0.87	5.94	26.98	14.96	36.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

09/11/2017

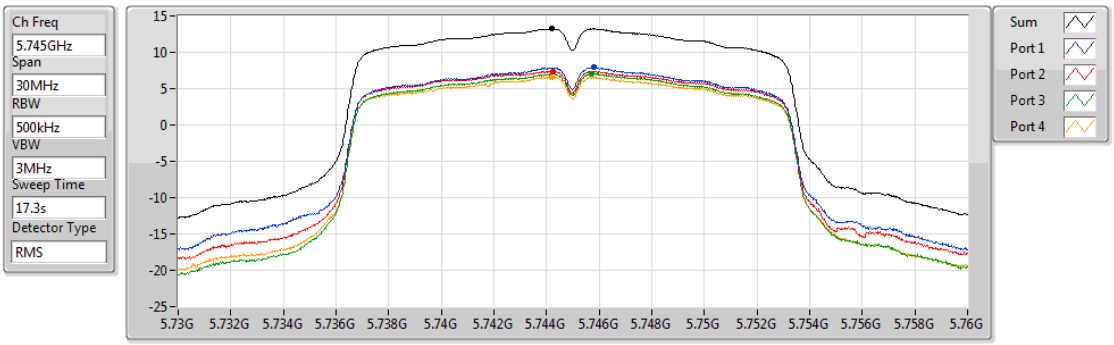


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.21	12.21	6.63	5.90	6.27	6.14

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

09/11/2017

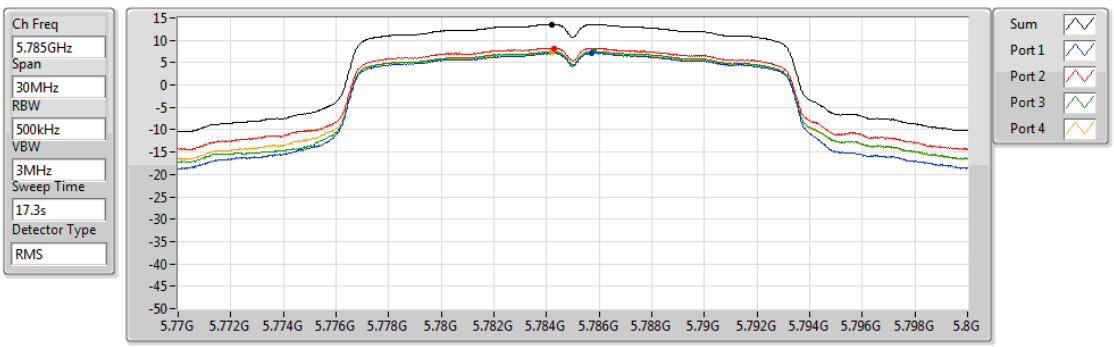


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.23	13.23	7.90	7.39	7.02	6.59

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

09/11/2017

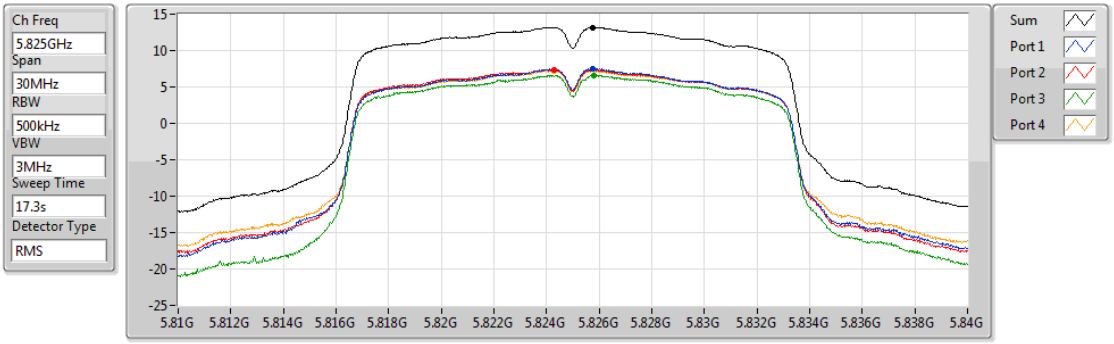


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.57	13.57	7.16	8.27	7.53	7.31

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

09/11/2017

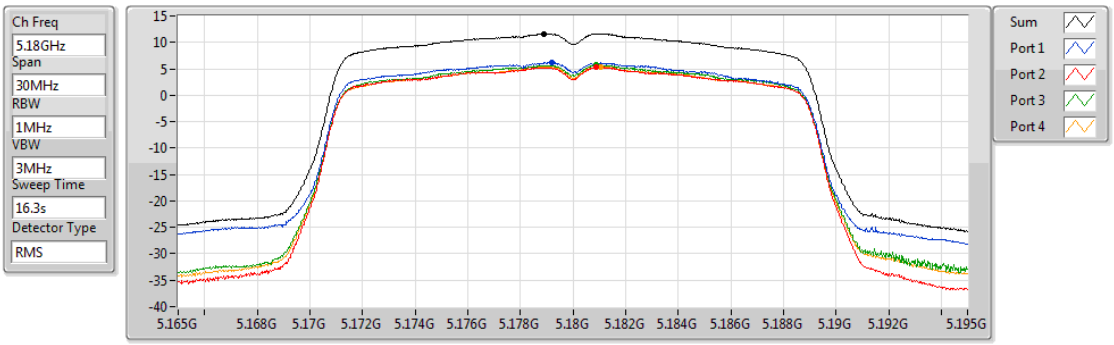


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.20	13.20	7.53	7.38	6.60	7.25

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5180MHz

08/11/2017

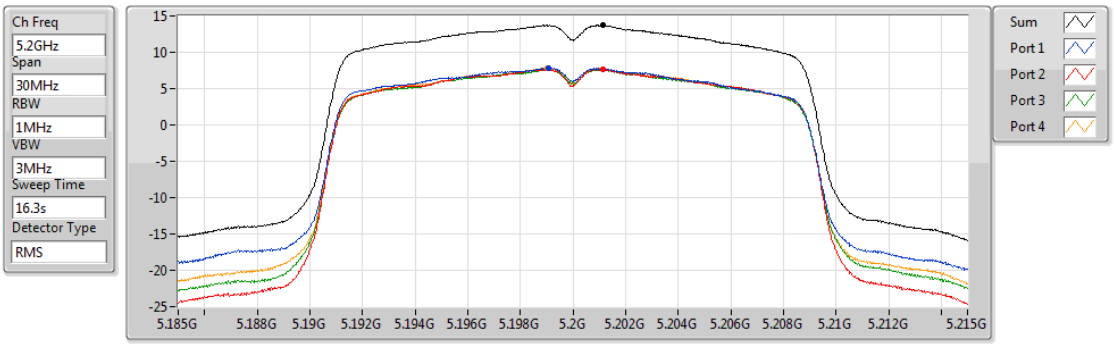


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.58	11.58	6.15	5.26	5.66	5.41

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5200MHz

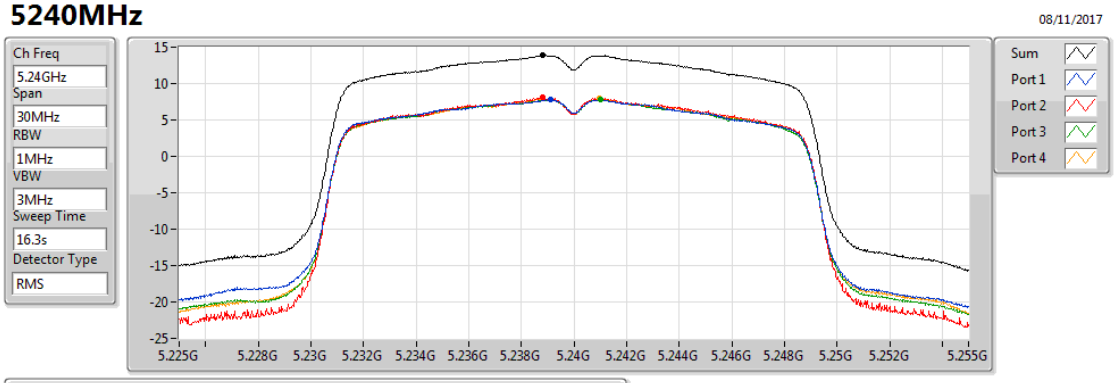
08/11/2017



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	7.83	7.69	7.60	7.84

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

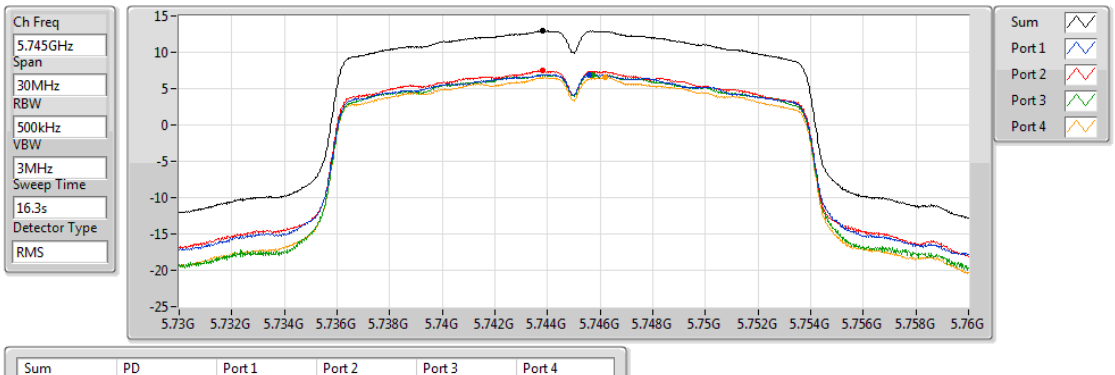
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.87	13.87	7.75	8.08	7.78	7.92

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

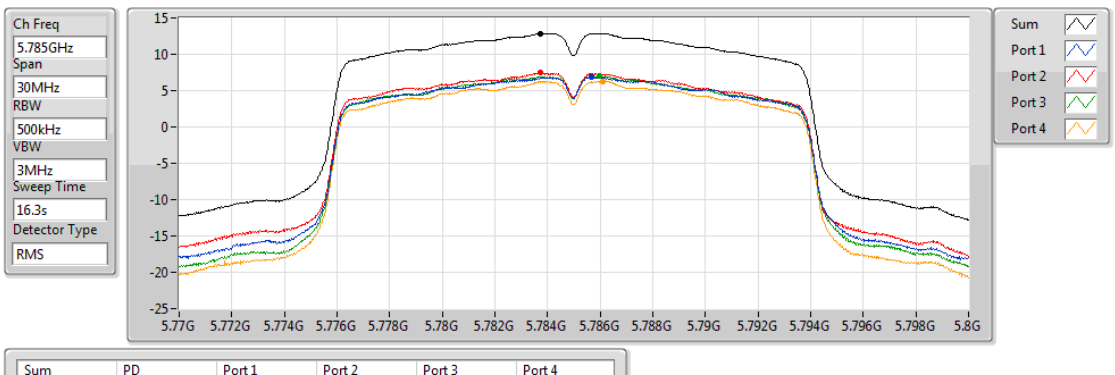
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.95	12.95	6.94	7.46	6.95	6.54

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

5785MHz

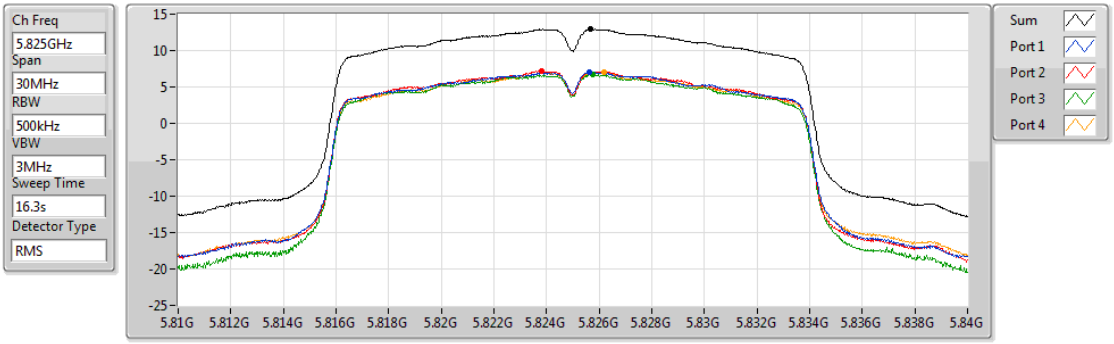


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.87	12.87	6.82	7.44	6.97	6.29

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5825MHz

13/11/2017

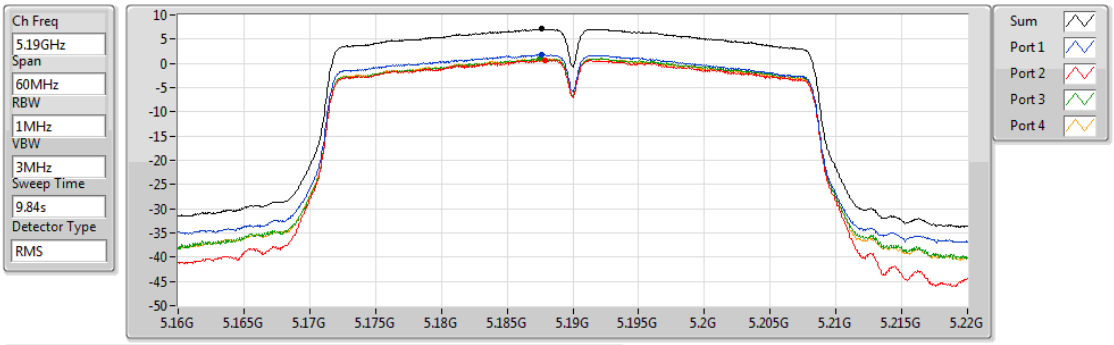


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.93	12.93	7.00	7.19	6.69	6.99

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5190MHz

08/11/2017

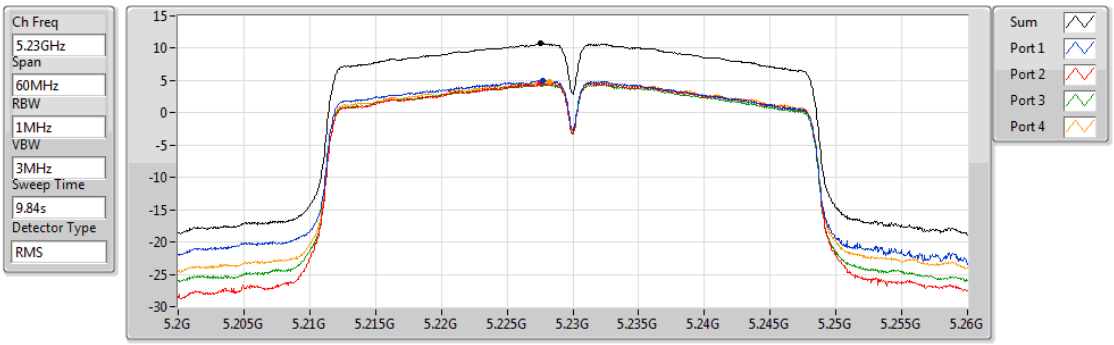


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	1.86	0.62	1.04	0.97

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5230MHz

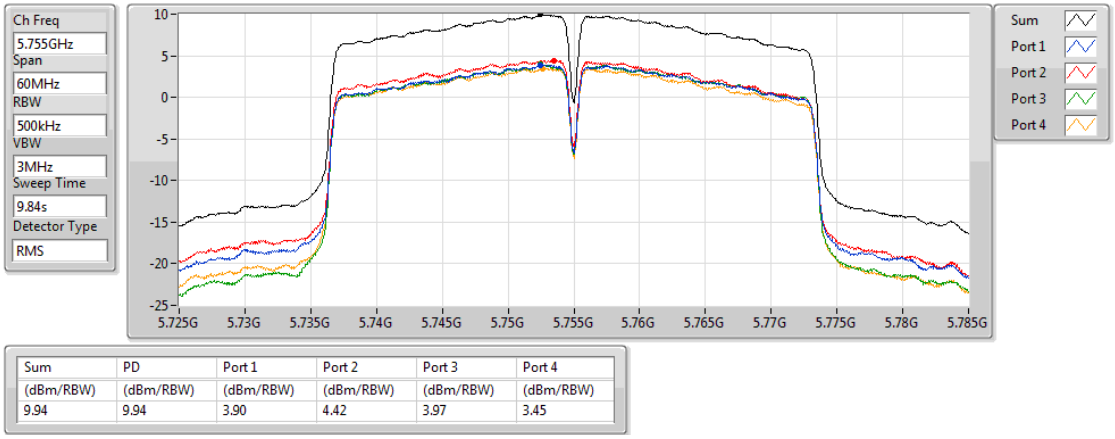
08/11/2017



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	5.01	4.63	4.53	4.79

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

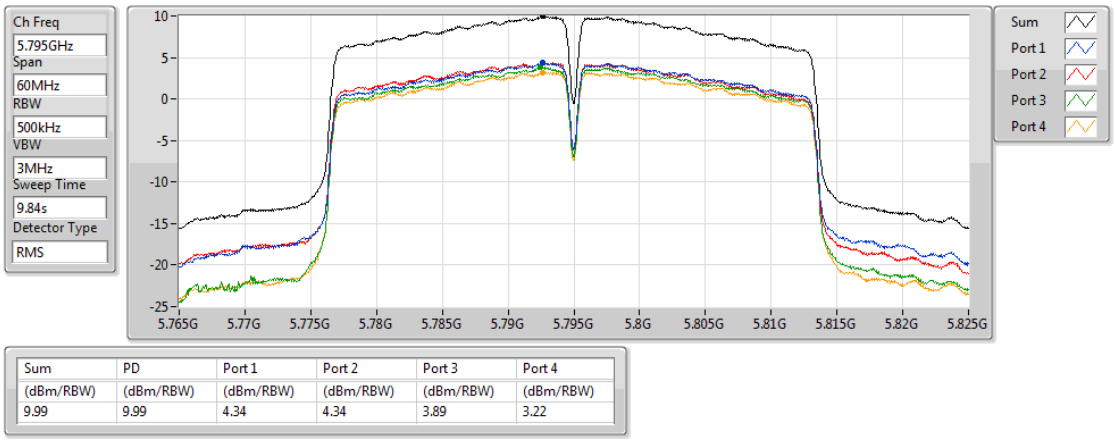
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.94	9.94	3.90	4.42	3.97	3.45

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

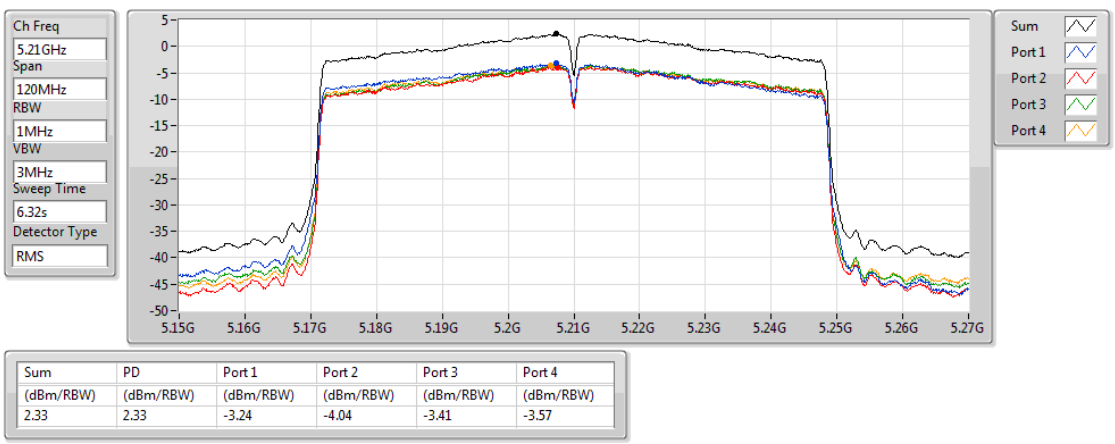
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.99	9.99	4.34	4.34	3.89	3.22

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

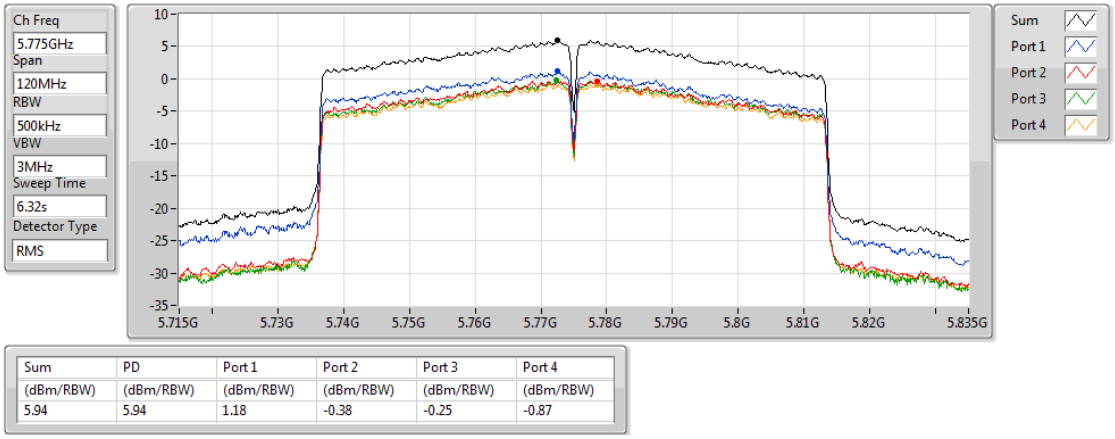
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.33	2.33	-3.24	-4.04	-3.41	-3.57

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

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	1.18	-0.38	-0.25	-0.87

Summary

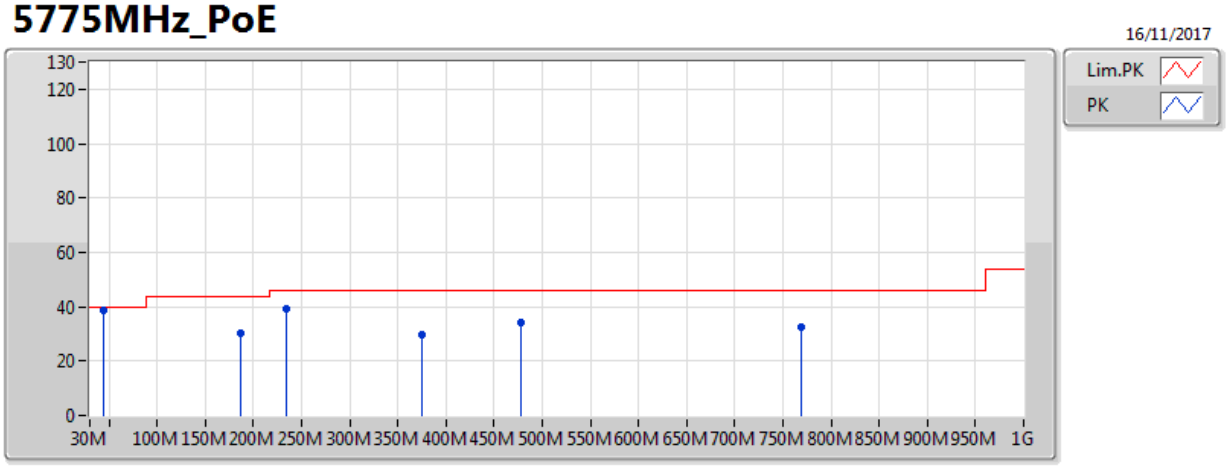
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	QP	43.58M	38.44	40.00	-1.56	-19.54	3	Vertical	360	1.21	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	59.1M	28.98	40.00	-11.02	-24.76	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	111.48M	29.97	43.50	-13.53	-18.81	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	293.84M	35.08	46.00	-10.92	-15.23	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	410.24M	30.63	46.00	-15.37	-11.76	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	625.58M	32.83	46.00	-13.17	-7.58	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	769.14M	35.85	46.00	-10.15	-5.46	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	187.14M	30.44	43.50	-13.06	-20.21	3	Vertical	0	1.00	-
5775MHz	Pass	PK	233.7M	39.04	46.00	-6.96	-18.09	3	Vertical	0	1.00	-
5775MHz	Pass	PK	375.32M	29.56	46.00	-16.44	-13.10	3	Vertical	0	1.00	-
5775MHz	Pass	PK	478.14M	34.23	46.00	-11.77	-10.22	3	Vertical	0	1.00	-
5775MHz	Pass	PK	769.14M	32.60	46.00	-13.40	-5.46	3	Vertical	0	1.00	-
5775MHz	Pass	QP	43.58M	38.44	40.00	-1.56	-19.54	3	Vertical	360	1.21	-

802.11ac VHT80_Nss1,(MCS0)_4TX

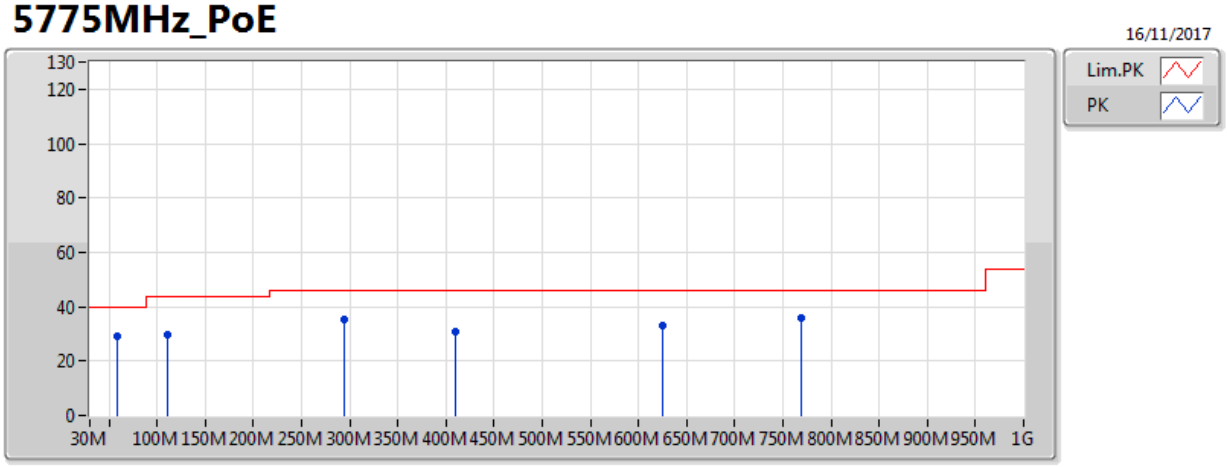
5775MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	187.14M	30.44	43.50	-13.06	-20.21	3	Vertical	0	1.00	-	50.65	13.99	2.24	36.43
PK	233.7M	39.04	46.00	-6.96	-18.09	3	Vertical	0	1.00	-	57.13	15.83	2.48	36.40
PK	375.32M	29.56	46.00	-16.44	-13.10	3	Vertical	0	1.00	-	42.66	20.25	3.22	36.57
PK	478.14M	34.23	46.00	-11.77	-10.22	3	Vertical	0	1.00	-	44.45	22.87	3.76	36.85
PK	769.14M	32.60	46.00	-13.40	-5.46	3	Vertical	0	1.00	-	38.06	27.30	4.67	37.44
QP	43.58M	38.44	40.00	-1.56	-19.54	3	Vertical	360	1.21	-	57.98	16.57	1.10	37.21

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	59.1M	28.98	40.00	-11.02	-24.76	3	Horizontal	360	1.00	-	53.74	11.08	1.25	37.09
PK	111.48M	29.97	43.50	-13.53	-18.81	3	Horizontal	360	1.00	-	48.78	16.24	1.71	36.75
PK	293.84M	35.08	46.00	-10.92	-15.23	3	Horizontal	360	1.00	-	50.31	18.27	2.93	36.43
PK	410.24M	30.63	46.00	-15.37	-11.76	3	Horizontal	360	1.00	-	42.39	21.52	3.36	36.64
PK	625.58M	32.83	46.00	-13.17	-7.58	3	Horizontal	360	1.00	-	40.41	25.38	4.27	37.23
PK	769.14M	35.85	46.00	-10.15	-5.46	3	Horizontal	360	1.00	-	41.31	27.30	4.67	37.44

