FCC Radio Test Report

FCC ID	:	2AAAS-CM09
Equipment	:	Vivint Doorbell Camera Pro
Brand Name	:	Vivint
Model Name	:	CM09
Applicant	:	Vivint, Inc. 4931 N. 300 W., Provo, UT 84604 USA
Manufacturer	:	Chicony Electronics Co.,Ltd. No.69, Sec. 2, Guangfu Rd., Sanchong Dist. New Taipei City 241 Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Dec. 08, 2021, and testing was started from Dec. 25, 2021 and completed on Jan. 03, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

Table of Contents

HISTORY OF THIS TEST REPORT 3

SUMMARY OF TEST RESULT 4

1 GENERAL DESCRIPTION 5

1.1 Information 5
1.2 Testing Applied Standards 8
1.3 Testing Location Information 8
1.4 Measurement Uncertainty 8

2 TEST CONFIGURATION OF EUT 9

2.1 Test Channel Mode 9
2.2 The Worst Case Measurement Configuration 11
2.3 Support Equipment 12
2.4 Test Setup Diagram 13

3 TRANSMITTER TEST RESULT 14

3.1 AC Power-line Conducted Emissions 14
3.2 Emission Bandwidth 16
3.3 Maximum Conducted Output Power 17
3.4 Peak Power Spectral Density 19
3.5 Unwanted Emissions 21

4 TEST EQUIPMENT AND CALIBRATION DATA 25

APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS

APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH

APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER

APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY

APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS

APPENDIX F. TEST PHOTOS

PHOTOGRAPHS OF EUT V01

History of this test report

Report No.	Version	Description	Issued Date
FR1D0217AN	01	Initial issue of report	Jan. 25, 2022

Summary of Test Result

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

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Ben Tseng

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ac VHT20	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
5.15-5.25GHz	802.11ac VHT40	40	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
5.15-5.25GHz	802.11ac VHT80	80	2TX

Band	Mode	BWch (MHz)	Nant
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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
0	Amphenol	CY5765-15-001-C	PIFA	I-PEX
1	Amphenol	CY5765-15-002-C	PIFA	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
0	0	2.66	4.12	2.66
1	1	0.05	4.41	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 0 (port 0) and Ant. 1(port 1) could transmit/receive simultaneously.

For BT function:

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

Ant. 0 (port 0) could transmit/receive.

For 5GHz function:

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

Ant. 0 (port 0) and Ant. 1(port 1) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Transformer			
EUT Function	☐	Outdoor AP	☐	Indoor AP
	☐	Fixed P2P AP	☒	Client
Beamforming Function	☐	With beamforming	☒	Without beamforming
TPC Function	☐	With TPC Function	☒	Without TPC Function
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:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.93	0.32	1.428m	1k
802.11ac VHT20_Nss1,(MCS0)_2TX	0.931	0.31	1.337m	1k
802.11ac VHT40_Nss1,(MCS0)_2TX	0.871	0.6	668.438u	3k
802.11ac VHT80_Nss1,(MCS0)_2TX	0.771	1.13	332.5u	10k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

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

The following reference test guidance is not within the scope of accreditation of TAF:

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Edward Wang	21.5~22.0°C / 50~54%	30/Dec/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	29/Dec/2021~03/Jan/2022
Radiated	03CH03-HY	Edward Wang	20.1~23.4°C / 50~60%	25/Dec/2021~30/Dec/2021
☐ Wen 33rd.St.	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
(TAF: 3785**)**	**TEL:** 886-3-318-0787		**FAX:** 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	DOS v6.1

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	65
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	60
5500MHz	69
5580MHz	80
5700MHz	54
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80
5825MHz	80
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	65
5200MHz	80
5240MHz	80
5260MHz	80
5300MHz	80
5320MHz	59
5500MHz	58
5580MHz	80
5700MHz	48
5720MHz Straddle 5.47-5.725GHz	80
5720MHz Straddle 5.725-5.85GHz	80
5745MHz	80
5785MHz	80

Mode	Power Setting
5825MHz	80
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	45
5230MHz	80
5270MHz	80
5310MHz	32
5510MHz	40
5550MHz	80
5670MHz	80
5710MHz Straddle 5.47-5.725GHz	80
5710MHz Straddle 5.725-5.85GHz	80
5755MHz	80
5795MHz	80
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	47
5290MHz	28
5530MHz	30
5610MHz	80
5690MHz Straddle 5.47-5.725GHz	80
5690MHz Straddle 5.725-5.85GHz	80
5775MHz	80

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Transformer mode

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

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

2.3 Support Equipment

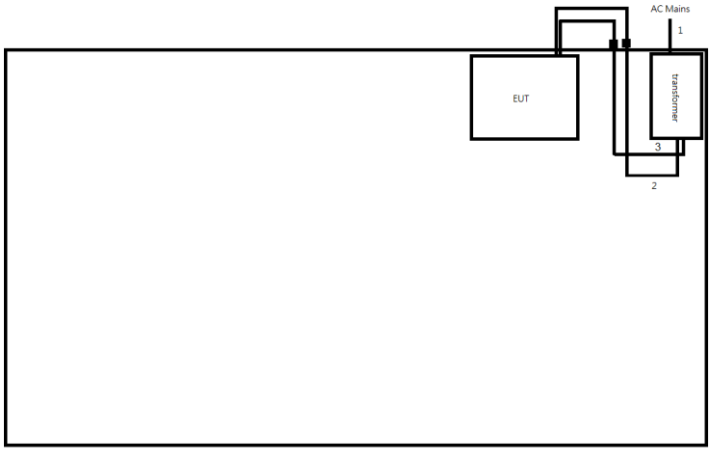
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Transformer	DONGGUAN	YJH-BYQ482405-F	-	Provided by Customer
2	Power Cable(Red)	-	-	-	-
3	Power Cable(Black)	-	-	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Transformer	DONGGUAN	YJH-BYQ482405-F	-	Provided by Customer
2	Power Cable(Red)	-	-	-	-
3	Power Cable(Black)	-	-	-	-

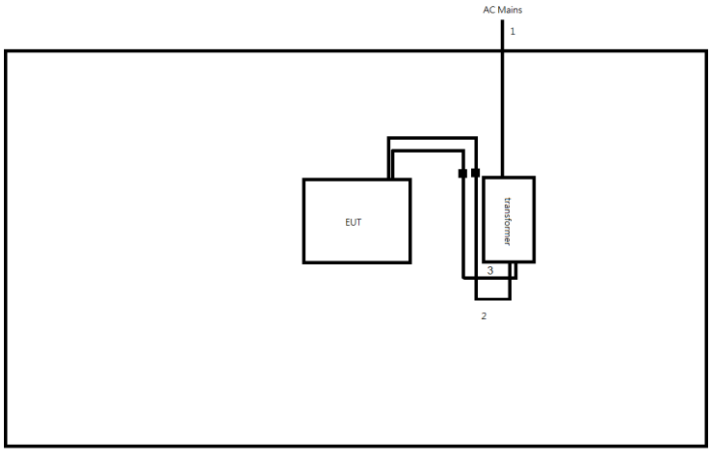
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	AC Power Cable	No	3.6m
2	Power Cable(Red)	No	1.0m
3	Power Cable(Black)	No	1.0m

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	AC Power Cable	No	3.6m
2	Power Cable(Red)	No	1.0m
3	Power Cable(Black)	No	1.0m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

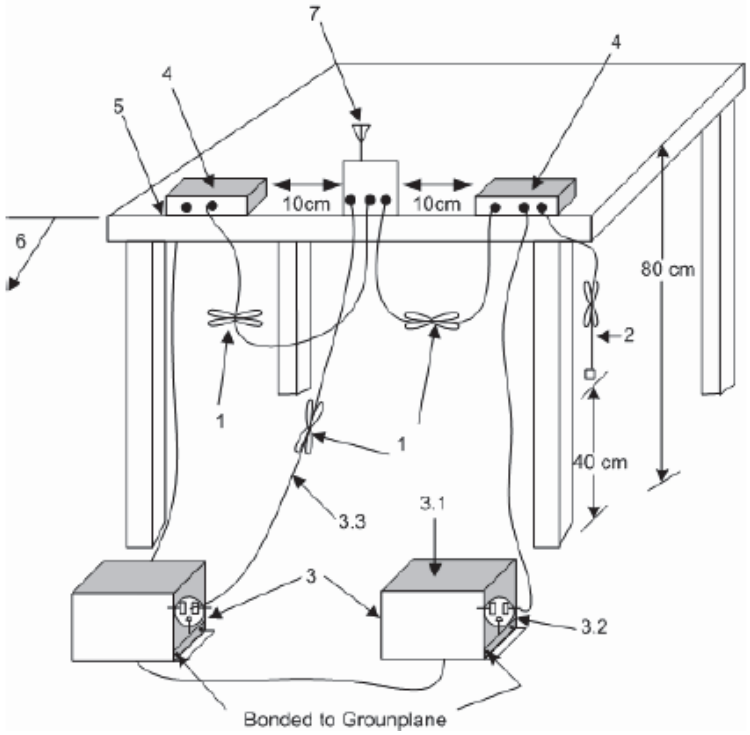
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☒ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, N/A
☒ For the 5.47-5.725 GHz band, N/A
☒ For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 500kHz.

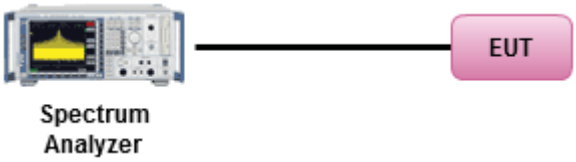
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
	☐ Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

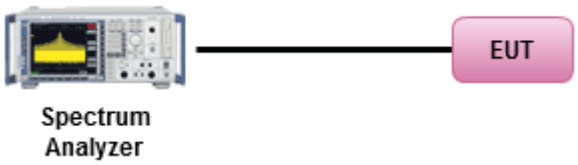
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

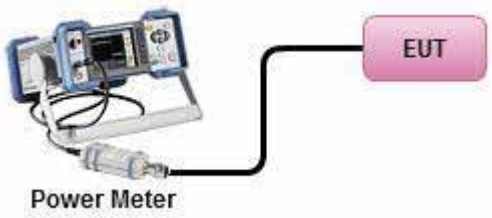
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.3.4 Test Setup

For Straddle channel

RF Output Power (Spectrum Analyzer)


For Other channel

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

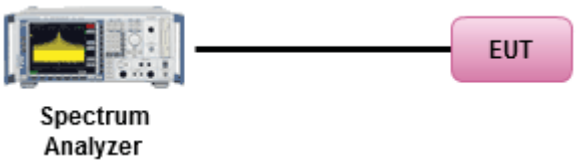
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3
Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements). Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT. Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.			

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
▪ Use the following spectrum analyzer settings:
▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

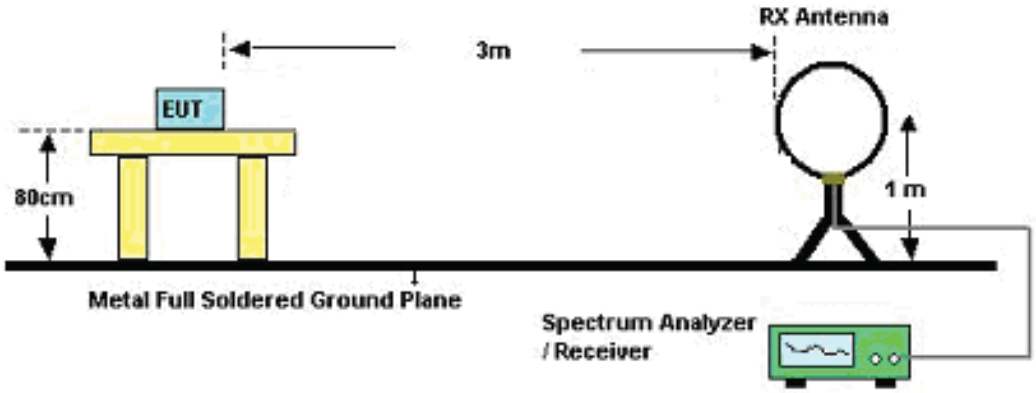
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

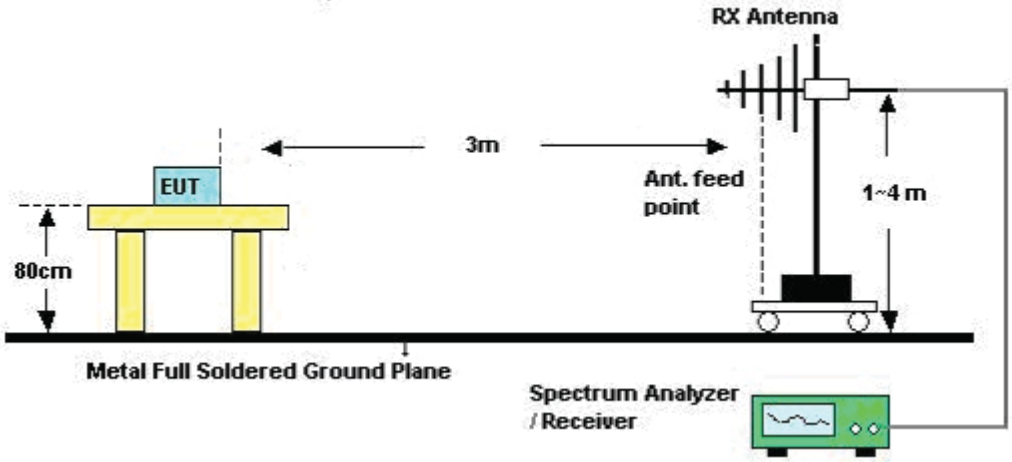
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

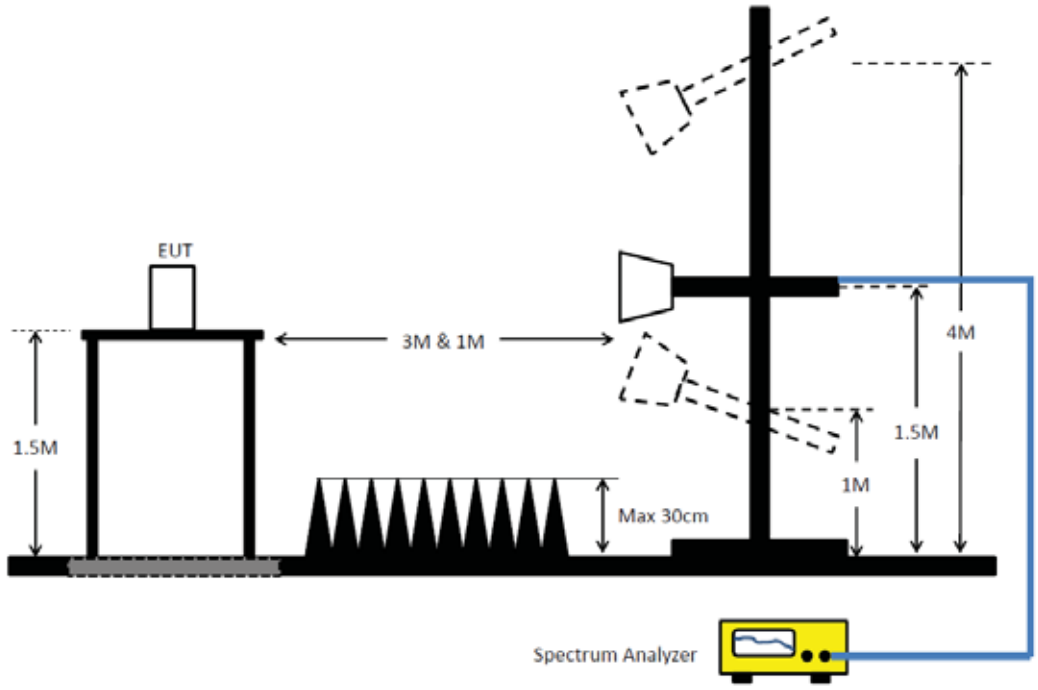
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101274	9kHz ~ 30MHz	13/May/2021	12/May/2022
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
SENSE-EMI	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	20/Oct/2021	19/Oct/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
SENSE-15407_NII	Sporton	V5.10.7.18	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	03/Aug/2021	02/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	15/Jul/2021	14/Jul/2022
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	17/Oct/2021	16/Oct/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	14/Sep/2021	13/Sep/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	16/Jun/2021	15/Jun/2022
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021 -1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE 15407_NII	Sporton	v5.10.7.13	N/A	N/A	N/A	N/A

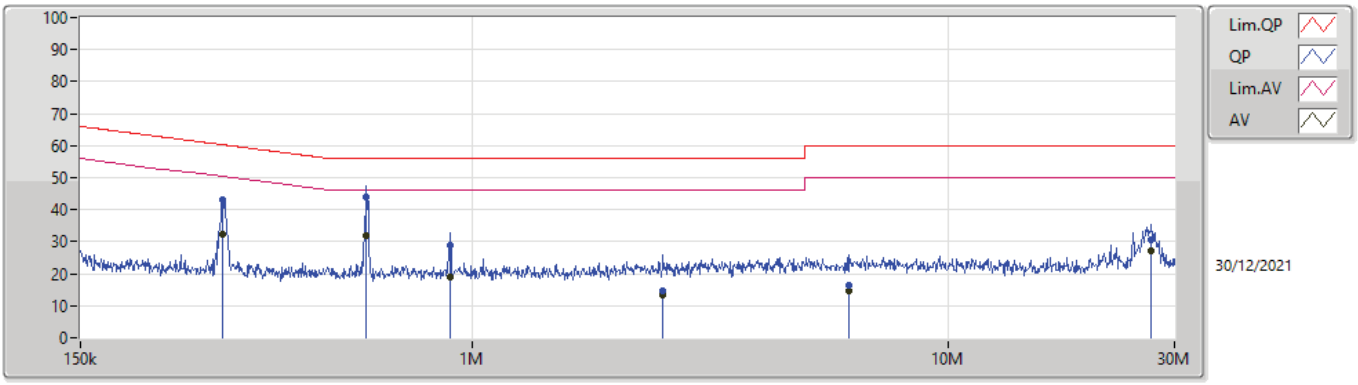
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	599.363k	43.80	56.00	-12.20	Line

Mode Configure

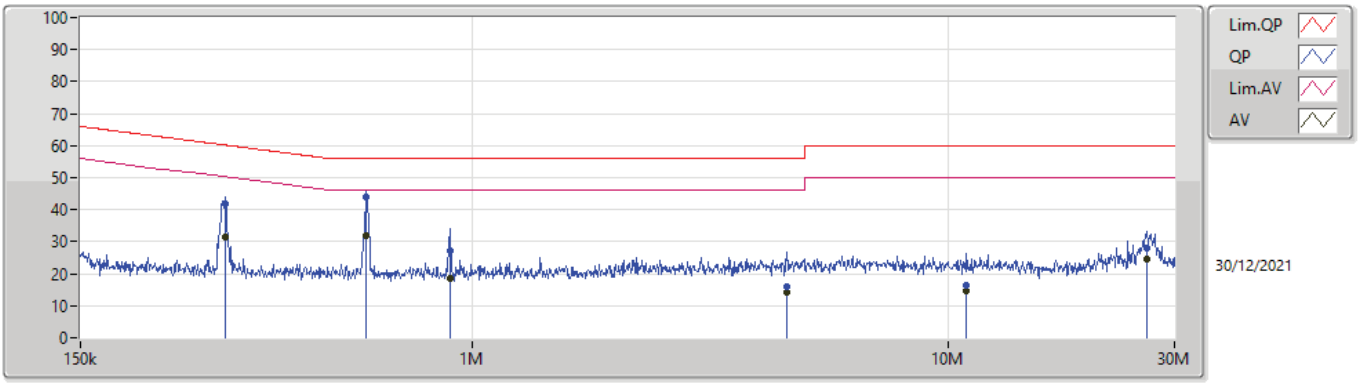
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	299.243k	43.26	60.26	-17.00	Line	-
Mode 1	Pass	AV	299.243k	32.29	50.26	-17.97	Line	-
Mode 1	Pass	QP	599.363k	43.80	56.00	-12.20	Line	-
Mode 1	Pass	AV	599.363k	32.02	46.00	-13.98	Line	-
Mode 1	Pass	QP	900.592k	28.67	56.00	-27.33	Line	-
Mode 1	Pass	AV	900.592k	18.90	46.00	-27.10	Line	-
Mode 1	Pass	QP	2.522M	14.80	56.00	-41.20	Line	-
Mode 1	Pass	AV	2.522M	13.27	46.00	-32.73	Line	-
Mode 1	Pass	QP	6.218M	16.30	60.00	-43.70	Line	-
Mode 1	Pass	AV	6.218M	14.74	50.00	-35.26	Line	-
Mode 1	Pass	QP	26.803M	30.46	60.00	-29.54	Line	-
Mode 1	Pass	AV	26.803M	27.11	50.00	-22.89	Line	-
Mode 1	Pass	QP	301.641k	41.82	60.21	-18.39	Neutral	-
Mode 1	Pass	AV	301.641k	31.33	50.21	-18.88	Neutral	-
Mode 1	Pass	QP	599.363k	43.76	56.00	-12.24	Neutral	-
Mode 1	Pass	AV	599.363k	31.99	46.00	-14.01	Neutral	-
Mode 1	Pass	QP	897.004k	27.00	56.00	-29.00	Neutral	-
Mode 1	Pass	AV	897.004k	18.57	46.00	-27.43	Neutral	-
Mode 1	Pass	QP	4.591M	15.95	56.00	-40.05	Neutral	-
Mode 1	Pass	AV	4.591M	14.31	46.00	-31.69	Neutral	-
Mode 1	Pass	QP	10.961M	16.26	60.00	-43.74	Neutral	-
Mode 1	Pass	AV	10.961M	14.59	50.00	-35.41	Neutral	-
Mode 1	Pass	QP	26.169M	27.85	60.00	-32.15	Neutral	-
Mode 1	Pass	AV	26.169M	24.38	50.00	-25.62	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	299.243k	43.26	60.26	-17.00	19.64	Line	-	23.62	9.68	0.05	9.91
AV	299.243k	32.29	50.26	-17.97	19.64	Line	-	12.65	9.68	0.05	9.91
QP	599.363k	43.80	56.00	-12.20	19.66	Line	-	24.14	9.68	0.07	9.91
AV	599.363k	32.02	46.00	-13.98	19.66	Line	-	12.36	9.68	0.07	9.91
QP	900.592k	28.67	56.00	-27.33	19.68	Line	-	8.99	9.68	0.08	9.92
AV	900.592k	18.90	46.00	-27.10	19.68	Line	-	-0.78	9.68	0.08	9.92
QP	2.522M	14.80	56.00	-41.20	19.72	Line	-	-4.92	9.69	0.11	9.92
AV	2.522M	13.27	46.00	-32.73	19.72	Line	-	-6.45	9.69	0.11	9.92
QP	6.218M	16.30	60.00	-43.70	19.80	Line	-	-3.50	9.71	0.17	9.92
AV	6.218M	14.74	50.00	-35.26	19.80	Line	-	-5.06	9.71	0.17	9.92
QP	26.803M	30.46	60.00	-29.54	19.87	Line	-	10.59	9.61	0.33	9.93
AV	26.803M	27.11	50.00	-22.89	19.87	Line	-	7.24	9.61	0.33	9.93

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	301.641k	41.82	60.21	-18.39	19.63	Neutral	-	22.19	9.67	0.05	9.91
AV	301.641k	31.33	50.21	-18.88	19.63	Neutral	-	11.70	9.67	0.05	9.91
QP	599.363k	43.76	56.00	-12.24	19.65	Neutral	-	24.11	9.67	0.07	9.91
AV	599.363k	31.99	46.00	-14.01	19.65	Neutral	-	12.34	9.67	0.07	9.91
QP	897.004k	27.00	56.00	-29.00	19.67	Neutral	-	7.33	9.67	0.08	9.92
AV	897.004k	18.57	46.00	-27.43	19.67	Neutral	-	-1.10	9.67	0.08	9.92
QP	4.591M	15.95	56.00	-40.05	19.77	Neutral	-	-3.82	9.70	0.15	9.92
AV	4.591M	14.31	46.00	-31.69	19.77	Neutral	-	-5.46	9.70	0.15	9.92
QP	10.961M	16.26	60.00	-43.74	19.88	Neutral	-	-3.62	9.74	0.21	9.93
AV	10.961M	14.59	50.00	-35.41	19.88	Neutral	-	-5.29	9.74	0.21	9.93
QP	26.169M	27.85	60.00	-32.15	19.99	Neutral	-	7.86	9.73	0.33	9.93
AV	26.169M	24.38	50.00	-25.62	19.99	Neutral	-	4.39	9.73	0.33	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	35.19M	17.691M	17M7D1D	21.66M	17.091M
802.11ac VHT20_Nss1,(MCS0)_2TX	33.27M	18.441M	18M4D1D	21.66M	17.631M
802.11ac VHT40_Nss1,(MCS0)_2TX	63.78M	37.121M	37M1D1D	39.78M	36.702M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.44M	76.162M	76M2D1D	81.72M	76.162M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	31.38M	17.871M	17M9D1D	21.69M	16.912M
802.11ac VHT20_Nss1,(MCS0)_2TX	31.44M	18.411M	18M4D1D	21.84M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	55.2M	37.061M	37M1D1D	39.6M	36.702M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.44M	76.282M	76M3D1D	81.48M	76.162M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	33.54M	17.241M	17M2D1D	15.69M	13.793M
802.11ac VHT20_Nss1,(MCS0)_2TX	34.77M	18.201M	18M2D1D	15.915M	14.123M
802.11ac VHT40_Nss1,(MCS0)_2TX	78.72M	37.481M	37M5D1D	35.21M	33.268M
802.11ac VHT80_Nss1,(MCS0)_2TX	82.44M	76.522M	76M5D1D	75.9M	72.714M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	17.781M	17M8D1D	3.2M	6.677M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.58M	18.501M	18M5D1D	3.88M	5.797M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.36M	37.241M	37M2D1D	3.24M	19.35M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.84M	76.762M	76M8D1D	3.24M	26.587M

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

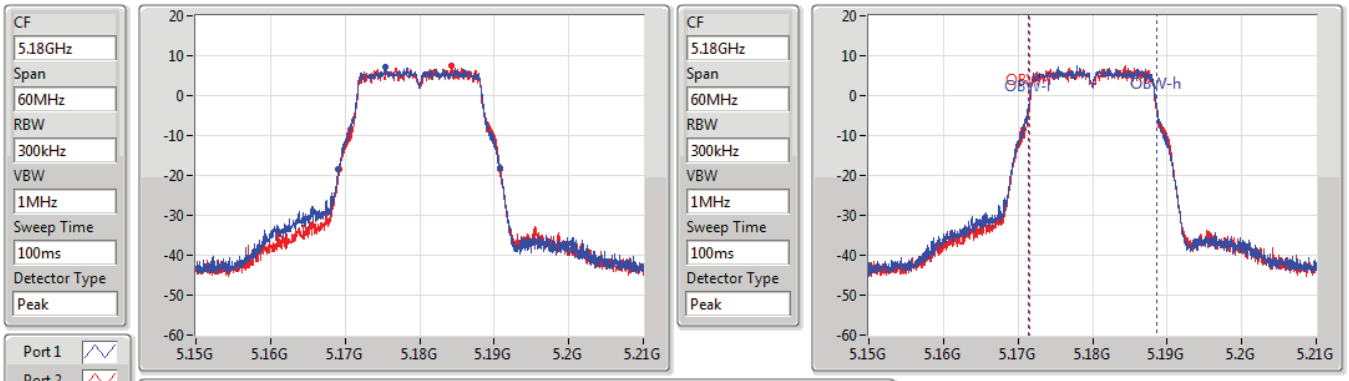
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.69M	17.211M	21.66M	17.091M
5200MHz	Pass	Inf	26.19M	17.691M	26.43M	17.601M
5240MHz	Pass	Inf	35.19M	17.241M	33.81M	17.271M
5260MHz	Pass	Inf	31.38M	16.912M	27.39M	16.912M
5300MHz	Pass	Inf	28.32M	17.871M	26.49M	17.871M
5320MHz	Pass	Inf	21.69M	17.121M	21.69M	17.181M
5500MHz	Pass	Inf	21.57M	17.151M	21.69M	17.211M
5580MHz	Pass	Inf	29.73M	16.882M	33.54M	17.001M
5700MHz	Pass	Inf	21.57M	17.151M	21.9M	17.241M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.793M	16.845M	13.958M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	6.677M	3.2M	7.636M
5745MHz	Pass	500k	16.29M	17.481M	16.32M	17.781M
5785MHz	Pass	500k	16.32M	17.511M	16.32M	17.691M
5825MHz	Pass	500k	16.32M	17.421M	16.32M	17.631M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.66M	18.051M	22.08M	18.201M
5200MHz	Pass	Inf	24.63M	18.291M	28.98M	18.441M
5240MHz	Pass	Inf	30.27M	17.631M	33.27M	17.661M
5260MHz	Pass	Inf	31.44M	17.631M	30.21M	17.601M
5300MHz	Pass	Inf	21.84M	18.261M	29.04M	18.411M
5320MHz	Pass	Inf	21.87M	18.021M	21.93M	18.201M
5500MHz	Pass	Inf	21.93M	18.021M	21.99M	18.201M
5580MHz	Pass	Inf	28.08M	17.571M	34.77M	17.631M
5700MHz	Pass	Inf	21.87M	18.021M	21.93M	18.201M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	14.123M	16.08M	14.243M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	5.797M	3.88M	7.956M
5745MHz	Pass	500k	17.58M	18.261M	17.58M	18.501M
5785MHz	Pass	500k	17.55M	18.261M	17.55M	18.501M
5825MHz	Pass	500k	17.58M	18.231M	17.55M	18.411M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.78M	36.702M	40.2M	36.762M
5230MHz	Pass	Inf	47.4M	37.061M	63.78M	37.121M
5270MHz	Pass	Inf	49.14M	37.001M	55.2M	37.061M
5310MHz	Pass	Inf	39.6M	36.702M	40.38M	36.762M
5510MHz	Pass	Inf	39.9M	36.702M	40.56M	36.822M
5550MHz	Pass	Inf	70.98M	37.481M	78.72M	37.481M
5670MHz	Pass	Inf	50.04M	37.121M	60.36M	37.241M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.268M	48.405M	33.443M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	19.35M	3.24M	21.229M
5755MHz	Pass	500k	36.36M	37.001M	36.24M	37.241M
5795MHz	Pass	500k	36.3M	37.001M	36.36M	37.241M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.72M	76.162M	82.44M	76.162M
5290MHz	Pass	Inf	81.48M	76.162M	82.44M	76.282M
5530MHz	Pass	Inf	81.84M	76.282M	82.44M	76.282M
5610MHz	Pass	Inf	81.6M	76.402M	82.2M	76.522M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.9M	72.714M	75.9M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.3M	26.587M	3.24M	27.186M
5775MHz	Pass	500k	75.84M	76.402M	75.6M	76.762M

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)_2TX EBW

5180MHz

30/12/2021

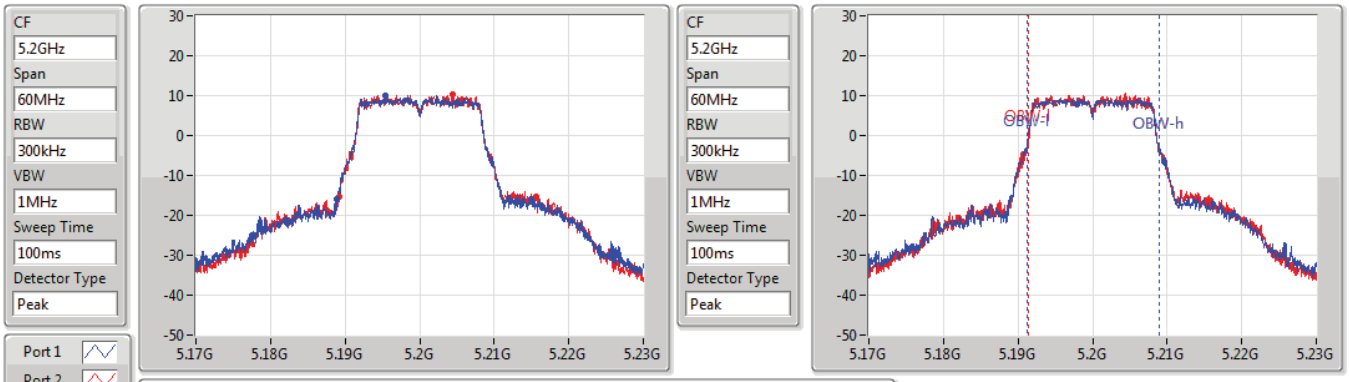


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.16911G	5.1908G	17.211M	5.171364G	5.188576G	Inf	1
21.66M	5.16917G	5.19083G	17.091M	5.171514G	5.188606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

30/12/2021

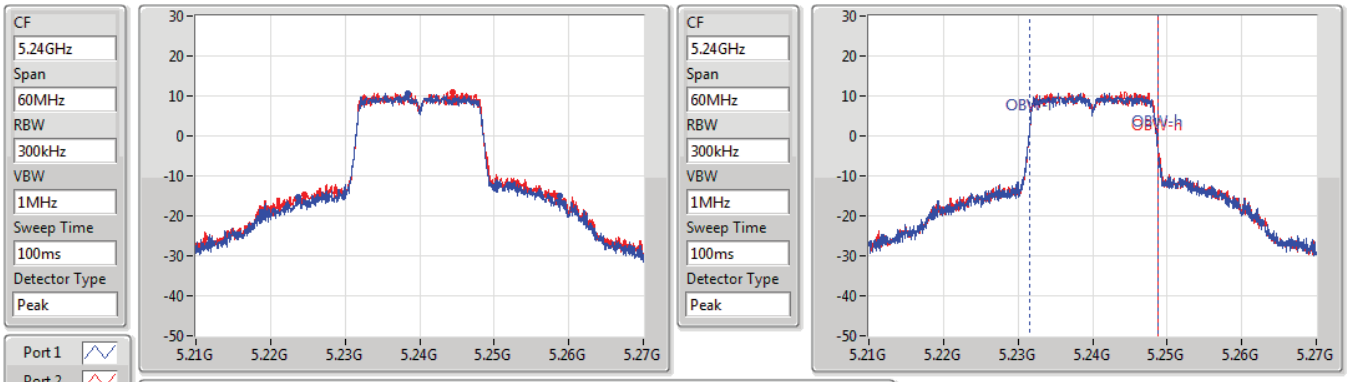


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.19M	5.18884G	5.21503G	17.691M	5.191214G	5.208906G	Inf	1
26.43M	5.18926G	5.21569G	17.601M	5.191364G	5.208966G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

30/12/2021

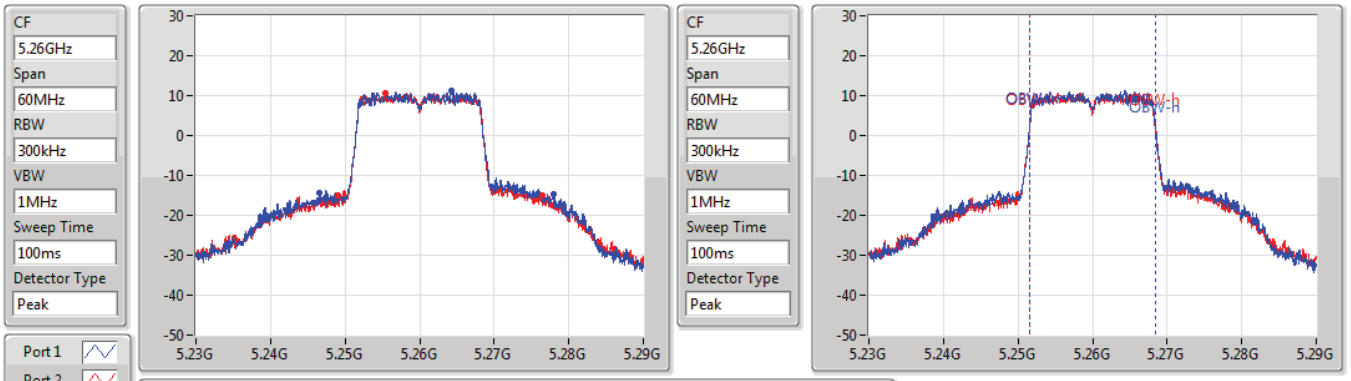


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.19M	5.22368G	5.25887G	17.241M	5.231514G	5.248756G	Inf	1
33.81M	5.22446G	5.25827G	17.271M	5.231544G	5.248816G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

03/01/2022

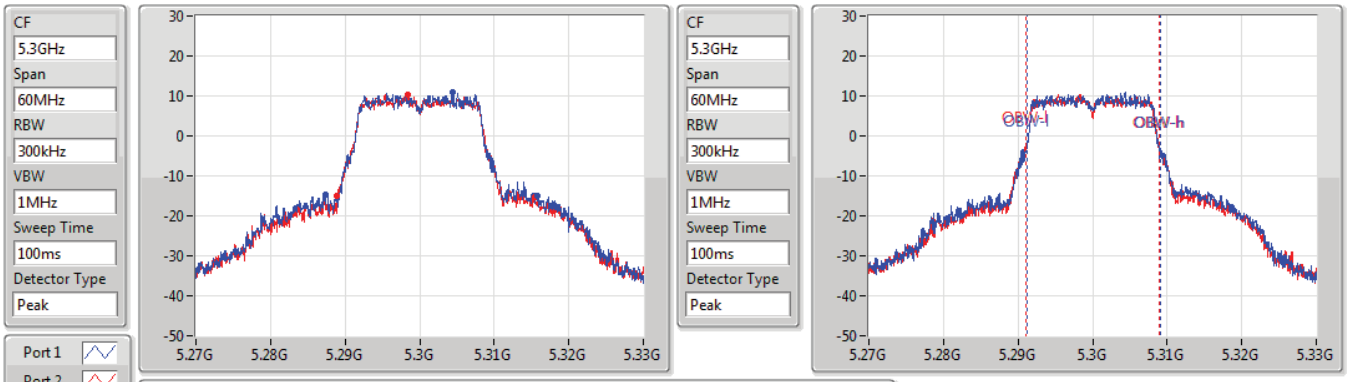


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.38M	5.24659G	5.27797G	16.912M	5.251604G	5.268516G	Inf	1
27.39M	5.24911G	5.2765G	16.912M	5.251574G	5.268486G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

03/01/2022

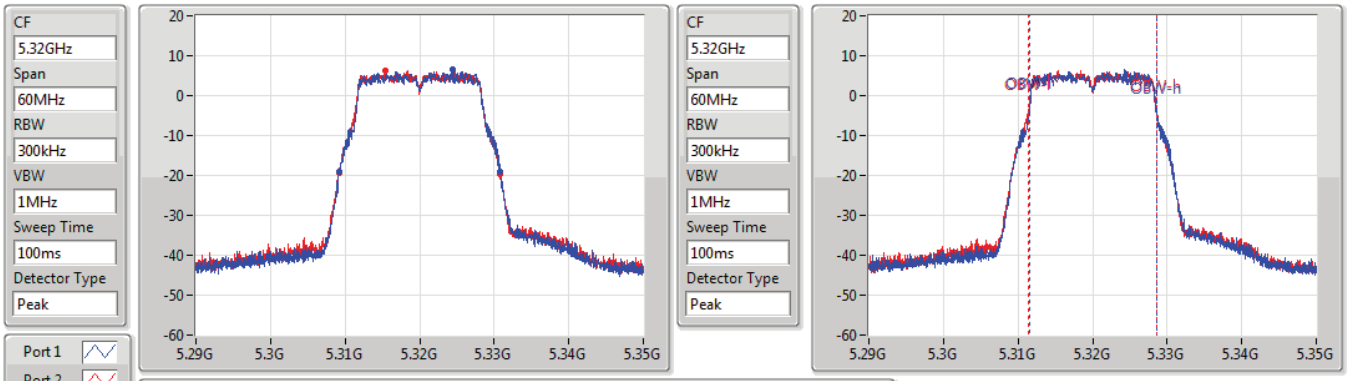


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.32M	5.28743G	5.31575G	17.871M	5.291214G	5.309085G	Inf	1
26.49M	5.2889G	5.31539G	17.871M	5.291124G	5.308996G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

03/01/2022

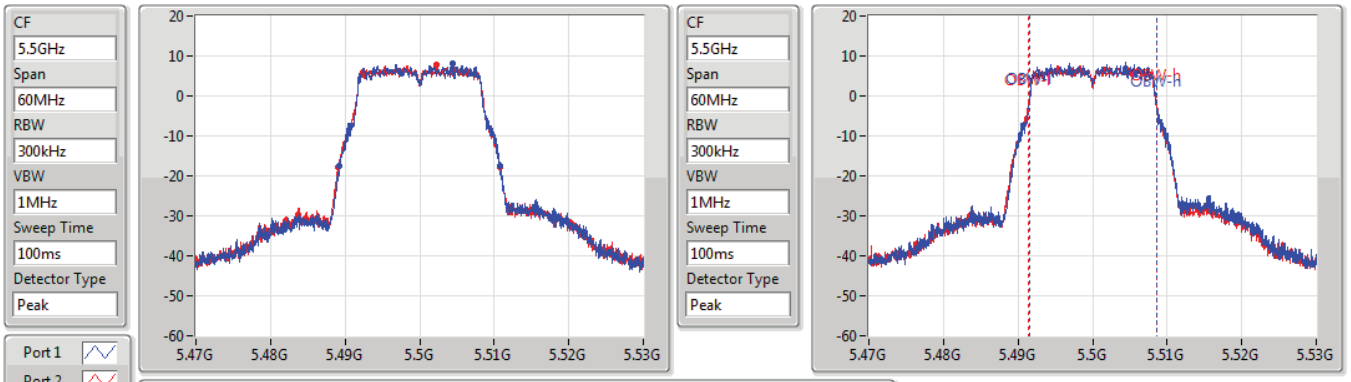


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.30917G	5.33086G	17.121M	5.311514G	5.328636G	Inf	1
21.69M	5.30914G	5.33083G	17.181M	5.311364G	5.328546G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

03/01/2022

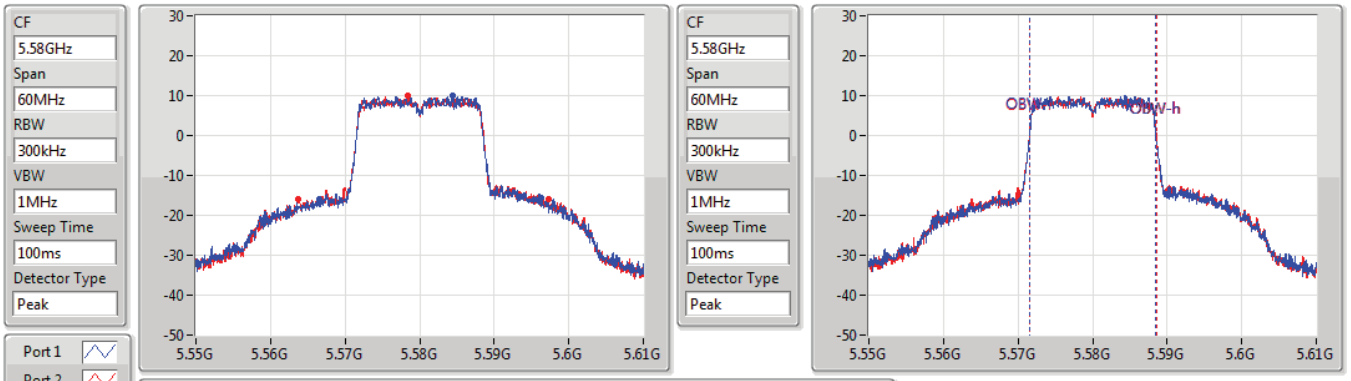


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.48923G	5.5108G	17.151M	5.491484G	5.508636G	Inf	1
21.69M	5.48905G	5.51074G	17.211M	5.491364G	5.508576G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

03/01/2022

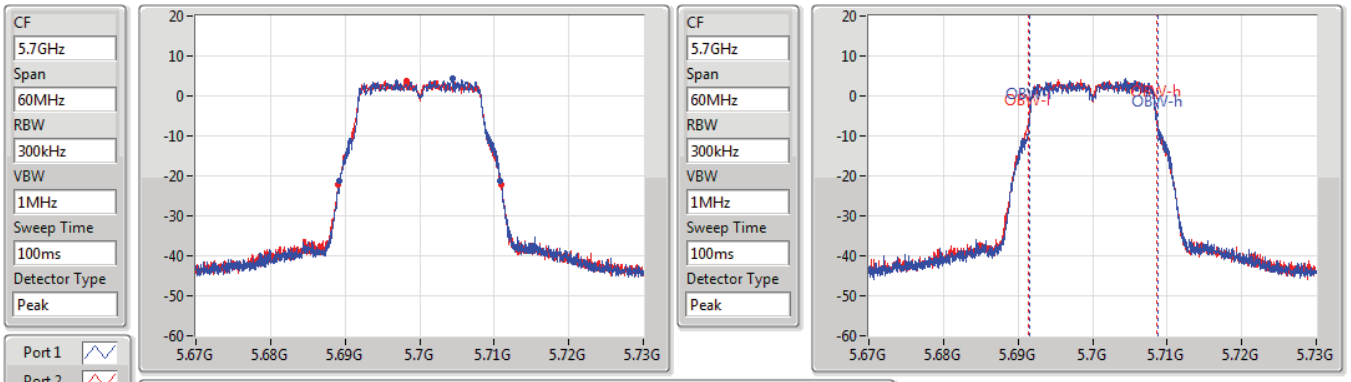


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.73M	5.56653G	5.59626G	16.882M	5.571634G	5.588516G	Inf	1
33.54M	5.56374G	5.59728G	17.001M	5.571574G	5.588576G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

03/01/2022

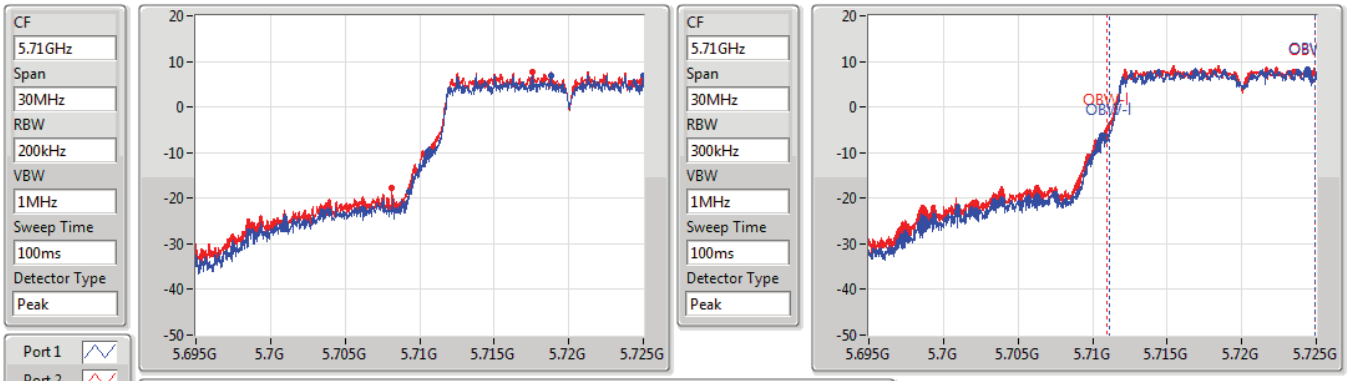


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.68929G	5.71086G	17.151M	5.691544G	5.708696G	Inf	1
21.9M	5.68908G	5.71098G	17.241M	5.691394G	5.708636G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

03/01/2022

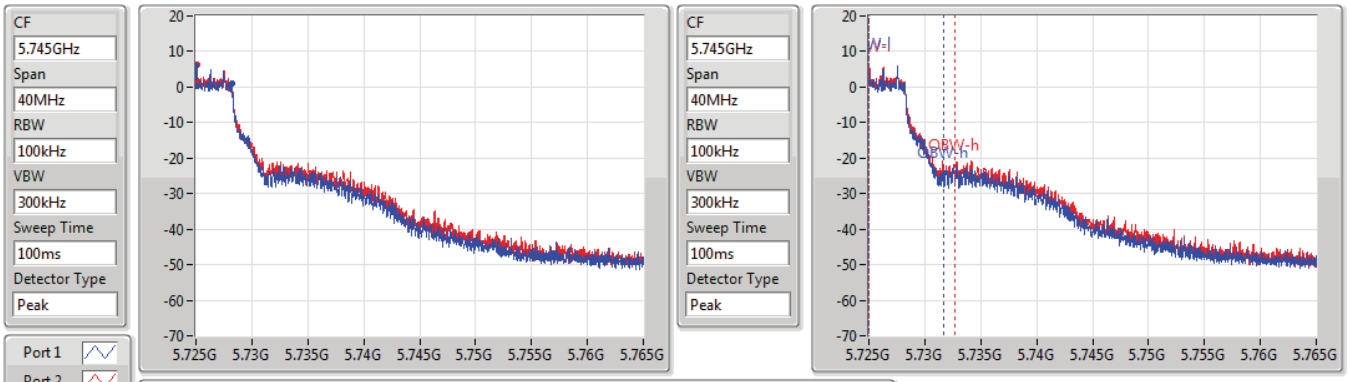


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.70931G	5.725G	13.793M	5.711139G	5.724933G	Inf	1
16.845M	5.708155G	5.725G	13.958M	5.710975G	5.724933G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

03/01/2022

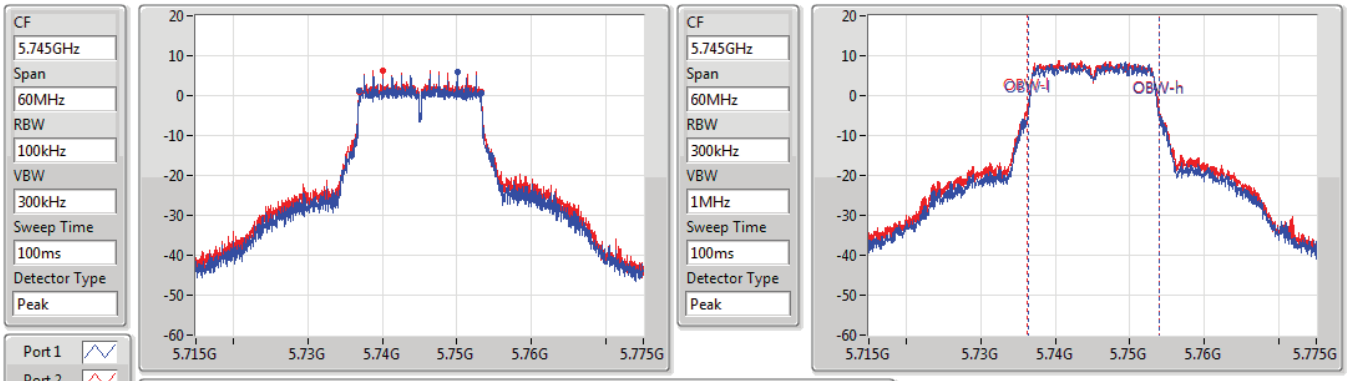


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.2M	5.725G	5.7282G	6.677M	5.72501G	5.731687G	500k	1
3.2M	5.725G	5.7282G	7.636M	5.72501G	5.732646G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5745MHz

03/01/2022

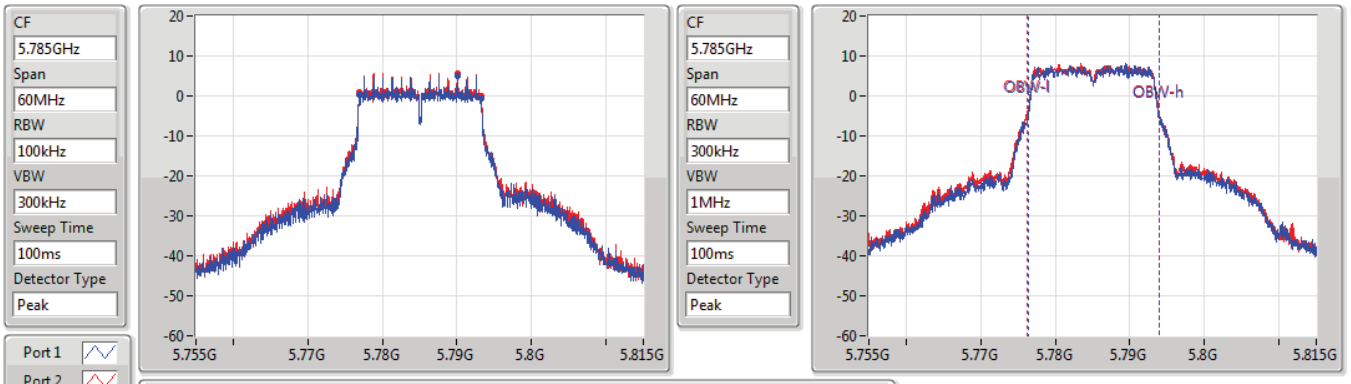


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73693G	5.75322G	17.481M	5.736394G	5.753876G	500k	1
16.32M	5.7369G	5.75322G	17.781M	5.736184G	5.753966G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5785MHz

03/01/2022

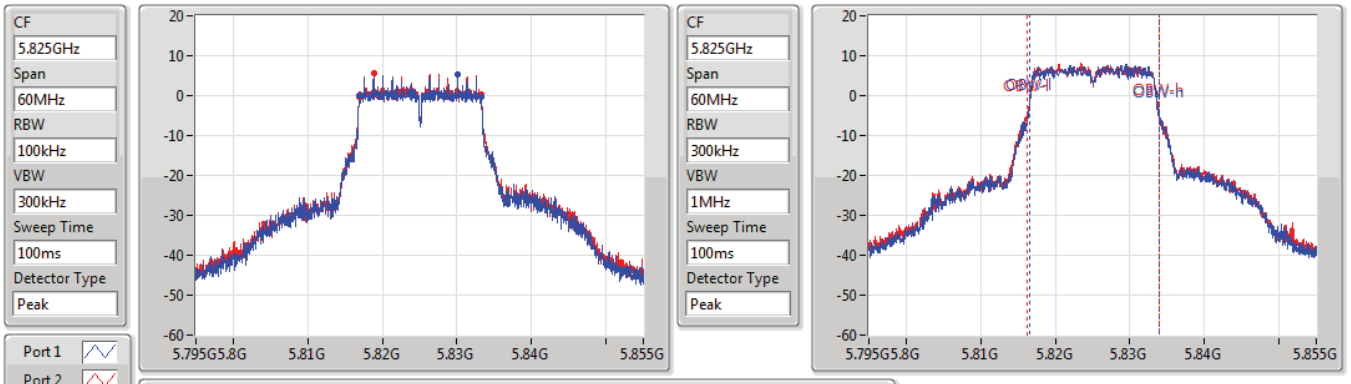


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77693G	5.79325G	17.511M	5.776424G	5.793936G	500k	1
16.32M	5.77693G	5.79325G	17.691M	5.776274G	5.793966G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

03/01/2022

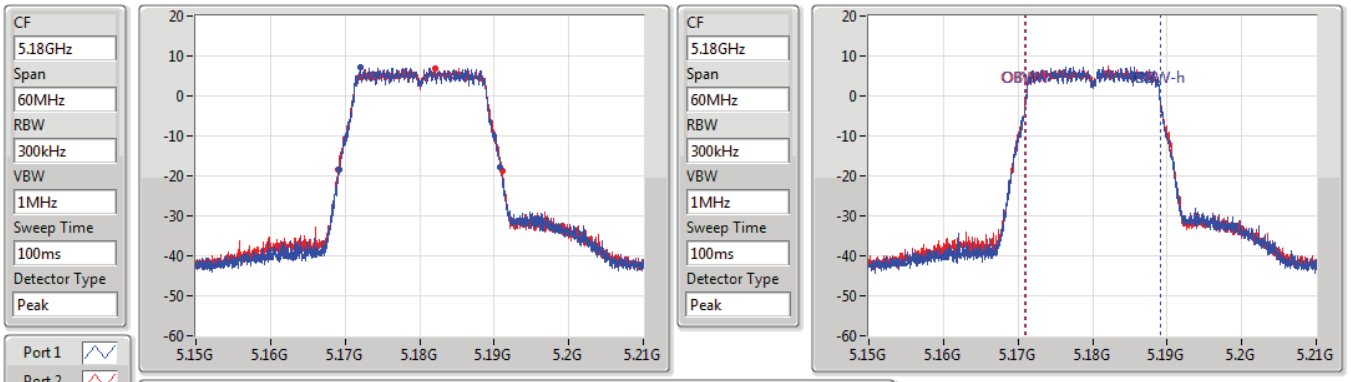


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81693G	5.83325G	17.421M	5.816484G	5.833906G	500k	1
16.32M	5.81693G	5.83325G	17.631M	5.816304G	5.833936G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

03/01/2022

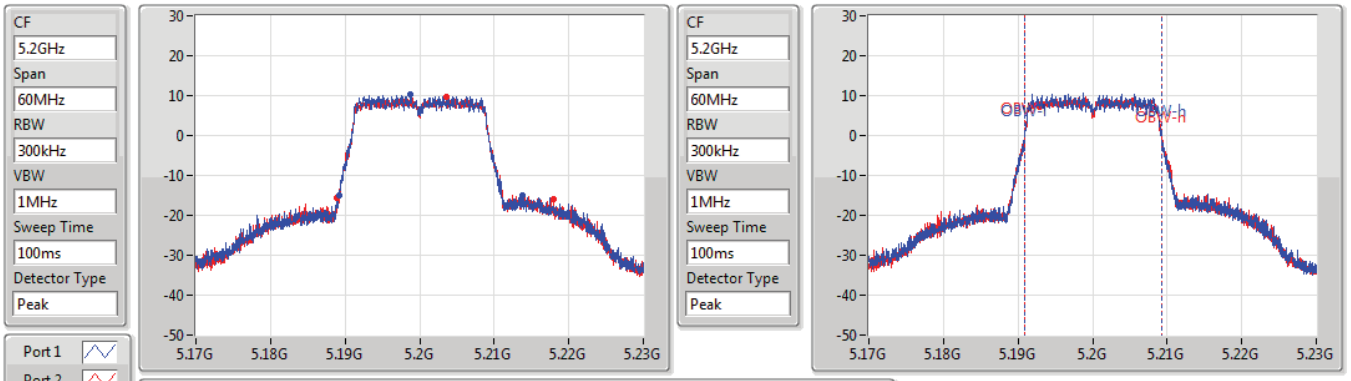


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.16917G	5.19083G	18.051M	5.171034G	5.189085G	Inf	1
22.08M	5.16911G	5.19119G	18.201M	5.170975G	5.189175G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

03/01/2022

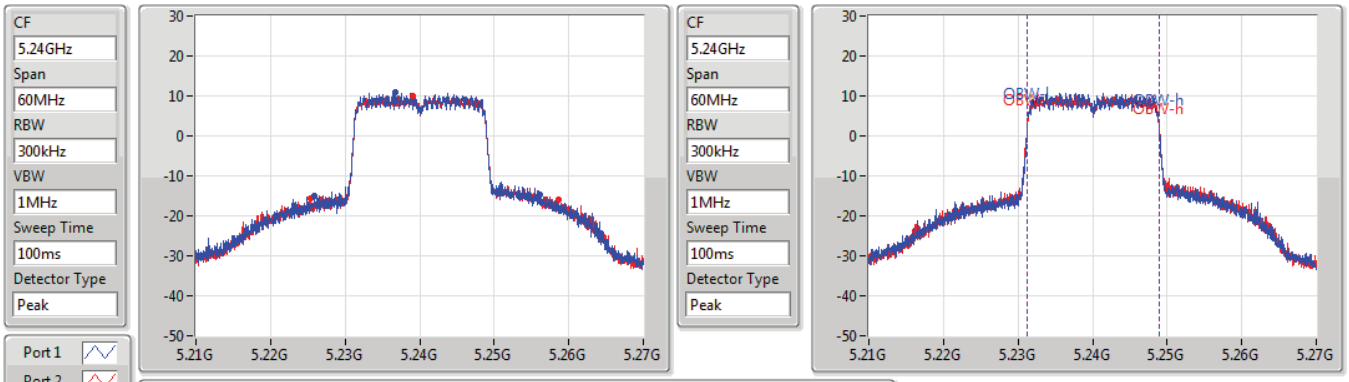


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.63M	5.18914G	5.21377G	18.291M	5.190945G	5.209235G	Inf	1
28.98M	5.18896G	5.21794G	18.441M	5.190885G	5.209325G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

03/01/2022

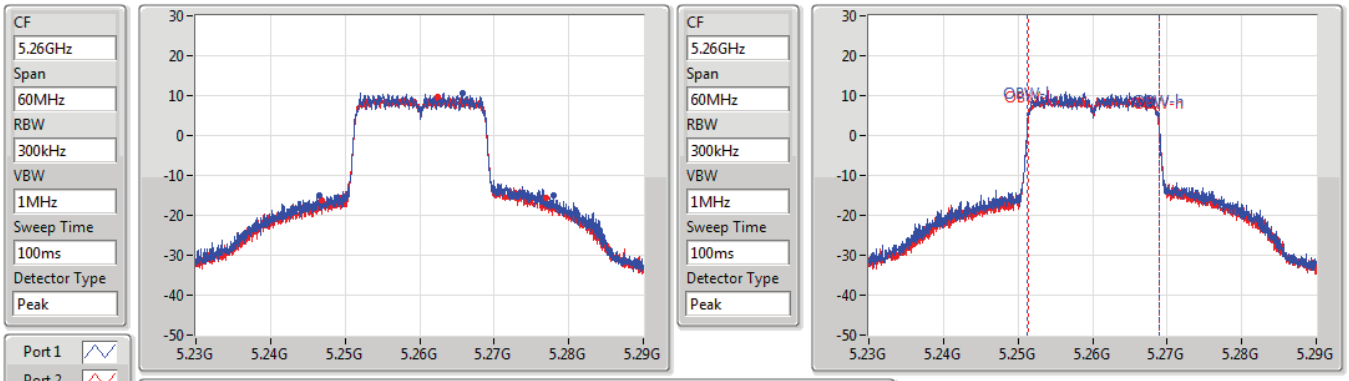


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.27M	5.22581G	5.25608G	17.631M	5.231304G	5.248936G	Inf	1
33.27M	5.22533G	5.2586G	17.661M	5.231304G	5.248966G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

03/01/2022

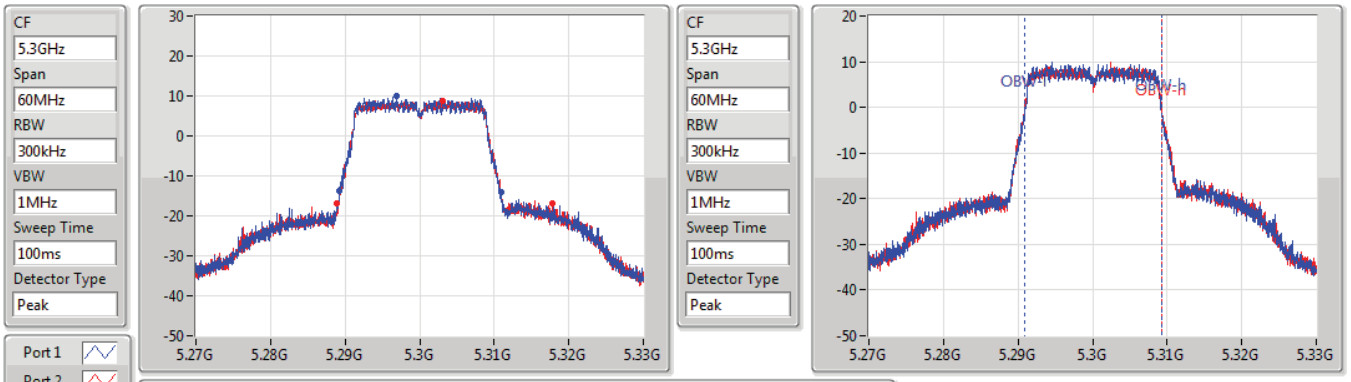


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.44M	5.24656G	5.278G	17.631M	5.251304G	5.268936G	Inf	1
30.21M	5.24683G	5.27704G	17.601M	5.251334G	5.268936G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

03/01/2022

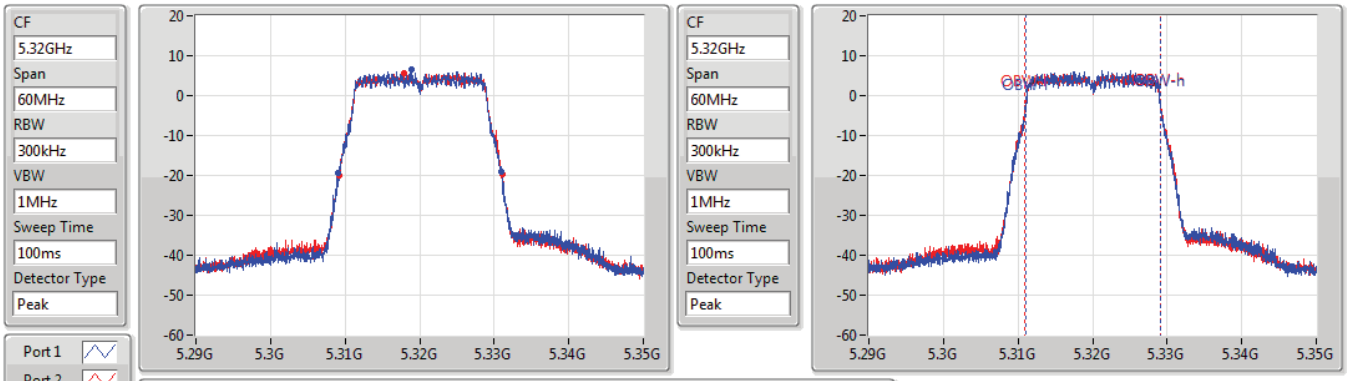


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.84M	5.28917G	5.31101G	18.261M	5.290975G	5.309235G	Inf	1
29.04M	5.28884G	5.31788G	18.411M	5.290915G	5.309325G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

03/01/2022

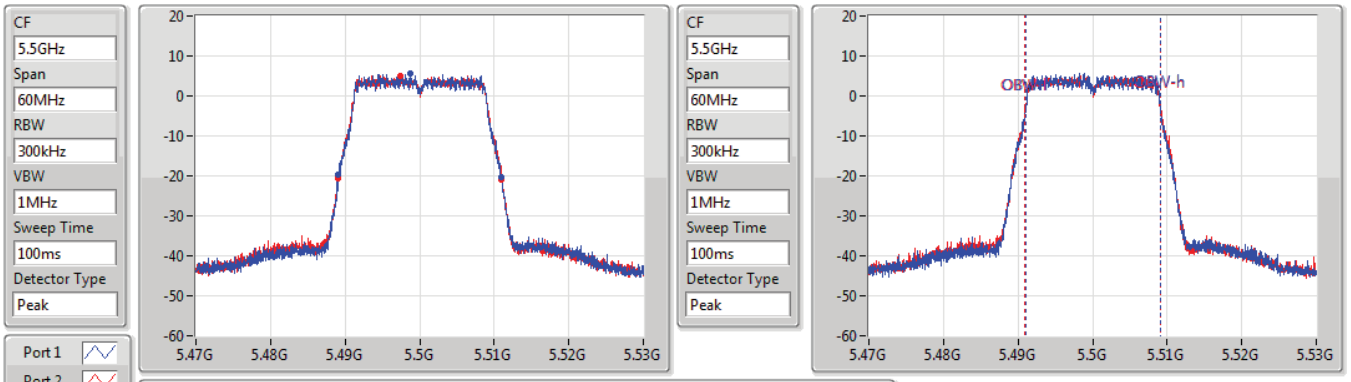


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.30911G	5.33098G	18.021M	5.311064G	5.329085G	Inf	1
21.93M	5.30914G	5.33107G	18.201M	5.310975G	5.329175G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

03/01/2022

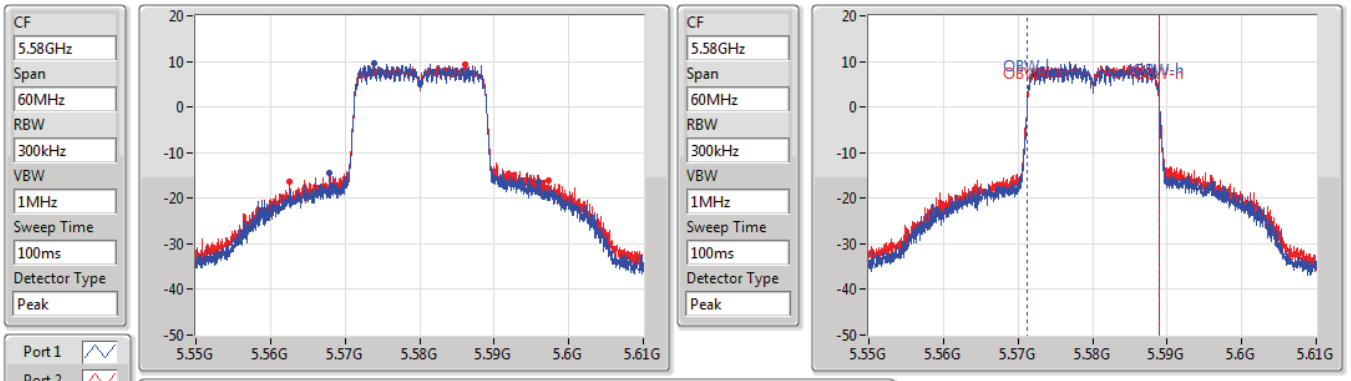


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.48905G	5.51098G	18.021M	5.491064G	5.509085G	Inf	1
21.99M	5.48902G	5.51101G	18.201M	5.490975G	5.509175G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

03/01/2022

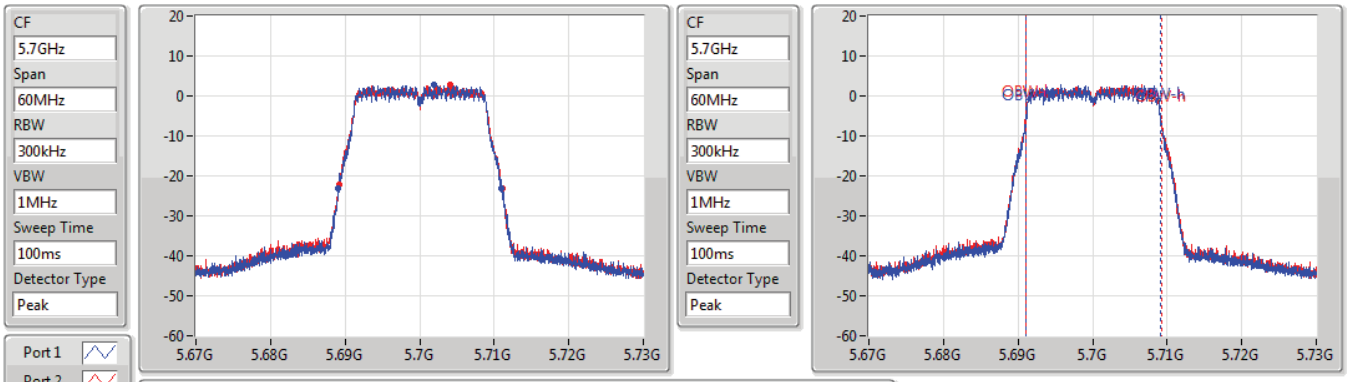


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.08M	5.56794G	5.59602G	17.571M	5.571304G	5.588876G	Inf	1
34.77M	5.56257G	5.59734G	17.631M	5.571304G	5.588936G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

03/01/2022

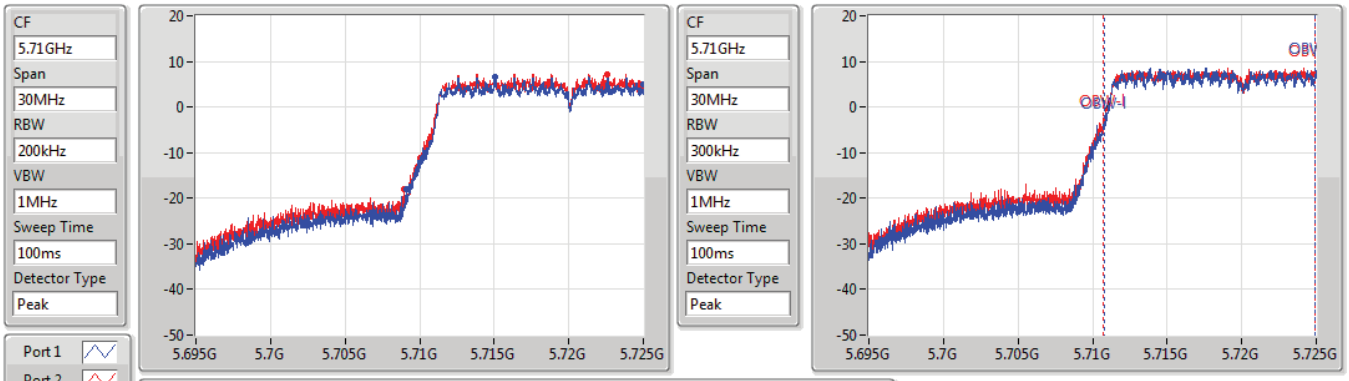


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.68911G	5.71098G	18.021M	5.691094G	5.709115G	Inf	1
21.93M	5.68917G	5.7111G	18.201M	5.691004G	5.709205G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

03/01/2022

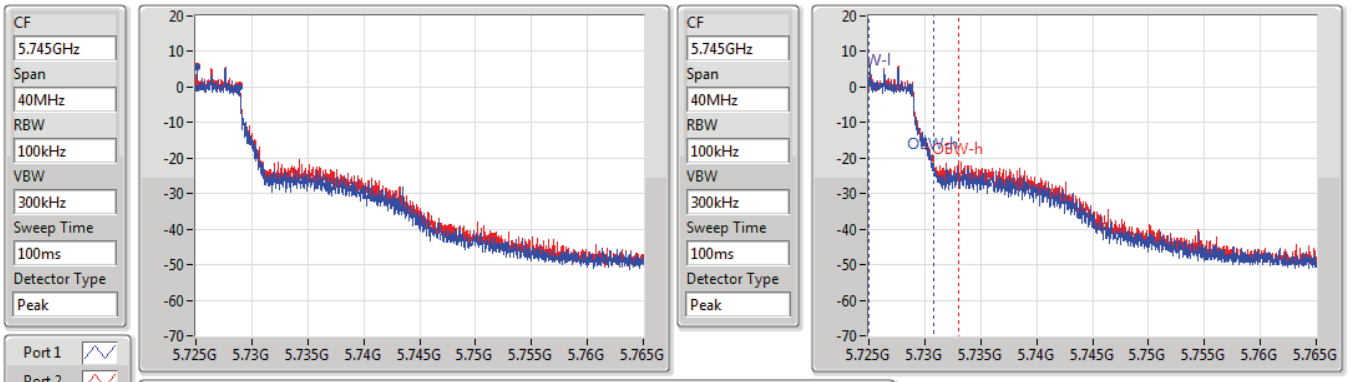


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.915M	5.709085G	5.725G	14.123M	5.710825G	5.724948G	Inf	1
16.08M	5.70892G	5.725G	14.243M	5.71069G	5.724933G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

03/01/2022

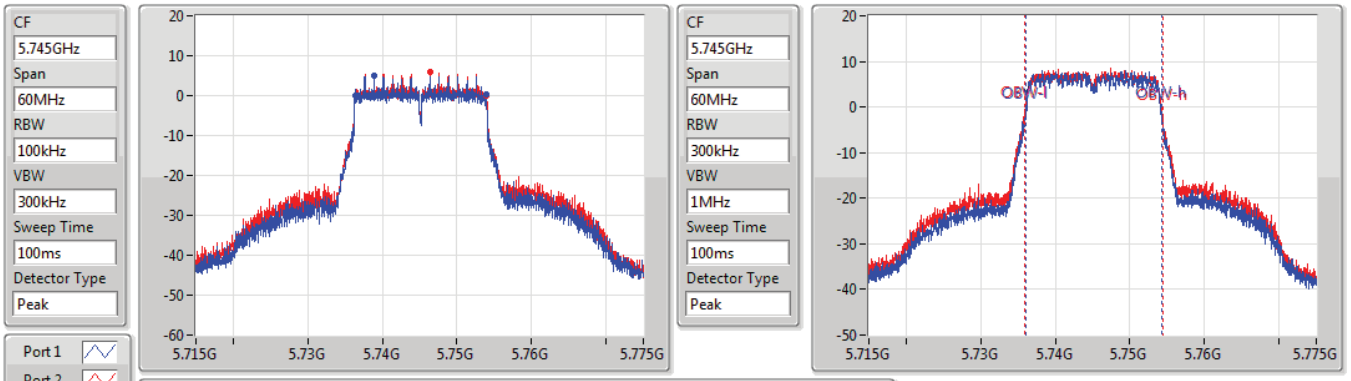


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	5.797M	5.72503G	5.730827G	500k	1
3.88M	5.725G	5.72888G	7.956M	5.72503G	5.732986G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5745MHz

03/01/2022

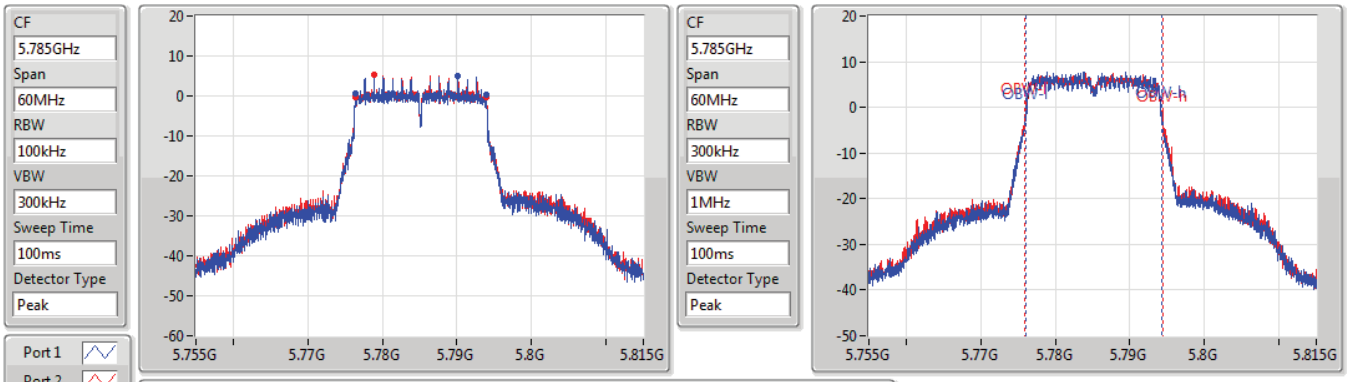


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.73633G	5.75391G	18.261M	5.736004G	5.754265G	500k	1
17.58M	5.73633G	5.75391G	18.501M	5.735885G	5.754385G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5785MHz

03/01/2022

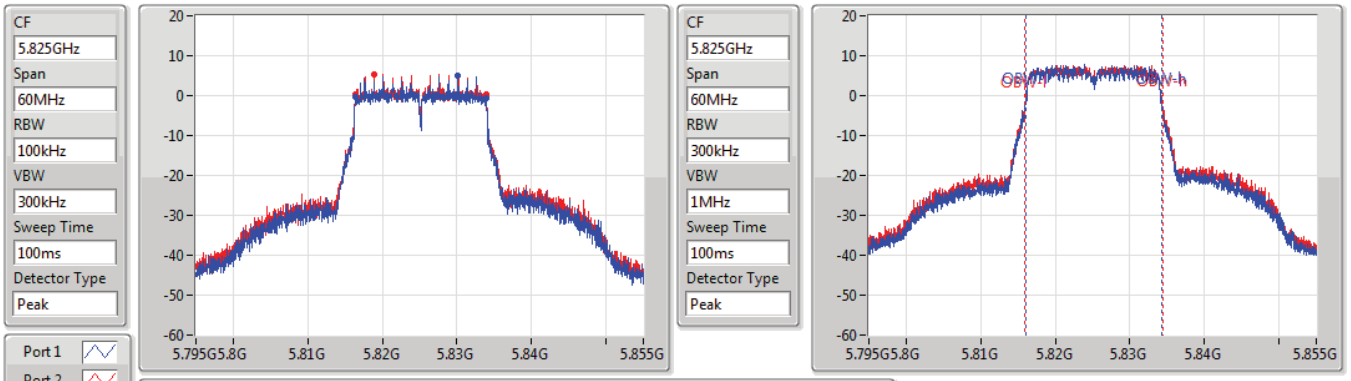


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77636G	5.79391G	18.261M	5.776004G	5.794265G	500k	1
17.55M	5.77636G	5.79391G	18.501M	5.775915G	5.794415G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

