FCC Test Report

FCC ID	:	**TVE-2417T112**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**FORTINET**
Model Name	:	**FAP-221E+, FAP-223E+ FortiAP 221Exxxxxx, FORTIAP-221Exxxxxx, FAP-221Exxxxxx, FAP-221E+xxxxxx FortiAP 223Exxxxxx, FORTIAP-223Exxxxxx, FAP-223Exxxxxx, FAP-223E+xxxxxx (where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)**
Applicant	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Manufacturer	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Jun. 27, 2018, and testing was started from Jun. 29, 2018 and completed on Jun. 30, 2018. We, SPORTON INTERNATIONAL 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 INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Allen Lin

SPORTON INTERNATIONAL 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
FR841009-01AN	01	Initial issue of report	Aug. 13, 2018

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5725		5720	144[1]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5725		5710	142[1]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5725		5690	138[1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1TX(Port 2)
5.47-5.725GHz	802.11a	20	1TX(Port 2)
5.725-5.85GHz	802.11a	20	1TX(Port 2)
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX
5.25-5.35GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX

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

1.1.2 Table for Multiple Listing

The brand/model names in the following table are all refer to the identical product.

Brand Name	Model Name	Difference	
		Internal antenna	External antenna
Fortinet	FAP-221E+	V	
Fortinet	FAP-223E+		V
Note 1: The only difference between FAP-221E+ and FAP-223E+ is the layout of the antenna.			

1.1.3 Antenna Information

FAP-221E+

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	INPAQ	WA-M-LA-06-002	PIFA Antenna	I-PEX
2	2	INPAQ	WA-M-LA-01-036	PIFA Antenna	I-PEX
3	1	INPAQ	WA-M-LC-05-002	PIFA Antenna	I-PEX
4	2	INPAQ	WA-M-LC-02-008	PIFA Antenna	I-PEX
5	1	INPAQ	ACA-5036-A2-CC-S	Chip	I-PEX

Ant.	Gain (dBi)		
	2.4G	5G	BT
1	3.89	-	-
2	3.89	-	-
3	-	5.55	-
4	-	5.55	-
5	-	-	2.93

FAP-223E+

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	1	WHA YU	C107-511533-A	Dipole Antenna	I-PEX
2	2	WHA YU	C107-511533-A	Dipole Antenna	I-PEX
3	1	WHA YU	C107-511533-A	Dipole Antenna	I-PEX
4	2	WHA YU	C107-511533-A	Dipole Antenna	I-PEX
5	1	INPAQ	ACA-5036-A2-CC-S	Chip	I-PEX

Ant.	Gain (dBi)		
	2.4G	5G	BT
1	2.0	-	-
2	2.0	-	-
3	-	3.0	-
4	-	3.0	-
5	-	-	2.93

For 2.4GHz function:

For IEEE 802.11 b/g mode (1TX/1RX)

Support diversity function and pre-tested Ant. 1(port 1) and Ant. 2(port 2) on each single chain, the worst case was Ant. 2(port 2) and it was record in this test report.

For IEEE 802.11 b/g/n mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Support diversity function, the Ant. 1 (port 1) was declared to be tested only by customer.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX)

Support diversity function and pre-tested Ant. 1(port 1) and Ant. 2(port 2) on each single chain, the worst case was Ant. 2(port 2) and it was record in this test report.

For IEEE 802.11 a/an/ac mode (2TX/2RX)

Ant. 1 (port 1) and Ant. 2 (port 2) could transmit/receive simultaneously.

1.1.4 EUT Information

Operational Condition					
EUT Power Type	From AC Adapter / PoE				
EUT Function	☐	Outdoor	☒	Indoor	
	☐	Fixed P2P	☐	Client	
Beamforming Function	☒	With beamforming	☐	Without beamforming	
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz	

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.5 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.963	0.164	2.066m	1k
802.11ac VHT20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.965	0.155	2.437m	1k
802.11ac VHT80	0.933	0.301	1.15m	1k

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.963	0.164	2.066m	1k
802.11ac VHT20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.965	0.155	2.437m	1k
802.11ac VHT80	0.933	0.301	1.15m	1k

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR841009AN

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
UNII-2A and UNII-2C was added	All

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
- KDB 662911 D01 v02r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Tim	26.5°C / 63%	30/Jun/2018
Radiated	03CH02-HY	Andy	23.6°C / 59%	29/Jun/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
RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	QDART-Connectivity100040

Non-Beamforming

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	21.5
5300MHz	21.5
5320MHz	20.5
5500MHz	20.5
5580MHz	21.5
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	21.5
5720MHz Straddle 5.725-5.85GHz	21.5
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	16.5
5320MHz	16.5
5500MHz	17.5
5580MHz	17.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	16.5
5300MHz	16
5320MHz	16

Mode	PowerSetting
5500MHz	17
5580MHz	17.5
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	19
5310MHz	16.5
5510MHz	17
5550MHz	19.5
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	16
5610MHz	20
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5

Beamforming

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	13.5
5300MHz	13
5320MHz	13
5500MHz	14
5580MHz	14.5
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	13
5720MHz Straddle 5.725-5.85GHz	13
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	16
5310MHz	13.5
5510MHz	14

Mode	PowerSetting
5550MHz	16.5
5670MHz	15.5
5710MHz Straddle 5.47-5.725GHz	16
5710MHz Straddle 5.725-5.85GHz	16
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	13
5530MHz	13
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5

2.3 The Worst Case Measurement Configuration

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	Adapter mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	
FAP-221E+ configuration was pretested and found to be the worst case and measured during the test.			

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+ WLAN 5GHz
Refer to Sporton Test Report No.: FA841009-01 for Co-location RF Exposure Evaluation.	

2.4 Support Equipment

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	DoC
2	Adapter for NB	DELL	HA65NM130	DoC
3	AC adapter	Asian Power Devices Inc.	WA-30J12R	-

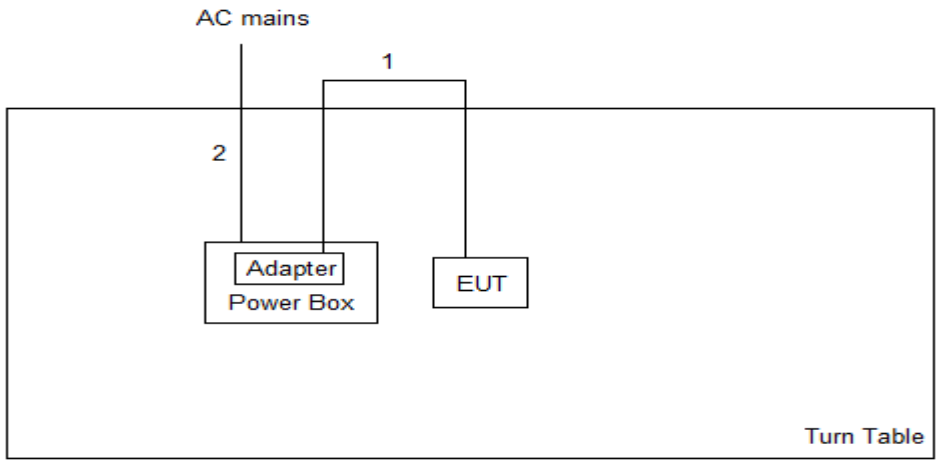
Note: Support equipment No.3 was provided by customer.

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	AC adapter	Asian Power Devices Inc.	WA-30J12R	DoC

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

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.5	-
2	AC Power line	No	1.5	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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.

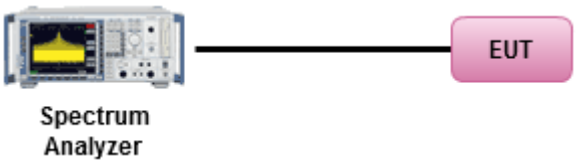
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.	

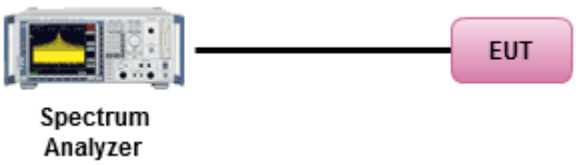
3.2.2 Measuring Instruments

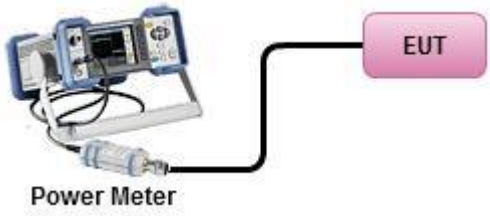
Refer a test equipment and calibration data table in this test report.

3.2.3 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

RF Output Power (Spectrum Analyzer)


RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 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.	

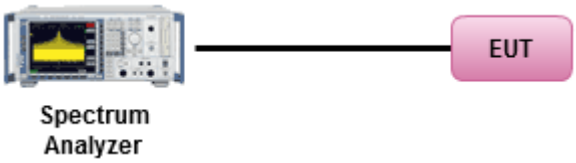
3.3.2 Measuring Instruments

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

3.3.3 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]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 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).	

3.4.2 Measuring Instruments

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

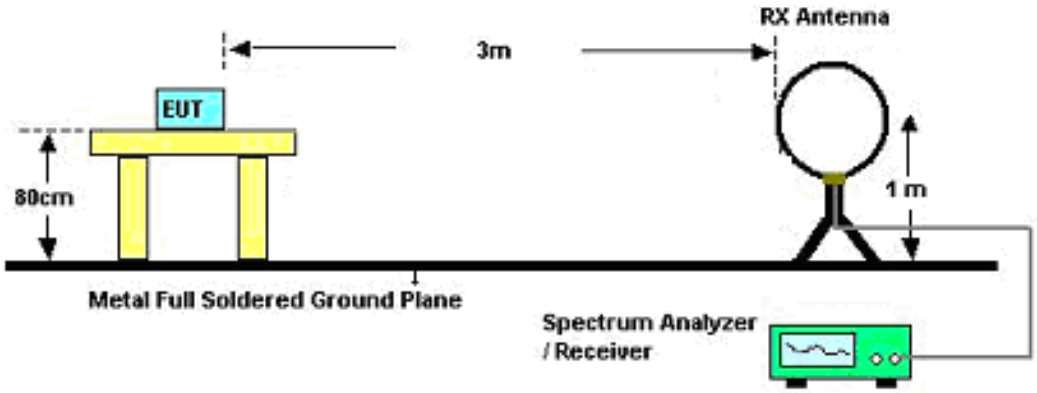
3.4.3 Test Procedures

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.		

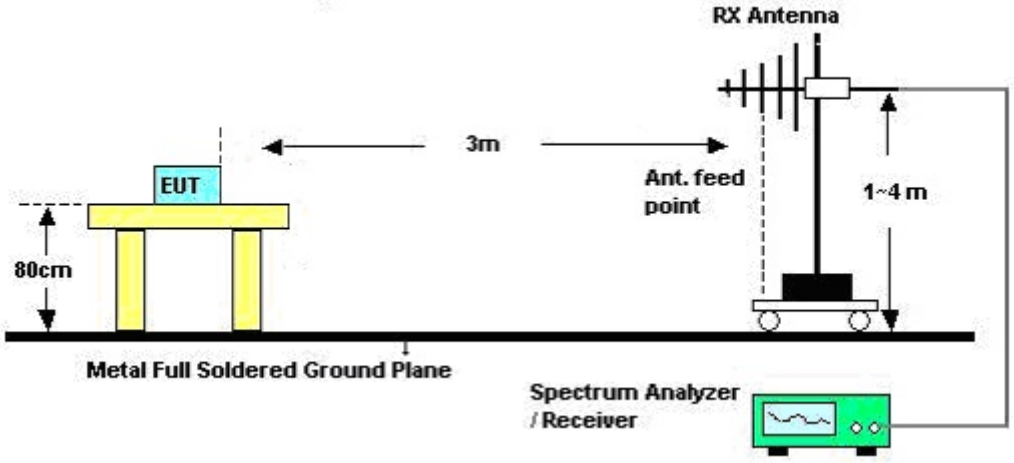
3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions

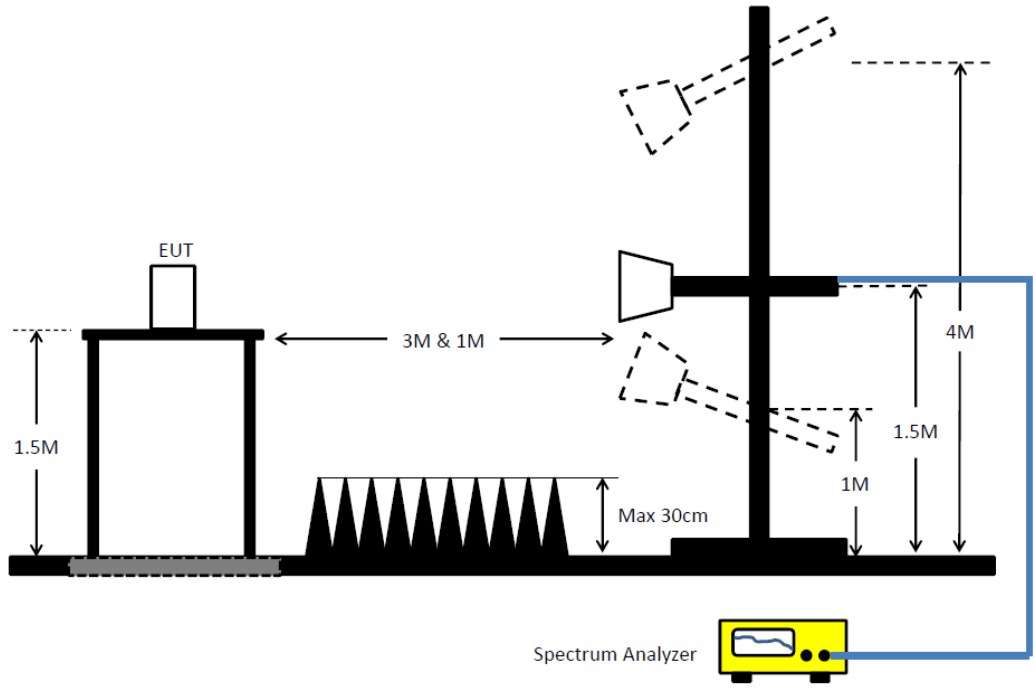
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.4.5 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101013	9kHz~40GHz	29/Dec/2017	28/Dec/2018
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	27/Jul/2017	26/Jul/2018
Power Sensor	Anritsu	MA2411B	0917017	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
Power Meter	Anritsu	ML2495A	0949003	300MHz ~ 40GHz	05/Feb/2018	04/Feb/2019
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10709/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.2m	HUBER+SUHNER	SUCOFLEX_104	MY10712/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018
RF Cable-0.5m	HUBER+SUHNER	SUCOFLEX_104	MY10713/4	30MHz ~ 26.5GHz	25/Aug/2017	24/Aug/2018

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	27/Oct/2017	26/Oct/2018
Amplifier	Agilent	8447D	2944A08290	100kHz ~ 1.3GHz	30Aug/2017	29Aug/2018
Spectrum Analyzer	Rohde & Schwarz	FSP40	100593	9KHz - 40GHz	12/Dec/2017	11/Dec/2018
RF Cable-high	SUHNER	SUCOFLEX104	MY34918/4	1GHz ~ 40GHz	19/Jan/2018	18/Jan/2019
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	06/Feb/2018	05/Feb/2019
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120D	BBHA 9120 D 1531	1GHz ~ 18GHz	18/Apr/ 2018	17/Apr/2019

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	40.025M	19.09M	19M1D1D	35.65M	16.642M
802.11a_Nss1,(6Mbps)_2TX	19.05M	16.417M	16M4D1D	18.575M	16.342M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.85M	17.616M	17M6D1D	19.45M	17.516M
802.11ac VHT40_Nss1,(MCS0)_2TX	58.75M	36.082M	36M1D1D	39.5M	35.982M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.3M	75.862M	75M9D1D	82.9M	75.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	33.45M	16.567M	16M6D1D	21.175M	13.838M
802.11a_Nss1,(6Mbps)_2TX	19.175M	16.442M	16M4D1D	14.295M	13.163M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.95M	17.641M	17M6D1D	14.88M	13.793M
802.11ac VHT40_Nss1,(MCS0)_2TX	55.5M	36.132M	36M1D1D	39.305M	32.884M
802.11ac VHT80_Nss1,(MCS0)_2TX	101.8M	75.862M	75M9D1D	76.5M	72.564M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	10.695M	10M7D1D	3.1M	10.695M
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.398M	3M40D1D	3.1M	3.358M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.76M	3.858M	3M86D1D	3.76M	3.858M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.12M	18.091M	18M1D1D	3.1M	4.458M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.12M	32.784M	32M8D1D	3.1M	24.428M

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

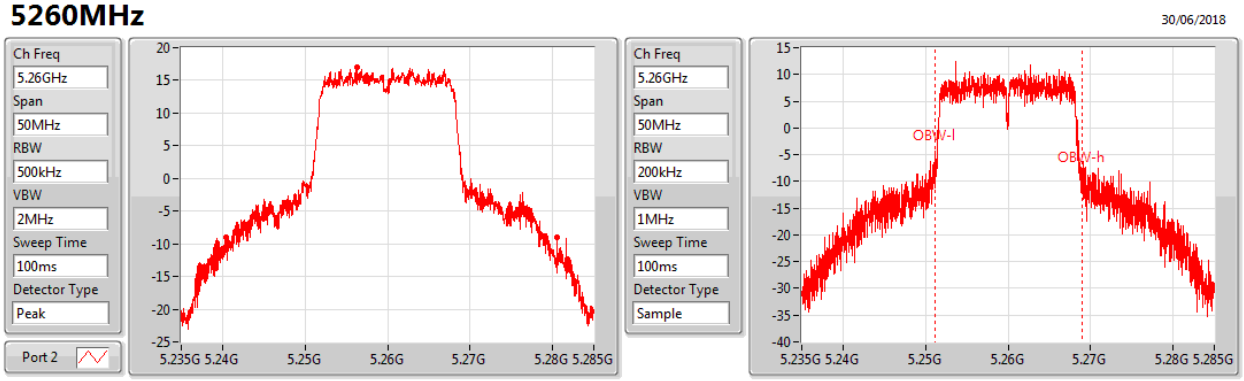
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf			40.025M	17.816M
5300MHz_TnomVnom	Pass	Inf			39.125M	19.09M
5320MHz_TnomVnom	Pass	Inf			35.65M	16.642M
5500MHz_TnomVnom	Pass	Inf			23M	16.467M
5580MHz_TnomVnom	Pass	Inf			33.45M	16.567M
5700MHz_TnomVnom	Pass	Inf			21.175M	16.442M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf			23.775M	13.838M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k			3.1M	10.695M
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	18.65M	16.342M	19.025M	16.392M
5300MHz_TnomVnom	Pass	Inf	18.575M	16.392M	19.05M	16.417M
5320MHz_TnomVnom	Pass	Inf	18.625M	16.367M	18.975M	16.417M
5500MHz_TnomVnom	Pass	Inf	18.425M	16.342M	19.15M	16.392M
5580MHz_TnomVnom	Pass	Inf	18.5M	16.367M	19.175M	16.392M
5700MHz_TnomVnom	Pass	Inf	18.55M	16.392M	19.15M	16.442M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.295M	13.163M	14.625M	13.238M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.2M	3.398M	3.1M	3.358M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	Inf	19.45M	17.566M	19.85M	17.616M
5300MHz_TnomVnom	Pass	Inf	19.475M	17.566M	19.75M	17.616M
5320MHz_TnomVnom	Pass	Inf	19.475M	17.516M	19.8M	17.616M
5500MHz_TnomVnom	Pass	Inf	19.675M	17.566M	19.95M	17.591M
5580MHz_TnomVnom	Pass	Inf	19.625M	17.566M	19.95M	17.616M
5700MHz_TnomVnom	Pass	Inf	19.5M	17.566M	19.9M	17.641M
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	14.88M	13.793M	15.12M	13.823M
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.76M	3.858M	3.76M	3.858M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	Inf	39.95M	36.082M	58.75M	36.032M
5310MHz_TnomVnom	Pass	Inf	39.5M	36.032M	39.7M	35.982M
5510MHz_TnomVnom	Pass	Inf	39.6M	35.982M	39.6M	35.932M
5550MHz_TnomVnom	Pass	Inf	44.15M	36.132M	55M	36.032M
5670MHz_TnomVnom	Pass	Inf	39.9M	36.032M	55.5M	36.032M
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	39.305M	32.954M	46.375M	32.884M
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	4.458M	3.1M	18.091M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	Inf	82.9M	75.862M	83.3M	75.762M
5530MHz_TnomVnom	Pass	Inf	83M	75.762M	83.6M	75.762M
5610MHz_TnomVnom	Pass	Inf	83.2M	75.762M	101.8M	75.862M
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	Inf	76.5M	72.564M	90.75M	72.639M
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	500k	3.12M	24.428M	3.1M	32.784M

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

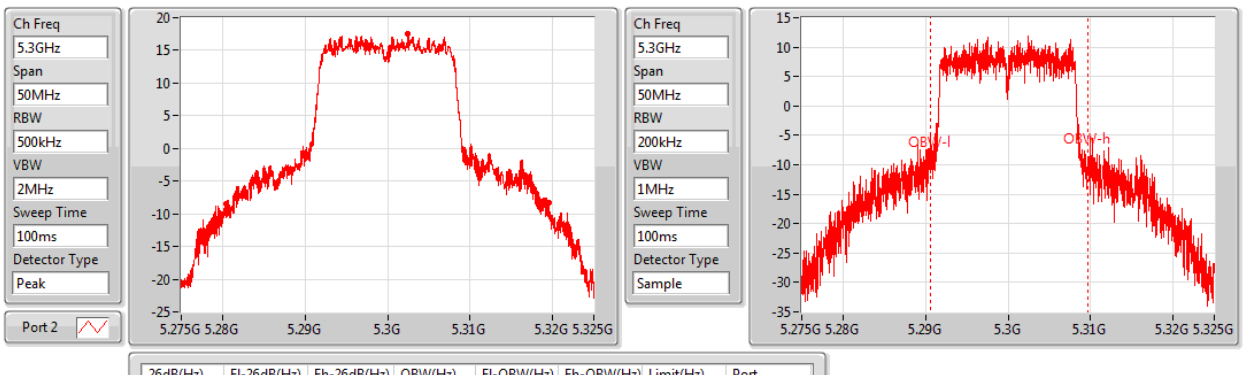
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.025M	5.240475G	5.2805G	17.816M	5.251204G	5.26902G	Inf	2

802.11a_Nss1,(6Mbps)_1TX EBW

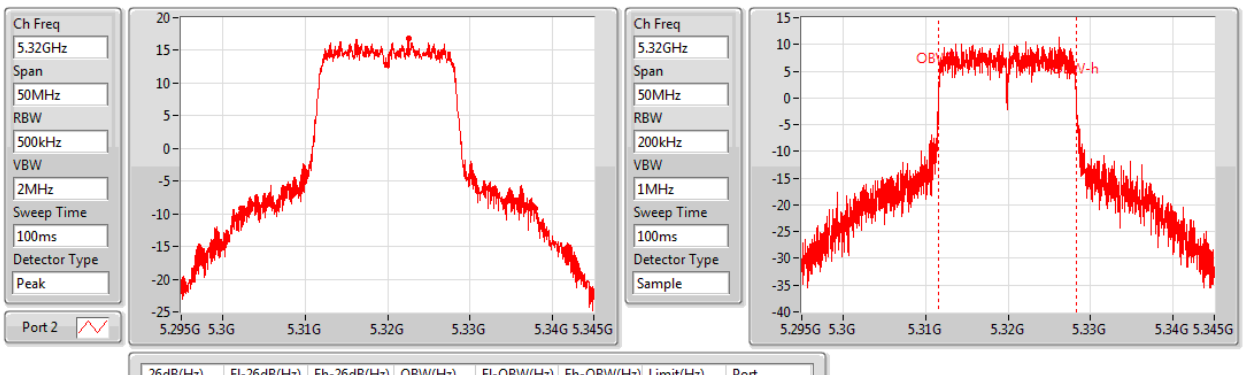
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.125M	5.280375G	5.3195G	19.09M	5.29058G	5.30967G	Inf	2

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

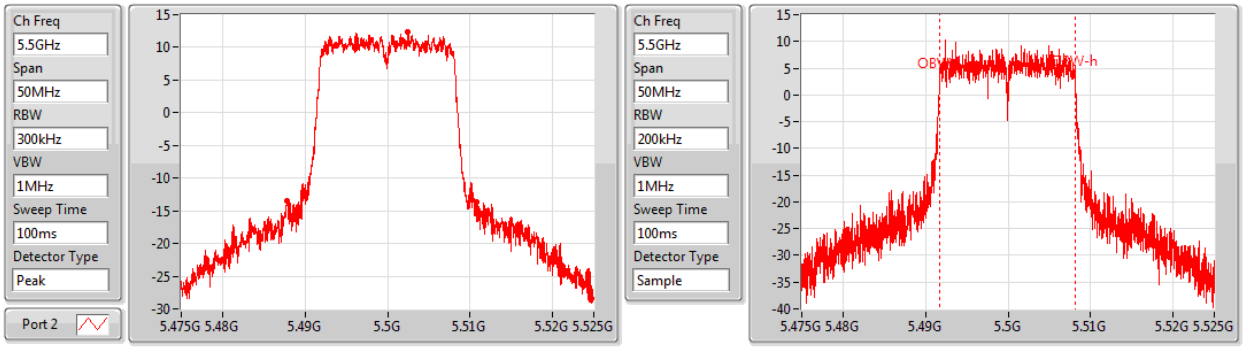


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	5.302275G	5.337925G	16.642M	5.311629G	5.328271G	Inf	2

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

5500MHz

30/06/2018

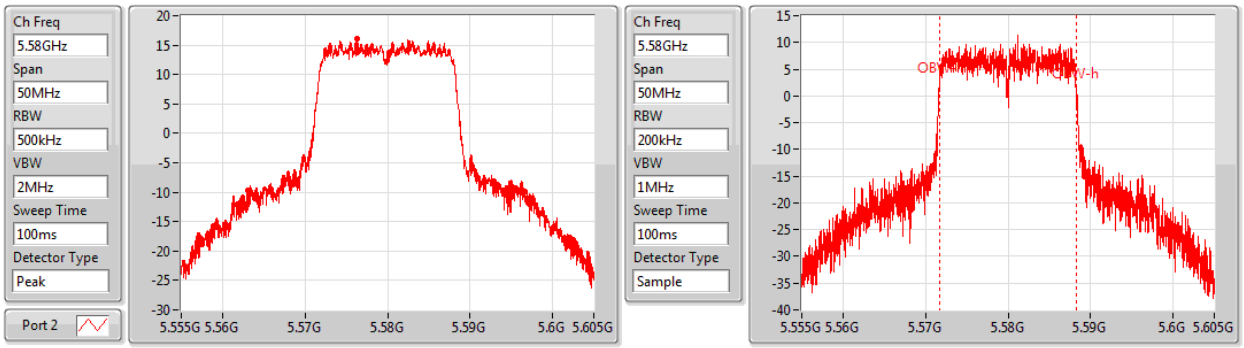


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23M	5.487825G	5.510825G	16.467M	5.491704G	5.508171G	Inf	2

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

5580MHz

30/06/2018

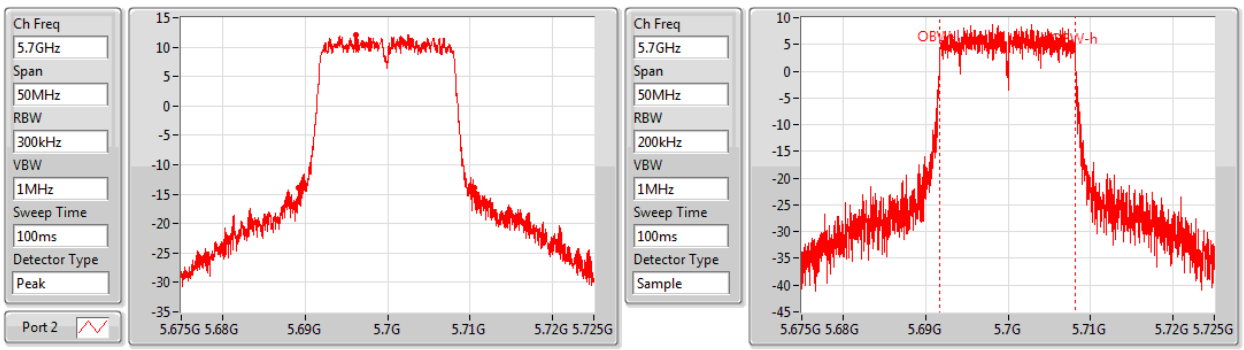


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.45M	5.563125G	5.596575G	16.567M	5.571679G	5.588246G	Inf	2

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

5700MHz

30/06/2018

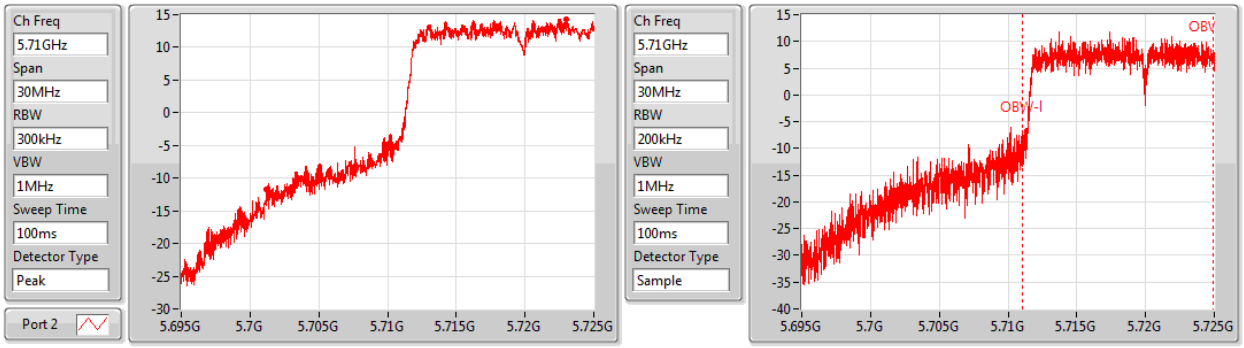


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.175M	5.689275G	5.71045G	16.442M	5.691729G	5.708171G	Inf	2

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

5720MHz Straddle 5.47-5.725GHz

30/06/2018

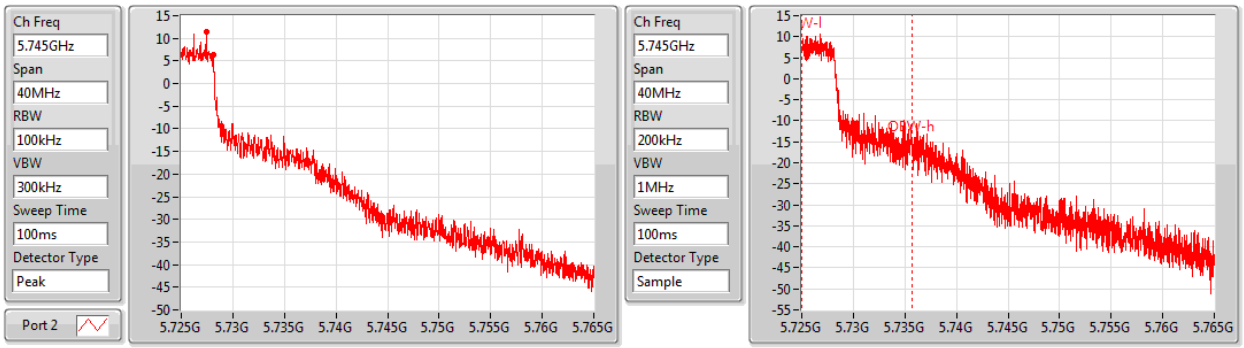


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.775M	5.701225G	5.725G	13.838M	5.711079G	5.724918G	Inf	2

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

5720MHz Straddle 5.725-5.85GHz

30/06/2018

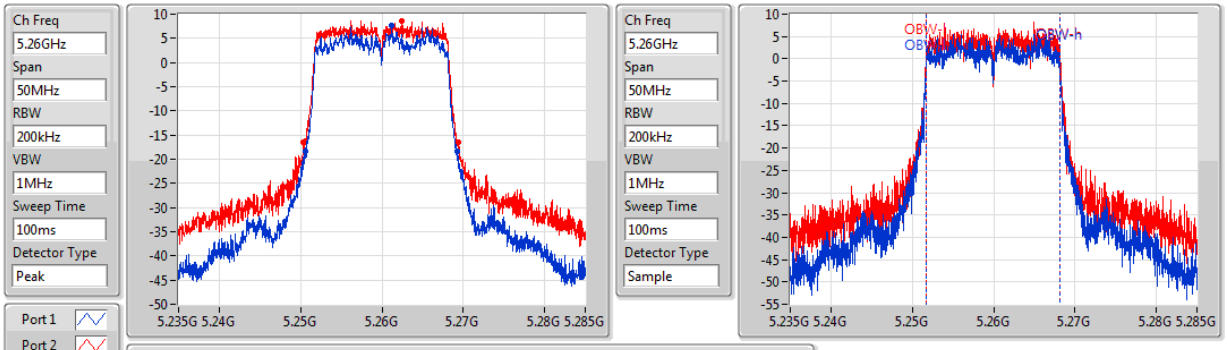


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	10.695M	5.72501G	5.735705G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

5260MHz

30/06/2018

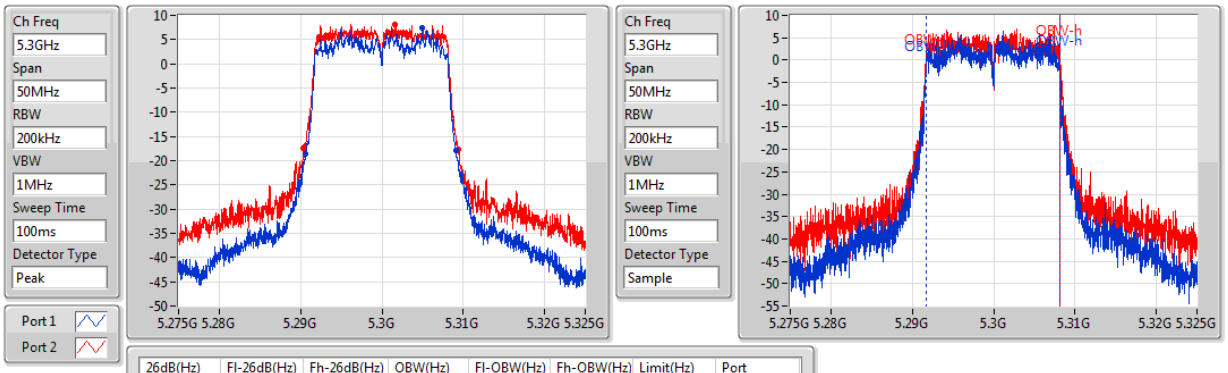


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.65M	5.2506G	5.26925G	16.342M	5.251754G	5.268096G	Inf	1
19.025M	5.250375G	5.2694G	16.392M	5.251754G	5.268146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

5300MHz

30/06/2018

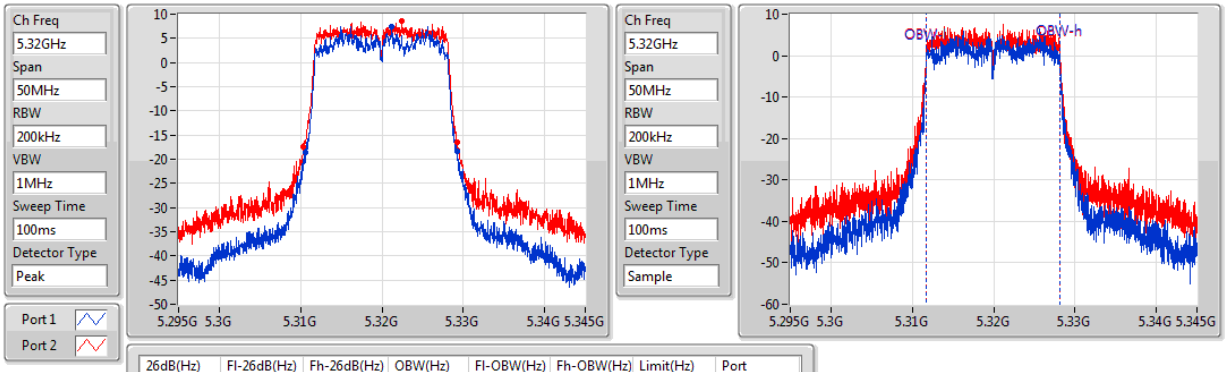


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.575M	5.290575G	5.30915G	16.392M	5.291729G	5.308121G	Inf	1
19.05M	5.290325G	5.309375G	16.417M	5.291729G	5.308146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

5320MHz

30/06/2018

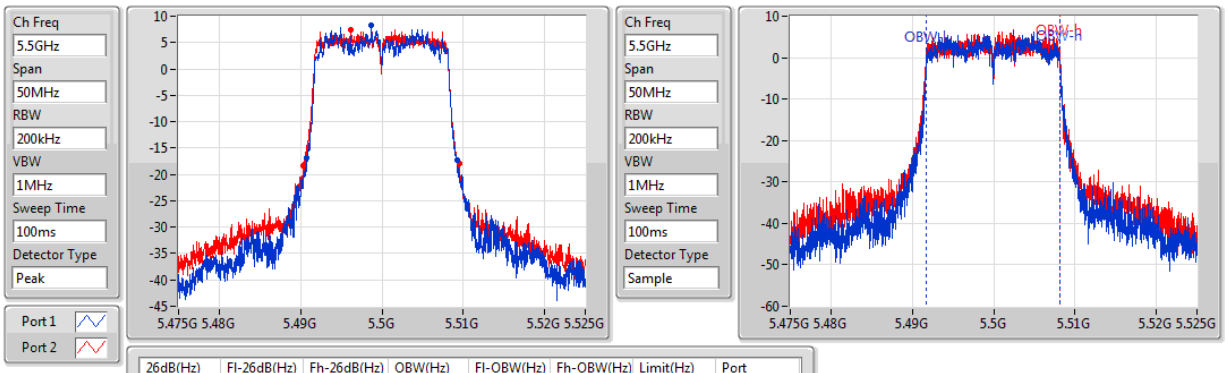


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.625M	5.310625G	5.32925G	16.367M	5.311754G	5.328121G	Inf	1
18.975M	5.310325G	5.3293G	16.417M	5.311729G	5.328146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

5500MHz

30/06/2018

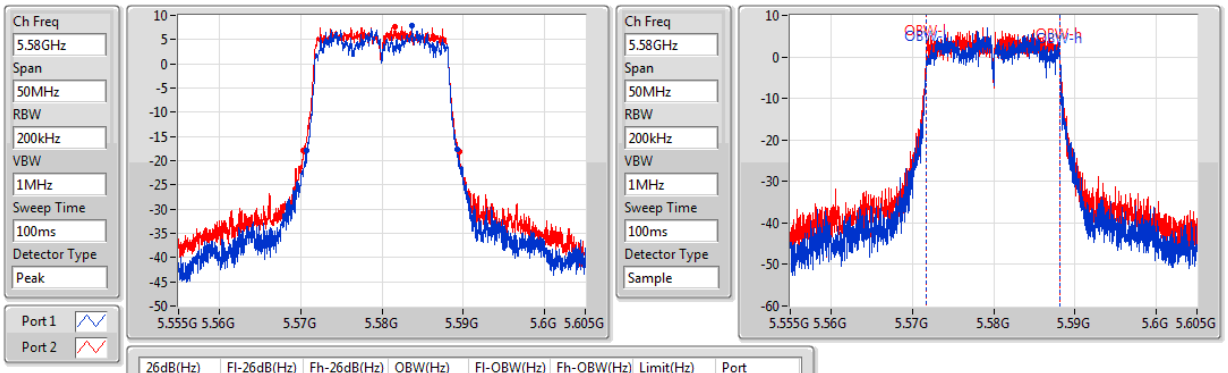


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.425M	5.4908G	5.509225G	16.342M	5.491779G	5.508121G	Inf	1
19.15M	5.490325G	5.509475G	16.392M	5.491729G	5.508121G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

30/06/2018

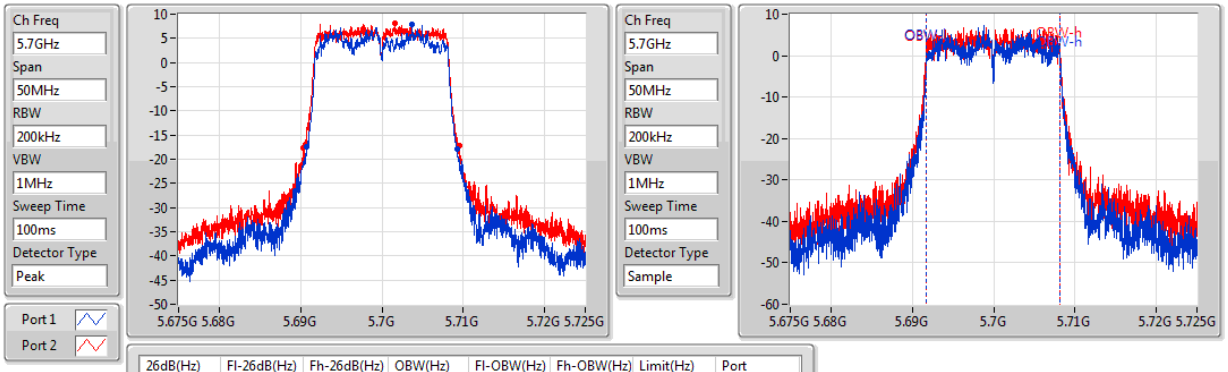


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.5M	5.570725G	5.589225G	16.367M	5.571779G	5.588146G	Inf	1
19.175M	5.57035G	5.589525G	16.392M	5.571754G	5.588146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

30/06/2018

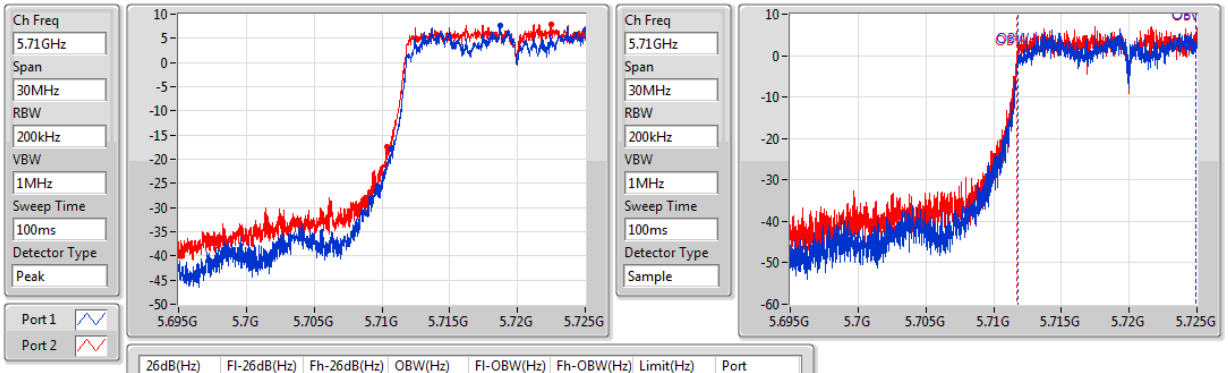


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.55M	5.6907G	5.70925G	16.392M	5.691779G	5.708171G	Inf	1
19.15M	5.690325G	5.709475G	16.442M	5.691729G	5.708171G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

30/06/2018



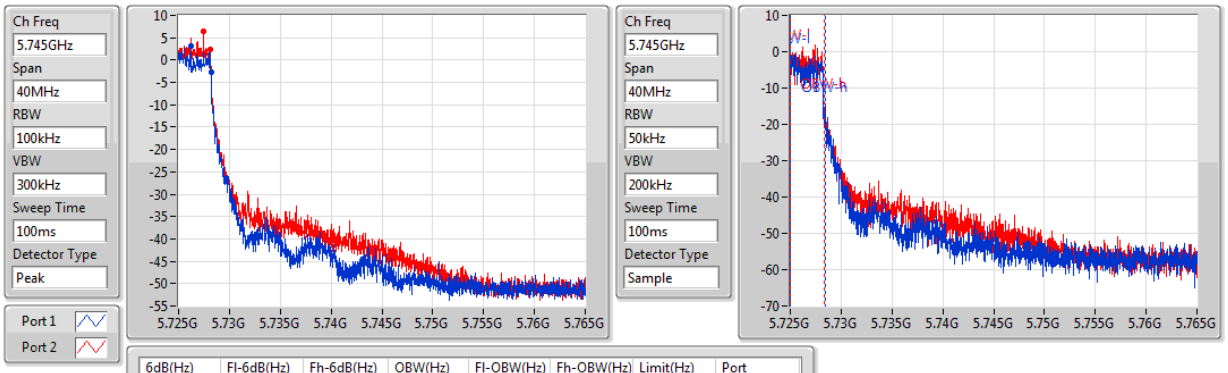
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.295M	5.710705G	5.725G	13.163M	5.711769G	5.724933G	Inf	1
14.625M	5.710375G	5.725G	13.238M	5.711709G	5.724948G	Inf	2

802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/06/2018



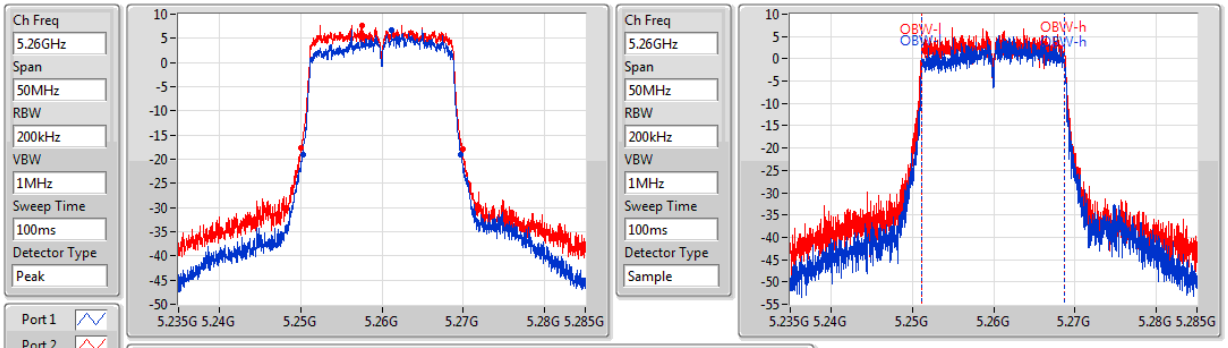
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.2M	5.725G	5.7282G	3.398M	5.72501G	5.728408G	500k	1
3.1M	5.725G	5.7281G	3.358M	5.72501G	5.728368G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

30/06/2018



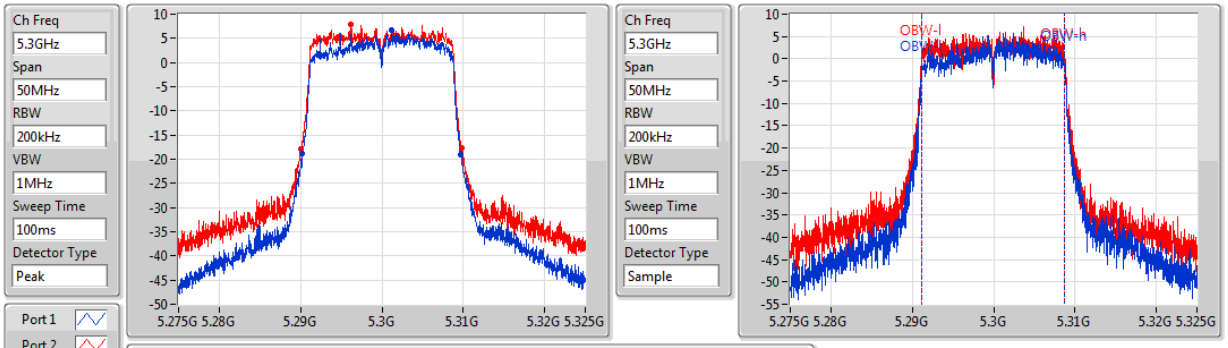
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.45M	5.250275G	5.269725G	17.566M	5.251179G	5.268746G	Inf	1
19.85M	5.250075G	5.269925G	17.616M	5.251129G	5.268746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

30/06/2018

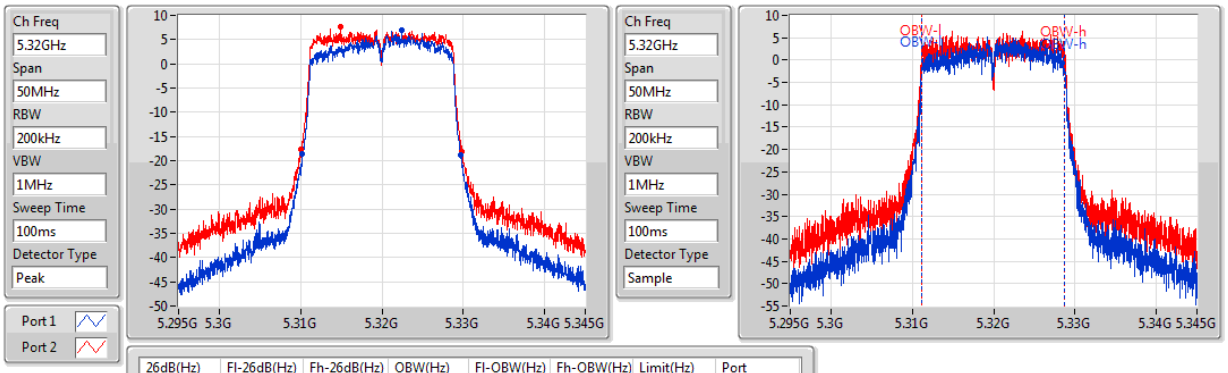


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.475M	5.290225G	5.3097G	17.566M	5.291179G	5.308746G	Inf	1
19.75M	5.2901G	5.30985G	17.616M	5.291129G	5.308746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

30/06/2018

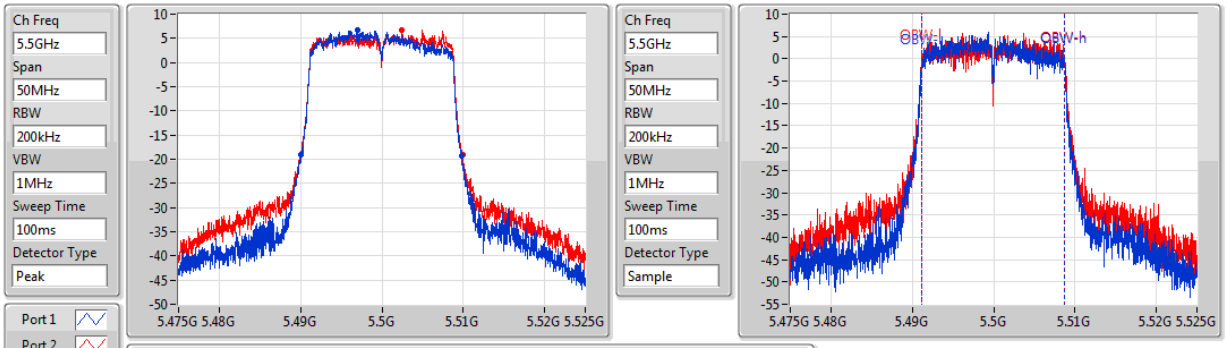


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.475M	5.3102G	5.329675G	17.516M	5.311204G	5.328721G	Inf	1
19.8M	5.31005G	5.32985G	17.616M	5.311154G	5.328771G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

30/06/2018

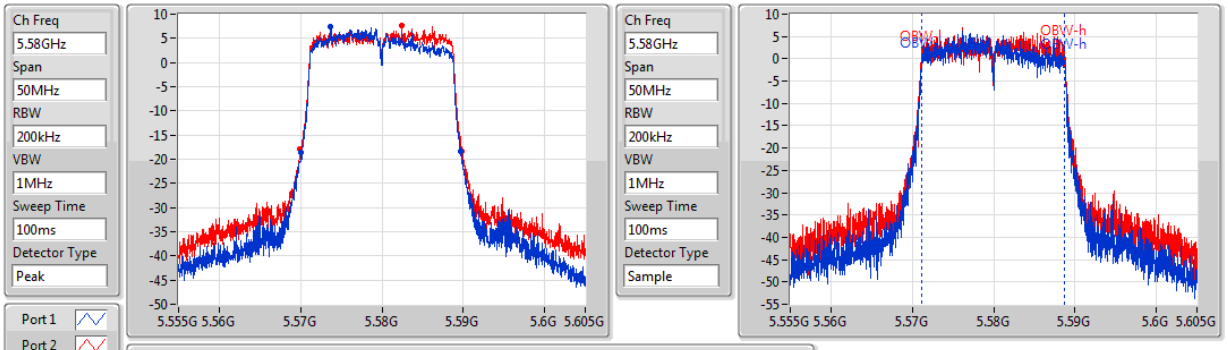


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.675M	5.490075G	5.50975G	17.566M	5.491154G	5.508721G	Inf	1
19.95M	5.49G	5.50995G	17.591M	5.491154G	5.508746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

30/06/2018



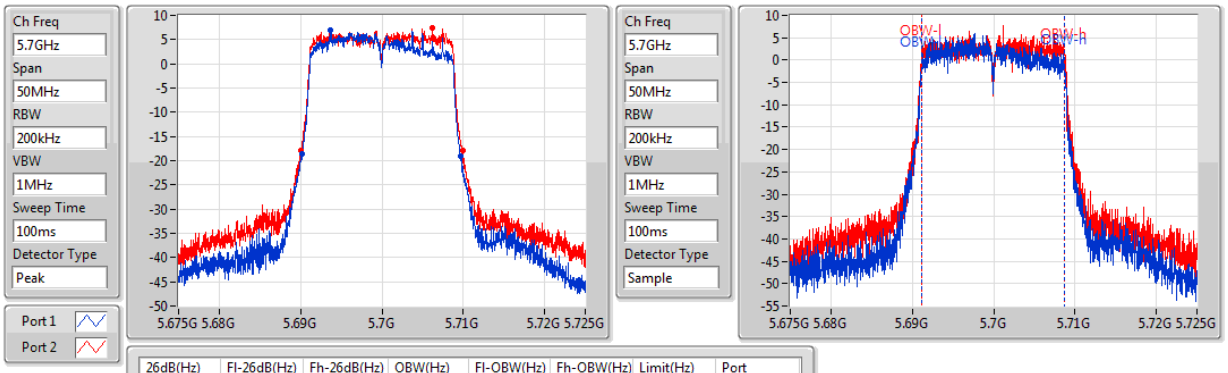
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.625M	5.57005G	5.589675G	17.566M	5.571154G	5.588721G	Inf	1
19.95M	5.5699G	5.58985G	17.616M	5.571129G	5.588746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

30/06/2018



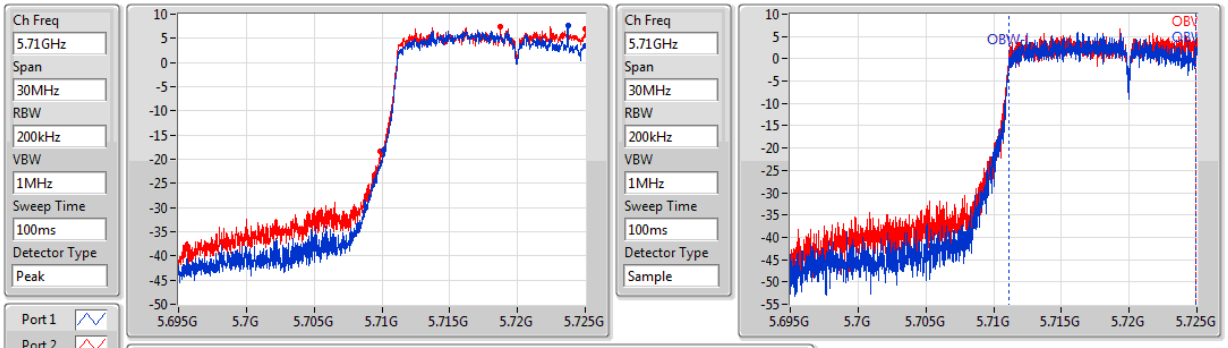
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.5M	5.690125G	5.709625G	17.566M	5.691129G	5.708696G	Inf	1
19.9M	5.690025G	5.709925G	17.641M	5.691129G	5.708771G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

30/06/2018



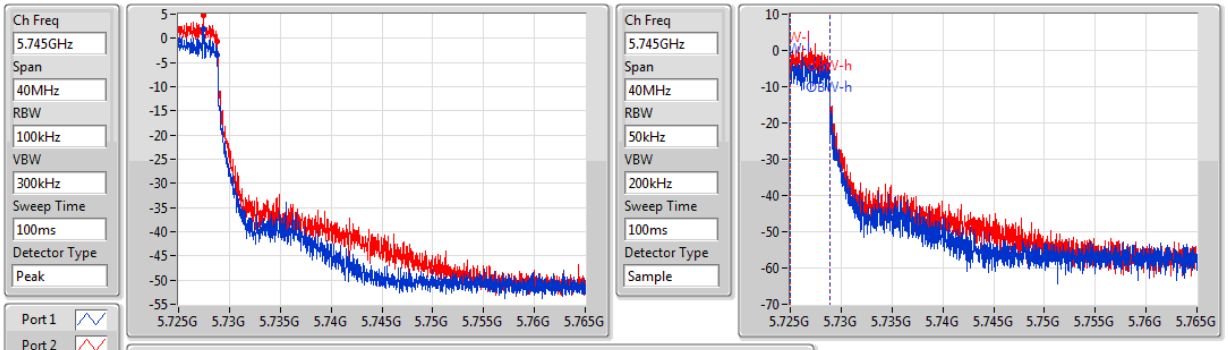
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.88M	5.71012G	5.725G	13.793M	5.711124G	5.724918G	Inf	1
15.12M	5.70988G	5.725G	13.823M	5.711109G	5.724933G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

30/06/2018



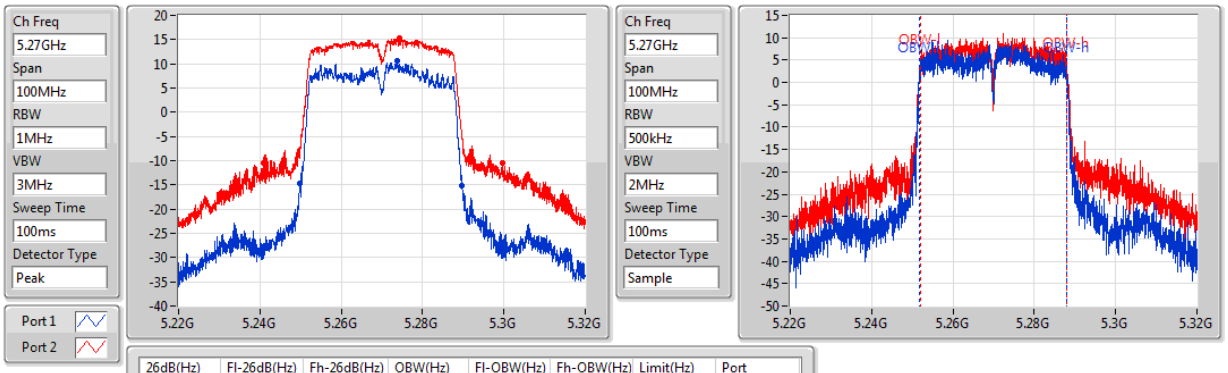
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	3.858M	5.72503G	5.728888G	500k	1
3.76M	5.725G	5.72876G	3.858M	5.72501G	5.728868G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

30/06/2018



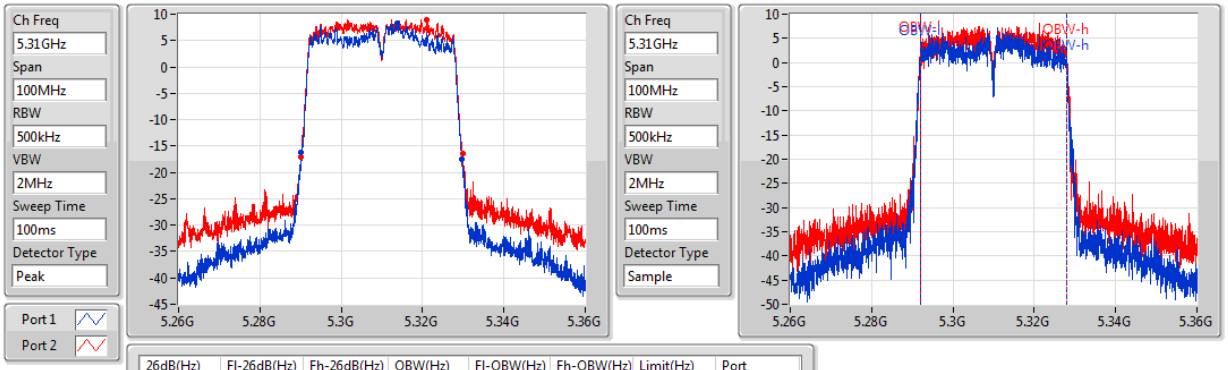
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.24975G	5.2897G	36.082M	5.251859G	5.287941G	Inf	1
58.75M	5.2409G	5.29965G	36.032M	5.251909G	5.287941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

30/06/2018



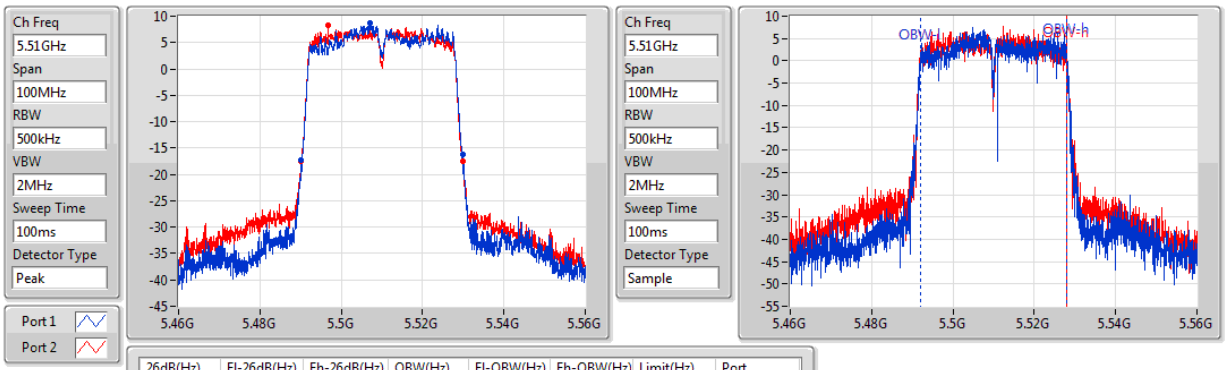
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.2902G	5.3297G	36.032M	5.291909G	5.327941G	Inf	1
39.7M	5.29015G	5.32985G	35.982M	5.291959G	5.327941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

30/06/2018



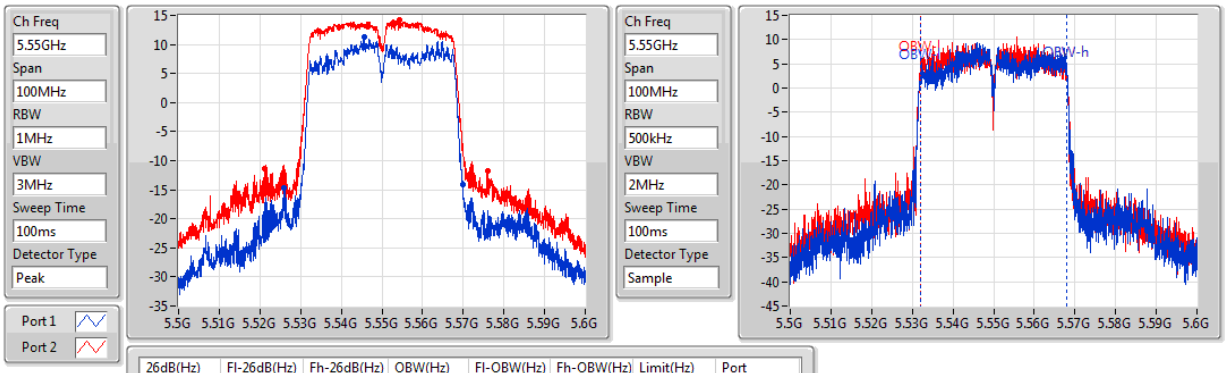
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.4902G	5.5298G	35.982M	5.492009G	5.527991G	Inf	1
39.6M	5.4902G	5.5298G	35.932M	5.491959G	5.527891G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

30/06/2018



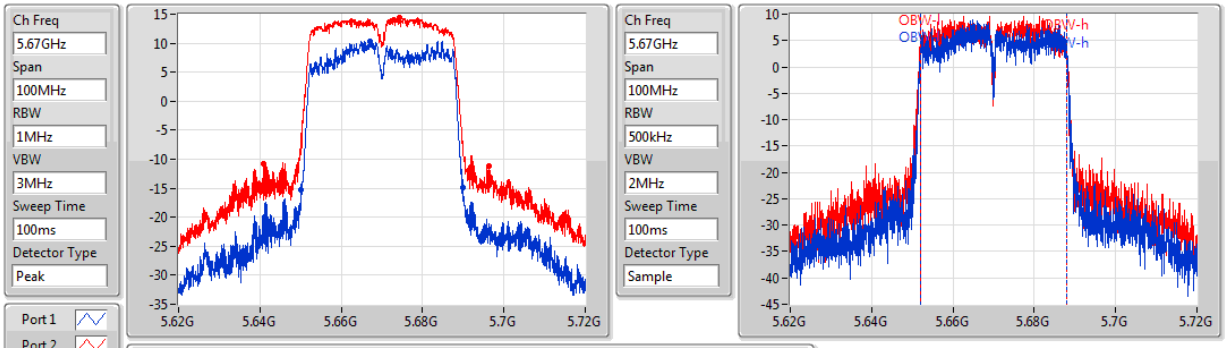
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.15M	5.5258G	5.56995G	36.132M	5.531909G	5.568041G	Inf	1
55M	5.52115G	5.57615G	36.032M	5.531909G	5.567941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

