FCC Radio Test Report

FCC ID	:	**PPQ-WCBN3512R**
Equipment	:	**WCBN3512R**
Brand Name	:	**LITEON**
Model Name	:	**WCBN3512R**
Applicant	:	**LITE-ON Technology Corp. Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City 23585, Taiwan, R.O.C**
Manufacturer	:	**LITE-ON TECHNOLOGY (Changzhou) CO., LTD A9 Building,No.88 Yanghu Road, Wujin Hi-Tech Industrial Development Zone ,Changzhou City, Jiangsu Province 213100 China**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Apr. 25, 2022, and testing was started from Apr. 25, 2022 and completed on Jul. 22, 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 variant 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

Report No.	Version	Description	Issued Date
FR232501-01AN	01	Initial issue of report	Aug. 16, 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	-
3.1	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: Sam Tsai
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
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [8]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [3]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530	106 [1]
Straddle 5690		5690	138 [1]

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

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
1	SHENZHEN SOUTH STAR	N12-8145-ROA	PCB	I-PEX
2	SHENZHEN SOUTH STAR	N12-8145-ROA	PCB	I-PEX

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	4.07	4.56	-
2	2	3.42	4.97	3.42

Note 1: The EUT has two antennas.

For 2.4 GHz function:

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

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

For 5 GHz function:

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

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

For Bluetooth function:

For Bluetooth mode (1TX/1RX)

Only Ant. 2 (port 2) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Host system			
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.:	SONY / YY2079C
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.774	1.11	1.393m	1k
802.11ac VHT20_Nss2,(MCS0)_2TX	0.625	2.04	680.313u	3k
802.11ac VHT40_Nss2,(MCS0)_2TX	0.468	3.3	352.5u	3k
802.11ac VHT80_Nss2,(MCS0)_2TX	0.339	4.7	188.438u	10k

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

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR232501AN

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

Modifications	Performance Checking
U-NII-2A and UNII-2C were added.	All
Host System was added.	AC power-line conducted emissions and Radiated Spurious Emission for below 1G were evaluated

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	24.2~25.3°C / 58~63%	22/Jul/2022
RF Conducted	TH07-HY	Yuna	22.9~24.8°C / 50~56%	06/May/2022~23/Jun/2022
☒ 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.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated below 1G	03CH09-HY	Terry	23.4~23.8°C / 52~54%	22/Jul/2022
Radiated above 1G	03CH09-HY	Daniel	22.5~24.3°C / 60~68%	25/Apr/2022~01/May/2022

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**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 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	accessMTool V3_2_1_3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	14/14
5280MHz	14.5/14.5
5300MHz	14.5/14.5
5320MHz	14.5/14.5
5500MHz	11/11
5520MHz	13/13
5540MHz	13/13
5560MHz	13/13
5580MHz	12.5/12.5
5660MHz	12.5/12.5
5680MHz	12.5/12.5
5700MHz	10/10
5720MHz Straddle 5.47-5.725GHz	13.5/13.5
5720MHz Straddle 5.725-5.85GHz	13.5/13.5
802.11ac VHT20_Nss2,(MCS0)_2TX	-
5260MHz	16.5/16.5
5280MHz	16.5/16.5
5300MHz	17/17
5320MHz	13/13
5500MHz	13.5/13.5
5520MHz	15.5/15.5
5540MHz	15/15
5560MHz	15.5/15.5
5580MHz	15/15
5660MHz	15/15
5680MHz	15/15
5700MHz	12.5/12.5
5720MHz Straddle 5.47-5.725GHz	17/17
5720MHz Straddle 5.725-5.85GHz	17/17

Mode	Power Setting
802.11ac VHT40_Nss2,(MCS0)_2TX	-
5270MHz	16.5/16.5
5310MHz	13.5/13.5
5510MHz	11.5/11.5
5550MHz	15.5/15.5
5670MHz	13.5/13.5
5710MHz Straddle 5.47-5.725GHz	17/17
5710MHz Straddle 5.725-5.85GHz	17/17
802.11ac VHT80_Nss2,(MCS0)_2TX	-
5290MHz	12/12
5530MHz	9/9
5690MHz Straddle 5.47-5.725GHz	16.5/16.5
5690MHz Straddle 5.725-5.85GHz	16.5/16.5

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	Adapter 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	Adapter mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	**Z Plane**
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	2.4GHz WLAN+Bluetooth
2	5GHz WLAN+Bluetooth
Refer to Sporton Test Report No.: FA232501-01 for Co-location RF Exposure Evaluation.	

2.3 Support Equipment

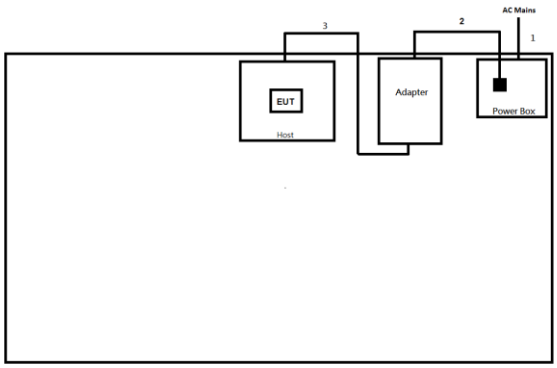
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Adapter	SONY	AC-509C	-	-

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	AC Adapter	SONY	AC-509C	-	-