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.1476G	53.83	54.00	-0.17	6.59	3	Horizontal	353	1.55	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.1482G	53.45	54.00	-0.55	2.73	3	Vertical	34	1.83	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.1484G	53.78	54.00	-0.22	2.73	3	Vertical	34	1.81	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.149G	53.69	54.00	-0.31	2.73	3	Vertical	34	1.79	-
802.11ac VHT160_Nss1,(MCS0)_4TX	Pass	AV	5.1476G	52.92	54.00	-1.08	6.59	3	Horizontal	351	1.80	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.49G	53.89	54.00	-0.11	15.77	3	Vertical	4	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	11.65G	53.87	54.00	-0.13	13.15	3	Vertical	11	1.30	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.6506G	66.17	68.64	-2.47	3.23	3	Horizontal	306	1.91	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.6466G	67.87	68.20	-0.33	3.22	3	Vertical	354	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149995G	53.58	54.00	-0.42	6.59	3	Horizontal	303	1.84	-
5180MHz	Pass	AV	5.181G	105.08	Inf	-Inf	6.65	3	Horizontal	303	1.84	-
5180MHz	Pass	PK	5.1494G	70.90	74.00	-3.10	6.59	3	Horizontal	303	1.84	-
5180MHz	Pass	PK	5.1814G	114.62	Inf	-Inf	6.65	3	Horizontal	303	1.84	-
5180MHz	Pass	AV	5.1482G	53.49	54.00	-0.51	6.59	3	Vertical	44	1.63	-
5180MHz	Pass	AV	5.1768G	105.90	Inf	-Inf	6.64	3	Vertical	44	1.63	-
5180MHz	Pass	PK	5.1486G	70.49	74.00	-3.51	6.59	3	Vertical	44	1.63	-
5180MHz	Pass	PK	5.1768G	115.97	Inf	-Inf	6.64	3	Vertical	44	1.63	-
5180MHz	Pass	AV	10.36G	49.94	54.00	-4.06	15.30	3	Horizontal	313	1.60	-
5180MHz	Pass	AV	15.54G	50.66	54.00	-3.34	15.93	3	Horizontal	309	1.48	-
5180MHz	Pass	PK	10.36G	64.37	74.00	-9.63	15.30	3	Horizontal	313	1.60	-
5180MHz	Pass	PK	15.54G	65.51	74.00	-8.49	15.93	3	Horizontal	309	1.48	-
5180MHz	Pass	AV	10.36G	49.51	54.00	-4.49	15.30	3	Vertical	349	1.61	-
5180MHz	Pass	AV	15.54G	50.38	54.00	-3.62	15.93	3	Vertical	0	1.16	-
5180MHz	Pass	PK	10.36G	63.59	74.00	-10.41	15.30	3	Vertical	349	1.61	-
5180MHz	Pass	PK	15.54G	64.14	74.00	-9.86	15.93	3	Vertical	0	1.16	-
5200MHz	Pass	AV	5.1476G	53.83	54.00	-0.17	6.59	3	Horizontal	353	1.55	-
5200MHz	Pass	AV	5.2032G	107.30	Inf	-Inf	6.70	3	Horizontal	353	1.55	-
5200MHz	Pass	PK	5.1448G	68.13	74.00	-5.87	6.58	3	Horizontal	353	1.55	-
5200MHz	Pass	PK	5.2032G	117.21	Inf	-Inf	6.70	3	Horizontal	353	1.55	-
5200MHz	Pass	AV	5.1428G	53.27	54.00	-0.73	6.58	3	Vertical	45	1.68	-
5200MHz	Pass	AV	5.1972G	110.04	Inf	-Inf	6.68	3	Vertical	45	1.68	-
5200MHz	Pass	PK	5.138G	68.66	74.00	-5.34	6.57	3	Vertical	45	1.68	-
5200MHz	Pass	PK	5.1968G	119.67	Inf	-Inf	6.68	3	Vertical	45	1.68	-
5200MHz	Pass	AV	10.4G	53.70	54.00	-0.30	15.35	3	Horizontal	38	1.37	-
5200MHz	Pass	AV	15.6G	53.51	54.00	-0.49	15.72	3	Horizontal	308	1.56	-
5200MHz	Pass	PK	10.4G	67.83	74.00	-6.17	15.35	3	Horizontal	38	1.37	-
5200MHz	Pass	PK	15.6G	68.04	74.00	-5.96	15.72	3	Horizontal	308	1.56	-
5200MHz	Pass	AV	10.4G	52.60	54.00	-1.40	15.35	3	Vertical	347	2.79	-
5200MHz	Pass	AV	15.6G	52.26	54.00	-1.74	15.72	3	Vertical	325	1.26	-
5200MHz	Pass	PK	10.4G	66.89	74.00	-7.11	15.35	3	Vertical	347	2.79	-
5200MHz	Pass	PK	15.6G	66.67	74.00	-7.33	15.72	3	Vertical	325	1.26	-
5240MHz	Pass	AV	5.1404G	47.01	54.00	-6.99	6.57	3	Horizontal	302	1.81	-
5240MHz	Pass	AV	5.2412G	109.22	Inf	-Inf	6.77	3	Horizontal	302	1.81	-
5240MHz	Pass	AV	5.3558G	47.21	54.00	-6.79	7.00	3	Horizontal	302	1.81	-
5240MHz	Pass	PK	5.1416G	59.37	74.00	-14.63	6.57	3	Horizontal	302	1.81	-
5240MHz	Pass	PK	5.2412G	118.78	Inf	-Inf	6.77	3	Horizontal	302	1.81	-
5240MHz	Pass	PK	5.387G	60.01	74.00	-13.99	7.06	3	Horizontal	302	1.81	-
5240MHz	Pass	AV	5.147G	47.95	54.00	-6.05	6.58	3	Vertical	42	1.64	-
5240MHz	Pass	AV	5.237G	110.55	Inf	-Inf	6.76	3	Vertical	42	1.64	-
5240MHz	Pass	AV	5.3582G	48.02	54.00	-5.98	7.01	3	Vertical	42	1.64	-
5240MHz	Pass	PK	5.1452G	60.12	74.00	-13.88	6.58	3	Vertical	42	1.64	-
5240MHz	Pass	PK	5.2376G	119.50	Inf	-Inf	6.77	3	Vertical	42	1.64	-
5240MHz	Pass	PK	5.3504G	59.48	74.00	-14.52	6.99	3	Vertical	42	1.64	-
5240MHz	Pass	AV	10.48G	53.45	54.00	-0.55	15.46	3	Horizontal	36	1.33	-
5240MHz	Pass	AV	15.72G	53.06	54.00	-0.94	15.31	3	Horizontal	41	1.76	-
5240MHz	Pass	PK	10.48G	67.66	74.00	-6.34	15.46	3	Horizontal	36	1.33	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	15.72G	66.78	74.00	-7.22	15.31	3	Horizontal	41	1.76	-
5240MHz	Pass	AV	10.48G	52.57	54.00	-1.43	15.46	3	Vertical	347	2.85	-
5240MHz	Pass	AV	15.72G	52.32	54.00	-1.68	15.31	3	Vertical	324	1.37	-
5240MHz	Pass	PK	10.48G	66.14	74.00	-7.86	15.46	3	Vertical	347	2.85	-
5240MHz	Pass	PK	15.72G	66.02	74.00	-7.98	15.31	3	Vertical	324	1.37	-
5745MHz	Pass	AV	5.7402G	109.14	Inf	-Inf	7.81	3	Horizontal	297	1.83	-
5745MHz	Pass	PK	5.6274G	60.04	68.20	-8.16	7.56	3	Horizontal	297	1.83	-
5745MHz	Pass	PK	5.7402G	118.13	Inf	-Inf	7.81	3	Horizontal	297	1.83	-
5745MHz	Pass	PK	5.9766G	60.40	68.20	-7.80	8.34	3	Horizontal	297	1.83	-
5745MHz	Pass	AV	5.7462G	108.75	Inf	-Inf	7.83	3	Vertical	9	1.38	-
5745MHz	Pass	PK	5.5734G	59.84	68.20	-8.36	7.44	3	Vertical	9	1.38	-
5745MHz	Pass	PK	5.7474G	117.83	Inf	-Inf	7.83	3	Vertical	9	1.38	-
5745MHz	Pass	PK	5.9526G	60.37	68.20	-7.83	8.29	3	Vertical	9	1.38	-
5745MHz	Pass	AV	11.49G	53.73	54.00	-0.27	15.77	3	Horizontal	309	1.94	-
5745MHz	Pass	PK	11.49G	68.22	74.00	-5.78	15.77	3	Horizontal	309	1.94	-
5745MHz	Pass	AV	11.49G	53.89	54.00	-0.11	15.77	3	Vertical	4	1.50	-
5745MHz	Pass	PK	11.49G	68.83	74.00	-5.17	15.77	3	Vertical	4	1.50	-
5785MHz	Pass	AV	5.7802G	109.53	Inf	-Inf	7.90	3	Horizontal	301	1.84	-
5785MHz	Pass	PK	5.5618G	59.67	68.20	-8.53	7.42	3	Horizontal	301	1.84	-
5785MHz	Pass	PK	5.7814G	118.86	Inf	-Inf	7.91	3	Horizontal	301	1.84	-
5785MHz	Pass	PK	5.9266G	59.64	68.20	-8.56	8.23	3	Horizontal	301	1.84	-
5785MHz	Pass	AV	5.7874G	109.13	Inf	-Inf	7.92	3	Vertical	9	1.43	-
5785MHz	Pass	PK	5.647G	59.54	68.20	-8.66	7.60	3	Vertical	9	1.43	-
5785MHz	Pass	PK	5.7886G	118.31	Inf	-Inf	7.92	3	Vertical	9	1.43	-
5785MHz	Pass	PK	5.9302G	60.81	68.20	-7.39	8.24	3	Vertical	9	1.43	-
5785MHz	Pass	AV	11.57G	51.61	54.00	-2.39	15.71	3	Horizontal	346	1.31	-
5785MHz	Pass	PK	11.57G	66.45	74.00	-7.55	15.71	3	Horizontal	346	1.31	-
5785MHz	Pass	AV	11.57G	53.28	54.00	-0.72	15.71	3	Vertical	360	1.68	-
5785MHz	Pass	PK	11.57G	68.94	74.00	-5.06	15.71	3	Vertical	360	1.68	-
5825MHz	Pass	AV	5.8214G	109.11	Inf	-Inf	8.00	3	Horizontal	305	1.75	-
5825MHz	Pass	PK	5.531G	60.09	68.20	-8.11	7.35	3	Horizontal	305	1.75	-
5825MHz	Pass	PK	5.8226G	118.86	Inf	-Inf	8.00	3	Horizontal	305	1.75	-
5825MHz	Pass	PK	5.9678G	60.71	68.20	-7.49	8.32	3	Horizontal	305	1.75	-
5825MHz	Pass	AV	5.8286G	108.49	Inf	-Inf	8.01	3	Vertical	10	1.35	-
5825MHz	Pass	PK	5.5814G	60.20	68.20	-8.00	7.46	3	Vertical	10	1.35	-
5825MHz	Pass	PK	5.8286G	117.73	Inf	-Inf	8.01	3	Vertical	10	1.35	-
5825MHz	Pass	PK	5.9558G	60.52	68.20	-7.68	8.29	3	Vertical	10	1.35	-
5825MHz	Pass	AV	11.65G	51.71	54.00	-2.29	15.65	3	Horizontal	343	1.41	-
5825MHz	Pass	PK	11.65G	65.93	74.00	-8.07	15.65	3	Horizontal	343	1.41	-
5825MHz	Pass	AV	11.65G	53.34	54.00	-0.66	15.65	3	Vertical	360	1.80	-
5825MHz	Pass	PK	11.65G	68.72	74.00	-5.28	15.65	3	Vertical	360	1.80	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	52.13	54.00	-1.87	2.73	3	Horizontal	22	1.54	-
5180MHz	Pass	AV	5.1788G	101.73	Inf	-Inf	2.75	3	Horizontal	22	1.54	-
5180MHz	Pass	PK	5.144G	68.64	74.00	-5.36	2.73	3	Horizontal	22	1.54	-
5180MHz	Pass	PK	5.1788G	112.25	Inf	-Inf	2.75	3	Horizontal	22	1.54	-
5180MHz	Pass	AV	5.1482G	53.45	54.00	-0.55	2.73	3	Vertical	34	1.83	-
5180MHz	Pass	AV	5.1788G	104.73	Inf	-Inf	2.75	3	Vertical	34	1.83	-
5180MHz	Pass	PK	5.1434G	69.86	74.00	-4.14	2.73	3	Vertical	34	1.83	-

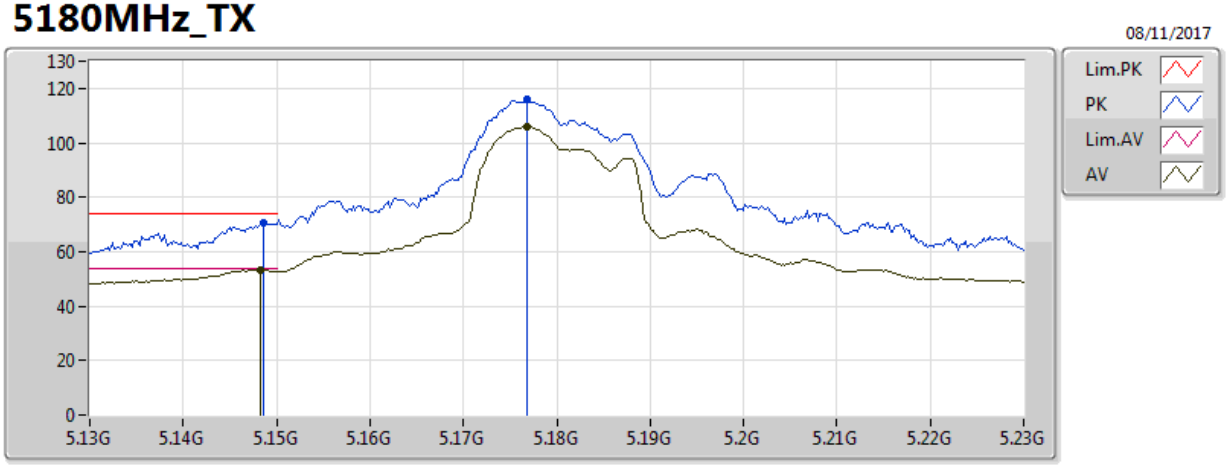
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.1788G	115.23	Inf	-Inf	2.75	3	Vertical	34	1.83	-
5180MHz	Pass	AV	15.54732G	46.39	54.00	-7.61	14.07	3	Horizontal	326	2.38	-
5180MHz	Pass	PK	15.54732G	58.91	74.00	-15.09	14.07	3	Horizontal	326	2.38	-
5180MHz	Pass	AV	15.52686G	46.41	54.00	-7.59	14.16	3	Vertical	54	1.50	-
5180MHz	Pass	PK	15.552G	59.61	74.00	-14.39	14.04	3	Vertical	54	1.50	-
5200MHz	Pass	AV	5.1484G	52.27	54.00	-1.73	2.73	3	Horizontal	23	1.48	-
5200MHz	Pass	AV	5.1988G	104.28	Inf	-Inf	2.76	3	Horizontal	23	1.48	-
5200MHz	Pass	PK	5.1492G	67.21	74.00	-6.79	2.73	3	Horizontal	23	1.48	-
5200MHz	Pass	PK	5.1988G	114.57	Inf	-Inf	2.76	3	Horizontal	23	1.48	-
5200MHz	Pass	AV	5.1476G	53.41	54.00	-0.59	2.73	3	Vertical	31	1.72	-
5200MHz	Pass	AV	5.1988G	107.51	Inf	-Inf	2.76	3	Vertical	31	1.72	-
5200MHz	Pass	PK	5.148G	67.65	74.00	-6.35	2.73	3	Vertical	31	1.72	-
5200MHz	Pass	PK	5.1988G	117.33	Inf	-Inf	2.76	3	Vertical	31	1.72	-
5200MHz	Pass	AV	15.60138G	48.99	54.00	-5.01	13.81	3	Horizontal	53	1.44	-
5200MHz	Pass	PK	15.6012G	61.82	74.00	-12.18	13.81	3	Horizontal	53	1.44	-
5200MHz	Pass	AV	15.60174G	48.43	54.00	-5.57	13.81	3	Vertical	331	1.50	-
5200MHz	Pass	PK	15.59724G	61.28	74.00	-12.72	13.83	3	Vertical	331	1.50	-
5240MHz	Pass	AV	5.1494G	45.65	54.00	-8.35	2.73	3	Horizontal	30	1.02	-
5240MHz	Pass	AV	5.2394G	105.69	Inf	-Inf	2.78	3	Horizontal	30	1.02	-
5240MHz	Pass	AV	5.3552G	43.75	54.00	-10.25	2.85	3	Horizontal	30	1.02	-
5240MHz	Pass	PK	5.1482G	59.23	74.00	-14.77	2.73	3	Horizontal	30	1.02	-
5240MHz	Pass	PK	5.2394G	116.36	Inf	-Inf	2.78	3	Horizontal	30	1.02	-
5240MHz	Pass	PK	5.354G	56.17	74.00	-17.83	2.85	3	Horizontal	30	1.02	-
5240MHz	Pass	AV	5.1488G	47.22	54.00	-6.78	2.73	3	Vertical	34	1.69	-
5240MHz	Pass	AV	5.2388G	109.23	Inf	-Inf	2.78	3	Vertical	34	1.69	-
5240MHz	Pass	AV	5.3546G	45.18	54.00	-8.82	2.85	3	Vertical	34	1.69	-
5240MHz	Pass	PK	5.1488G	60.75	74.00	-13.25	2.73	3	Vertical	34	1.69	-
5240MHz	Pass	PK	5.2388G	119.54	Inf	-Inf	2.78	3	Vertical	34	1.69	-
5240MHz	Pass	PK	5.3594G	57.17	74.00	-16.83	2.86	3	Vertical	34	1.69	-
5240MHz	Pass	AV	15.72276G	48.04	54.00	-5.96	13.23	3	Horizontal	49	1.52	-
5240MHz	Pass	PK	15.71082G	60.65	74.00	-13.35	13.29	3	Horizontal	49	1.52	-
5240MHz	Pass	AV	15.71718G	47.84	54.00	-6.16	13.26	3	Vertical	327	1.29	-
5240MHz	Pass	PK	15.7176G	60.23	74.00	-13.77	13.26	3	Vertical	327	1.29	-
5745MHz	Pass	AV	5.7474G	106.56	Inf	-Inf	3.43	3	Horizontal	307	1.75	-
5745MHz	Pass	PK	5.6226G	57.59	68.20	-10.61	3.18	3	Horizontal	307	1.75	-
5745MHz	Pass	PK	5.7474G	116.85	Inf	-Inf	3.43	3	Horizontal	307	1.75	-
5745MHz	Pass	PK	5.9418G	56.56	68.20	-11.64	3.83	3	Horizontal	307	1.75	-
5745MHz	Pass	AV	5.7462G	107.47	Inf	-Inf	3.43	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.6178G	56.80	68.20	-11.40	3.17	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.7414G	116.71	Inf	-Inf	3.42	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.9574G	55.73	68.20	-12.47	3.86	3	Vertical	355	1.50	-
5745MHz	Pass	AV	11.48868G	52.83	54.00	-1.17	13.37	3	Horizontal	340	1.50	-
5745MHz	Pass	PK	11.49306G	66.46	74.00	-7.54	13.36	3	Horizontal	340	1.50	-
5745MHz	Pass	AV	11.48952G	53.57	54.00	-0.43	13.36	3	Vertical	7	1.38	-
5745MHz	Pass	PK	11.48958G	67.84	74.00	-6.16	13.36	3	Vertical	7	1.38	-
5785MHz	Pass	AV	5.7826G	106.79	Inf	-Inf	3.51	3	Horizontal	310	1.82	-
5785MHz	Pass	PK	5.593G	56.96	68.20	-11.24	3.12	3	Horizontal	310	1.82	-
5785MHz	Pass	PK	5.7874G	117.44	Inf	-Inf	3.52	3	Horizontal	310	1.82	-
5785MHz	Pass	PK	5.9266G	57.28	68.20	-10.92	3.80	3	Horizontal	310	1.82	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7862G	107.33	Inf	-Inf	3.52	3	Vertical	355	1.50	-
5785MHz	Pass	PK	5.623G	56.40	68.20	-11.80	3.18	3	Vertical	355	1.50	-
5785MHz	Pass	PK	5.7814G	116.66	Inf	-Inf	3.51	3	Vertical	355	1.50	-
5785MHz	Pass	PK	5.9362G	56.55	68.20	-11.65	3.82	3	Vertical	355	1.50	-
5785MHz	Pass	AV	11.57G	50.60	54.00	-3.40	13.25	3	Horizontal	336	1.46	-
5785MHz	Pass	PK	11.57G	65.58	74.00	-8.42	13.25	3	Horizontal	336	1.46	-
5785MHz	Pass	AV	11.57G	52.99	54.00	-1.01	13.25	3	Vertical	9	1.39	-
5785MHz	Pass	PK	11.57G	67.13	74.00	-6.87	13.25	3	Vertical	9	1.39	-
5825MHz	Pass	AV	5.8238G	106.36	Inf	-Inf	3.60	3	Horizontal	288	1.86	-
5825MHz	Pass	PK	5.5874G	56.00	68.20	-12.20	3.10	3	Horizontal	288	1.86	-
5825MHz	Pass	PK	5.8238G	116.37	Inf	-Inf	3.60	3	Horizontal	288	1.86	-
5825MHz	Pass	PK	5.9318G	58.19	68.20	-10.01	3.81	3	Horizontal	288	1.86	-
5825MHz	Pass	AV	5.8262G	107.65	Inf	-Inf	3.60	3	Vertical	360	1.50	-
5825MHz	Pass	PK	5.5706G	55.25	68.20	-12.95	3.07	3	Vertical	360	1.50	-
5825MHz	Pass	PK	5.8274G	116.41	Inf	-Inf	3.60	3	Vertical	360	1.50	-
5825MHz	Pass	PK	5.957G	56.76	68.20	-11.44	3.86	3	Vertical	360	1.50	-
5825MHz	Pass	AV	11.65G	52.22	54.00	-1.78	13.15	3	Horizontal	336	1.34	-
5825MHz	Pass	PK	11.65G	67.47	74.00	-6.53	13.15	3	Horizontal	336	1.34	-
5825MHz	Pass	AV	11.65G	53.87	54.00	-0.13	13.15	3	Vertical	11	1.30	-
5825MHz	Pass	PK	11.65G	68.89	74.00	-5.11	13.15	3	Vertical	11	1.30	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1484G	51.05	54.00	-2.95	2.73	3	Horizontal	24	1.46	-
5190MHz	Pass	AV	5.1888G	99.39	Inf	-Inf	2.75	3	Horizontal	24	1.46	-
5190MHz	Pass	PK	5.1492G	67.94	74.00	-6.06	2.73	3	Horizontal	24	1.46	-
5190MHz	Pass	PK	5.1888G	107.99	Inf	-Inf	2.75	3	Horizontal	24	1.46	-
5190MHz	Pass	AV	5.1484G	53.78	54.00	-0.22	2.73	3	Vertical	34	1.81	-
5190MHz	Pass	AV	5.1888G	102.13	Inf	-Inf	2.75	3	Vertical	34	1.81	-
5190MHz	Pass	PK	5.1488G	69.32	74.00	-4.68	2.73	3	Vertical	34	1.81	-
5190MHz	Pass	PK	5.1884G	109.87	Inf	-Inf	2.75	3	Vertical	34	1.81	-
5190MHz	Pass	AV	15.57504G	46.63	54.00	-7.37	13.93	3	Horizontal	144	1.50	-
5190MHz	Pass	PK	15.55512G	58.71	74.00	-15.29	14.03	3	Horizontal	144	1.50	-
5190MHz	Pass	AV	15.57426G	46.58	54.00	-7.42	13.94	3	Vertical	232	2.16	-
5190MHz	Pass	PK	15.58188G	59.34	74.00	-14.66	13.90	3	Vertical	232	2.16	-
5230MHz	Pass	AV	5.1484G	52.00	54.00	-2.00	2.73	3	Horizontal	23	1.30	-
5230MHz	Pass	AV	5.2292G	101.81	Inf	-Inf	2.78	3	Horizontal	23	1.30	-
5230MHz	Pass	PK	5.1484G	64.99	74.00	-9.01	2.73	3	Horizontal	23	1.30	-
5230MHz	Pass	PK	5.2288G	111.07	Inf	-Inf	2.78	3	Horizontal	23	1.30	-
5230MHz	Pass	AV	5.1484G	53.17	54.00	-0.83	2.73	3	Vertical	37	1.91	-
5230MHz	Pass	AV	5.2292G	105.86	Inf	-Inf	2.78	3	Vertical	37	1.91	-
5230MHz	Pass	PK	5.1484G	65.74	74.00	-8.26	2.73	3	Vertical	37	1.91	-
5230MHz	Pass	PK	5.2288G	113.23	Inf	-Inf	2.78	3	Vertical	37	1.91	-
5230MHz	Pass	AV	15.68706G	47.32	54.00	-6.68	13.40	3	Horizontal	50	1.46	-
5230MHz	Pass	PK	15.68052G	59.89	74.00	-14.11	13.43	3	Horizontal	50	1.46	-
5230MHz	Pass	AV	15.687G	47.00	54.00	-7.00	13.40	3	Vertical	330	1.47	-
5230MHz	Pass	PK	15.70242G	58.86	74.00	-15.14	13.33	3	Vertical	330	1.47	-
5755MHz	Pass	AV	5.7526G	105.37	Inf	-Inf	3.45	3	Horizontal	306	1.91	-
5755MHz	Pass	PK	5.6506G	66.17	68.64	-2.47	3.23	3	Horizontal	306	1.91	-
5755MHz	Pass	PK	5.7622G	115.16	Inf	-Inf	3.47	3	Horizontal	306	1.91	-
5755MHz	Pass	PK	5.9374G	57.33	68.20	-10.87	3.82	3	Horizontal	306	1.91	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	AV	5.7562G	106.38	Inf	-Inf	3.45	3	Vertical	25	1.50	-
5755MHz	Pass	PK	5.6314G	64.66	68.20	-3.54	3.19	3	Vertical	25	1.50	-
5755MHz	Pass	PK	5.7514G	114.86	Inf	-Inf	3.44	3	Vertical	25	1.50	-
5755MHz	Pass	PK	5.9254G	57.52	68.20	-10.68	3.80	3	Vertical	25	1.50	-
5755MHz	Pass	AV	11.51G	47.83	54.00	-6.17	13.34	3	Horizontal	351	1.28	-
5755MHz	Pass	PK	11.51G	63.50	74.00	-10.50	13.34	3	Horizontal	351	1.28	-
5755MHz	Pass	AV	11.51G	49.69	54.00	-4.31	13.34	3	Vertical	7	1.25	-
5755MHz	Pass	PK	11.51G	65.86	74.00	-8.14	13.34	3	Vertical	7	1.25	-
5795MHz	Pass	AV	5.7986G	103.37	Inf	-Inf	3.55	3	Horizontal	3	1.84	-
5795MHz	Pass	PK	5.6138G	57.94	68.20	-10.26	3.16	3	Horizontal	3	1.84	-
5795MHz	Pass	PK	5.7938G	113.31	Inf	-Inf	3.54	3	Horizontal	3	1.84	-
5795MHz	Pass	PK	5.9258G	62.71	68.20	-5.49	3.80	3	Horizontal	3	1.84	-
5795MHz	Pass	AV	5.7914G	105.44	Inf	-Inf	3.53	3	Vertical	357	1.40	-
5795MHz	Pass	PK	5.6486G	58.67	68.20	-9.53	3.23	3	Vertical	357	1.40	-
5795MHz	Pass	PK	5.8022G	114.99	Inf	-Inf	3.55	3	Vertical	357	1.40	-
5795MHz	Pass	PK	5.9246G	61.08	68.50	-7.42	3.80	3	Vertical	357	1.40	-
5795MHz	Pass	AV	11.59G	48.72	54.00	-5.28	13.23	3	Horizontal	344	1.50	-
5795MHz	Pass	PK	11.59G	63.76	74.00	-10.24	13.23	3	Horizontal	344	1.50	-
5795MHz	Pass	AV	11.59G	50.56	54.00	-3.44	13.23	3	Vertical	12	1.36	-
5795MHz	Pass	PK	11.59G	66.20	74.00	-7.80	13.23	3	Vertical	12	1.36	-
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.149G	51.57	54.00	-2.43	2.73	3	Horizontal	20	1.73	-
5210MHz	Pass	AV	5.209G	92.42	Inf	-Inf	2.77	3	Horizontal	20	1.73	-
5210MHz	Pass	AV	5.359G	44.45	54.00	-9.55	2.86	3	Horizontal	20	1.73	-
5210MHz	Pass	PK	5.149995G	63.09	74.00	-10.91	2.73	3	Horizontal	20	1.73	-
5210MHz	Pass	PK	5.214G	101.28	Inf	-Inf	2.77	3	Horizontal	20	1.73	-
5210MHz	Pass	PK	5.351G	56.29	74.00	-17.71	2.85	3	Horizontal	20	1.73	-
5210MHz	Pass	AV	5.149G	53.69	54.00	-0.31	2.73	3	Vertical	34	1.79	-
5210MHz	Pass	AV	5.214G	96.84	Inf	-Inf	2.77	3	Vertical	34	1.79	-
5210MHz	Pass	AV	5.375G	45.37	54.00	-8.63	2.87	3	Vertical	34	1.79	-
5210MHz	Pass	PK	5.089G	65.55	74.00	-8.45	2.69	3	Vertical	34	1.79	-
5210MHz	Pass	PK	5.209G	106.72	Inf	-Inf	2.77	3	Vertical	34	1.79	-
5210MHz	Pass	PK	5.38G	55.91	74.00	-18.09	2.87	3	Vertical	34	1.79	-
5210MHz	Pass	AV	15.61896G	46.29	54.00	-7.71	13.73	3	Horizontal	37	1.39	-
5210MHz	Pass	PK	15.64488G	58.41	74.00	-15.59	13.60	3	Horizontal	37	1.39	-
5210MHz	Pass	AV	15.61638G	46.43	54.00	-7.57	13.74	3	Vertical	286	1.77	-
5210MHz	Pass	PK	15.6264G	58.38	74.00	-15.62	13.69	3	Vertical	286	1.77	-
5775MHz	Pass	AV	5.7822G	100.82	Inf	-Inf	3.51	3	Horizontal	301	1.82	-
5775MHz	Pass	PK	5.6478G	67.79	68.20	-0.41	3.23	3	Horizontal	301	1.82	-
5775MHz	Pass	PK	5.7822G	109.29	Inf	-Inf	3.51	3	Horizontal	301	1.82	-
5775MHz	Pass	PK	5.9238G	66.11	69.09	-2.97	3.80	3	Horizontal	301	1.82	-
5775MHz	Pass	AV	5.7762G	100.93	Inf	-Inf	3.50	3	Vertical	354	1.50	-
5775MHz	Pass	PK	5.6466G	67.87	68.20	-0.33	3.22	3	Vertical	354	1.50	-
5775MHz	Pass	PK	5.7762G	108.97	Inf	-Inf	3.50	3	Vertical	354	1.50	-
5775MHz	Pass	PK	5.931G	65.55	68.20	-2.65	3.81	3	Vertical	354	1.50	-
5775MHz	Pass	AV	11.55G	42.06	54.00	-11.94	13.28	3	Horizontal	347	1.35	-
5775MHz	Pass	PK	11.55G	56.48	74.00	-17.52	13.28	3	Horizontal	347	1.35	-
5775MHz	Pass	AV	11.55G	43.19	54.00	-10.81	13.28	3	Vertical	9	1.32	-
5775MHz	Pass	PK	11.55G	58.28	74.00	-15.72	13.28	3	Vertical	9	1.32	-

802.11a_Nss1,(6Mbps)_4TX

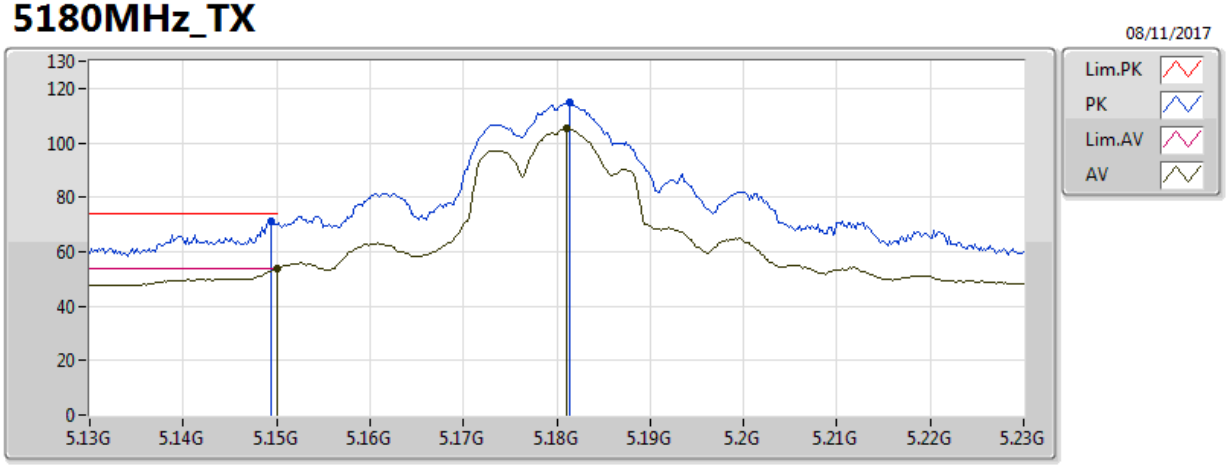
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1482G	53.49	54.00	-0.51	6.59	3	Vertical	44	1.63	-	46.90	31.68	4.72	29.81
AV	5.1768G	105.90	Inf	-Inf	6.64	3	Vertical	44	1.63	-	99.26	31.71	4.74	29.81
PK	5.1486G	70.49	74.00	-3.51	6.59	3	Vertical	44	1.63	-	63.90	31.68	4.72	29.81
PK	5.1768G	115.97	Inf	-Inf	6.64	3	Vertical	44	1.63	-	109.33	31.71	4.74	29.81

802.11a_Nss1,(6Mbps)_4TX

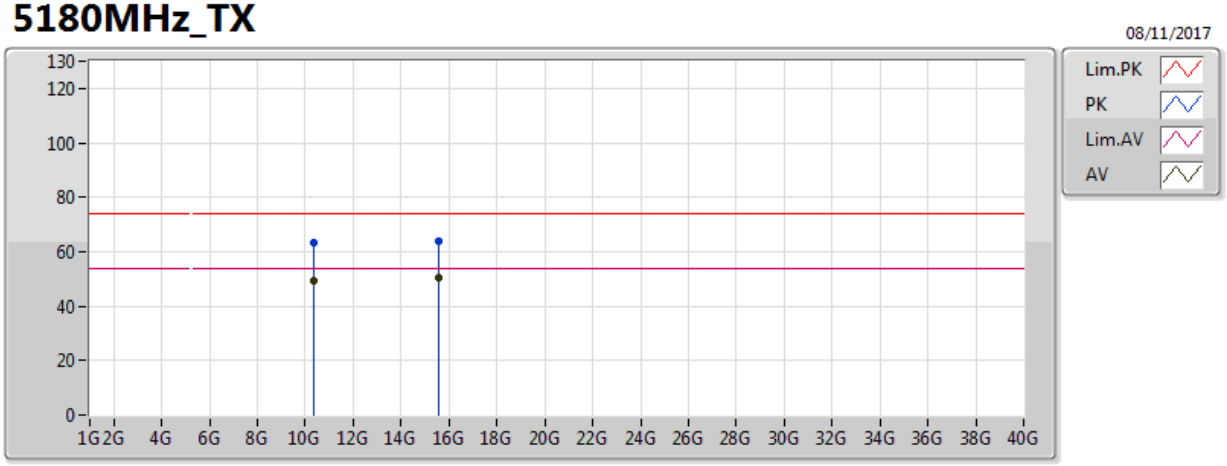
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149995G	53.58	54.00	-0.42	6.59	3	Horizontal	303	1.84	-	46.99	31.68	4.72	29.81
AV	5.181G	105.08	Inf	-Inf	6.65	3	Horizontal	303	1.84	-	98.43	31.72	4.74	29.81
PK	5.1494G	70.90	74.00	-3.10	6.59	3	Horizontal	303	1.84	-	64.31	31.68	4.72	29.81
PK	5.1814G	114.62	Inf	-Inf	6.65	3	Horizontal	303	1.84	-	107.97	31.72	4.75	29.81

