Testing Laboratory 1190

FCC Test Report

FCC ID	:	2AEUPBHALP021
Equipment	:	Wi-Fi enabled Video Doorbell
Brand Name	:	RING
Model Name	:	Video Doorbell Pro
Applicant	:	Ring, Inc 1523 26th St, Santa Monica, CA 90404, USA
Manufacturer	:	Chicony Electronics (Dong Guan) Co.,Ltd. San Zhong Guan Li Qu, Qingxi Town, Dongguan City Guangdong 523651 China
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 24, 2018, and testing was started from May 01, 2018 and completed on May 08, 2018. We, SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory, 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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

Approved by: Allen Lin

SPORTON INTERTIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR842412AN	01	Initial issue of report	May 25, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Reviewed by: Sam Tsai

Report Producer: Jackson Tsai

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)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.15-5.25GHz	802.11n HT20	20	1TX
5.725-5.85GHz	802.11n HT20	20	1TX
5.15-5.25GHz	802.11n HT40	40	1TX
5.725-5.85GHz	802.11n HT40	40	1TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	-	Ring Wifi Antenna	PIFA Antenna	Fixed on board

2.4G		5G		BT	
Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
2412	1.37	5180	1.4	2402	1.37
2417	1.37	5200	1.4	2440 / 2441	1.08
2422	1.37	5240	2.5	2480	1.09
2427	1.08	5190	1.4	-	-
2432	1.08	5230	2.5	-	-
2437	1.08	5745	3.12	-	-
2442	1.08	5785	2.65	-	-
2447	1.08	5825	1.67	-	-
2452	1.08	5755	3.12	-	-
2457	1.08	5795	2.65	-	-
2462	1.08	-	-	-	-

For 2.4 GHz function:
For IEEE 802.11b/g/n mode (1TX/1RX)
Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.
For 5 GHz function:
For IEEE 802.11a/n mode (1TX/1RX)
Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.
For Bluetooth function:
For Bluetooth mode (1TX/1RX)
Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Battery / Transformer			
EUT Function	☐	Outdoor	☐	Indoor
	☐	Fixed P2P	☒	Client
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	0.956	0.195	2.069m	1k
802.11n HT20	0.952	0.214	1.925m	1k
802.11n HT40	0.898	0.467	950u	3k

1.1.5 Table for Multiple Listing

Difference	Description
SKU #1	The sample is the same one, only the color is different.
SKU #2	
SKU #3	
SKU #4	
Note. For more detailed features description, please refer to the specifications or user's manual.	

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 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
AC Conduction	CO04-HY	Daniel	22.8°C / 53%	02/May/2018
RF Conducted	TH07-HY	Andy	22.5°C / 63%	08/May/2018
Radiated	03CH09-HY	Jerry	23.5°C / 55%	02/May/2018

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 (9kHz ~ 30MHz)	3.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 °C	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
	Vnom	120V

2.2 Test Channel Mode

Test Software	DoS

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5180MHz	68
5200MHz	68
5240MHz	68
5745MHz	68
5785MHz	68
5825MHz	68
802.11n HT20_Nss1,(MCS0)_1TX	-
5180MHz	68
5200MHz	68
5240MHz	68
5745MHz	68
5785MHz	68
5825MHz	68
802.11n HT40_Nss1,(MCS0)_1TX	-
5190MHz	58
5230MHz	68
5755MHz	68
5795MHz	68

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	AC mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
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	AC mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

2.4 Accessories

Accessories				
Battery	Brand Name	Fuji	Model Name	334060
	Power Rating	3.8 Vdc, 300 mAh	Type	Li-ion

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

2.5 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	Transformer	TRIAD	VPL24-1100	DoC

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

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Transformer	TRIAD	VPL24-1100	-

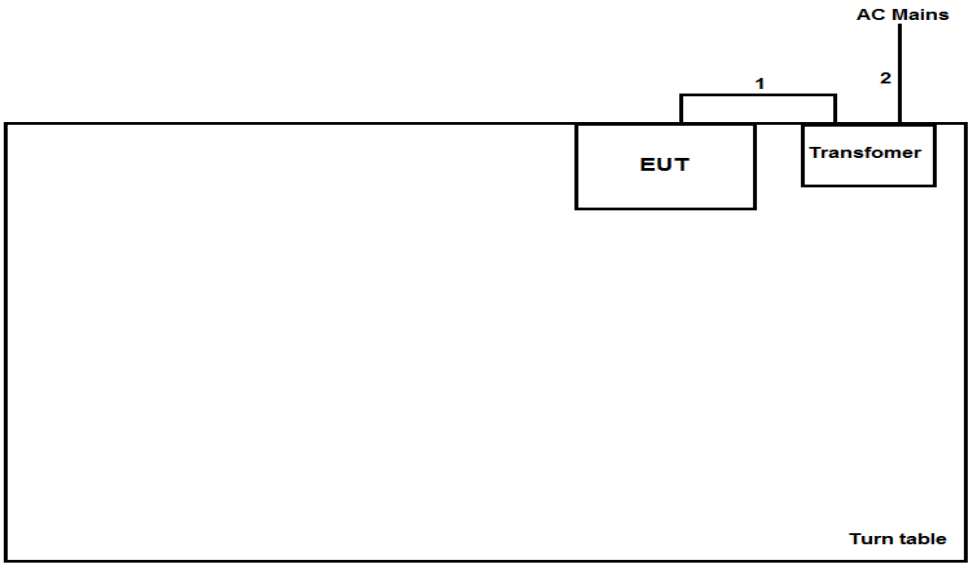
Note: Support equipment No.1 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Transformer	TRIAD	VPL24-1100	-

Note: Support equipment No.1 was provided by customer.

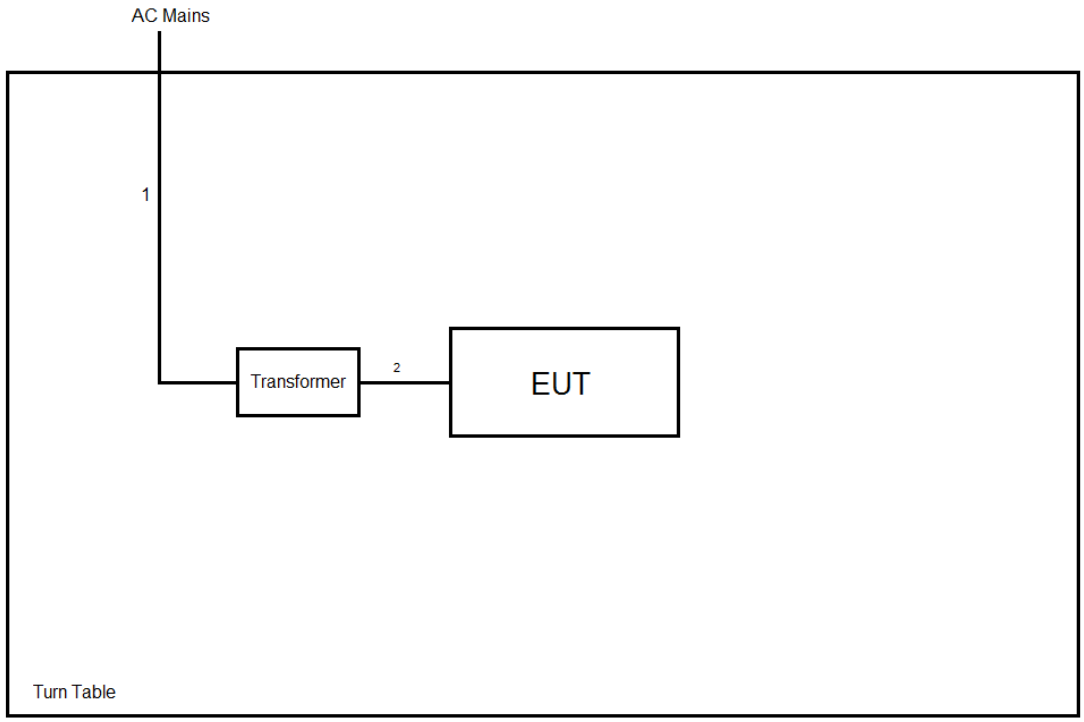
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	0.15m	-
2	AC Power line	No	1.8m	-

Test Setup Diagram – Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power line	No	1.8m	-
2	DC Power line	No	0.15m	-

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

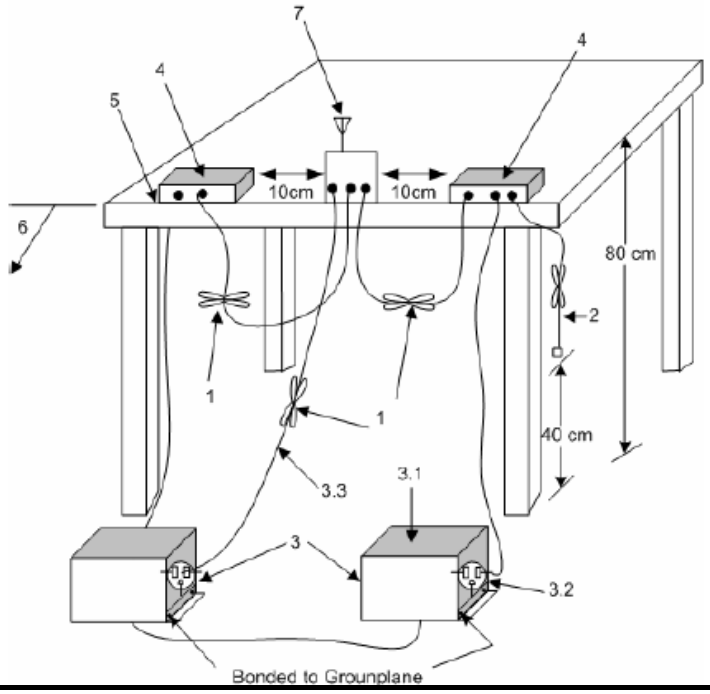
Refer a test equipment and calibration data table in this test report.

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.

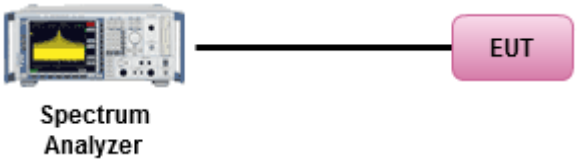
3.2.2 Measuring Instruments

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 6.7 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

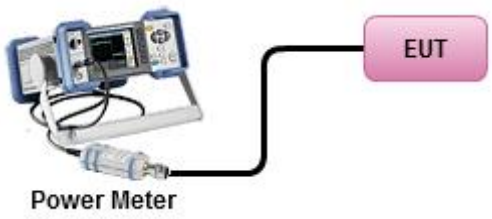
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

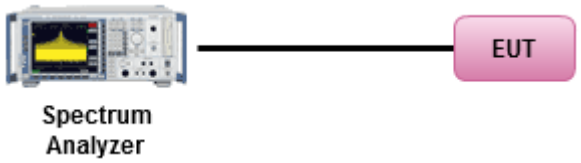
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.
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.

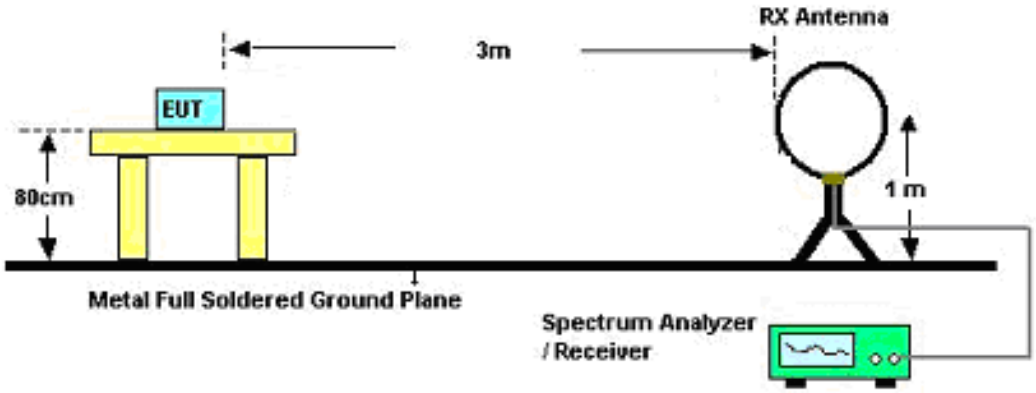
3.5.3 Test Procedures

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.		

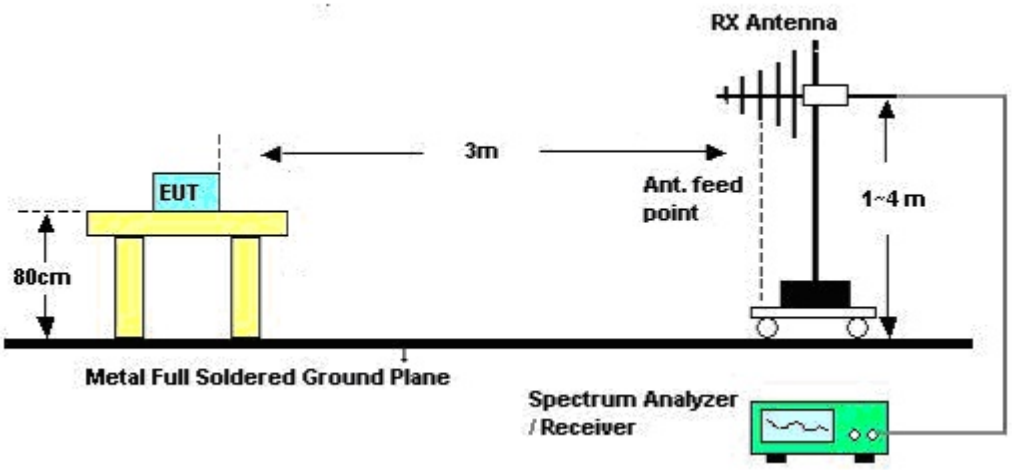
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

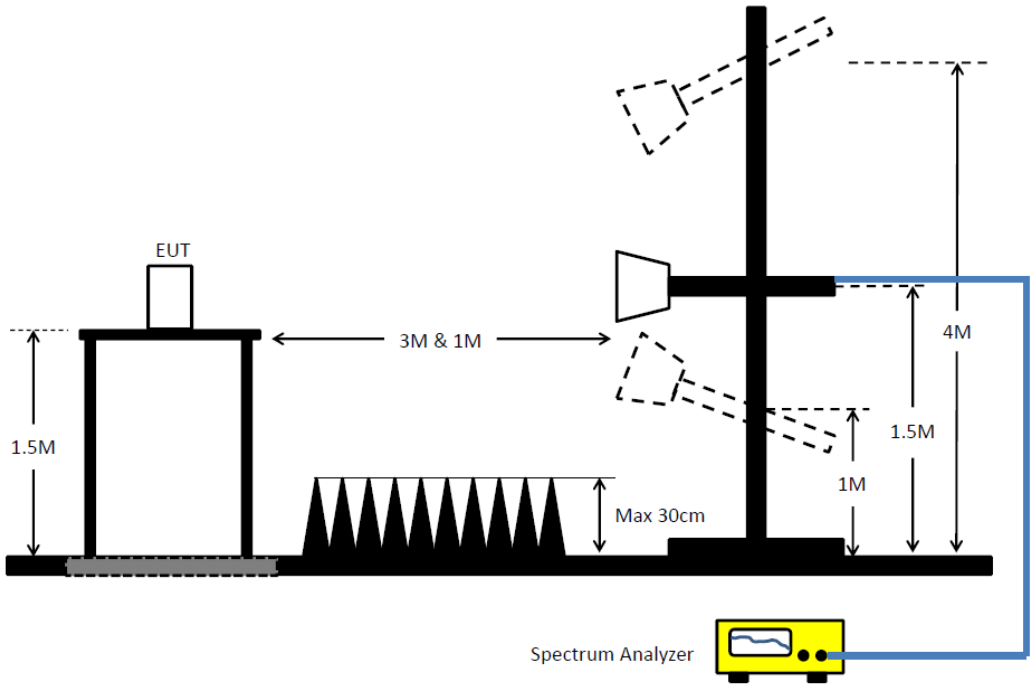
9kHz ~30MHz



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 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	Rohde & Schwarz	ESCS 30	838251/003	9 kHz ~ 2.75 GHz	13/Jun/2017	12/Jun/2018
LISN	R&S	ENV216	101295	9 kHz ~ 30 MHz	17/Nov/2017	16/Nov/2018
RF Cable-CON	HUBER+SUHNER	RG213/U	07611832020001	9 kHz ~ 30 MHz	06/Oct/2017	05/Oct/2018
AC POWER	APC	AFC-11005G	F310050055	47 Hz ~ 63 Hz 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

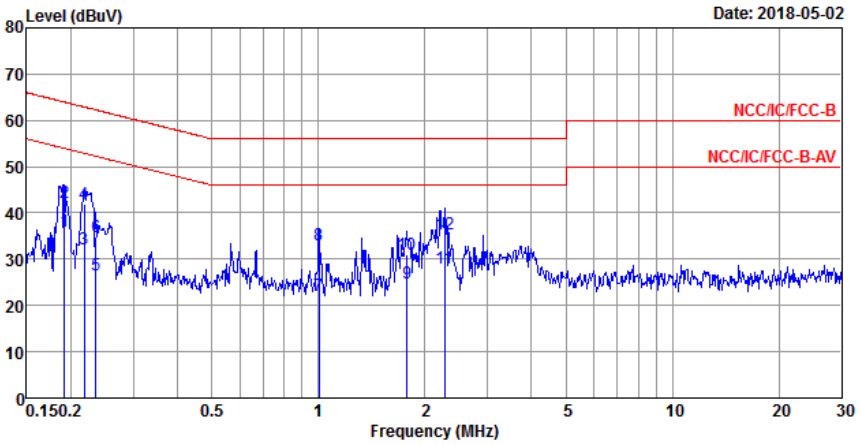
Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30 MHz ~ 1 GHz	23/Apr/2018	22/Apr/2019
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1 GHz ~ 18 GHz	20/Jun/2017	19/Jun/2018
Microwave Preamplifier	Agilent	8449B	3008A02326	1 GHz ~ 26.5 GHz	17/Jul/2017	16/Jul/2018
Amplifier	EMC	EMC9135	980232	9 kHz ~ 1 GHz	27/Apr/2018	26/Apr/2019
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10 Hz ~ 44 GHz	20/Jul/2017	19/Jul/2018
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D & MTJ6102-05	35418 / 3	30 MHz ~ 1 GHz	09/Sep/2017	08/Sep/2018
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1 GHz ~ 18 GHz	30/Apr/2018	29/Apr/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170614	18 GHz ~ 40 GHz	09/Feb/2018	08/Feb/2019
Preamplifier	MITEQ	TTA1840-35-H G	1864481	18 GHz ~ 40 GHz	24/Aug/2017	23/Aug/2018
Loop Antenna	TESEQ	HLA 6120	31244	9k – 30 MHz	29/Mar/2018	28/Mar/2019
RF Cable-R03m	Jye Bao	RG142	CB031	9 kHz ~ 1 GHz	02/Feb/2018	01/Feb/2019
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1 GHz ~ 40 GHz	02/Feb/2018	01/Feb/2019

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101515	9 kHz ~ 40 GHz	08/Dec/2017	07/Dec/2018
Power Sensor	Anritsu	MA2411B	1339407	300 MHz ~ 40 GHz	10/May/2017	09/May/2018
Power Meter	Anritsu	ML2495A	1517010	300 MHz ~ 40 GHz	06/Nov/2017	05/Nov/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10710/4	30 MHz ~ 26.5 GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30 MHz ~ 26.5 GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30 MHz ~ 26.5 GHz	25/Aug/2017	24/Aug/2018
Signal Generator	R&S	SMR40	100116	10 MHz ~ 40 GHz	27/Jul/2017	26/Jul/2018

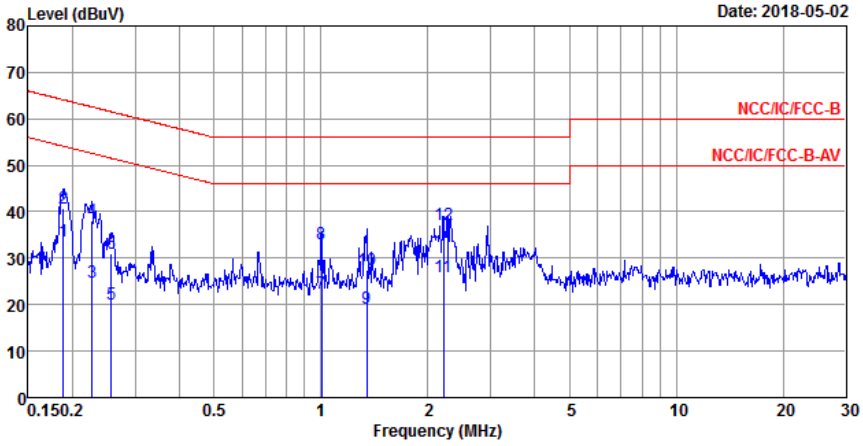
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	AC mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	36.01	-17.97	53.98	26.38	9.62	0.01	Average
2	0.19	42.30	-21.68	63.98	32.67	9.62	0.01	QP
3	0.22	32.04	-20.84	52.88	22.41	9.62	0.01	Average
4	0.22	42.05	-20.83	62.88	32.42	9.62	0.01	QP
5	0.24	26.63	-25.63	52.26	16.99	9.62	0.02	Average
6	0.24	34.94	-27.32	62.26	25.30	9.62	0.02	QP
7	1.00	22.18	-23.82	46.00	12.56	9.62	0.00	Average
8	1.00	33.20	-22.80	56.00	23.58	9.62	0.00	QP
9	1.78	24.85	-21.15	46.00	15.22	9.63	0.00	Average
10	1.78	31.03	-24.97	56.00	21.40	9.63	0.00	QP
11 MAX	2.27	28.17	-17.83	46.00	18.52	9.63	0.02	Average
12	2.27	35.40	-20.60	56.00	25.75	9.63	0.02	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	AC mode		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.19	33.78	-20.33	54.11	24.15	9.62	0.01	Average
2	0.19	40.60	-23.51	64.11	30.97	9.62	0.01	QP
3	0.23	24.94	-27.63	52.57	15.30	9.62	0.02	Average
4	0.23	38.21	-24.36	62.57	28.57	9.62	0.02	QP
5	0.26	20.09	-31.42	51.51	10.43	9.62	0.04	Average
6	0.26	30.88	-30.63	61.51	21.22	9.62	0.04	QP
7	1.00	22.36	-23.64	46.00	12.75	9.61	0.00	Average
8	1.00	33.07	-22.93	56.00	23.46	9.61	0.00	QP
9	1.34	19.30	-26.70	46.00	9.69	9.61	0.00	Average
10	1.34	27.43	-28.57	56.00	17.82	9.61	0.00	QP
11	2.21	25.86	-20.14	46.00	16.23	9.62	0.01	Average
12 MAX	2.21	37.14	-18.86	56.00	27.51	9.62	0.01	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)_1TX	39.05M	18.141M	18M1D1D	37.8M	17.391M
802.11n HT20_Nss1,(MCS0)_1TX	40.85M	18.291M	18M3D1D	39.8M	17.941M
802.11n HT40_Nss1,(MCS0)_1TX	82.4M	37.081M	37M1D1D	65.55M	36.082M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.075M	17.166M	17M2D1D	13.8M	16.892M
802.11n HT20_Nss1,(MCS0)_1TX	15.075M	17.991M	18M0D1D	13M	17.791M
802.11n HT40_Nss1,(MCS0)_1TX	32.55M	39.73M	39M7D1D	32.4M	37.131M

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

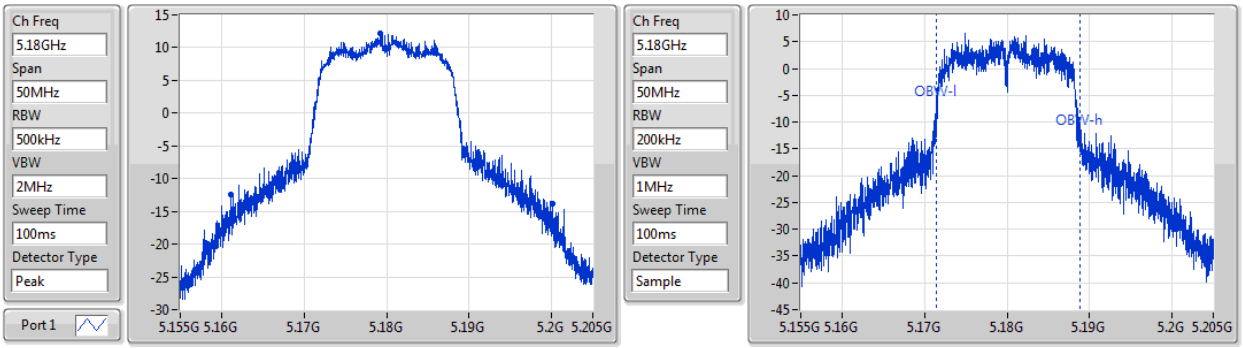
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	39.05M	17.391M
5200MHz_TnomVnom	Pass	Inf	37.8M	17.616M
5240MHz_TnomVnom	Pass	Inf	38.925M	18.141M
5745MHz_TnomVnom	Pass	500k	13.8M	17.166M
5785MHz_TnomVnom	Pass	500k	15M	16.892M
5825MHz_TnomVnom	Pass	500k	15.075M	16.892M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	Inf	39.8M	17.941M
5200MHz_TnomVnom	Pass	Inf	39.85M	17.966M
5240MHz_TnomVnom	Pass	Inf	40.85M	18.291M
5745MHz_TnomVnom	Pass	500k	13M	17.991M
5785MHz_TnomVnom	Pass	500k	15.075M	17.791M
5825MHz_TnomVnom	Pass	500k	14.95M	17.816M
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz_TnomVnom	Pass	Inf	65.55M	36.082M
5230MHz_TnomVnom	Pass	Inf	82.4M	37.081M
5755MHz_TnomVnom	Pass	500k	32.4M	39.73M
5795MHz_TnomVnom	Pass	500k	32.55M	37.131M

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

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

5180MHz

08/05/2018

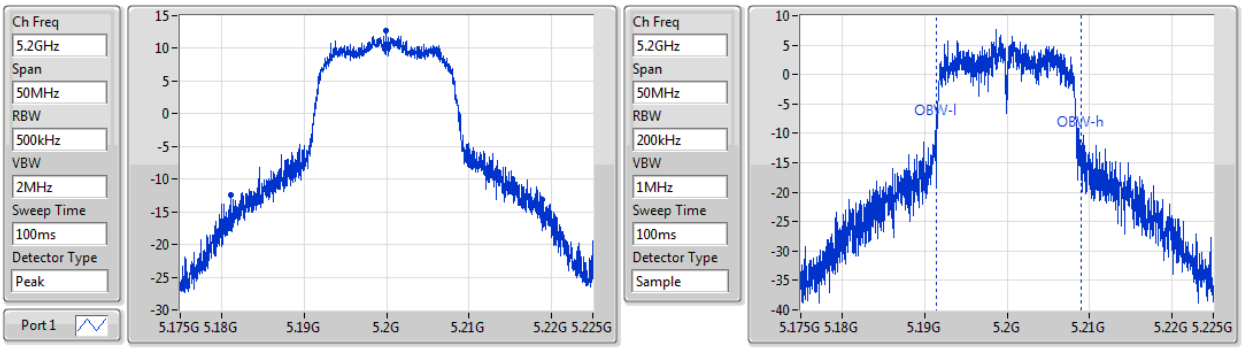


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.161125G	5.200175G	17.391M	5.171429G	5.188821G	Inf	1

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

5200MHz

08/05/2018

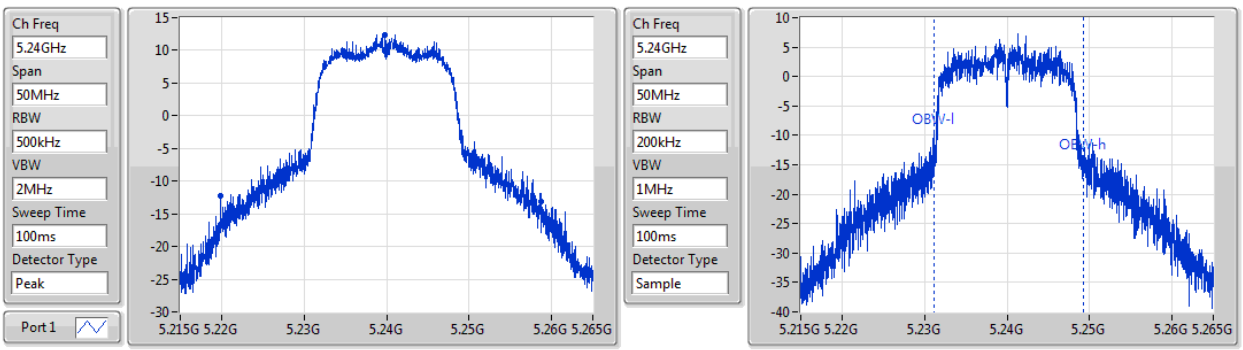


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.1811G	5.2189G	17.616M	5.191429G	5.209045G	Inf	1

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

5240MHz

08/05/2018

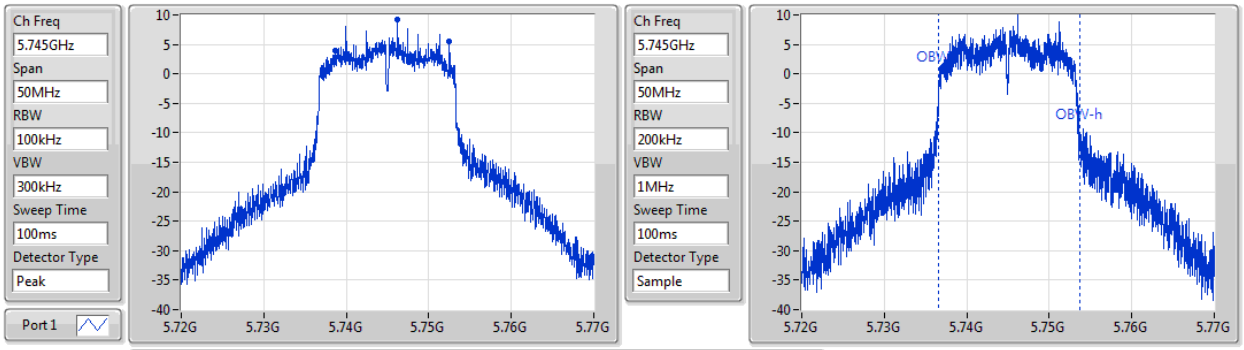


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.925M	5.21985G	5.258775G	18.141M	5.231179G	5.24932G	Inf	1

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

5745MHz

08/05/2018

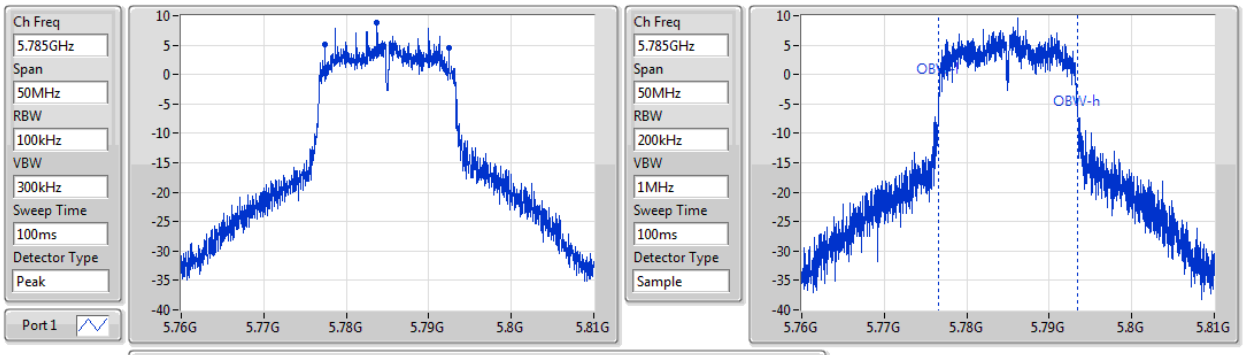


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	5.7387G	5.7525G	17.166M	5.736579G	5.753746G	500k	1

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

5785MHz

08/05/2018

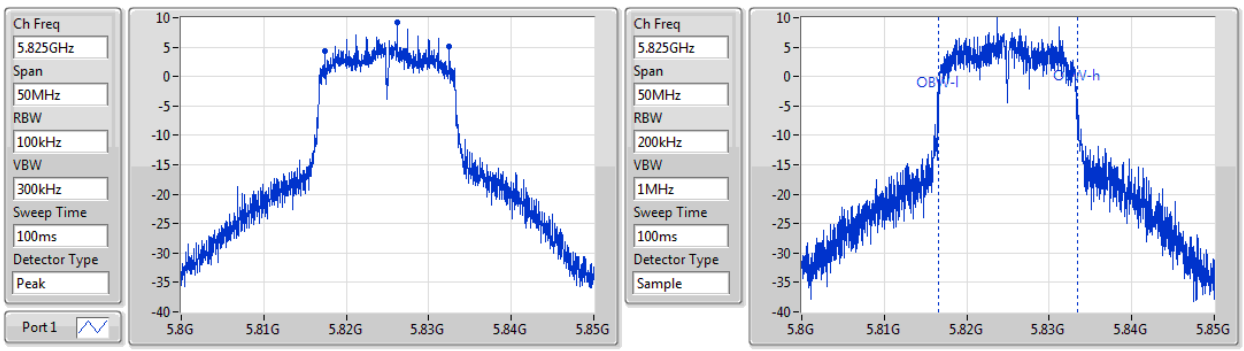


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	5.77745G	5.79245G	16.892M	5.776604G	5.793496G	500k	1