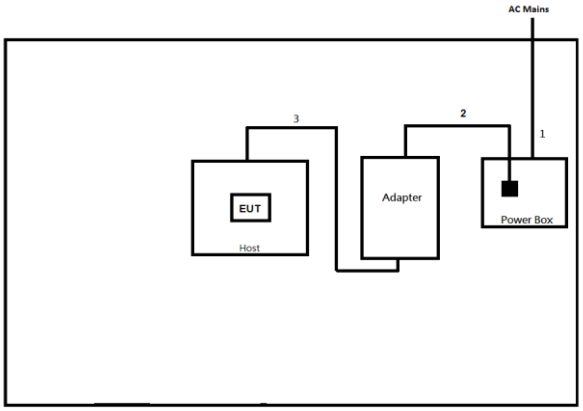
2.4 Test Setup Diagram

Test Setup Diagram - AC Conduction Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.5
2	AC Power cable	No	0.5
3	DC Power cable	No	1.5

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.5
2	AC Power cable	No	0.5
3	DC Power cable	No	1.5

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

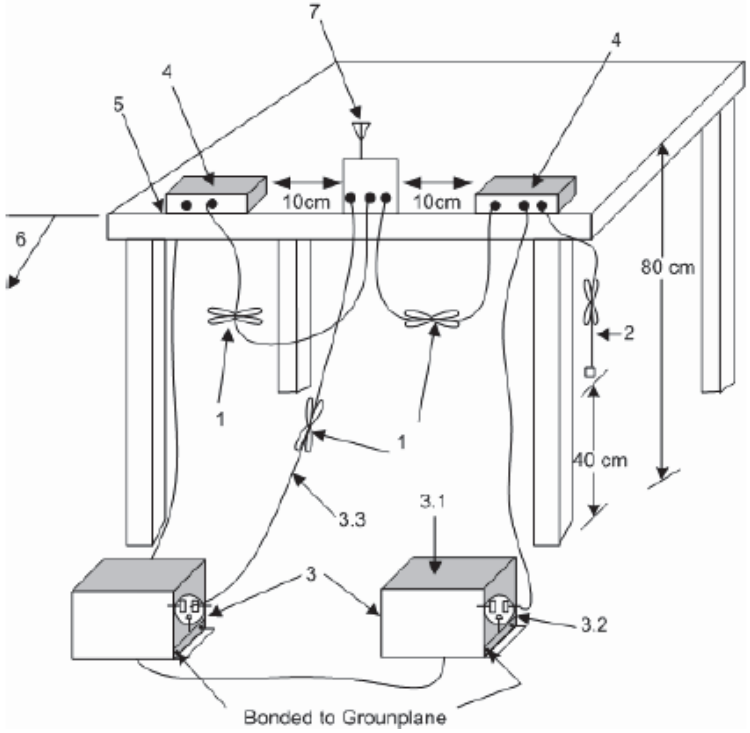
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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 50Ω 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.

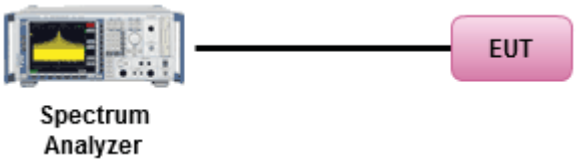
3.2.2 Measuring Instruments

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
 Spectrum Analyzer

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

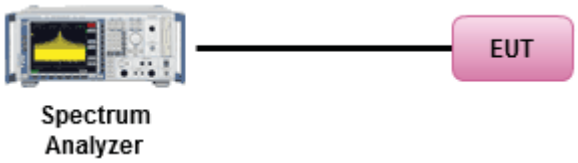
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

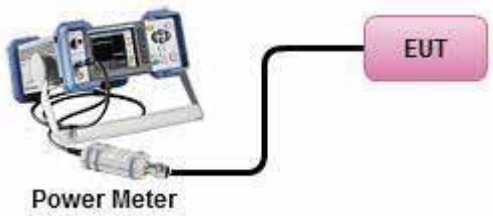
Test Method	
▪ Maximum Conducted Output Power	
	Duty cycle ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods 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.	

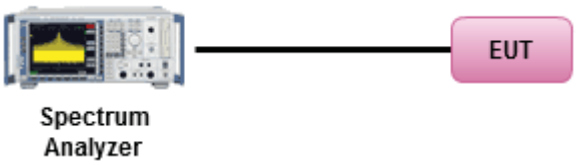
3.4.2 Measuring Instruments

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.