03/01/2022

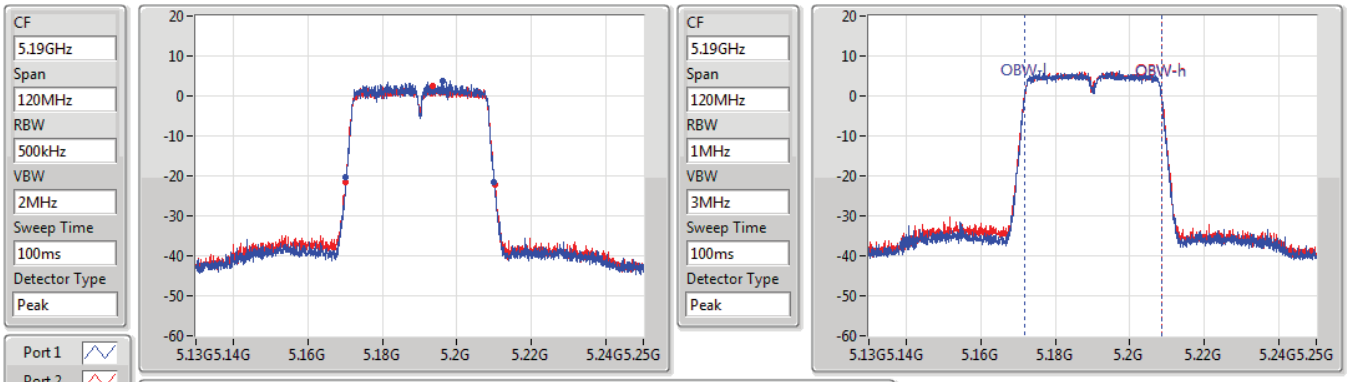


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81636G	5.83394G	18.231M	5.816034G	5.834265G	500k	1
17.55M	5.81636G	5.83391G	18.411M	5.815975G	5.834385G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

03/01/2022

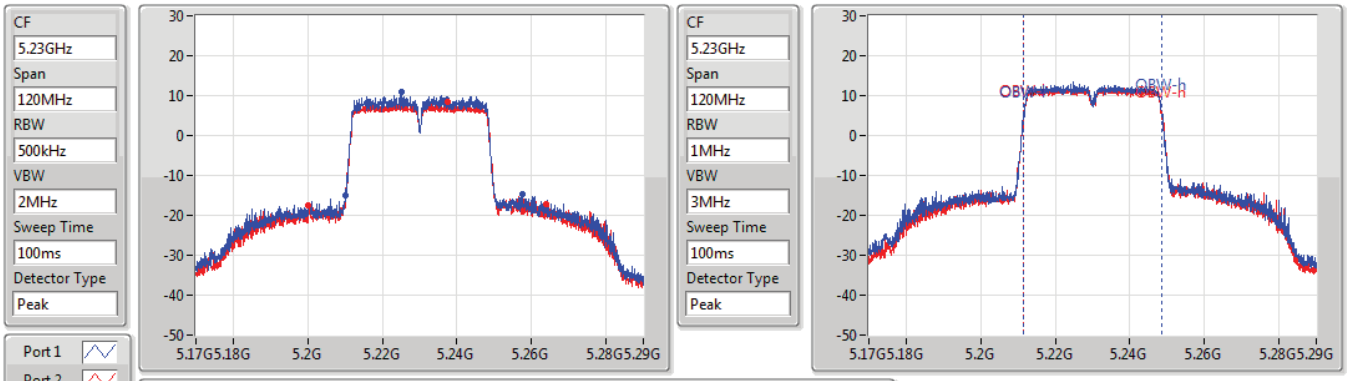


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.17026G	5.21004G	36.702M	5.171769G	5.208471G	Inf	1
40.2M	5.17002G	5.21022G	36.762M	5.171709G	5.208471G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

03/01/2022

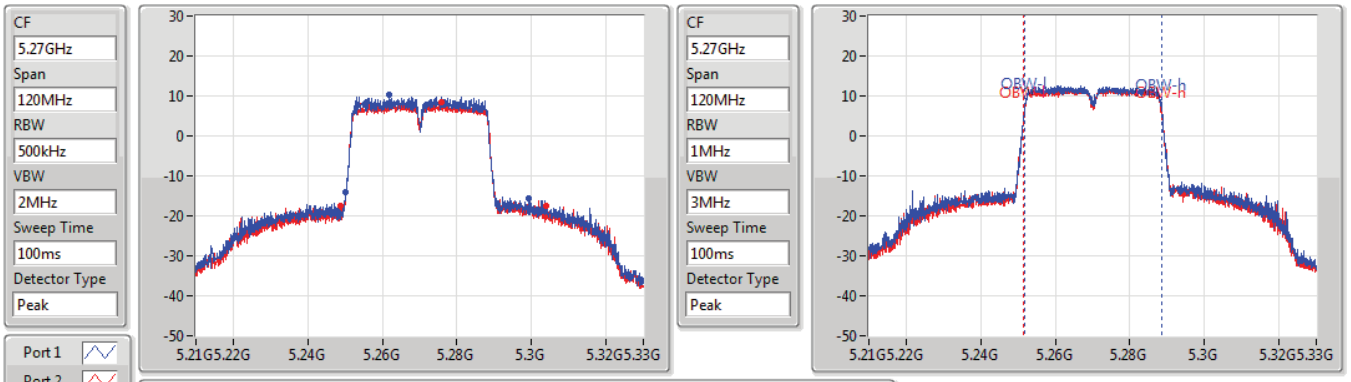


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.4M	5.21008G	5.25748G	37.061M	5.211589G	5.248651G	Inf	1
63.78M	5.20012G	5.2639G	37.121M	5.211589G	5.248711G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

03/01/2022

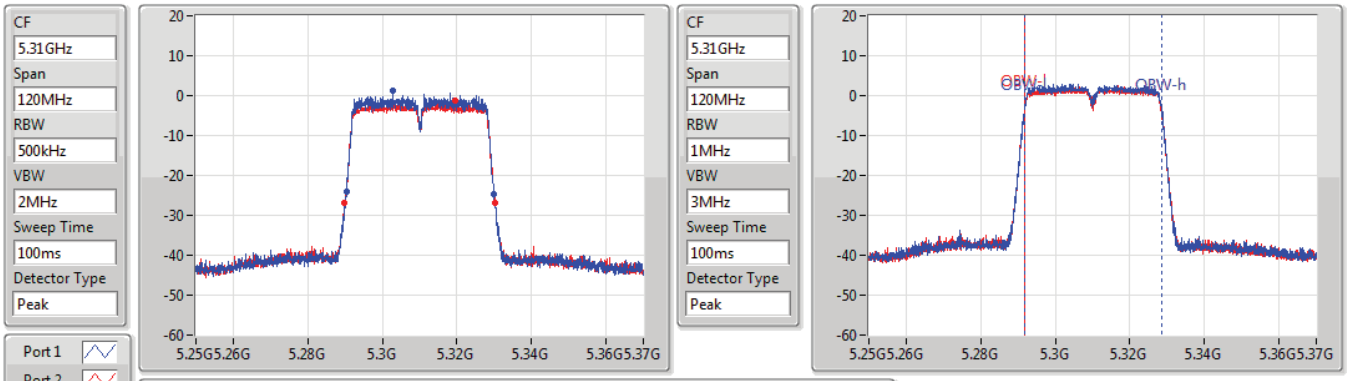


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
49.14M	5.25008G	5.29922G	37.001M	5.251649G	5.288651G	Inf	1
55.2M	5.24876G	5.30396G	37.061M	5.251589G	5.288651G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

03/01/2022

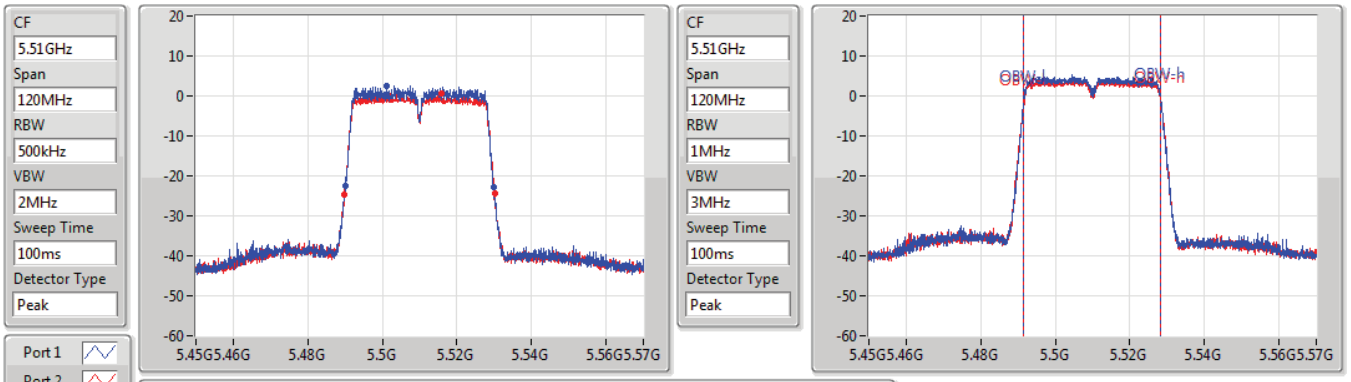


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.29038G	5.32998G	36.702M	5.291769G	5.328471G	Inf	1
40.38M	5.2899G	5.33028G	36.762M	5.291709G	5.328471G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

03/01/2022

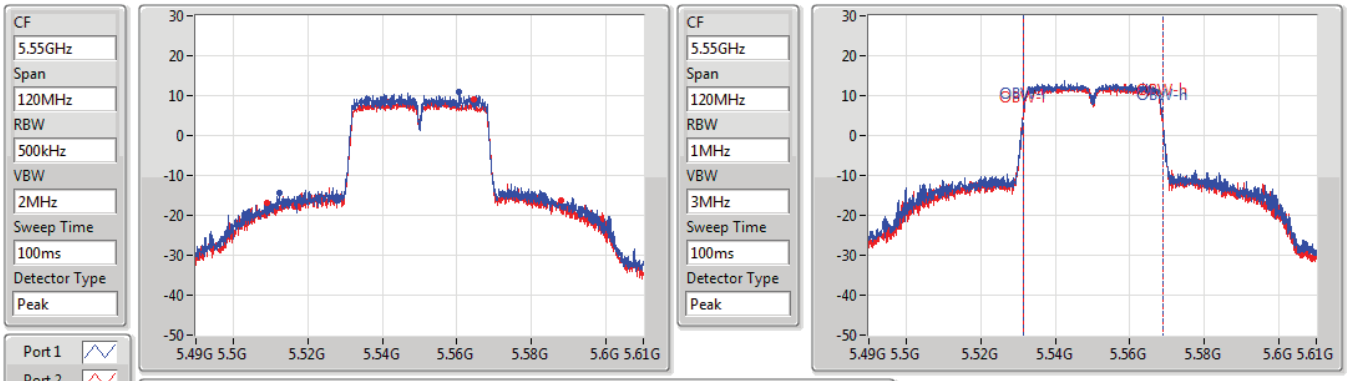


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.49002G	5.52992G	36.702M	5.491589G	5.528291G	Inf	1
40.56M	5.48972G	5.53028G	36.822M	5.491529G	5.528351G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

03/01/2022

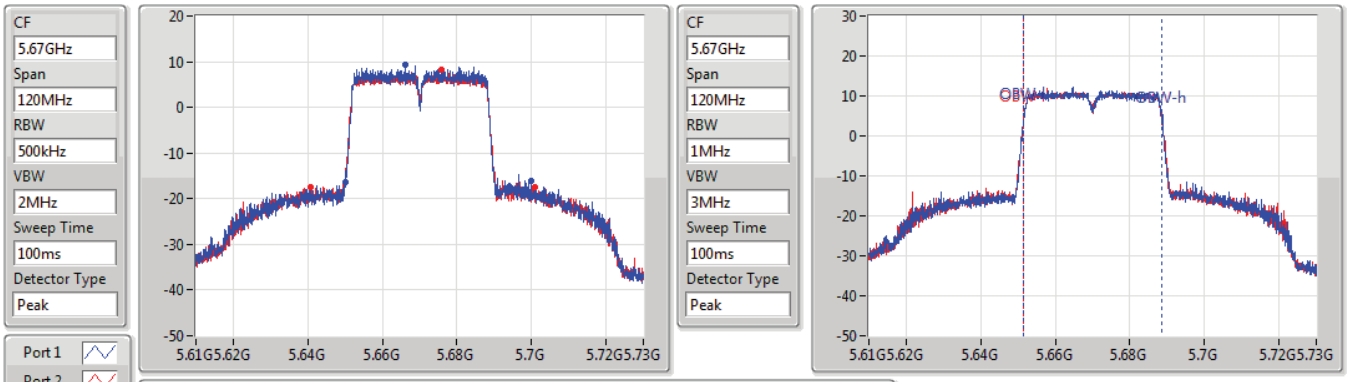


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.98M	5.51226G	5.58324G	37.481M	5.531289G	5.568771G	Inf	1
78.72M	5.50914G	5.58786G	37.481M	5.531289G	5.568771G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5670MHz

03/01/2022

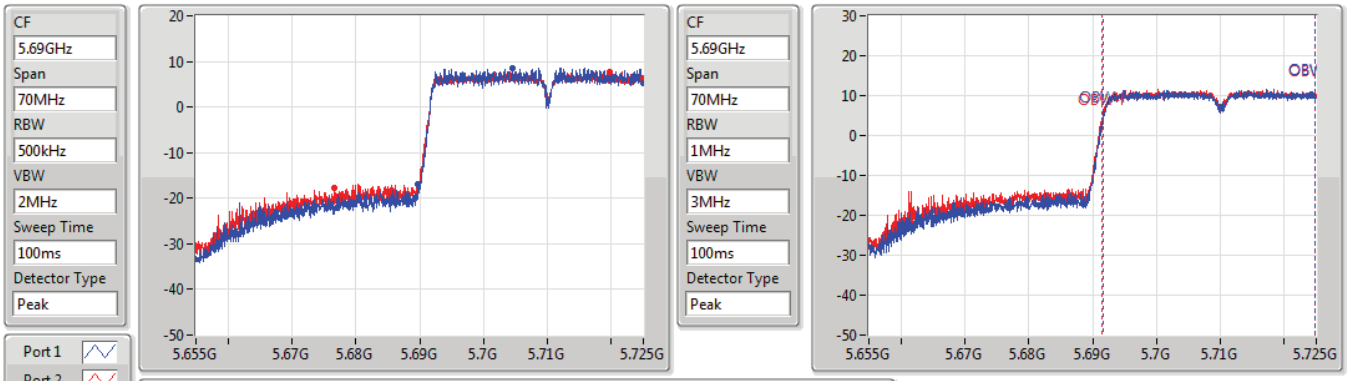


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.04M	5.64996G	5.7G	37.121M	5.651529G	5.688651G	Inf	1
60.36M	5.6406G	5.70096G	37.241M	5.651469G	5.688711G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

03/01/2022

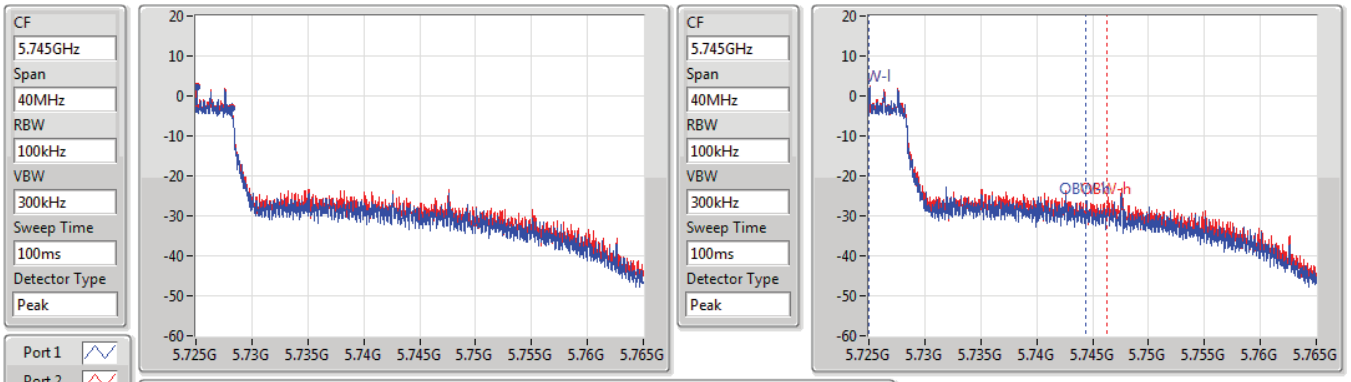


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.21M	5.68979G	5.725G	33.268M	5.691574G	5.724843G	Inf	1
48.405M	5.676595G	5.725G	33.443M	5.691399G	5.724843G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

03/01/2022

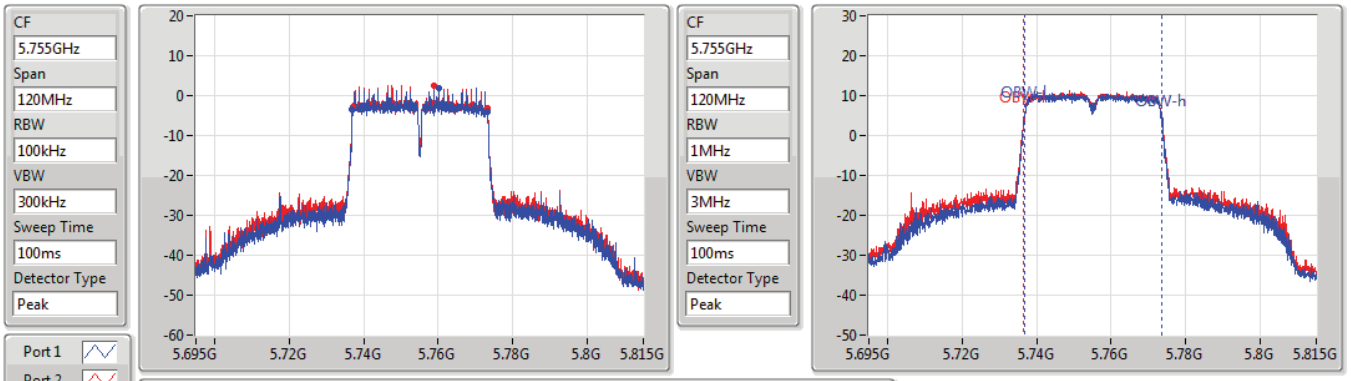


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.26M	5.725G	5.72826G	19.35M	5.72503G	5.74438G	500k	1
3.24M	5.725G	5.72824G	21.229M	5.72503G	5.746259G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

03/01/2022

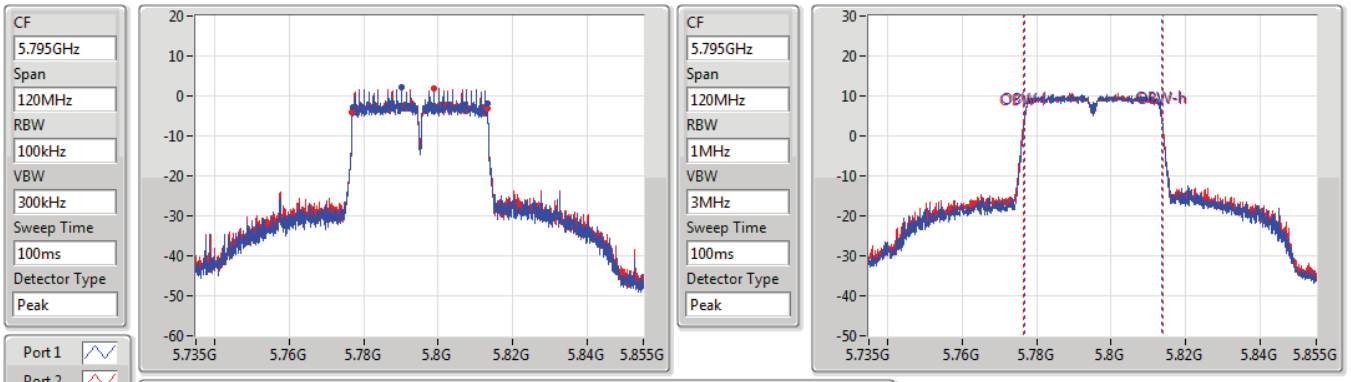


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.73694G	5.7733G	37.001M	5.736649G	5.773651G	500k	1
36.24M	5.737G	5.77324G	37.241M	5.736469G	5.773711G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

03/01/2022

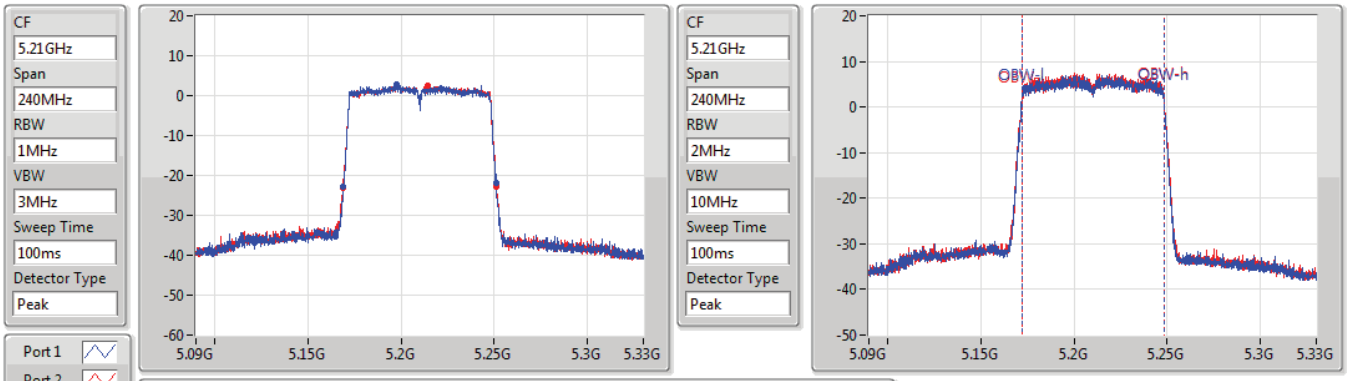


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.777G	5.8133G	37.001M	5.776649G	5.813651G	500k	1
36.36M	5.77694G	5.8133G	37.241M	5.776529G	5.813771G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

03/01/2022

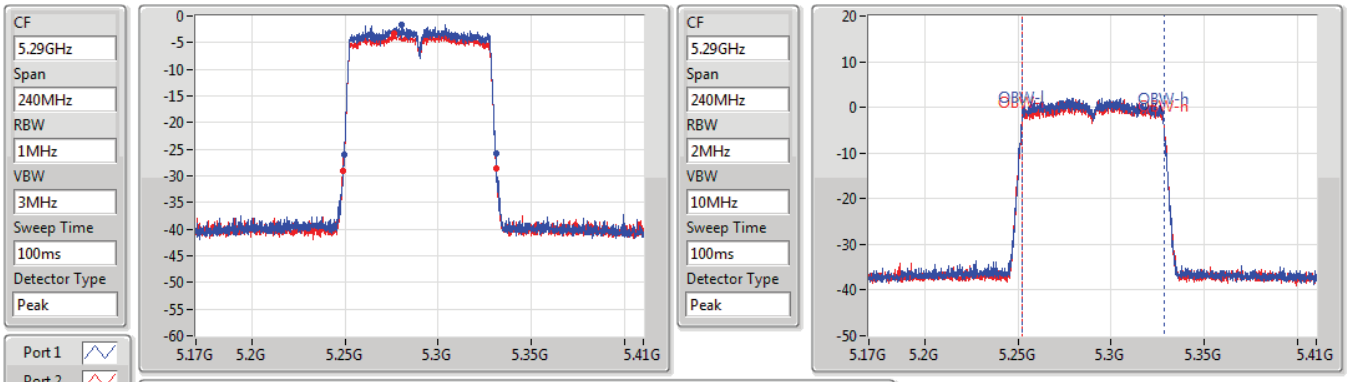


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.1692G	5.25092G	76.162M	5.171979G	5.248141G	Inf	1
82.44M	5.16884G	5.25128G	76.162M	5.171979G	5.248141G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

03/01/2022

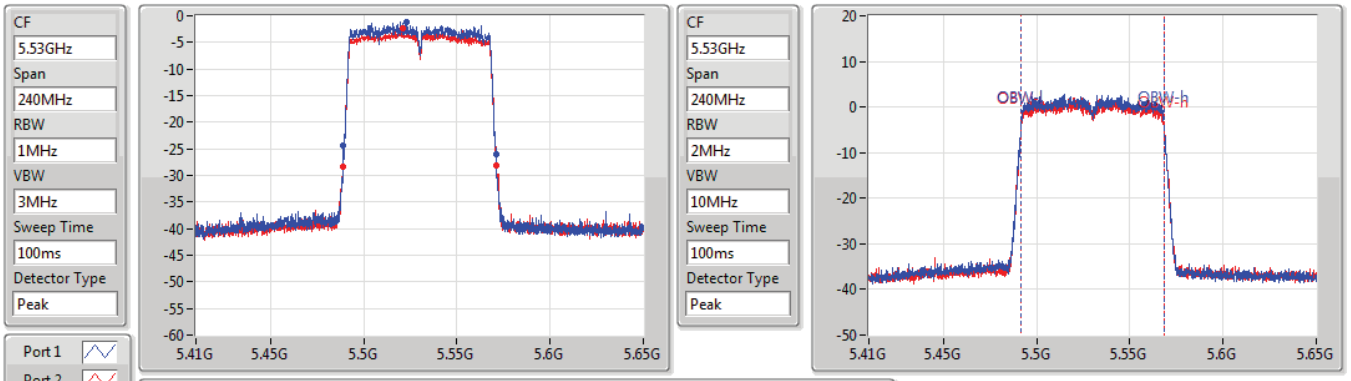


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.24944G	5.33092G	76.162M	5.251979G	5.328141G	Inf	1
82.44M	5.24884G	5.33128G	76.282M	5.251979G	5.328261G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5530MHz

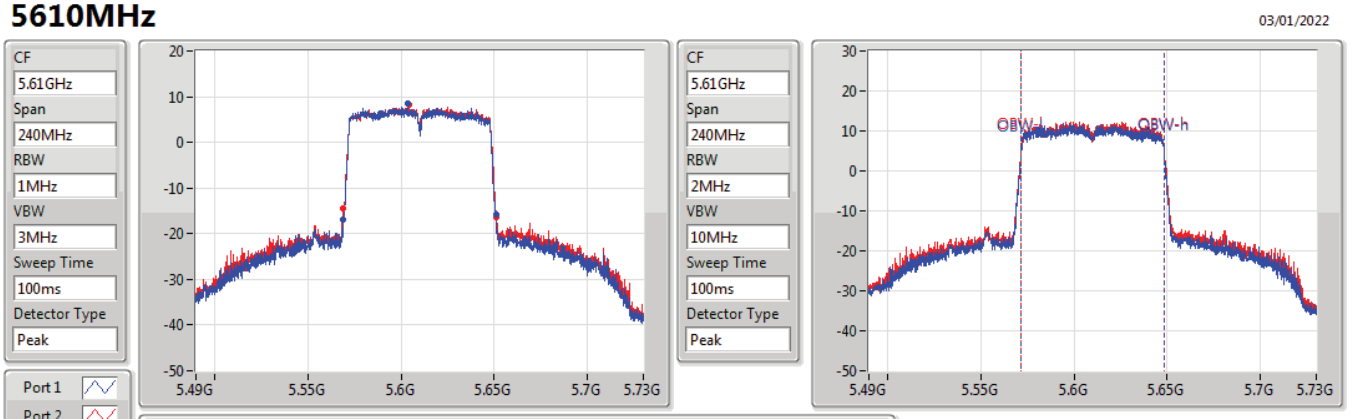
03/01/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.4892G	5.57104G	76.282M	5.491859G	5.568141G	Inf	1
82.44M	5.48872G	5.57116G	76.282M	5.491859G	5.568141G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

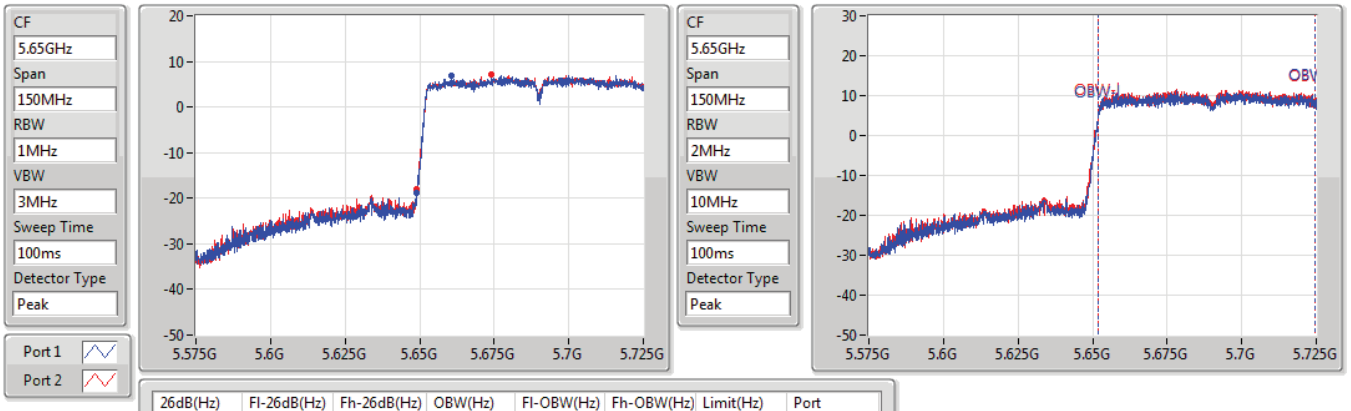
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.5692G	5.6508G	76.402M	5.571859G	5.648261G	Inf	1
82.2M	5.5692G	5.6514G	76.522M	5.571859G	5.648381G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

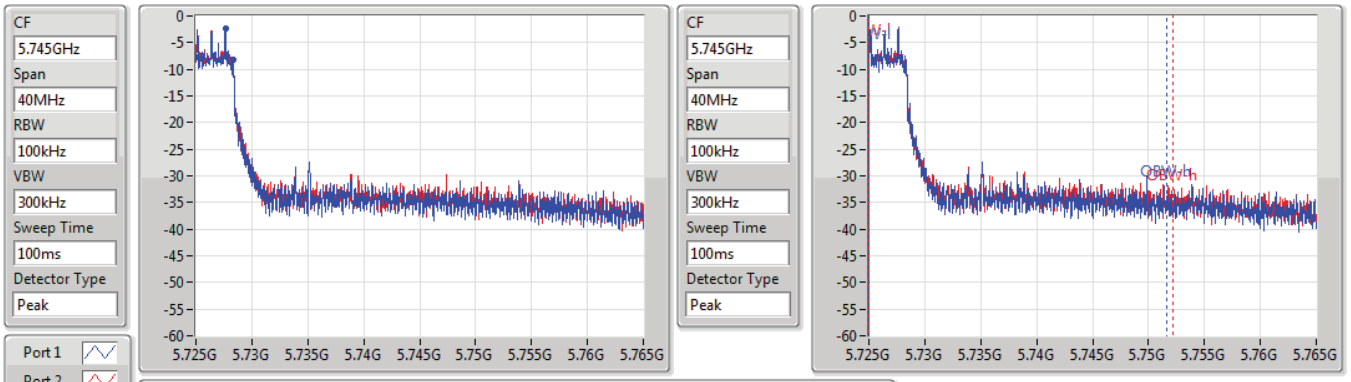


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.9M	5.6491G	5.725G	72.714M	5.651874G	5.724588G	Inf	1
75.9M	5.6491G	5.725G	72.714M	5.651799G	5.724513G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

03/01/2022

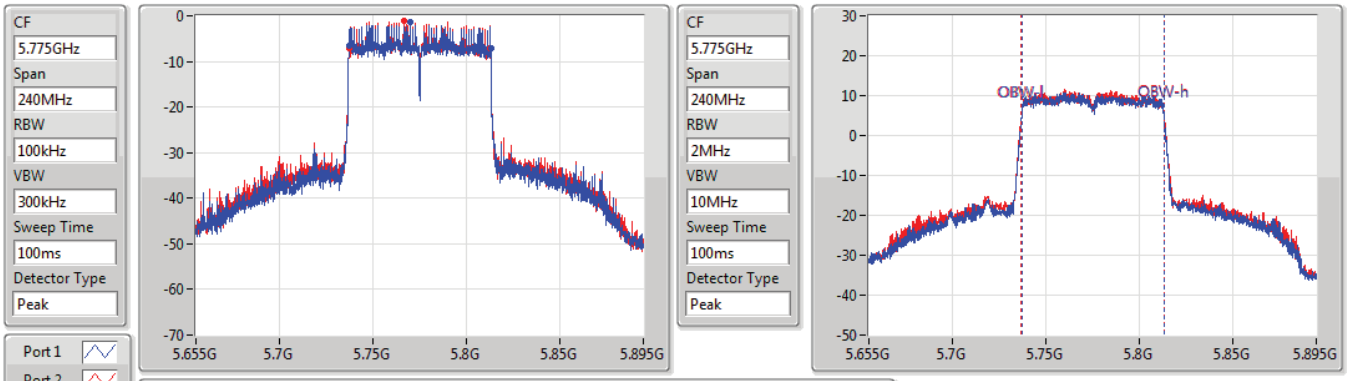


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.3M	5.725G	5.7283G	26.587M	5.72503G	5.751617G	500k	1
3.24M	5.72502G	5.72826G	27.186M	5.72503G	5.752216G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

03/01/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.84M	5.73744G	5.81328G	76.402M	5.736979G	5.813381G	500k	1
75.6M	5.73732G	5.81292G	76.762M	5.736739G	5.813501G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.39	0.17338	26.80	0.47863
802.11ac VHT20_Nss1,(MCS0)_2TX	21.30	0.13490	25.71	0.37239
802.11ac VHT40_Nss1,(MCS0)_2TX	20.44	0.11066	24.85	0.30549
802.11ac VHT80_Nss1,(MCS0)_2TX	14.29	0.02685	18.70	0.07413
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.89	0.15453	26.30	0.42658
802.11ac VHT20_Nss1,(MCS0)_2TX	21.04	0.12706	25.45	0.35075
802.11ac VHT40_Nss1,(MCS0)_2TX	20.42	0.11015	24.83	0.30409
802.11ac VHT80_Nss1,(MCS0)_2TX	9.18	0.00828	13.59	0.02286
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.95	0.12445	25.36	0.34356
802.11ac VHT20_Nss1,(MCS0)_2TX	20.22	0.10520	24.63	0.29040
802.11ac VHT40_Nss1,(MCS0)_2TX	20.85	0.12162	25.26	0.33574
802.11ac VHT80_Nss1,(MCS0)_2TX	18.87	0.07709	23.28	0.21281
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.63	0.09183	24.04	0.25351
802.11ac VHT20_Nss1,(MCS0)_2TX	19.22	0.08356	23.63	0.23067
802.11ac VHT40_Nss1,(MCS0)_2TX	19.10	0.08128	23.51	0.22439
802.11ac VHT80_Nss1,(MCS0)_2TX	18.07	0.06412	22.48	0.17701

Result

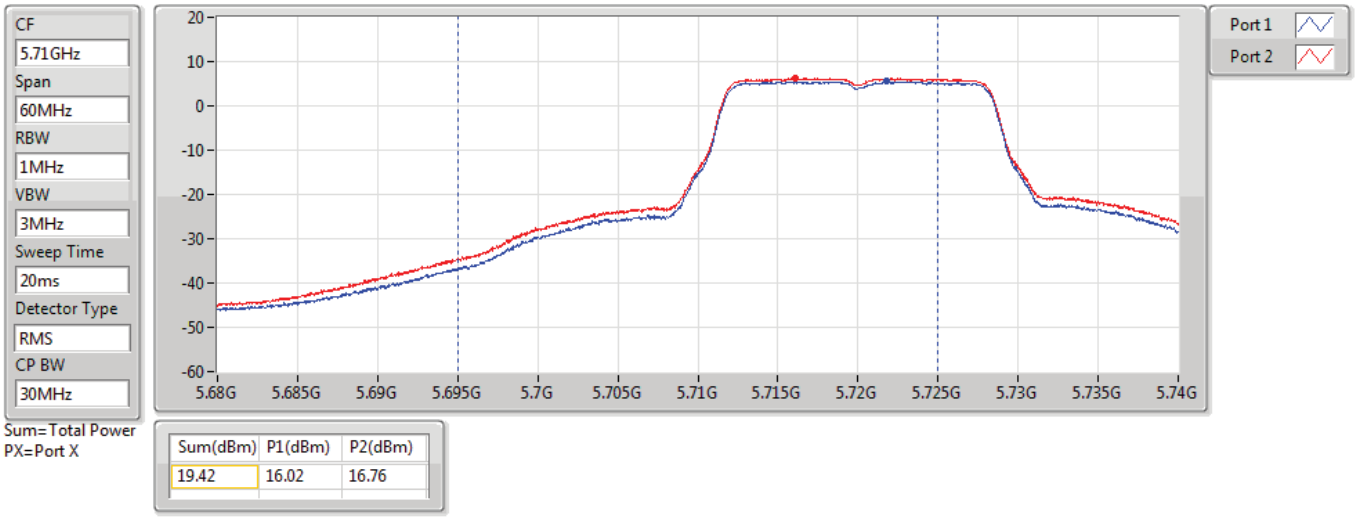
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.41	15.87	15.17	18.54	23.98	22.95	30.00
5200MHz	Pass	4.41	18.53	18.43	21.49	23.98	25.90	30.00
5240MHz	Pass	4.41	19.41	19.35	22.39	23.98	26.80	30.00
5260MHz	Pass	4.41	18.87	18.89	21.89	23.98	26.30	26.99
5300MHz	Pass	4.41	18.77	18.42	21.61	23.98	26.02	26.99
5320MHz	Pass	4.41	14.43	14.71	17.58	23.98	21.99	26.99
5500MHz	Pass	4.41	16.25	16.16	19.22	23.98	23.63	26.99
5580MHz	Pass	4.41	17.88	18.00	20.95	23.98	25.36	26.99
5700MHz	Pass	4.41	12.21	12.39	15.31	23.98	19.72	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	16.02	16.76	19.42	22.96	23.83	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.41	9.77	10.56	13.19	30.00	17.60	36.00
5745MHz	Pass	4.41	16.33	16.89	19.63	30.00	24.04	36.00
5785MHz	Pass	4.41	15.93	16.45	19.21	30.00	23.62	36.00
5825MHz	Pass	4.41	15.98	16.28	19.14	30.00	23.55	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.41	14.83	15.31	18.09	23.98	22.50	30.00
5200MHz	Pass	4.41	17.70	17.98	20.85	23.98	25.26	30.00
5240MHz	Pass	4.41	18.18	18.39	21.30	23.98	25.71	30.00
5260MHz	Pass	4.41	18.15	17.90	21.04	23.98	25.45	26.99
5300MHz	Pass	4.41	17.35	17.37	20.37	23.98	24.78	26.99
5320MHz	Pass	4.41	13.85	14.28	17.08	23.98	21.49	26.99
5500MHz	Pass	4.41	13.44	13.75	16.61	23.98	21.02	26.99
5580MHz	Pass	4.41	16.98	17.43	20.22	23.98	24.63	26.99
5700MHz	Pass	4.41	10.74	11.21	13.99	23.98	18.40	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	4.41	15.31	16.12	18.74	23.02	23.15	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.41	9.68	10.50	13.12	30.00	17.53	36.00
5745MHz	Pass	4.41	15.79	16.60	19.22	30.00	23.63	36.00
5785MHz	Pass	4.41	15.56	15.93	18.76	30.00	23.17	36.00
5825MHz	Pass	4.41	15.62	16.17	18.91	30.00	23.32	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.41	11.06	11.60	14.35	23.98	18.76	30.00
5230MHz	Pass	4.41	17.49	17.37	20.44	23.98	24.85	30.00
5270MHz	Pass	4.41	17.47	17.35	20.42	23.98	24.83	26.99
5310MHz	Pass	4.41	8.22	7.98	11.11	23.98	15.52	26.99
5510MHz	Pass	4.41	10.10	9.88	13.00	23.98	17.41	26.99
5550MHz	Pass	4.41	17.92	17.75	20.85	23.98	25.26	26.99
5670MHz	Pass	4.41	16.23	16.47	19.36	23.98	23.77	26.99
5710MHz Straddle 5.47-5.725GHz	Pass	4.41	16.10	16.82	19.49	23.98	23.90	26.99
5710MHz Straddle 5.725-5.85GHz	Pass	4.41	5.85	6.51	9.20	30.00	13.61	36.00
5755MHz	Pass	4.41	15.75	16.40	19.10	30.00	23.51	36.00
5795MHz	Pass	4.41	15.68	15.82	18.76	30.00	23.17	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.41	11.11	11.44	14.29	23.98	18.70	30.00
5290MHz	Pass	4.41	6.45	5.86	9.18	23.98	13.59	26.99
5530MHz	Pass	4.41	7.03	6.25	9.67	23.98	14.08	26.99
5610MHz	Pass	4.41	15.52	16.18	18.87	23.98	23.28	26.99
5690MHz Straddle 5.47-5.725GHz	Pass	4.41	15.01	15.47	18.26	23.98	22.67	26.99
5690MHz Straddle 5.725-5.85GHz	Pass	4.41	1.11	1.47	4.30	30.00	8.71	36.00
5775MHz	Pass	4.41	14.82	15.28	18.07	30.00	22.48	36.00

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

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/01/2022

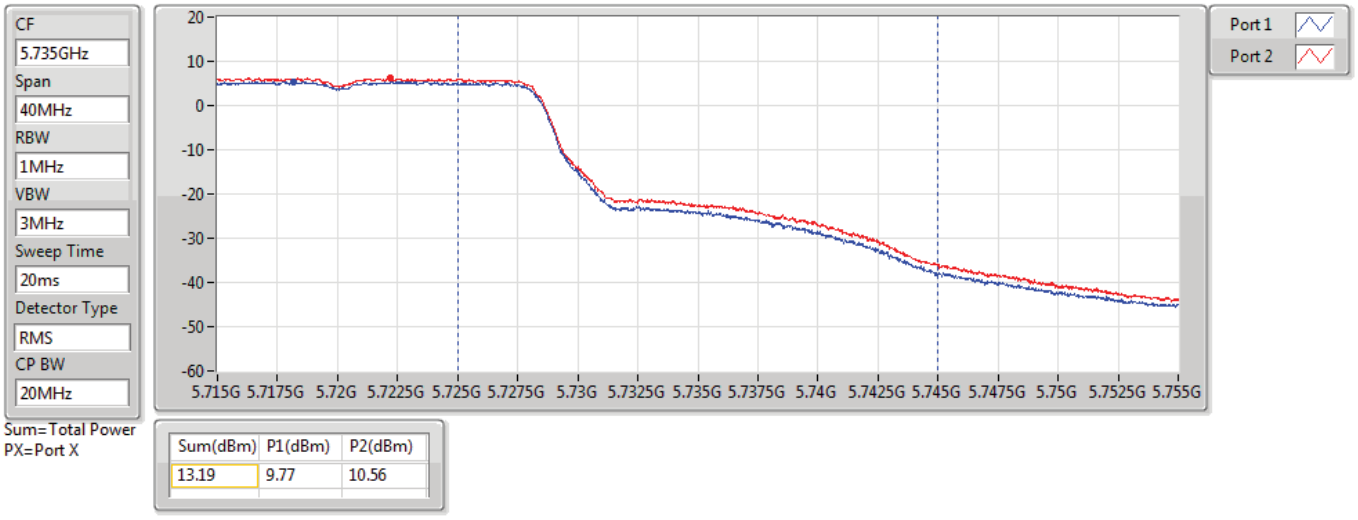


Sum(dBm)	P1(dBm)	P2(dBm)
19.42	16.02	16.76

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/01/2022

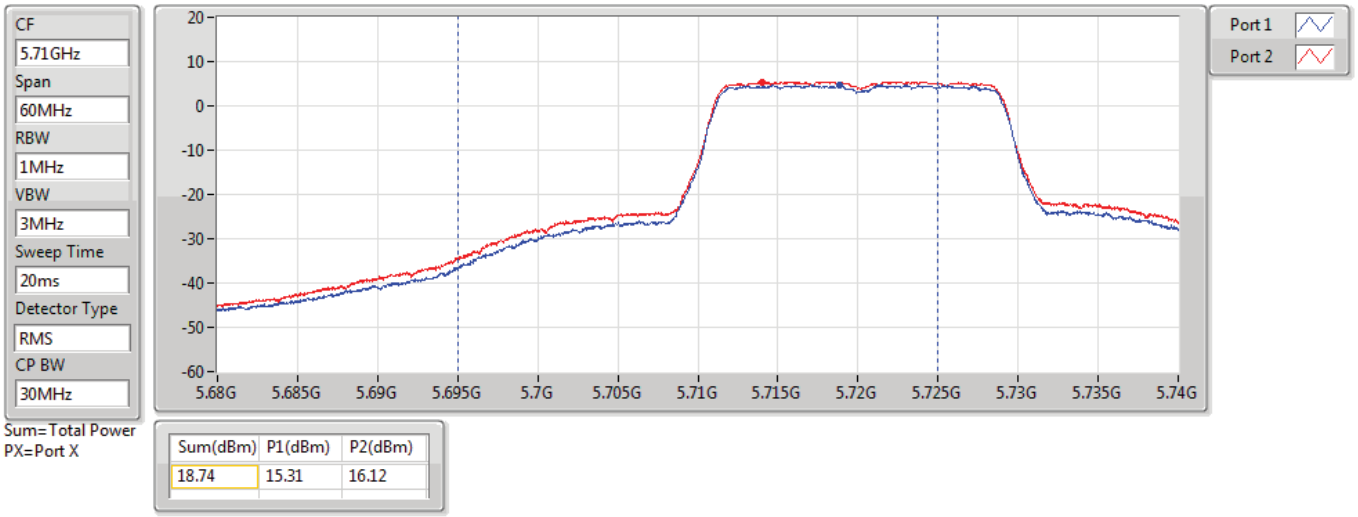


Sum(dBm)	P1(dBm)	P2(dBm)
13.19	9.77	10.56

802.11ac VHT20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

03/01/2022

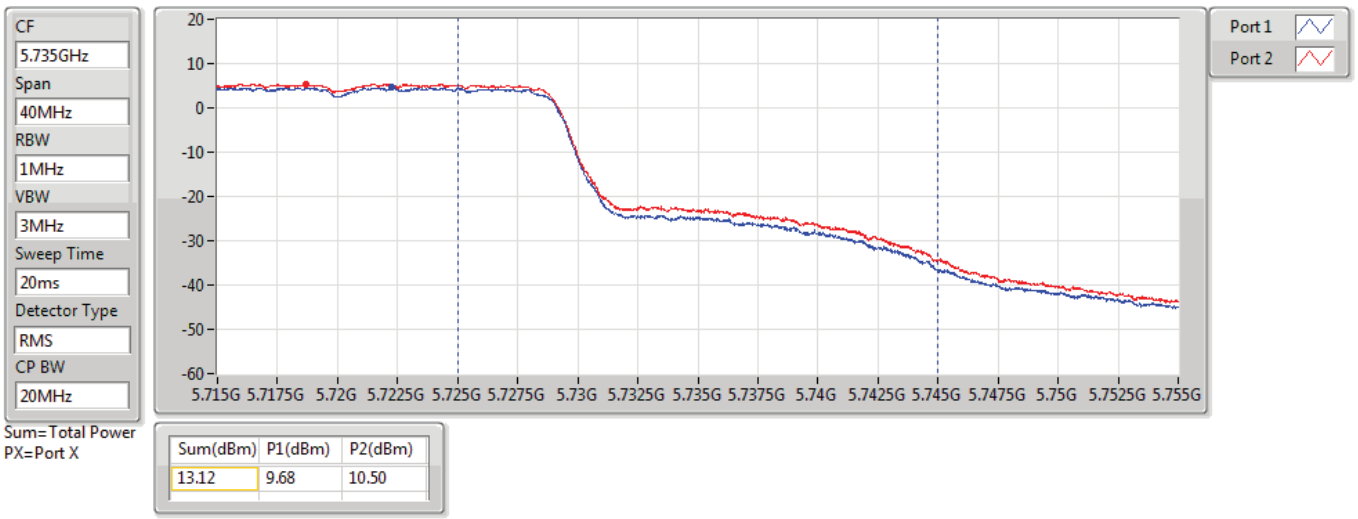


Sum(dBm)	P1(dBm)	P2(dBm)
18.74	15.31	16.12

802.11ac VHT20_Nss1,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

03/01/2022

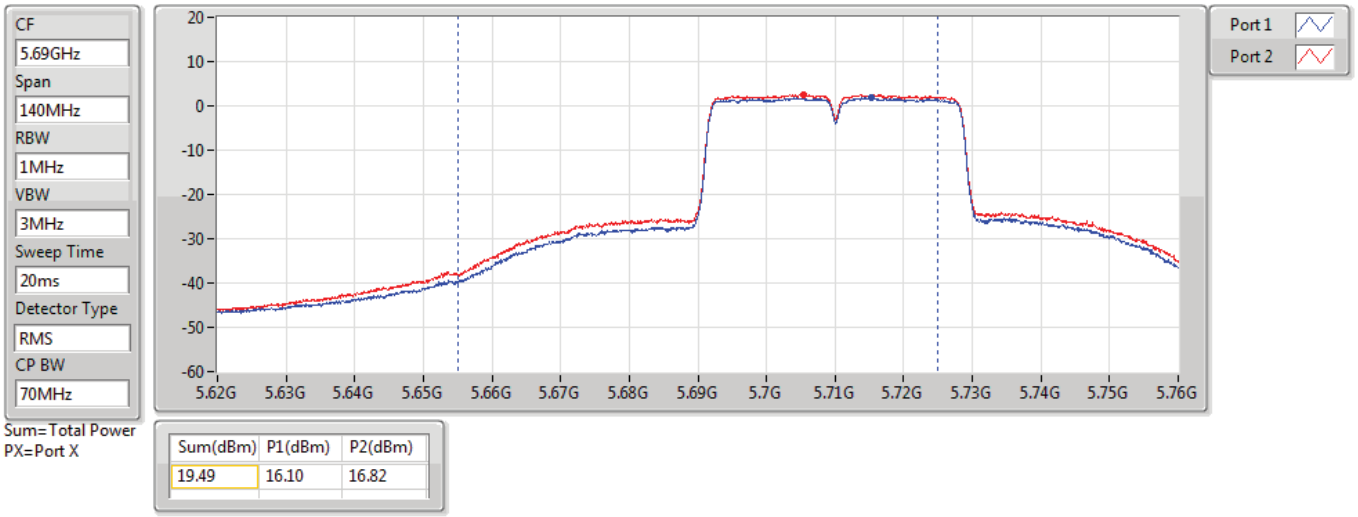


Sum(dBm)	P1(dBm)	P2(dBm)
13.12	9.68	10.50

802.11ac VHT40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

03/01/2022

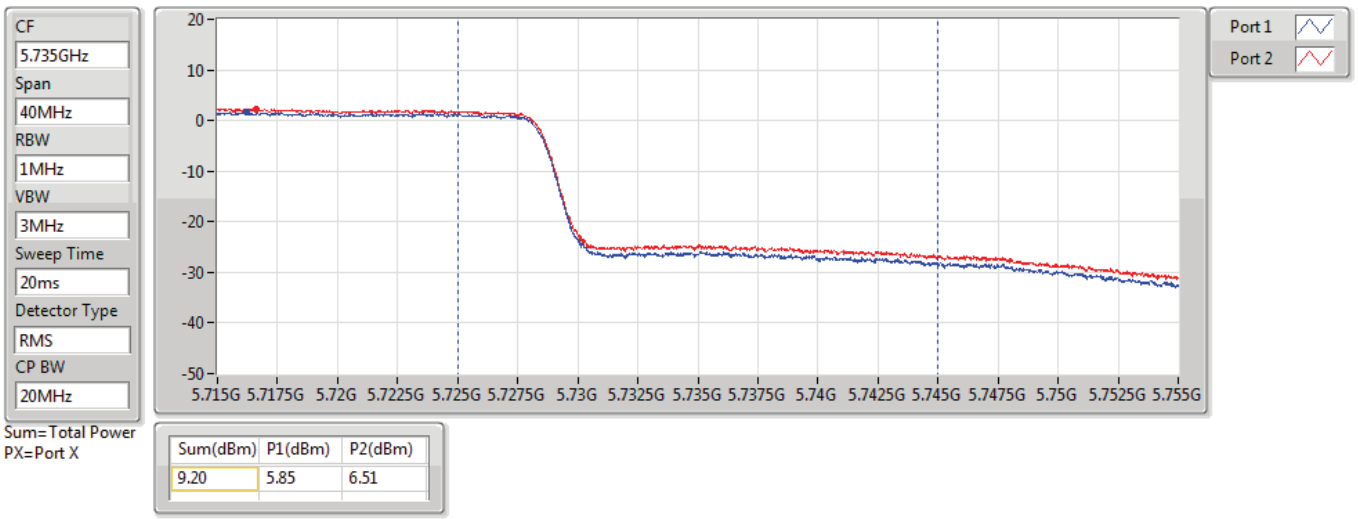


Sum(dBm)	P1(dBm)	P2(dBm)
19.49	16.10	16.82

802.11ac VHT40_Nss1,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

03/01/2022

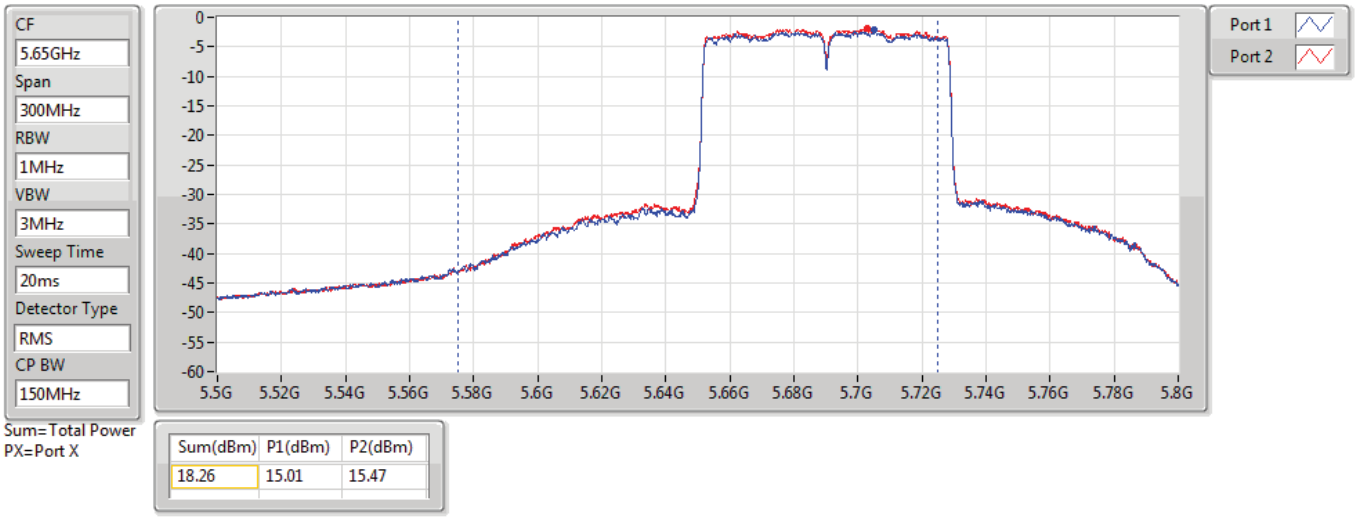


Sum(dBm)	P1(dBm)	P2(dBm)
9.20	5.85	6.51

802.11ac VHT80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

03/01/2022

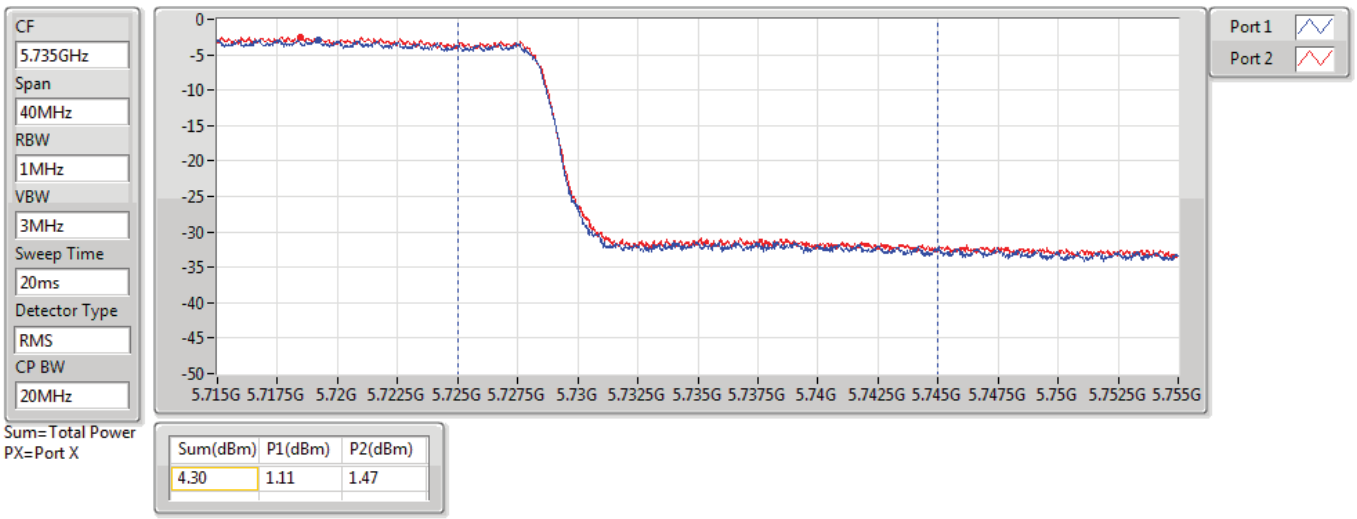


Sum(dBm)	P1(dBm)	P2(dBm)
18.26	15.01	15.47

802.11ac VHT80_Nss1,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

03/01/2022



Sum(dBm)	P1(dBm)	P2(dBm)
4.30	1.11	1.47

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.42	16.84
802.11ac VHT20_Nss1,(MCS0)_2TX	8.43	15.85
802.11ac VHT40_Nss1,(MCS0)_2TX	4.68	12.10
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.64	2.78
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.33	16.75
802.11ac VHT20_Nss1,(MCS0)_2TX	8.28	15.70
802.11ac VHT40_Nss1,(MCS0)_2TX	4.93	12.35
802.11ac VHT80_Nss1,(MCS0)_2TX	-9.88	-2.46
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.30	15.72
802.11ac VHT20_Nss1,(MCS0)_2TX	7.34	14.76
802.11ac VHT40_Nss1,(MCS0)_2TX	5.12	12.54
802.11ac VHT80_Nss1,(MCS0)_2TX	0.23	7.65
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.61	13.03
802.11ac VHT20_Nss1,(MCS0)_2TX	4.81	12.23
802.11ac VHT40_Nss1,(MCS0)_2TX	1.82	9.24
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.19	5.23

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

Result

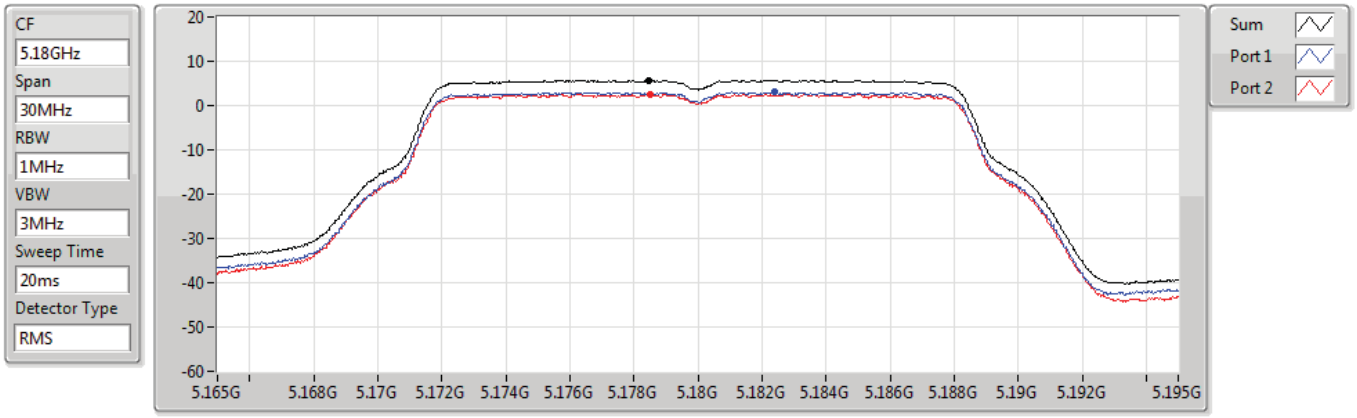
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.42	3.03	2.56	5.71	9.58	13.13	17.00
5200MHz	Pass	7.42	5.72	5.74	8.60	9.58	16.02	17.00
5240MHz	Pass	7.42	6.43	6.48	9.42	9.58	16.84	17.00
5260MHz	Pass	7.42	6.49	6.34	9.33	9.58	16.75	17.00
5300MHz	Pass	7.42	6.12	6.09	9.03	9.58	16.45	17.00
5320MHz	Pass	7.42	1.65	1.94	4.73	9.58	12.15	17.00
5500MHz	Pass	7.42	3.42	3.30	6.27	9.58	13.69	17.00
5580MHz	Pass	7.42	5.36	5.39	8.30	9.58	15.72	17.00
5700MHz	Pass	7.42	-0.53	-0.31	2.53	9.58	9.95	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.42	3.97	4.69	7.31	9.58	14.73	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.42	2.12	2.86	5.37	28.58	12.79	36.00
5745MHz	Pass	7.42	2.28	3.02	5.61	28.58	13.03	36.00
5785MHz	Pass	7.42	1.74	2.29	4.98	28.58	12.40	36.00
5825MHz	Pass	7.42	1.76	2.05	4.83	28.58	12.25	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.42	1.93	2.37	5.07	9.58	12.49	17.00
5200MHz	Pass	7.42	5.13	5.07	8.05	9.58	15.47	17.00
5240MHz	Pass	7.42	5.45	5.52	8.43	9.58	15.85	17.00
5260MHz	Pass	7.42	5.46	5.29	8.28	9.58	15.70	17.00
5300MHz	Pass	7.42	4.45	4.51	7.41	9.58	14.83	17.00
5320MHz	Pass	7.42	0.86	1.15	3.95	9.58	11.37	17.00
5500MHz	Pass	7.42	0.34	0.55	3.38	9.58	10.80	17.00
5580MHz	Pass	7.42	4.07	4.59	7.34	9.58	14.76	17.00
5700MHz	Pass	7.42	-2.38	-1.86	0.80	9.58	8.22	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.42	3.13	3.92	6.49	9.58	13.91	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.42	1.42	2.02	4.62	28.58	12.04	36.00
5745MHz	Pass	7.42	1.42	2.26	4.81	28.58	12.23	36.00
5785MHz	Pass	7.42	1.04	1.40	4.16	28.58	11.58	36.00
5825MHz	Pass	7.42	1.08	1.54	4.27	28.58	11.69	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.42	-4.80	-4.49	-1.72	9.58	5.70	17.00
5230MHz	Pass	7.42	1.90	1.80	4.68	9.58	12.10	17.00
5270MHz	Pass	7.42	1.97	1.96	4.93	9.58	12.35	17.00
5310MHz	Pass	7.42	-7.85	-8.19	-5.05	9.58	2.37	17.00
5510MHz	Pass	7.42	-5.68	-5.84	-2.77	9.58	4.65	17.00
5550MHz	Pass	7.42	2.25	2.08	5.12	9.58	12.54	17.00
5670MHz	Pass	7.42	0.58	0.95	3.77	9.58	11.19	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.42	0.39	0.98	3.67	9.58	11.09	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.42	-1.78	-1.01	1.57	28.58	8.99	36.00
5755MHz	Pass	7.42	-1.66	-0.77	1.82	28.58	9.24	36.00
5795MHz	Pass	7.42	-1.58	-1.45	1.34	28.58	8.76	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.42	-7.65	-7.29	-4.64	9.58	2.78	17.00
5290MHz	Pass	7.42	-12.54	-13.14	-9.88	9.58	-2.46	17.00
5530MHz	Pass	7.42	-11.81	-12.78	-9.38	9.58	-1.96	17.00
5610MHz	Pass	7.42	-2.95	-2.19	0.23	9.58	7.65	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.42	-3.98	-3.10	-0.63	9.58	6.79	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.42	-6.41	-6.03	-3.34	28.58	4.08	36.00
5775MHz	Pass	7.42	-5.26	-5.08	-2.19	28.58	5.23	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 X Power Density;

802.11a_Nss1,(6Mbps)_2TX PSD

5180MHz

30/12/2021

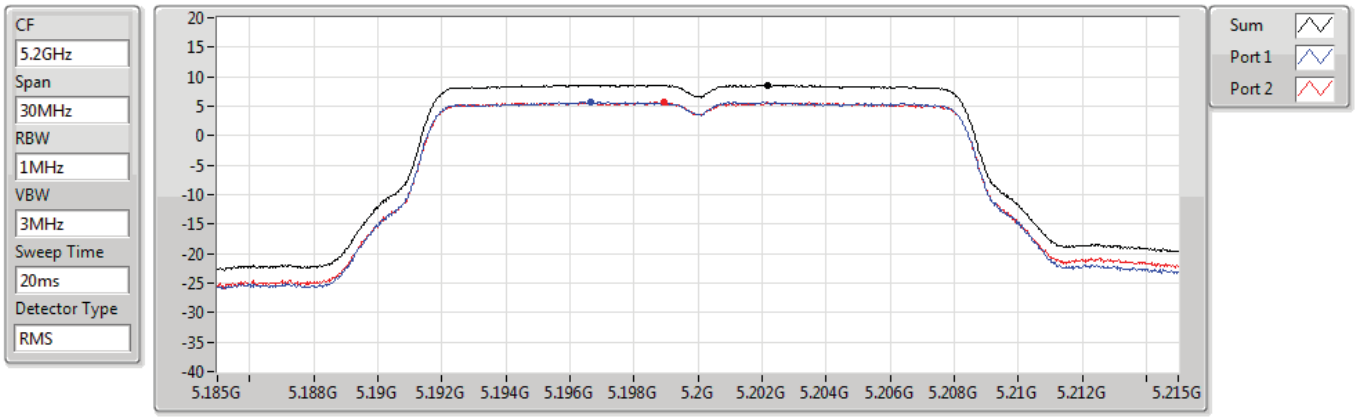


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	3.03	2.56

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

30/12/2021



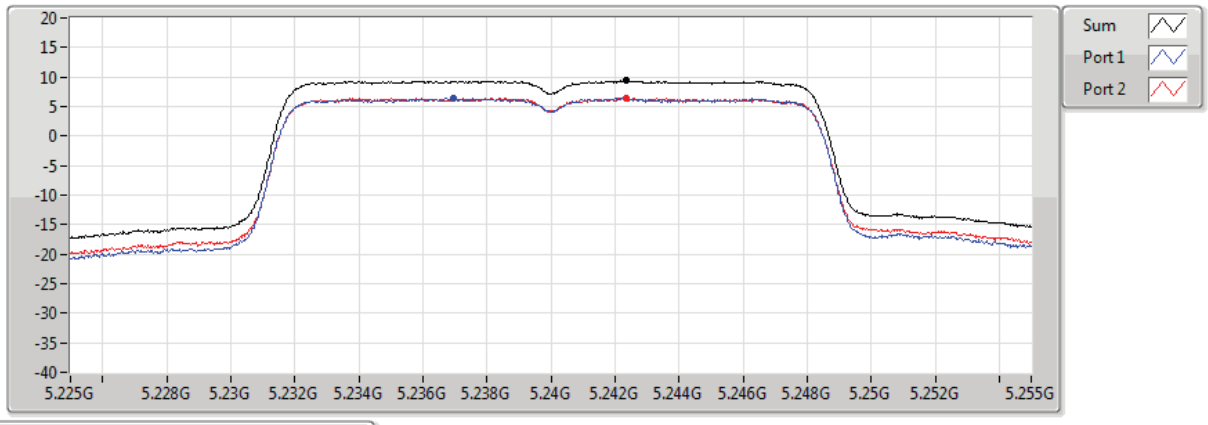
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	5.72	5.74

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

30/12/2021

CF	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



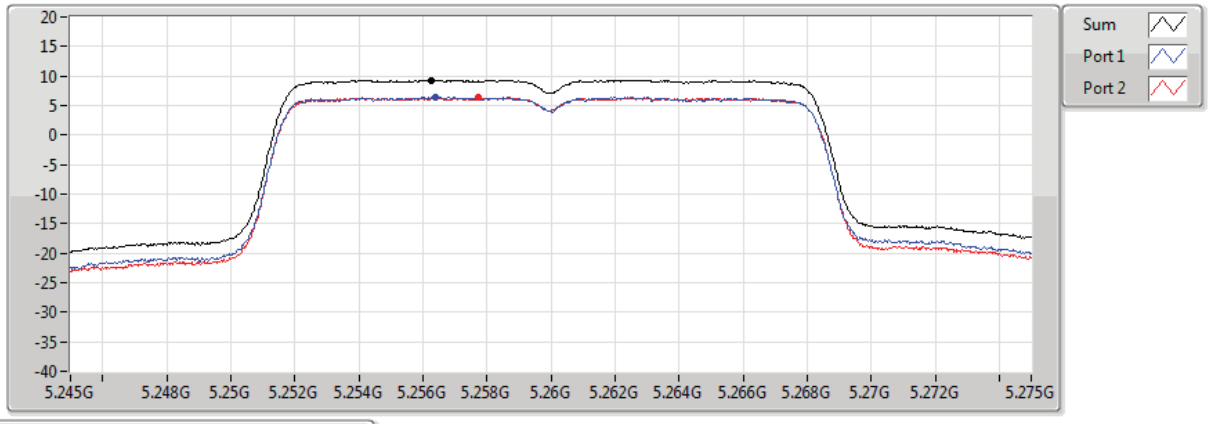
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	6.43	6.48

802.11a_Nss1,(6Mbps)_2TX PSD

5260MHz

03/01/2022

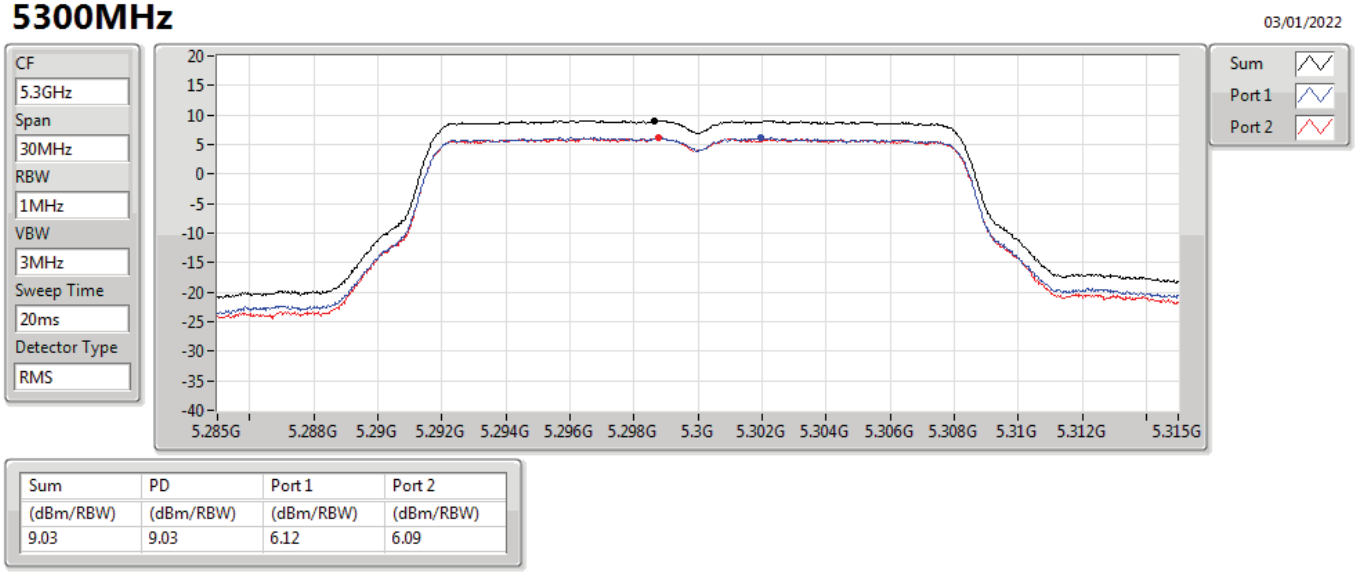
CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	6.49	6.34

802.11a_Nss1,(6Mbps)_2TX PSD

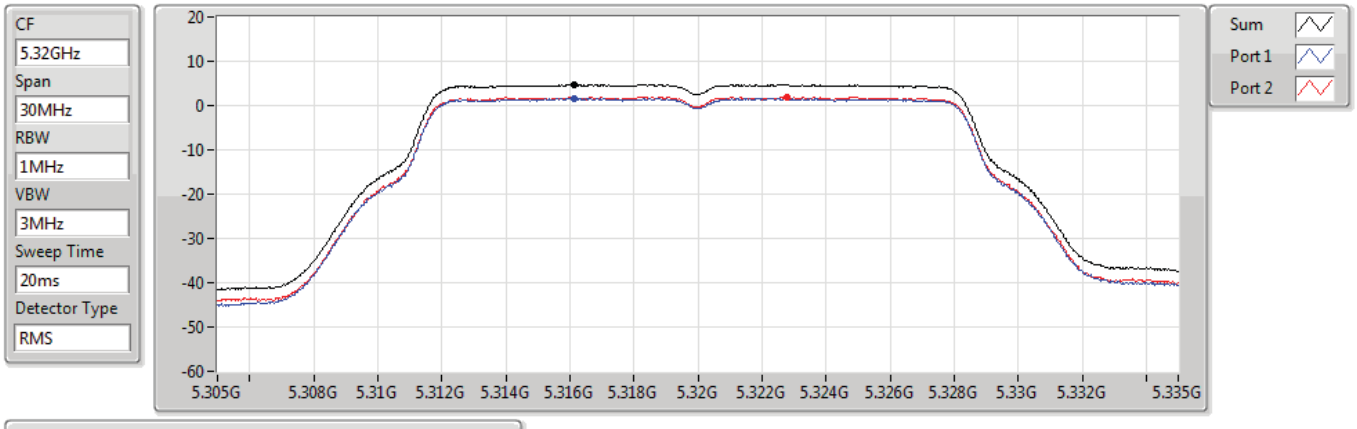
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.03	9.03	6.12	6.09

802.11a_Nss1,(6Mbps)_2TX PSD

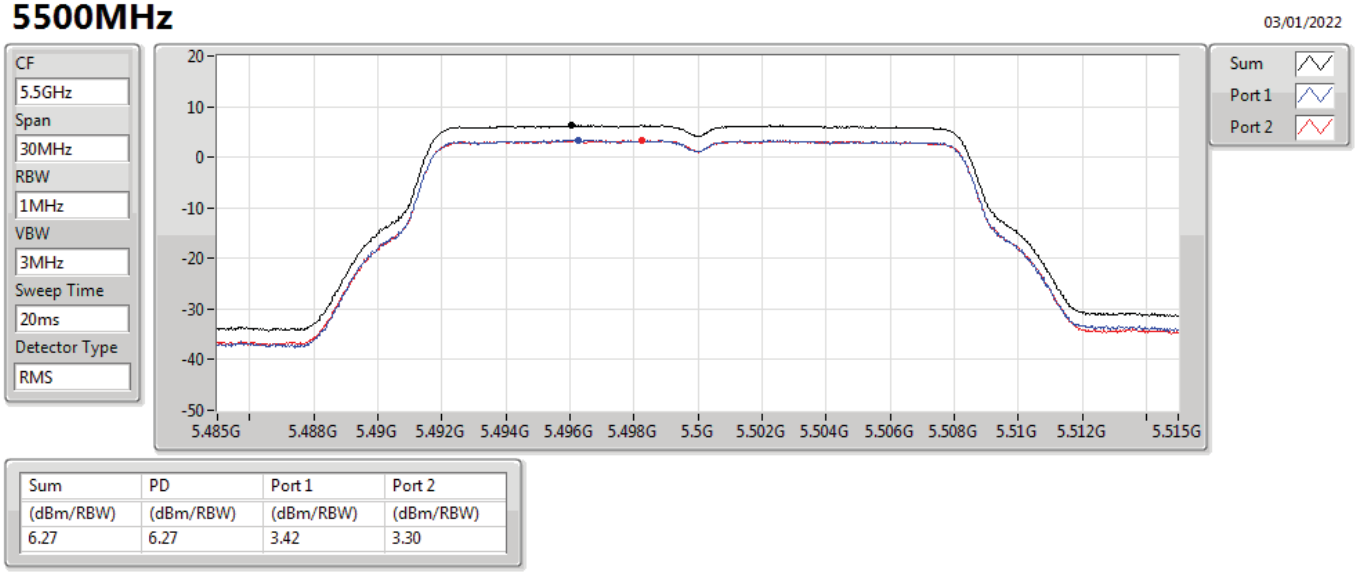
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	1.65	1.94

802.11a_Nss1,(6Mbps)_2TX PSD

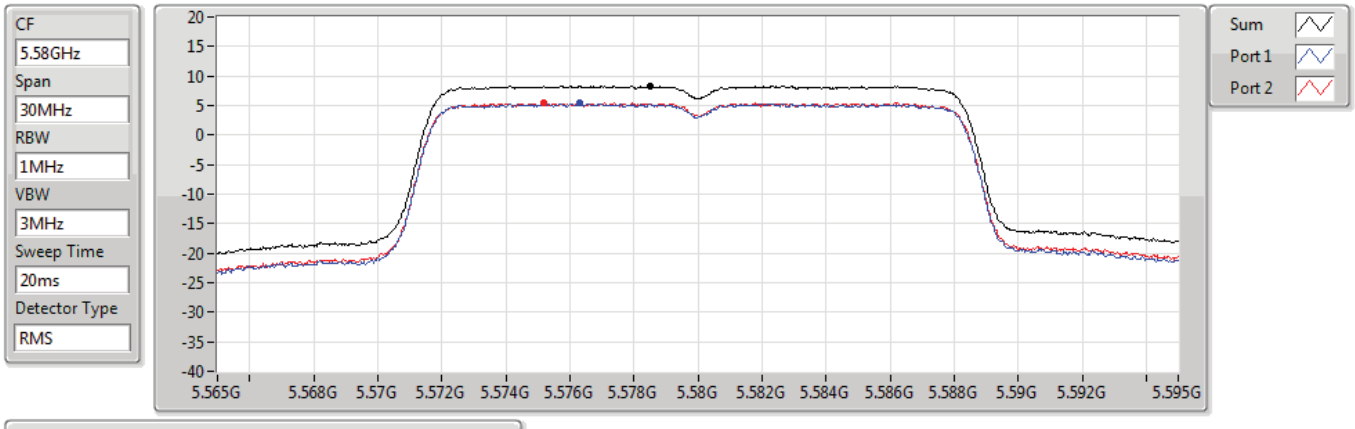
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	3.42	3.30

802.11a_Nss1,(6Mbps)_2TX PSD

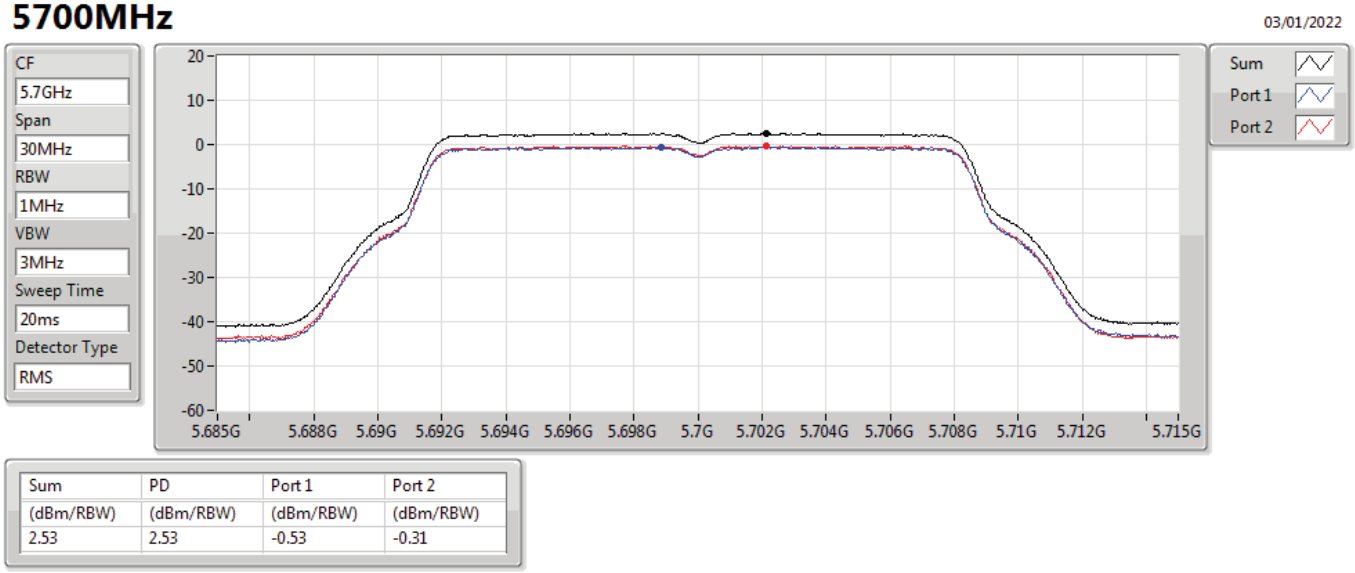
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	5.36	5.39