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

5825MHz

08/05/2018

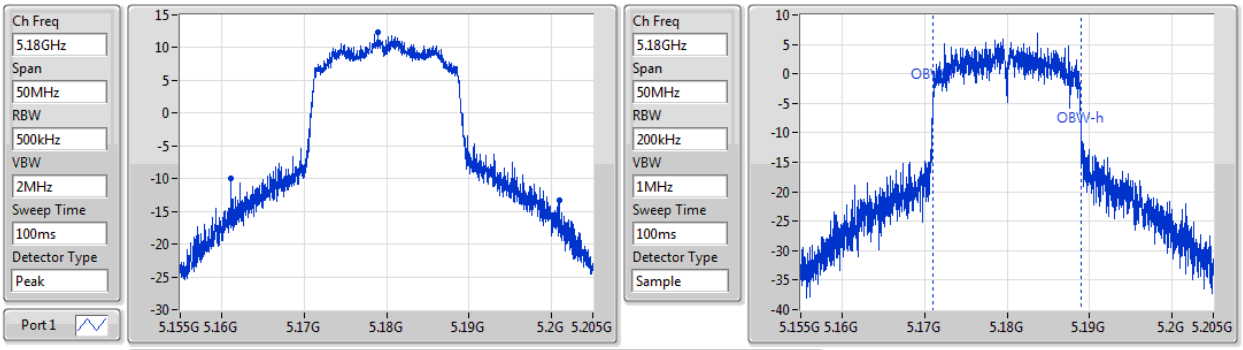


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	5.817425G	5.8325G	16.892M	5.816579G	5.833471G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5180MHz

08/05/2018

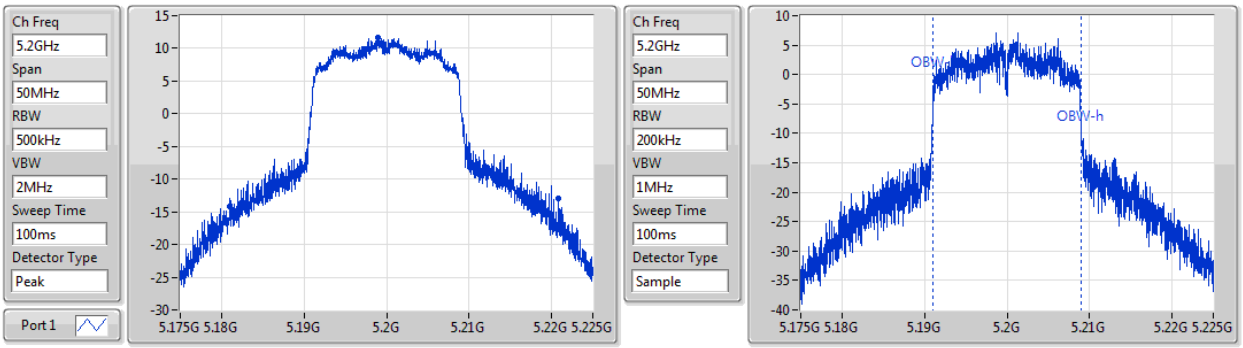


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.16115G	5.20095G	17.941M	5.171054G	5.188996G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5200MHz

08/05/2018

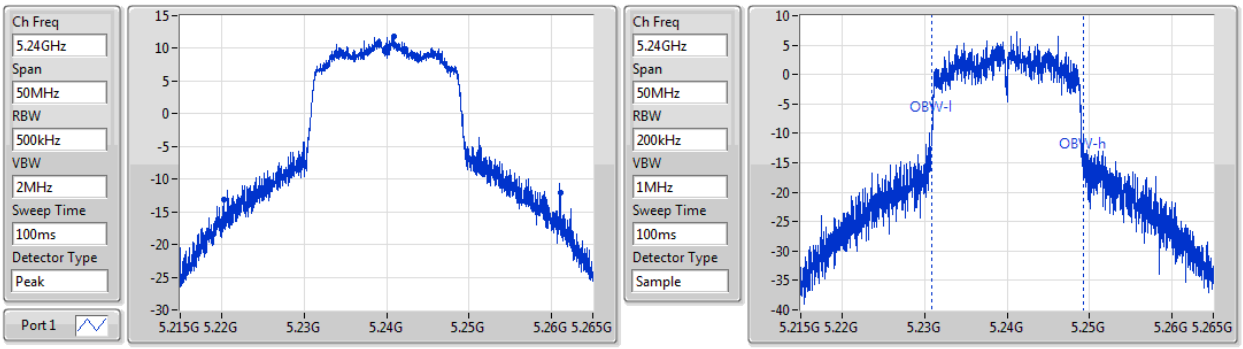


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.85M	5.18095G	5.2208G	17.966M	5.191054G	5.20902G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5240MHz

08/05/2018

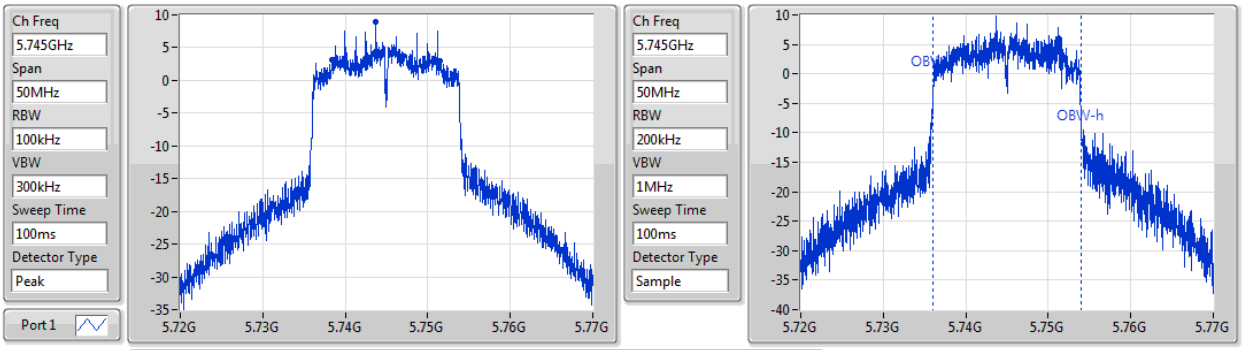


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.85M	5.220225G	5.261075G	18.291M	5.23093G	5.24922G	Inf	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5745MHz

08/05/2018

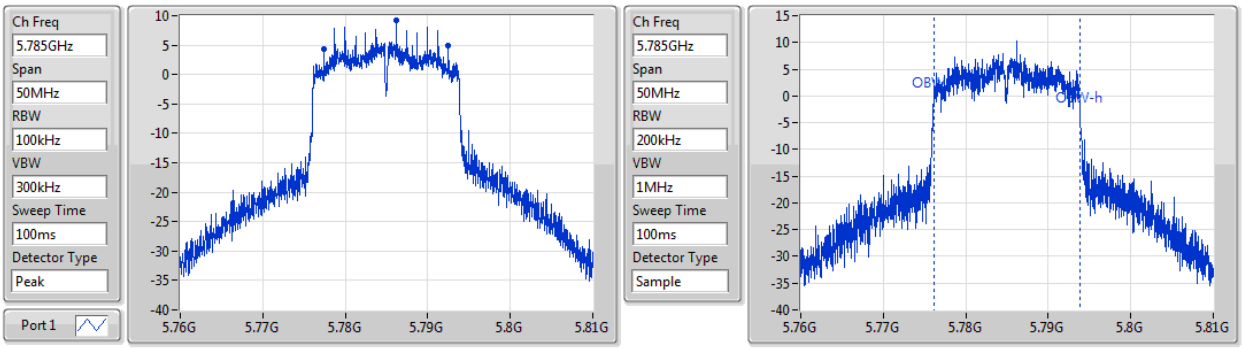


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13M	5.738425G	5.751425G	17.991M	5.736054G	5.754045G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5785MHz

08/05/2018

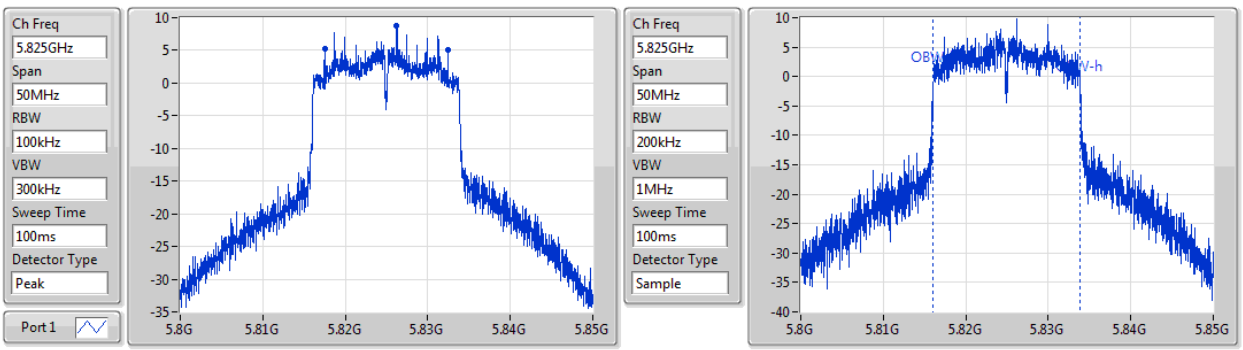


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	5.777425G	5.7925G	17.791M	5.776104G	5.793896G	500k	1

802.11n HT20_Nss1,(MCS0)_1TX **EBW**

5825MHz

08/05/2018

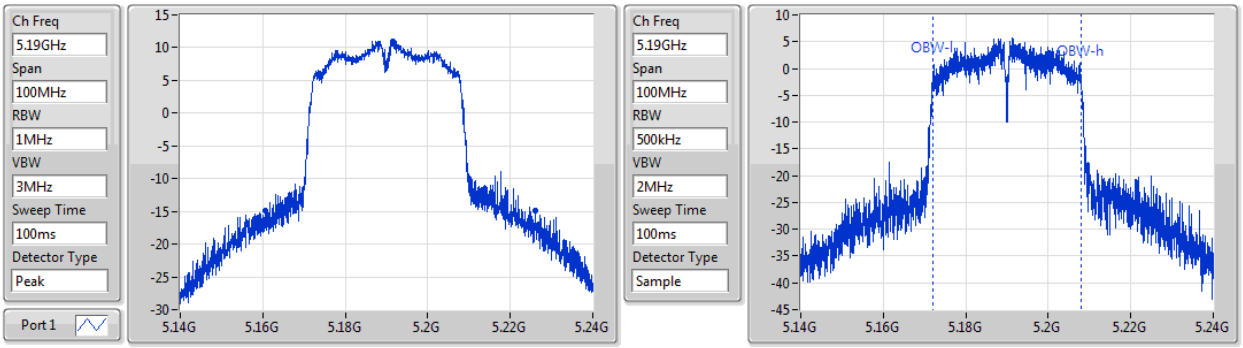


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.95M	5.8175G	5.83245G	17.816M	5.816079G	5.833896G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX **EBW**

5190MHz

08/05/2018

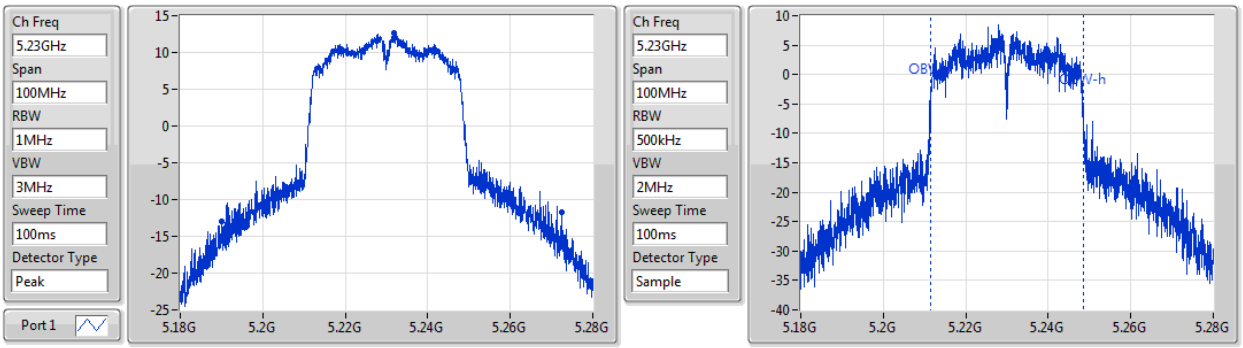


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
65.55M	5.1606G	5.22615G	36.082M	5.171959G	5.208041G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX **EBW**

5230MHz

08/05/2018

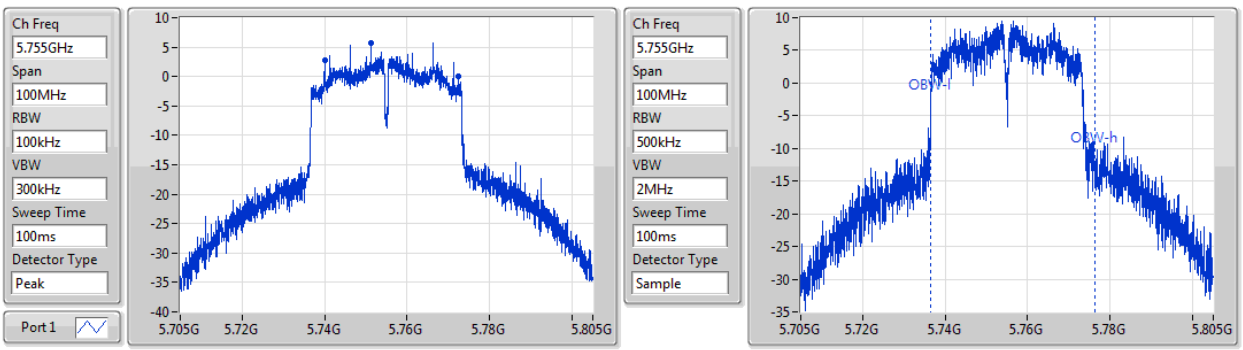


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.19015G	5.27255G	37.081M	5.211509G	5.248591G	Inf	1

802.11n HT40_Nss1,(MCS0)_1TX **EBW**

5755MHz

08/05/2018

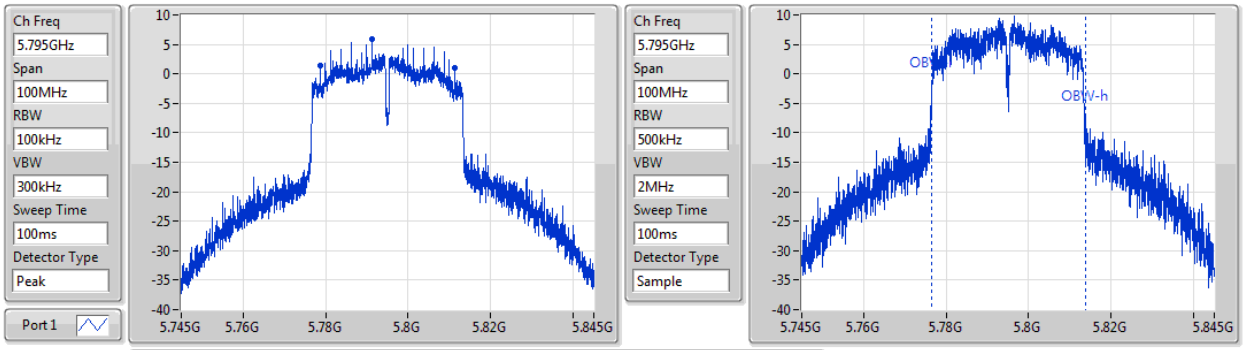


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.4M	5.74G	5.7724G	39.73M	5.736559G	5.776289G	500k	1

802.11n HT40_Nss1,(MCS0)_1TX **EBW**

5795MHz

08/05/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	5.77875G	5.8113G	37.131M	5.776559G	5.813691G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	17.23	0.05284	19.56	0.09036
802.11n HT20_Nss1,(MCS0)_1TX	17.18	0.05224	19.54	0.08995
802.11n HT40_Nss1,(MCS0)_1TX	17.01	0.05023	19.51	0.08933
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.53	0.07129	21.33	0.13583
802.11n HT20_Nss1,(MCS0)_1TX	18.49	0.07063	21.61	0.14488
802.11n HT40_Nss1,(MCS0)_1TX	19.05	0.08035	22.17	0.16482

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.40	17.18	17.18	24.00	18.58	30.00
5200MHz_TnomVnom	Pass	1.40	17.23	17.23	24.00	18.63	30.00
5240MHz_TnomVnom	Pass	2.50	17.06	17.06	24.00	19.56	30.00
5745MHz_TnomVnom	Pass	3.12	18.21	18.21	30.00	21.33	36.00
5785MHz_TnomVnom	Pass	2.65	18.19	18.19	30.00	20.84	36.00
5825MHz_TnomVnom	Pass	1.67	18.53	18.53	30.00	20.20	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.40	17.10	17.10	24.00	18.50	30.00
5200MHz_TnomVnom	Pass	1.40	17.18	17.18	24.00	18.58	30.00
5240MHz_TnomVnom	Pass	2.50	17.04	17.04	24.00	19.54	30.00
5745MHz_TnomVnom	Pass	3.12	18.49	18.49	30.00	21.61	36.00
5785MHz_TnomVnom	Pass	2.65	18.41	18.41	30.00	21.06	36.00
5825MHz_TnomVnom	Pass	1.67	18.41	18.41	30.00	20.08	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	1.40	15.50	15.50	24.00	16.90	30.00
5230MHz_TnomVnom	Pass	2.50	17.01	17.01	24.00	19.51	30.00
5755MHz_TnomVnom	Pass	3.12	19.05	19.05	30.00	22.17	36.00
5795MHz_TnomVnom	Pass	2.65	18.92	18.92	30.00	21.57	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)_1TX	5.75	8.16
802.11n HT20_Nss1,(MCS0)_1TX	5.53	7.95
802.11n HT40_Nss1,(MCS0)_1TX	2.82	5.32
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.05	9.00
802.11n HT20_Nss1,(MCS0)_1TX	5.67	8.79
802.11n HT40_Nss1,(MCS0)_1TX	3.57	6.69

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

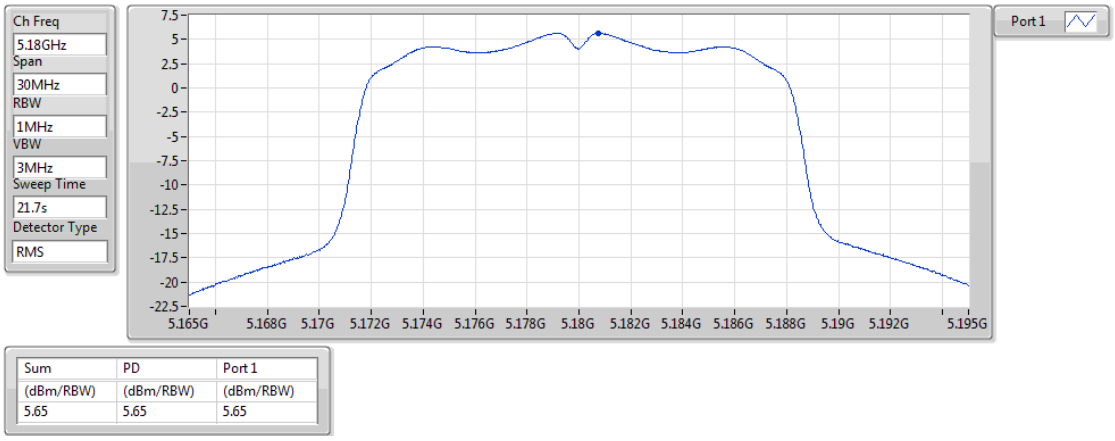
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.40	5.65	5.65	11.00	7.05	17.00
5200MHz_TnomVnom	Pass	1.40	5.75	5.75	11.00	7.15	17.00
5240MHz_TnomVnom	Pass	2.50	5.66	5.66	11.00	8.16	17.00
5745MHz_TnomVnom	Pass	3.12	5.88	5.88	30.00	9.00	36.00
5785MHz_TnomVnom	Pass	2.65	6.05	6.05	30.00	8.70	36.00
5825MHz_TnomVnom	Pass	1.67	5.93	5.93	30.00	7.60	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.40	5.39	5.39	11.00	6.79	17.00
5200MHz_TnomVnom	Pass	1.40	5.53	5.53	11.00	6.93	17.00
5240MHz_TnomVnom	Pass	2.50	5.45	5.45	11.00	7.95	17.00
5745MHz_TnomVnom	Pass	3.12	5.67	5.67	30.00	8.79	36.00
5785MHz_TnomVnom	Pass	2.65	5.67	5.67	30.00	8.32	36.00
5825MHz_TnomVnom	Pass	1.67	5.62	5.62	30.00	7.29	36.00
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	1.40	1.29	1.29	11.00	2.69	17.00
5230MHz_TnomVnom	Pass	2.50	2.82	2.82	11.00	5.32	17.00
5755MHz_TnomVnom	Pass	3.12	3.57	3.57	30.00	6.69	36.00
5795MHz_TnomVnom	Pass	2.65	3.44	3.44	30.00	6.09	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)_1TX **PSD**

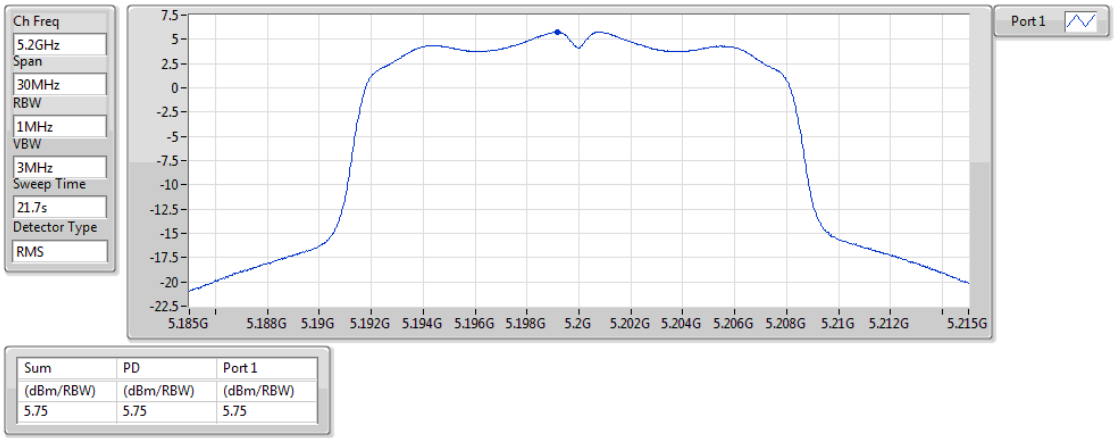
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	5.65

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

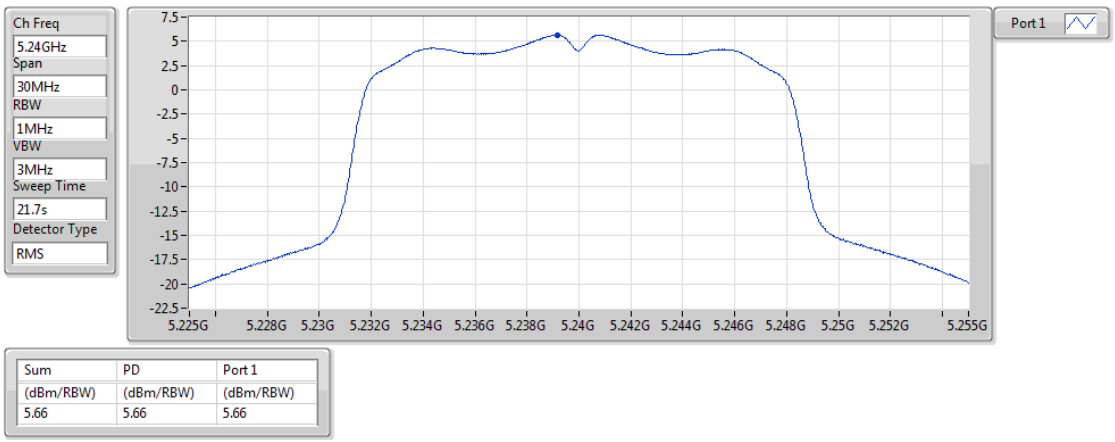
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	5.75

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

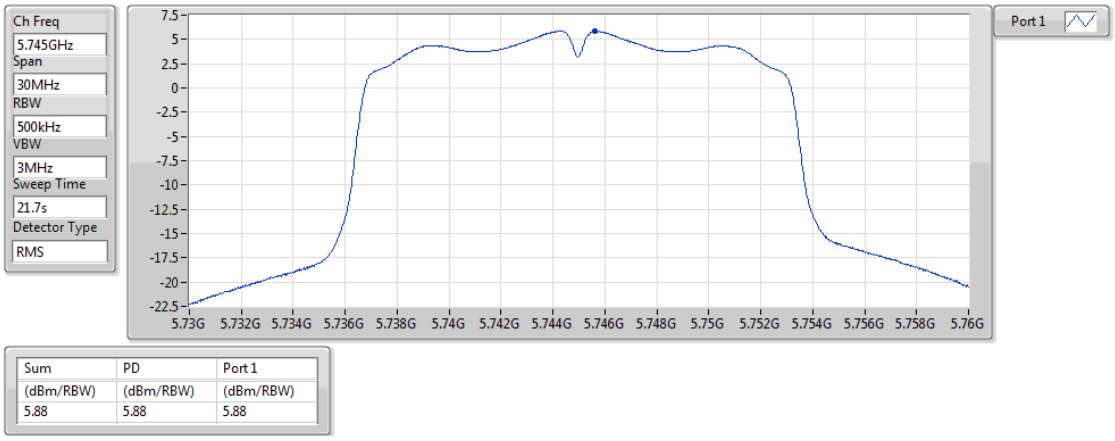
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	5.66

802.11a_Nss1,(6Mbps)_1TX PSD

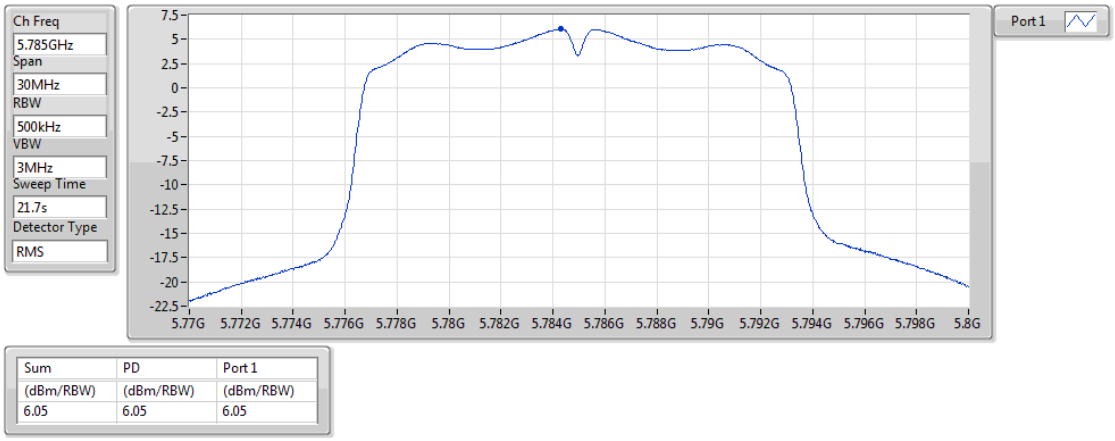
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	5.88

802.11a_Nss1,(6Mbps)_1TX PSD

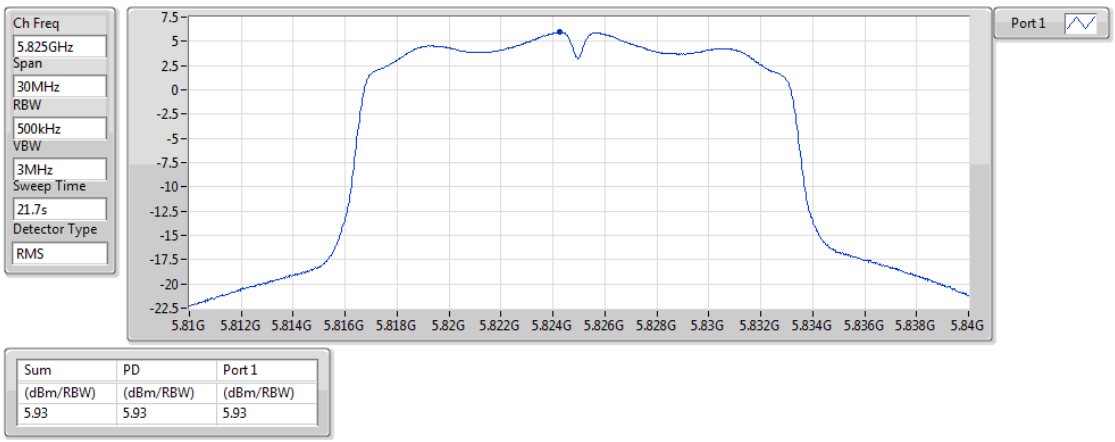
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.05	6.05	6.05

802.11a_Nss1,(6Mbps)_1TX PSD

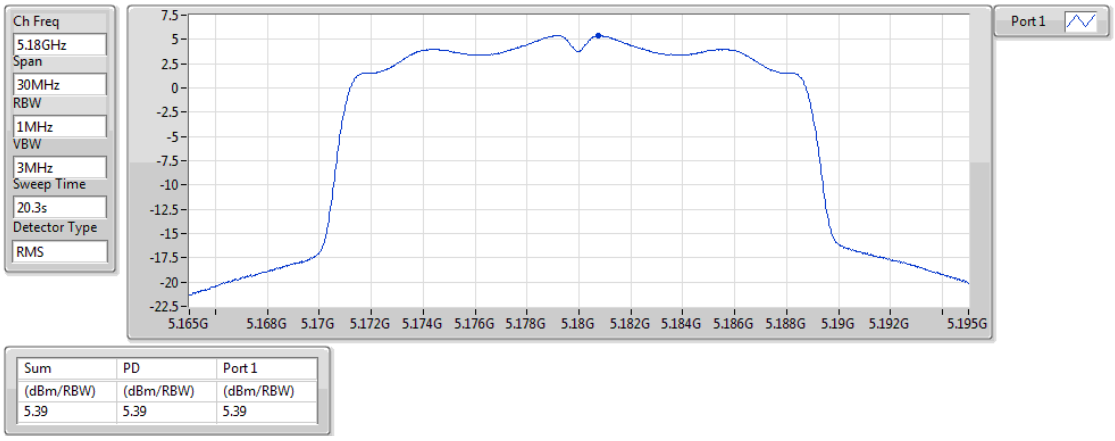
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.93	5.93	5.93

802.11n HT20_Nss1,(MCS0)_1TX PSD

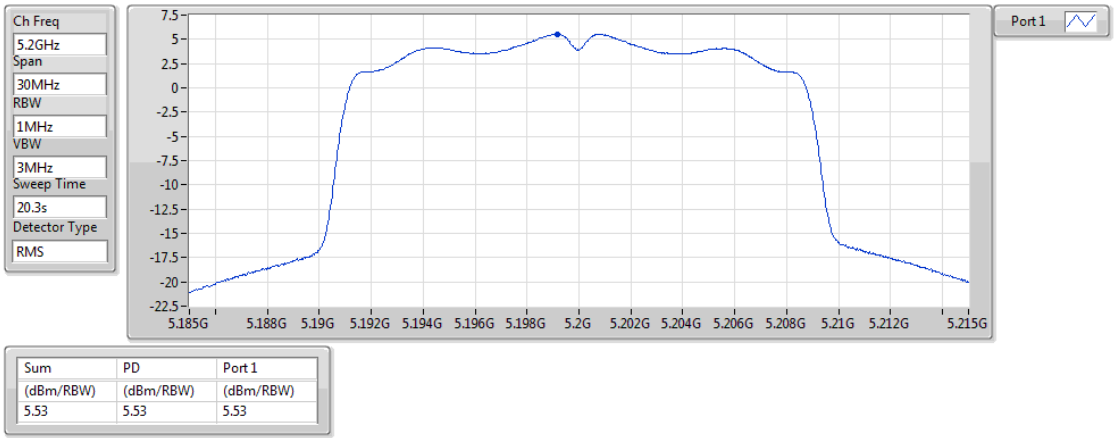
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	5.39

802.11n HT20_Nss1,(MCS0)_1TX PSD

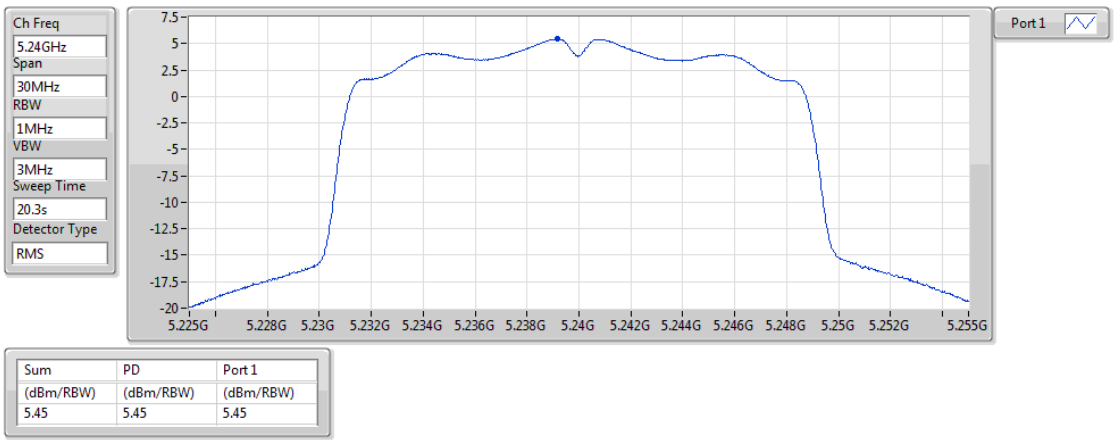
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	5.53