802.11a_Nss1,(6Mbps)_4TX

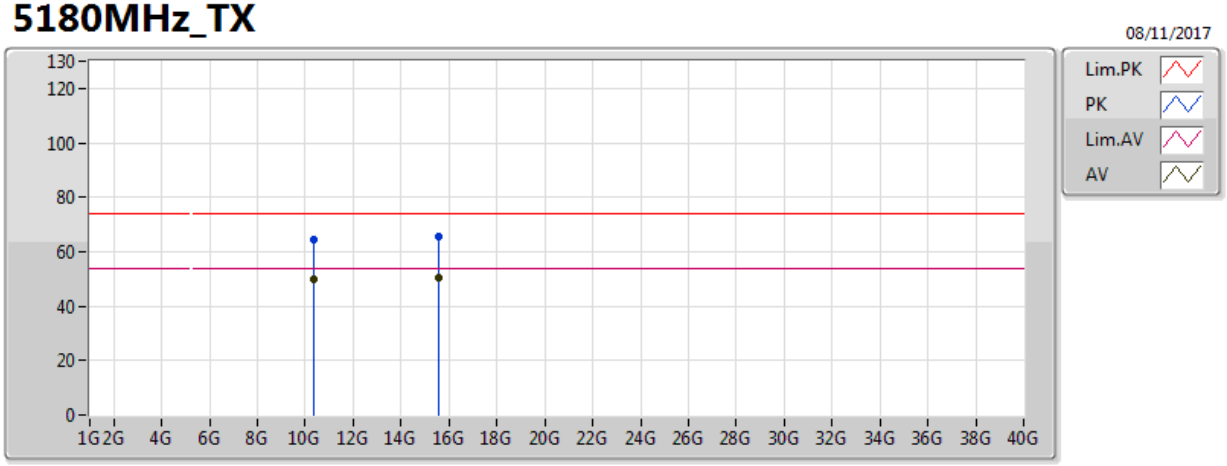
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.36G	49.51	54.00	-4.49	15.30	3	Vertical	349	1.61	-	34.21	39.17	7.16	31.03
AV	15.54G	50.38	54.00	-3.62	15.93	3	Vertical	0	1.16	-	34.45	38.89	8.93	31.89
PK	10.36G	63.59	74.00	-10.41	15.30	3	Vertical	349	1.61	-	48.29	39.17	7.16	31.03
PK	15.54G	64.14	74.00	-9.86	15.93	3	Vertical	0	1.16	-	48.21	38.89	8.93	31.89

802.11a_Nss1,(6Mbps)_4TX

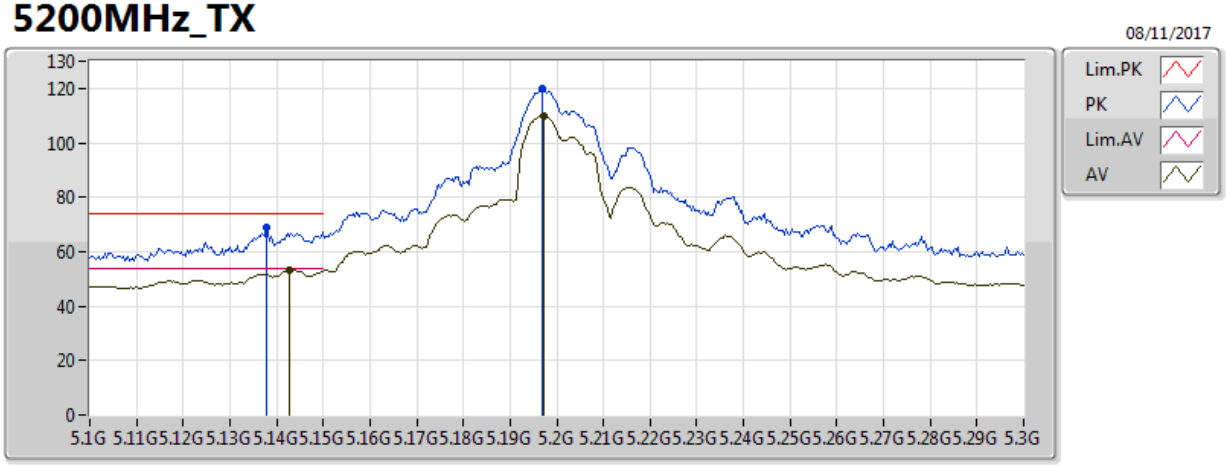
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.36G	49.94	54.00	-4.06	15.30	3	Horizontal	313	1.60	-	34.64	39.17	7.16	31.03
AV	15.54G	50.66	54.00	-3.34	15.93	3	Horizontal	309	1.48	-	34.73	38.89	8.93	31.89
PK	10.36G	64.37	74.00	-9.63	15.30	3	Horizontal	313	1.60	-	49.07	39.17	7.16	31.03
PK	15.54G	65.51	74.00	-8.49	15.93	3	Horizontal	309	1.48	-	49.58	38.89	8.93	31.89

802.11a_Nss1,(6Mbps)_4TX

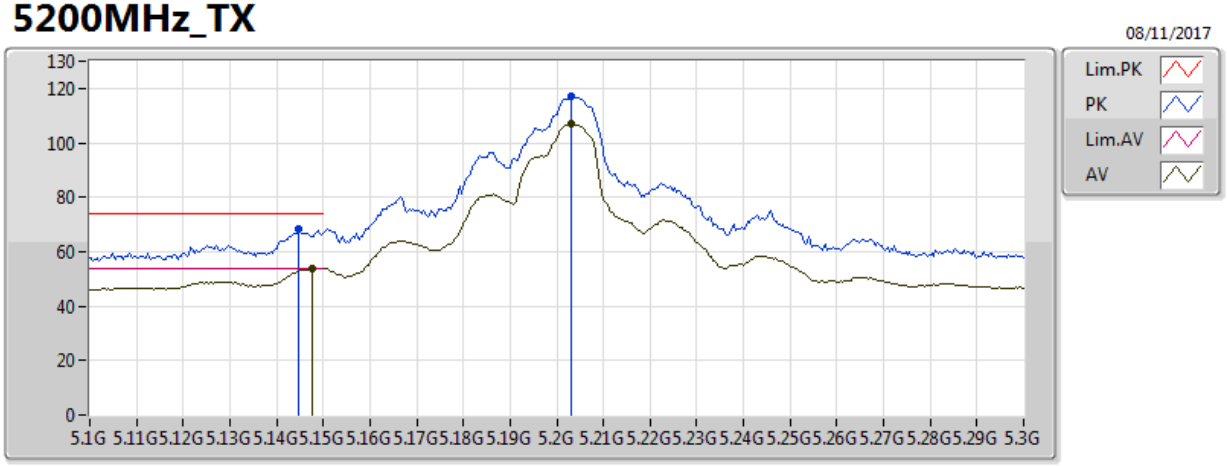
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1428G	53.27	54.00	-0.73	6.58	3	Vertical	45	1.68	-	46.70	31.67	4.71	29.81
AV	5.1972G	110.04	Inf	-Inf	6.68	3	Vertical	45	1.68	-	103.36	31.74	4.76	29.81
PK	5.138G	68.66	74.00	-5.34	6.57	3	Vertical	45	1.68	-	62.10	31.67	4.71	29.81
PK	5.1968G	119.67	Inf	-Inf	6.68	3	Vertical	45	1.68	-	112.99	31.74	4.76	29.81

802.11a_Nss1,(6Mbps)_4TX

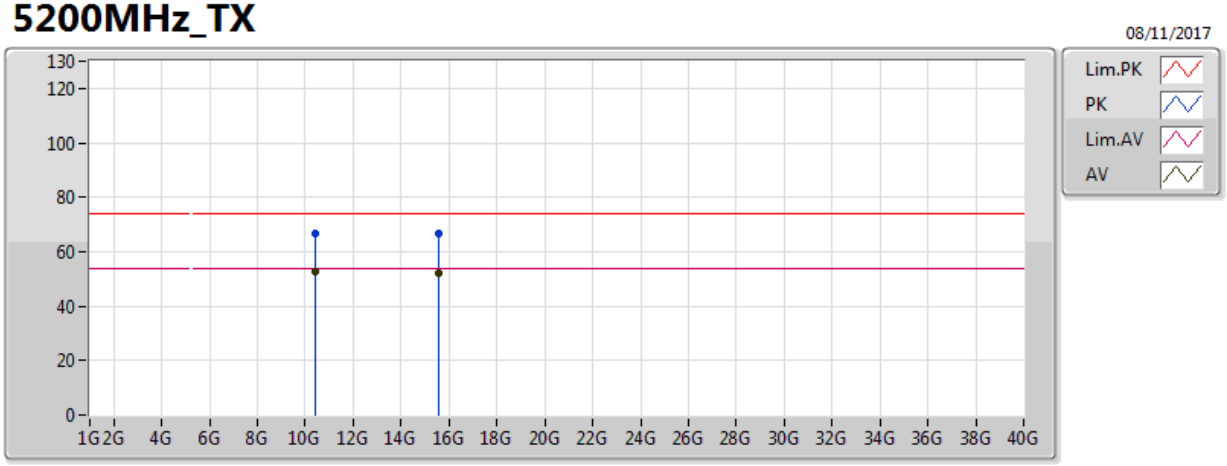
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	53.83	54.00	-0.17	6.59	3	Horizontal	353	1.55	-	47.24	31.68	4.72	29.81
AV	5.2032G	107.30	Inf	-Inf	6.70	3	Horizontal	353	1.55	-	100.60	31.74	4.76	29.81
PK	5.1448G	68.13	74.00	-5.87	6.58	3	Horizontal	353	1.55	-	61.55	31.67	4.72	29.81
PK	5.2032G	117.21	Inf	-Inf	6.70	3	Horizontal	353	1.55	-	110.51	31.74	4.76	29.81

802.11a_Nss1,(6Mbps)_4TX

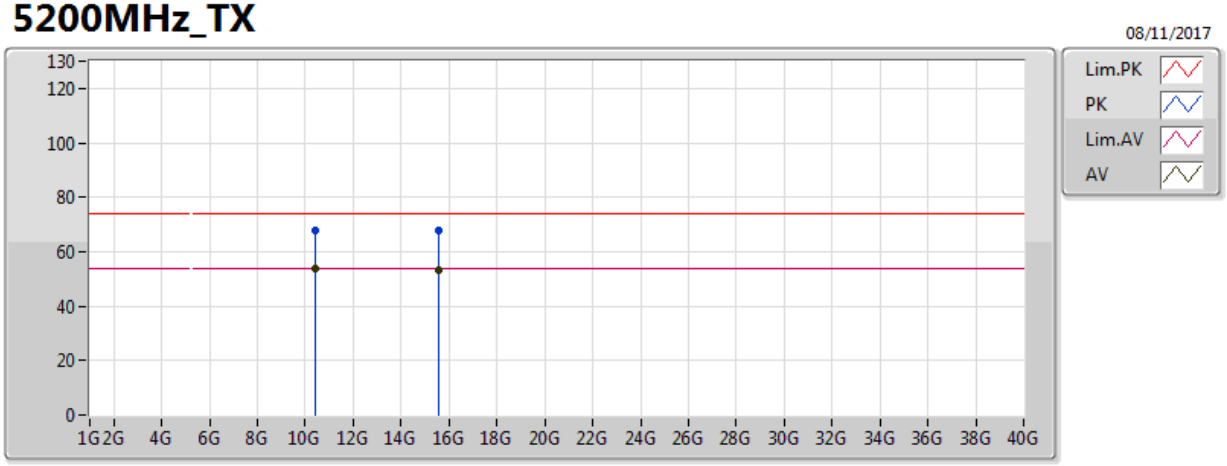
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.4G	52.60	54.00	-1.40	15.35	3	Vertical	347	2.79	-	37.25	39.22	7.17	31.04
AV	15.6G	52.26	54.00	-1.74	15.72	3	Vertical	325	1.26	-	36.54	38.66	8.97	31.91
PK	10.4G	66.89	74.00	-7.11	15.35	3	Vertical	347	2.79	-	51.54	39.22	7.17	31.04
PK	15.6G	66.67	74.00	-7.33	15.72	3	Vertical	325	1.26	-	50.95	38.66	8.97	31.91

802.11a_Nss1,(6Mbps)_4TX

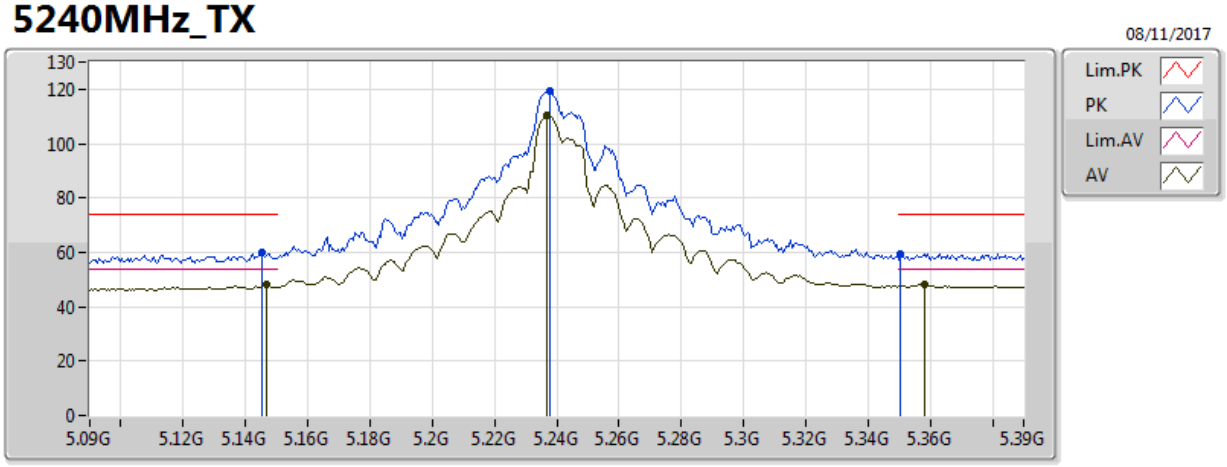
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.4G	53.70	54.00	-0.30	15.35	3	Horizontal	38	1.37	-	38.35	39.22	7.17	31.04
AV	15.6G	53.51	54.00	-0.49	15.72	3	Horizontal	308	1.56	-	37.79	38.66	8.97	31.91
PK	10.4G	67.83	74.00	-6.17	15.35	3	Horizontal	38	1.37	-	52.48	39.22	7.17	31.04
PK	15.6G	68.04	74.00	-5.96	15.72	3	Horizontal	308	1.56	-	52.32	38.66	8.97	31.91

802.11a_Nss1,(6Mbps)_4TX

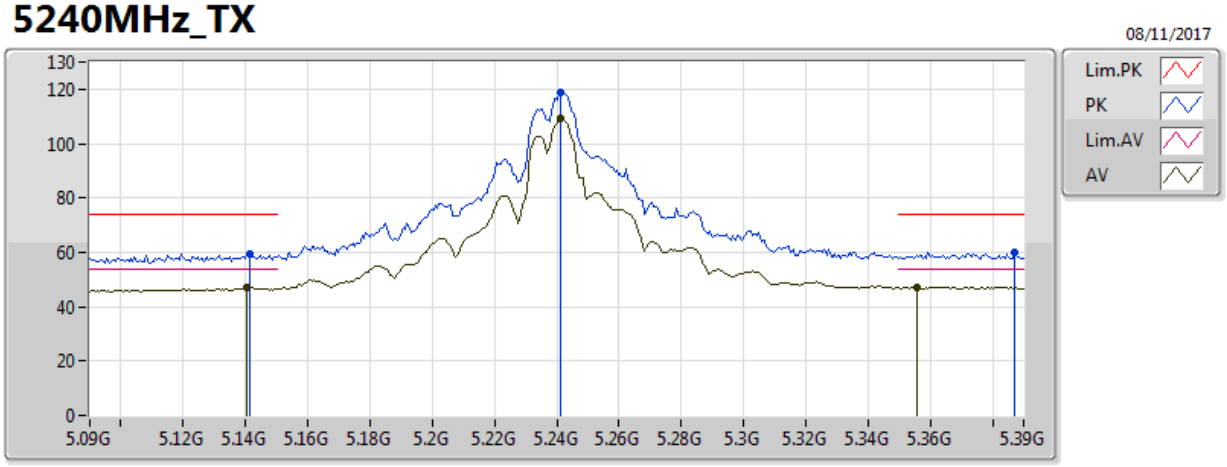
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	47.95	54.00	-6.05	6.58	3	Vertical	42	1.64	-	41.37	31.68	4.72	29.81
AV	5.237G	110.55	Inf	-Inf	6.76	3	Vertical	42	1.64	-	103.78	31.78	4.79	29.81
AV	5.3582G	48.02	54.00	-5.98	7.01	3	Vertical	42	1.64	-	41.01	31.93	4.88	29.80
PK	5.1452G	60.12	74.00	-13.88	6.58	3	Vertical	42	1.64	-	53.54	31.67	4.72	29.81
PK	5.2376G	119.50	Inf	-Inf	6.77	3	Vertical	42	1.64	-	112.73	31.79	4.79	29.81
PK	5.3504G	59.48	74.00	-14.52	6.99	3	Vertical	42	1.64	-	52.49	31.92	4.87	29.80

802.11a_Nss1,(6Mbps)_4TX

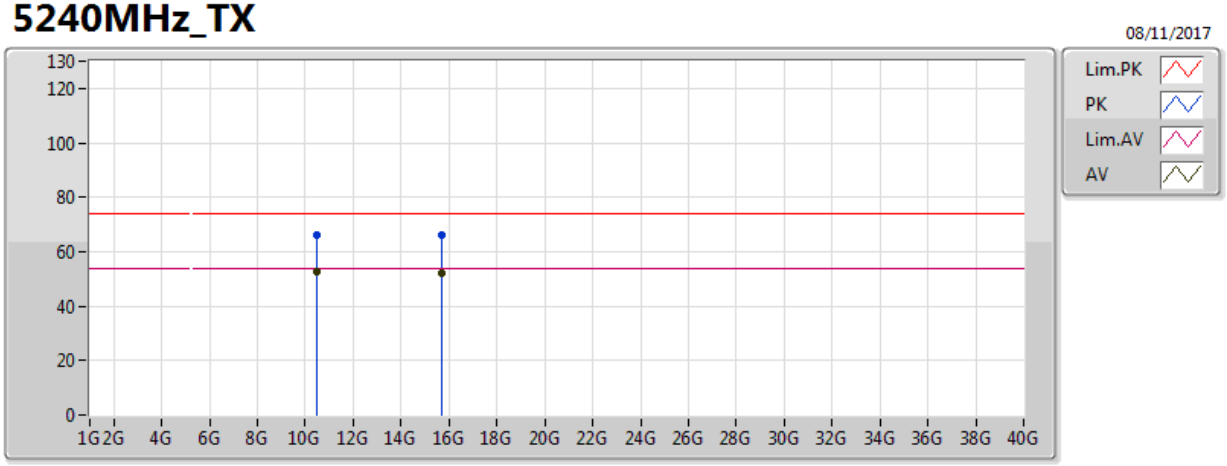
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1404G	47.01	54.00	-6.99	6.57	3	Horizontal	302	1.81	-	40.44	31.67	4.71	29.81
AV	5.2412G	109.22	Inf	-Inf	6.77	3	Horizontal	302	1.81	-	102.45	31.79	4.79	29.81
AV	5.3558G	47.21	54.00	-6.79	7.00	3	Horizontal	302	1.81	-	40.20	31.93	4.87	29.80
PK	5.1416G	59.37	74.00	-14.63	6.57	3	Horizontal	302	1.81	-	52.80	31.67	4.71	29.81
PK	5.2412G	118.78	Inf	-Inf	6.77	3	Horizontal	302	1.81	-	112.00	31.79	4.79	29.81
PK	5.387G	60.01	74.00	-13.99	7.06	3	Horizontal	302	1.81	-	52.95	31.96	4.90	29.80

802.11a_Nss1,(6Mbps)_4TX

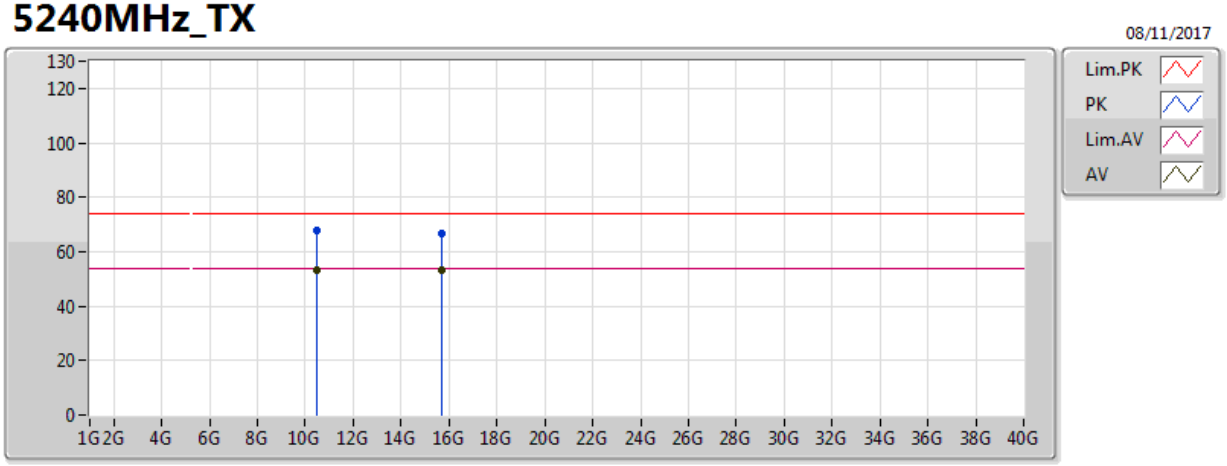
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.48G	52.57	54.00	-1.43	15.46	3	Vertical	347	2.85	-	37.11	39.32	7.19	31.06
AV	15.72G	52.32	54.00	-1.68	15.31	3	Vertical	324	1.37	-	37.01	38.19	9.06	31.94
PK	10.48G	66.14	74.00	-7.86	15.46	3	Vertical	347	2.85	-	50.68	39.32	7.19	31.06
PK	15.72G	66.02	74.00	-7.98	15.31	3	Vertical	324	1.37	-	50.71	38.19	9.06	31.94

802.11a_Nss1,(6Mbps)_4TX

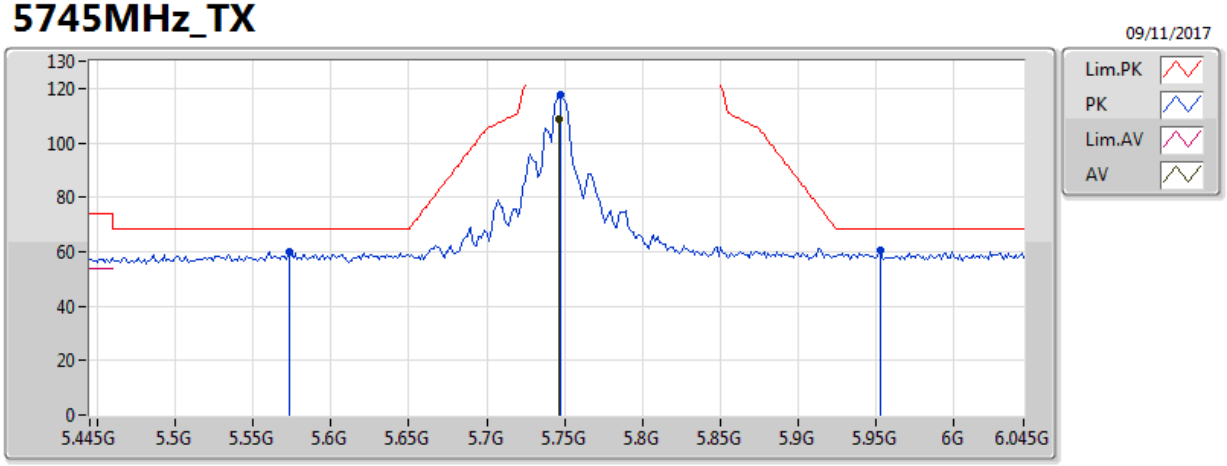
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.48G	53.45	54.00	-0.55	15.46	3	Horizontal	36	1.33	-	37.99	39.32	7.19	31.06
AV	15.72G	53.06	54.00	-0.94	15.31	3	Horizontal	41	1.76	-	37.75	38.19	9.06	31.94
PK	10.48G	67.66	74.00	-6.34	15.46	3	Horizontal	36	1.33	-	52.20	39.32	7.19	31.06
PK	15.72G	66.78	74.00	-7.22	15.31	3	Horizontal	41	1.76	-	51.47	38.19	9.06	31.94

802.11a_Nss1,(6Mbps)_4TX

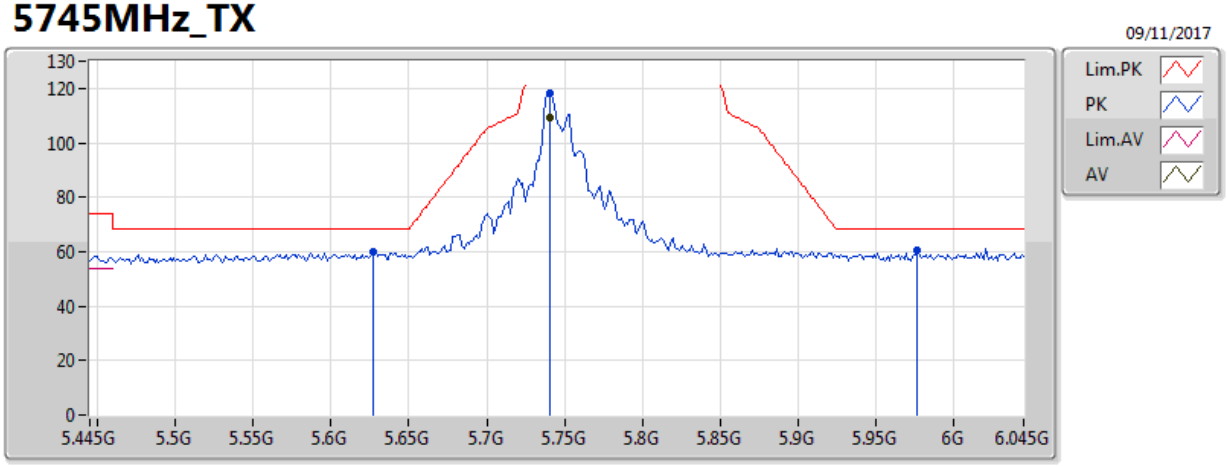
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	108.75	Inf	-Inf	7.83	3	Vertical	9	1.38	-	100.93	32.40	5.30	29.87
PK	5.5734G	59.84	68.20	-8.36	7.44	3	Vertical	9	1.38	-	52.40	32.19	5.08	29.82
PK	5.7474G	117.83	Inf	-Inf	7.83	3	Vertical	9	1.38	-	110.00	32.40	5.30	29.87
PK	5.9526G	60.37	68.20	-7.83	8.29	3	Vertical	9	1.38	-	52.09	32.64	5.57	29.93

802.11a_Nss1,(6Mbps)_4TX

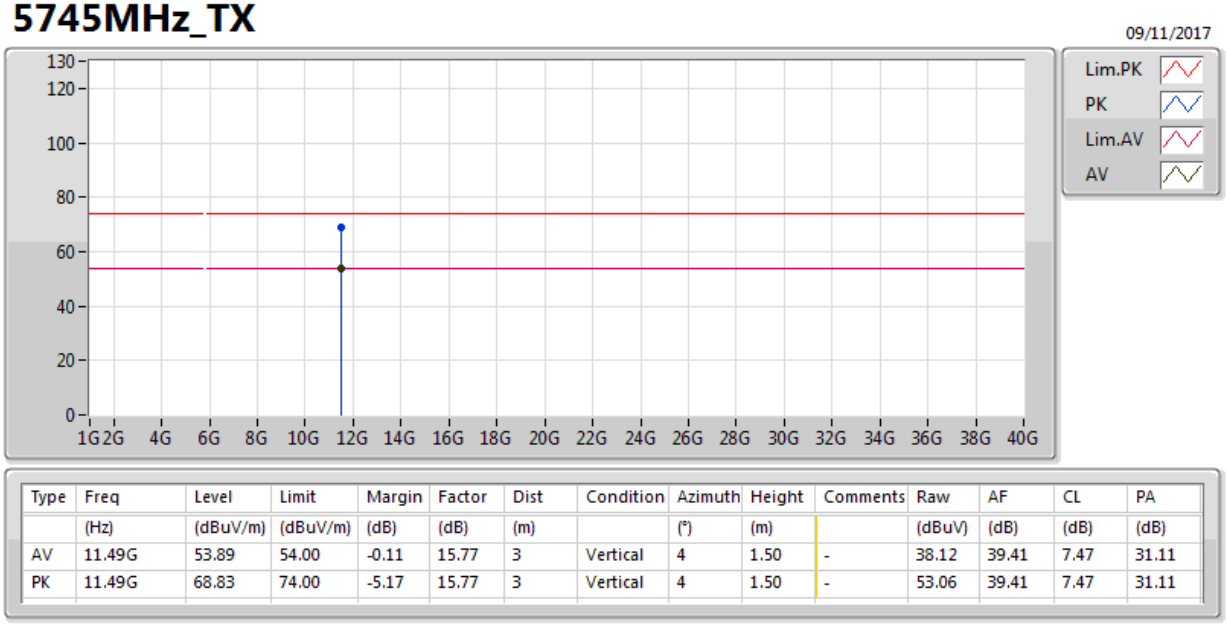
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7402G	109.14	Inf	-Inf	7.81	3	Horizontal	297	1.83	-	101.33	32.39	5.29	29.87
PK	5.6274G	60.04	68.20	-8.16	7.56	3	Horizontal	297	1.83	-	52.48	32.25	5.15	29.84
PK	5.7402G	118.13	Inf	-Inf	7.81	3	Horizontal	297	1.83	-	110.32	32.39	5.29	29.87
PK	5.9766G	60.40	68.20	-7.80	8.34	3	Horizontal	297	1.83	-	52.06	32.67	5.60	29.93