802.11a_Nss1,(6Mbps)_2TX PSD

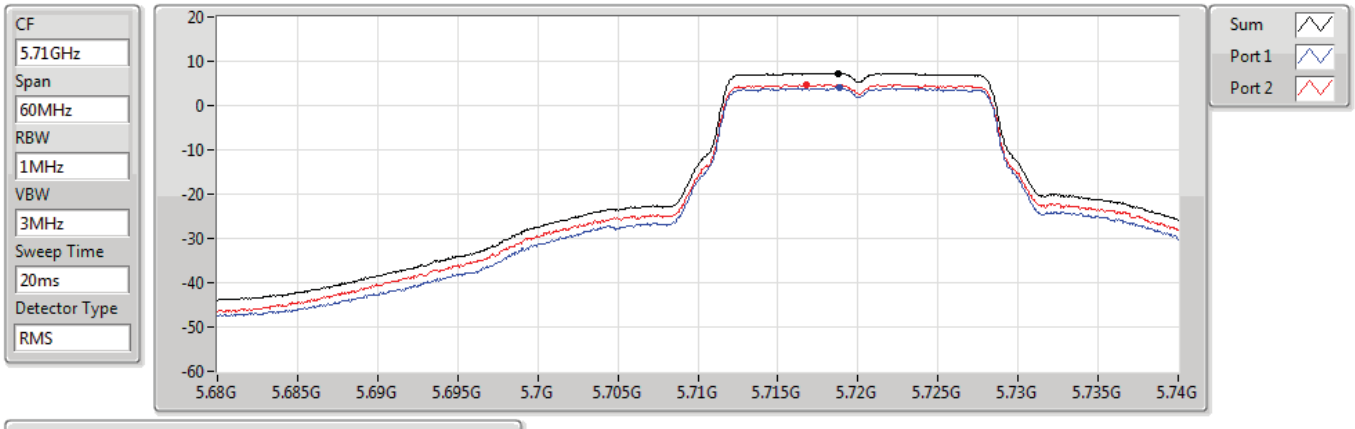
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-0.53	-0.31

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

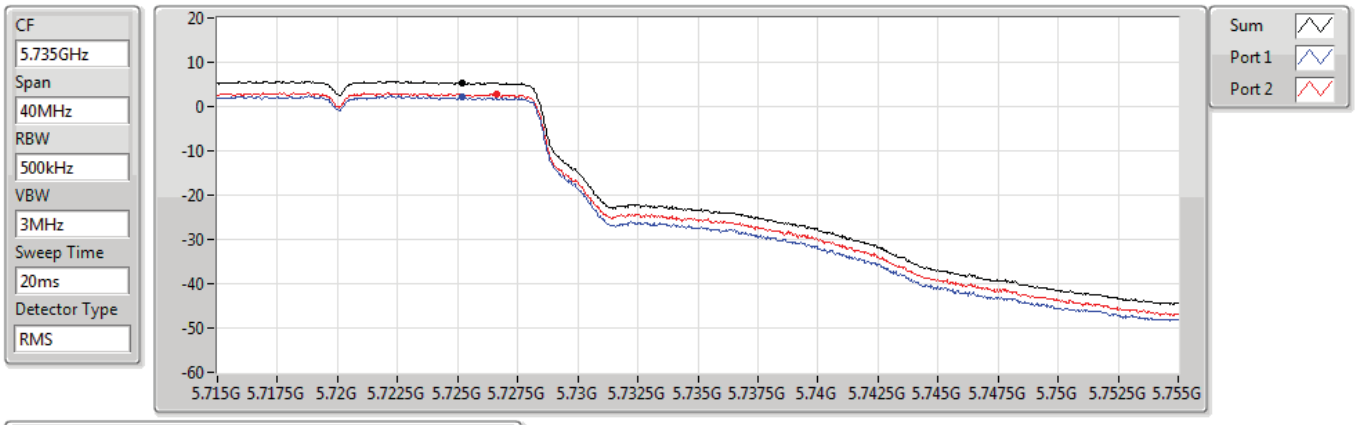


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	3.97	4.69

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

03/01/2022

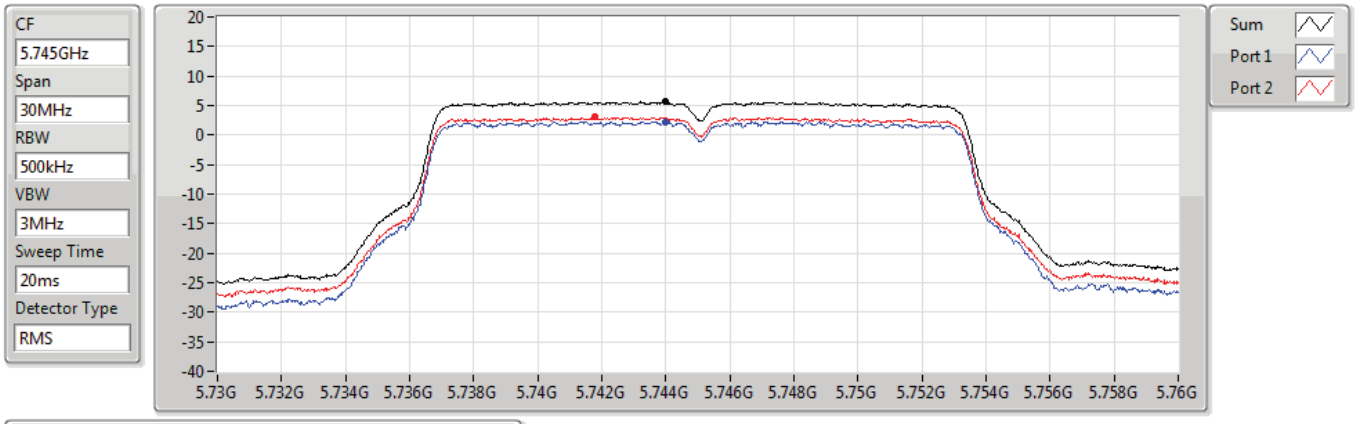


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.37	5.37	2.12	2.86

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

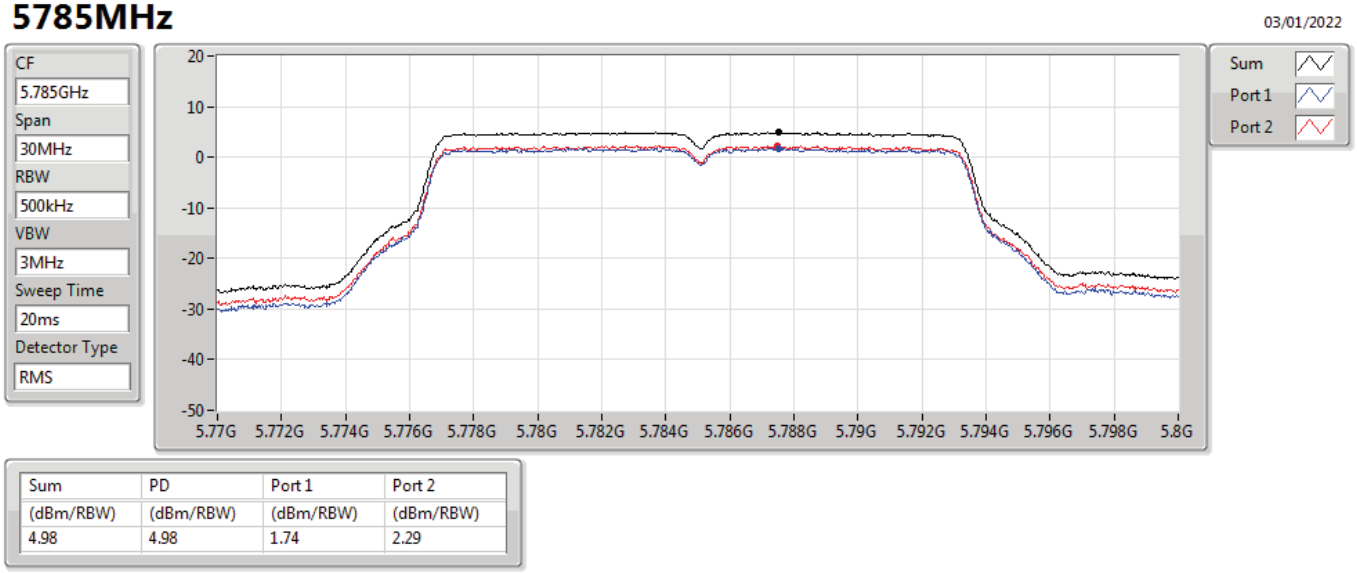
03/01/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	2.28	3.02

802.11a_Nss1,(6Mbps)_2TX PSD

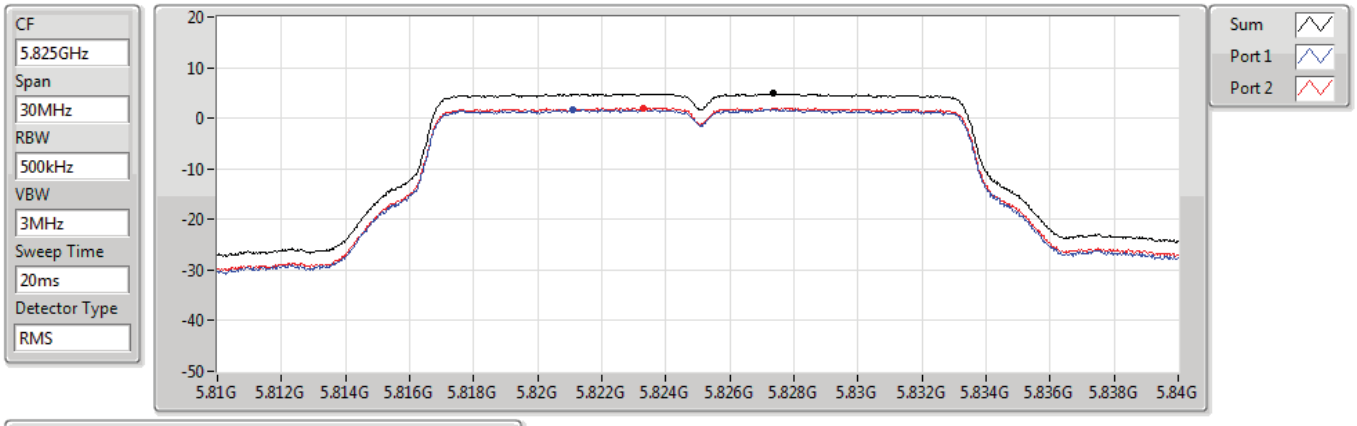
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.74	2.29

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz



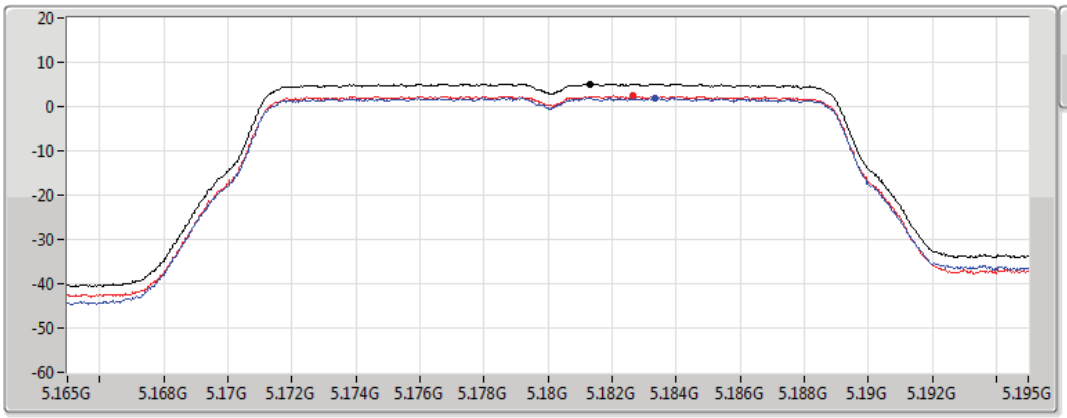
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	1.76	2.05

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5180MHz

03/01/2022

CF	5.18GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



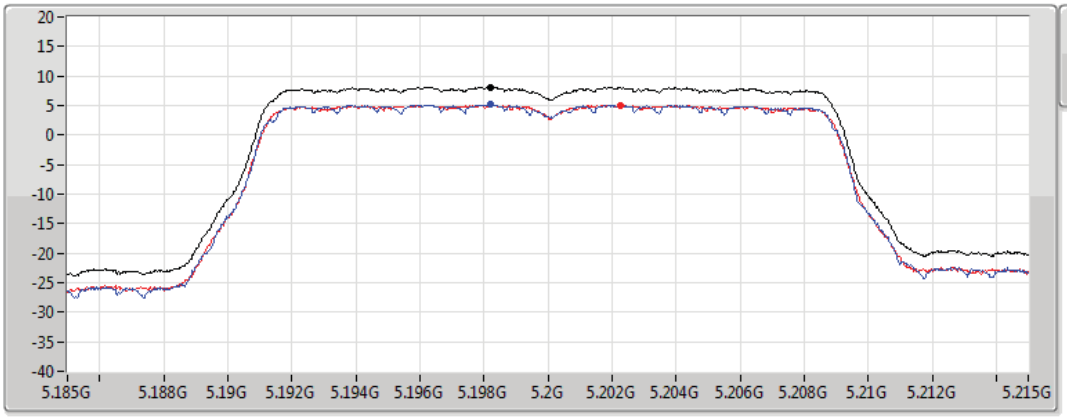
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	1.93	2.37

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5200MHz

03/01/2022

CF	5.2GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



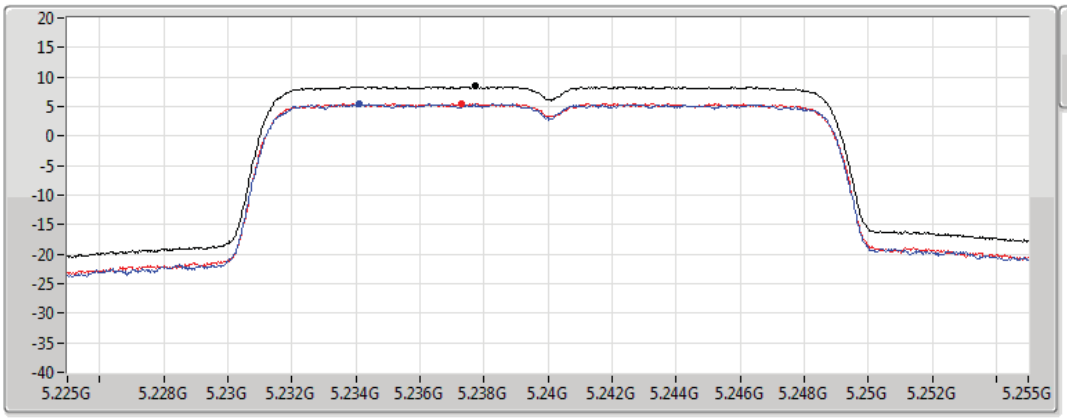
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	5.13	5.07

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5240MHz

03/01/2022

CF	5.24GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



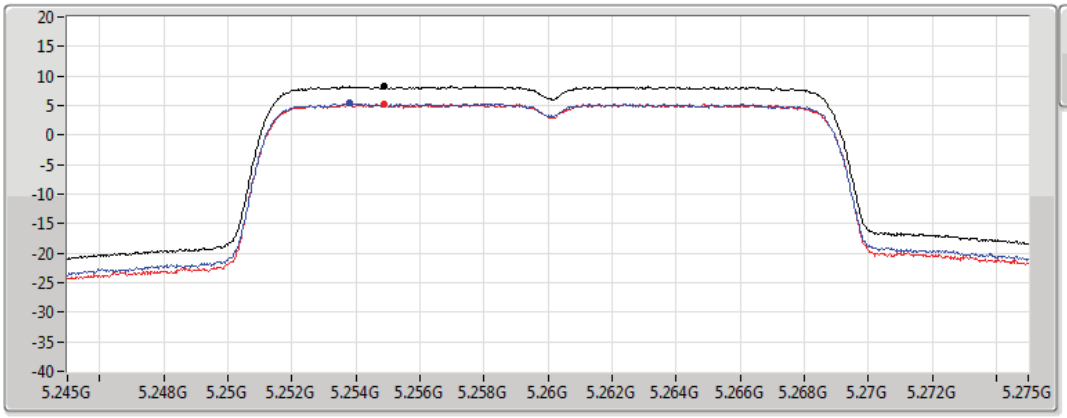
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	5.45	5.52

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5260MHz

03/01/2022

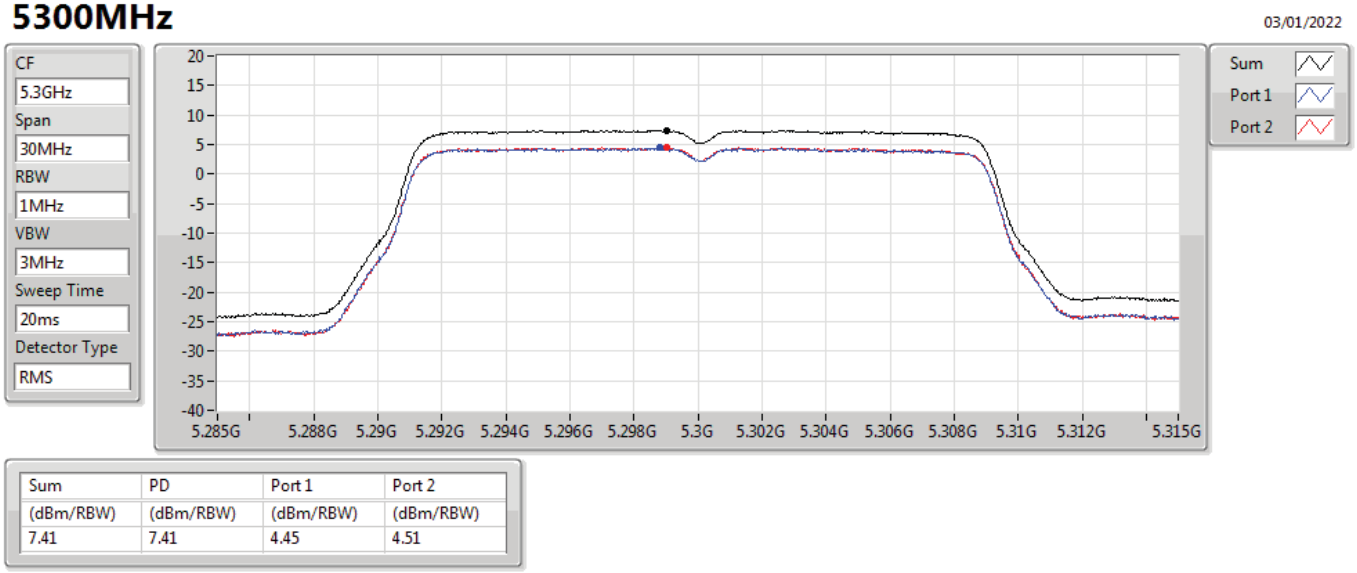
CF	5.26GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	5.46	5.29

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

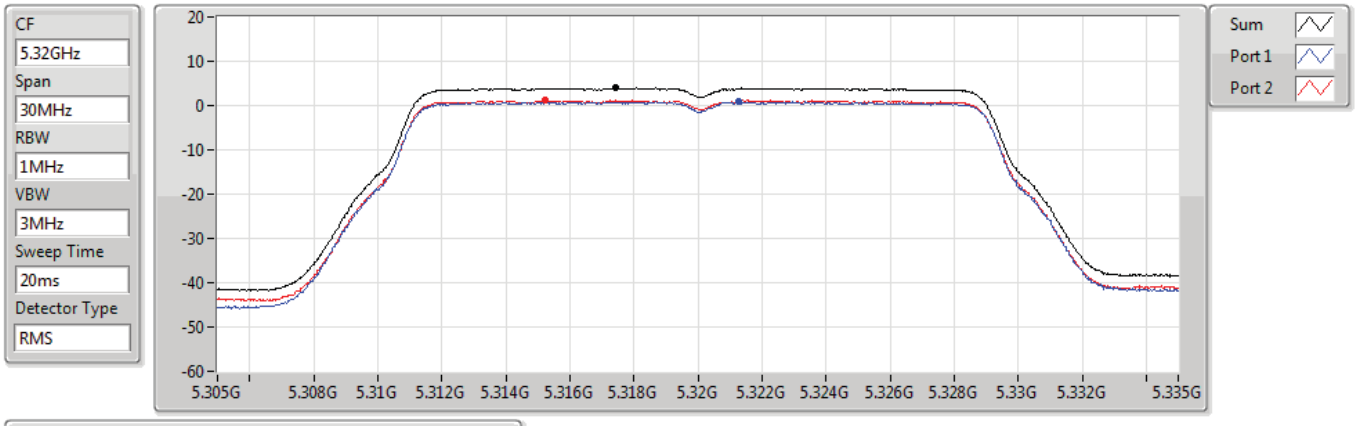
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	4.45	4.51

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5320MHz



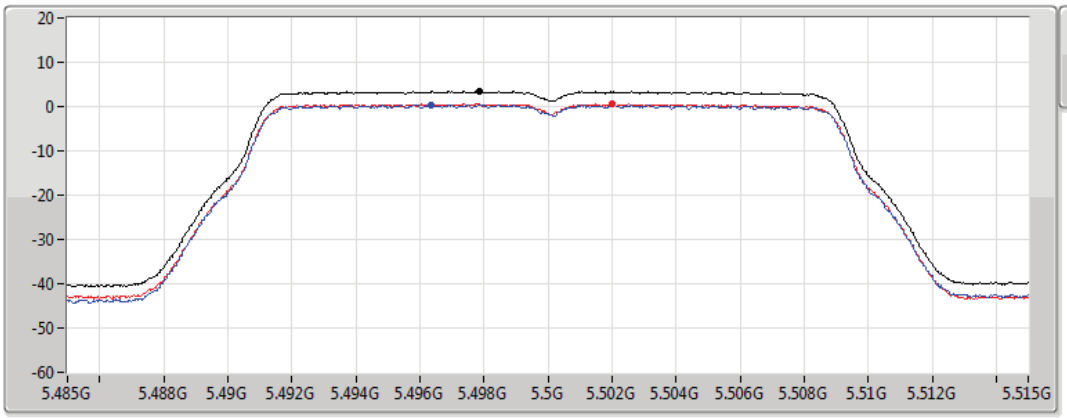
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	0.86	1.15

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5500MHz

03/01/2022

CF	5.5GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



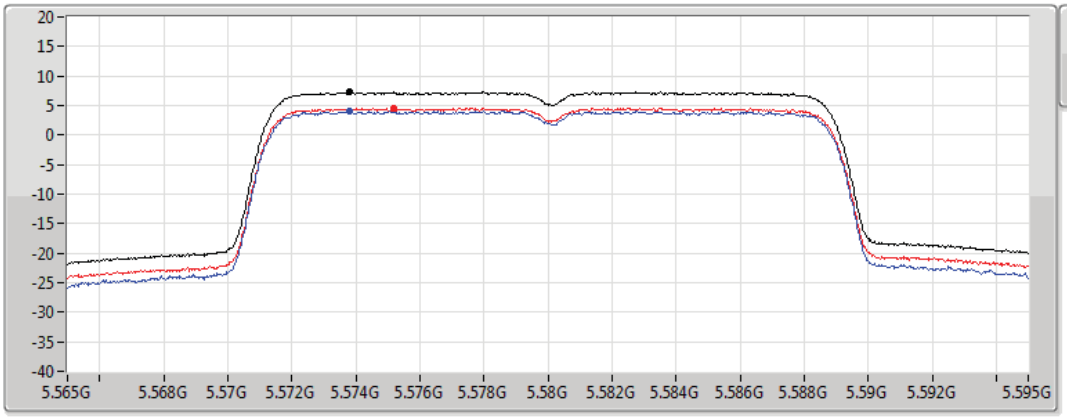
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	0.34	0.55

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5580MHz

03/01/2022

CF	5.58GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



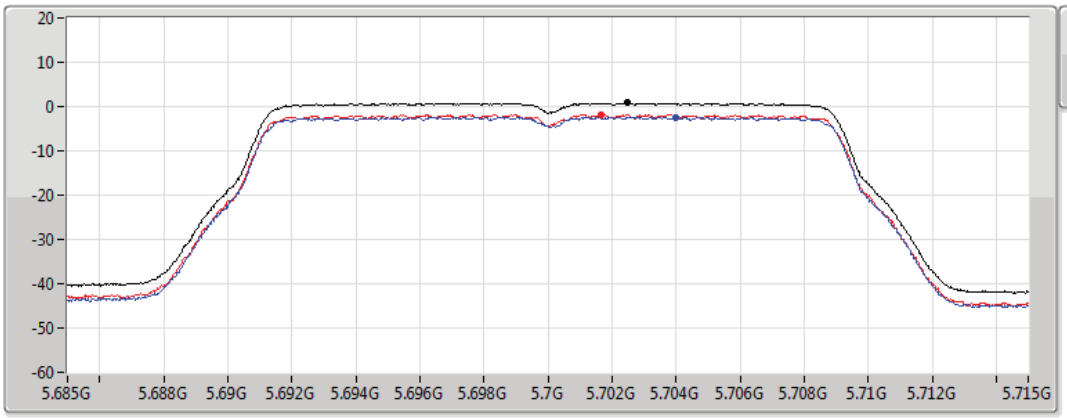
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.34	7.34	4.07	4.59

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5700MHz

03/01/2022

CF	5.7GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



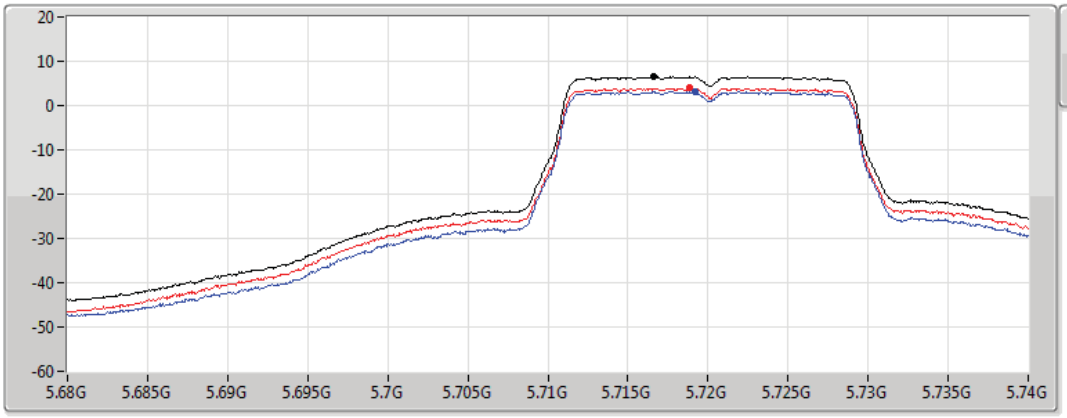
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.80	0.80	-2.38	-1.86

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

03/01/2022

CF	5.71GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



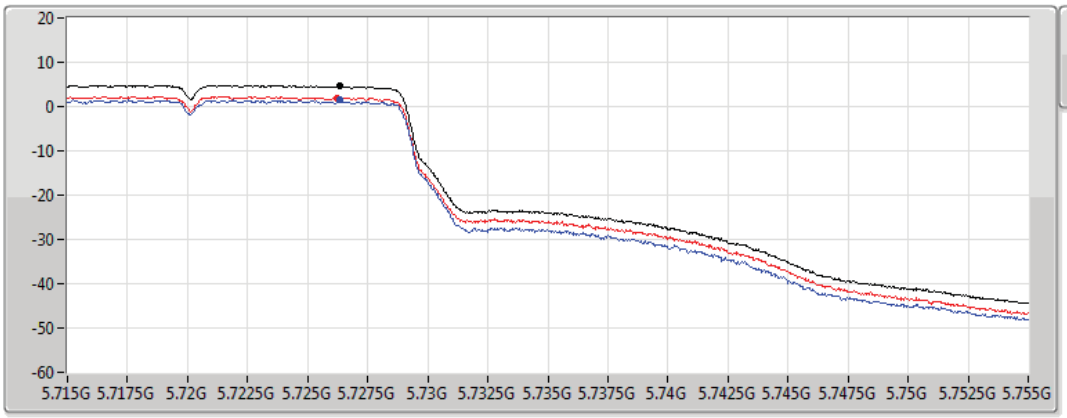
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	3.13	3.92

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

03/01/2022

CF	5.735GHz
Span	40MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



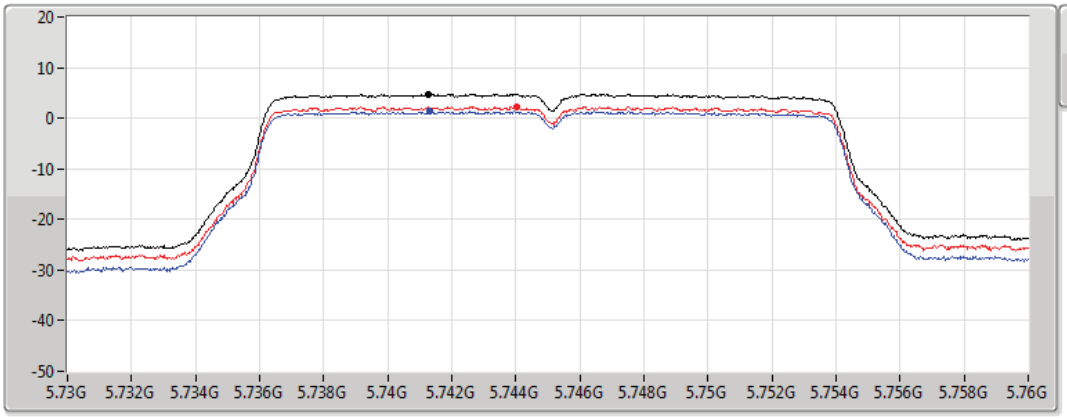
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	1.42	2.02

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5745MHz

03/01/2022

CF	5.745GHz
Span	30MHz
RBW	500kHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

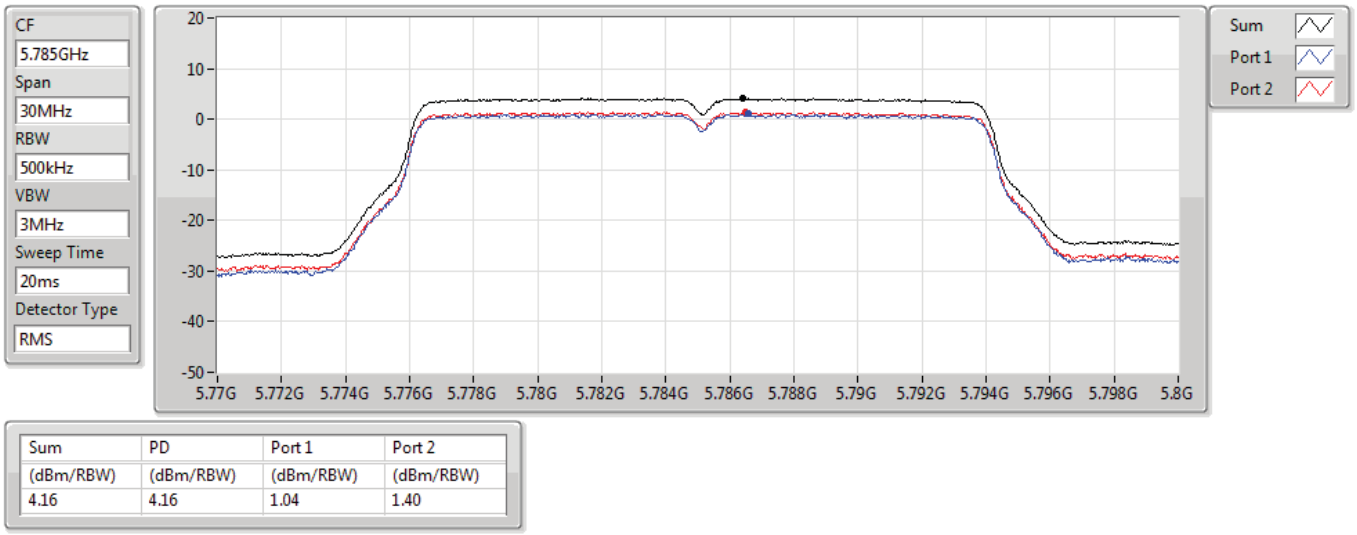


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	1.42	2.26

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5785MHz

03/01/2022

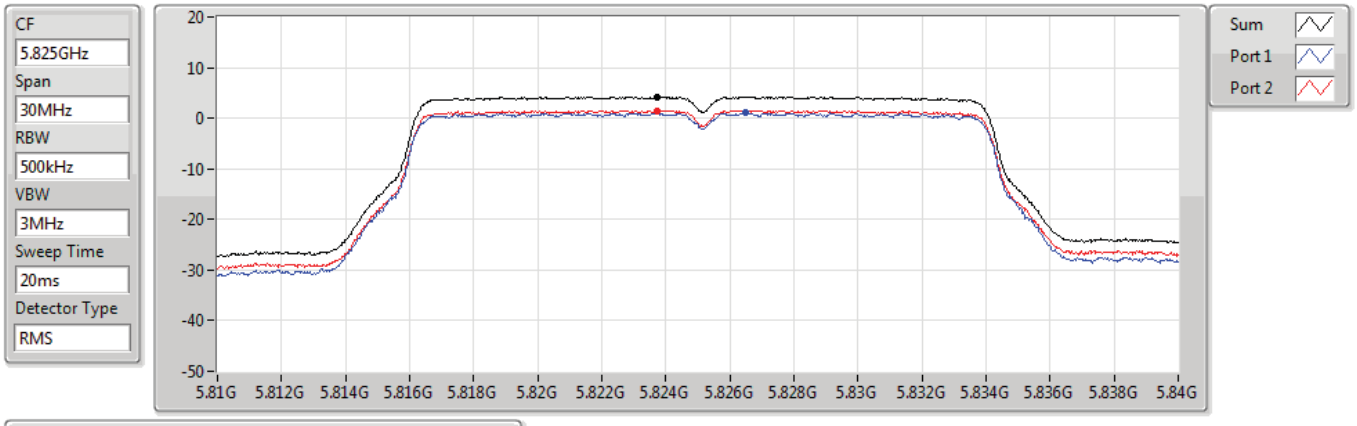


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	1.04	1.40

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5825MHz

03/01/2022



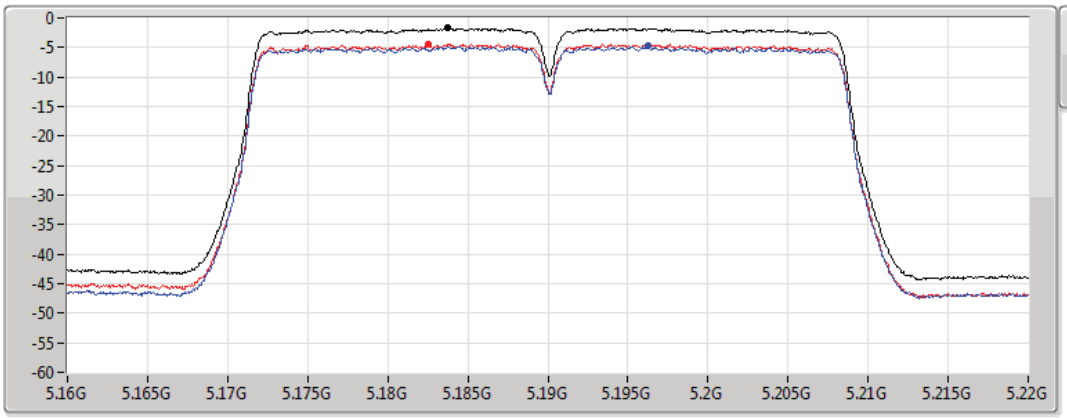
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.27	4.27	1.08	1.54

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5190MHz

03/01/2022

CF	5.19GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



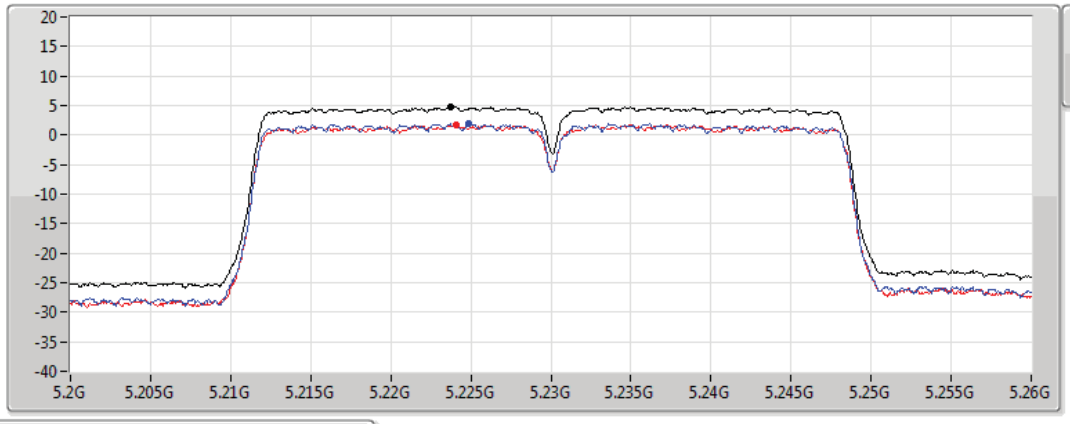
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.72	-1.72	-4.80	-4.49

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5230MHz

03/01/2022

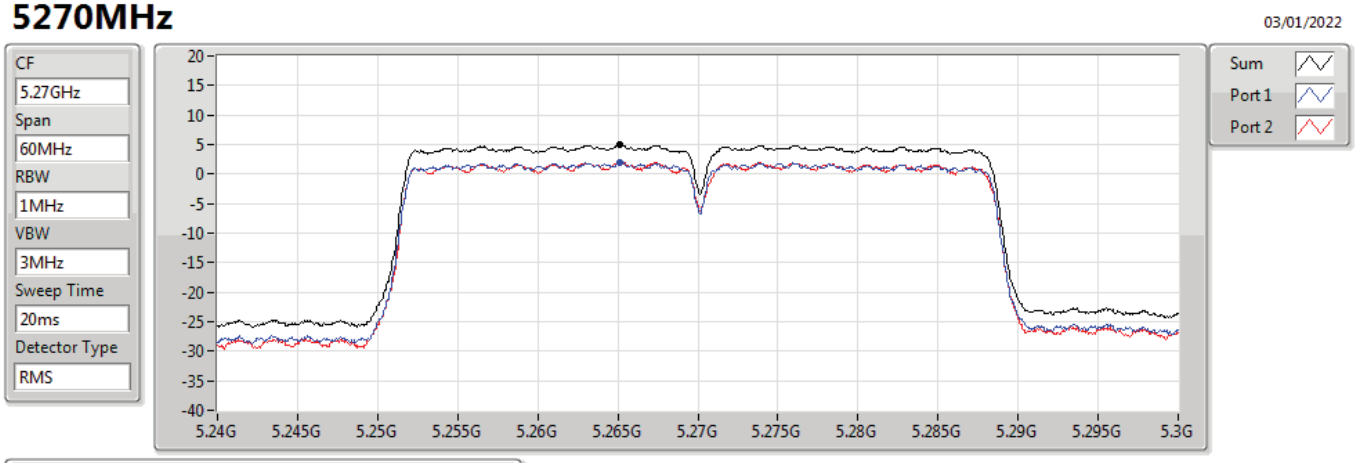
CF	5.23GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	1.90	1.80

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

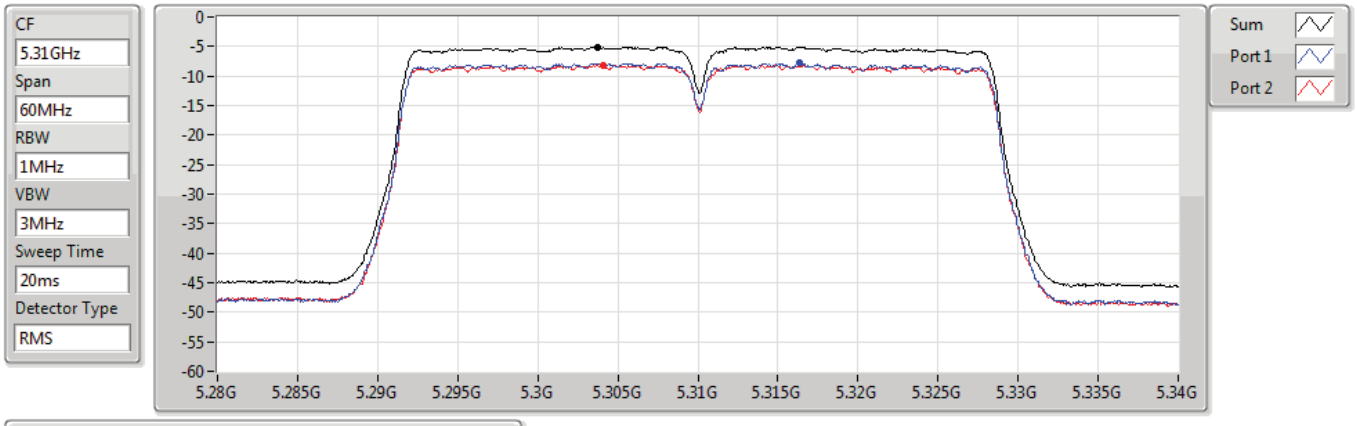
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	1.97	1.96

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

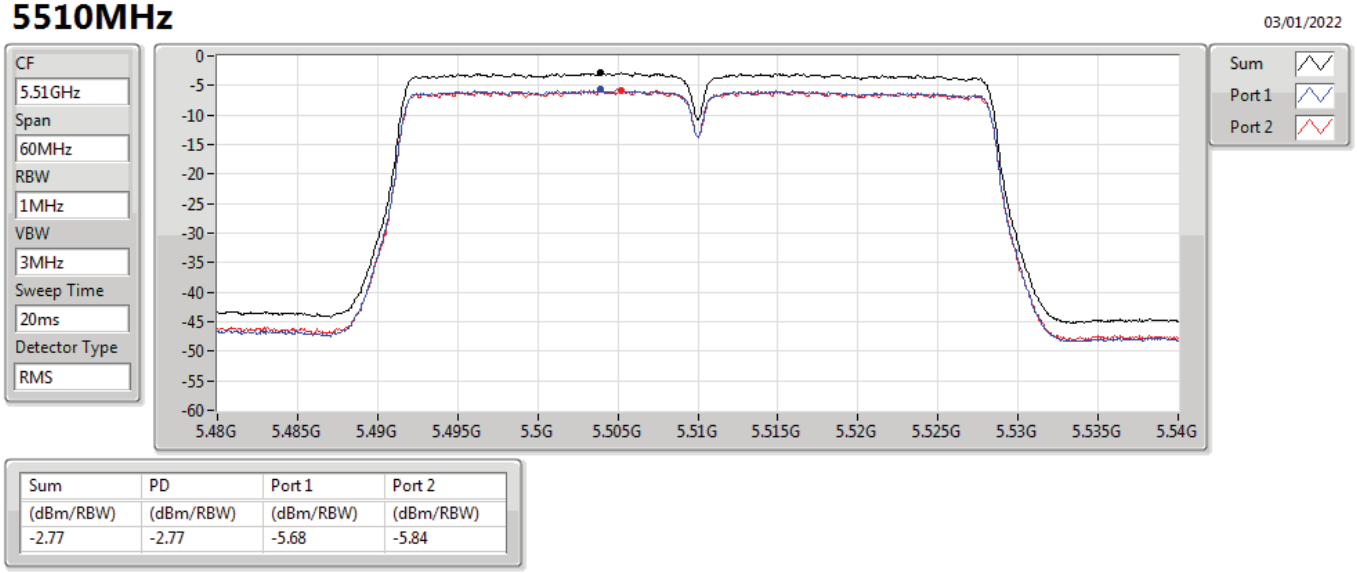
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.05	-5.05	-7.85	-8.19

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

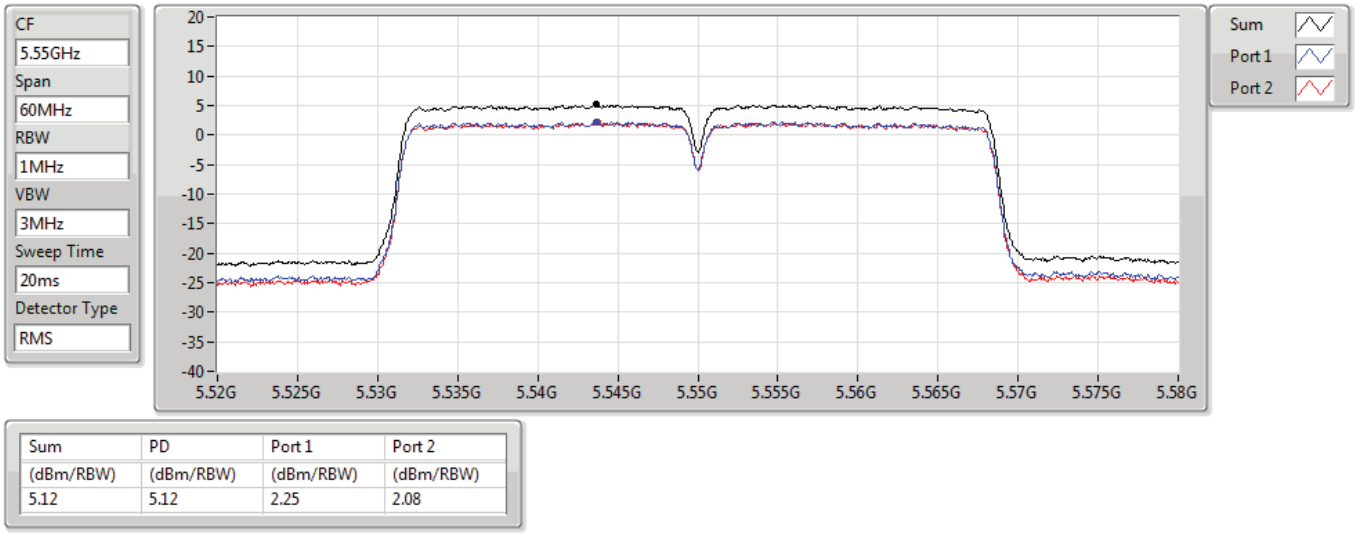
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.77	-2.77	-5.68	-5.84

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5550MHz



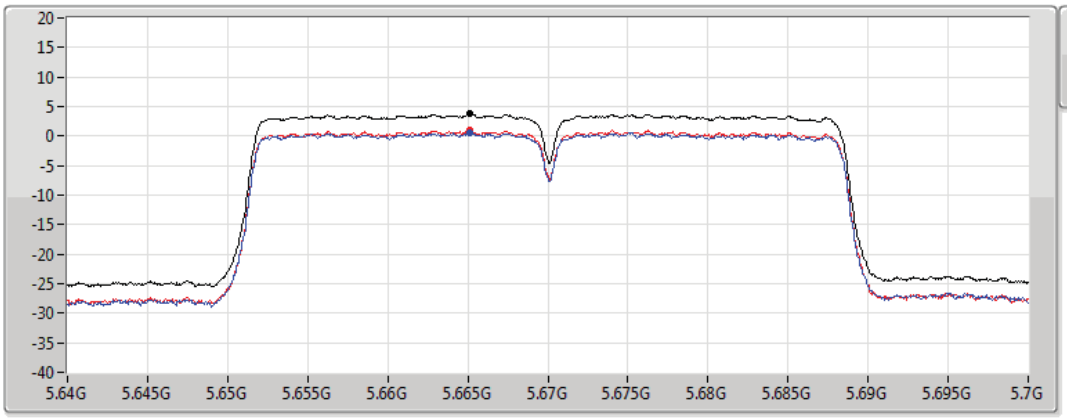
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	2.25	2.08

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5670MHz

03/01/2022

CF	5.67GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



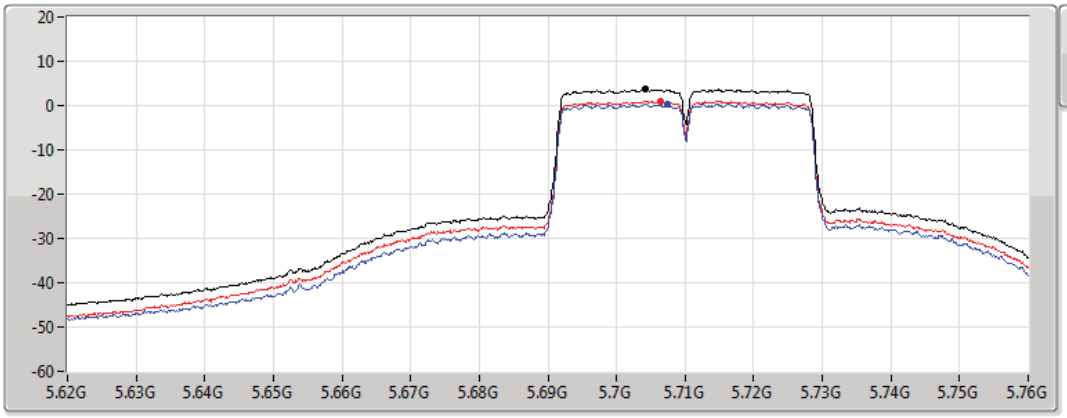
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.77	3.77	0.58	0.95

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

03/01/2022

CF	5.69GHz
Span	140MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

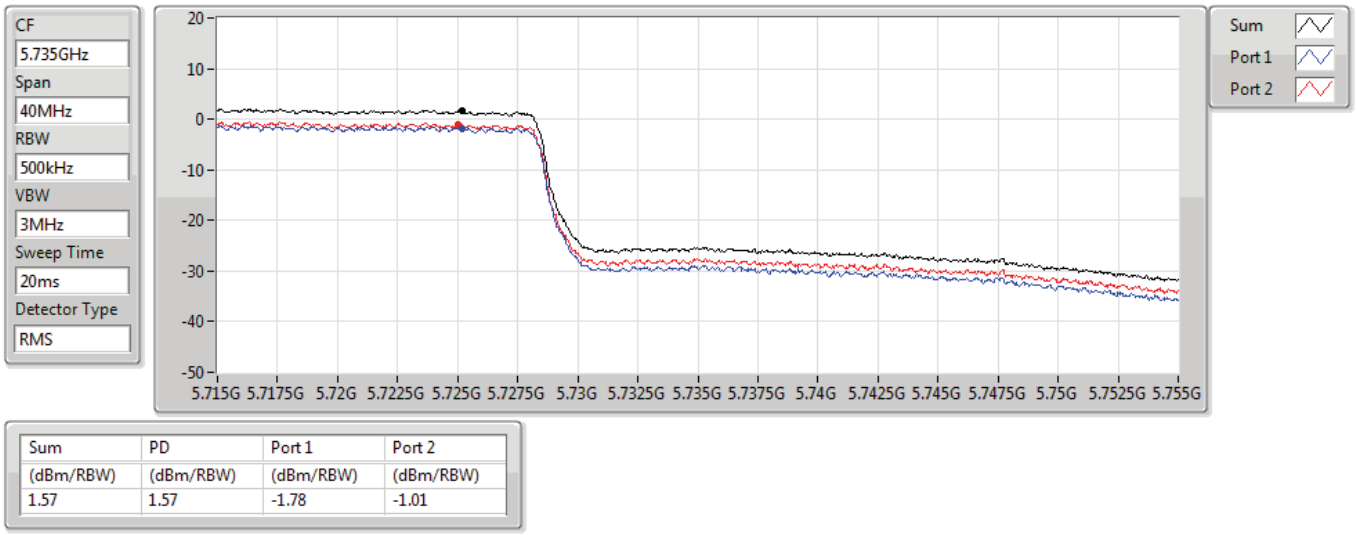


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.67	3.67	0.39	0.98

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

03/01/2022

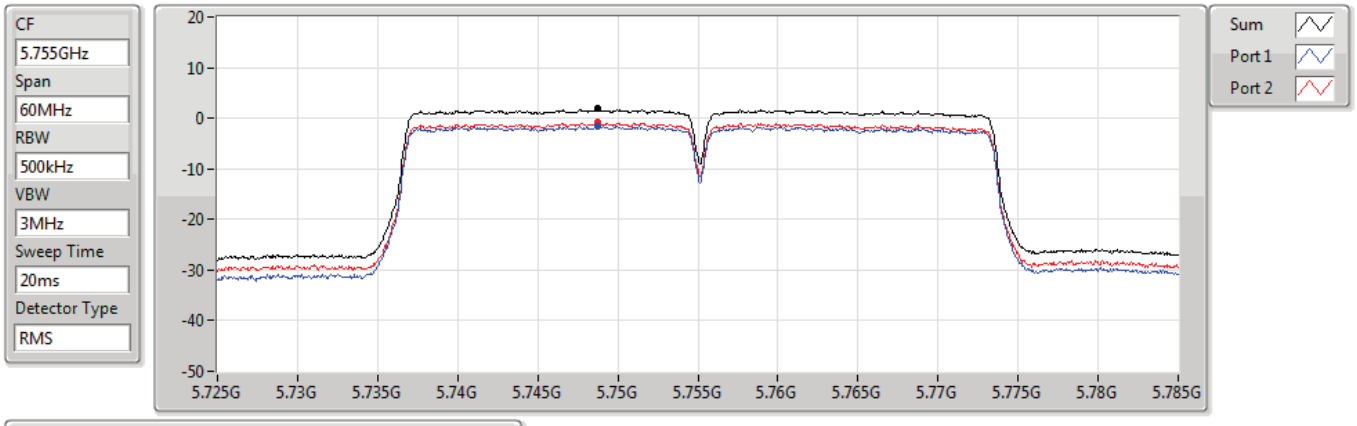


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.57	1.57	-1.78	-1.01

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5755MHz

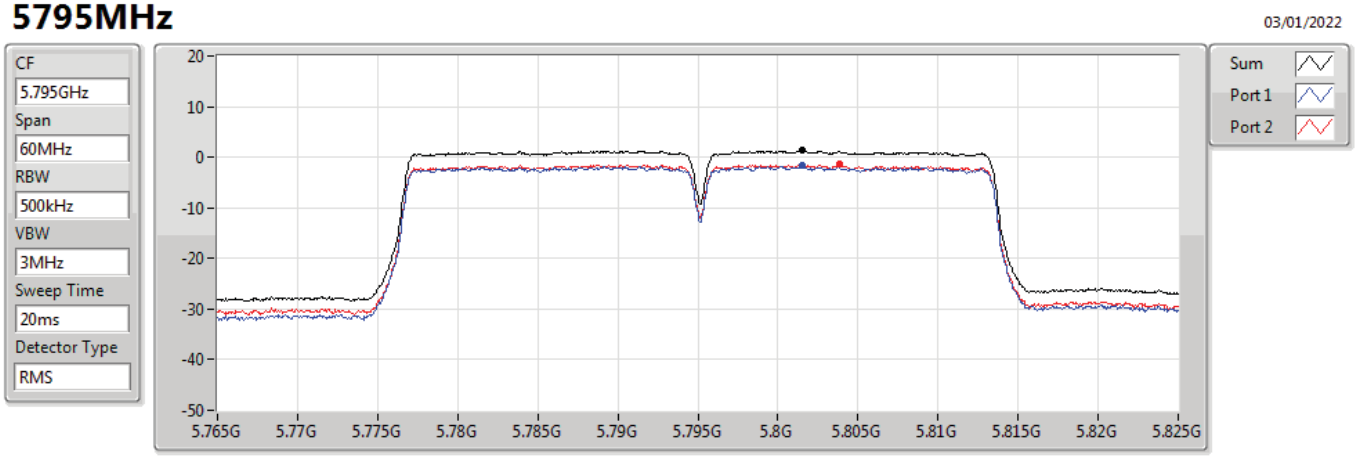
03/01/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.82	1.82	-1.66	-0.77

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

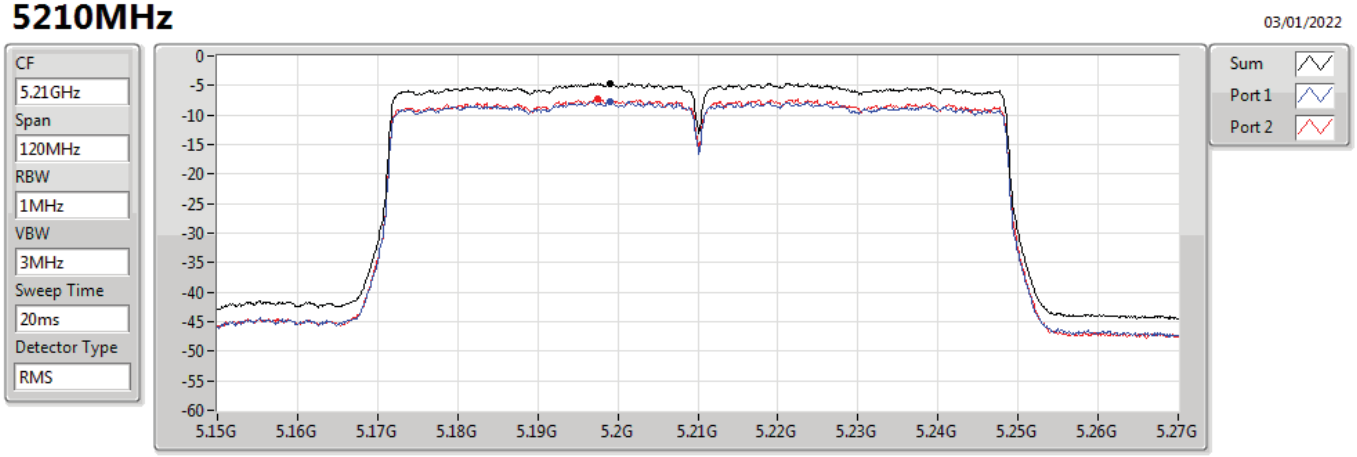
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.34	1.34	-1.58	-1.45

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

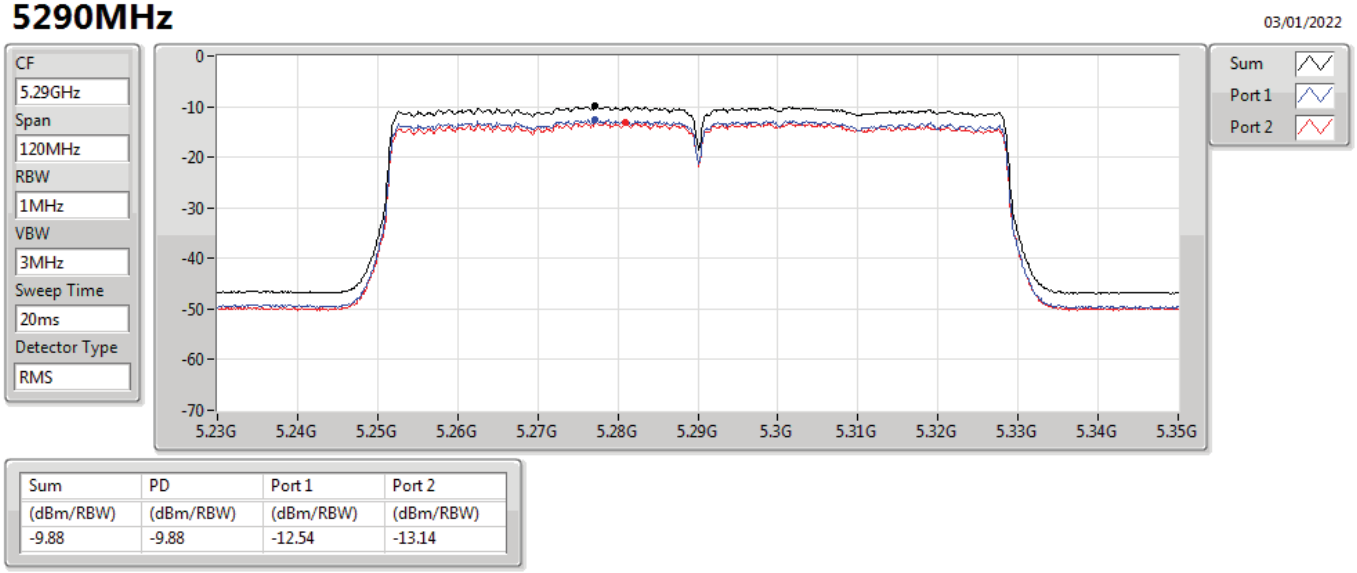
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.64	-4.64	-7.65	-7.29

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

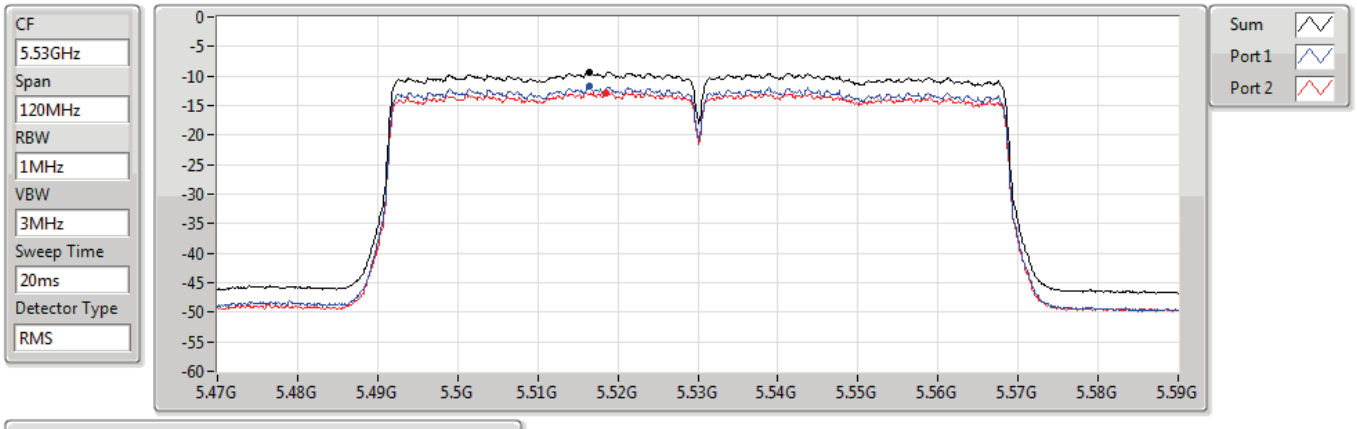
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.88	-9.88	-12.54	-13.14

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

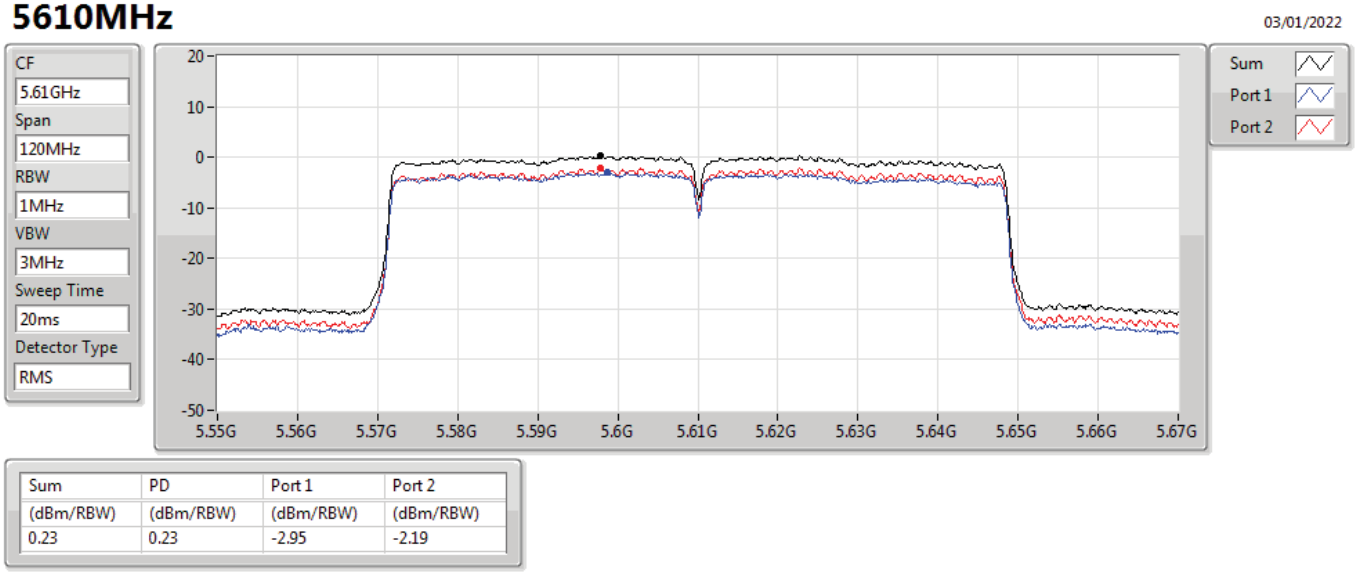
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.38	-9.38	-11.81	-12.78

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

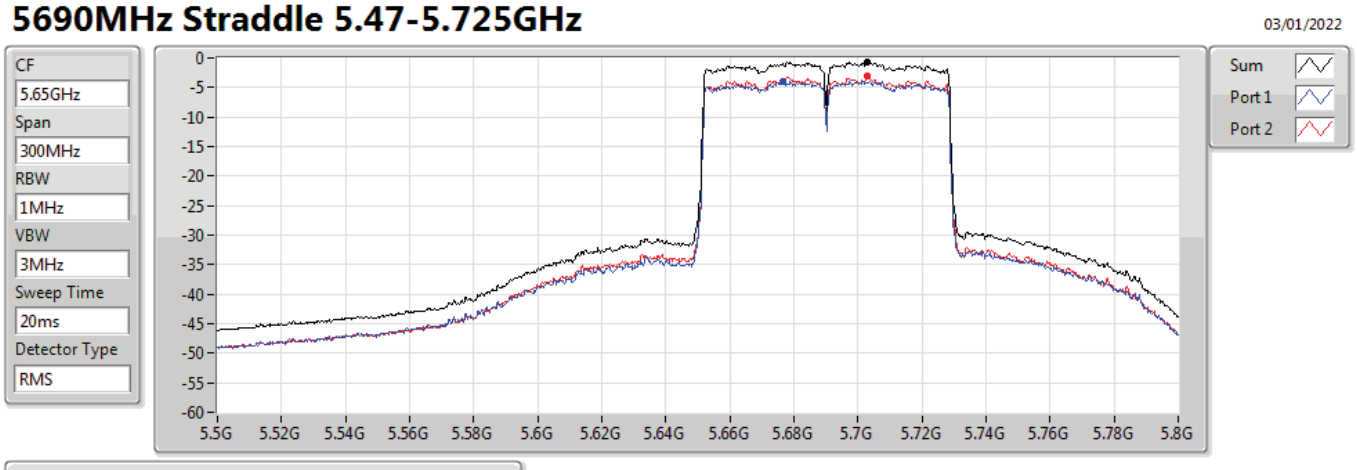
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-2.95	-2.19

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

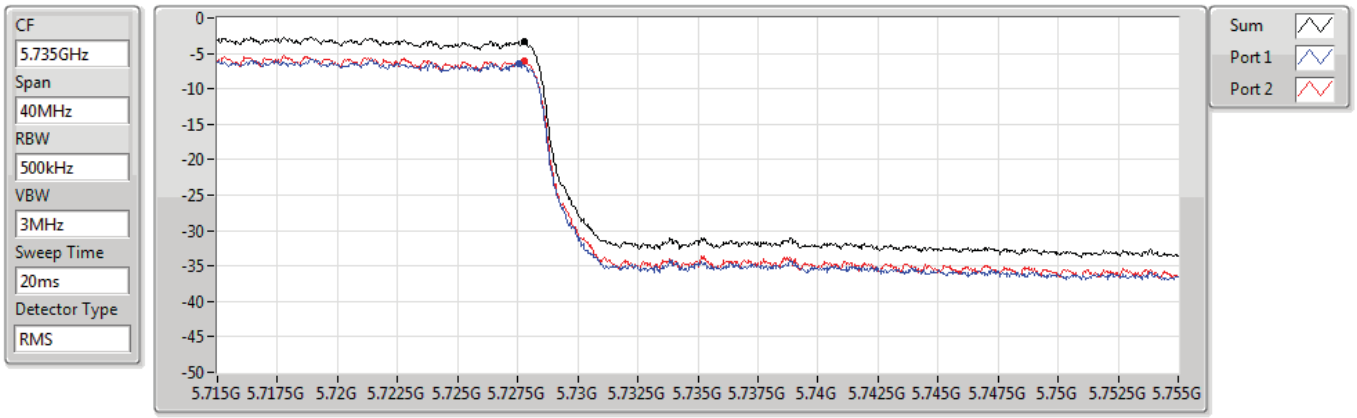


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.63	-0.63	-3.98	-3.10

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

03/01/2022

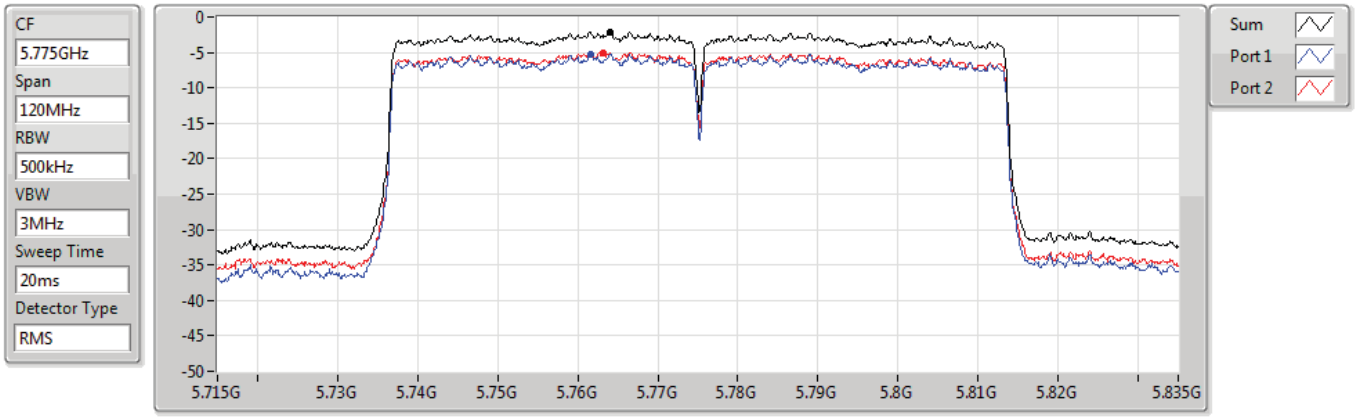


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.34	-3.34	-6.41	-6.03

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5775MHz

03/01/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.19	-2.19	-5.26	-5.08

Summary

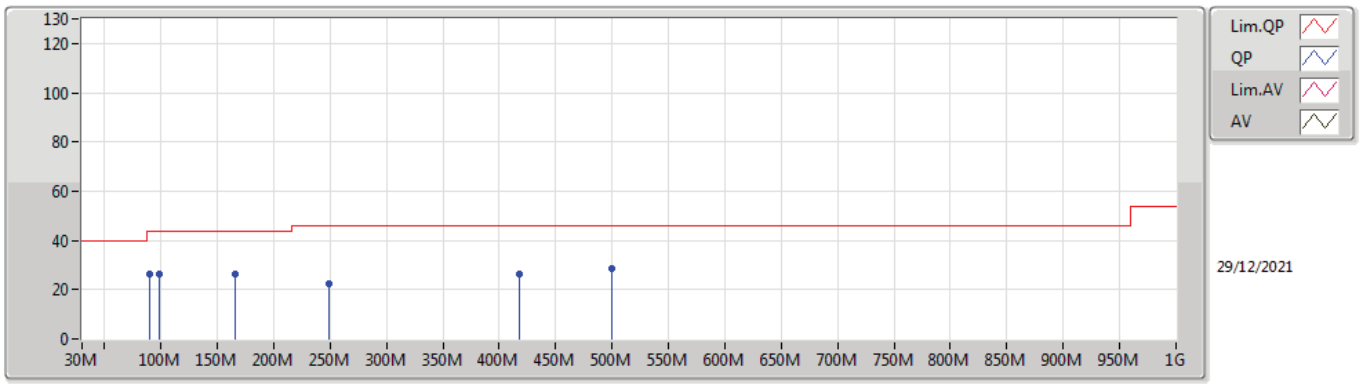
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	499.48M	34.47	46.00	-11.53	3	Horizontal	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz_Transformer	Pass	PK	90.14M	26.45	43.50	-17.05	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	97.9M	26.36	43.50	-17.14	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	165.8M	26.26	43.50	-17.24	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	249.22M	22.23	46.00	-23.77	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	418M	26.42	46.00	-19.58	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	499.48M	28.79	46.00	-17.21	3	Vertical	0	1.00	-
5775MHz_Transformer	Pass	PK	99.84M	22.66	43.50	-20.84	3	Horizontal	360	1.00	-
5775MHz_Transformer	Pass	PK	165.8M	24.50	43.50	-19.00	3	Horizontal	360	1.00	-
5775MHz_Transformer	Pass	PK	262.8M	23.56	46.00	-22.44	3	Horizontal	360	1.00	-
5775MHz_Transformer	Pass	PK	299.66M	25.80	46.00	-20.20	3	Horizontal	360	1.00	-
5775MHz_Transformer	Pass	PK	499.48M	34.47	46.00	-11.53	3	Horizontal	360	1.00	-
5775MHz_Transformer	Pass	PK	577.08M	34.37	46.00	-11.63	3	Horizontal	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

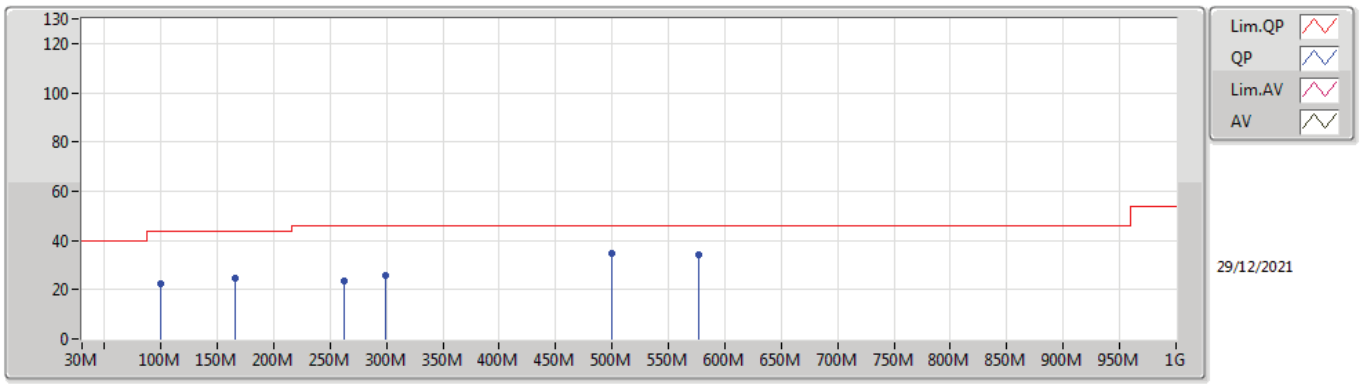
5775MHz_Transformer



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	90.14M	26.45	43.50	-17.05	-11.86	3	Vertical	0	1.00	-	38.31	14.03	1.58	27.47
PK	97.9M	26.36	43.50	-17.14	-10.14	3	Vertical	0	1.00	-	36.50	15.60	1.68	27.42
PK	165.8M	26.26	43.50	-17.24	-10.14	3	Vertical	0	1.00	-	36.40	14.88	2.16	27.18
PK	249.22M	22.23	46.00	-23.77	-6.62	3	Vertical	0	1.00	-	28.85	17.44	2.67	26.73
PK	418M	26.42	46.00	-19.58	-2.10	3	Vertical	0	1.00	-	28.52	21.80	3.53	27.43
PK	499.48M	28.79	46.00	-17.21	-1.13	3	Vertical	0	1.00	-	29.92	22.68	3.87	27.68

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Transformer



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	99.84M	22.66	43.50	-20.84	-9.84	3	Horizontal	360	1.00	-	32.50	15.85	1.70	27.39
PK	165.8M	24.50	43.50	-19.00	-10.14	3	Horizontal	360	1.00	-	34.64	14.88	2.16	27.18
PK	262.8M	23.56	46.00	-22.44	-5.56	3	Horizontal	360	1.00	-	29.12	18.45	2.73	26.74
PK	299.66M	25.80	46.00	-20.20	-5.58	3	Horizontal	360	1.00	-	31.38	18.29	2.92	26.79
PK	499.48M	34.47	46.00	-11.53	-1.13	3	Horizontal	360	1.00	-	35.60	22.68	3.87	27.68
PK	577.08M	34.37	46.00	-11.63	0.03	3	Horizontal	360	1.00	-	34.34	23.87	4.25	28.09