802.11n HT20_Nss1,(MCS0)_1TX PSD

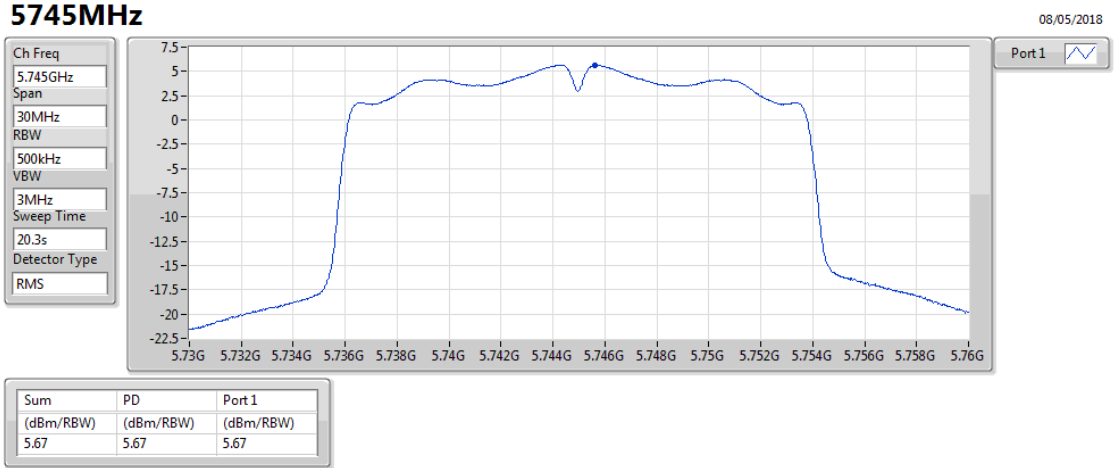
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	5.45

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

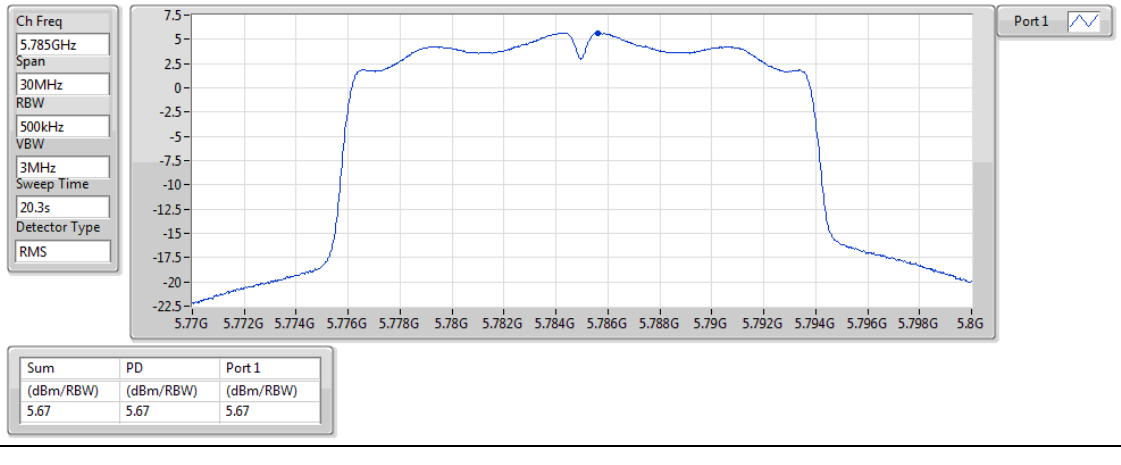
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	5.67

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

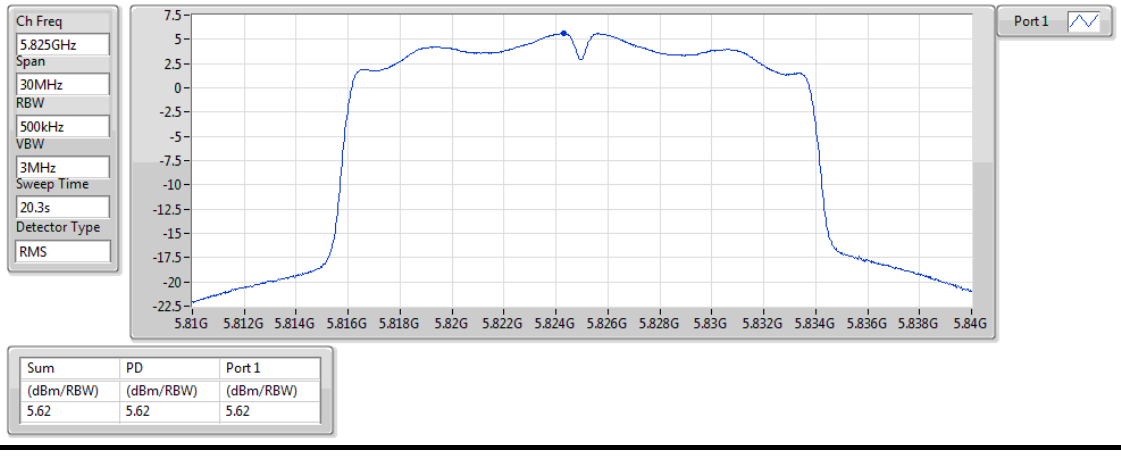
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	5.67

802.11n HT20_Nss1,(MCS0)_1TX **PSD**

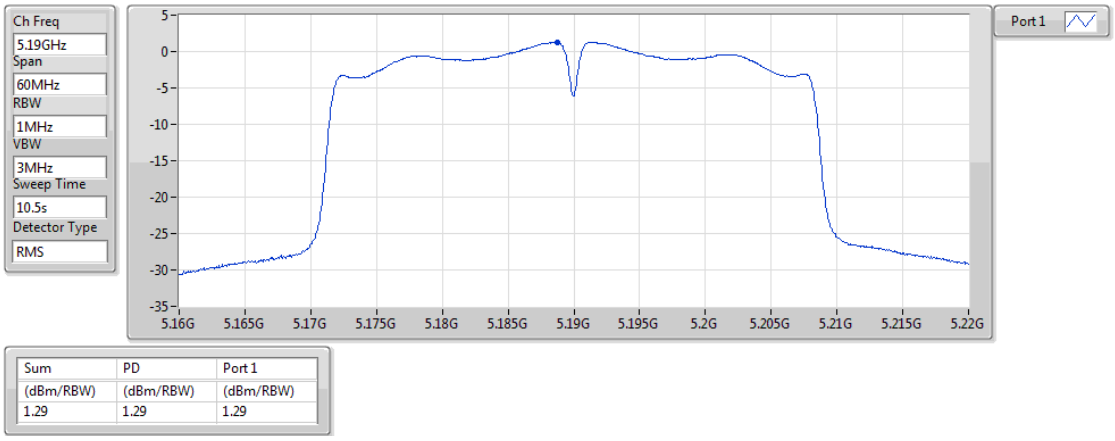
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	5.62

802.11n HT40_Nss1,(MCS0)_1TX PSD

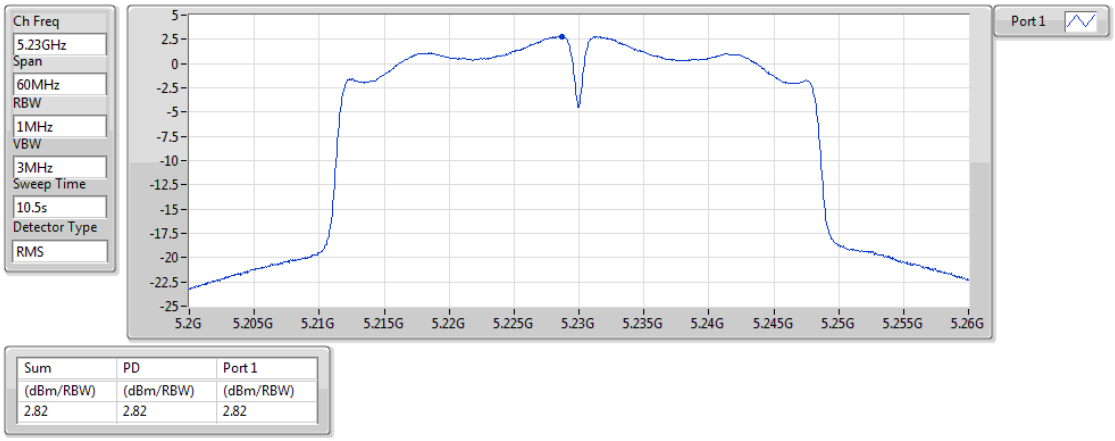
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.29	1.29	1.29

802.11n HT40_Nss1,(MCS0)_1TX PSD

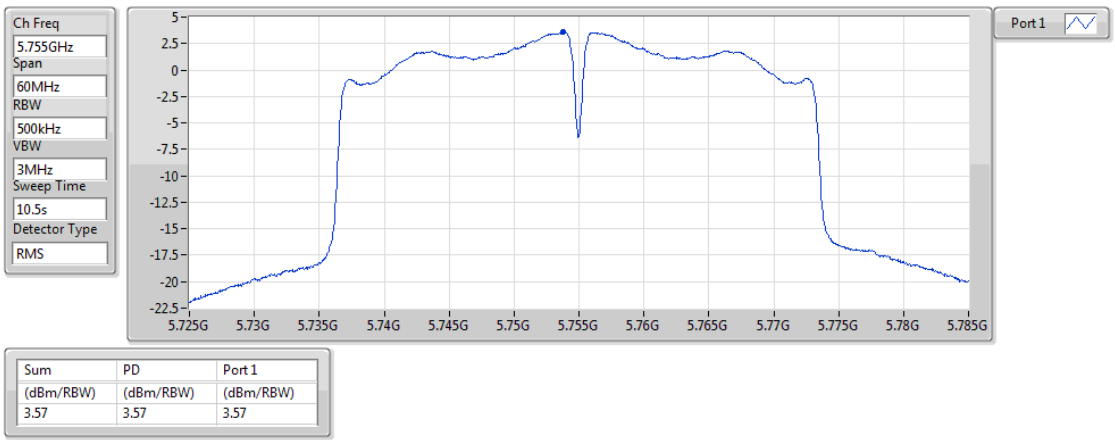
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	2.82

802.11n HT40_Nss1,(MCS0)_1TX PSD

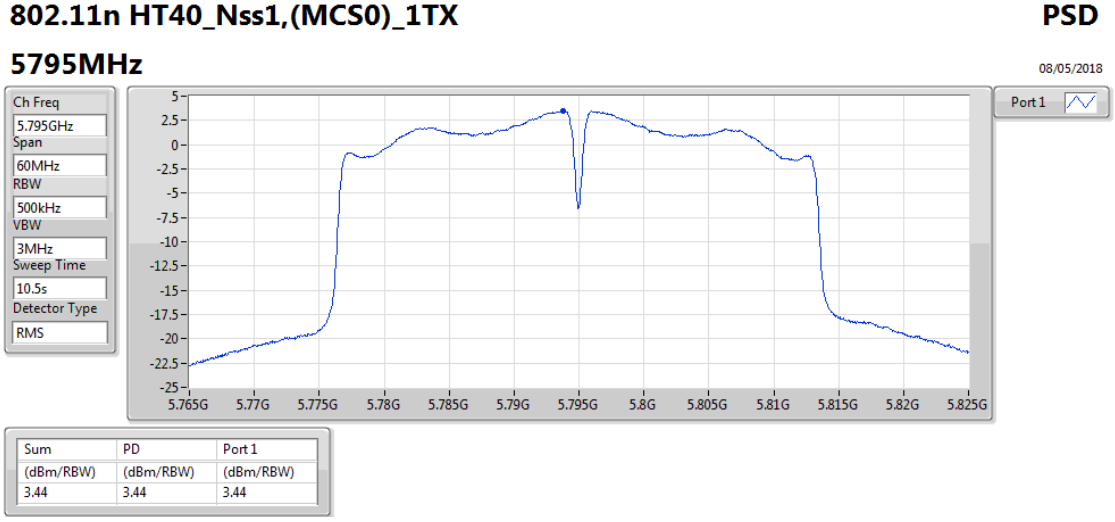
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.57	3.57	3.57

802.11n HT40_Nss1,(MCS0)_1TX **PSD**

5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	3.44

Summary

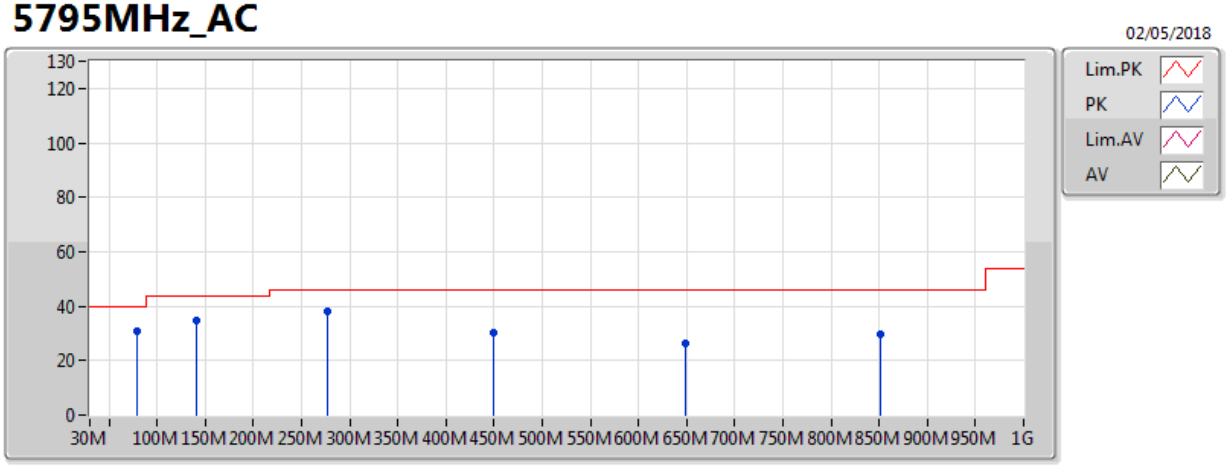
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	PK	276.38M	37.92	46.00	-8.08	-16.56	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5795MHz	Pass	PK	78.5M	30.95	40.00	-9.05	-24.11	3	Vertical	360	1.00	-
5795MHz	Pass	PK	140.58M	34.90	43.50	-8.60	-19.17	3	Vertical	360	1.00	-
5795MHz	Pass	PK	276.38M	37.92	46.00	-8.08	-16.56	3	Vertical	360	1.00	-
5795MHz	Pass	PK	449.04M	30.07	46.00	-15.93	-12.70	3	Vertical	360	1.00	-
5795MHz	Pass	PK	648.86M	26.61	46.00	-19.39	-9.68	3	Vertical	360	1.00	-
5795MHz	Pass	PK	850.62M	29.62	46.00	-16.38	-6.86	3	Vertical	360	1.00	-
5795MHz	Pass	PK	80.44M	28.23	40.00	-11.77	-23.80	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	148.34M	30.38	43.50	-13.12	-19.32	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	256.98M	30.57	46.00	-15.43	-15.85	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	365.62M	29.95	46.00	-16.05	-14.89	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	483.96M	22.92	46.00	-23.08	-12.10	3	Horizontal	0	1.00	-
5795MHz	Pass	PK	825.4M	32.87	46.00	-13.13	-7.53	3	Horizontal	0	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

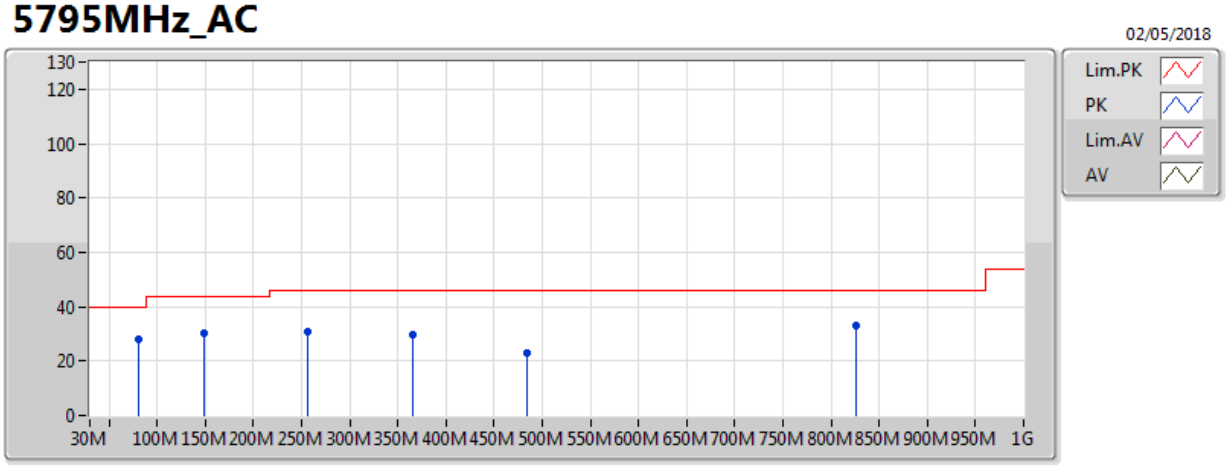
5795MHz_AC



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	78.5M	30.95	40.00	-9.05	-24.11	3	Vertical	360	1.00	-
PK	140.58M	34.90	43.50	-8.60	-19.17	3	Vertical	360	1.00	-
PK	276.38M	37.92	46.00	-8.08	-16.56	3	Vertical	360	1.00	-
PK	449.04M	30.07	46.00	-15.93	-12.70	3	Vertical	360	1.00	-
PK	648.86M	26.61	46.00	-19.39	-9.68	3	Vertical	360	1.00	-
PK	850.62M	29.62	46.00	-16.38	-6.86	3	Vertical	360	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_AC



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	80.44M	28.23	40.00	-11.77	-23.80	3	Horizontal	0	1.00	-
PK	148.34M	30.38	43.50	-13.12	-19.32	3	Horizontal	0	1.00	-
PK	256.98M	30.57	46.00	-15.43	-15.85	3	Horizontal	0	1.00	-
PK	365.62M	29.95	46.00	-16.05	-14.89	3	Horizontal	0	1.00	-
PK	483.96M	22.92	46.00	-23.08	-12.10	3	Horizontal	0	1.00	-
PK	825.4M	32.87	46.00	-13.13	-7.53	3	Horizontal	0	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.1498G	52.52	54.00	-1.48	5.13	3	Vertical	249	1.23	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	5.1498G	51.47	54.00	-2.53	5.13	3	Vertical	247	1.20	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	5.149995G	53.67	54.00	-0.33	5.13	3	Vertical	256	1.22	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	17.48376G	51.74	54.00	-2.26	20.95	3	Vertical	2	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	AV	17.4792G	51.74	54.00	-2.26	20.93	3	Vertical	151	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	AV	17.39124G	51.82	54.00	-2.18	20.49	3	Horizontal	195	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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	52.52	54.00	-1.48	5.13	3	Vertical	249	1.23	-
5180MHz	Pass	AV	5.1804G	93.01	Inf	-Inf	5.17	3	Vertical	249	1.23	-
5180MHz	Pass	PK	5.1488G	65.93	74.00	-8.07	5.13	3	Vertical	249	1.23	-
5180MHz	Pass	PK	5.1798G	103.03	Inf	-Inf	5.17	3	Vertical	249	1.23	-
5180MHz	Pass	AV	5.1488G	51.69	54.00	-2.31	5.13	3	Horizontal	195	1.00	-
5180MHz	Pass	AV	5.1808G	93.02	Inf	-Inf	5.17	3	Horizontal	195	1.00	-
5180MHz	Pass	PK	5.148G	65.42	74.00	-8.58	5.13	3	Horizontal	195	1.00	-
5180MHz	Pass	PK	5.18G	102.95	Inf	-Inf	5.17	3	Horizontal	195	1.00	-
5180MHz	Pass	AV	15.54372G	47.89	54.00	-6.11	18.32	3	Vertical	20	1.50	-
5180MHz	Pass	PK	15.55392G	57.83	74.00	-16.17	18.29	3	Vertical	20	1.50	-
5180MHz	Pass	AV	15.52932G	47.60	54.00	-6.40	18.36	3	Horizontal	306	1.50	-
5180MHz	Pass	PK	15.55398G	57.98	74.00	-16.02	18.29	3	Horizontal	306	1.50	-
5200MHz	Pass	AV	5.149995G	47.01	54.00	-6.99	5.13	3	Vertical	255	1.22	-
5200MHz	Pass	AV	5.2012G	93.23	Inf	-Inf	5.19	3	Vertical	255	1.22	-
5200MHz	Pass	PK	5.1488G	60.66	74.00	-13.34	5.13	3	Vertical	255	1.22	-
5200MHz	Pass	PK	5.1996G	103.27	Inf	-Inf	5.19	3	Vertical	255	1.22	-
5200MHz	Pass	AV	5.1492G	47.12	54.00	-6.88	5.13	3	Horizontal	193	1.07	-
5200MHz	Pass	AV	5.2012G	92.48	Inf	-Inf	5.19	3	Horizontal	193	1.07	-
5200MHz	Pass	PK	5.1492G	60.19	74.00	-13.81	5.13	3	Horizontal	193	1.07	-
5200MHz	Pass	PK	5.2G	101.93	Inf	-Inf	5.19	3	Horizontal	193	1.07	-
5200MHz	Pass	AV	15.5865G	47.73	54.00	-6.27	18.21	3	Vertical	219	1.49	-
5200MHz	Pass	PK	15.59616G	58.03	74.00	-15.97	18.18	3	Vertical	219	1.49	-
5200MHz	Pass	AV	15.60054G	47.74	54.00	-6.26	18.17	3	Horizontal	130	1.50	-
5200MHz	Pass	PK	15.59952G	58.12	74.00	-15.88	18.18	3	Horizontal	130	1.50	-
5240MHz	Pass	AV	5.1368G	45.01	54.00	-8.99	5.12	3	Vertical	252	1.26	-
5240MHz	Pass	AV	5.3654G	44.00	54.00	-10.00	5.38	3	Vertical	252	1.26	-
5240MHz	Pass	AV	5.2394G	93.88	Inf	-Inf	5.23	3	Vertical	252	1.26	-
5240MHz	Pass	PK	5.1422G	57.83	74.00	-16.17	5.13	3	Vertical	252	1.26	-
5240MHz	Pass	PK	5.3762G	57.62	74.00	-16.38	5.38	3	Vertical	252	1.26	-
5240MHz	Pass	PK	5.2388G	103.35	Inf	-Inf	5.23	3	Vertical	252	1.26	-
5240MHz	Pass	AV	5.099G	44.94	54.00	-9.06	5.08	3	Horizontal	190	1.17	-
5240MHz	Pass	AV	5.3606G	44.08	54.00	-9.92	5.36	3	Horizontal	190	1.17	-
5240MHz	Pass	AV	5.2406G	92.68	Inf	-Inf	5.23	3	Horizontal	190	1.17	-
5240MHz	Pass	PK	5.1362G	57.82	74.00	-16.18	5.12	3	Horizontal	190	1.17	-
5240MHz	Pass	PK	5.3588G	57.10	74.00	-16.90	5.36	3	Horizontal	190	1.17	-
5240MHz	Pass	PK	5.24G	102.24	Inf	-Inf	5.23	3	Horizontal	190	1.17	-
5240MHz	Pass	AV	15.72192G	48.26	54.00	-5.74	17.86	3	Vertical	128	1.50	-
5240MHz	Pass	PK	15.71886G	58.55	74.00	-15.45	17.86	3	Vertical	128	1.50	-
5240MHz	Pass	AV	15.73074G	48.27	54.00	-5.73	17.83	3	Horizontal	172	1.50	-
5240MHz	Pass	PK	15.70944G	58.24	74.00	-15.76	17.89	3	Horizontal	172	1.50	-
5745MHz	Pass	AV	5.7462G	98.25	Inf	-Inf	5.87	3	Vertical	243	1.13	-
5745MHz	Pass	PK	5.5542G	57.44	68.20	-10.76	5.60	3	Vertical	243	1.13	-
5745MHz	Pass	PK	5.7438G	107.63	Inf	-Inf	5.87	3	Vertical	243	1.13	-
5745MHz	Pass	PK	5.9394G	57.92	68.20	-10.28	6.16	3	Vertical	243	1.13	-
5745MHz	Pass	AV	5.7462G	98.72	Inf	-Inf	5.87	3	Horizontal	187	1.01	-
5745MHz	Pass	PK	5.589G	57.74	68.20	-10.46	5.65	3	Horizontal	187	1.01	-
5745MHz	Pass	PK	5.7438G	107.94	Inf	-Inf	5.87	3	Horizontal	187	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.9478G	58.01	68.20	-10.19	6.16	3	Horizontal	187	1.01	-
5745MHz	Pass	AV	17.2494G	50.04	54.00	-3.96	19.78	3	Vertical	294	1.50	-
5745MHz	Pass	PK	17.23242G	60.02	74.00	-13.98	19.69	3	Vertical	294	1.50	-
5745MHz	Pass	AV	17.24568G	49.99	54.00	-4.01	19.76	3	Horizontal	17	1.50	-
5745MHz	Pass	PK	17.24256G	61.01	74.00	-12.99	19.74	3	Horizontal	17	1.50	-
5785MHz	Pass	AV	5.7838G	97.90	Inf	-Inf	5.93	3	Vertical	243	1.10	-
5785MHz	Pass	PK	5.6374G	57.56	68.20	-10.64	5.72	3	Vertical	243	1.10	-
5785MHz	Pass	PK	5.785G	107.64	Inf	-Inf	5.93	3	Vertical	243	1.10	-
5785MHz	Pass	PK	5.9482G	57.41	68.20	-10.79	6.16	3	Vertical	243	1.10	-
5785MHz	Pass	AV	5.7862G	97.53	Inf	-Inf	5.93	3	Horizontal	183	1.01	-
5785MHz	Pass	PK	5.5666G	58.20	68.20	-10.00	5.62	3	Horizontal	183	1.01	-
5785MHz	Pass	PK	5.7862G	106.43	Inf	-Inf	5.93	3	Horizontal	183	1.01	-
5785MHz	Pass	PK	5.9326G	57.39	68.20	-10.81	6.14	3	Horizontal	183	1.01	-
5785MHz	Pass	AV	17.36736G	50.81	54.00	-3.19	20.37	3	Vertical	37	1.50	-
5785MHz	Pass	PK	17.36868G	61.04	74.00	-12.96	20.37	3	Vertical	37	1.50	-
5785MHz	Pass	AV	17.36658G	50.95	54.00	-3.05	20.36	3	Vertical	182	1.49	-
5785MHz	Pass	PK	17.35158G	60.77	74.00	-13.23	20.29	3	Vertical	182	1.49	-
5825MHz	Pass	AV	5.825G	96.29	Inf	-Inf	5.99	3	Vertical	242	1.30	-
5825MHz	Pass	PK	5.5922G	57.37	68.20	-10.83	5.65	3	Vertical	242	1.30	-
5825MHz	Pass	PK	5.8238G	105.49	Inf	-Inf	5.99	3	Vertical	242	1.30	-
5825MHz	Pass	PK	5.9354G	57.88	68.20	-10.32	6.15	3	Vertical	242	1.30	-
5825MHz	Pass	AV	5.8238G	96.49	Inf	-Inf	5.99	3	Horizontal	184	1.01	-
5825MHz	Pass	PK	5.5958G	57.88	68.20	-10.32	5.67	3	Horizontal	184	1.01	-
5825MHz	Pass	PK	5.825G	105.93	Inf	-Inf	5.99	3	Horizontal	184	1.01	-
5825MHz	Pass	PK	5.933G	57.81	68.20	-10.39	6.14	3	Horizontal	184	1.01	-
5825MHz	Pass	AV	17.48376G	51.74	54.00	-2.26	20.95	3	Vertical	2	1.50	-
5825MHz	Pass	PK	17.4825G	62.55	74.00	-11.45	20.94	3	Vertical	2	1.50	-
5825MHz	Pass	AV	17.47338G	51.55	54.00	-2.45	20.90	3	Horizontal	127	1.50	-
5825MHz	Pass	PK	17.47224G	61.60	74.00	-12.40	20.89	3	Horizontal	127	1.50	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	51.47	54.00	-2.53	5.13	3	Vertical	247	1.20	-
5180MHz	Pass	AV	5.1808G	92.74	Inf	-Inf	5.17	3	Vertical	247	1.20	-
5180MHz	Pass	PK	5.1456G	65.92	74.00	-8.08	5.13	3	Vertical	247	1.20	-
5180MHz	Pass	PK	5.181G	102.16	Inf	-Inf	5.17	3	Vertical	247	1.20	-
5180MHz	Pass	AV	5.149995G	51.33	54.00	-2.67	5.13	3	Horizontal	182	1.01	-
5180MHz	Pass	AV	5.179G	92.28	Inf	-Inf	5.17	3	Horizontal	182	1.01	-
5180MHz	Pass	PK	5.1482G	65.29	74.00	-8.71	5.13	3	Horizontal	182	1.01	-
5180MHz	Pass	PK	5.1794G	101.64	Inf	-Inf	5.17	3	Horizontal	182	1.01	-
5180MHz	Pass	AV	15.55374G	47.76	54.00	-6.24	18.29	3	Vertical	116	1.50	-
5180MHz	Pass	PK	15.52776G	58.94	74.00	-15.06	18.36	3	Vertical	116	1.50	-
5180MHz	Pass	AV	15.5514G	47.79	54.00	-6.21	18.30	3	Horizontal	309	1.50	-
5180MHz	Pass	PK	15.54048G	58.34	74.00	-15.66	18.33	3	Horizontal	309	1.50	-
5200MHz	Pass	AV	5.149995G	47.60	54.00	-6.40	5.13	3	Vertical	244	1.31	-
5200MHz	Pass	AV	5.1992G	92.95	Inf	-Inf	5.19	3	Vertical	244	1.31	-
5200MHz	Pass	PK	5.1472G	60.36	74.00	-13.64	5.13	3	Vertical	244	1.31	-
5200MHz	Pass	PK	5.198G	103.09	Inf	-Inf	5.19	3	Vertical	244	1.31	-
5200MHz	Pass	AV	5.149995G	46.59	54.00	-7.41	5.13	3	Horizontal	181	1.04	-
5200MHz	Pass	AV	5.1992G	91.90	Inf	-Inf	5.19	3	Horizontal	181	1.04	-
5200MHz	Pass	PK	5.1488G	60.22	74.00	-13.78	5.13	3	Horizontal	181	1.04	-