30/06/2018



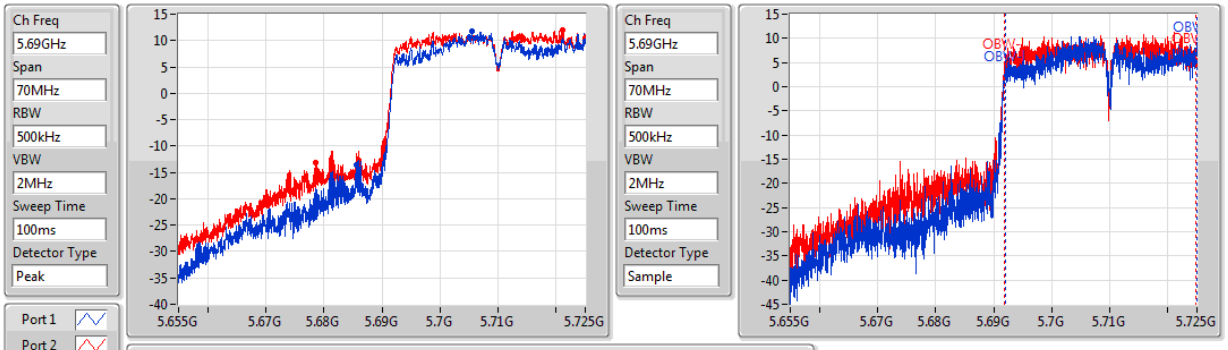
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.6501G	5.69G	36.032M	5.652009G	5.688041G	Inf	1
55.5M	5.6409G	5.6964G	36.032M	5.651909G	5.687941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

30/06/2018

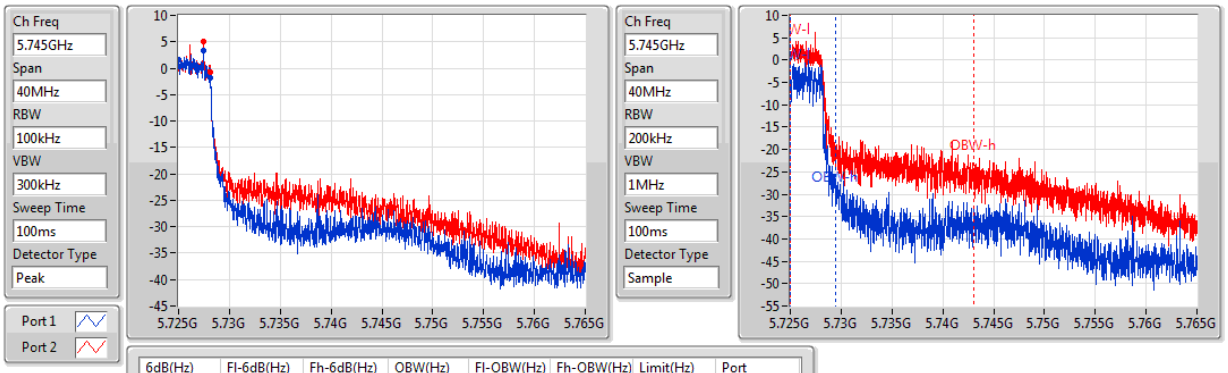


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.305M	5.685695G	5.725G	32.954M	5.691959G	5.724913G	Inf	1
46.375M	5.678625G	5.725G	32.884M	5.691889G	5.724773G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

30/06/2018

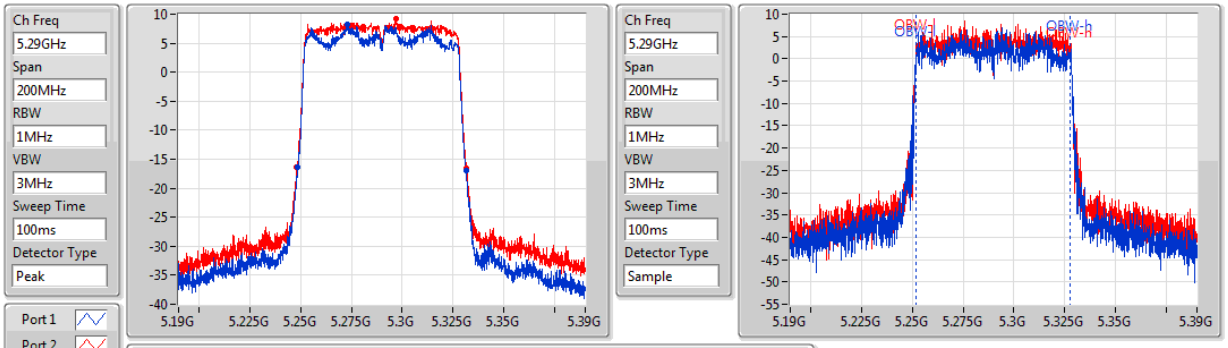


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	4.458M	5.72501G	5.729468G	500k	1
3.1M	5.725G	5.7281G	18.091M	5.72501G	5.743101G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

30/06/2018

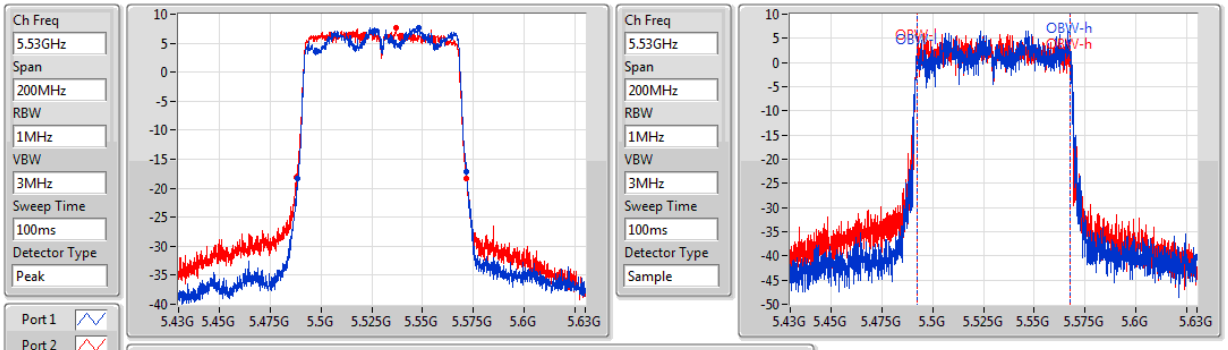


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.9M	5.2484G	5.3313G	75.862M	5.252019G	5.327881G	Inf	1
83.3M	5.2482G	5.3315G	75.762M	5.252019G	5.327781G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5530MHz

30/06/2018



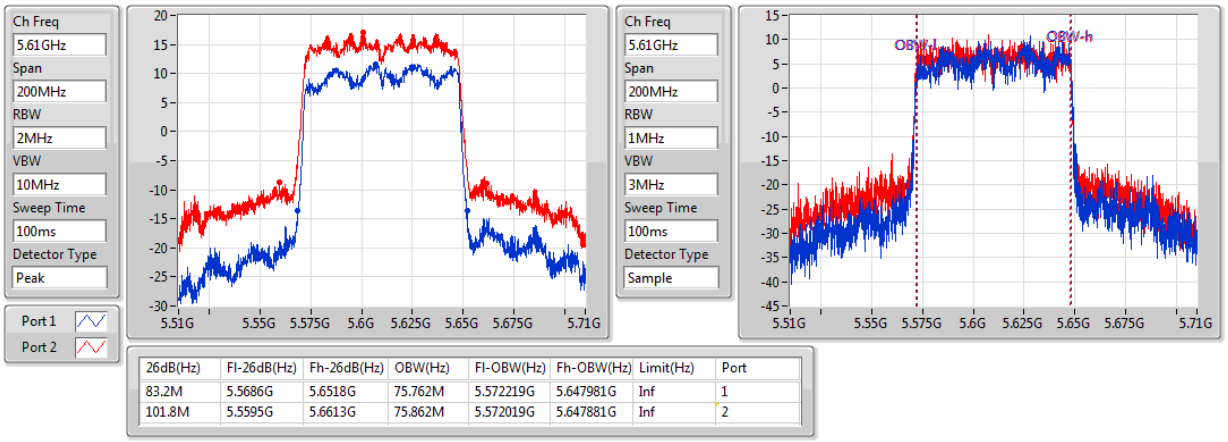
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83M	5.4887G	5.5717G	75.762M	5.492119G	5.567881G	Inf	1
83.6M	5.4879G	5.5715G	75.762M	5.492119G	5.567881G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5610MHz

30/06/2018



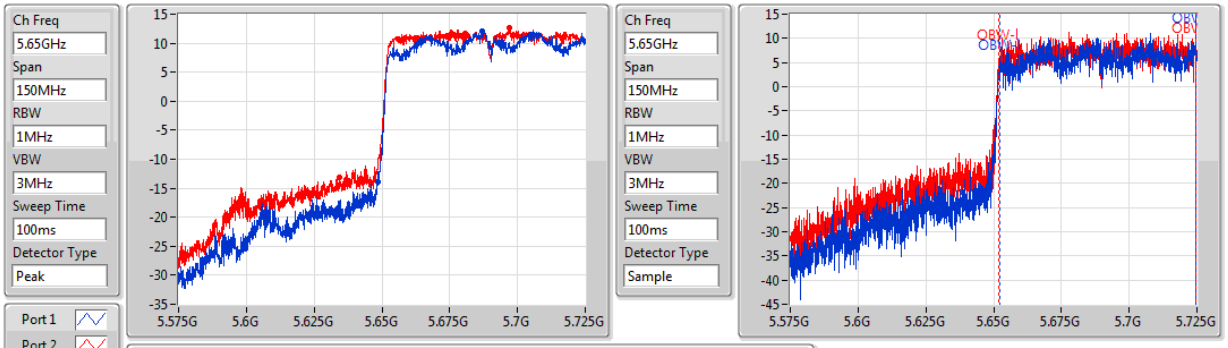
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.2M	5.5686G	5.6518G	75.762M	5.572219G	5.647981G	Inf	1
101.8M	5.5595G	5.6613G	75.862M	5.572019G	5.647881G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

30/06/2018



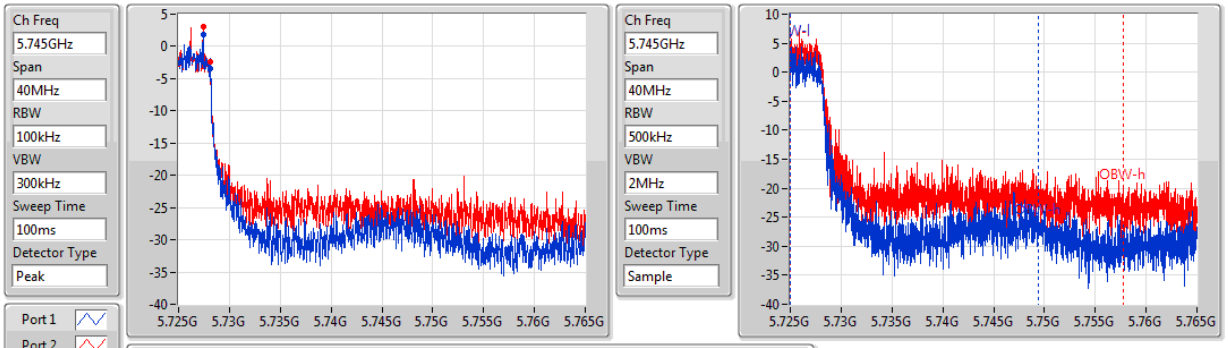
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	72.564M	5.652099G	5.724663G	Inf	1
90.75M	5.63425G	5.725G	72.639M	5.651949G	5.724588G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

30/06/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	24.428M	5.72501G	5.749438G	500k	1
3.1M	5.725G	5.7281G	32.784M	5.72501G	5.757794G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.48	0.22284	29.03	0.79983
802.11a_Nss1,(6Mbps)_2TX	21.40	0.13804	26.95	0.49545
802.11ac VHT20_Nss1,(MCS0)_2TX	20.97	0.12503	26.52	0.44875
802.11ac VHT40_Nss1,(MCS0)_2TX	23.54	0.22594	29.09	0.81096
802.11ac VHT80_Nss1,(MCS0)_2TX	20.37	0.10889	25.92	0.39084
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.61	0.18239	28.16	0.65464
802.11a_Nss1,(6Mbps)_2TX	21.58	0.14388	27.13	0.51642
802.11ac VHT20_Nss1,(MCS0)_2TX	21.50	0.14125	27.05	0.50699
802.11ac VHT40_Nss1,(MCS0)_2TX	23.80	0.23988	29.35	0.86099
802.11ac VHT80_Nss1,(MCS0)_2TX	23.91	0.24604	29.46	0.88308
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.67	0.03690	21.22	0.13243
802.11a_Nss1,(6Mbps)_2TX	13.11	0.02046	18.66	0.07345
802.11ac VHT20_Nss1,(MCS0)_2TX	13.40	0.02188	18.95	0.07852
802.11ac VHT40_Nss1,(MCS0)_2TX	12.74	0.01879	18.29	0.06745
802.11ac VHT80_Nss1,(MCS0)_2TX	10.33	0.01079	15.88	0.03873

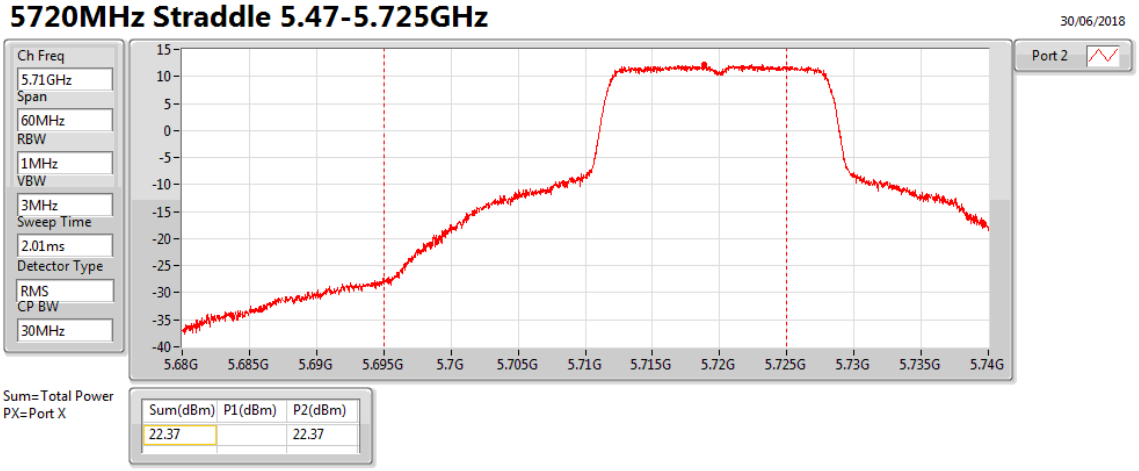
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.55		23.30	23.30	24.00	28.85	30.00
5300MHz_TnomVnom	Pass	5.55		23.48	23.48	24.00	29.03	30.00
5320MHz_TnomVnom	Pass	5.55		22.76	22.76	24.00	28.31	30.00
5500MHz_TnomVnom	Pass	5.55		21.56	21.56	24.00	27.11	30.00
5580MHz_TnomVnom	Pass	5.55		22.61	22.61	24.00	28.16	30.00
5700MHz_TnomVnom	Pass	5.55		21.13	21.13	24.00	26.68	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55		22.37	22.37	24.00	27.92	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55		15.67	15.67	30.00	21.22	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.55	17.36	19.22	21.40	23.71	26.95	29.71
5300MHz_TnomVnom	Pass	5.55	17.27	18.88	21.16	23.69	26.71	29.69
5320MHz_TnomVnom	Pass	5.55	17.36	19.10	21.33	23.70	26.88	29.70
5500MHz_TnomVnom	Pass	5.55	18.49	18.64	21.58	23.65	27.13	29.65
5580MHz_TnomVnom	Pass	5.55	17.83	18.76	21.33	23.67	26.88	29.67
5700MHz_TnomVnom	Pass	5.55	17.81	17.72	20.78	23.68	26.33	29.68
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55	16.24	17.32	19.82	22.55	25.37	28.55
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55	9.04	10.95	13.11	30.00	18.66	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.55	16.95	18.64	20.89	23.89	26.44	29.89
5300MHz_TnomVnom	Pass	5.55	16.94	18.56	20.84	23.89	26.39	29.89
5320MHz_TnomVnom	Pass	5.55	17.20	18.60	20.97	23.89	26.52	29.89
5500MHz_TnomVnom	Pass	5.55	18.26	18.31	21.30	23.94	26.85	29.94
5580MHz_TnomVnom	Pass	5.55	18.16	18.80	21.50	23.93	27.05	29.93
5700MHz_TnomVnom	Pass	5.55	17.52	18.67	21.14	23.90	26.69	29.90
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55	16.56	17.18	19.89	22.73	25.44	28.73
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55	8.59	11.66	13.40	30.00	18.95	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	5.55	19.50	21.36	23.54	24.00	29.09	30.00
5310MHz_TnomVnom	Pass	5.55	17.39	19.06	21.32	24.00	26.87	30.00
5510MHz_TnomVnom	Pass	5.55	18.04	18.39	21.23	24.00	26.78	30.00
5550MHz_TnomVnom	Pass	5.55	20.37	21.17	23.80	24.00	29.35	30.00
5670MHz_TnomVnom	Pass	5.55	19.83	21.10	23.52	24.00	29.07	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55	19.75	21.24	23.57	24.00	29.12	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55	9.64	9.82	12.74	30.00	18.29	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	5.55	16.43	18.12	20.37	24.00	25.92	30.00
5530MHz_TnomVnom	Pass	5.55	16.64	17.15	19.91	24.00	25.46	30.00
5610MHz_TnomVnom	Pass	5.55	20.36	21.38	23.91	24.00	29.46	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55	20.16	21.39	23.83	24.00	29.38	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55	7.42	7.22	10.33	30.00	15.88	36.00

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

802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

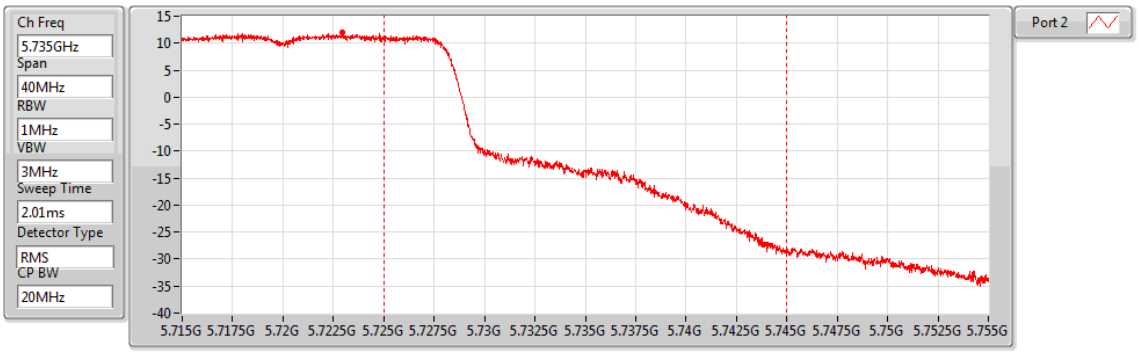


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
22.37		22.37

802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

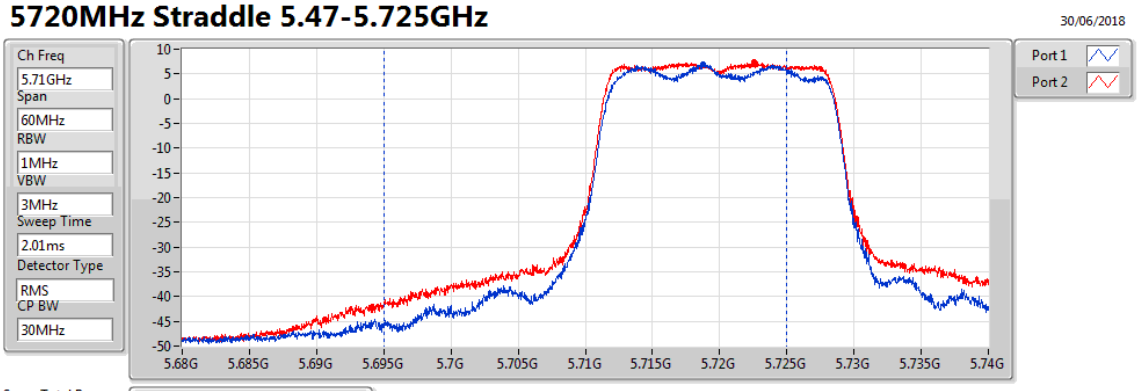


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.67		15.67

802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

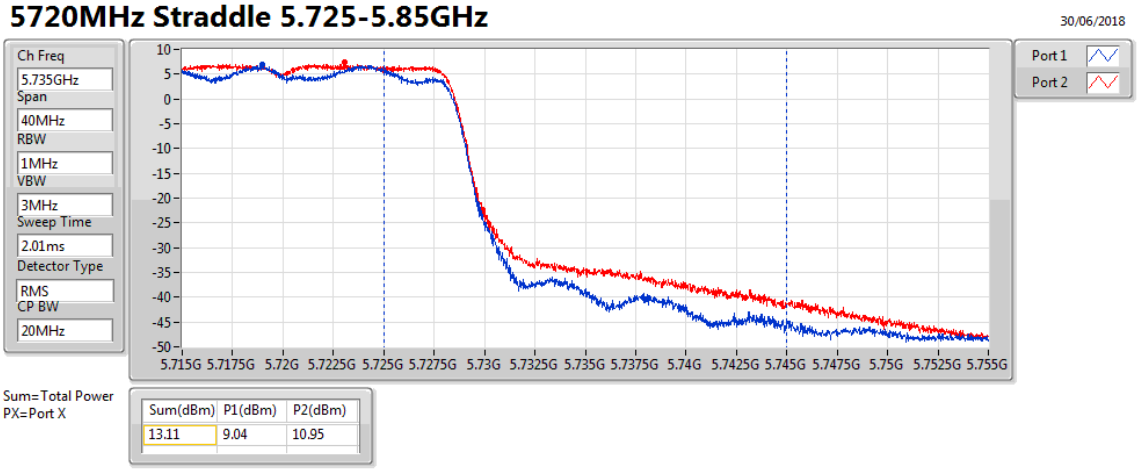


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
19.82	16.24	17.32

802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

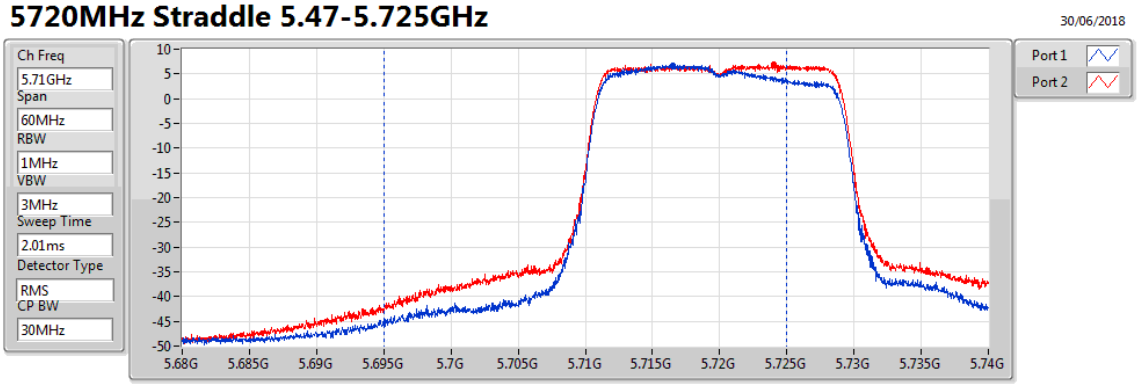


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.11	9.04	10.95

802.11ac VHT20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

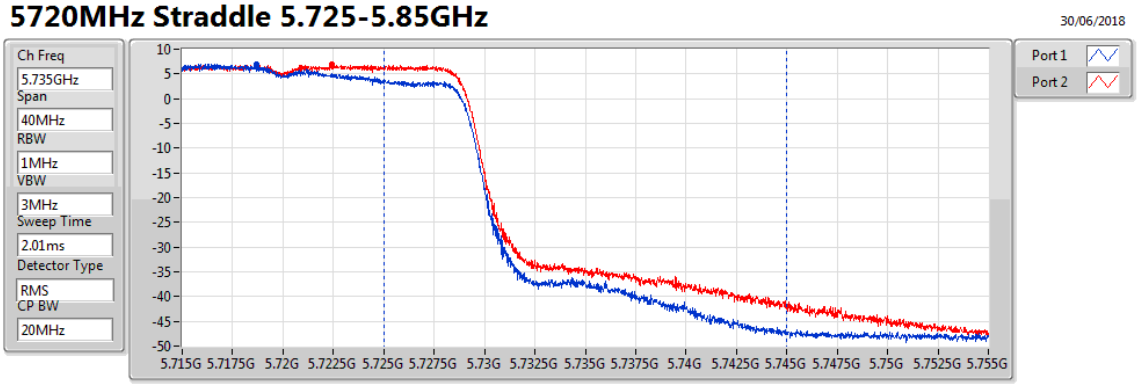


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
19.89	16.56	17.18

802.11ac VHT20_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

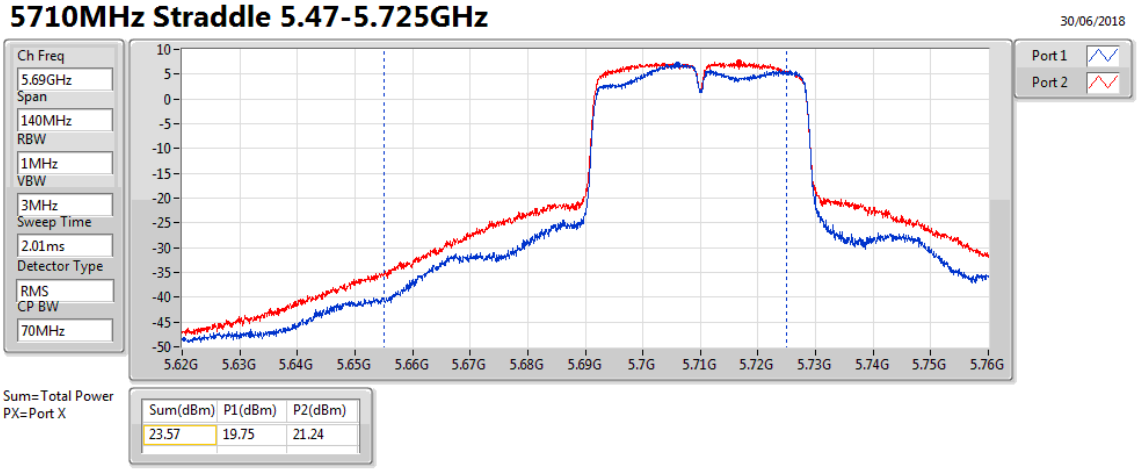


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.40	8.59	11.66

802.11ac VHT40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

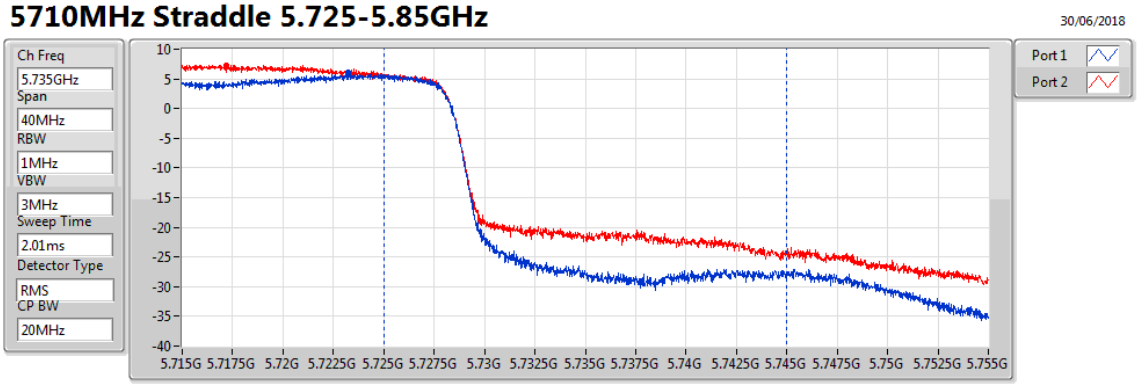


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.57	19.75	21.24

802.11ac VHT40_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

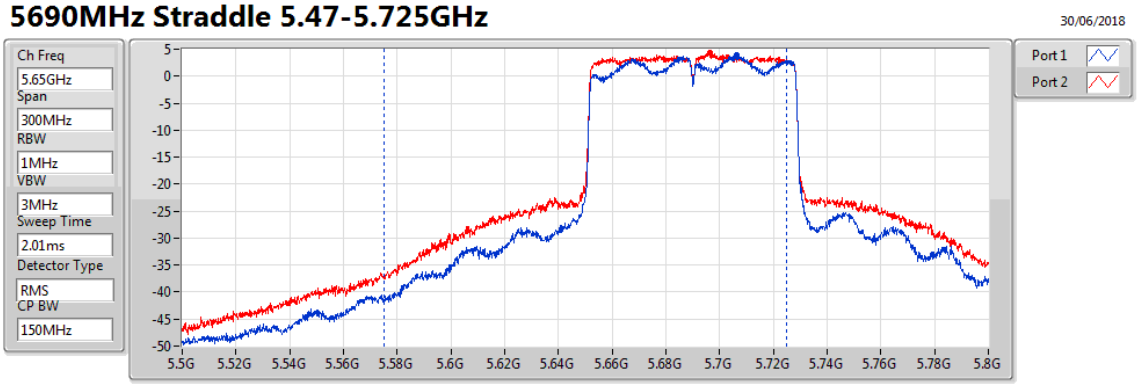


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.74	9.64	9.82

802.11ac VHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



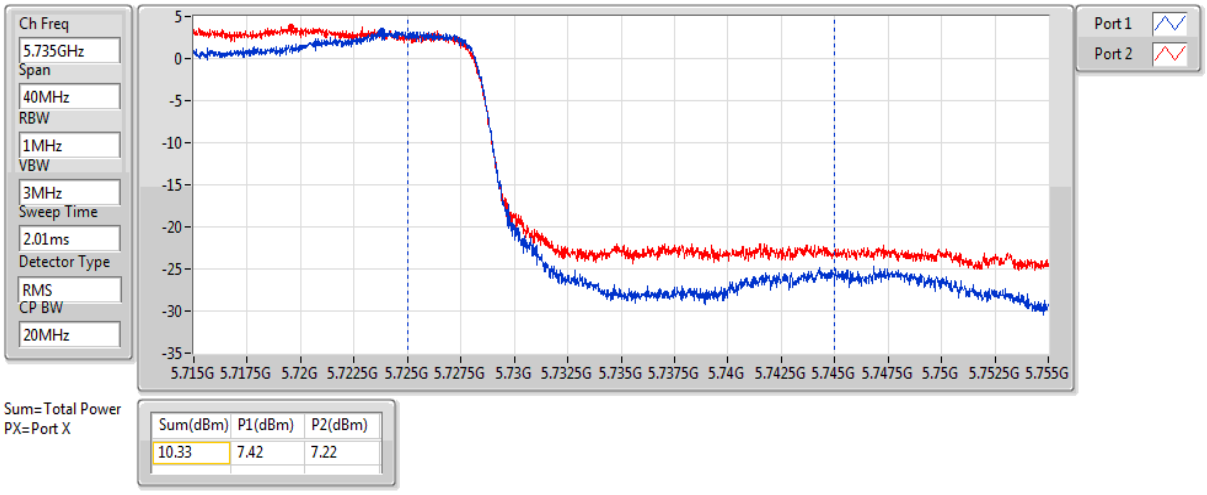
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.83	20.16	21.39

802.11ac VHT80_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

30/06/2018



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
10.33	7.42	7.22

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.96	0.06252	26.52	0.44875
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	20.53	0.11298	29.09	0.81096
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.36	0.05445	25.92	0.39084
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	18.49	0.07063	27.05	0.50699
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	20.79	0.11995	29.35	0.86099
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.90	0.12303	29.46	0.88308
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.39	0.01094	18.95	0.07852
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.73	0.00940	18.29	0.06745
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	7.32	0.00540	15.88	0.03873

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.56	13.94	15.63	17.88	21.44	26.44	30.00
5300MHz_TnomVnom	Pass	8.56	13.93	15.55	17.83	21.44	26.39	30.00
5320MHz_TnomVnom	Pass	8.56	14.19	15.59	17.96	21.44	26.52	30.00
5500MHz_TnomVnom	Pass	8.56	15.25	15.30	18.29	21.44	26.85	30.00
5580MHz_TnomVnom	Pass	8.56	15.15	15.79	18.49	21.44	27.05	30.00
5700MHz_TnomVnom	Pass	8.56	14.51	15.66	18.13	21.44	26.69	30.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	13.55	14.17	16.88	21.44	25.44	30.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	5.58	8.65	10.39	27.44	18.95	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.56	16.49	18.35	20.53	21.44	29.09	30.00
5310MHz_TnomVnom	Pass	8.56	14.38	16.05	18.31	21.44	26.87	30.00
5510MHz_TnomVnom	Pass	8.56	15.03	15.38	18.22	21.44	26.78	30.00
5550MHz_TnomVnom	Pass	8.56	17.36	18.16	20.79	21.44	29.35	30.00
5670MHz_TnomVnom	Pass	8.56	16.82	18.09	20.51	21.44	29.07	30.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	16.74	18.23	20.56	21.44	29.12	30.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	6.63	6.81	9.73	27.44	18.29	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.56	13.42	15.11	17.36	21.44	25.92	30.00
5530MHz_TnomVnom	Pass	8.56	13.63	14.14	16.90	21.44	25.46	30.00
5610MHz_TnomVnom	Pass	8.56	17.35	18.37	20.90	21.44	29.46	30.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	17.15	18.38	20.82	21.44	29.38	30.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	4.41	4.21	7.32	27.44	15.88	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.25	15.80
802.11a_Nss1,(6Mbps)_2TX	8.35	16.91
802.11ac VHT20_Nss1,(MCS0)_2TX	8.22	16.78
802.11ac VHT40_Nss1,(MCS0)_2TX	7.82	16.38
802.11ac VHT80_Nss1,(MCS0)_2TX	1.24	9.80
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.25	15.80
802.11a_Nss1,(6Mbps)_2TX	8.34	16.90
802.11ac VHT20_Nss1,(MCS0)_2TX	8.39	16.95
802.11ac VHT40_Nss1,(MCS0)_2TX	8.22	16.78
802.11ac VHT80_Nss1,(MCS0)_2TX	4.88	13.44
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.55	14.10
802.11a_Nss1,(6Mbps)_2TX	6.00	14.56
802.11ac VHT20_Nss1,(MCS0)_2TX	5.52	14.08
802.11ac VHT40_Nss1,(MCS0)_2TX	5.36	13.92
802.11ac VHT80_Nss1,(MCS0)_2TX	2.67	11.23

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

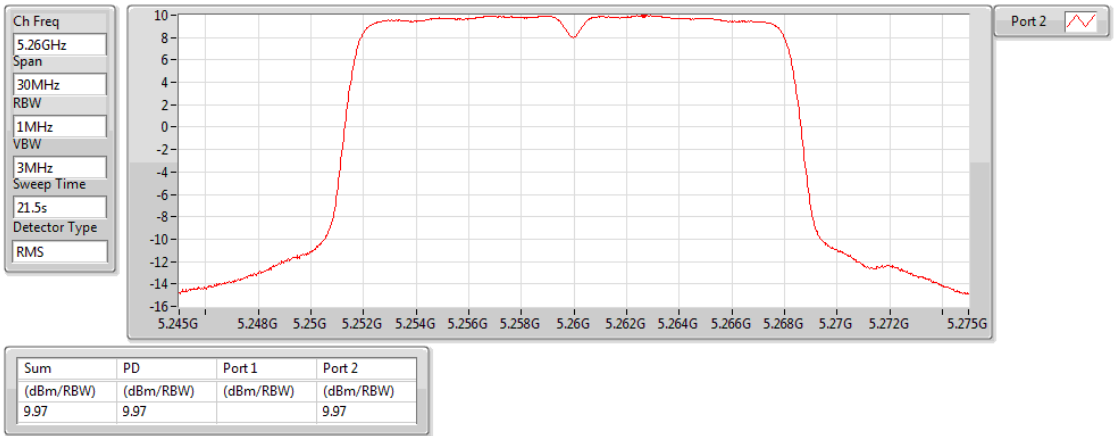
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	5.55		9.97	9.97	11.00	15.52	17.00
5300MHz_TnomVnom	Pass	5.55		10.25	10.25	11.00	15.80	17.00
5320MHz_TnomVnom	Pass	5.55		9.46	9.46	11.00	15.01	17.00
5500MHz_TnomVnom	Pass	5.55		7.82	7.82	11.00	13.37	17.00
5580MHz_TnomVnom	Pass	5.55		8.94	8.94	11.00	14.49	17.00
5700MHz_TnomVnom	Pass	5.55		7.72	7.72	11.00	13.27	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	5.55		10.25	10.25	11.00	15.80	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	5.55		8.55	8.55	30.00	14.10	36.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.56	4.77	5.85	8.32	8.44	16.88	17.00
5300MHz_TnomVnom	Pass	8.56	4.83	5.71	8.25	8.44	16.81	17.00
5320MHz_TnomVnom	Pass	8.56	4.93	5.86	8.35	8.44	16.91	17.00
5500MHz_TnomVnom	Pass	8.56	5.62	5.01	8.21	8.44	16.77	17.00
5580MHz_TnomVnom	Pass	8.56	5.33	5.25	8.15	8.44	16.71	17.00
5700MHz_TnomVnom	Pass	8.56	5.34	5.70	8.34	8.44	16.90	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	5.04	5.37	8.02	8.44	16.58	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	2.71	3.34	6.00	27.44	14.56	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.56	4.75	5.68	8.21	8.44	16.77	17.00
5300MHz_TnomVnom	Pass	8.56	4.94	5.71	8.04	8.44	16.60	17.00
5320MHz_TnomVnom	Pass	8.56	5.28	5.75	8.22	8.44	16.78	17.00
5500MHz_TnomVnom	Pass	8.56	5.63	4.92	8.16	8.44	16.72	17.00
5580MHz_TnomVnom	Pass	8.56	5.77	5.82	8.39	8.44	16.95	17.00
5700MHz_TnomVnom	Pass	8.56	5.66	5.64	8.35	8.44	16.91	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	5.45	5.69	8.17	8.44	16.73	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	0.82	3.82	5.52	27.44	14.08	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.56	4.32	5.29	7.82	8.44	16.38	17.00
5310MHz_TnomVnom	Pass	8.56	2.09	2.76	5.40	8.44	13.96	17.00
5510MHz_TnomVnom	Pass	8.56	2.39	1.52	4.96	8.44	13.52	17.00
5550MHz_TnomVnom	Pass	8.56	4.79	4.25	7.46	8.44	16.02	17.00
5670MHz_TnomVnom	Pass	8.56	4.46	4.59	7.40	8.44	15.96	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	5.29	5.46	8.22	8.44	16.78	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	2.27	2.43	5.36	27.44	13.92	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.56	-2.25	-1.21	1.24	8.44	9.80	17.00
5530MHz_TnomVnom	Pass	8.56	-2.38	-2.72	0.27	8.44	8.83	17.00
5610MHz_TnomVnom	Pass	8.56	1.61	1.67	4.36	8.44	12.92	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.56	1.93	2.26	4.88	8.44	13.44	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.56	-0.26	-0.40	2.67	27.44	11.23	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**

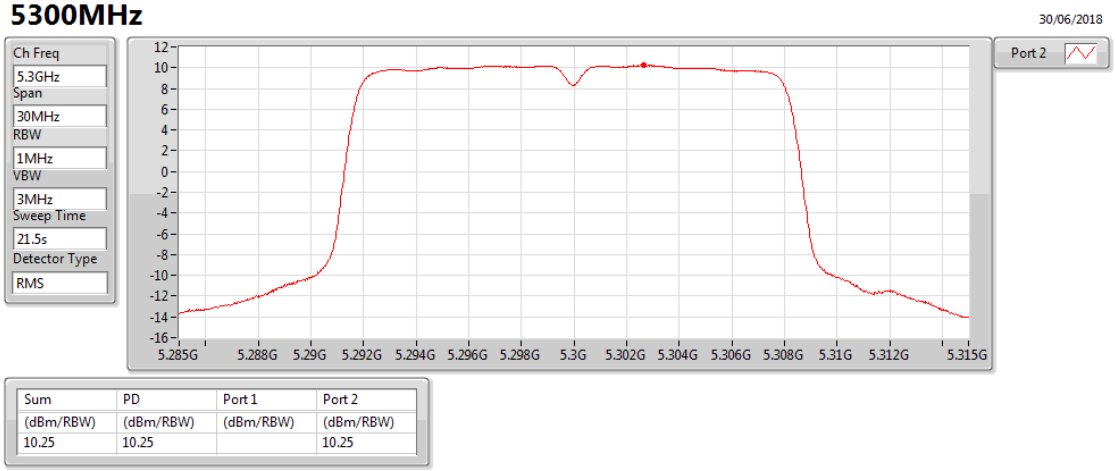
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97		9.97

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

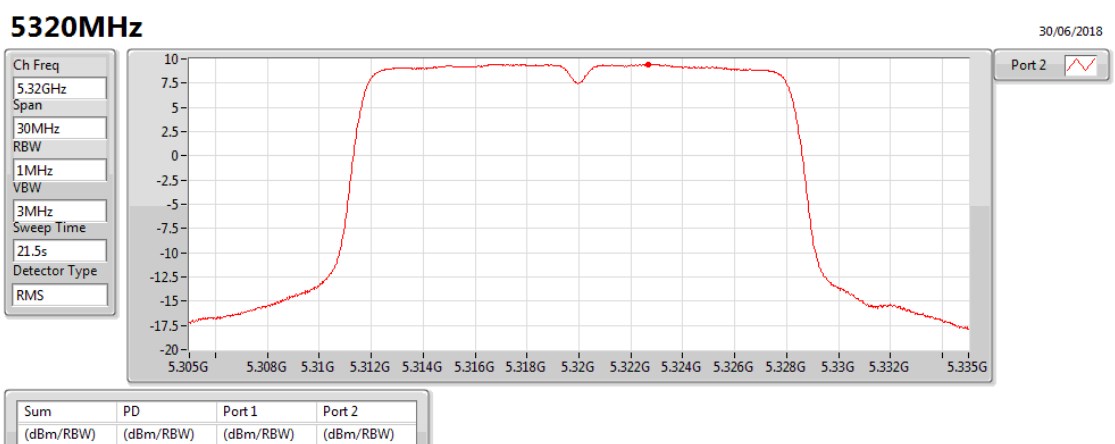
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25		10.25

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

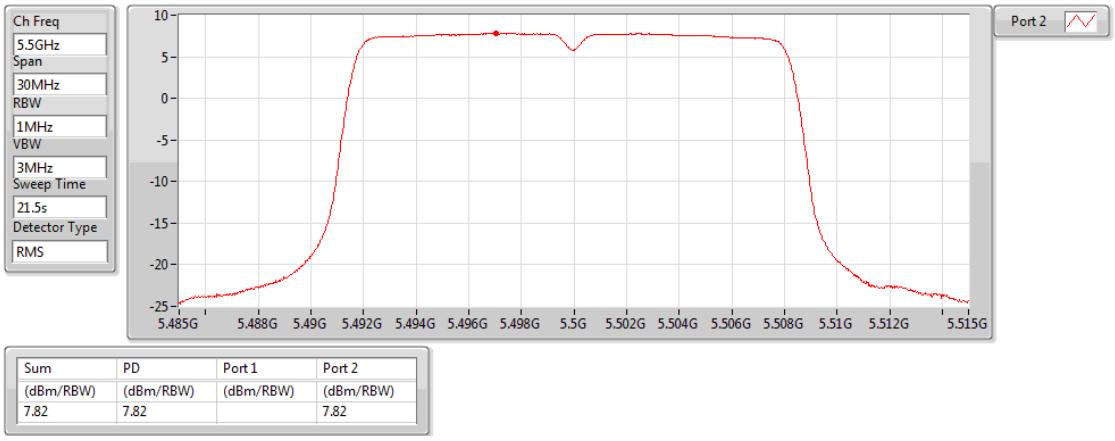
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46		9.46

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

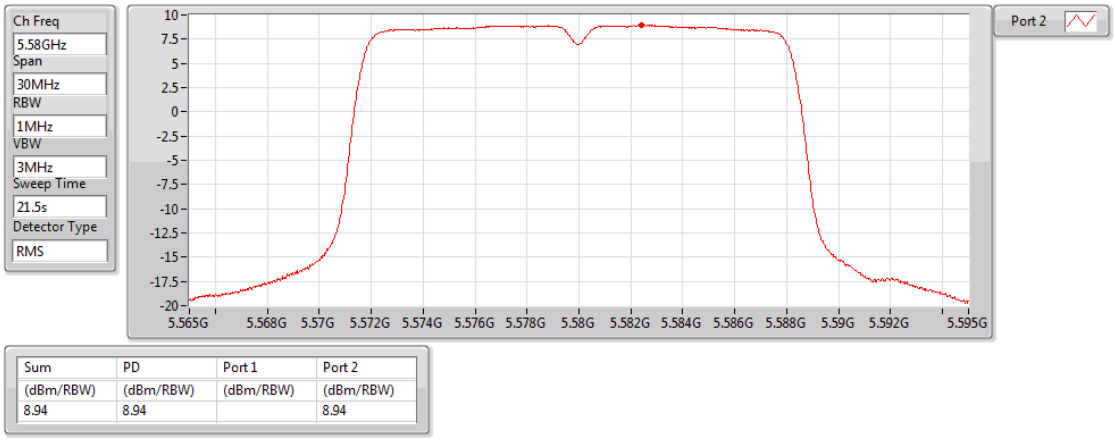
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82		7.82

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

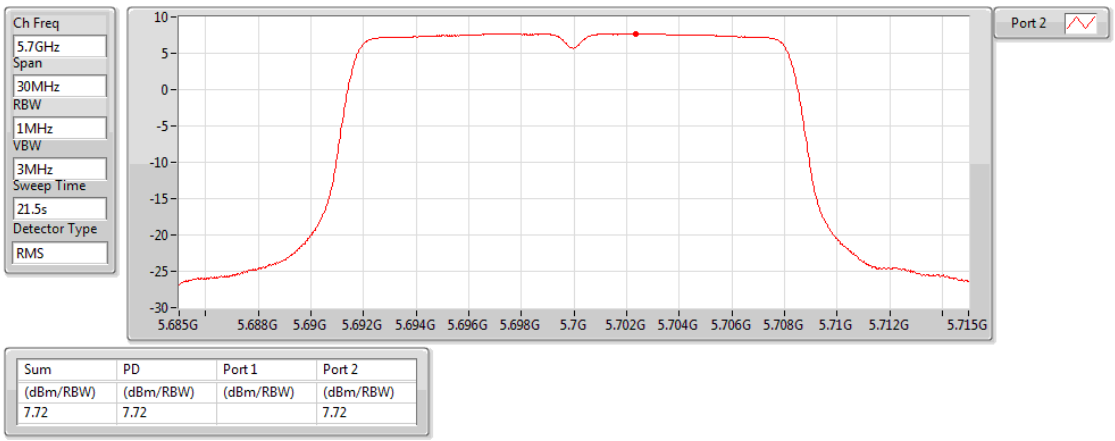
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94		8.94

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

5700MHz

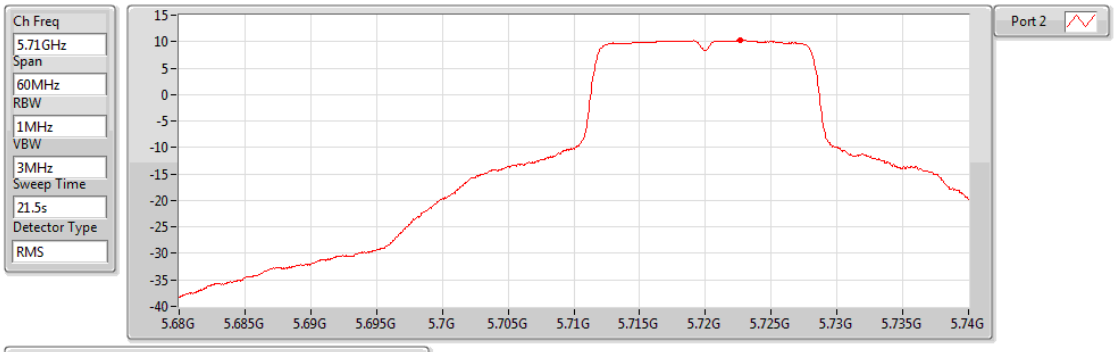


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72		7.72

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

5720MHz Straddle 5.47-5.725GHz

30/06/2018

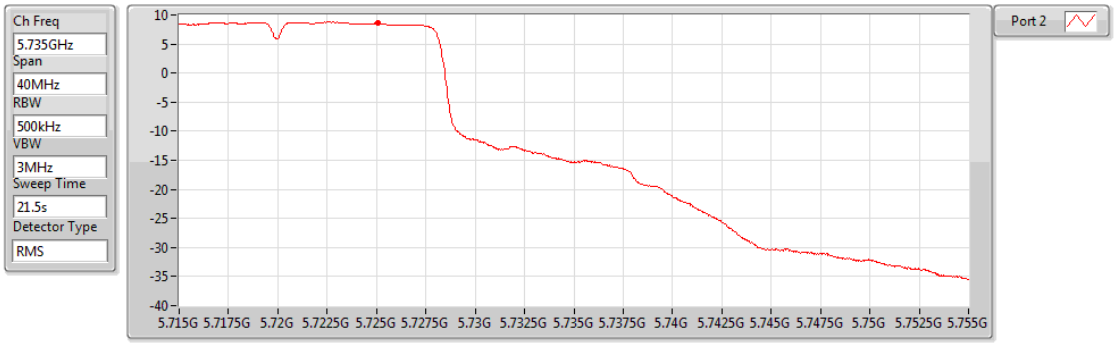


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25		10.25

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

5720MHz Straddle 5.725-5.85GHz

30/06/2018

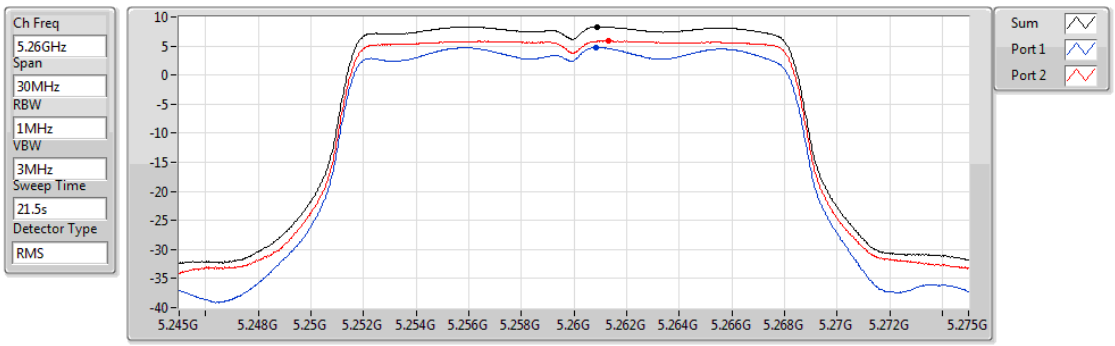


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55		8.55

802.11a_Nss1,(6Mbps)_2TX **PSD**

5260MHz

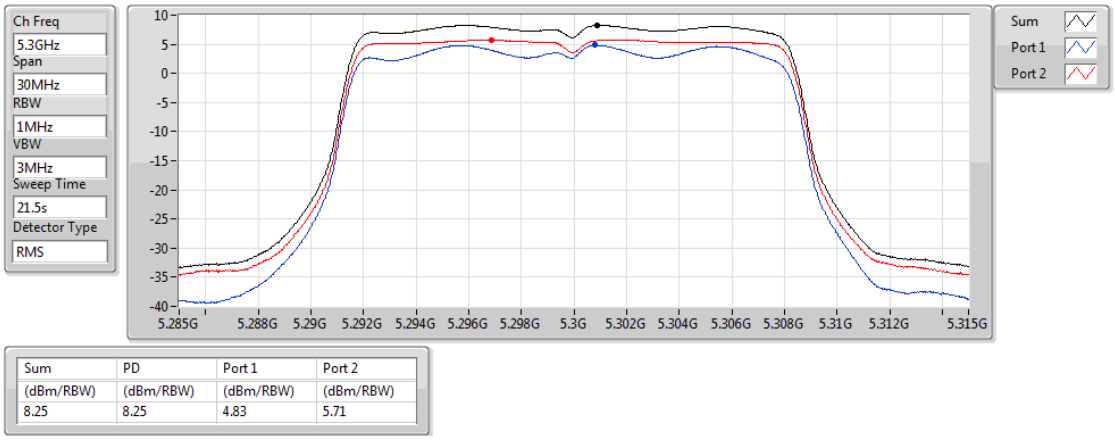
30/06/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	4.77	5.85

802.11a_Nss1,(6Mbps)_2TX **PSD**

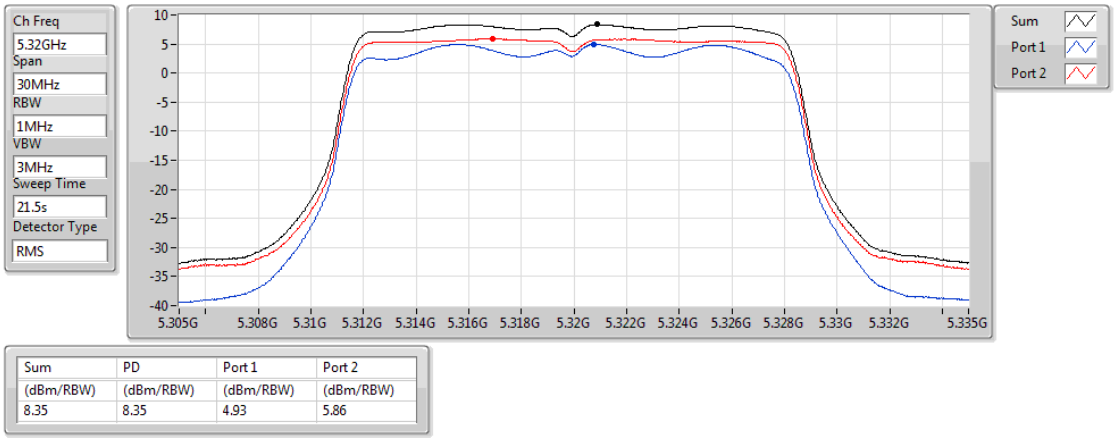
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	4.83	5.71

802.11a_Nss1,(6Mbps)_2TX **PSD**

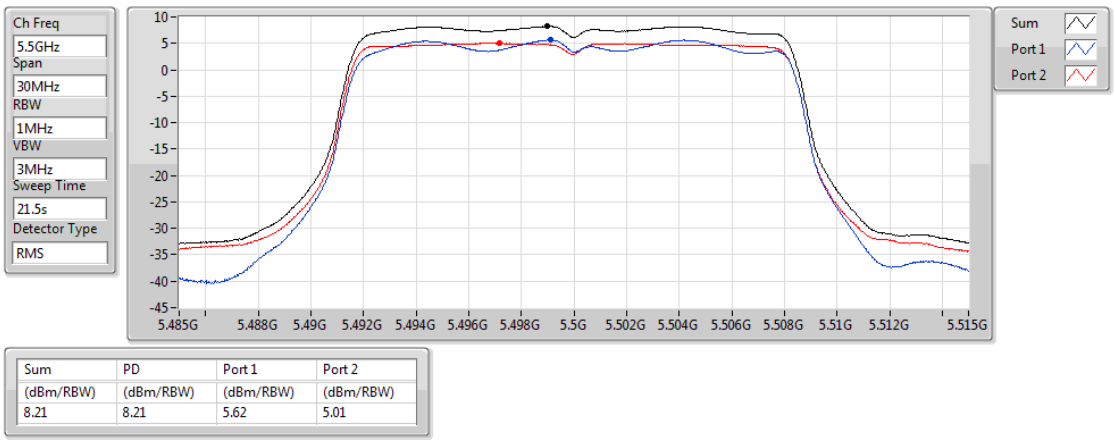
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	4.93	5.86

802.11a_Nss1,(6Mbps)_2TX **PSD**

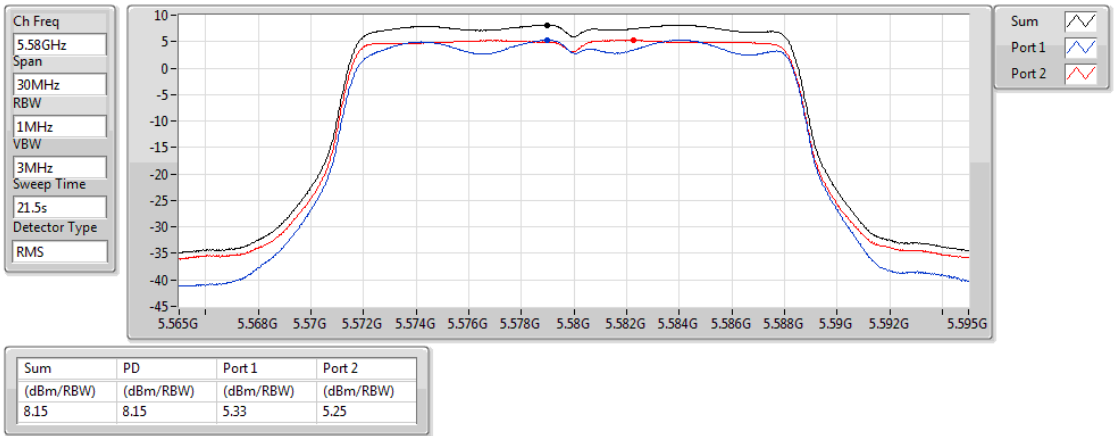
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	5.62	5.01

802.11a_Nss1,(6Mbps)_2TX **PSD**

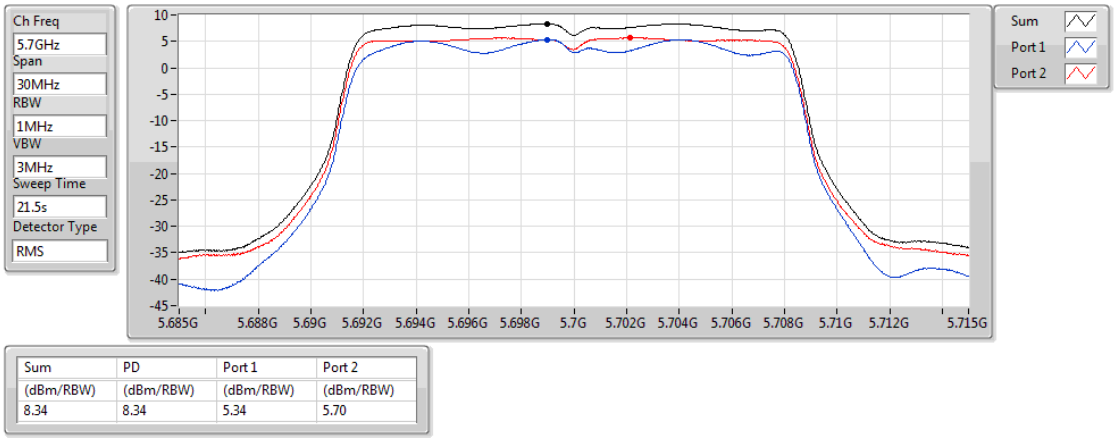
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	5.33	5.25

802.11a_Nss1,(6Mbps)_2TX **PSD**

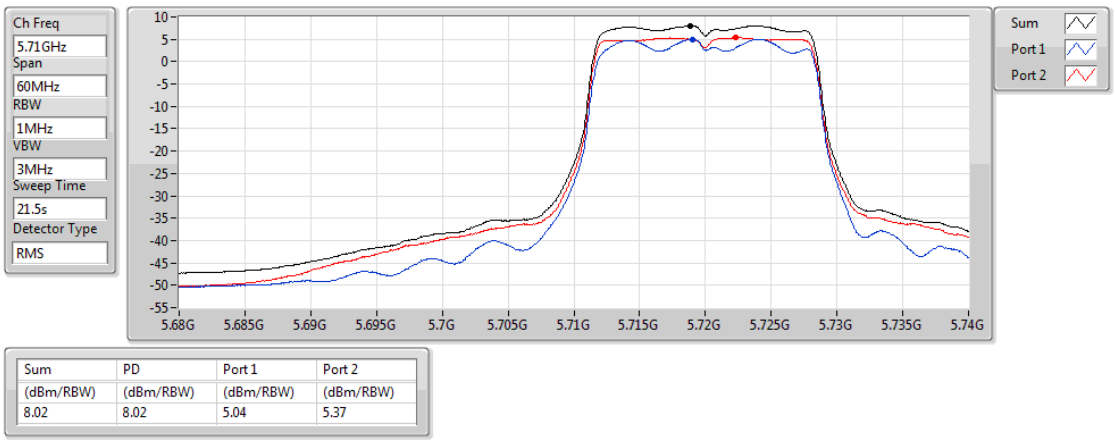
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	5.34	5.70

802.11a_Nss1,(6Mbps)_2TX **PSD**

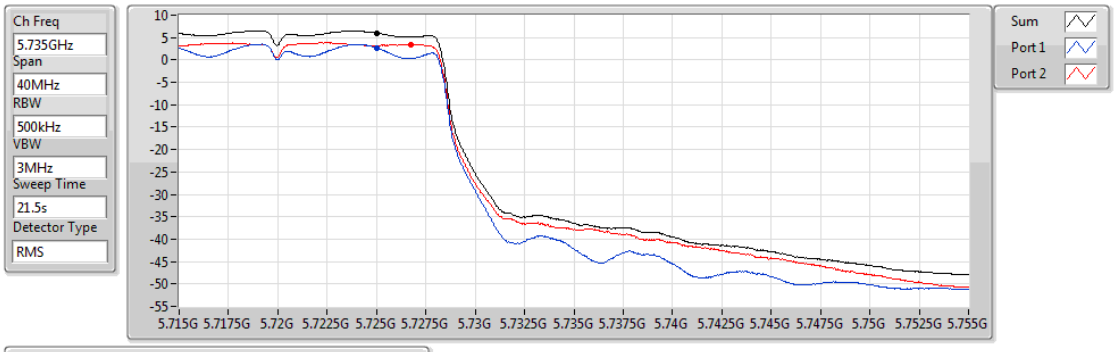
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.02	8.02	5.04	5.37

802.11a_Nss1,(6Mbps)_2TX **PSD**

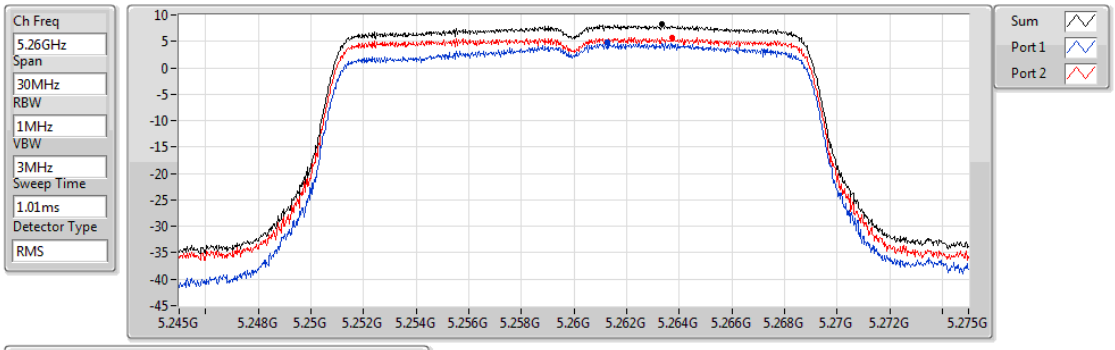
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	2.71	3.34

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

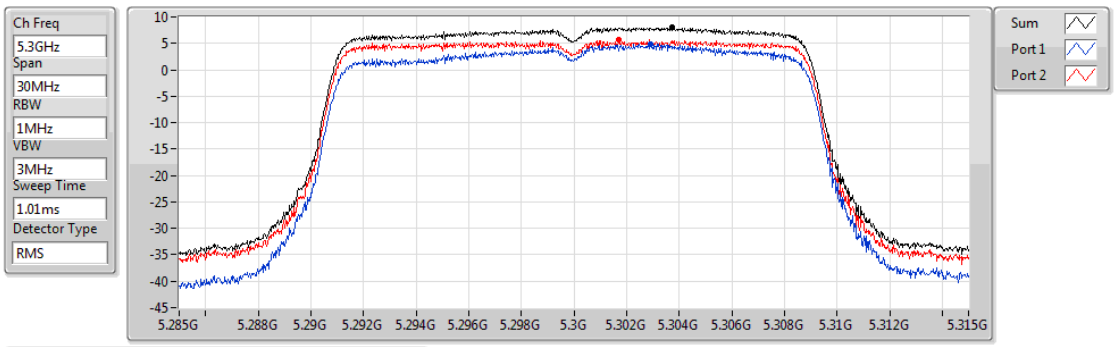
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	4.75	5.68