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.15G	51.00	54.00	-3.00	3	Horizontal	178	1.36	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.15G	50.73	54.00	-3.27	3	Horizontal	179	1.35	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	50.76	54.00	-3.24	3	Horizontal	193	2.01	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	50.82	54.00	-3.18	3	Horizontal	193	1.10	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3506G	50.49	54.00	-3.51	3	Horizontal	178	1.06	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.3504G	50.95	54.00	-3.05	3	Horizontal	177	1.06	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	AV	5.35G	50.46	54.00	-3.54	3	Horizontal	188	1.11	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.353G	50.71	54.00	-3.29	3	Horizontal	187	1.07	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4666G	65.03	68.20	-3.17	3	Horizontal	176	1.19	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.47G	65.06	68.20	-3.14	3	Horizontal	186	1.03	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.4652G	65.05	68.20	-3.15	3	Horizontal	185	1.05	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.458G	50.67	54.00	-3.33	3	Horizontal	186	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.4898G	41.68	54.00	-12.32	3	Vertical	51	1.84	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	6.0214G	56.24	68.20	-11.96	3	Horizontal	311	2.26	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.6482G	57.71	68.20	-10.49	3	Horizontal	311	2.18	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6442G	62.82	68.20	-5.38	3	Horizontal	311	2.14	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	50.41	54.00	-3.59	3	Vertical	316	2.29	-
5180MHz	Pass	AV	5.1774G	100.97	Inf	-Inf	3	Vertical	316	2.29	-
5180MHz	Pass	PK	5.1474G	64.08	74.00	-9.92	3	Vertical	316	2.29	-
5180MHz	Pass	PK	5.182G	109.21	Inf	-Inf	3	Vertical	316	2.29	-
5180MHz	Pass	AV	5.15G	51.00	54.00	-3.00	3	Horizontal	178	1.36	-
5180MHz	Pass	AV	5.1858G	101.37	Inf	-Inf	3	Horizontal	178	1.36	-
5180MHz	Pass	PK	5.1498G	62.00	74.00	-12.00	3	Horizontal	178	1.36	-
5180MHz	Pass	PK	5.1758G	109.70	Inf	-Inf	3	Horizontal	178	1.36	-
5180MHz	Pass	PK	10.34632G	53.46	68.20	-14.74	3	Vertical	221	1.80	-
5180MHz	Pass	PK	10.369G	53.79	68.20	-14.41	3	Horizontal	360	2.29	-
5200MHz	Pass	AV	5.1496G	45.84	54.00	-8.16	3	Vertical	0	1.03	-
5200MHz	Pass	AV	5.1992G	99.72	Inf	-Inf	3	Vertical	0	1.03	-
5200MHz	Pass	PK	5.1496G	59.52	74.00	-14.48	3	Vertical	0	1.03	-
5200MHz	Pass	PK	5.1944G	107.60	Inf	-Inf	3	Vertical	0	1.03	-
5200MHz	Pass	AV	5.15G	48.19	54.00	-5.81	3	Horizontal	179	1.37	-
5200MHz	Pass	AV	5.196G	103.61	Inf	-Inf	3	Horizontal	179	1.37	-
5200MHz	Pass	PK	5.15G	60.16	74.00	-13.84	3	Horizontal	179	1.37	-
5200MHz	Pass	PK	5.1956G	111.90	Inf	-Inf	3	Horizontal	179	1.37	-
5200MHz	Pass	PK	10.3965G	52.11	68.20	-16.09	3	Vertical	329	2.98	-
5200MHz	Pass	PK	10.3934G	52.18	68.20	-16.02	3	Horizontal	239	1.50	-
5240MHz	Pass	AV	5.1326G	41.89	54.00	-12.11	3	Vertical	0	1.00	-
5240MHz	Pass	AV	5.234G	100.54	Inf	-Inf	3	Vertical	0	1.00	-
5240MHz	Pass	AV	5.3882G	41.70	54.00	-12.30	3	Vertical	0	1.00	-
5240MHz	Pass	PK	5.1194G	53.43	74.00	-20.57	3	Vertical	0	1.00	-
5240MHz	Pass	PK	5.2346G	108.50	Inf	-Inf	3	Vertical	0	1.00	-
5240MHz	Pass	PK	5.3726G	52.75	74.00	-21.25	3	Vertical	0	1.00	-
5240MHz	Pass	AV	5.117G	42.05	54.00	-11.95	3	Horizontal	178	1.13	-
5240MHz	Pass	AV	5.246G	102.86	Inf	-Inf	3	Horizontal	178	1.13	-
5240MHz	Pass	AV	5.3858G	41.85	54.00	-12.15	3	Horizontal	178	1.13	-
5240MHz	Pass	PK	5.144G	53.60	74.00	-20.40	3	Horizontal	178	1.13	-
5240MHz	Pass	PK	5.2358G	111.33	Inf	-Inf	3	Horizontal	178	1.13	-
5240MHz	Pass	PK	5.3546G	53.11	74.00	-20.89	3	Horizontal	178	1.13	-
5240MHz	Pass	PK	10.4654G	52.80	68.20	-15.40	3	Vertical	85	1.50	-
5240MHz	Pass	PK	10.4755G	52.67	68.20	-15.53	3	Horizontal	179	2.76	-
5260MHz	Pass	AV	5.1154G	41.64	54.00	-12.36	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.254G	98.70	Inf	-Inf	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.407G	41.87	54.00	-12.13	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.1352G	53.12	74.00	-20.88	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.254G	106.35	Inf	-Inf	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.3686G	52.89	74.00	-21.11	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.1166G	41.82	54.00	-12.18	3	Horizontal	179	1.09	-
5260MHz	Pass	AV	5.2606G	100.79	Inf	-Inf	3	Horizontal	179	1.09	-
5260MHz	Pass	AV	5.3728G	41.93	54.00	-12.07	3	Horizontal	179	1.09	-
5260MHz	Pass	PK	5.1112G	53.08	74.00	-20.92	3	Horizontal	179	1.09	-
5260MHz	Pass	PK	5.2558G	109.57	Inf	-Inf	3	Horizontal	179	1.09	-
5260MHz	Pass	PK	5.3506G	53.60	74.00	-20.40	3	Horizontal	179	1.09	-
5260MHz	Pass	PK	10.5242G	52.69	68.20	-15.51	3	Vertical	264	1.50	-
5260MHz	Pass	PK	10.5352G	52.48	68.20	-15.72	3	Horizontal	73	2.14	-
5300MHz	Pass	AV	5.2984G	97.43	Inf	-Inf	3	Vertical	360	1.07	-
5300MHz	Pass	AV	5.35G	42.81	54.00	-11.19	3	Vertical	360	1.07	-
5300MHz	Pass	PK	5.2988G	105.68	Inf	-Inf	3	Vertical	360	1.07	-
5300MHz	Pass	PK	5.3544G	55.30	74.00	-18.70	3	Vertical	360	1.07	-
5300MHz	Pass	AV	5.3008G	99.59	Inf	-Inf	3	Horizontal	180	1.18	-
5300MHz	Pass	AV	5.3516G	43.56	54.00	-10.44	3	Horizontal	180	1.18	-
5300MHz	Pass	PK	5.2956G	108.27	Inf	-Inf	3	Horizontal	180	1.18	-
5300MHz	Pass	PK	5.3524G	55.66	74.00	-18.34	3	Horizontal	180	1.18	-
5300MHz	Pass	AV	10.6043G	40.58	54.00	-13.42	3	Vertical	99	2.07	-
5300MHz	Pass	PK	10.6044G	51.96	74.00	-22.04	3	Vertical	99	2.07	-
5300MHz	Pass	AV	10.6026G	40.60	54.00	-13.40	3	Horizontal	217	1.50	-
5300MHz	Pass	PK	10.601G	53.17	74.00	-20.83	3	Horizontal	217	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	5.3186G	96.52	Inf	-Inf	3	Vertical	0	1.03	-
5320MHz	Pass	AV	5.35G	47.39	54.00	-6.61	3	Vertical	0	1.03	-
5320MHz	Pass	PK	5.3188G	104.93	Inf	-Inf	3	Vertical	0	1.03	-
5320MHz	Pass	PK	5.353G	60.58	74.00	-13.42	3	Vertical	0	1.03	-
5320MHz	Pass	AV	5.3208G	98.64	Inf	-Inf	3	Horizontal	178	1.06	-
5320MHz	Pass	AV	5.3506G	50.49	54.00	-3.51	3	Horizontal	178	1.06	-
5320MHz	Pass	PK	5.3158G	107.18	Inf	-Inf	3	Horizontal	178	1.06	-
5320MHz	Pass	PK	5.351G	63.07	74.00	-10.93	3	Horizontal	178	1.06	-
5320MHz	Pass	AV	10.6305G	40.34	54.00	-13.66	3	Vertical	270	2.36	-
5320MHz	Pass	PK	10.6596G	51.86	74.00	-22.14	3	Vertical	270	2.36	-
5320MHz	Pass	AV	10.6252G	40.28	54.00	-13.72	3	Horizontal	352	2.53	-
5320MHz	Pass	PK	10.6459G	52.09	74.00	-21.91	3	Horizontal	352	2.53	-
5500MHz	Pass	AV	5.4582G	46.22	54.00	-7.78	3	Vertical	0	1.01	-
5500MHz	Pass	AV	5.493G	98.54	Inf	-Inf	3	Vertical	0	1.01	-
5500MHz	Pass	PK	5.4692G	63.79	68.20	-4.41	3	Vertical	0	1.01	-
5500MHz	Pass	PK	5.4932G	106.75	Inf	-Inf	3	Vertical	0	1.01	-
5500MHz	Pass	AV	5.46G	48.65	54.00	-5.35	3	Horizontal	176	1.19	-
5500MHz	Pass	AV	5.5012G	100.58	Inf	-Inf	3	Horizontal	176	1.19	-
5500MHz	Pass	PK	5.4666G	65.03	68.20	-3.17	3	Horizontal	176	1.19	-
5500MHz	Pass	PK	5.4958G	109.27	Inf	-Inf	3	Horizontal	176	1.19	-
5500MHz	Pass	AV	11.0174G	40.78	54.00	-13.22	3	Vertical	40	2.23	-
5500MHz	Pass	PK	11.0228G	52.51	74.00	-21.49	3	Vertical	40	2.23	-
5500MHz	Pass	AV	11.0116G	40.82	54.00	-13.18	3	Horizontal	38	1.40	-
5500MHz	Pass	PK	11.002G	52.08	74.00	-21.92	3	Horizontal	38	1.40	-
5580MHz	Pass	AV	5.4558G	41.91	54.00	-12.09	3	Vertical	0	1.06	-
5580MHz	Pass	AV	5.5824G	98.01	Inf	-Inf	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.4648G	53.46	68.20	-14.74	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.5824G	106.22	Inf	-Inf	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.7294G	52.46	68.20	-15.74	3	Vertical	0	1.06	-
5580MHz	Pass	AV	5.457G	41.92	54.00	-12.08	3	Horizontal	177	1.09	-
5580MHz	Pass	AV	5.5812G	100.73	Inf	-Inf	3	Horizontal	177	1.09	-
5580MHz	Pass	PK	5.4648G	53.59	68.20	-14.61	3	Horizontal	177	1.09	-
5580MHz	Pass	PK	5.5758G	108.91	Inf	-Inf	3	Horizontal	177	1.09	-
5580MHz	Pass	PK	5.7252G	52.78	68.20	-15.42	3	Horizontal	177	1.09	-
5580MHz	Pass	AV	11.1597G	42.16	54.00	-11.84	3	Vertical	68	1.00	-
5580MHz	Pass	PK	11.1603G	54.04	74.00	-19.96	3	Vertical	68	1.00	-
5580MHz	Pass	AV	11.1836G	41.07	54.00	-12.93	3	Horizontal	169	1.50	-
5580MHz	Pass	PK	11.1735G	52.84	74.00	-21.16	3	Horizontal	169	1.50	-
5700MHz	Pass	AV	5.7024G	95.49	Inf	-Inf	3	Vertical	10	1.04	-
5700MHz	Pass	PK	5.702G	103.84	Inf	-Inf	3	Vertical	10	1.04	-
5700MHz	Pass	PK	5.7264G	61.57	68.20	-6.63	3	Vertical	10	1.04	-
5700MHz	Pass	AV	5.7052G	98.03	Inf	-Inf	3	Horizontal	310	2.33	-
5700MHz	Pass	PK	5.7044G	106.17	Inf	-Inf	3	Horizontal	310	2.33	-
5700MHz	Pass	PK	5.7256G	64.98	68.20	-3.22	3	Horizontal	310	2.33	-
5700MHz	Pass	AV	11.4003G	41.28	54.00	-12.72	3	Vertical	285	2.16	-
5700MHz	Pass	PK	11.3891G	53.06	74.00	-20.94	3	Vertical	285	2.16	-
5700MHz	Pass	AV	11.4024G	41.27	54.00	-12.73	3	Horizontal	85	1.63	-
5700MHz	Pass	PK	11.4104G	52.71	74.00	-21.29	3	Horizontal	85	1.63	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.722G	96.61	Inf	-Inf	3	Vertical	8	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.722G	105.07	Inf	-Inf	3	Vertical	8	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.886G	55.09	68.20	-13.11	3	Vertical	8	1.09	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	99.55	Inf	-Inf	3	Horizontal	315	2.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.724G	107.93	Inf	-Inf	3	Horizontal	315	2.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.954G	55.90	68.20	-12.30	3	Horizontal	315	2.29	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4192G	41.11	54.00	-12.89	3	Vertical	180	2.20	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4224G	52.82	74.00	-21.18	3	Vertical	180	2.20	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4192G	41.21	54.00	-12.79	3	Horizontal	245	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4171G	53.02	74.00	-20.98	3	Horizontal	245	1.50	-
5745MHz	Pass	AV	5.7426G	98.07	Inf	-Inf	3	Vertical	9	1.06	-
5745MHz	Pass	PK	5.499G	54.24	68.20	-13.96	3	Vertical	9	1.06	-
5745MHz	Pass	PK	5.7426G	106.38	Inf	-Inf	3	Vertical	9	1.06	-
5745MHz	Pass	PK	5.967G	54.62	68.20	-13.58	3	Vertical	9	1.06	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	5.739G	101.48	Inf	-Inf	3	Horizontal	311	2.24	-
5745MHz	Pass	PK	5.5254G	55.68	68.20	-12.52	3	Horizontal	311	2.24	-
5745MHz	Pass	PK	5.7498G	110.10	Inf	-Inf	3	Horizontal	311	2.24	-
5745MHz	Pass	PK	5.9838G	54.99	68.20	-13.21	3	Horizontal	311	2.24	-
5745MHz	Pass	AV	11.4898G	41.68	54.00	-12.32	3	Vertical	51	1.84	-
5745MHz	Pass	PK	11.4893G	53.29	74.00	-20.71	3	Vertical	51	1.84	-
5745MHz	Pass	AV	11.4954G	40.50	54.00	-13.50	3	Horizontal	87	1.50	-
5745MHz	Pass	PK	11.4853G	52.49	74.00	-21.51	3	Horizontal	87	1.50	-
5785MHz	Pass	AV	5.7814G	97.02	Inf	-Inf	3	Vertical	0	1.01	-
5785MHz	Pass	PK	5.5078G	54.51	68.20	-13.69	3	Vertical	0	1.01	-
5785MHz	Pass	PK	5.7826G	105.32	Inf	-Inf	3	Vertical	0	1.01	-
5785MHz	Pass	PK	6.0502G	54.63	68.20	-13.57	3	Vertical	0	1.01	-
5785MHz	Pass	AV	5.779G	100.64	Inf	-Inf	3	Horizontal	311	2.22	-
5785MHz	Pass	PK	5.4982G	54.23	68.20	-13.97	3	Horizontal	311	2.22	-
5785MHz	Pass	PK	5.779G	108.73	Inf	-Inf	3	Horizontal	311	2.22	-
5785MHz	Pass	PK	5.9422G	55.74	68.20	-12.46	3	Horizontal	311	2.22	-
5785MHz	Pass	AV	11.5701G	41.22	54.00	-12.78	3	Vertical	47	1.89	-
5785MHz	Pass	PK	11.5876G	53.79	74.00	-20.21	3	Vertical	47	1.89	-
5785MHz	Pass	AV	11.5928G	40.78	54.00	-13.22	3	Horizontal	213	1.50	-
5785MHz	Pass	PK	11.5937G	52.99	74.00	-21.01	3	Horizontal	213	1.50	-
5825MHz	Pass	AV	5.8214G	96.43	Inf	-Inf	3	Vertical	1	1.05	-
5825MHz	Pass	PK	5.6114G	54.24	68.20	-13.96	3	Vertical	1	1.05	-
5825MHz	Pass	PK	5.8274G	105.52	Inf	-Inf	3	Vertical	1	1.05	-
5825MHz	Pass	PK	6.0926G	55.54	68.20	-12.66	3	Vertical	1	1.05	-
5825MHz	Pass	AV	5.8202G	100.23	Inf	-Inf	3	Horizontal	310	2.11	-
5825MHz	Pass	PK	5.6018G	54.30	68.20	-13.90	3	Horizontal	310	2.11	-
5825MHz	Pass	PK	5.8298G	108.82	Inf	-Inf	3	Horizontal	310	2.11	-
5825MHz	Pass	PK	6.0986G	55.60	68.20	-12.60	3	Horizontal	310	2.11	-
5825MHz	Pass	AV	11.6257G	40.92	54.00	-13.08	3	Vertical	115	1.50	-
5825MHz	Pass	PK	11.6297G	52.83	74.00	-21.17	3	Vertical	115	1.50	-
5825MHz	Pass	AV	11.625G	40.92	54.00	-13.08	3	Horizontal	267	1.50	-
5825MHz	Pass	PK	11.6306G	53.72	74.00	-20.28	3	Horizontal	267	1.50	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	50.27	54.00	-3.73	3	Vertical	316	2.30	-
5180MHz	Pass	AV	5.1764G	98.86	Inf	-Inf	3	Vertical	316	2.30	-
5180MHz	Pass	PK	5.149G	65.65	74.00	-8.35	3	Vertical	316	2.30	-
5180MHz	Pass	PK	5.1834G	107.84	Inf	-Inf	3	Vertical	316	2.30	-
5180MHz	Pass	AV	5.15G	50.73	54.00	-3.27	3	Horizontal	179	1.35	-
5180MHz	Pass	AV	5.183G	99.50	Inf	-Inf	3	Horizontal	179	1.35	-
5180MHz	Pass	PK	5.1482G	64.29	74.00	-9.71	3	Horizontal	179	1.35	-
5180MHz	Pass	PK	5.1832G	107.75	Inf	-Inf	3	Horizontal	179	1.35	-
5180MHz	Pass	PK	10.3532G	52.13	68.20	-16.07	3	Vertical	5	2.19	-
5180MHz	Pass	PK	10.3384G	52.42	68.20	-15.78	3	Horizontal	71	2.44	-
5200MHz	Pass	AV	5.15G	44.01	54.00	-9.99	3	Vertical	360	1.03	-
5200MHz	Pass	AV	5.2024G	97.66	Inf	-Inf	3	Vertical	360	1.03	-
5200MHz	Pass	PK	5.1492G	57.20	74.00	-16.80	3	Vertical	360	1.03	-
5200MHz	Pass	PK	5.1948G	106.35	Inf	-Inf	3	Vertical	360	1.03	-
5200MHz	Pass	AV	5.15G	45.31	54.00	-8.69	3	Horizontal	189	1.37	-
5200MHz	Pass	AV	5.1956G	100.29	Inf	-Inf	3	Horizontal	189	1.37	-
5200MHz	Pass	PK	5.148G	56.71	74.00	-17.29	3	Horizontal	189	1.37	-
5200MHz	Pass	PK	5.1956G	108.85	Inf	-Inf	3	Horizontal	189	1.37	-
5200MHz	Pass	PK	10.424G	51.44	68.20	-16.76	3	Vertical	347	2.54	-
5200MHz	Pass	PK	10.3952G	52.52	68.20	-15.68	3	Horizontal	72	2.62	-
5240MHz	Pass	AV	5.1314G	41.96	54.00	-12.04	3	Vertical	360	1.00	-
5240MHz	Pass	AV	5.2346G	99.24	Inf	-Inf	3	Vertical	360	1.00	-
5240MHz	Pass	AV	5.378G	41.69	54.00	-12.31	3	Vertical	360	1.00	-
5240MHz	Pass	PK	5.0954G	53.56	74.00	-20.44	3	Vertical	360	1.00	-
5240MHz	Pass	PK	5.237G	107.66	Inf	-Inf	3	Vertical	360	1.00	-
5240MHz	Pass	PK	5.3756G	53.16	74.00	-20.84	3	Vertical	360	1.00	-
5240MHz	Pass	AV	5.1302G	41.86	54.00	-12.14	3	Horizontal	189	1.01	-
5240MHz	Pass	AV	5.2328G	101.46	Inf	-Inf	3	Horizontal	189	1.01	-
5240MHz	Pass	AV	5.3786G	41.78	54.00	-12.22	3	Horizontal	189	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.1248G	54.37	74.00	-19.63	3	Horizontal	189	1.01	-
5240MHz	Pass	PK	5.2358G	109.94	Inf	-Inf	3	Horizontal	189	1.01	-
5240MHz	Pass	PK	5.3792G	54.20	74.00	-19.80	3	Horizontal	189	1.01	-
5240MHz	Pass	PK	10.4701G	52.03	68.20	-16.17	3	Vertical	60	1.66	-
5240MHz	Pass	PK	10.4803G	52.13	68.20	-16.07	3	Horizontal	275	1.51	-
5260MHz	Pass	AV	5.122G	41.57	54.00	-12.43	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.2546G	97.41	Inf	-Inf	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.4082G	41.80	54.00	-12.20	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.1148G	53.16	74.00	-20.84	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.2618G	105.59	Inf	-Inf	3	Vertical	0	1.01	-
5260MHz	Pass	PK	5.3656G	54.07	74.00	-19.93	3	Vertical	0	1.01	-
5260MHz	Pass	AV	5.128G	41.82	54.00	-12.18	3	Horizontal	178	1.31	-
5260MHz	Pass	AV	5.2552G	99.57	Inf	-Inf	3	Horizontal	178	1.31	-
5260MHz	Pass	AV	5.3782G	41.93	54.00	-12.07	3	Horizontal	178	1.31	-
5260MHz	Pass	PK	5.1358G	52.97	74.00	-21.03	3	Horizontal	178	1.31	-
5260MHz	Pass	PK	5.2558G	107.91	Inf	-Inf	3	Horizontal	178	1.31	-
5260MHz	Pass	PK	5.4088G	53.98	74.00	-20.02	3	Horizontal	178	1.31	-
5260MHz	Pass	PK	10.5151G	51.98	68.20	-16.22	3	Vertical	82	1.91	-
5260MHz	Pass	PK	10.5173G	51.66	68.20	-16.54	3	Horizontal	96	1.04	-
5300MHz	Pass	AV	5.2972G	96.72	Inf	-Inf	3	Vertical	0	1.00	-
5300MHz	Pass	AV	5.3516G	42.88	54.00	-11.12	3	Vertical	0	1.00	-
5300MHz	Pass	PK	5.2944G	105.35	Inf	-Inf	3	Vertical	0	1.00	-
5300MHz	Pass	PK	5.352G	55.09	74.00	-18.91	3	Vertical	0	1.00	-
5300MHz	Pass	AV	5.3032G	99.32	Inf	-Inf	3	Horizontal	179	1.27	-
5300MHz	Pass	AV	5.3508G	44.56	54.00	-9.44	3	Horizontal	179	1.27	-
5300MHz	Pass	PK	5.3032G	107.61	Inf	-Inf	3	Horizontal	179	1.27	-
5300MHz	Pass	PK	5.3504G	56.66	74.00	-17.34	3	Horizontal	179	1.27	-
5300MHz	Pass	AV	10.6023G	40.70	54.00	-13.30	3	Vertical	225	1.64	-
5300MHz	Pass	PK	10.621G	53.01	74.00	-20.99	3	Vertical	225	1.64	-
5300MHz	Pass	AV	10.6022G	40.60	54.00	-13.40	3	Horizontal	311	1.25	-
5300MHz	Pass	PK	10.6013G	52.36	74.00	-21.64	3	Horizontal	311	1.25	-
5320MHz	Pass	AV	5.317G	95.88	Inf	-Inf	3	Vertical	0	1.03	-
5320MHz	Pass	AV	5.3514G	48.23	54.00	-5.77	3	Vertical	0	1.03	-
5320MHz	Pass	PK	5.3218G	104.56	Inf	-Inf	3	Vertical	0	1.03	-
5320MHz	Pass	PK	5.35G	61.36	74.00	-12.64	3	Vertical	0	1.03	-
5320MHz	Pass	AV	5.3178G	97.90	Inf	-Inf	3	Horizontal	177	1.06	-
5320MHz	Pass	AV	5.3504G	50.95	54.00	-3.05	3	Horizontal	177	1.06	-
5320MHz	Pass	PK	5.3156G	106.10	Inf	-Inf	3	Horizontal	177	1.06	-
5320MHz	Pass	PK	5.35G	64.11	74.00	-9.89	3	Horizontal	177	1.06	-
5320MHz	Pass	AV	10.6236G	40.50	54.00	-13.50	3	Vertical	322	2.92	-
5320MHz	Pass	PK	10.6155G	53.15	74.00	-20.85	3	Vertical	322	2.92	-
5320MHz	Pass	AV	10.6191G	40.44	54.00	-13.56	3	Horizontal	4	1.05	-
5320MHz	Pass	PK	10.622G	52.11	74.00	-21.89	3	Horizontal	4	1.05	-
5500MHz	Pass	AV	5.459G	44.38	54.00	-9.62	3	Vertical	0	1.02	-
5500MHz	Pass	AV	5.499G	96.04	Inf	-Inf	3	Vertical	0	1.02	-
5500MHz	Pass	PK	5.4694G	63.76	68.20	-4.44	3	Vertical	0	1.02	-
5500MHz	Pass	PK	5.5014G	104.93	Inf	-Inf	3	Vertical	0	1.02	-
5500MHz	Pass	AV	5.46G	46.44	54.00	-7.56	3	Horizontal	186	1.03	-
5500MHz	Pass	AV	5.503G	97.98	Inf	-Inf	3	Horizontal	186	1.03	-
5500MHz	Pass	PK	5.47G	65.06	68.20	-3.14	3	Horizontal	186	1.03	-
5500MHz	Pass	PK	5.4978G	106.68	Inf	-Inf	3	Horizontal	186	1.03	-
5500MHz	Pass	AV	10.98884G	40.53	54.00	-13.47	3	Vertical	272	1.31	-
5500MHz	Pass	PK	11.01464G	52.30	74.00	-21.70	3	Vertical	272	1.31	-
5500MHz	Pass	AV	11.00882G	40.50	54.00	-13.50	3	Horizontal	175	1.54	-
5500MHz	Pass	PK	10.99538G	52.35	74.00	-21.65	3	Horizontal	175	1.54	-
5580MHz	Pass	AV	5.4522G	41.96	54.00	-12.04	3	Vertical	0	1.06	-
5580MHz	Pass	AV	5.5842G	98.73	Inf	-Inf	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.466G	54.24	68.20	-13.96	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.5836G	107.54	Inf	-Inf	3	Vertical	0	1.06	-
5580MHz	Pass	PK	5.7252G	53.37	68.20	-14.83	3	Vertical	0	1.06	-
5580MHz	Pass	AV	5.457G	42.24	54.00	-11.76	3	Horizontal	186	1.16	-
5580MHz	Pass	AV	5.5782G	100.42	Inf	-Inf	3	Horizontal	186	1.16	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.4684G	54.05	68.20	-14.15	3	Horizontal	186	1.16	-
5580MHz	Pass	PK	5.577G	109.30	Inf	-Inf	3	Horizontal	186	1.16	-
5580MHz	Pass	PK	5.7276G	53.06	68.20	-15.14	3	Horizontal	186	1.16	-
5580MHz	Pass	AV	11.1687G	40.82	54.00	-13.18	3	Vertical	294	1.18	-
5580MHz	Pass	PK	11.16882G	53.11	74.00	-20.89	3	Vertical	294	1.18	-
5580MHz	Pass	AV	11.17404G	40.75	54.00	-13.25	3	Horizontal	264	1.46	-
5580MHz	Pass	PK	11.16582G	52.55	74.00	-21.45	3	Horizontal	264	1.46	-
5700MHz	Pass	AV	5.7012G	92.55	Inf	-Inf	3	Vertical	0	1.04	-
5700MHz	Pass	PK	5.7012G	101.05	Inf	-Inf	3	Vertical	0	1.04	-
5700MHz	Pass	PK	5.7256G	60.02	68.20	-8.18	3	Vertical	0	1.04	-
5700MHz	Pass	AV	5.6952G	94.24	Inf	-Inf	3	Horizontal	185	1.08	-
5700MHz	Pass	PK	5.7032G	102.89	Inf	-Inf	3	Horizontal	185	1.08	-
5700MHz	Pass	PK	5.7252G	64.87	68.20	-3.33	3	Horizontal	185	1.08	-
5700MHz	Pass	AV	11.38518G	40.91	54.00	-13.09	3	Vertical	57	1.69	-
5700MHz	Pass	PK	11.38914G	53.34	74.00	-20.66	3	Vertical	57	1.69	-
5700MHz	Pass	AV	11.38572G	40.92	54.00	-13.08	3	Horizontal	301	1.20	-
5700MHz	Pass	PK	11.40186G	53.23	74.00	-20.77	3	Horizontal	301	1.20	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	41.94	54.00	-12.06	3	Vertical	0	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	95.29	Inf	-Inf	3	Vertical	0	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	53.10	68.20	-15.10	3	Vertical	0	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	103.71	Inf	-Inf	3	Vertical	0	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8736G	54.84	68.20	-13.36	3	Vertical	0	1.01	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4428G	42.13	54.00	-11.87	3	Horizontal	313	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	98.67	Inf	-Inf	3	Horizontal	313	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	53.66	68.20	-14.54	3	Horizontal	313	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7152G	107.75	Inf	-Inf	3	Horizontal	313	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9468G	55.56	68.20	-12.64	3	Horizontal	313	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.42524G	40.57	54.00	-13.43	3	Vertical	351	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43454G	52.75	74.00	-21.25	3	Vertical	351	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4253G	40.57	54.00	-13.43	3	Horizontal	276	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4367G	53.22	74.00	-20.78	3	Horizontal	276	1.49	-
5745MHz	Pass	AV	5.7438G	97.07	Inf	-Inf	3	Vertical	4	1.07	-
5745MHz	Pass	PK	5.5998G	54.32	68.20	-13.88	3	Vertical	4	1.07	-
5745MHz	Pass	PK	5.7414G	105.64	Inf	-Inf	3	Vertical	4	1.07	-
5745MHz	Pass	PK	5.9982G	54.90	68.20	-13.30	3	Vertical	4	1.07	-
5745MHz	Pass	AV	5.7426G	101.00	Inf	-Inf	3	Horizontal	312	2.21	-
5745MHz	Pass	PK	5.5854G	55.33	68.20	-12.87	3	Horizontal	312	2.21	-
5745MHz	Pass	PK	5.7402G	110.22	Inf	-Inf	3	Horizontal	312	2.21	-
5745MHz	Pass	PK	6.0174G	55.19	68.20	-13.01	3	Horizontal	312	2.21	-
5745MHz	Pass	AV	11.49258G	41.33	54.00	-12.67	3	Vertical	50	1.83	-
5745MHz	Pass	PK	11.48724G	53.47	74.00	-20.53	3	Vertical	50	1.83	-
5745MHz	Pass	AV	11.49834G	40.40	54.00	-13.60	3	Horizontal	50	2.68	-
5745MHz	Pass	PK	11.49612G	52.46	74.00	-21.54	3	Horizontal	50	2.68	-
5785MHz	Pass	AV	5.779G	95.60	Inf	-Inf	3	Vertical	0	1.17	-
5785MHz	Pass	PK	5.5114G	54.80	68.20	-13.40	3	Vertical	0	1.17	-
5785MHz	Pass	PK	5.779G	103.99	Inf	-Inf	3	Vertical	0	1.17	-
5785MHz	Pass	PK	5.9578G	55.35	68.20	-12.85	3	Vertical	0	1.17	-
5785MHz	Pass	AV	5.7778G	99.55	Inf	-Inf	3	Horizontal	311	2.26	-
5785MHz	Pass	PK	5.6482G	54.05	68.20	-14.15	3	Horizontal	311	2.26	-
5785MHz	Pass	PK	5.7802G	108.67	Inf	-Inf	3	Horizontal	311	2.26	-
5785MHz	Pass	PK	6.0214G	56.24	68.20	-11.96	3	Horizontal	311	2.26	-
5785MHz	Pass	AV	11.56532G	41.07	54.00	-12.93	3	Vertical	50	1.00	-
5785MHz	Pass	PK	11.56508G	53.05	74.00	-20.95	3	Vertical	50	1.00	-
5785MHz	Pass	AV	11.58428G	40.74	54.00	-13.26	3	Horizontal	325	3.00	-
5785MHz	Pass	PK	11.57144G	52.97	74.00	-21.03	3	Horizontal	325	3.00	-
5825MHz	Pass	AV	5.8262G	96.05	Inf	-Inf	3	Vertical	6	1.13	-
5825MHz	Pass	PK	5.5262G	53.82	68.20	-14.38	3	Vertical	6	1.13	-
5825MHz	Pass	PK	5.8214G	105.44	Inf	-Inf	3	Vertical	6	1.13	-
5825MHz	Pass	PK	6.047G	55.28	68.20	-12.92	3	Vertical	6	1.13	-
5825MHz	Pass	AV	5.8202G	98.43	Inf	-Inf	3	Horizontal	298	2.11	-
5825MHz	Pass	PK	5.5634G	54.53	68.20	-13.67	3	Horizontal	298	2.11	-
5825MHz	Pass	PK	5.8178G	107.61	Inf	-Inf	3	Horizontal	298	2.11	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	6.0554G	55.64	68.20	-12.56	3	Horizontal	298	2.11	-
5825MHz	Pass	AV	11.63674G	40.58	54.00	-13.42	3	Vertical	264	1.01	-
5825MHz	Pass	PK	11.6395G	52.44	74.00	-21.56	3	Vertical	264	1.01	-
5825MHz	Pass	AV	11.6365G	40.67	54.00	-13.33	3	Horizontal	47	1.50	-
5825MHz	Pass	PK	11.64898G	52.64	74.00	-21.36	3	Horizontal	47	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	50.43	54.00	-3.57	3	Vertical	309	2.23	-
5190MHz	Pass	AV	5.1936G	91.06	Inf	-Inf	3	Vertical	309	2.23	-
5190MHz	Pass	PK	5.144G	61.02	74.00	-12.98	3	Vertical	309	2.23	-
5190MHz	Pass	PK	5.1964G	99.71	Inf	-Inf	3	Vertical	309	2.23	-
5190MHz	Pass	AV	5.15G	50.76	54.00	-3.24	3	Horizontal	193	2.01	-
5190MHz	Pass	AV	5.1952G	92.60	Inf	-Inf	3	Horizontal	193	2.01	-
5190MHz	Pass	PK	5.15G	61.04	74.00	-12.96	3	Horizontal	193	2.01	-
5190MHz	Pass	PK	5.1928G	101.26	Inf	-Inf	3	Horizontal	193	2.01	-
5190MHz	Pass	PK	10.39624G	51.91	68.20	-16.29	3	Vertical	147	1.83	-
5190MHz	Pass	PK	10.394G	51.95	68.20	-16.25	3	Horizontal	240	1.57	-
5230MHz	Pass	AV	5.15G	46.87	54.00	-7.13	3	Vertical	360	1.04	-
5230MHz	Pass	AV	5.2348G	95.64	Inf	-Inf	3	Vertical	360	1.04	-
5230MHz	Pass	PK	5.15G	57.64	74.00	-16.36	3	Vertical	360	1.04	-
5230MHz	Pass	PK	5.2348G	103.91	Inf	-Inf	3	Vertical	360	1.04	-
5230MHz	Pass	AV	5.1496G	49.33	54.00	-4.67	3	Horizontal	195	1.03	-
5230MHz	Pass	AV	5.2352G	99.25	Inf	-Inf	3	Horizontal	195	1.03	-
5230MHz	Pass	PK	5.1428G	60.99	74.00	-13.01	3	Horizontal	195	1.03	-
5230MHz	Pass	PK	5.2356G	107.24	Inf	-Inf	3	Horizontal	195	1.03	-
5230MHz	Pass	PK	10.47192G	51.47	68.20	-16.73	3	Vertical	355	1.85	-
5230MHz	Pass	PK	10.44104G	52.61	68.20	-15.59	3	Horizontal	154	1.93	-
5270MHz	Pass	AV	5.2568G	94.13	Inf	-Inf	3	Vertical	360	1.01	-
5270MHz	Pass	AV	5.35G	45.18	54.00	-8.82	3	Vertical	360	1.01	-
5270MHz	Pass	PK	5.2596G	102.59	Inf	-Inf	3	Vertical	360	1.01	-
5270MHz	Pass	PK	5.3524G	55.96	74.00	-18.04	3	Vertical	360	1.01	-
5270MHz	Pass	AV	5.278G	96.27	Inf	-Inf	3	Horizontal	187	1.06	-
5270MHz	Pass	AV	5.3504G	47.17	54.00	-6.83	3	Horizontal	187	1.06	-
5270MHz	Pass	PK	5.2676G	104.53	Inf	-Inf	3	Horizontal	187	1.06	-
5270MHz	Pass	PK	5.3532G	57.05	74.00	-16.95	3	Horizontal	187	1.06	-
5270MHz	Pass	PK	10.5584G	51.39	68.20	-16.81	3	Vertical	148	1.98	-
5270MHz	Pass	PK	10.55416G	51.68	68.20	-16.52	3	Horizontal	42	2.82	-
5310MHz	Pass	AV	5.3044G	86.74	Inf	-Inf	3	Vertical	360	1.02	-
5310MHz	Pass	AV	5.3516G	48.27	54.00	-5.73	3	Vertical	360	1.02	-
5310MHz	Pass	PK	5.3044G	95.32	Inf	-Inf	3	Vertical	360	1.02	-
5310MHz	Pass	PK	5.352G	60.30	74.00	-13.70	3	Vertical	360	1.02	-
5310MHz	Pass	AV	5.3152G	89.07	Inf	-Inf	3	Horizontal	188	1.11	-
5310MHz	Pass	AV	5.35G	50.46	54.00	-3.54	3	Horizontal	188	1.11	-
5310MHz	Pass	PK	5.3124G	97.18	Inf	-Inf	3	Horizontal	188	1.11	-
5310MHz	Pass	PK	5.35G	62.24	74.00	-11.76	3	Horizontal	188	1.11	-
5310MHz	Pass	AV	10.60224G	41.18	54.00	-12.82	3	Vertical	306	2.26	-
5310MHz	Pass	PK	10.60552G	52.05	74.00	-21.95	3	Vertical	306	2.26	-
5310MHz	Pass	AV	10.61488G	40.97	54.00	-13.03	3	Horizontal	126	2.85	-
5310MHz	Pass	PK	10.60104G	52.31	74.00	-21.69	3	Horizontal	126	2.85	-
5510MHz	Pass	AV	5.4596G	46.33	54.00	-7.67	3	Vertical	0	1.02	-
5510MHz	Pass	AV	5.504G	89.49	Inf	-Inf	3	Vertical	0	1.02	-
5510MHz	Pass	PK	5.4644G	64.38	68.20	-3.82	3	Vertical	0	1.02	-
5510MHz	Pass	PK	5.504G	97.80	Inf	-Inf	3	Vertical	0	1.02	-
5510MHz	Pass	AV	5.46G	47.93	54.00	-6.07	3	Horizontal	185	1.05	-
5510MHz	Pass	AV	5.5032G	90.92	Inf	-Inf	3	Horizontal	185	1.05	-
5510MHz	Pass	PK	5.4652G	65.05	68.20	-3.15	3	Horizontal	185	1.05	-
5510MHz	Pass	PK	5.5004G	99.65	Inf	-Inf	3	Horizontal	185	1.05	-
5510MHz	Pass	AV	11.01664G	41.52	54.00	-12.48	3	Vertical	18	2.30	-
5510MHz	Pass	PK	11.03408G	52.52	74.00	-21.48	3	Vertical	18	2.30	-
5510MHz	Pass	AV	11.03808G	41.74	54.00	-12.26	3	Horizontal	297	1.42	-
5510MHz	Pass	PK	11.01192G	52.23	74.00	-21.77	3	Horizontal	297	1.42	-
5550MHz	Pass	AV	5.4596G	45.44	54.00	-8.56	3	Vertical	6	1.03	-
5550MHz	Pass	AV	5.5468G	95.87	Inf	-Inf	3	Vertical	6	1.03	-

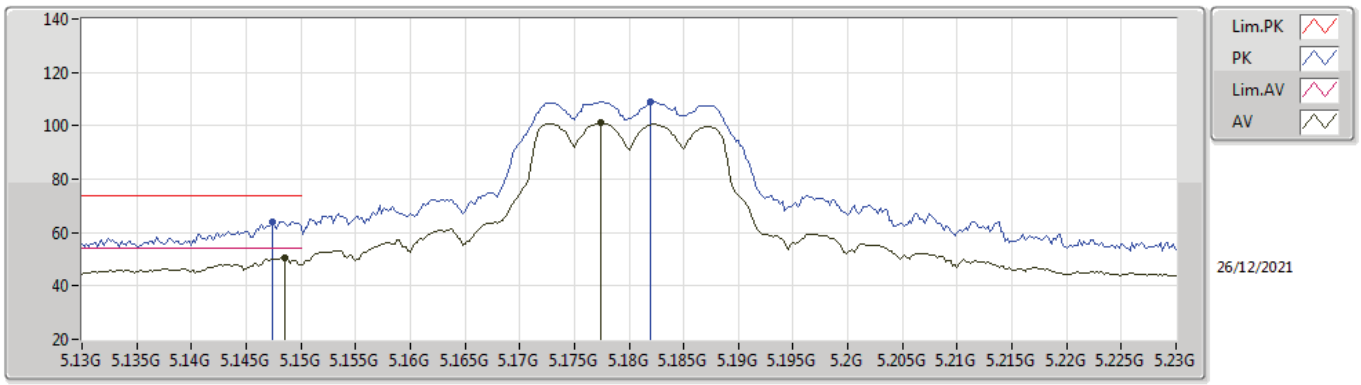
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	PK	5.4672G	58.83	68.20	-9.37	3	Vertical	6	1.03	-
5550MHz	Pass	PK	5.5444G	104.14	Inf	-Inf	3	Vertical	6	1.03	-
5550MHz	Pass	AV	5.46G	45.98	54.00	-8.02	3	Horizontal	187	1.10	-
5550MHz	Pass	AV	5.5456G	96.94	Inf	-Inf	3	Horizontal	187	1.10	-
5550MHz	Pass	PK	5.4676G	59.15	68.20	-9.05	3	Horizontal	187	1.10	-
5550MHz	Pass	PK	5.5556G	104.96	Inf	-Inf	3	Horizontal	187	1.10	-
5550MHz	Pass	AV	11.11976G	41.22	54.00	-12.78	3	Vertical	185	1.23	-
5550MHz	Pass	PK	11.09056G	52.51	74.00	-21.49	3	Vertical	185	1.23	-
5550MHz	Pass	AV	11.08016G	41.03	54.00	-12.97	3	Horizontal	190	1.48	-
5550MHz	Pass	PK	11.10792G	51.88	74.00	-22.12	3	Horizontal	190	1.48	-
5670MHz	Pass	AV	5.664G	94.47	Inf	-Inf	3	Vertical	7	1.02	-
5670MHz	Pass	PK	5.664G	103.07	Inf	-Inf	3	Vertical	7	1.02	-
5670MHz	Pass	PK	5.7276G	62.08	68.20	-6.12	3	Vertical	7	1.02	-
5670MHz	Pass	AV	5.6652G	97.00	Inf	-Inf	3	Horizontal	313	2.22	-
5670MHz	Pass	PK	5.6652G	106.37	Inf	-Inf	3	Horizontal	313	2.22	-
5670MHz	Pass	PK	5.7276G	63.39	68.20	-4.81	3	Horizontal	313	2.22	-
5670MHz	Pass	AV	11.35192G	41.58	54.00	-12.42	3	Vertical	104	2.15	-
5670MHz	Pass	PK	11.34184G	52.97	74.00	-21.03	3	Vertical	104	2.15	-
5670MHz	Pass	AV	11.33728G	41.62	54.00	-12.38	3	Horizontal	103	1.55	-
5670MHz	Pass	PK	11.32728G	52.63	74.00	-21.37	3	Horizontal	103	1.55	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.704G	92.65	Inf	-Inf	3	Vertical	0	1.04	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	53.69	68.20	-14.51	3	Vertical	0	1.04	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.706G	101.46	Inf	-Inf	3	Vertical	0	1.04	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.881G	55.37	68.20	-12.83	3	Vertical	0	1.04	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.695G	94.32	Inf	-Inf	3	Horizontal	185	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	53.56	68.20	-14.64	3	Horizontal	185	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.713G	102.95	Inf	-Inf	3	Horizontal	185	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.914G	54.98	68.20	-13.22	3	Horizontal	185	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41048G	41.74	54.00	-12.26	3	Vertical	39	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42296G	52.43	74.00	-21.57	3	Vertical	39	1.68	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.40232G	41.77	54.00	-12.23	3	Horizontal	17	1.94	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.43056G	52.58	74.00	-21.42	3	Horizontal	17	1.94	-
5755MHz	Pass	AV	5.7634G	94.78	Inf	-Inf	3	Vertical	13	1.01	-
5755MHz	Pass	PK	5.6494G	55.04	68.20	-13.16	3	Vertical	13	1.01	-
5755MHz	Pass	PK	5.7538G	103.35	Inf	-Inf	3	Vertical	13	1.01	-
5755MHz	Pass	PK	6.0418G	55.14	68.20	-13.06	3	Vertical	13	1.01	-
5755MHz	Pass	AV	5.7598G	97.98	Inf	-Inf	3	Horizontal	311	2.18	-
5755MHz	Pass	PK	5.6482G	57.71	68.20	-10.49	3	Horizontal	311	2.18	-
5755MHz	Pass	PK	5.7502G	106.97	Inf	-Inf	3	Horizontal	311	2.18	-
5755MHz	Pass	PK	6.0022G	55.98	68.20	-12.22	3	Horizontal	311	2.18	-
5755MHz	Pass	AV	11.49984G	41.61	54.00	-12.39	3	Vertical	55	1.72	-
5755MHz	Pass	PK	11.50792G	52.84	74.00	-21.16	3	Vertical	55	1.72	-
5755MHz	Pass	AV	11.52712G	41.71	54.00	-12.29	3	Horizontal	35	2.11	-
5755MHz	Pass	PK	11.52896G	52.01	74.00	-21.99	3	Horizontal	35	2.11	-
5795MHz	Pass	AV	5.7986G	92.67	Inf	-Inf	3	Vertical	0	1.01	-
5795MHz	Pass	PK	5.5178G	54.07	68.20	-14.13	3	Vertical	0	1.01	-
5795MHz	Pass	PK	5.801G	101.21	Inf	-Inf	3	Vertical	0	1.01	-
5795MHz	Pass	PK	5.9522G	55.41	68.20	-12.79	3	Vertical	0	1.01	-
5795MHz	Pass	AV	5.7998G	97.13	Inf	-Inf	3	Horizontal	311	2.23	-
5795MHz	Pass	PK	5.585G	54.13	68.20	-14.07	3	Horizontal	311	2.23	-
5795MHz	Pass	PK	5.7926G	105.74	Inf	-Inf	3	Horizontal	311	2.23	-
5795MHz	Pass	PK	6.0662G	55.49	68.20	-12.71	3	Horizontal	311	2.23	-
5795MHz	Pass	AV	11.5908G	41.59	54.00	-12.41	3	Vertical	344	1.50	-
5795MHz	Pass	PK	11.58992G	52.86	74.00	-21.14	3	Vertical	344	1.50	-
5795MHz	Pass	AV	11.60216G	41.52	54.00	-12.48	3	Horizontal	183	1.60	-
5795MHz	Pass	PK	11.59264G	52.47	74.00	-21.53	3	Horizontal	183	1.60	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.145G	49.32	54.00	-4.68	3	Vertical	3	1.01	-
5210MHz	Pass	AV	5.195G	88.09	Inf	-Inf	3	Vertical	3	1.01	-
5210MHz	Pass	AV	5.449G	44.15	54.00	-9.85	3	Vertical	3	1.01	-
5210MHz	Pass	PK	5.138G	57.90	74.00	-16.10	3	Vertical	3	1.01	-
5210MHz	Pass	PK	5.195G	95.07	Inf	-Inf	3	Vertical	3	1.01	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.432G	53.26	74.00	-20.74	3	Vertical	3	1.01	-
5210MHz	Pass	AV	5.15G	50.82	54.00	-3.18	3	Horizontal	193	1.10	-
5210MHz	Pass	AV	5.225G	90.52	Inf	-Inf	3	Horizontal	193	1.10	-
5210MHz	Pass	AV	5.415G	43.91	54.00	-10.09	3	Horizontal	193	1.10	-
5210MHz	Pass	PK	5.148G	59.69	74.00	-14.31	3	Horizontal	193	1.10	-
5210MHz	Pass	PK	5.222G	98.18	Inf	-Inf	3	Horizontal	193	1.10	-
5210MHz	Pass	PK	5.407G	53.38	74.00	-20.62	3	Horizontal	193	1.10	-
5210MHz	Pass	PK	10.42824G	52.20	68.20	-16.00	3	Vertical	354	1.20	-
5210MHz	Pass	PK	10.42992G	51.80	68.20	-16.40	3	Horizontal	48	2.38	-
5290MHz	Pass	AV	5.079G	43.75	54.00	-10.25	3	Vertical	360	1.01	-
5290MHz	Pass	AV	5.302G	83.41	Inf	-Inf	3	Vertical	360	1.01	-
5290MHz	Pass	AV	5.35G	48.76	54.00	-5.24	3	Vertical	360	1.01	-
5290MHz	Pass	PK	5.104G	52.97	74.00	-21.03	3	Vertical	360	1.01	-
5290MHz	Pass	PK	5.277G	91.11	Inf	-Inf	3	Vertical	360	1.01	-
5290MHz	Pass	PK	5.505G	53.46	68.20	-14.74	3	Vertical	360	1.01	-
5290MHz	Pass	AV	5.12G	44.00	54.00	-10.00	3	Horizontal	187	1.07	-
5290MHz	Pass	AV	5.283G	85.26	Inf	-Inf	3	Horizontal	187	1.07	-
5290MHz	Pass	AV	5.353G	50.71	54.00	-3.29	3	Horizontal	187	1.07	-
5290MHz	Pass	PK	5.044G	53.60	74.00	-20.40	3	Horizontal	187	1.07	-
5290MHz	Pass	PK	5.28G	92.84	Inf	-Inf	3	Horizontal	187	1.07	-
5290MHz	Pass	PK	5.508G	53.65	68.20	-14.55	3	Horizontal	187	1.07	-
5290MHz	Pass	PK	10.5788G	51.87	68.20	-16.33	3	Vertical	215	2.57	-
5290MHz	Pass	PK	10.594G	52.19	68.20	-16.01	3	Horizontal	42	2.04	-
5530MHz	Pass	AV	5.457G	50.03	54.00	-3.97	3	Vertical	5	1.03	-
5530MHz	Pass	AV	5.499G	84.85	Inf	-Inf	3	Vertical	5	1.03	-
5530MHz	Pass	PK	5.467G	60.10	68.20	-8.10	3	Vertical	5	1.03	-
5530MHz	Pass	PK	5.516G	92.38	Inf	-Inf	3	Vertical	5	1.03	-
5530MHz	Pass	PK	5.763G	54.88	68.20	-13.32	3	Vertical	5	1.03	-
5530MHz	Pass	AV	5.458G	50.67	54.00	-3.33	3	Horizontal	186	1.00	-
5530MHz	Pass	AV	5.523G	85.87	Inf	-Inf	3	Horizontal	186	1.00	-
5530MHz	Pass	PK	5.468G	61.75	68.20	-6.45	3	Horizontal	186	1.00	-
5530MHz	Pass	PK	5.52G	93.27	Inf	-Inf	3	Horizontal	186	1.00	-
5530MHz	Pass	PK	5.761G	54.31	68.20	-13.89	3	Horizontal	186	1.00	-
5530MHz	Pass	AV	11.0488G	42.85	54.00	-11.15	3	Vertical	14	1.91	-
5530MHz	Pass	PK	11.02304G	52.36	74.00	-21.64	3	Vertical	14	1.91	-
5530MHz	Pass	AV	11.04432G	43.19	54.00	-10.81	3	Horizontal	193	2.56	-
5530MHz	Pass	PK	11.04688G	52.68	74.00	-21.32	3	Horizontal	193	2.56	-
5610MHz	Pass	AV	5.459G	49.34	54.00	-4.66	3	Vertical	8	1.01	-
5610MHz	Pass	AV	5.601G	93.39	Inf	-Inf	3	Vertical	8	1.01	-
5610MHz	Pass	PK	5.462G	58.44	68.20	-9.76	3	Vertical	8	1.01	-
5610MHz	Pass	PK	5.599G	100.58	Inf	-Inf	3	Vertical	8	1.01	-
5610MHz	Pass	PK	5.726G	58.65	68.20	-9.55	3	Vertical	8	1.01	-
5610MHz	Pass	AV	5.456G	50.05	54.00	-3.95	3	Horizontal	186	1.12	-
5610MHz	Pass	AV	5.596G	94.49	Inf	-Inf	3	Horizontal	186	1.12	-
5610MHz	Pass	PK	5.466G	59.40	68.20	-8.80	3	Horizontal	186	1.12	-
5610MHz	Pass	PK	5.596G	101.63	Inf	-Inf	3	Horizontal	186	1.12	-
5610MHz	Pass	PK	5.726G	56.89	68.20	-11.31	3	Horizontal	186	1.12	-
5610MHz	Pass	AV	11.22688G	43.80	54.00	-10.20	3	Vertical	353	1.11	-
5610MHz	Pass	PK	11.22592G	53.24	74.00	-20.76	3	Vertical	353	1.11	-
5610MHz	Pass	AV	11.2368G	43.52	54.00	-10.48	3	Horizontal	174	2.52	-
5610MHz	Pass	PK	11.18192G	52.79	74.00	-21.21	3	Horizontal	174	2.52	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.448G	44.46	54.00	-9.54	3	Vertical	0	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.661G	91.50	Inf	-Inf	3	Vertical	0	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.469G	52.83	68.20	-15.37	3	Vertical	0	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.662G	99.37	Inf	-Inf	3	Vertical	0	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.918G	55.11	68.20	-13.09	3	Vertical	0	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.454G	45.00	54.00	-9.00	3	Horizontal	186	1.12	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.683G	92.87	Inf	-Inf	3	Horizontal	186	1.12	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.461G	53.61	68.20	-14.59	3	Horizontal	186	1.12	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.68G	100.57	Inf	-Inf	3	Horizontal	186	1.12	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.93G	55.31	68.20	-12.89	3	Horizontal	186	1.12	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.4064G	43.32	54.00	-10.68	3	Vertical	229	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.4016G	53.46	74.00	-20.54	3	Vertical	229	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3728G	43.46	54.00	-10.54	3	Horizontal	10	2.65	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.388G	53.53	74.00	-20.47	3	Horizontal	10	2.65	-
5775MHz	Pass	AV	5.7666G	91.06	Inf	-Inf	3	Vertical	5	1.18	-
5775MHz	Pass	PK	5.6466G	59.95	68.20	-8.25	3	Vertical	5	1.18	-
5775MHz	Pass	PK	5.7642G	98.70	Inf	-Inf	3	Vertical	5	1.18	-
5775MHz	Pass	PK	6.0174G	55.37	68.20	-12.83	3	Vertical	5	1.18	-
5775MHz	Pass	AV	5.7594G	95.60	Inf	-Inf	3	Horizontal	311	2.14	-
5775MHz	Pass	PK	5.6442G	62.82	68.20	-5.38	3	Horizontal	311	2.14	-
5775MHz	Pass	PK	5.7678G	103.67	Inf	-Inf	3	Horizontal	311	2.14	-
5775MHz	Pass	PK	5.9394G	56.18	68.20	-12.02	3	Horizontal	311	2.14	-
5775MHz	Pass	AV	11.56552G	43.06	54.00	-10.94	3	Vertical	256	1.50	-
5775MHz	Pass	PK	11.51896G	52.81	74.00	-21.19	3	Vertical	256	1.50	-
5775MHz	Pass	AV	11.57752G	42.89	54.00	-11.11	3	Horizontal	40	2.04	-
5775MHz	Pass	PK	11.58536G	52.78	74.00	-21.22	3	Horizontal	40	2.04	-

802.11a_Nss1,(6Mbps)_2TX

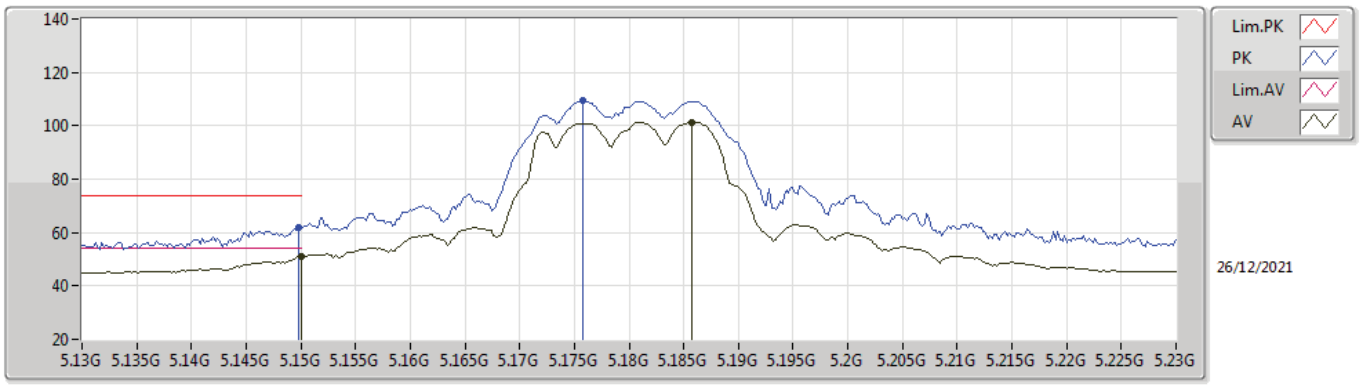
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1486G	50.41	54.00	-3.59	5.15	3	Vertical	316	2.29	-	45.26	33.10	6.49	34.44
AV	5.1774G	100.97	Inf	-Inf	5.12	3	Vertical	316	2.29	-	95.85	33.05	6.51	34.44
PK	5.1474G	64.08	74.00	-9.92	5.16	3	Vertical	316	2.29	-	58.92	33.11	6.49	34.44
PK	5.182G	109.21	Inf	-Inf	5.12	3	Vertical	316	2.29	-	104.09	33.04	6.52	34.44

802.11a_Nss1,(6Mbps)_2TX

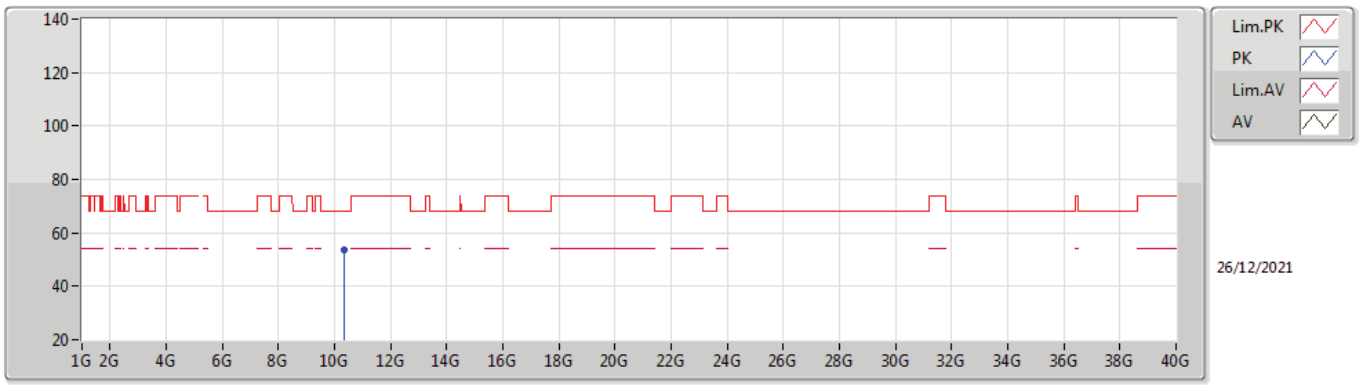
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.00	54.00	-3.00	5.15	3	Horizontal	178	1.36	-	45.85	33.10	6.49	34.44
AV	5.1858G	101.37	Inf	-Inf	5.11	3	Horizontal	178	1.36	-	96.26	33.03	6.52	34.44
PK	5.1498G	62.00	74.00	-12.00	5.15	3	Horizontal	178	1.36	-	56.85	33.10	6.49	34.44
PK	5.1758G	109.70	Inf	-Inf	5.12	3	Horizontal	178	1.36	-	104.58	33.05	6.51	34.44

802.11a_Nss1,(6Mbps)_2TX

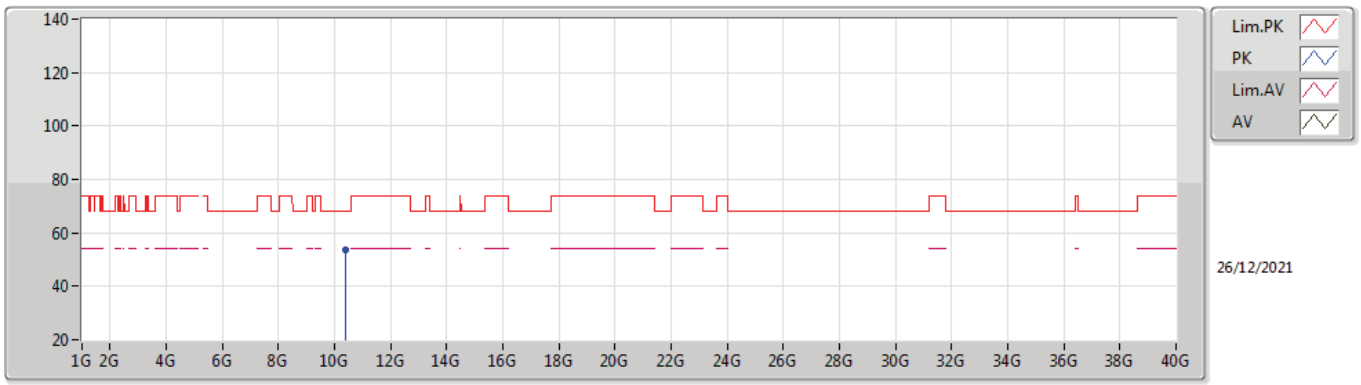
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.34632G	53.46	68.20	-14.74	13.43	3	Vertical	221	1.80	-	40.03	38.65	9.50	34.72

802.11a_Nss1,(6Mbps)_2TX

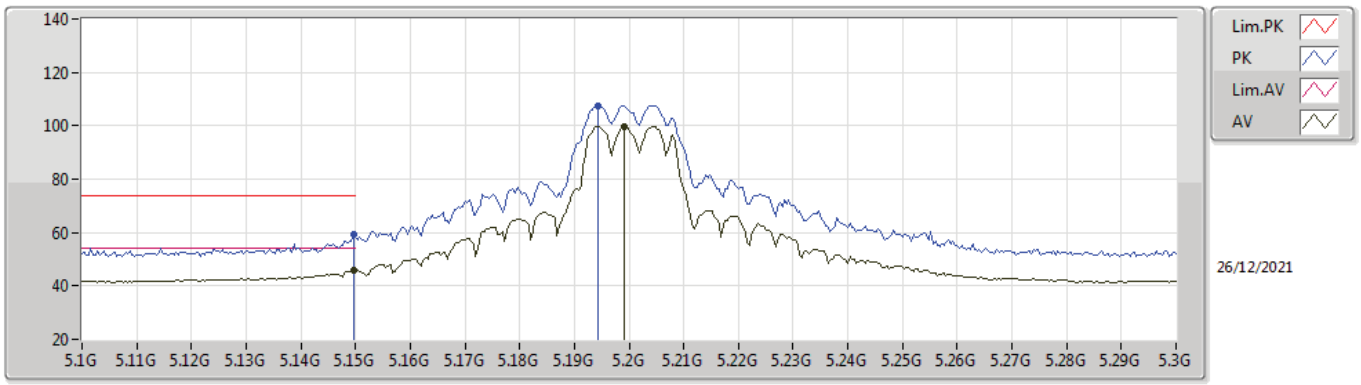
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.369G	53.79	68.20	-14.41	13.50	3	Horizontal	360	2.29	-	40.29	38.67	9.51	34.68

802.11a_Nss1,(6Mbps)_2TX

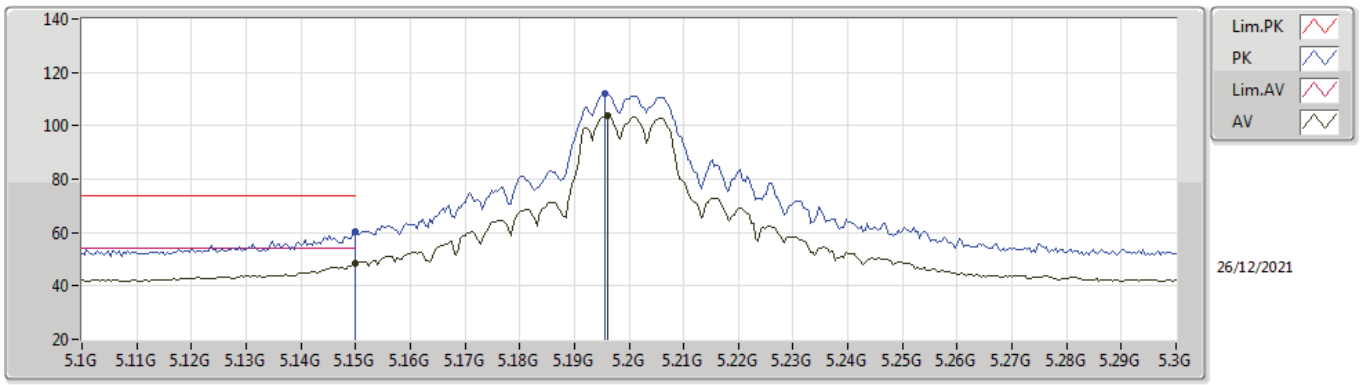
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	45.84	54.00	-8.16	5.15	3	Vertical	0	1.03	-	40.69	33.10	6.49	34.44
AV	5.1992G	99.72	Inf	-Inf	5.09	3	Vertical	0	1.03	-	94.63	33.00	6.53	34.44
PK	5.1496G	59.52	74.00	-14.48	5.15	3	Vertical	0	1.03	-	54.37	33.10	6.49	34.44
PK	5.1944G	107.60	Inf	-Inf	5.10	3	Vertical	0	1.03	-	102.50	33.01	6.53	34.44

802.11a_Nss1,(6Mbps)_2TX

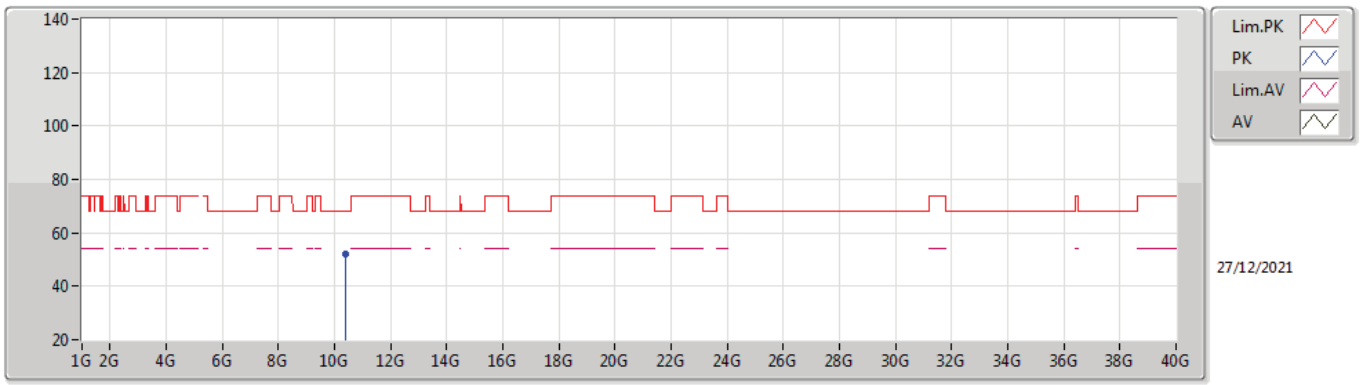
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.19	54.00	-5.81	5.15	3	Horizontal	179	1.37	-	43.04	33.10	6.49	34.44
AV	5.196G	103.61	Inf	-Inf	5.10	3	Horizontal	179	1.37	-	98.51	33.01	6.53	34.44
PK	5.15G	60.16	74.00	-13.84	5.15	3	Horizontal	179	1.37	-	55.01	33.10	6.49	34.44
PK	5.1956G	111.90	Inf	-Inf	5.10	3	Horizontal	179	1.37	-	106.80	33.01	6.53	34.44

802.11a_Nss1,(6Mbps)_2TX

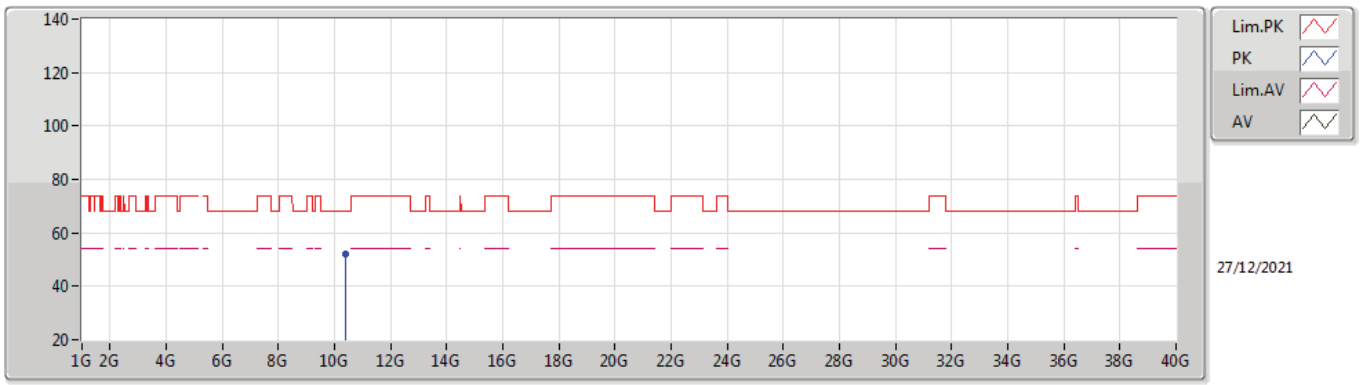
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3965G	52.11	68.20	-16.09	13.58	3	Vertical	329	2.98	-	38.53	38.70	9.52	34.64

802.11a_Nss1,(6Mbps)_2TX

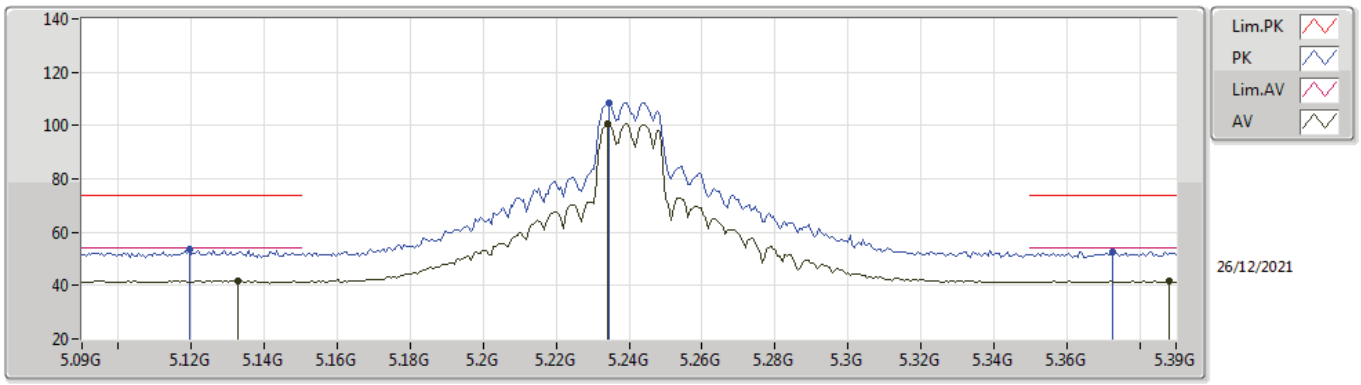
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3934G	52.18	68.20	-16.02	13.57	3	Horizontal	239	1.50	-	38.61	38.69	9.52	34.64

802.11a_Nss1,(6Mbps)_2TX

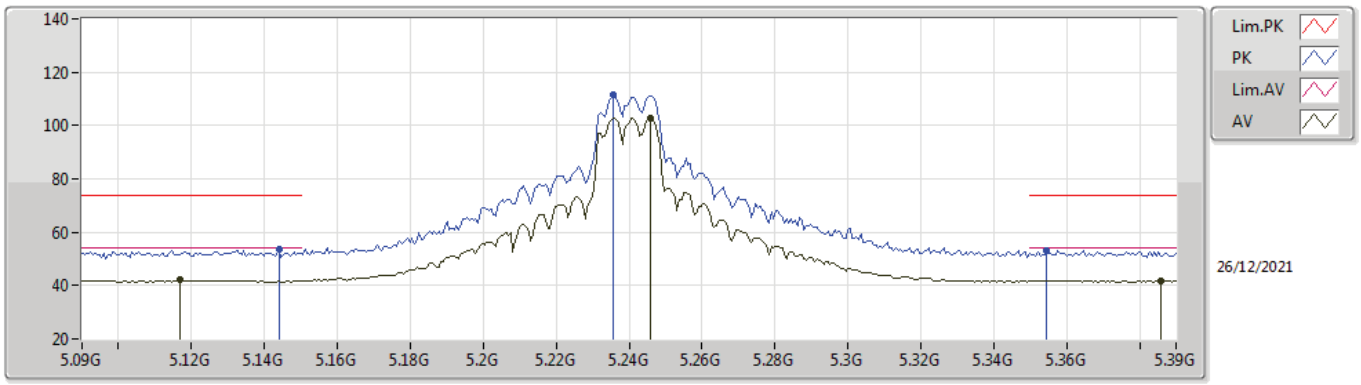
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1326G	41.89	54.00	-12.11	5.17	3	Vertical	0	1.00	-	36.72	33.13	6.48	34.44
AV	5.234G	100.54	Inf	-Inf	5.06	3	Vertical	0	1.00	-	95.48	32.93	6.57	34.44
AV	5.3882G	41.70	54.00	-12.30	5.28	3	Vertical	0	1.00	-	36.42	32.98	6.75	34.45
PK	5.1194G	53.43	74.00	-20.57	5.19	3	Vertical	0	1.00	-	48.24	33.16	6.47	34.44
PK	5.2346G	108.50	Inf	-Inf	5.06	3	Vertical	0	1.00	-	103.44	32.93	6.57	34.44
PK	5.3726G	52.75	74.00	-21.25	5.23	3	Vertical	0	1.00	-	47.52	32.95	6.73	34.45

802.11a_Nss1,(6Mbps)_2TX

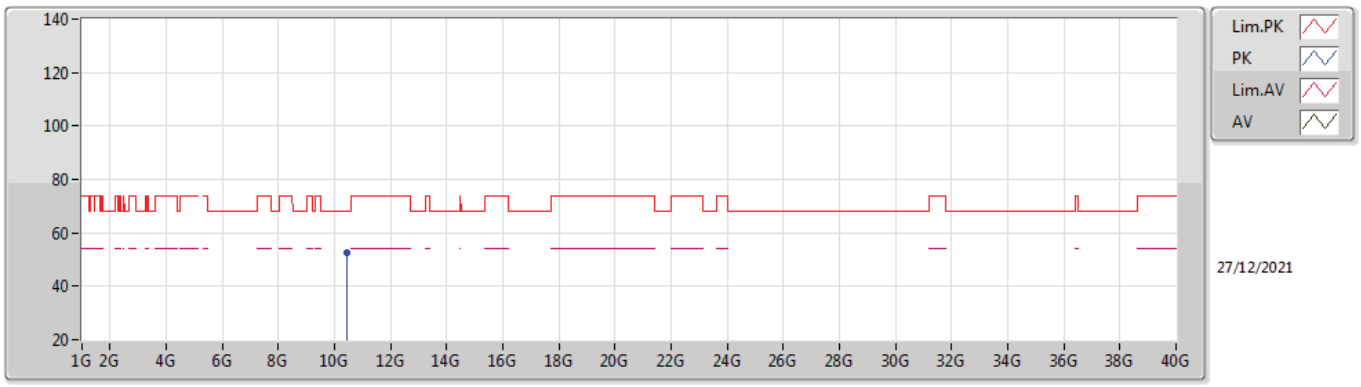
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.117G	42.05	54.00	-11.95	5.20	3	Horizontal	178	1.13	-	36.85	33.17	6.47	34.44
AV	5.246G	102.86	Inf	-Inf	5.05	3	Horizontal	178	1.13	-	97.81	32.91	6.58	34.44
AV	5.3858G	41.85	54.00	-12.15	5.26	3	Horizontal	178	1.13	-	36.59	32.97	6.74	34.45
PK	5.144G	53.60	74.00	-20.40	5.16	3	Horizontal	178	1.13	-	48.44	33.11	6.49	34.44
PK	5.2358G	111.33	Inf	-Inf	5.06	3	Horizontal	178	1.13	-	106.27	32.93	6.57	34.44
PK	5.3546G	53.11	74.00	-20.89	5.17	3	Horizontal	178	1.13	-	47.94	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_2TX

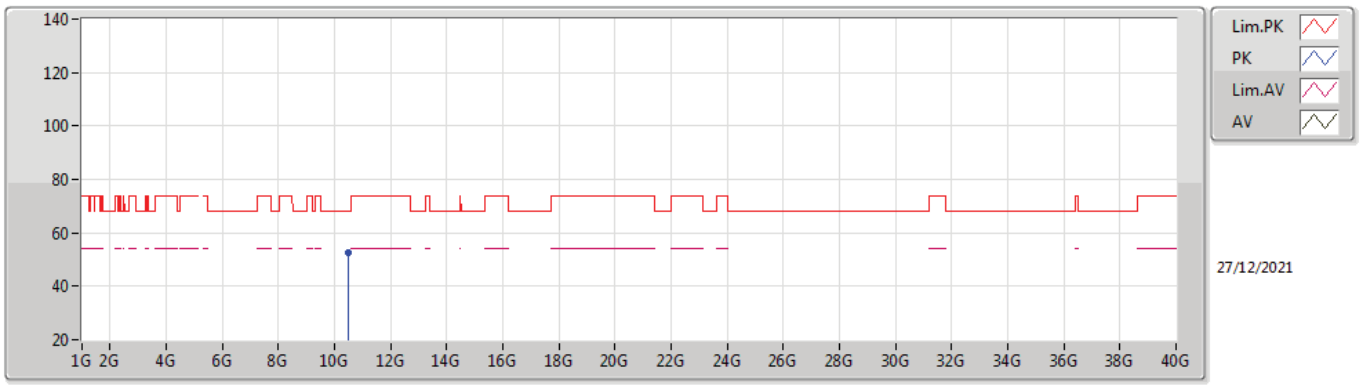
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4654G	52.80	68.20	-15.40	13.65	3	Vertical	85	1.50	-	39.15	38.63	9.55	34.53

802.11a_Nss1,(6Mbps)_2TX

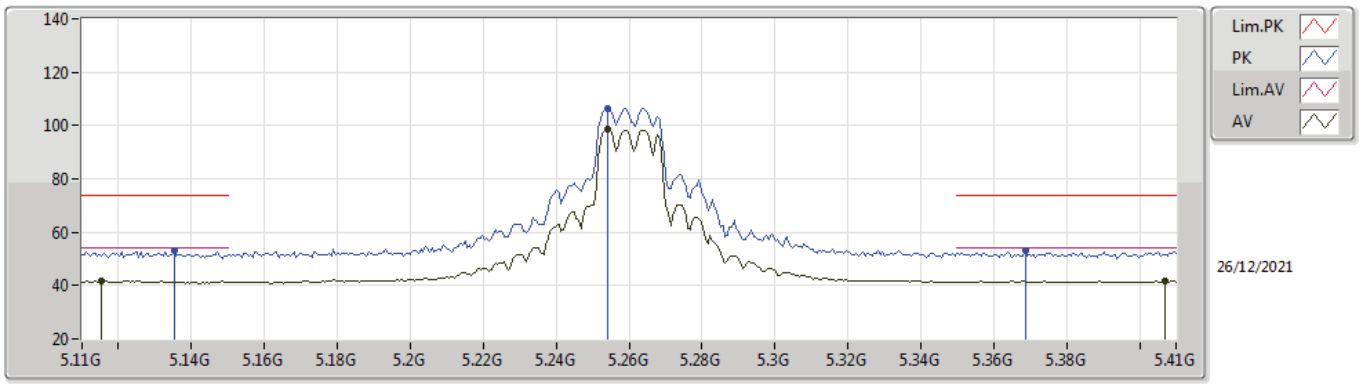
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4755G	52.67	68.20	-15.53	13.65	3	Horizontal	179	2.76	-	39.02	38.62	9.55	34.52

802.11a_Nss1,(6Mbps)_2TX

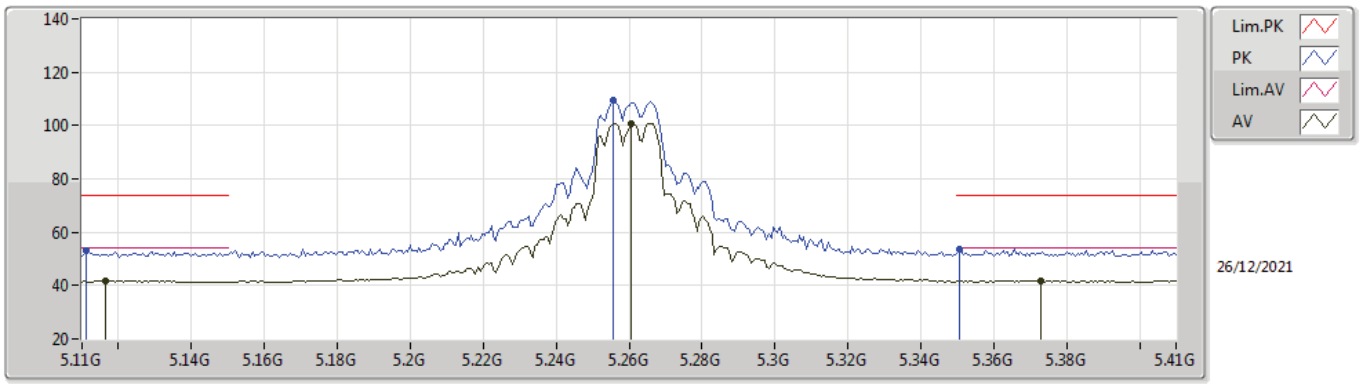
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1154G	41.64	54.00	-12.36	5.20	3	Vertical	0	1.01	-	36.44	33.17	6.47	34.44
AV	5.254G	98.70	Inf	-Inf	5.06	3	Vertical	0	1.01	-	93.64	32.92	6.59	34.45
AV	5.407G	41.87	54.00	-12.13	5.32	3	Vertical	0	1.01	-	36.55	33.01	6.76	34.45
PK	5.1352G	53.12	74.00	-20.88	5.17	3	Vertical	0	1.01	-	47.95	33.13	6.48	34.44
PK	5.254G	106.35	Inf	-Inf	5.06	3	Vertical	0	1.01	-	101.29	32.92	6.59	34.45
PK	5.3686G	52.89	74.00	-21.11	5.21	3	Vertical	0	1.01	-	47.68	32.94	6.72	34.45