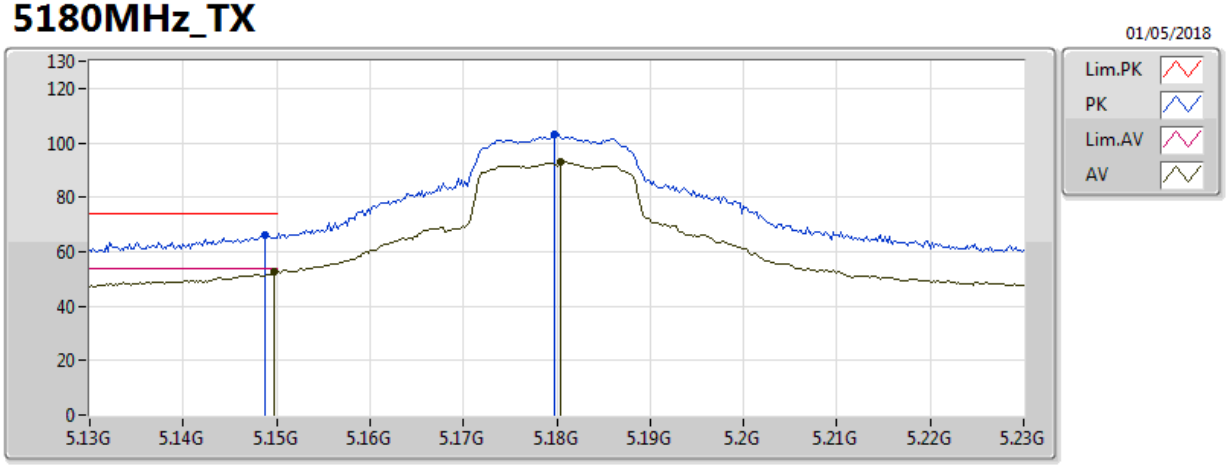
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5200MHz	Pass	PK	5.1992G	100.75	Inf	-Inf	5.19	3	Horizontal	181	1.04	-
5200MHz	Pass	AV	15.615G	47.94	54.00	-6.06	18.13	3	Vertical	71	1.50	-
5200MHz	Pass	PK	15.58776G	58.16	74.00	-15.84	18.21	3	Vertical	71	1.50	-
5200MHz	Pass	AV	15.61014G	47.93	54.00	-6.07	18.15	3	Horizontal	350	1.50	-
5200MHz	Pass	PK	15.60066G	58.37	74.00	-15.63	18.17	3	Horizontal	350	1.50	-
5240MHz	Pass	AV	5.1308G	45.05	54.00	-8.95	5.11	3	Vertical	245	1.26	-
5240MHz	Pass	AV	5.2406G	93.73	Inf	-Inf	5.23	3	Vertical	245	1.26	-
5240MHz	Pass	AV	5.3678G	44.13	54.00	-9.87	5.38	3	Vertical	245	1.26	-
5240MHz	Pass	PK	5.1464G	57.44	74.00	-16.56	5.13	3	Vertical	245	1.26	-
5240MHz	Pass	PK	5.2412G	103.02	Inf	-Inf	5.24	3	Vertical	245	1.26	-
5240MHz	Pass	PK	5.357G	56.69	74.00	-17.31	5.36	3	Vertical	245	1.26	-
5240MHz	Pass	AV	5.149995G	44.89	54.00	-9.11	5.13	3	Horizontal	182	1.17	-
5240MHz	Pass	AV	5.2406G	92.29	Inf	-Inf	5.23	3	Horizontal	182	1.17	-
5240MHz	Pass	AV	5.3552G	44.00	54.00	-10.00	5.36	3	Horizontal	182	1.17	-
5240MHz	Pass	PK	5.1098G	57.46	74.00	-16.54	5.09	3	Horizontal	182	1.17	-
5240MHz	Pass	PK	5.2406G	101.98	Inf	-Inf	5.23	3	Horizontal	182	1.17	-
5240MHz	Pass	PK	5.3792G	56.32	74.00	-17.68	5.39	3	Horizontal	182	1.17	-
5240MHz	Pass	AV	15.71166G	48.25	54.00	-5.75	17.88	3	Vertical	51	0.00	-
5240MHz	Pass	PK	15.7344G	59.09	74.00	-14.91	17.82	3	Vertical	51	0.00	-
5240MHz	Pass	AV	15.72402G	48.19	54.00	-5.81	17.85	3	Horizontal	158	1.50	-
5240MHz	Pass	PK	15.71448G	58.06	74.00	-15.94	17.88	3	Horizontal	158	1.50	-
5745MHz	Pass	AV	5.7438G	98.01	Inf	-Inf	5.87	3	Vertical	235	1.13	-
5745MHz	Pass	PK	5.6394G	58.40	68.20	-9.80	5.72	3	Vertical	235	1.13	-
5745MHz	Pass	PK	5.745G	107.27	Inf	-Inf	5.87	3	Vertical	235	1.13	-
5745MHz	Pass	PK	5.9358G	58.52	68.20	-9.68	6.16	3	Vertical	235	1.13	-
5745MHz	Pass	AV	5.7462G	98.62	Inf	-Inf	5.87	3	Horizontal	179	1.01	-
5745MHz	Pass	PK	5.5002G	58.07	68.20	-10.13	5.52	3	Horizontal	179	1.01	-
5745MHz	Pass	PK	5.7462G	107.54	Inf	-Inf	5.87	3	Horizontal	179	1.01	-
5745MHz	Pass	PK	5.9322G	58.33	68.20	-9.87	6.14	3	Horizontal	179	1.01	-
5745MHz	Pass	AV	17.24442G	50.07	54.00	-3.93	19.75	3	Vertical	348	1.50	-
5745MHz	Pass	PK	17.23902G	60.38	74.00	-13.62	19.73	3	Vertical	348	1.50	-
5745MHz	Pass	AV	17.24916G	50.17	54.00	-3.83	19.78	3	Horizontal	81	1.02	-
5745MHz	Pass	PK	17.24658G	60.97	74.00	-13.03	19.76	3	Horizontal	81	1.02	-
5785MHz	Pass	AV	5.7838G	98.75	Inf	-Inf	5.93	3	Vertical	250	1.25	-
5785MHz	Pass	PK	5.5306G	57.99	68.20	-10.21	5.56	3	Vertical	250	1.25	-
5785MHz	Pass	PK	5.7838G	107.66	Inf	-Inf	5.93	3	Vertical	250	1.25	-
5785MHz	Pass	PK	5.9854G	57.78	68.20	-10.42	6.22	3	Vertical	250	1.25	-
5785MHz	Pass	AV	5.7838G	98.47	Inf	-Inf	5.93	3	Horizontal	40	1.14	-
5785MHz	Pass	PK	5.6194G	58.54	68.20	-9.66	5.69	3	Horizontal	40	1.14	-
5785MHz	Pass	PK	5.7838G	106.82	Inf	-Inf	5.93	3	Horizontal	40	1.14	-
5785MHz	Pass	PK	5.9446G	58.05	68.20	-10.15	6.15	3	Horizontal	40	1.14	-
5785MHz	Pass	AV	17.3607G	50.78	54.00	-3.22	20.33	3	Vertical	84	1.50	-
5785MHz	Pass	PK	17.34732G	61.32	74.00	-12.68	20.27	3	Vertical	84	1.50	-
5785MHz	Pass	AV	17.37G	50.89	54.00	-3.11	20.38	3	Horizontal	288	1.21	-
5785MHz	Pass	PK	17.34126G	61.52	74.00	-12.48	20.24	3	Horizontal	288	1.21	-
5825MHz	Pass	AV	5.8262G	97.90	Inf	-Inf	5.99	3	Vertical	251	1.02	-
5825MHz	Pass	PK	5.5514G	57.12	68.20	-11.08	5.60	3	Vertical	251	1.02	-
5825MHz	Pass	PK	5.8238G	107.27	Inf	-Inf	5.99	3	Vertical	251	1.02	-
5825MHz	Pass	PK	5.9762G	57.69	68.20	-10.51	6.21	3	Vertical	251	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	AV	5.8262G	97.85	Inf	-Inf	5.99	3	Horizontal	85	1.08	-
5825MHz	Pass	PK	5.6006G	57.23	68.20	-10.97	5.66	3	Horizontal	85	1.08	-
5825MHz	Pass	PK	5.8202G	107.15	Inf	-Inf	5.98	3	Horizontal	85	1.08	-
5825MHz	Pass	PK	5.9294G	56.87	68.20	-11.33	6.14	3	Horizontal	85	1.08	-
5825MHz	Pass	AV	17.4792G	51.74	54.00	-2.26	20.93	3	Vertical	151	1.50	-
5825MHz	Pass	PK	17.4684G	61.84	74.00	-12.16	20.87	3	Vertical	151	1.50	-
5825MHz	Pass	AV	17.46636G	51.72	54.00	-2.28	20.86	3	Horizontal	1	1.50	-
5825MHz	Pass	PK	17.48796G	61.78	74.00	-12.22	20.97	3	Horizontal	1	1.50	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.149995G	53.67	54.00	-0.33	5.13	3	Vertical	256	1.22	-
5190MHz	Pass	AV	5.1912G	90.53	Inf	-Inf	5.18	3	Vertical	256	1.22	-
5190MHz	Pass	PK	5.1484G	62.97	74.00	-11.03	5.13	3	Vertical	256	1.22	-
5190MHz	Pass	PK	5.1876G	98.04	Inf	-Inf	5.18	3	Vertical	256	1.22	-
5190MHz	Pass	AV	5.149995G	53.11	54.00	-0.89	5.13	3	Horizontal	197	1.07	-
5190MHz	Pass	AV	5.1884G	88.74	Inf	-Inf	5.18	3	Horizontal	197	1.07	-
5190MHz	Pass	PK	5.1456G	63.10	74.00	-10.90	5.13	3	Horizontal	197	1.07	-
5190MHz	Pass	PK	5.192G	96.61	Inf	-Inf	5.18	3	Horizontal	197	1.07	-
5190MHz	Pass	AV	15.57606G	48.87	54.00	-5.13	18.24	3	Vertical	63	1.50	-
5190MHz	Pass	PK	15.5793G	58.72	74.00	-15.28	18.23	3	Vertical	63	1.50	-
5190MHz	Pass	AV	15.56742G	48.99	54.00	-5.01	18.26	3	Horizontal	113	1.50	-
5190MHz	Pass	PK	15.56784G	58.43	74.00	-15.57	18.26	3	Horizontal	113	1.50	-
5230MHz	Pass	AV	5.1492G	48.06	54.00	-5.94	5.13	3	Vertical	254	1.18	-
5230MHz	Pass	AV	5.2284G	92.60	Inf	-Inf	5.22	3	Vertical	254	1.18	-
5230MHz	Pass	PK	5.1452G	57.75	74.00	-16.25	5.13	3	Vertical	254	1.18	-
5230MHz	Pass	PK	5.2276G	99.99	Inf	-Inf	5.22	3	Vertical	254	1.18	-
5230MHz	Pass	AV	5.1496G	47.63	54.00	-6.37	5.13	3	Horizontal	197	1.07	-
5230MHz	Pass	AV	5.232G	90.69	Inf	-Inf	5.23	3	Horizontal	197	1.07	-
5230MHz	Pass	PK	5.1452G	58.25	74.00	-15.75	5.13	3	Horizontal	197	1.07	-
5230MHz	Pass	PK	5.2308G	98.02	Inf	-Inf	5.22	3	Horizontal	197	1.07	-
5230MHz	Pass	AV	15.70284G	49.21	54.00	-4.79	17.91	3	Vertical	252	0.00	-
5230MHz	Pass	PK	15.69198G	58.89	74.00	-15.11	17.93	3	Vertical	252	0.00	-
5230MHz	Pass	AV	15.69102G	49.29	54.00	-4.71	17.94	3	Horizontal	204	1.50	-
5230MHz	Pass	PK	15.69222G	59.26	74.00	-14.74	17.93	3	Horizontal	204	1.50	-
5755MHz	Pass	AV	5.7526G	98.14	Inf	-Inf	5.88	3	Vertical	250	1.14	-
5755MHz	Pass	PK	5.6482G	60.52	68.20	-7.68	5.73	3	Vertical	250	1.14	-
5755MHz	Pass	PK	5.7526G	106.00	Inf	-Inf	5.88	3	Vertical	250	1.14	-
5755MHz	Pass	PK	5.9626G	57.77	68.20	-10.43	6.18	3	Vertical	250	1.14	-
5755MHz	Pass	AV	5.7538G	97.12	Inf	-Inf	5.89	3	Horizontal	85	1.10	-
5755MHz	Pass	PK	5.6494G	58.26	68.20	-9.94	5.73	3	Horizontal	85	1.10	-
5755MHz	Pass	PK	5.7574G	104.91	Inf	-Inf	5.89	3	Horizontal	85	1.10	-
5755MHz	Pass	PK	5.9314G	57.89	68.20	-10.31	6.14	3	Horizontal	85	1.10	-
5755MHz	Pass	AV	17.27826G	50.95	54.00	-3.05	19.92	3	Vertical	58	1.50	-
5755MHz	Pass	PK	17.2701G	61.24	74.00	-12.76	19.88	3	Vertical	58	1.50	-
5755MHz	Pass	AV	17.26764G	51.20	54.00	-2.80	19.87	3	Horizontal	186	1.50	-
5755MHz	Pass	PK	17.2632G	60.68	74.00	-13.32	19.85	3	Horizontal	186	1.50	-
5795MHz	Pass	AV	5.7962G	96.74	Inf	-Inf	5.95	3	Vertical	251	1.14	-
5795MHz	Pass	PK	5.531G	57.37	68.20	-10.83	5.56	3	Vertical	251	1.14	-
5795MHz	Pass	PK	5.7938G	104.27	Inf	-Inf	5.94	3	Vertical	251	1.14	-
5795MHz	Pass	PK	5.9618G	59.09	68.20	-9.11	6.18	3	Vertical	251	1.14	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	5.7938G	95.79	Inf	-Inf	5.94	3	Horizontal	85	1.00	-
5795MHz	Pass	PK	5.6318G	57.79	68.20	-10.41	5.71	3	Horizontal	85	1.00	-
5795MHz	Pass	PK	5.7962G	103.68	Inf	-Inf	5.95	3	Horizontal	85	1.00	-
5795MHz	Pass	PK	5.927G	59.91	68.20	-8.29	6.14	3	Horizontal	85	1.00	-
5795MHz	Pass	AV	17.38314G	51.57	54.00	-2.43	20.45	3	Vertical	196	1.50	-
5795MHz	Pass	PK	17.37648G	61.21	74.00	-12.79	20.41	3	Vertical	196	1.50	-
5795MHz	Pass	AV	17.39124G	51.82	54.00	-2.18	20.49	3	Horizontal	195	1.50	-
5795MHz	Pass	PK	17.37438G	61.34	74.00	-12.66	20.40	3	Horizontal	195	1.50	-

802.11a_Nss1,(6Mbps)_1TX

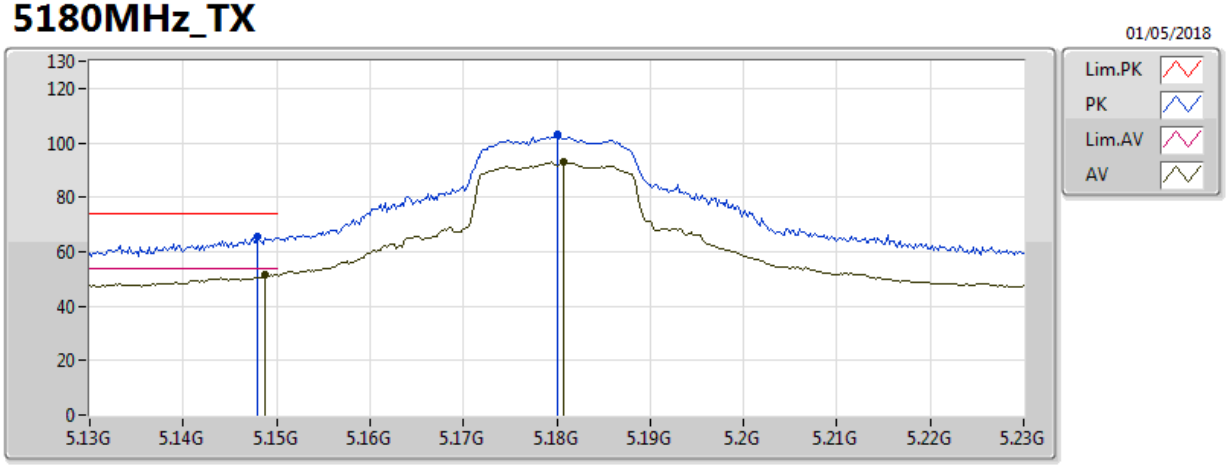
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1498G	52.52	54.00	-1.48	5.13	3	Vertical	249	1.23	-
AV	5.1804G	93.01	Inf	-Inf	5.17	3	Vertical	249	1.23	-
PK	5.1488G	65.93	74.00	-8.07	5.13	3	Vertical	249	1.23	-
PK	5.1798G	103.03	Inf	-Inf	5.17	3	Vertical	249	1.23	-

802.11a_Nss1,(6Mbps)_1TX

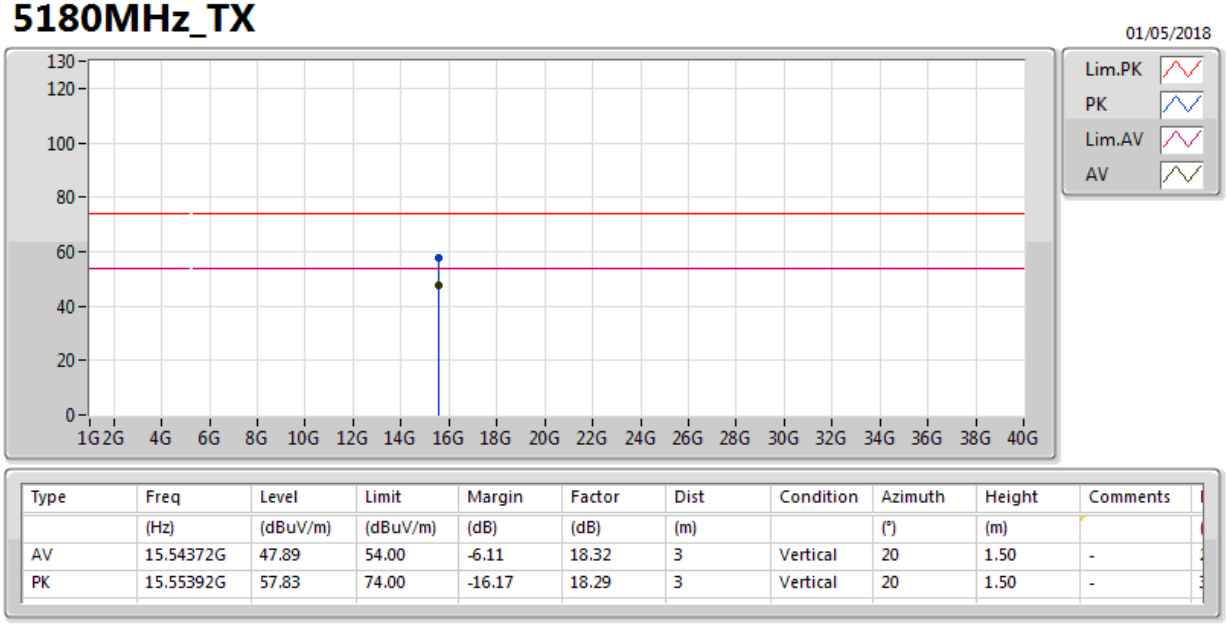
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1488G	51.69	54.00	-2.31	5.13	3	Horizontal	195	1.00	-
AV	5.1808G	93.02	Inf	-Inf	5.17	3	Horizontal	195	1.00	-
PK	5.148G	65.42	74.00	-8.58	5.13	3	Horizontal	195	1.00	-
PK	5.18G	102.95	Inf	-Inf	5.17	3	Horizontal	195	1.00	-

802.11a_Nss1,(6Mbps)_1TX

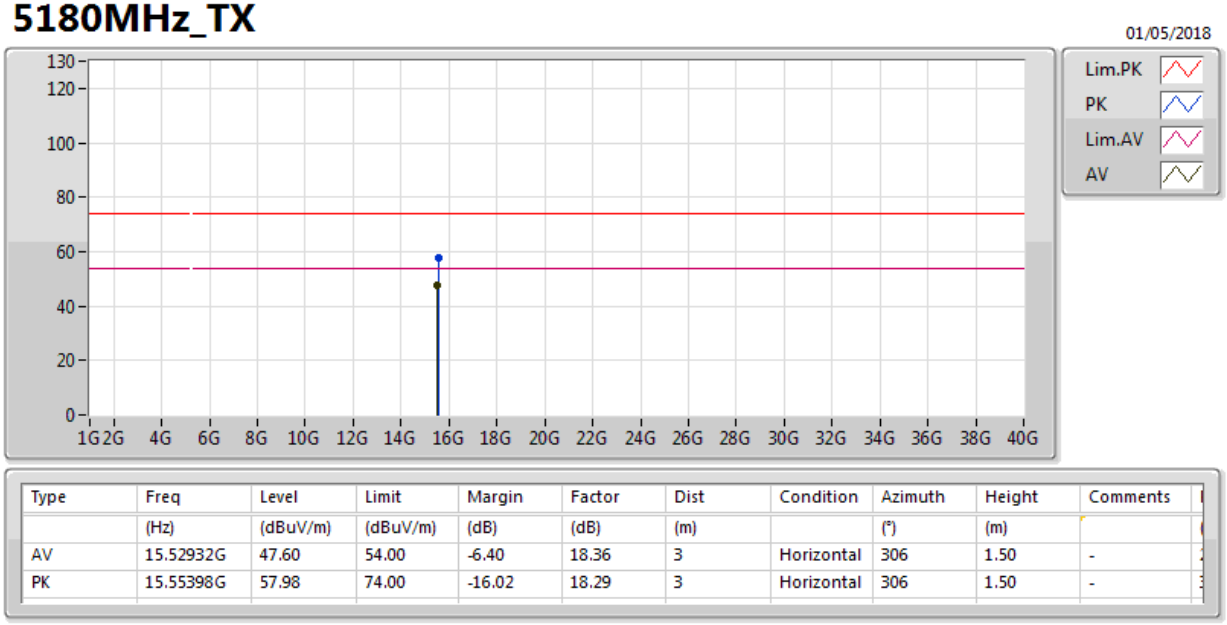
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.54372G	47.89	54.00	-6.11	18.32	3	Vertical	20	1.50	-
PK	15.55392G	57.83	74.00	-16.17	18.29	3	Vertical	20	1.50	-

802.11a_Nss1,(6Mbps)_1TX

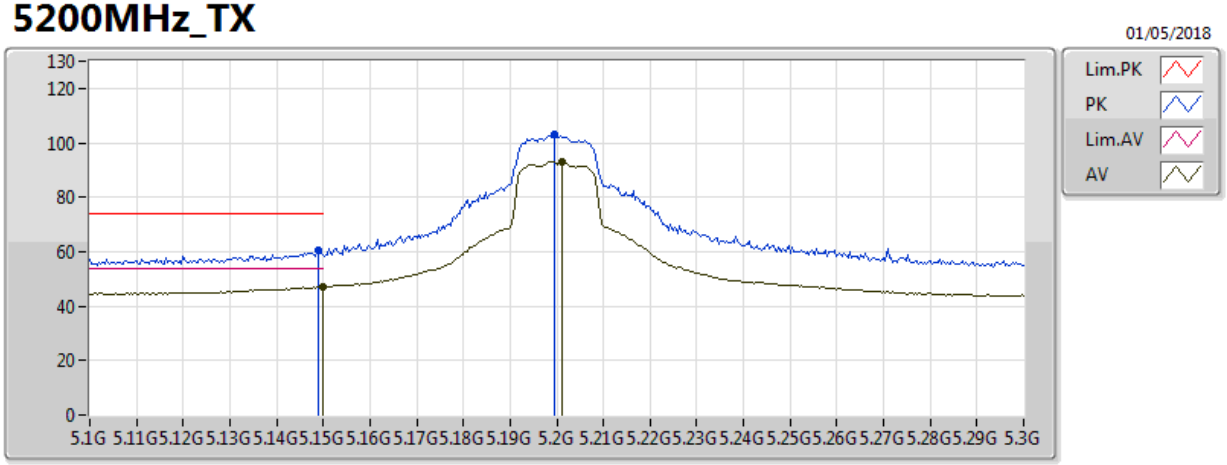
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.52932G	47.60	54.00	-6.40	18.36	3	Horizontal	306	1.50	-
PK	15.55398G	57.98	74.00	-16.02	18.29	3	Horizontal	306	1.50	-

802.11a_Nss1,(6Mbps)_1TX

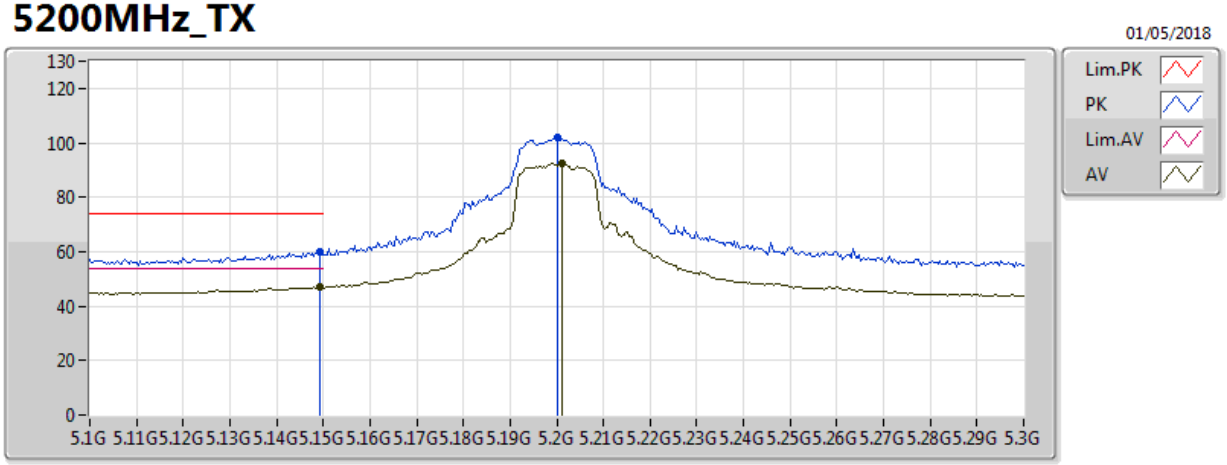
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	47.01	54.00	-6.99	5.13	3	Vertical	255	1.22	-
AV	5.2012G	93.23	Inf	-Inf	5.19	3	Vertical	255	1.22	-
PK	5.1488G	60.66	74.00	-13.34	5.13	3	Vertical	255	1.22	-
PK	5.1996G	103.27	Inf	-Inf	5.19	3	Vertical	255	1.22	-

802.11a_Nss1,(6Mbps)_1TX

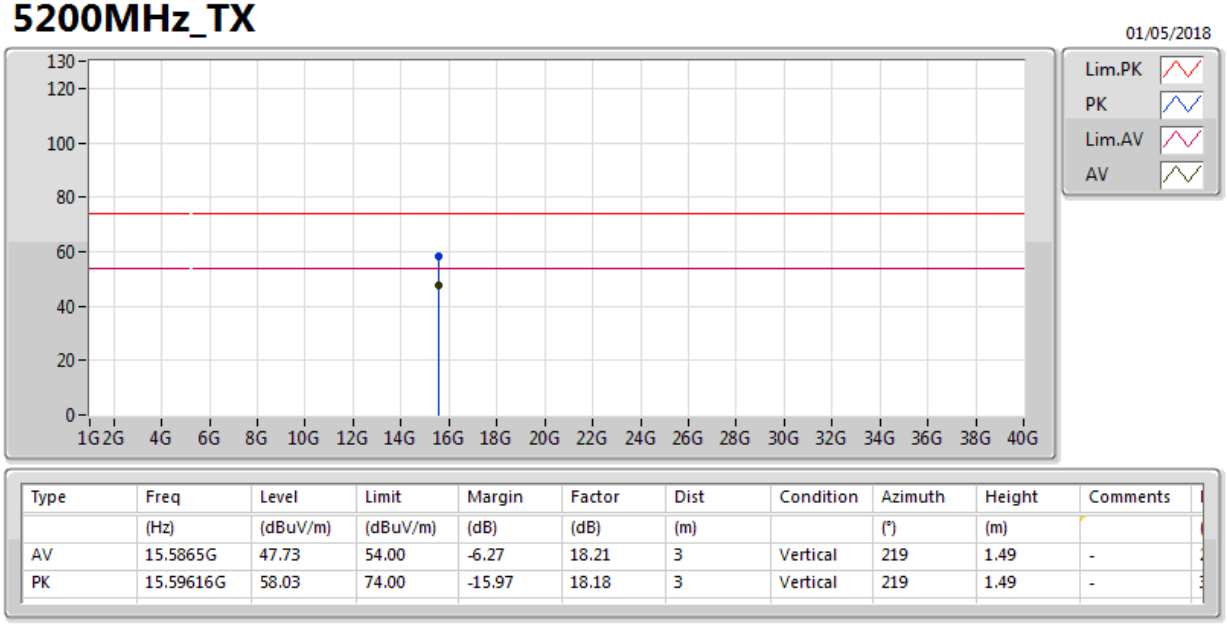
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	47.12	54.00	-6.88	5.13	3	Horizontal	193	1.07	-
AV	5.2012G	92.48	Inf	-Inf	5.19	3	Horizontal	193	1.07	-
PK	5.1492G	60.19	74.00	-13.81	5.13	3	Horizontal	193	1.07	-
PK	5.2G	101.93	Inf	-Inf	5.19	3	Horizontal	193	1.07	-

802.11a_Nss1,(6Mbps)_1TX

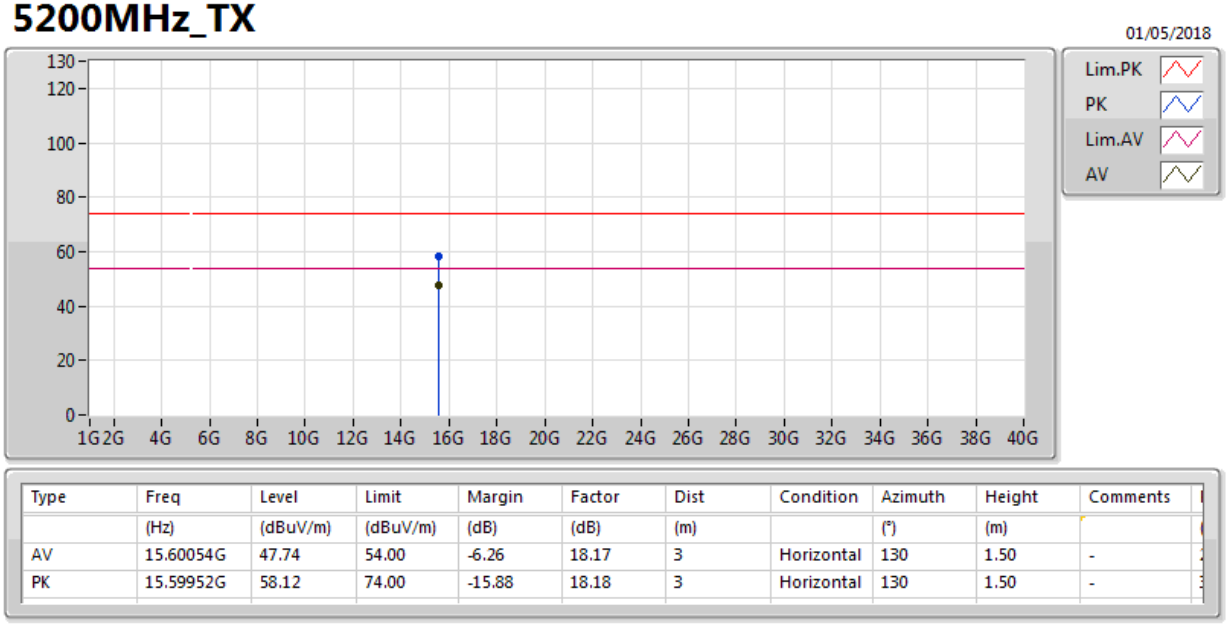
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.5865G	47.73	54.00	-6.27	18.21	3	Vertical	219	1.49	-
PK	15.59616G	58.03	74.00	-15.97	18.18	3	Vertical	219	1.49	-

802.11a_Nss1,(6Mbps)_1TX

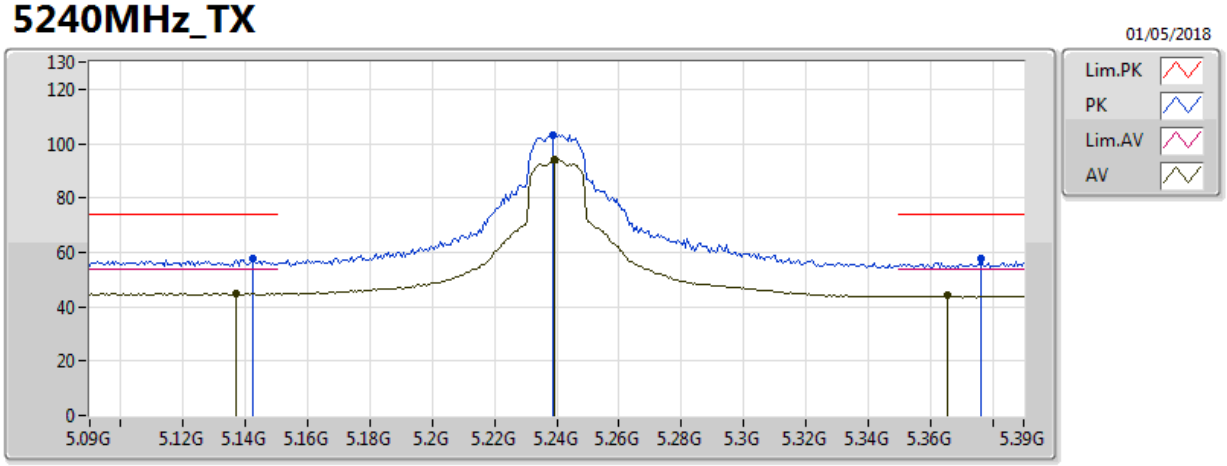
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.60054G	47.74	54.00	-6.26	18.17	3	Horizontal	130	1.50	-
PK	15.59952G	58.12	74.00	-15.88	18.18	3	Horizontal	130	1.50	-

802.11a_Nss1,(6Mbps)_1TX

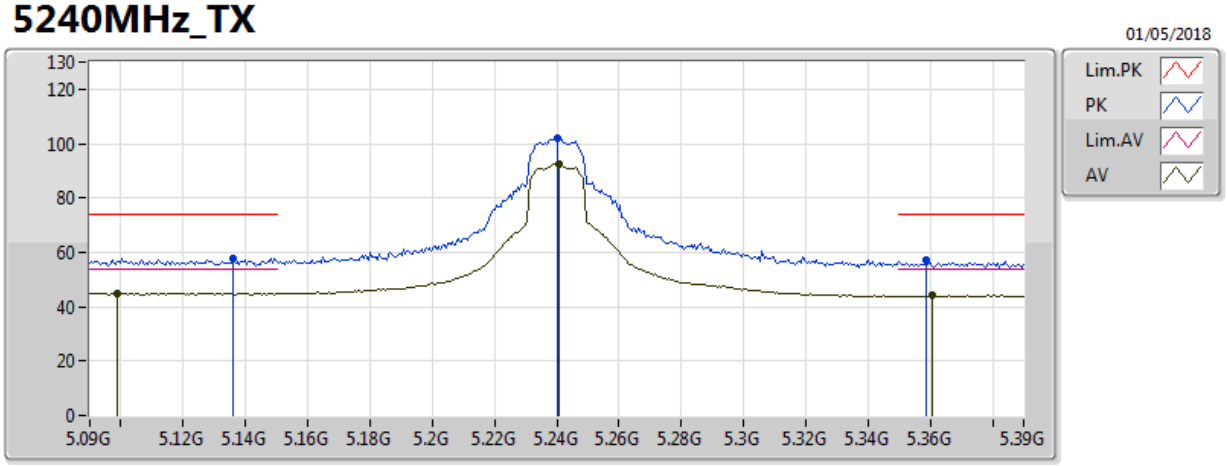
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1368G	45.01	54.00	-8.99	5.12	3	Vertical	252	1.26	-
AV	5.3654G	44.00	54.00	-10.00	5.38	3	Vertical	252	1.26	-
AV	5.2394G	93.88	Inf	-Inf	5.23	3	Vertical	252	1.26	-
PK	5.1422G	57.83	74.00	-16.17	5.13	3	Vertical	252	1.26	-
PK	5.3762G	57.62	74.00	-16.38	5.38	3	Vertical	252	1.26	-
PK	5.2388G	103.35	Inf	-Inf	5.23	3	Vertical	252	1.26	-