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

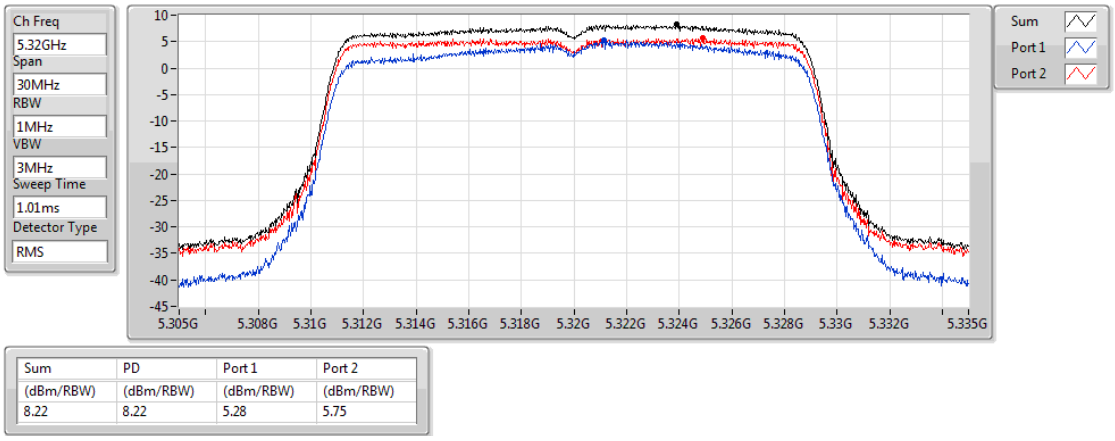
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	4.94	5.71

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

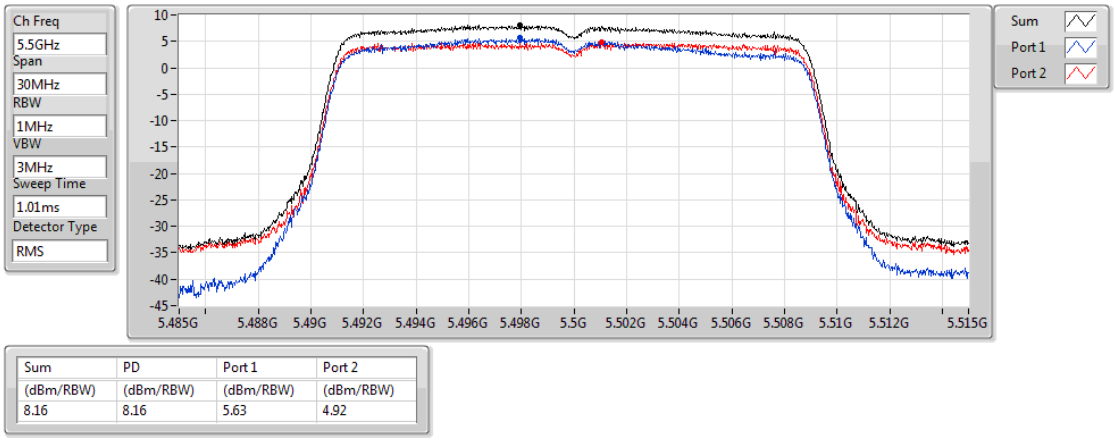
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.28	5.75

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

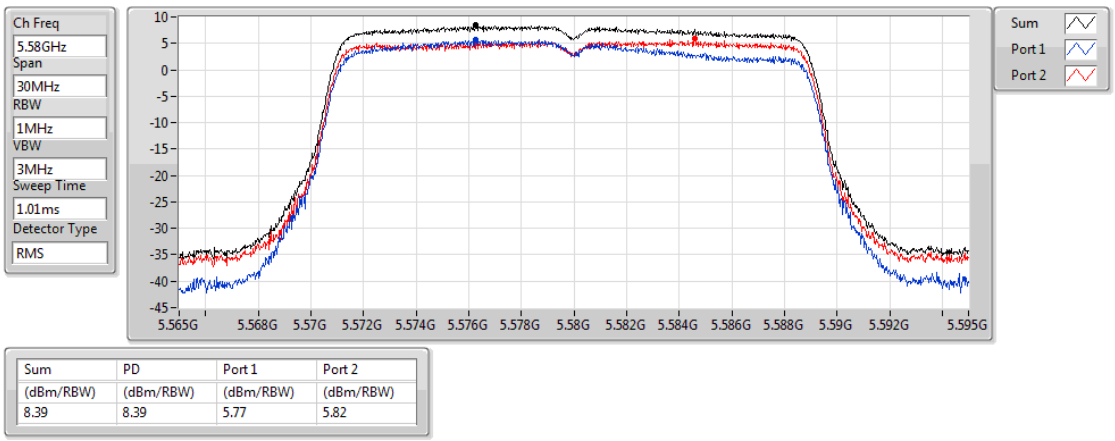
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	5.63	4.92

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

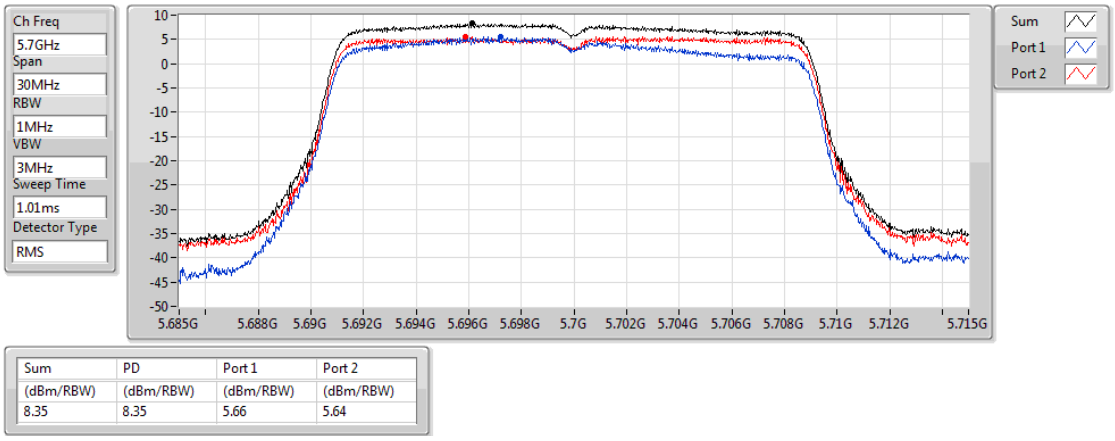
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	5.77	5.82

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

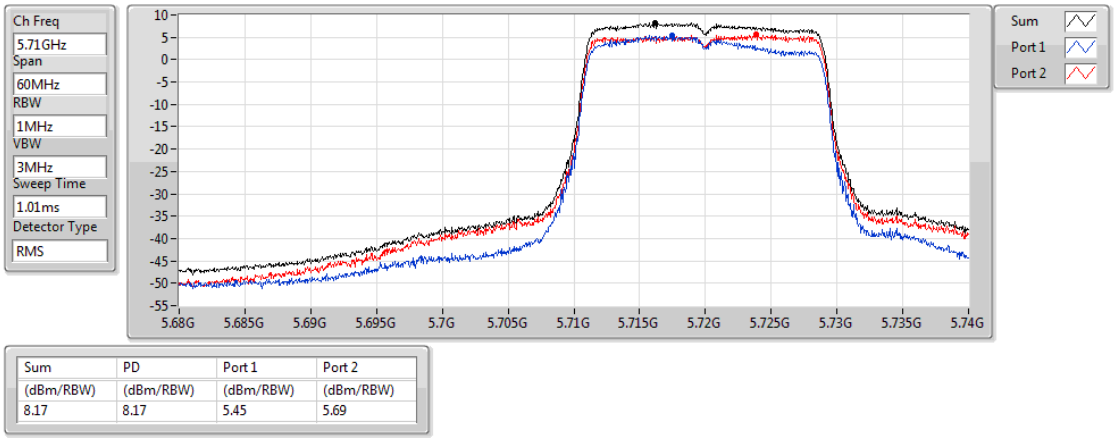
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	5.66	5.64

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

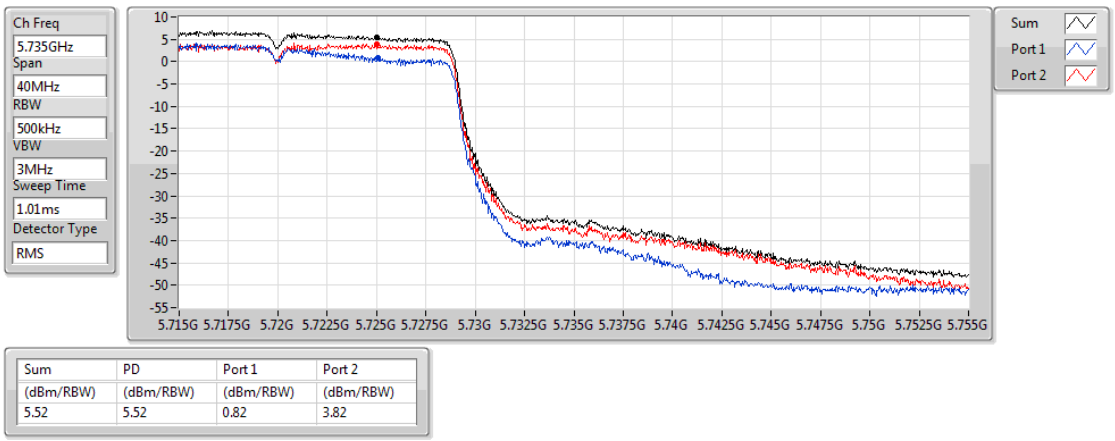
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	5.45	5.69

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

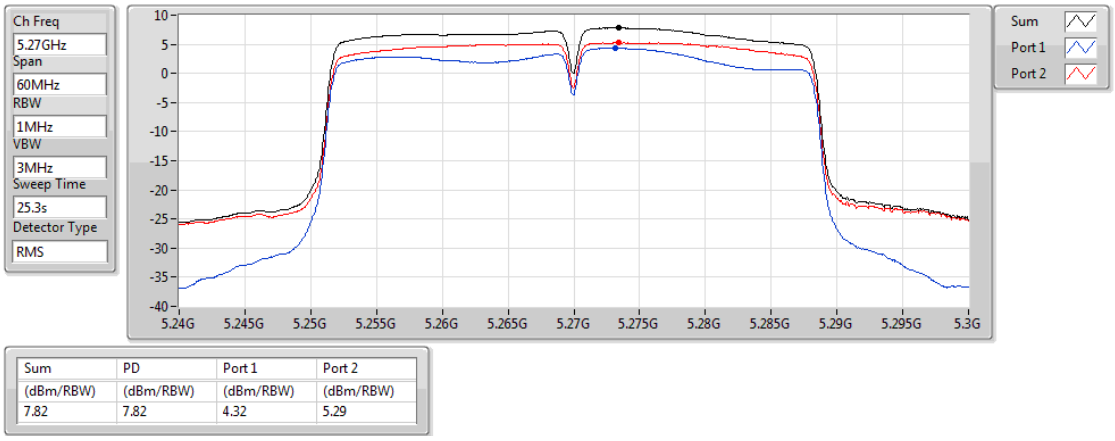
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	0.82	3.82

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

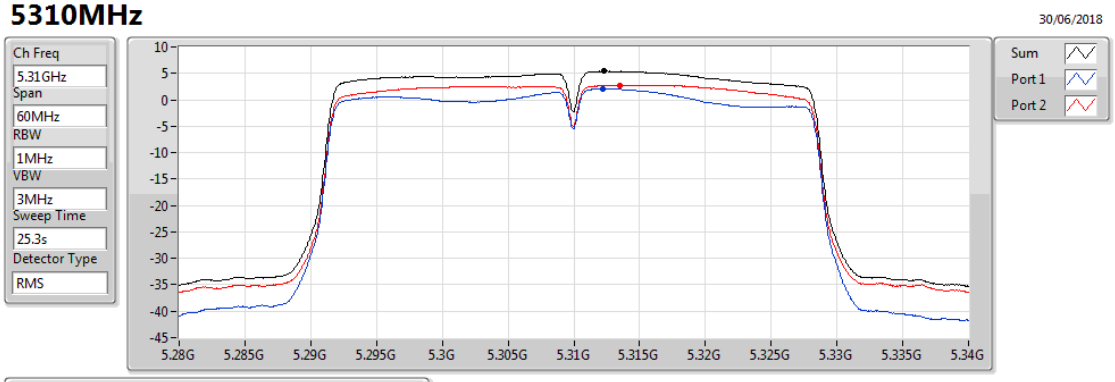
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	4.32	5.29

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

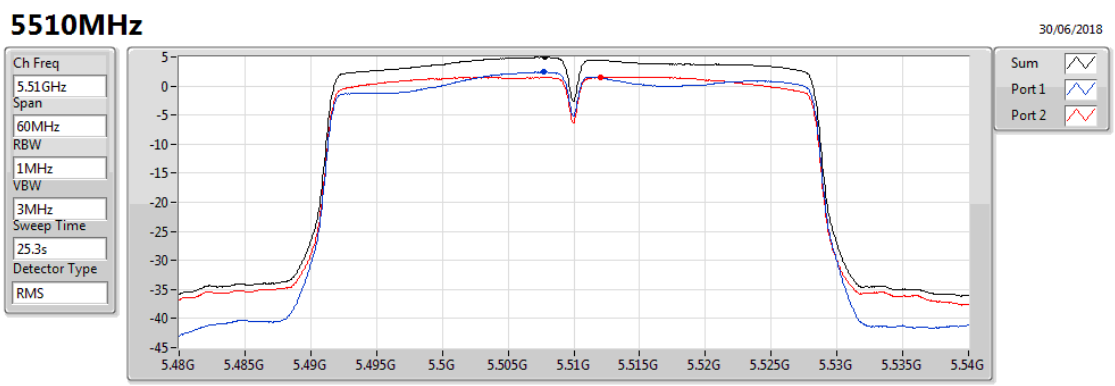
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	2.09	2.76

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

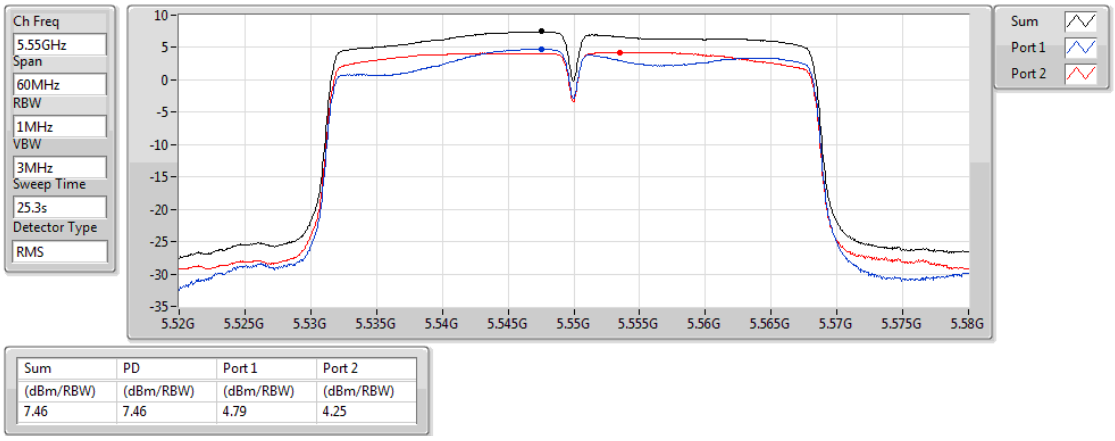
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	2.39	1.52

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

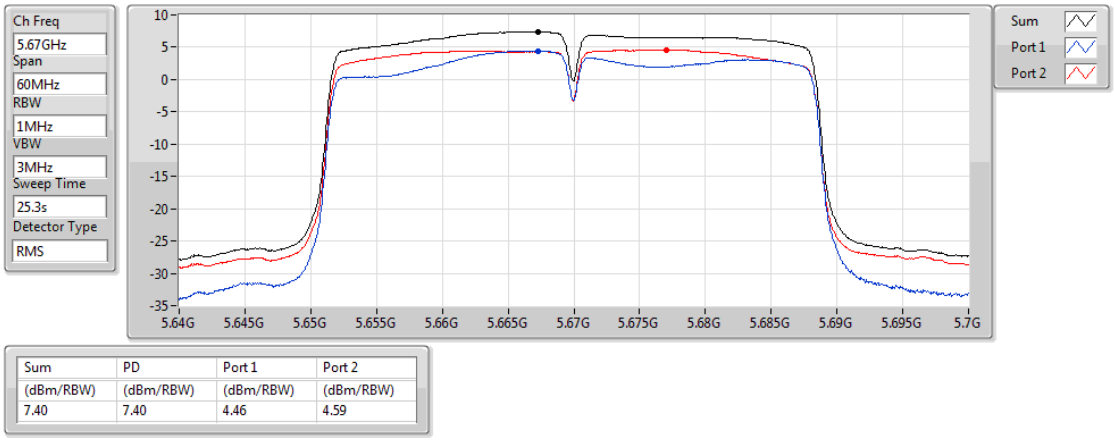
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	4.79	4.25

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

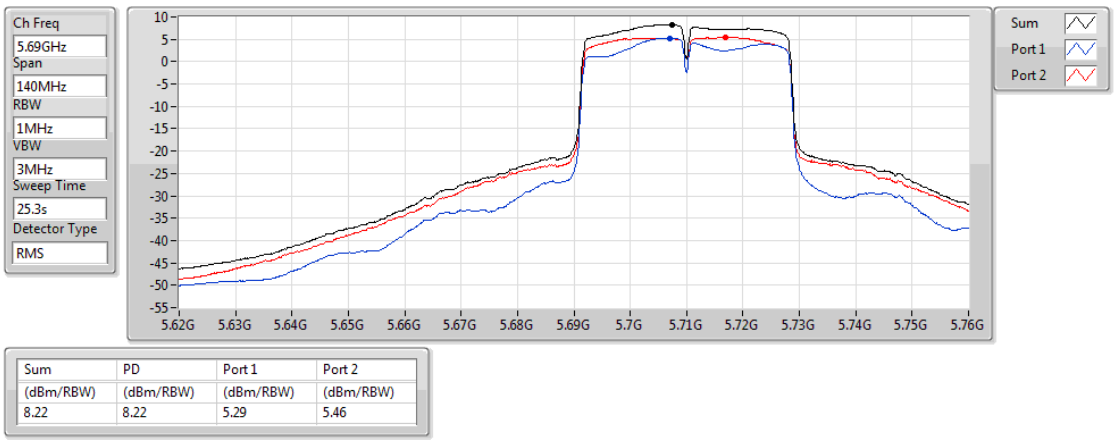
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	4.46	4.59

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

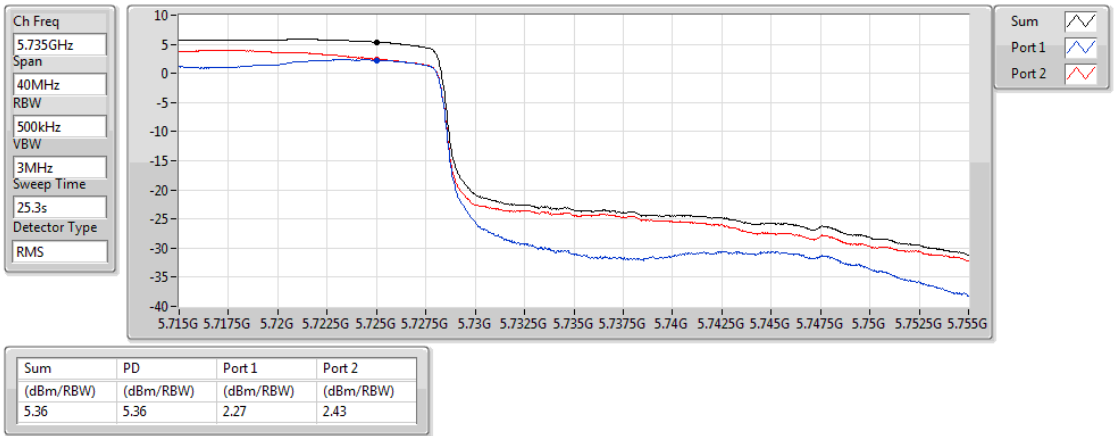
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.29	5.46

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

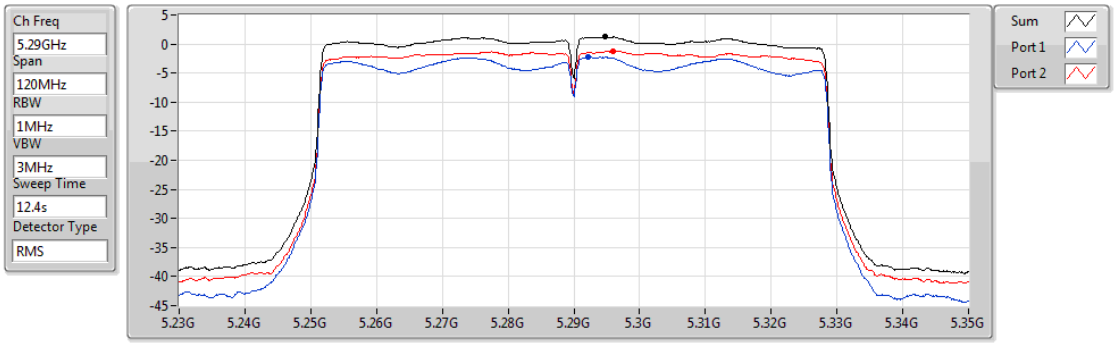
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.36	5.36	2.27	2.43

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

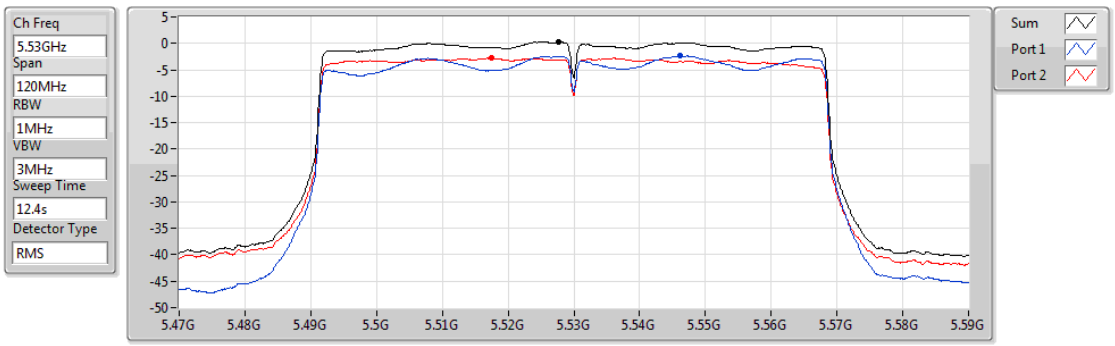
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.24	1.24	-2.25	-1.21

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

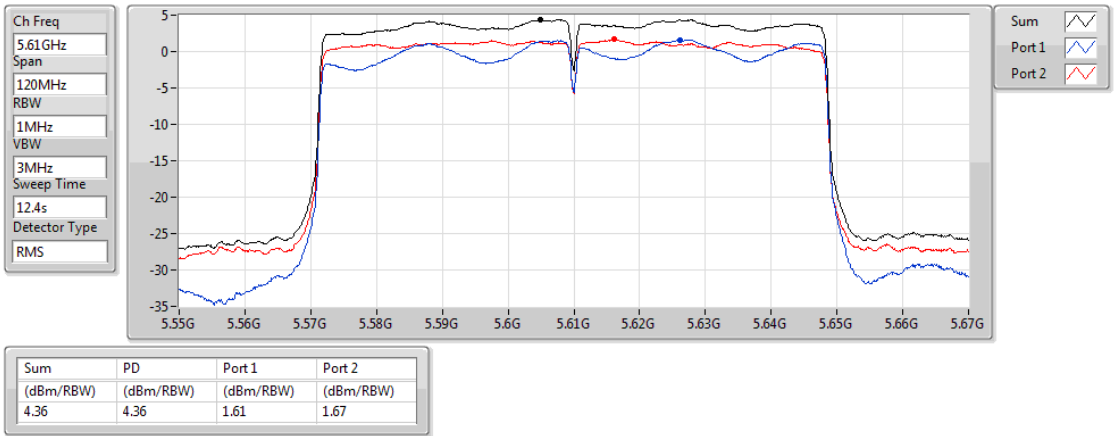
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	-2.38	-2.72

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

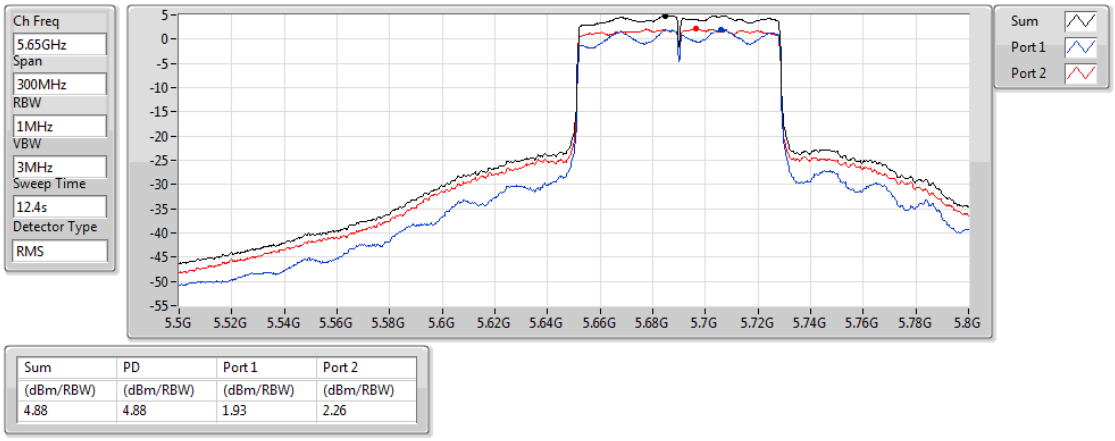
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	1.61	1.67

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

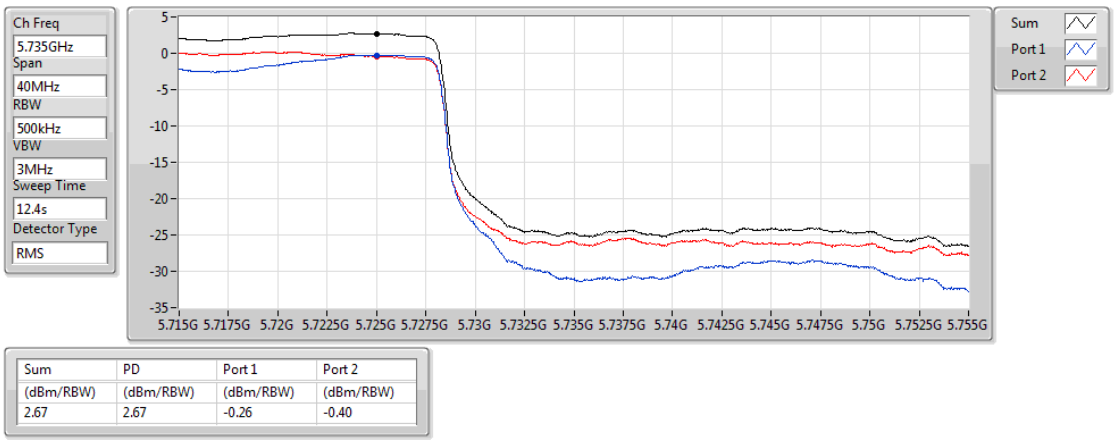
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	1.93	2.26

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-0.26	-0.40

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	5.3502G	53.90	54.00	-0.10	2.97	3	Horizontal	22	1.02	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.7776G	53.58	54.00	-0.42	12.94	3	Horizontal	112	1.84	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.84	54.00	-0.16	2.97	3	Horizontal	33	2.04	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.61	54.00	-0.39	2.97	3	Horizontal	281	2.22	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.350005G	53.70	54.00	-0.30	2.97	3	Horizontal	298	1.96	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port2)	Pass	AV	16.4978G	53.90	54.00	-0.10	13.58	3	Horizontal	118	1.71	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	16.738G	53.89	54.00	-0.11	14.40	3	Horizontal	109	1.95	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.7252G	68.07	68.20	-0.13	3.59	3	Vertical	319	1.02	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	16.641G	53.56	54.00	-0.44	14.07	3	Horizontal	215	1.61	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	17.089G	53.78	54.00	-0.22	15.91	3	Horizontal	221	1.92	-

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(Port2)	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1436G	42.19	54.00	-11.81	2.74	3	Vertical	345	1.50	-
5260MHz	Pass	AV	5.263G	95.74	Inf	-Inf	2.87	3	Vertical	345	1.50	-
5260MHz	Pass	AV	5.3644G	41.71	54.00	-12.29	2.99	3	Vertical	345	1.50	-
5260MHz	Pass	PK	5.1418G	54.54	74.00	-19.46	2.74	3	Vertical	345	1.50	-
5260MHz	Pass	PK	5.2624G	105.17	Inf	-Inf	2.87	3	Vertical	345	1.50	-
5260MHz	Pass	PK	5.4046G	53.92	74.00	-20.08	3.03	3	Vertical	345	1.50	-
5260MHz	Pass	AV	5.1484G	42.93	54.00	-11.07	2.74	3	Horizontal	33	1.01	-
5260MHz	Pass	AV	5.2636G	104.34	Inf	-Inf	2.87	3	Horizontal	33	1.01	-
5260MHz	Pass	AV	5.350005G	42.40	54.00	-11.60	2.97	3	Horizontal	33	1.01	-
5260MHz	Pass	PK	5.1316G	55.53	74.00	-18.47	2.72	3	Horizontal	33	1.01	-
5260MHz	Pass	PK	5.263G	113.54	Inf	-Inf	2.87	3	Horizontal	33	1.01	-
5260MHz	Pass	PK	5.3854G	56.48	74.00	-17.52	3.01	3	Horizontal	33	1.01	-
5260MHz	Pass	AV	15.7793G	52.88	54.00	-1.12	12.93	3	Vertical	145	2.16	-
5260MHz	Pass	PK	15.7816G	66.78	74.00	-7.22	12.92	3	Vertical	145	2.16	-
5260MHz	Pass	AV	15.7817G	53.81	54.00	-0.19	12.92	3	Horizontal	105	1.83	-
5260MHz	Pass	PK	15.7816G	68.22	74.00	-5.78	12.92	3	Horizontal	105	1.83	-
5300MHz	Pass	AV	5.3032G	93.94	Inf	-Inf	2.91	3	Vertical	352	1.81	-
5300MHz	Pass	AV	5.3508G	42.49	54.00	-11.51	2.97	3	Vertical	352	1.81	-
5300MHz	Pass	PK	5.2964G	103.35	Inf	-Inf	2.91	3	Vertical	352	1.81	-
5300MHz	Pass	PK	5.3544G	56.01	74.00	-17.99	2.97	3	Vertical	352	1.81	-
5300MHz	Pass	AV	5.3032G	103.46	Inf	-Inf	2.91	3	Horizontal	37	2.57	-
5300MHz	Pass	AV	5.350005G	47.57	54.00	-6.43	2.97	3	Horizontal	37	2.57	-
5300MHz	Pass	PK	5.3032G	112.72	Inf	-Inf	2.91	3	Horizontal	37	2.57	-
5300MHz	Pass	PK	5.3524G	62.41	74.00	-11.59	2.97	3	Horizontal	37	2.57	-
5300MHz	Pass	AV	15.899G	50.13	54.00	-3.87	12.35	3	Vertical	171	1.07	-
5300MHz	Pass	PK	15.9061G	64.08	74.00	-9.92	12.32	3	Vertical	171	1.07	-
5300MHz	Pass	AV	15.8976G	53.89	54.00	-0.11	12.36	3	Horizontal	107	1.71	-
5300MHz	Pass	PK	15.9014G	67.74	74.00	-6.26	12.34	3	Horizontal	107	1.71	-
5320MHz	Pass	AV	5.3232G	92.35	Inf	-Inf	2.94	3	Vertical	353	1.33	-
5320MHz	Pass	AV	5.350005G	47.65	54.00	-6.35	2.97	3	Vertical	353	1.33	-
5320MHz	Pass	PK	5.3172G	102.06	Inf	-Inf	2.93	3	Vertical	353	1.33	-
5320MHz	Pass	PK	5.3528G	62.87	74.00	-11.13	2.97	3	Vertical	353	1.33	-
5320MHz	Pass	AV	5.3218G	99.98	Inf	-Inf	2.94	3	Horizontal	22	1.02	-
5320MHz	Pass	AV	5.3502G	53.90	54.00	-0.10	2.97	3	Horizontal	22	1.02	-
5320MHz	Pass	PK	5.3162G	109.76	Inf	-Inf	2.93	3	Horizontal	22	1.02	-
5320MHz	Pass	PK	5.3528G	69.82	74.00	-4.18	2.97	3	Horizontal	22	1.02	-
5320MHz	Pass	AV	15.9577G	45.93	54.00	-8.07	12.07	3	Vertical	168	1.81	-
5320MHz	Pass	PK	15.9565G	61.03	74.00	-12.97	12.08	3	Vertical	168	1.81	-
5320MHz	Pass	AV	15.9596G	48.24	54.00	-5.76	12.06	3	Horizontal	108	1.75	-
5320MHz	Pass	PK	15.9661G	63.51	74.00	-10.49	12.03	3	Horizontal	108	1.75	-
5500MHz	Pass	AV	5.459995G	42.60	54.00	-11.40	3.10	3	Vertical	349	1.02	-
5500MHz	Pass	AV	5.5026G	94.32	Inf	-Inf	3.15	3	Vertical	349	1.02	-
5500MHz	Pass	PK	5.4594G	55.18	74.00	-18.82	3.10	3	Vertical	349	1.02	-
5500MHz	Pass	PK	5.4684G	62.17	68.20	-6.03	3.11	3	Vertical	349	1.02	-
5500MHz	Pass	PK	5.5026G	104.02	Inf	-Inf	3.15	3	Vertical	349	1.02	-
5500MHz	Pass	AV	5.4598G	45.61	54.00	-8.39	3.10	3	Horizontal	19	2.54	-
5500MHz	Pass	AV	5.5032G	100.19	Inf	-Inf	3.15	3	Horizontal	19	2.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.459995G	59.57	74.00	-14.43	3.10	3	Horizontal	19	2.54	-
5500MHz	Pass	PK	5.4698G	67.64	68.20	-0.56	3.11	3	Horizontal	19	2.54	-
5500MHz	Pass	PK	5.4964G	109.64	Inf	-Inf	3.14	3	Horizontal	19	2.54	-
5500MHz	Pass	AV	16.5005G	46.85	54.00	-7.15	13.59	3	Vertical	166	1.03	-
5500MHz	Pass	PK	16.5063G	62.09	74.00	-11.91	13.61	3	Vertical	166	1.03	-
5500MHz	Pass	AV	16.4978G	53.90	54.00	-0.10	13.58	3	Horizontal	118	1.71	-
5500MHz	Pass	PK	16.4967G	69.98	74.00	-4.02	13.57	3	Horizontal	118	1.71	-
5580MHz	Pass	AV	5.4402G	41.84	54.00	-12.16	3.07	3	Vertical	351	1.00	-
5580MHz	Pass	AV	5.577G	93.34	Inf	-Inf	3.29	3	Vertical	351	1.00	-
5580MHz	Pass	PK	5.4366G	54.07	74.00	-19.93	3.07	3	Vertical	351	1.00	-
5580MHz	Pass	PK	5.466G	54.16	68.20	-14.04	3.11	3	Vertical	351	1.00	-
5580MHz	Pass	PK	5.5782G	103.45	Inf	-Inf	3.30	3	Vertical	351	1.00	-
5580MHz	Pass	PK	5.7276G	54.70	68.20	-13.50	3.59	3	Vertical	351	1.00	-
5580MHz	Pass	AV	5.4402G	42.87	54.00	-11.13	3.07	3	Horizontal	15	1.03	-
5580MHz	Pass	AV	5.583G	99.77	Inf	-Inf	3.31	3	Horizontal	15	1.03	-
5580MHz	Pass	PK	5.4474G	54.47	74.00	-19.53	3.08	3	Horizontal	15	1.03	-
5580MHz	Pass	PK	5.4654G	54.31	68.20	-13.89	3.11	3	Horizontal	15	1.03	-
5580MHz	Pass	PK	5.5824G	109.42	Inf	-Inf	3.30	3	Horizontal	15	1.03	-
5580MHz	Pass	PK	5.7288G	54.70	68.20	-13.50	3.59	3	Horizontal	15	1.03	-
5580MHz	Pass	AV	16.7396G	47.59	54.00	-6.41	14.41	3	Vertical	163	1.36	-
5580MHz	Pass	PK	16.7373G	57.70	74.00	-16.30	14.40	3	Vertical	163	1.36	-
5580MHz	Pass	AV	16.7384G	53.47	54.00	-0.53	14.40	3	Horizontal	119	1.66	-
5580MHz	Pass	PK	16.7461G	67.29	74.00	-6.71	14.43	3	Horizontal	119	1.66	-
5700MHz	Pass	AV	5.7028G	91.44	Inf	-Inf	3.55	3	Vertical	343	1.82	-
5700MHz	Pass	PK	5.6964G	101.34	Inf	-Inf	3.53	3	Vertical	343	1.82	-
5700MHz	Pass	PK	5.726G	64.14	68.20	-4.06	3.59	3	Vertical	343	1.82	-
5700MHz	Pass	AV	5.6968G	96.92	Inf	-Inf	3.53	3	Horizontal	359	1.02	-
5700MHz	Pass	PK	5.6948G	106.93	Inf	-Inf	3.53	3	Horizontal	359	1.02	-
5700MHz	Pass	PK	5.726G	67.93	68.20	-0.27	3.59	3	Horizontal	359	1.02	-
5700MHz	Pass	AV	17.0994G	47.17	54.00	-6.83	15.98	3	Vertical	334	1.86	-
5700MHz	Pass	PK	17.1015G	60.92	74.00	-13.08	15.99	3	Vertical	334	1.86	-
5700MHz	Pass	AV	17.0991G	48.59	54.00	-5.41	15.97	3	Horizontal	105	1.68	-
5700MHz	Pass	PK	17.0952G	63.73	74.00	-10.27	15.95	3	Horizontal	105	1.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	41.85	54.00	-12.15	3.09	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	94.65	Inf	-Inf	3.57	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4464G	54.02	74.00	-19.98	3.08	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.460005G	53.16	68.20	-15.04	3.10	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	104.22	Inf	-Inf	3.57	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9384G	55.53	68.20	-12.67	4.01	3	Vertical	338	1.91	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.45G	41.95	54.00	-12.05	3.08	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	99.99	Inf	-Inf	3.58	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.438G	53.41	74.00	-20.59	3.07	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	54.32	68.20	-13.88	3.11	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	109.60	Inf	-Inf	3.58	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9636G	55.67	68.20	-12.53	4.05	3	Horizontal	46	1.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1595G	50.87	54.00	-3.13	16.39	3	Vertical	329	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1542G	65.50	74.00	-8.50	16.35	3	Vertical	329	1.73	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1575G	53.90	54.00	-0.10	16.37	3	Horizontal	103	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1615G	68.14	74.00	-5.86	16.40	3	Horizontal	103	1.70	-

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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1364G	43.61	54.00	-10.39	2.73	3	Vertical	343	2.05	-
5260MHz	Pass	AV	5.2612G	104.13	Inf	-Inf	2.87	3	Vertical	343	2.05	-
5260MHz	Pass	AV	5.3614G	42.45	54.00	-11.55	2.98	3	Vertical	343	2.05	-
5260MHz	Pass	PK	5.149G	55.24	74.00	-18.76	2.74	3	Vertical	343	2.05	-
5260MHz	Pass	PK	5.2654G	113.54	Inf	-Inf	2.87	3	Vertical	343	2.05	-
5260MHz	Pass	PK	5.3614G	54.26	74.00	-19.74	2.98	3	Vertical	343	2.05	-
5260MHz	Pass	AV	5.1202G	43.39	54.00	-10.61	2.70	3	Horizontal	41	2.09	-
5260MHz	Pass	AV	5.2612G	105.66	Inf	-Inf	2.87	3	Horizontal	41	2.09	-
5260MHz	Pass	AV	5.3524G	42.38	54.00	-11.62	2.97	3	Horizontal	41	2.09	-
5260MHz	Pass	PK	5.1418G	55.13	74.00	-18.87	2.74	3	Horizontal	41	2.09	-
5260MHz	Pass	PK	5.2654G	115.43	Inf	-Inf	2.87	3	Horizontal	41	2.09	-
5260MHz	Pass	PK	5.3884G	54.28	74.00	-19.72	3.01	3	Horizontal	41	2.09	-
5260MHz	Pass	AV	15.7778G	49.33	54.00	-4.67	12.94	3	Vertical	136	2.17	-
5260MHz	Pass	PK	15.7818G	63.76	74.00	-10.24	12.92	3	Vertical	136	2.17	-
5260MHz	Pass	AV	15.7776G	53.58	54.00	-0.42	12.94	3	Horizontal	112	1.84	-
5260MHz	Pass	PK	15.7826G	69.10	74.00	-4.90	12.91	3	Horizontal	112	1.84	-
5300MHz	Pass	AV	5.3052G	103.85	Inf	-Inf	2.92	3	Vertical	341	1.81	-
5300MHz	Pass	AV	5.3504G	45.21	54.00	-8.79	2.97	3	Vertical	341	1.81	-
5300MHz	Pass	PK	5.3056G	113.49	Inf	-Inf	2.92	3	Vertical	341	1.81	-
5300MHz	Pass	PK	5.3544G	58.20	74.00	-15.80	2.97	3	Vertical	341	1.81	-
5300MHz	Pass	AV	5.296G	104.16	Inf	-Inf	2.91	3	Horizontal	39	2.09	-
5300MHz	Pass	AV	5.350005G	44.50	54.00	-9.50	2.97	3	Horizontal	39	2.09	-
5300MHz	Pass	PK	5.3056G	114.72	Inf	-Inf	2.92	3	Horizontal	39	2.09	-
5300MHz	Pass	PK	5.350005G	58.23	74.00	-15.77	2.97	3	Horizontal	39	2.09	-
5300MHz	Pass	AV	15.8992G	48.29	54.00	-5.71	12.35	3	Vertical	159	1.28	-
5300MHz	Pass	PK	15.8944G	61.86	74.00	-12.14	12.38	3	Vertical	159	1.28	-
5300MHz	Pass	AV	15.8984G	53.08	54.00	-0.92	12.36	3	Horizontal	109	1.94	-
5300MHz	Pass	PK	15.8986G	67.32	74.00	-6.68	12.36	3	Horizontal	109	1.94	-
5320MHz	Pass	AV	5.3154G	102.04	Inf	-Inf	2.93	3	Vertical	342	1.91	-
5320MHz	Pass	AV	5.350005G	53.19	54.00	-0.81	2.97	3	Vertical	342	1.91	-
5320MHz	Pass	PK	5.3252G	112.41	Inf	-Inf	2.94	3	Vertical	342	1.91	-
5320MHz	Pass	PK	5.3504G	70.50	74.00	-3.50	2.97	3	Vertical	342	1.91	-
5320MHz	Pass	AV	5.316G	102.62	Inf	-Inf	2.93	3	Horizontal	254	1.23	-
5320MHz	Pass	AV	5.350005G	52.91	54.00	-1.09	2.97	3	Horizontal	254	1.23	-
5320MHz	Pass	PK	5.3256G	112.90	Inf	-Inf	2.94	3	Horizontal	254	1.23	-
5320MHz	Pass	PK	5.3502G	69.89	74.00	-4.11	2.97	3	Horizontal	254	1.23	-
5320MHz	Pass	AV	15.96232G	46.81	54.00	-7.19	12.05	3	Vertical	210	1.52	-
5320MHz	Pass	PK	15.963G	59.36	74.00	-14.64	12.05	3	Vertical	210	1.52	-
5320MHz	Pass	AV	15.96444G	44.79	54.00	-9.21	12.04	3	Horizontal	243	1.56	-
5320MHz	Pass	PK	15.9631G	57.40	74.00	-16.60	12.05	3	Horizontal	243	1.56	-
5500MHz	Pass	AV	5.459995G	43.73	54.00	-10.27	3.10	3	Vertical	338	1.91	-
5500MHz	Pass	AV	5.5044G	100.13	Inf	-Inf	3.15	3	Vertical	338	1.91	-
5500MHz	Pass	PK	5.459995G	55.56	74.00	-18.44	3.10	3	Vertical	338	1.91	-
5500MHz	Pass	PK	5.4698G	67.73	68.20	-0.47	3.11	3	Vertical	338	1.91	-
5500MHz	Pass	PK	5.5056G	109.62	Inf	-Inf	3.15	3	Vertical	338	1.91	-
5500MHz	Pass	AV	5.4592G	43.16	54.00	-10.84	3.10	3	Horizontal	52	1.97	-
5500MHz	Pass	AV	5.4994G	100.04	Inf	-Inf	3.14	3	Horizontal	52	1.97	-
5500MHz	Pass	PK	5.4598G	56.47	74.00	-17.53	3.10	3	Horizontal	52	1.97	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.4698G	67.81	68.20	-0.39	3.11	3	Horizontal	52	1.97	-
5500MHz	Pass	PK	5.4994G	110.17	Inf	-Inf	3.14	3	Horizontal	52	1.97	-
5500MHz	Pass	AV	16.50098G	48.22	54.00	-5.78	13.59	3	Vertical	130	2.44	-
5500MHz	Pass	PK	16.5003G	61.70	74.00	-12.30	13.59	3	Vertical	130	2.44	-
5500MHz	Pass	AV	16.49878G	46.36	54.00	-7.64	13.58	3	Horizontal	312	2.29	-
5500MHz	Pass	PK	16.49894G	59.15	74.00	-14.85	13.58	3	Horizontal	312	2.29	-
5580MHz	Pass	AV	5.448G	42.40	54.00	-11.60	3.08	3	Vertical	332	1.88	-
5580MHz	Pass	AV	5.5746G	101.15	Inf	-Inf	3.29	3	Vertical	332	1.88	-
5580MHz	Pass	PK	5.4588G	54.58	74.00	-19.42	3.10	3	Vertical	332	1.88	-
5580MHz	Pass	PK	5.466G	53.89	68.20	-14.31	3.11	3	Vertical	332	1.88	-
5580MHz	Pass	PK	5.5854G	111.35	Inf	-Inf	3.31	3	Vertical	332	1.88	-
5580MHz	Pass	PK	5.7264G	54.37	68.20	-13.83	3.59	3	Vertical	332	1.88	-
5580MHz	Pass	AV	5.448G	42.14	54.00	-11.86	3.08	3	Horizontal	48	1.02	-
5580MHz	Pass	AV	5.5836G	101.93	Inf	-Inf	3.31	3	Horizontal	48	1.02	-
5580MHz	Pass	PK	5.4516G	54.64	74.00	-19.36	3.09	3	Horizontal	48	1.02	-
5580MHz	Pass	PK	5.4648G	53.53	68.20	-14.67	3.11	3	Horizontal	48	1.02	-
5580MHz	Pass	PK	5.5788G	111.47	Inf	-Inf	3.30	3	Horizontal	48	1.02	-
5580MHz	Pass	PK	5.727G	55.07	68.20	-13.13	3.59	3	Horizontal	48	1.02	-
5580MHz	Pass	AV	16.7408G	50.22	54.00	-3.78	14.41	3	Vertical	180	1.93	-
5580MHz	Pass	PK	16.7462G	65.91	74.00	-8.09	14.43	3	Vertical	180	1.93	-
5580MHz	Pass	AV	16.738G	53.89	54.00	-0.11	14.40	3	Horizontal	109	1.95	-
5580MHz	Pass	PK	16.7369G	68.31	74.00	-5.69	14.40	3	Horizontal	109	1.95	-
5700MHz	Pass	AV	5.6948G	99.31	Inf	-Inf	3.53	3	Vertical	347	2.18	-
5700MHz	Pass	PK	5.7048G	108.93	Inf	-Inf	3.55	3	Vertical	347	2.18	-
5700MHz	Pass	PK	5.7256G	68.01	68.20	-0.19	3.59	3	Vertical	347	2.18	-
5700MHz	Pass	AV	5.6992G	101.18	Inf	-Inf	3.54	3	Horizontal	55	1.82	-
5700MHz	Pass	PK	5.6992G	110.51	Inf	-Inf	3.54	3	Horizontal	55	1.82	-
5700MHz	Pass	PK	5.7256G	67.65	68.20	-0.55	3.59	3	Horizontal	55	1.82	-
5700MHz	Pass	AV	17.0973G	49.56	54.00	-4.44	15.96	3	Vertical	180	1.85	-
5700MHz	Pass	PK	17.0911G	63.74	74.00	-10.26	15.92	3	Vertical	180	1.85	-
5700MHz	Pass	AV	17.0996G	47.77	54.00	-6.23	15.98	3	Horizontal	79	1.01	-
5700MHz	Pass	PK	17.0965G	61.09	74.00	-12.91	15.96	3	Horizontal	79	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	42.72	54.00	-11.28	3.06	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	102.14	Inf	-Inf	3.59	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4488G	54.54	74.00	-19.46	3.08	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	54.10	68.20	-14.10	3.11	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7248G	111.08	Inf	-Inf	3.59	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8904G	55.72	68.20	-12.48	3.91	3	Vertical	342	1.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	42.59	54.00	-11.41	3.06	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	103.24	Inf	-Inf	3.58	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4296G	54.22	74.00	-19.78	3.06	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	53.75	68.20	-14.45	3.10	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.72G	112.51	Inf	-Inf	3.58	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8724G	56.21	68.20	-11.99	3.87	3	Horizontal	53	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1574G	53.57	54.00	-0.43	16.37	3	Vertical	180	1.85	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1674G	67.39	74.00	-6.61	16.44	3	Vertical	180	1.85	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.159G	51.46	54.00	-2.54	16.38	3	Horizontal	154	1.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1543G	65.06	74.00	-8.94	16.35	3	Horizontal	154	1.59	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	AV	5.1196G	42.79	54.00	-11.21	2.70	3	Vertical	1	1.79	-
5260MHz	Pass	AV	5.263G	104.25	Inf	-Inf	2.87	3	Vertical	1	1.79	-
5260MHz	Pass	AV	5.3656G	42.16	54.00	-11.84	2.99	3	Vertical	1	1.79	-
5260MHz	Pass	PK	5.1154G	55.99	74.00	-18.01	2.70	3	Vertical	1	1.79	-
5260MHz	Pass	PK	5.2618G	114.72	Inf	-Inf	2.87	3	Vertical	1	1.79	-
5260MHz	Pass	PK	5.3842G	55.23	74.00	-18.77	3.01	3	Vertical	1	1.79	-
5260MHz	Pass	AV	5.1202G	44.02	54.00	-9.98	2.70	3	Horizontal	303	1.99	-
5260MHz	Pass	AV	5.2624G	105.80	Inf	-Inf	2.87	3	Horizontal	303	1.99	-
5260MHz	Pass	AV	5.353G	42.28	54.00	-11.72	2.97	3	Horizontal	303	1.99	-
5260MHz	Pass	PK	5.1352G	56.01	74.00	-17.99	2.72	3	Horizontal	303	1.99	-
5260MHz	Pass	PK	5.2618G	116.48	Inf	-Inf	2.87	3	Horizontal	303	1.99	-
5260MHz	Pass	PK	5.3932G	55.17	74.00	-18.83	3.03	3	Horizontal	303	1.99	-
5260MHz	Pass	AV	15.7759G	52.52	54.00	-1.48	12.95	3	Vertical	175	1.49	-
5260MHz	Pass	PK	15.7761G	67.77	74.00	-6.23	12.94	3	Vertical	175	1.49	-
5260MHz	Pass	AV	15.7762G	53.57	54.00	-0.43	12.94	3	Horizontal	209	1.27	-
5260MHz	Pass	PK	15.7762G	67.05	74.00	-6.95	12.94	3	Horizontal	209	1.27	-
5300MHz	Pass	AV	5.3028G	104.49	Inf	-Inf	2.91	3	Vertical	1	1.14	-
5300MHz	Pass	AV	5.350005G	48.11	54.00	-5.89	2.97	3	Vertical	1	1.14	-
5300MHz	Pass	PK	5.3016G	115.17	Inf	-Inf	2.91	3	Vertical	1	1.14	-
5300MHz	Pass	PK	5.350005G	66.14	74.00	-7.86	2.97	3	Vertical	1	1.14	-
5300MHz	Pass	AV	5.3024G	106.21	Inf	-Inf	2.91	3	Horizontal	300	1.95	-
5300MHz	Pass	AV	5.350005G	48.19	54.00	-5.81	2.97	3	Horizontal	300	1.95	-
5300MHz	Pass	PK	5.3016G	117.45	Inf	-Inf	2.91	3	Horizontal	300	1.95	-
5300MHz	Pass	PK	5.350005G	66.24	74.00	-7.76	2.97	3	Horizontal	300	1.95	-
5300MHz	Pass	AV	15.8962G	52.90	54.00	-1.10	12.37	3	Vertical	177	1.37	-
5300MHz	Pass	PK	15.896G	67.10	74.00	-6.90	12.37	3	Vertical	177	1.37	-
5300MHz	Pass	AV	15.9006G	53.82	54.00	-0.18	12.35	3	Horizontal	157	1.50	-
5300MHz	Pass	PK	15.9012G	67.69	74.00	-6.31	12.34	3	Horizontal	157	1.50	-
5320MHz	Pass	AV	5.3226G	103.49	Inf	-Inf	2.94	3	Vertical	336	1.80	-
5320MHz	Pass	AV	5.350005G	53.23	54.00	-0.77	2.97	3	Vertical	336	1.80	-
5320MHz	Pass	PK	5.3216G	114.25	Inf	-Inf	2.94	3	Vertical	336	1.80	-
5320MHz	Pass	PK	5.3548G	70.50	74.00	-3.50	2.97	3	Vertical	336	1.80	-
5320MHz	Pass	AV	5.323G	103.78	Inf	-Inf	2.94	3	Horizontal	33	2.04	-
5320MHz	Pass	AV	5.350005G	53.84	54.00	-0.16	2.97	3	Horizontal	33	2.04	-
5320MHz	Pass	PK	5.3218G	114.33	Inf	-Inf	2.94	3	Horizontal	33	2.04	-
5320MHz	Pass	PK	5.350005G	69.33	74.00	-4.67	2.97	3	Horizontal	33	2.04	-
5320MHz	Pass	AV	15.9584G	48.43	54.00	-5.57	12.07	3	Vertical	153	1.74	-
5320MHz	Pass	PK	15.9582G	64.04	74.00	-9.96	12.07	3	Vertical	153	1.74	-
5320MHz	Pass	AV	15.9556G	52.73	54.00	-1.27	12.08	3	Horizontal	112	1.88	-
5320MHz	Pass	PK	15.9733G	69.25	74.00	-4.75	12.00	3	Horizontal	112	1.88	-
5500MHz	Pass	AV	5.4598G	43.32	54.00	-10.68	3.10	3	Vertical	347	1.80	-
5500MHz	Pass	AV	5.4972G	99.57	Inf	-Inf	3.14	3	Vertical	347	1.80	-
5500MHz	Pass	PK	5.459995G	56.54	74.00	-17.46	3.10	3	Vertical	347	1.80	-
5500MHz	Pass	PK	5.4698G	65.17	68.20	-3.03	3.11	3	Vertical	347	1.80	-
5500MHz	Pass	PK	5.4992G	109.97	Inf	-Inf	3.14	3	Vertical	347	1.80	-
5500MHz	Pass	AV	5.4596G	43.76	54.00	-10.24	3.10	3	Horizontal	55	1.98	-
5500MHz	Pass	AV	5.4974G	100.24	Inf	-Inf	3.14	3	Horizontal	55	1.98	-
5500MHz	Pass	PK	5.4584G	57.51	74.00	-16.49	3.10	3	Horizontal	55	1.98	-
5500MHz	Pass	PK	5.4694G	62.62	68.20	-5.58	3.11	3	Horizontal	55	1.98	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	5.4992G	110.67	Inf	-Inf	3.14	3	Horizontal	55	1.98	-
5500MHz	Pass	AV	16.4957G	50.06	54.00	-3.94	13.57	3	Vertical	136	1.82	-
5500MHz	Pass	PK	16.498G	66.13	74.00	-7.87	13.58	3	Vertical	136	1.82	-
5500MHz	Pass	AV	16.4924G	53.85	54.00	-0.15	13.56	3	Horizontal	113	1.72	-
5500MHz	Pass	PK	16.4899G	72.14	74.00	-1.86	13.55	3	Horizontal	113	1.72	-
5580MHz	Pass	AV	5.448G	43.11	54.00	-10.89	3.08	3	Vertical	342	2.26	-
5580MHz	Pass	AV	5.577G	102.66	Inf	-Inf	3.29	3	Vertical	342	2.26	-
5580MHz	Pass	PK	5.442G	55.10	74.00	-18.90	3.08	3	Vertical	342	2.26	-
5580MHz	Pass	PK	5.466G	55.55	68.20	-12.65	3.11	3	Vertical	342	2.26	-
5580MHz	Pass	PK	5.5818G	113.15	Inf	-Inf	3.30	3	Vertical	342	2.26	-
5580MHz	Pass	PK	5.727G	55.23	68.20	-12.97	3.59	3	Vertical	342	2.26	-
5580MHz	Pass	AV	5.448G	42.21	54.00	-11.79	3.08	3	Horizontal	13	1.04	-
5580MHz	Pass	AV	5.5776G	100.97	Inf	-Inf	3.30	3	Horizontal	13	1.04	-
5580MHz	Pass	PK	5.4516G	55.53	74.00	-18.47	3.09	3	Horizontal	13	1.04	-
5580MHz	Pass	PK	5.4624G	54.65	68.20	-13.55	3.10	3	Horizontal	13	1.04	-
5580MHz	Pass	PK	5.5764G	110.93	Inf	-Inf	3.29	3	Horizontal	13	1.04	-
5580MHz	Pass	PK	5.7258G	54.70	68.20	-13.50	3.59	3	Horizontal	13	1.04	-
5580MHz	Pass	AV	16.7466G	49.49	54.00	-4.51	14.43	3	Vertical	158	1.39	-
5580MHz	Pass	PK	16.7464G	65.12	74.00	-8.88	14.43	3	Vertical	158	1.39	-
5580MHz	Pass	AV	16.7348G	53.25	54.00	-0.75	14.39	3	Horizontal	231	1.56	-
5580MHz	Pass	PK	16.7362G	68.41	74.00	-5.59	14.40	3	Horizontal	231	1.56	-
5700MHz	Pass	AV	5.7028G	98.68	Inf	-Inf	3.55	3	Vertical	319	1.02	-
5700MHz	Pass	PK	5.7016G	109.91	Inf	-Inf	3.54	3	Vertical	319	1.02	-
5700MHz	Pass	PK	5.7252G	68.07	68.20	-0.13	3.59	3	Vertical	319	1.02	-
5700MHz	Pass	AV	5.6972G	101.44	Inf	-Inf	3.53	3	Horizontal	49	1.82	-
5700MHz	Pass	PK	5.698G	111.63	Inf	-Inf	3.54	3	Horizontal	49	1.82	-
5700MHz	Pass	PK	5.7304G	63.99	68.20	-4.21	3.59	3	Horizontal	49	1.82	-
5700MHz	Pass	AV	17.0933G	48.13	54.00	-5.87	15.94	3	Vertical	174	1.83	-
5700MHz	Pass	PK	17.098G	63.48	74.00	-10.52	15.97	3	Vertical	174	1.83	-
5700MHz	Pass	AV	17.099G	50.93	54.00	-3.07	15.97	3	Horizontal	97	1.89	-
5700MHz	Pass	PK	17.0986G	68.28	74.00	-5.72	15.97	3	Horizontal	97	1.89	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	42.63	54.00	-11.37	3.06	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	102.35	Inf	-Inf	3.58	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	54.20	74.00	-19.80	3.09	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	53.87	68.20	-14.33	3.11	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	112.05	Inf	-Inf	3.58	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8916G	56.27	68.20	-11.93	3.91	3	Vertical	7	2.42	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	42.27	54.00	-11.73	3.06	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	103.17	Inf	-Inf	3.57	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4404G	55.11	74.00	-18.89	3.07	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.460005G	54.42	68.20	-13.78	3.10	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	113.24	Inf	-Inf	3.57	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9216G	56.29	68.20	-11.91	3.98	3	Horizontal	282	2.05	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1552G	51.93	54.00	-2.07	16.36	3	Vertical	156	1.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.173G	67.08	74.00	-6.92	16.48	3	Vertical	156	1.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	17.1638G	53.55	54.00	-0.45	16.42	3	Horizontal	233	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1614G	69.22	74.00	-4.78	16.40	3	Horizontal	233	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2716G	103.19	Inf	-Inf	2.88	3	Vertical	332	2.24	-