802.11a_Nss1,(6Mbps)_2TX

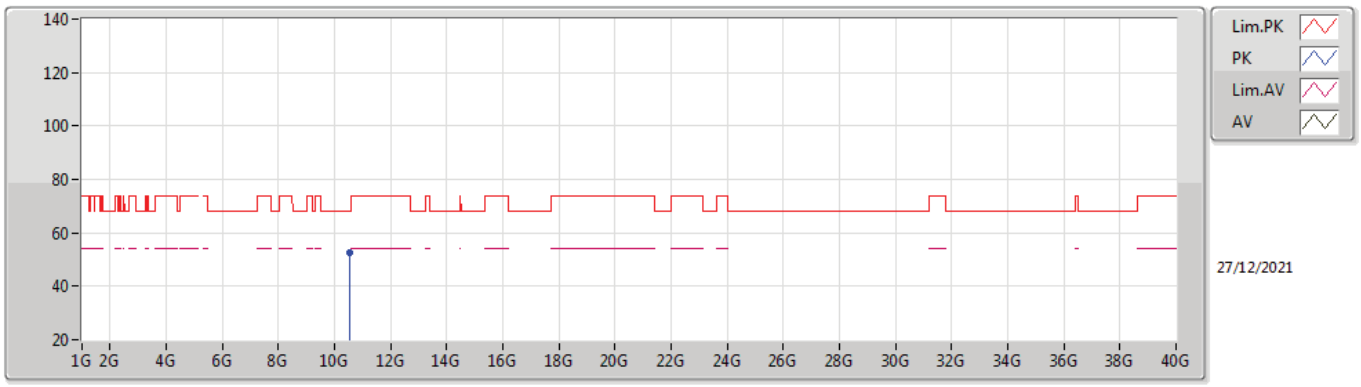
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1166G	41.82	54.00	-12.18	5.20	3	Horizontal	179	1.09	-	36.62	33.17	6.47	34.44
AV	5.2606G	100.79	Inf	-Inf	5.09	3	Horizontal	179	1.09	-	95.70	32.94	6.60	34.45
AV	5.3728G	41.93	54.00	-12.07	5.23	3	Horizontal	179	1.09	-	36.70	32.95	6.73	34.45
PK	5.1112G	53.08	74.00	-20.92	5.20	3	Horizontal	179	1.09	-	47.88	33.18	6.46	34.44
PK	5.2558G	109.57	Inf	-Inf	5.06	3	Horizontal	179	1.09	-	104.51	32.92	6.59	34.45
PK	5.3506G	53.60	74.00	-20.40	5.15	3	Horizontal	179	1.09	-	48.45	32.90	6.70	34.45

802.11a_Nss1,(6Mbps)_2TX

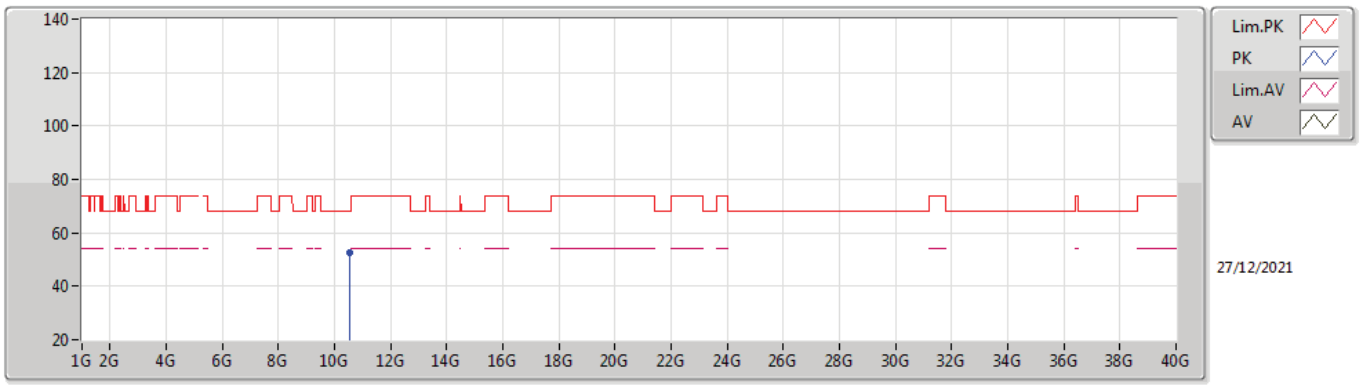
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5242G	52.69	68.20	-15.51	13.82	3	Vertical	264	1.50	-	38.87	38.72	9.57	34.47

802.11a_Nss1,(6Mbps)_2TX

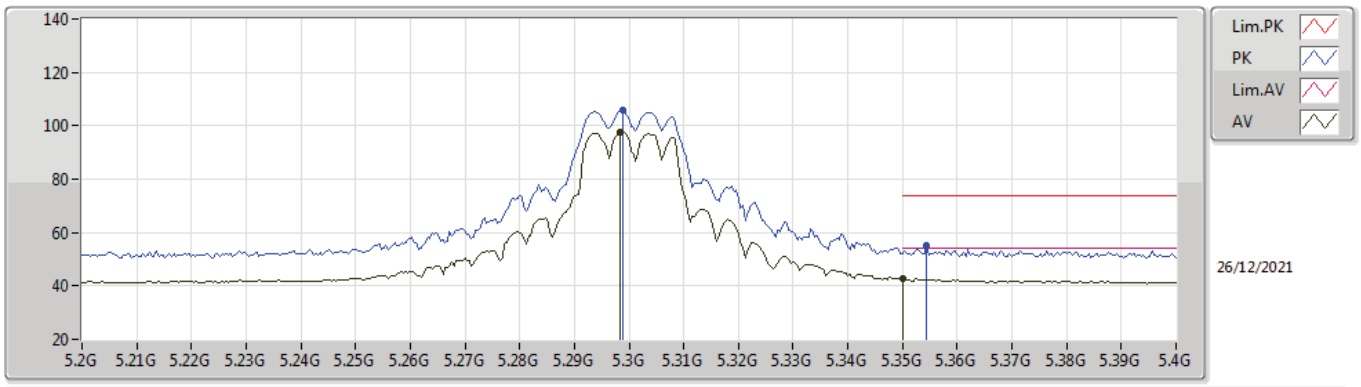
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5352G	52.48	68.20	-15.72	13.88	3	Horizontal	73	2.14	-	38.60	38.78	9.57	34.47

802.11a_Nss1,(6Mbps)_2TX

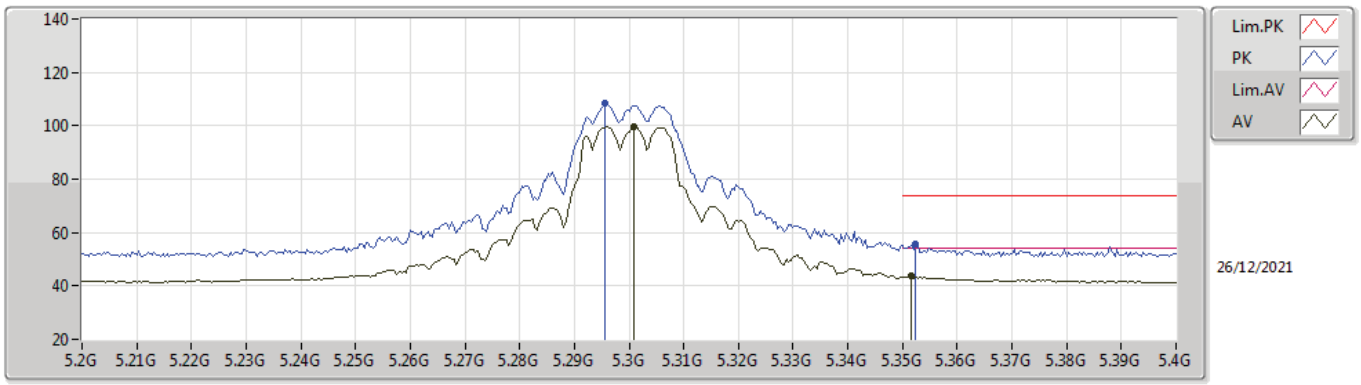
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2984G	97.43	Inf	-Inf	5.28	3	Vertical	360	1.07	-	92.15	33.09	6.64	34.45
AV	5.35G	42.81	54.00	-11.19	5.15	3	Vertical	360	1.07	-	37.66	32.90	6.70	34.45
PK	5.2988G	105.68	Inf	-Inf	5.29	3	Vertical	360	1.07	-	100.39	33.10	6.64	34.45
PK	5.3544G	55.30	74.00	-18.70	5.17	3	Vertical	360	1.07	-	50.13	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_2TX

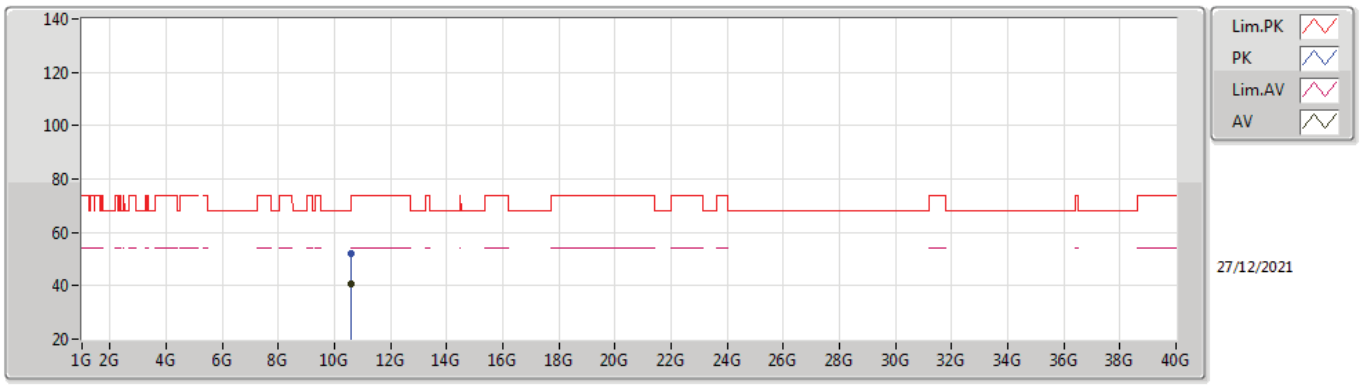
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3008G	99.59	Inf	-Inf	5.30	3	Horizontal	180	1.18	-	94.29	33.10	6.65	34.45
AV	5.3516G	43.56	54.00	-10.44	5.15	3	Horizontal	180	1.18	-	38.41	32.90	6.70	34.45
PK	5.2956G	108.27	Inf	-Inf	5.27	3	Horizontal	180	1.18	-	103.00	33.08	6.64	34.45
PK	5.3524G	55.66	74.00	-18.34	5.16	3	Horizontal	180	1.18	-	50.50	32.90	6.71	34.45

802.11a_Nss1,(6Mbps)_2TX

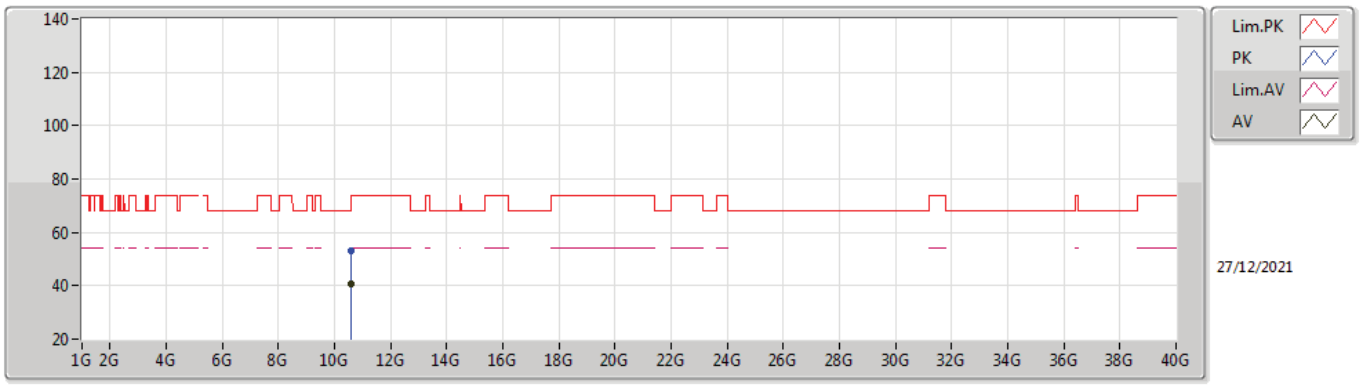
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6043G	40.58	54.00	-13.42	14.25	3	Vertical	99	2.07	-	26.33	39.10	9.59	34.44
PK	10.6044G	51.96	74.00	-22.04	14.25	3	Vertical	99	2.07	-	37.71	39.10	9.59	34.44

802.11a_Nss1,(6Mbps)_2TX

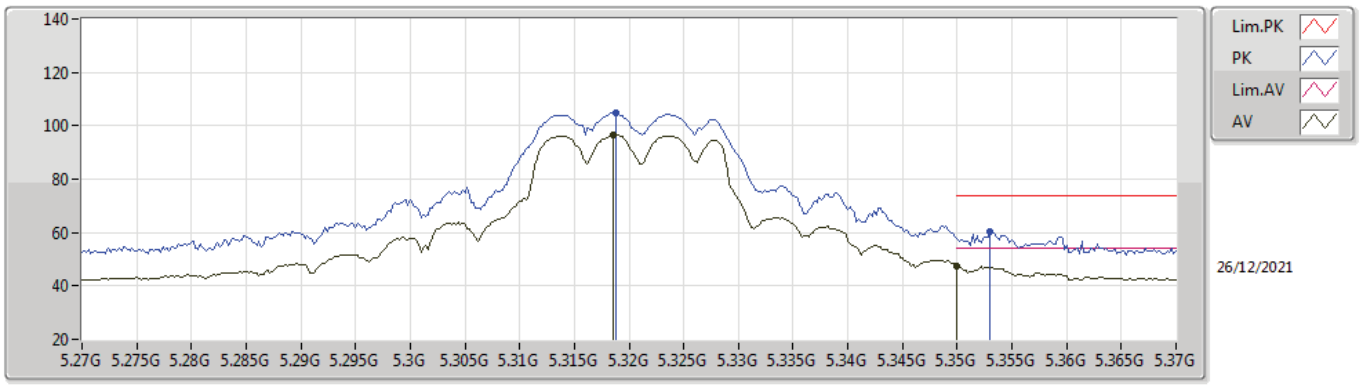
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6026G	40.60	54.00	-13.40	14.25	3	Horizontal	217	1.50	-	26.35	39.10	9.59	34.44
PK	10.601G	53.17	74.00	-20.83	14.25	3	Horizontal	217	1.50	-	38.92	39.10	9.59	34.44

802.11a_Nss1,(6Mbps)_2TX

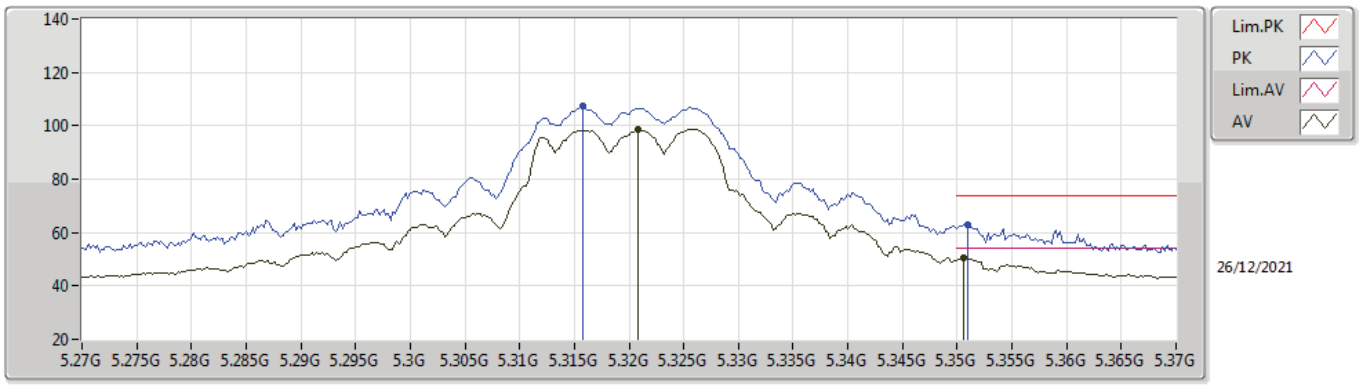
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3186G	96.52	Inf	-Inf	5.25	3	Vertical	0	1.03	-	91.27	33.03	6.67	34.45
AV	5.35G	47.39	54.00	-6.61	5.15	3	Vertical	0	1.03	-	42.24	32.90	6.70	34.45
PK	5.3188G	104.93	Inf	-Inf	5.24	3	Vertical	0	1.03	-	99.69	33.02	6.67	34.45
PK	5.353G	60.58	74.00	-13.42	5.17	3	Vertical	0	1.03	-	55.41	32.91	6.71	34.45

802.11a_Nss1,(6Mbps)_2TX

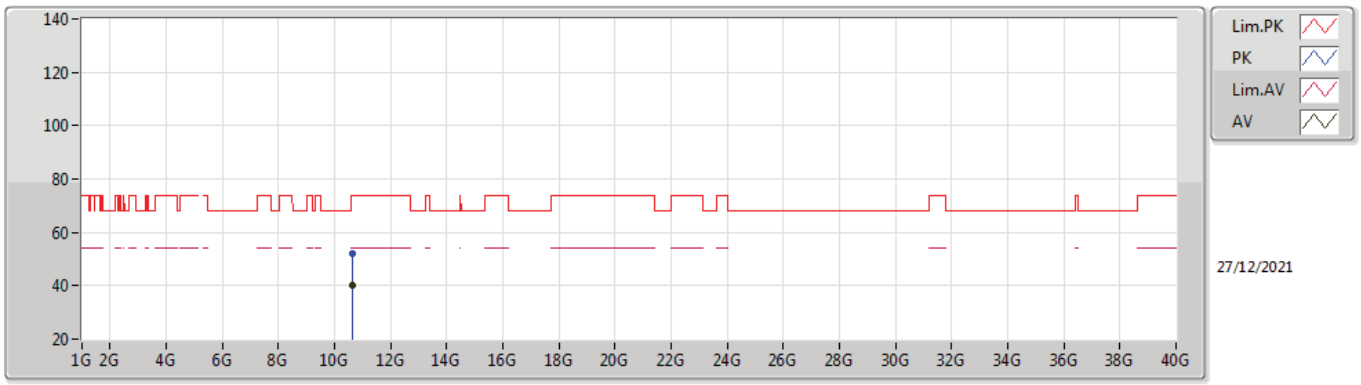
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3208G	98.64	Inf	-Inf	5.24	3	Horizontal	178	1.06	-	93.40	33.02	6.67	34.45
AV	5.3506G	50.49	54.00	-3.51	5.15	3	Horizontal	178	1.06	-	45.34	32.90	6.70	34.45
PK	5.3158G	107.18	Inf	-Inf	5.25	3	Horizontal	178	1.06	-	101.93	33.04	6.66	34.45
PK	5.351G	63.07	74.00	-10.93	5.15	3	Horizontal	178	1.06	-	57.92	32.90	6.70	34.45

802.11a_Nss1,(6Mbps)_2TX

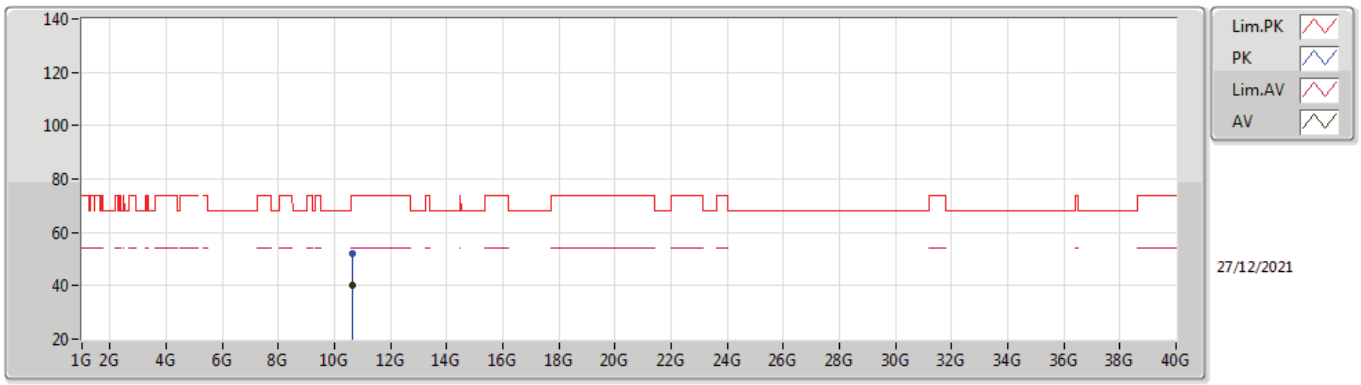
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6305G	40.34	54.00	-13.66	14.24	3	Vertical	270	2.36	-	26.10	39.07	9.60	34.43
PK	10.6596G	51.86	74.00	-22.14	14.23	3	Vertical	270	2.36	-	37.63	39.04	9.61	34.42

802.11a_Nss1,(6Mbps)_2TX

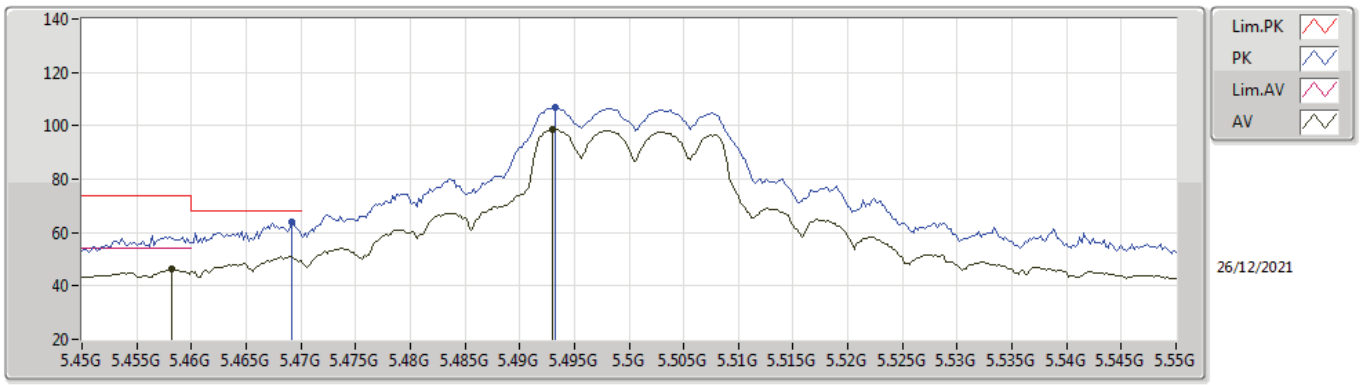
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6252G	40.28	54.00	-13.72	14.24	3	Horizontal	352	2.53	-	26.04	39.07	9.60	34.43
PK	10.6459G	52.09	74.00	-21.91	14.23	3	Horizontal	352	2.53	-	37.86	39.05	9.61	34.43

802.11a_Nss1,(6Mbps)_2TX

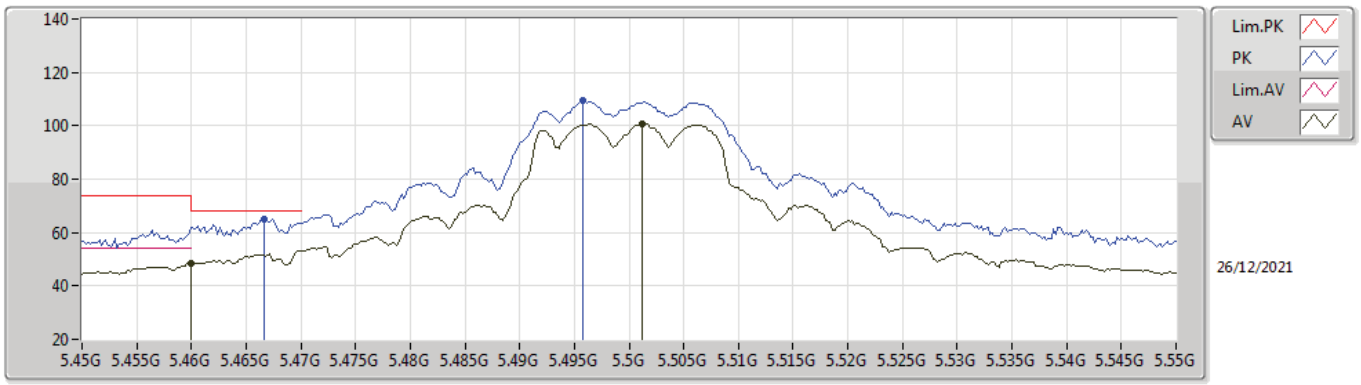
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4582G	46.22	54.00	-7.78	5.45	3	Vertical	0	1.01	-	40.77	33.12	6.79	34.46
AV	5.493G	98.54	Inf	-Inf	5.54	3	Vertical	0	1.01	-	93.00	33.19	6.81	34.46
PK	5.4692G	63.79	68.20	-4.41	5.47	3	Vertical	0	1.01	-	58.32	33.14	6.79	34.46
PK	5.4932G	106.75	Inf	-Inf	5.54	3	Vertical	0	1.01	-	101.21	33.19	6.81	34.46

802.11a_Nss1,(6Mbps)_2TX

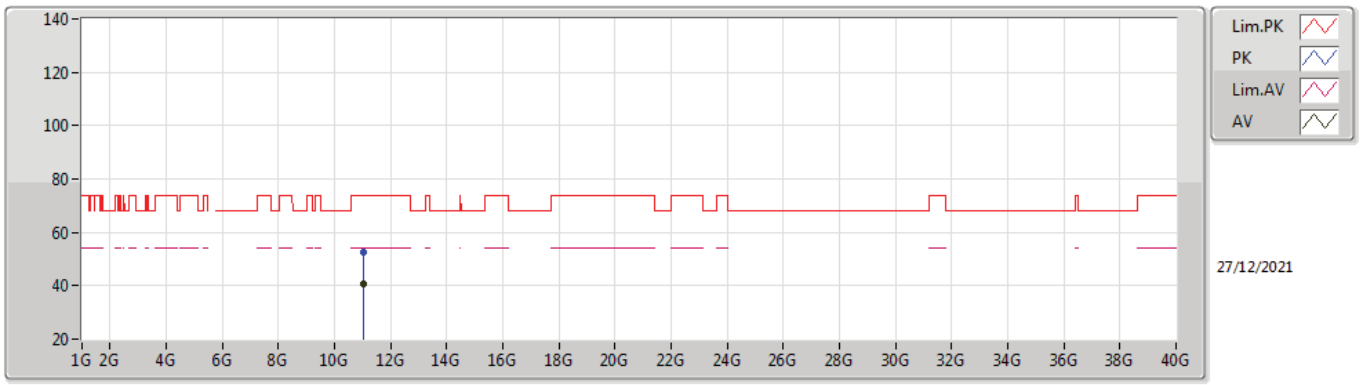
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	48.65	54.00	-5.35	5.45	3	Horizontal	176	1.19	-	43.20	33.12	6.79	34.46
AV	5.5012G	100.58	Inf	-Inf	5.55	3	Horizontal	176	1.19	-	95.03	33.20	6.81	34.46
PK	5.4666G	65.03	68.20	-3.17	5.46	3	Horizontal	176	1.19	-	59.57	33.13	6.79	34.46
PK	5.4958G	109.27	Inf	-Inf	5.54	3	Horizontal	176	1.19	-	103.73	33.19	6.81	34.46

802.11a_Nss1,(6Mbps)_2TX

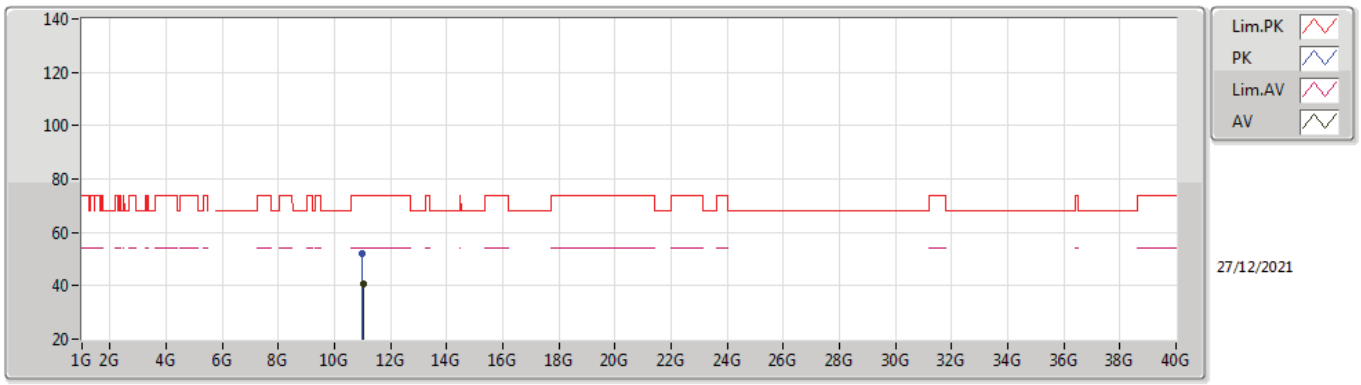
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0174G	40.78	54.00	-13.22	14.27	3	Vertical	40	2.23	-	26.51	38.82	9.74	34.29
PK	11.0228G	52.51	74.00	-21.49	14.28	3	Vertical	40	2.23	-	38.23	38.82	9.74	34.28

802.11a_Nss1,(6Mbps)_2TX

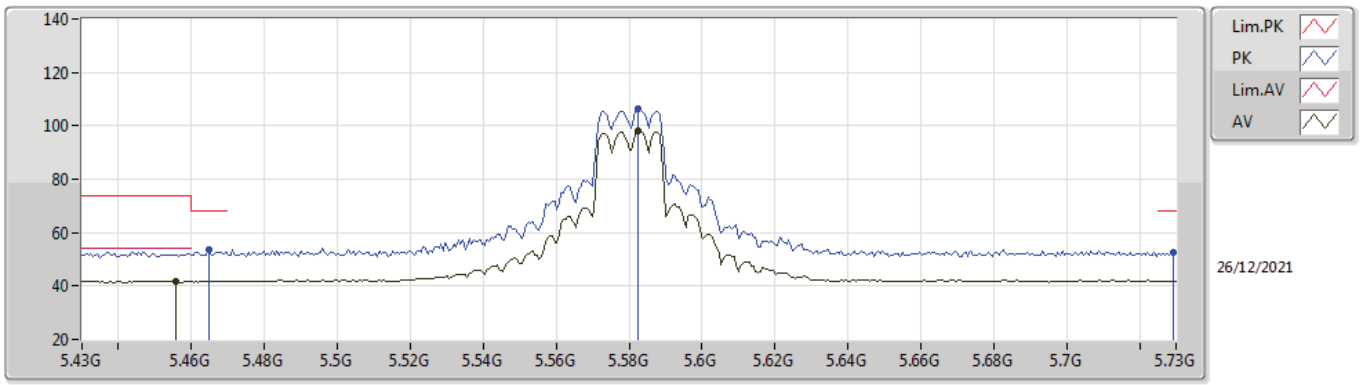
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0116G	40.82	54.00	-13.18	14.26	3	Horizontal	38	1.40	-	26.56	38.81	9.74	34.29
PK	11.002G	52.08	74.00	-21.92	14.24	3	Horizontal	38	1.40	-	37.84	38.80	9.74	34.30

802.11a_Nss1,(6Mbps)_2TX

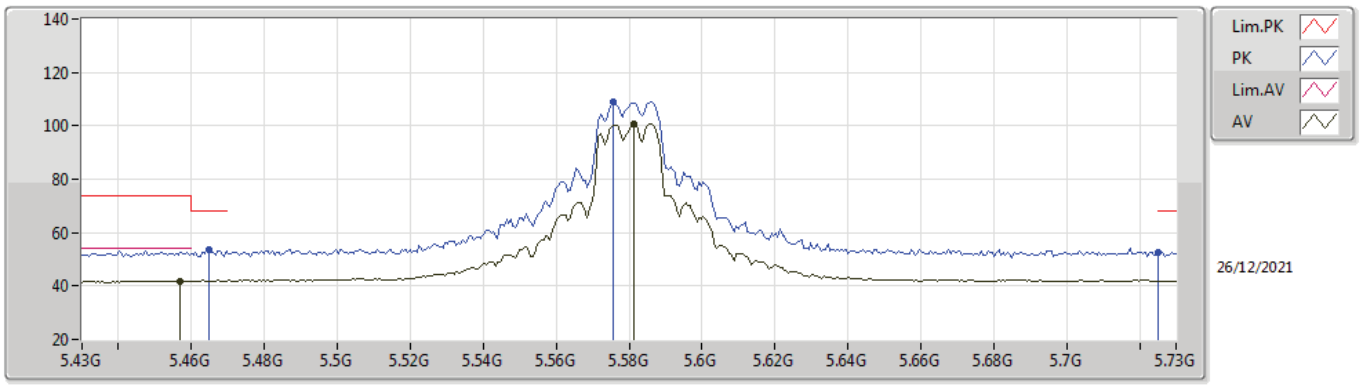
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4558G	41.91	54.00	-12.09	5.44	3	Vertical	0	1.06	-	36.47	33.11	6.79	34.46
AV	5.5824G	98.01	Inf	-Inf	5.51	3	Vertical	0	1.06	-	92.50	33.13	6.85	34.47
PK	5.4648G	53.46	68.20	-14.74	5.46	3	Vertical	0	1.06	-	48.00	33.13	6.79	34.46
PK	5.5824G	106.22	Inf	-Inf	5.51	3	Vertical	0	1.06	-	100.71	33.13	6.85	34.47
PK	5.7294G	52.46	68.20	-15.74	6.06	3	Vertical	0	1.06	-	46.40	33.64	6.91	34.49

802.11a_Nss1,(6Mbps)_2TX

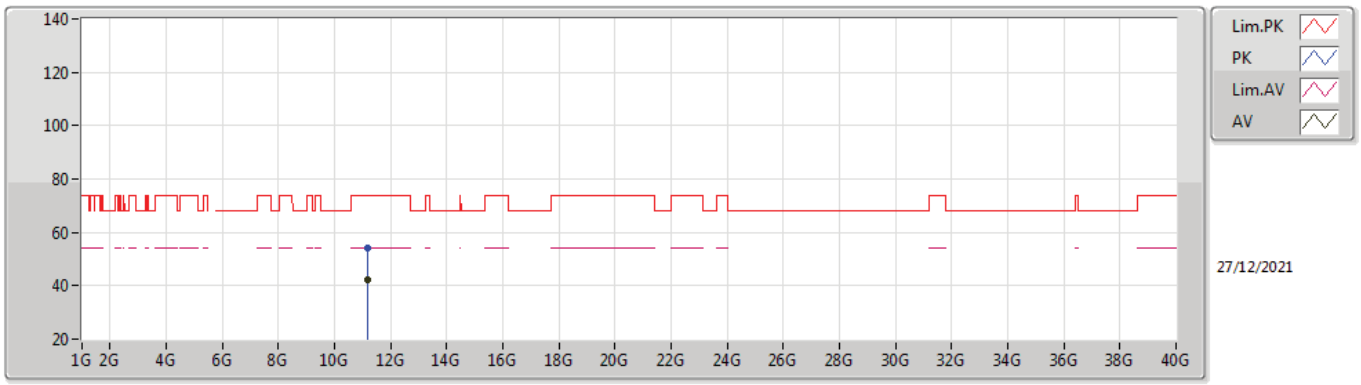
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	41.92	54.00	-12.08	5.44	3	Horizontal	177	1.09	-	36.48	33.11	6.79	34.46
AV	5.5812G	100.73	Inf	-Inf	5.50	3	Horizontal	177	1.09	-	95.23	33.12	6.85	34.47
PK	5.4648G	53.59	68.20	-14.61	5.46	3	Horizontal	177	1.09	-	48.13	33.13	6.79	34.46
PK	5.5758G	108.91	Inf	-Inf	5.48	3	Horizontal	177	1.09	-	103.43	33.10	6.85	34.47
PK	5.7252G	52.78	68.20	-15.42	6.01	3	Horizontal	177	1.09	-	46.77	33.60	6.90	34.49

802.11a_Nss1,(6Mbps)_2TX

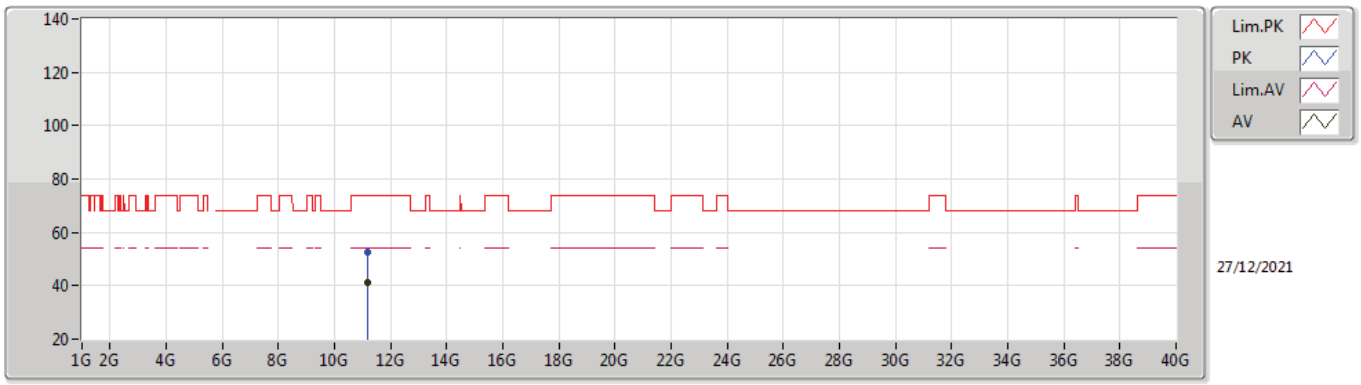
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.1597G	42.16	54.00	-11.84	14.62	3	Vertical	68	1.00	-	27.54	39.02	9.79	34.19
PK	11.1603G	54.04	74.00	-19.96	14.62	3	Vertical	68	1.00	-	39.42	39.02	9.79	34.19

802.11a_Nss1,(6Mbps)_2TX

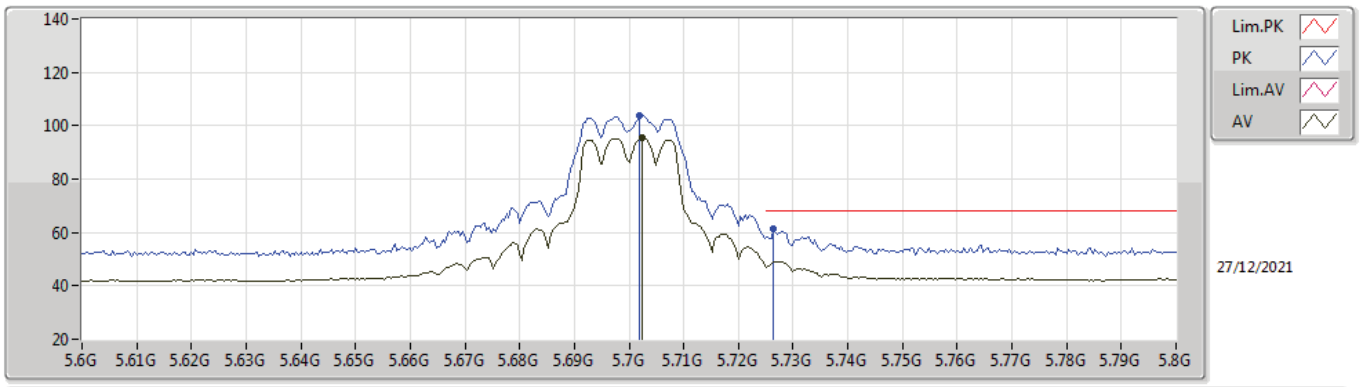
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.1836G	41.07	54.00	-12.93	14.70	3	Horizontal	169	1.50	-	26.37	39.07	9.80	34.17
PK	11.1735G	52.84	74.00	-21.16	14.67	3	Horizontal	169	1.50	-	38.17	39.05	9.80	34.18

802.11a_Nss1,(6Mbps)_2TX

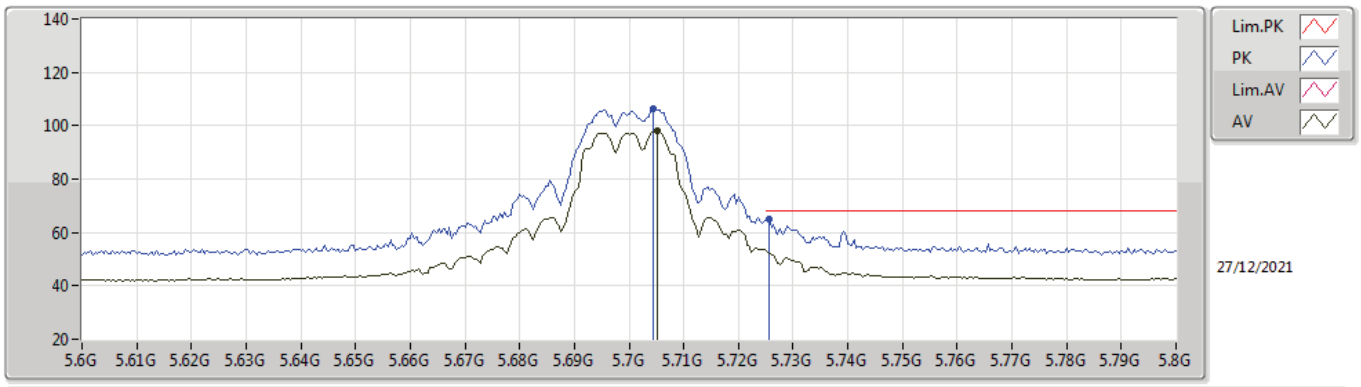
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7024G	95.49	Inf	-Inf	5.84	3	Vertical	10	1.04	-	89.65	33.42	6.90	34.48
PK	5.702G	103.84	Inf	-Inf	5.84	3	Vertical	10	1.04	-	98.00	33.42	6.90	34.48
PK	5.7264G	61.57	68.20	-6.63	6.02	3	Vertical	10	1.04	-	55.55	33.61	6.90	34.49

802.11a_Nss1,(6Mbps)_2TX

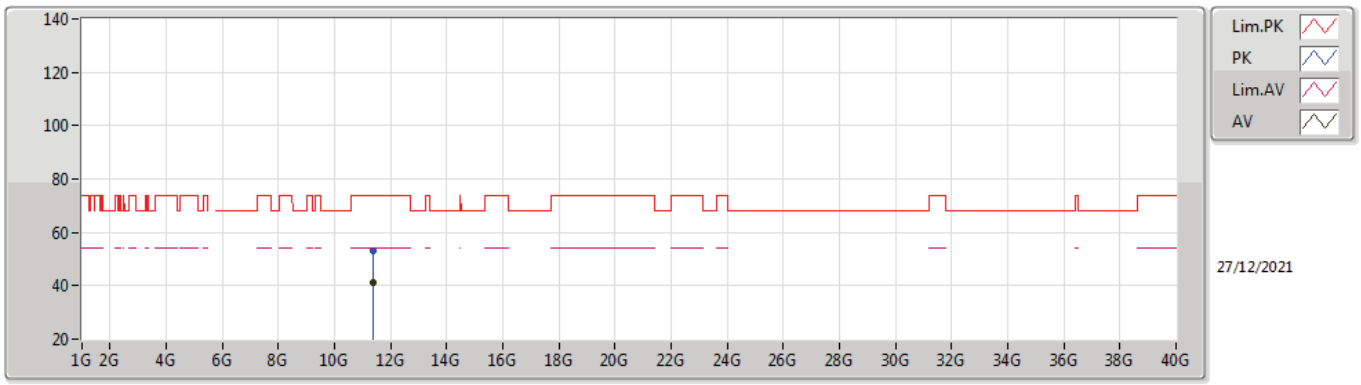
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7052G	98.03	Inf	-Inf	5.86	3	Horizontal	310	2.33	-	92.17	33.44	6.90	34.48
PK	5.7044G	106.17	Inf	-Inf	5.86	3	Horizontal	310	2.33	-	100.31	33.44	6.90	34.48
PK	5.7256G	64.98	68.20	-3.22	6.01	3	Horizontal	310	2.33	-	58.97	33.60	6.90	34.49

802.11a_Nss1,(6Mbps)_2TX

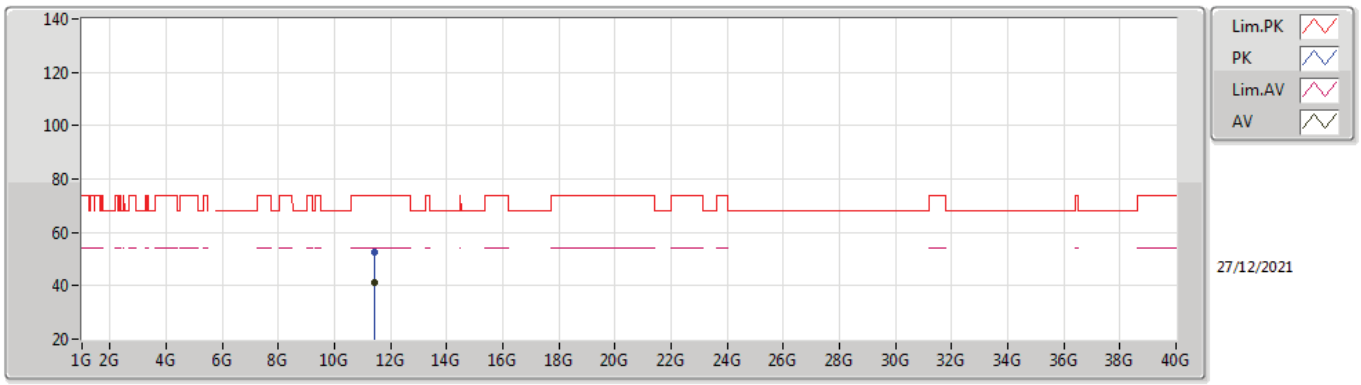
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4003G	41.28	54.00	-12.72	14.86	3	Vertical	285	2.16	-	26.42	39.00	9.88	34.02
PK	11.3891G	53.06	74.00	-20.94	14.86	3	Vertical	285	2.16	-	38.20	39.02	9.87	34.03

802.11a_Nss1,(6Mbps)_2TX

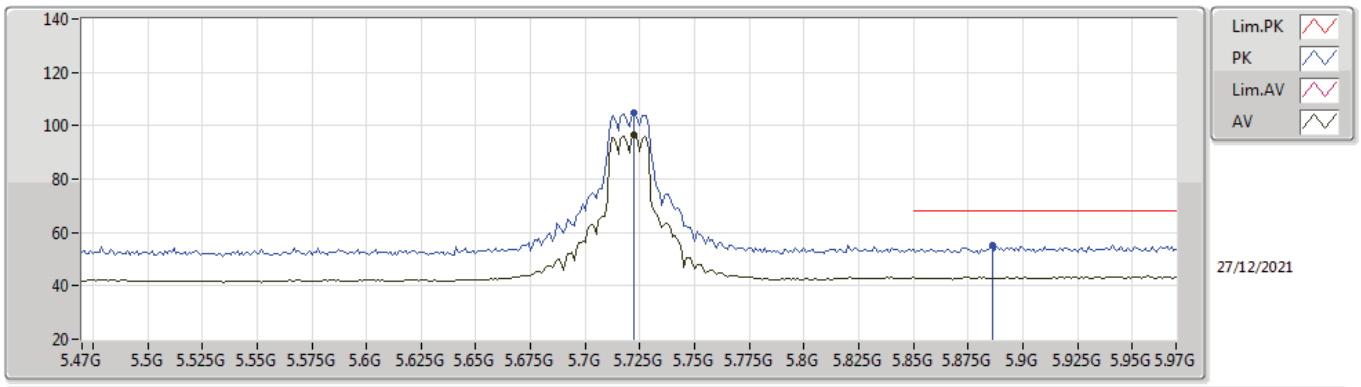
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4024G	41.27	54.00	-12.73	14.86	3	Horizontal	85	1.63	-	26.41	39.00	9.88	34.02
PK	11.4104G	52.71	74.00	-21.29	14.87	3	Horizontal	85	1.63	-	37.84	39.00	9.88	34.01

802.11a_Nss1,(6Mbps)_2TX

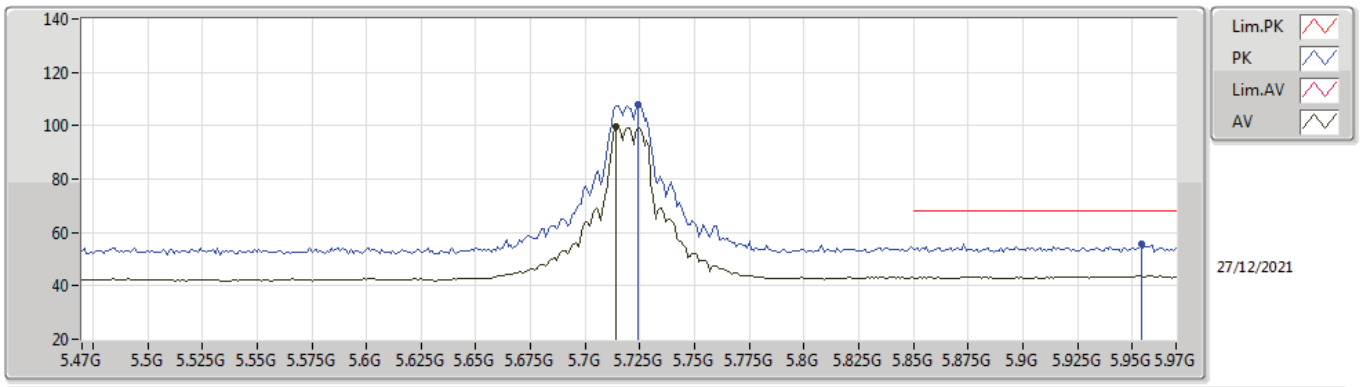
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.722G	96.61	Inf	-Inf	5.99	3	Vertical	8	1.09	-	90.62	33.58	6.90	34.49
PK	5.722G	105.07	Inf	-Inf	5.99	3	Vertical	8	1.09	-	99.08	33.58	6.90	34.49
PK	5.886G	55.09	68.20	-13.11	6.63	3	Vertical	8	1.09	-	48.46	34.13	7.01	34.51

802.11a_Nss1,(6Mbps)_2TX

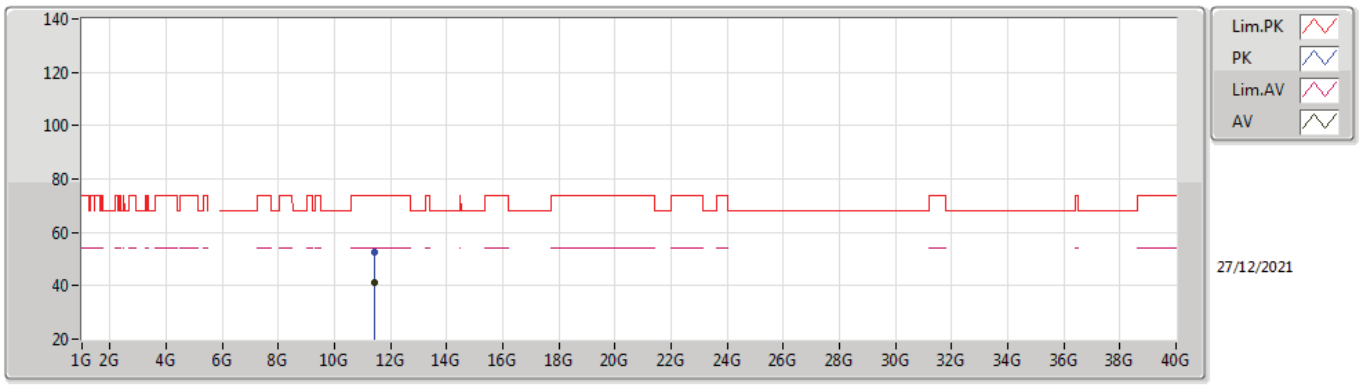
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.714G	99.55	Inf	-Inf	5.92	3	Horizontal	315	2.29	-	93.63	33.51	6.90	34.49
PK	5.724G	107.93	Inf	-Inf	6.00	3	Horizontal	315	2.29	-	101.93	33.59	6.90	34.49
PK	5.954G	55.90	68.20	-12.30	6.94	3	Horizontal	315	2.29	-	48.96	34.38	7.07	34.51

802.11a_Nss1,(6Mbps)_2TX

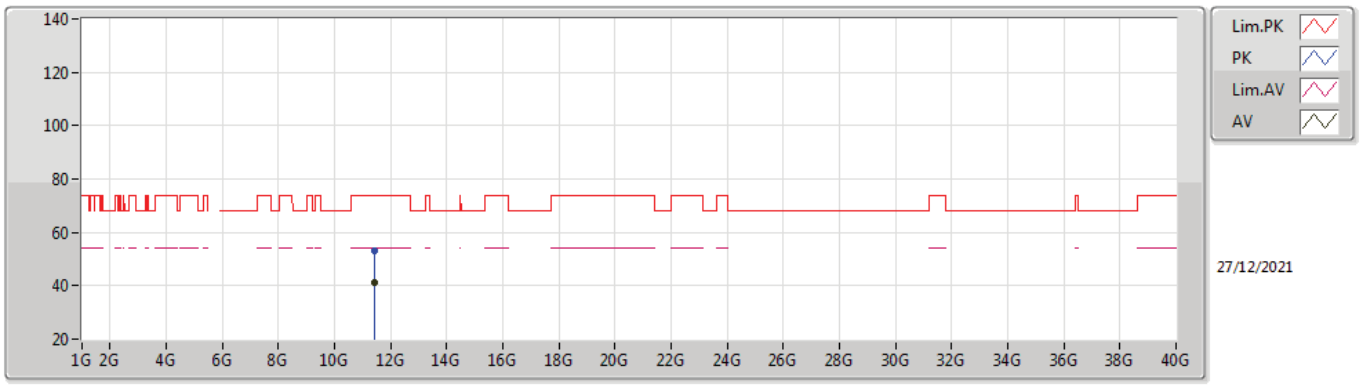
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4192G	41.11	54.00	-12.89	14.87	3	Vertical	180	2.20	-	26.24	39.00	9.88	34.01
PK	11.4224G	52.82	74.00	-21.18	14.88	3	Vertical	180	2.20	-	37.94	39.00	9.88	34.00

802.11a_Nss1,(6Mbps)_2TX

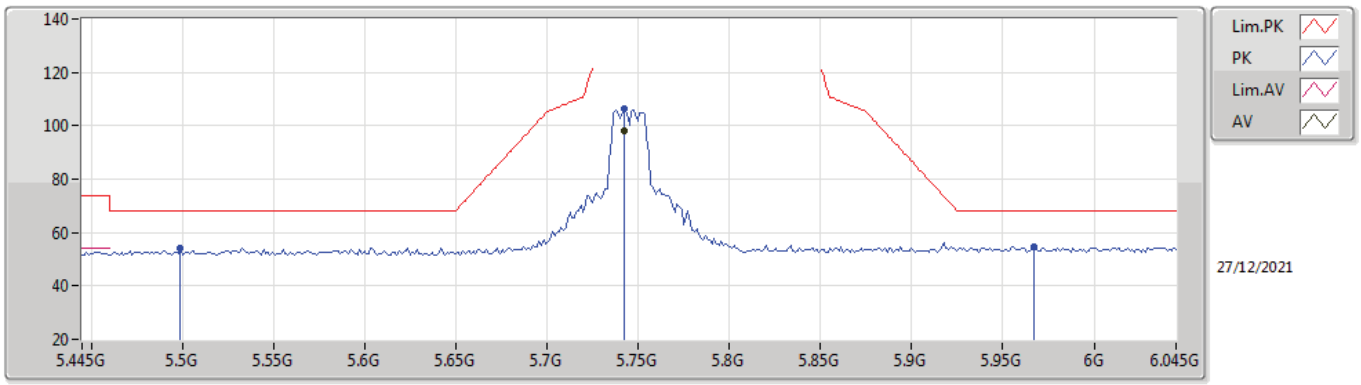
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4192G	41.21	54.00	-12.79	14.87	3	Horizontal	245	1.50	-	26.34	39.00	9.88	34.01
PK	11.4171G	53.02	74.00	-20.98	14.87	3	Horizontal	245	1.50	-	38.15	39.00	9.88	34.01

802.11a_Nss1,(6Mbps)_2TX

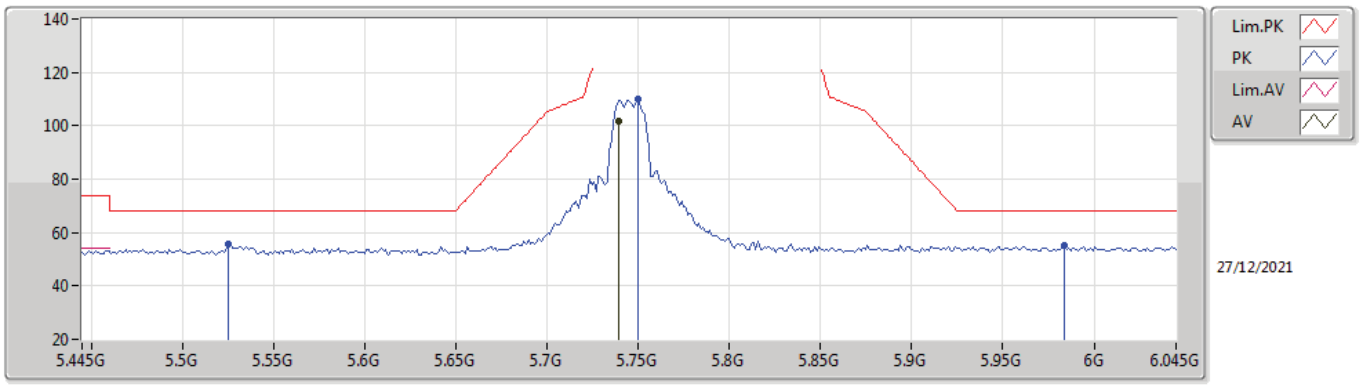
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	98.07	Inf	-Inf	6.16	3	Vertical	9	1.06	-	91.91	33.74	6.91	34.49
PK	5.499G	54.24	68.20	-13.96	5.55	3	Vertical	9	1.06	-	48.69	33.20	6.81	34.46
PK	5.7426G	106.38	Inf	-Inf	6.16	3	Vertical	9	1.06	-	100.22	33.74	6.91	34.49
PK	5.967G	54.62	68.20	-13.58	6.89	3	Vertical	9	1.06	-	47.73	34.33	7.08	34.52

802.11a_Nss1,(6Mbps)_2TX

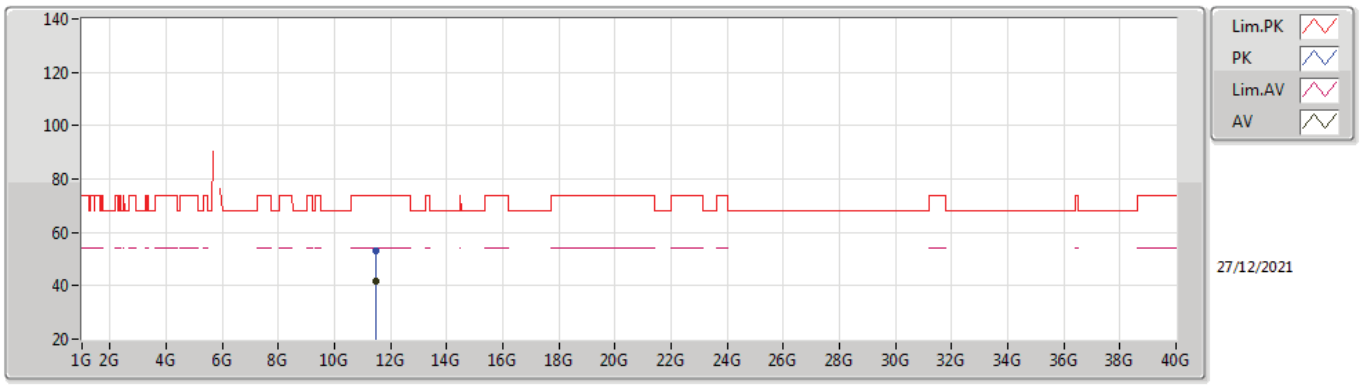
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.739G	101.48	Inf	-Inf	6.13	3	Horizontal	311	2.24	-	95.35	33.71	6.91	34.49
PK	5.5254G	55.68	68.20	-12.52	5.46	3	Horizontal	311	2.24	-	50.22	33.10	6.82	34.46
PK	5.7498G	110.10	Inf	-Inf	6.22	3	Horizontal	311	2.24	-	103.88	33.80	6.91	34.49
PK	5.9838G	54.99	68.20	-13.21	6.84	3	Horizontal	311	2.24	-	48.15	34.26	7.10	34.52

802.11a_Nss1,(6Mbps)_2TX

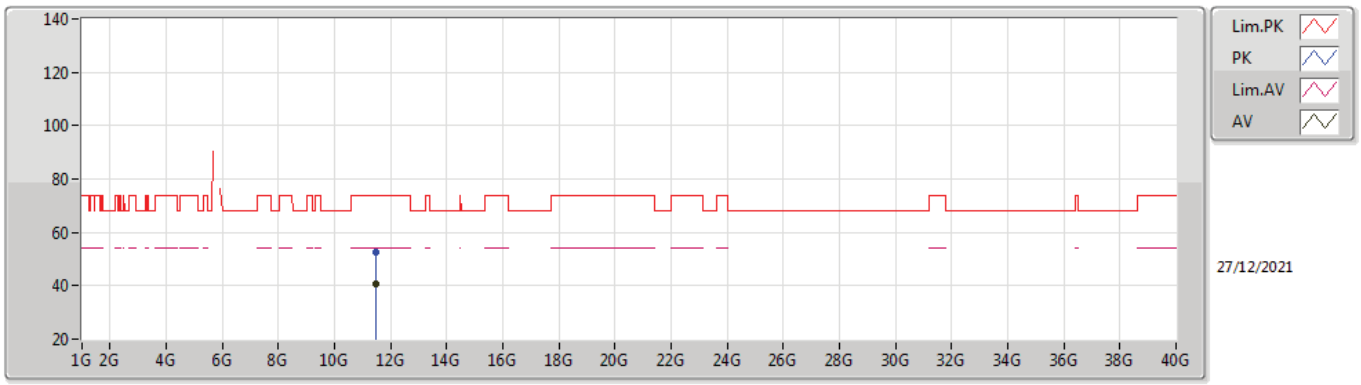
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4898G	41.68	54.00	-12.32	14.95	3	Vertical	51	1.84	-	26.73	39.00	9.91	33.96
PK	11.4893G	53.29	74.00	-20.71	14.95	3	Vertical	51	1.84	-	38.34	39.00	9.91	33.96

802.11a_Nss1,(6Mbps)_2TX

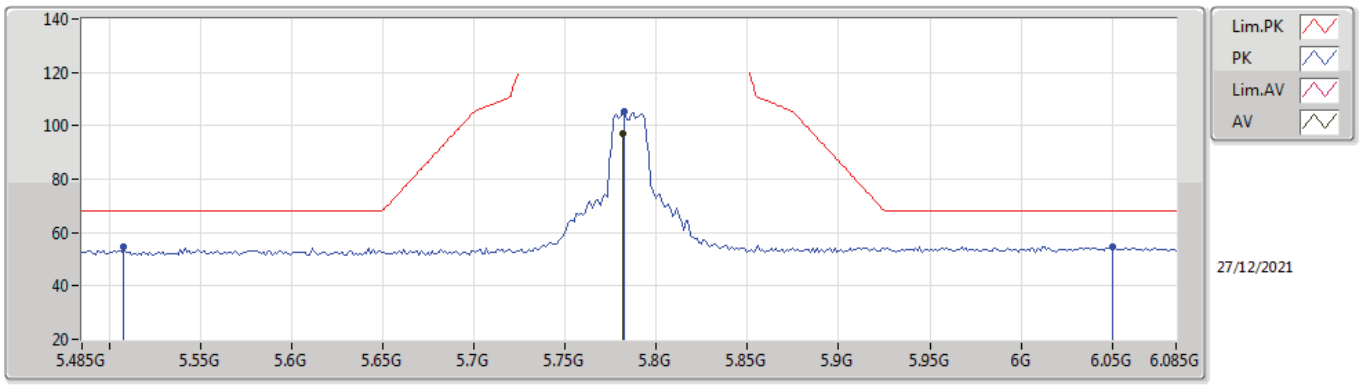
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4954G	40.50	54.00	-13.50	14.96	3	Horizontal	87	1.50	-	25.54	39.00	9.91	33.95
PK	11.4853G	52.49	74.00	-21.51	14.95	3	Horizontal	87	1.50	-	37.54	39.00	9.91	33.96

802.11a_Nss1,(6Mbps)_2TX

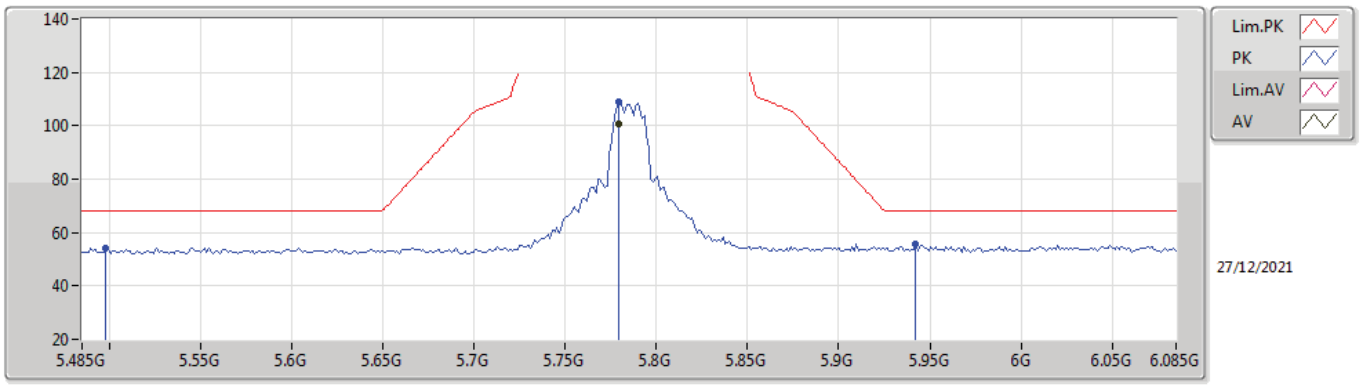
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7814G	97.02	Inf	-Inf	6.29	3	Vertical	0	1.01	-	90.73	33.86	6.92	34.49
PK	5.5078G	54.51	68.20	-13.69	5.52	3	Vertical	0	1.01	-	48.99	33.17	6.81	34.46
PK	5.7826G	105.32	Inf	-Inf	6.30	3	Vertical	0	1.01	-	99.02	33.87	6.92	34.49
PK	6.0502G	54.63	68.20	-13.57	7.00	3	Vertical	0	1.01	-	47.63	34.40	7.13	34.53

802.11a_Nss1,(6Mbps)_2TX

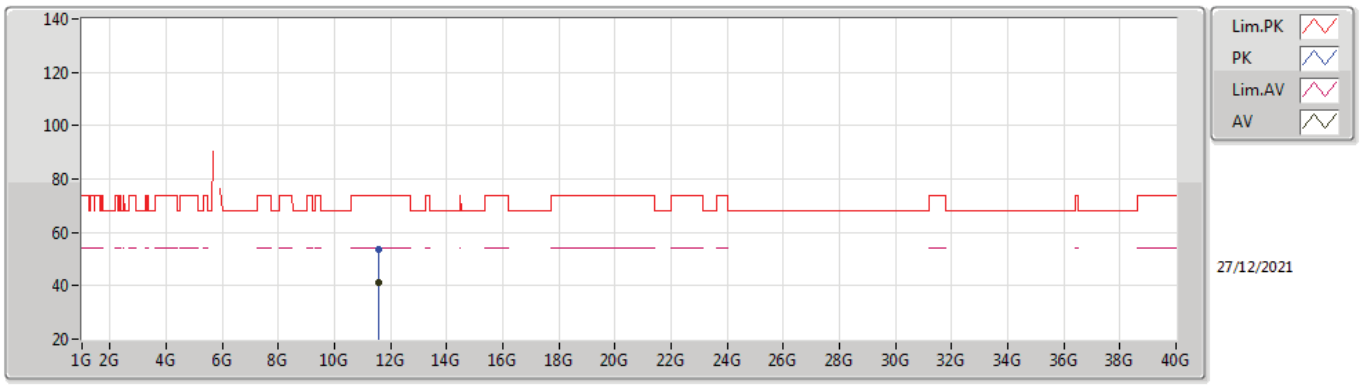
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.779G	100.64	Inf	-Inf	6.29	3	Horizontal	311	2.22	-	94.35	33.86	6.92	34.49
PK	5.4982G	54.23	68.20	-13.97	5.55	3	Horizontal	311	2.22	-	48.68	33.20	6.81	34.46
PK	5.779G	108.73	Inf	-Inf	6.29	3	Horizontal	311	2.22	-	102.44	33.86	6.92	34.49
PK	5.9422G	55.74	68.20	-12.46	6.90	3	Horizontal	311	2.22	-	48.84	34.35	7.06	34.51

802.11a_Nss1,(6Mbps)_2TX

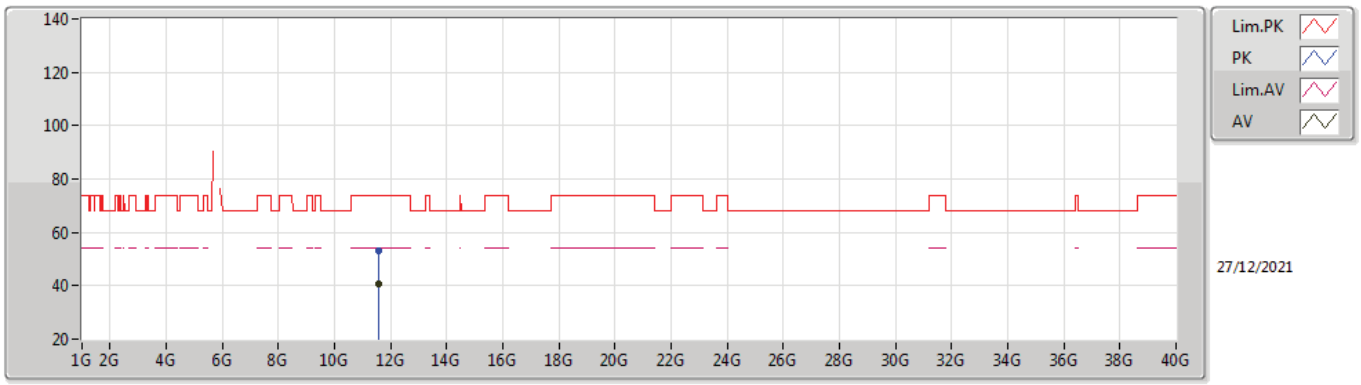
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5701G	41.22	54.00	-12.78	14.88	3	Vertical	47	1.89	-	26.34	38.93	9.94	33.99
PK	11.5876G	53.79	74.00	-20.21	14.85	3	Vertical	47	1.89	-	38.94	38.91	9.94	34.00

802.11a_Nss1,(6Mbps)_2TX

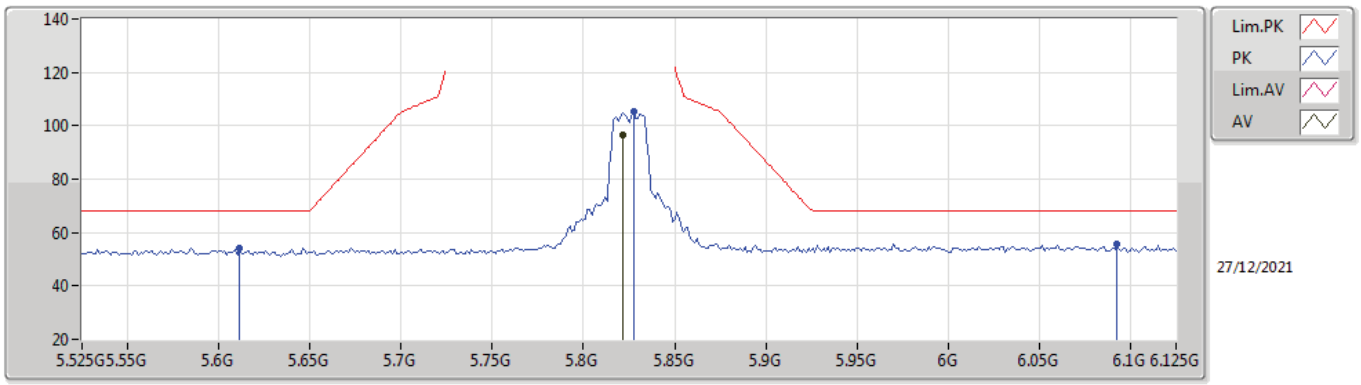
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5928G	40.78	54.00	-13.22	14.85	3	Horizontal	213	1.50	-	25.93	38.91	9.95	34.01
PK	11.5937G	52.99	74.00	-21.01	14.85	3	Horizontal	213	1.50	-	38.14	38.91	9.95	34.01

802.11a_Nss1,(6Mbps)_2TX

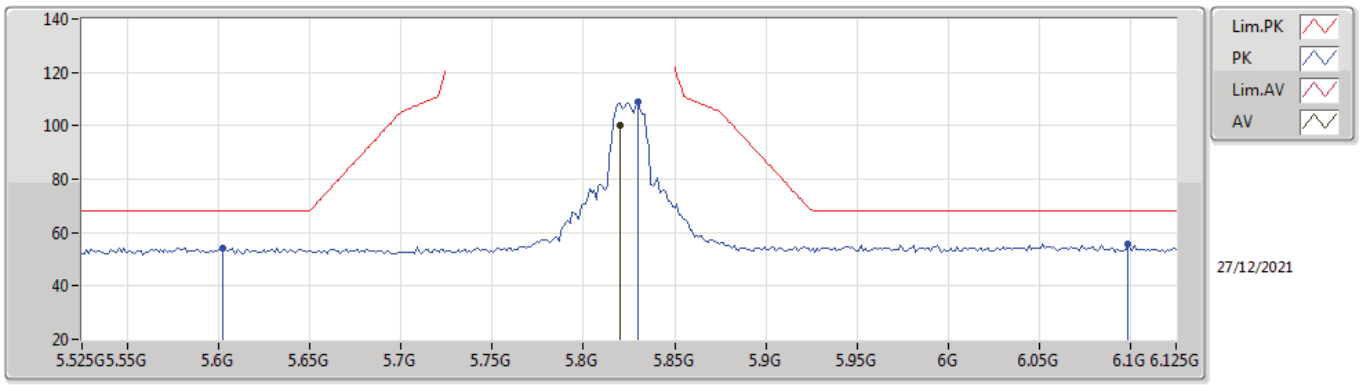
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8214G	96.43	Inf	-Inf	6.48	3	Vertical	1	1.05	-	89.95	34.03	6.95	34.50
PK	5.6114G	54.24	68.20	-13.96	5.61	3	Vertical	1	1.05	-	48.63	33.22	6.86	34.47
PK	5.8274G	105.52	Inf	-Inf	6.51	3	Vertical	1	1.05	-	99.01	34.06	6.95	34.50
PK	6.0926G	55.54	68.20	-12.66	6.83	3	Vertical	1	1.05	-	48.71	34.23	7.14	34.54

802.11a_Nss1,(6Mbps)_2TX

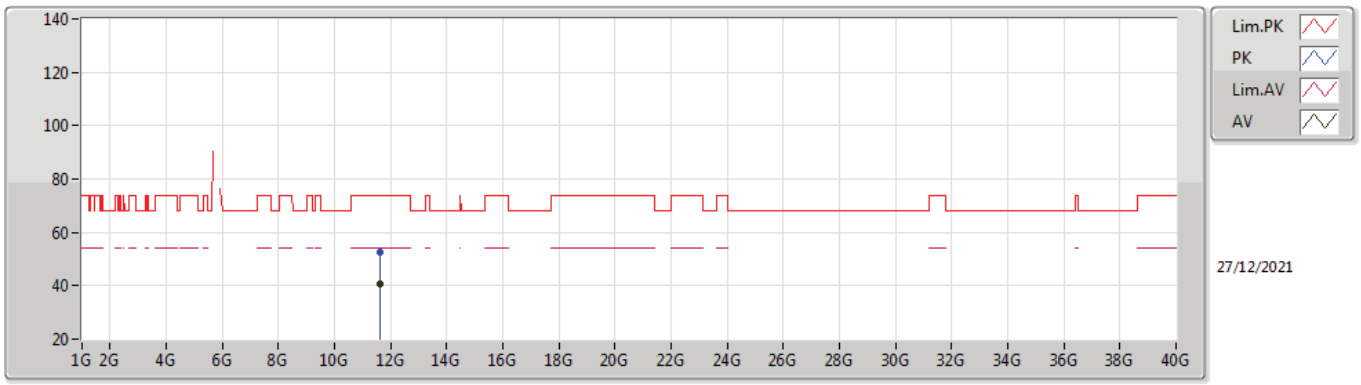
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8202G	100.23	Inf	-Inf	6.47	3	Horizontal	310	2.11	-	93.76	34.02	6.95	34.50
PK	5.6018G	54.30	68.20	-13.90	5.59	3	Horizontal	310	2.11	-	48.71	33.20	6.86	34.47
PK	5.8298G	108.82	Inf	-Inf	6.54	3	Horizontal	310	2.11	-	102.28	34.08	6.96	34.50
PK	6.0986G	55.60	68.20	-12.60	6.81	3	Horizontal	310	2.11	-	48.79	34.21	7.14	34.54

802.11a_Nss1,(6Mbps)_2TX

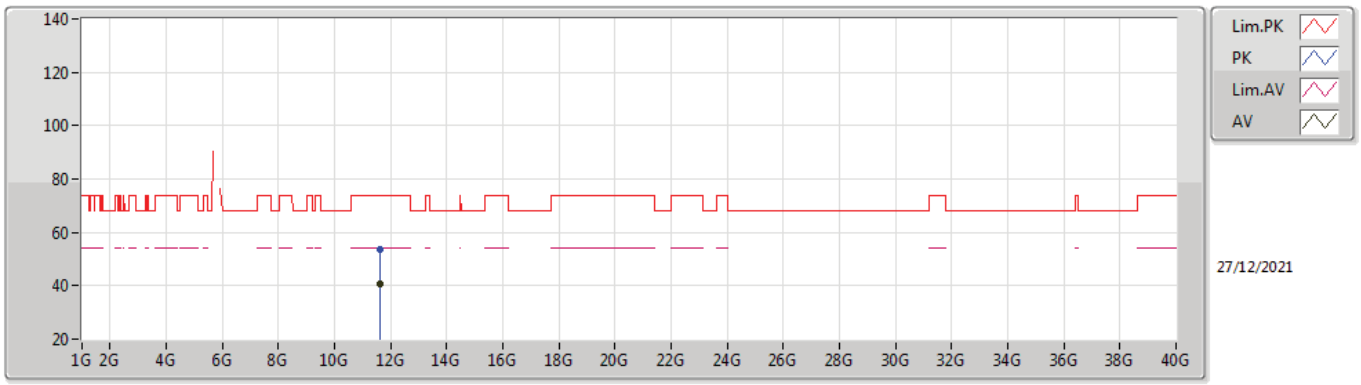
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6257G	40.92	54.00	-13.08	14.80	3	Vertical	115	1.50	-	26.12	38.87	9.96	34.03
PK	11.6297G	52.83	74.00	-21.17	14.80	3	Vertical	115	1.50	-	38.03	38.87	9.96	34.03

802.11a_Nss1,(6Mbps)_2TX

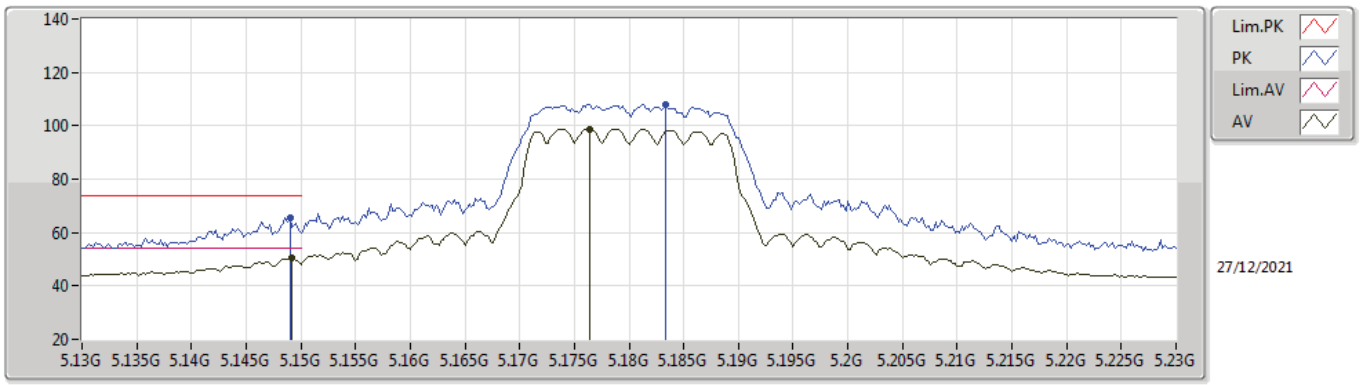
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.625G	40.92	54.00	-13.08	14.80	3	Horizontal	267	1.50	-	26.12	38.87	9.96	34.03
PK	11.6306G	53.72	74.00	-20.28	14.80	3	Horizontal	267	1.50	-	38.92	38.87	9.96	34.03