802.11a_Nss1,(6Mbps)_4TX

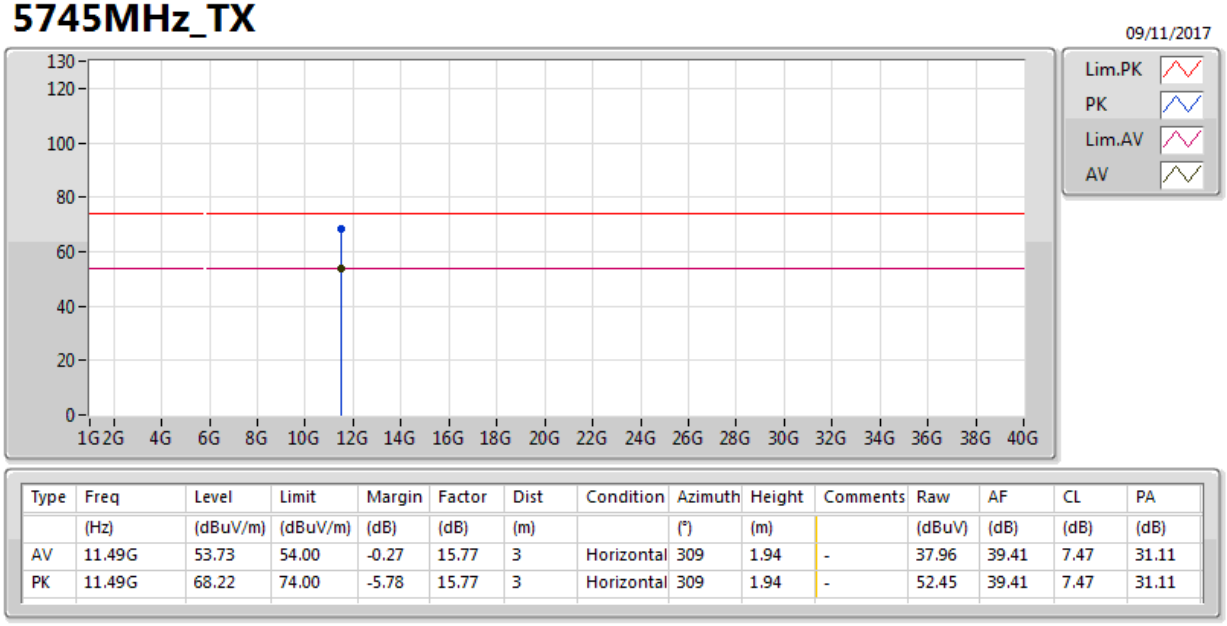
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	53.89	54.00	-0.11	15.77	3	Vertical	4	1.50	-	38.12	39.41	7.47	31.11
PK	11.49G	68.83	74.00	-5.17	15.77	3	Vertical	4	1.50	-	53.06	39.41	7.47	31.11

802.11a_Nss1,(6Mbps)_4TX

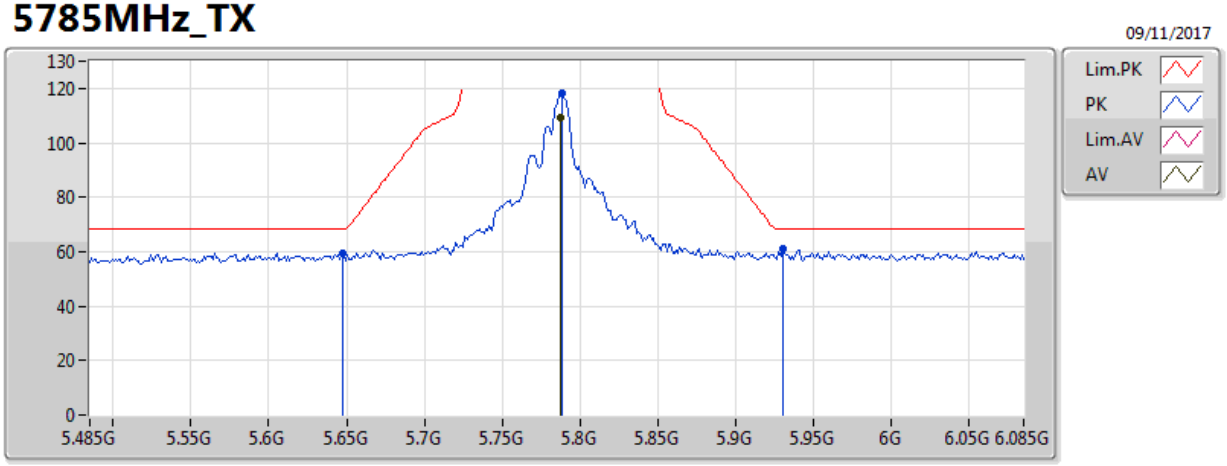
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49G	53.73	54.00	-0.27	15.77	3	Horizontal	309	1.94	-	37.96	39.41	7.47	31.11
PK	11.49G	68.22	74.00	-5.78	15.77	3	Horizontal	309	1.94	-	52.45	39.41	7.47	31.11

802.11a_Nss1,(6Mbps)_4TX

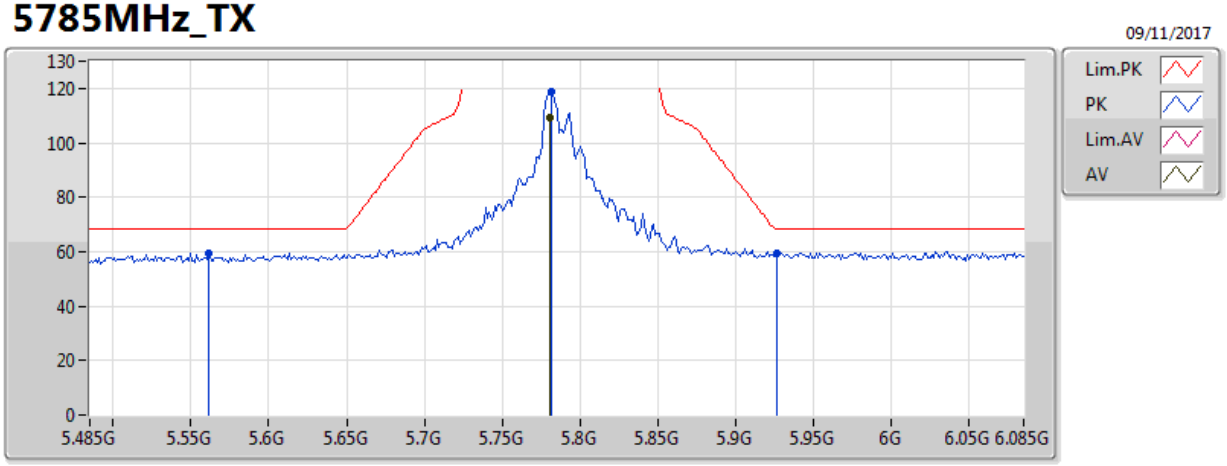
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7874G	109.13	Inf	-Inf	7.92	3	Vertical	9	1.43	-	101.21	32.44	5.35	29.88
PK	5.647G	59.54	68.20	-8.66	7.60	3	Vertical	9	1.43	-	51.94	32.28	5.17	29.84
PK	5.7886G	118.31	Inf	-Inf	7.92	3	Vertical	9	1.43	-	110.38	32.45	5.36	29.88
PK	5.9302G	60.81	68.20	-7.39	8.24	3	Vertical	9	1.43	-	52.57	32.62	5.54	29.92

802.11a_Nss1,(6Mbps)_4TX

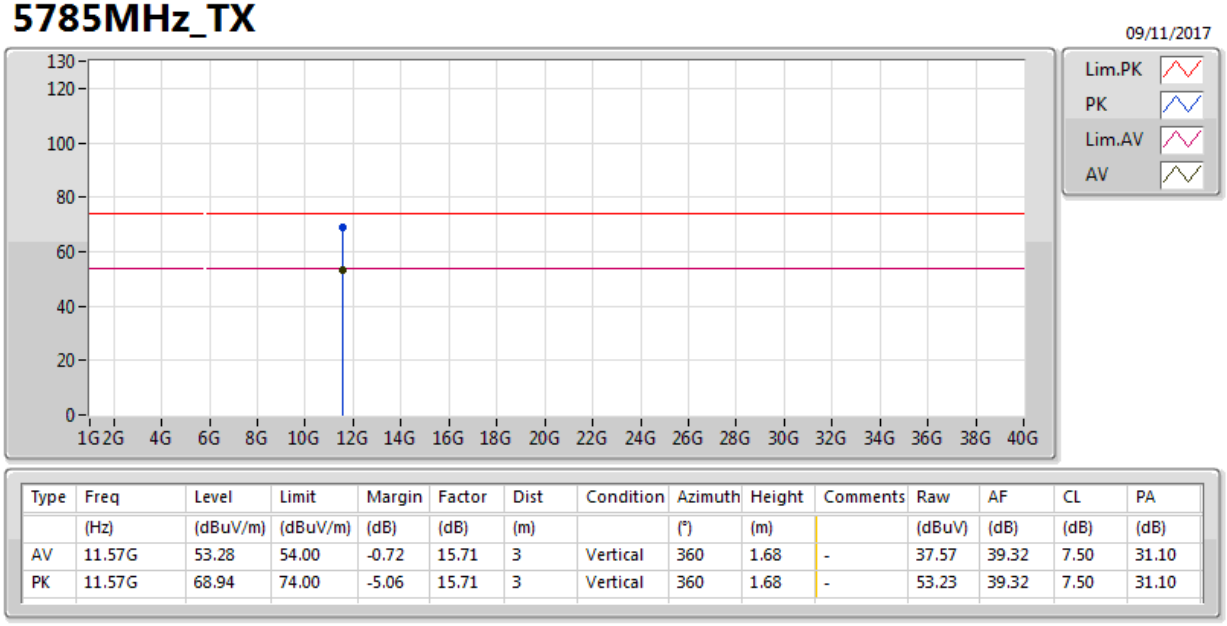
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7802G	109.53	Inf	-Inf	7.90	3	Horizontal	301	1.84	-	101.63	32.44	5.34	29.88
PK	5.5618G	59.67	68.20	-8.53	7.42	3	Horizontal	301	1.84	-	52.25	32.17	5.06	29.82
PK	5.7814G	118.86	Inf	-Inf	7.91	3	Horizontal	301	1.84	-	110.95	32.44	5.35	29.88
PK	5.9266G	59.64	68.20	-8.56	8.23	3	Horizontal	301	1.84	-	51.41	32.61	5.53	29.92

802.11a_Nss1,(6Mbps)_4TX

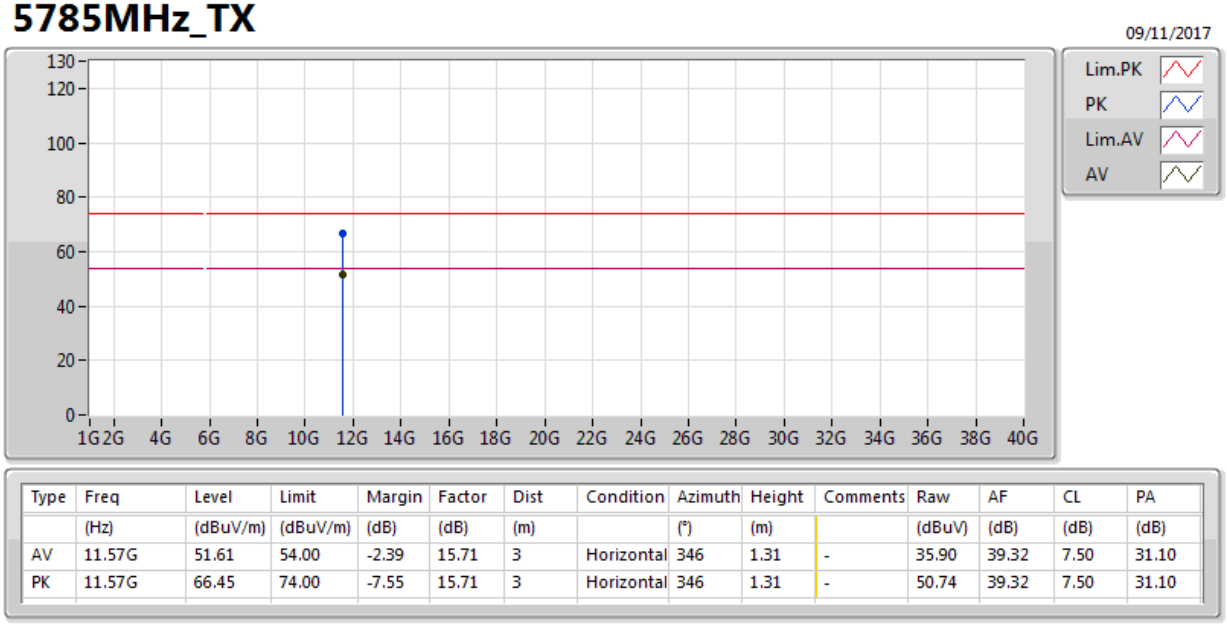
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	53.28	54.00	-0.72	15.71	3	Vertical	360	1.68	-	37.57	39.32	7.50	31.10
PK	11.57G	68.94	74.00	-5.06	15.71	3	Vertical	360	1.68	-	53.23	39.32	7.50	31.10

802.11a_Nss1,(6Mbps)_4TX

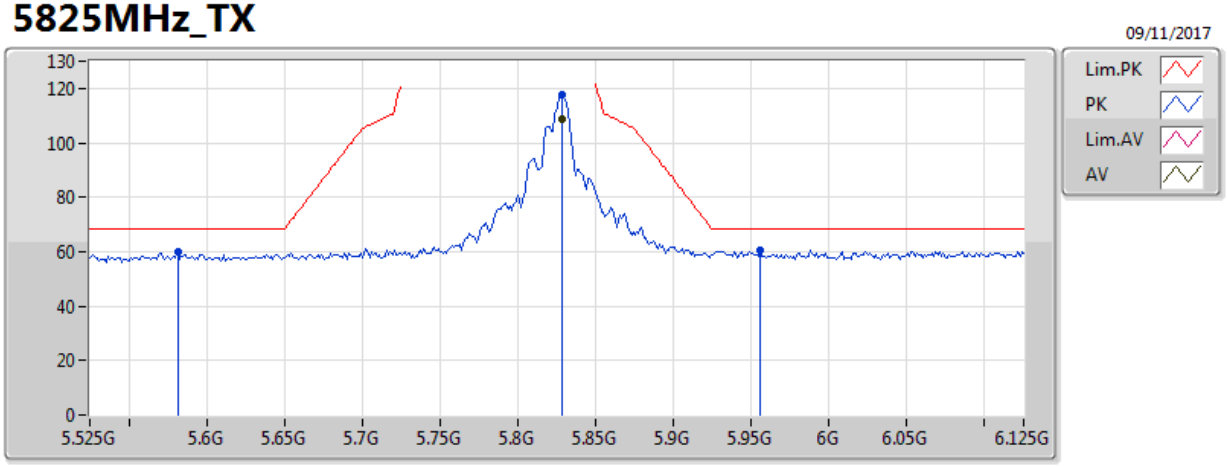
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	51.61	54.00	-2.39	15.71	3	Horizontal	346	1.31	-	35.90	39.32	7.50	31.10
PK	11.57G	66.45	74.00	-7.55	15.71	3	Horizontal	346	1.31	-	50.74	39.32	7.50	31.10

802.11a_Nss1,(6Mbps)_4TX

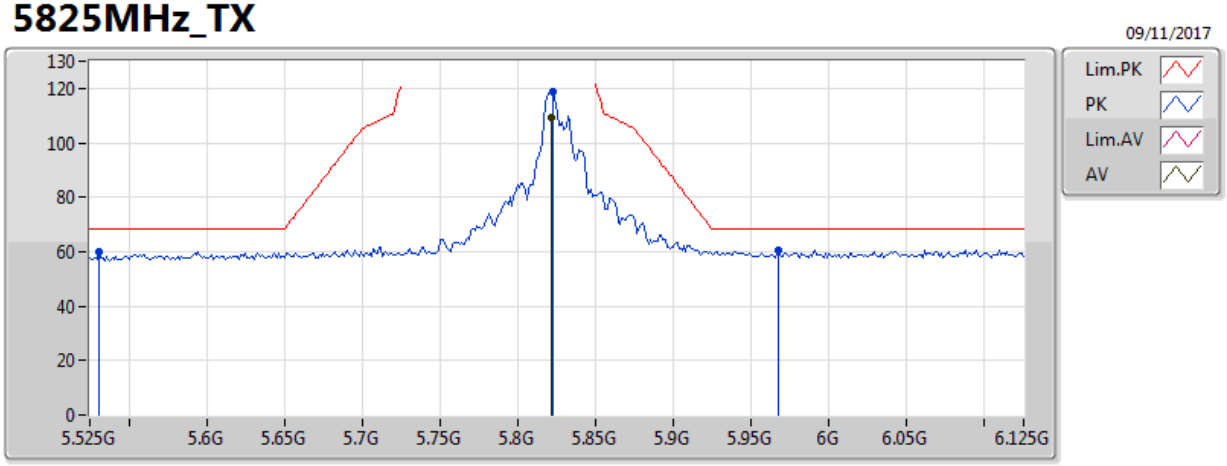
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8286G	108.49	Inf	-Inf	8.01	3	Vertical	10	1.35	-	100.48	32.49	5.41	29.89
PK	5.5814G	60.20	68.20	-8.00	7.46	3	Vertical	10	1.35	-	52.74	32.20	5.09	29.82
PK	5.8286G	117.73	Inf	-Inf	8.01	3	Vertical	10	1.35	-	109.72	32.49	5.41	29.89
PK	5.9558G	60.52	68.20	-7.68	8.29	3	Vertical	10	1.35	-	52.23	32.65	5.57	29.93

802.11a_Nss1,(6Mbps)_4TX

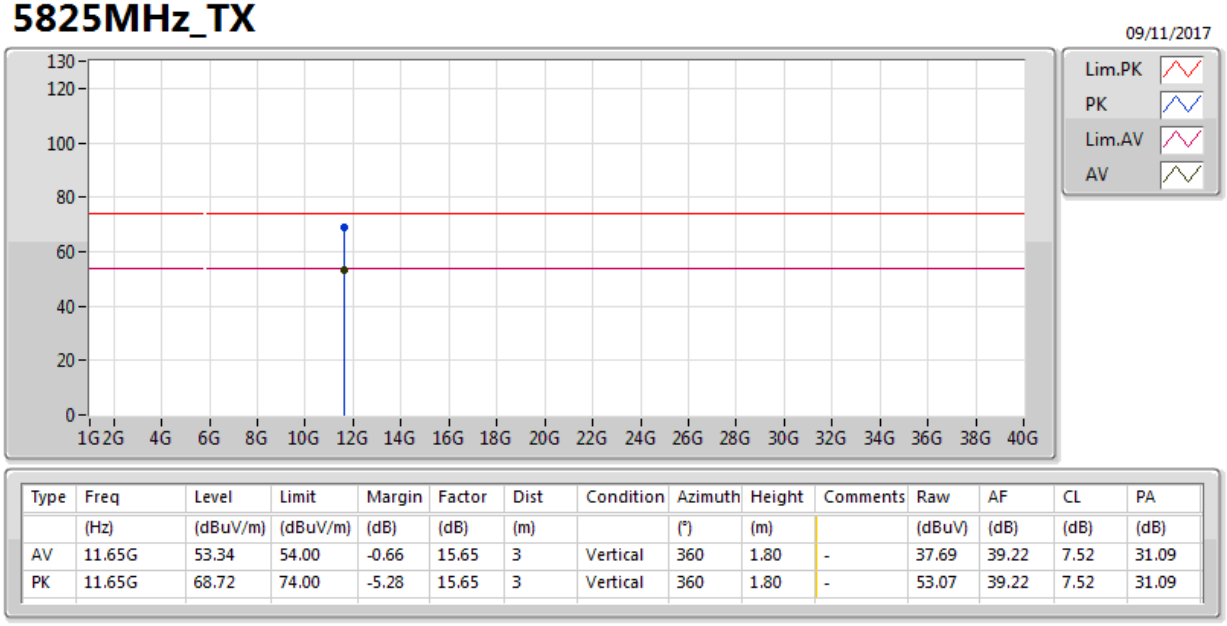
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8214G	109.11	Inf	-Inf	8.00	3	Horizontal	305	1.75	-	101.12	32.49	5.40	29.89
PK	5.531G	60.09	68.20	-8.11	7.35	3	Horizontal	305	1.75	-	52.74	32.14	5.02	29.81
PK	5.8226G	118.86	Inf	-Inf	8.00	3	Horizontal	305	1.75	-	110.86	32.49	5.40	29.89
PK	5.9678G	60.71	68.20	-7.49	8.32	3	Horizontal	305	1.75	-	52.39	32.66	5.59	29.93

802.11a_Nss1,(6Mbps)_4TX

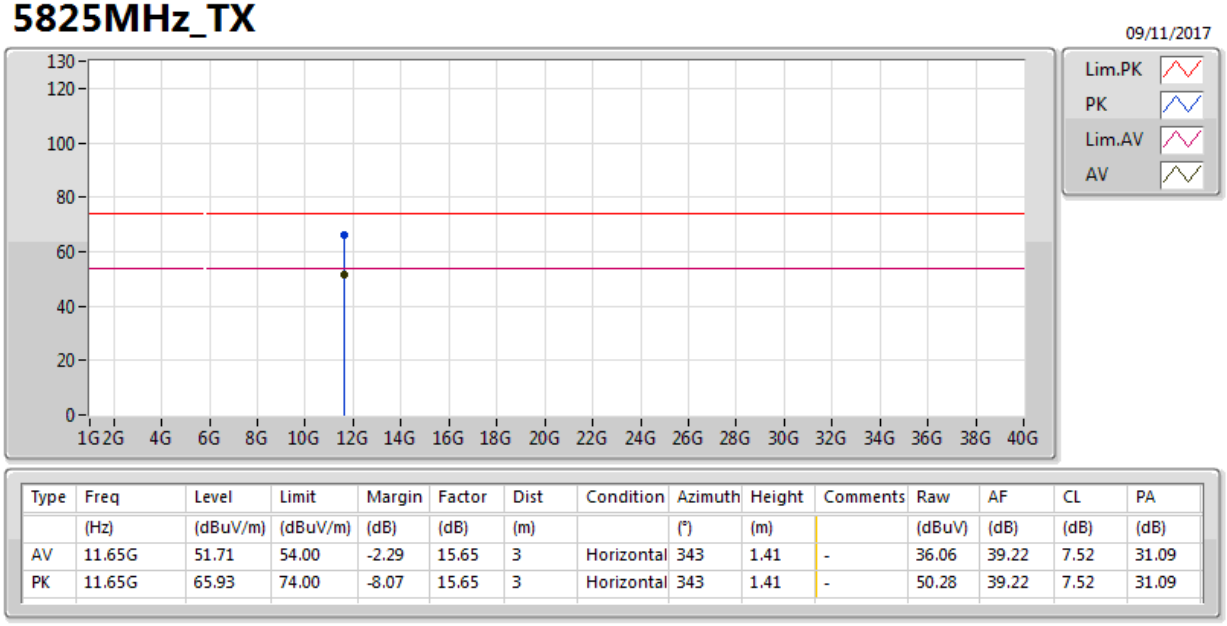
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	53.34	54.00	-0.66	15.65	3	Vertical	360	1.80	-	37.69	39.22	7.52	31.09
PK	11.65G	68.72	74.00	-5.28	15.65	3	Vertical	360	1.80	-	53.07	39.22	7.52	31.09

802.11a_Nss1,(6Mbps)_4TX

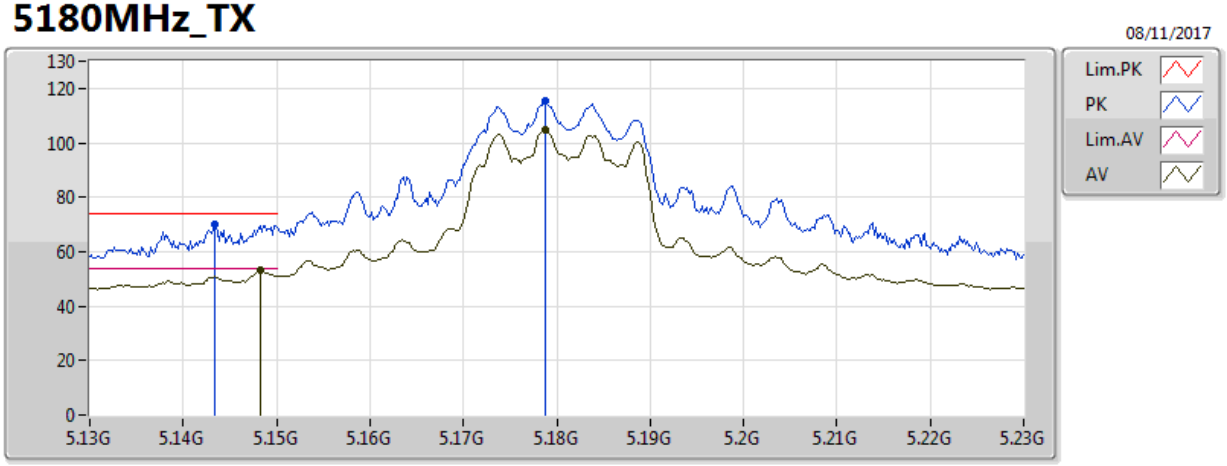
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	51.71	54.00	-2.29	15.65	3	Horizontal	343	1.41	-	36.06	39.22	7.52	31.09
PK	11.65G	65.93	74.00	-8.07	15.65	3	Horizontal	343	1.41	-	50.28	39.22	7.52	31.09

802.11ac VHT20_Nss1,(MCS0)_4TX

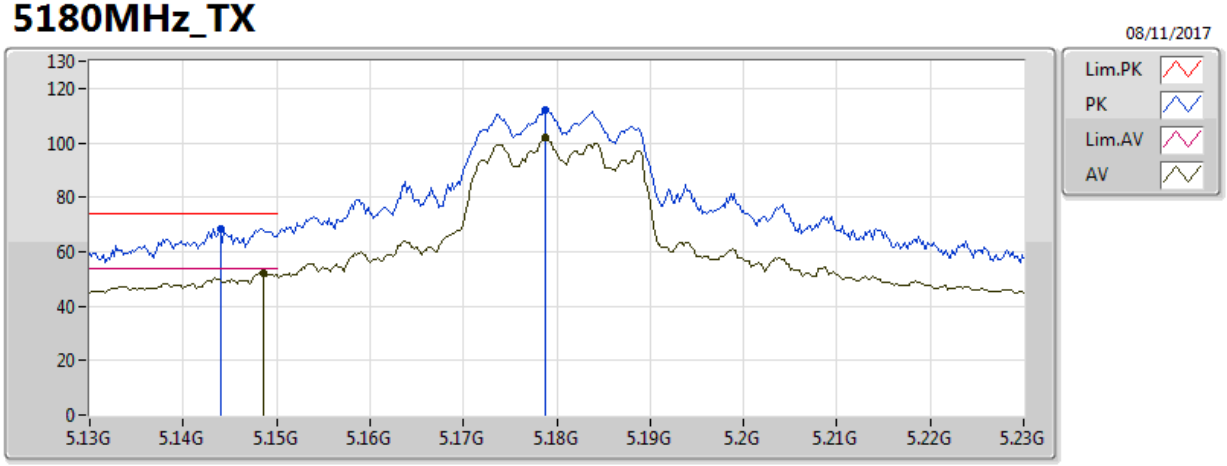
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1482G	53.45	54.00	-0.55	2.73	3	Vertical	34	1.83	-	50.73	31.66	5.62	34.55
AV	5.1788G	104.73	Inf	-Inf	2.75	3	Vertical	34	1.83	-	101.98	31.67	5.63	34.55
PK	5.1434G	69.86	74.00	-4.14	2.73	3	Vertical	34	1.83	-	67.13	31.66	5.62	34.55
PK	5.1788G	115.23	Inf	-Inf	2.75	3	Vertical	34	1.83	-	112.49	31.67	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

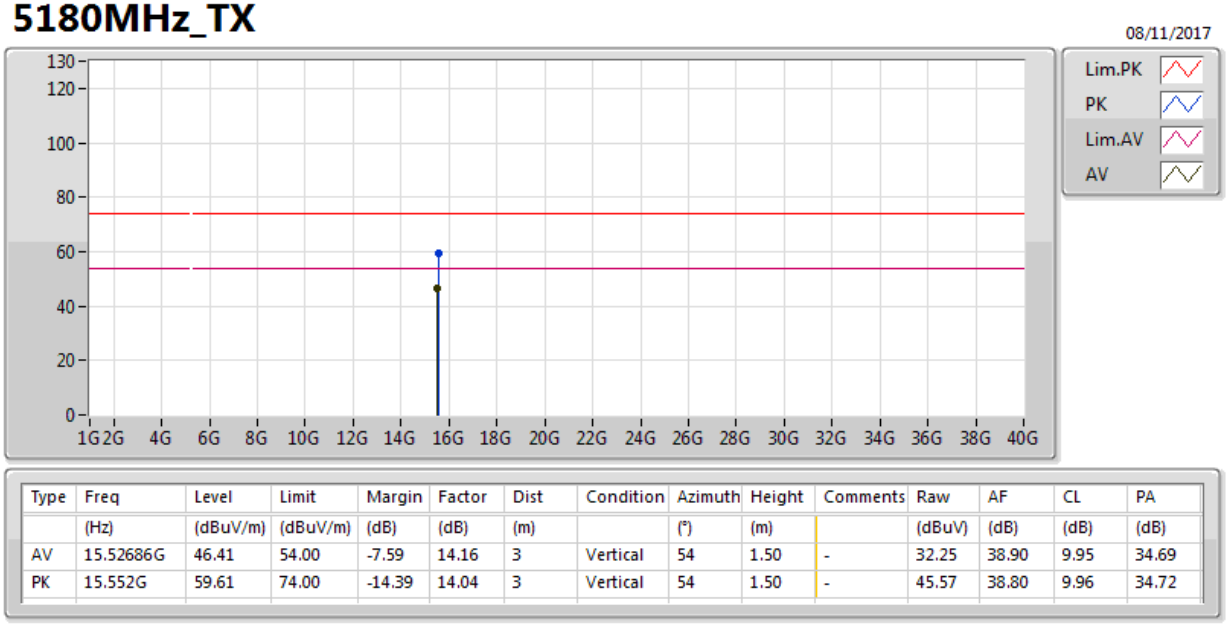
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1486G	52.13	54.00	-1.87	2.73	3	Horizontal	22	1.54	-	49.40	31.66	5.62	34.55
AV	5.1788G	101.73	Inf	-Inf	2.75	3	Horizontal	22	1.54	-	98.98	31.67	5.63	34.55
PK	5.144G	68.64	74.00	-5.36	2.73	3	Horizontal	22	1.54	-	65.91	31.66	5.62	34.55
PK	5.1788G	112.25	Inf	-Inf	2.75	3	Horizontal	22	1.54	-	109.51	31.67	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

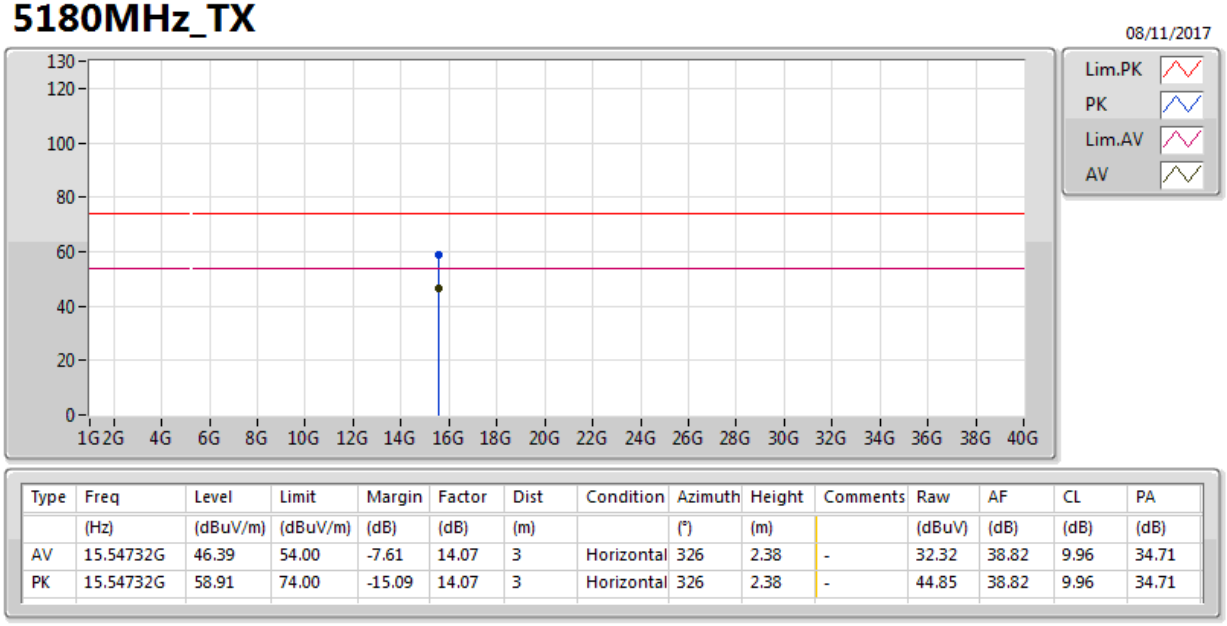
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.52686G	46.41	54.00	-7.59	14.16	3	Vertical	54	1.50	-	32.25	38.90	9.95	34.69
PK	15.552G	59.61	74.00	-14.39	14.04	3	Vertical	54	1.50	-	45.57	38.80	9.96	34.72