802.11a_Nss1,(6Mbps)_1TX

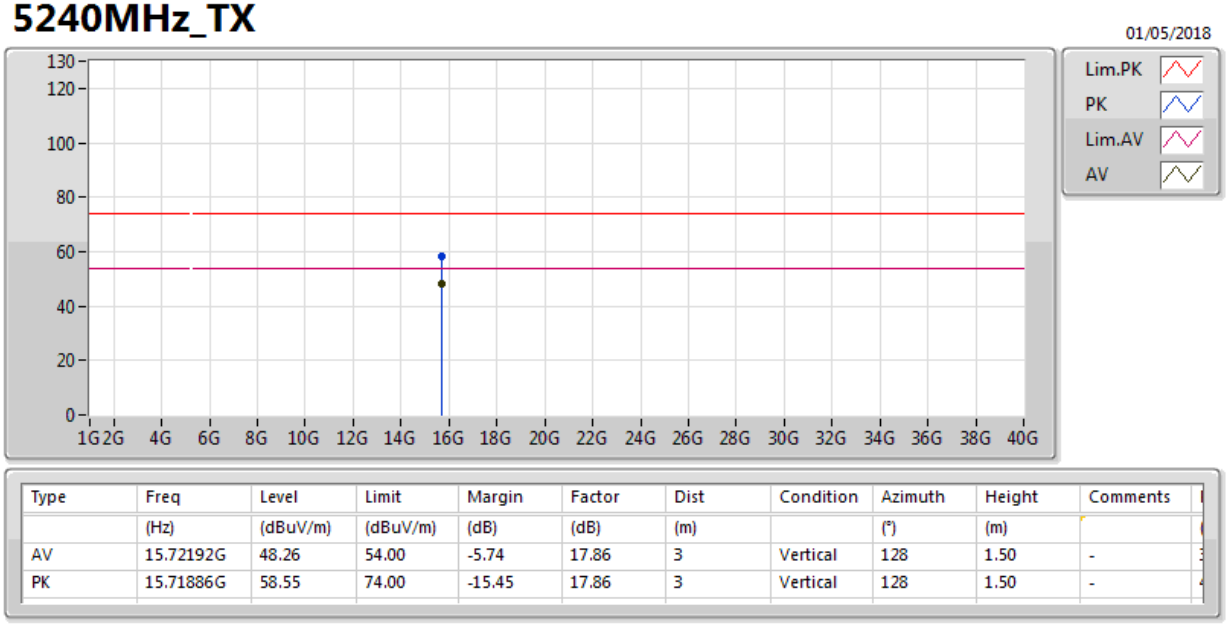
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.099G	44.94	54.00	-9.06	5.08	3	Horizontal	190	1.17	-
AV	5.3606G	44.08	54.00	-9.92	5.36	3	Horizontal	190	1.17	-
AV	5.2406G	92.68	Inf	-Inf	5.23	3	Horizontal	190	1.17	-
PK	5.1362G	57.82	74.00	-16.18	5.12	3	Horizontal	190	1.17	-
PK	5.3588G	57.10	74.00	-16.90	5.36	3	Horizontal	190	1.17	-
PK	5.24G	102.24	Inf	-Inf	5.23	3	Horizontal	190	1.17	-

802.11a_Nss1,(6Mbps)_1TX

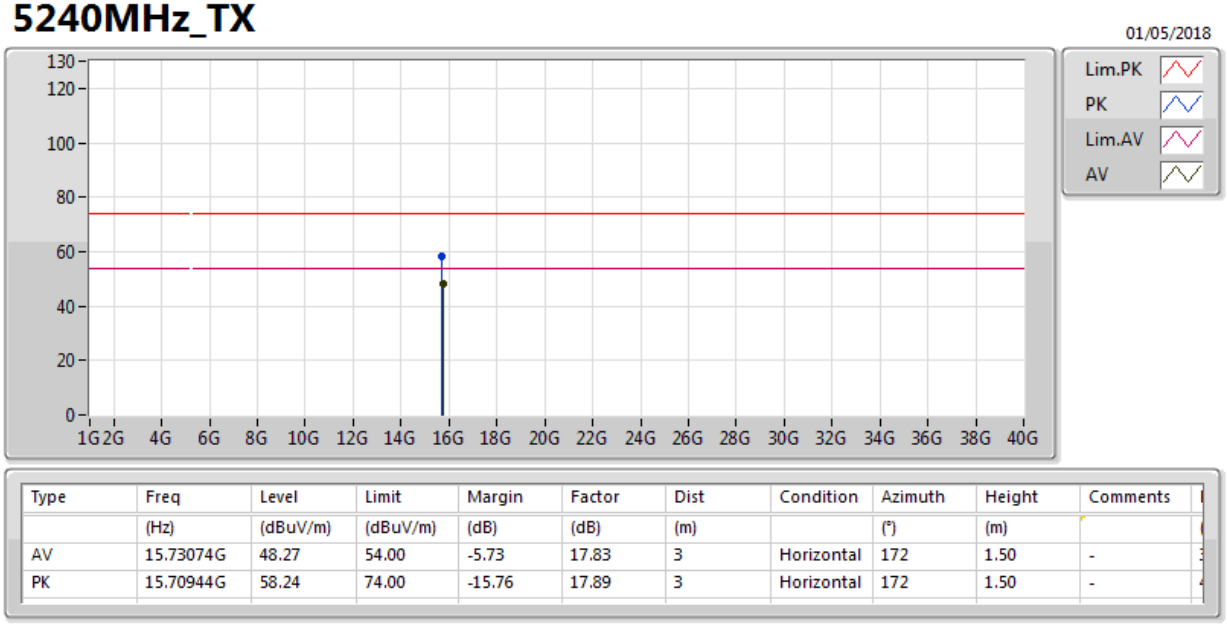
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.72192G	48.26	54.00	-5.74	17.86	3	Vertical	128	1.50	-
PK	15.71886G	58.55	74.00	-15.45	17.86	3	Vertical	128	1.50	-

802.11a_Nss1,(6Mbps)_1TX

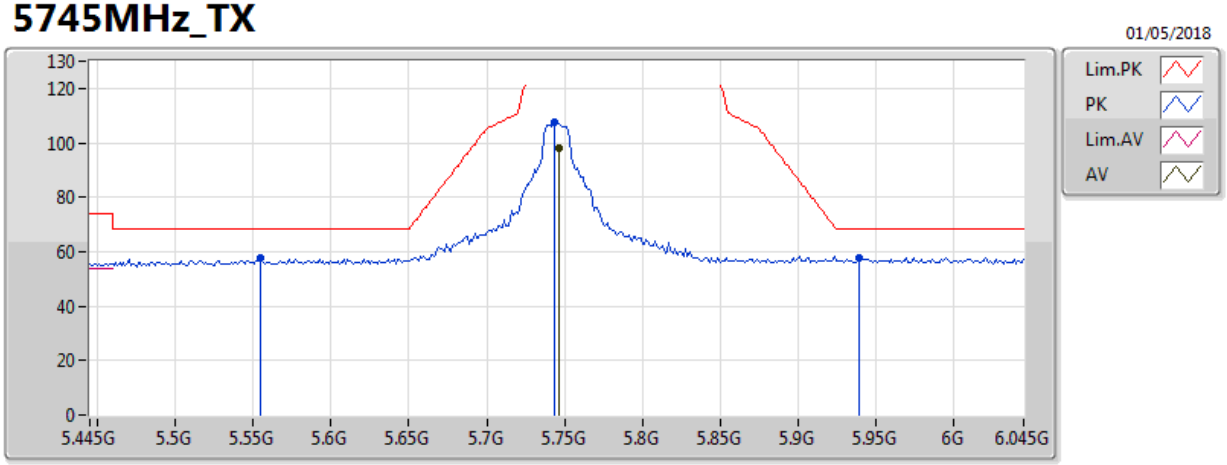
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.73074G	48.27	54.00	-5.73	17.83	3	Horizontal	172	1.50	-
PK	15.70944G	58.24	74.00	-15.76	17.89	3	Horizontal	172	1.50	-

802.11a_Nss1,(6Mbps)_1TX

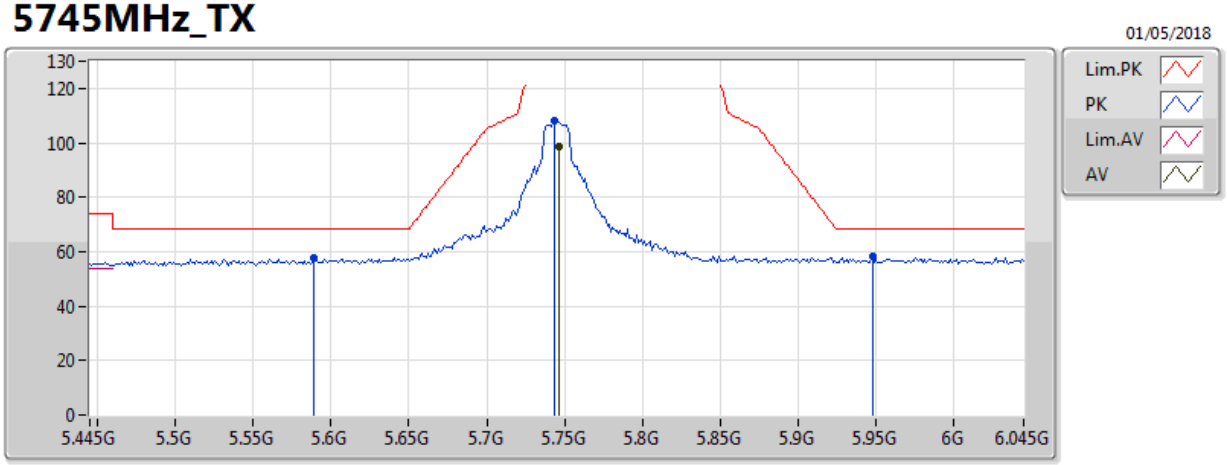
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7462G	98.25	Inf	-Inf	5.87	3	Vertical	243	1.13	-
PK	5.5542G	57.44	68.20	-10.76	5.60	3	Vertical	243	1.13	-
PK	5.7438G	107.63	Inf	-Inf	5.87	3	Vertical	243	1.13	-
PK	5.9394G	57.92	68.20	-10.28	6.16	3	Vertical	243	1.13	-

802.11a_Nss1,(6Mbps)_1TX

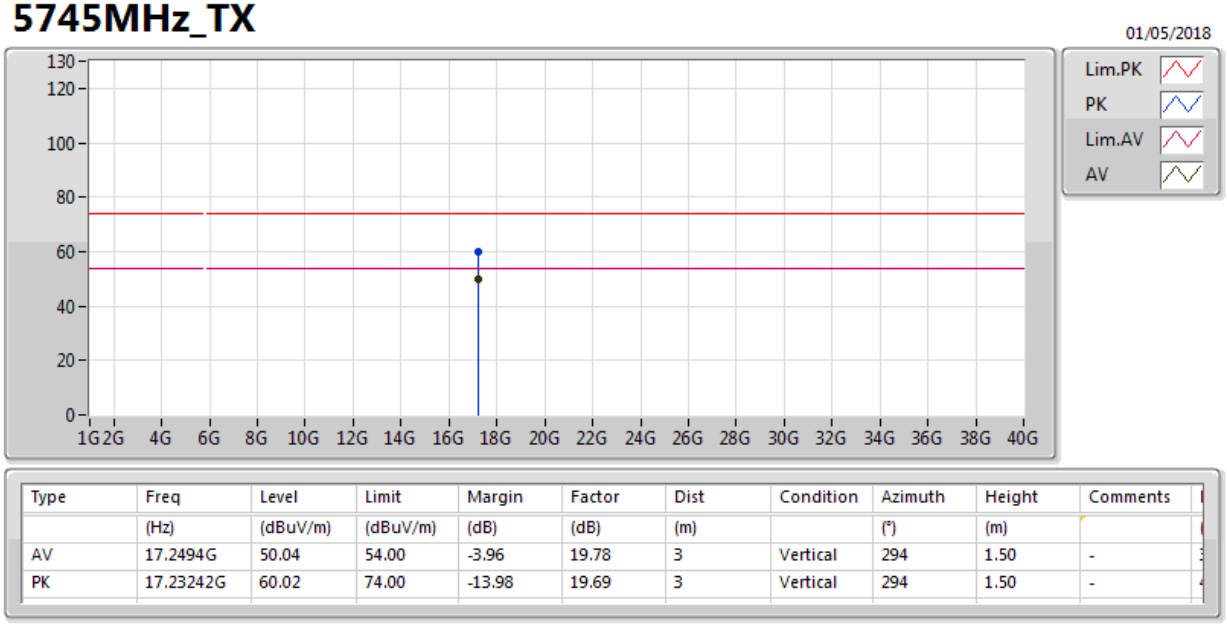
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7462G	98.72	Inf	-Inf	5.87	3	Horizontal	187	1.01	-
PK	5.589G	57.74	68.20	-10.46	5.65	3	Horizontal	187	1.01	-
PK	5.7438G	107.94	Inf	-Inf	5.87	3	Horizontal	187	1.01	-
PK	5.9478G	58.01	68.20	-10.19	6.16	3	Horizontal	187	1.01	-

802.11a_Nss1,(6Mbps)_1TX

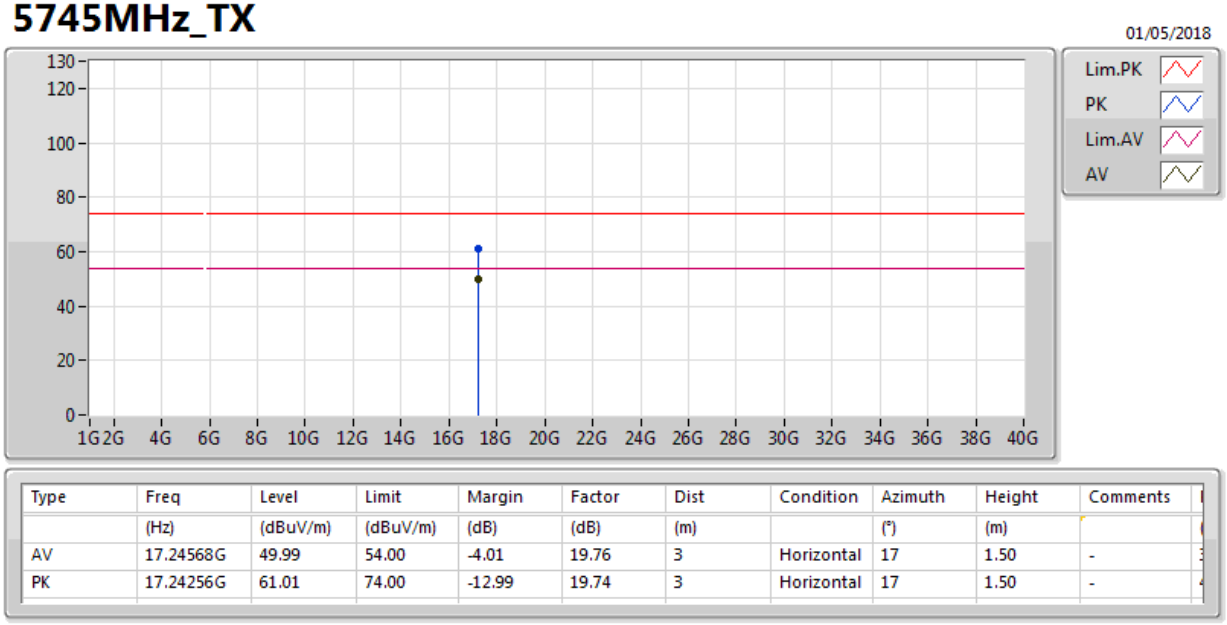
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.2494G	50.04	54.00	-3.96	19.78	3	Vertical	294	1.50	-
PK	17.23242G	60.02	74.00	-13.98	19.69	3	Vertical	294	1.50	-

802.11a_Nss1,(6Mbps)_1TX

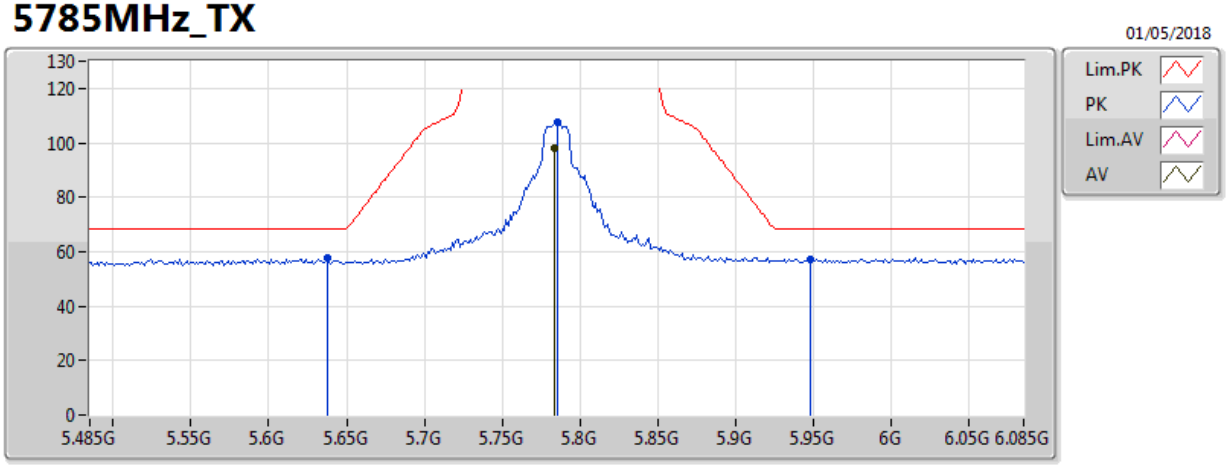
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.24568G	49.99	54.00	-4.01	19.76	3	Horizontal	17	1.50	-
PK	17.24256G	61.01	74.00	-12.99	19.74	3	Horizontal	17	1.50	-

802.11a_Nss1,(6Mbps)_1TX

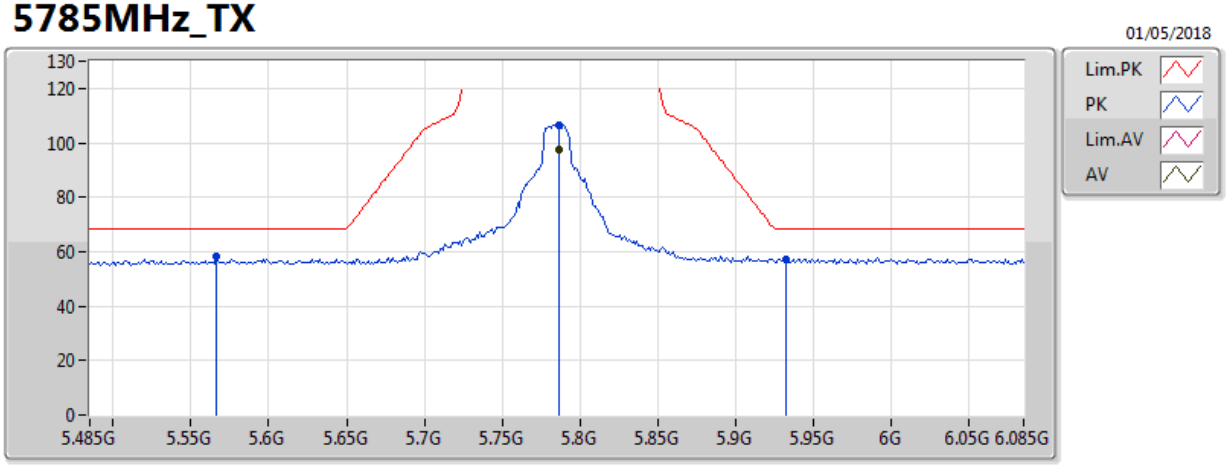
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	97.90	Inf	-Inf	5.93	3	Vertical	243	1.10	-
PK	5.6374G	57.56	68.20	-10.64	5.72	3	Vertical	243	1.10	-
PK	5.785G	107.64	Inf	-Inf	5.93	3	Vertical	243	1.10	-
PK	5.9482G	57.41	68.20	-10.79	6.16	3	Vertical	243	1.10	-

802.11a_Nss1,(6Mbps)_1TX

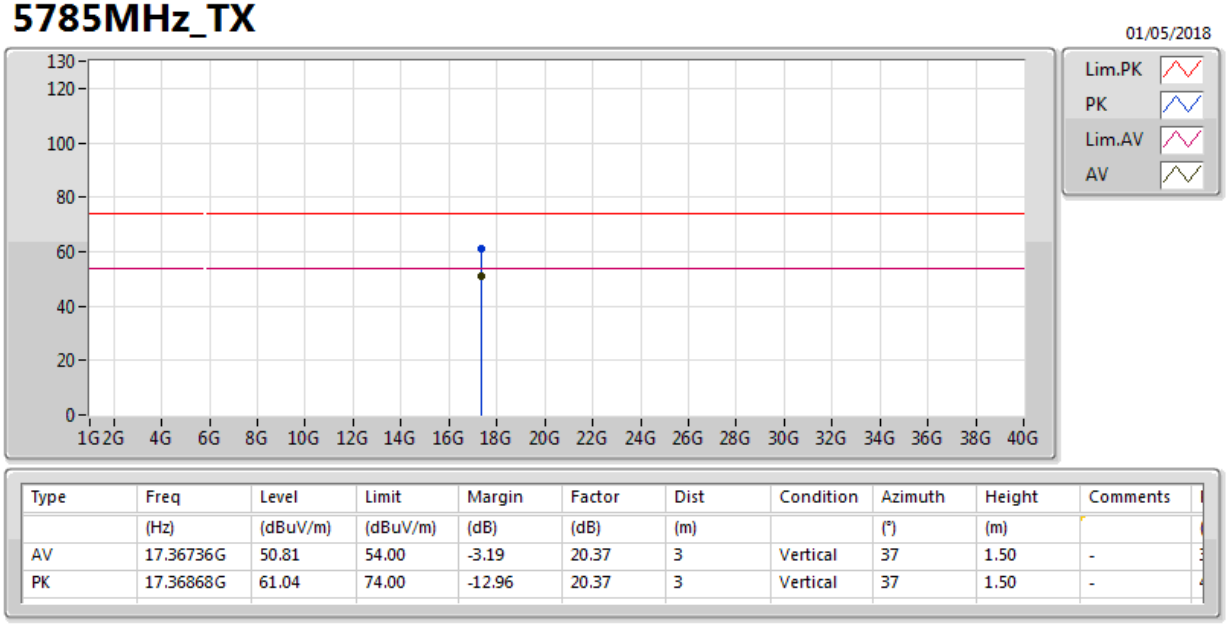
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7862G	97.53	Inf	-Inf	5.93	3	Horizontal	183	1.01	-
PK	5.5666G	58.20	68.20	-10.00	5.62	3	Horizontal	183	1.01	-
PK	5.7862G	106.43	Inf	-Inf	5.93	3	Horizontal	183	1.01	-
PK	5.9326G	57.39	68.20	-10.81	6.14	3	Horizontal	183	1.01	-

802.11a_Nss1,(6Mbps)_1TX

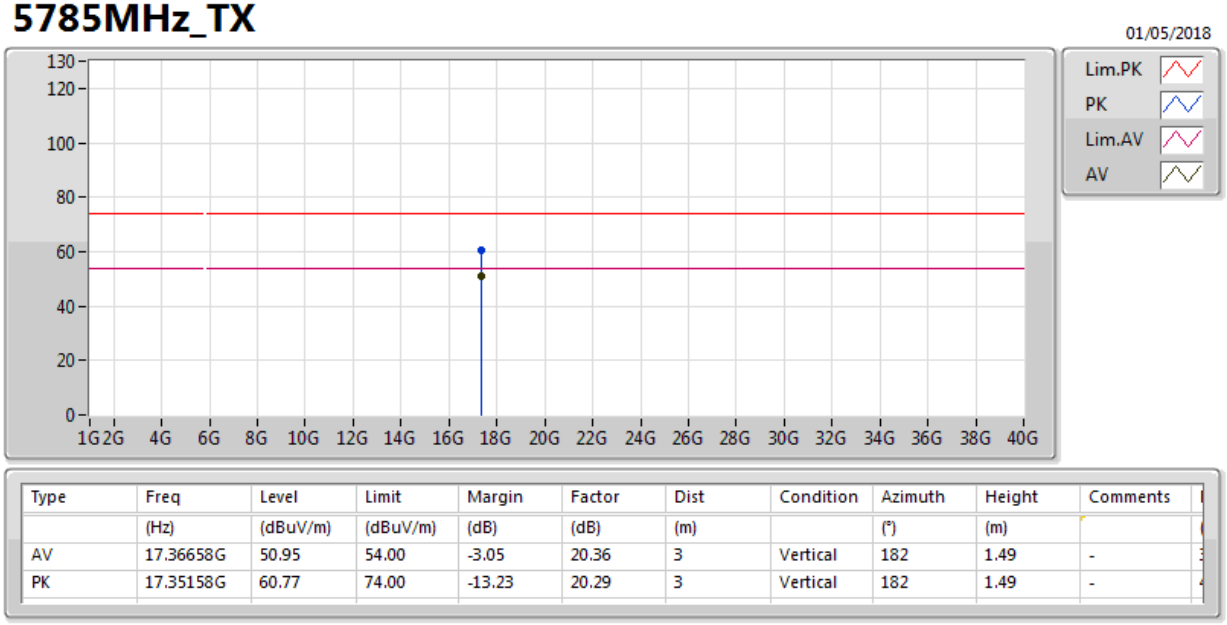
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.36736G	50.81	54.00	-3.19	20.37	3	Vertical	37	1.50	-
PK	17.36868G	61.04	74.00	-12.96	20.37	3	Vertical	37	1.50	-

802.11a_Nss1,(6Mbps)_1TX

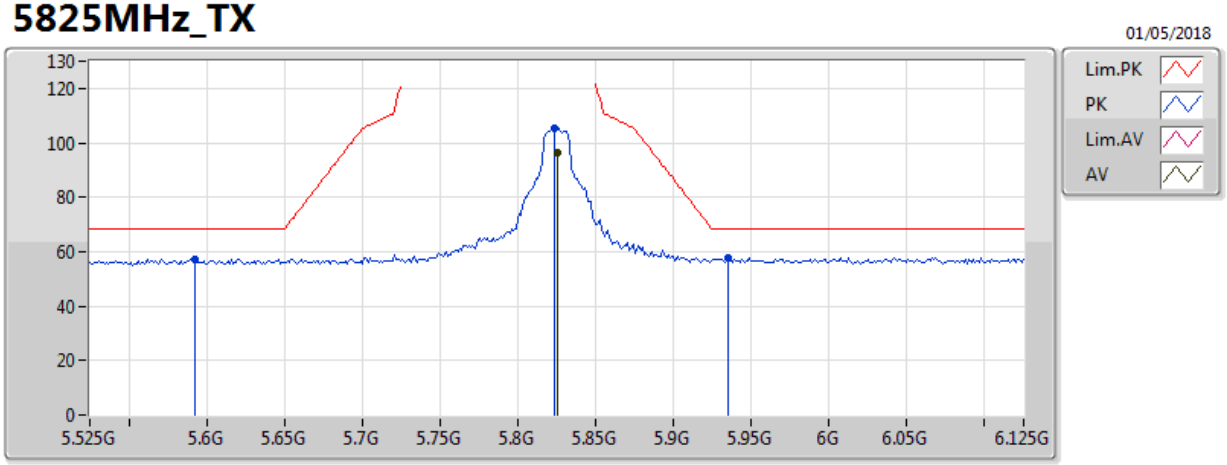
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.36658G	50.95	54.00	-3.05	20.36	3	Vertical	182	1.49	-
PK	17.35158G	60.77	74.00	-13.23	20.29	3	Vertical	182	1.49	-

802.11a_Nss1,(6Mbps)_1TX

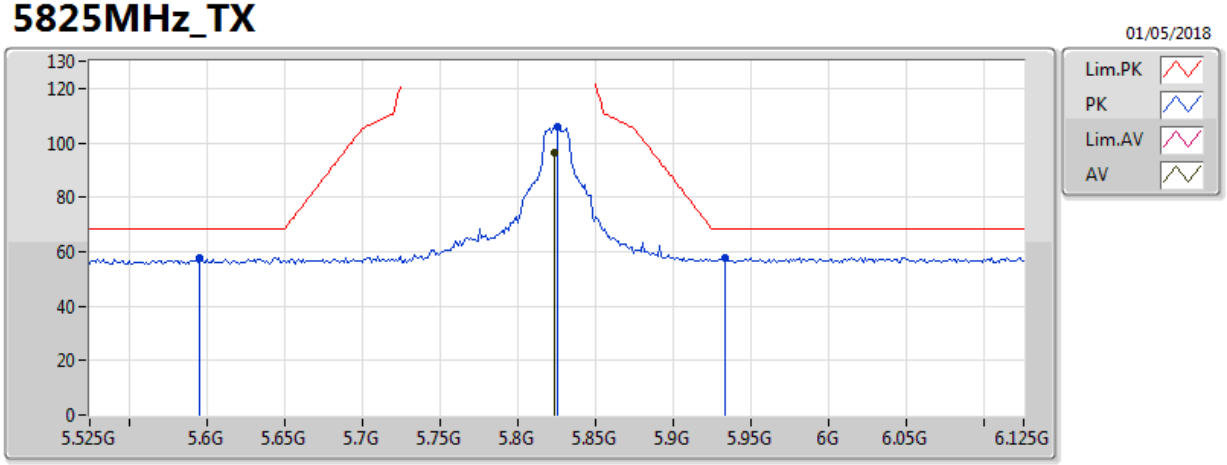
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.825G	96.29	Inf	-Inf	5.99	3	Vertical	242	1.30	-
PK	5.5922G	57.37	68.20	-10.83	5.65	3	Vertical	242	1.30	-
PK	5.8238G	105.49	Inf	-Inf	5.99	3	Vertical	242	1.30	-
PK	5.9354G	57.88	68.20	-10.32	6.15	3	Vertical	242	1.30	-

802.11a_Nss1,(6Mbps)_1TX

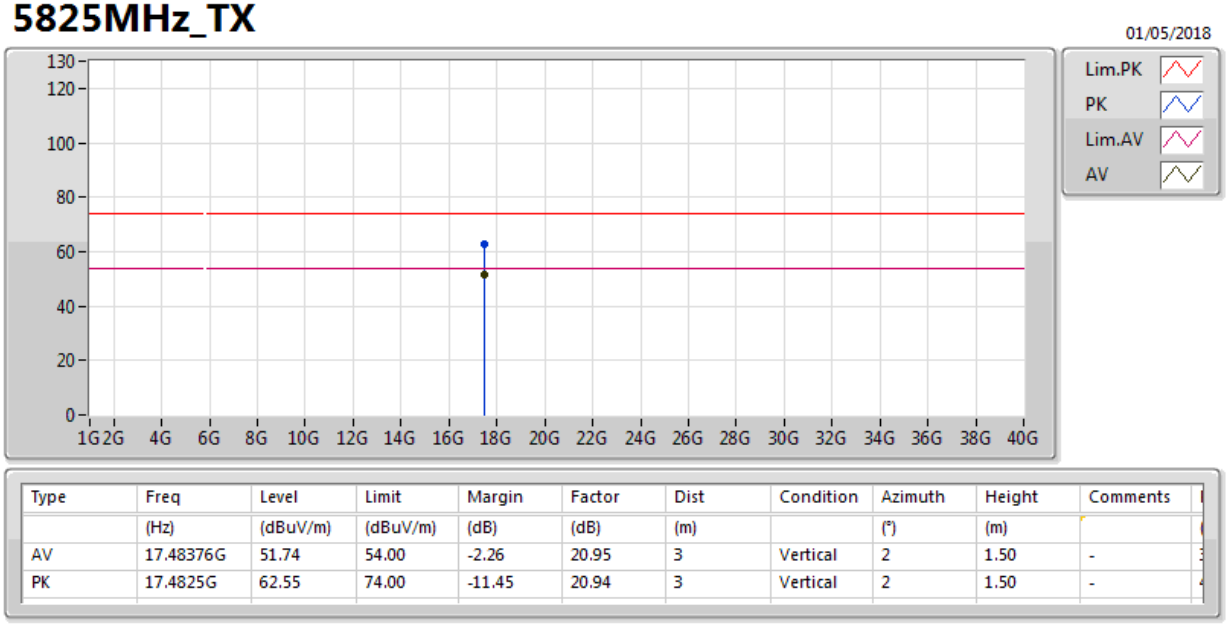
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8238G	96.49	Inf	-Inf	5.99	3	Horizontal	184	1.01	-
PK	5.5958G	57.88	68.20	-10.32	5.67	3	Horizontal	184	1.01	-
PK	5.825G	105.93	Inf	-Inf	5.99	3	Horizontal	184	1.01	-
PK	5.933G	57.81	68.20	-10.39	6.14	3	Horizontal	184	1.01	-