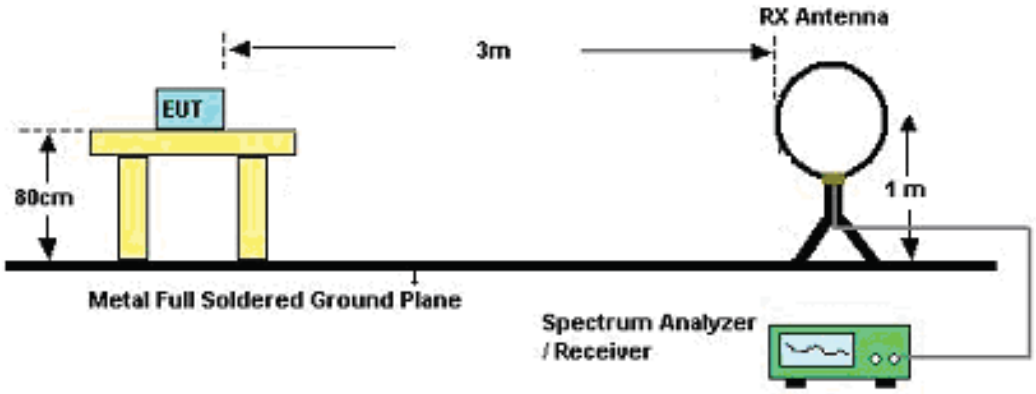
3.5.4 Measurement Results Calculation

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

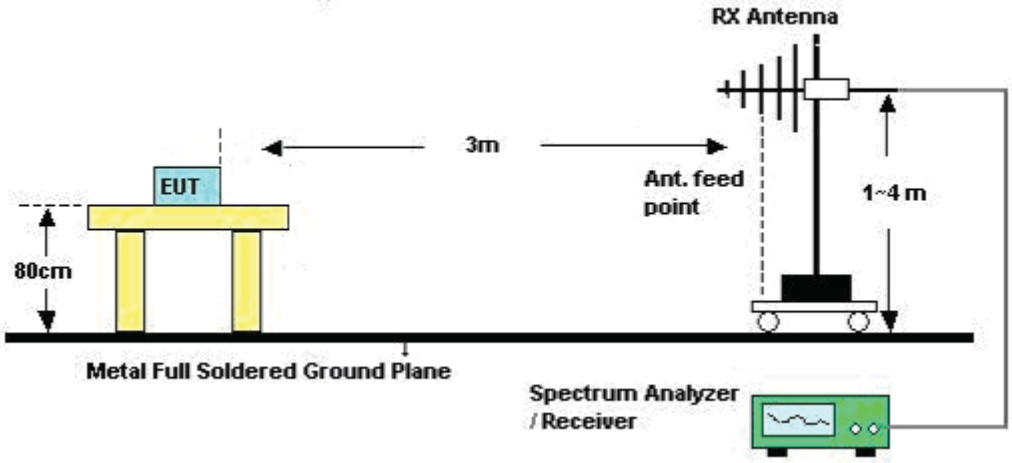
3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions

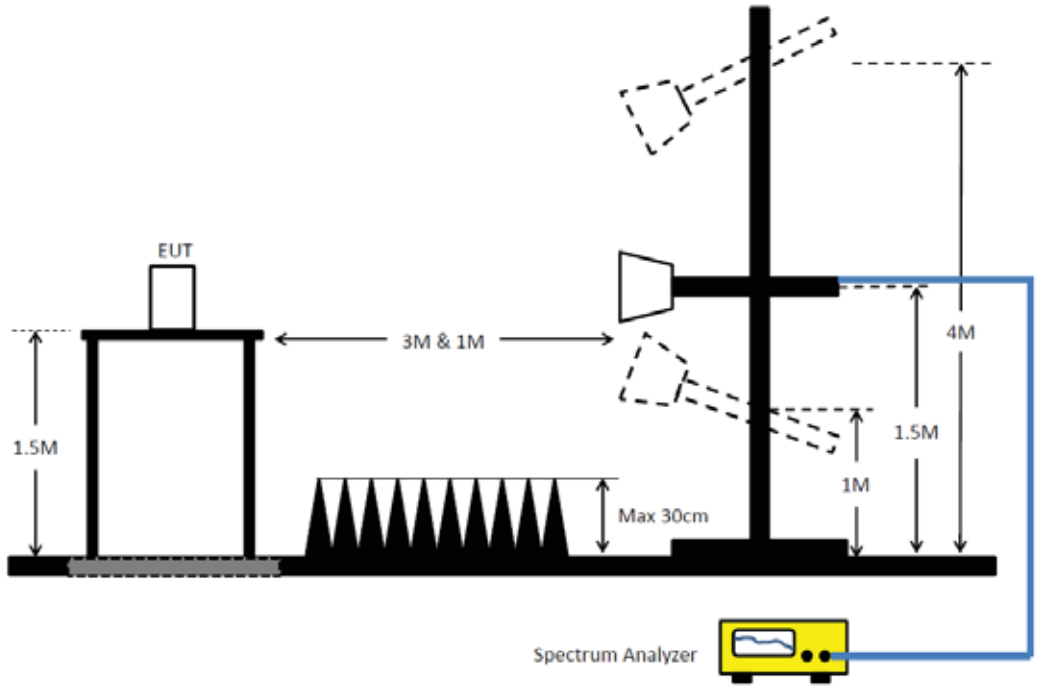
9kHz ~30MHz



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	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	Sporton	V5.10.7.20	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	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	25/Mar/2022	24/Mar/2023
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	17/Mar/2022	16/Mar/2023
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	27/Dec/2021	26/Dec/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	07/Feb/2022	06/Feb/2023
RF CABLE 5m+3m+1m	HUBER+SUHNE R	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407_NII	Sporton	V5.10.7.18	N/A	N/A	N/A	N/A