802.11ac VHT20_Nss1,(MCS0)_4TX

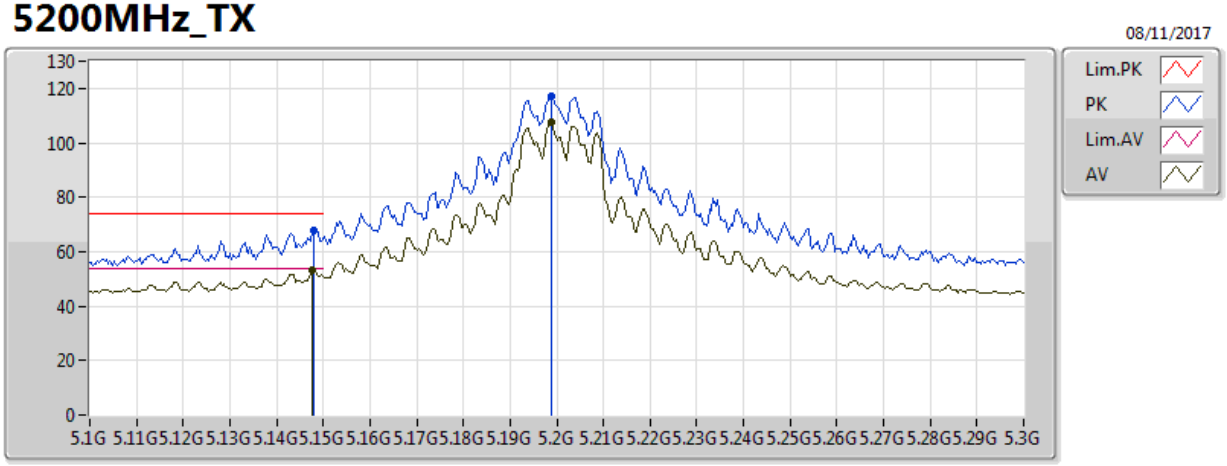
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54732G	46.39	54.00	-7.61	14.07	3	Horizontal	326	2.38	-	32.32	38.82	9.96	34.71
PK	15.54732G	58.91	74.00	-15.09	14.07	3	Horizontal	326	2.38	-	44.85	38.82	9.96	34.71

802.11ac VHT20_Nss1,(MCS0)_4TX

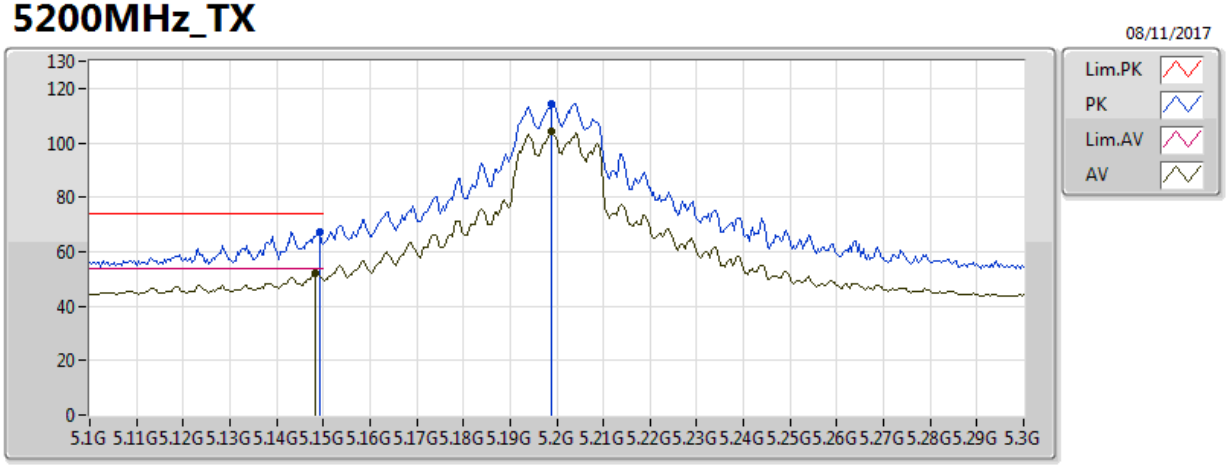
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	53.41	54.00	-0.59	2.73	3	Vertical	31	1.72	-	50.68	31.66	5.62	34.55
AV	5.1988G	107.51	Inf	-Inf	2.76	3	Vertical	31	1.72	-	104.75	31.68	5.63	34.55
PK	5.148G	67.65	74.00	-6.35	2.73	3	Vertical	31	1.72	-	64.93	31.66	5.62	34.55
PK	5.1988G	117.33	Inf	-Inf	2.76	3	Vertical	31	1.72	-	114.57	31.68	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

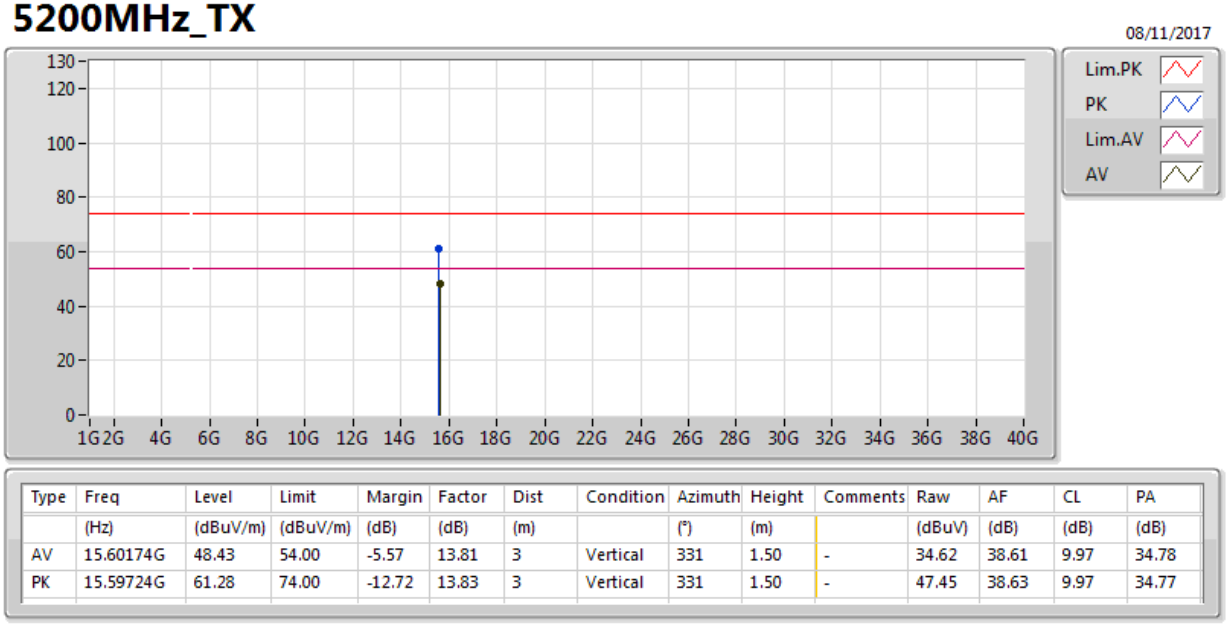
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	52.27	54.00	-1.73	2.73	3	Horizontal	23	1.48	-	49.54	31.66	5.62	34.55
AV	5.1988G	104.28	Inf	-Inf	2.76	3	Horizontal	23	1.48	-	101.52	31.68	5.63	34.55
PK	5.1492G	67.21	74.00	-6.79	2.73	3	Horizontal	23	1.48	-	64.48	31.66	5.62	34.55
PK	5.1988G	114.57	Inf	-Inf	2.76	3	Horizontal	23	1.48	-	111.81	31.68	5.63	34.55

802.11ac VHT20_Nss1,(MCS0)_4TX

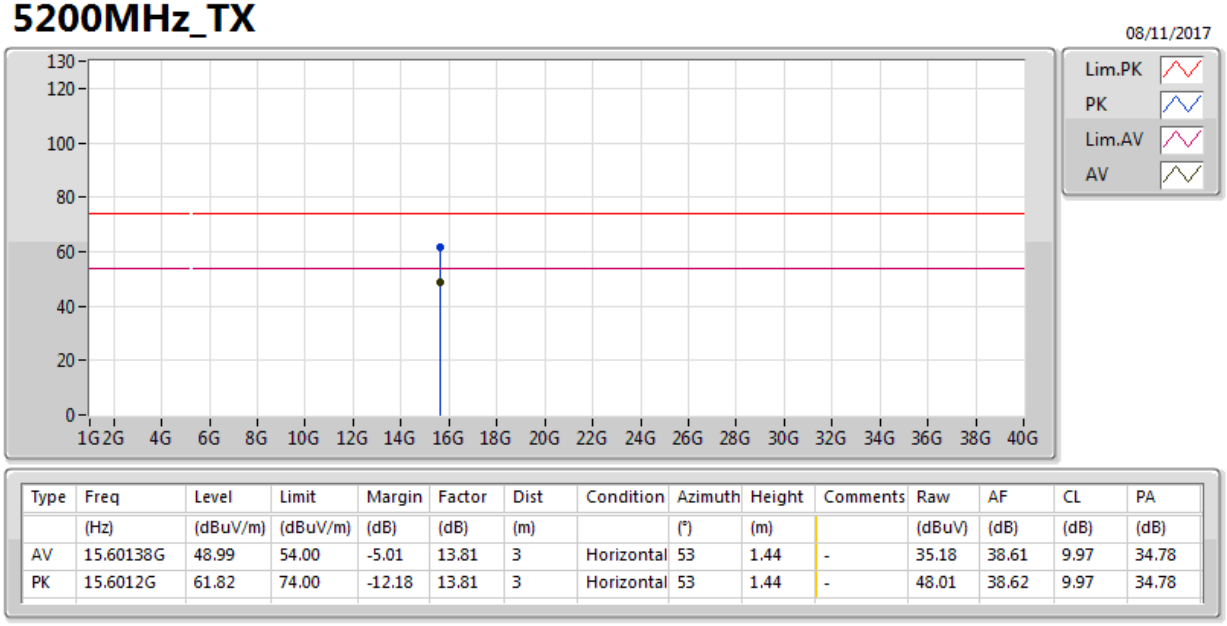
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60174G	48.43	54.00	-5.57	13.81	3	Vertical	331	1.50	-	34.62	38.61	9.97	34.78
PK	15.59724G	61.28	74.00	-12.72	13.83	3	Vertical	331	1.50	-	47.45	38.63	9.97	34.77

802.11ac VHT20_Nss1,(MCS0)_4TX

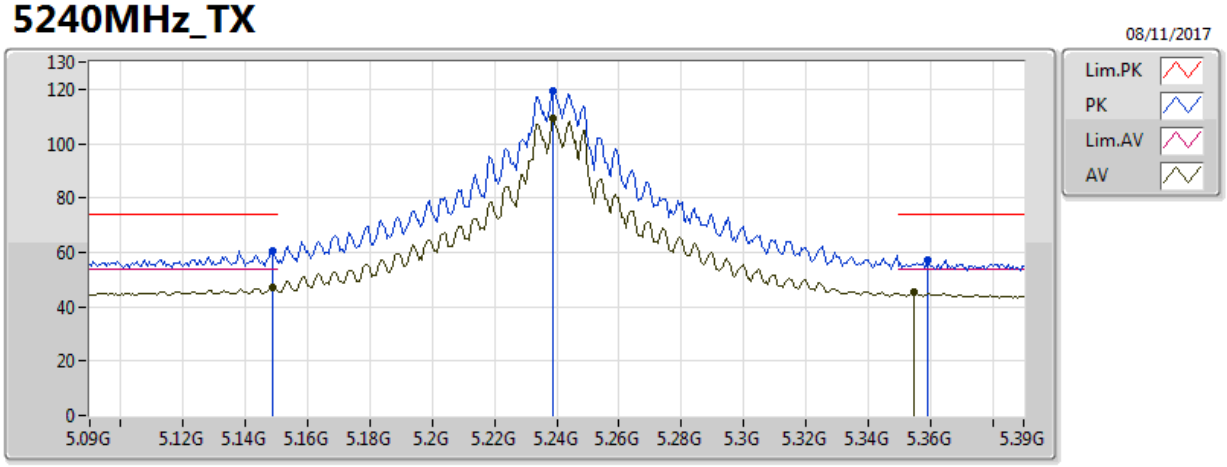
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60138G	48.99	54.00	-5.01	13.81	3	Horizontal	53	1.44	-	35.18	38.61	9.97	34.78
PK	15.6012G	61.82	74.00	-12.18	13.81	3	Horizontal	53	1.44	-	48.01	38.62	9.97	34.78

802.11ac VHT20_Nss1,(MCS0)_4TX

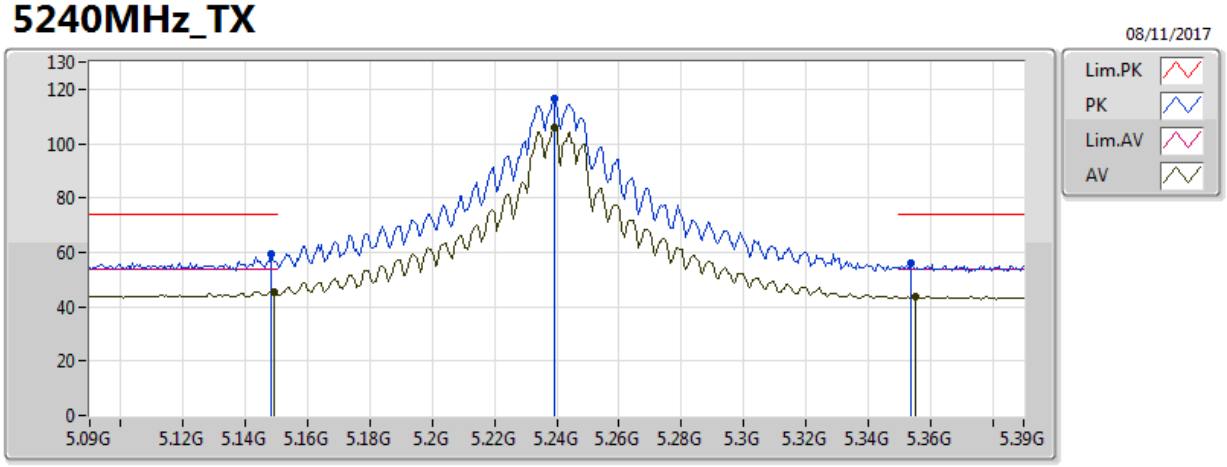
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1488G	47.22	54.00	-6.78	2.73	3	Vertical	34	1.69	-	44.49	31.66	5.62	34.55
AV	5.2388G	109.23	Inf	-Inf	2.78	3	Vertical	34	1.69	-	106.45	31.70	5.63	34.55
AV	5.3546G	45.18	54.00	-8.82	2.85	3	Vertical	34	1.69	-	42.33	31.74	5.65	34.54
PK	5.1488G	60.75	74.00	-13.25	2.73	3	Vertical	34	1.69	-	58.02	31.66	5.62	34.55
PK	5.2388G	119.54	Inf	-Inf	2.78	3	Vertical	34	1.69	-	116.75	31.70	5.63	34.55
PK	5.3594G	57.17	74.00	-16.83	2.86	3	Vertical	34	1.69	-	54.31	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

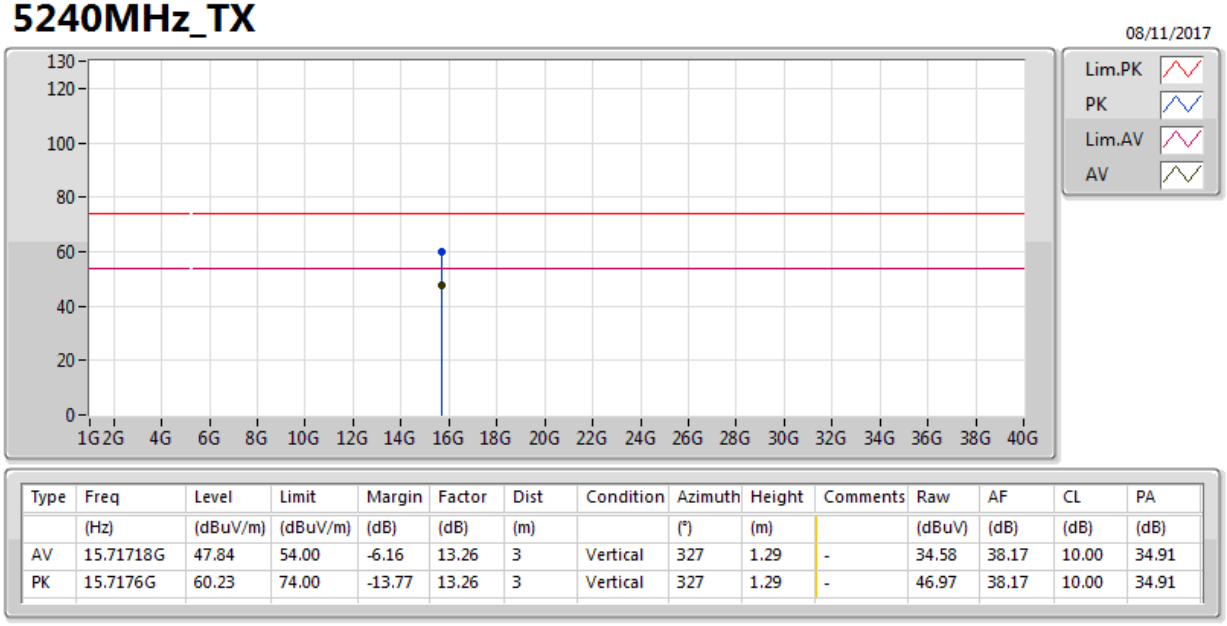
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	45.65	54.00	-8.35	2.73	3	Horizontal	30	1.02	-	42.92	31.66	5.62	34.55
AV	5.2394G	105.69	Inf	-Inf	2.78	3	Horizontal	30	1.02	-	102.90	31.70	5.63	34.55
AV	5.3552G	43.75	54.00	-10.25	2.85	3	Horizontal	30	1.02	-	40.89	31.74	5.65	34.54
PK	5.1482G	59.23	74.00	-14.77	2.73	3	Horizontal	30	1.02	-	56.50	31.66	5.62	34.55
PK	5.2394G	116.36	Inf	-Inf	2.78	3	Horizontal	30	1.02	-	113.57	31.70	5.63	34.55
PK	5.354G	56.17	74.00	-17.83	2.85	3	Horizontal	30	1.02	-	53.32	31.74	5.65	34.54

802.11ac VHT20_Nss1,(MCS0)_4TX

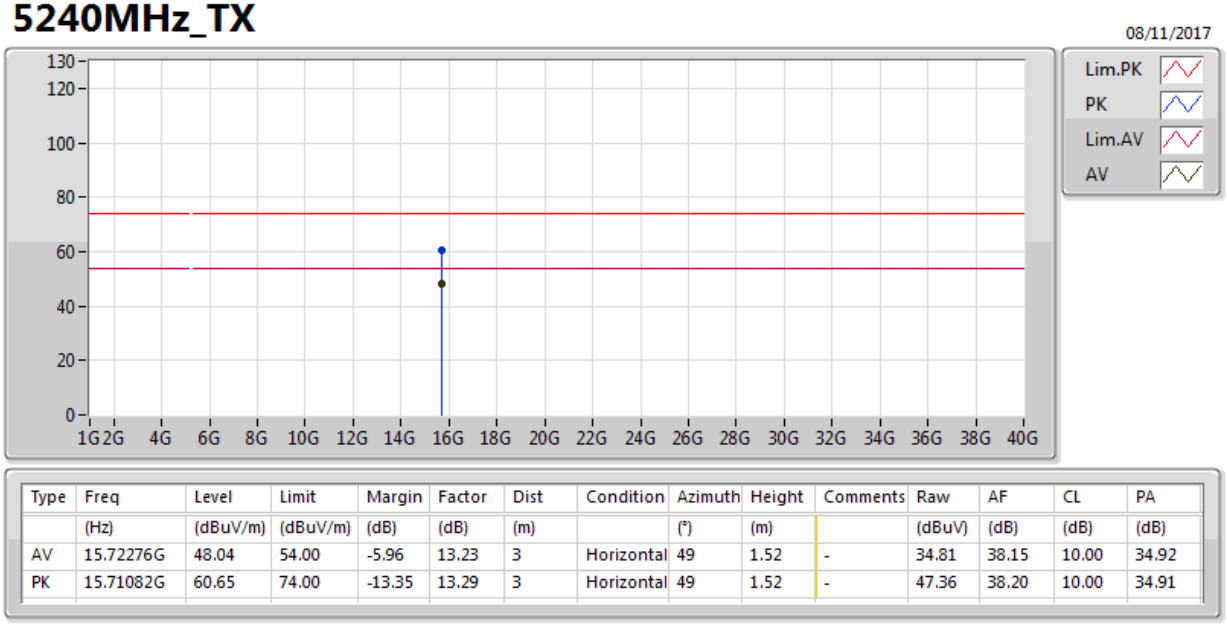
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71718G	47.84	54.00	-6.16	13.26	3	Vertical	327	1.29	-	34.58	38.17	10.00	34.91
PK	15.7176G	60.23	74.00	-13.77	13.26	3	Vertical	327	1.29	-	46.97	38.17	10.00	34.91

802.11ac VHT20_Nss1,(MCS0)_4TX

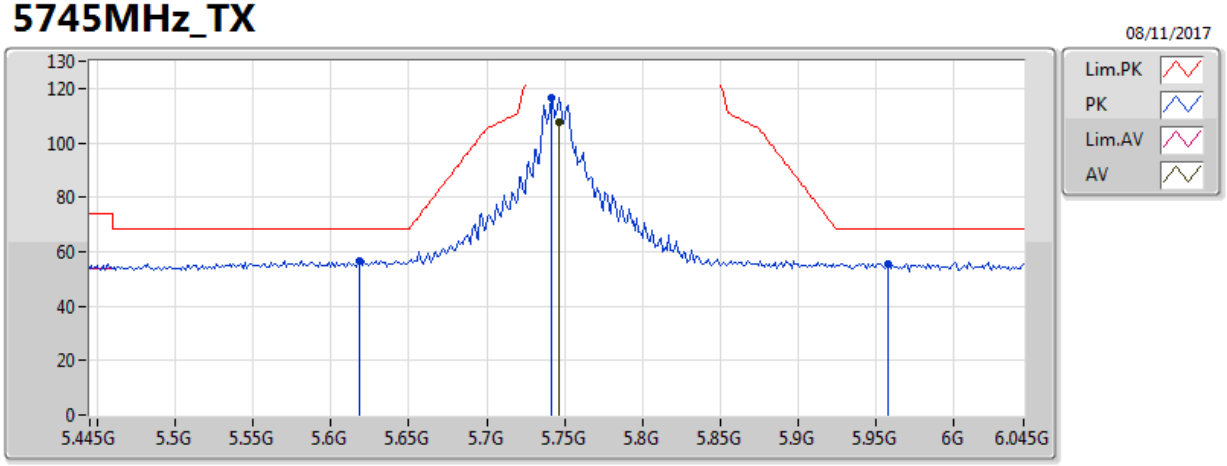
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72276G	48.04	54.00	-5.96	13.23	3	Horizontal	49	1.52	-	34.81	38.15	10.00	34.92
PK	15.71082G	60.65	74.00	-13.35	13.29	3	Horizontal	49	1.52	-	47.36	38.20	10.00	34.91

802.11ac VHT20_Nss1,(MCS0)_4TX

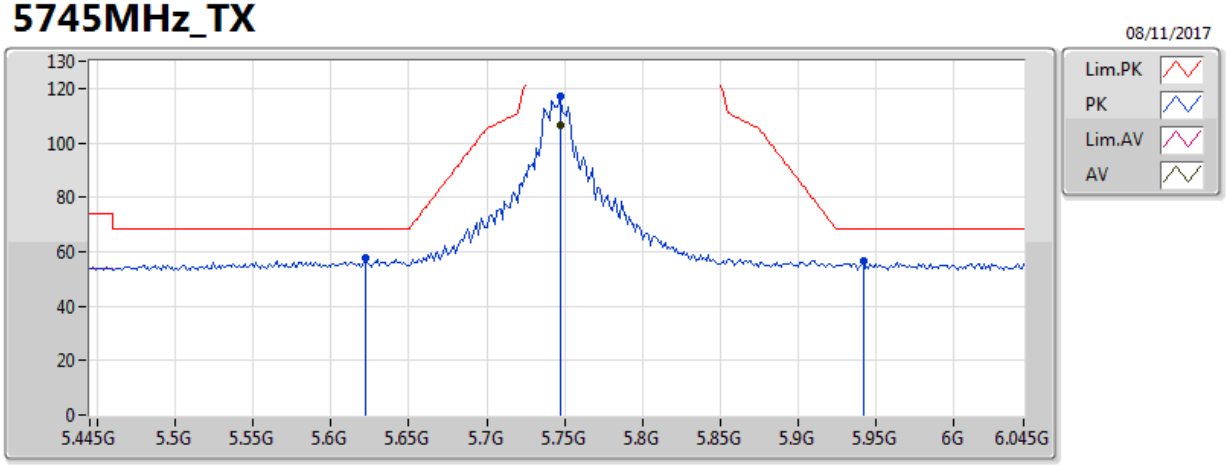
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	107.47	Inf	-Inf	3.43	3	Vertical	355	1.50	-	104.03	32.19	5.85	34.61
PK	5.6178G	56.80	68.20	-11.40	3.17	3	Vertical	355	1.50	-	53.64	31.99	5.75	34.58
PK	5.7414G	116.71	Inf	-Inf	3.42	3	Vertical	355	1.50	-	113.29	32.19	5.84	34.61
PK	5.9574G	55.73	68.20	-12.47	3.86	3	Vertical	355	1.50	-	51.87	32.53	6.00	34.67

802.11ac VHT20_Nss1,(MCS0)_4TX

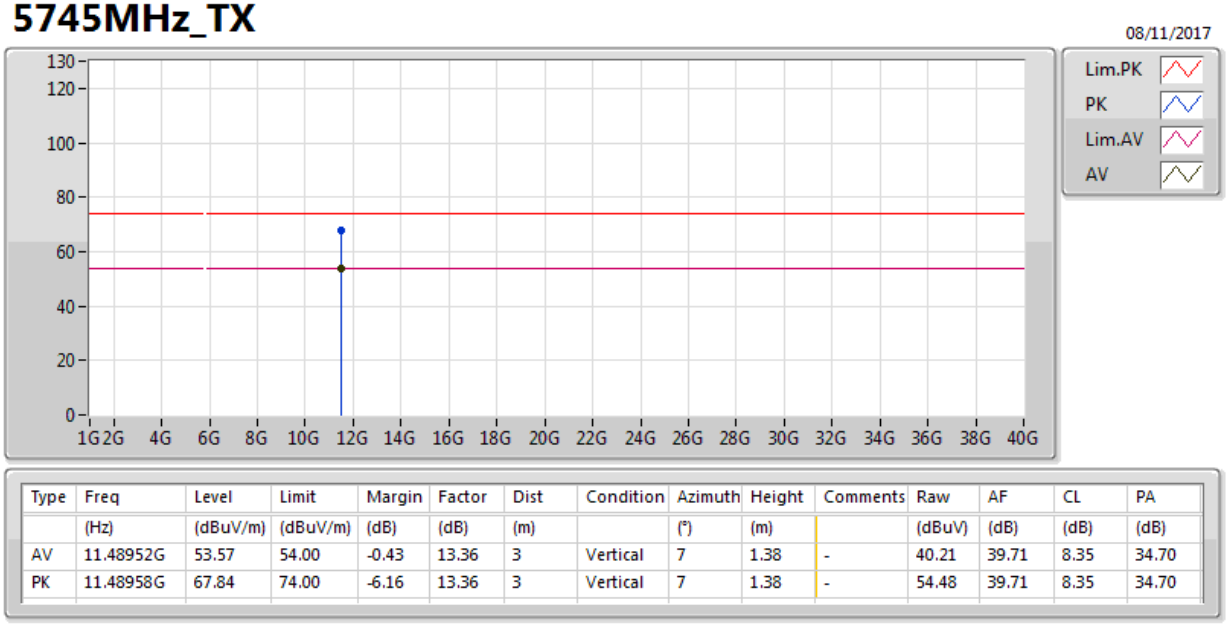
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	106.56	Inf	-Inf	3.43	3	Horizontal	307	1.75	-	103.13	32.20	5.85	34.61
PK	5.6226G	57.59	68.20	-10.61	3.18	3	Horizontal	307	1.75	-	54.42	32.00	5.76	34.58
PK	5.7474G	116.85	Inf	-Inf	3.43	3	Horizontal	307	1.75	-	113.42	32.20	5.85	34.61
PK	5.9418G	56.56	68.20	-11.64	3.83	3	Horizontal	307	1.75	-	52.73	32.51	5.99	34.66

802.11ac VHT20_Nss1,(MCS0)_4TX

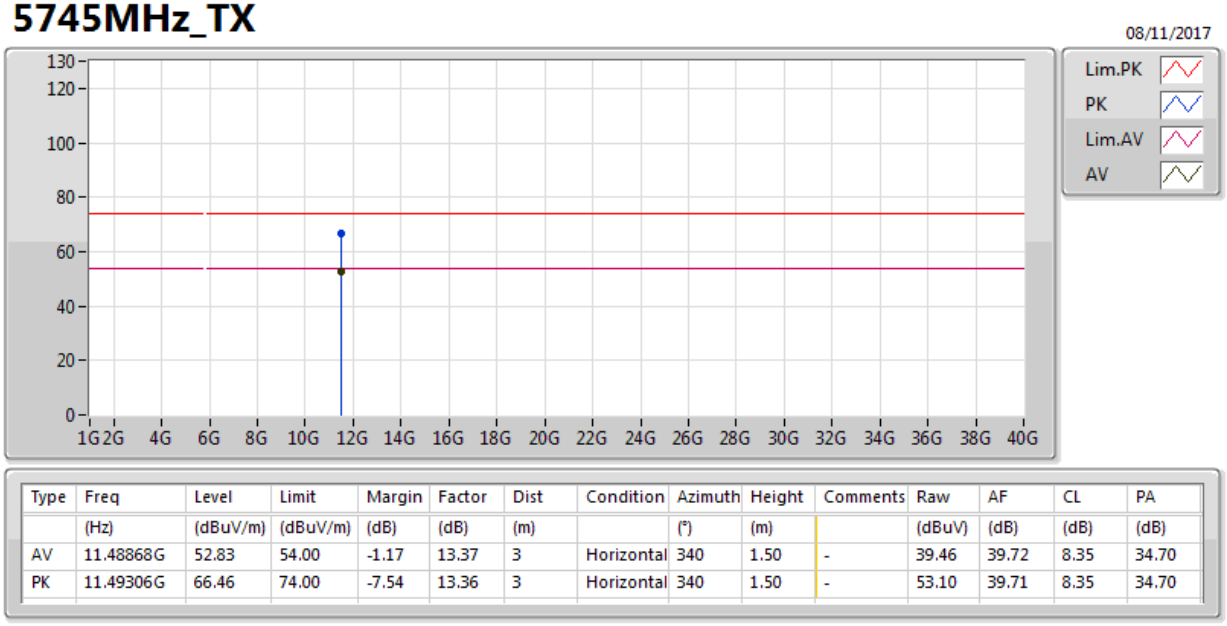
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48952G	53.57	54.00	-0.43	13.36	3	Vertical	7	1.38	-	40.21	39.71	8.35	34.70
PK	11.48958G	67.84	74.00	-6.16	13.36	3	Vertical	7	1.38	-	54.48	39.71	8.35	34.70