802.11a_Nss1,(6Mbps)_1TX

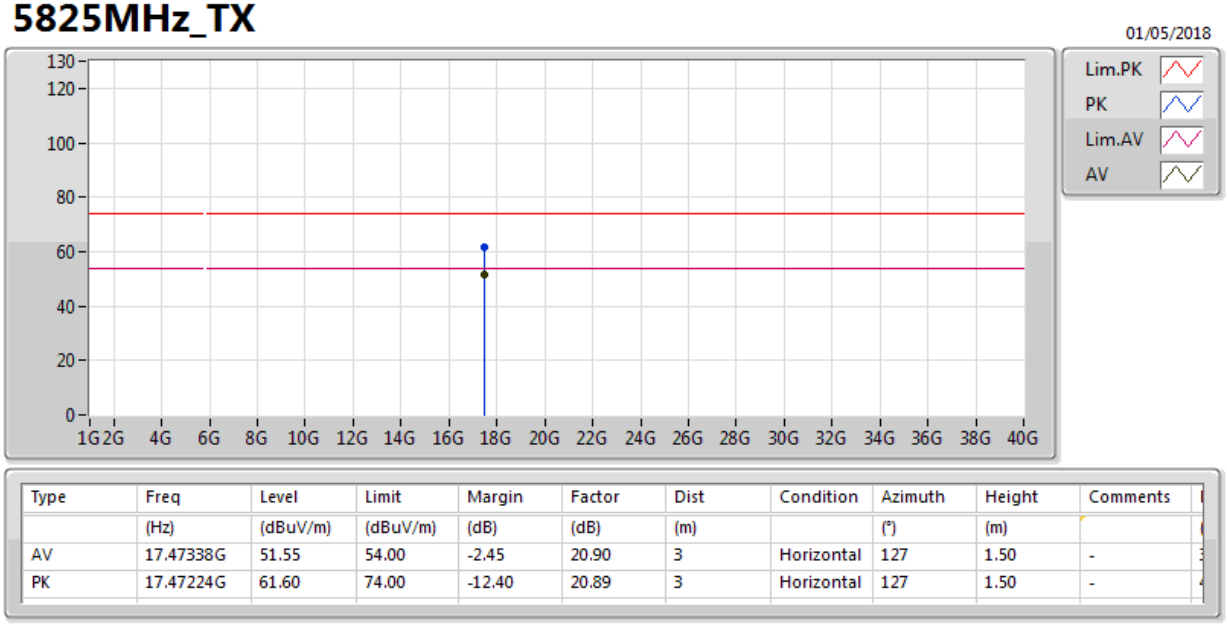
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.48376G	51.74	54.00	-2.26	20.95	3	Vertical	2	1.50	-
PK	17.4825G	62.55	74.00	-11.45	20.94	3	Vertical	2	1.50	-

802.11a_Nss1,(6Mbps)_1TX

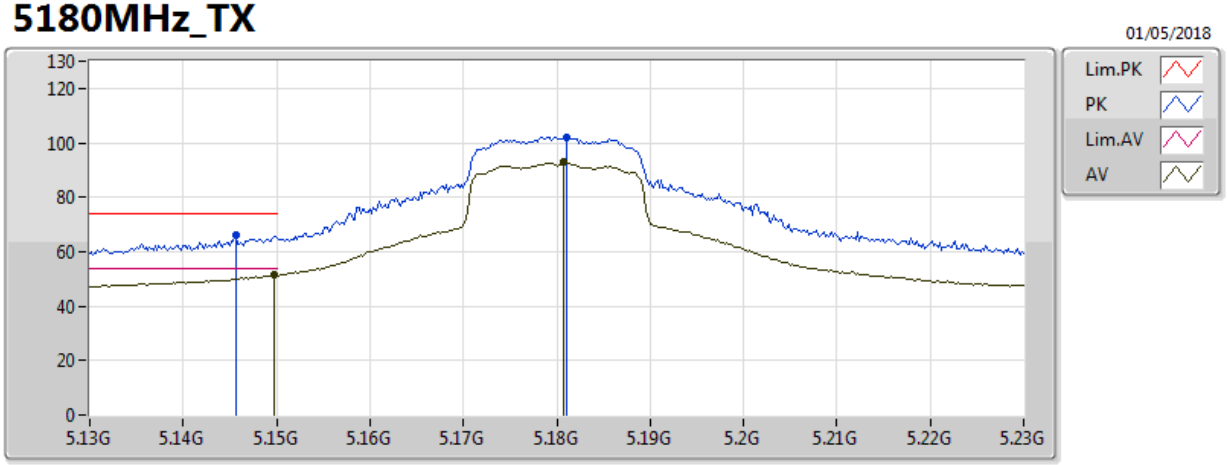
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.47338G	51.55	54.00	-2.45	20.90	3	Horizontal	127	1.50	-
PK	17.47224G	61.60	74.00	-12.40	20.89	3	Horizontal	127	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

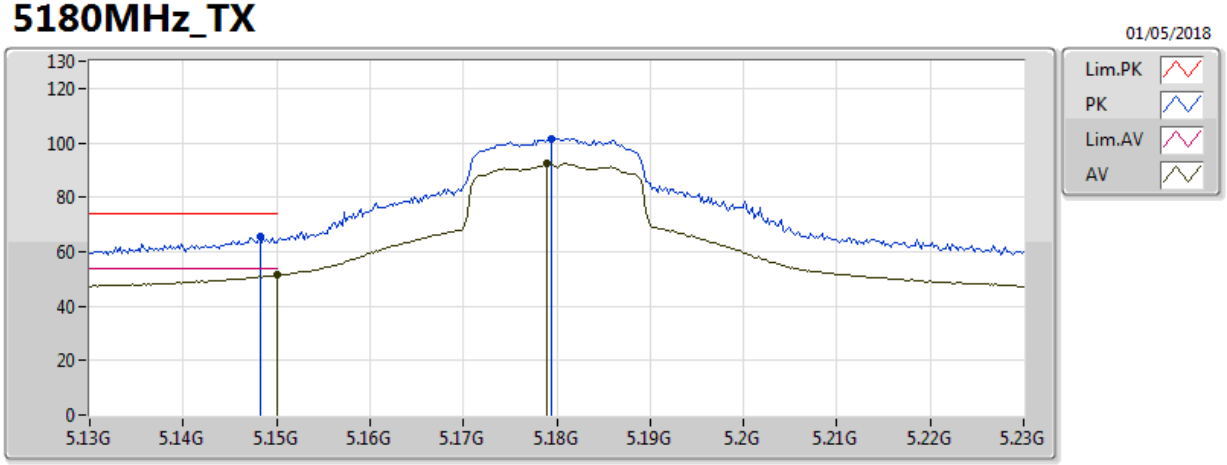
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1498G	51.47	54.00	-2.53	5.13	3	Vertical	247	1.20	-
AV	5.1808G	92.74	Inf	-Inf	5.17	3	Vertical	247	1.20	-
PK	5.1456G	65.92	74.00	-8.08	5.13	3	Vertical	247	1.20	-
PK	5.181G	102.16	Inf	-Inf	5.17	3	Vertical	247	1.20	-

802.11n HT20_Nss1,(MCS0)_1TX

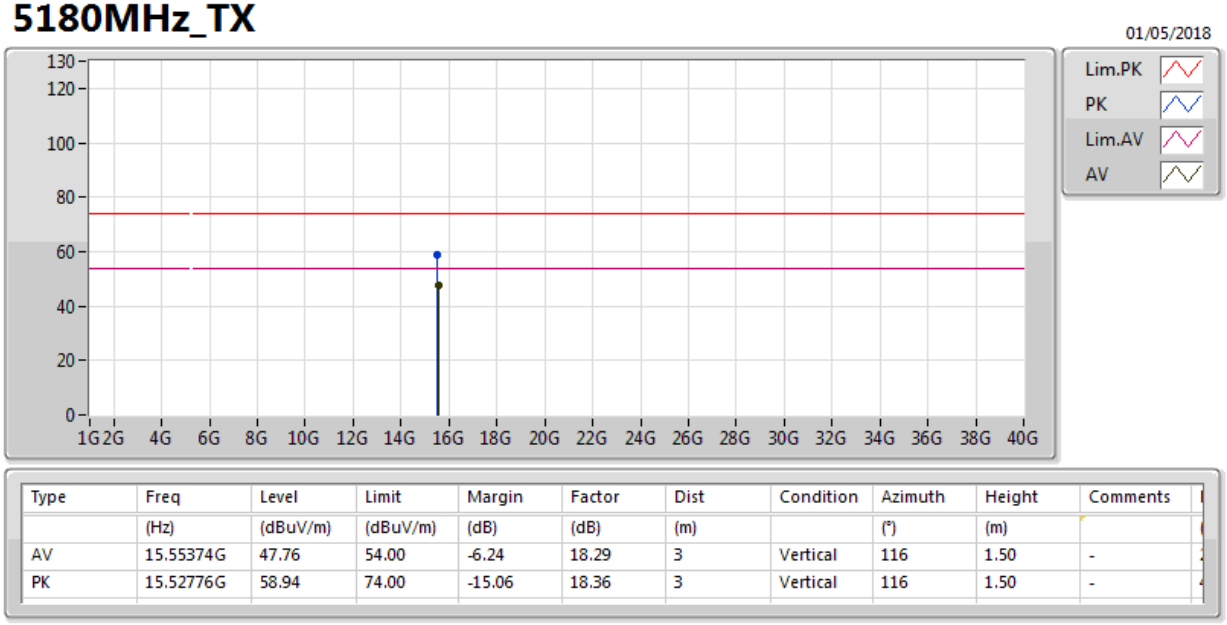
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	51.33	54.00	-2.67	5.13	3	Horizontal	182	1.01	-
AV	5.179G	92.28	Inf	-Inf	5.17	3	Horizontal	182	1.01	-
PK	5.1482G	65.29	74.00	-8.71	5.13	3	Horizontal	182	1.01	-
PK	5.1794G	101.64	Inf	-Inf	5.17	3	Horizontal	182	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

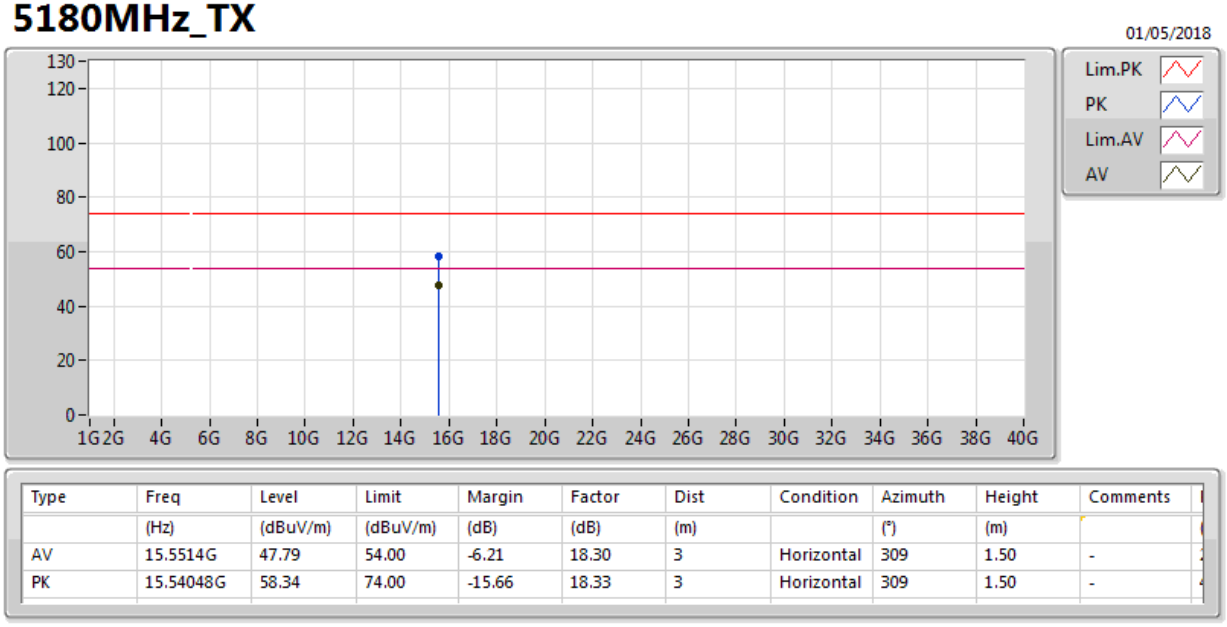
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.55374G	47.76	54.00	-6.24	18.29	3	Vertical	116	1.50	-
PK	15.52776G	58.94	74.00	-15.06	18.36	3	Vertical	116	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

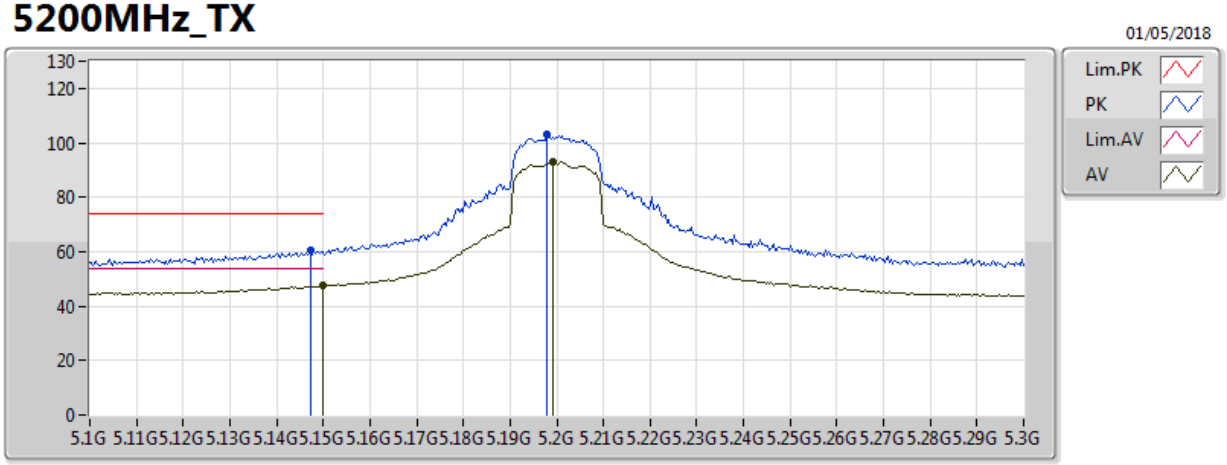
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.5514G	47.79	54.00	-6.21	18.30	3	Horizontal	309	1.50	-
PK	15.54048G	58.34	74.00	-15.66	18.33	3	Horizontal	309	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

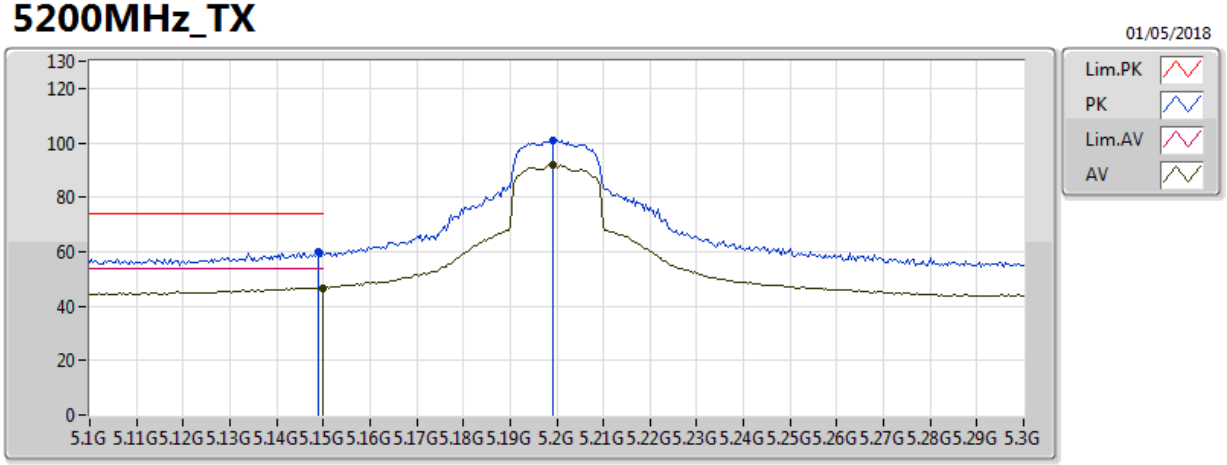
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	47.60	54.00	-6.40	5.13	3	Vertical	244	1.31	-
AV	5.1992G	92.95	Inf	-Inf	5.19	3	Vertical	244	1.31	-
PK	5.1472G	60.36	74.00	-13.64	5.13	3	Vertical	244	1.31	-
PK	5.198G	103.09	Inf	-Inf	5.19	3	Vertical	244	1.31	-

802.11n HT20_Nss1,(MCS0)_1TX

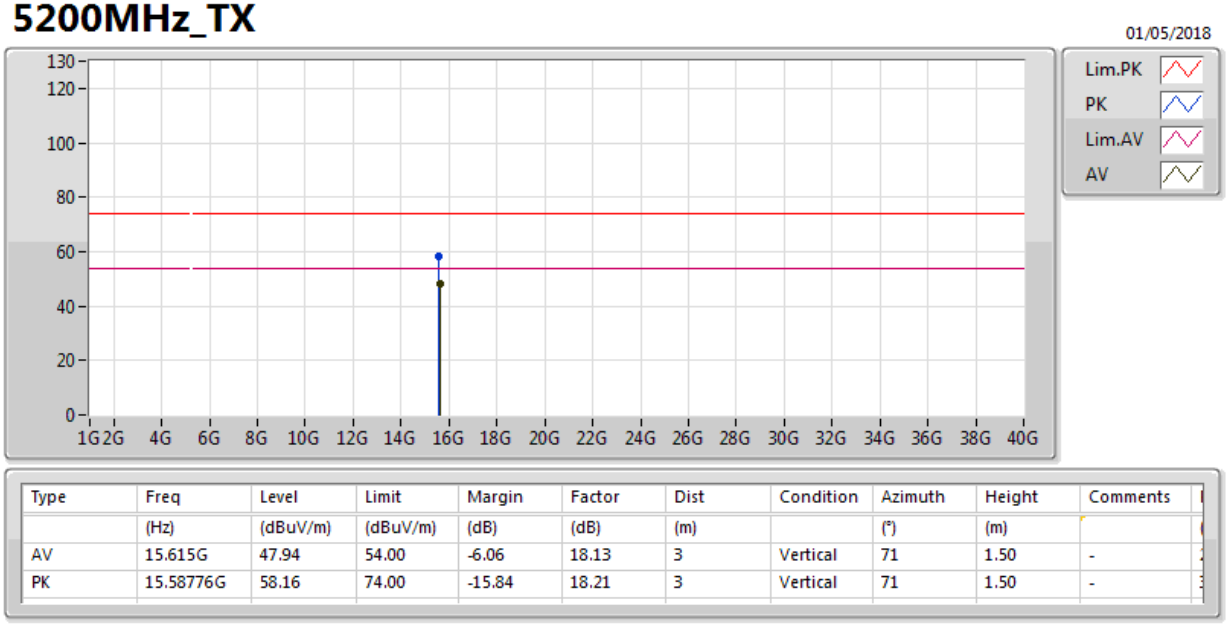
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	46.59	54.00	-7.41	5.13	3	Horizontal	181	1.04	-
AV	5.1992G	91.90	Inf	-Inf	5.19	3	Horizontal	181	1.04	-
PK	5.1488G	60.22	74.00	-13.78	5.13	3	Horizontal	181	1.04	-
PK	5.1992G	100.75	Inf	-Inf	5.19	3	Horizontal	181	1.04	-

802.11n HT20_Nss1,(MCS0)_1TX

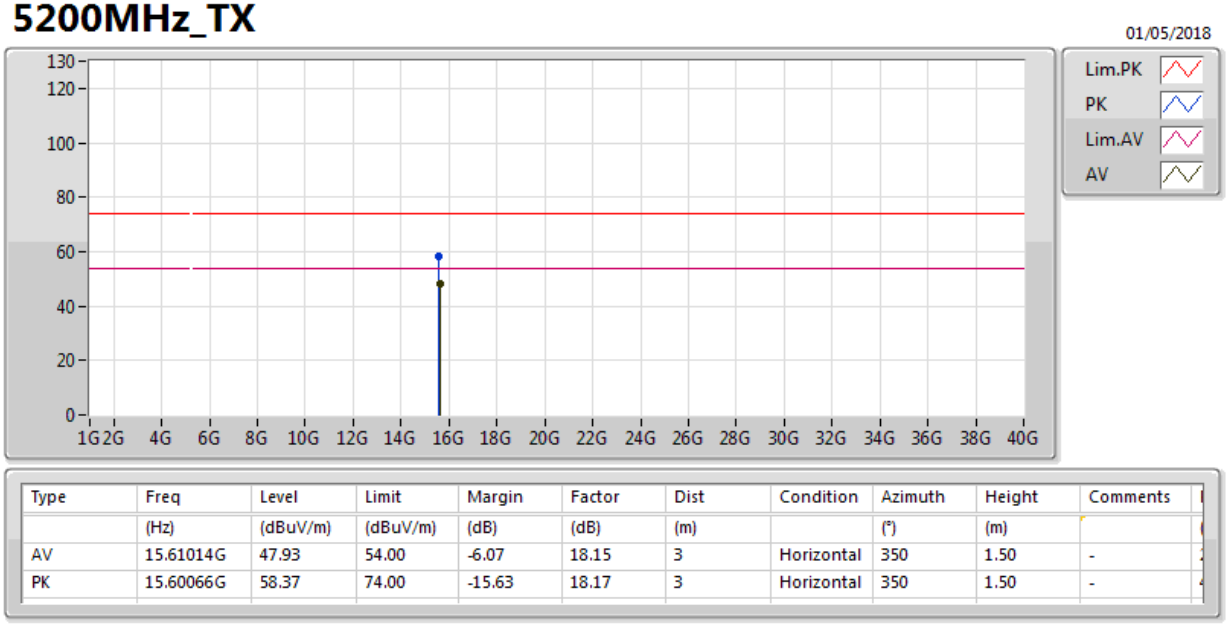
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.615G	47.94	54.00	-6.06	18.13	3	Vertical	71	1.50	-
PK	15.58776G	58.16	74.00	-15.84	18.21	3	Vertical	71	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

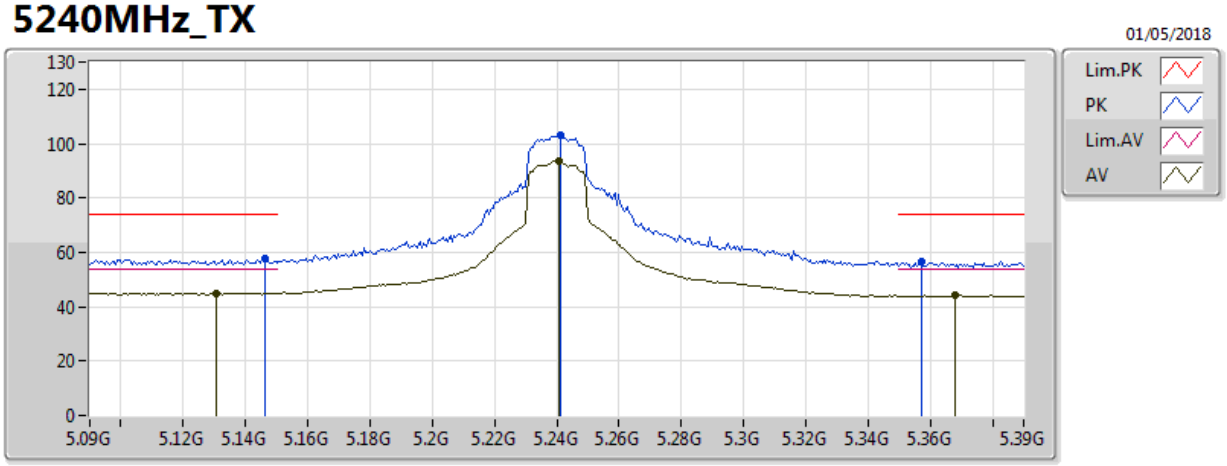
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.61014G	47.93	54.00	-6.07	18.15	3	Horizontal	350	1.50	-
PK	15.60066G	58.37	74.00	-15.63	18.17	3	Horizontal	350	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

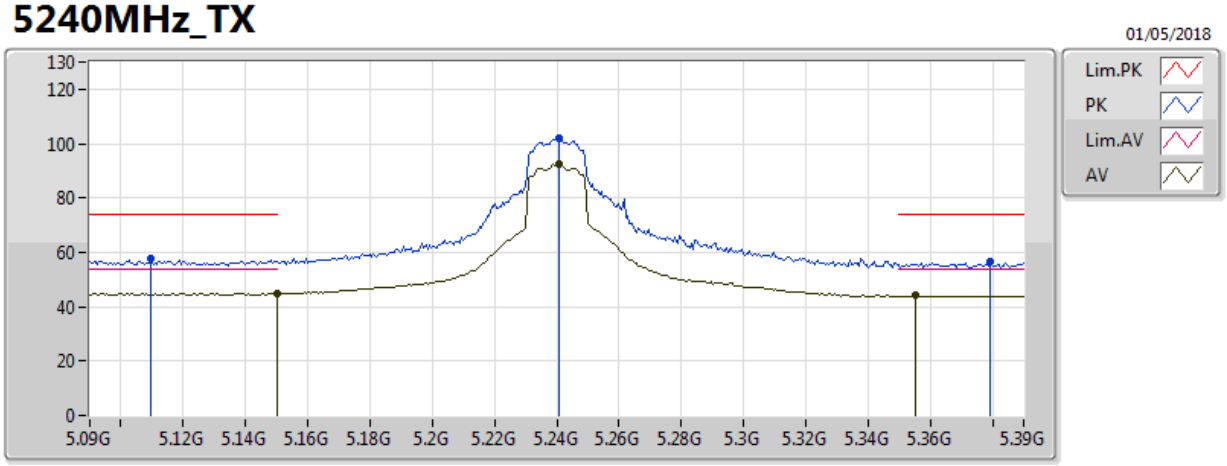
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1308G	45.05	54.00	-8.95	5.11	3	Vertical	245	1.26	-
AV	5.2406G	93.73	Inf	-Inf	5.23	3	Vertical	245	1.26	-
AV	5.3678G	44.13	54.00	-9.87	5.38	3	Vertical	245	1.26	-
PK	5.1464G	57.44	74.00	-16.56	5.13	3	Vertical	245	1.26	-
PK	5.2412G	103.02	Inf	-Inf	5.24	3	Vertical	245	1.26	-
PK	5.357G	56.69	74.00	-17.31	5.36	3	Vertical	245	1.26	-

802.11n HT20_Nss1,(MCS0)_1TX

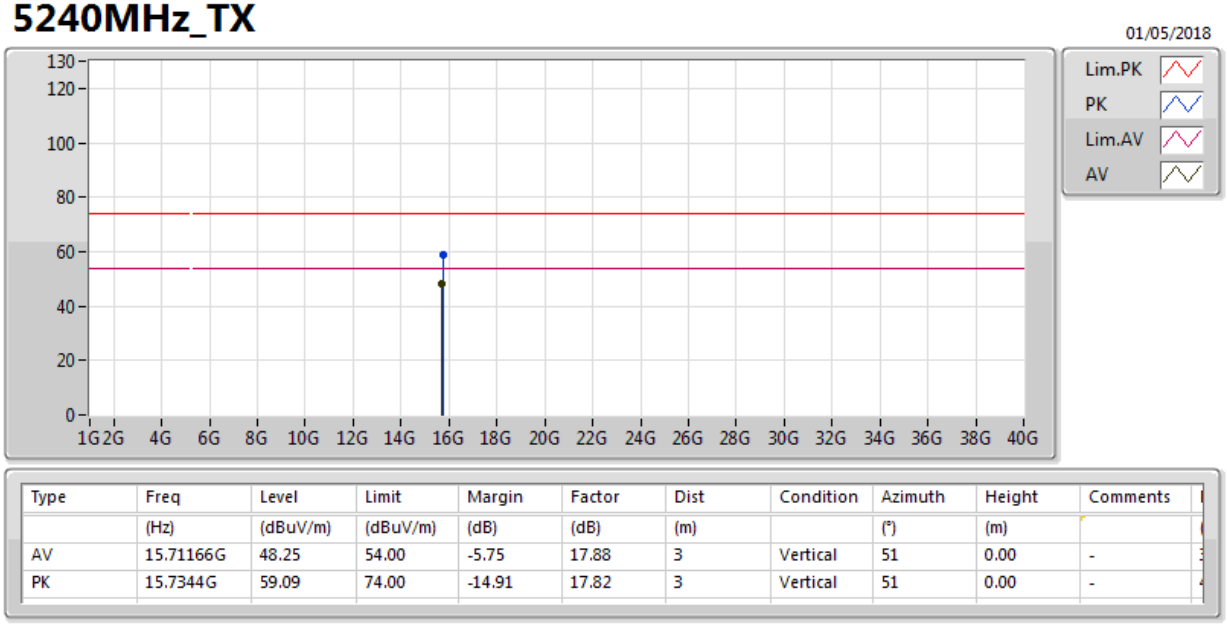
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	44.89	54.00	-9.11	5.13	3	Horizontal	182	1.17	-
AV	5.2406G	92.29	Inf	-Inf	5.23	3	Horizontal	182	1.17	-
AV	5.3552G	44.00	54.00	-10.00	5.36	3	Horizontal	182	1.17	-
PK	5.1098G	57.46	74.00	-16.54	5.09	3	Horizontal	182	1.17	-
PK	5.2406G	101.98	Inf	-Inf	5.23	3	Horizontal	182	1.17	-
PK	5.3792G	56.32	74.00	-17.68	5.39	3	Horizontal	182	1.17	-

802.11n HT20_Nss1,(MCS0)_1TX

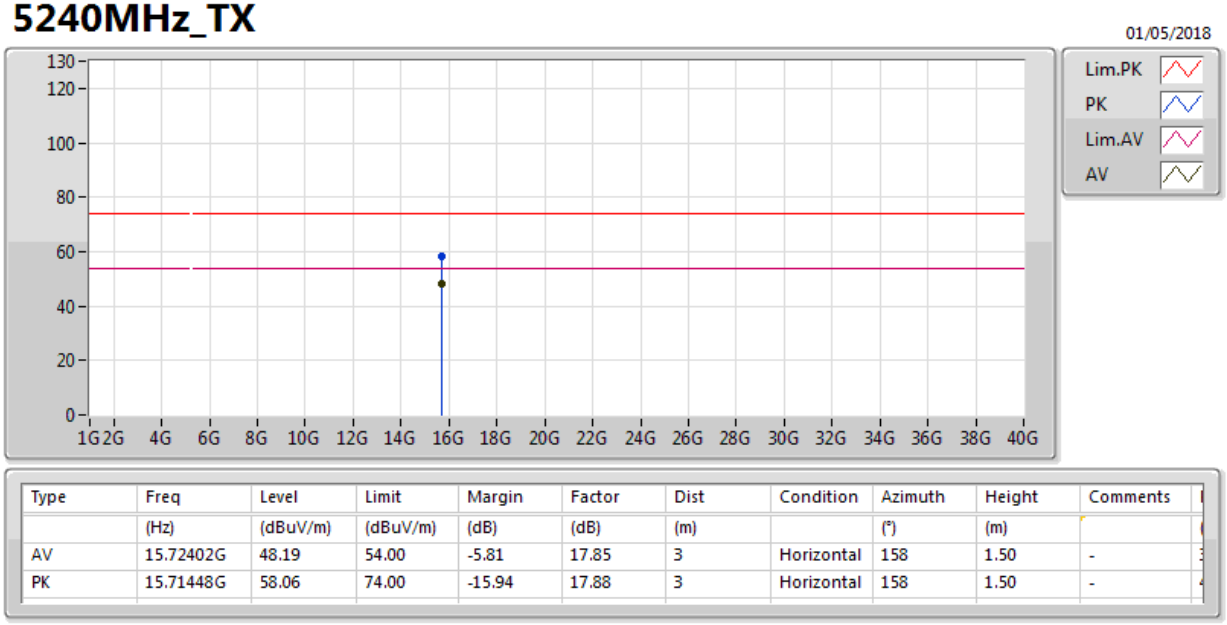
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.71166G	48.25	54.00	-5.75	17.88	3	Vertical	51	0.00	-
PK	15.7344G	59.09	74.00	-14.91	17.82	3	Vertical	51	0.00	-

802.11n HT20_Nss1,(MCS0)_1TX

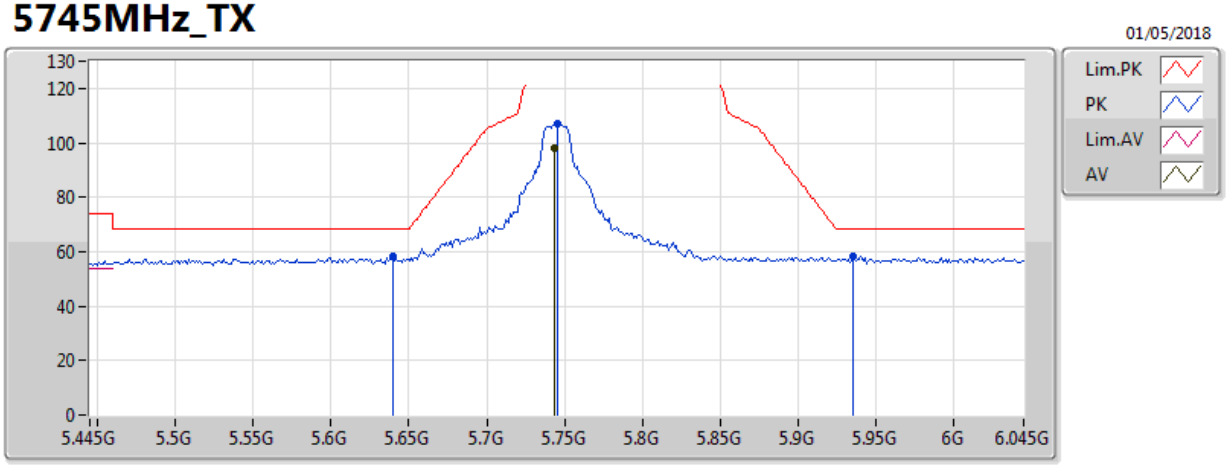
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.72402G	48.19	54.00	-5.81	17.85	3	Horizontal	158	1.50	-
PK	15.71448G	58.06	74.00	-15.94	17.88	3	Horizontal	158	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