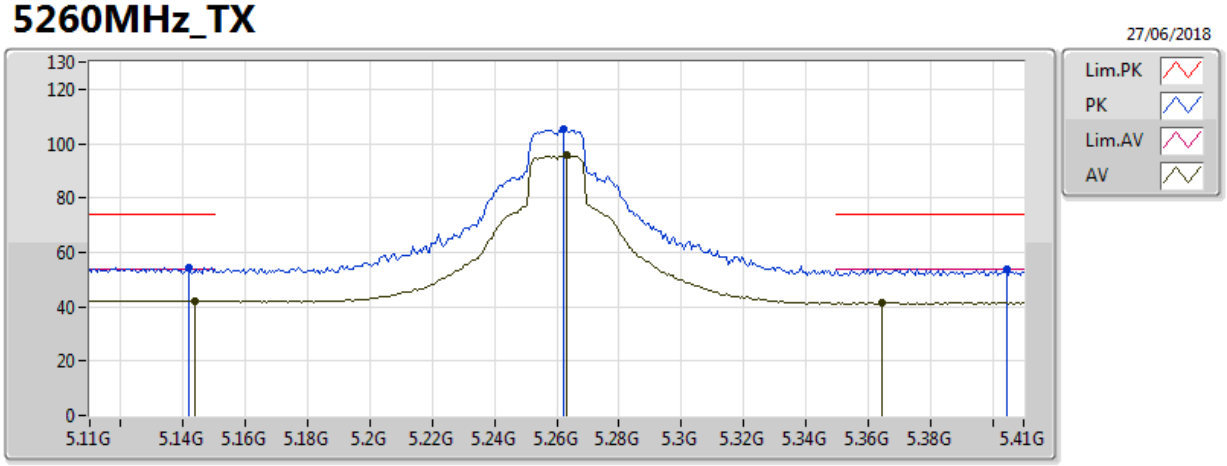
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.350005G	52.08	54.00	-1.92	2.97	3	Vertical	332	2.24	-
5270MHz	Pass	PK	5.2732G	112.12	Inf	-Inf	2.88	3	Vertical	332	2.24	-
5270MHz	Pass	PK	5.350005G	68.12	74.00	-5.88	2.97	3	Vertical	332	2.24	-
5270MHz	Pass	AV	5.2716G	103.42	Inf	-Inf	2.88	3	Horizontal	281	2.22	-
5270MHz	Pass	AV	5.350005G	53.61	54.00	-0.39	2.97	3	Horizontal	281	2.22	-
5270MHz	Pass	PK	5.272G	112.19	Inf	-Inf	2.88	3	Horizontal	281	2.22	-
5270MHz	Pass	PK	5.3504G	68.32	74.00	-5.68	2.97	3	Horizontal	281	2.22	-
5270MHz	Pass	AV	15.8053G	51.15	54.00	-2.85	12.80	3	Vertical	128	1.72	-
5270MHz	Pass	PK	15.8053G	63.70	74.00	-10.30	12.80	3	Vertical	128	1.72	-
5270MHz	Pass	AV	15.8017G	52.73	54.00	-1.27	12.82	3	Horizontal	225	1.55	-
5270MHz	Pass	PK	15.801G	66.01	74.00	-7.99	12.83	3	Horizontal	225	1.55	-
5310MHz	Pass	AV	5.3116G	98.99	Inf	-Inf	2.92	3	Vertical	343	2.36	-
5310MHz	Pass	AV	5.350005G	53.24	54.00	-0.76	2.97	3	Vertical	343	2.36	-
5310MHz	Pass	PK	5.3124G	107.44	Inf	-Inf	2.92	3	Vertical	343	2.36	-
5310MHz	Pass	PK	5.3516G	66.90	74.00	-7.10	2.97	3	Vertical	343	2.36	-
5310MHz	Pass	AV	5.3112G	98.42	Inf	-Inf	2.92	3	Horizontal	297	2.19	-
5310MHz	Pass	AV	5.350005G	53.44	54.00	-0.56	2.97	3	Horizontal	297	2.19	-
5310MHz	Pass	PK	5.3112G	106.97	Inf	-Inf	2.92	3	Horizontal	297	2.19	-
5310MHz	Pass	PK	5.3516G	65.83	74.00	-8.17	2.97	3	Horizontal	297	2.19	-
5310MHz	Pass	AV	15.92782G	43.01	54.00	-10.99	12.22	3	Vertical	223	1.75	-
5310MHz	Pass	PK	15.92982G	56.24	74.00	-17.76	12.21	3	Vertical	223	1.75	-
5310MHz	Pass	AV	15.92852G	44.92	54.00	-9.08	12.21	3	Horizontal	152	2.10	-
5310MHz	Pass	PK	15.9306G	58.43	74.00	-15.57	12.20	3	Horizontal	152	2.10	-
5510MHz	Pass	AV	5.459995G	47.34	54.00	-6.66	3.10	3	Vertical	342	2.45	-
5510MHz	Pass	AV	5.5084G	98.85	Inf	-Inf	3.16	3	Vertical	342	2.45	-
5510MHz	Pass	PK	5.4584G	62.89	74.00	-11.11	3.10	3	Vertical	342	2.45	-
5510MHz	Pass	PK	5.4696G	67.74	68.20	-0.46	3.11	3	Vertical	342	2.45	-
5510MHz	Pass	PK	5.5072G	107.92	Inf	-Inf	3.15	3	Vertical	342	2.45	-
5510MHz	Pass	AV	5.459995G	45.75	54.00	-8.25	3.10	3	Horizontal	12	1.71	-
5510MHz	Pass	AV	5.5044G	96.64	Inf	-Inf	3.15	3	Horizontal	12	1.71	-
5510MHz	Pass	PK	5.4588G	60.29	74.00	-13.71	3.10	3	Horizontal	12	1.71	-
5510MHz	Pass	PK	5.4624G	64.53	68.20	-3.67	3.10	3	Horizontal	12	1.71	-
5510MHz	Pass	PK	5.506G	105.25	Inf	-Inf	3.15	3	Horizontal	12	1.71	-
5510MHz	Pass	AV	16.52604G	42.90	54.00	-11.10	13.67	3	Vertical	192	1.74	-
5510MHz	Pass	PK	16.5263G	56.00	74.00	-18.00	13.68	3	Vertical	192	1.74	-
5510MHz	Pass	AV	16.532G	45.37	54.00	-8.63	13.69	3	Horizontal	241	2.27	-
5510MHz	Pass	PK	16.53276G	58.18	74.00	-15.82	13.70	3	Horizontal	241	2.27	-
5550MHz	Pass	AV	5.4532G	43.85	54.00	-10.15	3.09	3	Vertical	331	2.20	-
5550MHz	Pass	AV	5.5484G	100.62	Inf	-Inf	3.24	3	Vertical	331	2.20	-
5550MHz	Pass	PK	5.459995G	55.85	74.00	-18.15	3.10	3	Vertical	331	2.20	-
5550MHz	Pass	PK	5.4684G	63.73	68.20	-4.47	3.11	3	Vertical	331	2.20	-
5550MHz	Pass	PK	5.5472G	109.41	Inf	-Inf	3.23	3	Vertical	331	2.20	-
5550MHz	Pass	AV	5.4548G	43.27	54.00	-10.73	3.09	3	Horizontal	1	1.05	-
5550MHz	Pass	AV	5.5468G	99.02	Inf	-Inf	3.23	3	Horizontal	1	1.05	-
5550MHz	Pass	PK	5.4524G	55.25	74.00	-18.75	3.09	3	Horizontal	1	1.05	-
5550MHz	Pass	PK	5.4688G	60.20	68.20	-8.00	3.11	3	Horizontal	1	1.05	-
5550MHz	Pass	PK	5.5456G	107.98	Inf	-Inf	3.23	3	Horizontal	1	1.05	-
5550MHz	Pass	AV	16.6558G	50.13	54.00	-3.87	14.12	3	Vertical	139	1.39	-
5550MHz	Pass	PK	16.6568G	63.78	74.00	-10.22	14.12	3	Vertical	139	1.39	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	AV	16.641G	53.56	54.00	-0.44	14.07	3	Horizontal	215	1.61	-
5550MHz	Pass	PK	16.6601G	67.93	74.00	-6.07	14.13	3	Horizontal	215	1.61	-
5670MHz	Pass	AV	5.6716G	99.90	Inf	-Inf	3.48	3	Vertical	4	2.32	-
5670MHz	Pass	PK	5.6724G	108.39	Inf	-Inf	3.48	3	Vertical	4	2.32	-
5670MHz	Pass	PK	5.73G	65.31	68.20	-2.89	3.59	3	Vertical	4	2.32	-
5670MHz	Pass	AV	5.6644G	99.71	Inf	-Inf	3.47	3	Horizontal	284	1.97	-
5670MHz	Pass	PK	5.6656G	108.87	Inf	-Inf	3.47	3	Horizontal	284	1.97	-
5670MHz	Pass	PK	5.7252G	67.51	68.20	-0.69	3.59	3	Horizontal	284	1.97	-
5670MHz	Pass	AV	17.01378G	47.01	54.00	-6.99	15.39	3	Vertical	294	1.13	-
5670MHz	Pass	PK	17.01454G	60.25	74.00	-13.75	15.40	3	Vertical	294	1.13	-
5670MHz	Pass	AV	17.0087G	49.03	54.00	-4.97	15.36	3	Horizontal	214	1.60	-
5670MHz	Pass	PK	17.0078G	63.16	74.00	-10.84	15.35	3	Horizontal	214	1.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4244G	42.91	54.00	-11.09	3.06	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	100.33	Inf	-Inf	3.56	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4448G	55.28	74.00	-18.72	3.08	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	54.54	68.20	-13.66	3.11	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7124G	108.78	Inf	-Inf	3.56	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8612G	56.99	68.20	-11.21	3.85	3	Vertical	354	2.66	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4244G	42.93	54.00	-11.07	3.06	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.704G	101.39	Inf	-Inf	3.55	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4496G	54.55	74.00	-19.45	3.08	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	54.63	68.20	-13.57	3.11	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7052G	109.93	Inf	-Inf	3.55	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.878G	56.39	68.20	-11.81	3.88	3	Horizontal	271	2.12	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	17.1363G	50.33	54.00	-3.67	16.23	3	Vertical	194	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1393G	63.88	74.00	-10.12	16.25	3	Vertical	194	1.84	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	17.1311G	53.27	54.00	-0.73	16.19	3	Horizontal	217	1.90	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.1315G	66.28	74.00	-7.72	16.20	3	Horizontal	217	1.90	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.136G	44.59	54.00	-9.41	2.73	3	Vertical	360	1.03	-
5290MHz	Pass	AV	5.296G	92.56	Inf	-Inf	2.91	3	Vertical	360	1.03	-
5290MHz	Pass	AV	5.353G	50.98	54.00	-3.02	2.97	3	Vertical	360	1.03	-
5290MHz	Pass	PK	5.093G	55.64	74.00	-18.36	2.68	3	Vertical	360	1.03	-
5290MHz	Pass	PK	5.297G	102.43	Inf	-Inf	2.91	3	Vertical	360	1.03	-
5290MHz	Pass	PK	5.353G	63.06	74.00	-10.94	2.97	3	Vertical	360	1.03	-
5290MHz	Pass	PK	5.519G	55.31	68.20	-12.89	3.18	3	Vertical	360	1.03	-
5290MHz	Pass	AV	5.149995G	45.25	54.00	-8.75	2.74	3	Horizontal	298	1.96	-
5290MHz	Pass	AV	5.292G	94.21	Inf	-Inf	2.90	3	Horizontal	298	1.96	-
5290MHz	Pass	AV	5.350005G	53.70	54.00	-0.30	2.97	3	Horizontal	298	1.96	-
5290MHz	Pass	PK	5.137G	57.38	74.00	-16.62	2.73	3	Horizontal	298	1.96	-
5290MHz	Pass	PK	5.273G	104.14	Inf	-Inf	2.88	3	Horizontal	298	1.96	-
5290MHz	Pass	PK	5.351G	65.10	74.00	-8.90	2.97	3	Horizontal	298	1.96	-
5290MHz	Pass	PK	5.514G	55.12	68.20	-13.08	3.17	3	Horizontal	298	1.96	-
5290MHz	Pass	AV	15.87202G	41.14	54.00	-12.86	12.48	3	Vertical	125	1.63	-
5290MHz	Pass	PK	15.87284G	54.25	74.00	-19.75	12.48	3	Vertical	125	1.63	-
5290MHz	Pass	AV	15.87274G	41.31	54.00	-12.69	12.48	3	Horizontal	225	1.25	-
5290MHz	Pass	PK	15.8739G	53.82	74.00	-20.18	12.48	3	Horizontal	225	1.25	-
5530MHz	Pass	AV	5.459995G	52.83	54.00	-1.17	3.10	3	Vertical	340	2.45	-
5530MHz	Pass	AV	5.509G	94.12	Inf	-Inf	3.16	3	Vertical	340	2.45	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	PK	5.34G	56.53	68.20	-11.67	2.96	3	Vertical	340	2.45	-
5530MHz	Pass	PK	5.448G	66.43	74.00	-7.57	3.08	3	Vertical	340	2.45	-
5530MHz	Pass	PK	5.469G	67.39	68.20	-0.81	3.11	3	Vertical	340	2.45	-
5530MHz	Pass	PK	5.509G	103.82	Inf	-Inf	3.16	3	Vertical	340	2.45	-
5530MHz	Pass	PK	5.733G	55.98	68.20	-12.22	3.60	3	Vertical	340	2.45	-
5530MHz	Pass	AV	5.458G	50.56	54.00	-3.44	3.09	3	Horizontal	10	1.79	-
5530MHz	Pass	AV	5.532G	90.75	Inf	-Inf	3.20	3	Horizontal	10	1.79	-
5530MHz	Pass	PK	5.302G	55.01	68.20	-13.19	2.91	3	Horizontal	10	1.79	-
5530MHz	Pass	PK	5.459G	63.64	74.00	-10.36	3.10	3	Horizontal	10	1.79	-
5530MHz	Pass	PK	5.465G	64.96	68.20	-3.24	3.11	3	Horizontal	10	1.79	-
5530MHz	Pass	PK	5.532G	100.38	Inf	-Inf	3.20	3	Horizontal	10	1.79	-
5530MHz	Pass	PK	5.779G	55.53	68.20	-12.67	3.69	3	Horizontal	10	1.79	-
5530MHz	Pass	AV	16.585G	43.32	54.00	-10.68	13.88	3	Vertical	12	1.31	-
5530MHz	Pass	PK	16.5871G	55.49	74.00	-18.51	13.88	3	Vertical	12	1.31	-
5530MHz	Pass	AV	16.58668G	42.84	54.00	-11.16	13.88	3	Horizontal	136	1.42	-
5530MHz	Pass	PK	16.58674G	55.42	74.00	-18.58	13.88	3	Horizontal	136	1.42	-
5610MHz	Pass	AV	5.45G	47.46	54.00	-6.54	3.08	3	Vertical	340	2.39	-
5610MHz	Pass	AV	5.589G	97.15	Inf	-Inf	3.32	3	Vertical	340	2.39	-
5610MHz	Pass	PK	5.45G	63.20	74.00	-10.80	3.08	3	Vertical	340	2.39	-
5610MHz	Pass	PK	5.469G	66.36	68.20	-1.84	3.11	3	Vertical	340	2.39	-
5610MHz	Pass	PK	5.589G	106.83	Inf	-Inf	3.32	3	Vertical	340	2.39	-
5610MHz	Pass	PK	5.73G	66.48	68.20	-1.72	3.59	3	Vertical	340	2.39	-
5610MHz	Pass	AV	5.459995G	45.30	54.00	-8.70	3.10	3	Horizontal	278	1.97	-
5610MHz	Pass	AV	5.622G	96.75	Inf	-Inf	3.38	3	Horizontal	278	1.97	-
5610MHz	Pass	PK	5.447G	58.91	74.00	-15.09	3.08	3	Horizontal	278	1.97	-
5610MHz	Pass	PK	5.467G	62.45	68.20	-5.75	3.11	3	Horizontal	278	1.97	-
5610MHz	Pass	PK	5.623G	106.25	Inf	-Inf	3.39	3	Horizontal	278	1.97	-
5610MHz	Pass	PK	5.726G	67.64	68.20	-0.56	3.59	3	Horizontal	278	1.97	-
5610MHz	Pass	AV	16.8364G	47.30	54.00	-6.70	14.74	3	Vertical	150	1.34	-
5610MHz	Pass	PK	16.835G	60.11	74.00	-13.89	14.73	3	Vertical	150	1.34	-
5610MHz	Pass	AV	16.8226G	51.05	54.00	-2.95	14.69	3	Horizontal	222	1.54	-
5610MHz	Pass	PK	16.8652G	64.39	74.00	-9.61	14.84	3	Horizontal	222	1.54	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.452G	43.52	54.00	-10.48	3.09	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.671G	98.53	Inf	-Inf	3.48	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.447G	55.61	74.00	-18.39	3.08	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	58.90	68.20	-9.30	3.11	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.67G	108.09	Inf	-Inf	3.48	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.856G	64.72	68.20	-3.48	3.84	3	Vertical	354	2.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459995G	43.39	54.00	-10.61	3.10	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.702G	99.09	Inf	-Inf	3.54	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.459G	55.90	74.00	-18.10	3.10	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.465G	57.04	68.20	-11.16	3.11	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.684G	108.35	Inf	-Inf	3.51	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.861G	64.82	68.20	-3.38	3.85	3	Horizontal	268	2.17	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	17.0818G	51.47	54.00	-2.53	15.86	3	Vertical	139	1.31	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.082G	65.20	74.00	-8.80	15.86	3	Vertical	139	1.31	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	17.089G	53.78	54.00	-0.22	15.91	3	Horizontal	221	1.92	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0896G	67.91	74.00	-6.09	15.91	3	Horizontal	221	1.92	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

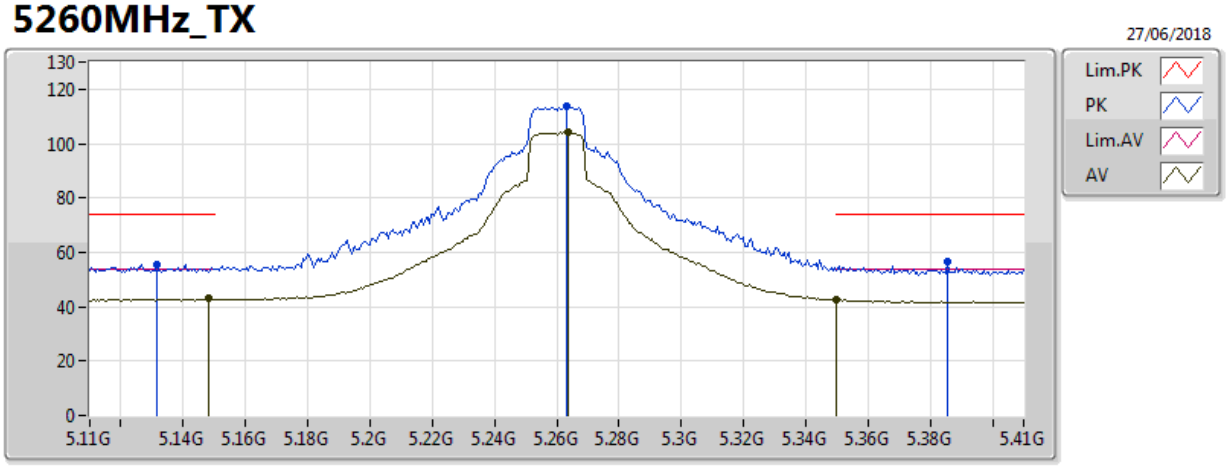
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1436G	42.19	54.00	-11.81	2.74	3	Vertical	345	1.50	-
AV	5.263G	95.74	Inf	-Inf	2.87	3	Vertical	345	1.50	-
AV	5.3644G	41.71	54.00	-12.29	2.99	3	Vertical	345	1.50	-
PK	5.1418G	54.54	74.00	-19.46	2.74	3	Vertical	345	1.50	-
PK	5.2624G	105.17	Inf	-Inf	2.87	3	Vertical	345	1.50	-
PK	5.4046G	53.92	74.00	-20.08	3.03	3	Vertical	345	1.50	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

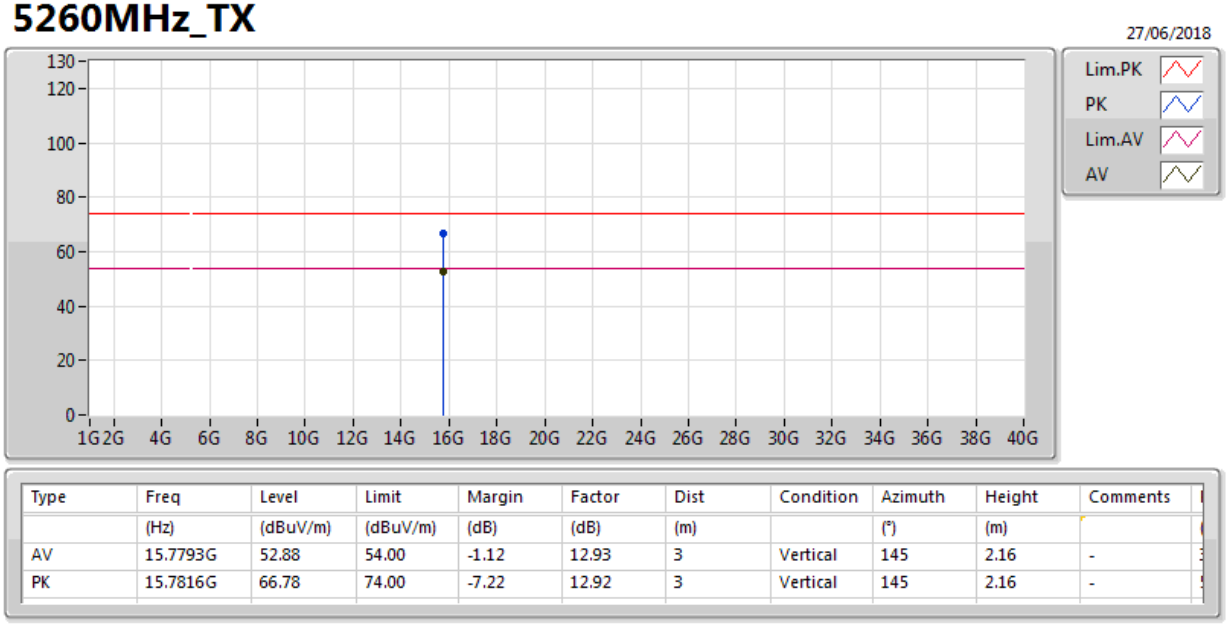
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1484G	42.93	54.00	-11.07	2.74	3	Horizontal	33	1.01	-
AV	5.2636G	104.34	Inf	-Inf	2.87	3	Horizontal	33	1.01	-
AV	5.350005G	42.40	54.00	-11.60	2.97	3	Horizontal	33	1.01	-
PK	5.1316G	55.53	74.00	-18.47	2.72	3	Horizontal	33	1.01	-
PK	5.263G	113.54	Inf	-Inf	2.87	3	Horizontal	33	1.01	-
PK	5.3854G	56.48	74.00	-17.52	3.01	3	Horizontal	33	1.01	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

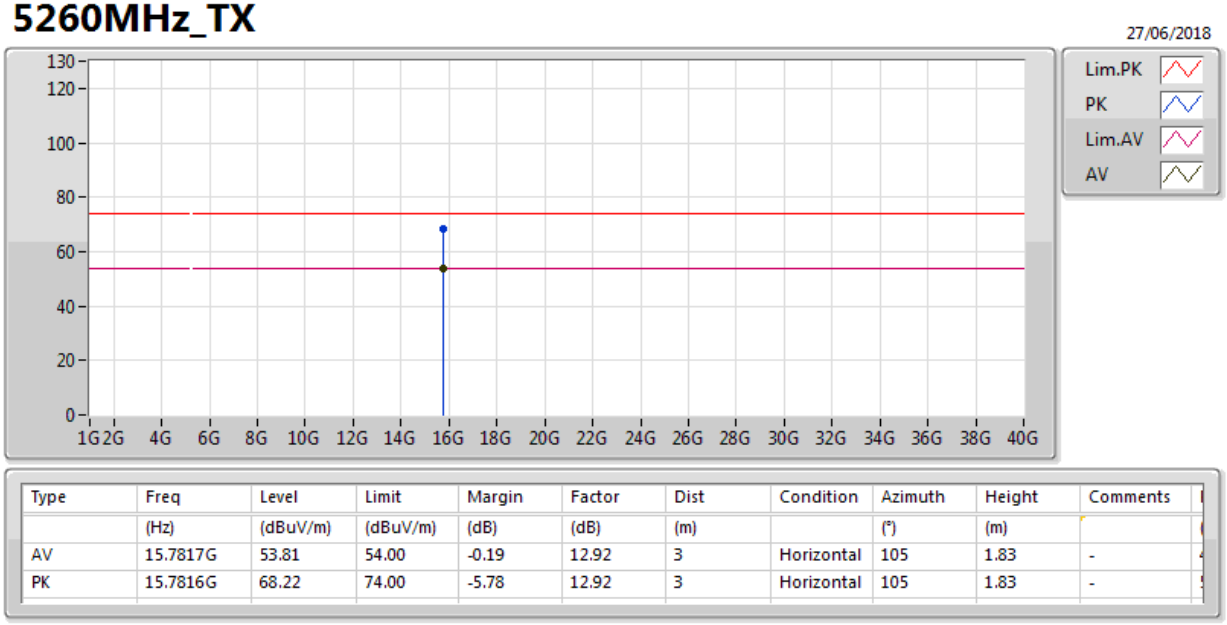
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7793G	52.88	54.00	-1.12	12.93	3	Vertical	145	2.16	-
PK	15.7816G	66.78	74.00	-7.22	12.92	3	Vertical	145	2.16	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

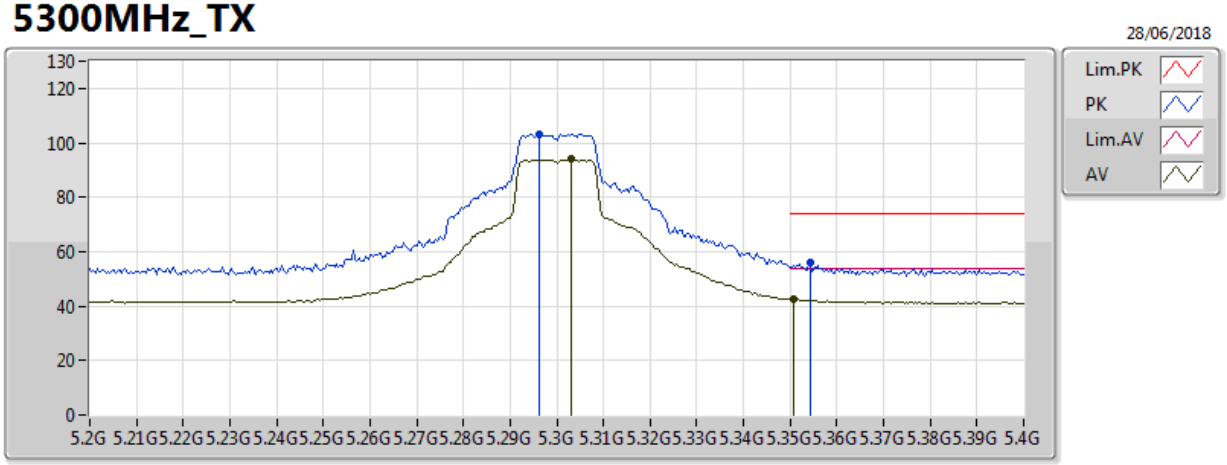
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7817G	53.81	54.00	-0.19	12.92	3	Horizontal	105	1.83	-
PK	15.7816G	68.22	74.00	-5.78	12.92	3	Horizontal	105	1.83	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

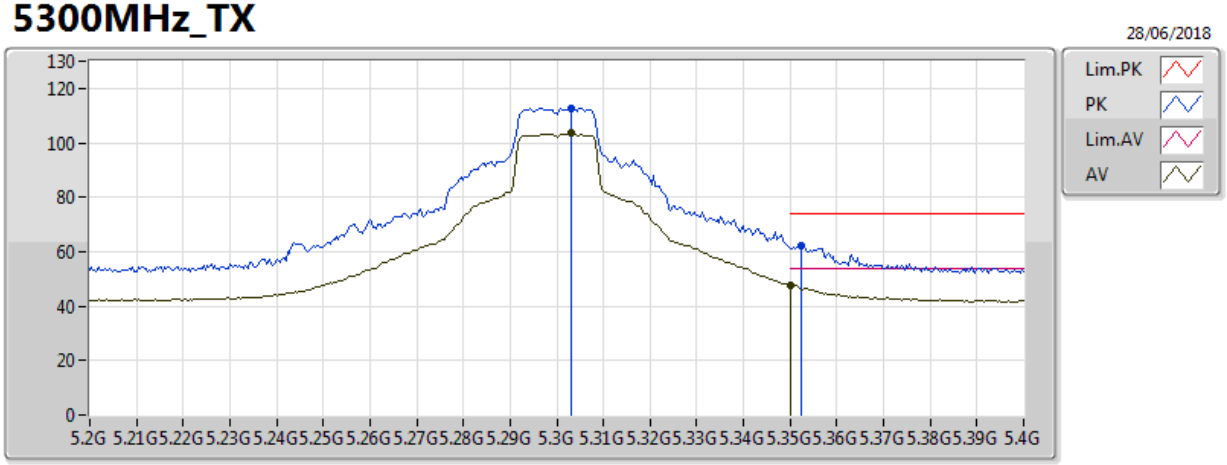
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3032G	93.94	Inf	-Inf	2.91	3	Vertical	352	1.81	-
AV	5.3508G	42.49	54.00	-11.51	2.97	3	Vertical	352	1.81	-
PK	5.2964G	103.35	Inf	-Inf	2.91	3	Vertical	352	1.81	-
PK	5.3544G	56.01	74.00	-17.99	2.97	3	Vertical	352	1.81	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

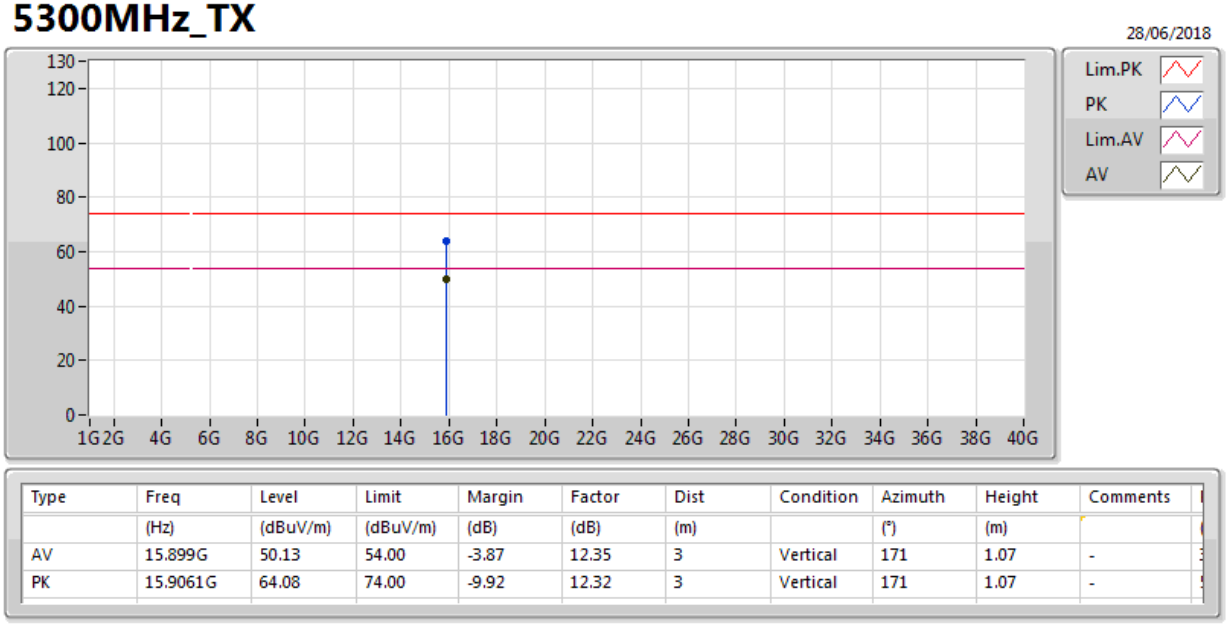
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3032G	103.46	Inf	-Inf	2.91	3	Horizontal	37	2.57	-
AV	5.350005G	47.57	54.00	-6.43	2.97	3	Horizontal	37	2.57	-
PK	5.3032G	112.72	Inf	-Inf	2.91	3	Horizontal	37	2.57	-
PK	5.3524G	62.41	74.00	-11.59	2.97	3	Horizontal	37	2.57	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

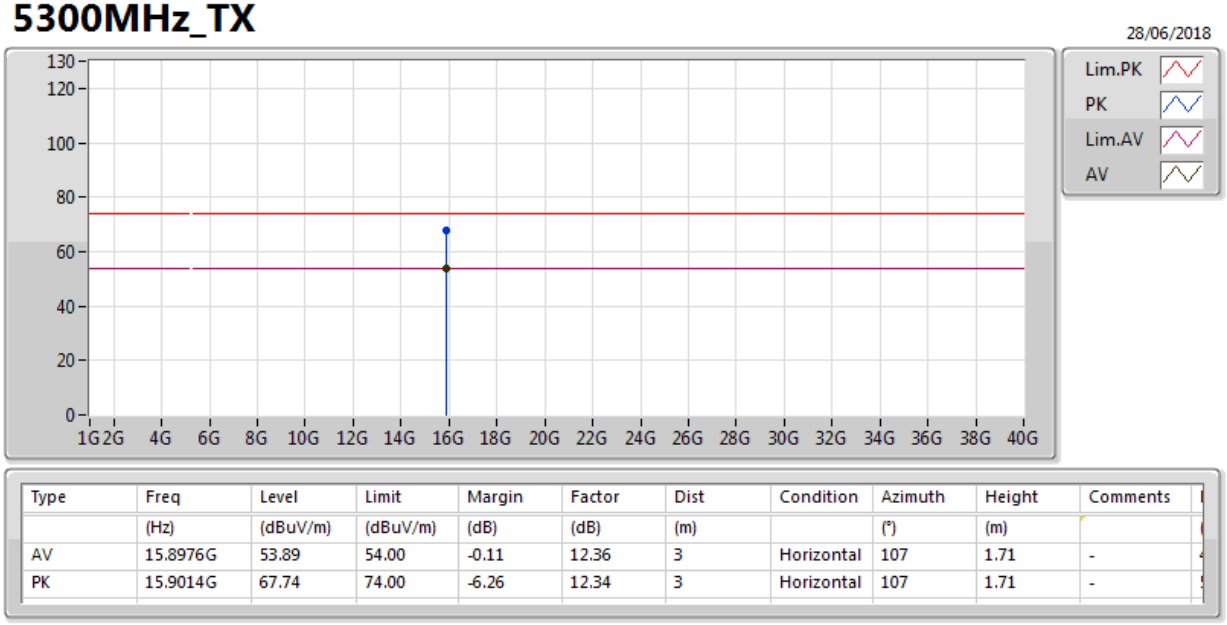
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.899G	50.13	54.00	-3.87	12.35	3	Vertical	171	1.07	-
PK	15.9061G	64.08	74.00	-9.92	12.32	3	Vertical	171	1.07	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

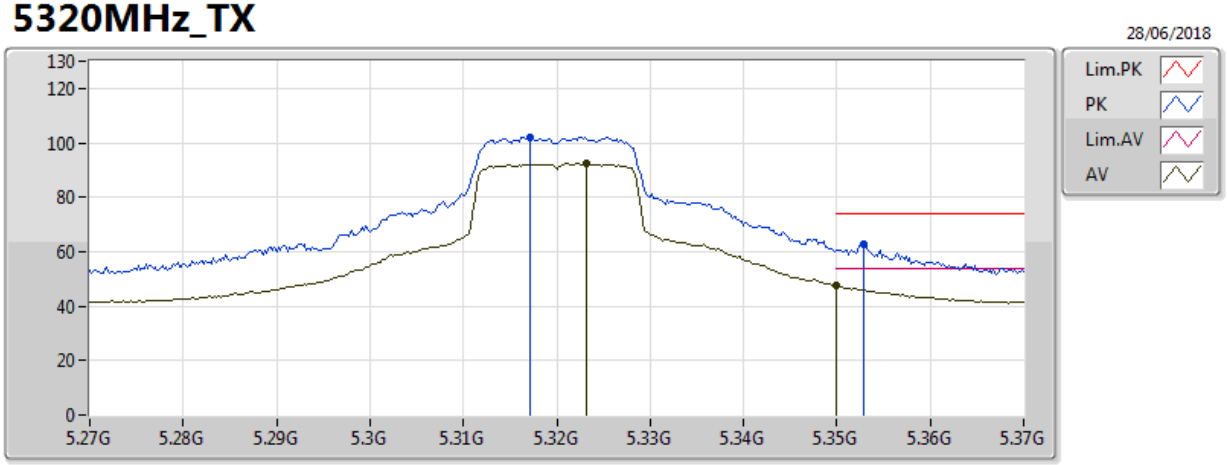
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8976G	53.89	54.00	-0.11	12.36	3	Horizontal	107	1.71	-
PK	15.9014G	67.74	74.00	-6.26	12.34	3	Horizontal	107	1.71	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

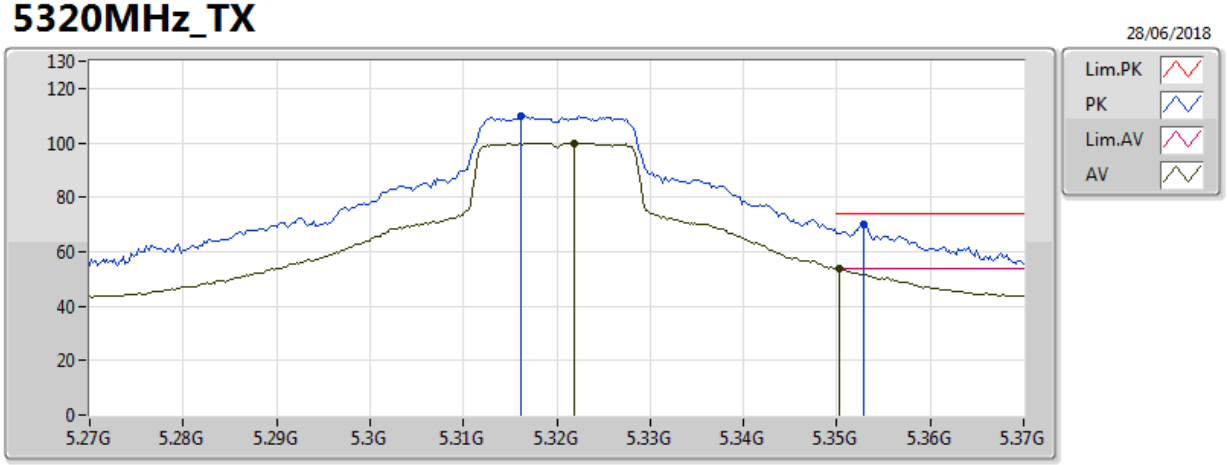
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3232G	92.35	Inf	-Inf	2.94	3	Vertical	353	1.33	-
AV	5.350005G	47.65	54.00	-6.35	2.97	3	Vertical	353	1.33	-
PK	5.3172G	102.06	Inf	-Inf	2.93	3	Vertical	353	1.33	-
PK	5.3528G	62.87	74.00	-11.13	2.97	3	Vertical	353	1.33	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

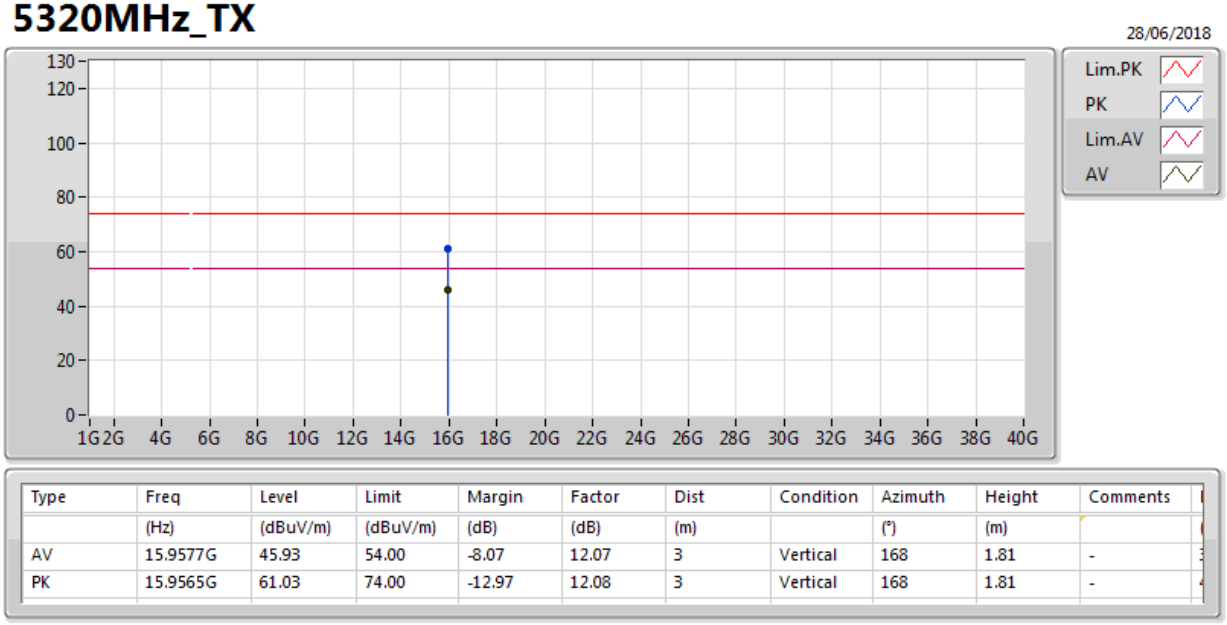
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3218G	99.98	Inf	-Inf	2.94	3	Horizontal	22	1.02	-
AV	5.3502G	53.90	54.00	-0.10	2.97	3	Horizontal	22	1.02	-
PK	5.3162G	109.76	Inf	-Inf	2.93	3	Horizontal	22	1.02	-
PK	5.3528G	69.82	74.00	-4.18	2.97	3	Horizontal	22	1.02	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

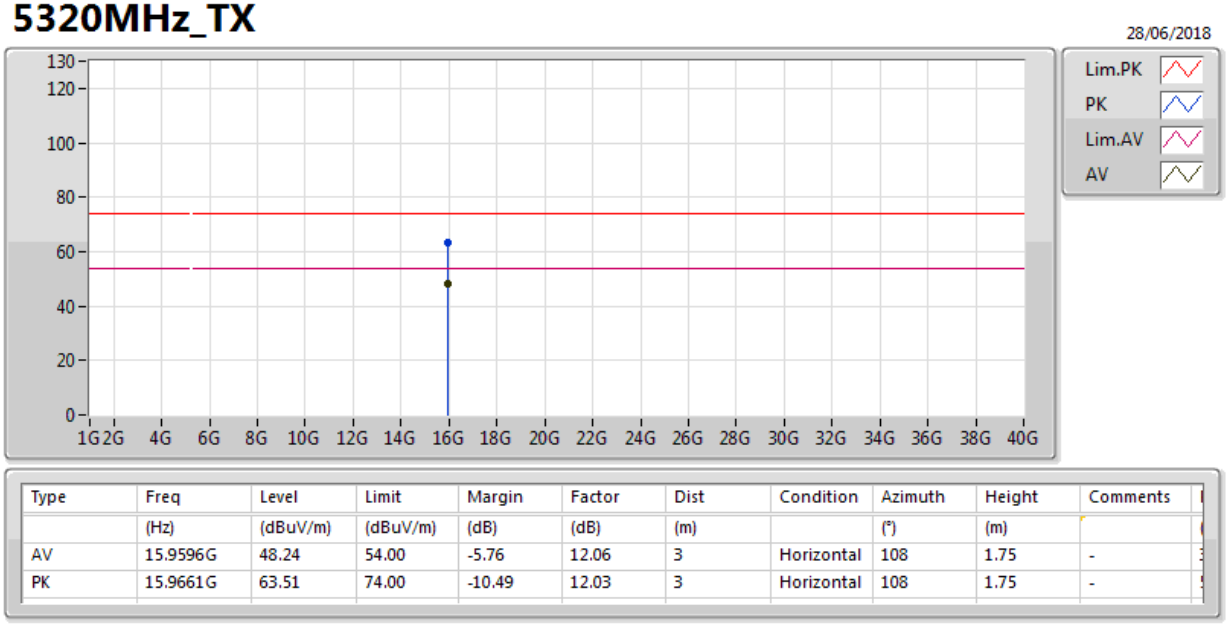
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.9577G	45.93	54.00	-8.07	12.07	3	Vertical	168	1.81	-
PK	15.9565G	61.03	74.00	-12.97	12.08	3	Vertical	168	1.81	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

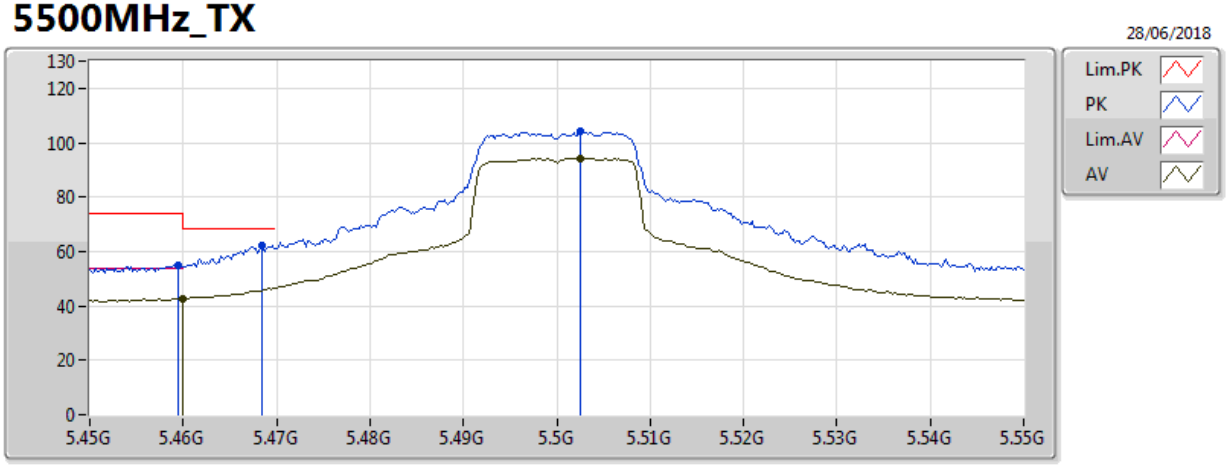
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.9596G	48.24	54.00	-5.76	12.06	3	Horizontal	108	1.75	-
PK	15.9661G	63.51	74.00	-10.49	12.03	3	Horizontal	108	1.75	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

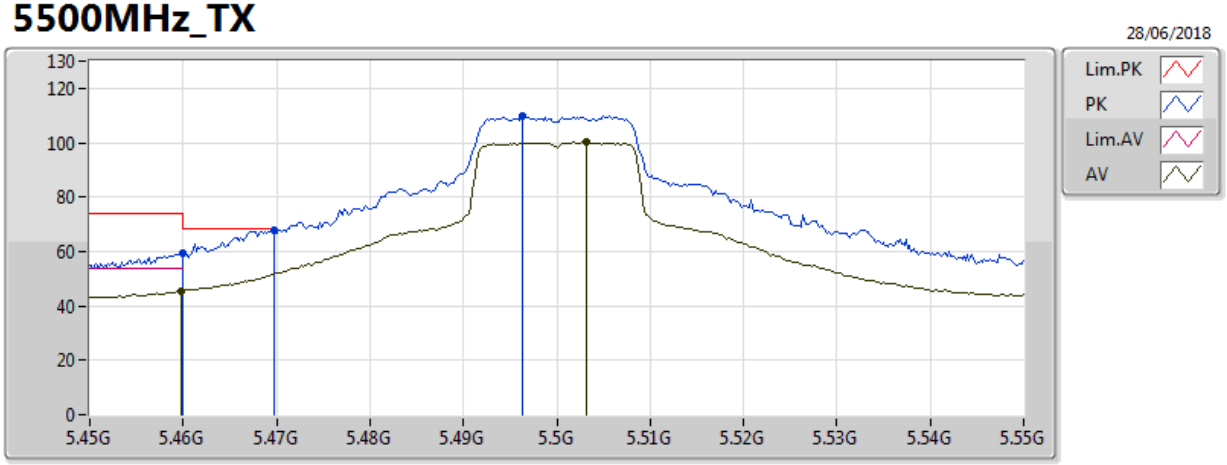
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	42.60	54.00	-11.40	3.10	3	Vertical	349	1.02	-
AV	5.5026G	94.32	Inf	-Inf	3.15	3	Vertical	349	1.02	-
PK	5.4594G	55.18	74.00	-18.82	3.10	3	Vertical	349	1.02	-
PK	5.4684G	62.17	68.20	-6.03	3.11	3	Vertical	349	1.02	-
PK	5.5026G	104.02	Inf	-Inf	3.15	3	Vertical	349	1.02	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

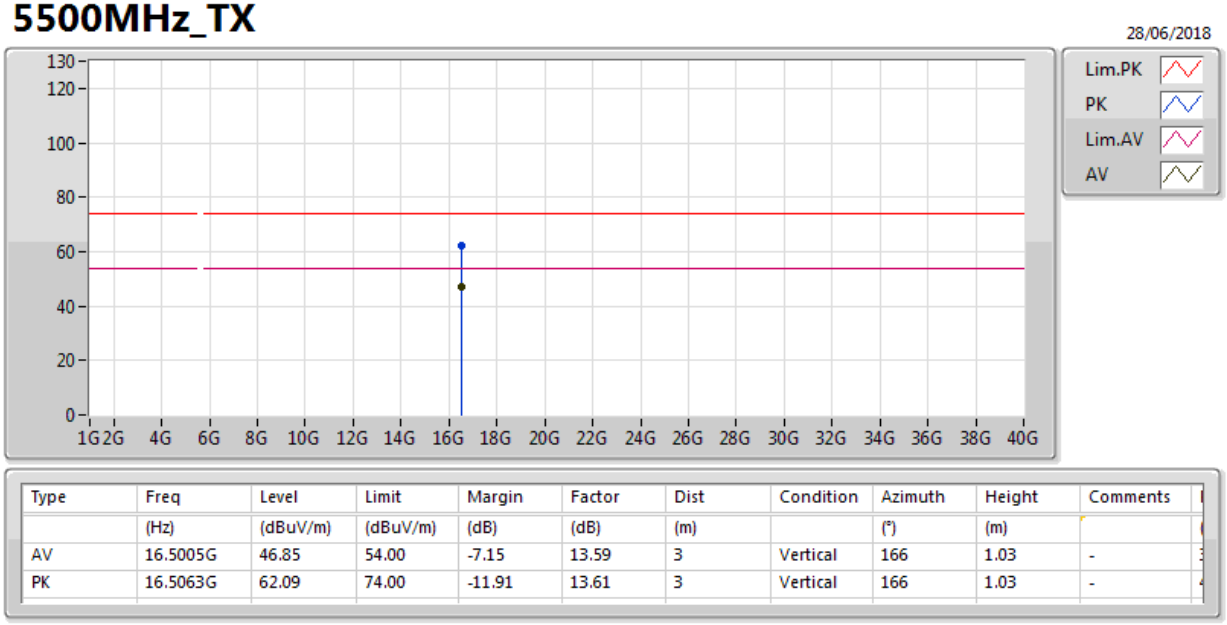
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4598G	45.61	54.00	-8.39	3.10	3	Horizontal	19	2.54	-
AV	5.5032G	100.19	Inf	-Inf	3.15	3	Horizontal	19	2.54	-
PK	5.459995G	59.57	74.00	-14.43	3.10	3	Horizontal	19	2.54	-
PK	5.4698G	67.64	68.20	-0.56	3.11	3	Horizontal	19	2.54	-
PK	5.4964G	109.64	Inf	-Inf	3.14	3	Horizontal	19	2.54	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

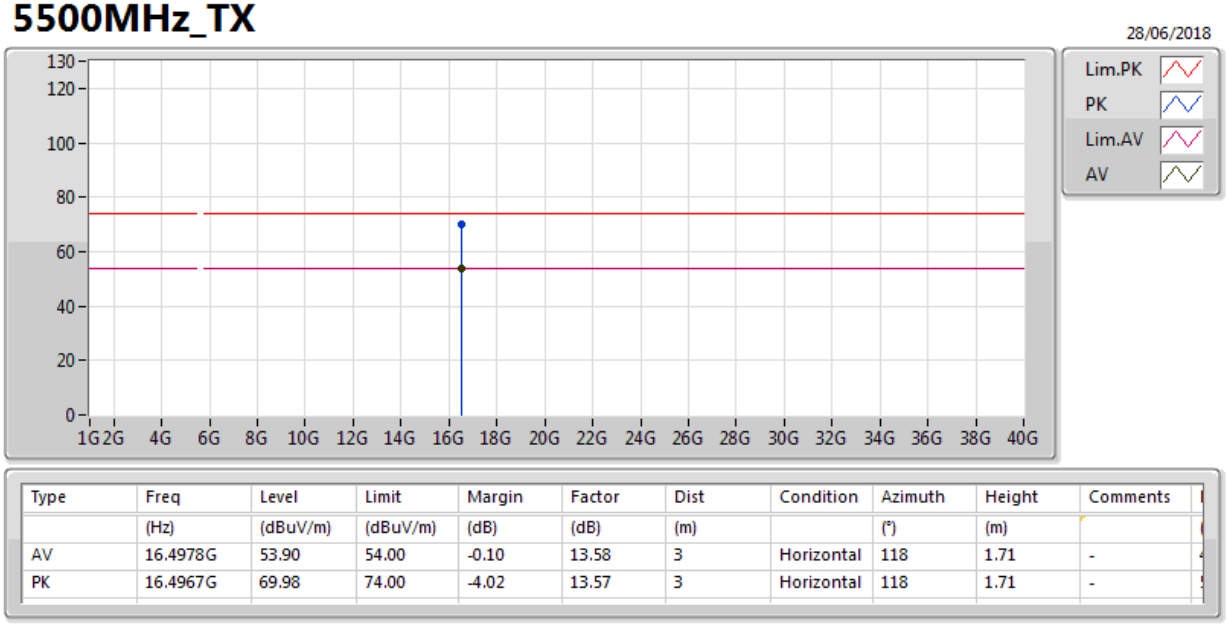
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.5005G	46.85	54.00	-7.15	13.59	3	Vertical	166	1.03	-
PK	16.5063G	62.09	74.00	-11.91	13.61	3	Vertical	166	1.03	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

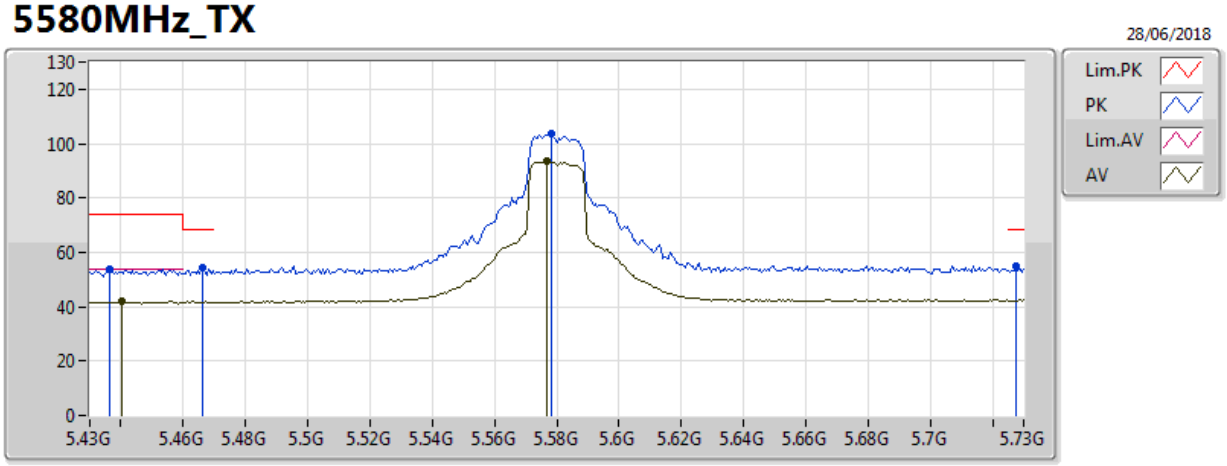
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.4978G	53.90	54.00	-0.10	13.58	3	Horizontal	118	1.71	-
PK	16.4967G	69.98	74.00	-4.02	13.57	3	Horizontal	118	1.71	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

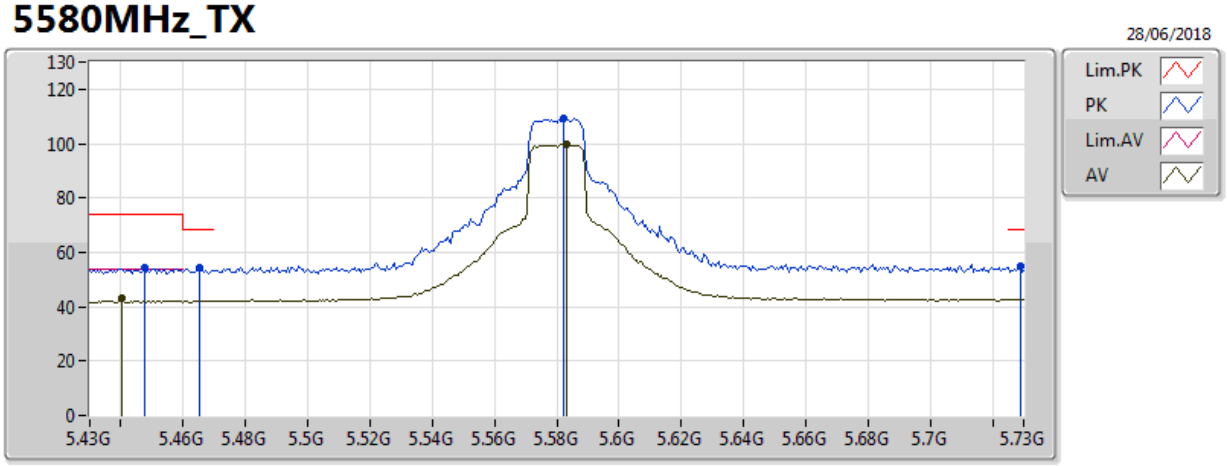
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4402G	41.84	54.00	-12.16	3.07	3	Vertical	351	1.00	-
AV	5.577G	93.34	Inf	-Inf	3.29	3	Vertical	351	1.00	-
PK	5.4366G	54.07	74.00	-19.93	3.07	3	Vertical	351	1.00	-
PK	5.466G	54.16	68.20	-14.04	3.11	3	Vertical	351	1.00	-
PK	5.5782G	103.45	Inf	-Inf	3.30	3	Vertical	351	1.00	-
PK	5.7276G	54.70	68.20	-13.50	3.59	3	Vertical	351	1.00	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

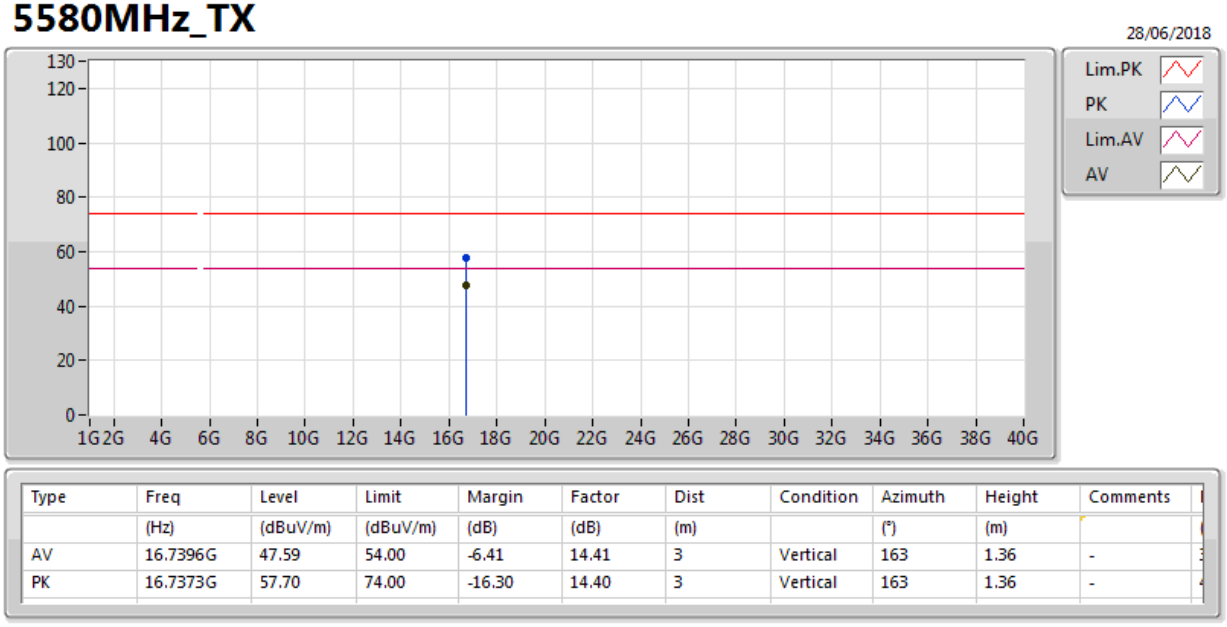
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4402G	42.87	54.00	-11.13	3.07	3	Horizontal	15	1.03	-
AV	5.583G	99.77	Inf	-Inf	3.31	3	Horizontal	15	1.03	-
PK	5.4474G	54.47	74.00	-19.53	3.08	3	Horizontal	15	1.03	-
PK	5.4654G	54.31	68.20	-13.89	3.11	3	Horizontal	15	1.03	-
PK	5.5824G	109.42	Inf	-Inf	3.30	3	Horizontal	15	1.03	-
PK	5.7288G	54.70	68.20	-13.50	3.59	3	Horizontal	15	1.03	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

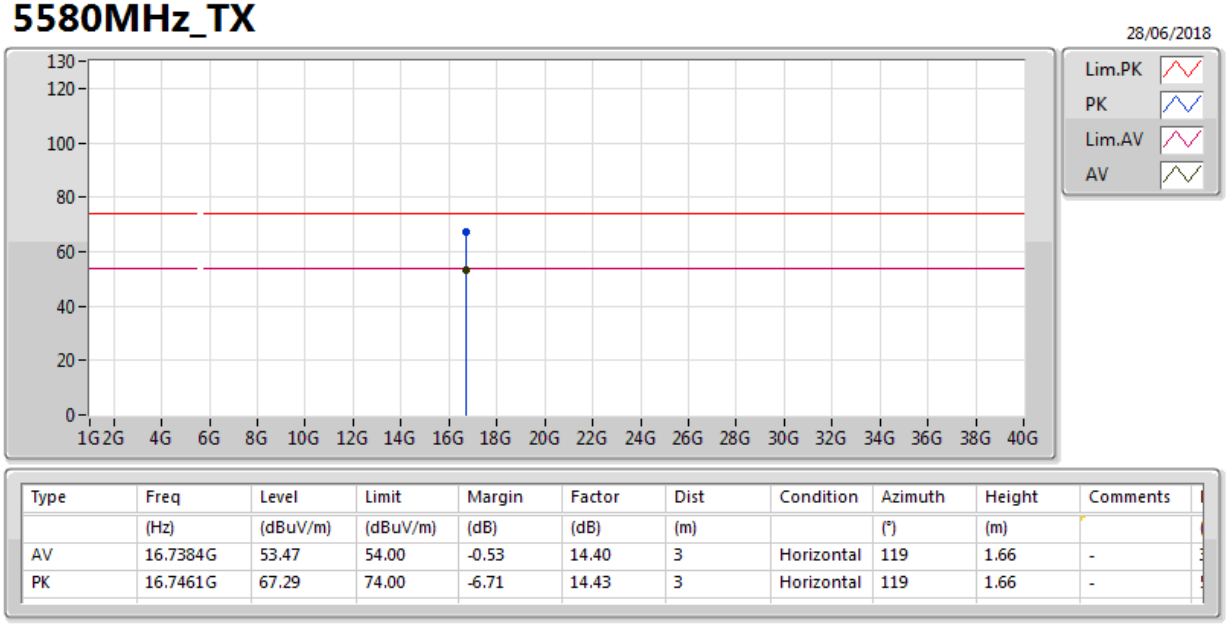
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.7396G	47.59	54.00	-6.41	14.41	3	Vertical	163	1.36	-
PK	16.7373G	57.70	74.00	-16.30	14.40	3	Vertical	163	1.36	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

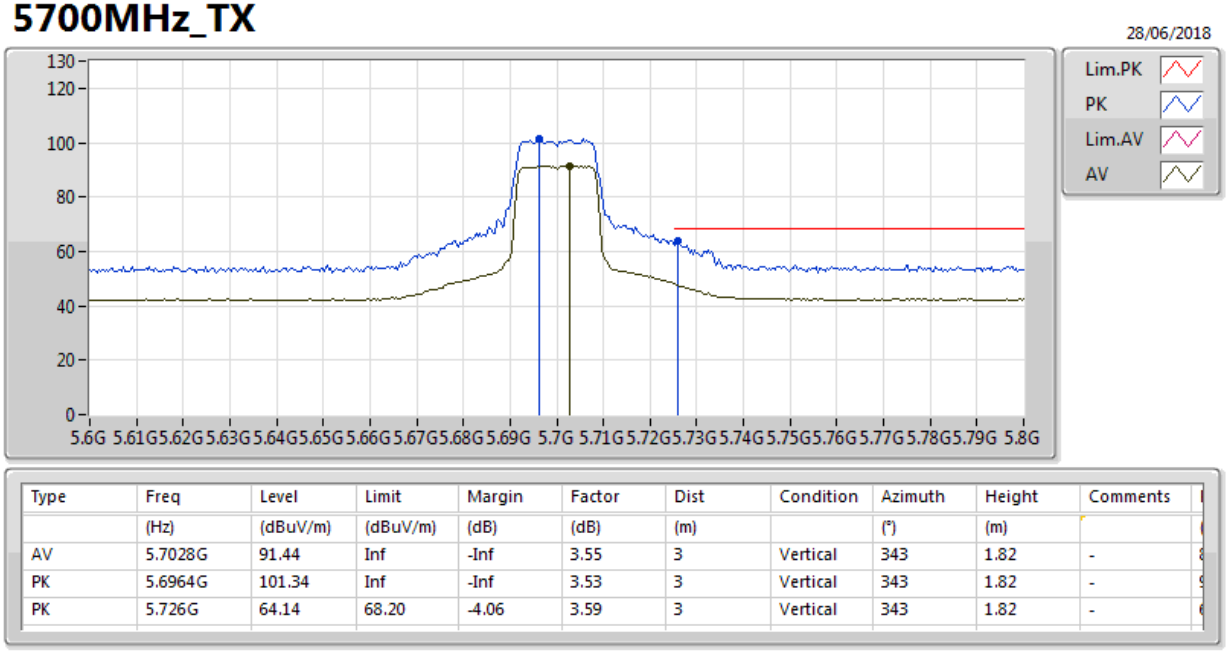
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.7384G	53.47	54.00	-0.53	14.40	3	Horizontal	119	1.66	-
PK	16.7461G	67.29	74.00	-6.71	14.43	3	Horizontal	119	1.66	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

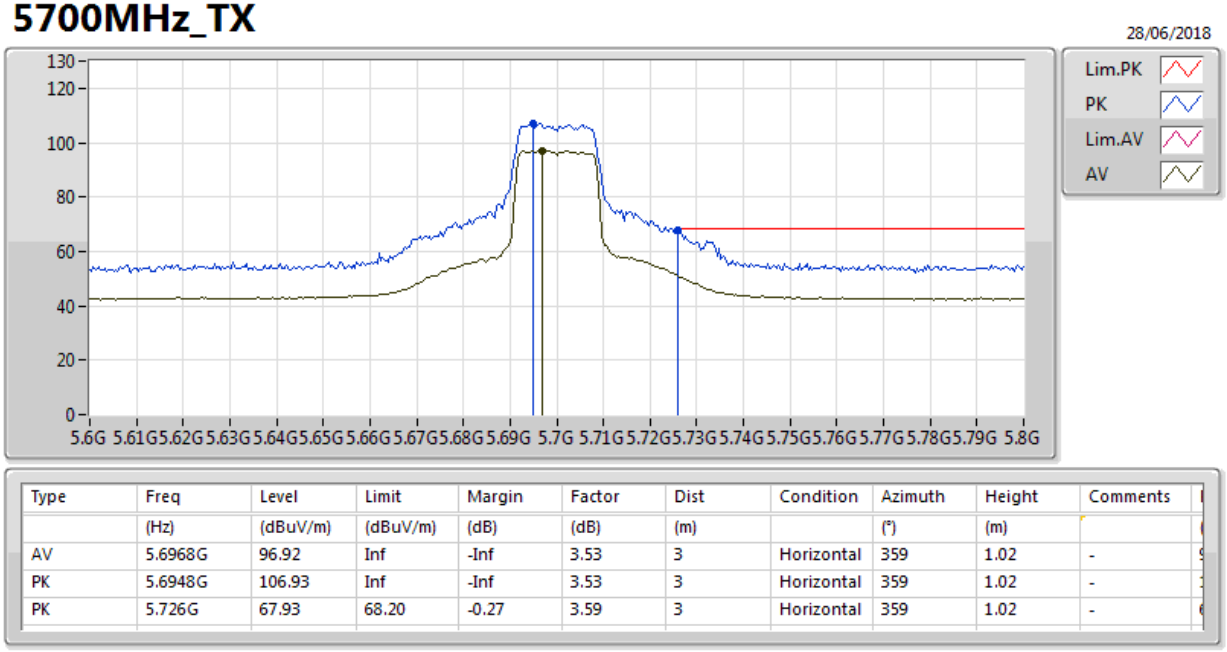
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7028G	91.44	Inf	-Inf	3.55	3	Vertical	343	1.82	-
PK	5.6964G	101.34	Inf	-Inf	3.53	3	Vertical	343	1.82	-
PK	5.726G	64.14	68.20	-4.06	3.59	3	Vertical	343	1.82	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