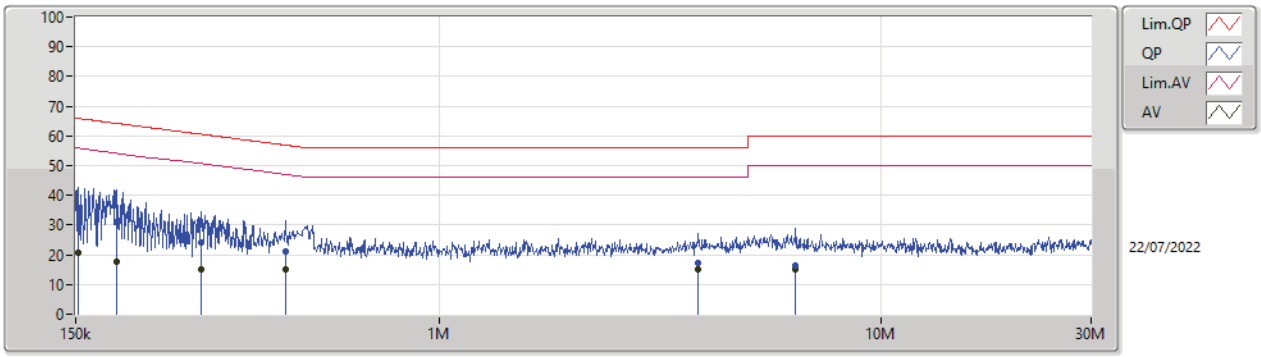
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	492.876k	18.17	46.11	-27.94	Neutral

Mode Configure

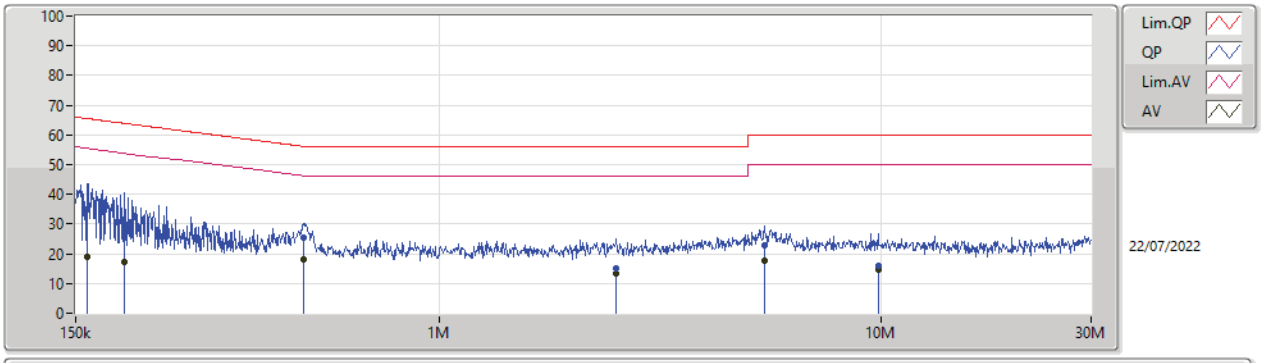
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	35.66	65.87	-30.21	Line	-
Mode 1	Pass	AV	152.414k	20.83	55.87	-35.04	Line	-
Mode 1	Pass	QP	185.344k	31.14	64.24	-33.10	Line	-
Mode 1	Pass	AV	185.344k	17.57	54.24	-36.67	Line	-
Mode 1	Pass	QP	288.682k	24.35	60.57	-36.22	Line	-
Mode 1	Pass	AV	288.682k	15.16	50.57	-35.41	Line	-
Mode 1	Pass	QP	447.846k	21.10	56.92	-35.82	Line	-
Mode 1	Pass	AV	447.846k	15.19	46.92	-31.73	Line	-
Mode 1	Pass	QP	3.867M	17.12	56.00	-38.88	Line	-
Mode 1	Pass	AV	3.867M	14.94	46.00	-31.06	Line	-
Mode 1	Pass	QP	6.42M	16.42	60.00	-43.58	Line	-
Mode 1	Pass	AV	6.42M	14.98	50.00	-35.02	Line	-
Mode 1	Pass	QP	159.256k	34.94	65.50	-30.56	Neutral	-
Mode 1	Pass	AV	159.256k	18.81	55.50	-36.69	Neutral	-
Mode 1	Pass	QP	192.892k	30.02	63.92	-33.90	Neutral	-
Mode 1	Pass	AV	192.892k	17.39	53.92	-36.53	Neutral	-
Mode 1	Pass	QP	492.876k	25.62	56.11	-30.49	Neutral	-
Mode 1	Pass	AV	492.876k	18.17	46.11	-27.94	Neutral	-
Mode 1	Pass	QP	2.522M	14.90	56.00	-41.10	Neutral	-
Mode 1	Pass	AV	2.522M	13.49	46.00	-32.51	Neutral	-
Mode 1	Pass	QP	5.45M	23.00	60.00	-37.00	Neutral	-
Mode 1	Pass	AV	5.45M	17.77	50.00	-32.23	Neutral	-
Mode 1	Pass	QP	9.88M	16.16	60.00	-43.84	Neutral	-
Mode 1	Pass	AV	9.88M	14.72	50.00	-35.28	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	152.414k	35.66	65.87	-30.21	19.63	Line	-	16.03	9.69	0.03	9.91
AV	152.414k	20.83	55.87	-35.04	19.63	Line	-	1.20	9.69	0.03	9.91
QP	185.344k	31.14	64.24	-33.10	19.63	Line	-	11.51	9.69	0.03	9.91
AV	185.344k	17.57	54.24	-36.67	19.63	Line	-	-2.06	9.69	0.03	9.91
QP	288.682k	24.35	60.57	-36.22	19.63	Line	-	4.72	9.68	0.04	9.91
AV	288.682k	15.16	50.57	-35.41	19.63	Line	-	-4.47	9.68	0.04	9.91
QP	447.846k	21.10	56.92	-35.82	19.63	Line	-	1.47	9.68	0.04	9.91
AV	447.846k	15.19	46.92	-31.73	19.63	Line	-	-4.44	9.68	0.04	9.91
QP	3.867M	17.12	56.00	-38.88	19.76	Line	-	-2.64	9.71	0.13	9.92
AV	3.867M	14.94	46.00	-31.06	19.76	Line	-	-4.82	9.71	0.13	9.92
QP	6.42M	16.42	60.00	-43.58	19.85	Line	-	-3.43	9.76	0.16	9.93
AV	6.42M	14.98	50.00	-35.02	19.85	Line	-	-4.87	9.76	0.16	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	159.256k	34.94	65.50	-30.56	19.67	Neutral	-	15.27	9.73	0.03	9.91
AV	159.256k	18.81	55.50	-36.69	19.67	Neutral	-	-0.86	9.73	0.03	9.91
QP	192.892k	30.02	63.92	-33.90	19.66	Neutral	-	10.36	9.72	0.03	9.91
AV	192.892k	17.39	53.92	-36.53	19.66	Neutral	-	-2.27	9.72	0.03	9.91
QP	492.876k	25.62	56.11	-30.49	19.67	Neutral	-	5.95	9.72	0.04	9.91
AV	492.876k	18.17	46.11	-27.94	19.67	Neutral	-	-1.50	9.72	0.04	9.91
QP	2.522M	14.90	56.00	-41.10	19.77	Neutral	-	-4.87	9.75	0.10	9.92
AV	2.522M	13.49	46.00	-32.51	19.77	Neutral	-	-6.28	9.75	0.10	9.92
QP	5.45M	23.00	60.00	-37.00	19.87	Neutral	-	3.13	9.80	0.15	9.92
AV	5.45M	17.77	50.00	-32.23	19.87	Neutral	-	-2.10	9.80	0.15	9.92
QP	9.88M	16.16	60.00	-43.84	20.00	Neutral	-	-3.84	9.89	0.18	9.93
AV	9.88M	14.72	50.00	-35.28	20.00	Neutral	-	-5.28	9.89	0.18	9.93