802.11ac VHT20_Nss1,(MCS0)_4TX

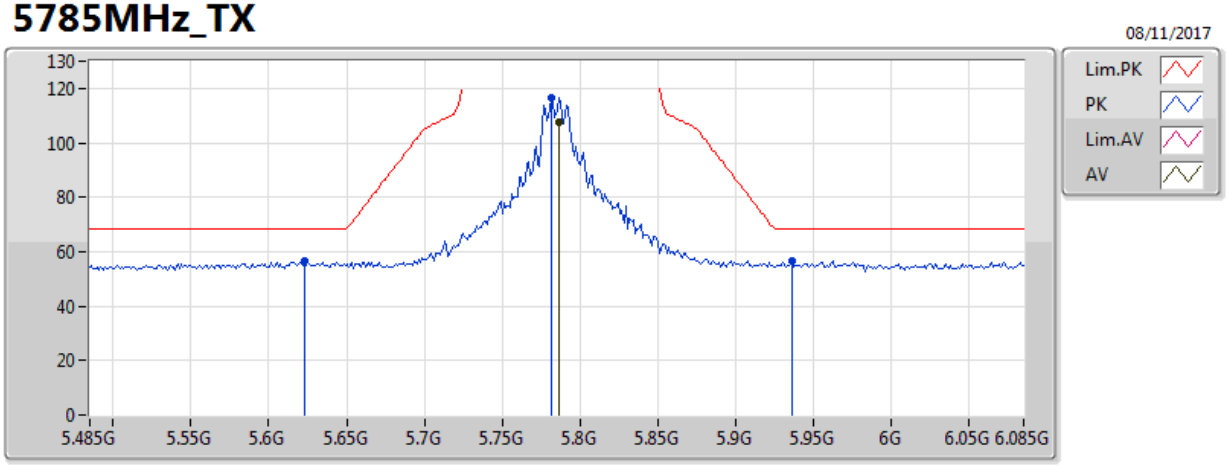
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48868G	52.83	54.00	-1.17	13.37	3	Horizontal	340	1.50	-	39.46	39.72	8.35	34.70
PK	11.49306G	66.46	74.00	-7.54	13.36	3	Horizontal	340	1.50	-	53.10	39.71	8.35	34.70

802.11ac VHT20_Nss1,(MCS0)_4TX

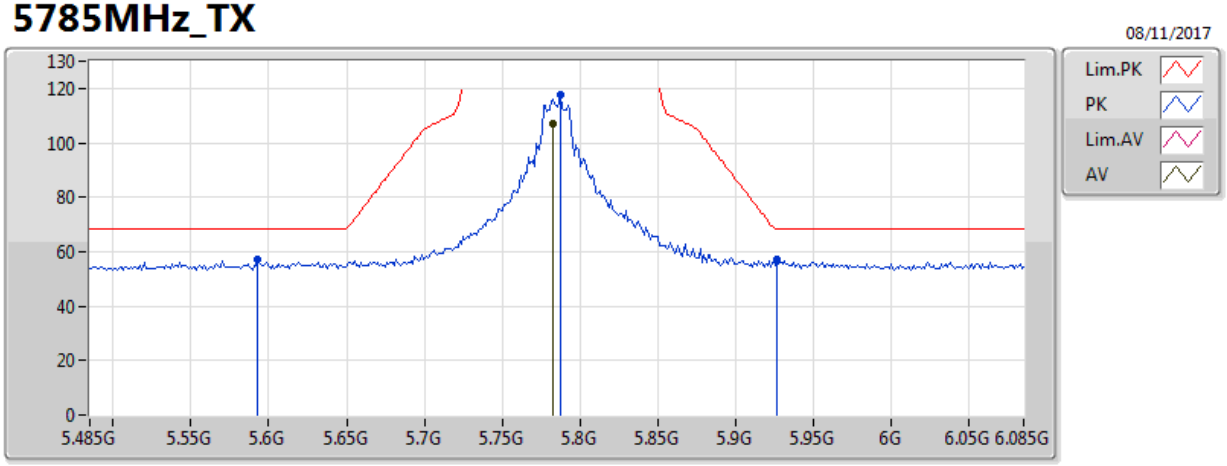
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7862G	107.33	Inf	-Inf	3.52	3	Vertical	355	1.50	-	103.81	32.26	5.88	34.62
PK	5.623G	56.40	68.20	-11.80	3.18	3	Vertical	355	1.50	-	53.22	32.00	5.76	34.58
PK	5.7814G	116.66	Inf	-Inf	3.51	3	Vertical	355	1.50	-	113.15	32.25	5.88	34.62
PK	5.9362G	56.55	68.20	-11.65	3.82	3	Vertical	355	1.50	-	52.72	32.50	5.99	34.66

802.11ac VHT20_Nss1,(MCS0)_4TX

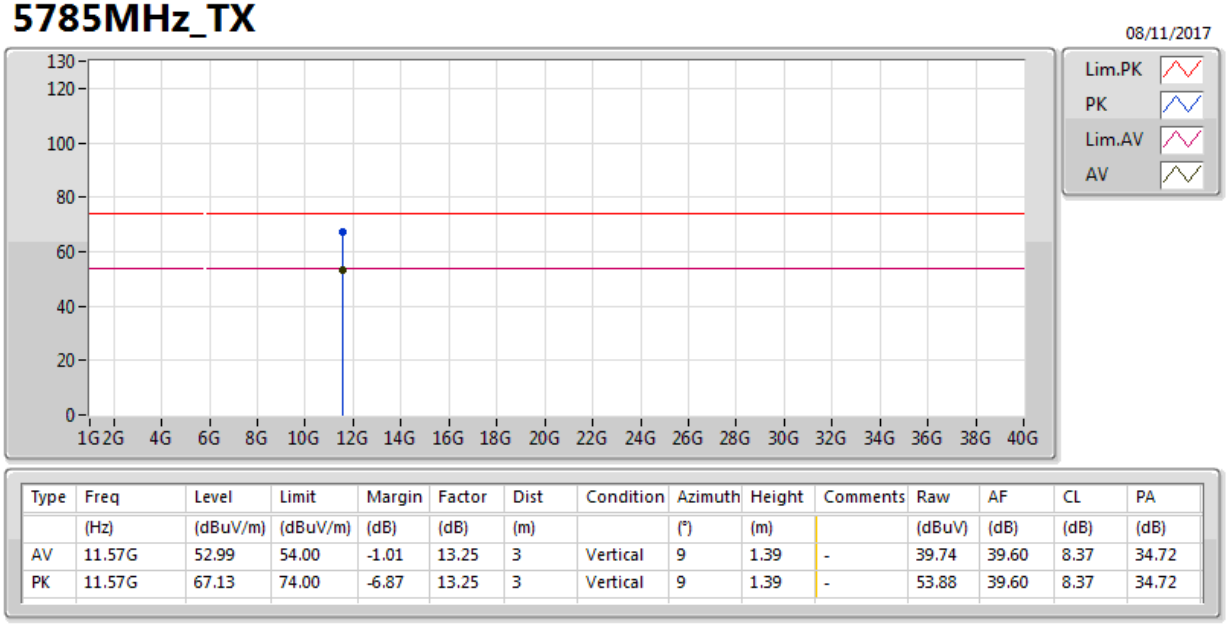
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7826G	106.79	Inf	-Inf	3.51	3	Horizontal	310	1.82	-	103.28	32.25	5.88	34.62
PK	5.593G	56.96	68.20	-11.24	3.12	3	Horizontal	310	1.82	-	53.84	31.95	5.74	34.57
PK	5.7874G	117.44	Inf	-Inf	3.52	3	Horizontal	310	1.82	-	113.91	32.26	5.88	34.62
PK	5.9266G	57.28	68.20	-10.92	3.80	3	Horizontal	310	1.82	-	53.47	32.48	5.98	34.66

802.11ac VHT20_Nss1,(MCS0)_4TX

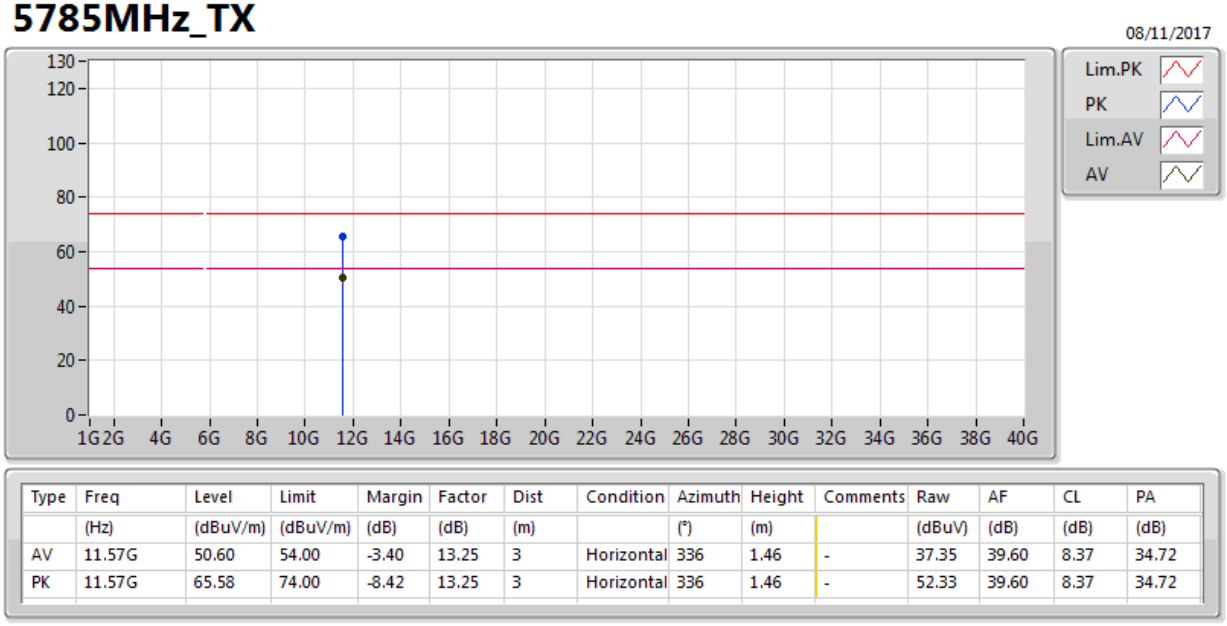
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	52.99	54.00	-1.01	13.25	3	Vertical	9	1.39	-	39.74	39.60	8.37	34.72
PK	11.57G	67.13	74.00	-6.87	13.25	3	Vertical	9	1.39	-	53.88	39.60	8.37	34.72

802.11ac VHT20_Nss1,(MCS0)_4TX

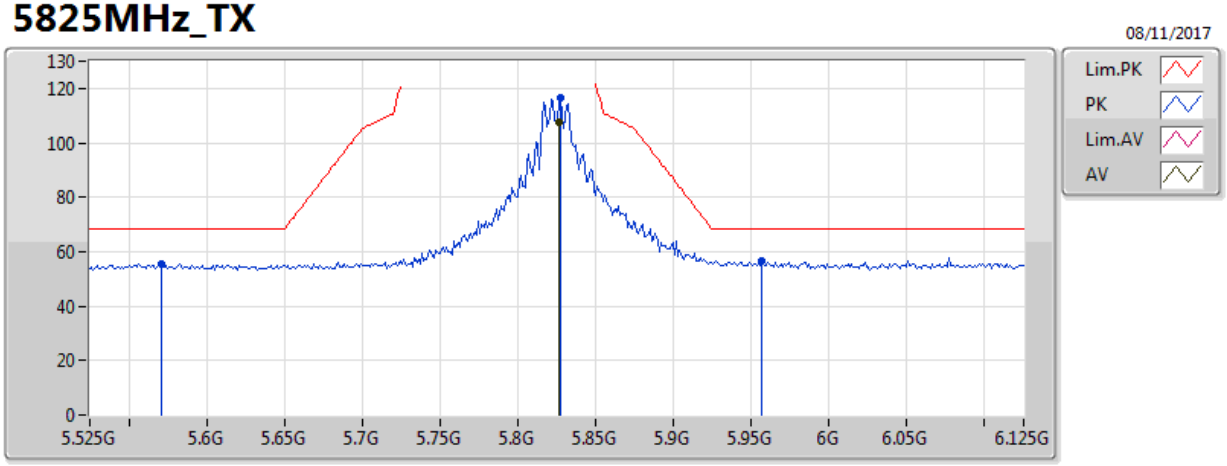
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57G	50.60	54.00	-3.40	13.25	3	Horizontal	336	1.46	-	37.35	39.60	8.37	34.72
PK	11.57G	65.58	74.00	-8.42	13.25	3	Horizontal	336	1.46	-	52.33	39.60	8.37	34.72

802.11ac VHT20_Nss1,(MCS0)_4TX

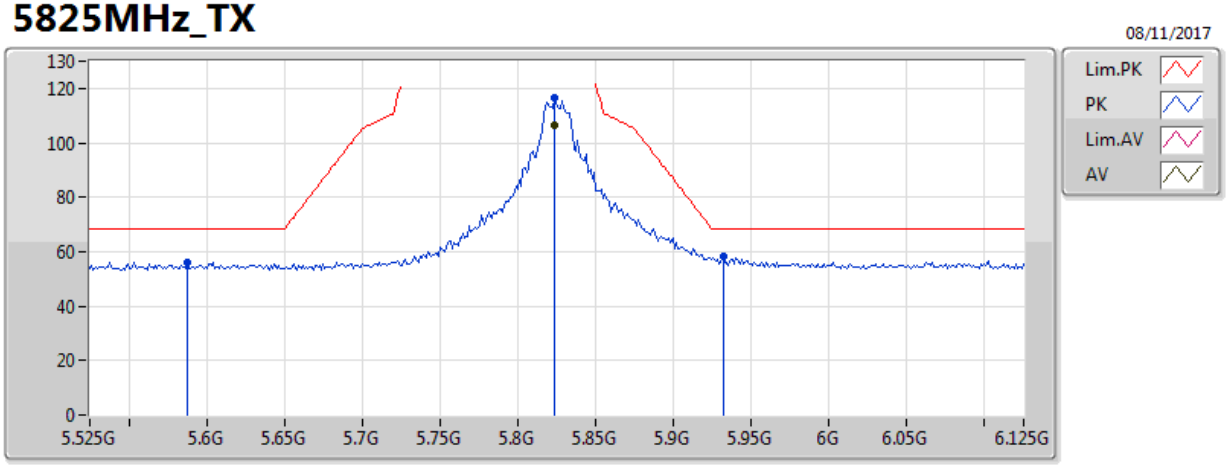
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	107.65	Inf	-Inf	3.60	3	Vertical	360	1.50	-	104.05	32.32	5.91	34.63
PK	5.5706G	55.25	68.20	-12.95	3.07	3	Vertical	360	1.50	-	52.18	31.91	5.72	34.56
PK	5.8274G	116.41	Inf	-Inf	3.60	3	Vertical	360	1.50	-	112.81	32.32	5.91	34.63
PK	5.957G	56.76	68.20	-11.44	3.86	3	Vertical	360	1.50	-	52.89	32.53	6.00	34.67

802.11ac VHT20_Nss1,(MCS0)_4TX

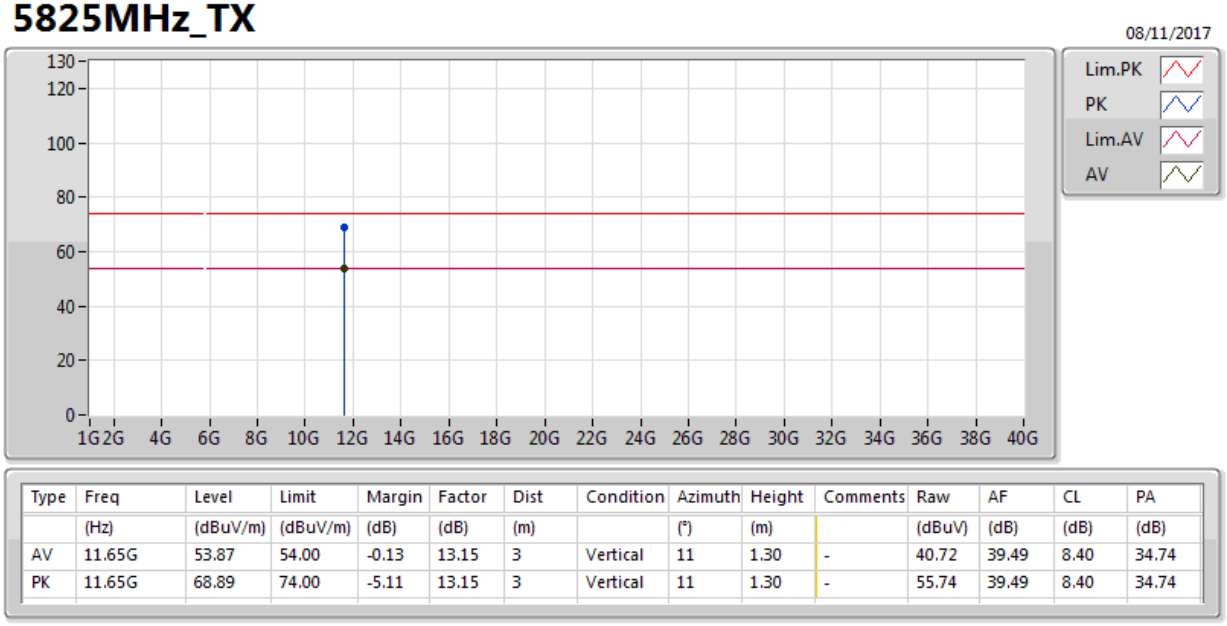
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8238G	106.36	Inf	-Inf	3.60	3	Horizontal	288	1.86	-	102.76	32.32	5.91	34.63
PK	5.5874G	56.00	68.20	-12.20	3.10	3	Horizontal	288	1.86	-	52.90	31.94	5.73	34.57
PK	5.8238G	116.37	Inf	-Inf	3.60	3	Horizontal	288	1.86	-	112.78	32.32	5.91	34.63
PK	5.9318G	58.19	68.20	-10.01	3.81	3	Horizontal	288	1.86	-	54.38	32.49	5.98	34.66

802.11ac VHT20_Nss1,(MCS0)_4TX

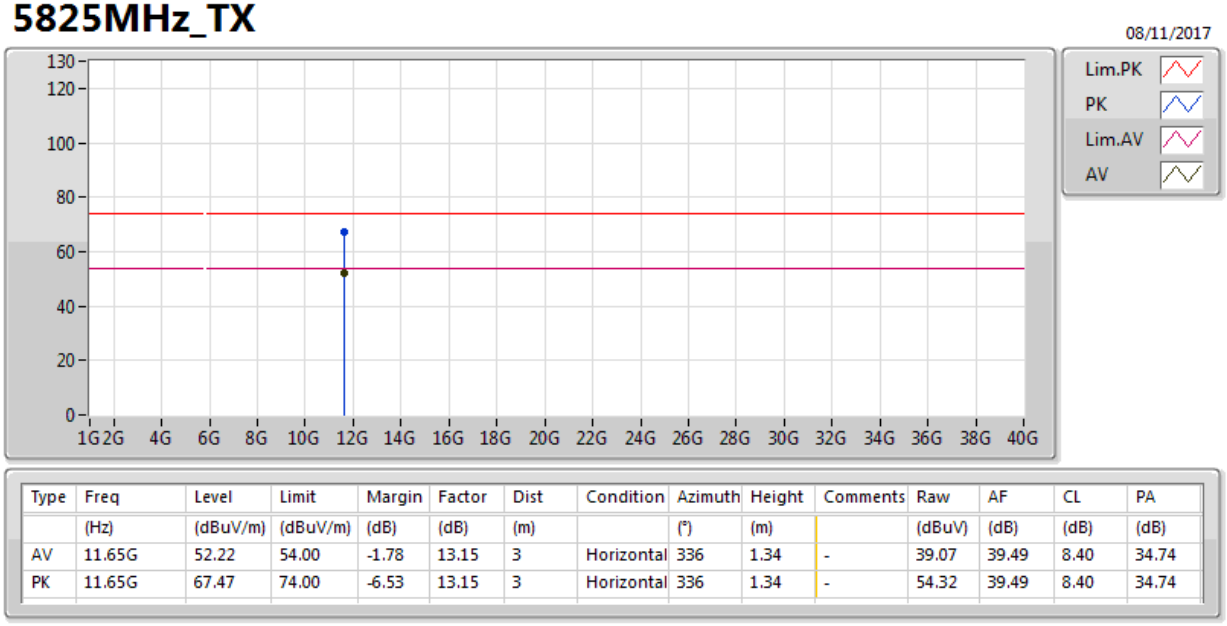
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	53.87	54.00	-0.13	13.15	3	Vertical	11	1.30	-	40.72	39.49	8.40	34.74
PK	11.65G	68.89	74.00	-5.11	13.15	3	Vertical	11	1.30	-	55.74	39.49	8.40	34.74

802.11ac VHT20_Nss1,(MCS0)_4TX

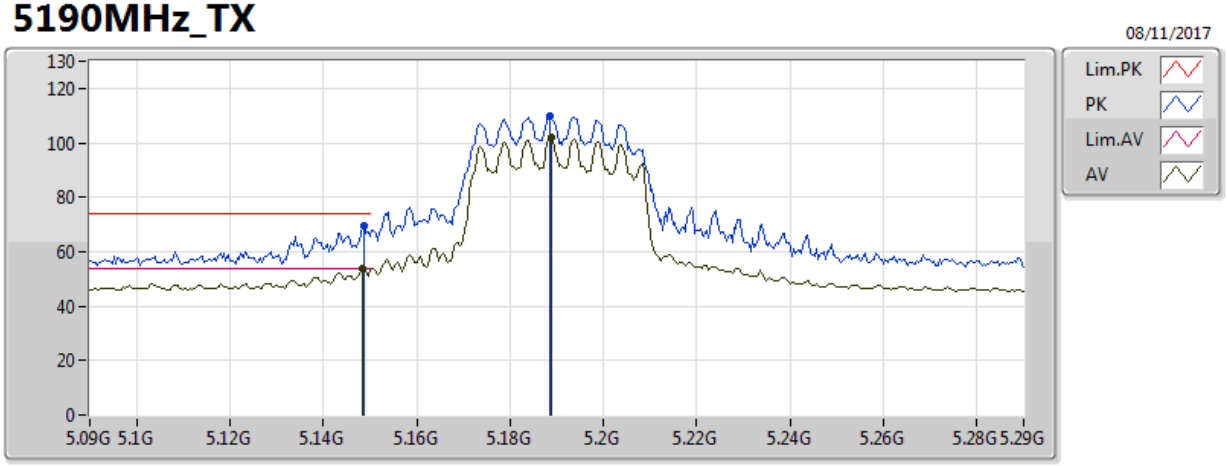
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65G	52.22	54.00	-1.78	13.15	3	Horizontal	336	1.34	-	39.07	39.49	8.40	34.74
PK	11.65G	67.47	74.00	-6.53	13.15	3	Horizontal	336	1.34	-	54.32	39.49	8.40	34.74

802.11ac VHT40_Nss1,(MCS0)_4TX

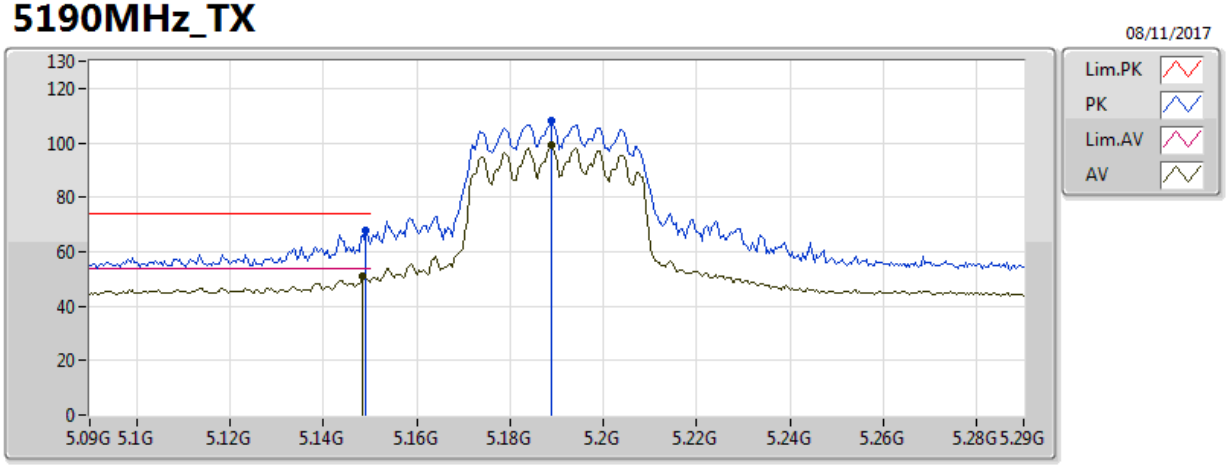
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	53.78	54.00	-0.22	2.73	3	Vertical	34	1.81	-	51.05	31.66	5.62	34.55
AV	5.1888G	102.13	Inf	-Inf	2.75	3	Vertical	34	1.81	-	99.38	31.68	5.63	34.55
PK	5.1488G	69.32	74.00	-4.68	2.73	3	Vertical	34	1.81	-	66.59	31.66	5.62	34.55
PK	5.1884G	109.87	Inf	-Inf	2.75	3	Vertical	34	1.81	-	107.12	31.68	5.63	34.55

802.11ac VHT40_Nss1,(MCS0)_4TX

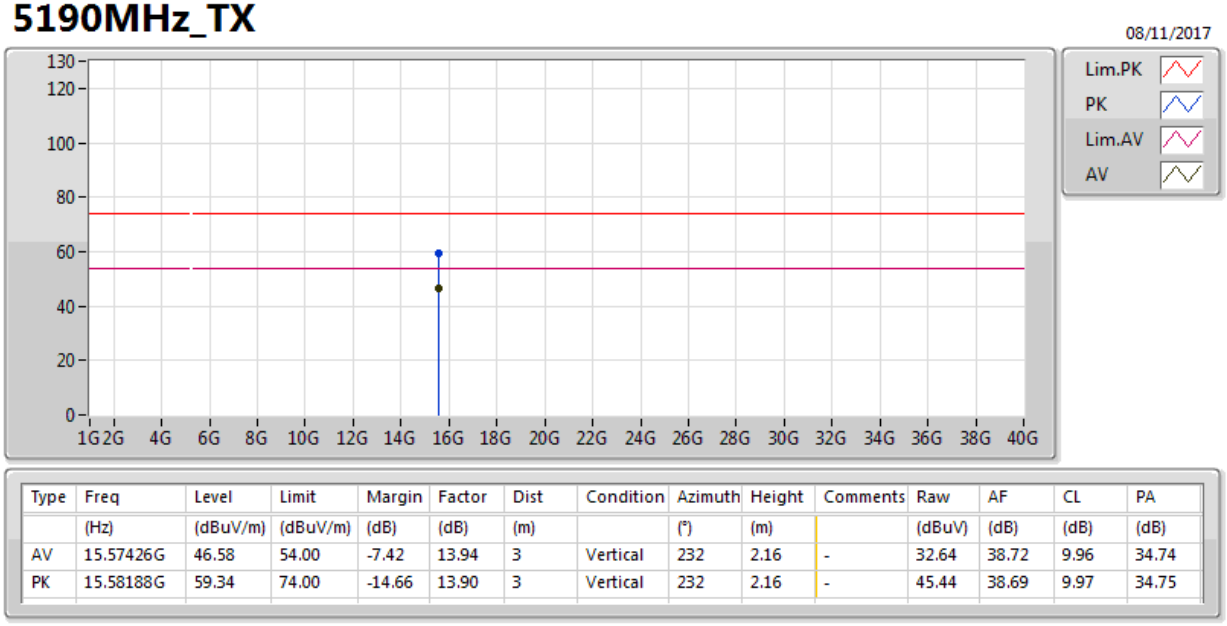
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	51.05	54.00	-2.95	2.73	3	Horizontal	24	1.46	-	48.32	31.66	5.62	34.55
AV	5.1888G	99.39	Inf	-Inf	2.75	3	Horizontal	24	1.46	-	96.63	31.68	5.63	34.55
PK	5.1492G	67.94	74.00	-6.06	2.73	3	Horizontal	24	1.46	-	65.21	31.66	5.62	34.55
PK	5.1888G	107.99	Inf	-Inf	2.75	3	Horizontal	24	1.46	-	105.24	31.68	5.63	34.55

802.11ac VHT40_Nss1,(MCS0)_4TX

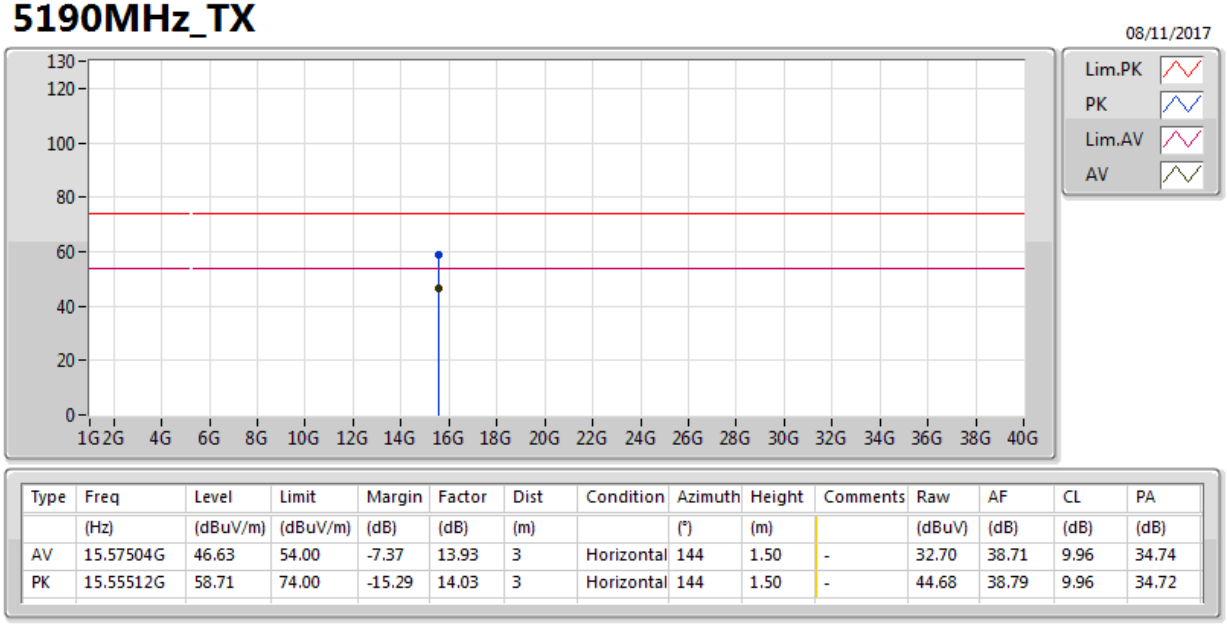
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57426G	46.58	54.00	-7.42	13.94	3	Vertical	232	2.16	-	32.64	38.72	9.96	34.74
PK	15.58188G	59.34	74.00	-14.66	13.90	3	Vertical	232	2.16	-	45.44	38.69	9.97	34.75

802.11ac VHT40_Nss1,(MCS0)_4TX

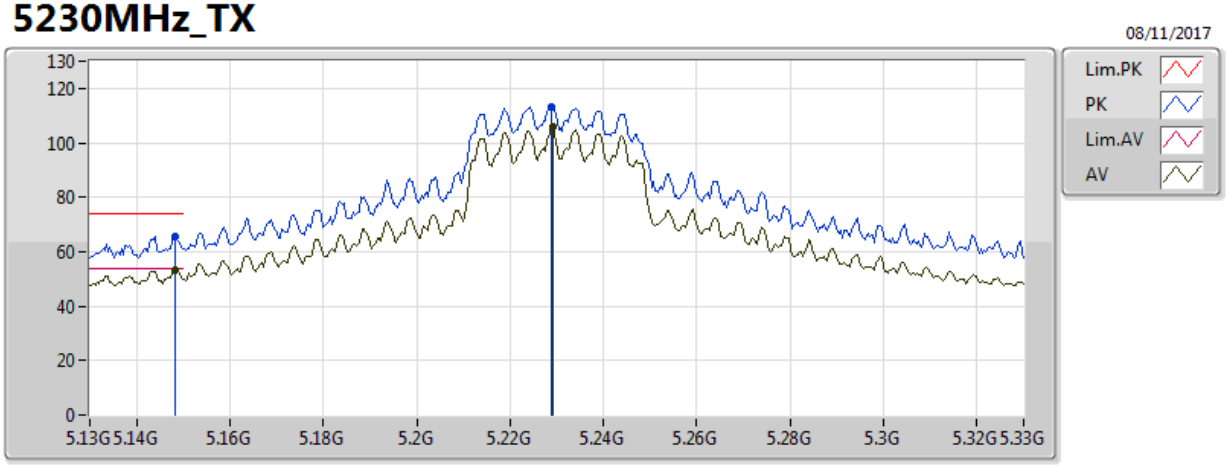
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.57504G	46.63	54.00	-7.37	13.93	3	Horizontal	144	1.50	-	32.70	38.71	9.96	34.74
PK	15.55512G	58.71	74.00	-15.29	14.03	3	Horizontal	144	1.50	-	44.68	38.79	9.96	34.72