802.11ac VHT20_Nss1,(MCS0)_2TX

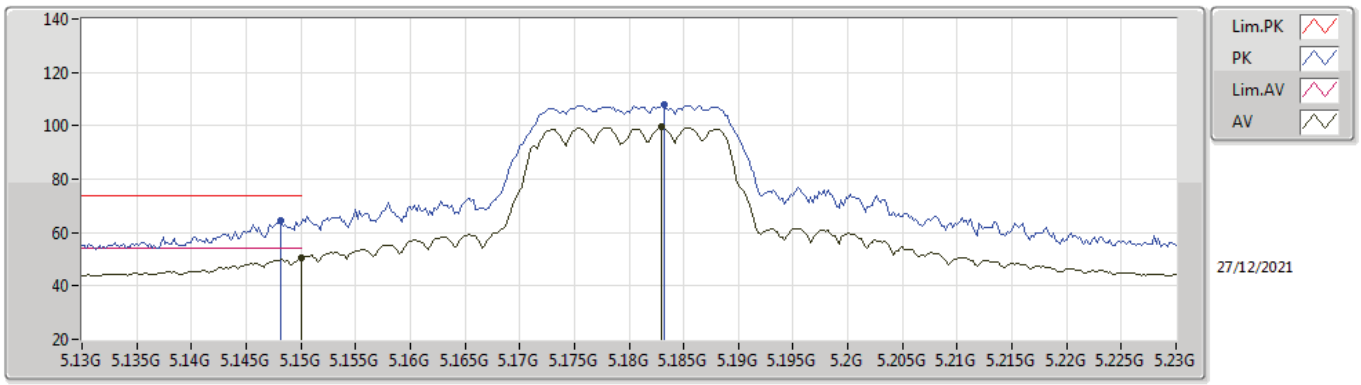
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	50.27	54.00	-3.73	5.15	3	Vertical	316	2.30	-	45.12	33.10	6.49	34.44
AV	5.1764G	98.86	Inf	-Inf	5.12	3	Vertical	316	2.30	-	93.74	33.05	6.51	34.44
PK	5.149G	65.65	74.00	-8.35	5.15	3	Vertical	316	2.30	-	60.50	33.10	6.49	34.44
PK	5.1834G	107.84	Inf	-Inf	5.11	3	Vertical	316	2.30	-	102.73	33.03	6.52	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

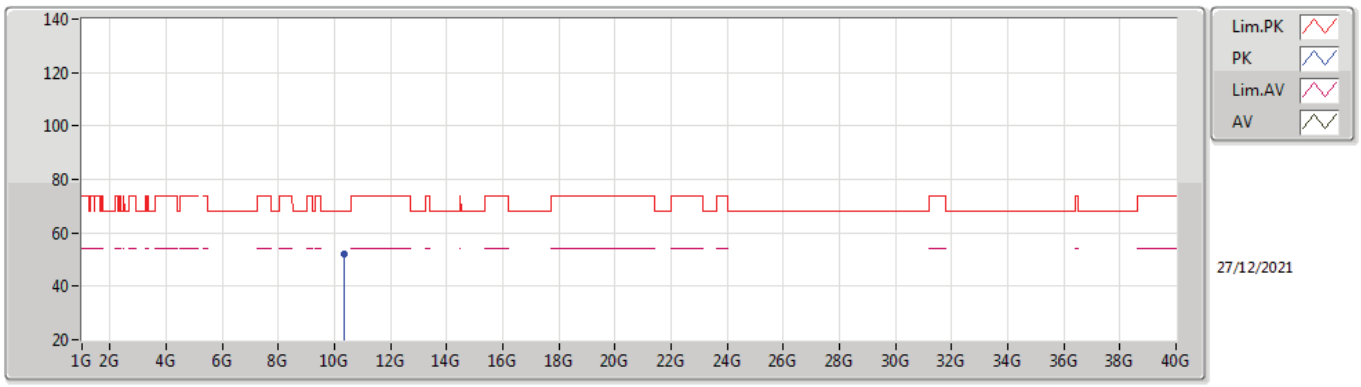
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	50.73	54.00	-3.27	5.15	3	Horizontal	179	1.35	-	45.58	33.10	6.49	34.44
AV	5.183G	99.50	Inf	-Inf	5.11	3	Horizontal	179	1.35	-	94.39	33.03	6.52	34.44
PK	5.1482G	64.29	74.00	-9.71	5.15	3	Horizontal	179	1.35	-	59.14	33.10	6.49	34.44
PK	5.1832G	107.75	Inf	-Inf	5.11	3	Horizontal	179	1.35	-	102.64	33.03	6.52	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

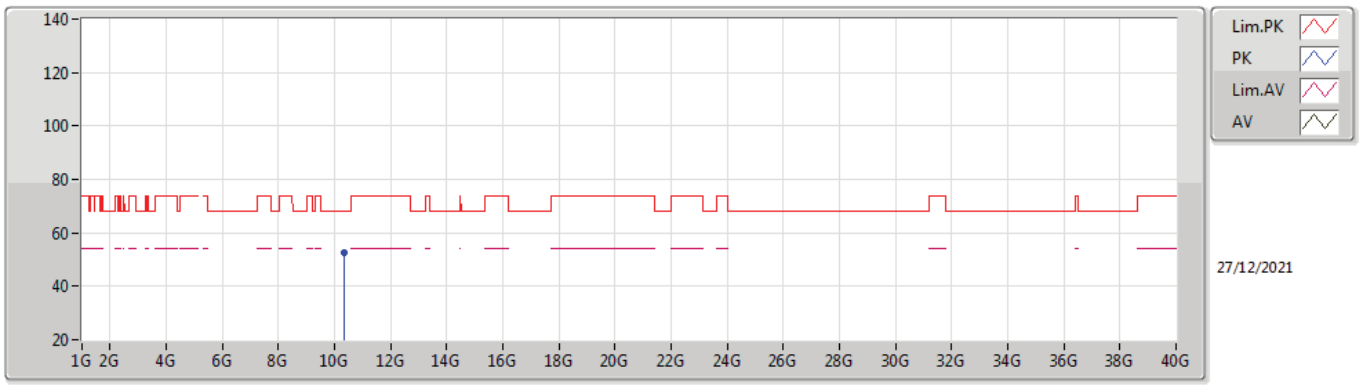
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3532G	52.13	68.20	-16.07	13.45	3	Vertical	5	2.19	-	38.68	38.65	9.51	34.71

802.11ac VHT20_Nss1,(MCS0)_2TX

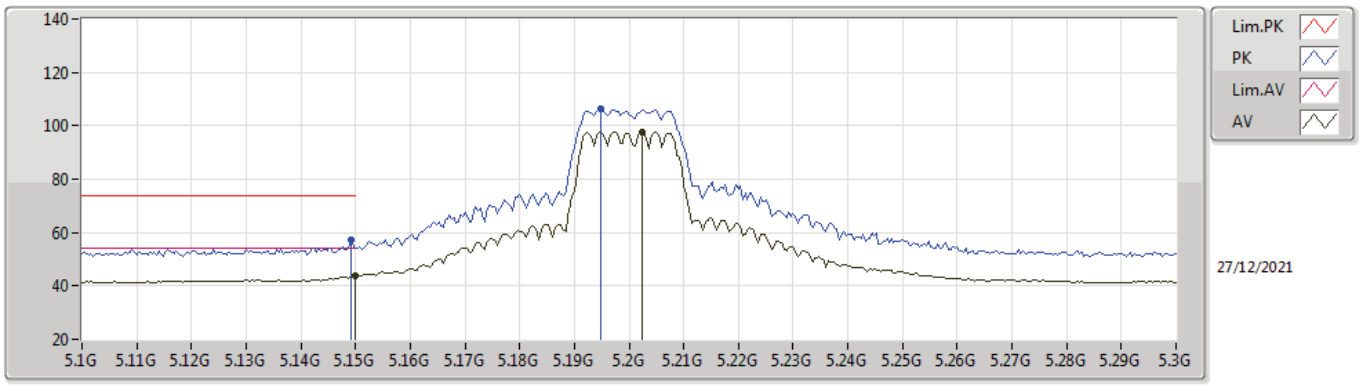
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3384G	52.42	68.20	-15.78	13.41	3	Horizontal	71	2.44	-	39.01	38.64	9.50	34.73

802.11ac VHT20_Nss1,(MCS0)_2TX

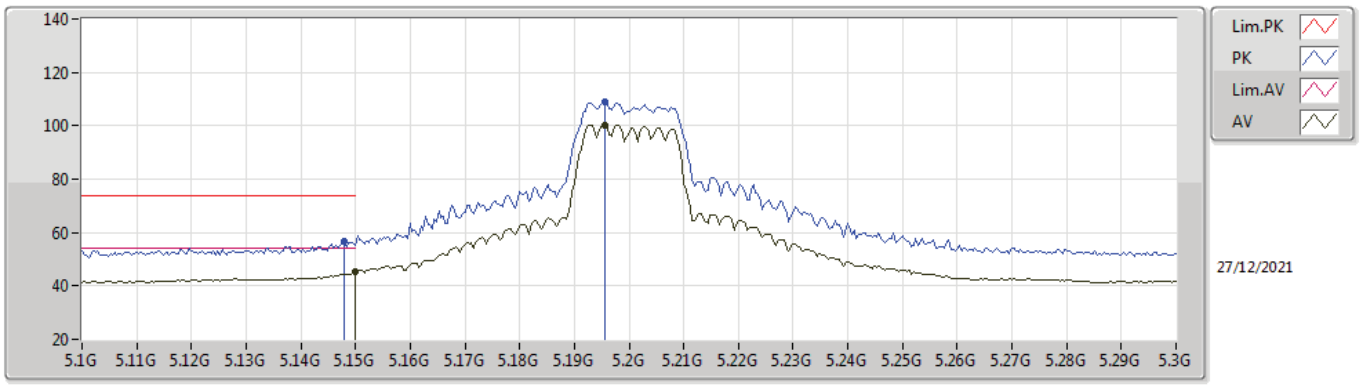
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	44.01	54.00	-9.99	5.15	3	Vertical	360	1.03	-	38.86	33.10	6.49	34.44
AV	5.2024G	97.66	Inf	-Inf	5.09	3	Vertical	360	1.03	-	92.57	33.00	6.53	34.44
PK	5.1492G	57.20	74.00	-16.80	5.15	3	Vertical	360	1.03	-	52.05	33.10	6.49	34.44
PK	5.1948G	106.35	Inf	-Inf	5.10	3	Vertical	360	1.03	-	101.25	33.01	6.53	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

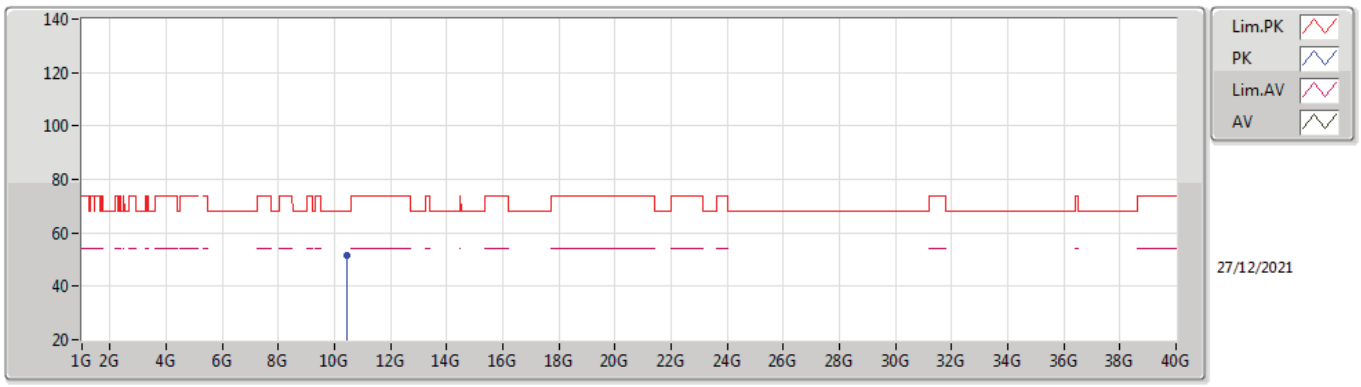
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	45.31	54.00	-8.69	5.15	3	Horizontal	189	1.37	-	40.16	33.10	6.49	34.44
AV	5.1956G	100.29	Inf	-Inf	5.10	3	Horizontal	189	1.37	-	95.19	33.01	6.53	34.44
PK	5.148G	56.71	74.00	-17.29	5.15	3	Horizontal	189	1.37	-	51.56	33.10	6.49	34.44
PK	5.1956G	108.85	Inf	-Inf	5.10	3	Horizontal	189	1.37	-	103.75	33.01	6.53	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

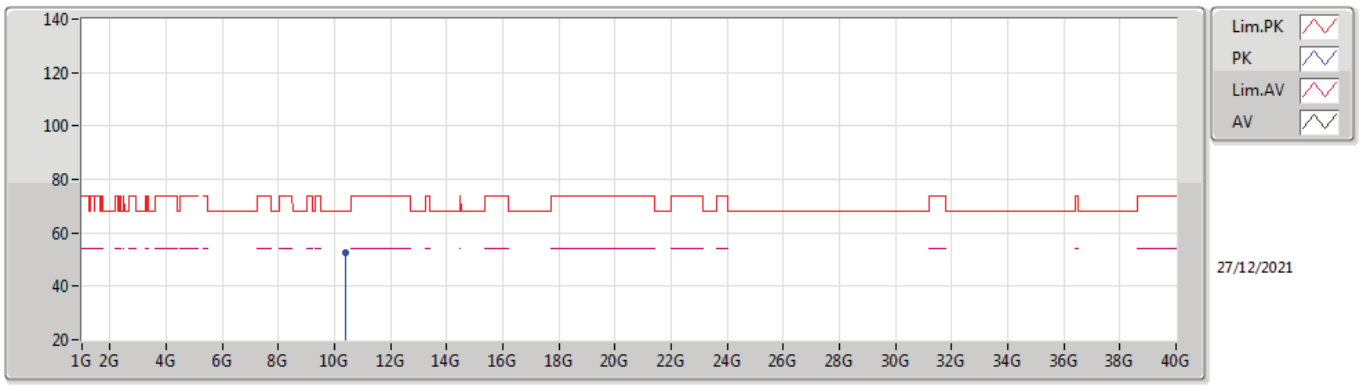
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.424G	51.44	68.20	-16.76	13.61	3	Vertical	347	2.54	-	37.83	38.68	9.53	34.60

802.11ac VHT20_Nss1,(MCS0)_2TX

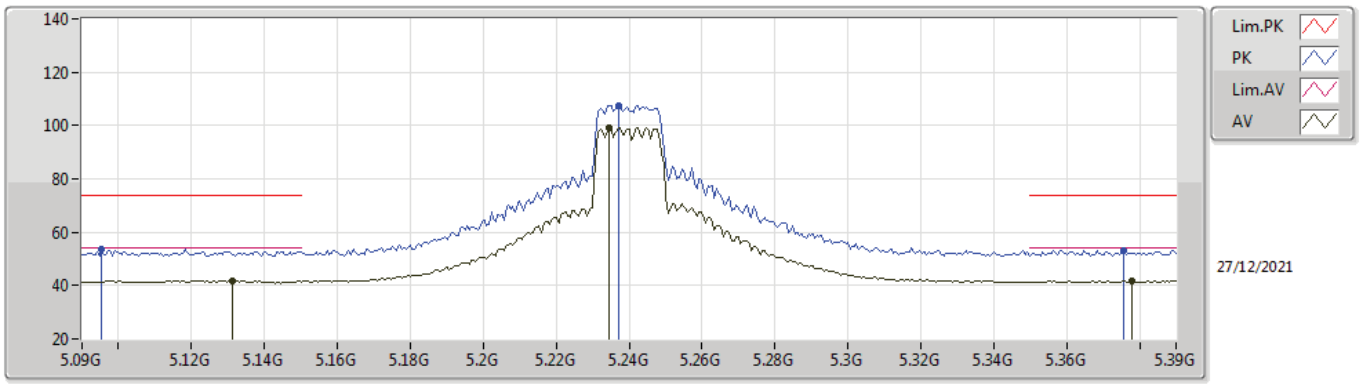
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3952G	52.52	68.20	-15.68	13.58	3	Horizontal	72	2.62	-	38.94	38.70	9.52	34.64

802.11ac VHT20_Nss1,(MCS0)_2TX

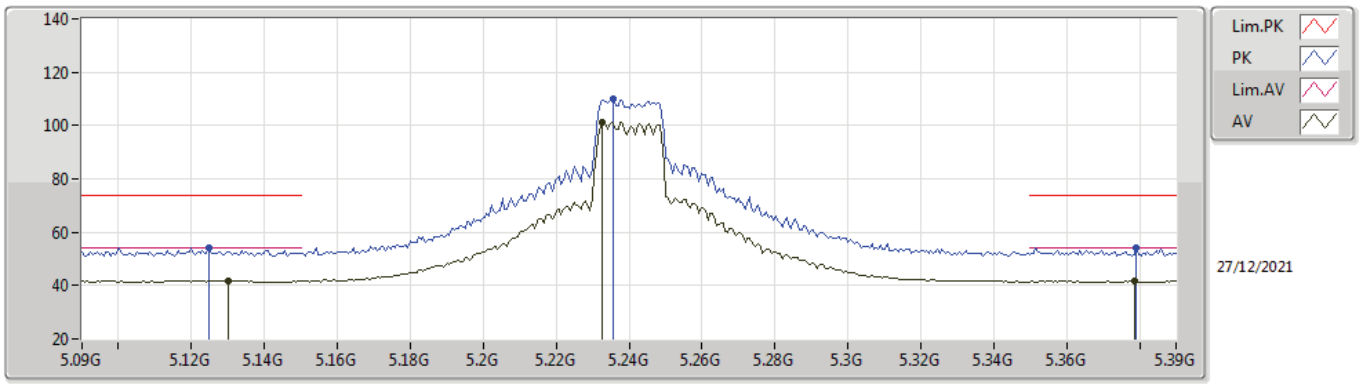
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1314G	41.96	54.00	-12.04	5.18	3	Vertical	360	1.00	-	36.78	33.14	6.48	34.44
AV	5.2346G	99.24	Inf	-Inf	5.06	3	Vertical	360	1.00	-	94.18	32.93	6.57	34.44
AV	5.378G	41.69	54.00	-12.31	5.24	3	Vertical	360	1.00	-	36.45	32.96	6.73	34.45
PK	5.0954G	53.56	74.00	-20.44	5.19	3	Vertical	360	1.00	-	48.37	33.18	6.45	34.44
PK	5.237G	107.66	Inf	-Inf	5.06	3	Vertical	360	1.00	-	102.60	32.93	6.57	34.44
PK	5.3756G	53.16	74.00	-20.84	5.23	3	Vertical	360	1.00	-	47.93	32.95	6.73	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

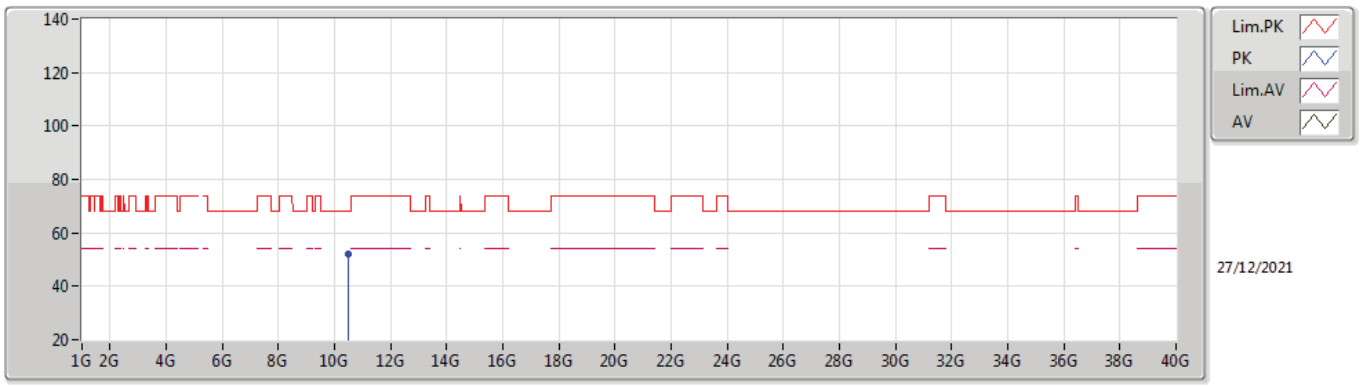
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1302G	41.86	54.00	-12.14	5.18	3	Horizontal	189	1.01	-	36.68	33.14	6.48	34.44
AV	5.2328G	101.46	Inf	-Inf	5.06	3	Horizontal	189	1.01	-	96.40	32.93	6.57	34.44
AV	5.3786G	41.78	54.00	-12.22	5.25	3	Horizontal	189	1.01	-	36.53	32.96	6.74	34.45
PK	5.1248G	54.37	74.00	-19.63	5.18	3	Horizontal	189	1.01	-	49.19	33.15	6.47	34.44
PK	5.2358G	109.94	Inf	-Inf	5.06	3	Horizontal	189	1.01	-	104.88	32.93	6.57	34.44
PK	5.3792G	54.20	74.00	-19.80	5.25	3	Horizontal	189	1.01	-	48.95	32.96	6.74	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

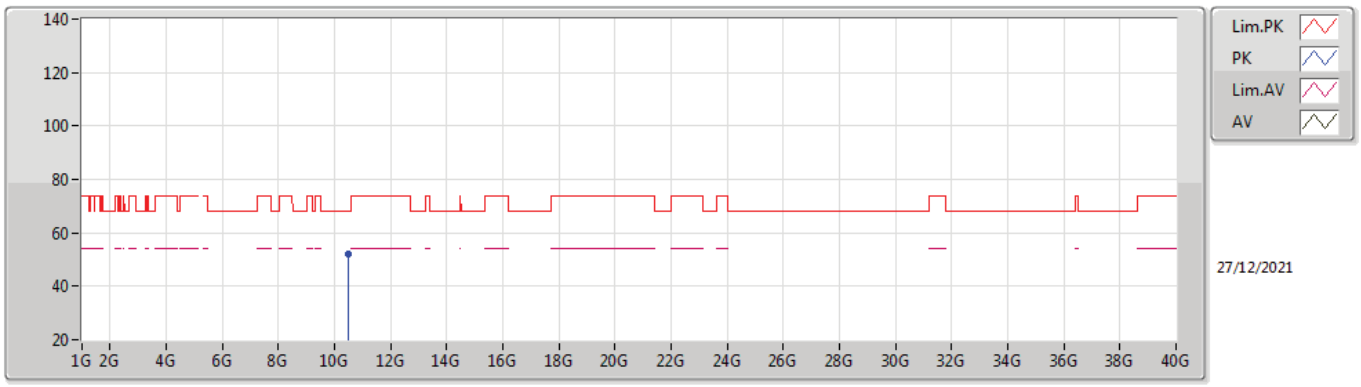
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4701G	52.03	68.20	-16.17	13.65	3	Vertical	60	1.66	-	38.38	38.63	9.55	34.53

802.11ac VHT20_Nss1,(MCS0)_2TX

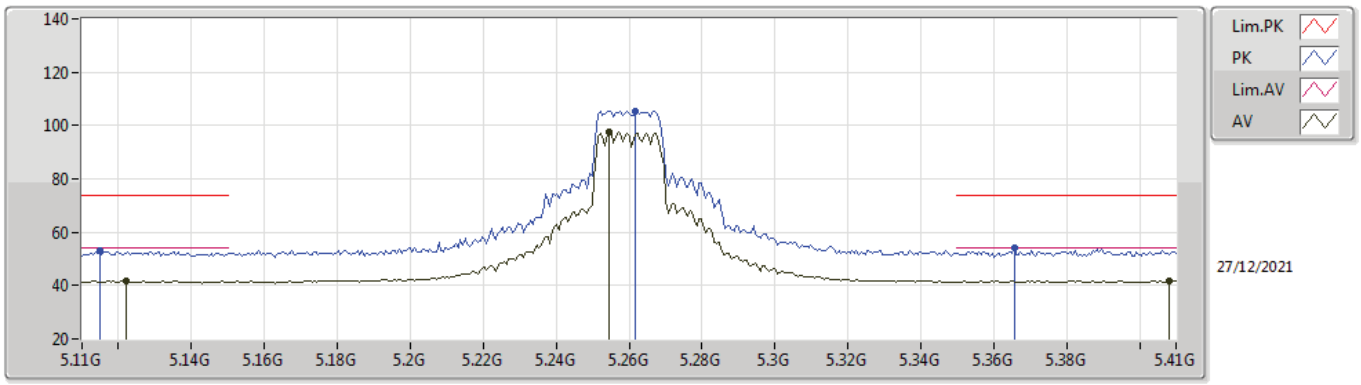
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4803G	52.13	68.20	-16.07	13.66	3	Horizontal	275	1.51	-	38.47	38.62	9.55	34.51

802.11ac VHT20_Nss1,(MCS0)_2TX

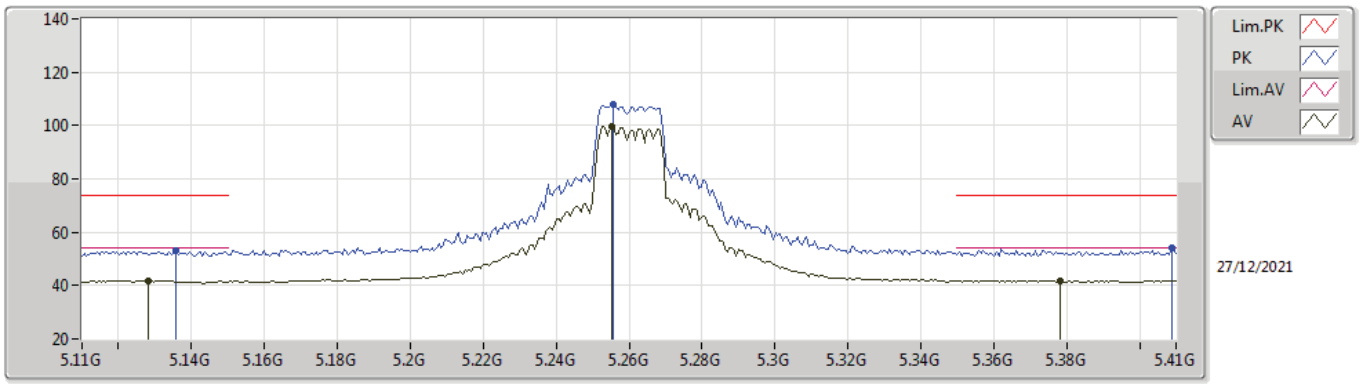
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.122G	41.57	54.00	-12.43	5.19	3	Vertical	0	1.01	-	36.38	33.16	6.47	34.44
AV	5.2546G	97.41	Inf	-Inf	5.06	3	Vertical	0	1.01	-	92.35	32.92	6.59	34.45
AV	5.4082G	41.80	54.00	-12.20	5.33	3	Vertical	0	1.01	-	36.47	33.02	6.76	34.45
PK	5.1148G	53.16	74.00	-20.84	5.20	3	Vertical	0	1.01	-	47.96	33.17	6.47	34.44
PK	5.2618G	105.59	Inf	-Inf	5.10	3	Vertical	0	1.01	-	100.49	32.95	6.60	34.45
PK	5.3656G	54.07	74.00	-19.93	5.20	3	Vertical	0	1.01	-	48.87	32.93	6.72	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

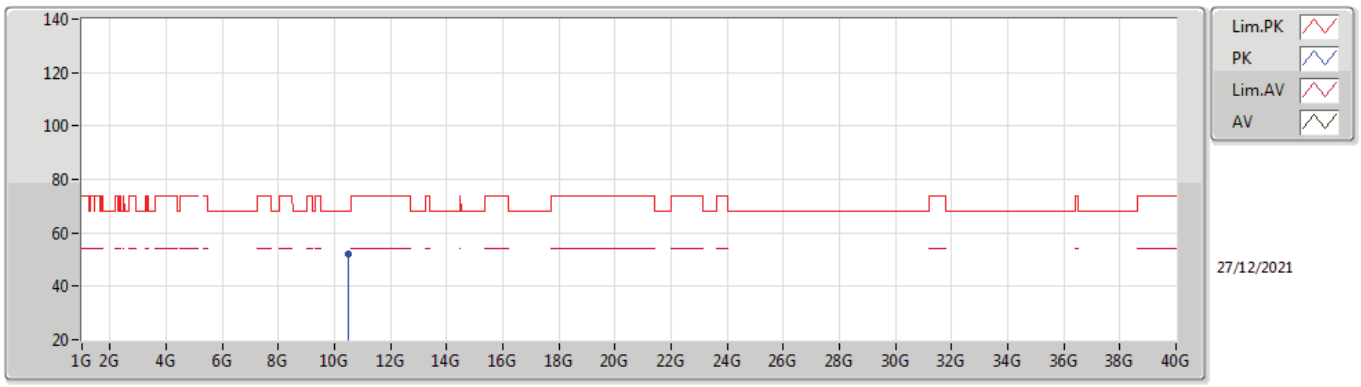
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.128G	41.82	54.00	-12.18	5.18	3	Horizontal	178	1.31	-	36.64	33.14	6.48	34.44
AV	5.2552G	99.57	Inf	-Inf	5.06	3	Horizontal	178	1.31	-	94.51	32.92	6.59	34.45
AV	5.3782G	41.93	54.00	-12.07	5.24	3	Horizontal	178	1.31	-	36.69	32.96	6.73	34.45
PK	5.1358G	52.97	74.00	-21.03	5.17	3	Horizontal	178	1.31	-	47.80	33.13	6.48	34.44
PK	5.2558G	107.91	Inf	-Inf	5.06	3	Horizontal	178	1.31	-	102.85	32.92	6.59	34.45
PK	5.4088G	53.98	74.00	-20.02	5.33	3	Horizontal	178	1.31	-	48.65	33.02	6.76	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

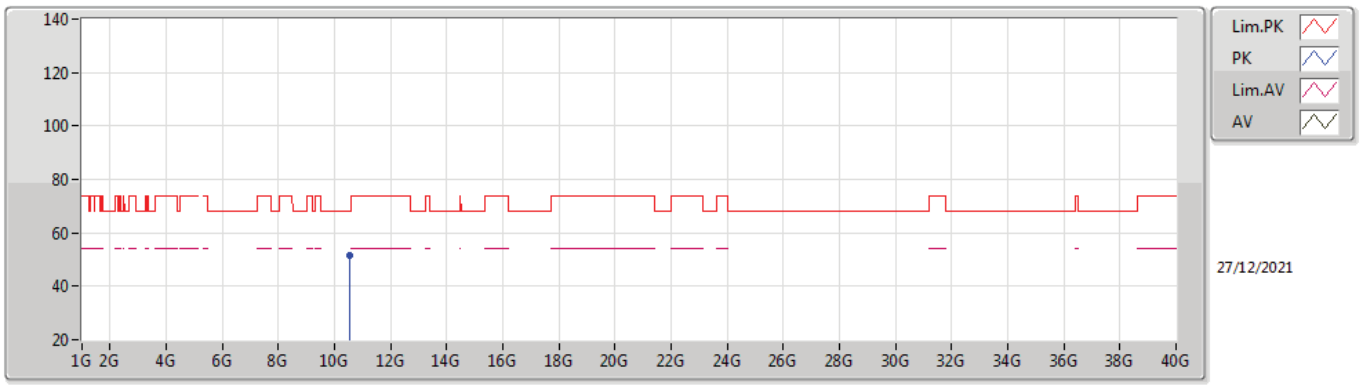
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5151G	51.98	68.20	-16.22	13.77	3	Vertical	82	1.91	-	38.21	38.68	9.56	34.47

802.11ac VHT20_Nss1,(MCS0)_2TX

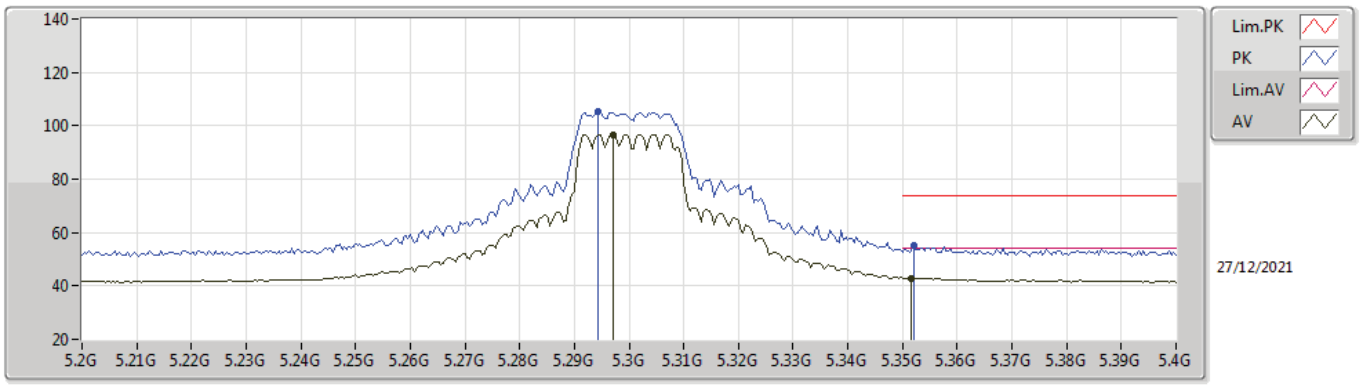
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5173G	51.66	68.20	-16.54	13.78	3	Horizontal	96	1.04	-	37.88	38.69	9.56	34.47

802.11ac VHT20_Nss1,(MCS0)_2TX

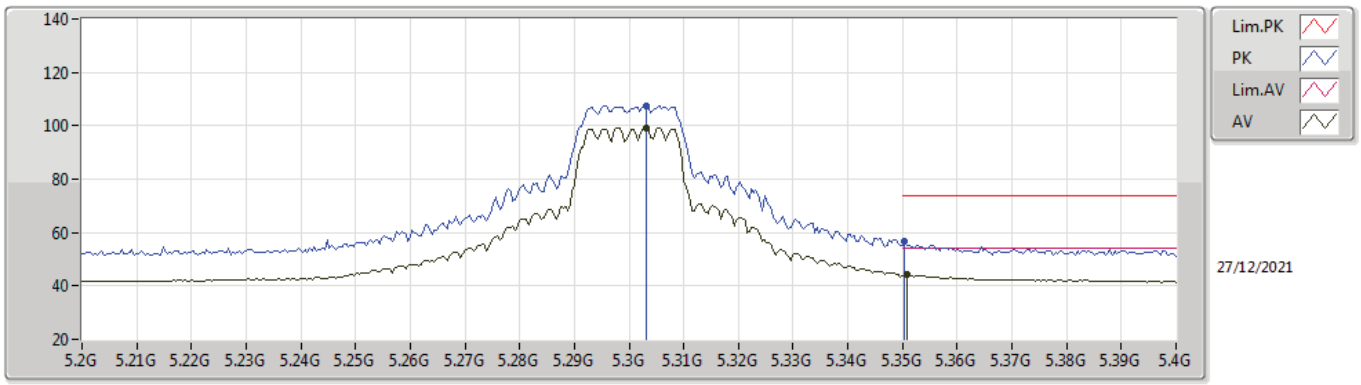
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2972G	96.72	Inf	-Inf	5.28	3	Vertical	0	1.00	-	91.44	33.09	6.64	34.45
AV	5.3516G	42.88	54.00	-11.12	5.15	3	Vertical	0	1.00	-	37.73	32.90	6.70	34.45
PK	5.2944G	105.35	Inf	-Inf	5.27	3	Vertical	0	1.00	-	100.08	33.08	6.64	34.45
PK	5.352G	55.09	74.00	-18.91	5.15	3	Vertical	0	1.00	-	49.94	32.90	6.70	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

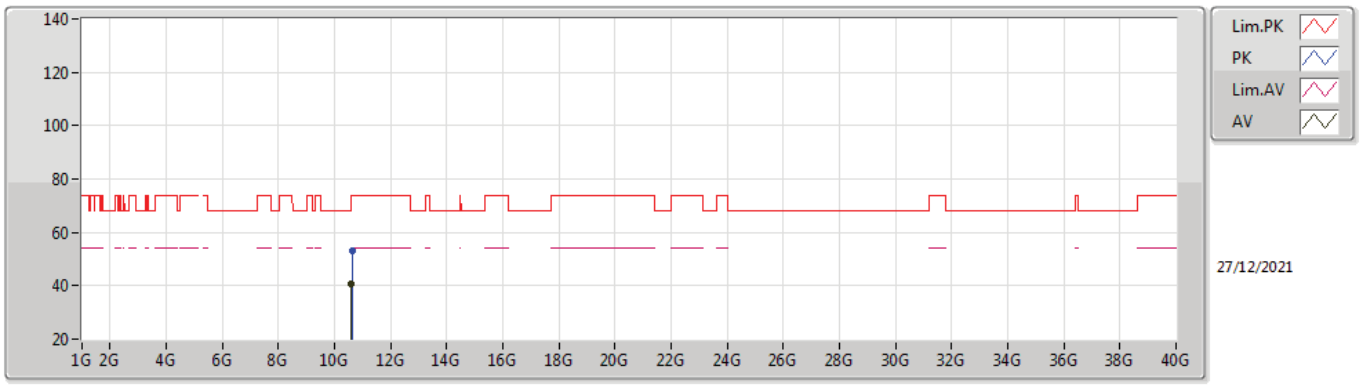
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3032G	99.32	Inf	-Inf	5.29	3	Horizontal	179	1.27	-	94.03	33.09	6.65	34.45
AV	5.3508G	44.56	54.00	-9.44	5.15	3	Horizontal	179	1.27	-	39.41	32.90	6.70	34.45
PK	5.3032G	107.61	Inf	-Inf	5.29	3	Horizontal	179	1.27	-	102.32	33.09	6.65	34.45
PK	5.3504G	56.66	74.00	-17.34	5.15	3	Horizontal	179	1.27	-	51.51	32.90	6.70	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

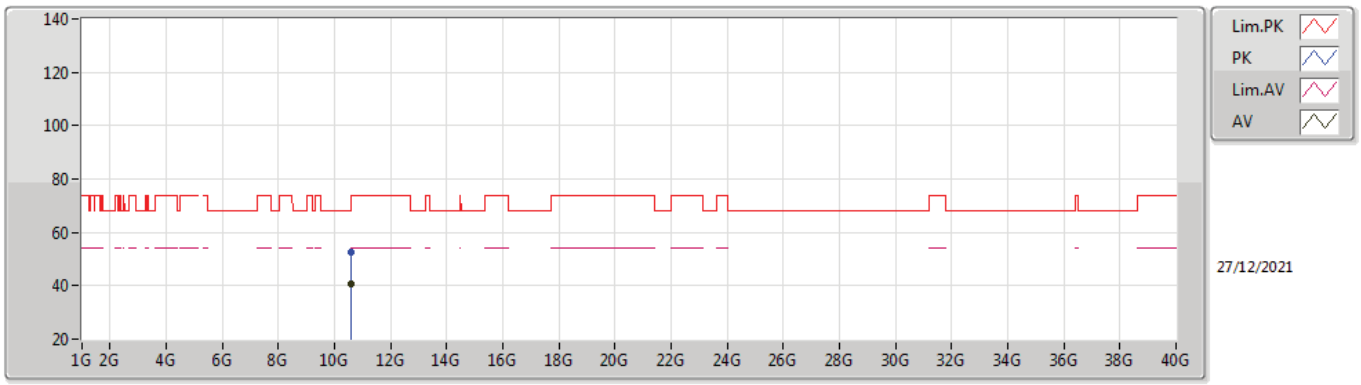
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6023G	40.70	54.00	-13.30	14.25	3	Vertical	225	1.64	-	26.45	39.10	9.59	34.44
PK	10.621G	53.01	74.00	-20.99	14.24	3	Vertical	225	1.64	-	38.77	39.08	9.60	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

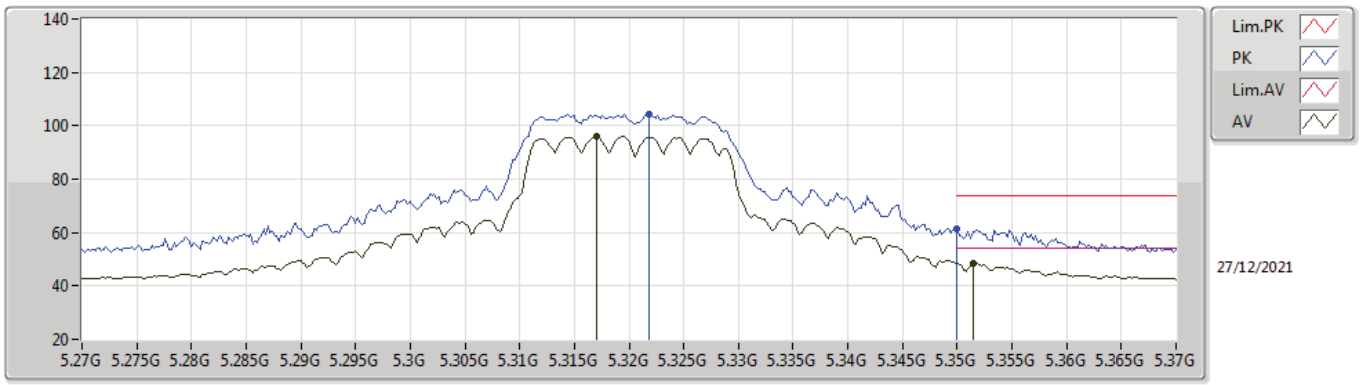
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6022G	40.60	54.00	-13.40	14.25	3	Horizontal	311	1.25	-	26.35	39.10	9.59	34.44
PK	10.6013G	52.36	74.00	-21.64	14.25	3	Horizontal	311	1.25	-	38.11	39.10	9.59	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

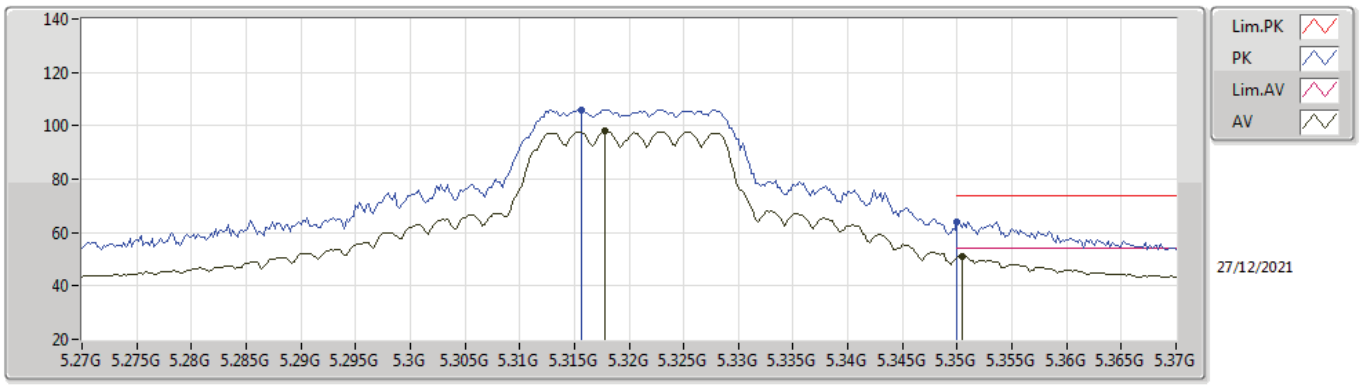
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.317G	95.88	Inf	-Inf	5.24	3	Vertical	0	1.03	-	90.64	33.03	6.66	34.45
AV	5.3514G	48.23	54.00	-5.77	5.15	3	Vertical	0	1.03	-	43.08	32.90	6.70	34.45
PK	5.3218G	104.56	Inf	-Inf	5.23	3	Vertical	0	1.03	-	99.33	33.01	6.67	34.45
PK	5.35G	61.36	74.00	-12.64	5.15	3	Vertical	0	1.03	-	56.21	32.90	6.70	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

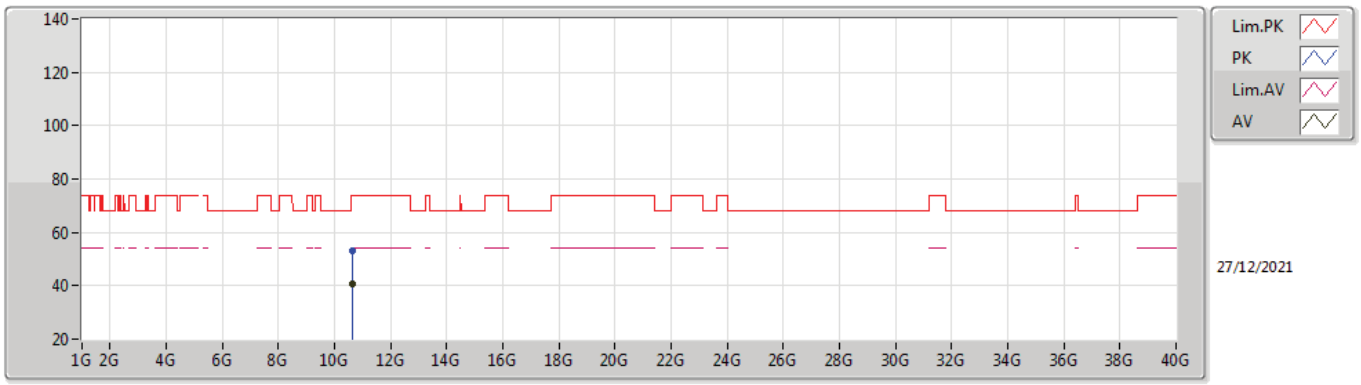
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3178G	97.90	Inf	-Inf	5.25	3	Horizontal	177	1.06	-	92.65	33.03	6.67	34.45
AV	5.3504G	50.95	54.00	-3.05	5.15	3	Horizontal	177	1.06	-	45.80	32.90	6.70	34.45
PK	5.3156G	106.10	Inf	-Inf	5.25	3	Horizontal	177	1.06	-	100.85	33.04	6.66	34.45
PK	5.35G	64.11	74.00	-9.89	5.15	3	Horizontal	177	1.06	-	58.96	32.90	6.70	34.45

802.11ac VHT20_Nss1,(MCS0)_2TX

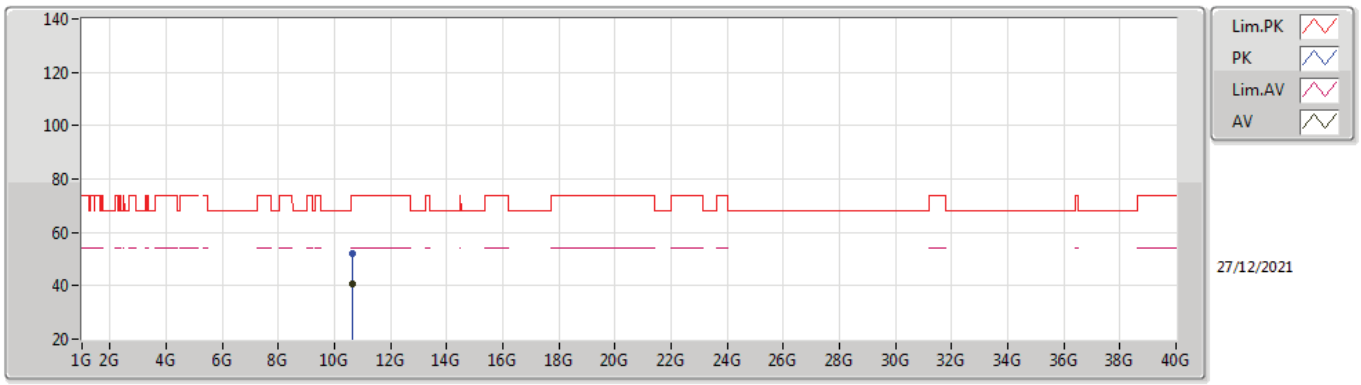
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6236G	40.50	54.00	-13.50	14.24	3	Vertical	322	2.92	-	26.26	39.08	9.60	34.44
PK	10.6155G	53.15	74.00	-20.85	14.24	3	Vertical	322	2.92	-	38.91	39.08	9.60	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

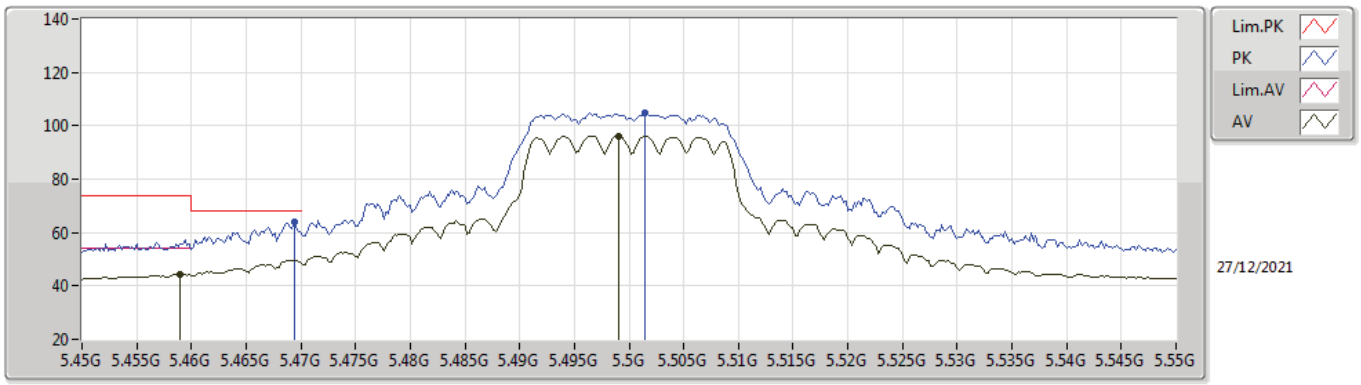
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6191G	40.44	54.00	-13.56	14.24	3	Horizontal	4	1.05	-	26.20	39.08	9.60	34.44
PK	10.622G	52.11	74.00	-21.89	14.24	3	Horizontal	4	1.05	-	37.87	39.08	9.60	34.44

802.11ac VHT20_Nss1,(MCS0)_2TX

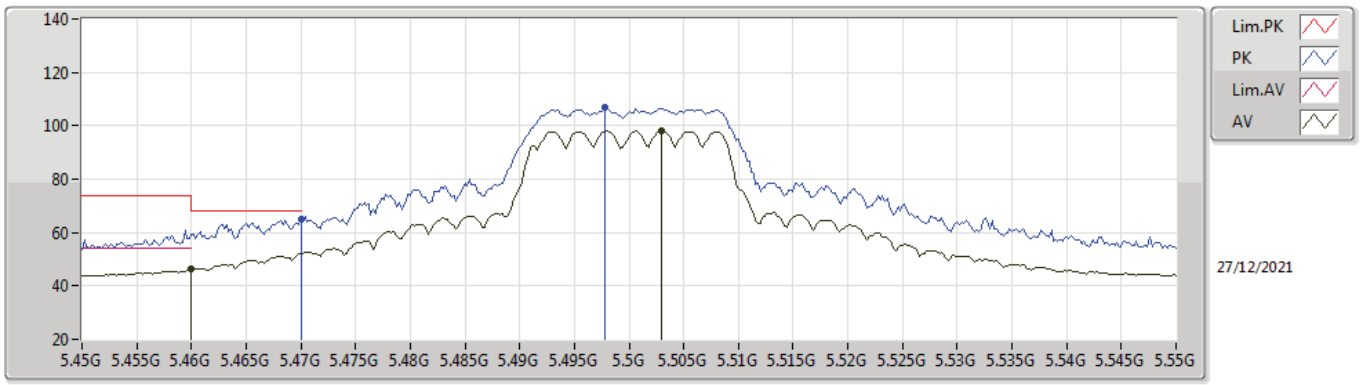
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	44.38	54.00	-9.62	5.45	3	Vertical	0	1.02	-	38.93	33.12	6.79	34.46
AV	5.499G	96.04	Inf	-Inf	5.55	3	Vertical	0	1.02	-	90.49	33.20	6.81	34.46
PK	5.4694G	63.76	68.20	-4.44	5.47	3	Vertical	0	1.02	-	58.29	33.14	6.79	34.46
PK	5.5014G	104.93	Inf	-Inf	5.54	3	Vertical	0	1.02	-	99.39	33.19	6.81	34.46

802.11ac VHT20_Nss1,(MCS0)_2TX

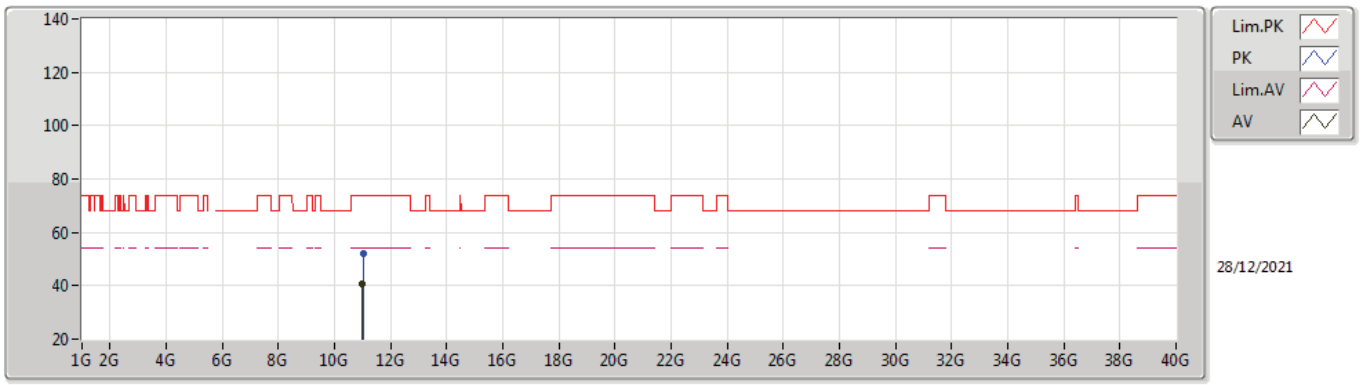
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	46.44	54.00	-7.56	5.45	3	Horizontal	186	1.03	-	40.99	33.12	6.79	34.46
AV	5.503G	97.98	Inf	-Inf	5.54	3	Horizontal	186	1.03	-	92.44	33.19	6.81	34.46
PK	5.47G	65.06	68.20	-3.14	5.47	3	Horizontal	186	1.03	-	59.59	33.14	6.79	34.46
PK	5.4978G	106.68	Inf	-Inf	5.55	3	Horizontal	186	1.03	-	101.13	33.20	6.81	34.46

802.11ac VHT20_Nss1,(MCS0)_2TX

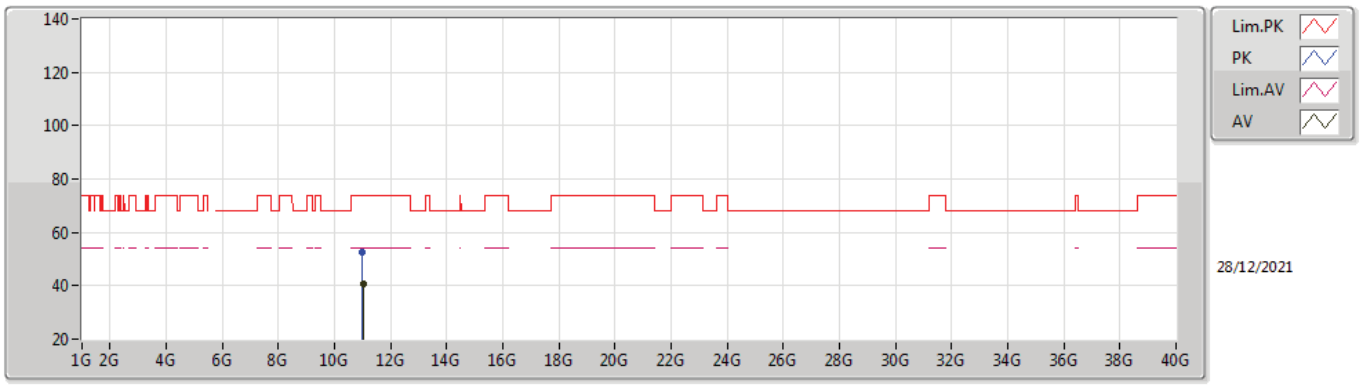
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.98884G	40.53	54.00	-13.47	14.22	3	Vertical	272	1.31	-	26.31	38.79	9.73	34.30
PK	11.01464G	52.30	74.00	-21.70	14.26	3	Vertical	272	1.31	-	38.04	38.81	9.74	34.29

802.11ac VHT20_Nss1,(MCS0)_2TX

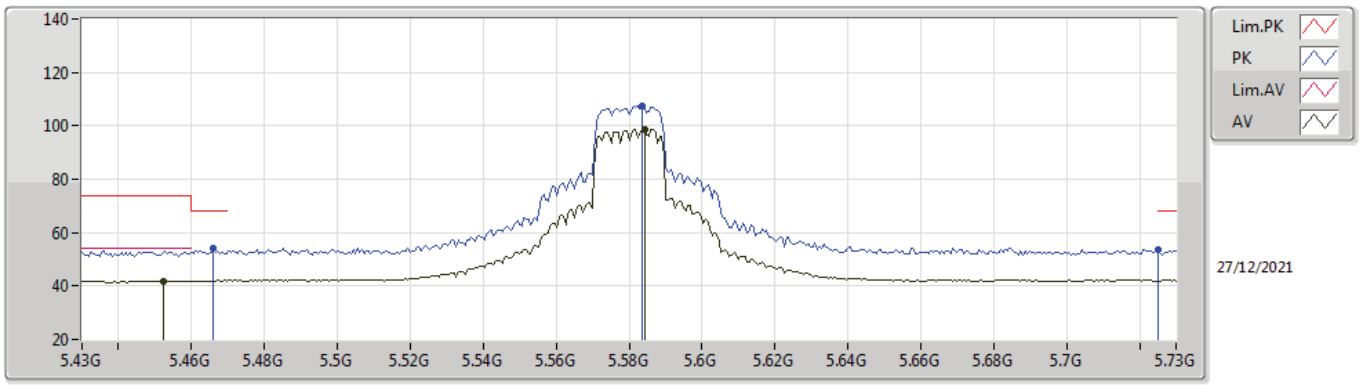
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00882G	40.50	54.00	-13.50	14.26	3	Horizontal	175	1.54	-	26.24	38.81	9.74	34.29
PK	10.99538G	52.35	74.00	-21.65	14.23	3	Horizontal	175	1.54	-	38.12	38.80	9.73	34.30

802.11ac VHT20_Nss1,(MCS0)_2TX

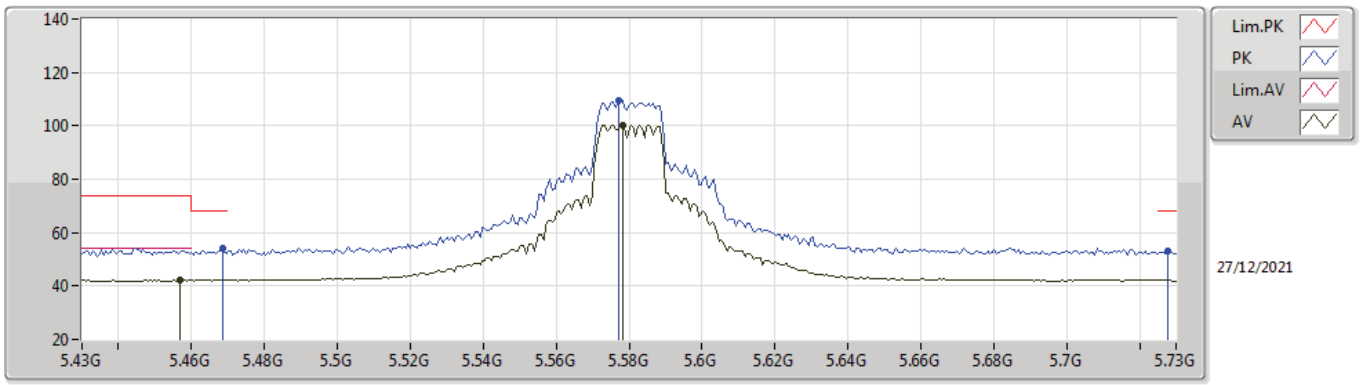
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4522G	41.96	54.00	-12.04	5.43	3	Vertical	0	1.06	-	36.53	33.10	6.79	34.46
AV	5.5842G	98.73	Inf	-Inf	5.52	3	Vertical	0	1.06	-	93.21	33.14	6.85	34.47
PK	5.466G	54.24	68.20	-13.96	5.46	3	Vertical	0	1.06	-	48.78	33.13	6.79	34.46
PK	5.5836G	107.54	Inf	-Inf	5.51	3	Vertical	0	1.06	-	102.03	33.13	6.85	34.47
PK	5.7252G	53.37	68.20	-14.83	6.01	3	Vertical	0	1.06	-	47.36	33.60	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_2TX

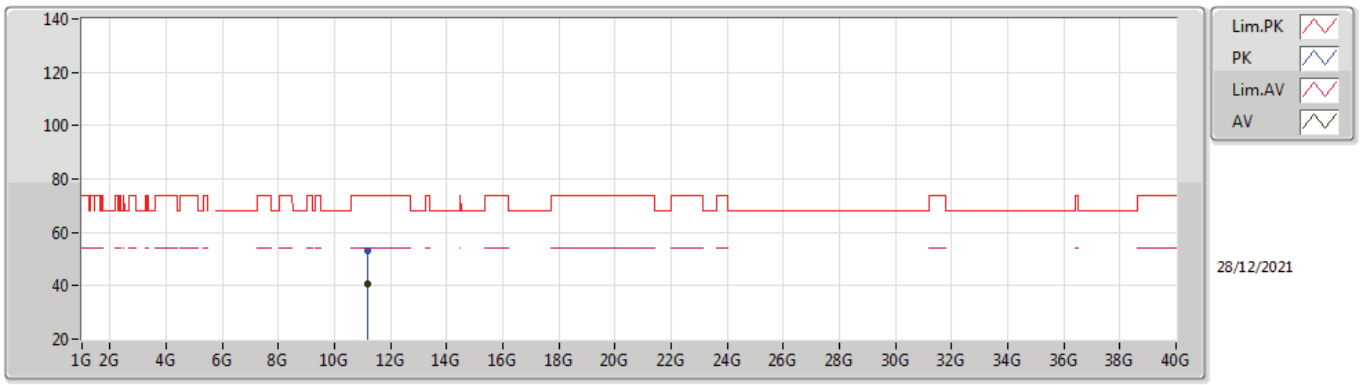
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	42.24	54.00	-11.76	5.44	3	Horizontal	186	1.16	-	36.80	33.11	6.79	34.46
AV	5.5782G	100.42	Inf	-Inf	5.49	3	Horizontal	186	1.16	-	94.93	33.11	6.85	34.47
PK	5.4684G	54.05	68.20	-14.15	5.47	3	Horizontal	186	1.16	-	48.58	33.14	6.79	34.46
PK	5.577G	109.30	Inf	-Inf	5.49	3	Horizontal	186	1.16	-	103.81	33.11	6.85	34.47
PK	5.7276G	53.06	68.20	-15.14	6.03	3	Horizontal	186	1.16	-	47.03	33.62	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_2TX

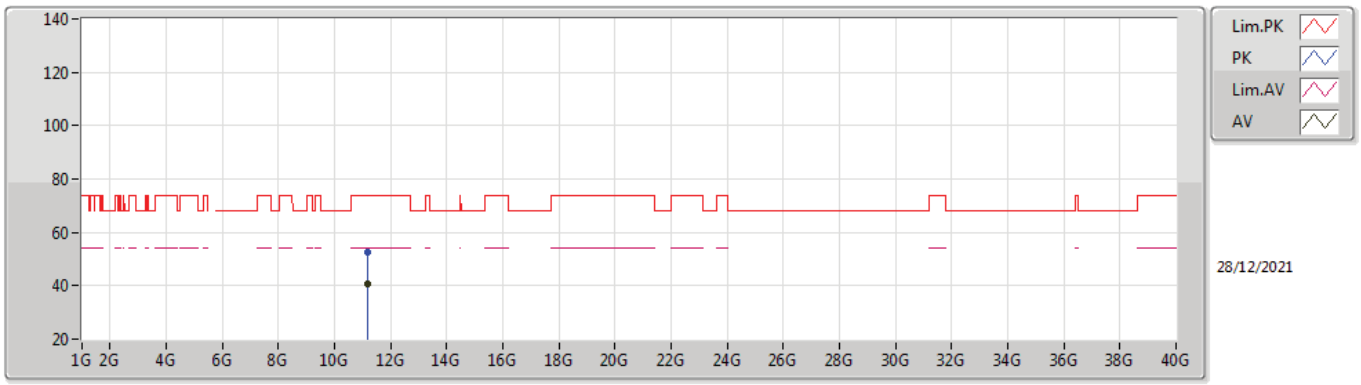
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.1687G	40.82	54.00	-13.18	14.65	3	Vertical	294	1.18	-	26.17	39.04	9.79	34.18
PK	11.16882G	53.11	74.00	-20.89	14.65	3	Vertical	294	1.18	-	38.46	39.04	9.79	34.18

802.11ac VHT20_Nss1,(MCS0)_2TX

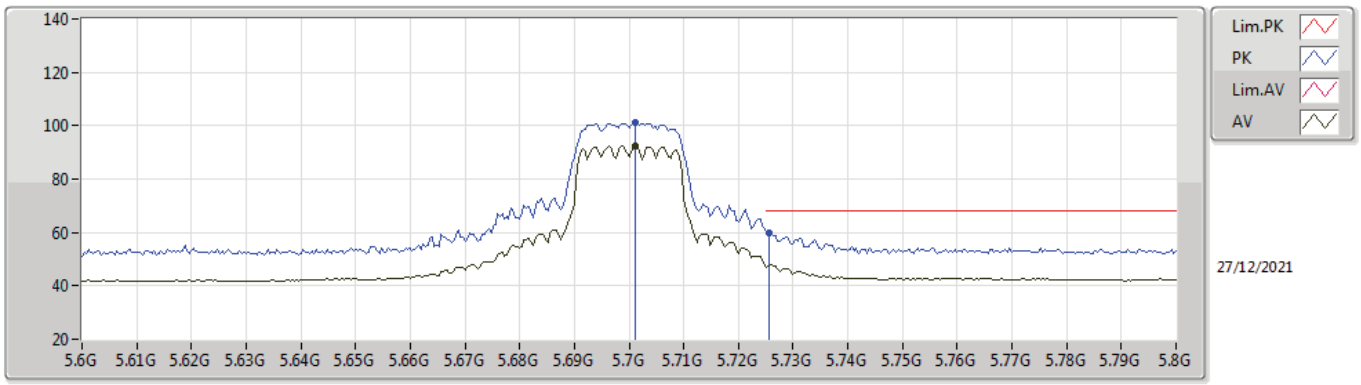
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.17404G	40.75	54.00	-13.25	14.67	3	Horizontal	264	1.46	-	26.08	39.05	9.80	34.18
PK	11.16582G	52.55	74.00	-21.45	14.64	3	Horizontal	264	1.46	-	37.91	39.03	9.79	34.18

802.11ac VHT20_Nss1,(MCS0)_2TX

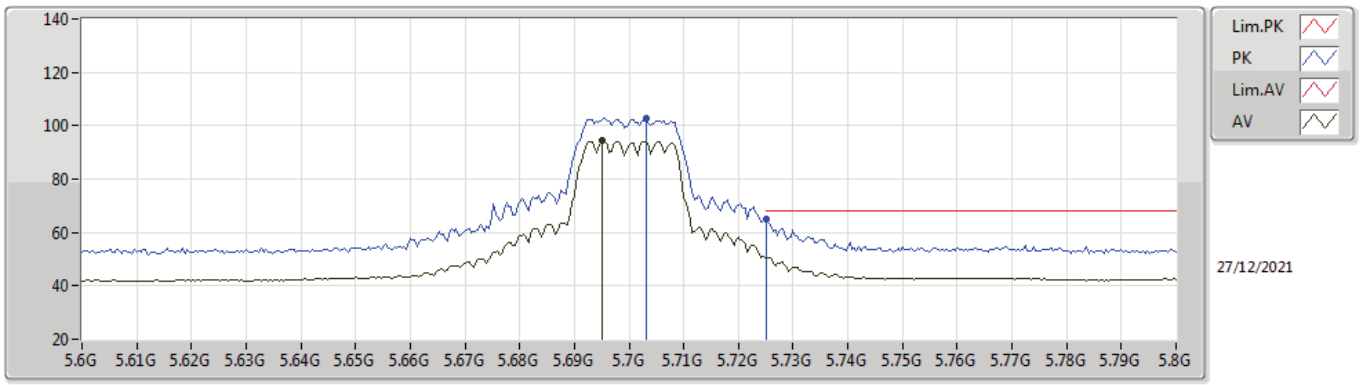
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7012G	92.55	Inf	-Inf	5.83	3	Vertical	0	1.04	-	86.72	33.41	6.90	34.48
PK	5.7012G	101.05	Inf	-Inf	5.83	3	Vertical	0	1.04	-	95.22	33.41	6.90	34.48
PK	5.7256G	60.02	68.20	-8.18	6.01	3	Vertical	0	1.04	-	54.01	33.60	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_2TX

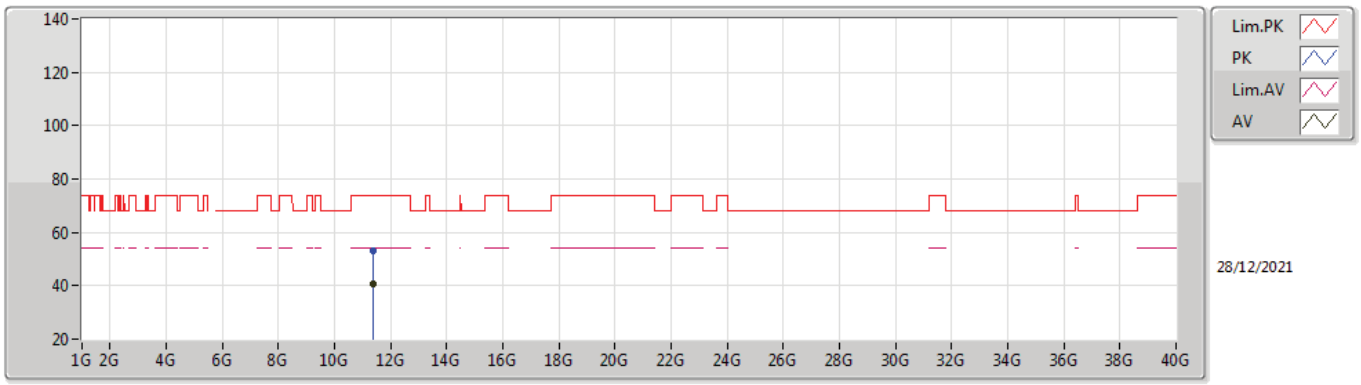
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6952G	94.24	Inf	-Inf	5.80	3	Horizontal	185	1.08	-	88.44	33.39	6.89	34.48
PK	5.7032G	102.89	Inf	-Inf	5.85	3	Horizontal	185	1.08	-	97.04	33.43	6.90	34.48
PK	5.7252G	64.87	68.20	-3.33	6.01	3	Horizontal	185	1.08	-	58.86	33.60	6.90	34.49

802.11ac VHT20_Nss1,(MCS0)_2TX

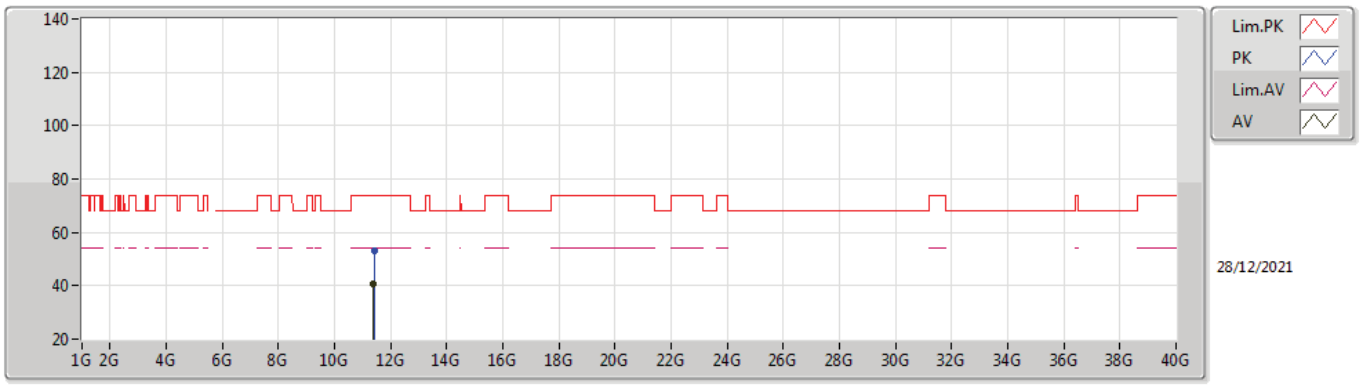
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.38518G	40.91	54.00	-13.09	14.87	3	Vertical	57	1.69	-	26.04	39.03	9.87	34.03
PK	11.38914G	53.34	74.00	-20.66	14.86	3	Vertical	57	1.69	-	38.48	39.02	9.87	34.03

802.11ac VHT20_Nss1,(MCS0)_2TX

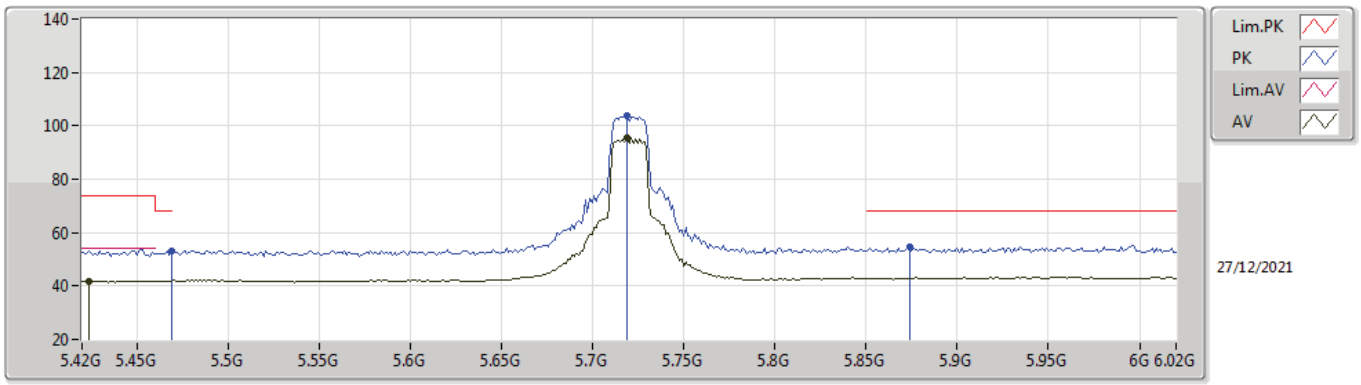
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.38572G	40.92	54.00	-13.08	14.87	3	Horizontal	301	1.20	-	26.05	39.03	9.87	34.03
PK	11.40186G	53.23	74.00	-20.77	14.86	3	Horizontal	301	1.20	-	38.37	39.00	9.88	34.02

802.11ac VHT20_Nss1,(MCS0)_2TX

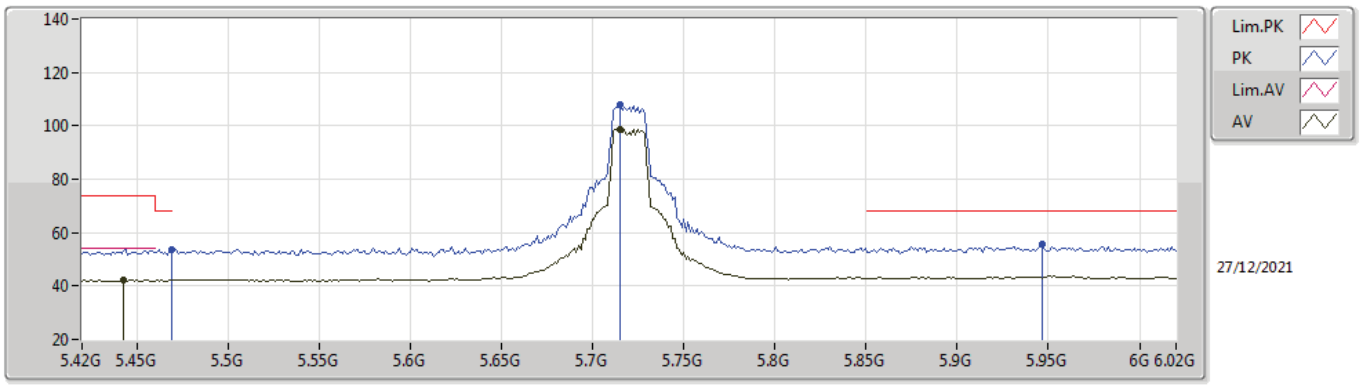
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4236G	41.94	54.00	-12.06	5.36	3	Vertical	0	1.01	-	36.58	33.05	6.77	34.46
AV	5.7188G	95.29	Inf	-Inf	5.96	3	Vertical	0	1.01	-	89.33	33.55	6.90	34.49
PK	5.4692G	53.10	68.20	-15.10	5.47	3	Vertical	0	1.01	-	47.63	33.14	6.79	34.46
PK	5.7188G	103.71	Inf	-Inf	5.96	3	Vertical	0	1.01	-	97.75	33.55	6.90	34.49
PK	5.8736G	54.84	68.20	-13.36	6.65	3	Vertical	0	1.01	-	48.19	34.15	7.00	34.50

802.11ac VHT20_Nss1,(MCS0)_2TX

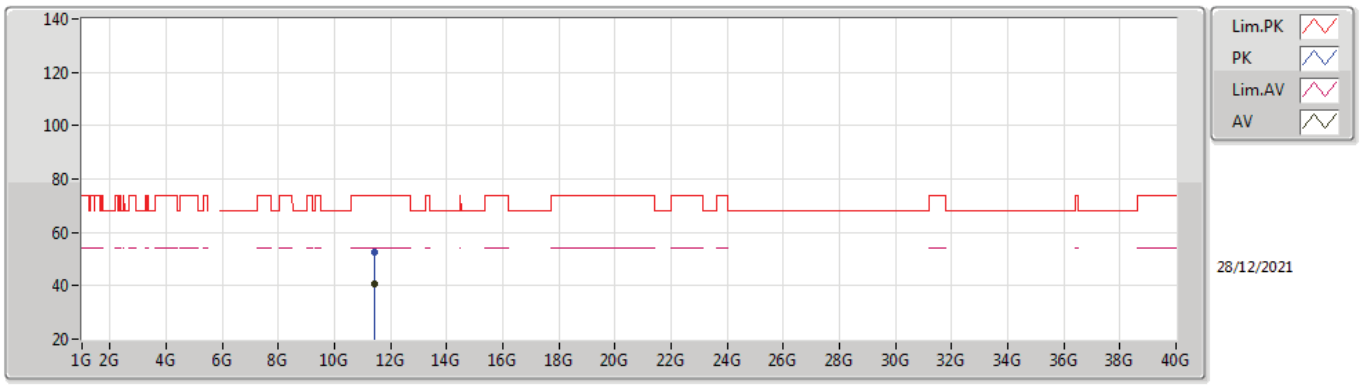
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4428G	42.13	54.00	-11.87	5.41	3	Horizontal	313	2.30	-	36.72	33.09	6.78	34.46
AV	5.7152G	98.67	Inf	-Inf	5.93	3	Horizontal	313	2.30	-	92.74	33.52	6.90	34.49
PK	5.4692G	53.66	68.20	-14.54	5.47	3	Horizontal	313	2.30	-	48.19	33.14	6.79	34.46
PK	5.7152G	107.75	Inf	-Inf	5.93	3	Horizontal	313	2.30	-	101.82	33.52	6.90	34.49
PK	5.9468G	55.56	68.20	-12.64	6.93	3	Horizontal	313	2.30	-	48.63	34.38	7.06	34.51

802.11ac VHT20_Nss1,(MCS0)_2TX

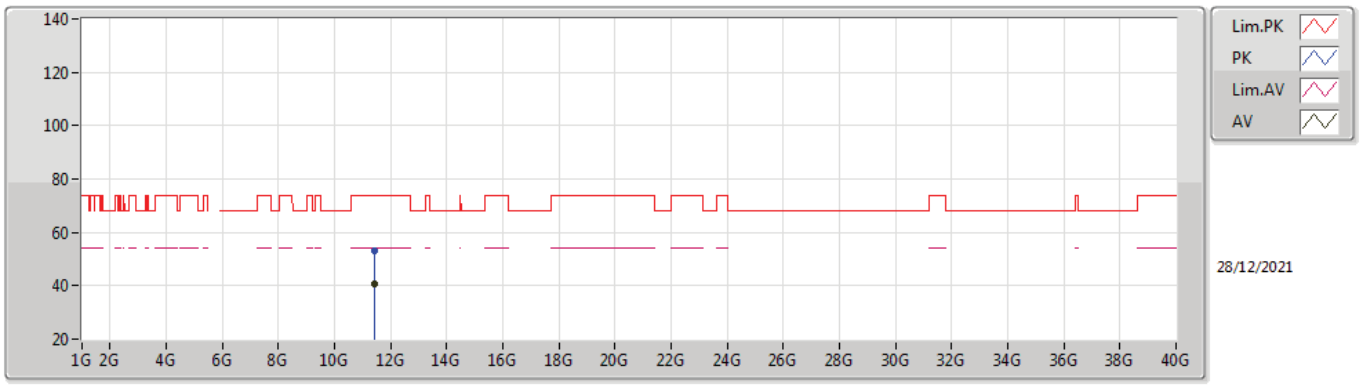
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.42524G	40.57	54.00	-13.43	14.89	3	Vertical	351	1.50	-	25.68	39.00	9.89	34.00
PK	11.43454G	52.75	74.00	-21.25	14.89	3	Vertical	351	1.50	-	37.86	39.00	9.89	34.00