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.15M	17.451M	17M5D1D	24.24M	17.001M
802.11ac VHT20_Nss2,(MCS0)_2TX	28.74M	18.621M	18M7D1D	25.05M	18.051M
802.11ac VHT40_Nss2,(MCS0)_2TX	46.68M	36.702M	36M8D1D	40.08M	36.162M
802.11ac VHT80_Nss2,(MCS0)_2TX	80.04M	75.322M	75M4D1D	79.92M	75.322M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	31.65M	17.661M	17M7D1D	18.345M	13.793M
802.11ac VHT20_Nss2,(MCS0)_2TX	30.96M	18.471M	18M5D1D	18.495M	14.243M
802.11ac VHT40_Nss2,(MCS0)_2TX	47.215M	36.582M	36M6D1D	38.85M	33.303M
802.11ac VHT80_Nss2,(MCS0)_2TX	94.125M	75.202M	75M3D1D	79.44M	72.489M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	8.016M	8M02D1D	3.1M	7.656M
802.11ac VHT20_Nss2,(MCS0)_2TX	3.74M	7.476M	7M48D1D	3.72M	7.096M
802.11ac VHT40_Nss2,(MCS0)_2TX	3.12M	18.371M	18M4D1D	3.1M	17.151M
802.11ac VHT80_Nss2,(MCS0)_2TX	3.1M	29.385M	29M4D1D	3.1M	28.106M