802.11ac VHT40_Nss1,(MCS0)_4TX

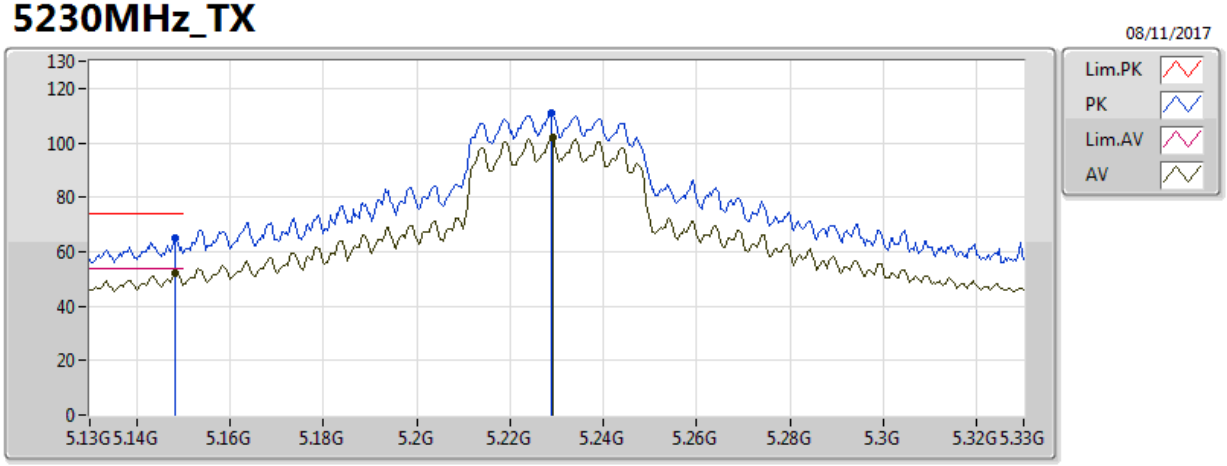
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	53.17	54.00	-0.83	2.73	3	Vertical	37	1.91	-	50.44	31.66	5.62	34.55
AV	5.2292G	105.86	Inf	-Inf	2.78	3	Vertical	37	1.91	-	103.09	31.69	5.63	34.55
PK	5.1484G	65.74	74.00	-8.26	2.73	3	Vertical	37	1.91	-	63.01	31.66	5.62	34.55
PK	5.2288G	113.23	Inf	-Inf	2.78	3	Vertical	37	1.91	-	110.45	31.69	5.63	34.55

802.11ac VHT40_Nss1,(MCS0)_4TX

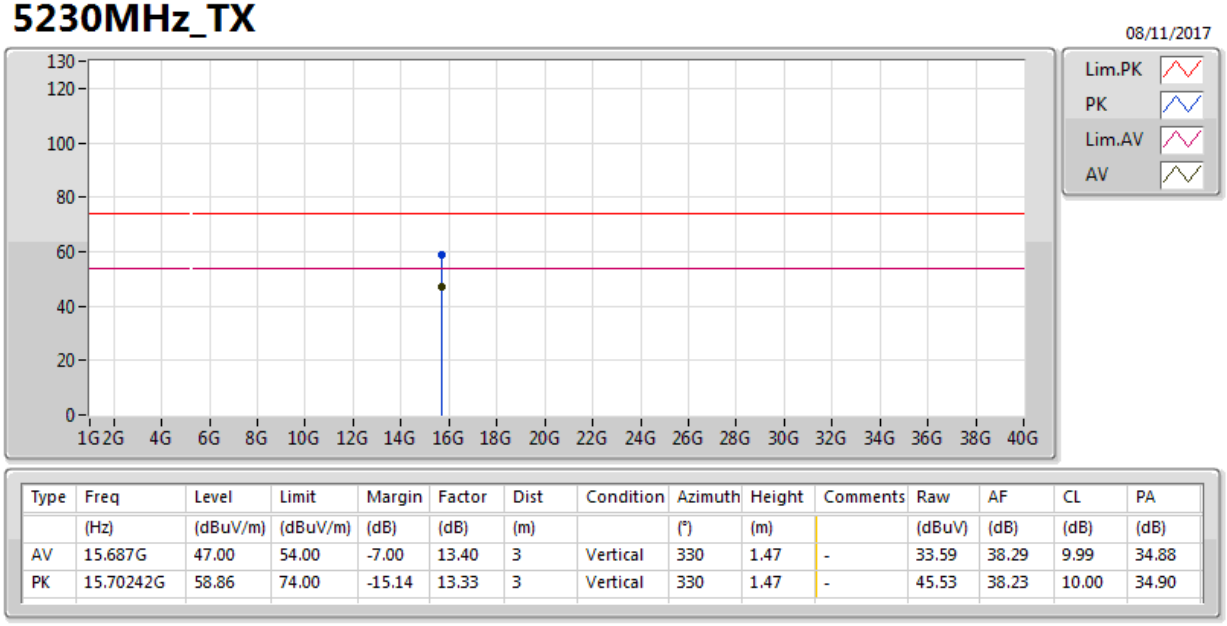
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	52.00	54.00	-2.00	2.73	3	Horizontal	23	1.30	-	49.28	31.66	5.62	34.55
AV	5.2292G	101.81	Inf	-Inf	2.78	3	Horizontal	23	1.30	-	99.03	31.69	5.63	34.55
PK	5.1484G	64.99	74.00	-9.01	2.73	3	Horizontal	23	1.30	-	62.26	31.66	5.62	34.55
PK	5.2288G	111.07	Inf	-Inf	2.78	3	Horizontal	23	1.30	-	108.30	31.69	5.63	34.55

802.11ac VHT40_Nss1,(MCS0)_4TX

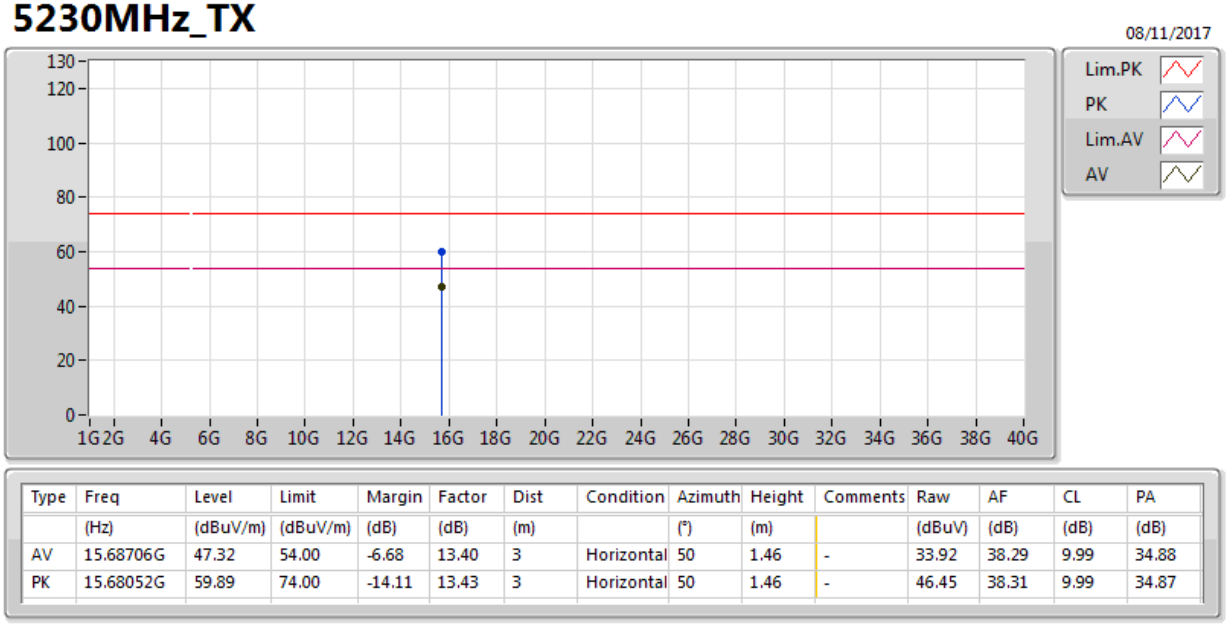
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.687G	47.00	54.00	-7.00	13.40	3	Vertical	330	1.47	-	33.59	38.29	9.99	34.88
PK	15.70242G	58.86	74.00	-15.14	13.33	3	Vertical	330	1.47	-	45.53	38.23	10.00	34.90

802.11ac VHT40_Nss1,(MCS0)_4TX

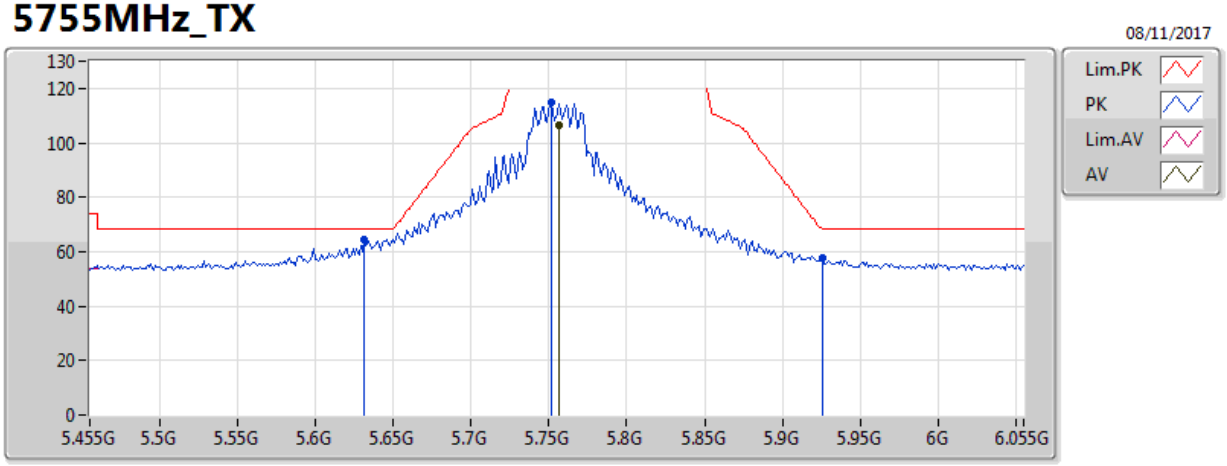
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68706G	47.32	54.00	-6.68	13.40	3	Horizontal	50	1.46	-	33.92	38.29	9.99	34.88
PK	15.68052G	59.89	74.00	-14.11	13.43	3	Horizontal	50	1.46	-	46.45	38.31	9.99	34.87

802.11ac VHT40_Nss1,(MCS0)_4TX

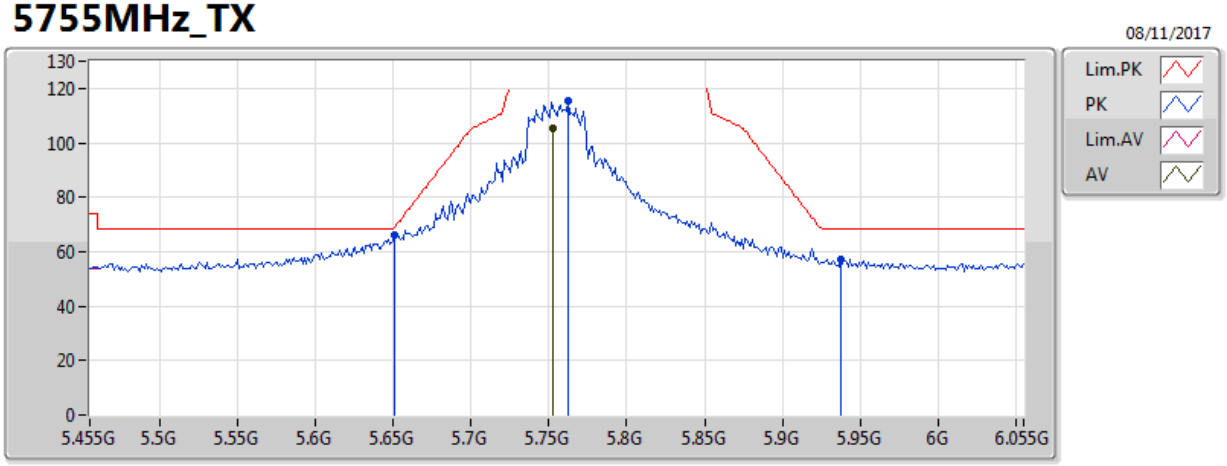
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7562G	106.38	Inf	-Inf	3.45	3	Vertical	25	1.50	-	102.93	32.21	5.85	34.61
PK	5.6314G	64.66	68.20	-3.54	3.19	3	Vertical	25	1.50	-	61.47	32.01	5.76	34.58
PK	5.7514G	114.86	Inf	-Inf	3.44	3	Vertical	25	1.50	-	111.41	32.20	5.85	34.61
PK	5.9254G	57.52	68.20	-10.68	3.80	3	Vertical	25	1.50	-	53.72	32.48	5.98	34.66

802.11ac VHT40_Nss1,(MCS0)_4TX

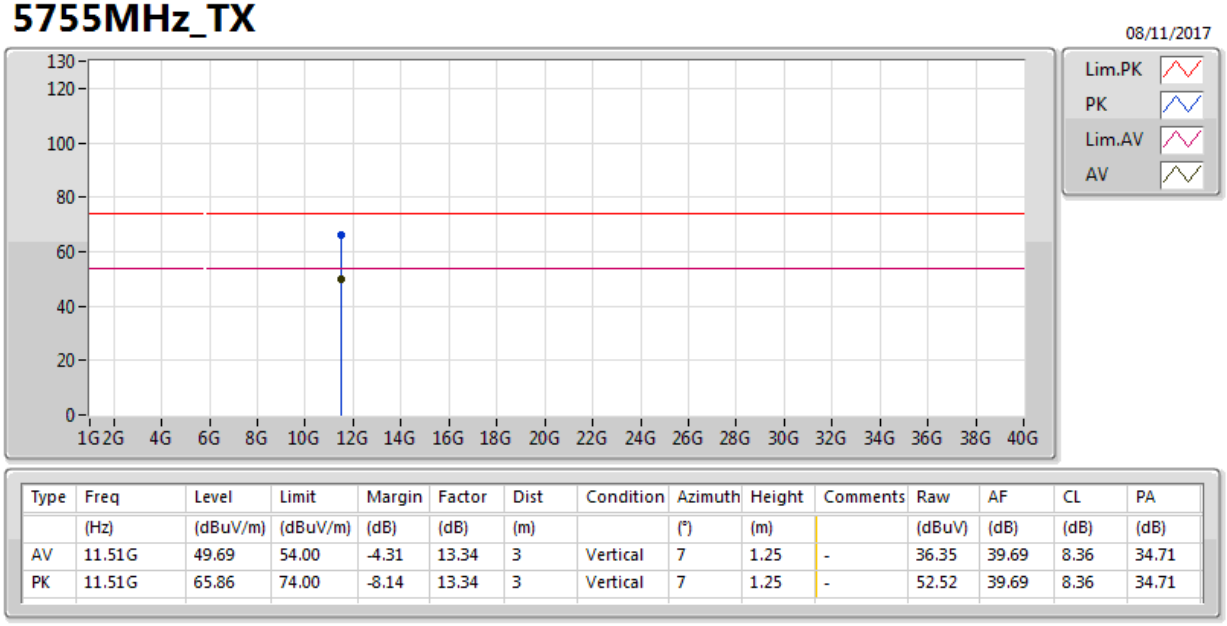
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7526G	105.37	Inf	-Inf	3.45	3	Horizontal	306	1.91	-	101.93	32.20	5.85	34.61
PK	5.6506G	66.17	68.64	-2.47	3.23	3	Horizontal	306	1.91	-	62.94	32.04	5.78	34.59
PK	5.7622G	115.16	Inf	-Inf	3.47	3	Horizontal	306	1.91	-	111.69	32.22	5.86	34.61
PK	5.9374G	57.33	68.20	-10.87	3.82	3	Horizontal	306	1.91	-	53.50	32.50	5.99	34.66

802.11ac VHT40_Nss1,(MCS0)_4TX

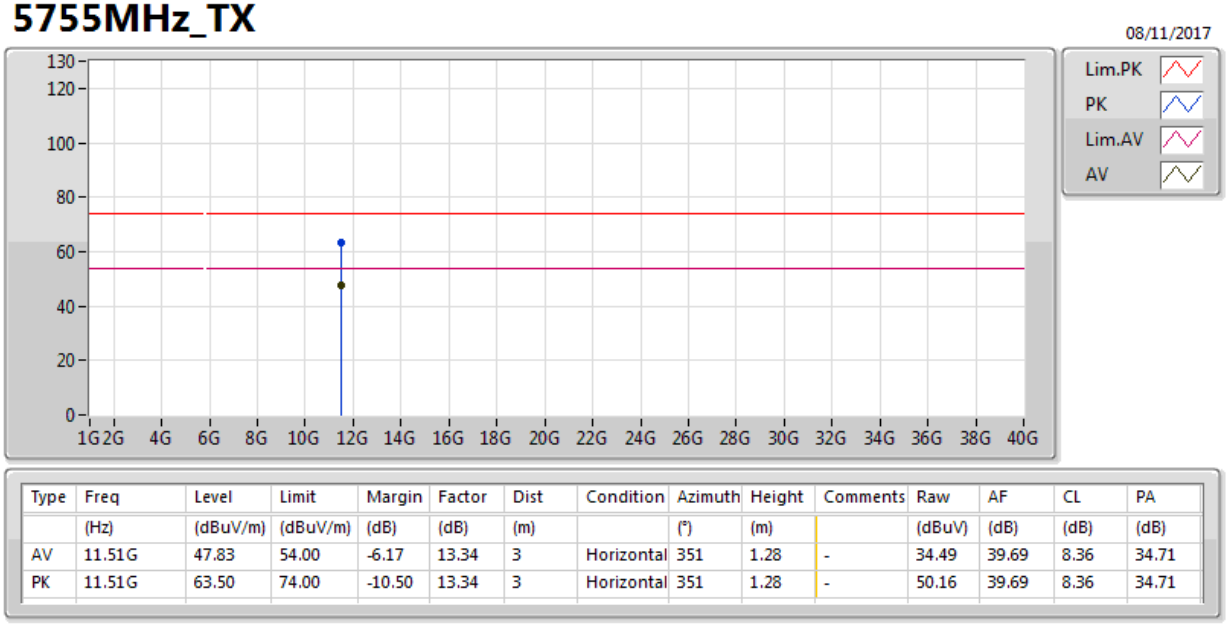
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51G	49.69	54.00	-4.31	13.34	3	Vertical	7	1.25	-	36.35	39.69	8.36	34.71
PK	11.51G	65.86	74.00	-8.14	13.34	3	Vertical	7	1.25	-	52.52	39.69	8.36	34.71

802.11ac VHT40_Nss1,(MCS0)_4TX

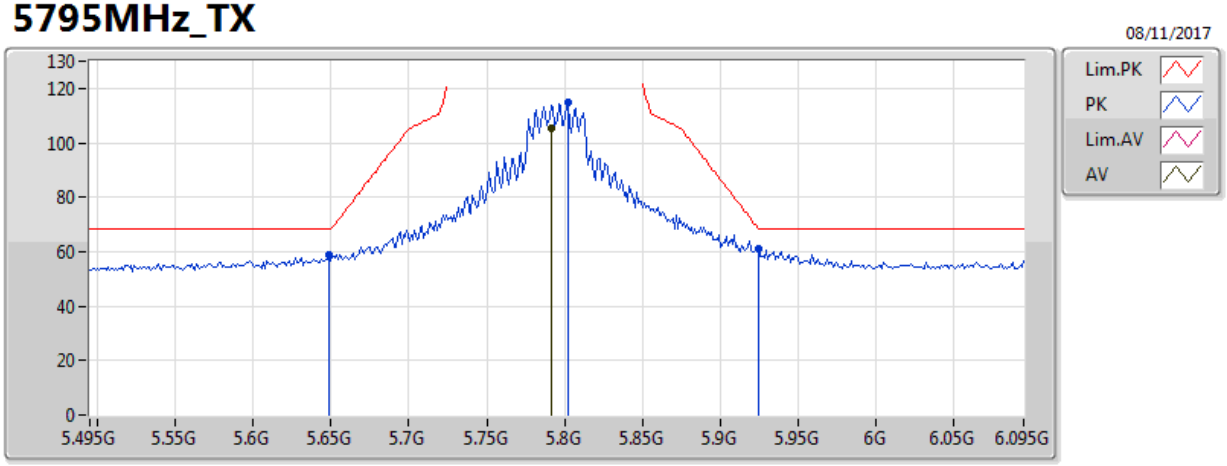
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51G	47.83	54.00	-6.17	13.34	3	Horizontal	351	1.28	-	34.49	39.69	8.36	34.71
PK	11.51G	63.50	74.00	-10.50	13.34	3	Horizontal	351	1.28	-	50.16	39.69	8.36	34.71

802.11ac VHT40_Nss1,(MCS0)_4TX

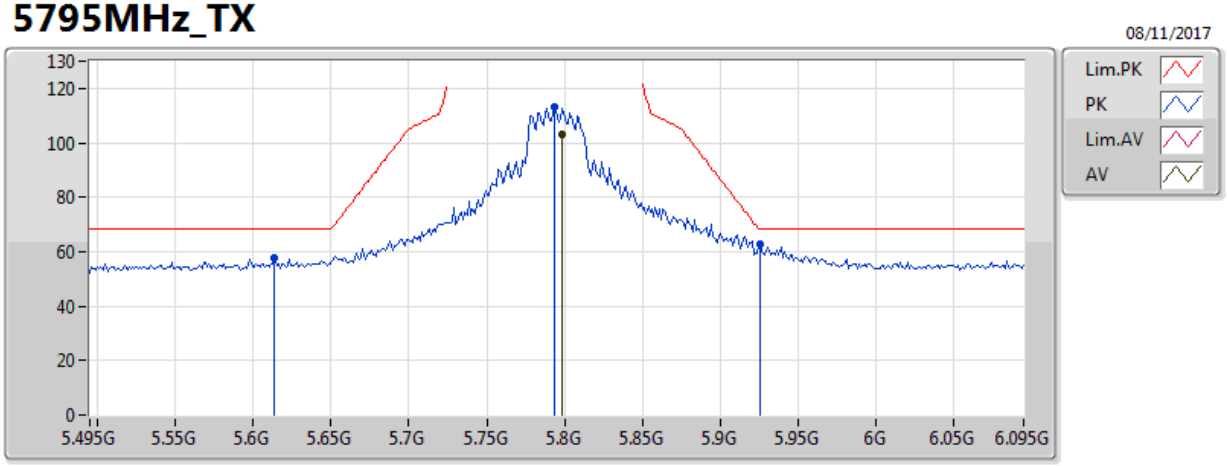
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7914G	105.44	Inf	-Inf	3.53	3	Vertical	357	1.40	-	101.91	32.27	5.88	34.62
PK	5.6486G	58.67	68.20	-9.53	3.23	3	Vertical	357	1.40	-	55.44	32.04	5.77	34.58
PK	5.8022G	114.99	Inf	-Inf	3.55	3	Vertical	357	1.40	-	111.43	32.28	5.89	34.62
PK	5.9246G	61.08	68.50	-7.42	3.80	3	Vertical	357	1.40	-	57.28	32.48	5.98	34.66

802.11ac VHT40_Nss1,(MCS0)_4TX

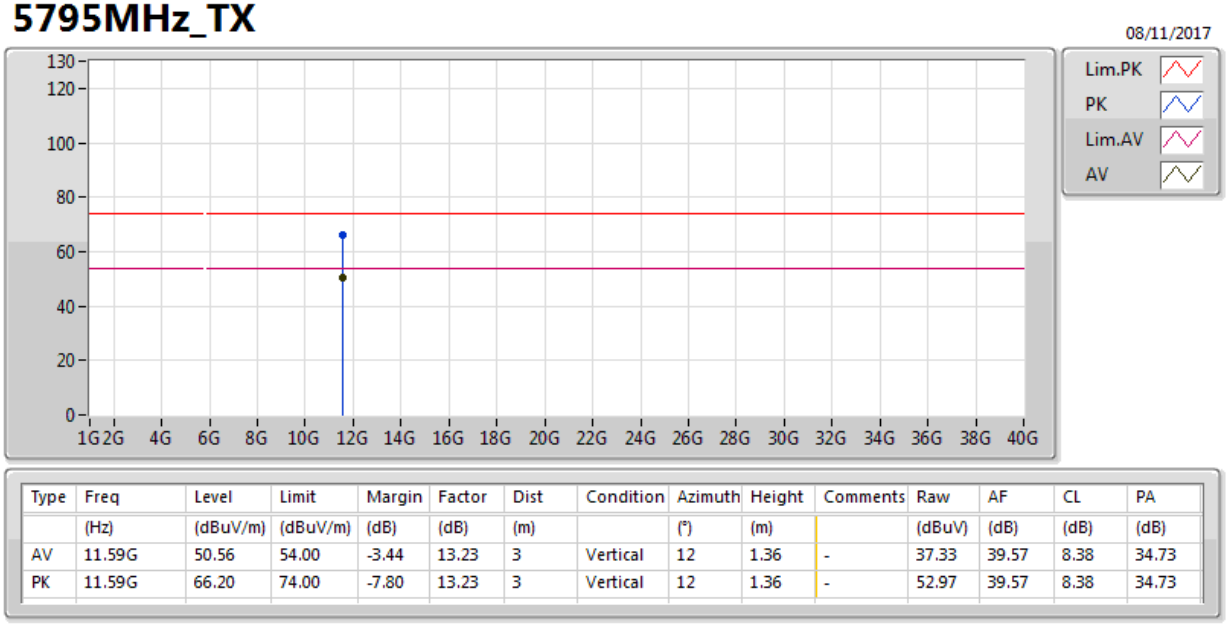
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7986G	103.37	Inf	-Inf	3.55	3	Horizontal	3	1.84	-	99.82	32.28	5.89	34.62
PK	5.6138G	57.94	68.20	-10.26	3.16	3	Horizontal	3	1.84	-	54.78	31.98	5.75	34.57
PK	5.7938G	113.31	Inf	-Inf	3.54	3	Horizontal	3	1.84	-	109.77	32.27	5.89	34.62
PK	5.9258G	62.71	68.20	-5.49	3.80	3	Horizontal	3	1.84	-	58.91	32.48	5.98	34.66

802.11ac VHT40_Nss1,(MCS0)_4TX

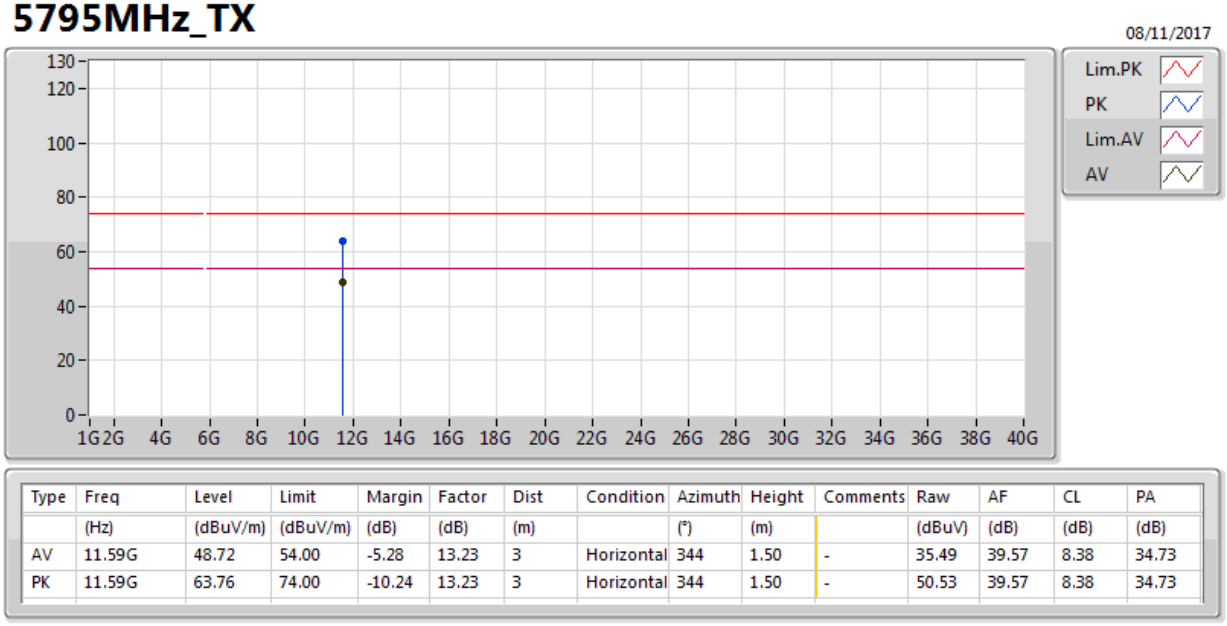
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59G	50.56	54.00	-3.44	13.23	3	Vertical	12	1.36	-	37.33	39.57	8.38	34.73
PK	11.59G	66.20	74.00	-7.80	13.23	3	Vertical	12	1.36	-	52.97	39.57	8.38	34.73

802.11ac VHT40_Nss1,(MCS0)_4TX

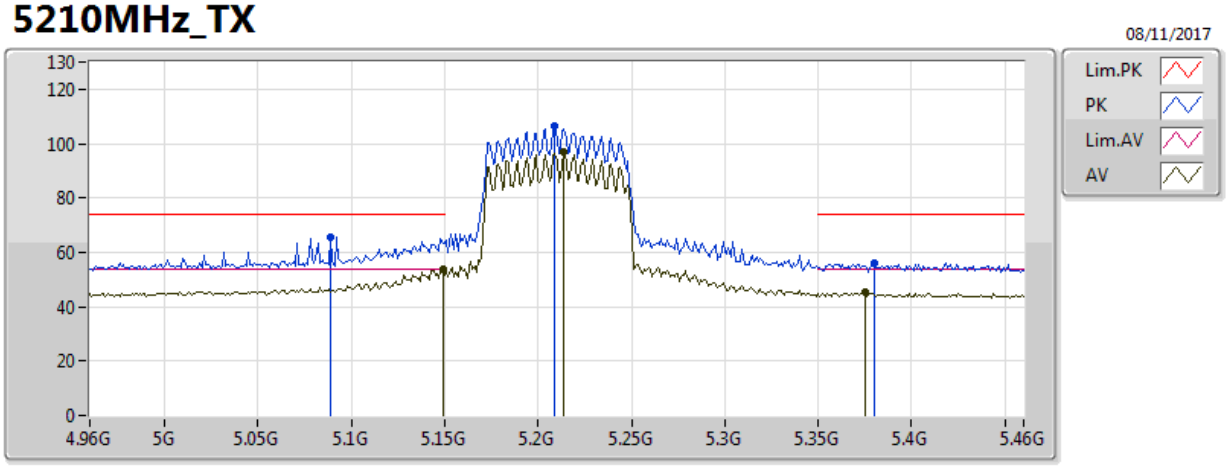
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59G	48.72	54.00	-5.28	13.23	3	Horizontal	344	1.50	-	35.49	39.57	8.38	34.73
PK	11.59G	63.76	74.00	-10.24	13.23	3	Horizontal	344	1.50	-	50.53	39.57	8.38	34.73