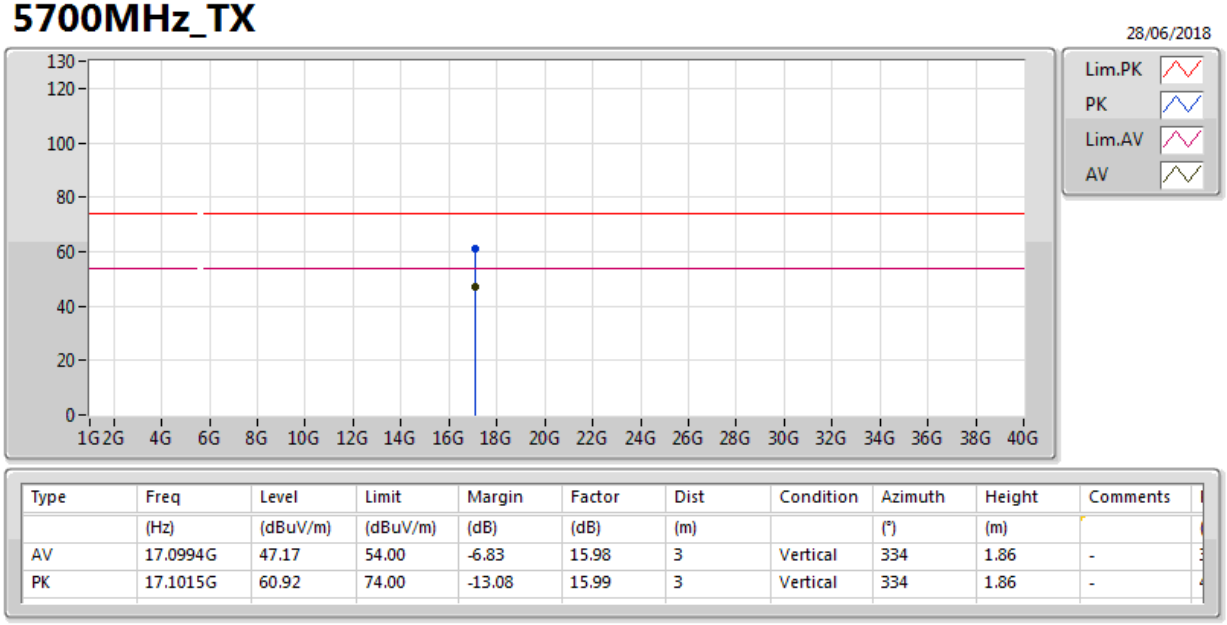
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6968G	96.92	Inf	-Inf	3.53	3	Horizontal	359	1.02	-
PK	5.6948G	106.93	Inf	-Inf	3.53	3	Horizontal	359	1.02	-
PK	5.726G	67.93	68.20	-0.27	3.59	3	Horizontal	359	1.02	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

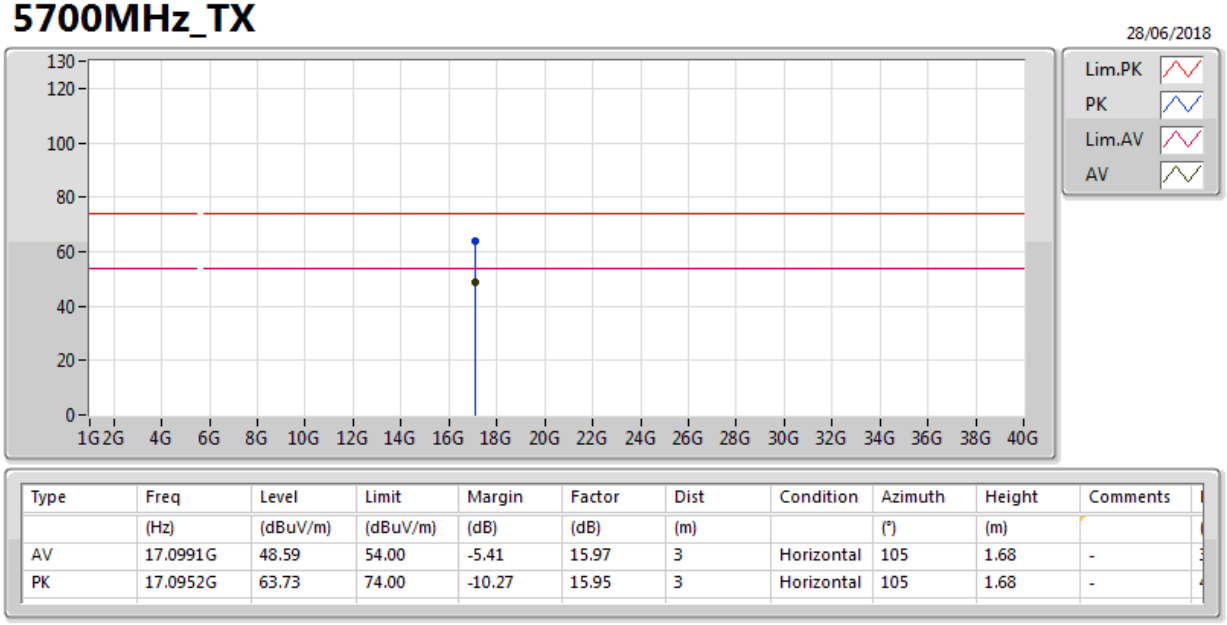
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0994G	47.17	54.00	-6.83	15.98	3	Vertical	334	1.86	-
PK	17.1015G	60.92	74.00	-13.08	15.99	3	Vertical	334	1.86	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

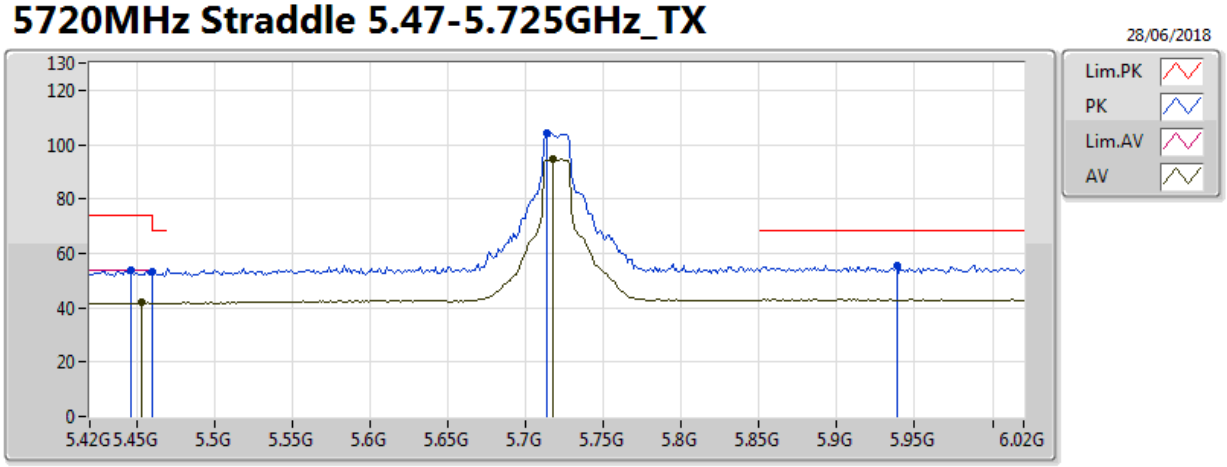
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0991G	48.59	54.00	-5.41	15.97	3	Horizontal	105	1.68	-
PK	17.0952G	63.73	74.00	-10.27	15.95	3	Horizontal	105	1.68	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

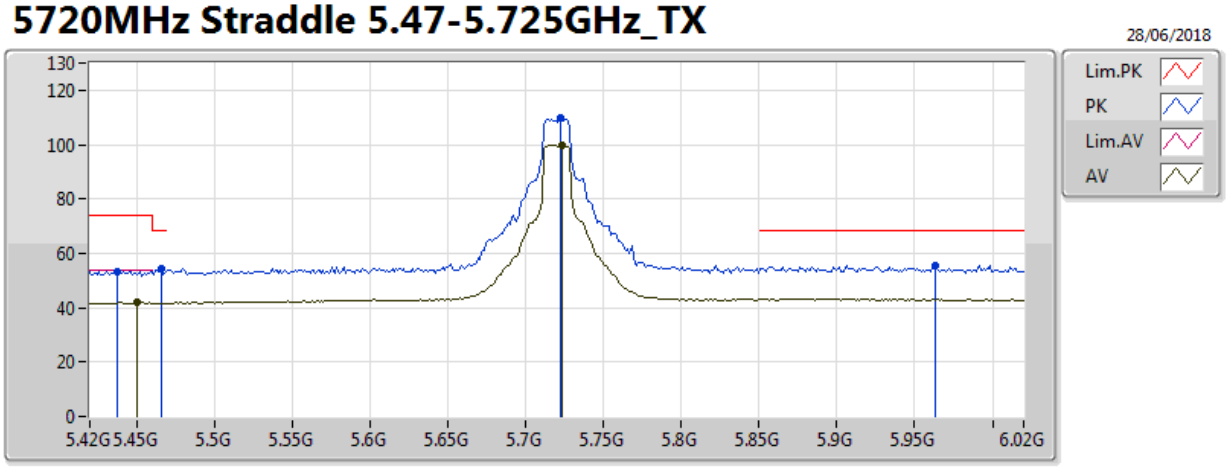
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4536G	41.85	54.00	-12.15	3.09	3	Vertical	338	1.91	-
AV	5.7176G	94.65	Inf	-Inf	3.57	3	Vertical	338	1.91	-
PK	5.4464G	54.02	74.00	-19.98	3.08	3	Vertical	338	1.91	-
PK	5.460005G	53.16	68.20	-15.04	3.10	3	Vertical	338	1.91	-
PK	5.714G	104.22	Inf	-Inf	3.57	3	Vertical	338	1.91	-
PK	5.9384G	55.53	68.20	-12.67	4.01	3	Vertical	338	1.91	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

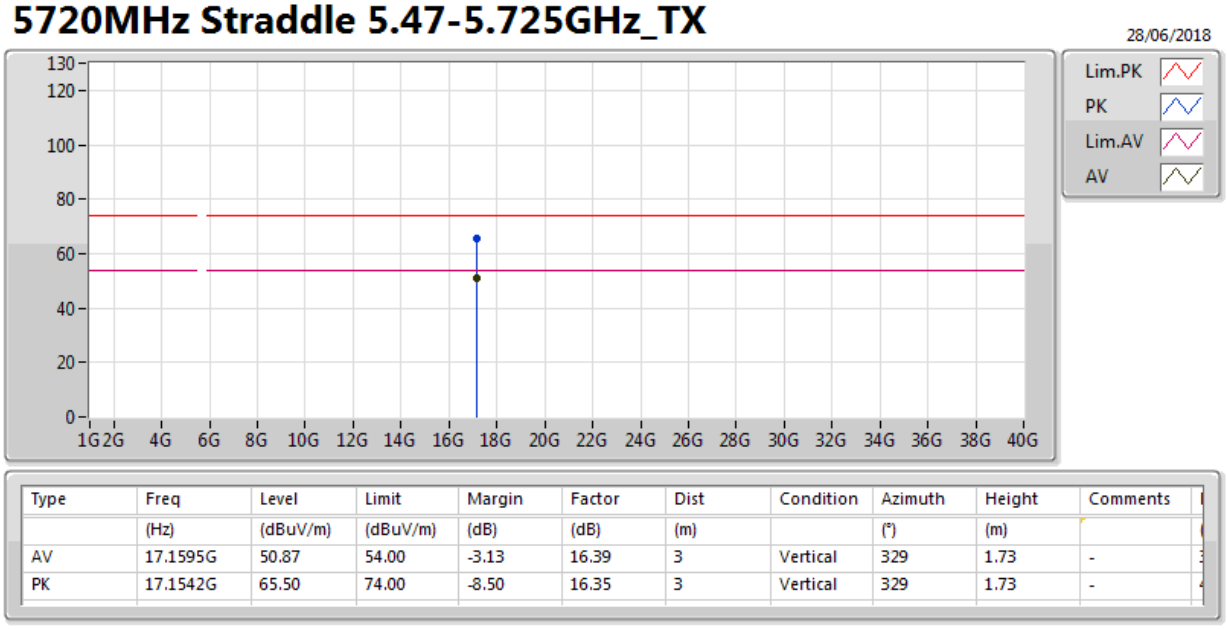
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.45G	41.95	54.00	-12.05	3.08	3	Horizontal	46	1.00	-
AV	5.7236G	99.99	Inf	-Inf	3.58	3	Horizontal	46	1.00	-
PK	5.438G	53.41	74.00	-20.59	3.07	3	Horizontal	46	1.00	-
PK	5.4656G	54.32	68.20	-13.88	3.11	3	Horizontal	46	1.00	-
PK	5.7224G	109.60	Inf	-Inf	3.58	3	Horizontal	46	1.00	-
PK	5.9636G	55.67	68.20	-12.53	4.05	3	Horizontal	46	1.00	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

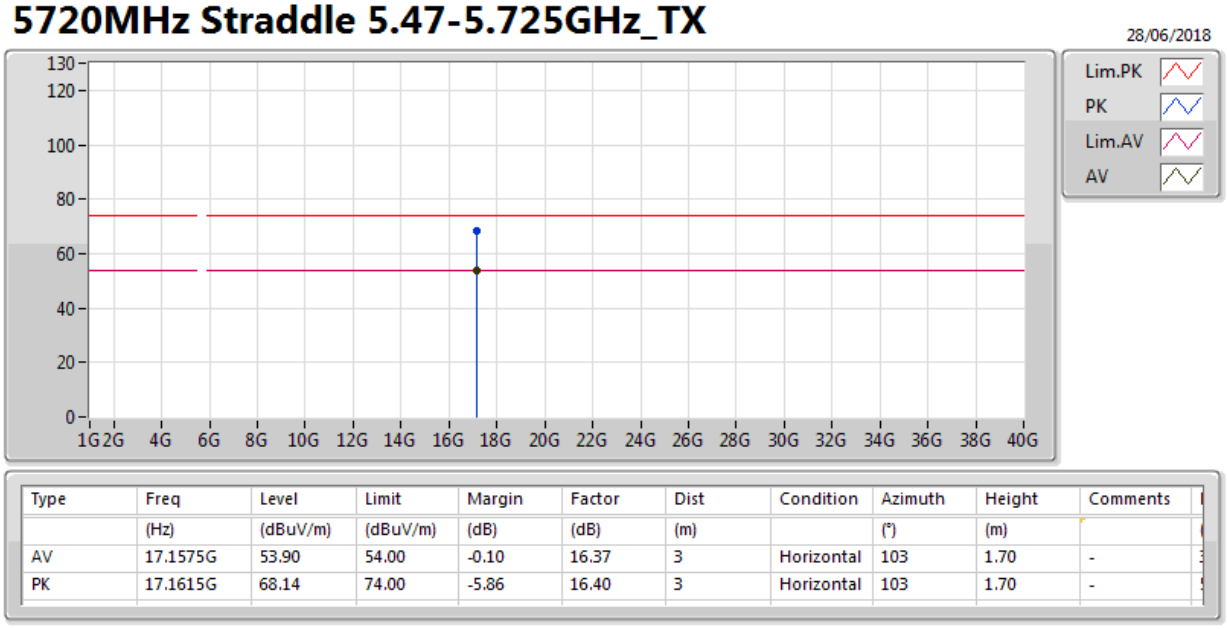
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1595G	50.87	54.00	-3.13	16.39	3	Vertical	329	1.73	-
PK	17.1542G	65.50	74.00	-8.50	16.35	3	Vertical	329	1.73	-

802.11a_Nss1,(6Mbps)_1TX(Port2)

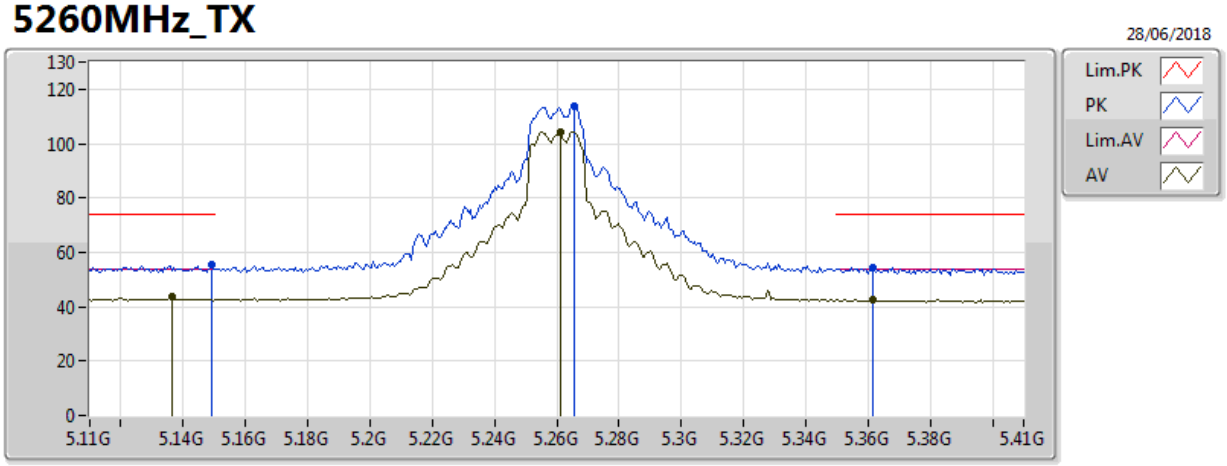
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1575G	53.90	54.00	-0.10	16.37	3	Horizontal	103	1.70	-
PK	17.1615G	68.14	74.00	-5.86	16.40	3	Horizontal	103	1.70	-

802.11a_Nss1,(6Mbps)_2TX

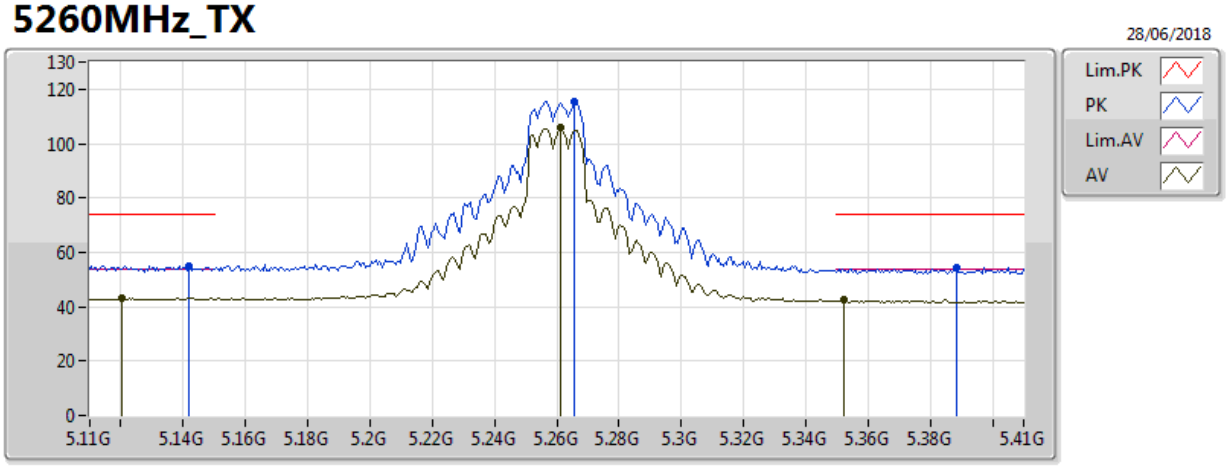
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1364G	43.61	54.00	-10.39	2.73	3	Vertical	343	2.05	-
AV	5.2612G	104.13	Inf	-Inf	2.87	3	Vertical	343	2.05	-
AV	5.3614G	42.45	54.00	-11.55	2.98	3	Vertical	343	2.05	-
PK	5.149G	55.24	74.00	-18.76	2.74	3	Vertical	343	2.05	-
PK	5.2654G	113.54	Inf	-Inf	2.87	3	Vertical	343	2.05	-
PK	5.3614G	54.26	74.00	-19.74	2.98	3	Vertical	343	2.05	-

802.11a_Nss1,(6Mbps)_2TX

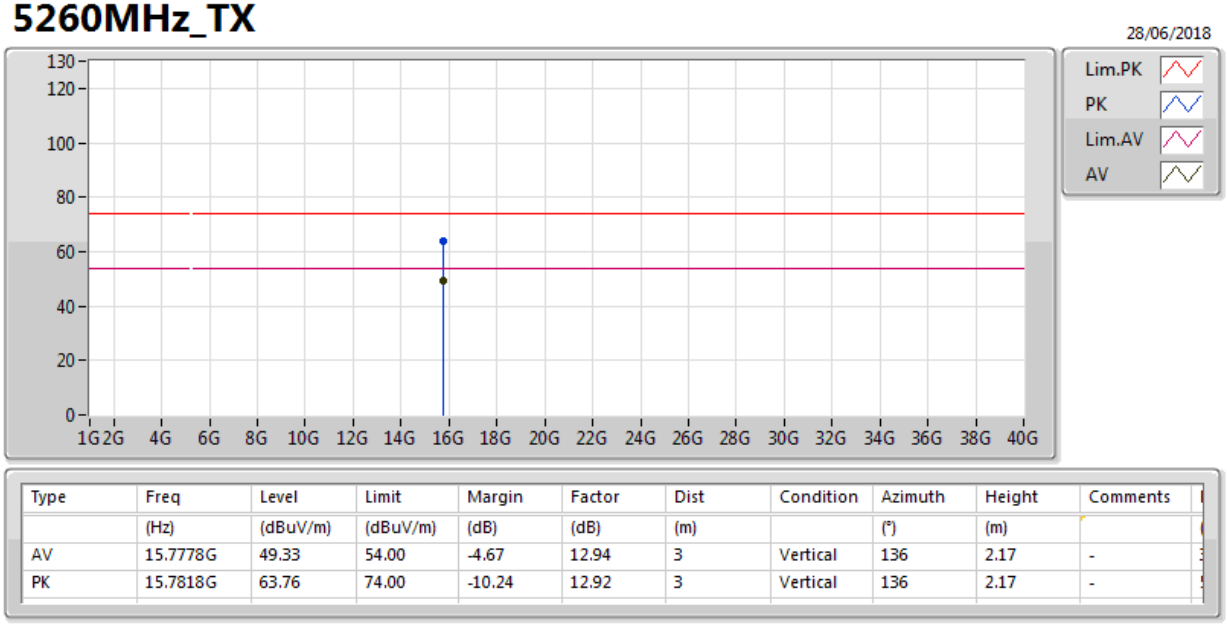
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1202G	43.39	54.00	-10.61	2.70	3	Horizontal	41	2.09	-
AV	5.2612G	105.66	Inf	-Inf	2.87	3	Horizontal	41	2.09	-
AV	5.3524G	42.38	54.00	-11.62	2.97	3	Horizontal	41	2.09	-
PK	5.1418G	55.13	74.00	-18.87	2.74	3	Horizontal	41	2.09	-
PK	5.2654G	115.43	Inf	-Inf	2.87	3	Horizontal	41	2.09	-
PK	5.3884G	54.28	74.00	-19.72	3.01	3	Horizontal	41	2.09	-

802.11a_Nss1,(6Mbps)_2TX

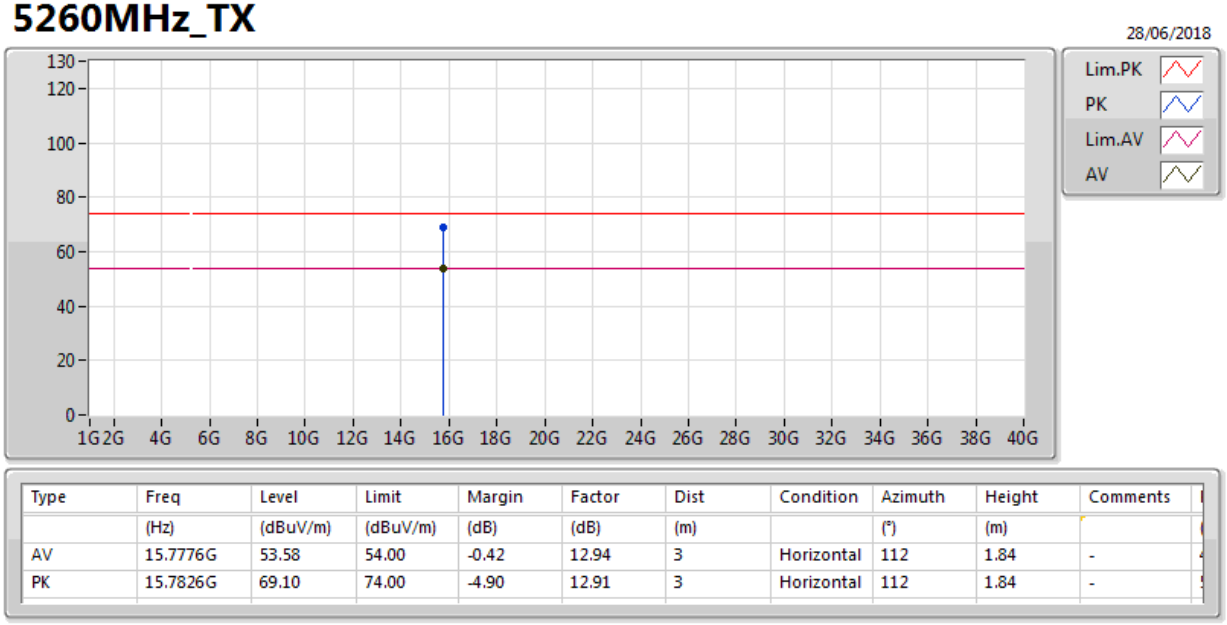
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7778G	49.33	54.00	-4.67	12.94	3	Vertical	136	2.17	-
PK	15.7818G	63.76	74.00	-10.24	12.92	3	Vertical	136	2.17	-

802.11a_Nss1,(6Mbps)_2TX

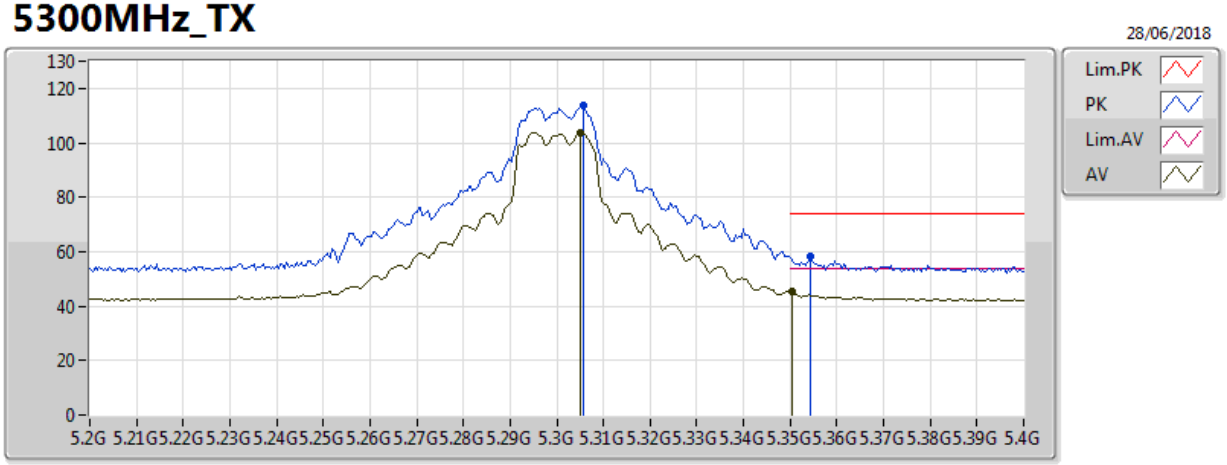
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7776G	53.58	54.00	-0.42	12.94	3	Horizontal	112	1.84	-
PK	15.7826G	69.10	74.00	-4.90	12.91	3	Horizontal	112	1.84	-

802.11a_Nss1,(6Mbps)_2TX

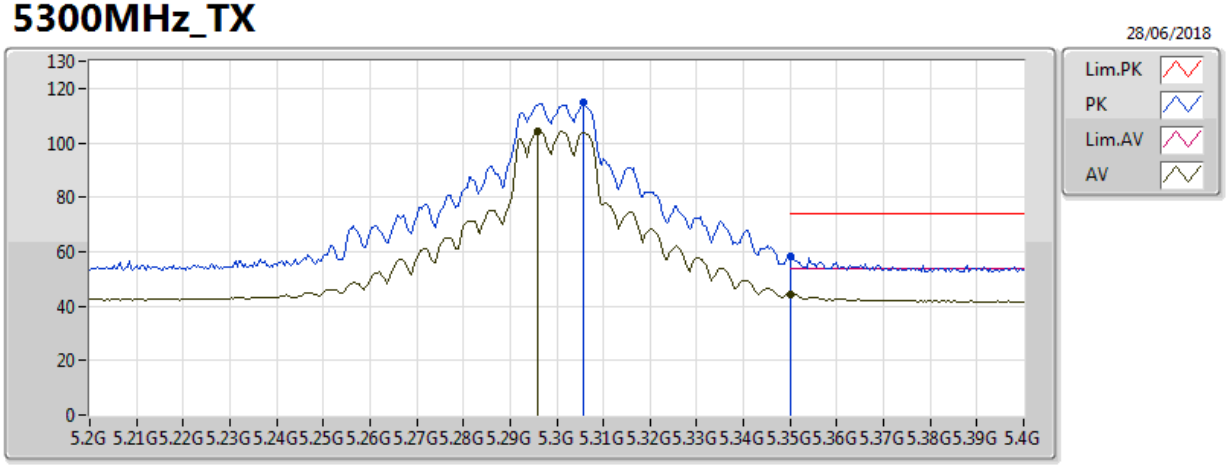
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3052G	103.85	Inf	-Inf	2.92	3	Vertical	341	1.81	-
AV	5.3504G	45.21	54.00	-8.79	2.97	3	Vertical	341	1.81	-
PK	5.3056G	113.49	Inf	-Inf	2.92	3	Vertical	341	1.81	-
PK	5.3544G	58.20	74.00	-15.80	2.97	3	Vertical	341	1.81	-

802.11a_Nss1,(6Mbps)_2TX

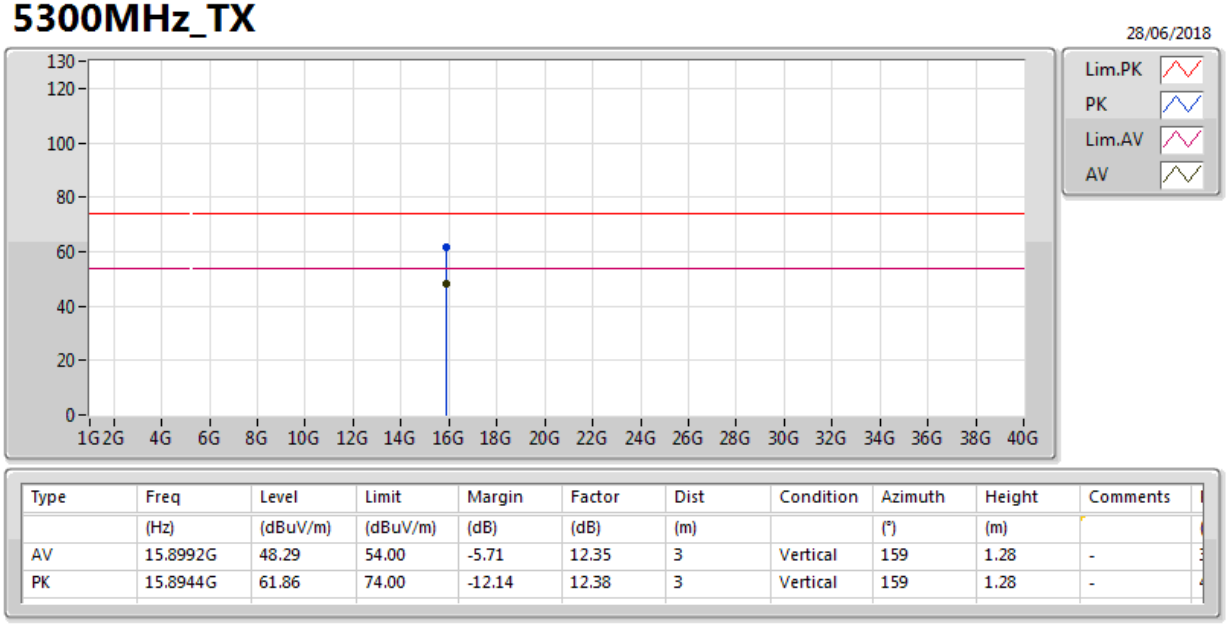
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.296G	104.16	Inf	-Inf	2.91	3	Horizontal	39	2.09	-
AV	5.350005G	44.50	54.00	-9.50	2.97	3	Horizontal	39	2.09	-
PK	5.3056G	114.72	Inf	-Inf	2.92	3	Horizontal	39	2.09	-
PK	5.350005G	58.23	74.00	-15.77	2.97	3	Horizontal	39	2.09	-

802.11a_Nss1,(6Mbps)_2TX

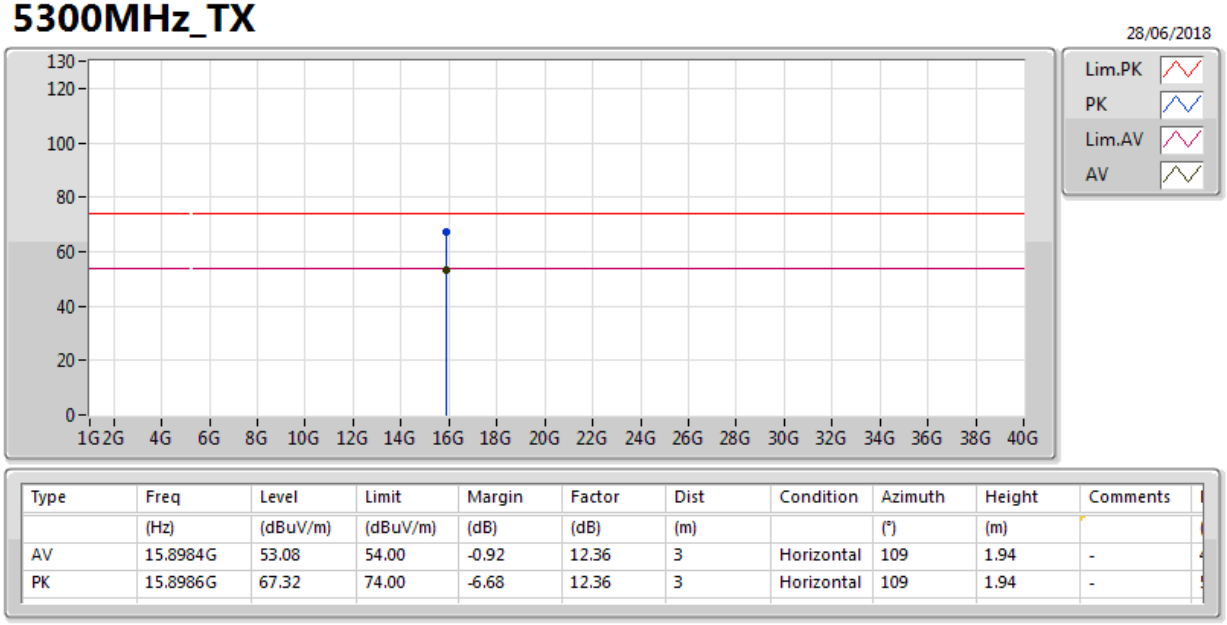
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8992G	48.29	54.00	-5.71	12.35	3	Vertical	159	1.28	-
PK	15.8944G	61.86	74.00	-12.14	12.38	3	Vertical	159	1.28	-

802.11a_Nss1,(6Mbps)_2TX

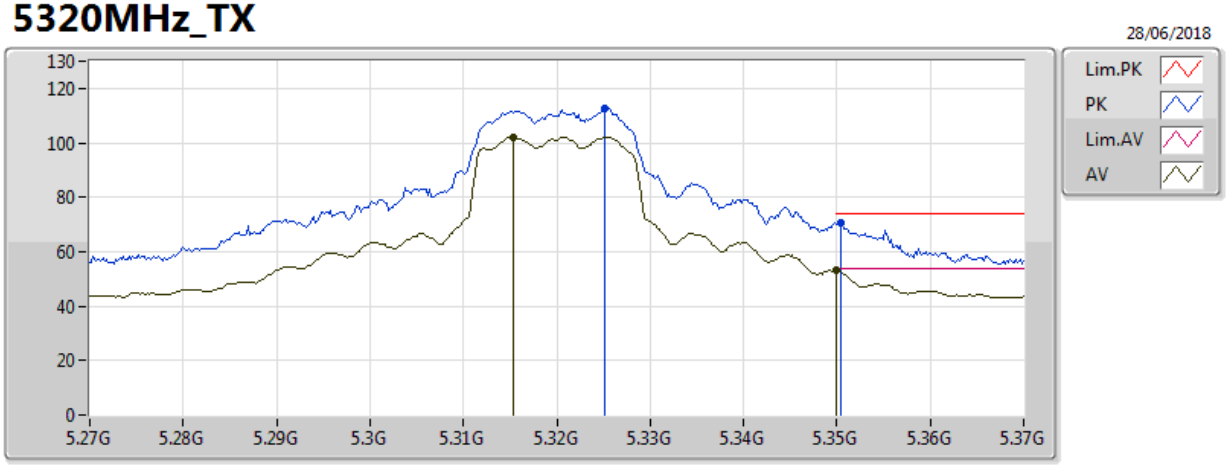
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8984G	53.08	54.00	-0.92	12.36	3	Horizontal	109	1.94	-
PK	15.8986G	67.32	74.00	-6.68	12.36	3	Horizontal	109	1.94	-

802.11a_Nss1,(6Mbps)_2TX

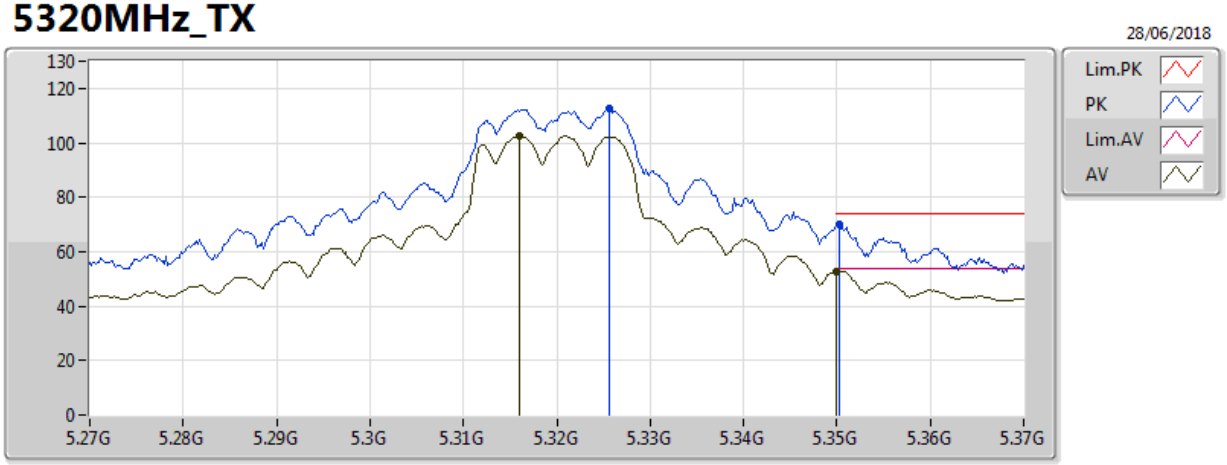
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3154G	102.04	Inf	-Inf	2.93	3	Vertical	342	1.91	-
AV	5.350005G	53.19	54.00	-0.81	2.97	3	Vertical	342	1.91	-
PK	5.3252G	112.41	Inf	-Inf	2.94	3	Vertical	342	1.91	-
PK	5.3504G	70.50	74.00	-3.50	2.97	3	Vertical	342	1.91	-

802.11a_Nss1,(6Mbps)_2TX

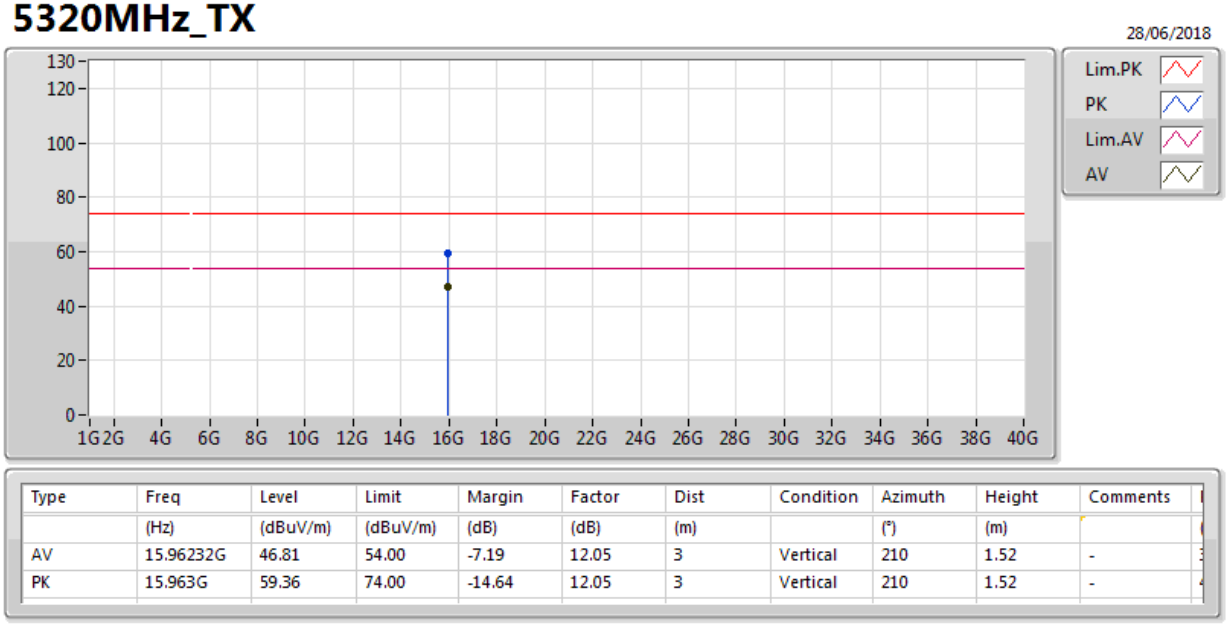
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.316G	102.62	Inf	-Inf	2.93	3	Horizontal	254	1.23	-
AV	5.350005G	52.91	54.00	-1.09	2.97	3	Horizontal	254	1.23	-
PK	5.3256G	112.90	Inf	-Inf	2.94	3	Horizontal	254	1.23	-
PK	5.3502G	69.89	74.00	-4.11	2.97	3	Horizontal	254	1.23	-

802.11a_Nss1,(6Mbps)_2TX

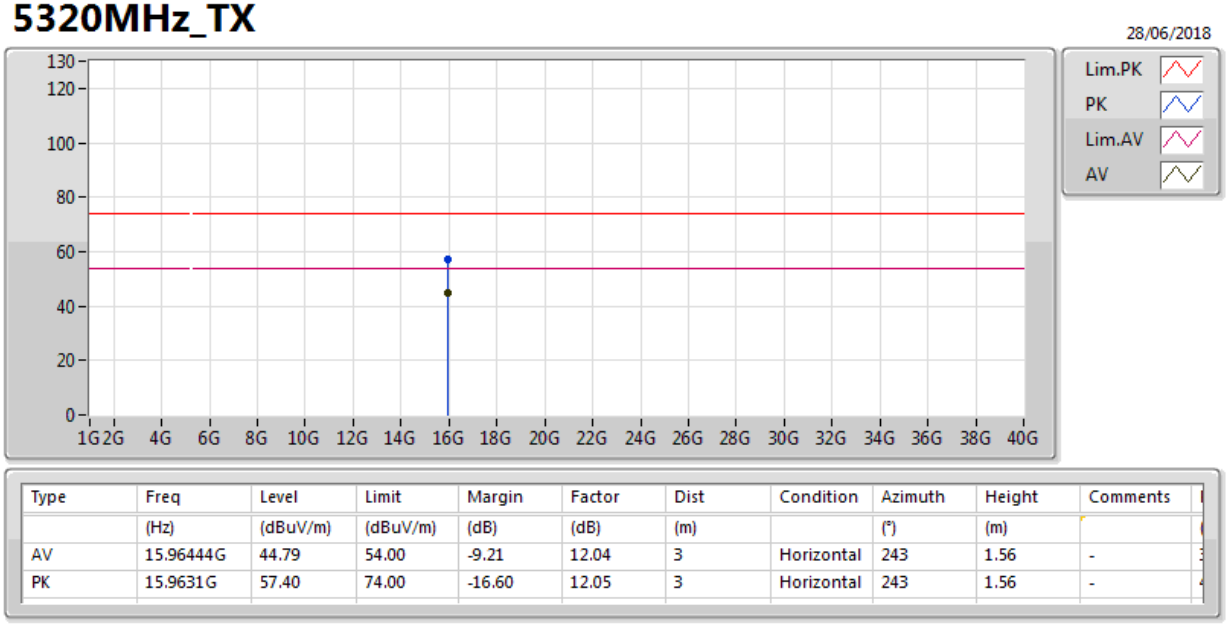
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.96232G	46.81	54.00	-7.19	12.05	3	Vertical	210	1.52	-
PK	15.963G	59.36	74.00	-14.64	12.05	3	Vertical	210	1.52	-

802.11a_Nss1,(6Mbps)_2TX

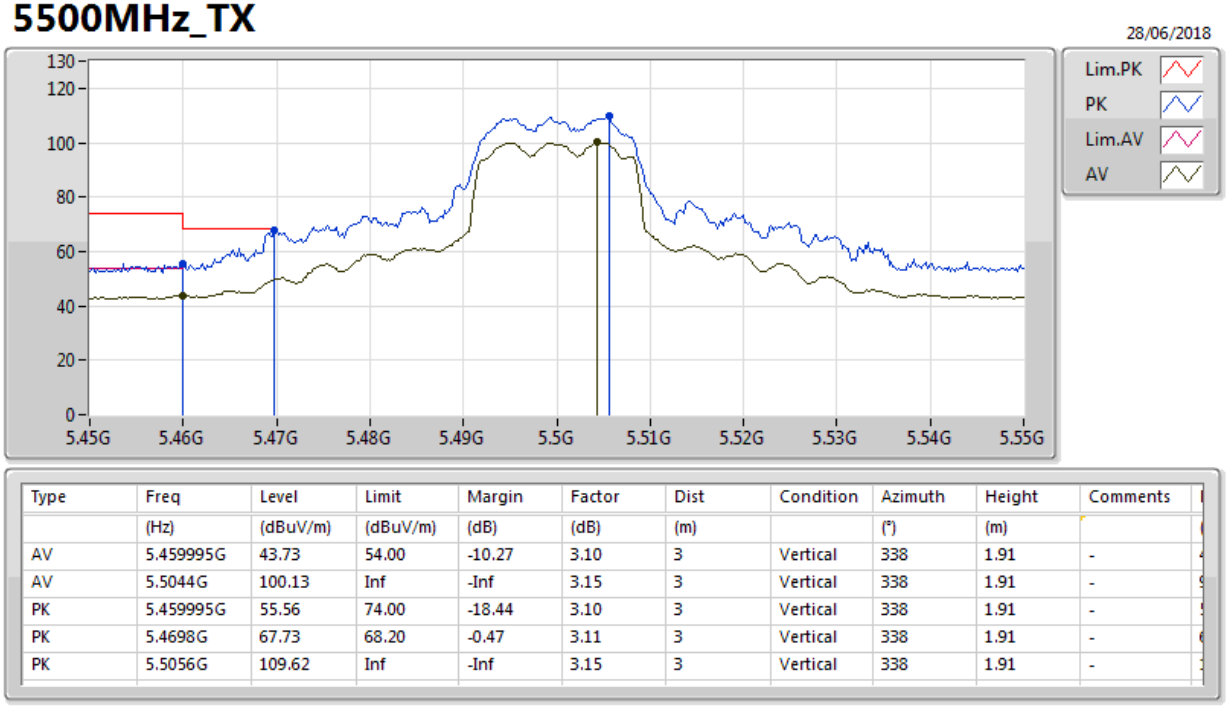
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.96444G	44.79	54.00	-9.21	12.04	3	Horizontal	243	1.56	-
PK	15.9631G	57.40	74.00	-16.60	12.05	3	Horizontal	243	1.56	-

802.11a_Nss1,(6Mbps)_2TX

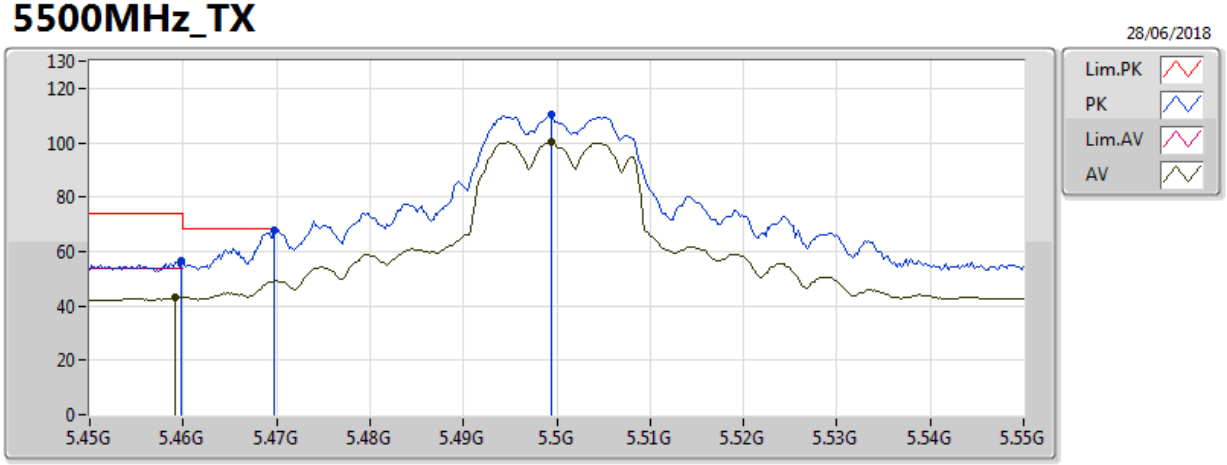
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	43.73	54.00	-10.27	3.10	3	Vertical	338	1.91	-
AV	5.5044G	100.13	Inf	-Inf	3.15	3	Vertical	338	1.91	-
PK	5.459995G	55.56	74.00	-18.44	3.10	3	Vertical	338	1.91	-
PK	5.4698G	67.73	68.20	-0.47	3.11	3	Vertical	338	1.91	-
PK	5.5056G	109.62	Inf	-Inf	3.15	3	Vertical	338	1.91	-

802.11a_Nss1,(6Mbps)_2TX

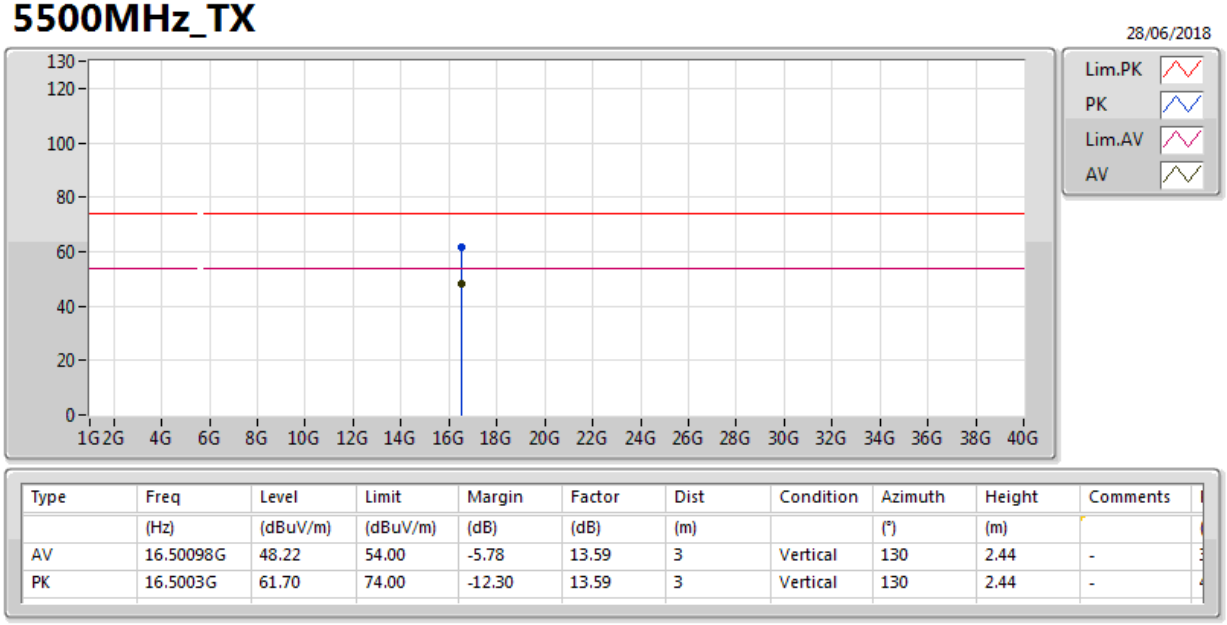
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4592G	43.16	54.00	-10.84	3.10	3	Horizontal	52	1.97	-
AV	5.4994G	100.04	Inf	-Inf	3.14	3	Horizontal	52	1.97	-
PK	5.4598G	56.47	74.00	-17.53	3.10	3	Horizontal	52	1.97	-
PK	5.4698G	67.81	68.20	-0.39	3.11	3	Horizontal	52	1.97	-
PK	5.4994G	110.17	Inf	-Inf	3.14	3	Horizontal	52	1.97	-

802.11a_Nss1,(6Mbps)_2TX

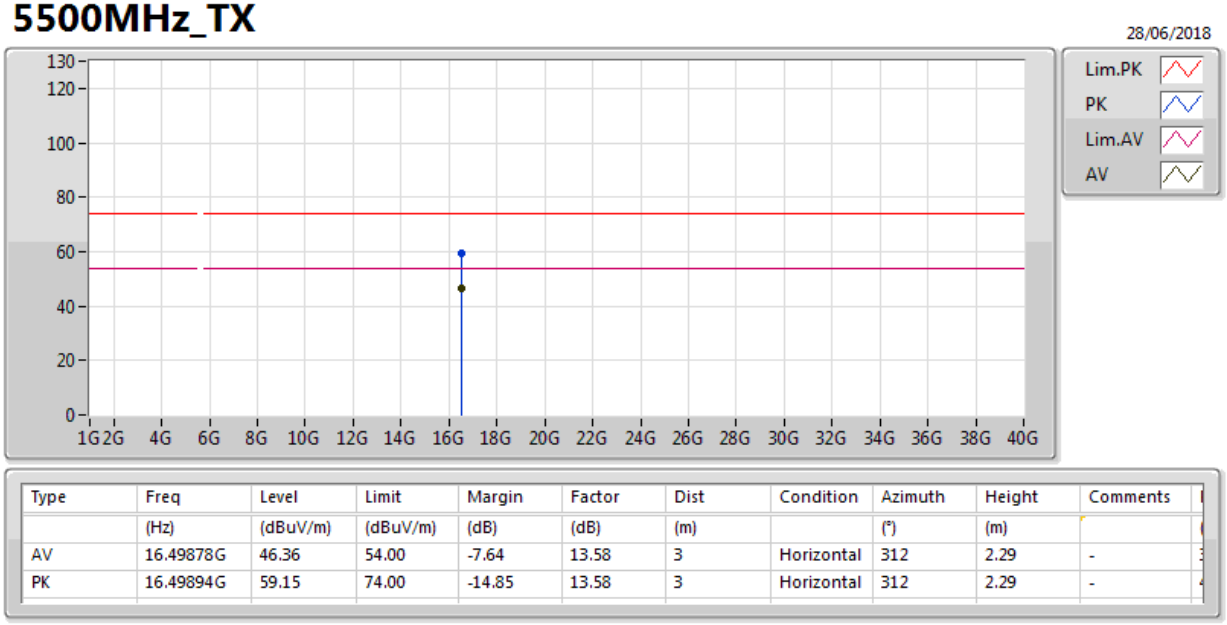
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.50098G	48.22	54.00	-5.78	13.59	3	Vertical	130	2.44	-
PK	16.5003G	61.70	74.00	-12.30	13.59	3	Vertical	130	2.44	-

802.11a_Nss1,(6Mbps)_2TX

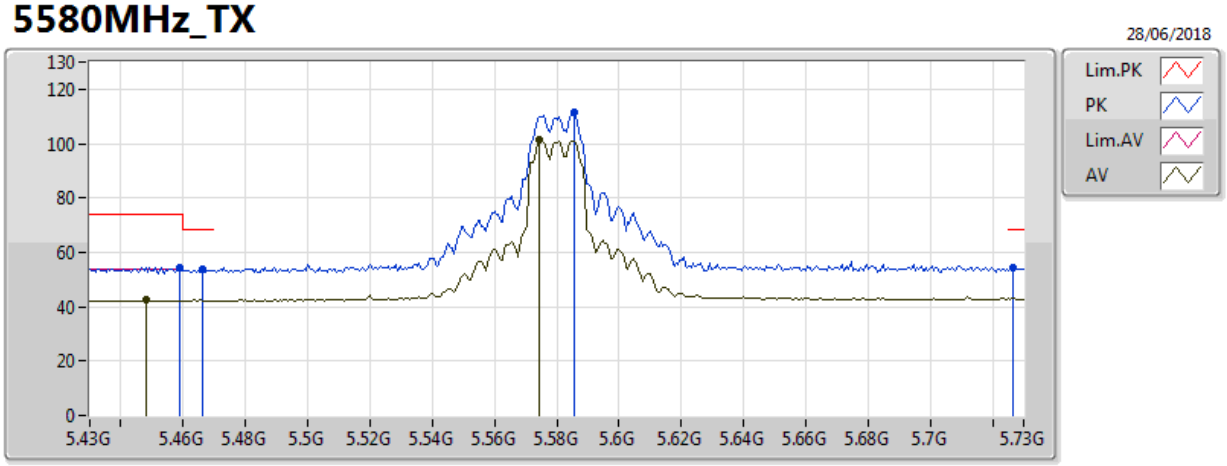
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.49878G	46.36	54.00	-7.64	13.58	3	Horizontal	312	2.29	-
PK	16.49894G	59.15	74.00	-14.85	13.58	3	Horizontal	312	2.29	-

802.11a_Nss1,(6Mbps)_2TX

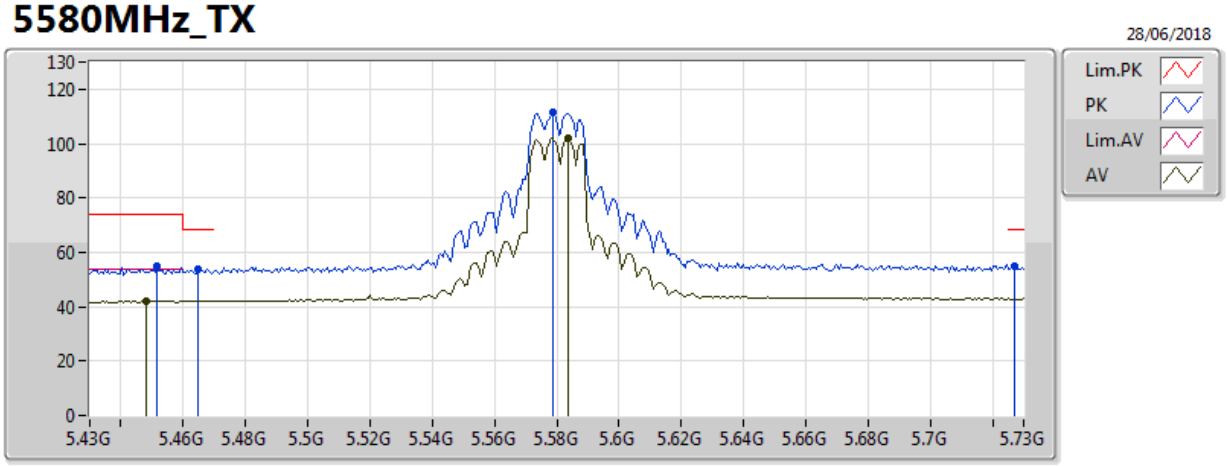
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.448G	42.40	54.00	-11.60	3.08	3	Vertical	332	1.88	-
AV	5.5746G	101.15	Inf	-Inf	3.29	3	Vertical	332	1.88	-
PK	5.4588G	54.58	74.00	-19.42	3.10	3	Vertical	332	1.88	-
PK	5.466G	53.89	68.20	-14.31	3.11	3	Vertical	332	1.88	-
PK	5.5854G	111.35	Inf	-Inf	3.31	3	Vertical	332	1.88	-
PK	5.7264G	54.37	68.20	-13.83	3.59	3	Vertical	332	1.88	-

802.11a_Nss1,(6Mbps)_2TX

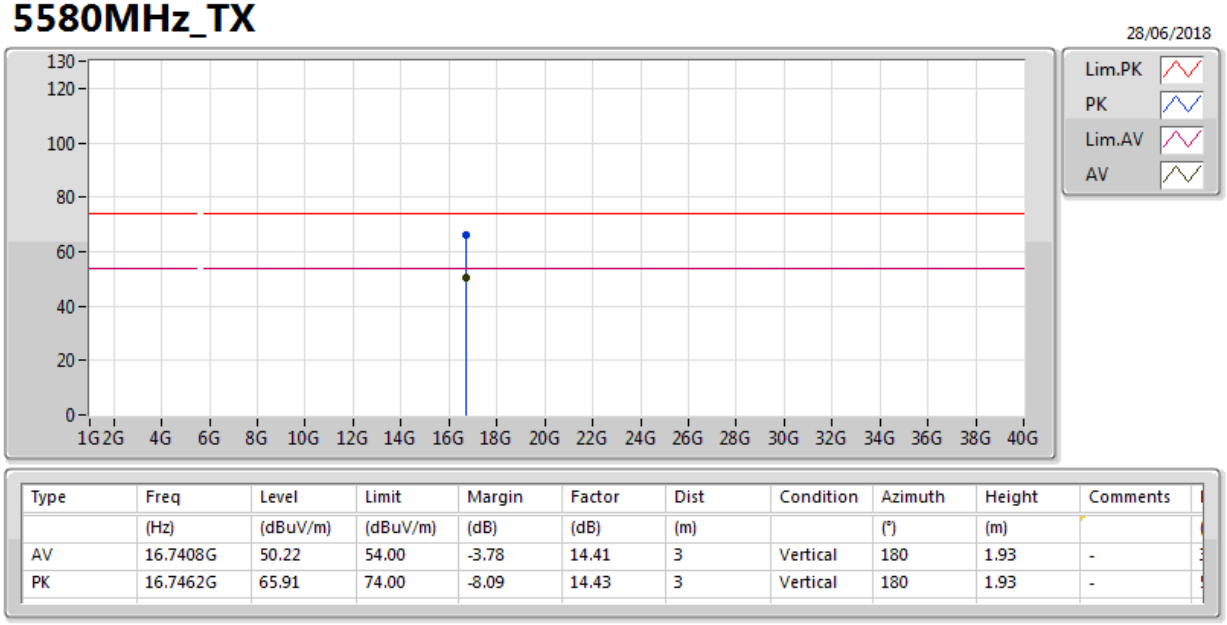
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.448G	42.14	54.00	-11.86	3.08	3	Horizontal	48	1.02	-
AV	5.5836G	101.93	Inf	-Inf	3.31	3	Horizontal	48	1.02	-
PK	5.4516G	54.64	74.00	-19.36	3.09	3	Horizontal	48	1.02	-
PK	5.4648G	53.53	68.20	-14.67	3.11	3	Horizontal	48	1.02	-
PK	5.5788G	111.47	Inf	-Inf	3.30	3	Horizontal	48	1.02	-
PK	5.727G	55.07	68.20	-13.13	3.59	3	Horizontal	48	1.02	-