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

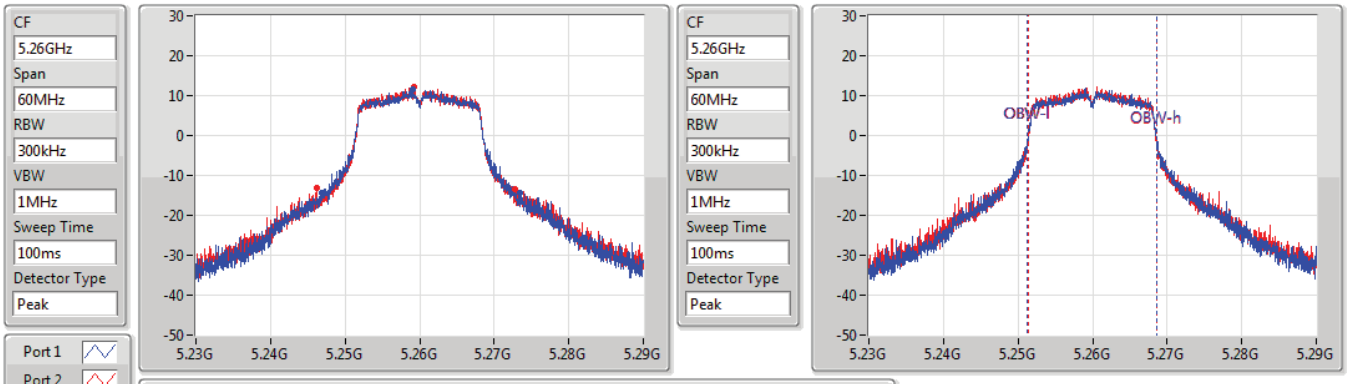
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	26.52M	17.451M	26.61M	17.151M
5280MHz	Pass	Inf	27.15M	17.421M	27.12M	17.121M
5300MHz	Pass	Inf	26.16M	17.391M	26.25M	17.121M
5320MHz	Pass	Inf	26.01M	17.421M	24.24M	17.001M
5500MHz	Pass	Inf	25.92M	17.361M	24.96M	17.031M
5520MHz	Pass	Inf	31.65M	17.481M	29.22M	17.241M
5540MHz	Pass	Inf	27.63M	17.601M	27.3M	17.271M
5560MHz	Pass	Inf	29.01M	17.661M	28.8M	17.271M
5580MHz	Pass	Inf	28.65M	17.571M	28.2M	17.241M
5660MHz	Pass	Inf	28.23M	17.541M	29.19M	17.301M
5680MHz	Pass	Inf	26.43M	17.361M	25.5M	17.001M
5700MHz	Pass	Inf	26.1M	17.361M	24.84M	17.001M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.345M	13.943M	18.96M	13.793M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	7.656M	3.12M	8.016M
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	27.78M	18.621M	25.05M	18.081M
5280MHz	Pass	Inf	27.99M	18.471M	26.91M	18.111M
5300MHz	Pass	Inf	28.74M	18.381M	25.95M	18.111M
5320MHz	Pass	Inf	26.31M	18.411M	25.71M	18.051M
5500MHz	Pass	Inf	27.45M	18.411M	24.93M	18.051M
5520MHz	Pass	Inf	27.9M	18.471M	30.96M	18.141M
5540MHz	Pass	Inf	26.61M	18.351M	25.53M	18.051M
5560MHz	Pass	Inf	26.79M	18.471M	28.05M	18.081M
5580MHz	Pass	Inf	27.72M	18.441M	26.85M	18.081M
5660MHz	Pass	Inf	27.39M	18.441M	27.33M	18.111M
5680MHz	Pass	Inf	26.91M	18.471M	27.39M	18.111M
5700MHz	Pass	Inf	27.93M	18.441M	24.87M	18.021M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.095M	14.378M	18.495M	14.243M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	7.096M	3.74M	7.476M
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	46.68M	36.702M	44.34M	36.402M
5310MHz	Pass	Inf	40.74M	36.162M	40.08M	36.222M
5510MHz	Pass	Inf	40.68M	36.222M	39.9M	36.162M
5550MHz	Pass	Inf	46.8M	36.582M	43.68M	36.582M
5670MHz	Pass	Inf	40.56M	36.402M	39.96M	36.402M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	47.215M	33.373M	38.85M	33.303M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	18.371M	3.1M	17.151M
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.04M	75.322M	79.92M	75.322M
5530MHz	Pass	Inf	79.92M	75.202M	79.44M	75.202M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	94.125M	72.564M	89.325M	72.489M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	28.106M	3.1M	29.385M

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

5260MHz

06/05/2022

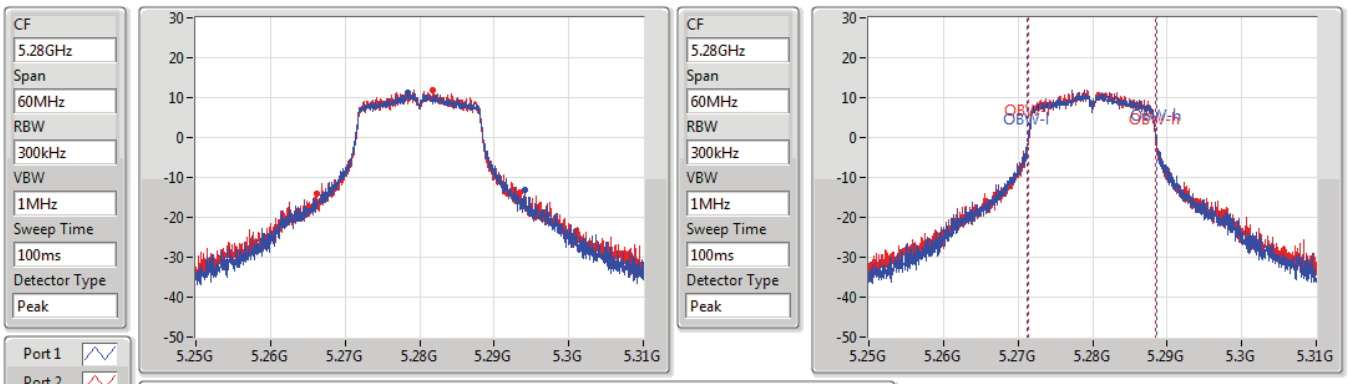


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.52M	5.24695G	5.27347G	17.451M	5.251214G	5.268666G	Inf	1
26.61M	5.2462G	5.27281G	17.151M	5.251394G	5.268546G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5280MHz