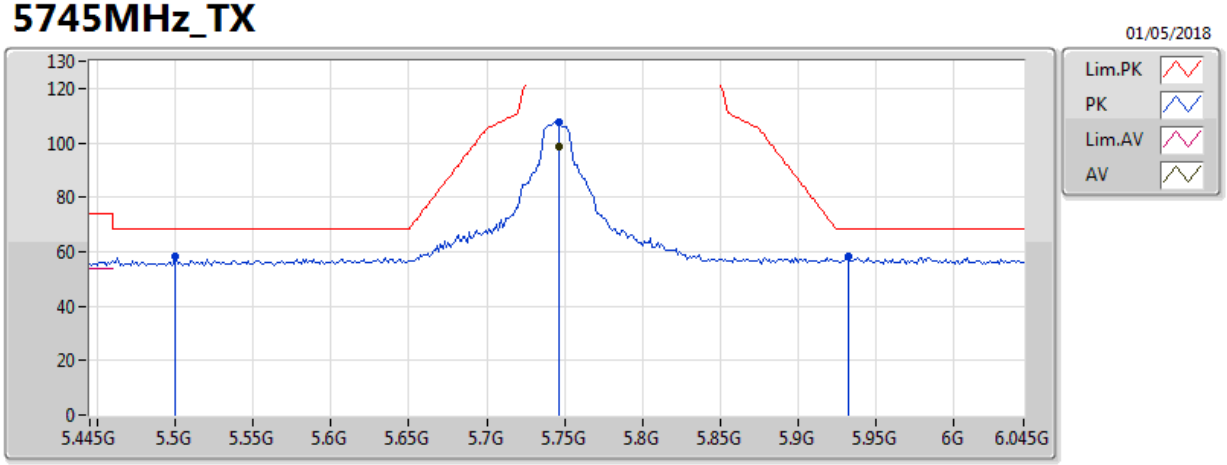
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7438G	98.01	Inf	-Inf	5.87	3	Vertical	235	1.13	-
PK	5.6394G	58.40	68.20	-9.80	5.72	3	Vertical	235	1.13	-
PK	5.745G	107.27	Inf	-Inf	5.87	3	Vertical	235	1.13	-
PK	5.9358G	58.52	68.20	-9.68	6.16	3	Vertical	235	1.13	-

802.11n HT20_Nss1,(MCS0)_1TX

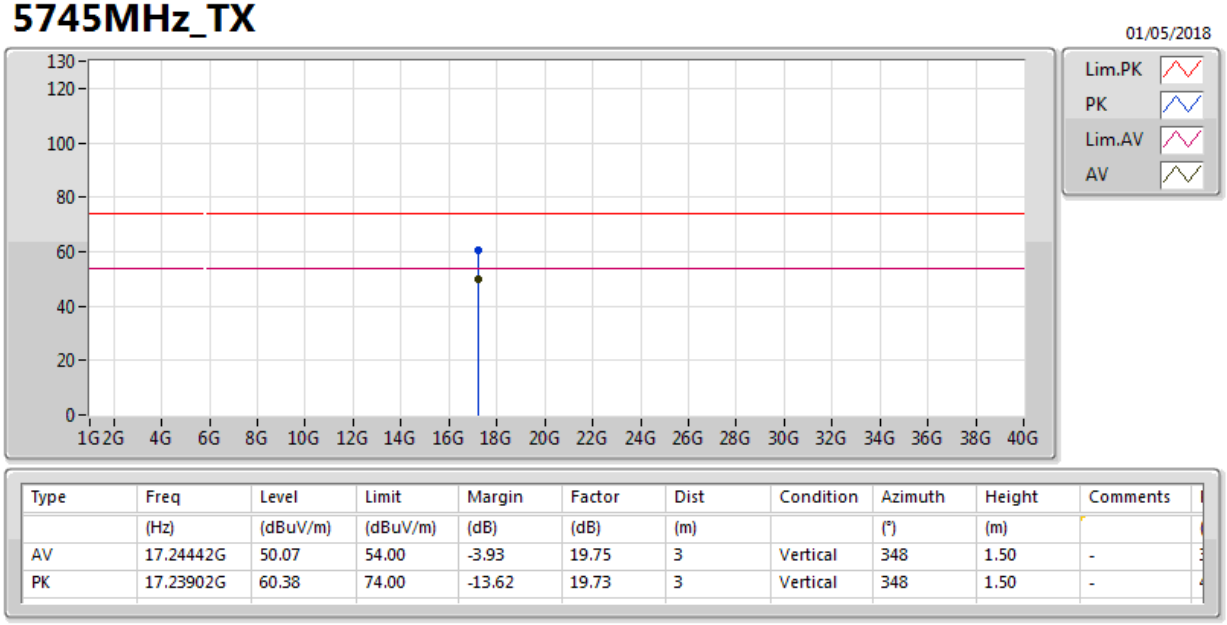
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7462G	98.62	Inf	-Inf	5.87	3	Horizontal	179	1.01	-
PK	5.5002G	58.07	68.20	-10.13	5.52	3	Horizontal	179	1.01	-
PK	5.7462G	107.54	Inf	-Inf	5.87	3	Horizontal	179	1.01	-
PK	5.9322G	58.33	68.20	-9.87	6.14	3	Horizontal	179	1.01	-

802.11n HT20_Nss1,(MCS0)_1TX

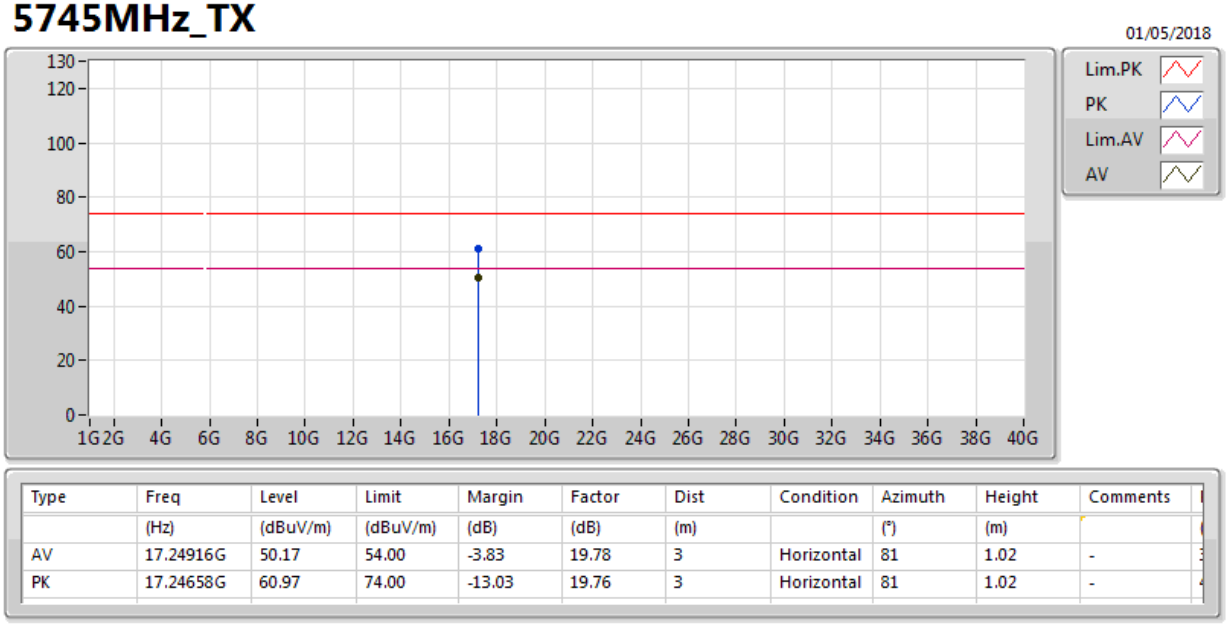
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.24442G	50.07	54.00	-3.93	19.75	3	Vertical	348	1.50	-
PK	17.23902G	60.38	74.00	-13.62	19.73	3	Vertical	348	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

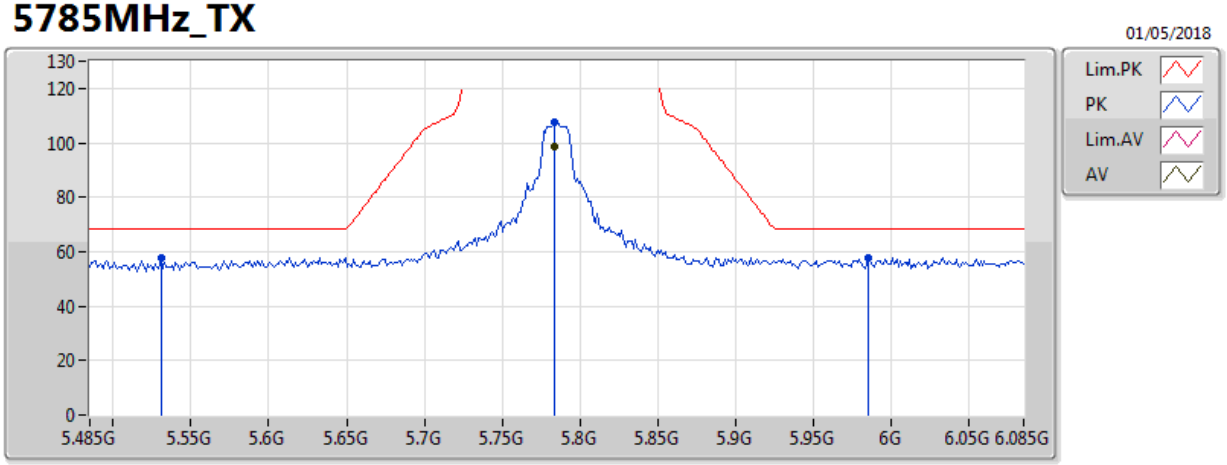
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.24916G	50.17	54.00	-3.83	19.78	3	Horizontal	81	1.02	-
PK	17.24658G	60.97	74.00	-13.03	19.76	3	Horizontal	81	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

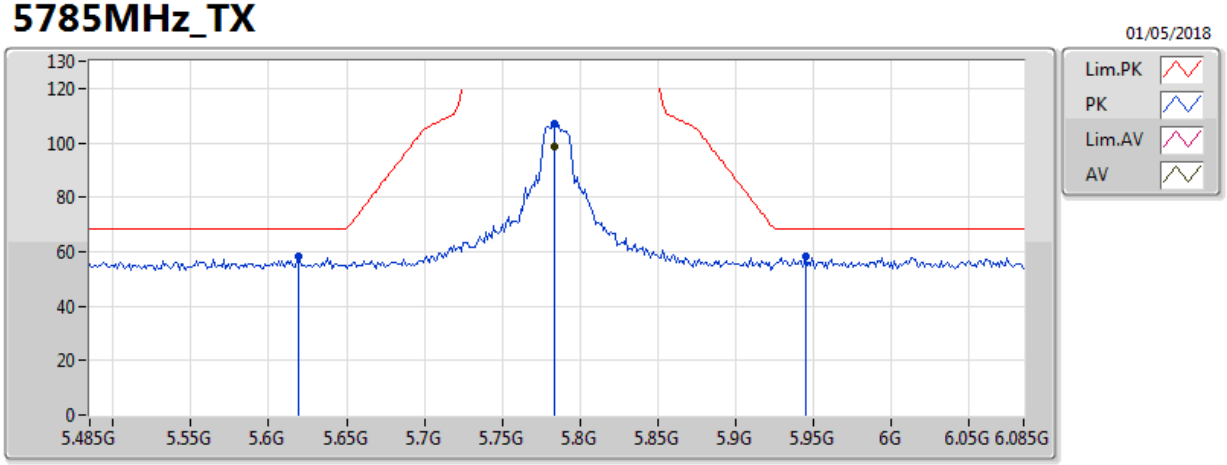
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	98.75	Inf	-Inf	5.93	3	Vertical	250	1.25	-
PK	5.5306G	57.99	68.20	-10.21	5.56	3	Vertical	250	1.25	-
PK	5.7838G	107.66	Inf	-Inf	5.93	3	Vertical	250	1.25	-
PK	5.9854G	57.78	68.20	-10.42	6.22	3	Vertical	250	1.25	-

802.11n HT20_Nss1,(MCS0)_1TX

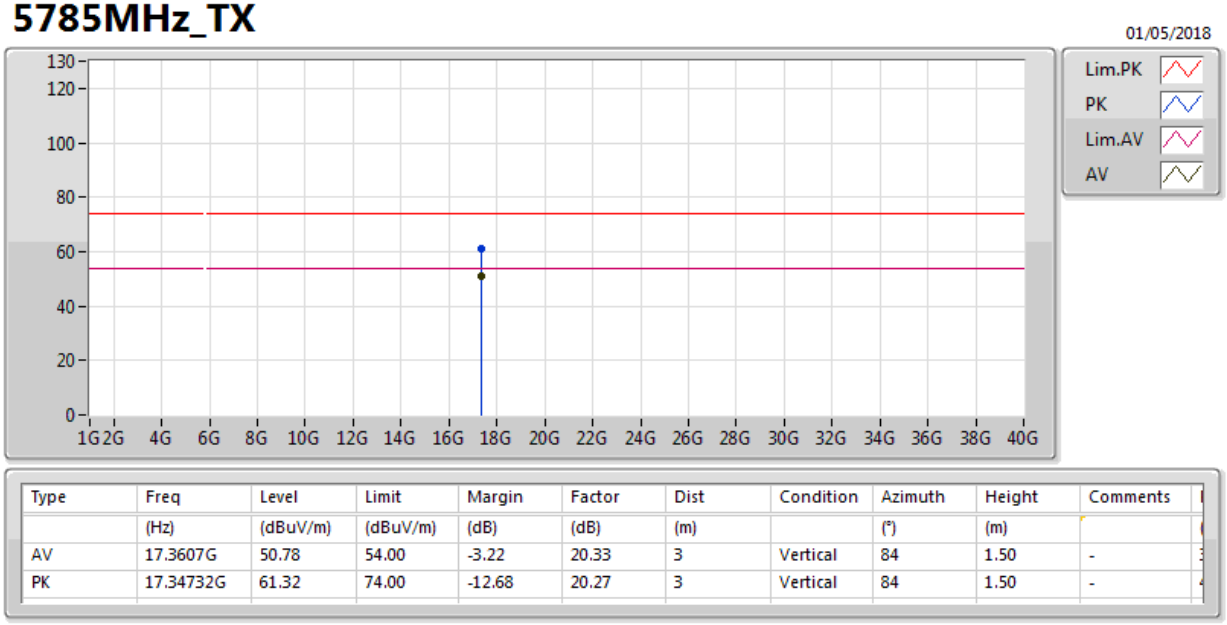
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7838G	98.47	Inf	-Inf	5.93	3	Horizontal	40	1.14	-
PK	5.6194G	58.54	68.20	-9.66	5.69	3	Horizontal	40	1.14	-
PK	5.7838G	106.82	Inf	-Inf	5.93	3	Horizontal	40	1.14	-
PK	5.9446G	58.05	68.20	-10.15	6.15	3	Horizontal	40	1.14	-

802.11n HT20_Nss1,(MCS0)_1TX

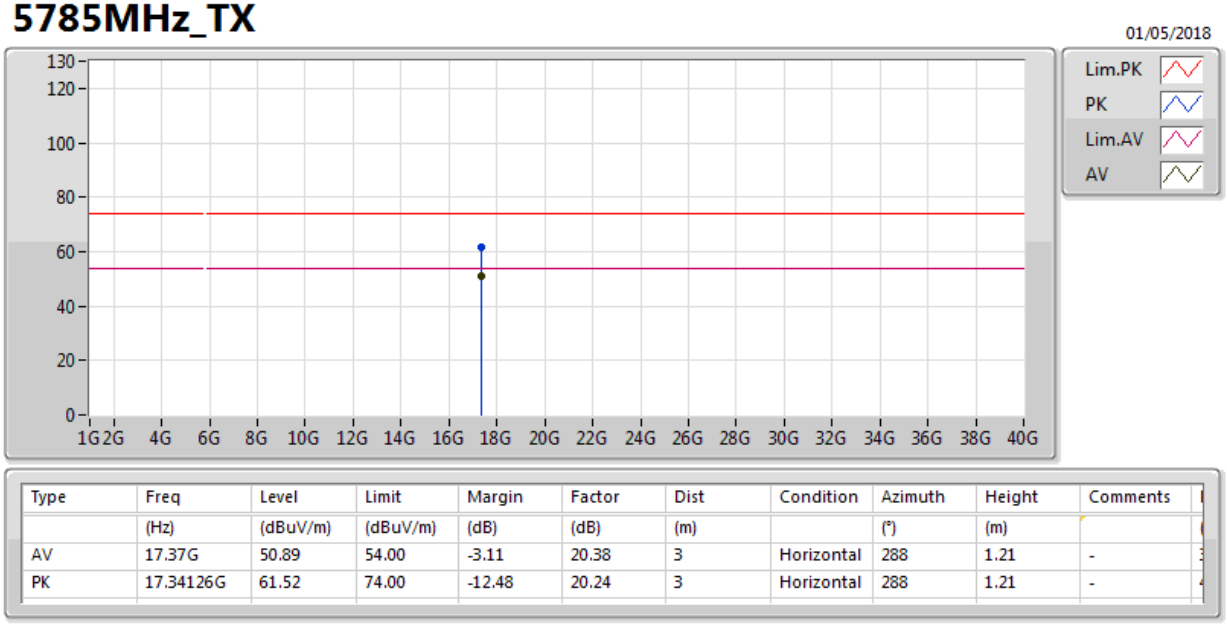
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.3607G	50.78	54.00	-3.22	20.33	3	Vertical	84	1.50	-
PK	17.34732G	61.32	74.00	-12.68	20.27	3	Vertical	84	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

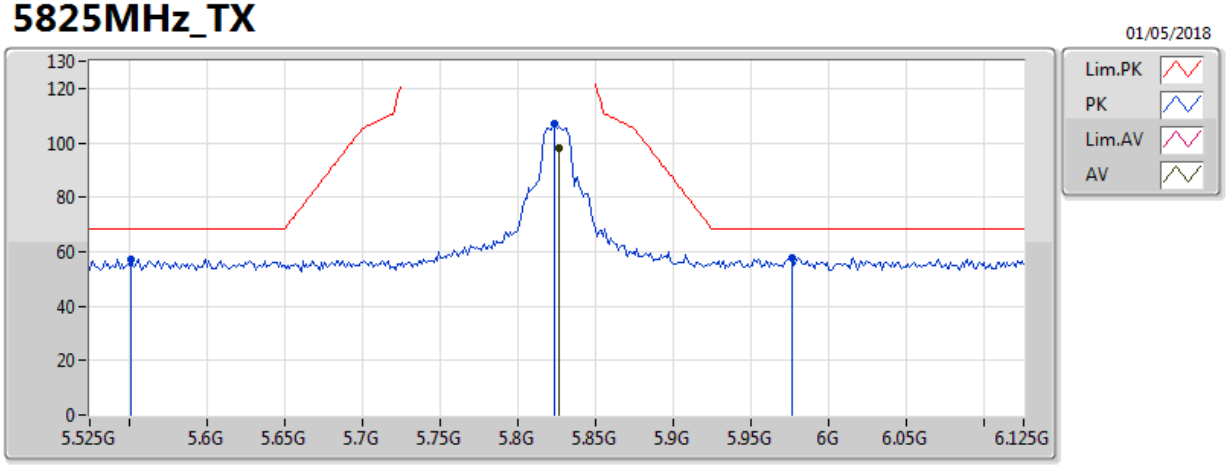
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.37G	50.89	54.00	-3.11	20.38	3	Horizontal	288	1.21	-
PK	17.34126G	61.52	74.00	-12.48	20.24	3	Horizontal	288	1.21	-

802.11n HT20_Nss1,(MCS0)_1TX

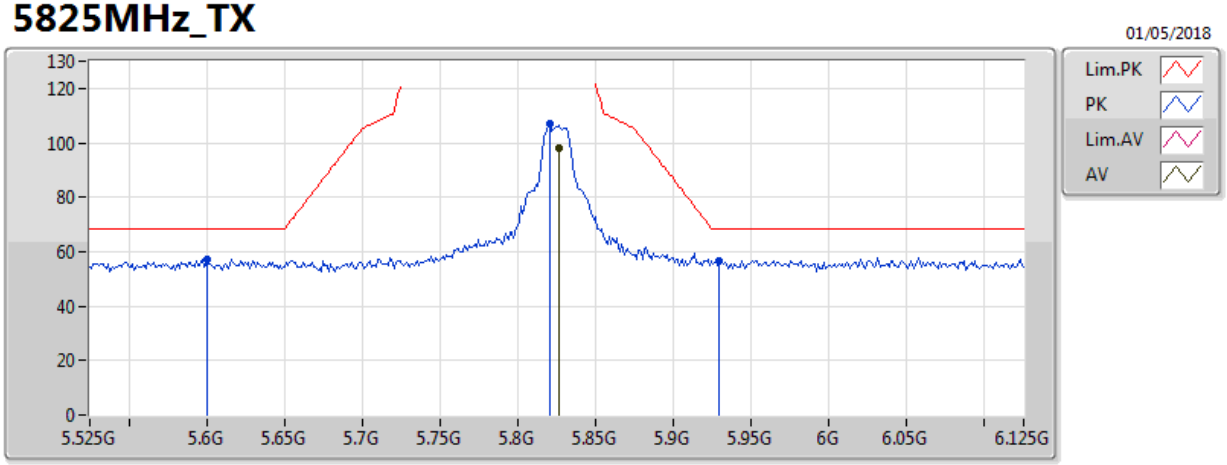
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	97.90	Inf	-Inf	5.99	3	Vertical	251	1.02	-
PK	5.5514G	57.12	68.20	-11.08	5.60	3	Vertical	251	1.02	-
PK	5.8238G	107.27	Inf	-Inf	5.99	3	Vertical	251	1.02	-
PK	5.9762G	57.69	68.20	-10.51	6.21	3	Vertical	251	1.02	-

802.11n HT20_Nss1,(MCS0)_1TX

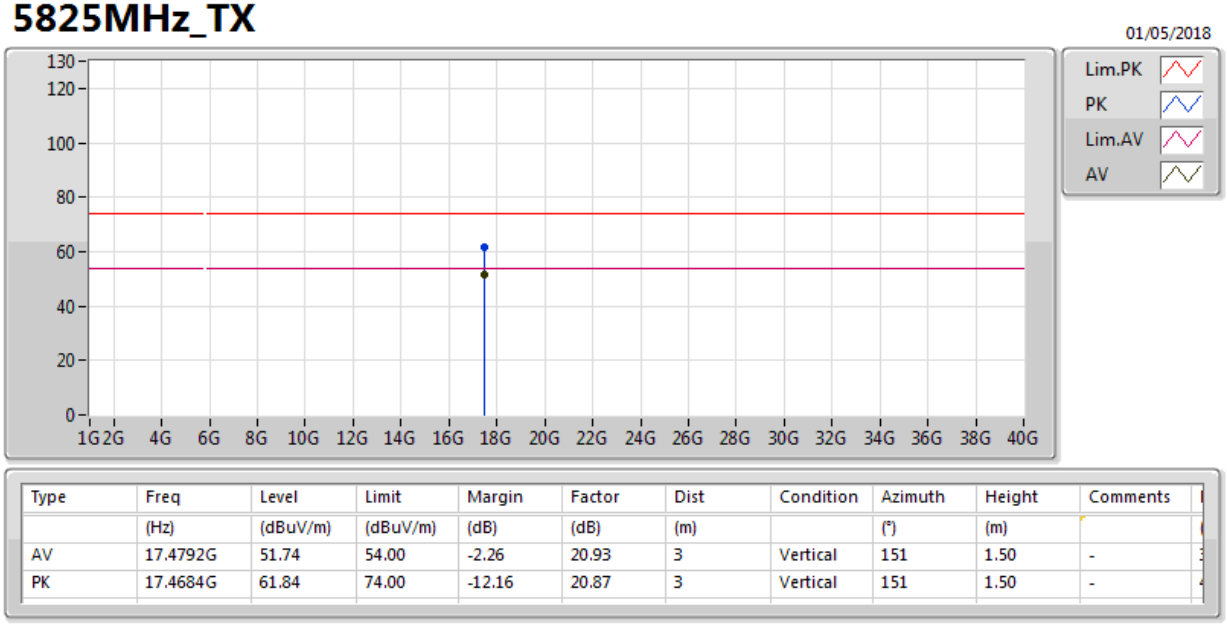
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.8262G	97.85	Inf	-Inf	5.99	3	Horizontal	85	1.08	-
PK	5.6006G	57.23	68.20	-10.97	5.66	3	Horizontal	85	1.08	-
PK	5.8202G	107.15	Inf	-Inf	5.98	3	Horizontal	85	1.08	-
PK	5.9294G	56.87	68.20	-11.33	6.14	3	Horizontal	85	1.08	-

802.11n HT20_Nss1,(MCS0)_1TX

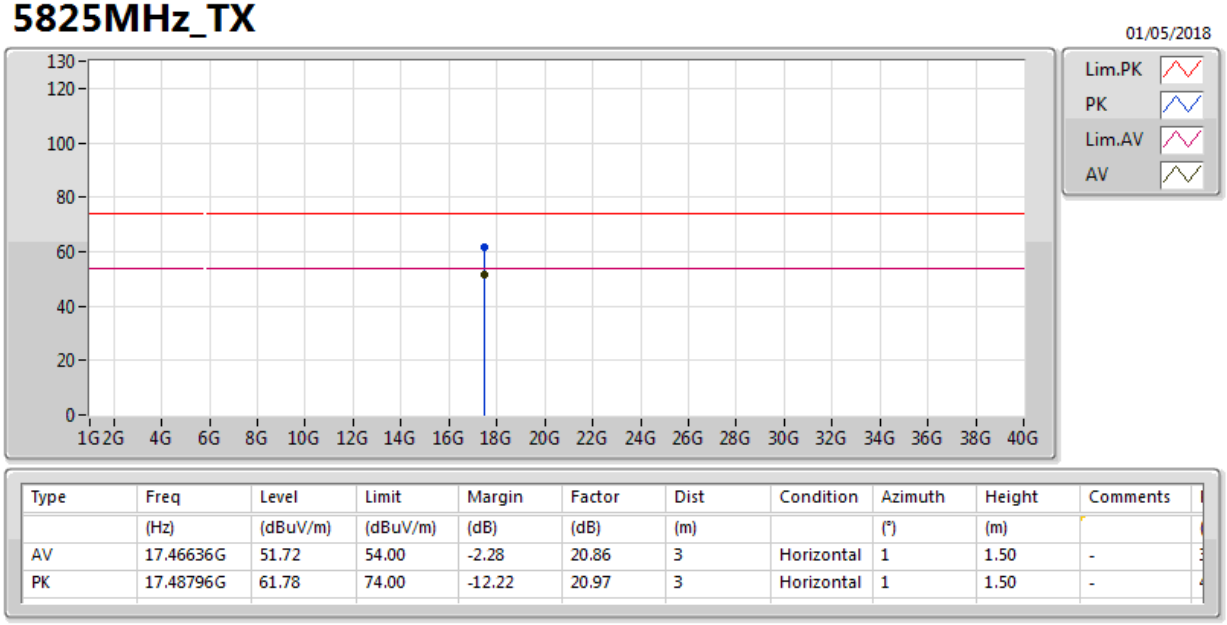
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.4792G	51.74	54.00	-2.26	20.93	3	Vertical	151	1.50	-
PK	17.4684G	61.84	74.00	-12.16	20.87	3	Vertical	151	1.50	-

802.11n HT20_Nss1,(MCS0)_1TX

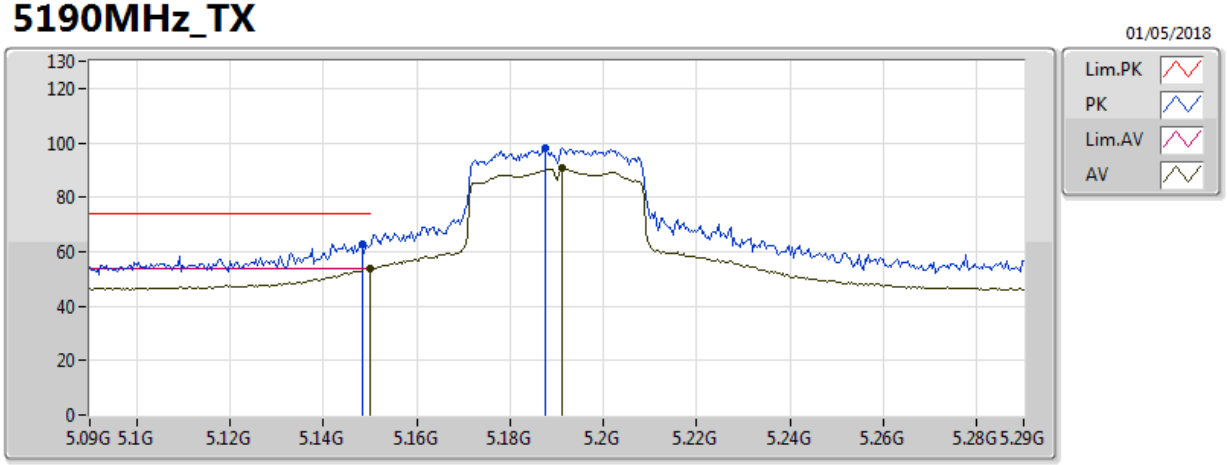
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.46636G	51.72	54.00	-2.28	20.86	3	Horizontal	1	1.50	-
PK	17.48796G	61.78	74.00	-12.22	20.97	3	Horizontal	1	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

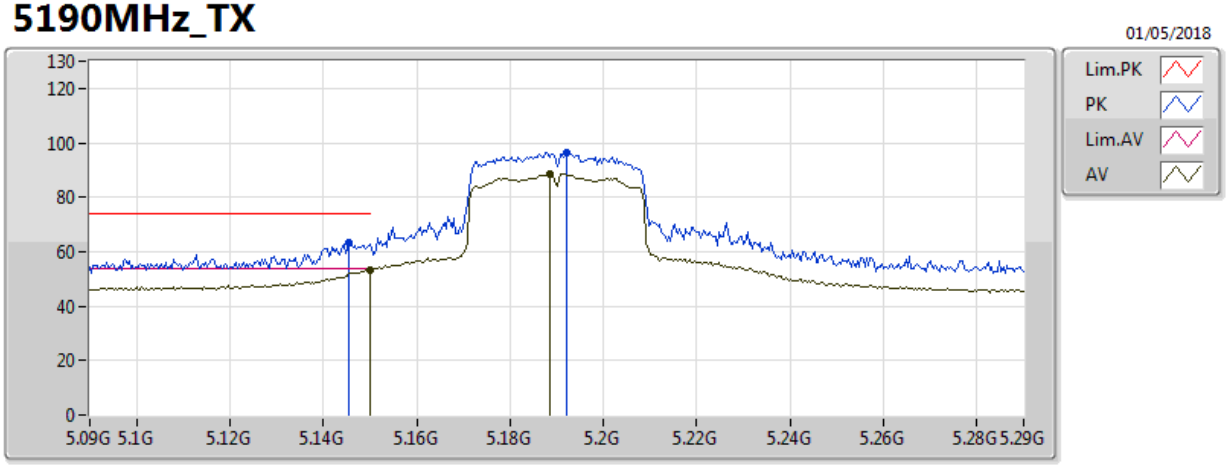
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.67	54.00	-0.33	5.13	3	Vertical	256	1.22	-
AV	5.1912G	90.53	Inf	-Inf	5.18	3	Vertical	256	1.22	-
PK	5.1484G	62.97	74.00	-11.03	5.13	3	Vertical	256	1.22	-
PK	5.1876G	98.04	Inf	-Inf	5.18	3	Vertical	256	1.22	-

802.11n HT40_Nss1,(MCS0)_1TX

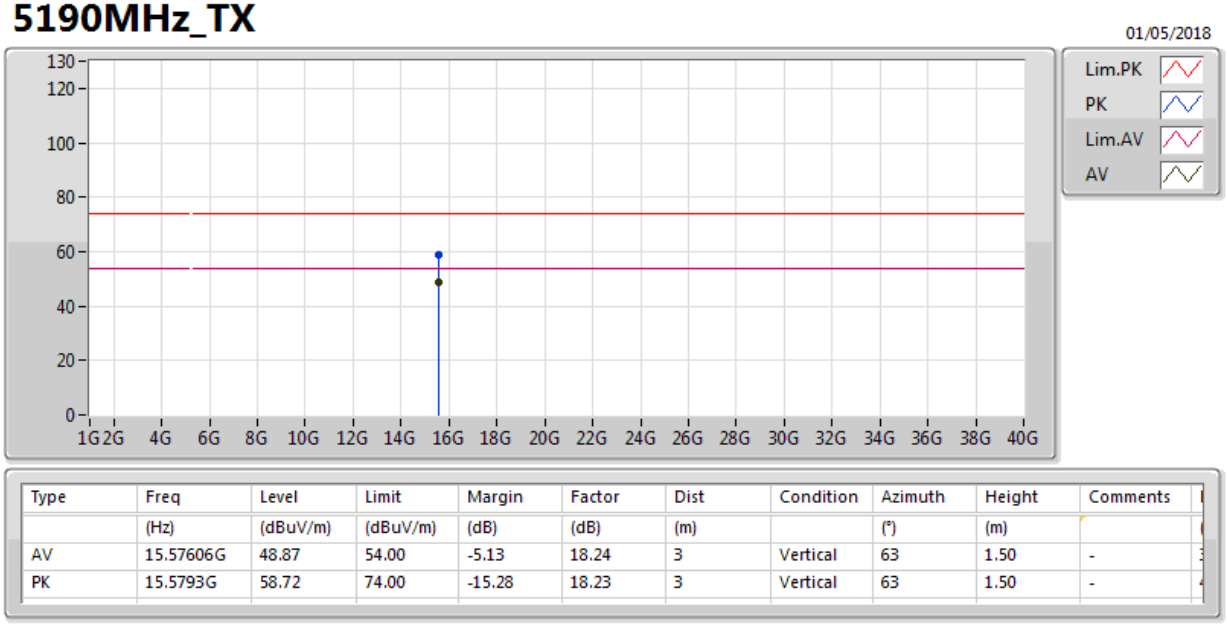
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	53.11	54.00	-0.89	5.13	3	Horizontal	197	1.07	-
AV	5.1884G	88.74	Inf	-Inf	5.18	3	Horizontal	197	1.07	-
PK	5.1456G	63.10	74.00	-10.90	5.13	3	Horizontal	197	1.07	-
PK	5.192G	96.61	Inf	-Inf	5.18	3	Horizontal	197	1.07	-