802.11a_Nss1,(6Mbps)_2TX

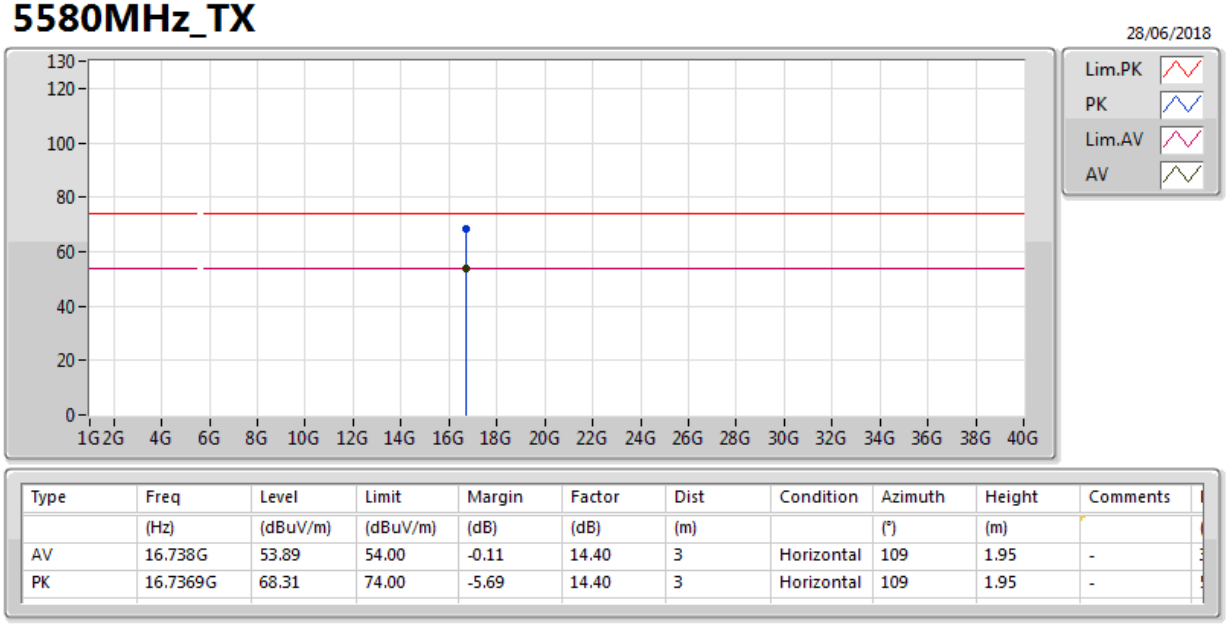
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.7408G	50.22	54.00	-3.78	14.41	3	Vertical	180	1.93	-
PK	16.7462G	65.91	74.00	-8.09	14.43	3	Vertical	180	1.93	-

802.11a_Nss1,(6Mbps)_2TX

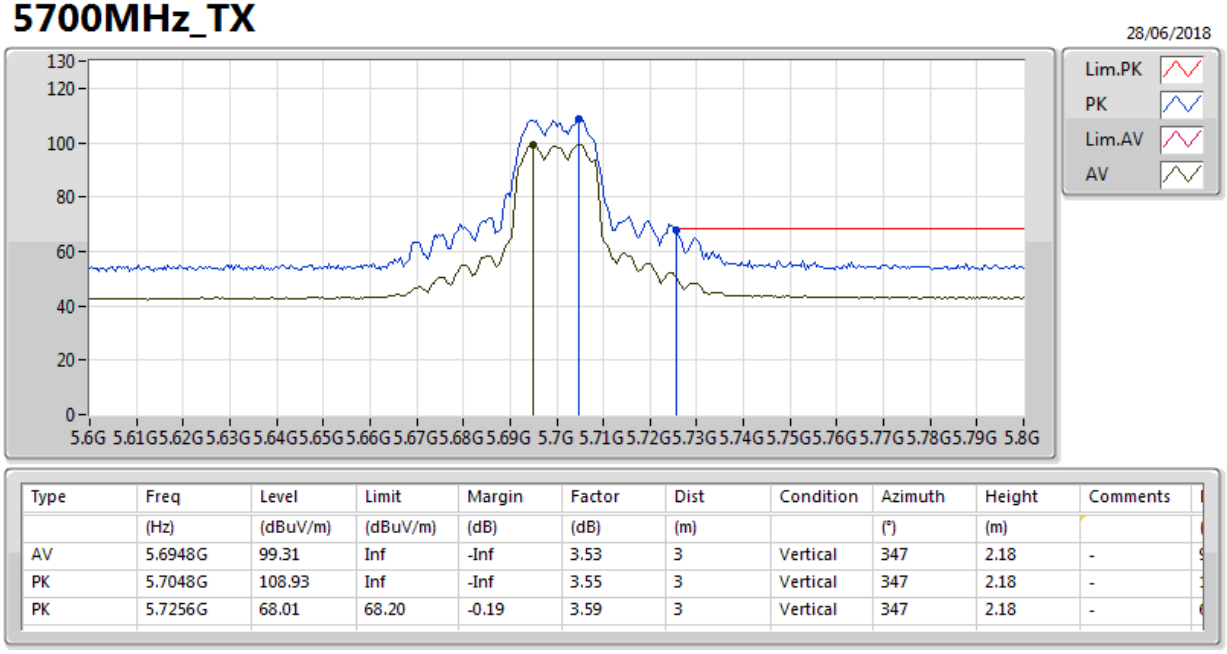
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.738G	53.89	54.00	-0.11	14.40	3	Horizontal	109	1.95	-
PK	16.7369G	68.31	74.00	-5.69	14.40	3	Horizontal	109	1.95	-

802.11a_Nss1,(6Mbps)_2TX

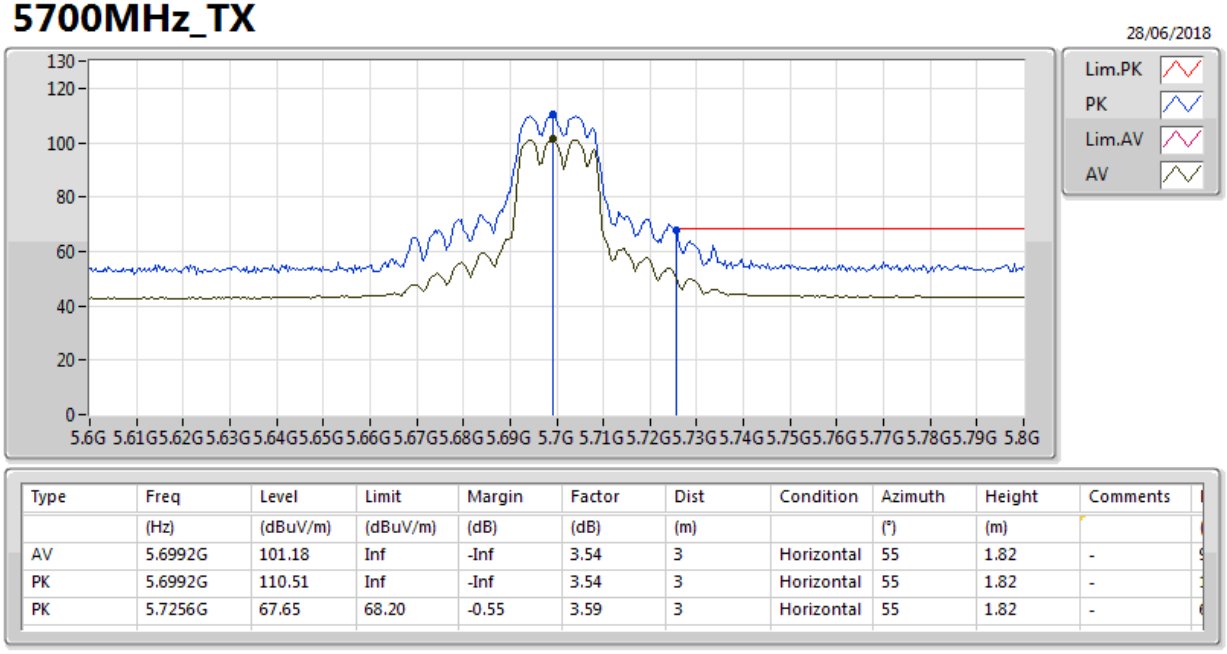
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6948G	99.31	Inf	-Inf	3.53	3	Vertical	347	2.18	-
PK	5.7048G	108.93	Inf	-Inf	3.55	3	Vertical	347	2.18	-
PK	5.7256G	68.01	68.20	-0.19	3.59	3	Vertical	347	2.18	-

802.11a_Nss1,(6Mbps)_2TX

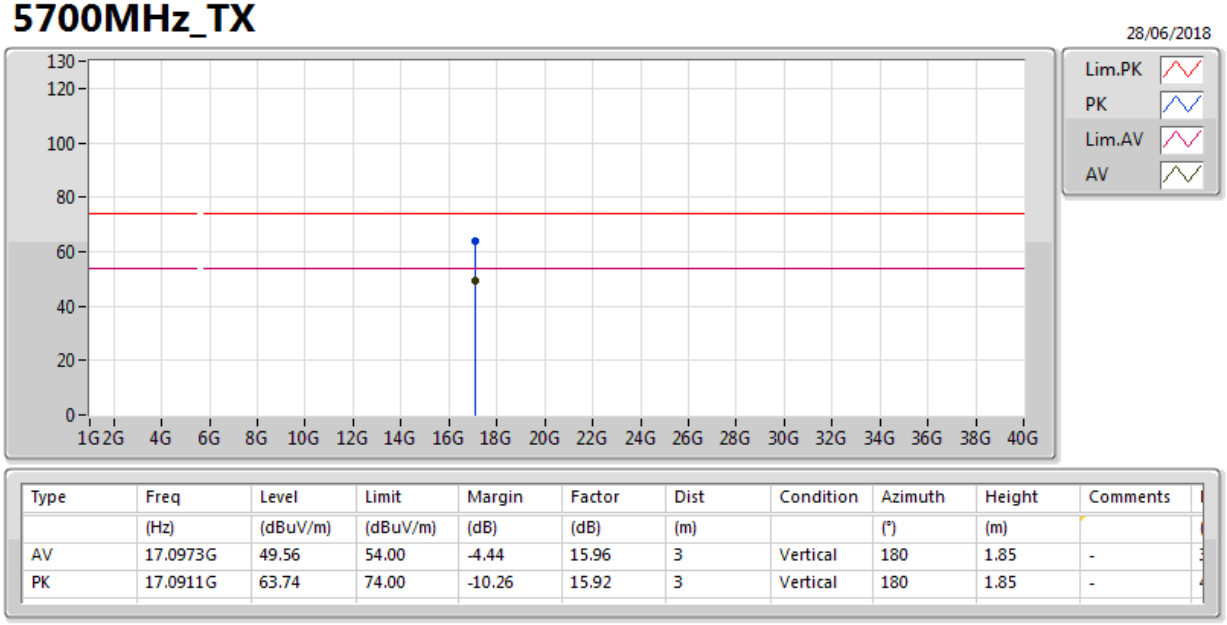
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6992G	101.18	Inf	-Inf	3.54	3	Horizontal	55	1.82	-
PK	5.6992G	110.51	Inf	-Inf	3.54	3	Horizontal	55	1.82	-
PK	5.7256G	67.65	68.20	-0.55	3.59	3	Horizontal	55	1.82	-

802.11a_Nss1,(6Mbps)_2TX

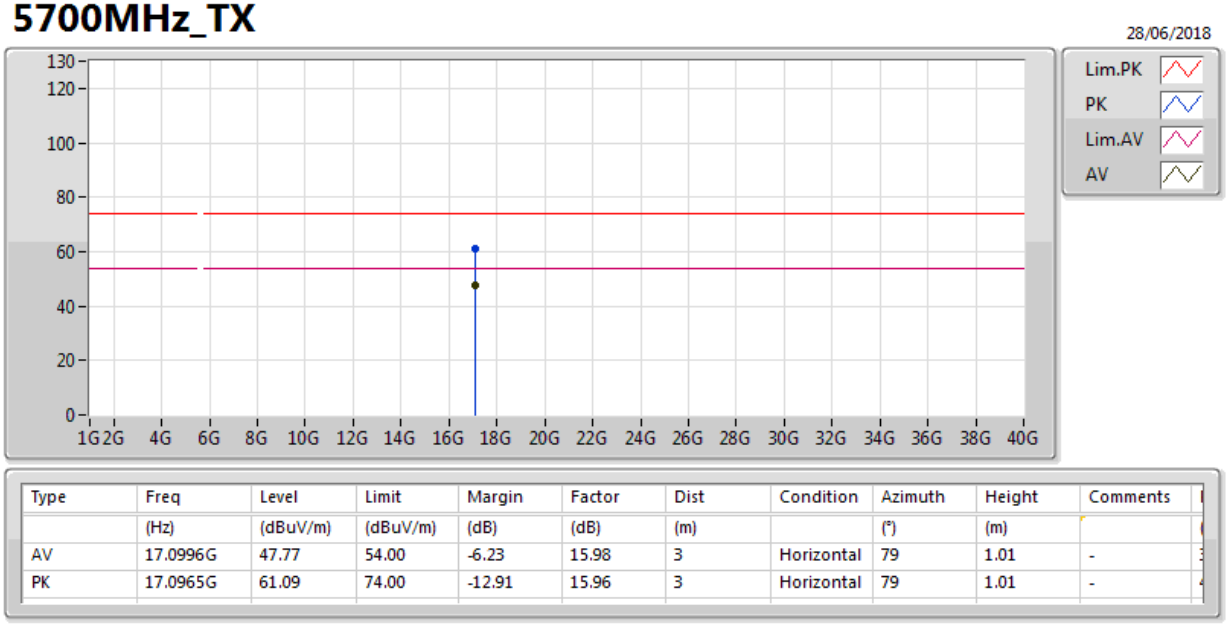
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0973G	49.56	54.00	-4.44	15.96	3	Vertical	180	1.85	-
PK	17.0911G	63.74	74.00	-10.26	15.92	3	Vertical	180	1.85	-

802.11a_Nss1,(6Mbps)_2TX

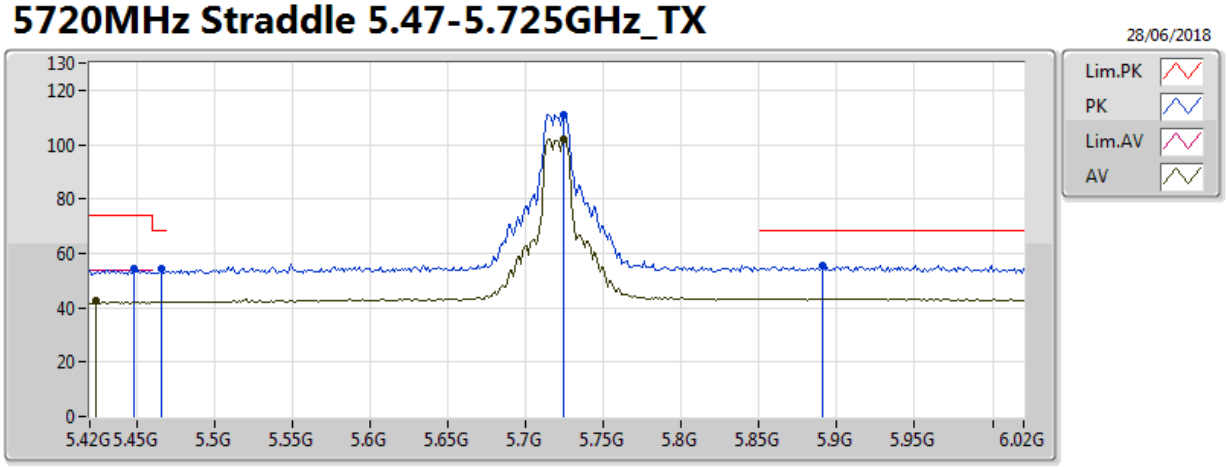
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0996G	47.77	54.00	-6.23	15.98	3	Horizontal	79	1.01	-
PK	17.0965G	61.09	74.00	-12.91	15.96	3	Horizontal	79	1.01	-

802.11a_Nss1,(6Mbps)_2TX

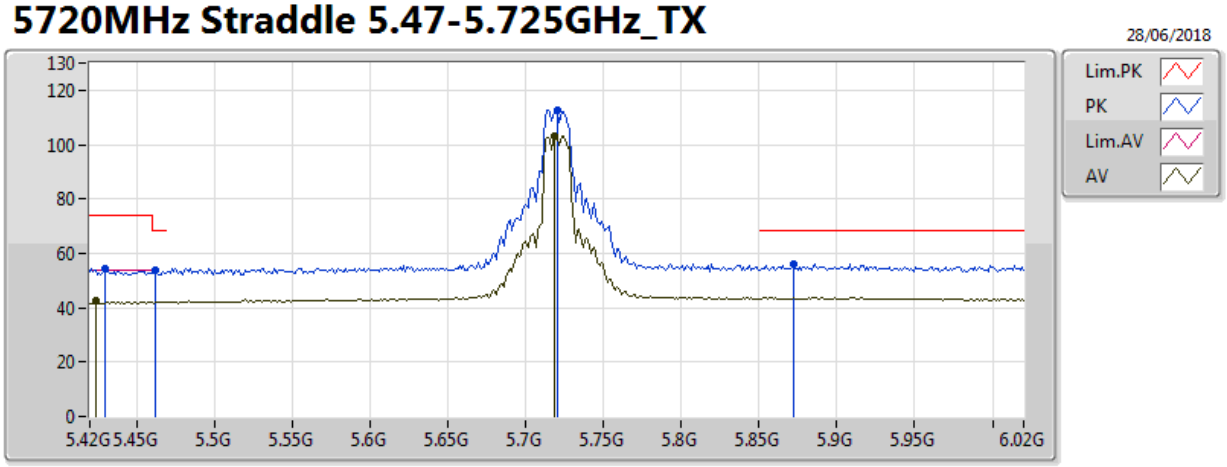
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4236G	42.72	54.00	-11.28	3.06	3	Vertical	342	1.92	-
AV	5.7248G	102.14	Inf	-Inf	3.59	3	Vertical	342	1.92	-
PK	5.4488G	54.54	74.00	-19.46	3.08	3	Vertical	342	1.92	-
PK	5.4656G	54.10	68.20	-14.10	3.11	3	Vertical	342	1.92	-
PK	5.7248G	111.08	Inf	-Inf	3.59	3	Vertical	342	1.92	-
PK	5.8904G	55.72	68.20	-12.48	3.91	3	Vertical	342	1.92	-

802.11a_Nss1,(6Mbps)_2TX

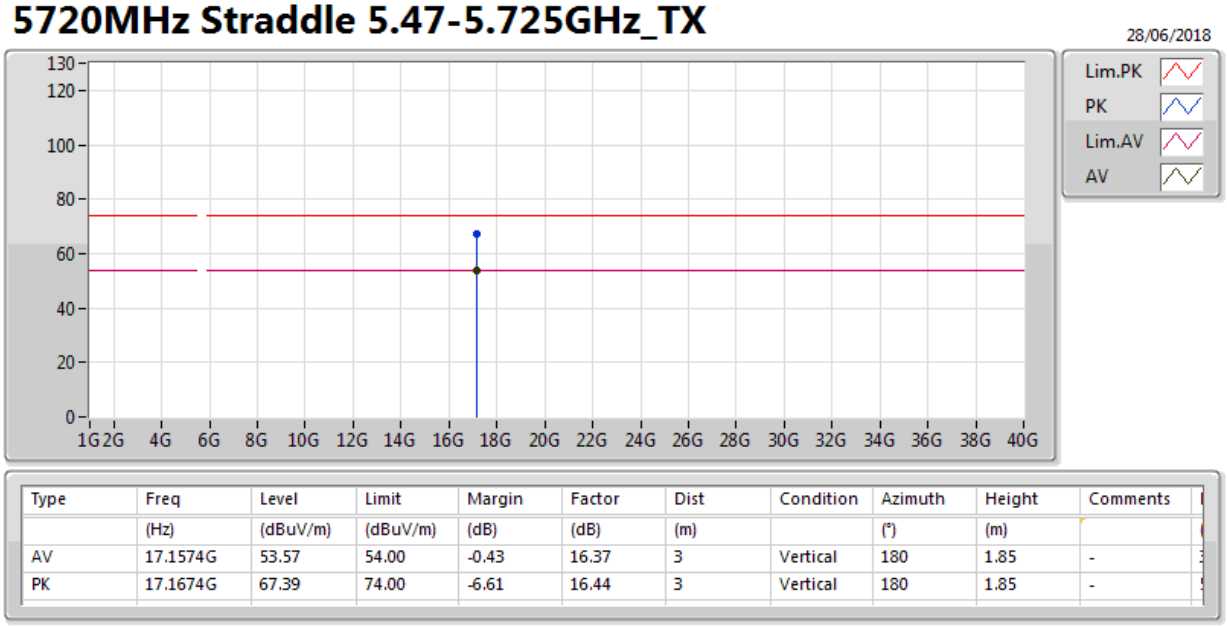
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4236G	42.59	54.00	-11.41	3.06	3	Horizontal	53	1.89	-
AV	5.7188G	103.24	Inf	-Inf	3.58	3	Horizontal	53	1.89	-
PK	5.4296G	54.22	74.00	-19.78	3.06	3	Horizontal	53	1.89	-
PK	5.462G	53.75	68.20	-14.45	3.10	3	Horizontal	53	1.89	-
PK	5.72G	112.51	Inf	-Inf	3.58	3	Horizontal	53	1.89	-
PK	5.8724G	56.21	68.20	-11.99	3.87	3	Horizontal	53	1.89	-

802.11a_Nss1,(6Mbps)_2TX

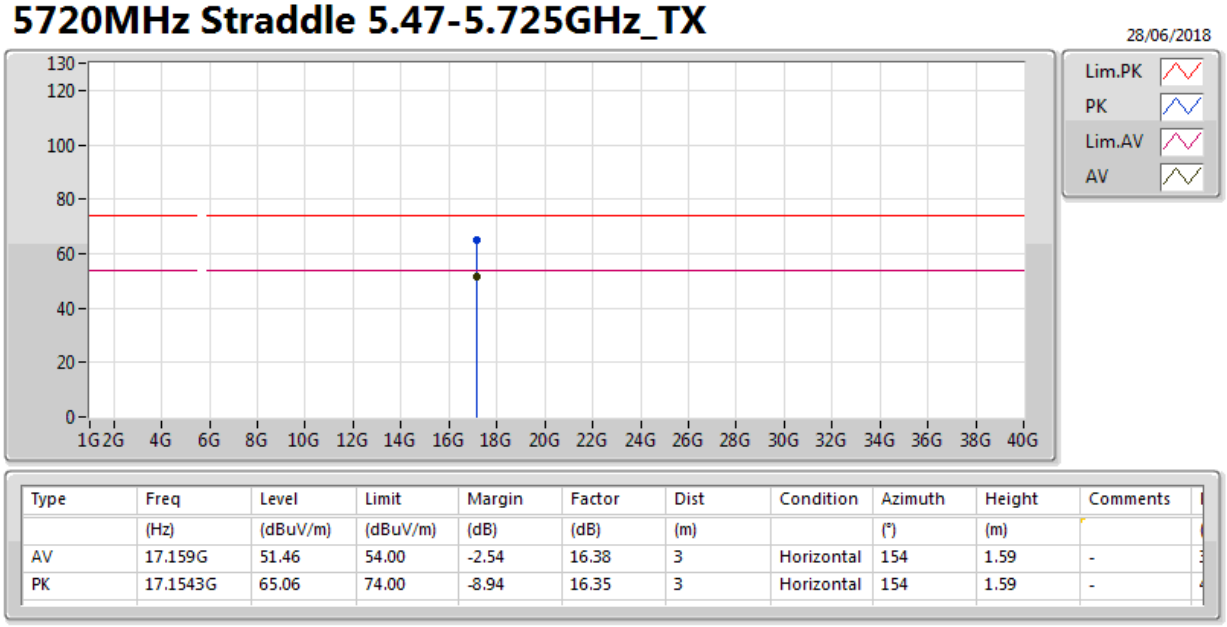
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1574G	53.57	54.00	-0.43	16.37	3	Vertical	180	1.85	-
PK	17.1674G	67.39	74.00	-6.61	16.44	3	Vertical	180	1.85	-

802.11a_Nss1,(6Mbps)_2TX

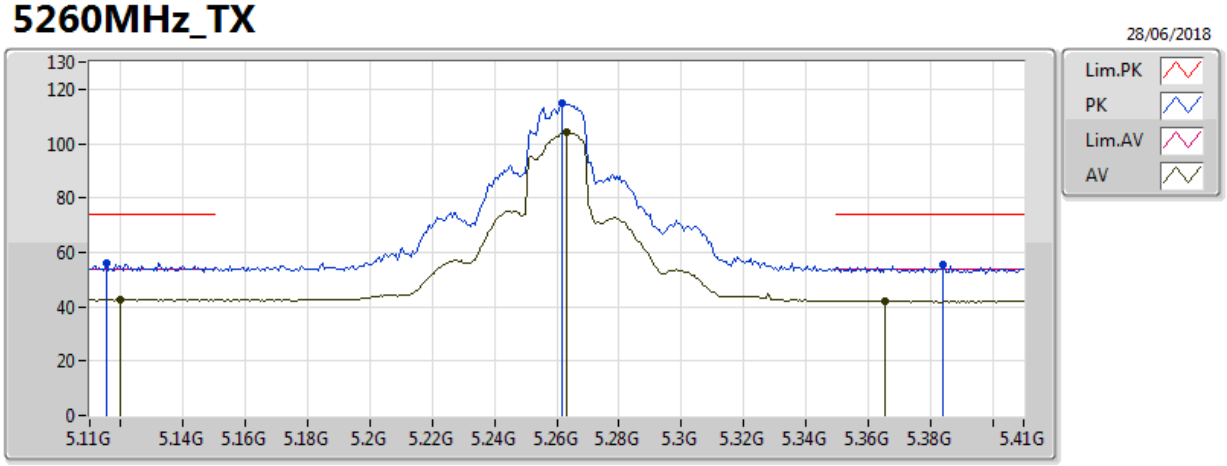
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.159G	51.46	54.00	-2.54	16.38	3	Horizontal	154	1.59	-
PK	17.1543G	65.06	74.00	-8.94	16.35	3	Horizontal	154	1.59	-

802.11ac VHT20_Nss1,(MCS0)_2TX

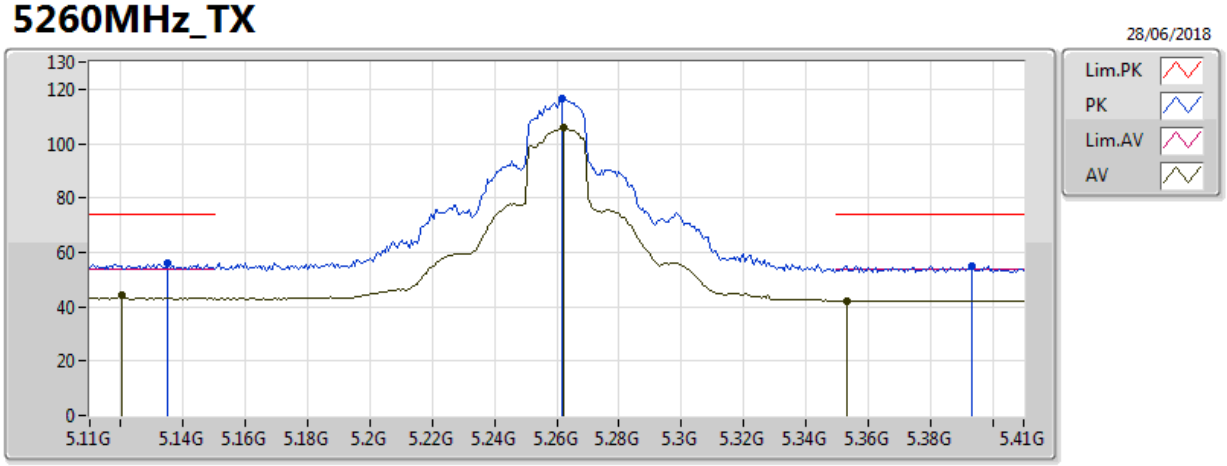
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1196G	42.79	54.00	-11.21	2.70	3	Vertical	1	1.79	-
AV	5.263G	104.25	Inf	-Inf	2.87	3	Vertical	1	1.79	-
AV	5.3656G	42.16	54.00	-11.84	2.99	3	Vertical	1	1.79	-
PK	5.1154G	55.99	74.00	-18.01	2.70	3	Vertical	1	1.79	-
PK	5.2618G	114.72	Inf	-Inf	2.87	3	Vertical	1	1.79	-
PK	5.3842G	55.23	74.00	-18.77	3.01	3	Vertical	1	1.79	-

802.11ac VHT20_Nss1,(MCS0)_2TX

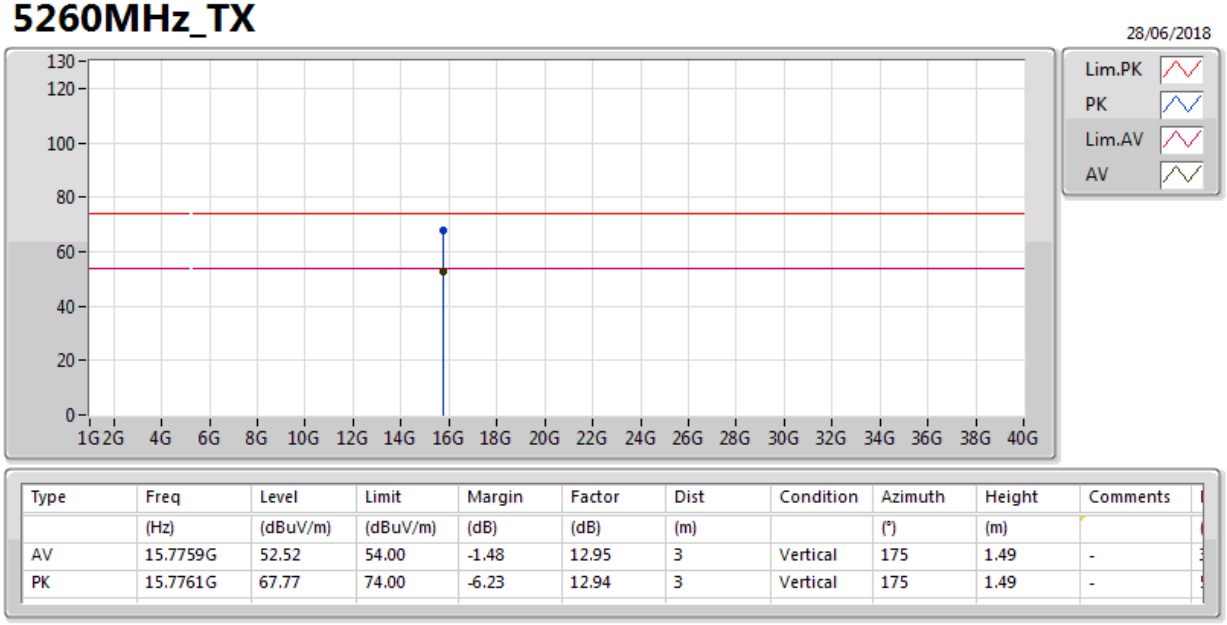
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.1202G	44.02	54.00	-9.98	2.70	3	Horizontal	303	1.99	-
AV	5.2624G	105.80	Inf	-Inf	2.87	3	Horizontal	303	1.99	-
AV	5.353G	42.28	54.00	-11.72	2.97	3	Horizontal	303	1.99	-
PK	5.1352G	56.01	74.00	-17.99	2.72	3	Horizontal	303	1.99	-
PK	5.2618G	116.48	Inf	-Inf	2.87	3	Horizontal	303	1.99	-
PK	5.3932G	55.17	74.00	-18.83	3.03	3	Horizontal	303	1.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

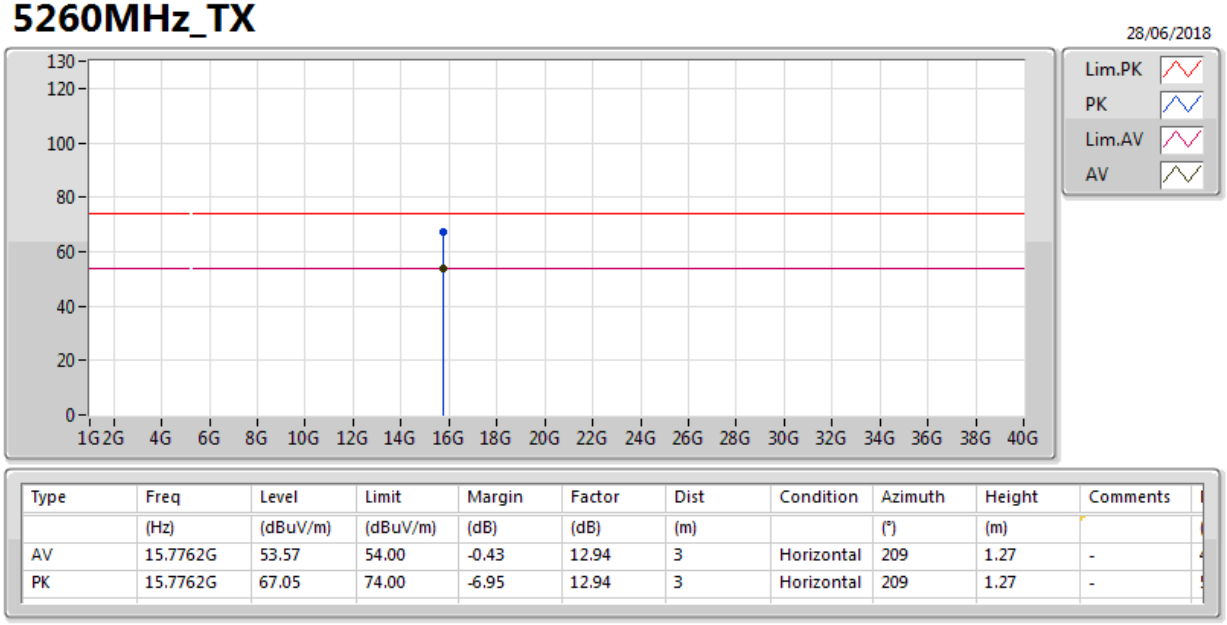
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7759G	52.52	54.00	-1.48	12.95	3	Vertical	175	1.49	-
PK	15.7761G	67.77	74.00	-6.23	12.94	3	Vertical	175	1.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

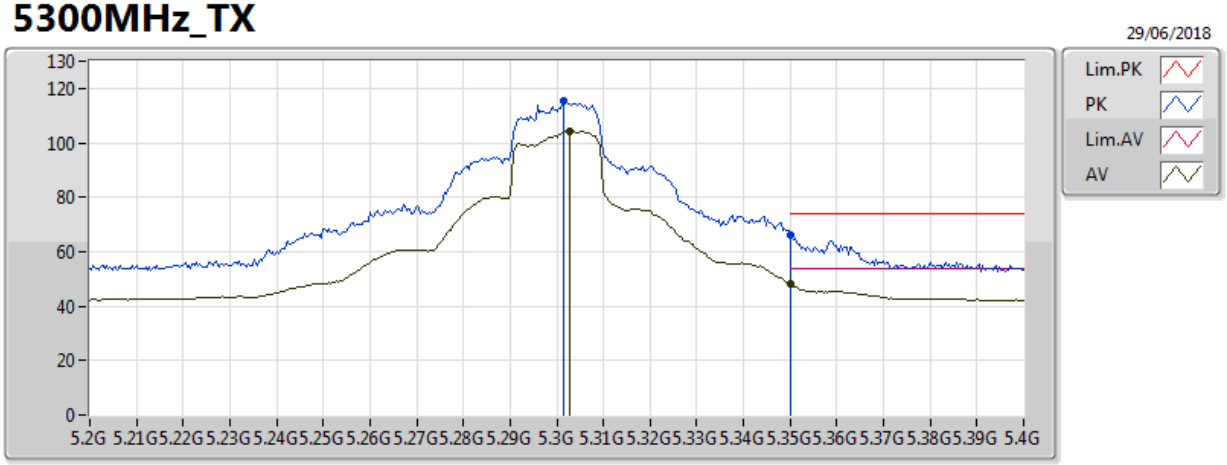
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.7762G	53.57	54.00	-0.43	12.94	3	Horizontal	209	1.27	-
PK	15.7762G	67.05	74.00	-6.95	12.94	3	Horizontal	209	1.27	-

802.11ac VHT20_Nss1,(MCS0)_2TX

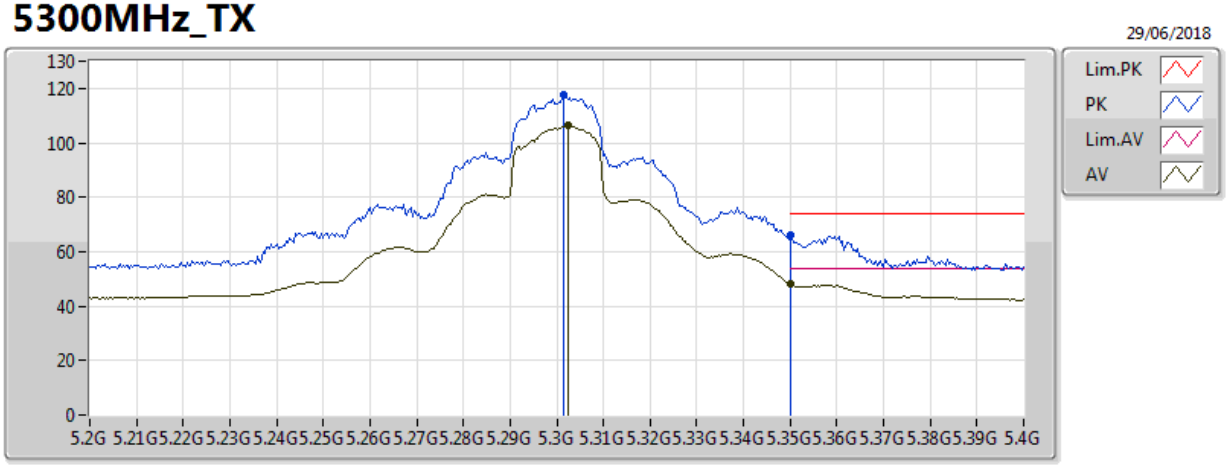
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3028G	104.49	Inf	-Inf	2.91	3	Vertical	1	1.14	-
AV	5.350005G	48.11	54.00	-5.89	2.97	3	Vertical	1	1.14	-
PK	5.3016G	115.17	Inf	-Inf	2.91	3	Vertical	1	1.14	-
PK	5.350005G	66.14	74.00	-7.86	2.97	3	Vertical	1	1.14	-

802.11ac VHT20_Nss1,(MCS0)_2TX

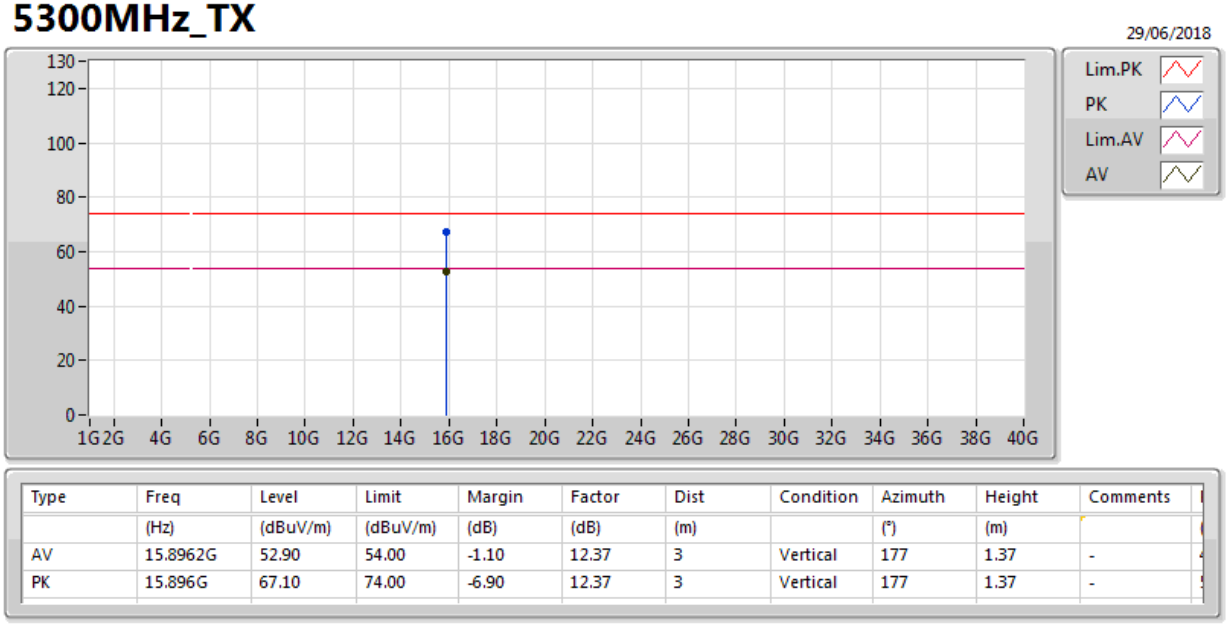
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3024G	106.21	Inf	-Inf	2.91	3	Horizontal	300	1.95	-
AV	5.350005G	48.19	54.00	-5.81	2.97	3	Horizontal	300	1.95	-
PK	5.3016G	117.45	Inf	-Inf	2.91	3	Horizontal	300	1.95	-
PK	5.350005G	66.24	74.00	-7.76	2.97	3	Horizontal	300	1.95	-

802.11ac VHT20_Nss1,(MCS0)_2TX

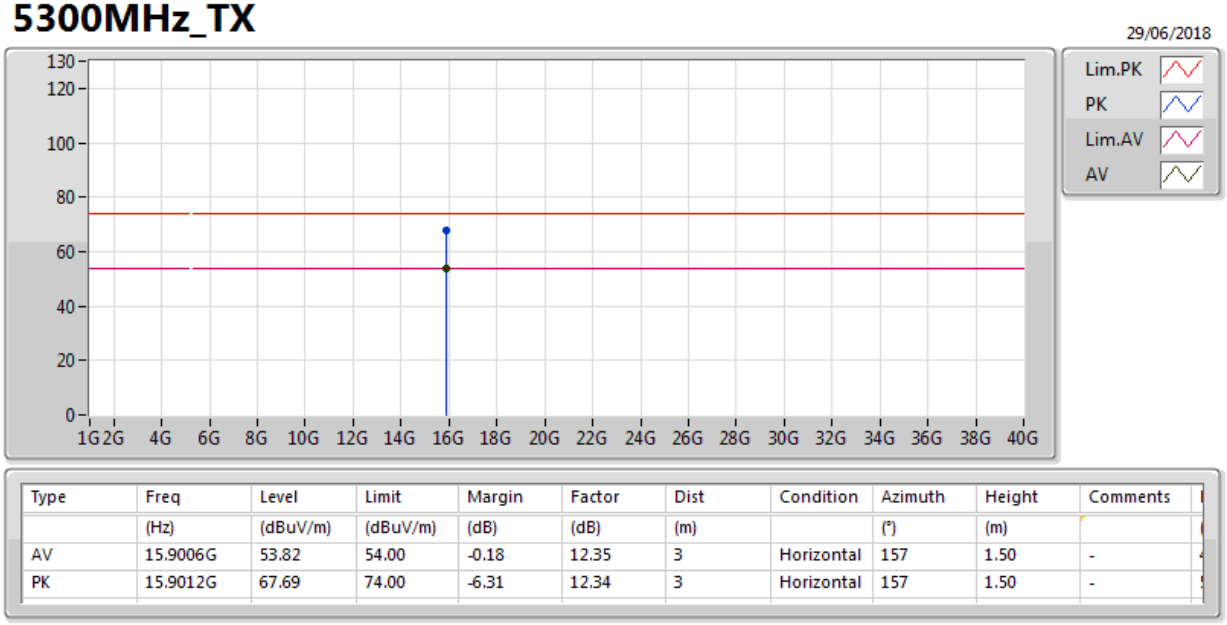
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8962G	52.90	54.00	-1.10	12.37	3	Vertical	177	1.37	-
PK	15.896G	67.10	74.00	-6.90	12.37	3	Vertical	177	1.37	-

802.11ac VHT20_Nss1,(MCS0)_2TX

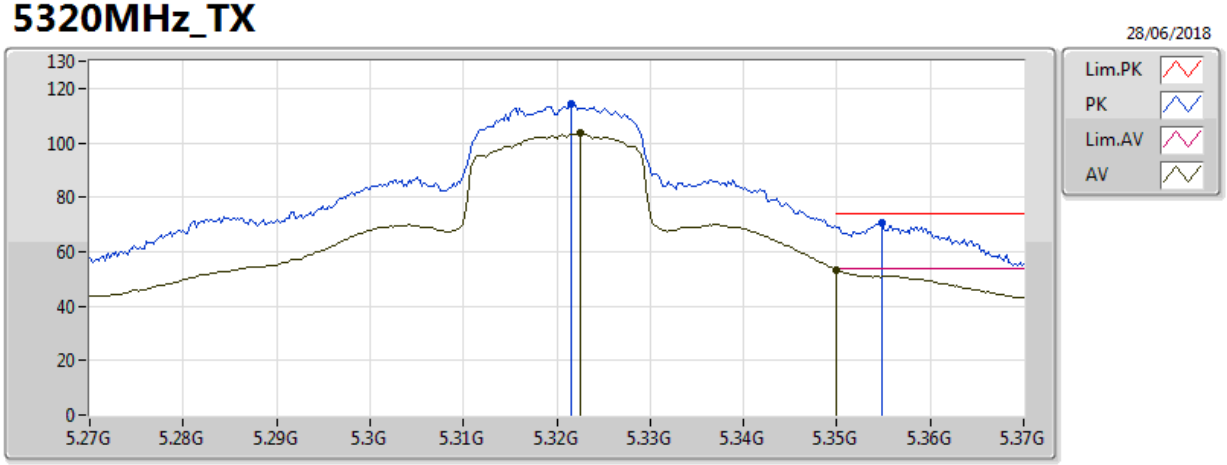
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.9006G	53.82	54.00	-0.18	12.35	3	Horizontal	157	1.50	-
PK	15.9012G	67.69	74.00	-6.31	12.34	3	Horizontal	157	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

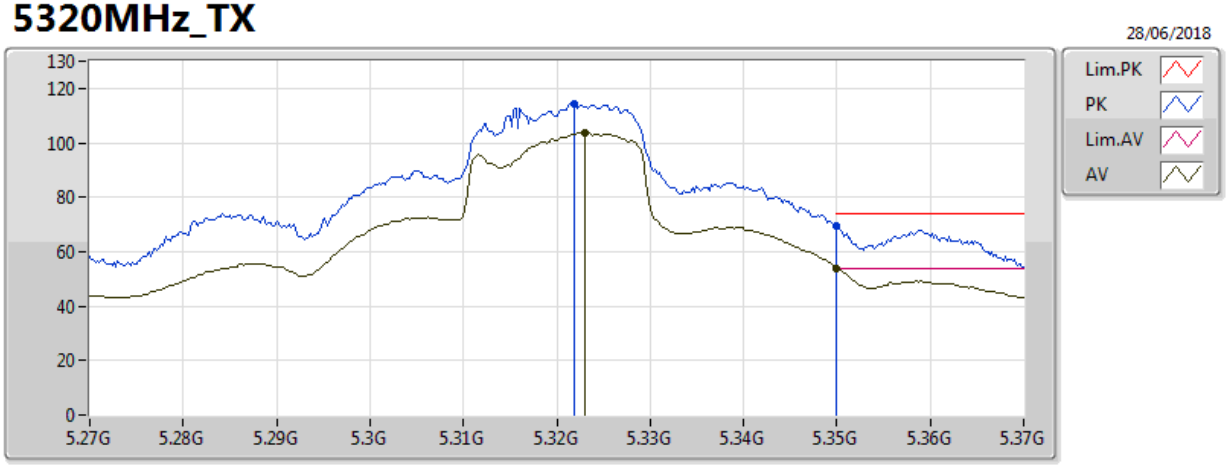
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3226G	103.49	Inf	-Inf	2.94	3	Vertical	336	1.80	-
AV	5.350005G	53.23	54.00	-0.77	2.97	3	Vertical	336	1.80	-
PK	5.3216G	114.25	Inf	-Inf	2.94	3	Vertical	336	1.80	-
PK	5.3548G	70.50	74.00	-3.50	2.97	3	Vertical	336	1.80	-

802.11ac VHT20_Nss1,(MCS0)_2TX

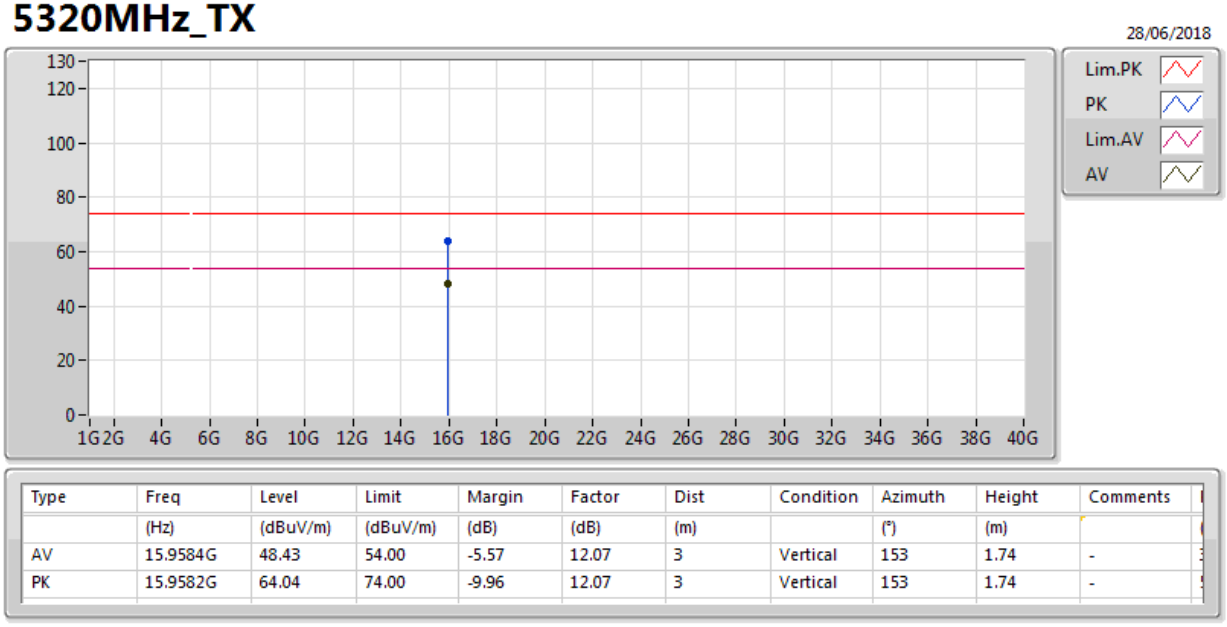
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.323G	103.78	Inf	-Inf	2.94	3	Horizontal	33	2.04	-
AV	5.350005G	53.84	54.00	-0.16	2.97	3	Horizontal	33	2.04	-
PK	5.3218G	114.33	Inf	-Inf	2.94	3	Horizontal	33	2.04	-
PK	5.350005G	69.33	74.00	-4.67	2.97	3	Horizontal	33	2.04	-

802.11ac VHT20_Nss1,(MCS0)_2TX

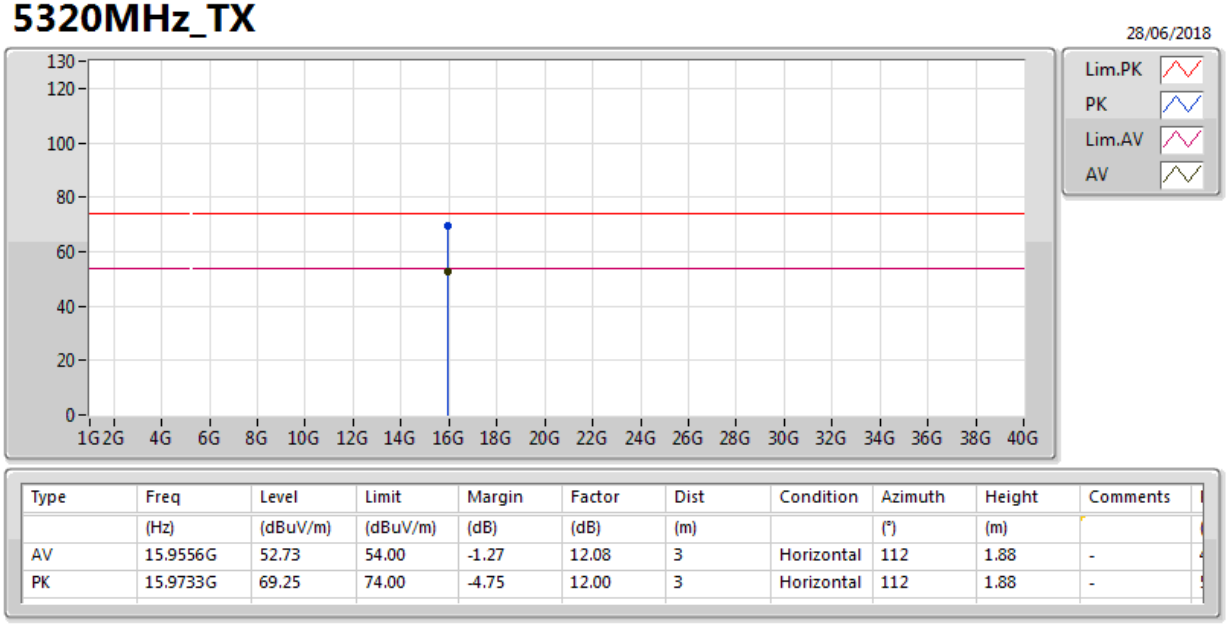
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.9584G	48.43	54.00	-5.57	12.07	3	Vertical	153	1.74	-
PK	15.9582G	64.04	74.00	-9.96	12.07	3	Vertical	153	1.74	-

802.11ac VHT20_Nss1,(MCS0)_2TX

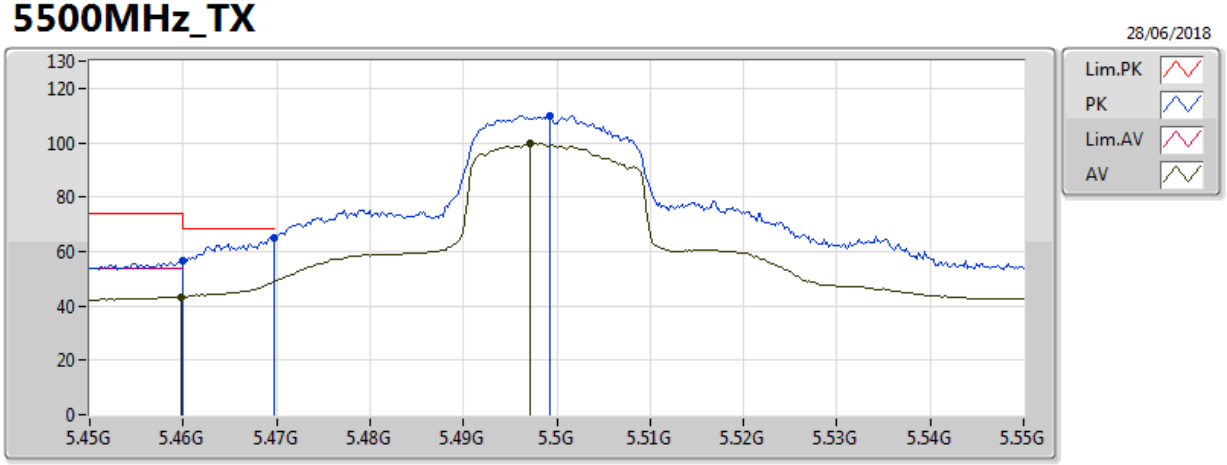
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.9556G	52.73	54.00	-1.27	12.08	3	Horizontal	112	1.88	-
PK	15.9733G	69.25	74.00	-4.75	12.00	3	Horizontal	112	1.88	-

802.11ac VHT20_Nss1,(MCS0)_2TX

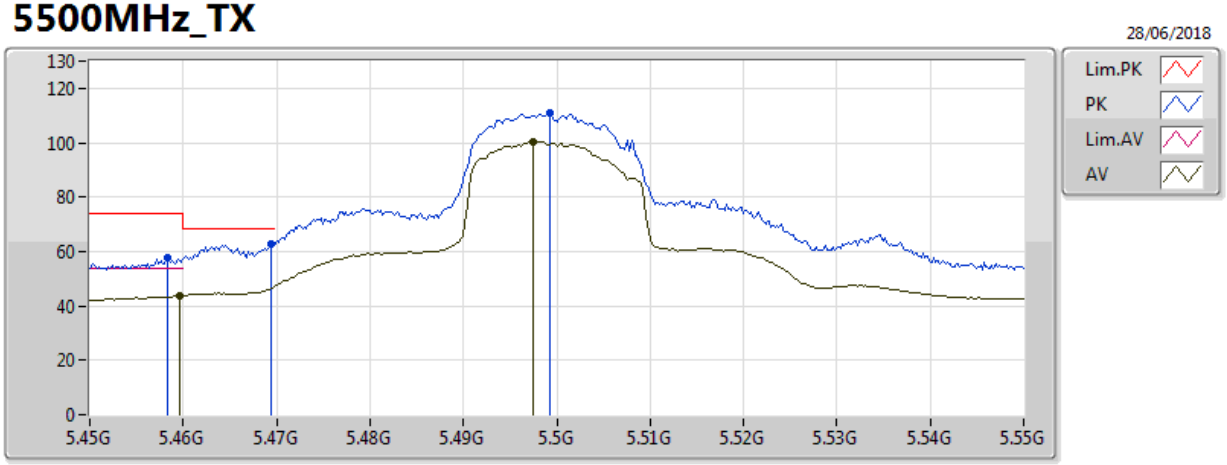
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4598G	43.32	54.00	-10.68	3.10	3	Vertical	347	1.80	-
AV	5.4972G	99.57	Inf	-Inf	3.14	3	Vertical	347	1.80	-
PK	5.459995G	56.54	74.00	-17.46	3.10	3	Vertical	347	1.80	-
PK	5.4698G	65.17	68.20	-3.03	3.11	3	Vertical	347	1.80	-
PK	5.4992G	109.97	Inf	-Inf	3.14	3	Vertical	347	1.80	-

802.11ac VHT20_Nss1,(MCS0)_2TX

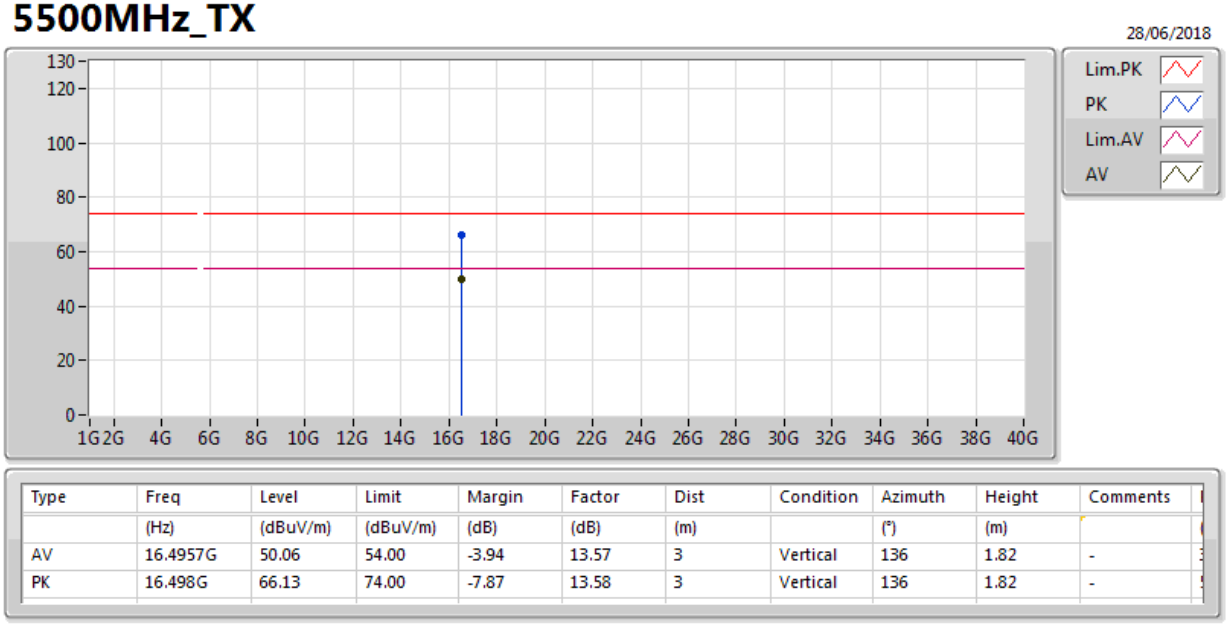
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4596G	43.76	54.00	-10.24	3.10	3	Horizontal	55	1.98	-
AV	5.4974G	100.24	Inf	-Inf	3.14	3	Horizontal	55	1.98	-
PK	5.4584G	57.51	74.00	-16.49	3.10	3	Horizontal	55	1.98	-
PK	5.4694G	62.62	68.20	-5.58	3.11	3	Horizontal	55	1.98	-
PK	5.4992G	110.67	Inf	-Inf	3.14	3	Horizontal	55	1.98	-

802.11ac VHT20_Nss1,(MCS0)_2TX

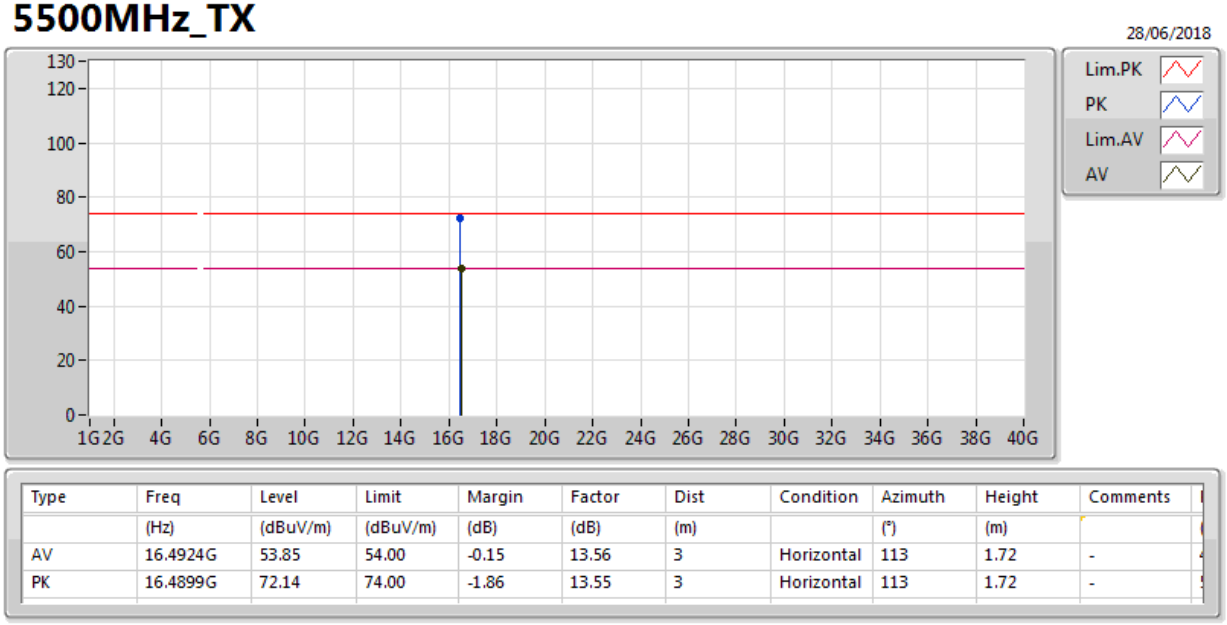
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.4957G	50.06	54.00	-3.94	13.57	3	Vertical	136	1.82	-
PK	16.498G	66.13	74.00	-7.87	13.58	3	Vertical	136	1.82	-

802.11ac VHT20_Nss1,(MCS0)_2TX

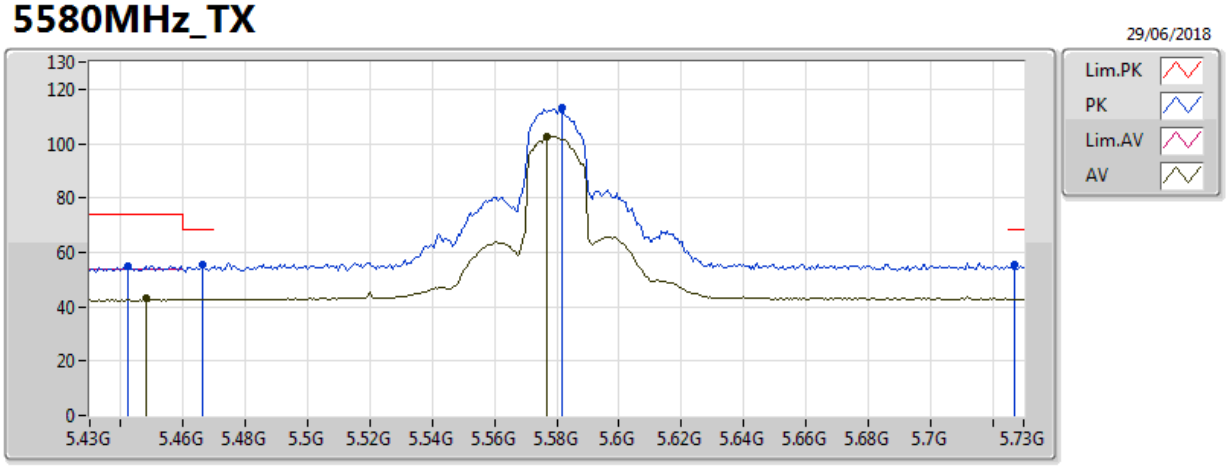
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.4924G	53.85	54.00	-0.15	13.56	3	Horizontal	113	1.72	-
PK	16.4899G	72.14	74.00	-1.86	13.55	3	Horizontal	113	1.72	-