06/05/2022

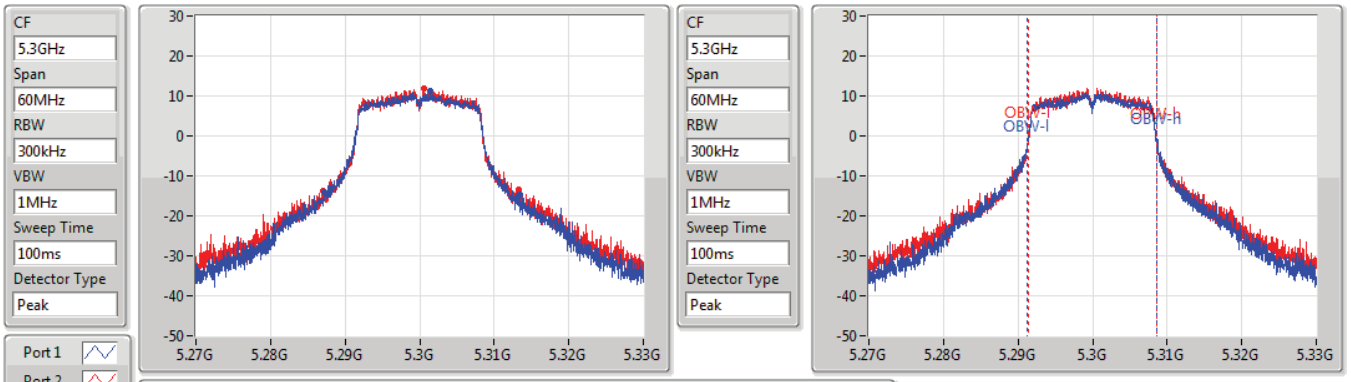


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.15M	5.26704G	5.29419G	17.421M	5.271214G	5.288636G	Inf	1
27.12M	5.26629G	5.29341G	17.121M	5.271394G	5.288516G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

06/05/2022

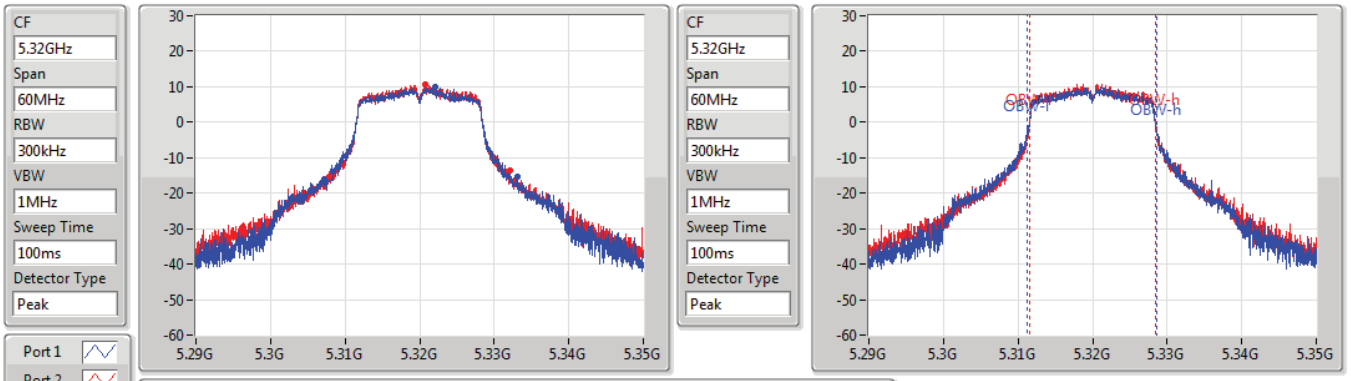


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.16M	5.28722G	5.31338G	17.391M	5.291214G	5.308606G	Inf	1
26.25M	5.28701G	5.31326G	17.121M	5.291424G	5.308546G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

06/05/2022

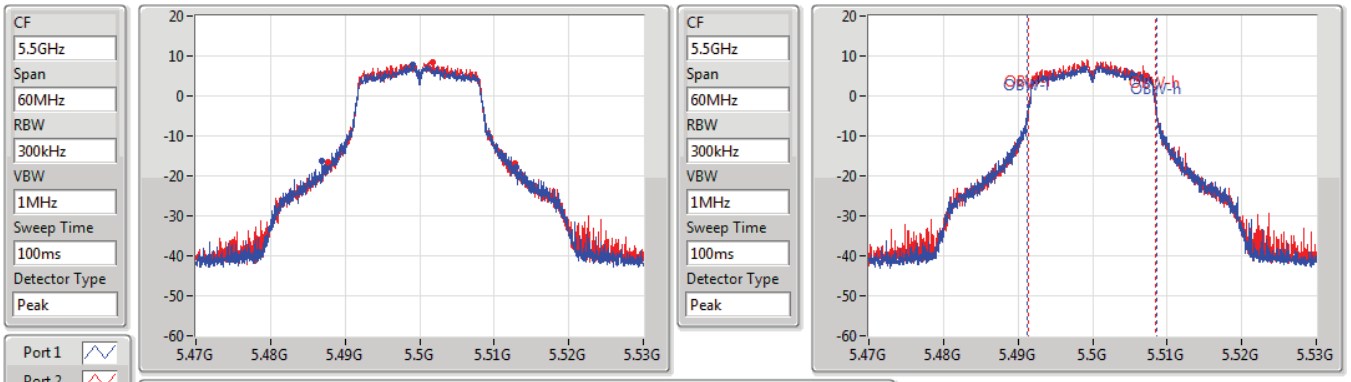


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.01M	5.30719G	5.3332G	17.421M	5.311214G	5.328636G	Inf	1
24.24M	5.30782G	5.33206G	17.001M	5.311484G	5.328486G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