802.11ac VHT80_Nss1,(MCS0)_4TX

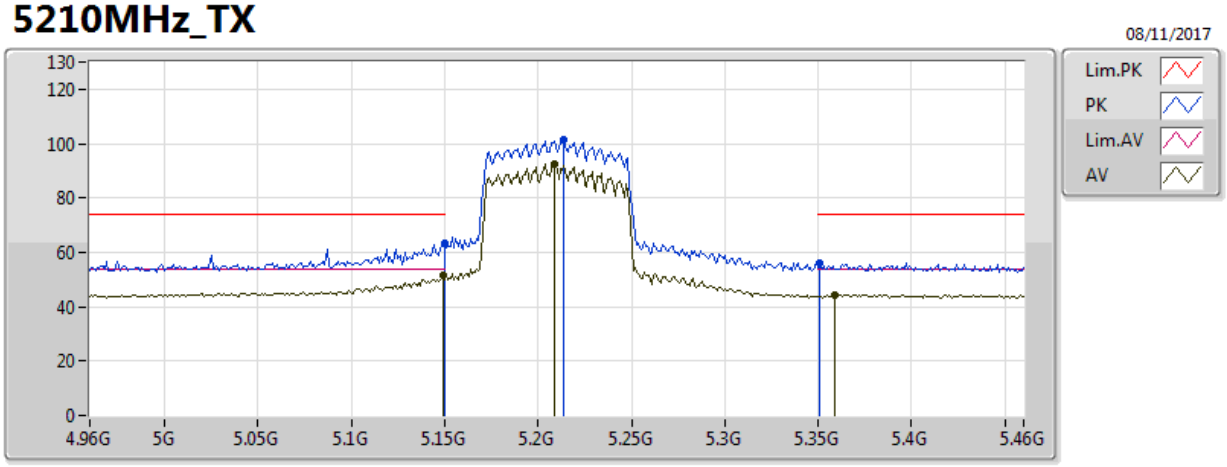
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149G	53.69	54.00	-0.31	2.73	3	Vertical	34	1.79	-	50.96	31.66	5.62	34.55
AV	5.214G	96.84	Inf	-Inf	2.77	3	Vertical	34	1.79	-	94.07	31.69	5.63	34.55
AV	5.375G	45.37	54.00	-8.63	2.87	3	Vertical	34	1.79	-	42.50	31.75	5.66	34.54
PK	5.089G	65.55	74.00	-8.45	2.69	3	Vertical	34	1.79	-	62.85	31.64	5.61	34.55
PK	5.209G	106.72	Inf	-Inf	2.77	3	Vertical	34	1.79	-	103.95	31.68	5.63	34.55
PK	5.38G	55.91	74.00	-18.09	2.87	3	Vertical	34	1.79	-	53.04	31.75	5.66	34.54

802.11ac VHT80_Nss1,(MCS0)_4TX

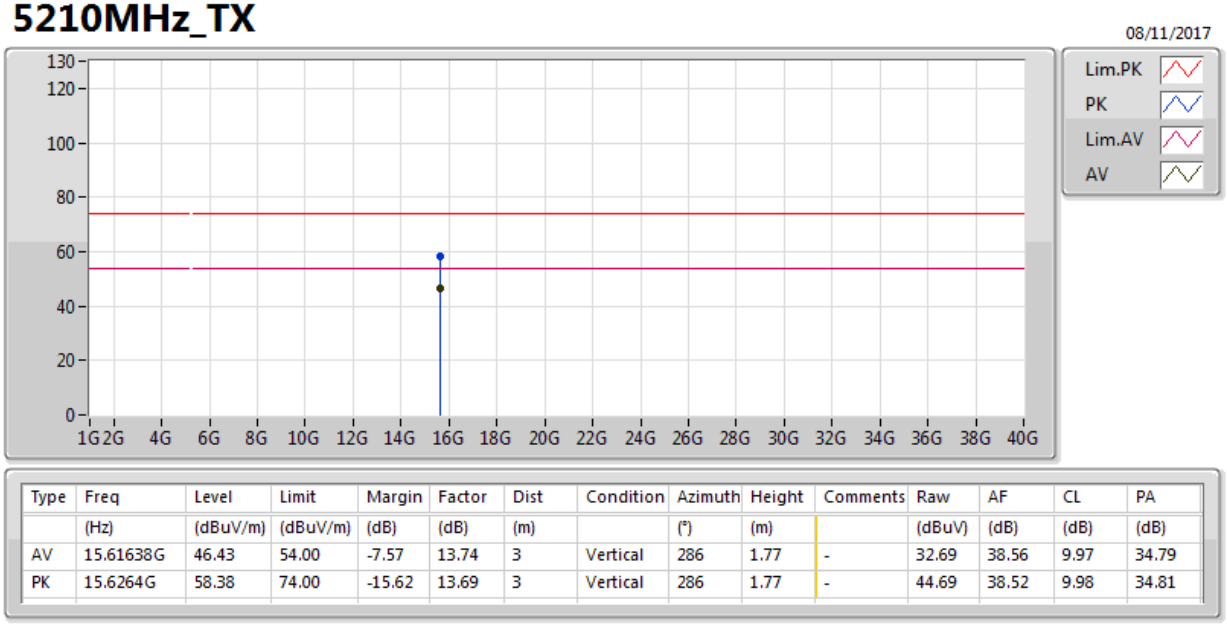
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149G	51.57	54.00	-2.43	2.73	3	Horizontal	20	1.73	-	48.84	31.66	5.62	34.55
AV	5.209G	92.42	Inf	-Inf	2.77	3	Horizontal	20	1.73	-	89.66	31.68	5.63	34.55
AV	5.359G	44.45	54.00	-9.55	2.86	3	Horizontal	20	1.73	-	41.59	31.74	5.65	34.54
PK	5.149995G	63.09	74.00	-10.91	2.73	3	Horizontal	20	1.73	-	60.36	31.66	5.62	34.55
PK	5.214G	101.28	Inf	-Inf	2.77	3	Horizontal	20	1.73	-	98.52	31.69	5.63	34.55
PK	5.351G	56.29	74.00	-17.71	2.85	3	Horizontal	20	1.73	-	53.44	31.74	5.65	34.54

802.11ac VHT80_Nss1,(MCS0)_4TX

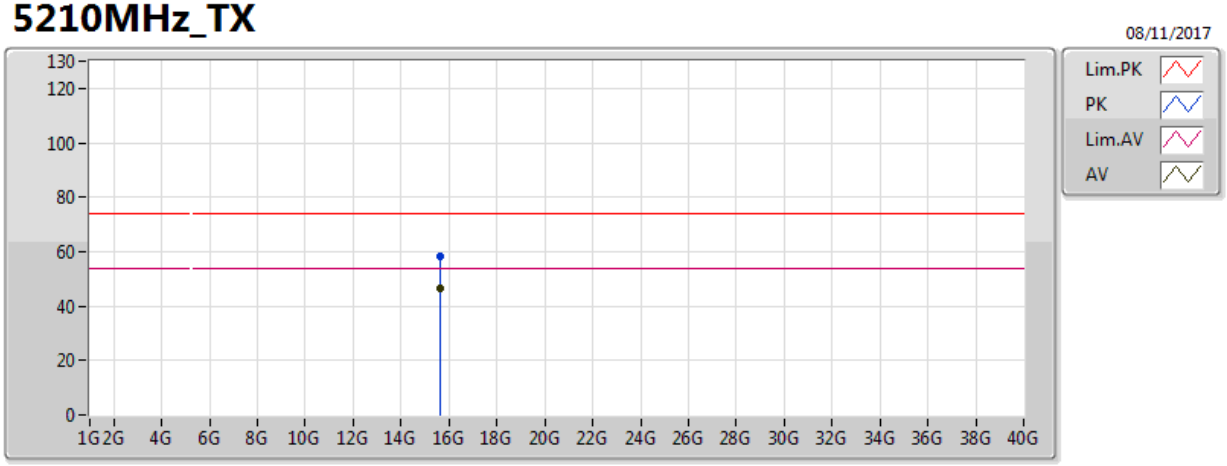
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.61638G	46.43	54.00	-7.57	13.74	3	Vertical	286	1.77	-	32.69	38.56	9.97	34.79
PK	15.6264G	58.38	74.00	-15.62	13.69	3	Vertical	286	1.77	-	44.69	38.52	9.98	34.81

802.11ac VHT80_Nss1,(MCS0)_4TX

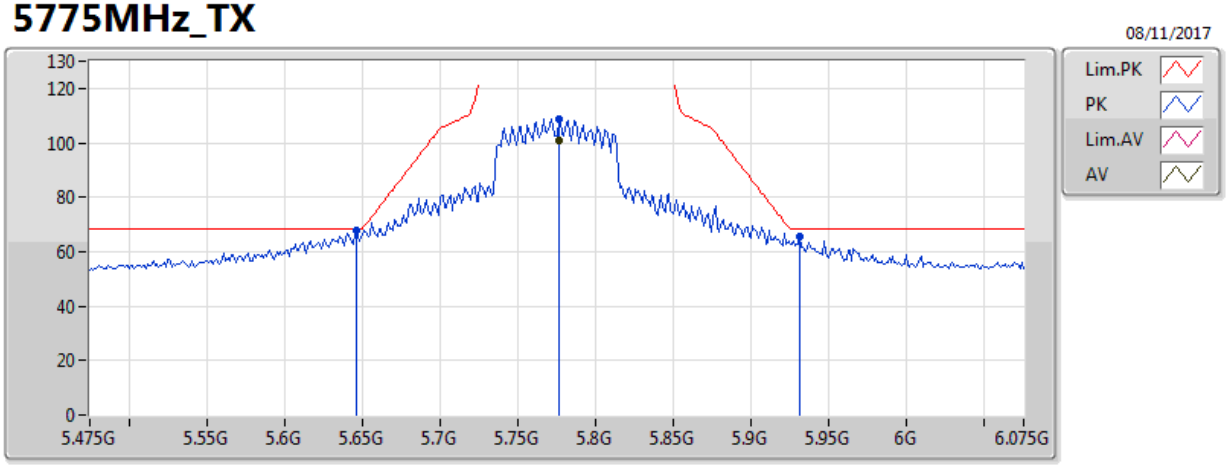
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.61896G	46.29	54.00	-7.71	13.73	3	Horizontal	37	1.39	-	32.56	38.55	9.97	34.80
PK	15.64488G	58.41	74.00	-15.59	13.60	3	Horizontal	37	1.39	-	44.81	38.45	9.98	34.83

802.11ac VHT80_Nss1,(MCS0)_4TX

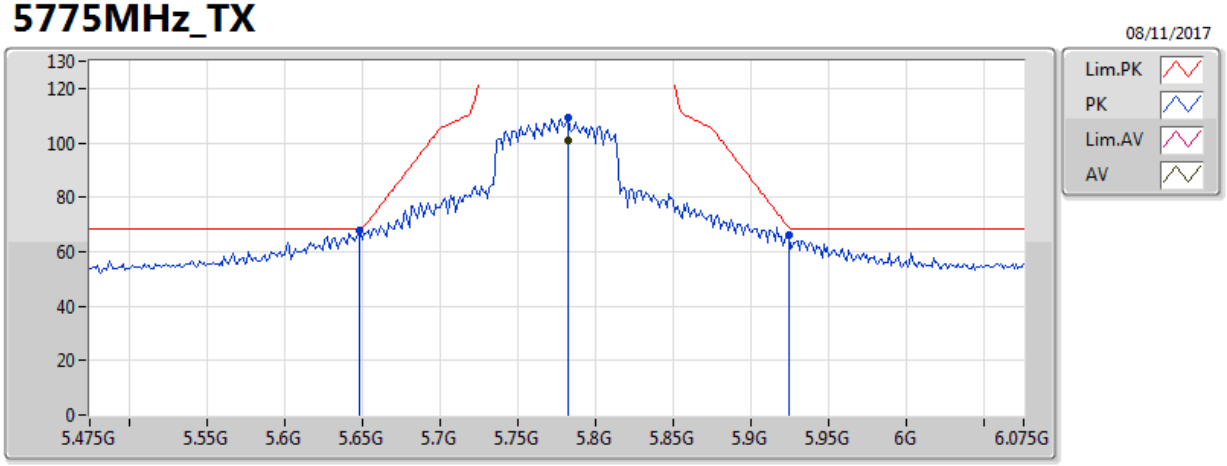
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7762G	100.93	Inf	-Inf	3.50	3	Vertical	354	1.50	-	97.43	32.24	5.87	34.62
PK	5.6466G	67.87	68.20	-0.33	3.22	3	Vertical	354	1.50	-	64.65	32.03	5.77	34.58
PK	5.7762G	108.97	Inf	-Inf	3.50	3	Vertical	354	1.50	-	105.47	32.24	5.87	34.62
PK	5.931G	65.55	68.20	-2.65	3.81	3	Vertical	354	1.50	-	61.74	32.49	5.98	34.66

802.11ac VHT80_Nss1,(MCS0)_4TX

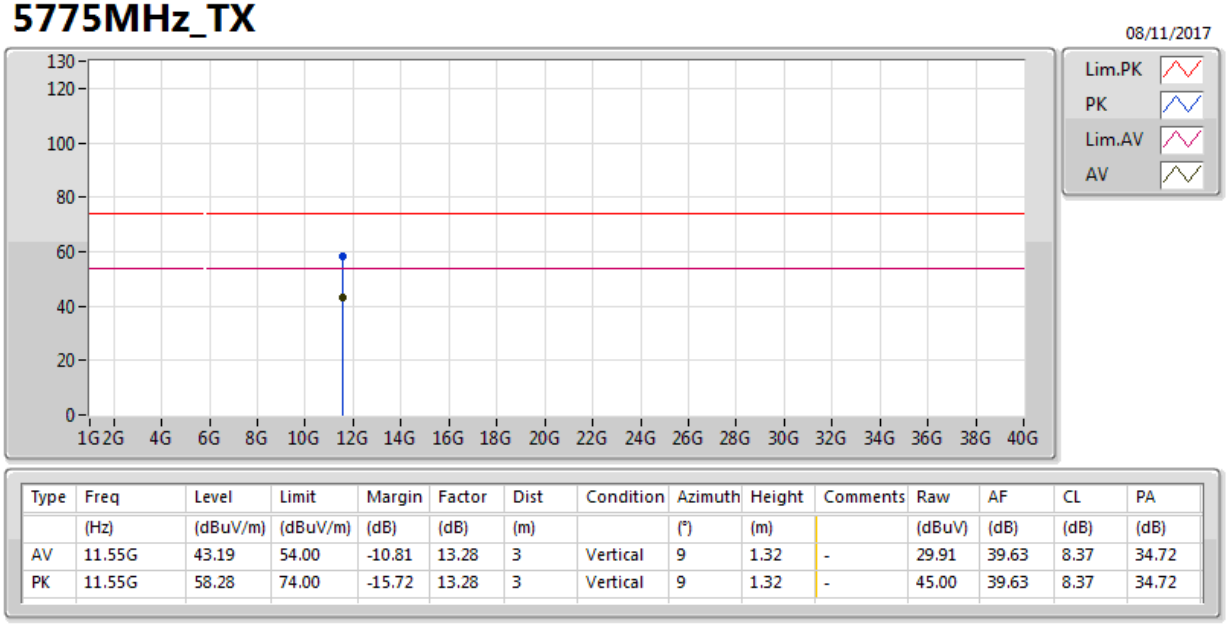
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7822G	100.82	Inf	-Inf	3.51	3	Horizontal	301	1.82	-	97.31	32.25	5.88	34.62
PK	5.6478G	67.79	68.20	-0.41	3.23	3	Horizontal	301	1.82	-	64.56	32.04	5.77	34.58
PK	5.7822G	109.29	Inf	-Inf	3.51	3	Horizontal	301	1.82	-	105.78	32.25	5.88	34.62
PK	5.9238G	66.11	69.09	-2.97	3.80	3	Horizontal	301	1.82	-	62.32	32.48	5.98	34.66

802.11ac VHT80_Nss1,(MCS0)_4TX

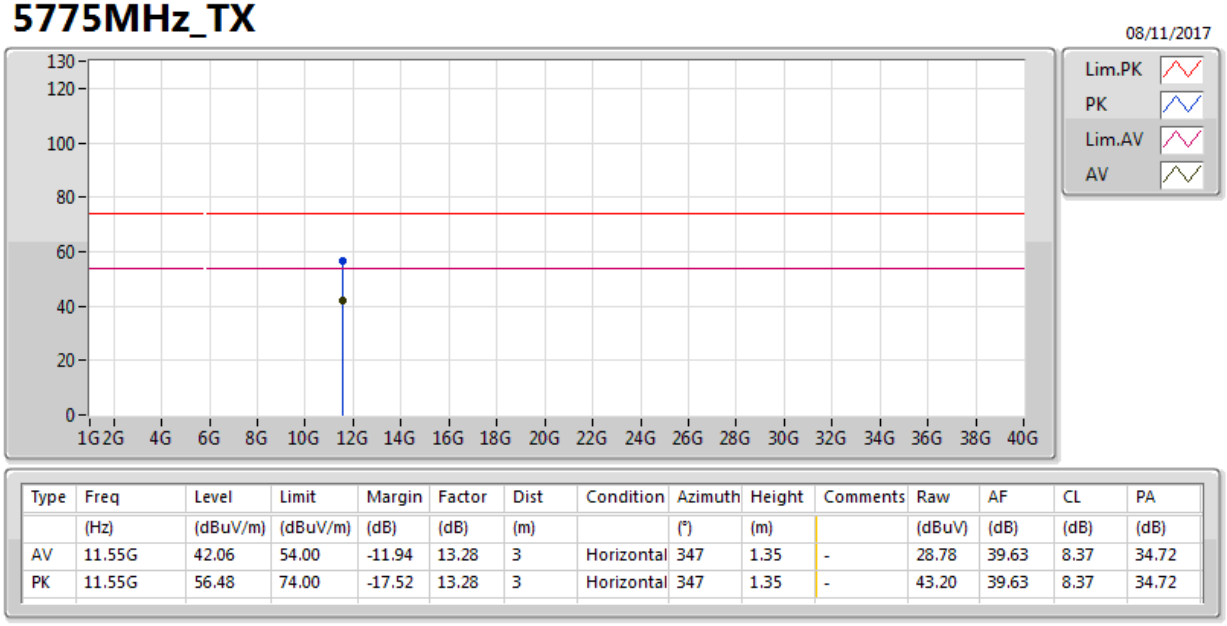
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	43.19	54.00	-10.81	13.28	3	Vertical	9	1.32	-	29.91	39.63	8.37	34.72
PK	11.55G	58.28	74.00	-15.72	13.28	3	Vertical	9	1.32	-	45.00	39.63	8.37	34.72

802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55G	42.06	54.00	-11.94	13.28	3	Horizontal	347	1.35	-	28.78	39.63	8.37	34.72
PK	11.55G	56.48	74.00	-17.52	13.28	3	Horizontal	347	1.35	-	43.20	39.63	8.37	34.72

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.725-5.85GHz	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	5.785G	5.78506635G	11.469	20	1	10 min

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-
5785MHz_-10°C	Pass	5.785G	5.78501526G	2.637	20	1	0 min
5785MHz_-10°C	Pass	5.785G	5.78501512G	2.613	20	1	2 min
5785MHz_-10°C	Pass	5.785G	5.78501508G	2.607	20	1	5 min
5785MHz_-10°C	Pass	5.785G	5.78501526G	2.638	20	1	10 min
5785MHz_0°C	Pass	5.785G	5.78500973G	1.683	20	1	0 min
5785MHz_0°C	Pass	5.785G	5.78500975G	1.685	20	1	2 min
5785MHz_0°C	Pass	5.785G	5.78500973G	1.682	20	1	5 min
5785MHz_0°C	Pass	5.785G	5.78500954G	1.65	20	1	10 min
5785MHz_10°C	Pass	5.785G	5.7849993G	0.121	20	1	0 min
5785MHz_10°C	Pass	5.785G	5.78499924G	0.132	20	1	2 min
5785MHz_10°C	Pass	5.785G	5.78499932G	0.118	20	1	5 min
5785MHz_10°C	Pass	5.785G	5.7849991G	0.156	20	1	10 min
5785MHz_20°C	Pass	5.785G	5.78499121G	1.519	20	1	0 min
5785MHz_20°C	Pass	5.785G	5.78499113G	1.533	20	1	2 min
5785MHz_20°C	Pass	5.785G	5.78499119G	1.524	20	1	5 min
5785MHz_20°C	Pass	5.785G	5.78499101G	1.554	20	1	10 min
5785MHz_30°C	Pass	5.785G	5.78498318G	2.908	20	1	0 min
5785MHz_30°C	Pass	5.785G	5.78498327G	2.891	20	1	2 min
5785MHz_30°C	Pass	5.785G	5.78498319G	2.906	20	1	5 min
5785MHz_30°C	Pass	5.785G	5.78498312G	2.918	20	1	10 min
5785MHz_40°C	Pass	5.785G	5.78498407G	2.754	20	1	0 min
5785MHz_40°C	Pass	5.785G	5.78498416G	2.738	20	1	2 min
5785MHz_40°C	Pass	5.785G	5.78498419G	2.732	20	1	5 min
5785MHz_40°C	Pass	5.785G	5.78498414G	2.742	20	1	10 min
5785MHz_50°C	Pass	5.785G	5.78499702G	0.516	20	1	0 min
5785MHz_50°C	Pass	5.785G	5.78499708G	0.504	20	1	2 min
5785MHz_50°C	Pass	5.785G	5.78499708G	0.504	20	1	5 min
5785MHz_50°C	Pass	5.785G	5.78499731G	0.466	20	1	10 min
5785MHz_60°C	Pass	5.785G	5.78501764G	3.05	20	1	0 min
5785MHz_60°C	Pass	5.785G	5.78501765G	3.052	20	1	2 min
5785MHz_60°C	Pass	5.785G	5.78501765G	3.051	20	1	5 min
5785MHz_60°C	Pass	5.785G	5.78501781G	3.078	20	1	10 min
5785MHz_70°C	Pass	5.785G	5.78506583G	11.379	20	1	0 min
5785MHz_70°C	Pass	5.785G	5.78506594G	11.398	20	1	2 min
5785MHz_70°C	Pass	5.785G	5.78506604G	11.416	20	1	5 min
5785MHz_70°C	Pass	5.785G	5.78506635G	11.469	20	1	10 min
5785MHz_138V	Pass	5.785G	5.78499063G	1.62	20	1	0 min
5785MHz_138V	Pass	5.785G	5.78499058G	1.629	20	1	2 min
5785MHz_138V	Pass	5.785G	5.78499066G	1.615	20	1	5 min
5785MHz_138V	Pass	5.785G	5.78499051G	1.641	20	1	10 min
5785MHz_120V	Pass	5.785G	5.78499179G	1.42	20	1	0 min
5785MHz_120V	Pass	5.785G	5.78499171G	1.432	20	1	2 min
5785MHz_120V	Pass	5.785G	5.78499158G	1.455	20	1	5 min

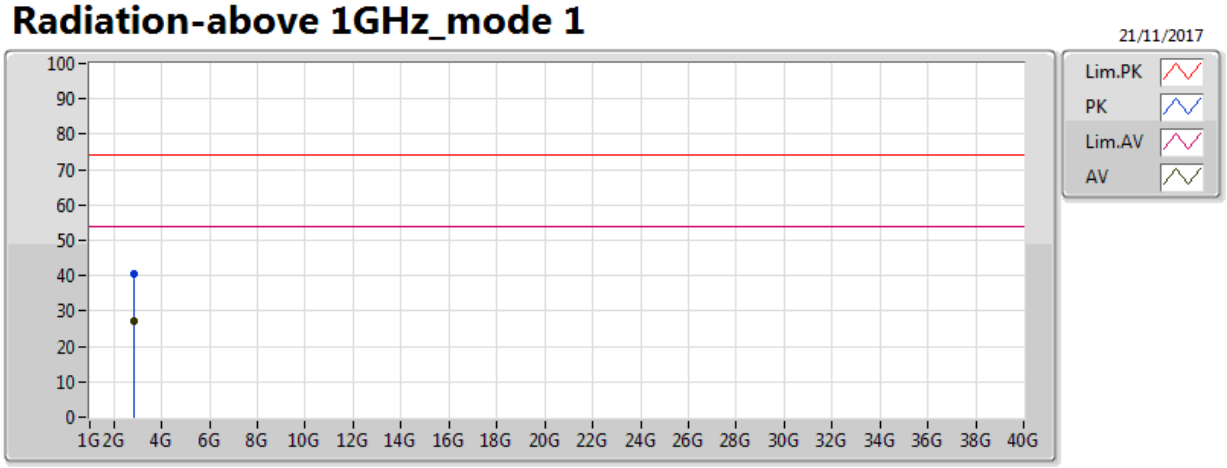
Frequency Stability Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5785MHz_120V	Pass	5.785G	5.78499158G	1.455	20	1	10 min
5785MHz_102V	Pass	5.785G	5.78499248G	1.299	20	1	0 min
5785MHz_102V	Pass	5.785G	5.78499237G	1.319	20	1	2 min
5785MHz_102V	Pass	5.785G	5.78499219G	1.349	20	1	5 min
5785MHz_102V	Pass	5.785G	5.78499225G	1.339	20	1	10 min

Summary

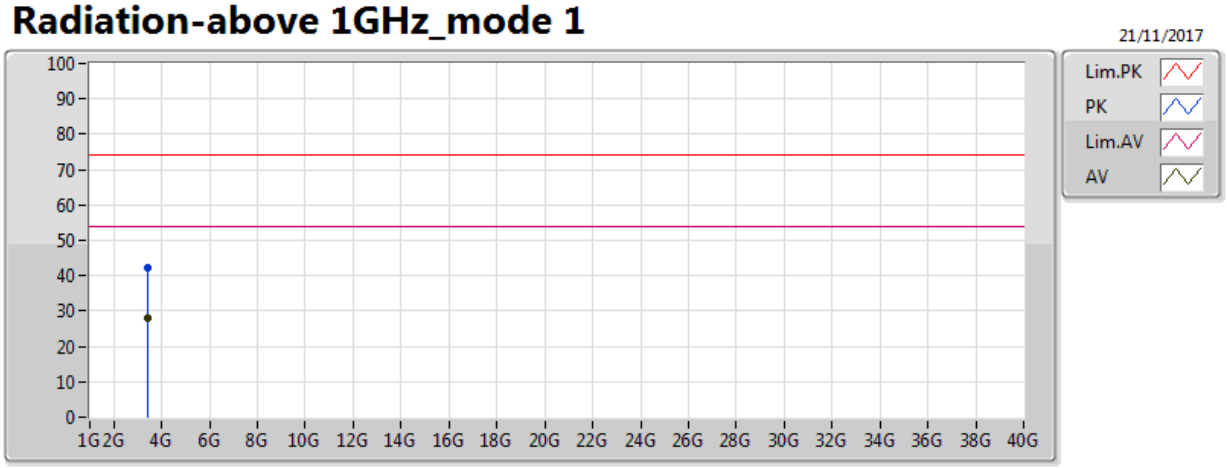
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
mode 1	Pass	AV	3.405G	28.13	54.00	-25.87	-1.77	3	Horizontal	0	1.00	-
mode 2	Pass	AV	3.442G	28.22	54.00	-25.78	-1.73	3	Horizontal	0	1.00	-

Radiation-above 1GHz_mode 1



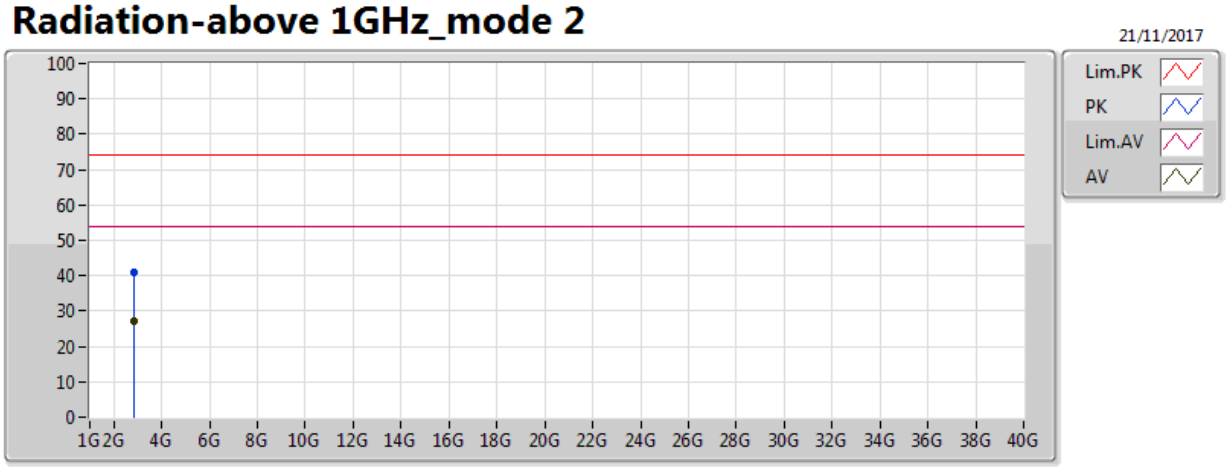
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.852G	27.23	54.00	-26.77	-2.62	3	Vertical	360	1.00	-	29.85	28.13	3.96	34.71
PK	2.852G	40.61	74.00	-33.39	-2.62	3	Vertical	360	1.00	-	43.23	28.13	3.96	34.71

Radiation-above 1GHz_mode 1



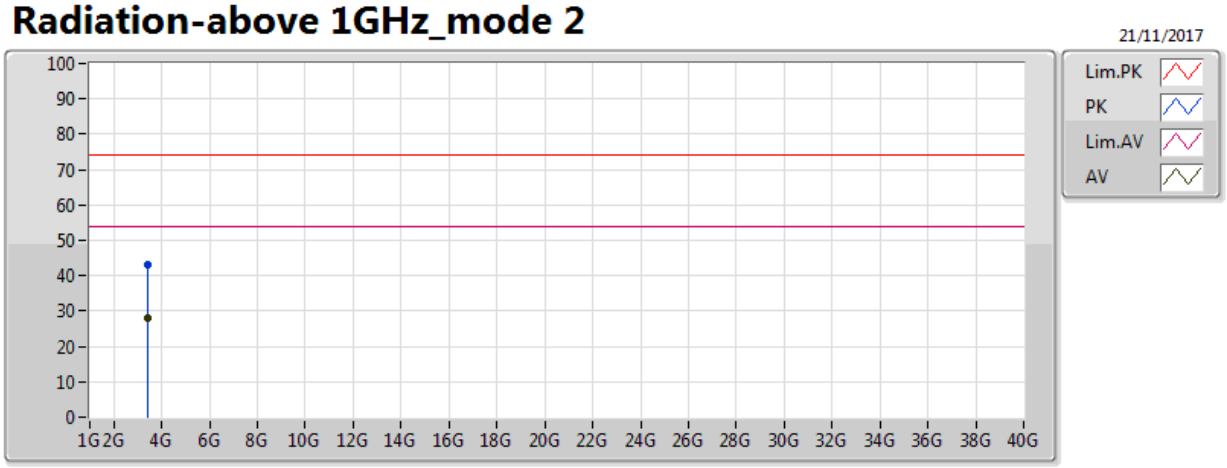
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.405G	28.13	54.00	-25.87	-1.77	3	Horizontal	0	1.00	-	29.90	28.48	4.45	34.70
PK	3.405G	42.18	74.00	-31.82	-1.77	3	Horizontal	0	1.00	-	43.95	28.48	4.45	34.70

Radiation-above 1GHz_mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.855G	27.19	54.00	-26.81	-2.61	3	Vertical	360	1.00	-	29.80	28.14	3.96	34.71
PK	2.855G	40.79	74.00	-33.21	-2.61	3	Vertical	360	1.00	-	43.40	28.14	3.96	34.71

Radiation-above 1GHz_mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.442G	28.22	54.00	-25.78	-1.73	3	Horizontal	0	1.00	-	29.95	28.49	4.48	34.70
PK	3.442G	42.97	74.00	-31.03	-1.73	3	Horizontal	0	1.00	-	44.70	28.49	4.48	34.70