802.11ac VHT20_Nss1,(MCS0)_2TX

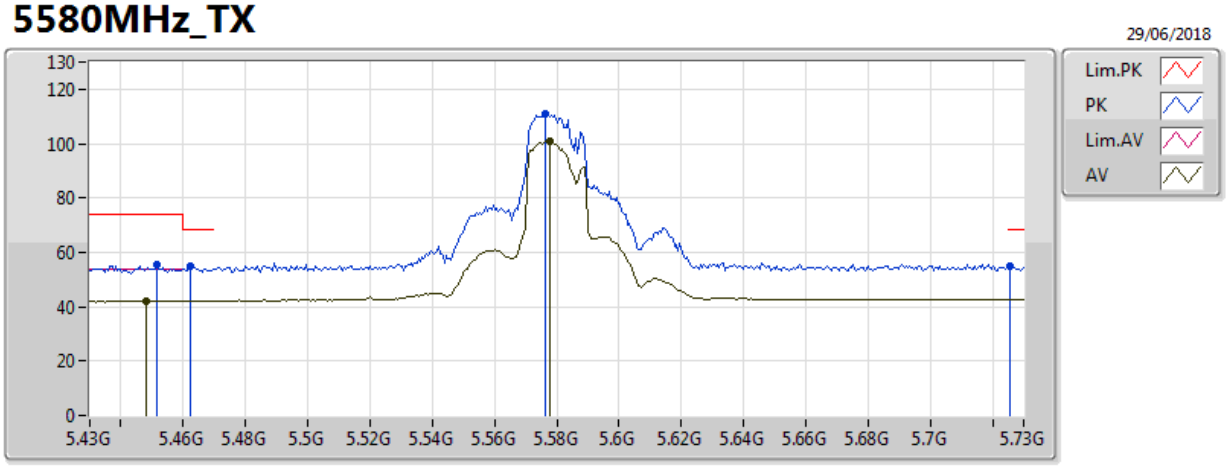
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.448G	43.11	54.00	-10.89	3.08	3	Vertical	342	2.26	-
AV	5.577G	102.66	Inf	-Inf	3.29	3	Vertical	342	2.26	-
PK	5.442G	55.10	74.00	-18.90	3.08	3	Vertical	342	2.26	-
PK	5.466G	55.55	68.20	-12.65	3.11	3	Vertical	342	2.26	-
PK	5.5818G	113.15	Inf	-Inf	3.30	3	Vertical	342	2.26	-
PK	5.727G	55.23	68.20	-12.97	3.59	3	Vertical	342	2.26	-

802.11ac VHT20_Nss1,(MCS0)_2TX

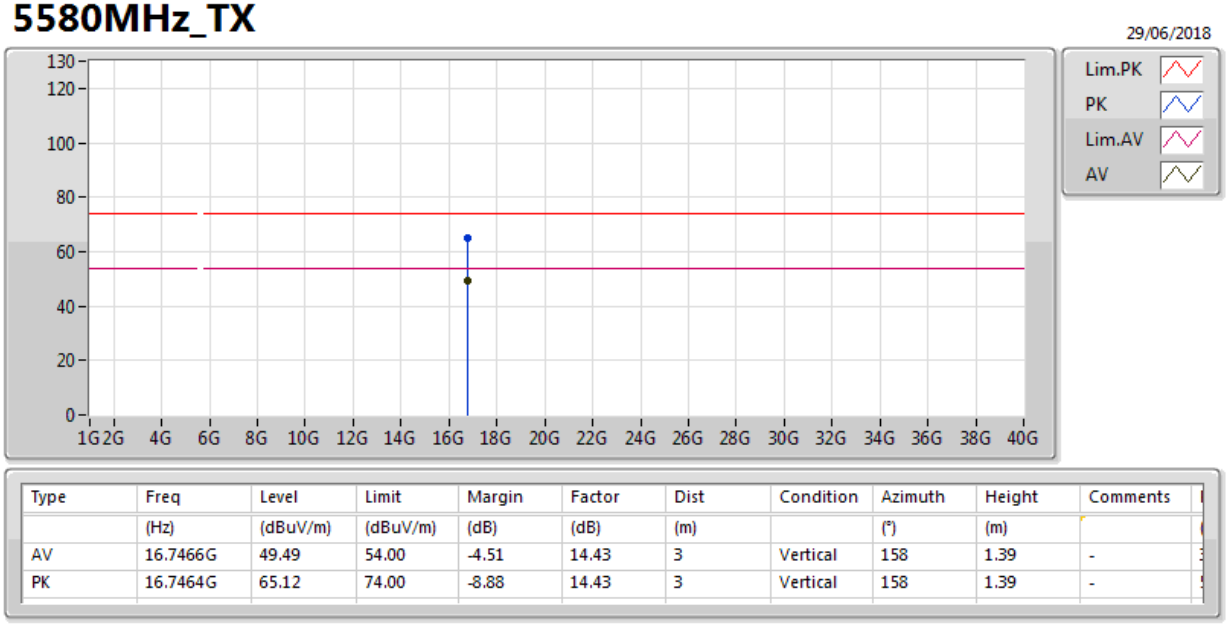
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.448G	42.21	54.00	-11.79	3.08	3	Horizontal	13	1.04	-
AV	5.5776G	100.97	Inf	-Inf	3.30	3	Horizontal	13	1.04	-
PK	5.4516G	55.53	74.00	-18.47	3.09	3	Horizontal	13	1.04	-
PK	5.4624G	54.65	68.20	-13.55	3.10	3	Horizontal	13	1.04	-
PK	5.5764G	110.93	Inf	-Inf	3.29	3	Horizontal	13	1.04	-
PK	5.7258G	54.70	68.20	-13.50	3.59	3	Horizontal	13	1.04	-

802.11ac VHT20_Nss1,(MCS0)_2TX

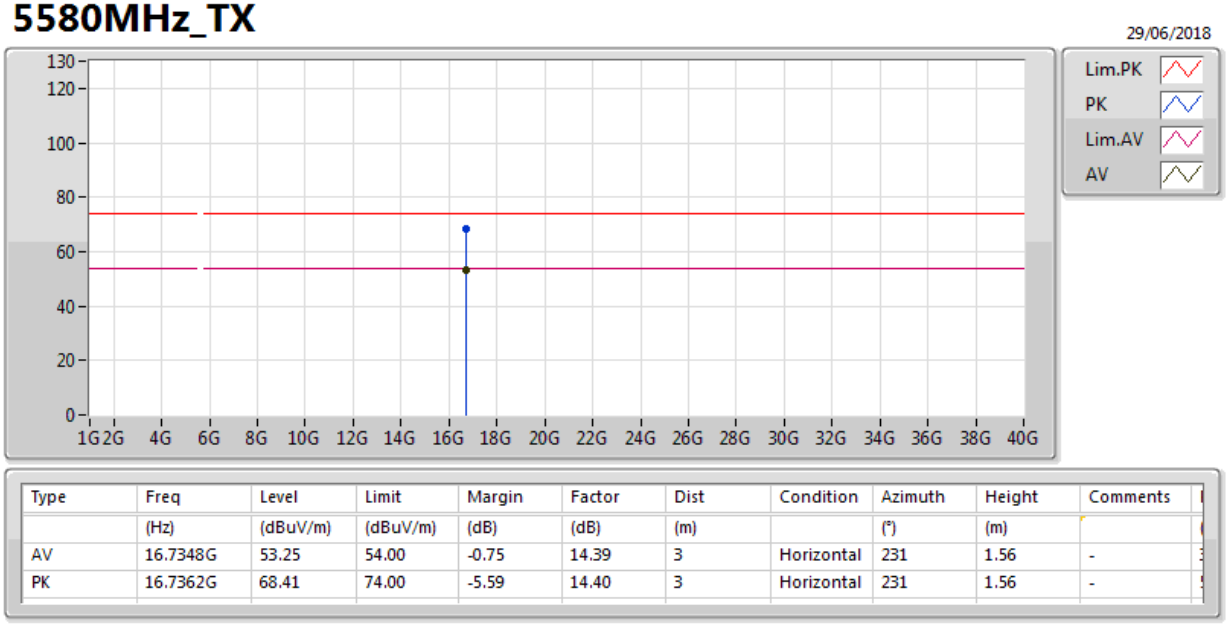
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.7466G	49.49	54.00	-4.51	14.43	3	Vertical	158	1.39	-
PK	16.7464G	65.12	74.00	-8.88	14.43	3	Vertical	158	1.39	-

802.11ac VHT20_Nss1,(MCS0)_2TX

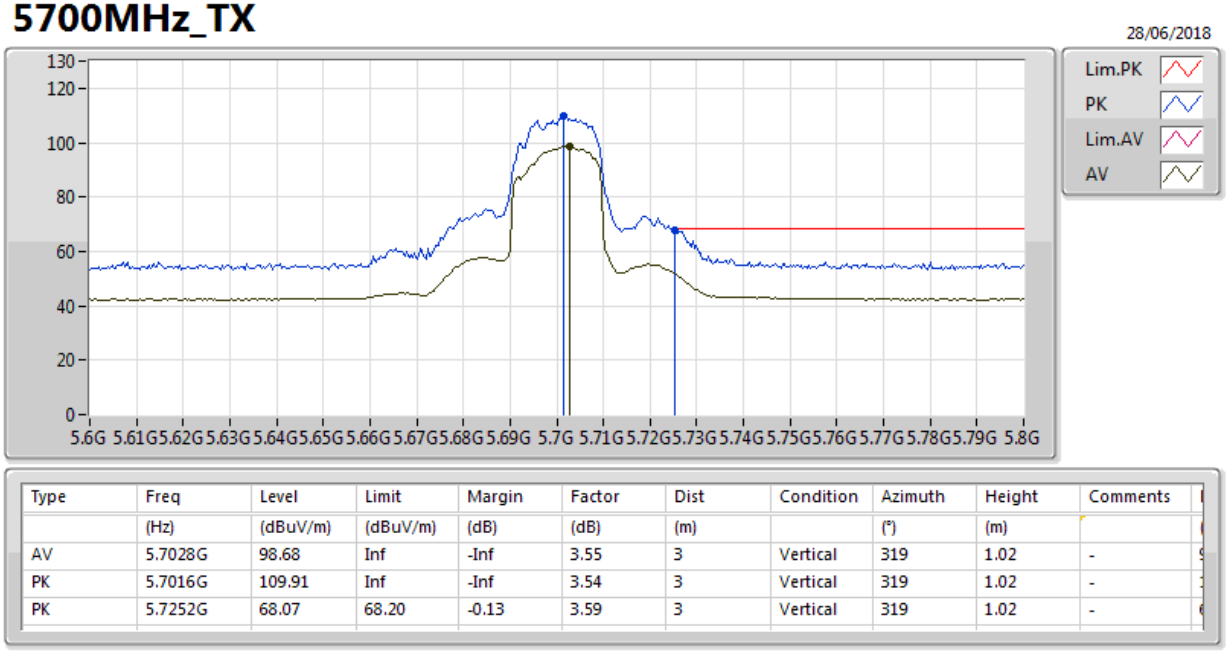
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.7348G	53.25	54.00	-0.75	14.39	3	Horizontal	231	1.56	-
PK	16.7362G	68.41	74.00	-5.59	14.40	3	Horizontal	231	1.56	-

802.11ac VHT20_Nss1,(MCS0)_2TX

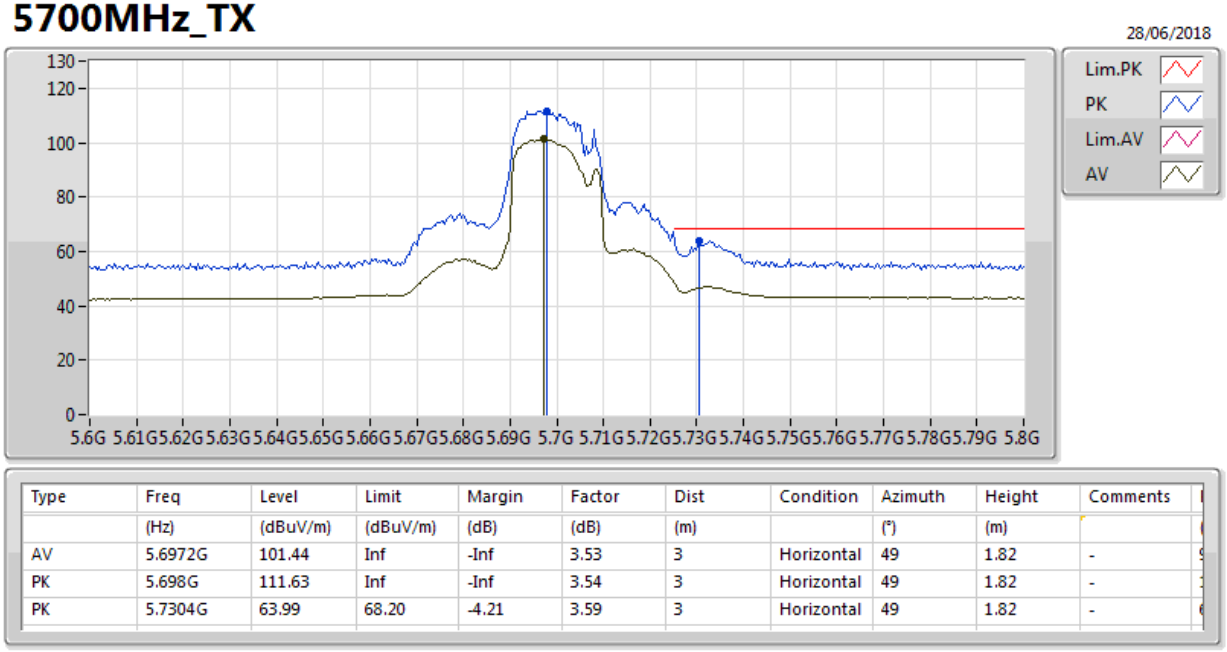
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.7028G	98.68	Inf	-Inf	3.55	3	Vertical	319	1.02	-
PK	5.7016G	109.91	Inf	-Inf	3.54	3	Vertical	319	1.02	-
PK	5.7252G	68.07	68.20	-0.13	3.59	3	Vertical	319	1.02	-

802.11ac VHT20_Nss1,(MCS0)_2TX

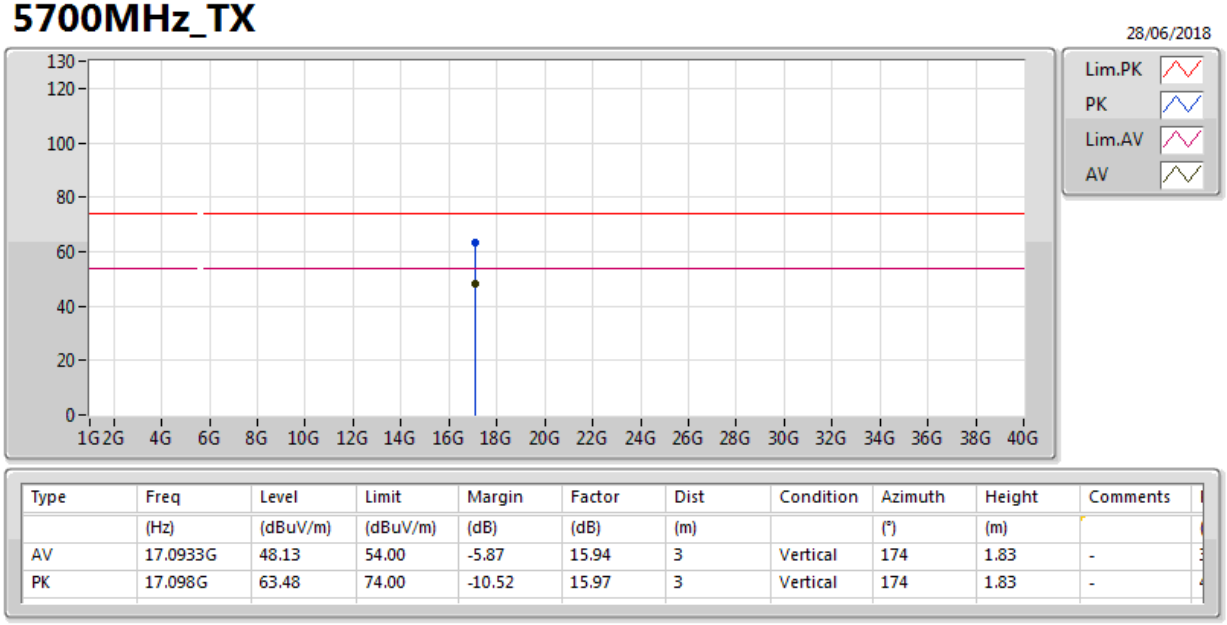
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6972G	101.44	Inf	-Inf	3.53	3	Horizontal	49	1.82	-
PK	5.698G	111.63	Inf	-Inf	3.54	3	Horizontal	49	1.82	-
PK	5.7304G	63.99	68.20	-4.21	3.59	3	Horizontal	49	1.82	-

802.11ac VHT20_Nss1,(MCS0)_2TX

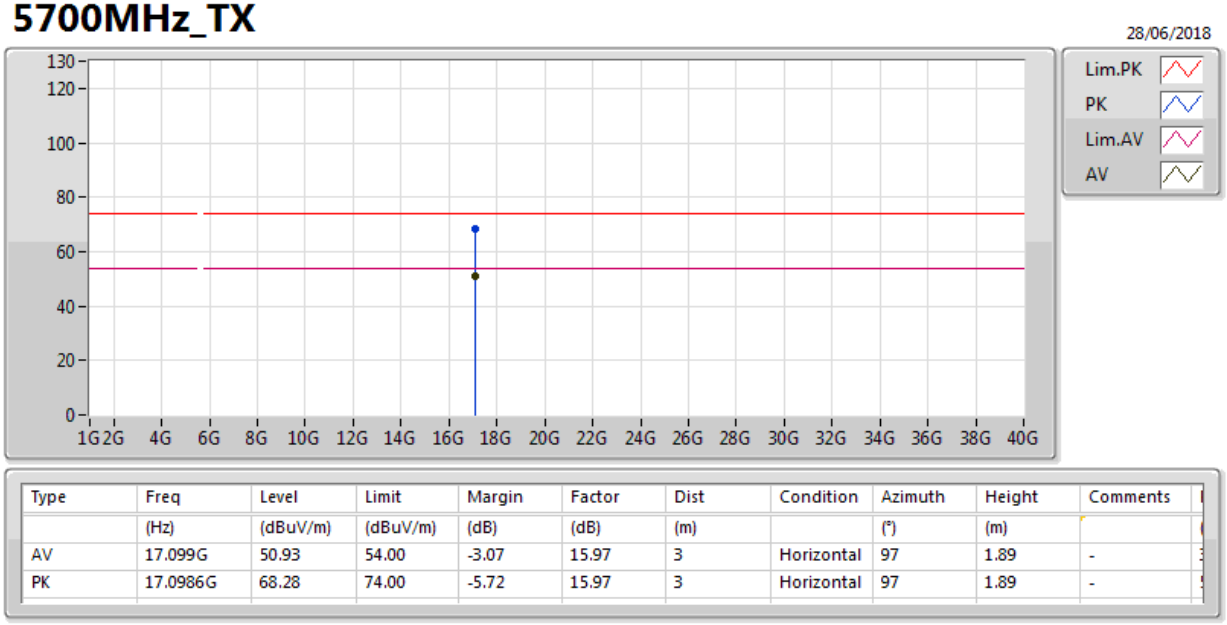
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0933G	48.13	54.00	-5.87	15.94	3	Vertical	174	1.83	-
PK	17.098G	63.48	74.00	-10.52	15.97	3	Vertical	174	1.83	-

802.11ac VHT20_Nss1,(MCS0)_2TX

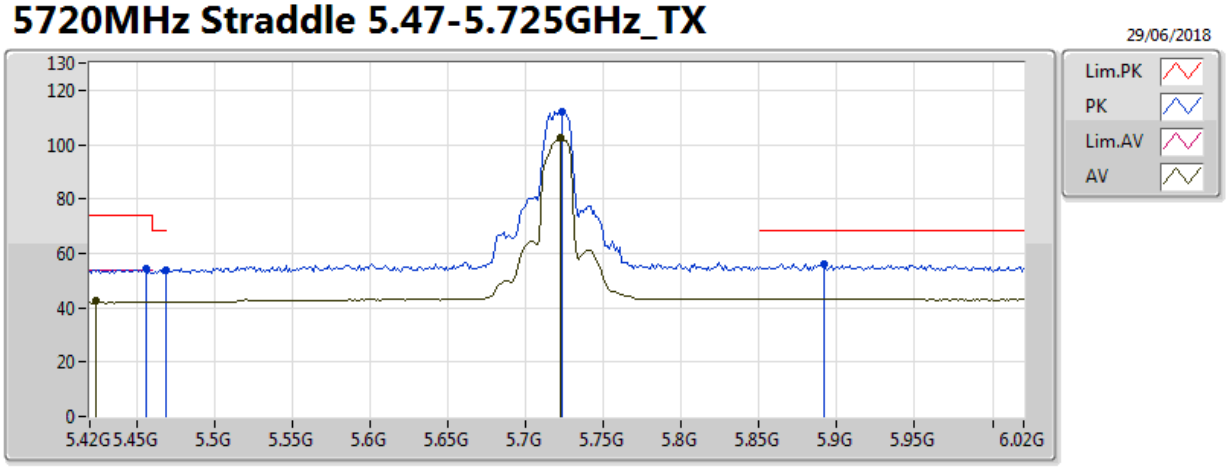
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.099G	50.93	54.00	-3.07	15.97	3	Horizontal	97	1.89	-
PK	17.0986G	68.28	74.00	-5.72	15.97	3	Horizontal	97	1.89	-

802.11ac VHT20_Nss1,(MCS0)_2TX

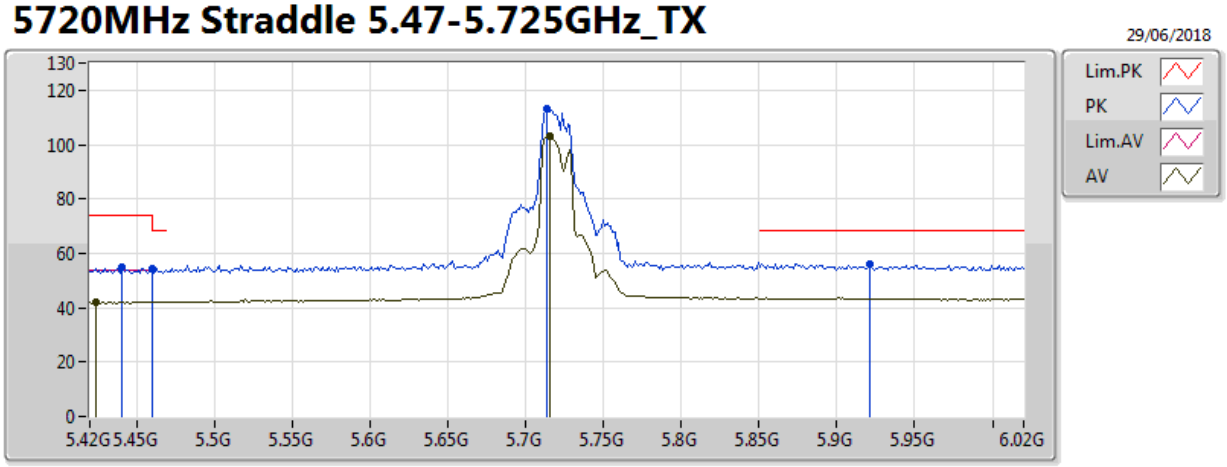
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4236G	42.63	54.00	-11.37	3.06	3	Vertical	7	2.42	-
AV	5.7224G	102.35	Inf	-Inf	3.58	3	Vertical	7	2.42	-
PK	5.456G	54.20	74.00	-19.80	3.09	3	Vertical	7	2.42	-
PK	5.4692G	53.87	68.20	-14.33	3.11	3	Vertical	7	2.42	-
PK	5.7236G	112.05	Inf	-Inf	3.58	3	Vertical	7	2.42	-
PK	5.8916G	56.27	68.20	-11.93	3.91	3	Vertical	7	2.42	-

802.11ac VHT20_Nss1,(MCS0)_2TX

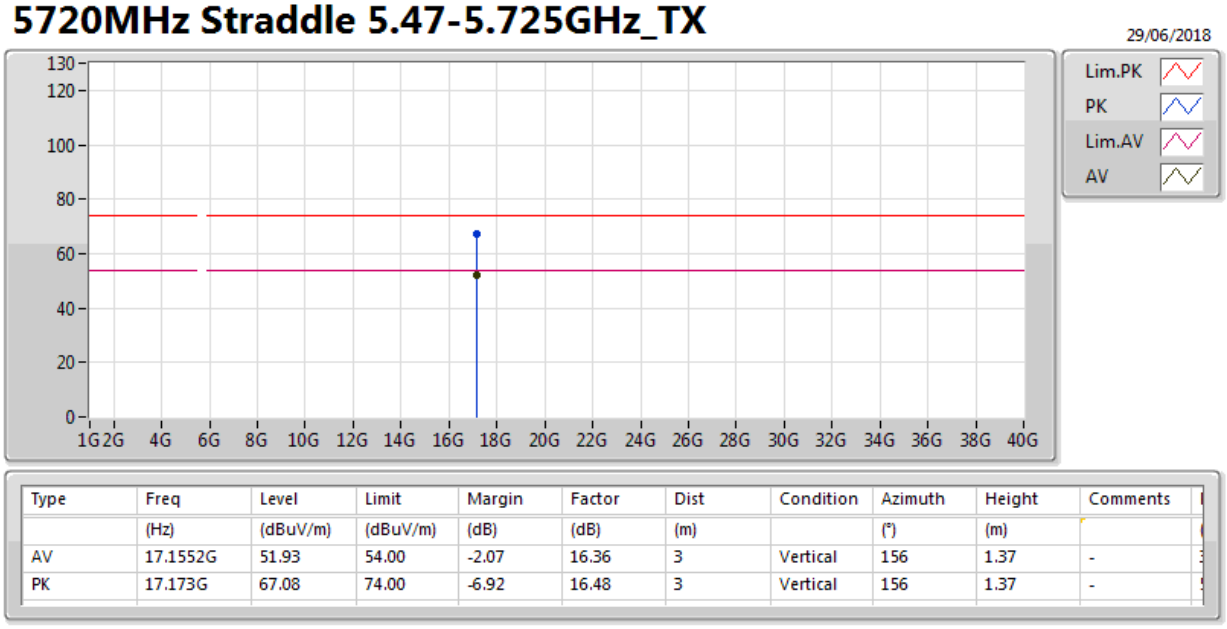
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4236G	42.27	54.00	-11.73	3.06	3	Horizontal	282	2.05	-
AV	5.7152G	103.17	Inf	-Inf	3.57	3	Horizontal	282	2.05	-
PK	5.4404G	55.11	74.00	-18.89	3.07	3	Horizontal	282	2.05	-
PK	5.460005G	54.42	68.20	-13.78	3.10	3	Horizontal	282	2.05	-
PK	5.714G	113.24	Inf	-Inf	3.57	3	Horizontal	282	2.05	-
PK	5.9216G	56.29	68.20	-11.91	3.98	3	Horizontal	282	2.05	-

802.11ac VHT20_Nss1,(MCS0)_2TX

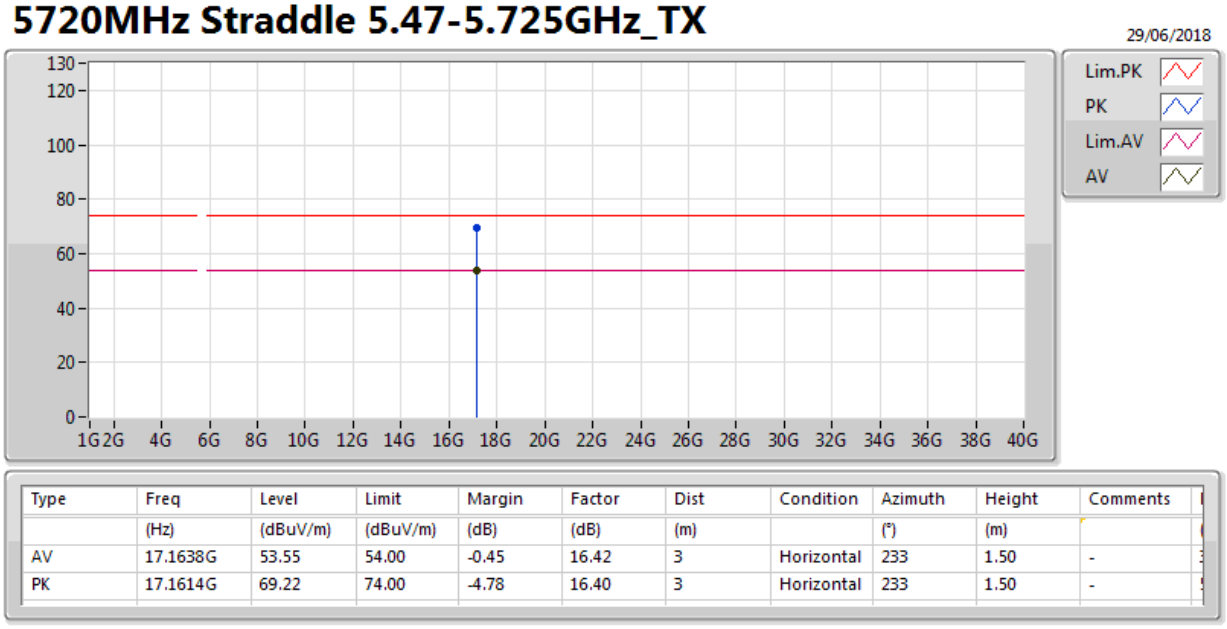
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1552G	51.93	54.00	-2.07	16.36	3	Vertical	156	1.37	-
PK	17.173G	67.08	74.00	-6.92	16.48	3	Vertical	156	1.37	-

802.11ac VHT20_Nss1,(MCS0)_2TX

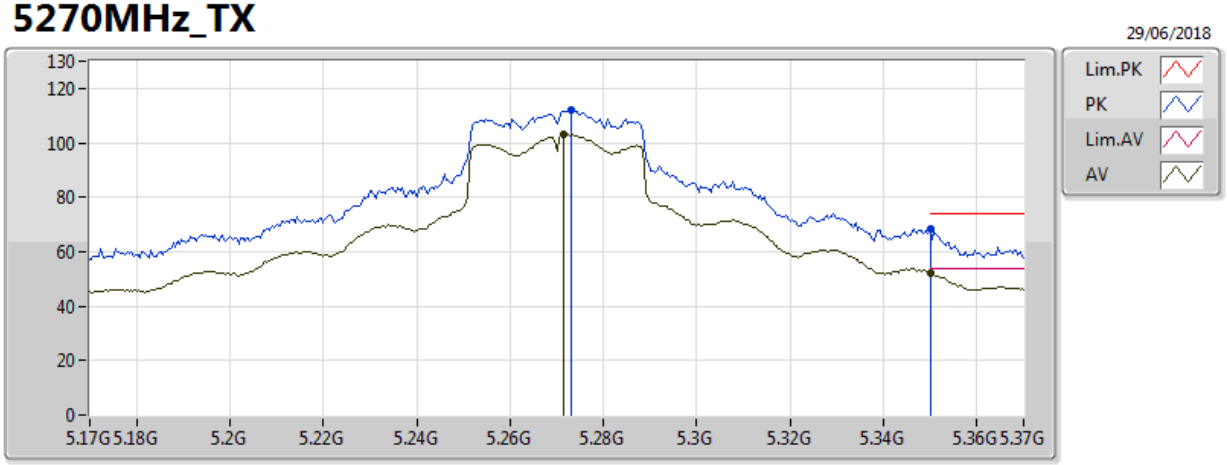
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1638G	53.55	54.00	-0.45	16.42	3	Horizontal	233	1.50	-
PK	17.1614G	69.22	74.00	-4.78	16.40	3	Horizontal	233	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

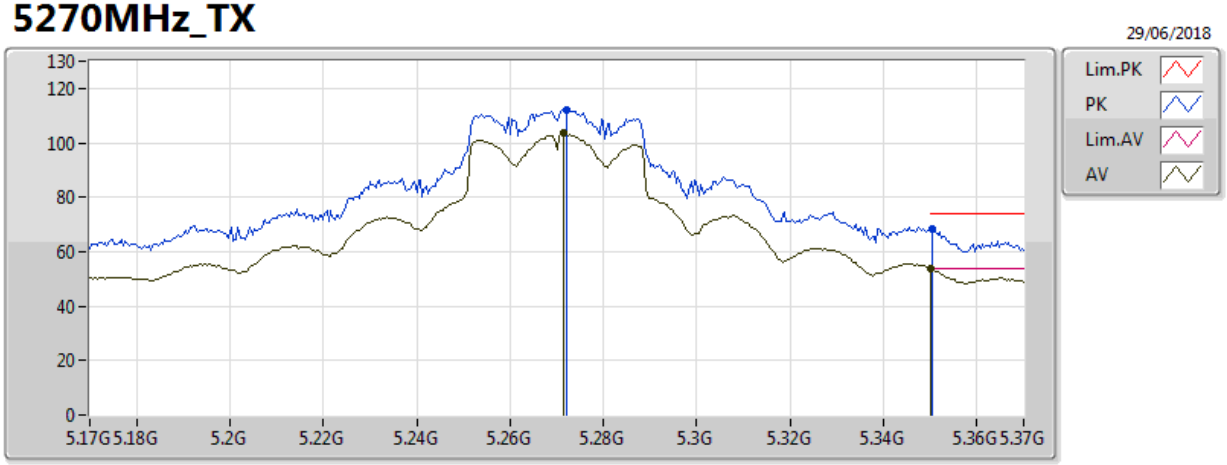
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2716G	103.19	Inf	-Inf	2.88	3	Vertical	332	2.24	-
AV	5.350005G	52.08	54.00	-1.92	2.97	3	Vertical	332	2.24	-
PK	5.2732G	112.12	Inf	-Inf	2.88	3	Vertical	332	2.24	-
PK	5.350005G	68.12	74.00	-5.88	2.97	3	Vertical	332	2.24	-

802.11ac VHT40_Nss1,(MCS0)_2TX

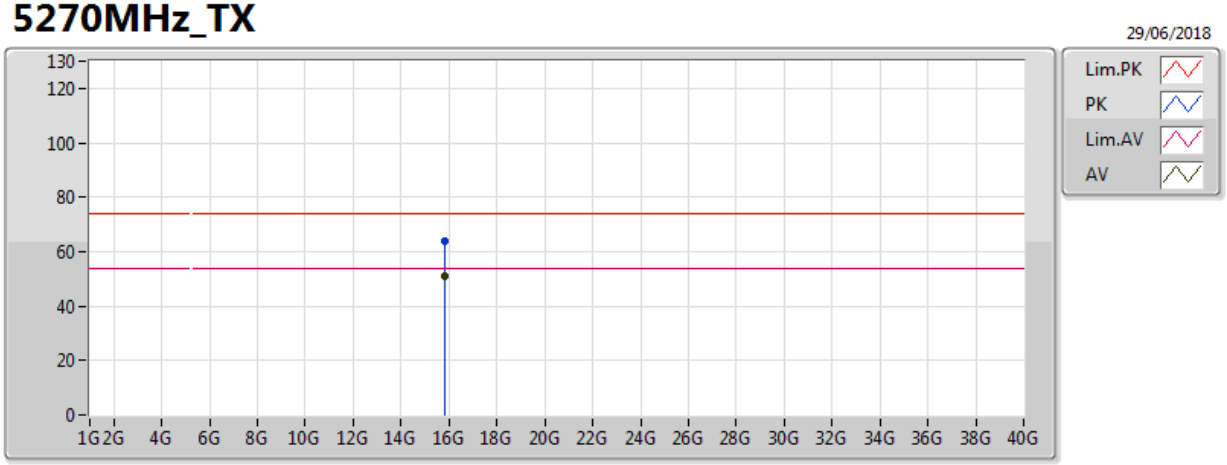
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.2716G	103.42	Inf	-Inf	2.88	3	Horizontal	281	2.22	-
AV	5.350005G	53.61	54.00	-0.39	2.97	3	Horizontal	281	2.22	-
PK	5.272G	112.19	Inf	-Inf	2.88	3	Horizontal	281	2.22	-
PK	5.3504G	68.32	74.00	-5.68	2.97	3	Horizontal	281	2.22	-

802.11ac VHT40_Nss1,(MCS0)_2TX

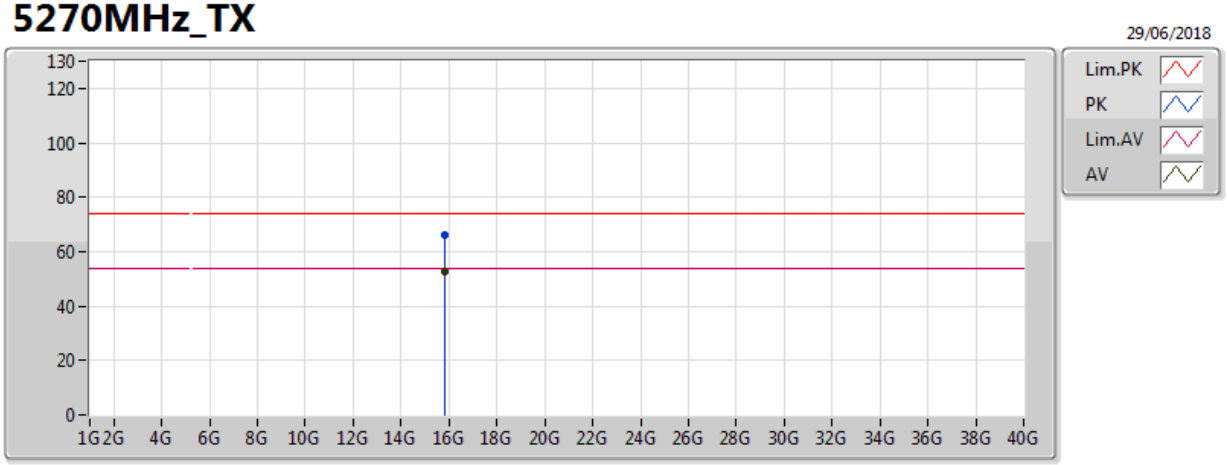
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8053G	51.15	54.00	-2.85	12.80	3	Vertical	128	1.72	-
PK	15.8053G	63.70	74.00	-10.30	12.80	3	Vertical	128	1.72	-

802.11ac VHT40_Nss1,(MCS0)_2TX

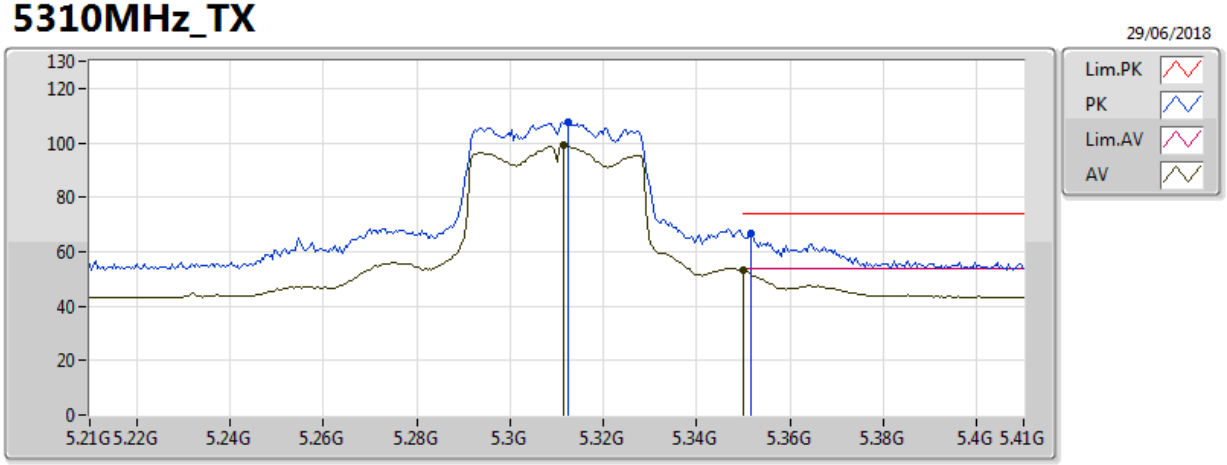
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.8017G	52.73	54.00	-1.27	12.82	3	Horizontal	225	1.55	-
PK	15.801G	66.01	74.00	-7.99	12.83	3	Horizontal	225	1.55	-

802.11ac VHT40_Nss1,(MCS0)_2TX

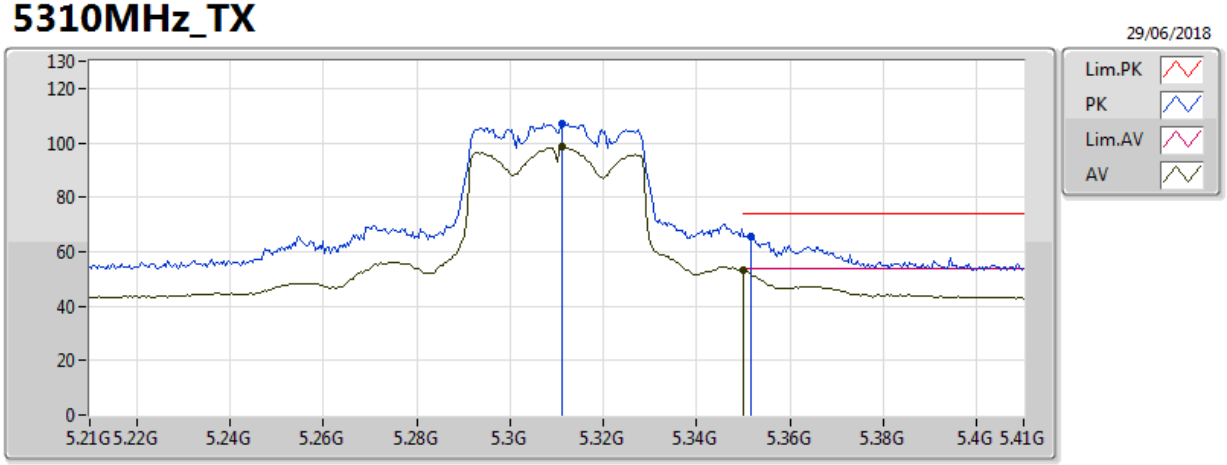
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3116G	98.99	Inf	-Inf	2.92	3	Vertical	343	2.36	-
AV	5.350005G	53.24	54.00	-0.76	2.97	3	Vertical	343	2.36	-
PK	5.3124G	107.44	Inf	-Inf	2.92	3	Vertical	343	2.36	-
PK	5.3516G	66.90	74.00	-7.10	2.97	3	Vertical	343	2.36	-

802.11ac VHT40_Nss1,(MCS0)_2TX

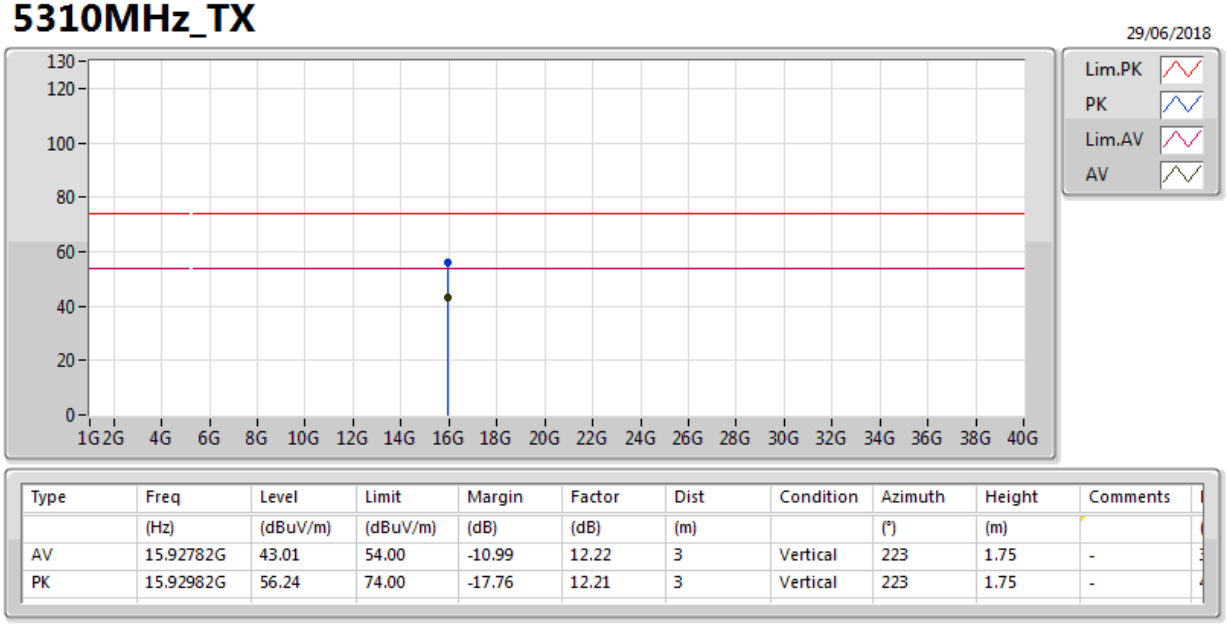
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.3112G	98.42	Inf	-Inf	2.92	3	Horizontal	297	2.19	-
AV	5.350005G	53.44	54.00	-0.56	2.97	3	Horizontal	297	2.19	-
PK	5.3112G	106.97	Inf	-Inf	2.92	3	Horizontal	297	2.19	-
PK	5.3516G	65.83	74.00	-8.17	2.97	3	Horizontal	297	2.19	-

802.11ac VHT40_Nss1,(MCS0)_2TX

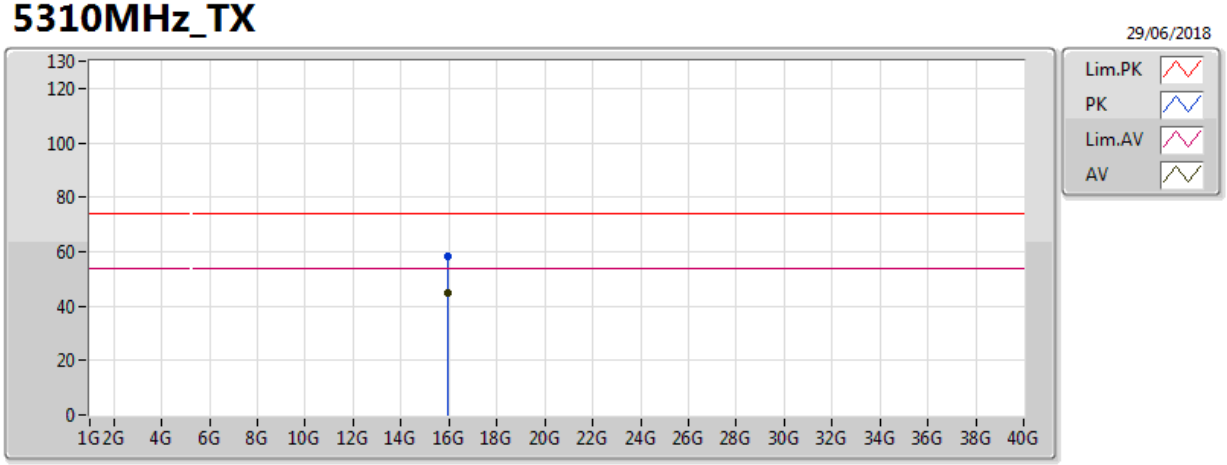
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.92782G	43.01	54.00	-10.99	12.22	3	Vertical	223	1.75	-
PK	15.92982G	56.24	74.00	-17.76	12.21	3	Vertical	223	1.75	-

802.11ac VHT40_Nss1,(MCS0)_2TX

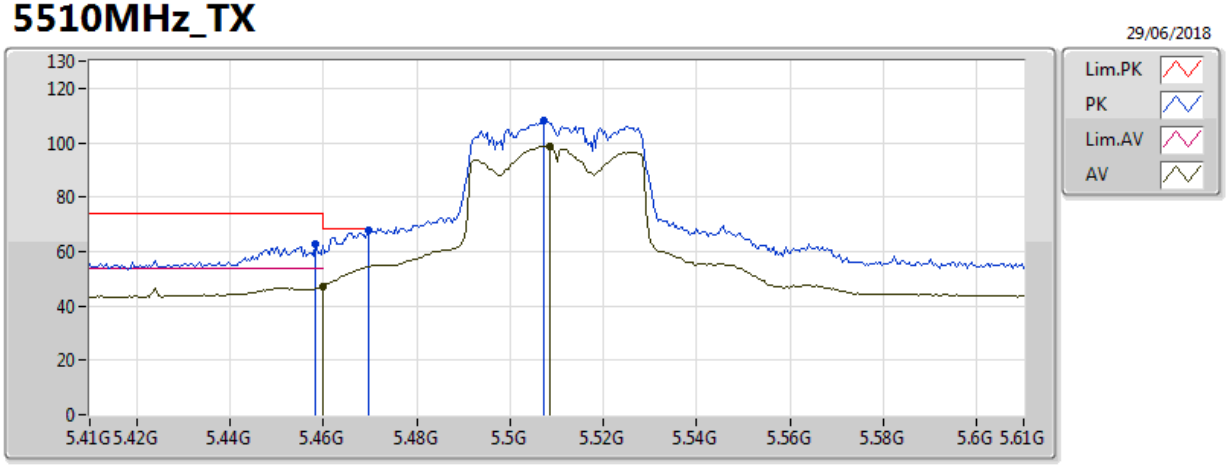
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.92852G	44.92	54.00	-9.08	12.21	3	Horizontal	152	2.10	-
PK	15.9306G	58.43	74.00	-15.57	12.20	3	Horizontal	152	2.10	-

802.11ac VHT40_Nss1,(MCS0)_2TX

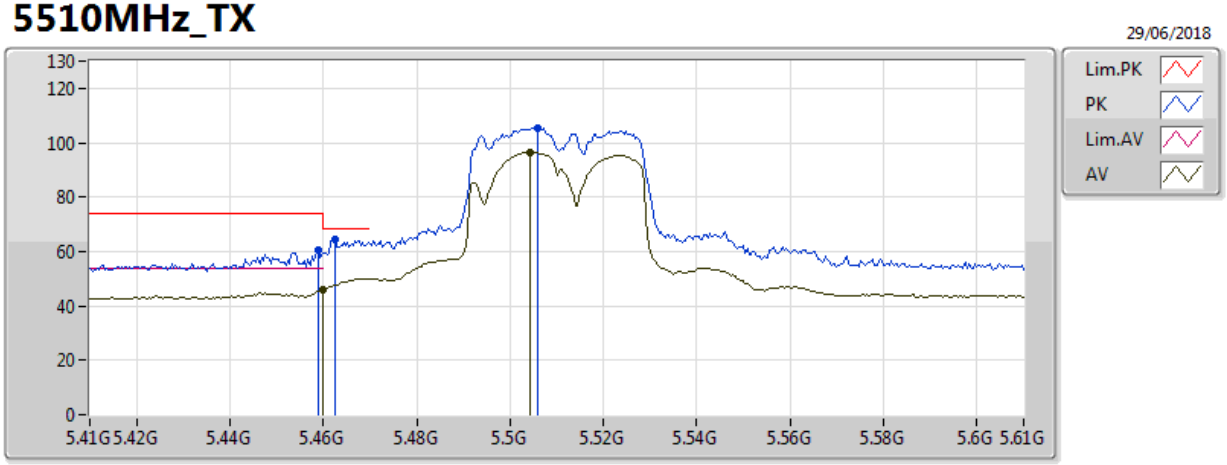
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	47.34	54.00	-6.66	3.10	3	Vertical	342	2.45	-
AV	5.5084G	98.85	Inf	-Inf	3.16	3	Vertical	342	2.45	-
PK	5.4584G	62.89	74.00	-11.11	3.10	3	Vertical	342	2.45	-
PK	5.4696G	67.74	68.20	-0.46	3.11	3	Vertical	342	2.45	-
PK	5.5072G	107.92	Inf	-Inf	3.15	3	Vertical	342	2.45	-

802.11ac VHT40_Nss1,(MCS0)_2TX

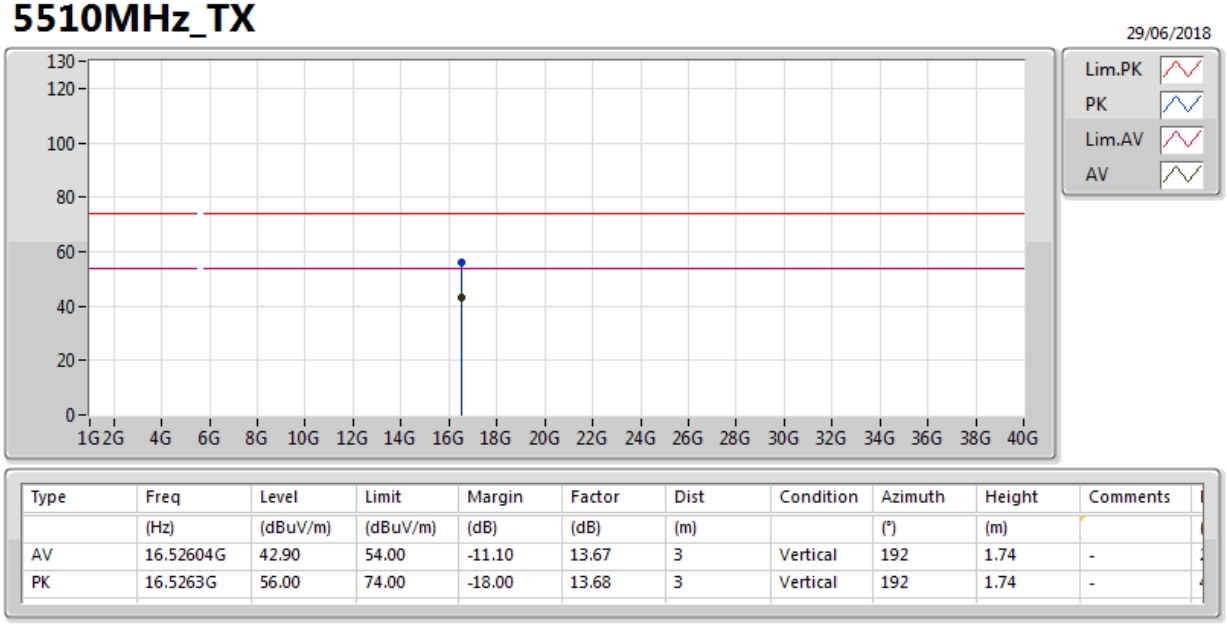
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	45.75	54.00	-8.25	3.10	3	Horizontal	12	1.71	-
AV	5.5044G	96.64	Inf	-Inf	3.15	3	Horizontal	12	1.71	-
PK	5.4588G	60.29	74.00	-13.71	3.10	3	Horizontal	12	1.71	-
PK	5.4624G	64.53	68.20	-3.67	3.10	3	Horizontal	12	1.71	-
PK	5.506G	105.25	Inf	-Inf	3.15	3	Horizontal	12	1.71	-

802.11ac VHT40_Nss1,(MCS0)_2TX

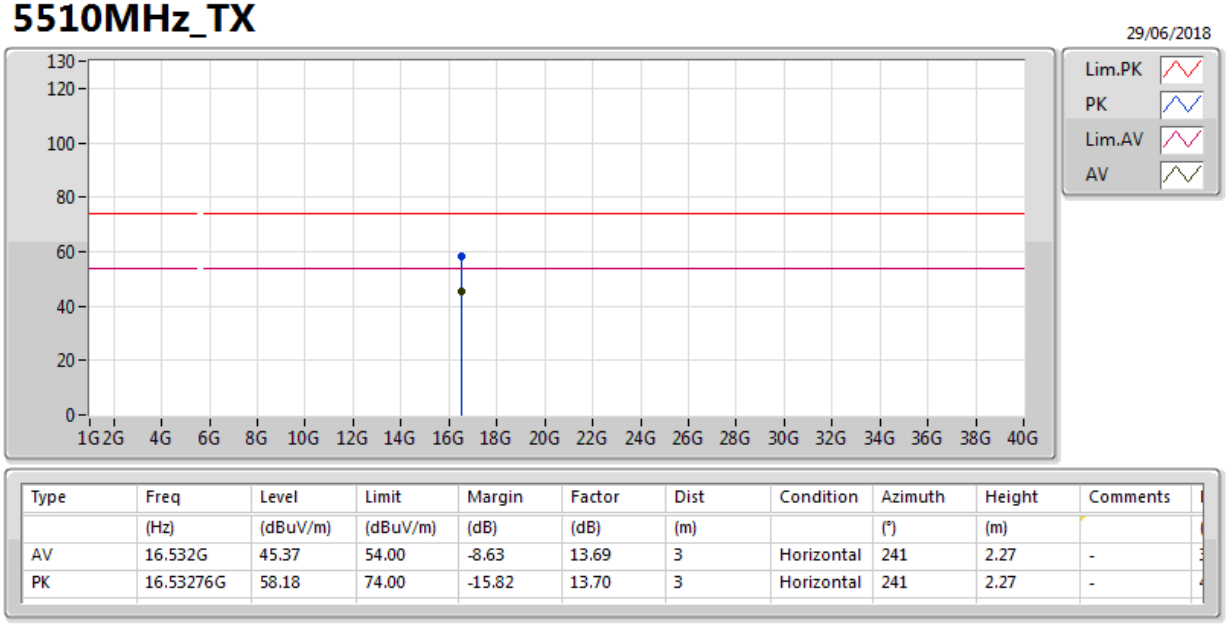
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.52604G	42.90	54.00	-11.10	13.67	3	Vertical	192	1.74	-
PK	16.5263G	56.00	74.00	-18.00	13.68	3	Vertical	192	1.74	-

802.11ac VHT40_Nss1,(MCS0)_2TX

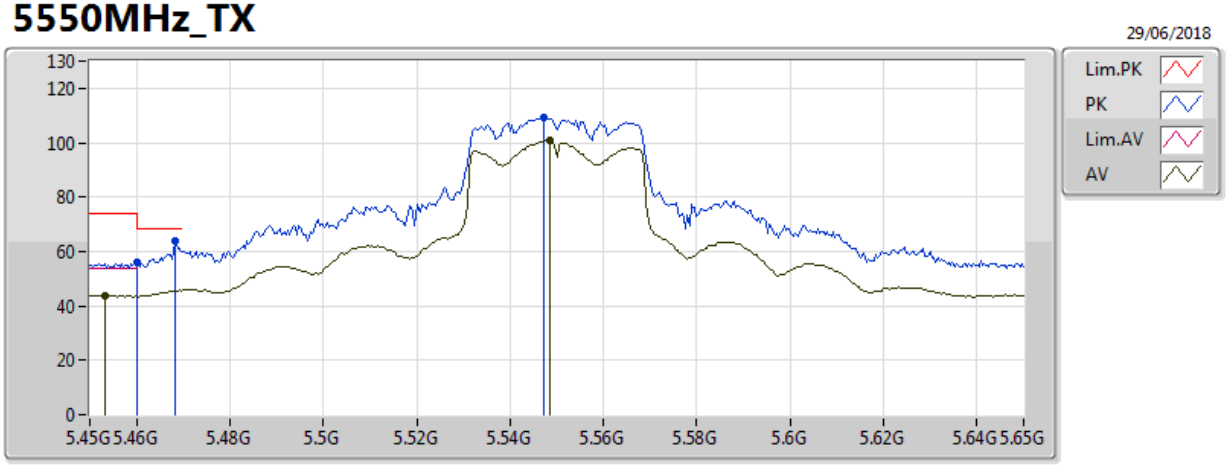
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.532G	45.37	54.00	-8.63	13.69	3	Horizontal	241	2.27	-
PK	16.53276G	58.18	74.00	-15.82	13.70	3	Horizontal	241	2.27	-

802.11ac VHT40_Nss1,(MCS0)_2TX

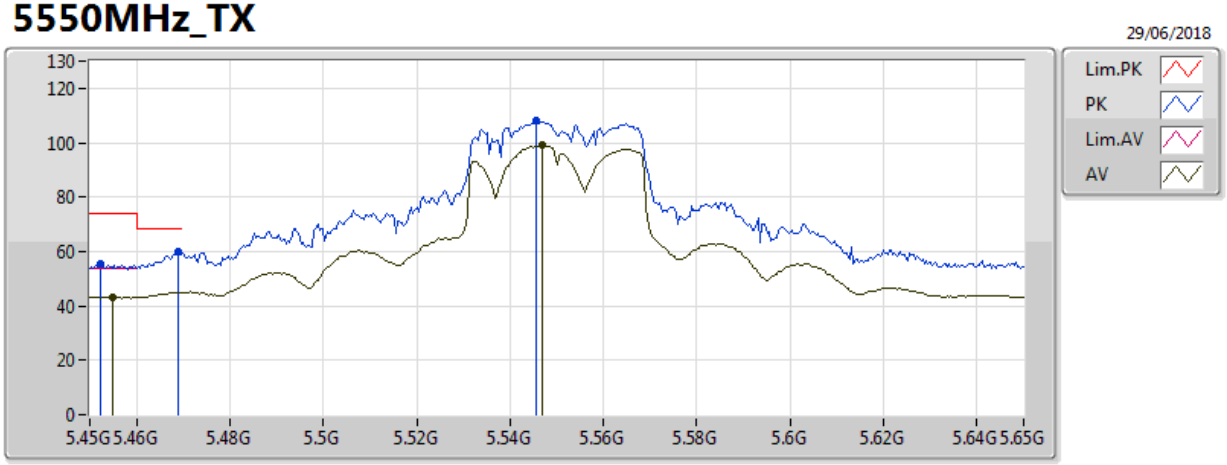
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4532G	43.85	54.00	-10.15	3.09	3	Vertical	331	2.20	-
AV	5.5484G	100.62	Inf	-Inf	3.24	3	Vertical	331	2.20	-
PK	5.459995G	55.85	74.00	-18.15	3.10	3	Vertical	331	2.20	-
PK	5.4684G	63.73	68.20	-4.47	3.11	3	Vertical	331	2.20	-
PK	5.5472G	109.41	Inf	-Inf	3.23	3	Vertical	331	2.20	-

802.11ac VHT40_Nss1,(MCS0)_2TX

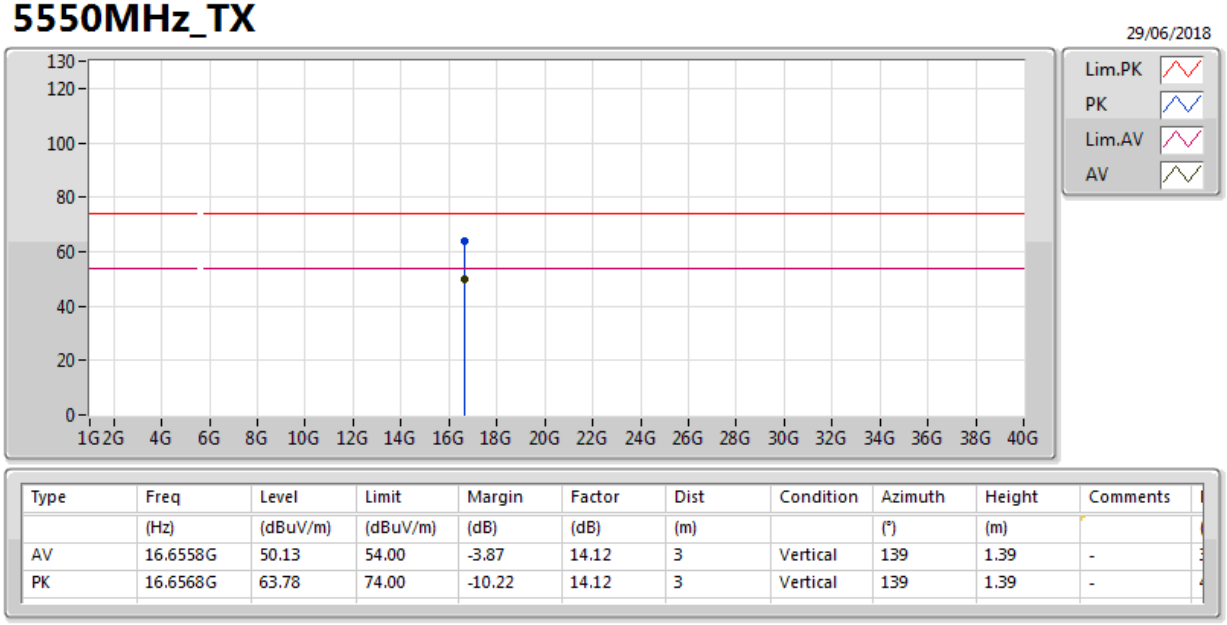
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4548G	43.27	54.00	-10.73	3.09	3	Horizontal	1	1.05	-
AV	5.5468G	99.02	Inf	-Inf	3.23	3	Horizontal	1	1.05	-
PK	5.4524G	55.25	74.00	-18.75	3.09	3	Horizontal	1	1.05	-
PK	5.4688G	60.20	68.20	-8.00	3.11	3	Horizontal	1	1.05	-
PK	5.5456G	107.98	Inf	-Inf	3.23	3	Horizontal	1	1.05	-