802.11n HT40_Nss1,(MCS0)_1TX

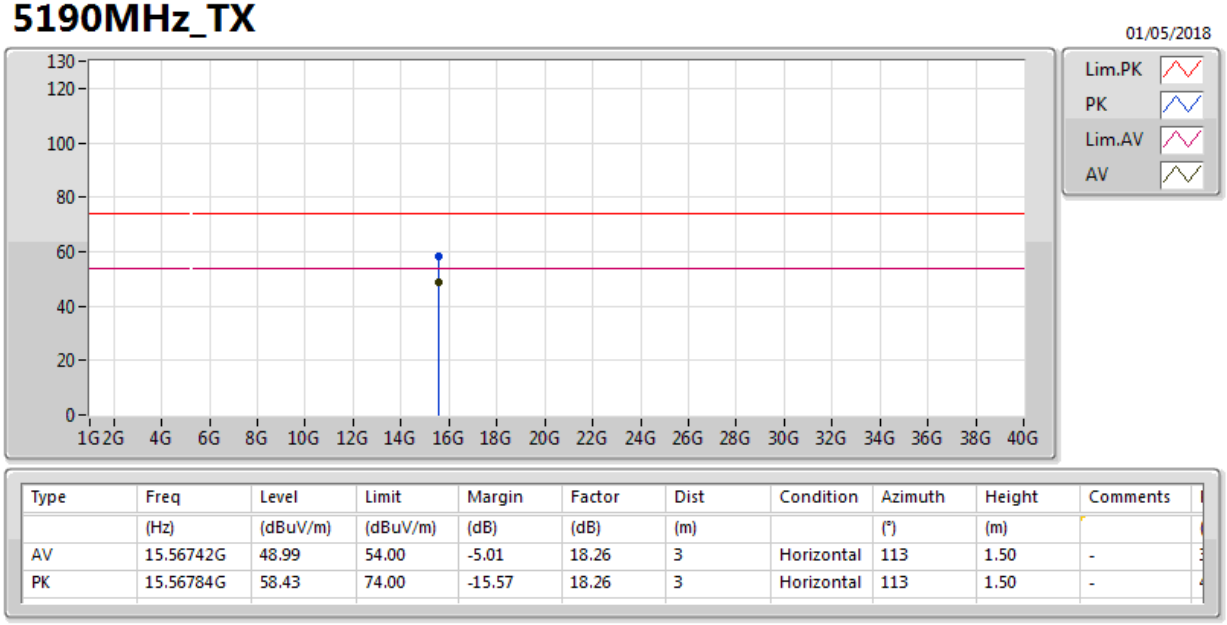
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.57606G	48.87	54.00	-5.13	18.24	3	Vertical	63	1.50	-
PK	15.5793G	58.72	74.00	-15.28	18.23	3	Vertical	63	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

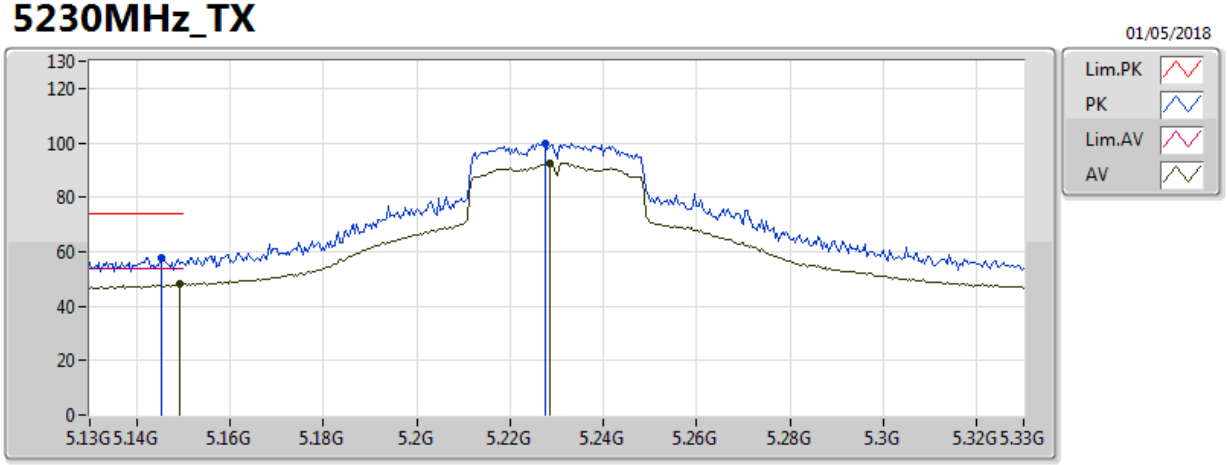
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.56742G	48.99	54.00	-5.01	18.26	3	Horizontal	113	1.50	-
PK	15.56784G	58.43	74.00	-15.57	18.26	3	Horizontal	113	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

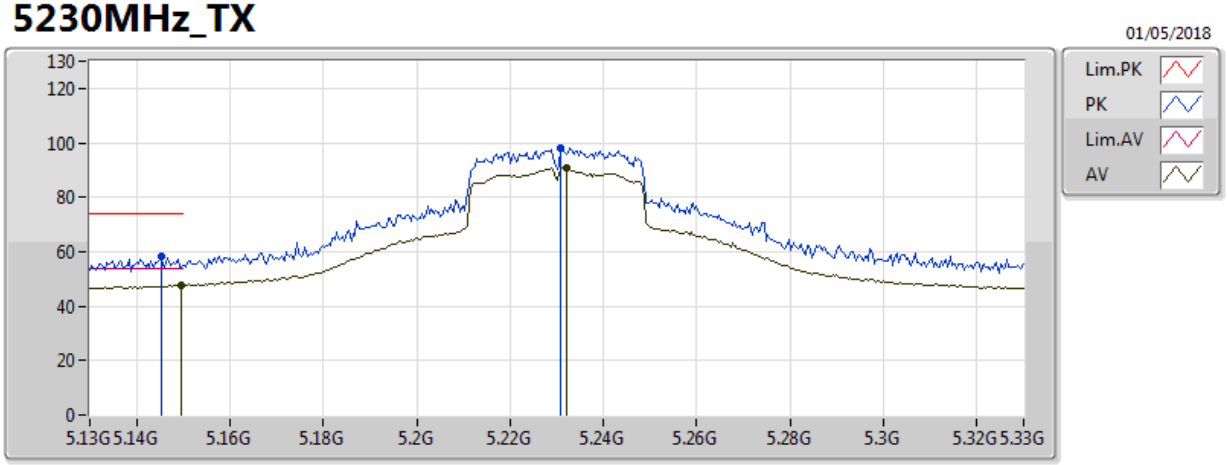
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1492G	48.06	54.00	-5.94	5.13	3	Vertical	254	1.18	-
AV	5.2284G	92.60	Inf	-Inf	5.22	3	Vertical	254	1.18	-
PK	5.1452G	57.75	74.00	-16.25	5.13	3	Vertical	254	1.18	-
PK	5.2276G	99.99	Inf	-Inf	5.22	3	Vertical	254	1.18	-

802.11n HT40_Nss1,(MCS0)_1TX

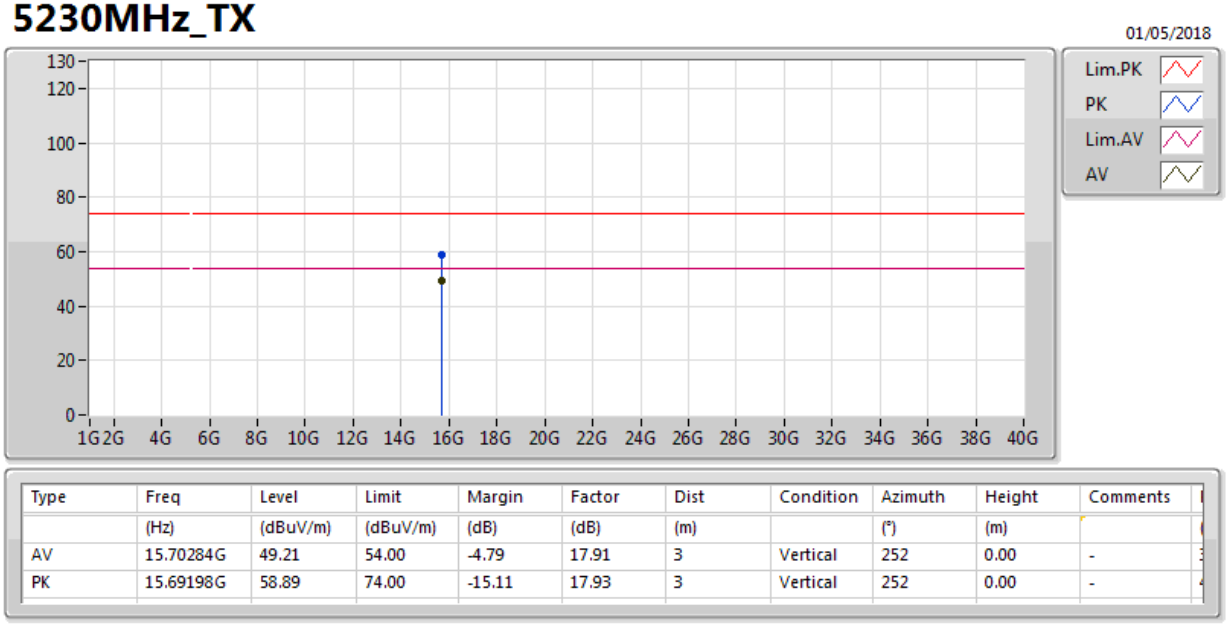
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1496G	47.63	54.00	-6.37	5.13	3	Horizontal	197	1.07	-
AV	5.232G	90.69	Inf	-Inf	5.23	3	Horizontal	197	1.07	-
PK	5.1452G	58.25	74.00	-15.75	5.13	3	Horizontal	197	1.07	-
PK	5.2308G	98.02	Inf	-Inf	5.22	3	Horizontal	197	1.07	-

802.11n HT40_Nss1,(MCS0)_1TX

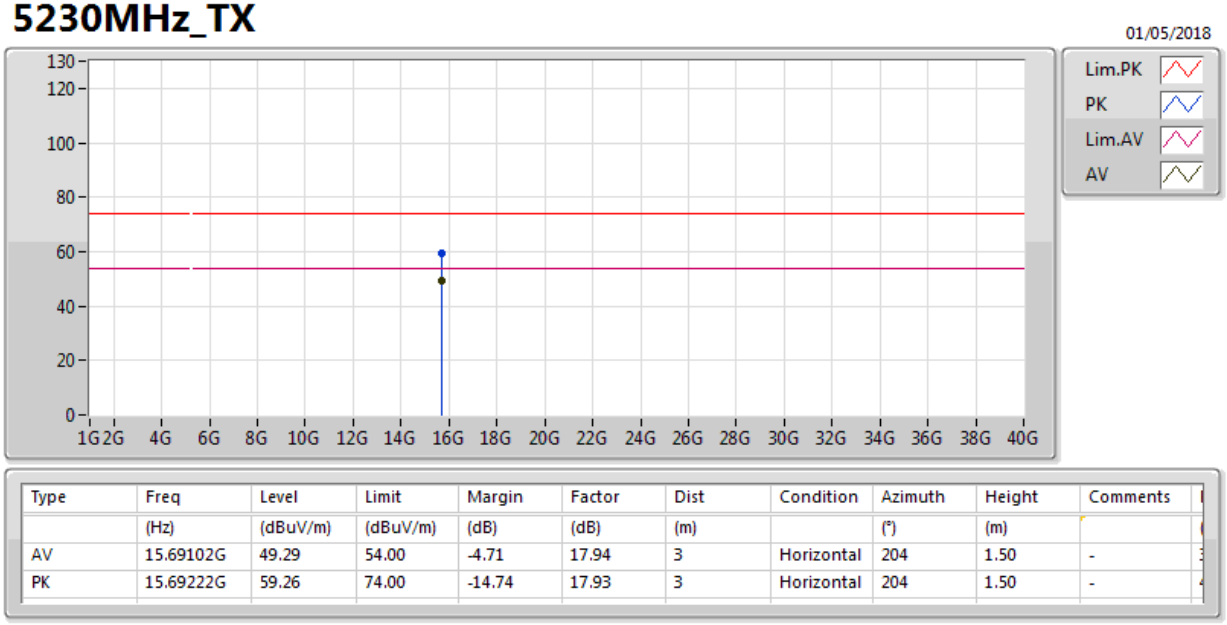
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.70284G	49.21	54.00	-4.79	17.91	3	Vertical	252	0.00	-
PK	15.69198G	58.89	74.00	-15.11	17.93	3	Vertical	252	0.00	-

802.11n HT40_Nss1,(MCS0)_1TX

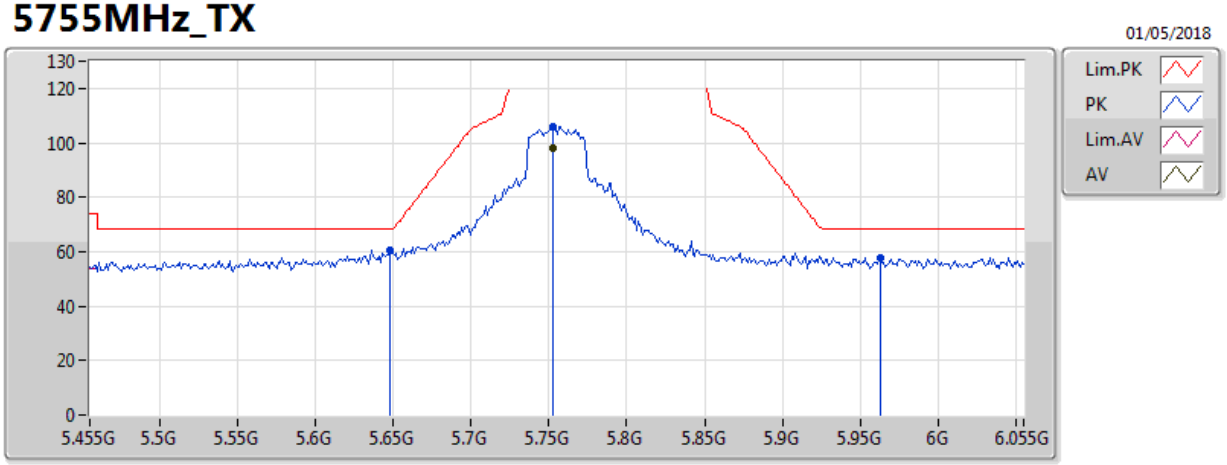
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.69102G	49.29	54.00	-4.71	17.94	3	Horizontal	204	1.50	-
PK	15.69222G	59.26	74.00	-14.74	17.93	3	Horizontal	204	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

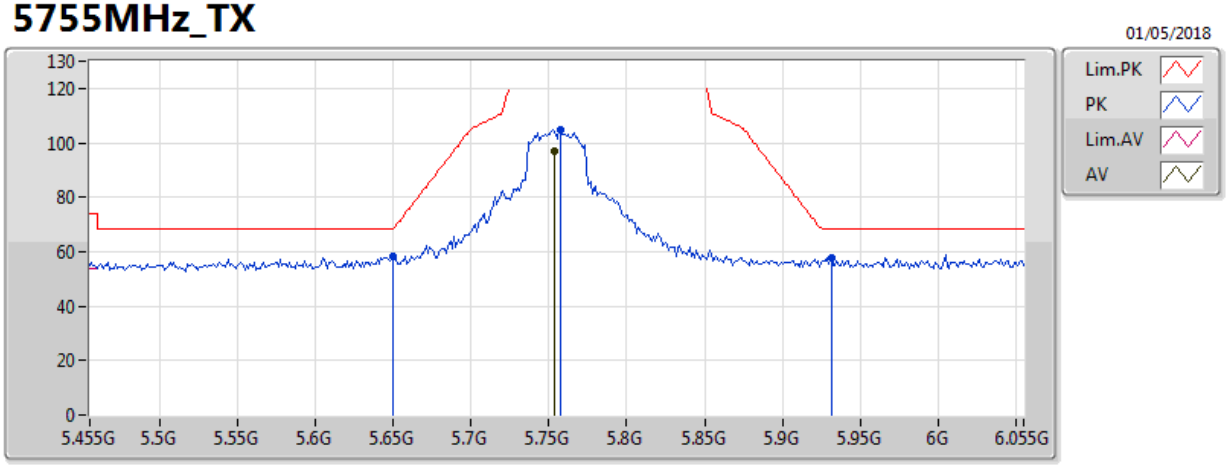
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7526G	98.14	Inf	-Inf	5.88	3	Vertical	250	1.14	-
PK	5.6482G	60.52	68.20	-7.68	5.73	3	Vertical	250	1.14	-
PK	5.7526G	106.00	Inf	-Inf	5.88	3	Vertical	250	1.14	-
PK	5.9626G	57.77	68.20	-10.43	6.18	3	Vertical	250	1.14	-

802.11n HT40_Nss1,(MCS0)_1TX

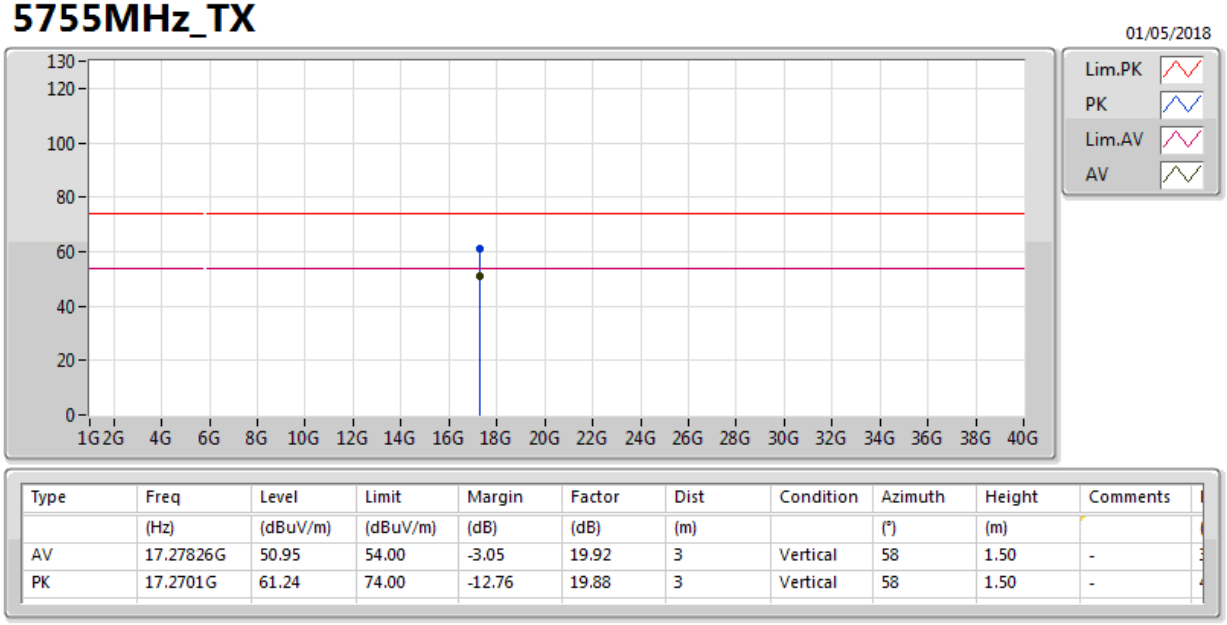
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7538G	97.12	Inf	-Inf	5.89	3	Horizontal	85	1.10	-
PK	5.6494G	58.26	68.20	-9.94	5.73	3	Horizontal	85	1.10	-
PK	5.7574G	104.91	Inf	-Inf	5.89	3	Horizontal	85	1.10	-
PK	5.9314G	57.89	68.20	-10.31	6.14	3	Horizontal	85	1.10	-

802.11n HT40_Nss1,(MCS0)_1TX

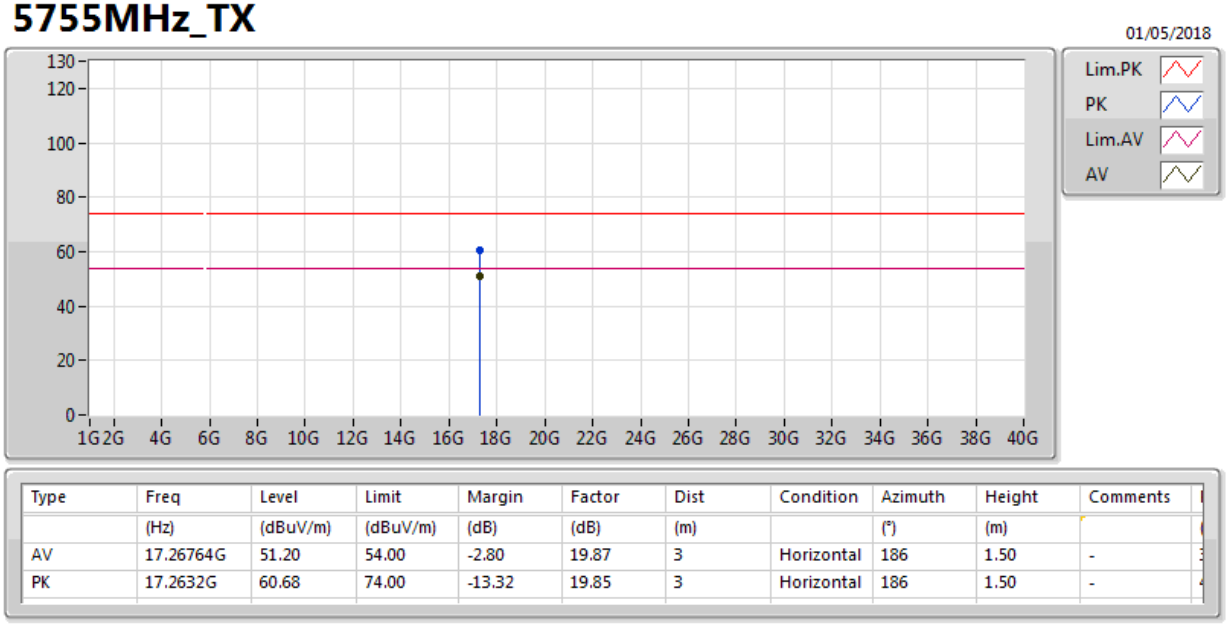
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.27826G	50.95	54.00	-3.05	19.92	3	Vertical	58	1.50	-
PK	17.2701G	61.24	74.00	-12.76	19.88	3	Vertical	58	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

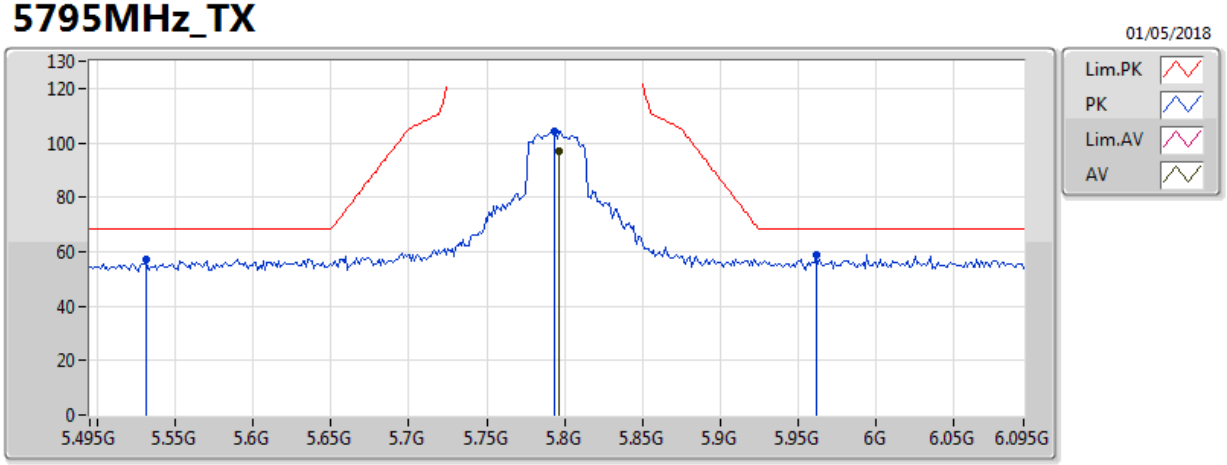
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.26764G	51.20	54.00	-2.80	19.87	3	Horizontal	186	1.50	-
PK	17.2632G	60.68	74.00	-13.32	19.85	3	Horizontal	186	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

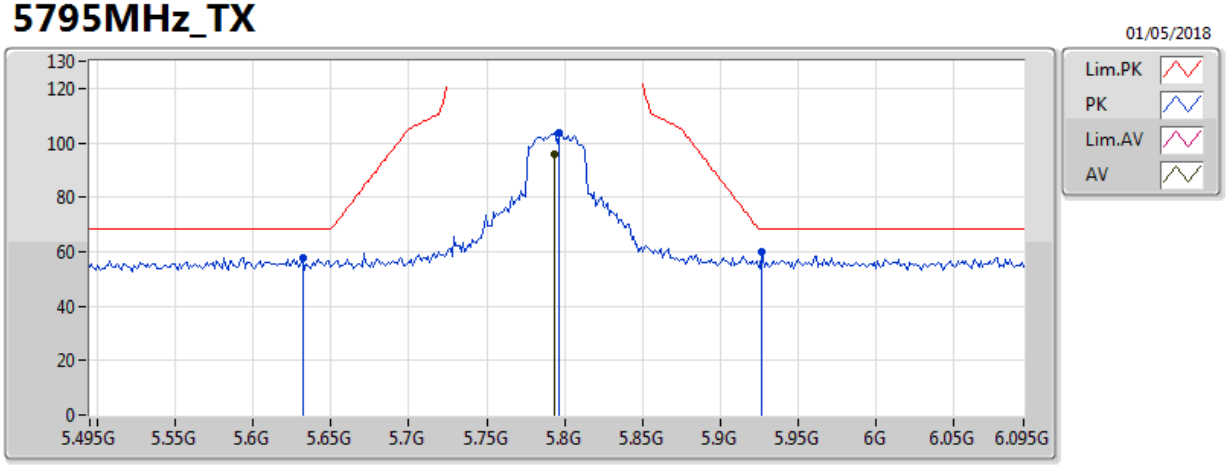
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7962G	96.74	Inf	-Inf	5.95	3	Vertical	251	1.14	-
PK	5.531G	57.37	68.20	-10.83	5.56	3	Vertical	251	1.14	-
PK	5.7938G	104.27	Inf	-Inf	5.94	3	Vertical	251	1.14	-
PK	5.9618G	59.09	68.20	-9.11	6.18	3	Vertical	251	1.14	-

802.11n HT40_Nss1,(MCS0)_1TX

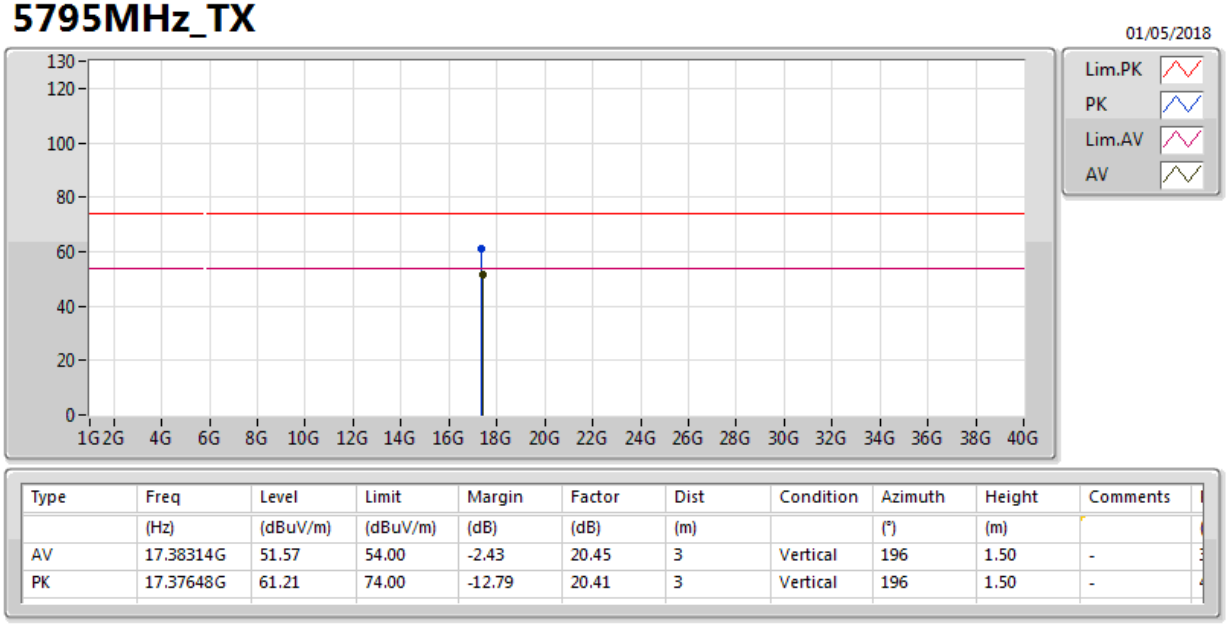
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7938G	95.79	Inf	-Inf	5.94	3	Horizontal	85	1.00	-
PK	5.6318G	57.79	68.20	-10.41	5.71	3	Horizontal	85	1.00	-
PK	5.7962G	103.68	Inf	-Inf	5.95	3	Horizontal	85	1.00	-
PK	5.927G	59.91	68.20	-8.29	6.14	3	Horizontal	85	1.00	-

802.11n HT40_Nss1,(MCS0)_1TX

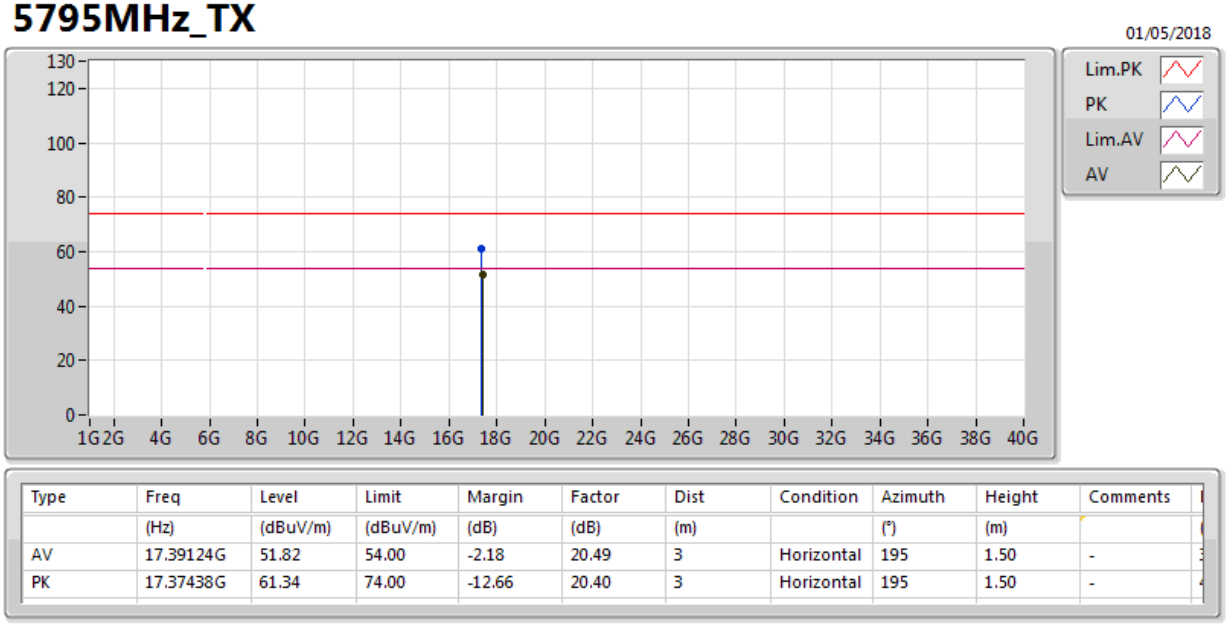
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.38314G	51.57	54.00	-2.43	20.45	3	Vertical	196	1.50	-
PK	17.37648G	61.21	74.00	-12.79	20.41	3	Vertical	196	1.50	-

802.11n HT40_Nss1,(MCS0)_1TX

5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.39124G	51.82	54.00	-2.18	20.49	3	Horizontal	195	1.50	-
PK	17.37438G	61.34	74.00	-12.66	20.40	3	Horizontal	195	1.50	-