802.11ac VHT20_Nss1,(MCS0)_2TX

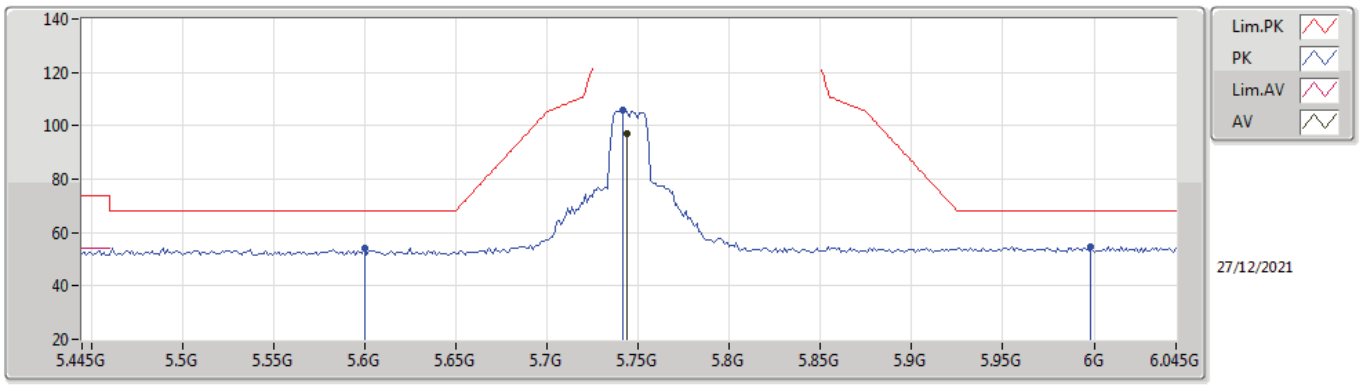
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4253G	40.57	54.00	-13.43	14.89	3	Horizontal	276	1.49	-	25.68	39.00	9.89	34.00
PK	11.4367G	53.22	74.00	-20.78	14.90	3	Horizontal	276	1.49	-	38.32	39.00	9.89	33.99

802.11ac VHT20_Nss1,(MCS0)_2TX

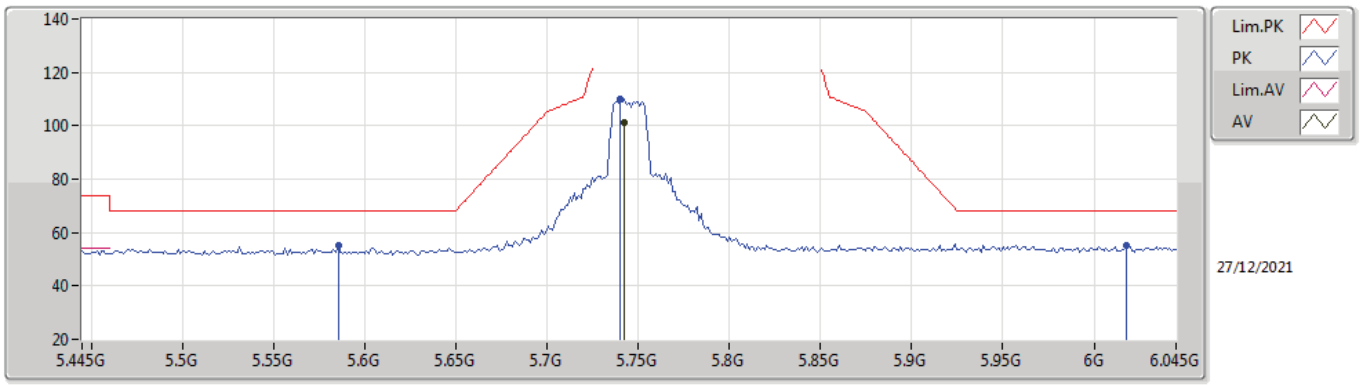
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7438G	97.07	Inf	-Inf	6.17	3	Vertical	4	1.07	-	90.90	33.75	6.91	34.49
PK	5.5998G	54.32	68.20	-13.88	5.59	3	Vertical	4	1.07	-	48.73	33.20	6.86	34.47
PK	5.7414G	105.64	Inf	-Inf	6.15	3	Vertical	4	1.07	-	99.49	33.73	6.91	34.49
PK	5.9982G	54.90	68.20	-13.30	6.80	3	Vertical	4	1.07	-	48.10	34.21	7.11	34.52

802.11ac VHT20_Nss1,(MCS0)_2TX

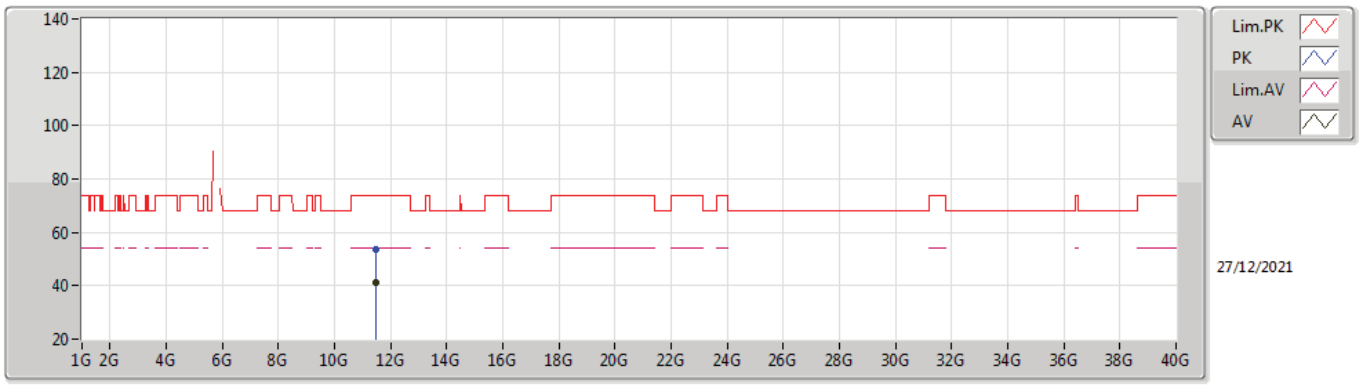
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	101.00	Inf	-Inf	6.16	3	Horizontal	312	2.21	-	94.84	33.74	6.91	34.49
PK	5.5854G	55.33	68.20	-12.87	5.52	3	Horizontal	312	2.21	-	49.81	33.14	6.85	34.47
PK	5.7402G	110.22	Inf	-Inf	6.14	3	Horizontal	312	2.21	-	104.08	33.72	6.91	34.49
PK	6.0174G	55.19	68.20	-13.01	6.87	3	Horizontal	312	2.21	-	48.32	34.27	7.12	34.52

802.11ac VHT20_Nss1,(MCS0)_2TX

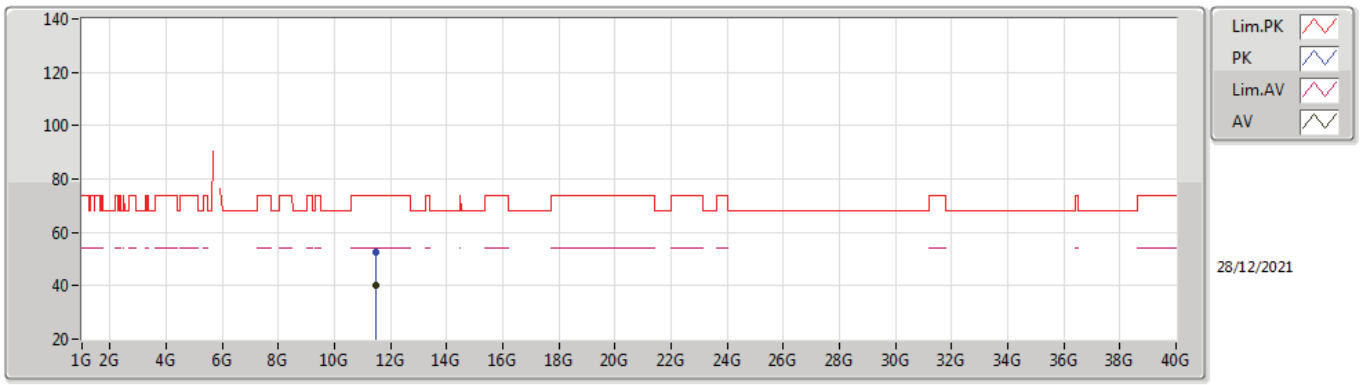
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49258G	41.33	54.00	-12.67	14.95	3	Vertical	50	1.83	-	26.38	39.00	9.91	33.96
PK	11.48724G	53.47	74.00	-20.53	14.95	3	Vertical	50	1.83	-	38.52	39.00	9.91	33.96

802.11ac VHT20_Nss1,(MCS0)_2TX

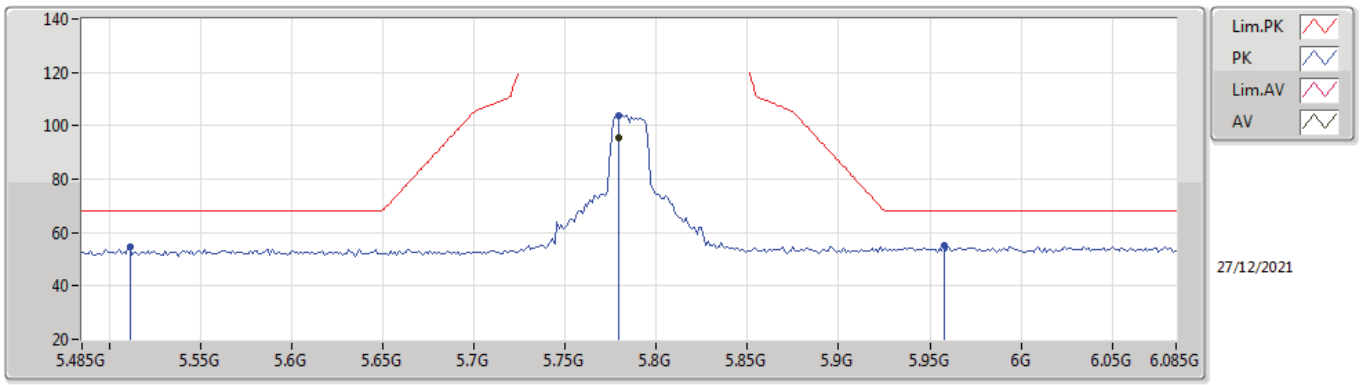
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49834G	40.40	54.00	-13.60	14.96	3	Horizontal	50	2.68	-	25.44	39.00	9.91	33.95
PK	11.49612G	52.46	74.00	-21.54	14.96	3	Horizontal	50	2.68	-	37.50	39.00	9.91	33.95

802.11ac VHT20_Nss1,(MCS0)_2TX

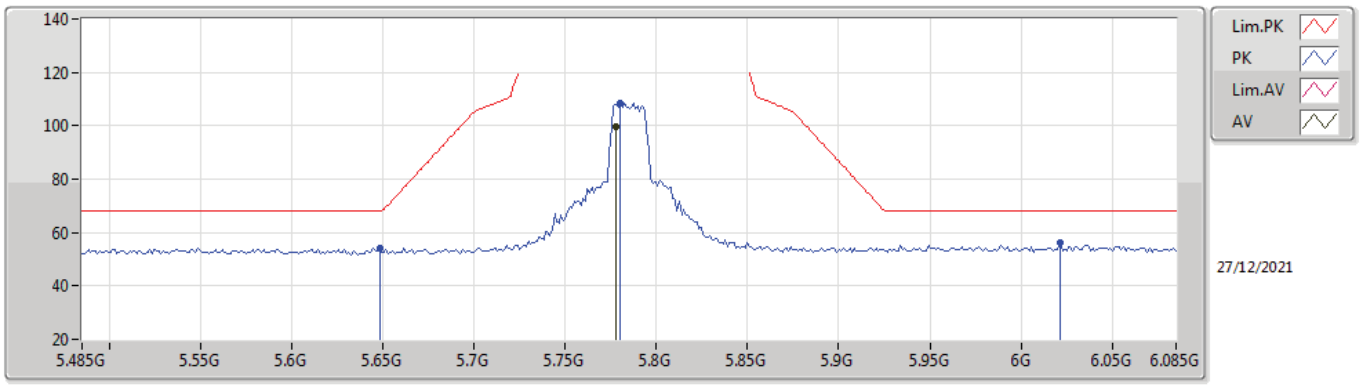
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.779G	95.60	Inf	-Inf	6.29	3	Vertical	0	1.17	-	89.31	33.86	6.92	34.49
PK	5.5114G	54.80	68.20	-13.40	5.51	3	Vertical	0	1.17	-	49.29	33.15	6.82	34.46
PK	5.779G	103.99	Inf	-Inf	6.29	3	Vertical	0	1.17	-	97.70	33.86	6.92	34.49
PK	5.9578G	55.35	68.20	-12.85	6.93	3	Vertical	0	1.17	-	48.42	34.37	7.07	34.51

802.11ac VHT20_Nss1,(MCS0)_2TX

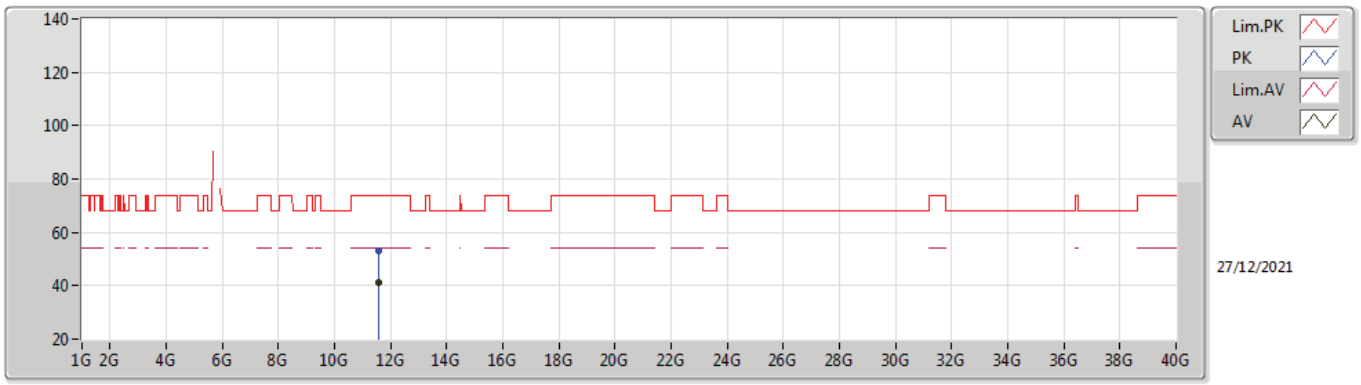
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7778G	99.55	Inf	-Inf	6.29	3	Horizontal	311	2.26	-	93.26	33.86	6.92	34.49
PK	5.6482G	54.05	68.20	-14.15	5.70	3	Horizontal	311	2.26	-	48.35	33.30	6.88	34.48
PK	5.7802G	108.67	Inf	-Inf	6.29	3	Horizontal	311	2.26	-	102.38	33.86	6.92	34.49
PK	6.0214G	56.24	68.20	-11.96	6.88	3	Horizontal	311	2.26	-	49.36	34.29	7.12	34.53

802.11ac VHT20_Nss1,(MCS0)_2TX

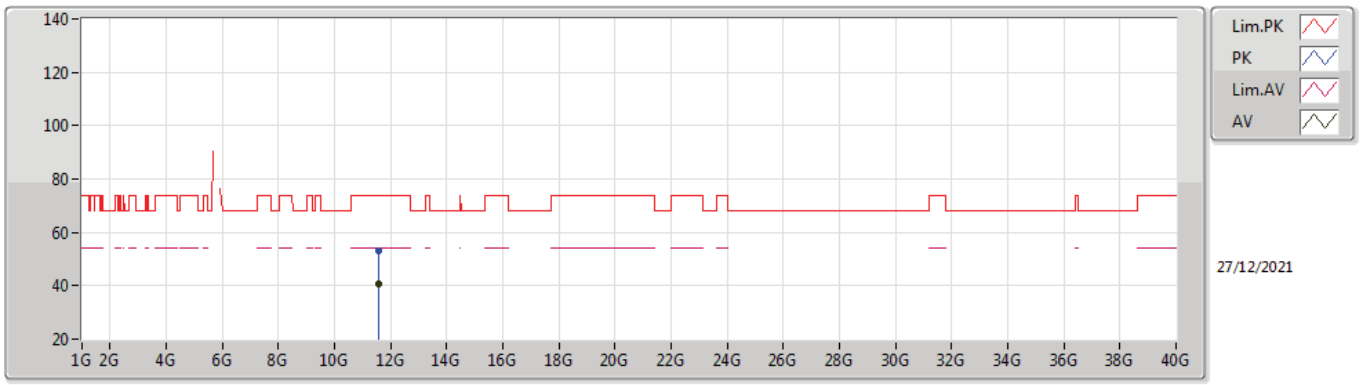
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56532G	41.07	54.00	-12.93	14.88	3	Vertical	50	1.00	-	26.19	38.93	9.94	33.99
PK	11.56508G	53.05	74.00	-20.95	14.88	3	Vertical	50	1.00	-	38.17	38.93	9.94	33.99

802.11ac VHT20_Nss1,(MCS0)_2TX

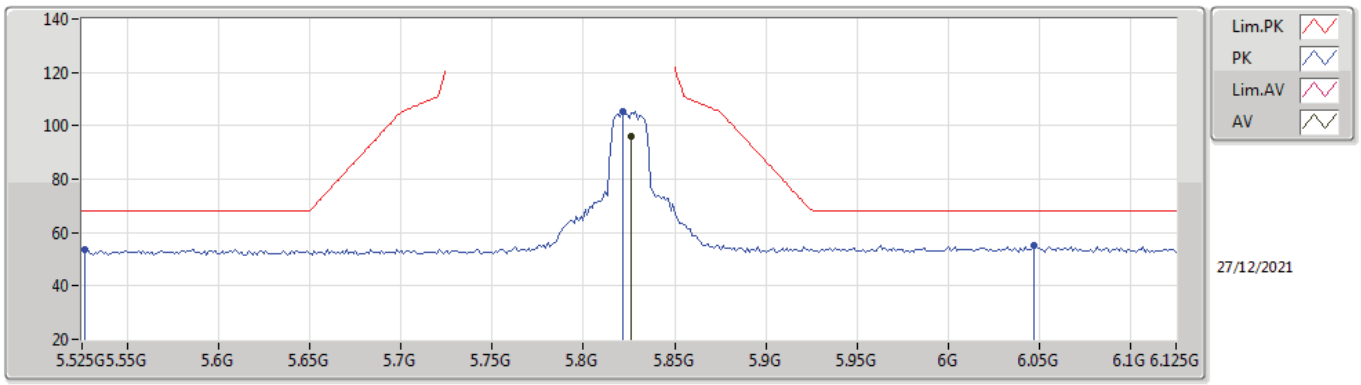
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58428G	40.74	54.00	-13.26	14.86	3	Horizontal	325	3.00	-	25.88	38.92	9.94	34.00
PK	11.57144G	52.97	74.00	-21.03	14.88	3	Horizontal	325	3.00	-	38.09	38.93	9.94	33.99

802.11ac VHT20_Nss1,(MCS0)_2TX

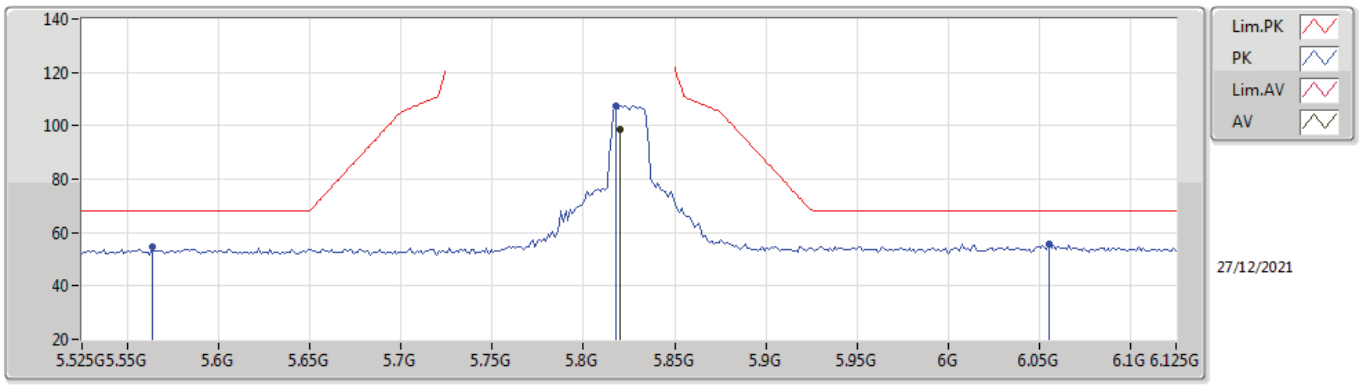
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	96.05	Inf	-Inf	6.51	3	Vertical	6	1.13	-	89.54	34.06	6.95	34.50
PK	5.5262G	53.82	68.20	-14.38	5.46	3	Vertical	6	1.13	-	48.36	33.10	6.82	34.46
PK	5.8214G	105.44	Inf	-Inf	6.48	3	Vertical	6	1.13	-	98.96	34.03	6.95	34.50
PK	6.047G	55.28	68.20	-12.92	6.99	3	Vertical	6	1.13	-	48.29	34.39	7.13	34.53

802.11ac VHT20_Nss1,(MCS0)_2TX

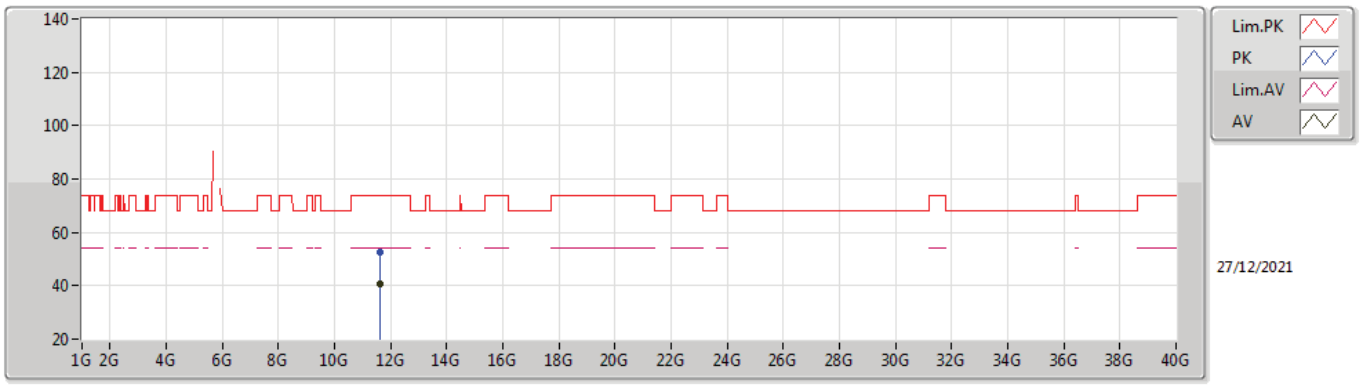
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8202G	98.43	Inf	-Inf	6.47	3	Horizontal	298	2.11	-	91.96	34.02	6.95	34.50
PK	5.5634G	54.53	68.20	-13.67	5.42	3	Horizontal	298	2.11	-	49.11	33.05	6.84	34.47
PK	5.8178G	107.61	Inf	-Inf	6.46	3	Horizontal	298	2.11	-	101.15	34.01	6.95	34.50
PK	6.0554G	55.64	68.20	-12.56	6.98	3	Horizontal	298	2.11	-	48.66	34.38	7.13	34.53

802.11ac VHT20_Nss1,(MCS0)_2TX

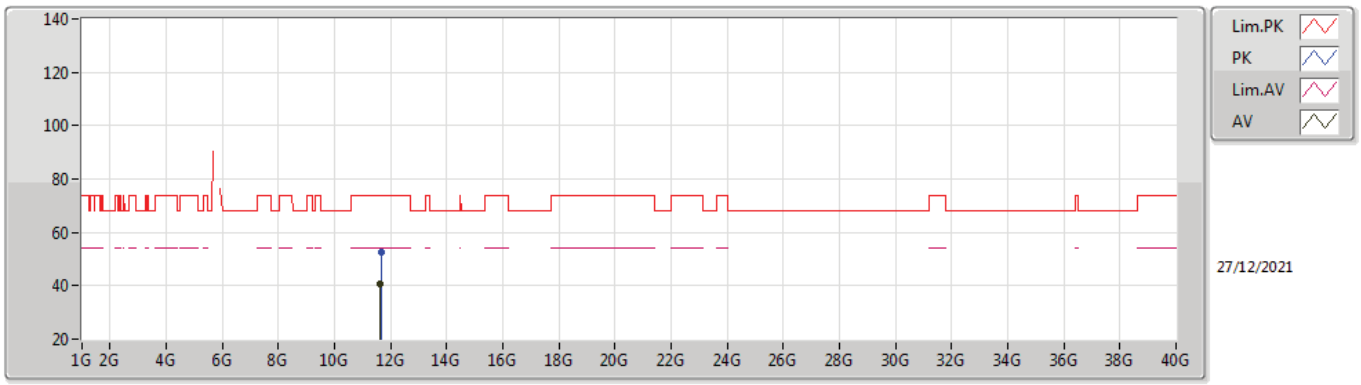
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.63674G	40.58	54.00	-13.42	14.79	3	Vertical	264	1.01	-	25.79	38.86	9.96	34.03
PK	11.6395G	52.44	74.00	-21.56	14.78	3	Vertical	264	1.01	-	37.66	38.86	9.96	34.04

802.11ac VHT20_Nss1,(MCS0)_2TX

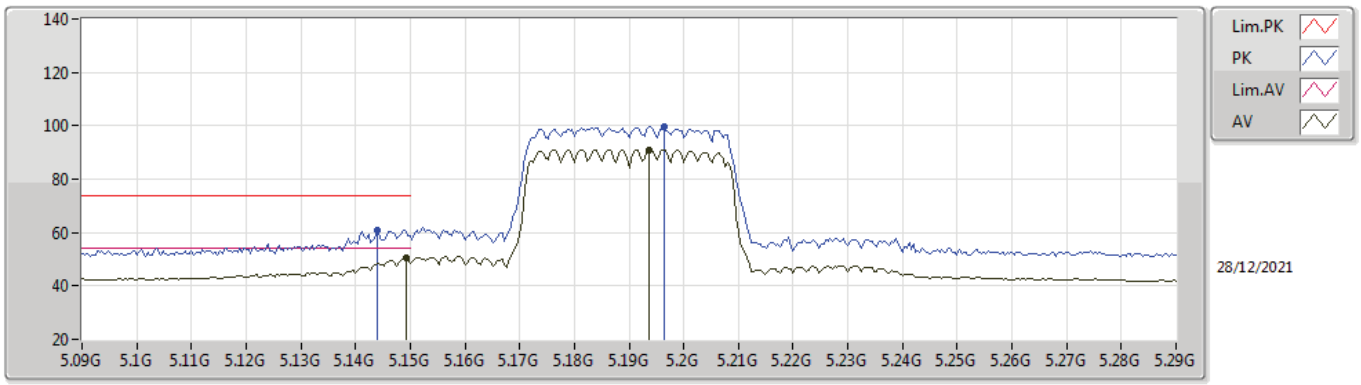
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6365G	40.67	54.00	-13.33	14.79	3	Horizontal	47	1.50	-	25.88	38.86	9.96	34.03
PK	11.64898G	52.64	74.00	-21.36	14.78	3	Horizontal	47	1.50	-	37.86	38.85	9.97	34.04

802.11ac VHT40_Nss1,(MCS0)_2TX

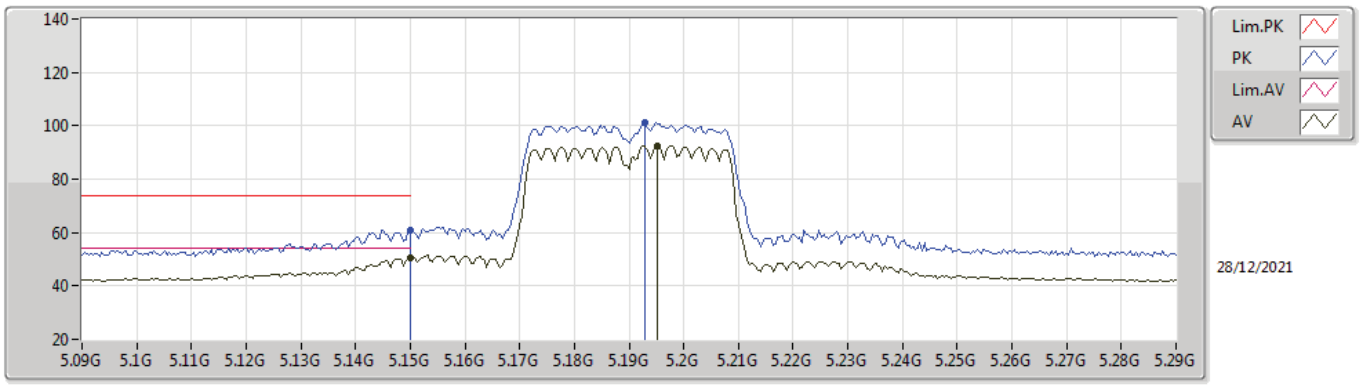
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	50.43	54.00	-3.57	5.15	3	Vertical	309	2.23	-	45.28	33.10	6.49	34.44
AV	5.1936G	91.06	Inf	-Inf	5.10	3	Vertical	309	2.23	-	85.96	33.01	6.53	34.44
PK	5.144G	61.02	74.00	-12.98	5.16	3	Vertical	309	2.23	-	55.86	33.11	6.49	34.44
PK	5.1964G	99.71	Inf	-Inf	5.10	3	Vertical	309	2.23	-	94.61	33.01	6.53	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

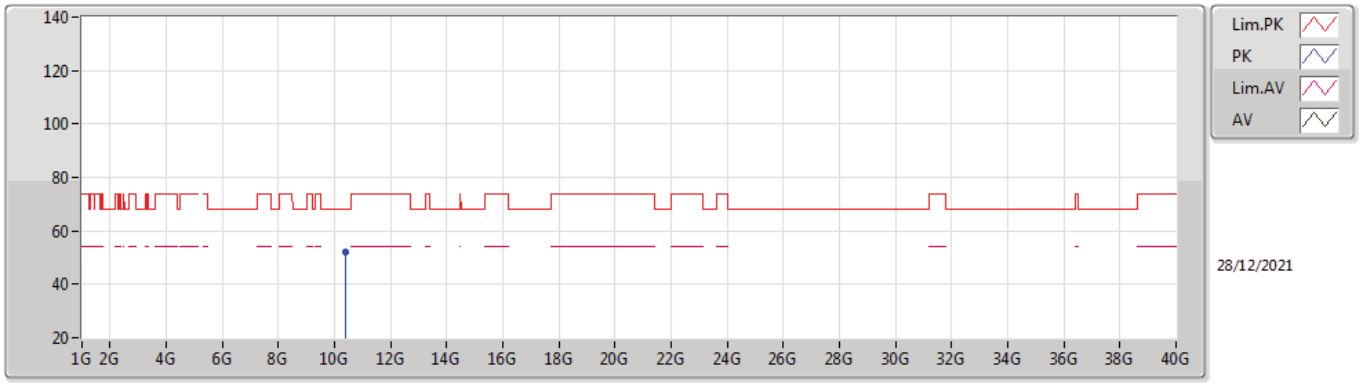
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	50.76	54.00	-3.24	5.15	3	Horizontal	193	2.01	-	45.61	33.10	6.49	34.44
AV	5.1952G	92.60	Inf	-Inf	5.10	3	Horizontal	193	2.01	-	87.50	33.01	6.53	34.44
PK	5.15G	61.04	74.00	-12.96	5.15	3	Horizontal	193	2.01	-	55.89	33.10	6.49	34.44
PK	5.1928G	101.26	Inf	-Inf	5.09	3	Horizontal	193	2.01	-	96.17	33.01	6.52	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

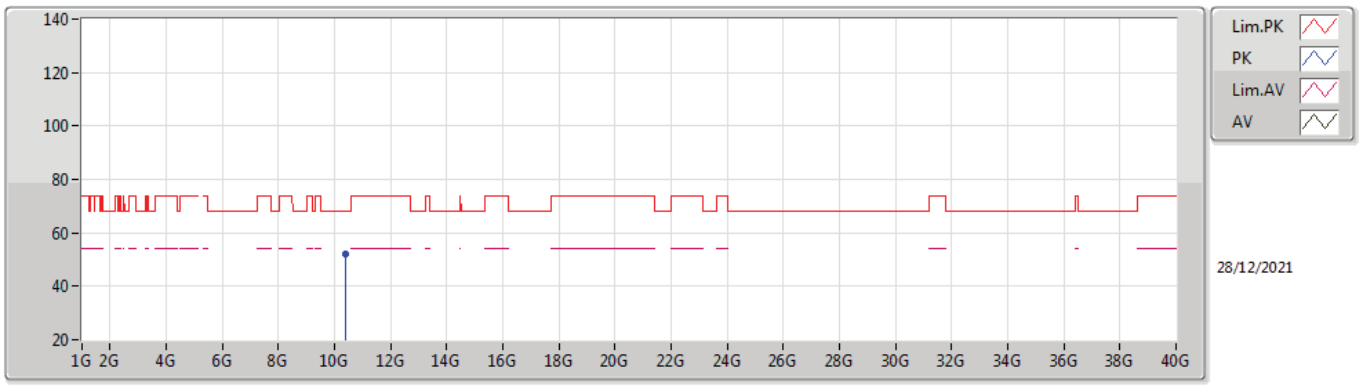
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.39624G	51.91	68.20	-16.29	13.58	3	Vertical	147	1.83	-	38.33	38.70	9.52	34.64

802.11ac VHT40_Nss1,(MCS0)_2TX

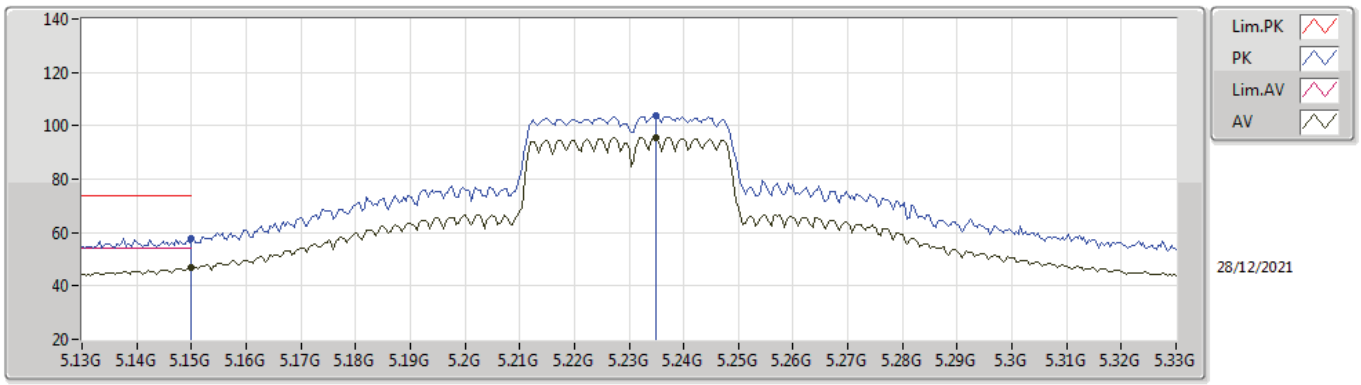
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.394G	51.95	68.20	-16.25	13.57	3	Horizontal	240	1.57	-	38.38	38.69	9.52	34.64

802.11ac VHT40_Nss1,(MCS0)_2TX

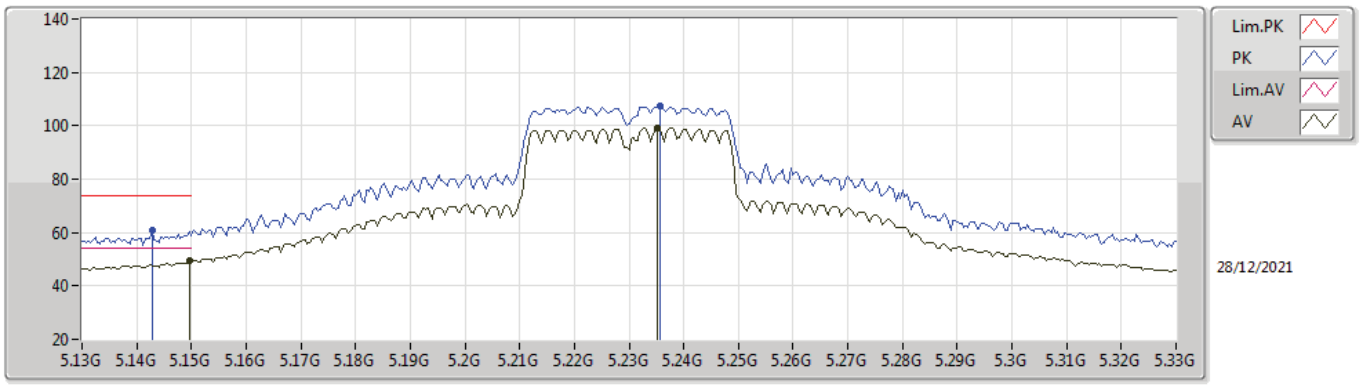
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.87	54.00	-7.13	5.15	3	Vertical	360	1.04	-	41.72	33.10	6.49	34.44
AV	5.2348G	95.64	Inf	-Inf	5.06	3	Vertical	360	1.04	-	90.58	32.93	6.57	34.44
PK	5.15G	57.64	74.00	-16.36	5.15	3	Vertical	360	1.04	-	52.49	33.10	6.49	34.44
PK	5.2348G	103.91	Inf	-Inf	5.06	3	Vertical	360	1.04	-	98.85	32.93	6.57	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

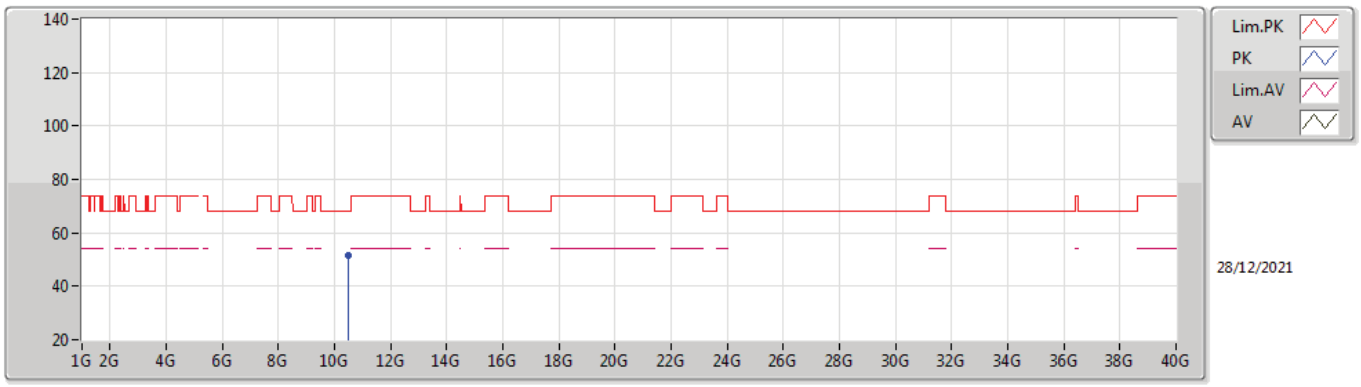
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	49.33	54.00	-4.67	5.15	3	Horizontal	195	1.03	-	44.18	33.10	6.49	34.44
AV	5.2352G	99.25	Inf	-Inf	5.06	3	Horizontal	195	1.03	-	94.19	32.93	6.57	34.44
PK	5.1428G	60.99	74.00	-13.01	5.16	3	Horizontal	195	1.03	-	55.83	33.11	6.49	34.44
PK	5.2356G	107.24	Inf	-Inf	5.06	3	Horizontal	195	1.03	-	102.18	32.93	6.57	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

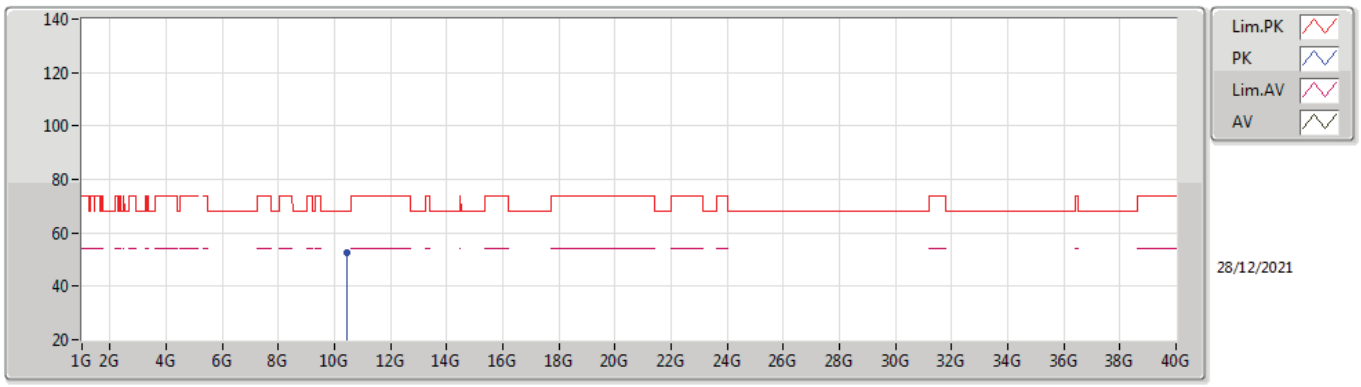
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47192G	51.47	68.20	-16.73	13.66	3	Vertical	355	1.85	-	37.81	38.63	9.55	34.52

802.11ac VHT40_Nss1,(MCS0)_2TX

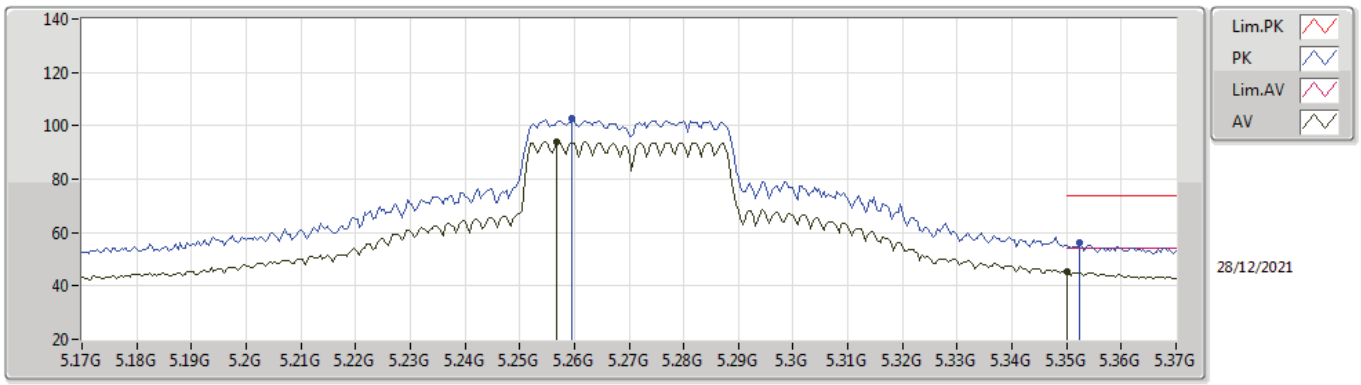
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.44104G	52.61	68.20	-15.59	13.63	3	Horizontal	154	1.93	-	38.98	38.66	9.54	34.57

802.11ac VHT40_Nss1,(MCS0)_2TX

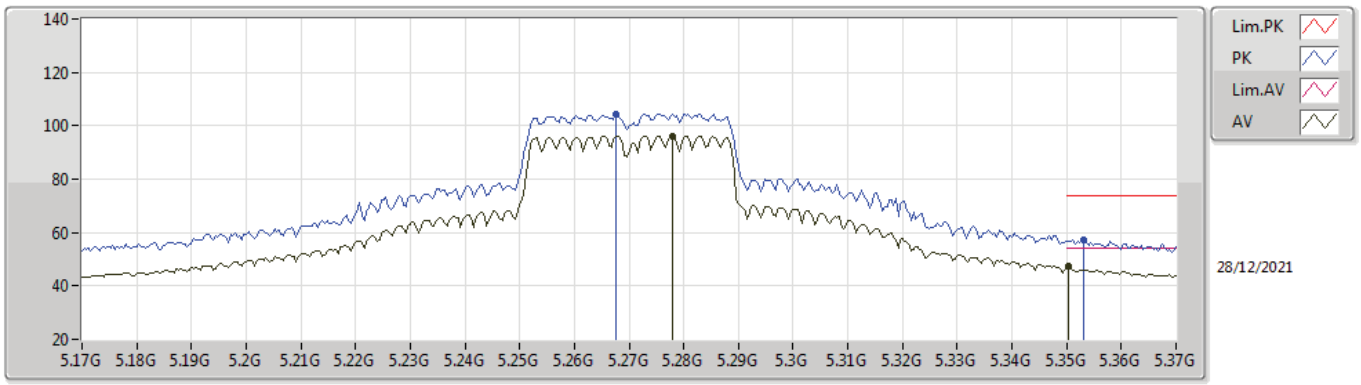
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2568G	94.13	Inf	-Inf	5.08	3	Vertical	360	1.01	-	89.05	32.93	6.60	34.45
AV	5.35G	45.18	54.00	-8.82	5.15	3	Vertical	360	1.01	-	40.03	32.90	6.70	34.45
PK	5.2596G	102.59	Inf	-Inf	5.09	3	Vertical	360	1.01	-	97.50	32.94	6.60	34.45
PK	5.3524G	55.96	74.00	-18.04	5.16	3	Vertical	360	1.01	-	50.80	32.90	6.71	34.45

802.11ac VHT40_Nss1,(MCS0)_2TX

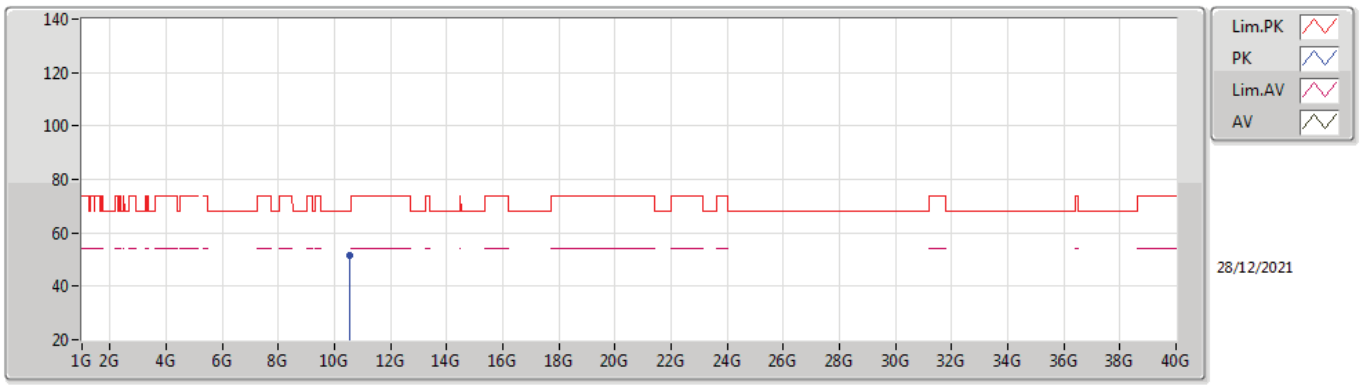
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.278G	96.27	Inf	-Inf	5.18	3	Horizontal	187	1.06	-	91.09	33.01	6.62	34.45
AV	5.3504G	47.17	54.00	-6.83	5.15	3	Horizontal	187	1.06	-	42.02	32.90	6.70	34.45
PK	5.2676G	104.53	Inf	-Inf	5.13	3	Horizontal	187	1.06	-	99.40	32.97	6.61	34.45
PK	5.3532G	57.05	74.00	-16.95	5.17	3	Horizontal	187	1.06	-	51.88	32.91	6.71	34.45

802.11ac VHT40_Nss1,(MCS0)_2TX

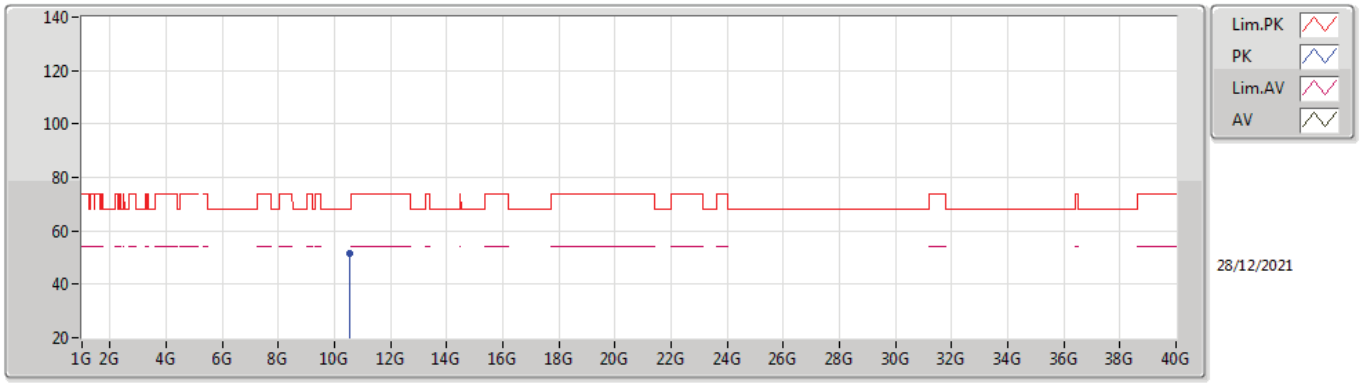
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5584G	51.39	68.20	-16.81	14.01	3	Vertical	148	1.98	-	37.38	38.89	9.58	34.46

802.11ac VHT40_Nss1,(MCS0)_2TX

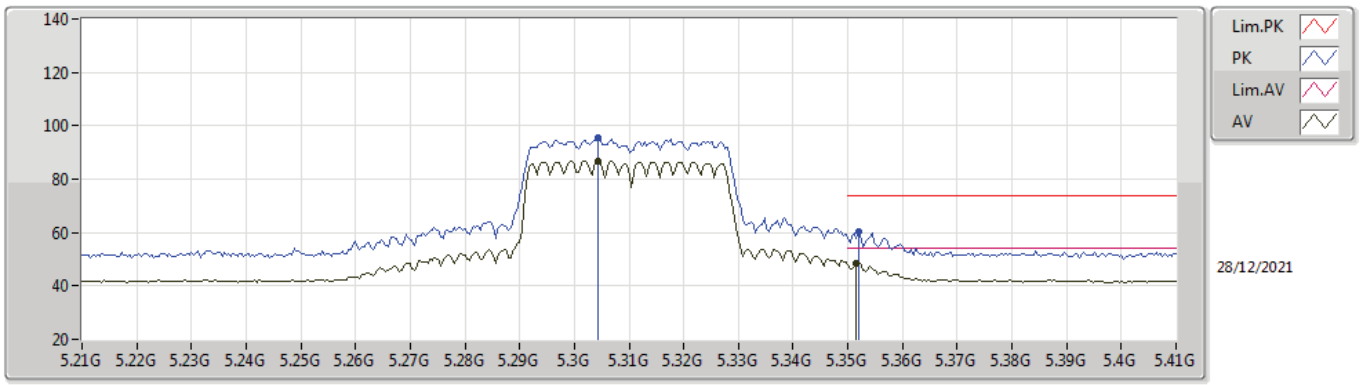
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.55416G	51.68	68.20	-16.52	13.99	3	Horizontal	42	2.82	-	37.69	38.87	9.58	34.46

802.11ac VHT40_Nss1,(MCS0)_2TX

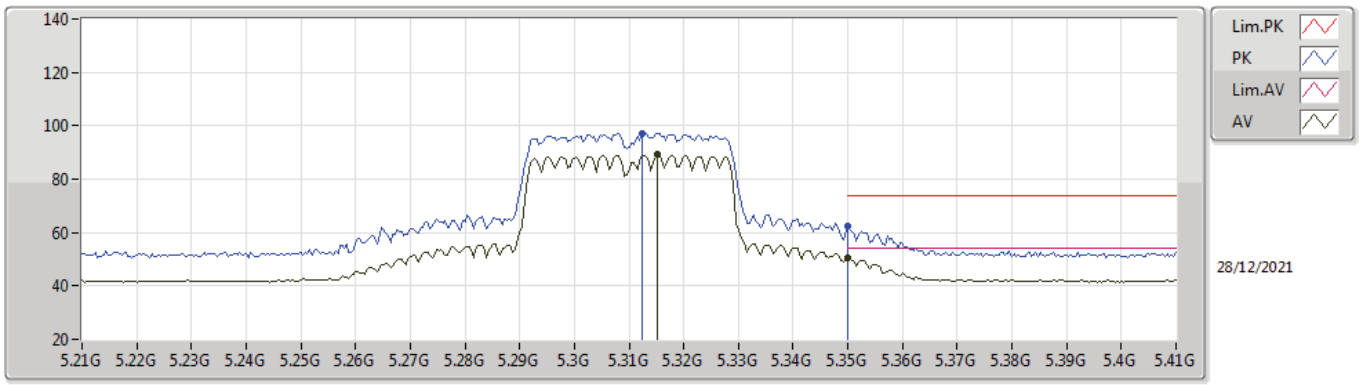
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3044G	86.74	Inf	-Inf	5.28	3	Vertical	360	1.02	-	81.46	33.08	6.65	34.45
AV	5.3516G	48.27	54.00	-5.73	5.15	3	Vertical	360	1.02	-	43.12	32.90	6.70	34.45
PK	5.3044G	95.32	Inf	-Inf	5.28	3	Vertical	360	1.02	-	90.04	33.08	6.65	34.45
PK	5.352G	60.30	74.00	-13.70	5.15	3	Vertical	360	1.02	-	55.15	32.90	6.70	34.45

802.11ac VHT40_Nss1,(MCS0)_2TX

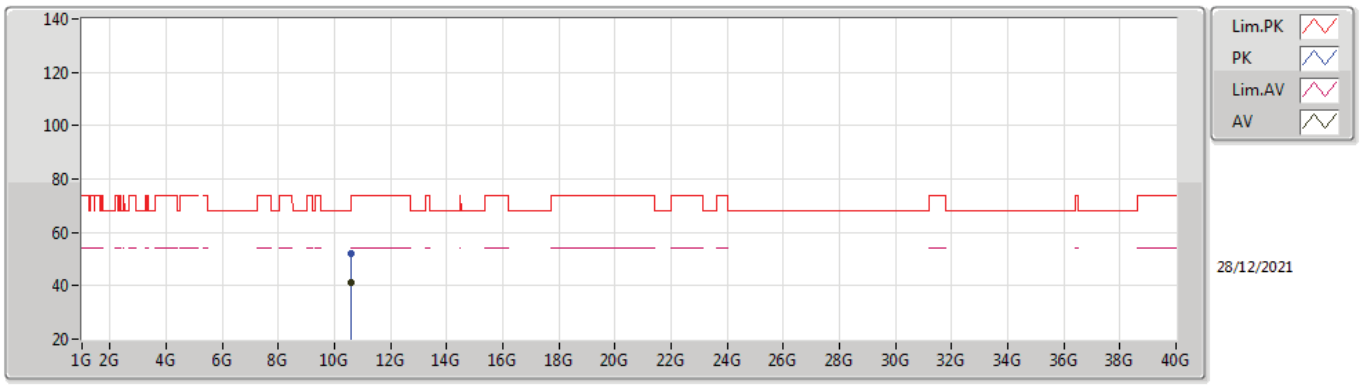
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3152G	89.07	Inf	-Inf	5.25	3	Horizontal	188	1.11	-	83.82	33.04	6.66	34.45
AV	5.35G	50.46	54.00	-3.54	5.15	3	Horizontal	188	1.11	-	45.31	32.90	6.70	34.45
PK	5.3124G	97.18	Inf	-Inf	5.26	3	Horizontal	188	1.11	-	91.92	33.05	6.66	34.45
PK	5.35G	62.24	74.00	-11.76	5.15	3	Horizontal	188	1.11	-	57.09	32.90	6.70	34.45

802.11ac VHT40_Nss1,(MCS0)_2TX

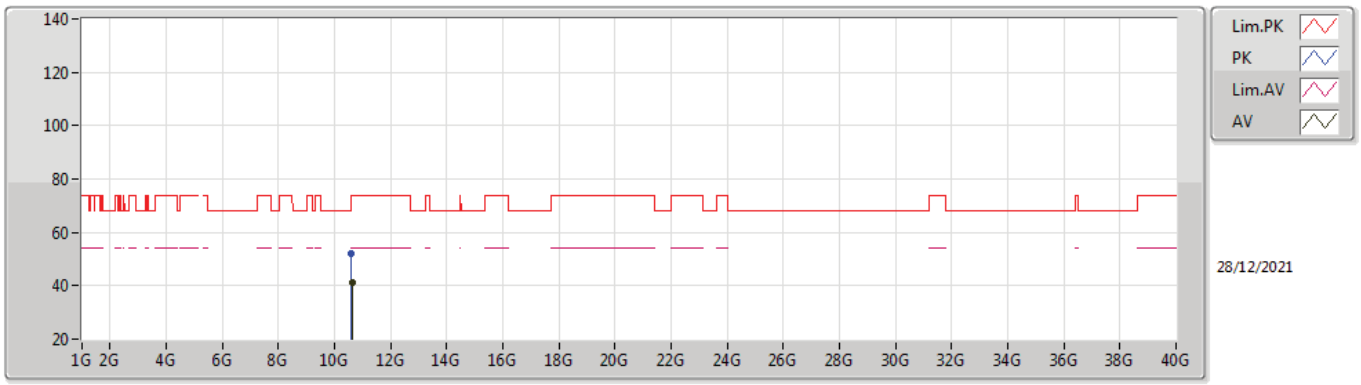
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60224G	41.18	54.00	-12.82	14.25	3	Vertical	306	2.26	-	26.93	39.10	9.59	34.44
PK	10.60552G	52.05	74.00	-21.95	14.24	3	Vertical	306	2.26	-	37.81	39.09	9.59	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

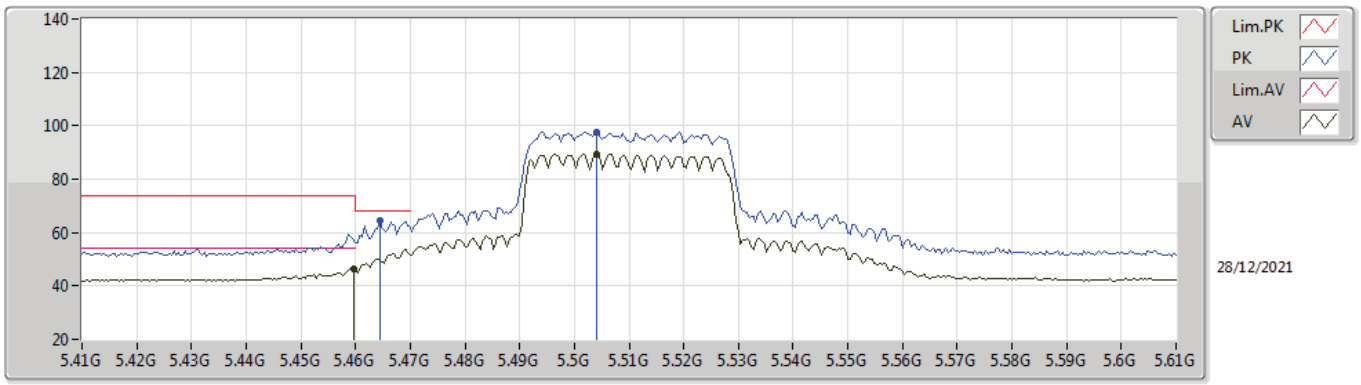
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61488G	40.97	54.00	-13.03	14.25	3	Horizontal	126	2.85	-	26.72	39.09	9.60	34.44
PK	10.60104G	52.31	74.00	-21.69	14.25	3	Horizontal	126	2.85	-	38.06	39.10	9.59	34.44

802.11ac VHT40_Nss1,(MCS0)_2TX

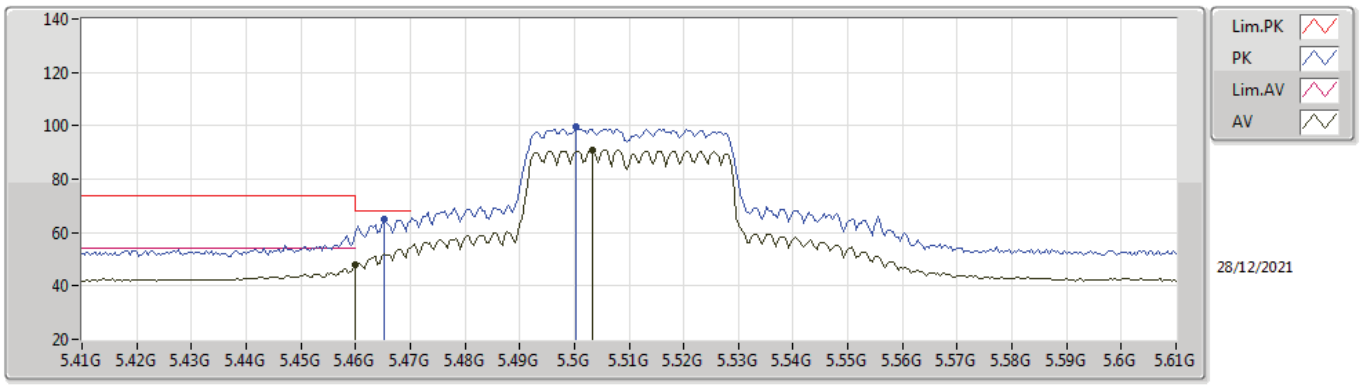
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	46.33	54.00	-7.67	5.45	3	Vertical	0	1.02	-	40.88	33.12	6.79	34.46
AV	5.504G	89.49	Inf	-Inf	5.53	3	Vertical	0	1.02	-	83.96	33.18	6.81	34.46
PK	5.4644G	64.38	68.20	-3.82	5.46	3	Vertical	0	1.02	-	58.92	33.13	6.79	34.46
PK	5.504G	97.80	Inf	-Inf	5.53	3	Vertical	0	1.02	-	92.27	33.18	6.81	34.46

802.11ac VHT40_Nss1,(MCS0)_2TX

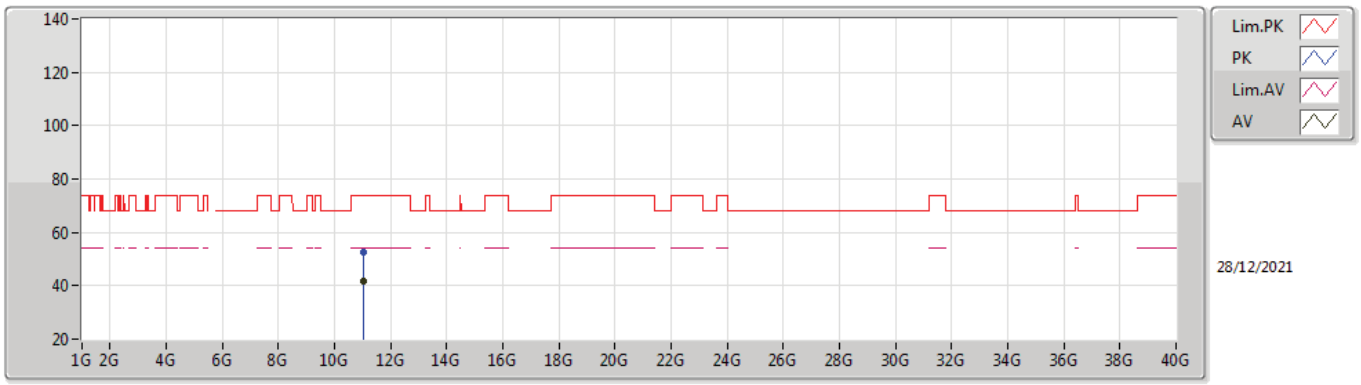
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.93	54.00	-6.07	5.45	3	Horizontal	185	1.05	-	42.48	33.12	6.79	34.46
AV	5.5032G	90.92	Inf	-Inf	5.54	3	Horizontal	185	1.05	-	85.38	33.19	6.81	34.46
PK	5.4652G	65.05	68.20	-3.15	5.46	3	Horizontal	185	1.05	-	59.59	33.13	6.79	34.46
PK	5.5004G	99.65	Inf	-Inf	5.55	3	Horizontal	185	1.05	-	94.10	33.20	6.81	34.46

802.11ac VHT40_Nss1,(MCS0)_2TX

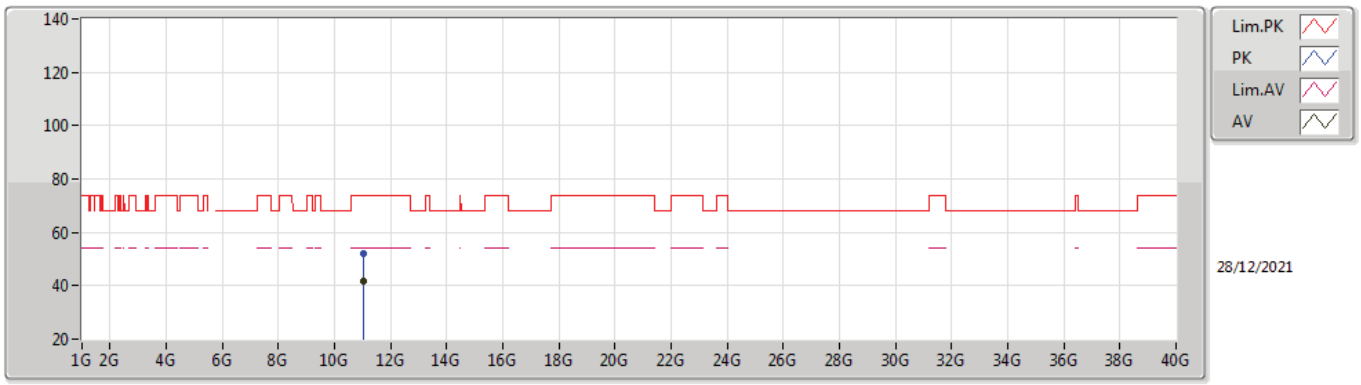
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.01664G	41.52	54.00	-12.48	14.27	3	Vertical	18	2.30	-	27.25	38.82	9.74	34.29
PK	11.03408G	52.52	74.00	-21.48	14.30	3	Vertical	18	2.30	-	38.22	38.83	9.75	34.28

802.11ac VHT40_Nss1,(MCS0)_2TX

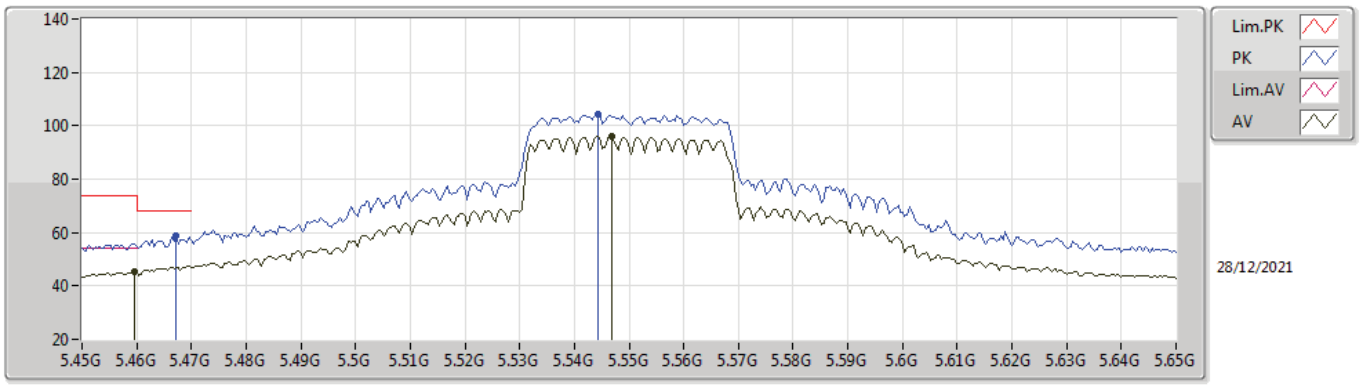
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.03808G	41.74	54.00	-12.26	14.32	3	Horizontal	297	1.42	-	27.42	38.84	9.75	34.27
PK	11.01192G	52.23	74.00	-21.77	14.26	3	Horizontal	297	1.42	-	37.97	38.81	9.74	34.29

802.11ac VHT40_Nss1,(MCS0)_2TX

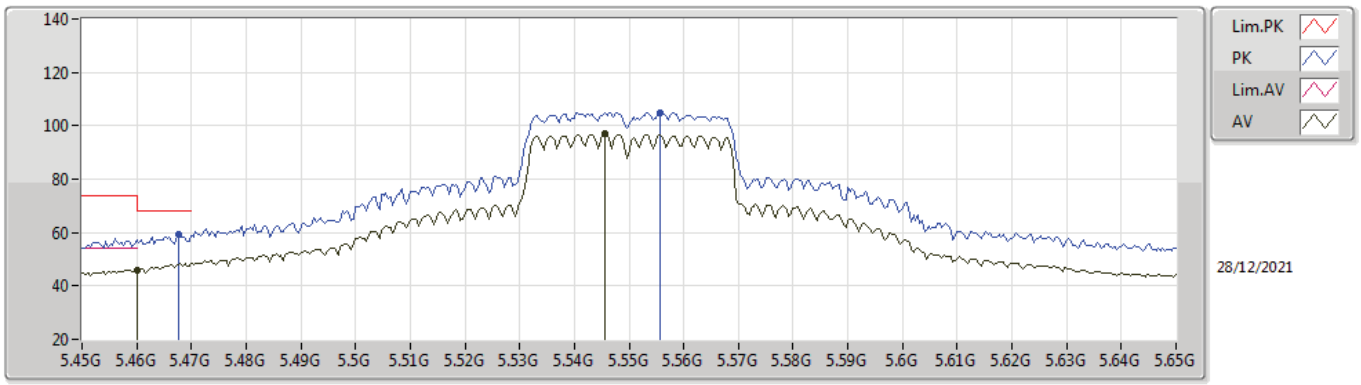
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4596G	45.44	54.00	-8.56	5.45	3	Vertical	6	1.03	-	39.99	33.12	6.79	34.46
AV	5.5468G	95.87	Inf	-Inf	5.37	3	Vertical	6	1.03	-	90.50	33.01	6.83	34.47
PK	5.4672G	58.83	68.20	-9.37	5.46	3	Vertical	6	1.03	-	53.37	33.13	6.79	34.46
PK	5.5444G	104.14	Inf	-Inf	5.38	3	Vertical	6	1.03	-	98.76	33.02	6.83	34.47

802.11ac VHT40_Nss1,(MCS0)_2TX

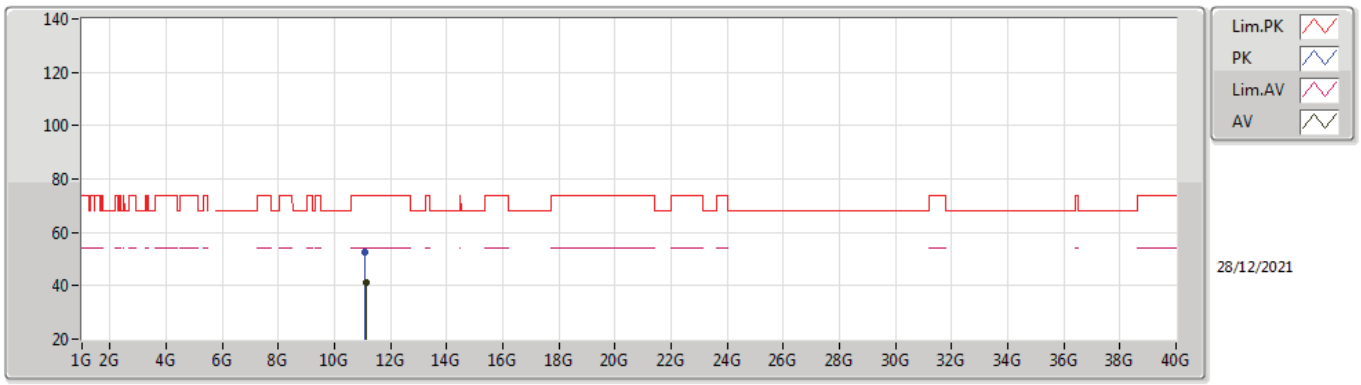
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	45.98	54.00	-8.02	5.45	3	Horizontal	187	1.10	-	40.53	33.12	6.79	34.46
AV	5.5456G	96.94	Inf	-Inf	5.38	3	Horizontal	187	1.10	-	91.56	33.02	6.83	34.47
PK	5.4676G	59.15	68.20	-9.05	5.47	3	Horizontal	187	1.10	-	53.68	33.14	6.79	34.46
PK	5.5556G	104.96	Inf	-Inf	5.39	3	Horizontal	187	1.10	-	99.57	33.02	6.84	34.47

802.11ac VHT40_Nss1,(MCS0)_2TX

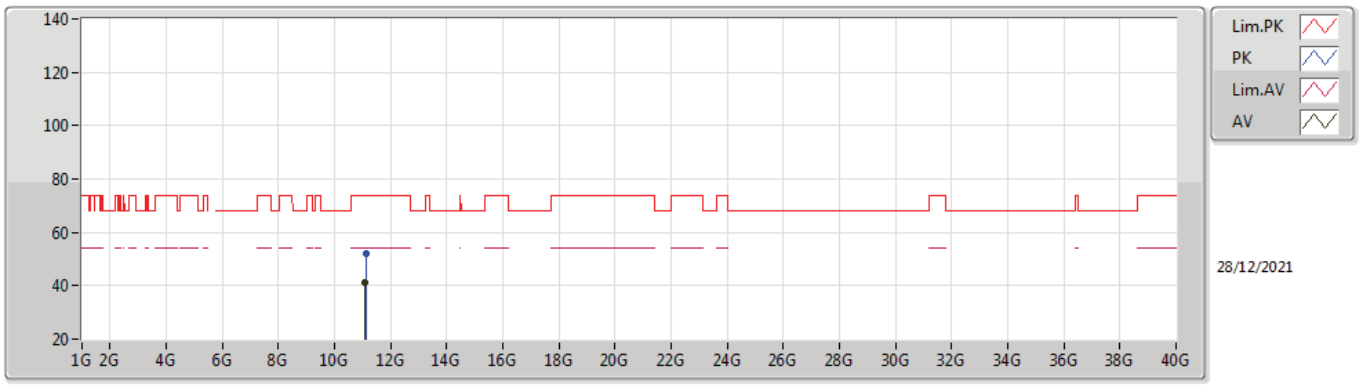
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.11976G	41.22	54.00	-12.78	14.50	3	Vertical	185	1.23	-	26.72	38.94	9.78	34.22
PK	11.09056G	52.51	74.00	-21.49	14.42	3	Vertical	185	1.23	-	38.09	38.89	9.77	34.24

802.11ac VHT40_Nss1,(MCS0)_2TX

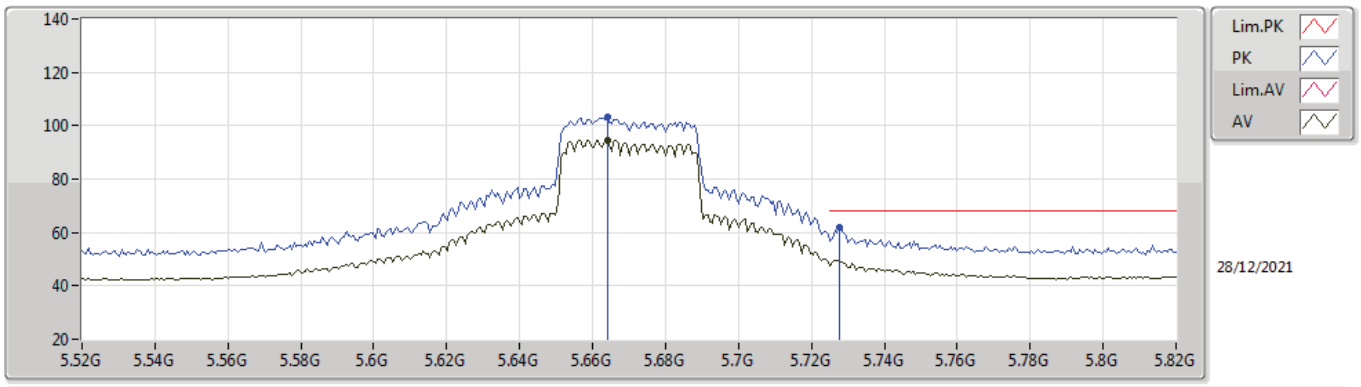
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.08016G	41.03	54.00	-12.97	14.40	3	Horizontal	190	1.48	-	26.63	38.88	9.76	34.24
PK	11.10792G	51.88	74.00	-22.12	14.47	3	Horizontal	190	1.48	-	37.41	38.92	9.77	34.22

802.11ac VHT40_Nss1,(MCS0)_2TX

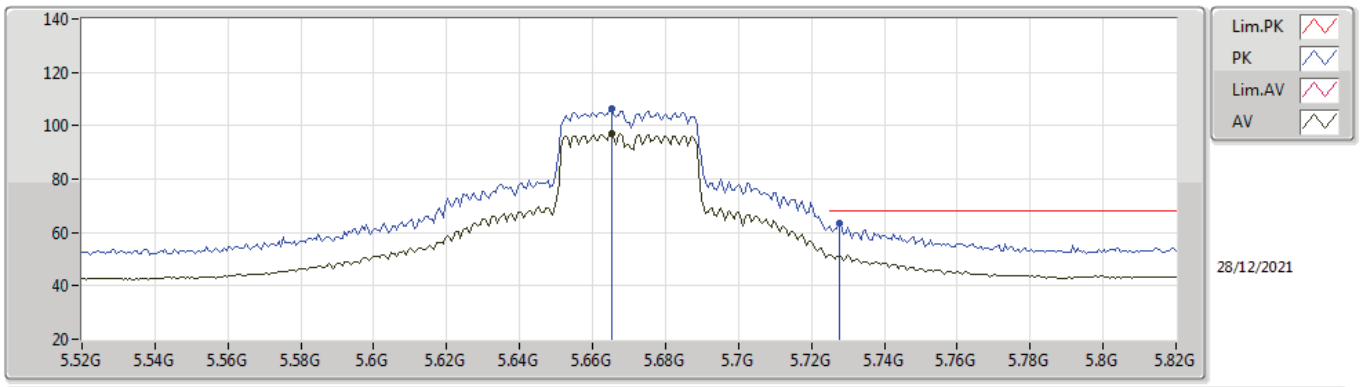
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.664G	94.47	Inf	-Inf	5.73	3	Vertical	7	1.02	-	88.74	33.33	6.88	34.48
PK	5.664G	103.07	Inf	-Inf	5.73	3	Vertical	7	1.02	-	97.34	33.33	6.88	34.48
PK	5.7276G	62.08	68.20	-6.12	6.03	3	Vertical	7	1.02	-	56.05	33.62	6.90	34.49