802.11ac VHT40_Nss1,(MCS0)_2TX

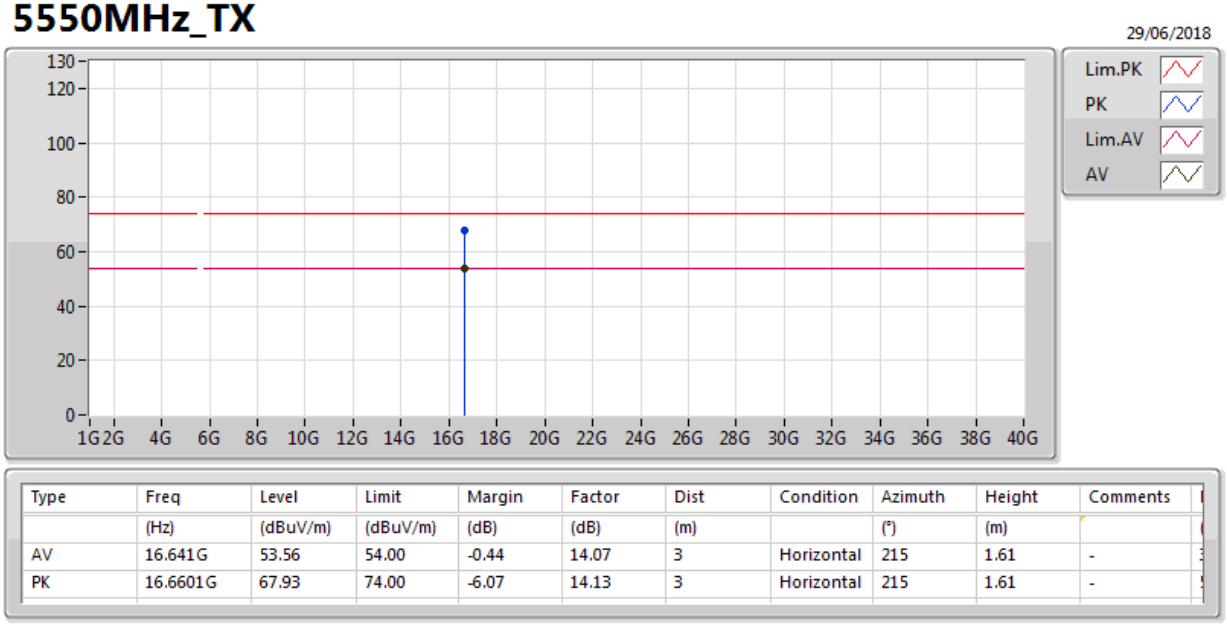
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.6558G	50.13	54.00	-3.87	14.12	3	Vertical	139	1.39	-
PK	16.6568G	63.78	74.00	-10.22	14.12	3	Vertical	139	1.39	-

802.11ac VHT40_Nss1,(MCS0)_2TX

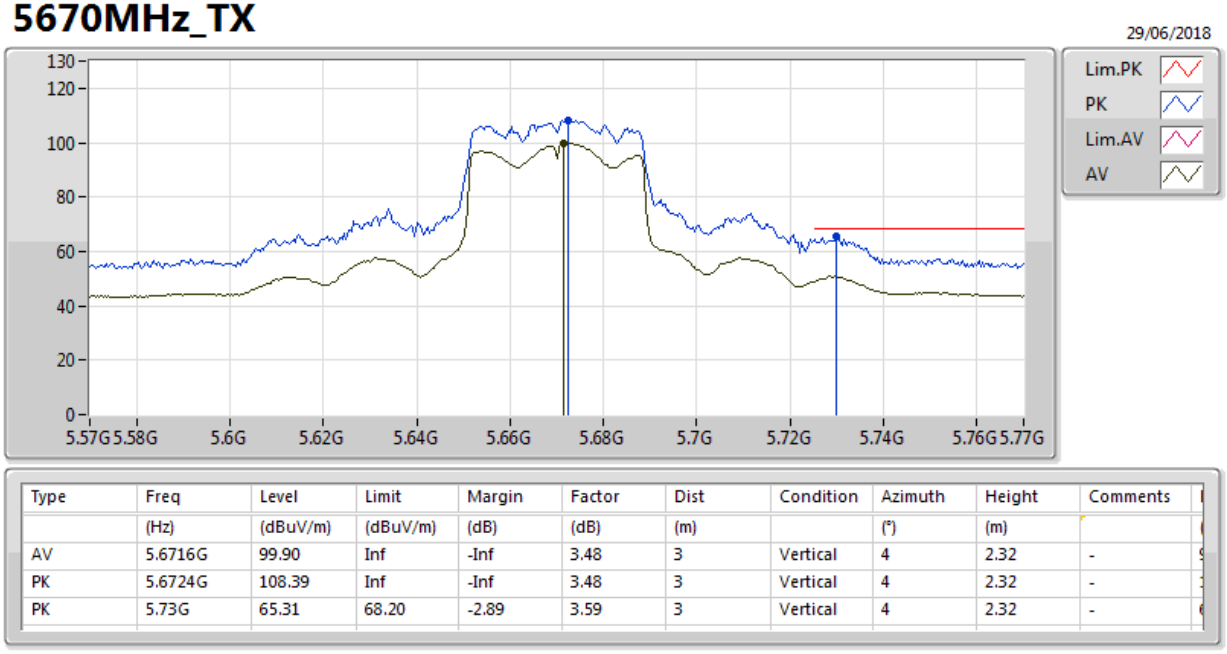
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.641G	53.56	54.00	-0.44	14.07	3	Horizontal	215	1.61	-
PK	16.6601G	67.93	74.00	-6.07	14.13	3	Horizontal	215	1.61	-

802.11ac VHT40_Nss1,(MCS0)_2TX

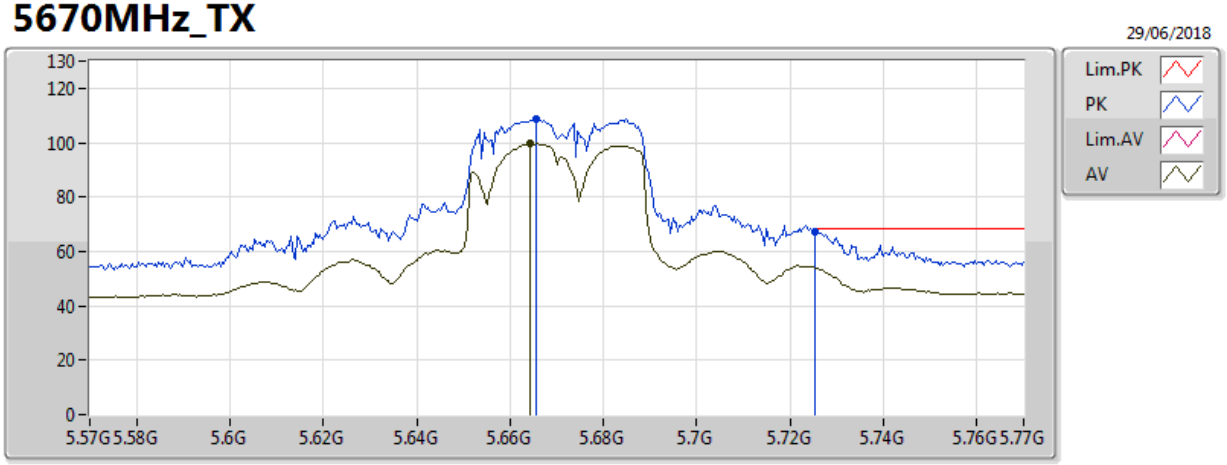
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6716G	99.90	Inf	-Inf	3.48	3	Vertical	4	2.32	-
PK	5.6724G	108.39	Inf	-Inf	3.48	3	Vertical	4	2.32	-
PK	5.73G	65.31	68.20	-2.89	3.59	3	Vertical	4	2.32	-

802.11ac VHT40_Nss1,(MCS0)_2TX

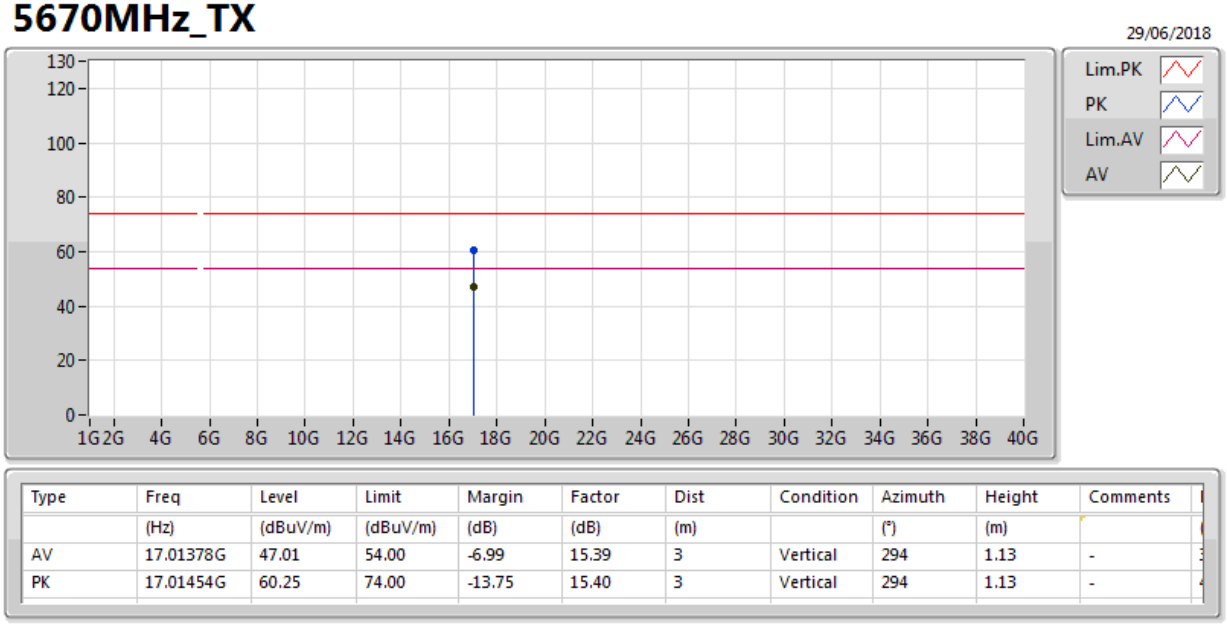
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.6644G	99.71	Inf	-Inf	3.47	3	Horizontal	284	1.97	-
PK	5.6656G	108.87	Inf	-Inf	3.47	3	Horizontal	284	1.97	-
PK	5.7252G	67.51	68.20	-0.69	3.59	3	Horizontal	284	1.97	-

802.11ac VHT40_Nss1,(MCS0)_2TX

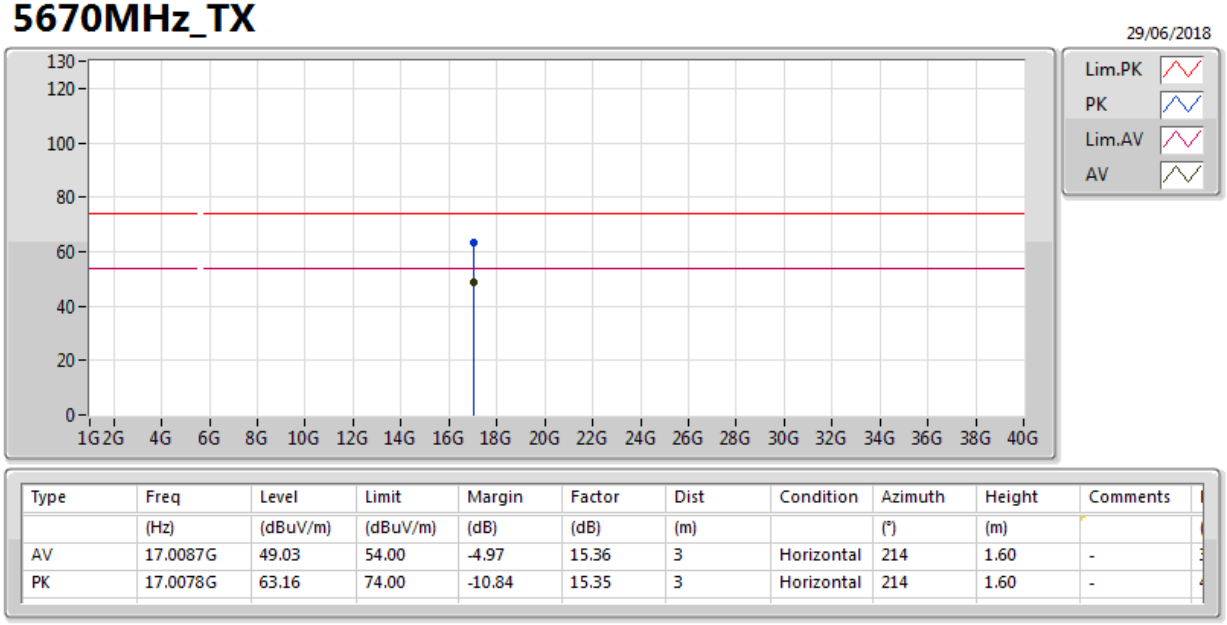
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.01378G	47.01	54.00	-6.99	15.39	3	Vertical	294	1.13	-
PK	17.01454G	60.25	74.00	-13.75	15.40	3	Vertical	294	1.13	-

802.11ac VHT40_Nss1,(MCS0)_2TX

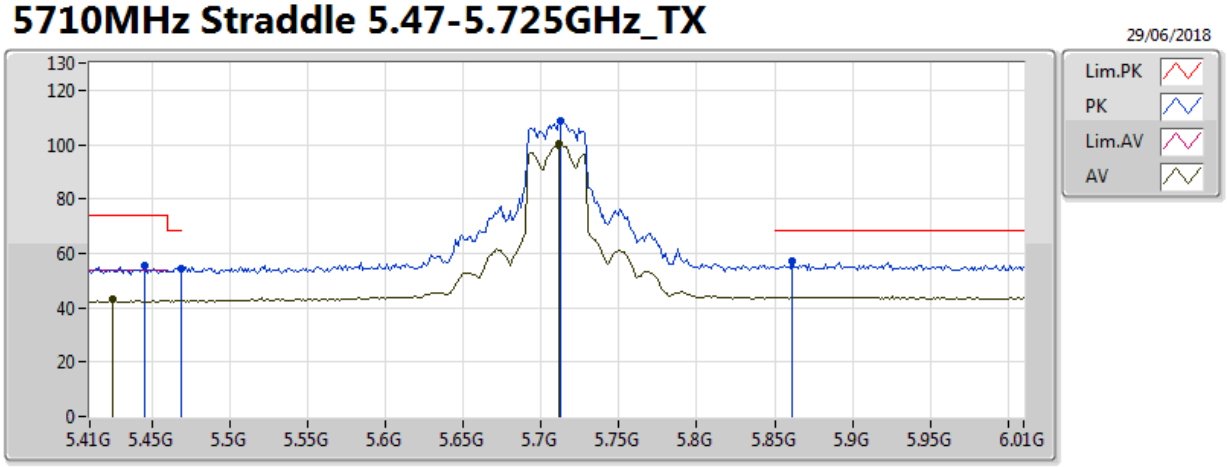
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0087G	49.03	54.00	-4.97	15.36	3	Horizontal	214	1.60	-
PK	17.0078G	63.16	74.00	-10.84	15.35	3	Horizontal	214	1.60	-

802.11ac VHT40_Nss1,(MCS0)_2TX

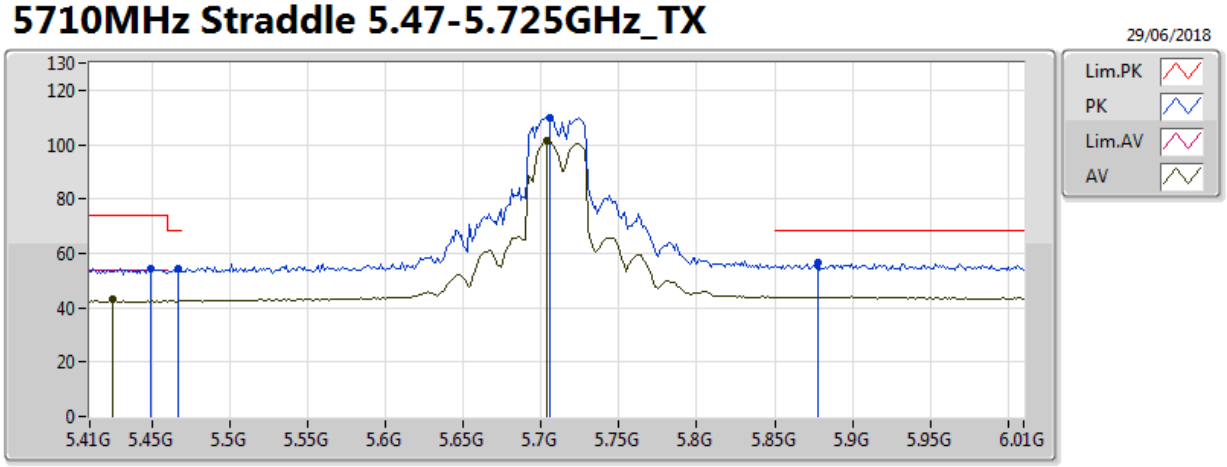
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4244G	42.91	54.00	-11.09	3.06	3	Vertical	354	2.66	-
AV	5.7112G	100.33	Inf	-Inf	3.56	3	Vertical	354	2.66	-
PK	5.4448G	55.28	74.00	-18.72	3.08	3	Vertical	354	2.66	-
PK	5.4688G	54.54	68.20	-13.66	3.11	3	Vertical	354	2.66	-
PK	5.7124G	108.78	Inf	-Inf	3.56	3	Vertical	354	2.66	-
PK	5.8612G	56.99	68.20	-11.21	3.85	3	Vertical	354	2.66	-

802.11ac VHT40_Nss1,(MCS0)_2TX

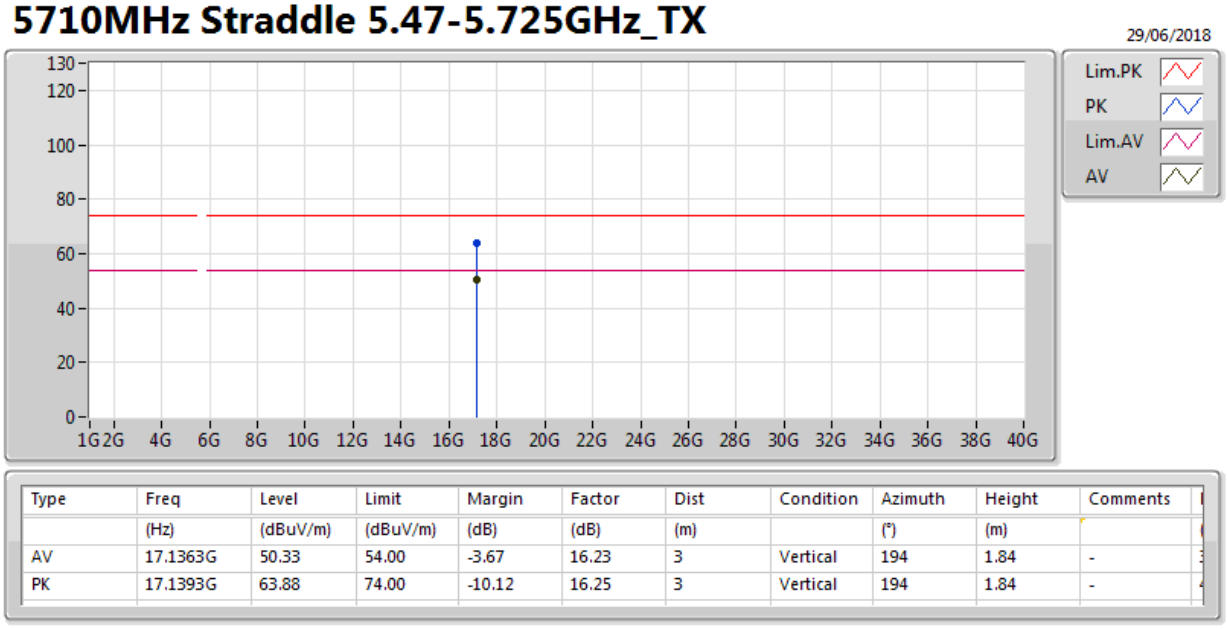
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.4244G	42.93	54.00	-11.07	3.06	3	Horizontal	271	2.12	-
AV	5.704G	101.39	Inf	-Inf	3.55	3	Horizontal	271	2.12	-
PK	5.4496G	54.55	74.00	-19.45	3.08	3	Horizontal	271	2.12	-
PK	5.4664G	54.63	68.20	-13.57	3.11	3	Horizontal	271	2.12	-
PK	5.7052G	109.93	Inf	-Inf	3.55	3	Horizontal	271	2.12	-
PK	5.878G	56.39	68.20	-11.81	3.88	3	Horizontal	271	2.12	-

802.11ac VHT40_Nss1,(MCS0)_2TX

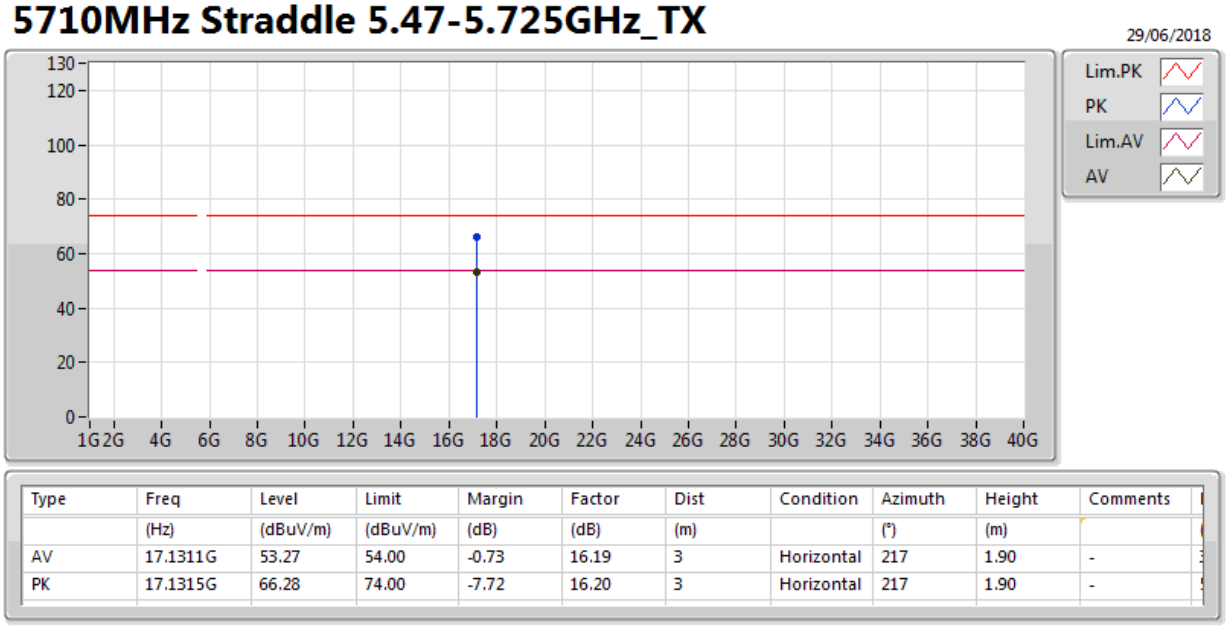
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1363G	50.33	54.00	-3.67	16.23	3	Vertical	194	1.84	-
PK	17.1393G	63.88	74.00	-10.12	16.25	3	Vertical	194	1.84	-

802.11ac VHT40_Nss1,(MCS0)_2TX

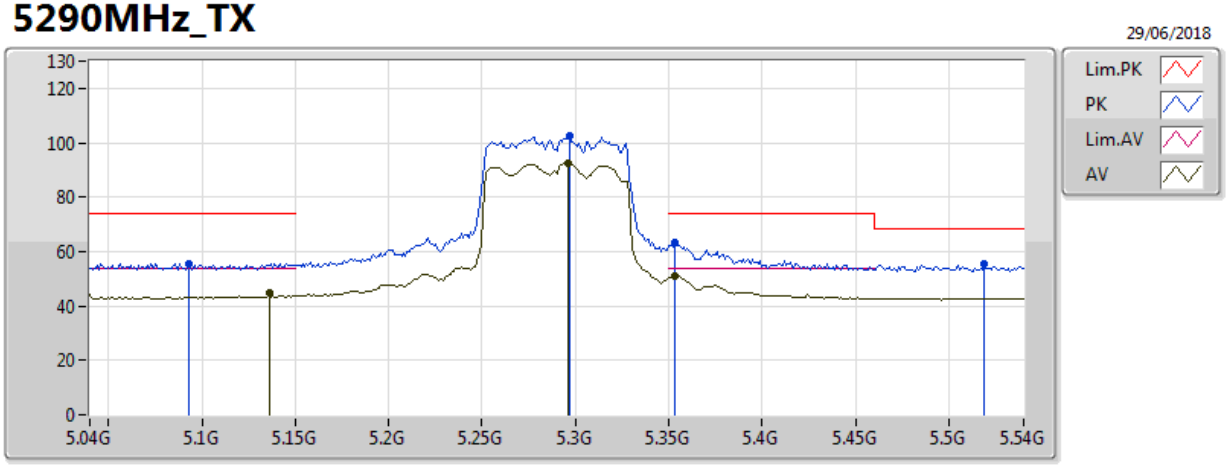
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.1311G	53.27	54.00	-0.73	16.19	3	Horizontal	217	1.90	-
PK	17.1315G	66.28	74.00	-7.72	16.20	3	Horizontal	217	1.90	-

802.11ac VHT80_Nss1,(MCS0)_2TX

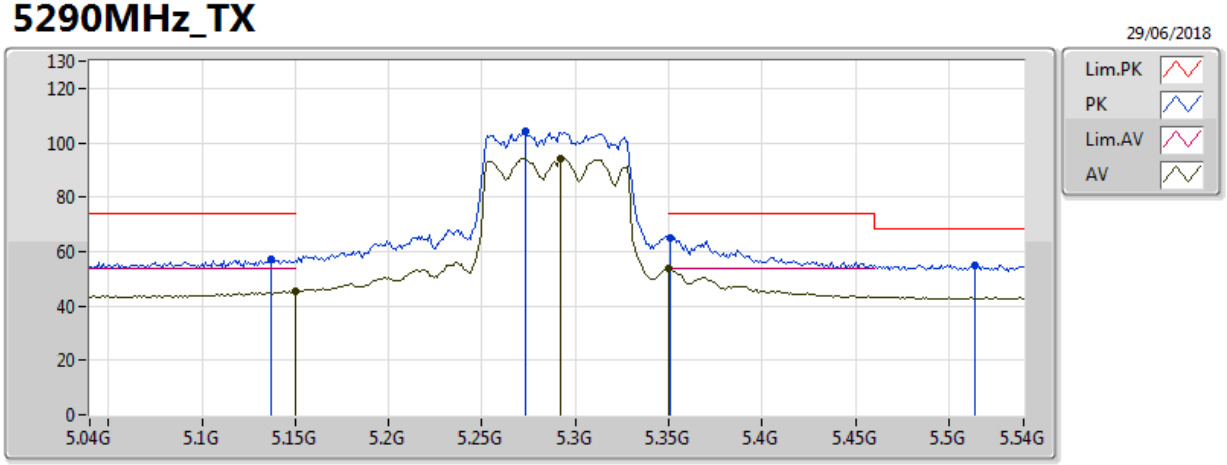
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.136G	44.59	54.00	-9.41	2.73	3	Vertical	360	1.03	-
AV	5.296G	92.56	Inf	-Inf	2.91	3	Vertical	360	1.03	-
AV	5.353G	50.98	54.00	-3.02	2.97	3	Vertical	360	1.03	-
PK	5.093G	55.64	74.00	-18.36	2.68	3	Vertical	360	1.03	-
PK	5.297G	102.43	Inf	-Inf	2.91	3	Vertical	360	1.03	-
PK	5.353G	63.06	74.00	-10.94	2.97	3	Vertical	360	1.03	-
PK	5.519G	55.31	68.20	-12.89	3.18	3	Vertical	360	1.03	-

802.11ac VHT80_Nss1,(MCS0)_2TX

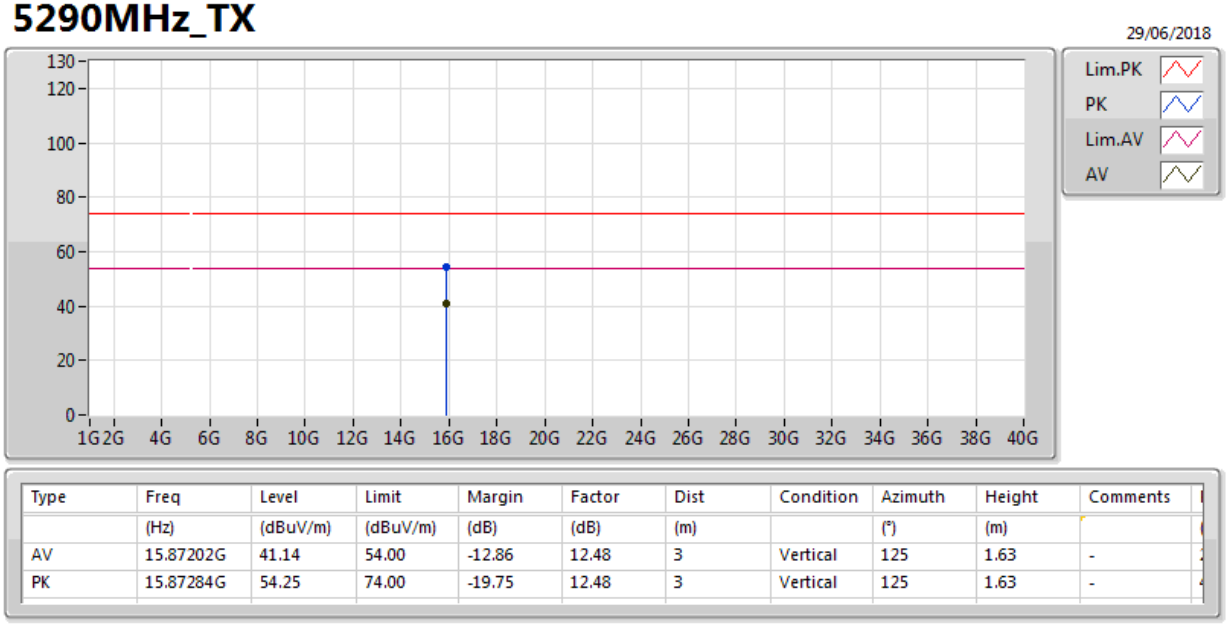
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.149995G	45.25	54.00	-8.75	2.74	3	Horizontal	298	1.96	-
AV	5.292G	94.21	Inf	-Inf	2.90	3	Horizontal	298	1.96	-
AV	5.350005G	53.70	54.00	-0.30	2.97	3	Horizontal	298	1.96	-
PK	5.137G	57.38	74.00	-16.62	2.73	3	Horizontal	298	1.96	-
PK	5.273G	104.14	Inf	-Inf	2.88	3	Horizontal	298	1.96	-
PK	5.351G	65.10	74.00	-8.90	2.97	3	Horizontal	298	1.96	-
PK	5.514G	55.12	68.20	-13.08	3.17	3	Horizontal	298	1.96	-

802.11ac VHT80_Nss1,(MCS0)_2TX

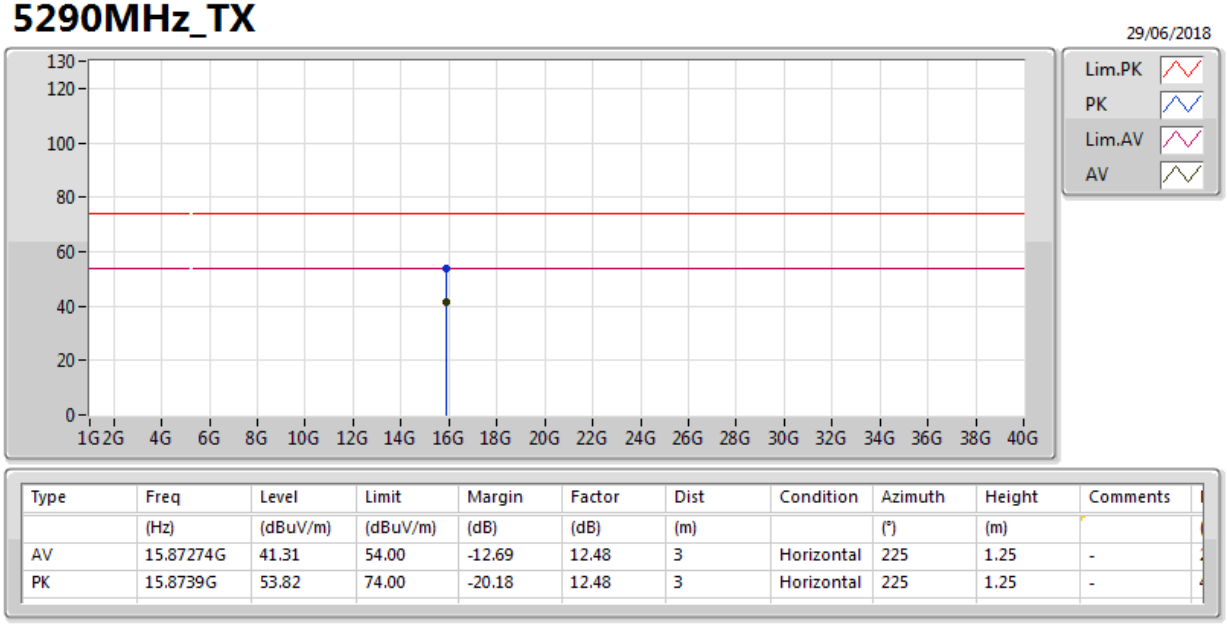
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.87202G	41.14	54.00	-12.86	12.48	3	Vertical	125	1.63	-
PK	15.87284G	54.25	74.00	-19.75	12.48	3	Vertical	125	1.63	-

802.11ac VHT80_Nss1,(MCS0)_2TX

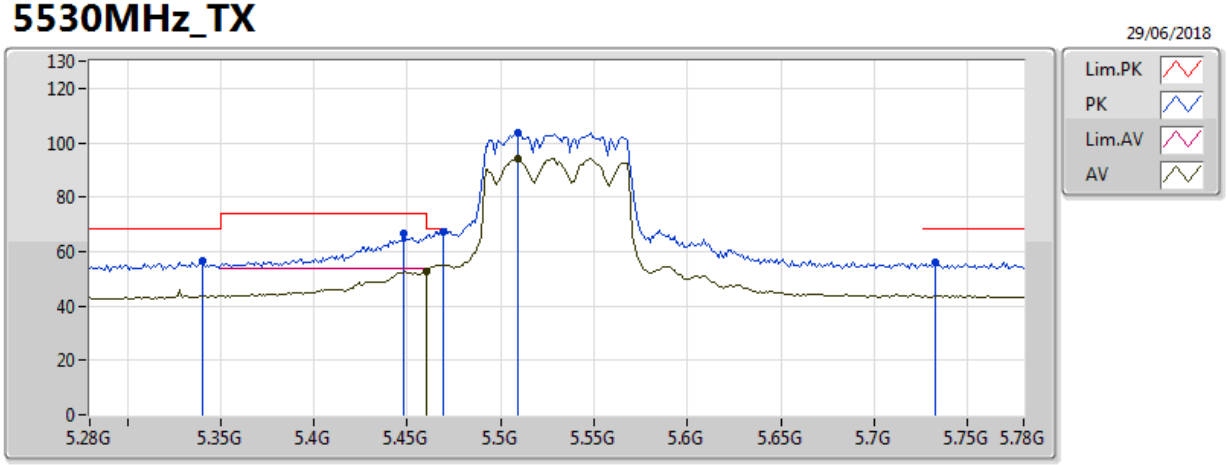
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	15.87274G	41.31	54.00	-12.69	12.48	3	Horizontal	225	1.25	-
PK	15.8739G	53.82	74.00	-20.18	12.48	3	Horizontal	225	1.25	-

802.11ac VHT80_Nss1,(MCS0)_2TX

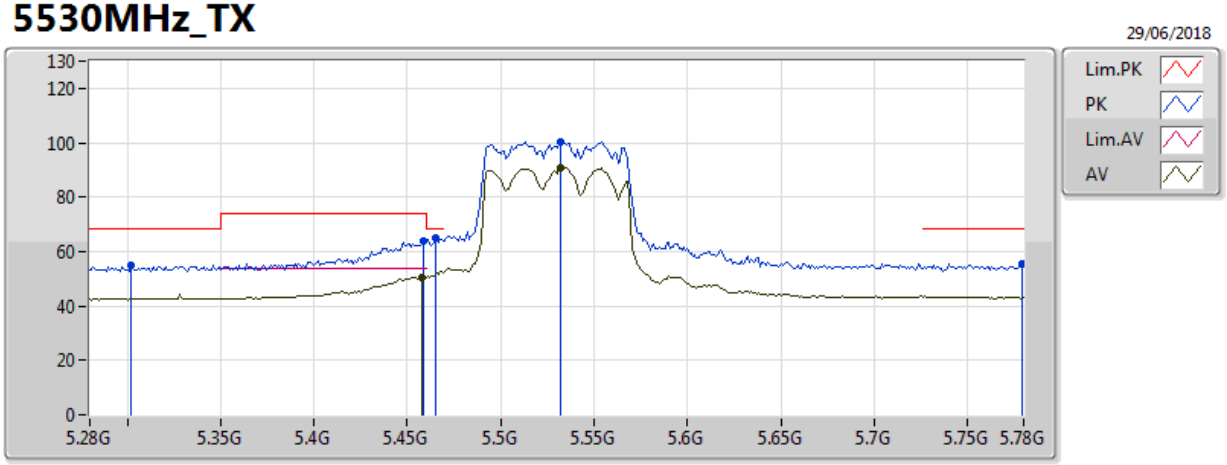
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	52.83	54.00	-1.17	3.10	3	Vertical	340	2.45	-
AV	5.509G	94.12	Inf	-Inf	3.16	3	Vertical	340	2.45	-
PK	5.34G	56.53	68.20	-11.67	2.96	3	Vertical	340	2.45	-
PK	5.448G	66.43	74.00	-7.57	3.08	3	Vertical	340	2.45	-
PK	5.469G	67.39	68.20	-0.81	3.11	3	Vertical	340	2.45	-
PK	5.509G	103.82	Inf	-Inf	3.16	3	Vertical	340	2.45	-
PK	5.733G	55.98	68.20	-12.22	3.60	3	Vertical	340	2.45	-

802.11ac VHT80_Nss1,(MCS0)_2TX

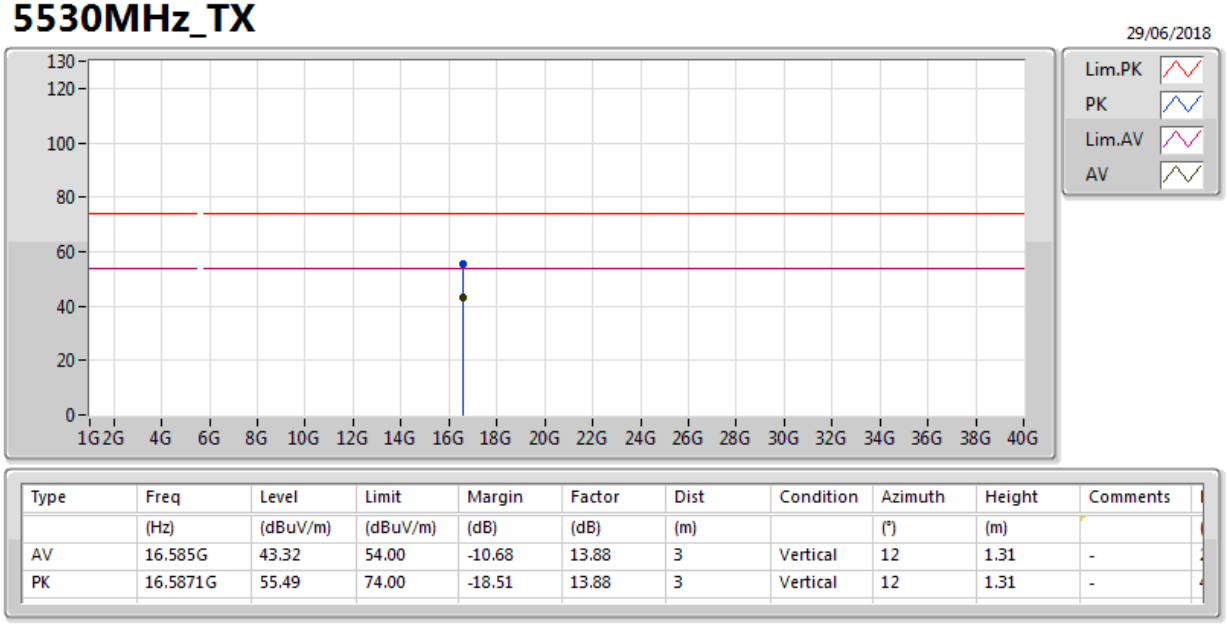
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.458G	50.56	54.00	-3.44	3.09	3	Horizontal	10	1.79	-
AV	5.532G	90.75	Inf	-Inf	3.20	3	Horizontal	10	1.79	-
PK	5.302G	55.01	68.20	-13.19	2.91	3	Horizontal	10	1.79	-
PK	5.459G	63.64	74.00	-10.36	3.10	3	Horizontal	10	1.79	-
PK	5.465G	64.96	68.20	-3.24	3.11	3	Horizontal	10	1.79	-
PK	5.532G	100.38	Inf	-Inf	3.20	3	Horizontal	10	1.79	-
PK	5.779G	55.53	68.20	-12.67	3.69	3	Horizontal	10	1.79	-

802.11ac VHT80_Nss1,(MCS0)_2TX

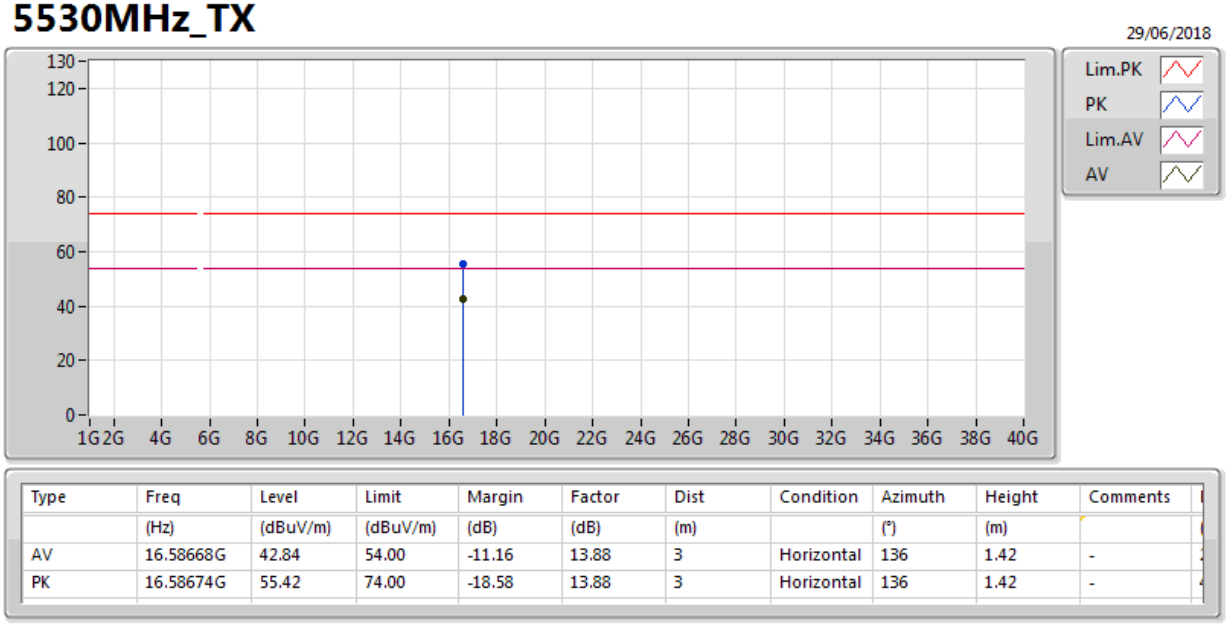
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.585G	43.32	54.00	-10.68	13.88	3	Vertical	12	1.31	-
PK	16.5871G	55.49	74.00	-18.51	13.88	3	Vertical	12	1.31	-

802.11ac VHT80_Nss1,(MCS0)_2TX

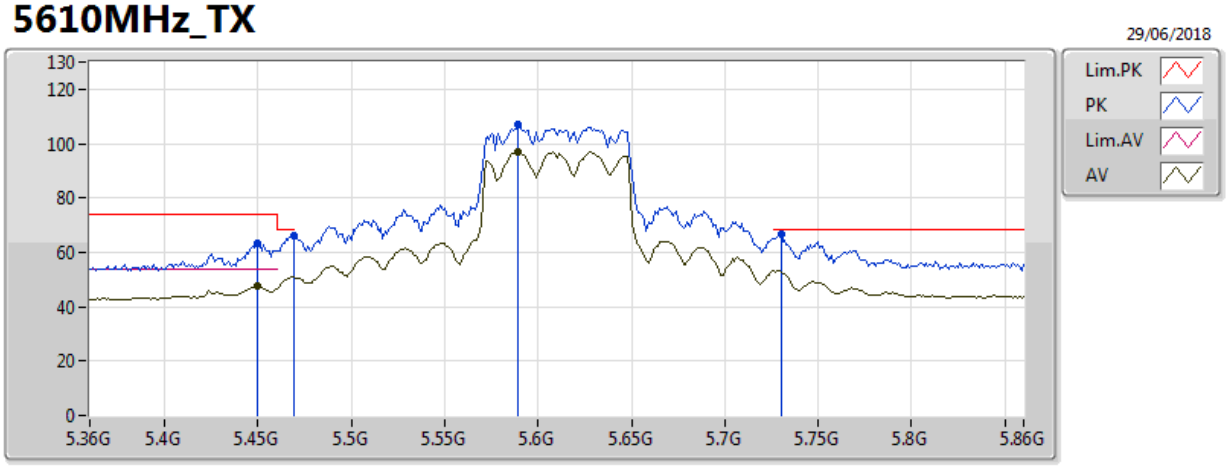
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.58668G	42.84	54.00	-11.16	13.88	3	Horizontal	136	1.42	-
PK	16.58674G	55.42	74.00	-18.58	13.88	3	Horizontal	136	1.42	-

802.11ac VHT80_Nss1,(MCS0)_2TX

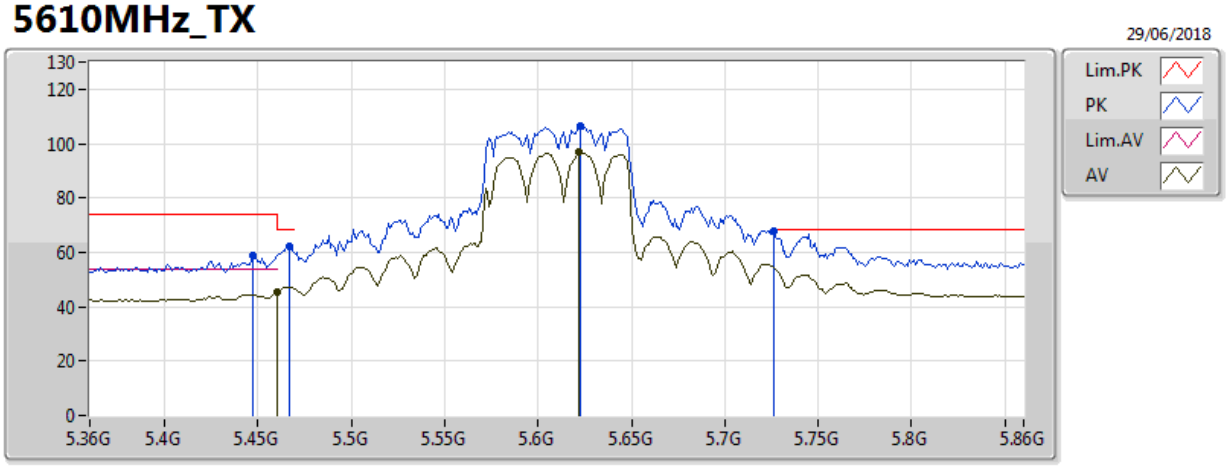
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.45G	47.46	54.00	-6.54	3.08	3	Vertical	340	2.39	-
AV	5.589G	97.15	Inf	-Inf	3.32	3	Vertical	340	2.39	-
PK	5.45G	63.20	74.00	-10.80	3.08	3	Vertical	340	2.39	-
PK	5.469G	66.36	68.20	-1.84	3.11	3	Vertical	340	2.39	-
PK	5.589G	106.83	Inf	-Inf	3.32	3	Vertical	340	2.39	-
PK	5.73G	66.48	68.20	-1.72	3.59	3	Vertical	340	2.39	-

802.11ac VHT80_Nss1,(MCS0)_2TX

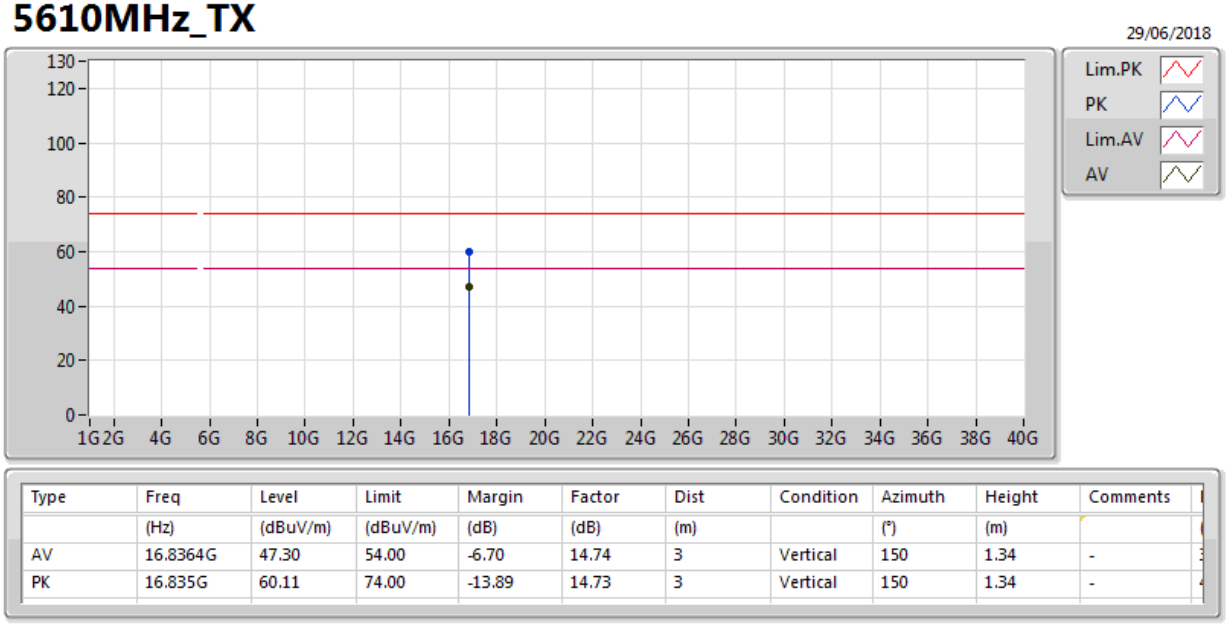
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	45.30	54.00	-8.70	3.10	3	Horizontal	278	1.97	-
AV	5.622G	96.75	Inf	-Inf	3.38	3	Horizontal	278	1.97	-
PK	5.447G	58.91	74.00	-15.09	3.08	3	Horizontal	278	1.97	-
PK	5.467G	62.45	68.20	-5.75	3.11	3	Horizontal	278	1.97	-
PK	5.623G	106.25	Inf	-Inf	3.39	3	Horizontal	278	1.97	-
PK	5.726G	67.64	68.20	-0.56	3.59	3	Horizontal	278	1.97	-

802.11ac VHT80_Nss1,(MCS0)_2TX

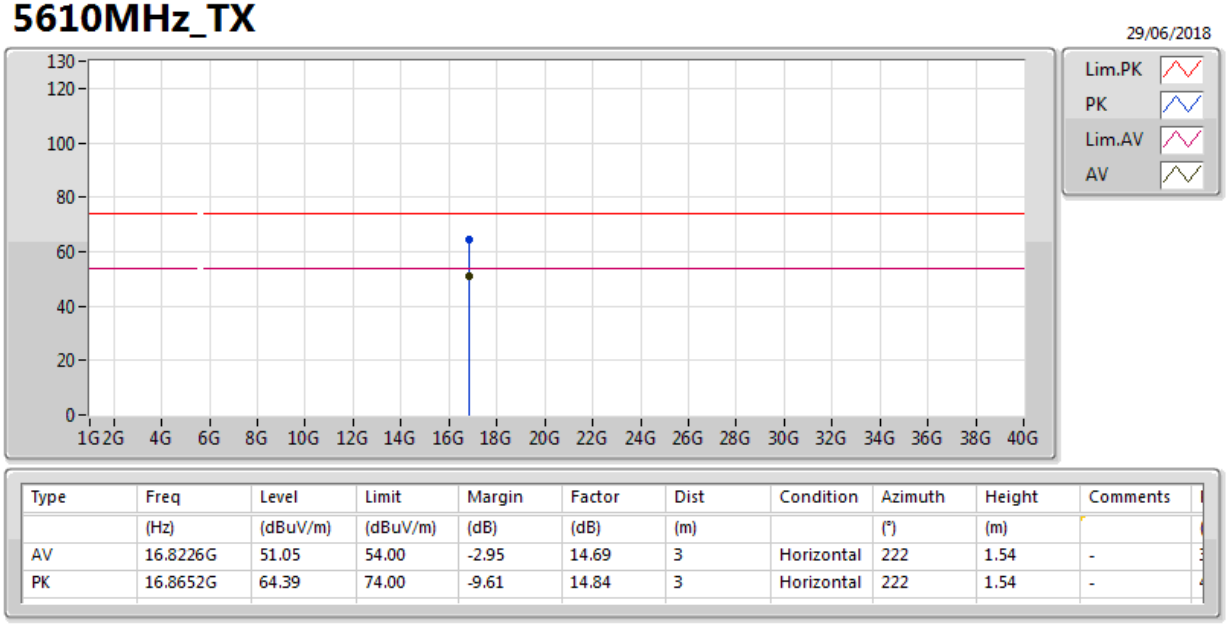
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.8364G	47.30	54.00	-6.70	14.74	3	Vertical	150	1.34	-
PK	16.835G	60.11	74.00	-13.89	14.73	3	Vertical	150	1.34	-

802.11ac VHT80_Nss1,(MCS0)_2TX

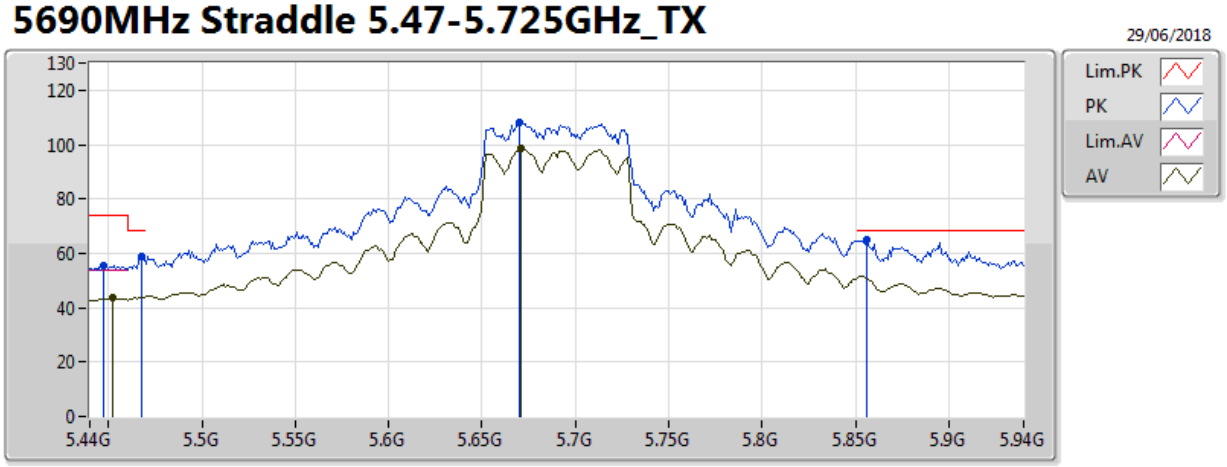
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	16.8226G	51.05	54.00	-2.95	14.69	3	Horizontal	222	1.54	-
PK	16.8652G	64.39	74.00	-9.61	14.84	3	Horizontal	222	1.54	-

802.11ac VHT80_Nss1,(MCS0)_2TX

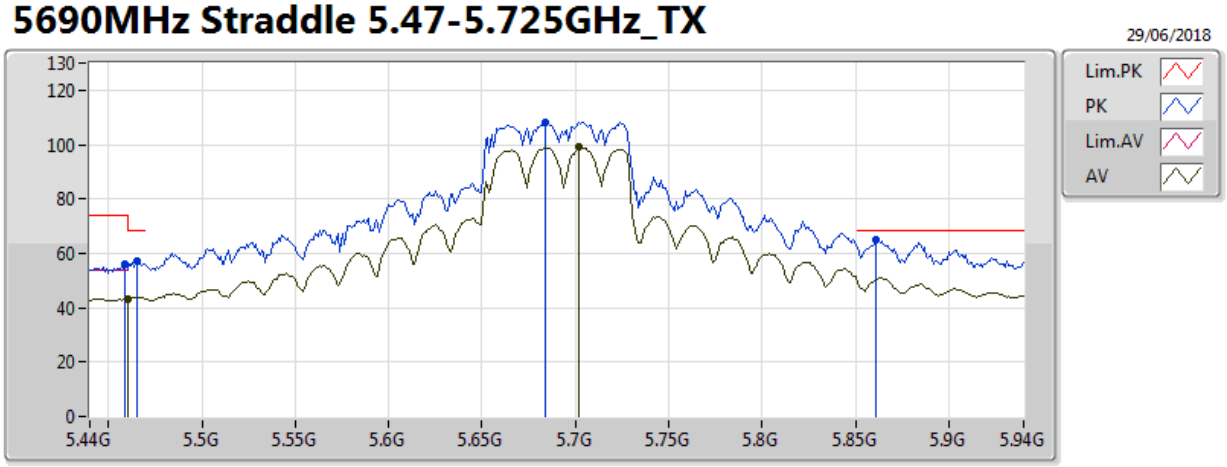
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.452G	43.52	54.00	-10.48	3.09	3	Vertical	354	2.33	-
AV	5.671G	98.53	Inf	-Inf	3.48	3	Vertical	354	2.33	-
PK	5.447G	55.61	74.00	-18.39	3.08	3	Vertical	354	2.33	-
PK	5.468G	58.90	68.20	-9.30	3.11	3	Vertical	354	2.33	-
PK	5.67G	108.09	Inf	-Inf	3.48	3	Vertical	354	2.33	-
PK	5.856G	64.72	68.20	-3.48	3.84	3	Vertical	354	2.33	-

802.11ac VHT80_Nss1,(MCS0)_2TX

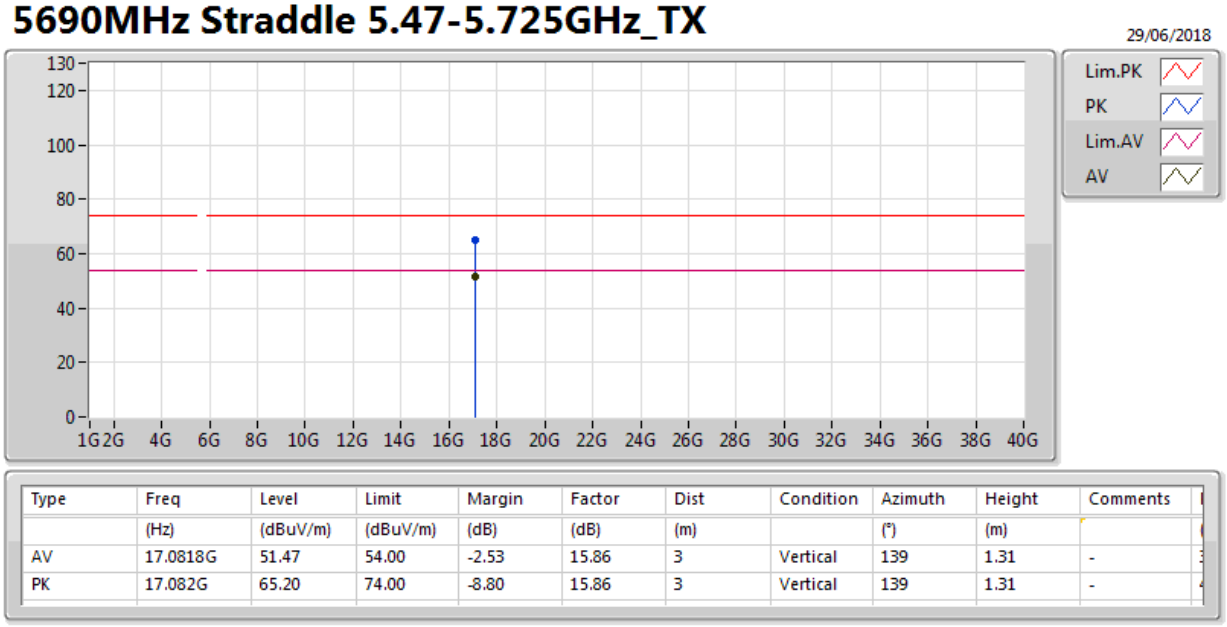
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	5.459995G	43.39	54.00	-10.61	3.10	3	Horizontal	268	2.17	-
AV	5.702G	99.09	Inf	-Inf	3.54	3	Horizontal	268	2.17	-
PK	5.459G	55.90	74.00	-18.10	3.10	3	Horizontal	268	2.17	-
PK	5.465G	57.04	68.20	-11.16	3.11	3	Horizontal	268	2.17	-
PK	5.684G	108.35	Inf	-Inf	3.51	3	Horizontal	268	2.17	-
PK	5.861G	64.82	68.20	-3.38	3.85	3	Horizontal	268	2.17	-

802.11ac VHT80_Nss1,(MCS0)_2TX

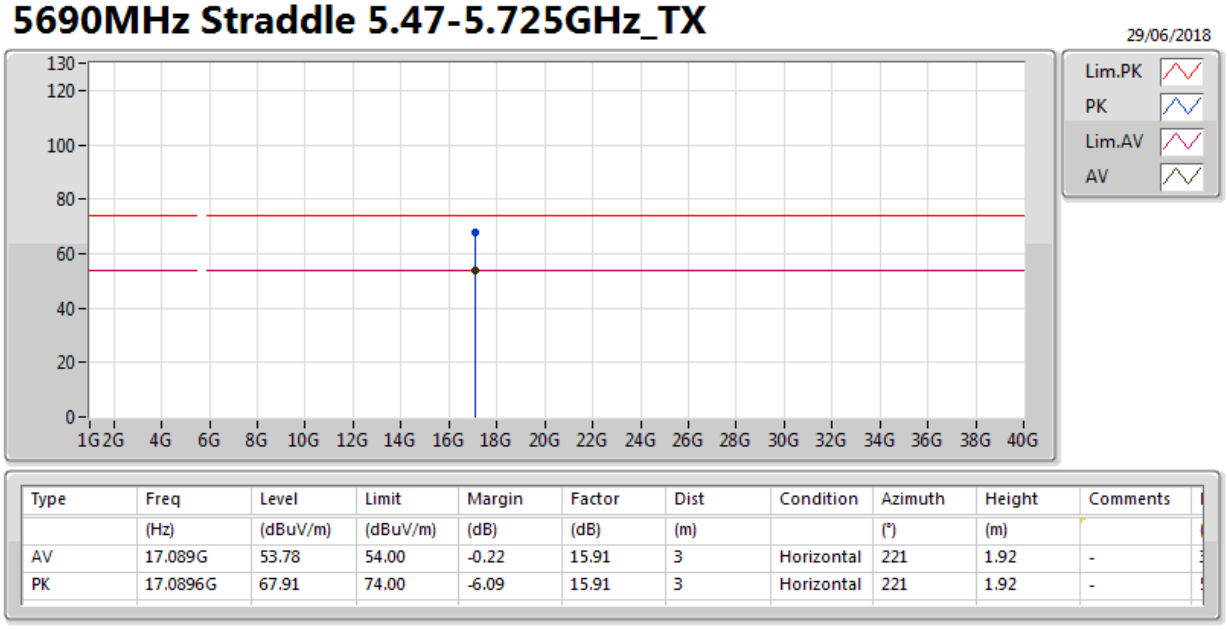
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.0818G	51.47	54.00	-2.53	15.86	3	Vertical	139	1.31	-
PK	17.082G	65.20	74.00	-8.80	15.86	3	Vertical	139	1.31	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	17.089G	53.78	54.00	-0.22	15.91	3	Horizontal	221	1.92	-
PK	17.0896G	67.91	74.00	-6.09	15.91	3	Horizontal	221	1.92	-

1. Photographs of Radiated Emissions Test Configuration

For radiated emissions above 1GHz

Front view

Rear view

———THE END———