802.11ac VHT40_Nss1,(MCS0)_2TX

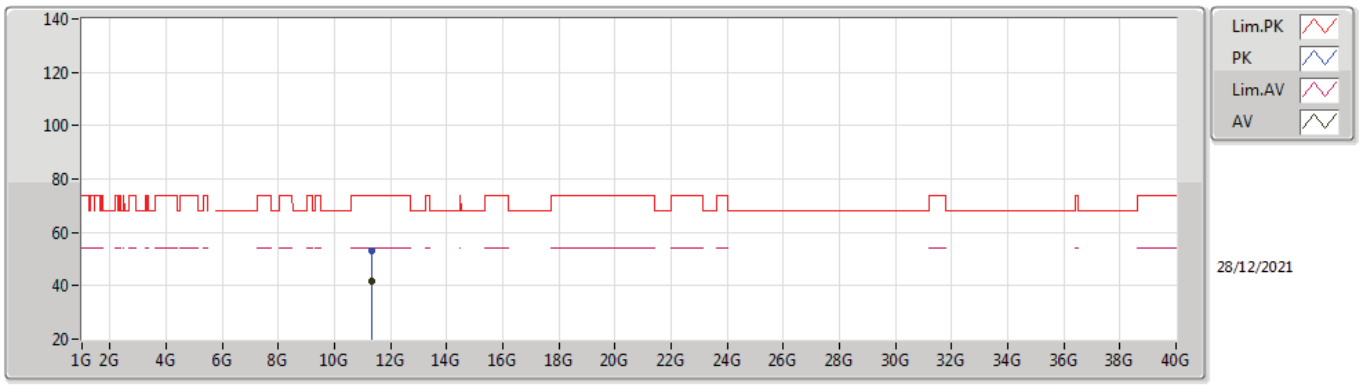
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6652G	97.00	Inf	-Inf	5.73	3	Horizontal	313	2.22	-	91.27	33.33	6.88	34.48
PK	5.6652G	106.37	Inf	-Inf	5.73	3	Horizontal	313	2.22	-	100.64	33.33	6.88	34.48
PK	5.7276G	63.39	68.20	-4.81	6.03	3	Horizontal	313	2.22	-	57.36	33.62	6.90	34.49

802.11ac VHT40_Nss1,(MCS0)_2TX

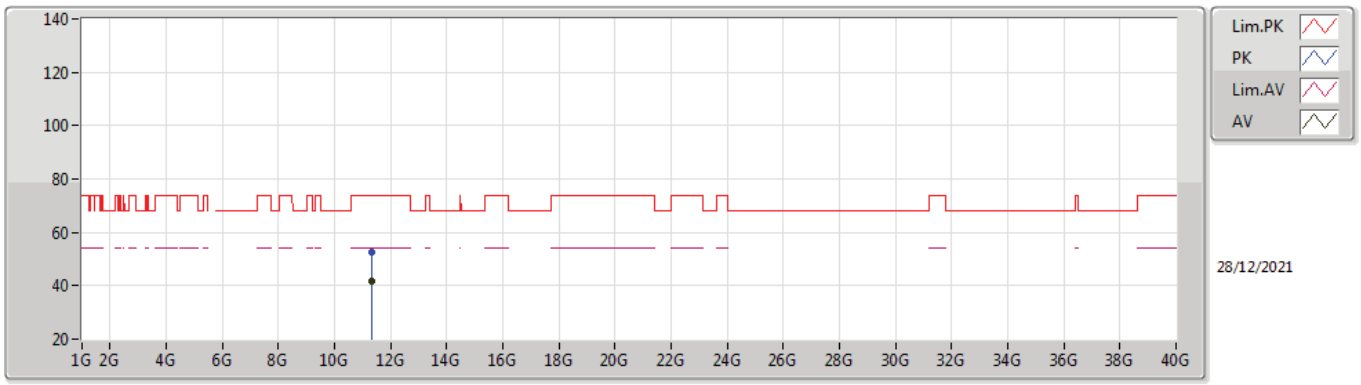
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.35192G	41.58	54.00	-12.42	14.91	3	Vertical	104	2.15	-	26.67	39.10	9.86	34.05
PK	11.34184G	52.97	74.00	-21.03	14.92	3	Vertical	104	2.15	-	38.05	39.12	9.86	34.06

802.11ac VHT40_Nss1,(MCS0)_2TX

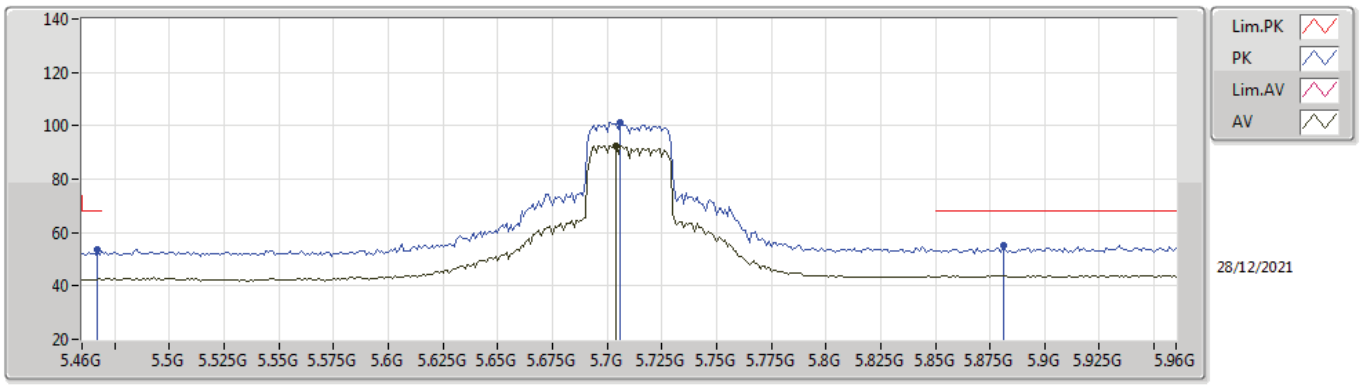
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.33728G	41.62	54.00	-12.38	14.92	3	Horizontal	103	1.55	-	26.70	39.13	9.85	34.06
PK	11.32728G	52.63	74.00	-21.37	14.93	3	Horizontal	103	1.55	-	37.70	39.15	9.85	34.07

802.11ac VHT40_Nss1,(MCS0)_2TX

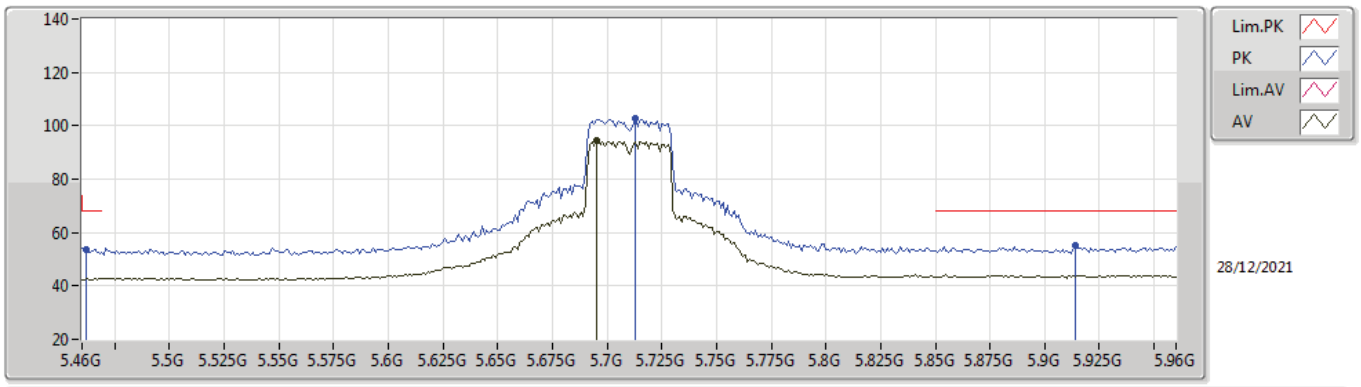
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.704G	92.65	Inf	-Inf	5.85	3	Vertical	0	1.04	-	86.80	33.43	6.90	34.48
PK	5.467G	53.69	68.20	-14.51	5.46	3	Vertical	0	1.04	-	48.23	33.13	6.79	34.46
PK	5.706G	101.46	Inf	-Inf	5.87	3	Vertical	0	1.04	-	95.59	33.45	6.90	34.48
PK	5.881G	55.37	68.20	-12.83	6.63	3	Vertical	0	1.04	-	48.74	34.14	7.00	34.51

802.11ac VHT40_Nss1,(MCS0)_2TX

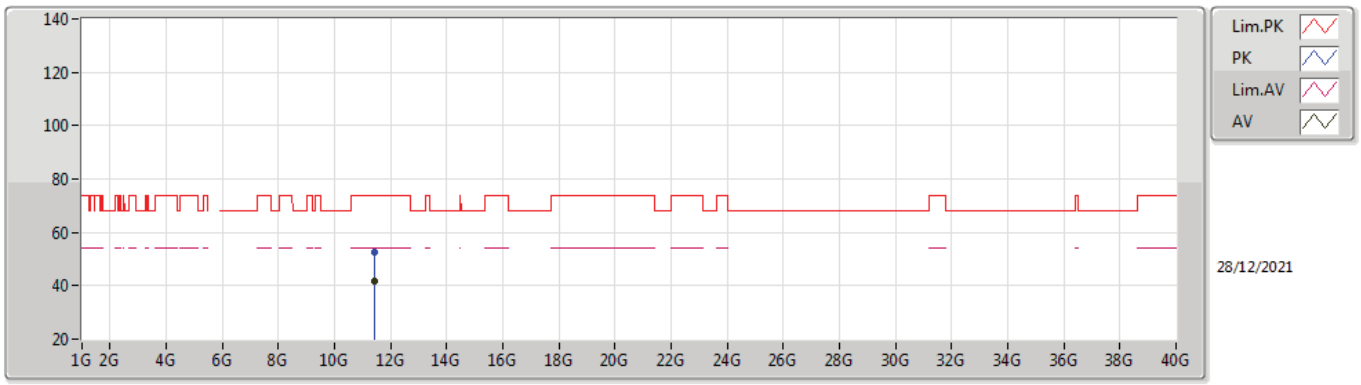
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.695G	94.32	Inf	-Inf	5.80	3	Horizontal	185	1.00	-	88.52	33.39	6.89	34.48
PK	5.462G	53.56	68.20	-14.64	5.45	3	Horizontal	185	1.00	-	48.11	33.12	6.79	34.46
PK	5.713G	102.95	Inf	-Inf	5.91	3	Horizontal	185	1.00	-	97.04	33.50	6.90	34.49
PK	5.914G	54.98	68.20	-13.22	6.70	3	Horizontal	185	1.00	-	48.28	34.18	7.03	34.51

802.11ac VHT40_Nss1,(MCS0)_2TX

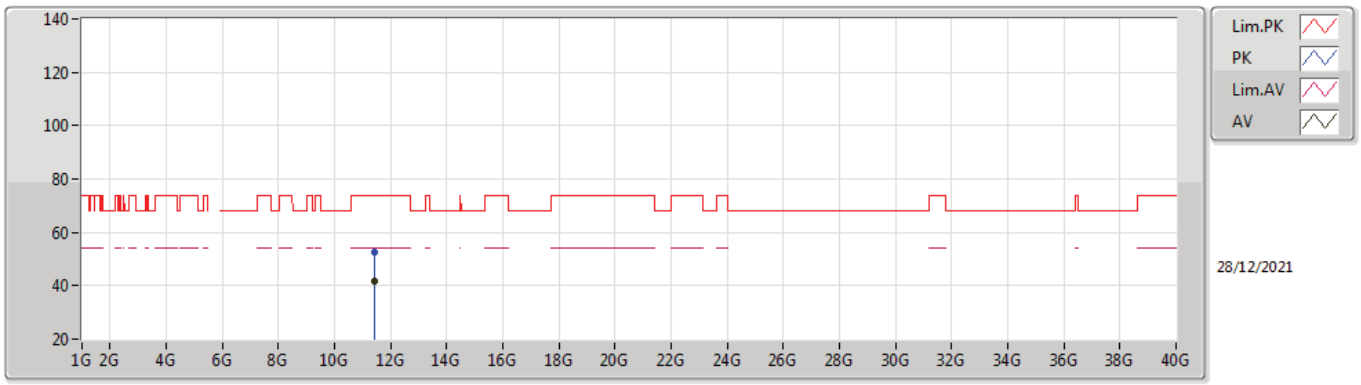
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.41048G	41.74	54.00	-12.26	14.87	3	Vertical	39	1.68	-	26.87	39.00	9.88	34.01
PK	11.42296G	52.43	74.00	-21.57	14.89	3	Vertical	39	1.68	-	37.54	39.00	9.89	34.00

802.11ac VHT40_Nss1,(MCS0)_2TX

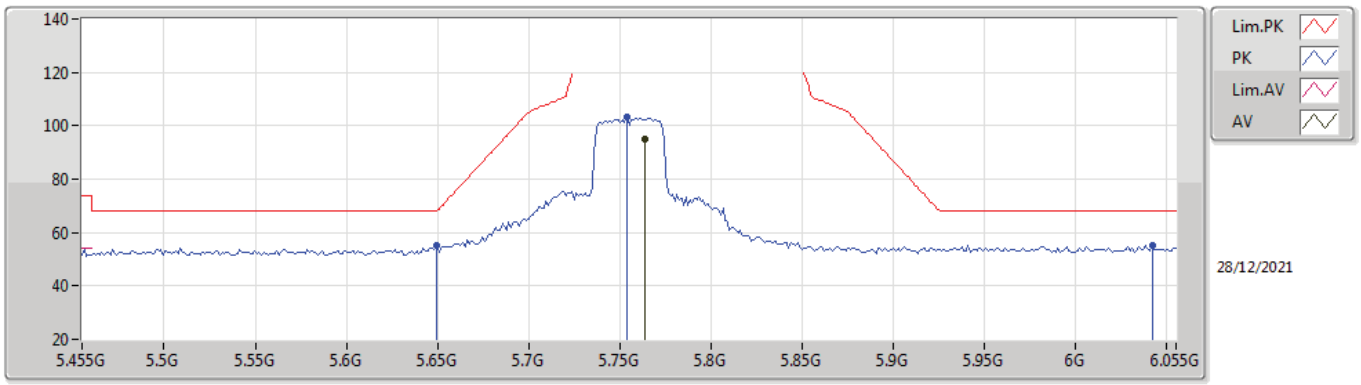
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40232G	41.77	54.00	-12.23	14.86	3	Horizontal	17	1.94	-	26.91	39.00	9.88	34.02
PK	11.43056G	52.58	74.00	-21.42	14.89	3	Horizontal	17	1.94	-	37.69	39.00	9.89	34.00

802.11ac VHT40_Nss1,(MCS0)_2TX

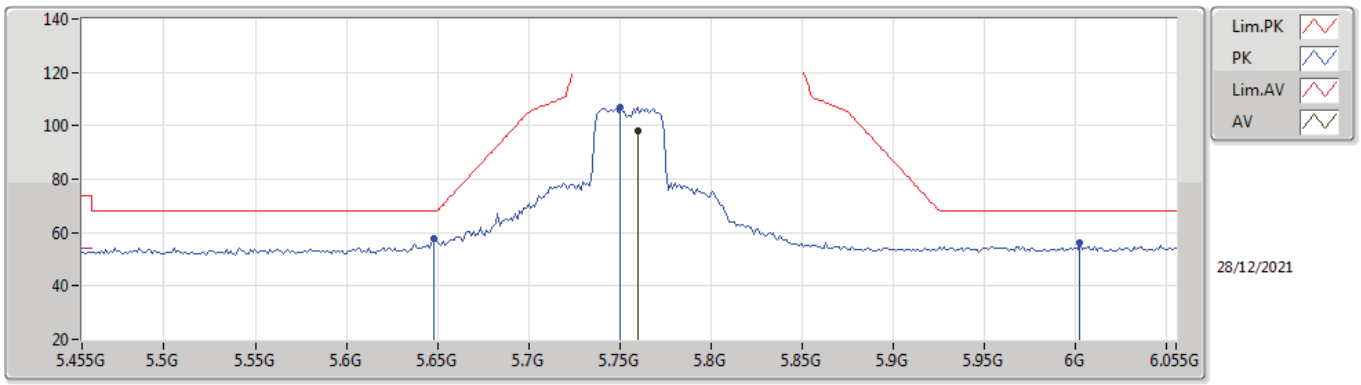
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7634G	94.78	Inf	-Inf	6.26	3	Vertical	13	1.01	-	88.52	33.83	6.92	34.49
PK	5.6494G	55.04	68.20	-13.16	5.70	3	Vertical	13	1.01	-	49.34	33.30	6.88	34.48
PK	5.7538G	103.35	Inf	-Inf	6.23	3	Vertical	13	1.01	-	97.12	33.81	6.91	34.49
PK	6.0418G	55.14	68.20	-13.06	6.96	3	Vertical	13	1.01	-	48.18	34.37	7.12	34.53

802.11ac VHT40_Nss1,(MCS0)_2TX

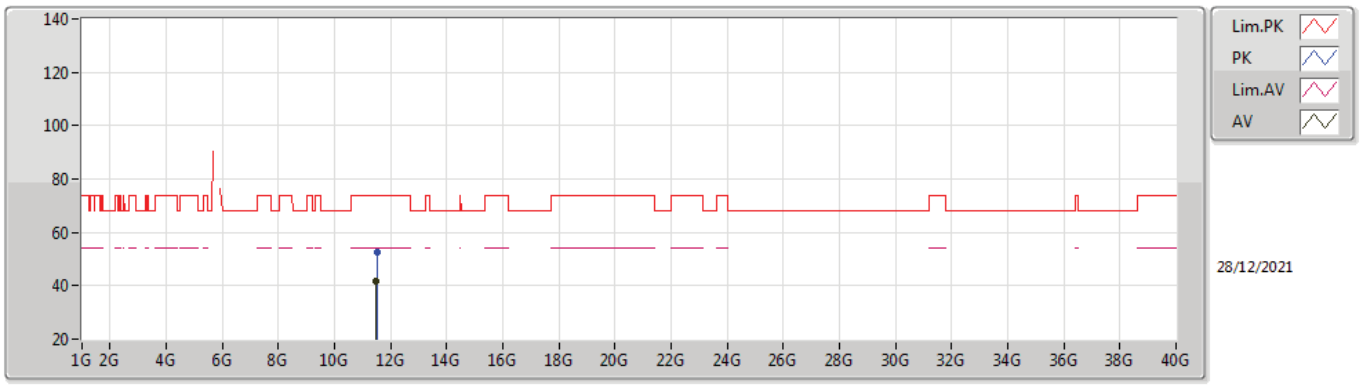
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7598G	97.98	Inf	-Inf	6.25	3	Horizontal	311	2.18	-	91.73	33.82	6.92	34.49
PK	5.6482G	57.71	68.20	-10.49	5.70	3	Horizontal	311	2.18	-	52.01	33.30	6.88	34.48
PK	5.7502G	106.97	Inf	-Inf	6.22	3	Horizontal	311	2.18	-	100.75	33.80	6.91	34.49
PK	6.0022G	55.98	68.20	-12.22	6.80	3	Horizontal	311	2.18	-	49.18	34.21	7.11	34.52

802.11ac VHT40_Nss1,(MCS0)_2TX

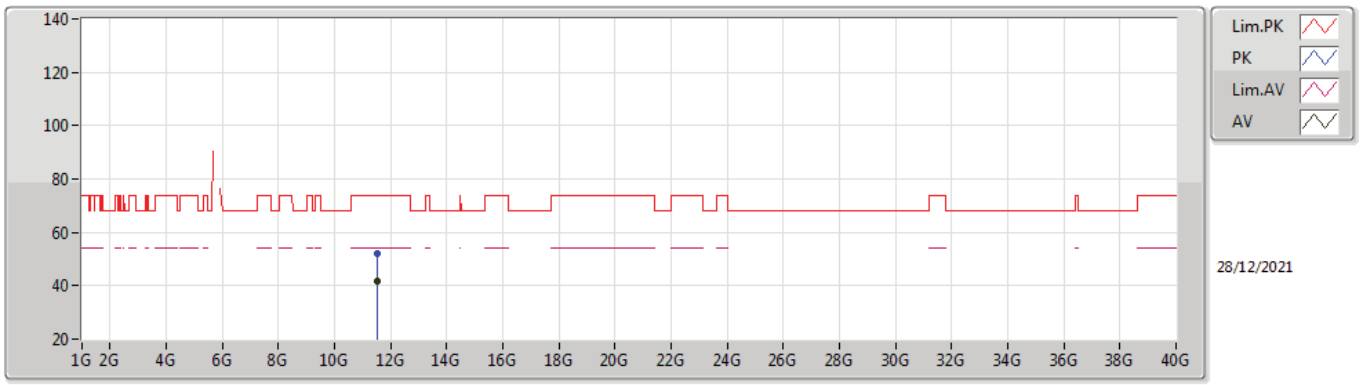
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49984G	41.61	54.00	-12.39	14.96	3	Vertical	55	1.72	-	26.65	39.00	9.91	33.95
PK	11.50792G	52.84	74.00	-21.16	14.96	3	Vertical	55	1.72	-	37.88	38.99	9.92	33.95

802.11ac VHT40_Nss1,(MCS0)_2TX

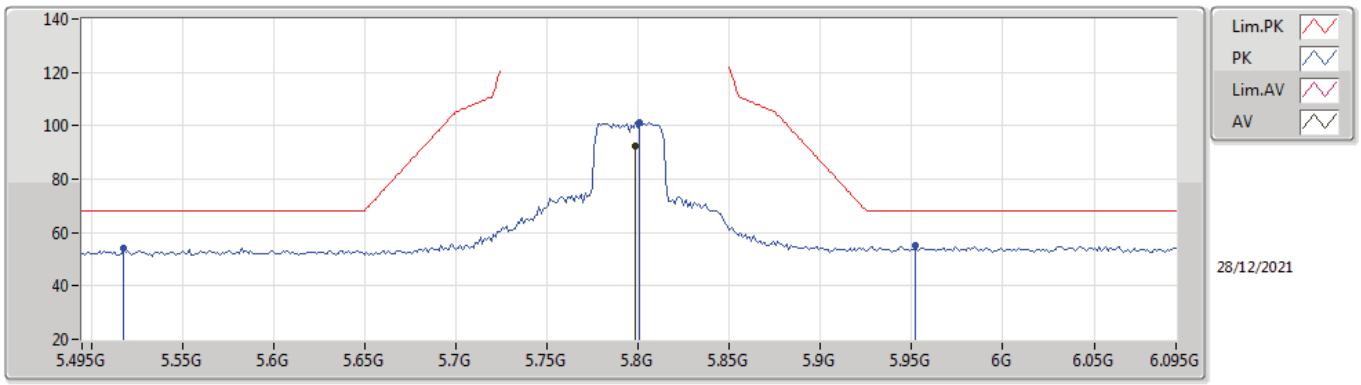
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.52712G	41.71	54.00	-12.29	14.92	3	Horizontal	35	2.11	-	26.79	38.97	9.92	33.97
PK	11.52896G	52.01	74.00	-21.99	14.92	3	Horizontal	35	2.11	-	37.09	38.97	9.92	33.97

802.11ac VHT40_Nss1,(MCS0)_2TX

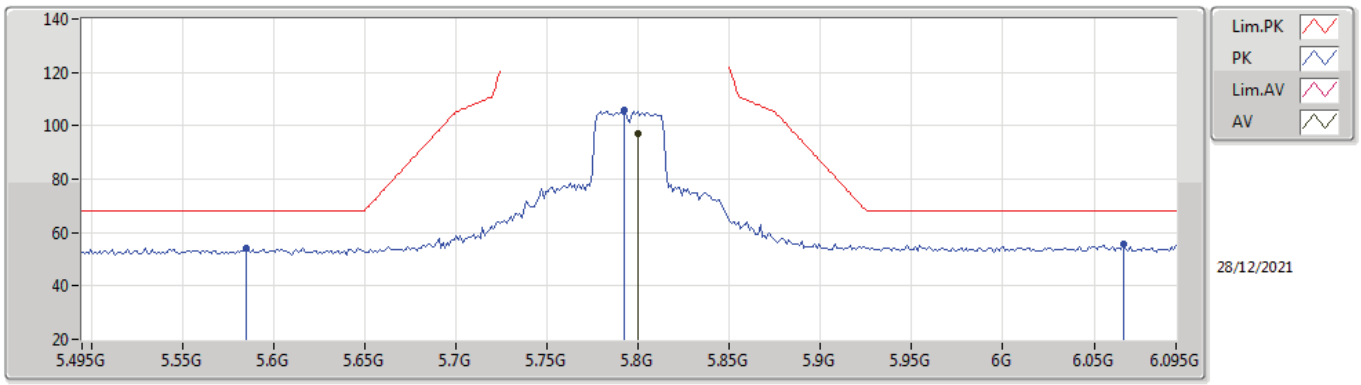
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7986G	92.67	Inf	-Inf	6.33	3	Vertical	0	1.01	-	86.34	33.90	6.93	34.50
PK	5.5178G	54.07	68.20	-14.13	5.49	3	Vertical	0	1.01	-	48.58	33.13	6.82	34.46
PK	5.801G	101.21	Inf	-Inf	6.34	3	Vertical	0	1.01	-	94.87	33.91	6.93	34.50
PK	5.9522G	55.41	68.20	-12.79	6.95	3	Vertical	0	1.01	-	48.46	34.39	7.07	34.51

802.11ac VHT40_Nss1,(MCS0)_2TX

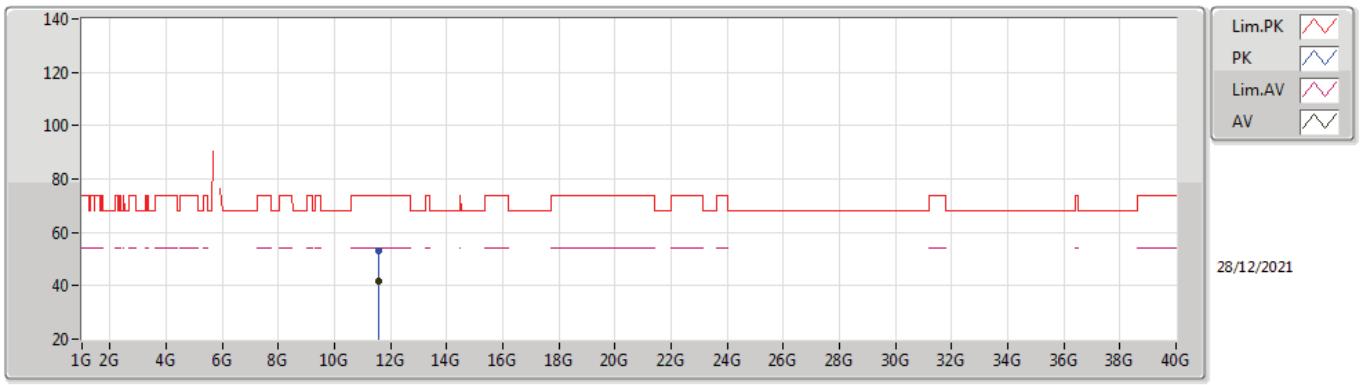
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7998G	97.13	Inf	-Inf	6.33	3	Horizontal	311	2.23	-	90.80	33.90	6.93	34.50
PK	5.585G	54.13	68.20	-14.07	5.52	3	Horizontal	311	2.23	-	48.61	33.14	6.85	34.47
PK	5.7926G	105.74	Inf	-Inf	6.32	3	Horizontal	311	2.23	-	99.42	33.89	6.93	34.50
PK	6.0662G	55.49	68.20	-12.71	6.93	3	Horizontal	311	2.23	-	48.56	34.34	7.13	34.54

802.11ac VHT40_Nss1,(MCS0)_2TX

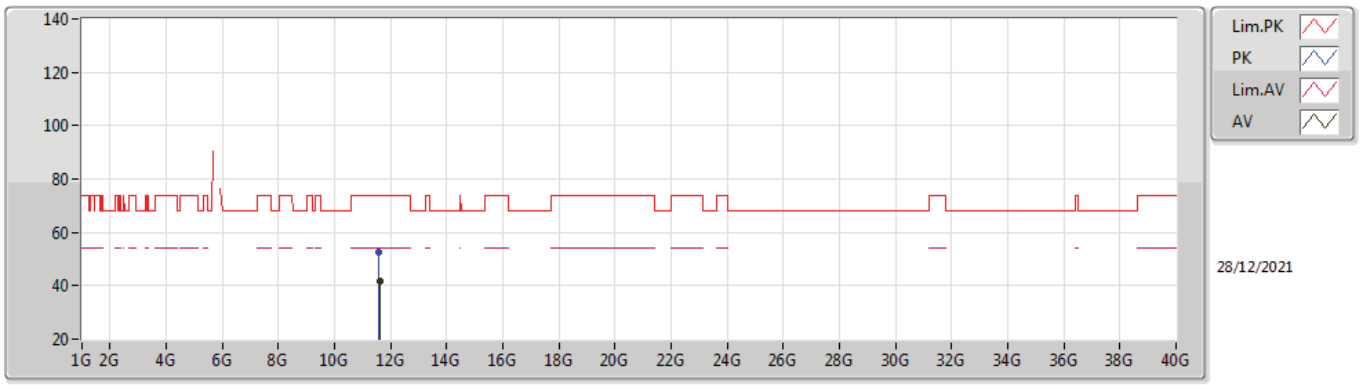
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5908G	41.59	54.00	-12.41	14.84	3	Vertical	344	1.50	-	26.75	38.91	9.94	34.01
PK	11.58992G	52.86	74.00	-21.14	14.84	3	Vertical	344	1.50	-	38.02	38.91	9.94	34.01

802.11ac VHT40_Nss1,(MCS0)_2TX

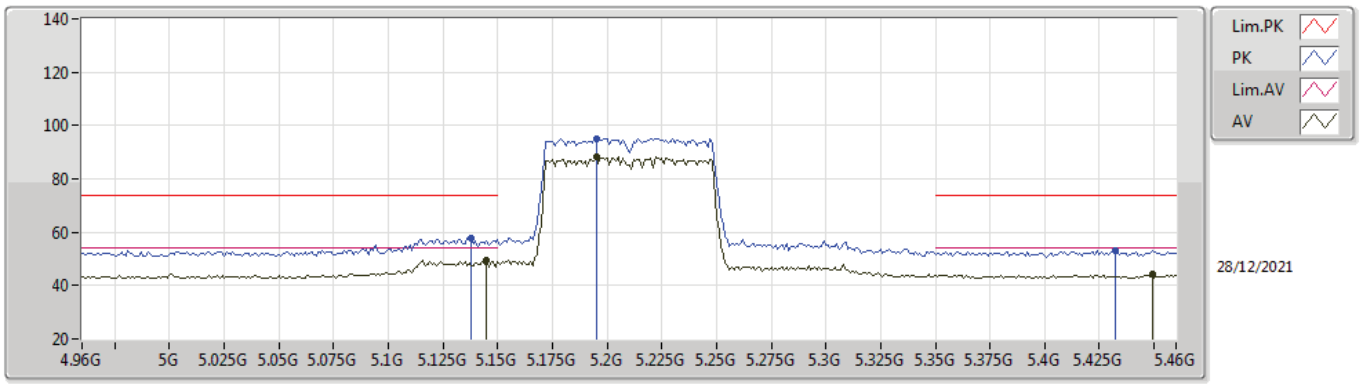
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.60216G	41.52	54.00	-12.48	14.84	3	Horizontal	183	1.60	-	26.68	38.90	9.95	34.01
PK	11.59264G	52.47	74.00	-21.53	14.85	3	Horizontal	183	1.60	-	37.62	38.91	9.95	34.01

802.11ac VHT80_Nss1,(MCS0)_2TX

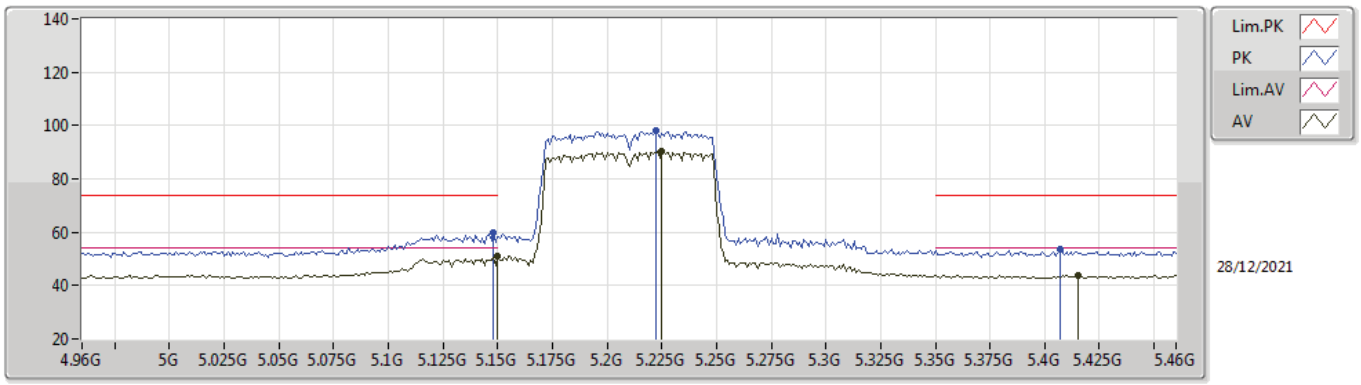
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.145G	49.32	54.00	-4.68	5.16	3	Vertical	3	1.01	-	44.16	33.11	6.49	34.44
AV	5.195G	88.09	Inf	-Inf	5.10	3	Vertical	3	1.01	-	82.99	33.01	6.53	34.44
AV	5.449G	44.15	54.00	-9.85	5.42	3	Vertical	3	1.01	-	38.73	33.10	6.78	34.46
PK	5.138G	57.90	74.00	-16.10	5.16	3	Vertical	3	1.01	-	52.74	33.12	6.48	34.44
PK	5.195G	95.07	Inf	-Inf	5.10	3	Vertical	3	1.01	-	89.97	33.01	6.53	34.44
PK	5.432G	53.26	74.00	-20.74	5.38	3	Vertical	3	1.01	-	47.88	33.06	6.78	34.46

802.11ac VHT80_Nss1,(MCS0)_2TX

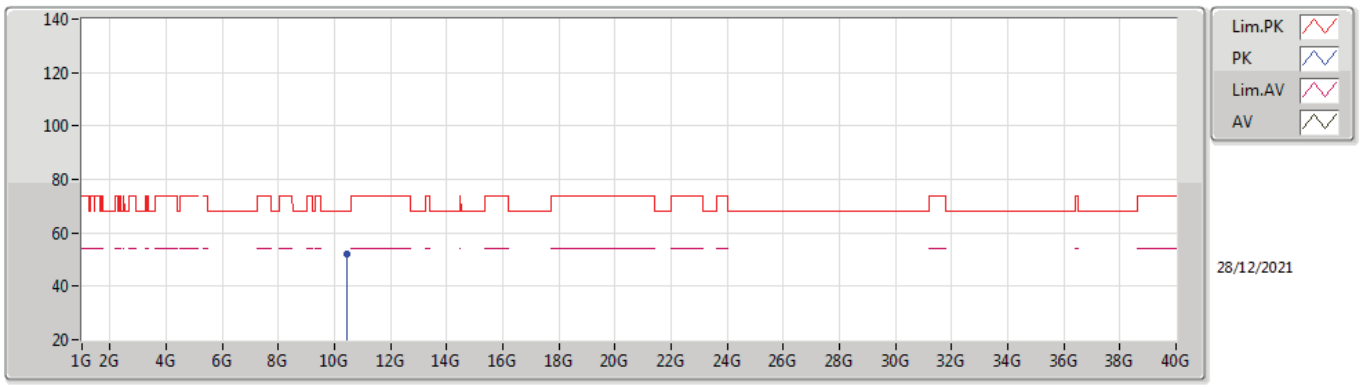
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	50.82	54.00	-3.18	5.15	3	Horizontal	193	1.10	-	45.67	33.10	6.49	34.44
AV	5.225G	90.52	Inf	-Inf	5.07	3	Horizontal	193	1.10	-	85.45	32.95	6.56	34.44
AV	5.415G	43.91	54.00	-10.09	5.35	3	Horizontal	193	1.10	-	38.56	33.03	6.77	34.45
PK	5.148G	59.69	74.00	-14.31	5.15	3	Horizontal	193	1.10	-	54.54	33.10	6.49	34.44
PK	5.222G	98.18	Inf	-Inf	5.08	3	Horizontal	193	1.10	-	93.10	32.96	6.56	34.44
PK	5.407G	53.38	74.00	-20.62	5.32	3	Horizontal	193	1.10	-	48.06	33.01	6.76	34.45

802.11ac VHT80_Nss1,(MCS0)_2TX

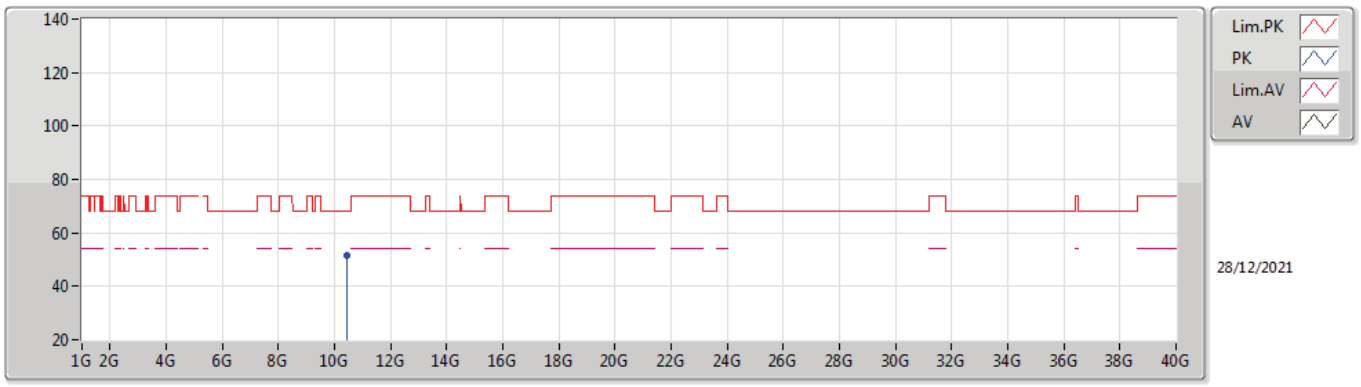
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.42824G	52.20	68.20	-16.00	13.61	3	Vertical	354	1.20	-	38.59	38.67	9.53	34.59

802.11ac VHT80_Nss1,(MCS0)_2TX

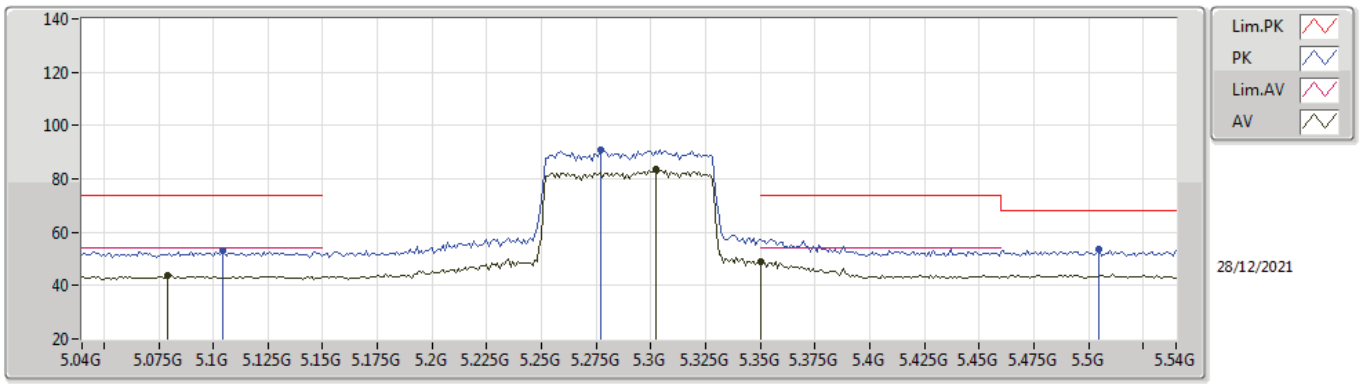
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.42992G	51.80	68.20	-16.40	13.61	3	Horizontal	48	2.38	-	38.19	38.67	9.53	34.59

802.11ac VHT80_Nss1,(MCS0)_2TX

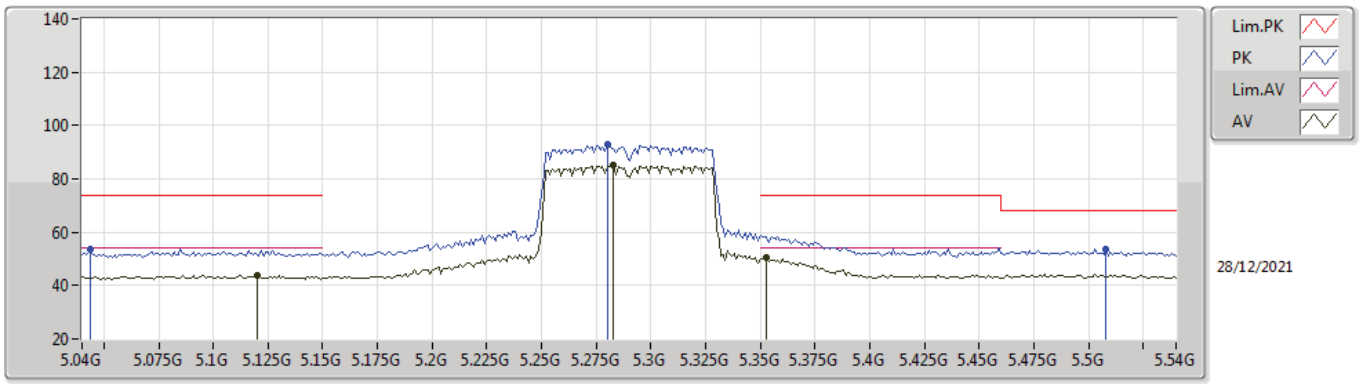
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.079G	43.75	54.00	-10.25	5.13	3	Vertical	360	1.01	-	38.62	33.12	6.44	34.43
AV	5.302G	83.41	Inf	-Inf	5.29	3	Vertical	360	1.01	-	78.12	33.09	6.65	34.45
AV	5.35G	48.76	54.00	-5.24	5.15	3	Vertical	360	1.01	-	43.61	32.90	6.70	34.45
PK	5.104G	52.97	74.00	-21.03	5.21	3	Vertical	360	1.01	-	47.76	33.19	6.46	34.44
PK	5.277G	91.11	Inf	-Inf	5.18	3	Vertical	360	1.01	-	85.93	33.01	6.62	34.45
PK	5.505G	53.46	68.20	-14.74	5.53	3	Vertical	360	1.01	-	47.93	33.18	6.81	34.46

802.11ac VHT80_Nss1,(MCS0)_2TX

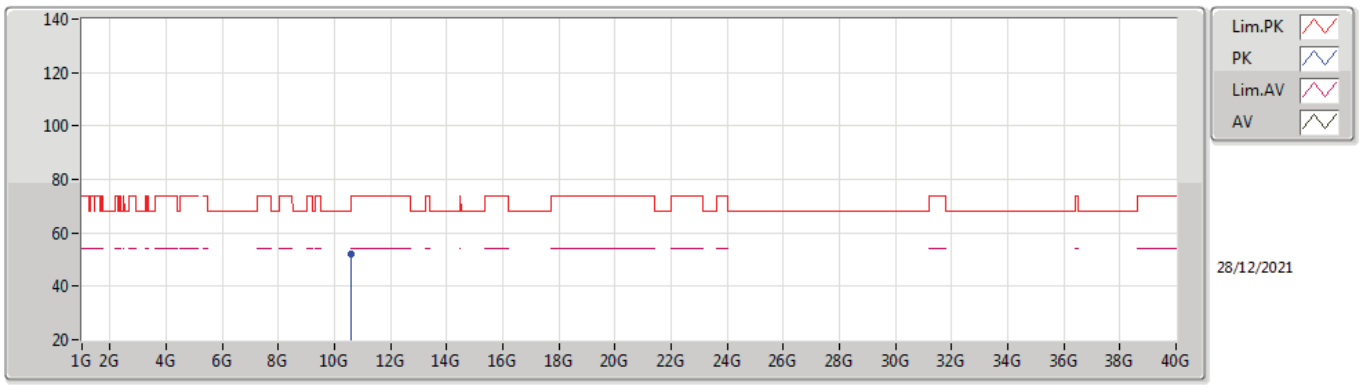
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.12G	44.00	54.00	-10.00	5.19	3	Horizontal	187	1.07	-	38.81	33.16	6.47	34.44
AV	5.283G	85.26	Inf	-Inf	5.21	3	Horizontal	187	1.07	-	80.05	33.03	6.63	34.45
AV	5.353G	50.71	54.00	-3.29	5.17	3	Horizontal	187	1.07	-	45.54	32.91	6.71	34.45
PK	5.044G	53.60	74.00	-20.40	5.02	3	Horizontal	187	1.07	-	48.58	33.04	6.41	34.43
PK	5.28G	92.84	Inf	-Inf	5.19	3	Horizontal	187	1.07	-	87.65	33.02	6.62	34.45
PK	5.508G	53.65	68.20	-14.55	5.52	3	Horizontal	187	1.07	-	48.13	33.17	6.81	34.46

802.11ac VHT80_Nss1,(MCS0)_2TX

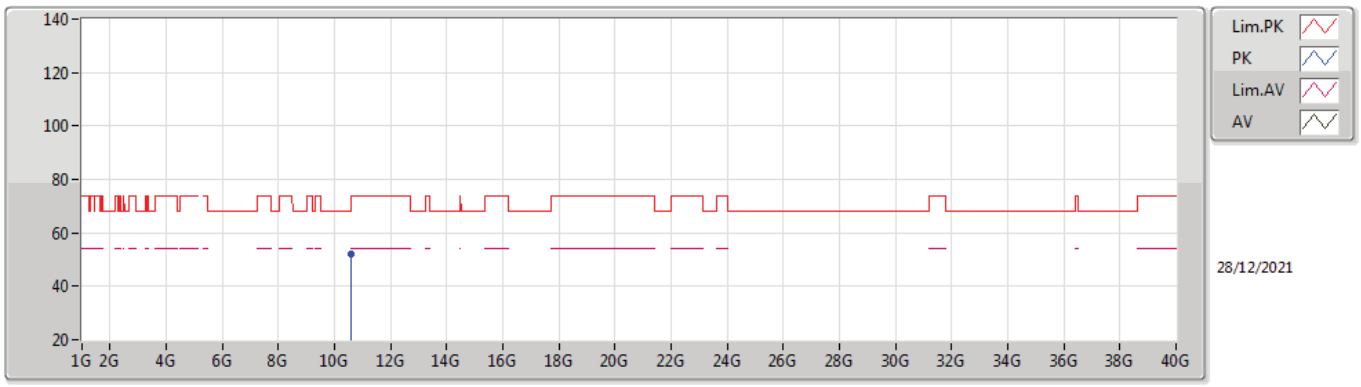
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.5788G	51.87	68.20	-16.33	14.13	3	Vertical	215	2.57	-	37.74	38.99	9.59	34.45

802.11ac VHT80_Nss1,(MCS0)_2TX

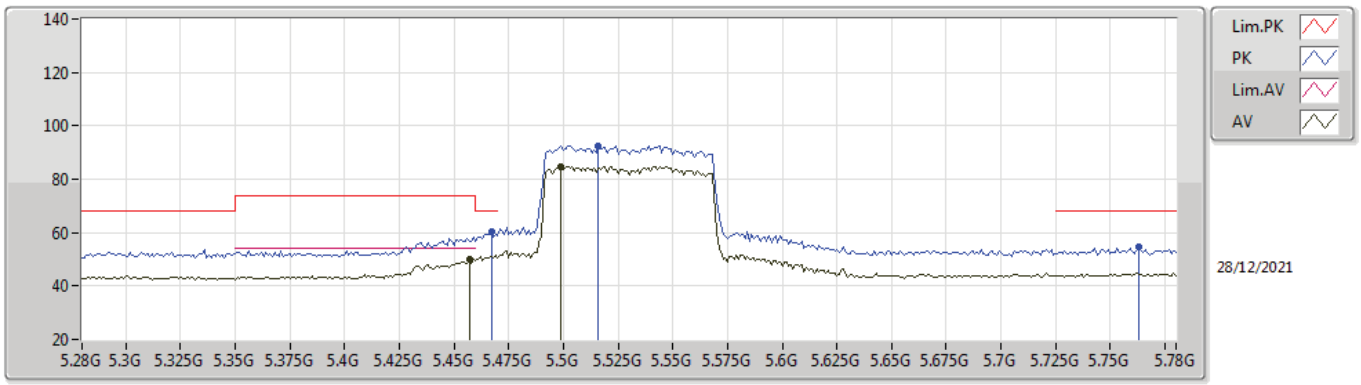
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.594G	52.19	68.20	-16.01	14.21	3	Horizontal	42	2.04	-	37.98	39.07	9.59	34.45

802.11ac VHT80_Nss1,(MCS0)_2TX

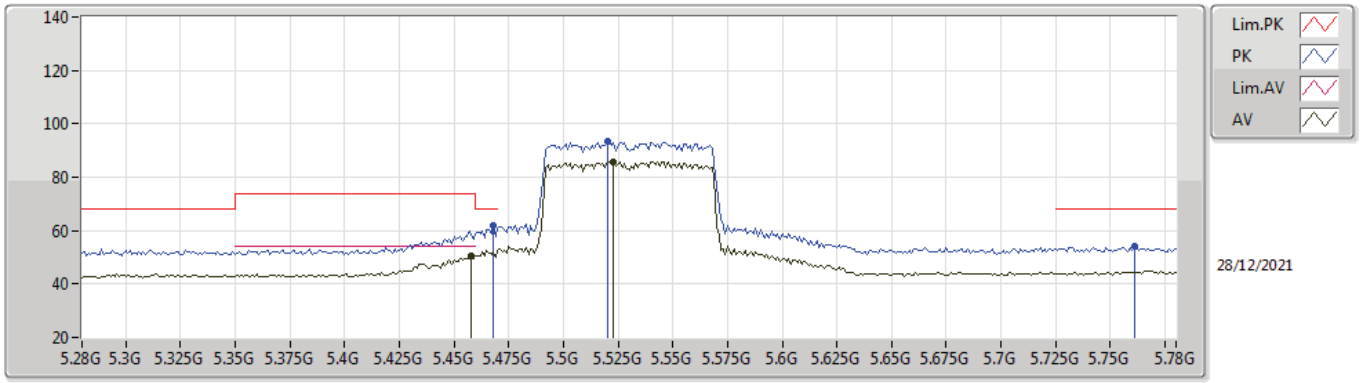
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	50.03	54.00	-3.97	5.44	3	Vertical	5	1.03	-	44.59	33.11	6.79	34.46
AV	5.499G	84.85	Inf	-Inf	5.55	3	Vertical	5	1.03	-	79.30	33.20	6.81	34.46
PK	5.467G	60.10	68.20	-8.10	5.46	3	Vertical	5	1.03	-	54.64	33.13	6.79	34.46
PK	5.516G	92.38	Inf	-Inf	5.50	3	Vertical	5	1.03	-	86.88	33.14	6.82	34.46
PK	5.763G	54.88	68.20	-13.32	6.26	3	Vertical	5	1.03	-	48.62	33.83	6.92	34.49

802.11ac VHT80_Nss1,(MCS0)_2TX

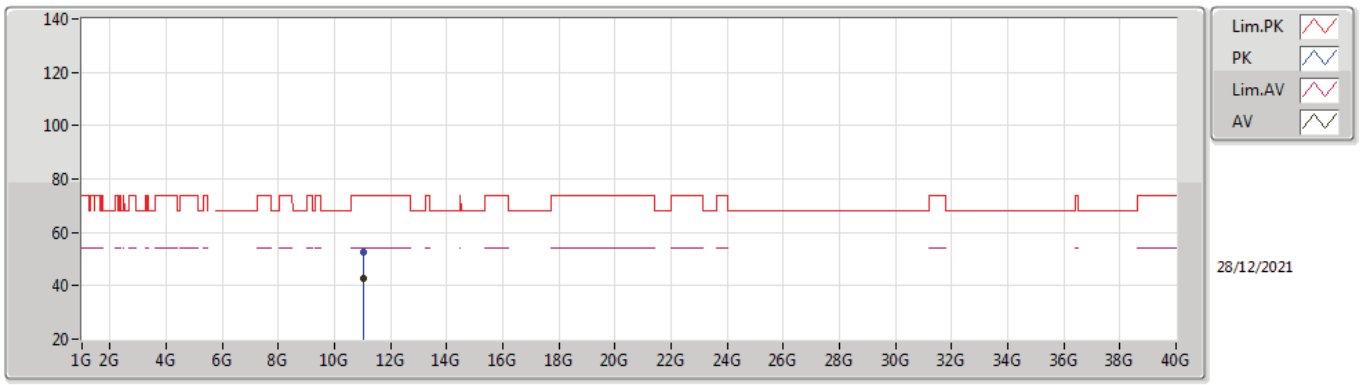
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.458G	50.67	54.00	-3.33	5.45	3	Horizontal	186	1.00	-	45.22	33.12	6.79	34.46
AV	5.523G	85.87	Inf	-Inf	5.47	3	Horizontal	186	1.00	-	80.40	33.11	6.82	34.46
PK	5.468G	61.75	68.20	-6.45	5.47	3	Horizontal	186	1.00	-	56.28	33.14	6.79	34.46
PK	5.52G	93.27	Inf	-Inf	5.48	3	Horizontal	186	1.00	-	87.79	33.12	6.82	34.46
PK	5.761G	54.31	68.20	-13.89	6.25	3	Horizontal	186	1.00	-	48.06	33.82	6.92	34.49

802.11ac VHT80_Nss1,(MCS0)_2TX

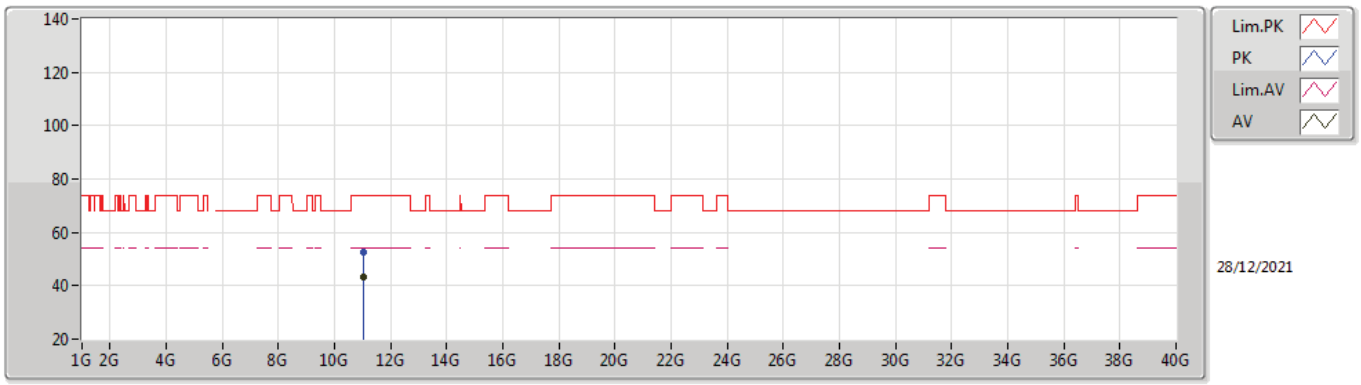
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0488G	42.85	54.00	-11.15	14.33	3	Vertical	14	1.91	-	28.52	38.85	9.75	34.27
PK	11.02304G	52.36	74.00	-21.64	14.28	3	Vertical	14	1.91	-	38.08	38.82	9.74	34.28

802.11ac VHT80_Nss1,(MCS0)_2TX

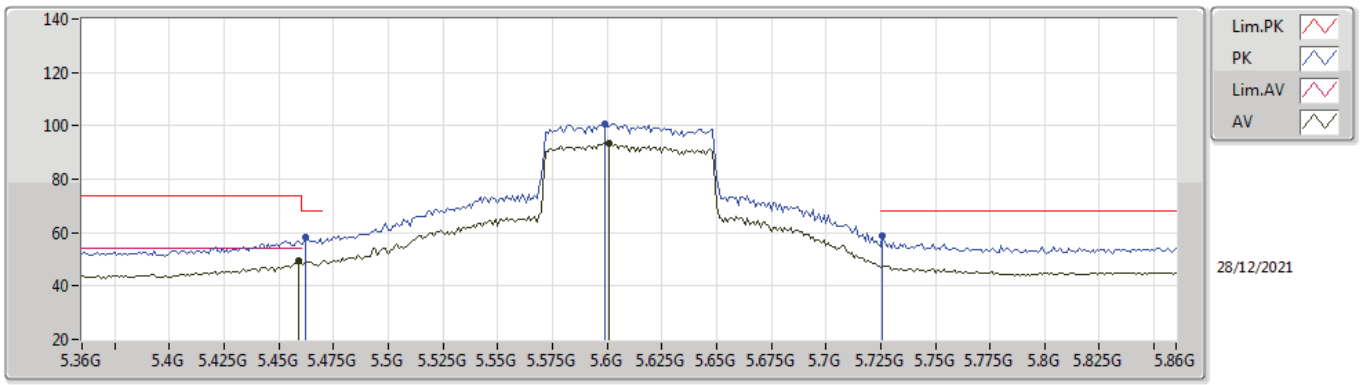
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.04432G	43.19	54.00	-10.81	14.32	3	Horizontal	193	2.56	-	28.87	38.84	9.75	34.27
PK	11.04688G	52.68	74.00	-21.32	14.33	3	Horizontal	193	2.56	-	38.35	38.85	9.75	34.27

802.11ac VHT80_Nss1,(MCS0)_2TX

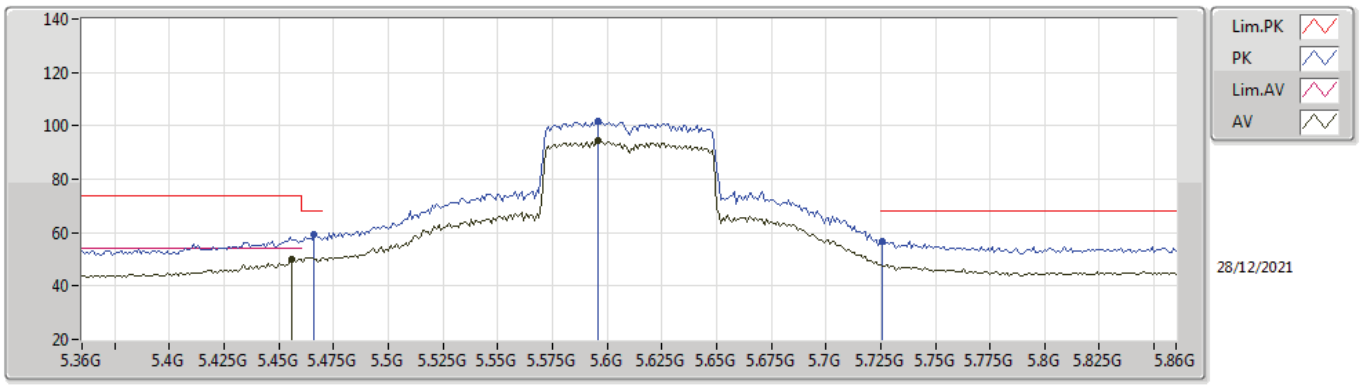
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	49.34	54.00	-4.66	5.45	3	Vertical	8	1.01	-	43.89	33.12	6.79	34.46
AV	5.601G	93.39	Inf	-Inf	5.59	3	Vertical	8	1.01	-	87.80	33.20	6.86	34.47
PK	5.462G	58.44	68.20	-9.76	5.45	3	Vertical	8	1.01	-	52.99	33.12	6.79	34.46
PK	5.599G	100.58	Inf	-Inf	5.59	3	Vertical	8	1.01	-	94.99	33.20	6.86	34.47
PK	5.726G	58.65	68.20	-9.55	6.02	3	Vertical	8	1.01	-	52.63	33.61	6.90	34.49

802.11ac VHT80_Nss1,(MCS0)_2TX

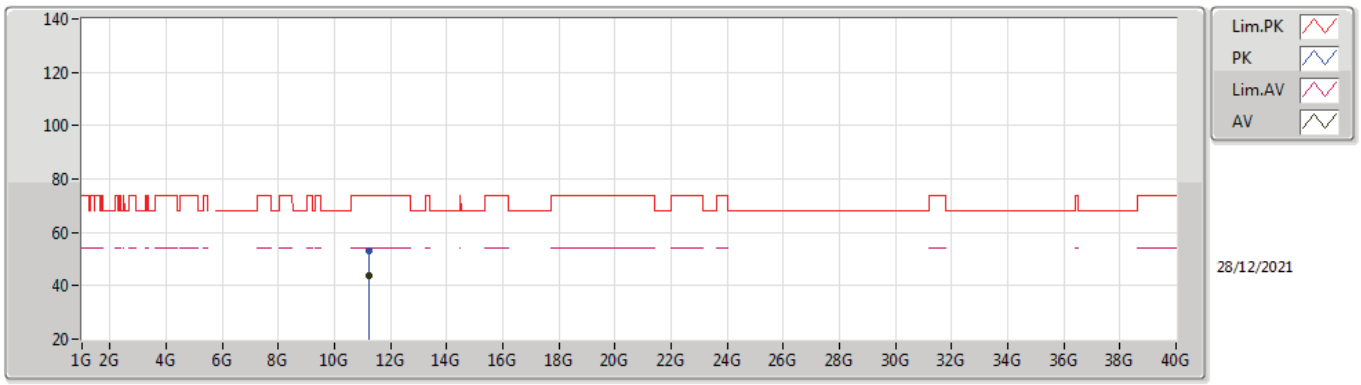
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.456G	50.05	54.00	-3.95	5.44	3	Horizontal	186	1.12	-	44.61	33.11	6.79	34.46
AV	5.596G	94.49	Inf	-Inf	5.57	3	Horizontal	186	1.12	-	88.92	33.18	6.86	34.47
PK	5.466G	59.40	68.20	-8.80	5.46	3	Horizontal	186	1.12	-	53.94	33.13	6.79	34.46
PK	5.596G	101.63	Inf	-Inf	5.57	3	Horizontal	186	1.12	-	96.06	33.18	6.86	34.47
PK	5.726G	56.89	68.20	-11.31	6.02	3	Horizontal	186	1.12	-	50.87	33.61	6.90	34.49

802.11ac VHT80_Nss1,(MCS0)_2TX

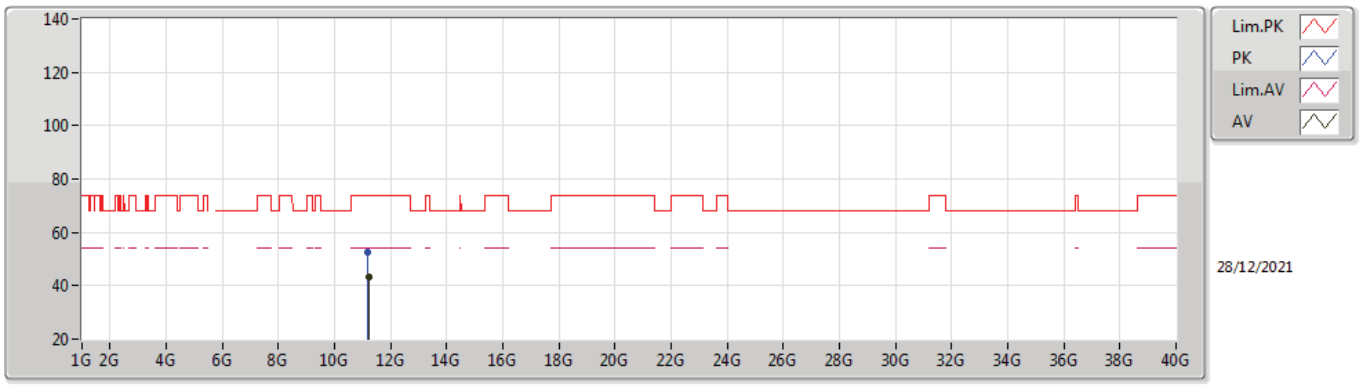
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.22688G	43.80	54.00	-10.20	14.81	3	Vertical	353	1.11	-	28.99	39.13	9.82	34.14
PK	11.22592G	53.24	74.00	-20.76	14.81	3	Vertical	353	1.11	-	38.43	39.13	9.82	34.14

802.11ac VHT80_Nss1,(MCS0)_2TX

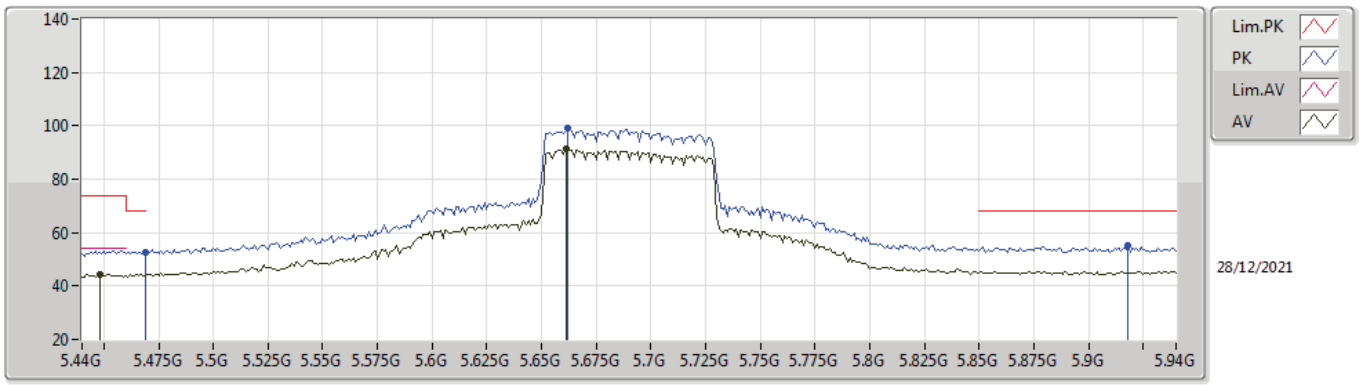
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.2368G	43.52	54.00	-10.48	14.83	3	Horizontal	174	2.52	-	28.69	39.14	9.82	34.13
PK	11.18192G	52.79	74.00	-21.21	14.69	3	Horizontal	174	2.52	-	38.10	39.06	9.80	34.17

802.11ac VHT80_Nss1,(MCS0)_2TX

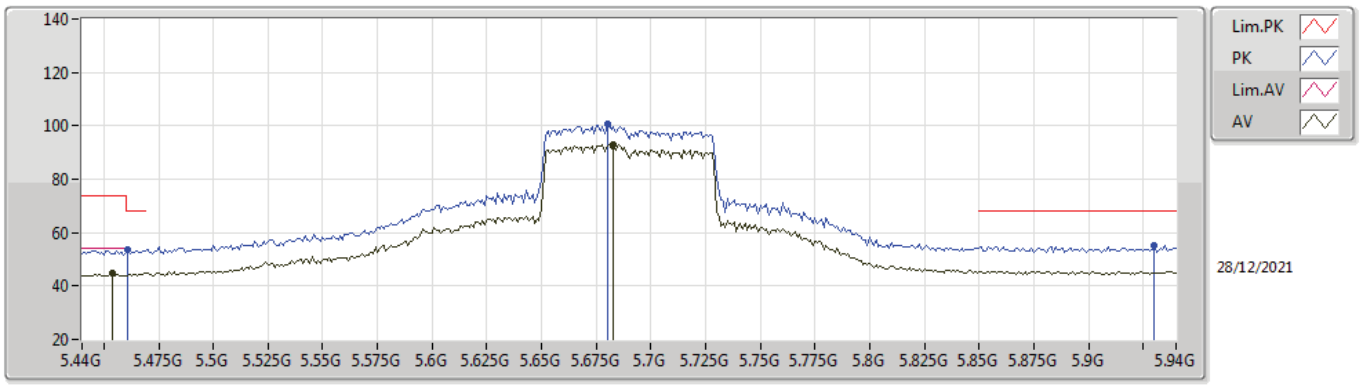
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.448G	44.46	54.00	-9.54	5.42	3	Vertical	0	1.01	-	39.04	33.10	6.78	34.46
AV	5.661G	91.50	Inf	-Inf	5.72	3	Vertical	0	1.01	-	85.78	33.32	6.88	34.48
PK	5.469G	52.83	68.20	-15.37	5.47	3	Vertical	0	1.01	-	47.36	33.14	6.79	34.46
PK	5.662G	99.37	Inf	-Inf	5.72	3	Vertical	0	1.01	-	93.65	33.32	6.88	34.48
PK	5.918G	55.11	68.20	-13.09	6.74	3	Vertical	0	1.01	-	48.37	34.21	7.04	34.51

802.11ac VHT80_Nss1,(MCS0)_2TX

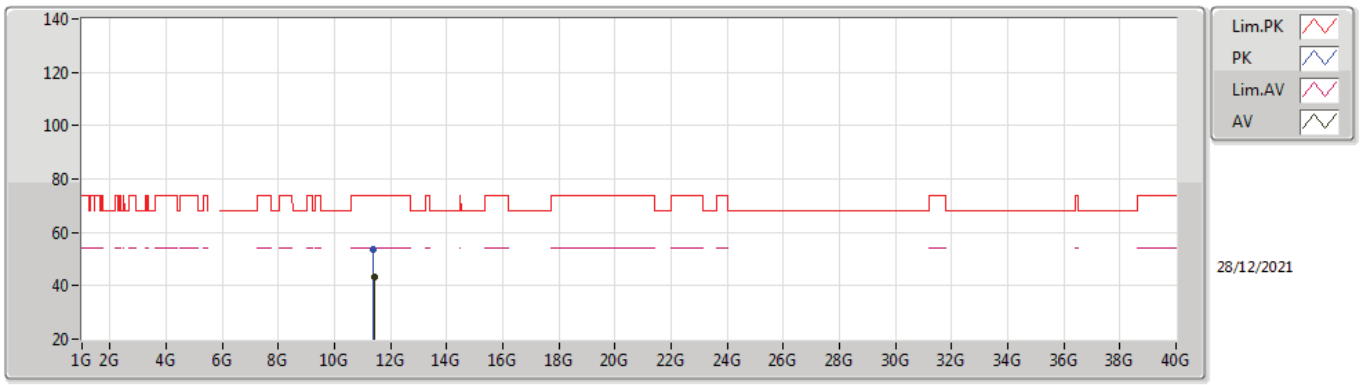
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.454G	45.00	54.00	-9.00	5.44	3	Horizontal	186	1.12	-	39.56	33.11	6.79	34.46
AV	5.683G	92.87	Inf	-Inf	5.78	3	Horizontal	186	1.12	-	87.09	33.37	6.89	34.48
PK	5.461G	53.61	68.20	-14.59	5.45	3	Horizontal	186	1.12	-	48.16	33.12	6.79	34.46
PK	5.68G	100.57	Inf	-Inf	5.77	3	Horizontal	186	1.12	-	94.80	33.36	6.89	34.48
PK	5.93G	55.31	68.20	-12.89	6.82	3	Horizontal	186	1.12	-	48.49	34.28	7.05	34.51

802.11ac VHT80_Nss1,(MCS0)_2TX

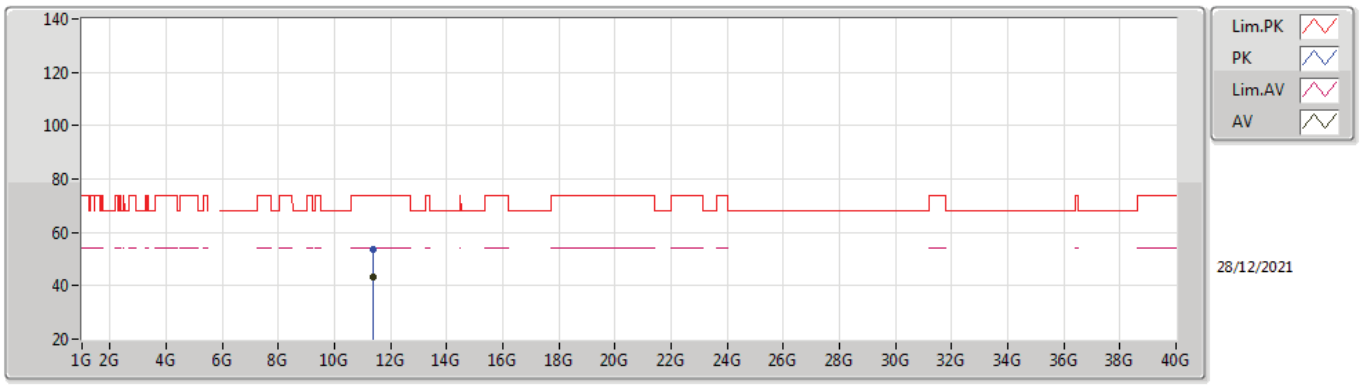
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4064G	43.32	54.00	-10.68	14.86	3	Vertical	229	1.50	-	28.46	39.00	9.88	34.02
PK	11.4016G	53.46	74.00	-20.54	14.86	3	Vertical	229	1.50	-	38.60	39.00	9.88	34.02

802.11ac VHT80_Nss1,(MCS0)_2TX

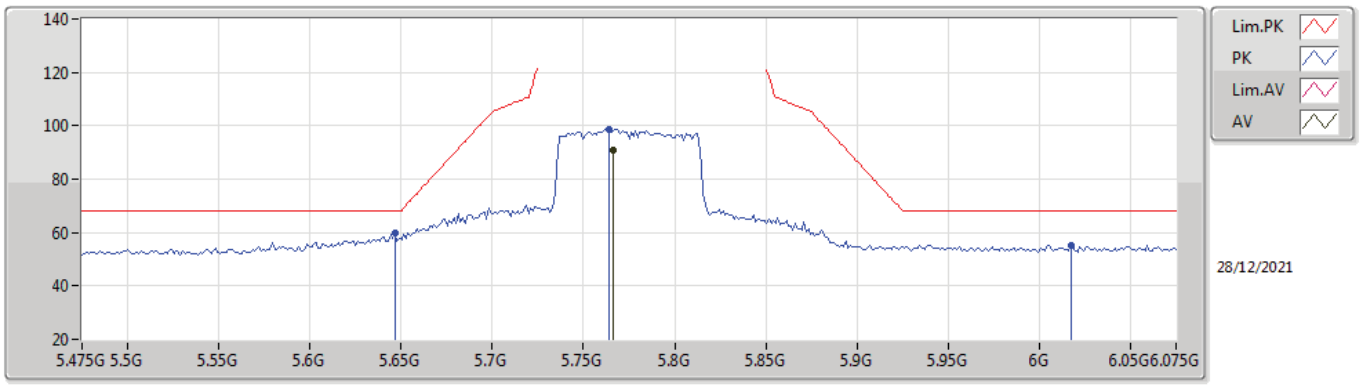
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3728G	43.46	54.00	-10.54	14.88	3	Horizontal	10	2.65	-	28.58	39.05	9.87	34.04
PK	11.388G	53.53	74.00	-20.47	14.86	3	Horizontal	10	2.65	-	38.67	39.02	9.87	34.03

802.11ac VHT80_Nss1,(MCS0)_2TX

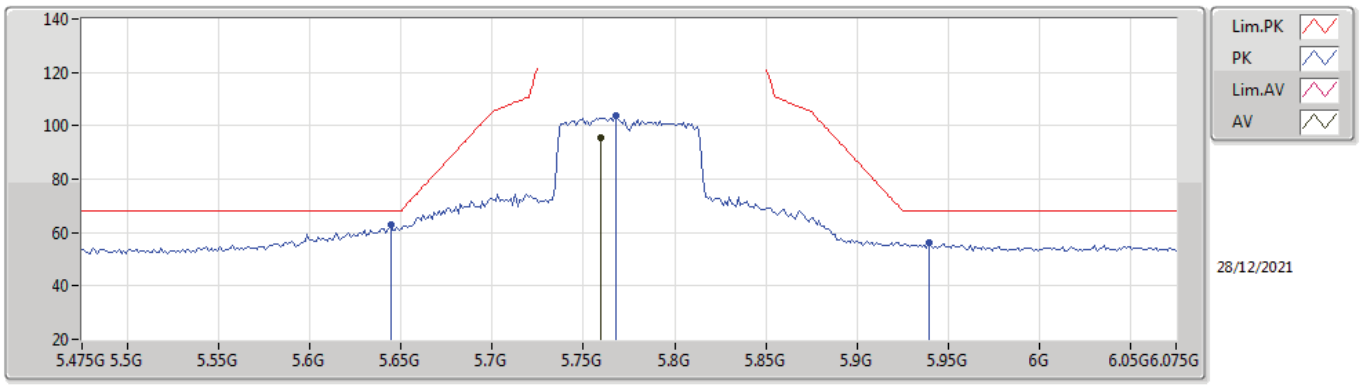
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7666G	91.06	Inf	-Inf	6.26	3	Vertical	5	1.18	-	84.80	33.83	6.92	34.49
PK	5.6466G	59.95	68.20	-8.25	5.69	3	Vertical	5	1.18	-	54.26	33.29	6.88	34.48
PK	5.7642G	98.70	Inf	-Inf	6.26	3	Vertical	5	1.18	-	92.44	33.83	6.92	34.49
PK	6.0174G	55.37	68.20	-12.83	6.87	3	Vertical	5	1.18	-	48.50	34.27	7.12	34.52

802.11ac VHT80_Nss1,(MCS0)_2TX

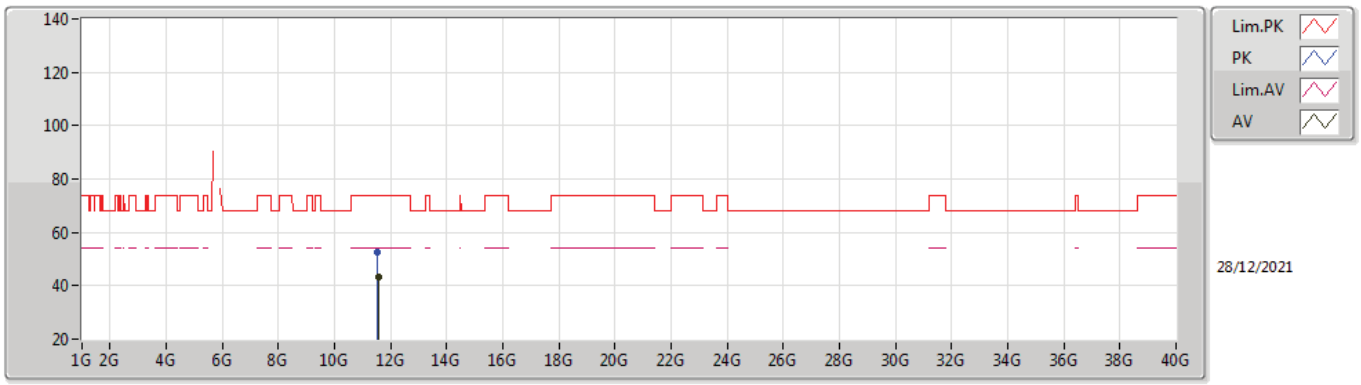
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7594G	95.60	Inf	-Inf	6.25	3	Horizontal	311	2.14	-	89.35	33.82	6.92	34.49
PK	5.6442G	62.82	68.20	-5.38	5.69	3	Horizontal	311	2.14	-	57.13	33.29	6.88	34.48
PK	5.7678G	103.67	Inf	-Inf	6.27	3	Horizontal	311	2.14	-	97.40	33.84	6.92	34.49
PK	5.9394G	56.18	68.20	-12.02	6.89	3	Horizontal	311	2.14	-	49.29	34.34	7.06	34.51

802.11ac VHT80_Nss1,(MCS0)_2TX

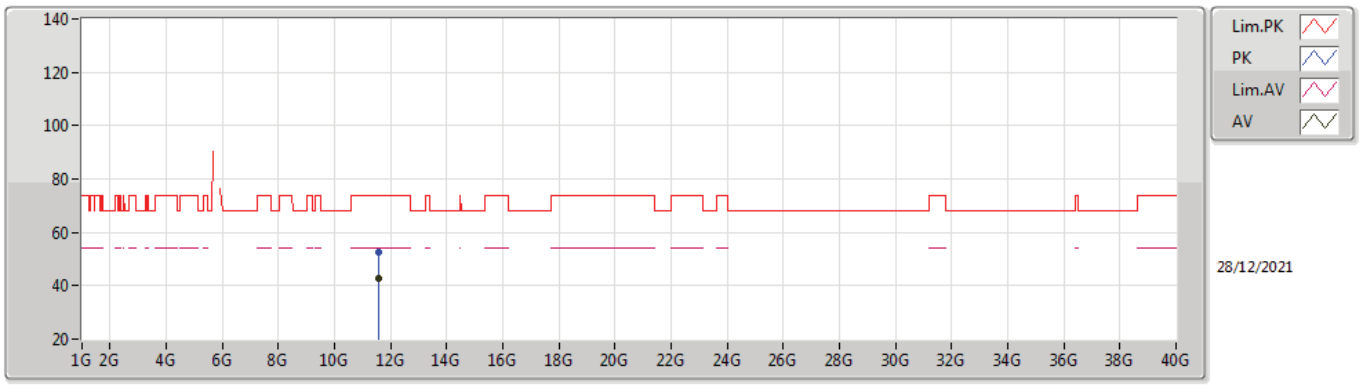
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56552G	43.06	54.00	-10.94	14.88	3	Vertical	256	1.50	-	28.18	38.93	9.94	33.99
PK	11.51896G	52.81	74.00	-21.19	14.94	3	Vertical	256	1.50	-	37.87	38.98	9.92	33.96

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57752G	42.89	54.00	-11.11	14.86	3	Horizontal	40	2.04	-	28.03	38.92	9.94	34.00
PK	11.58536G	52.78	74.00	-21.22	14.85	3	Horizontal	40	2.04	-	37.93	38.91	9.94	34.00