06/05/2022

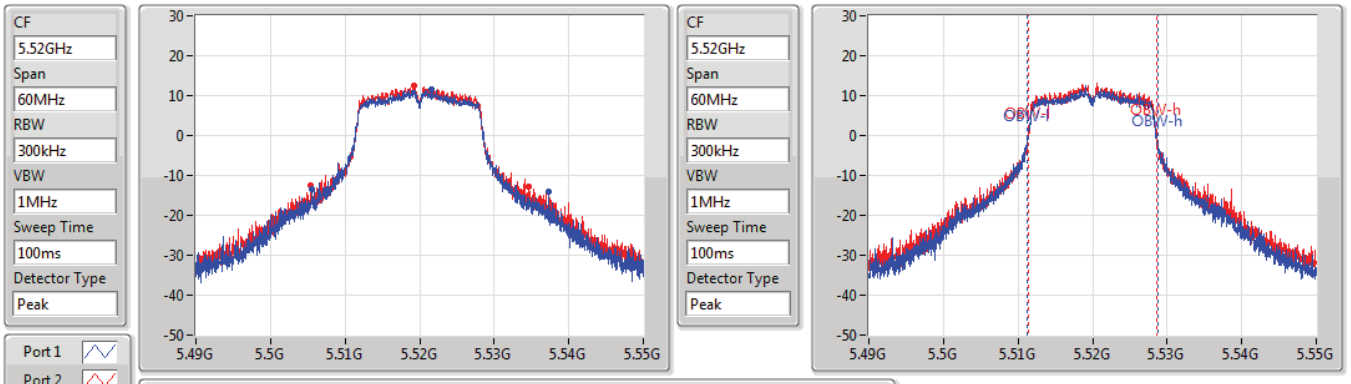


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.92M	5.48695G	5.51287G	17.361M	5.491274G	5.508636G	Inf	1
24.96M	5.48779G	5.51275G	17.031M	5.491454G	5.508486G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5520MHz

06/05/2022

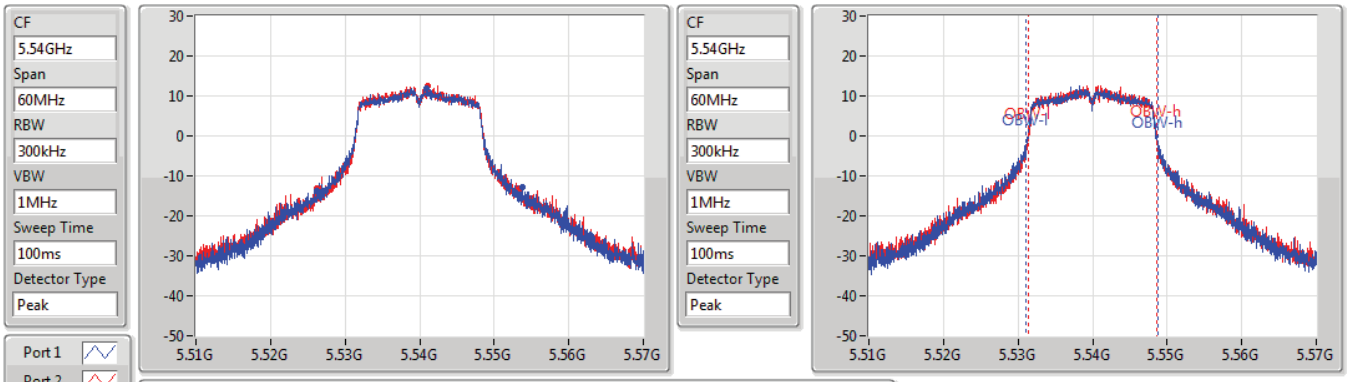


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.65M	5.5056G	5.53725G	17.481M	5.511214G	5.528696G	Inf	1
29.22M	5.50533G	5.53455G	17.241M	5.511364G	5.528606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5540MHz

06/05/2022

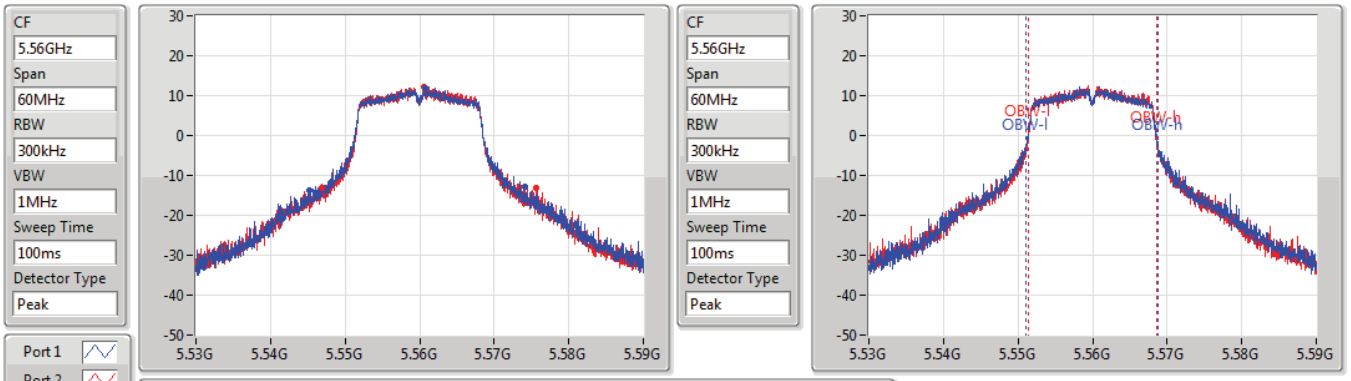


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.63M	5.5262G	5.55383G	17.601M	5.531124G	5.548726G	Inf	1
27.3M	5.52614G	5.55344G	17.271M	5.531334G	5.548606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5560MHz

06/05/2022

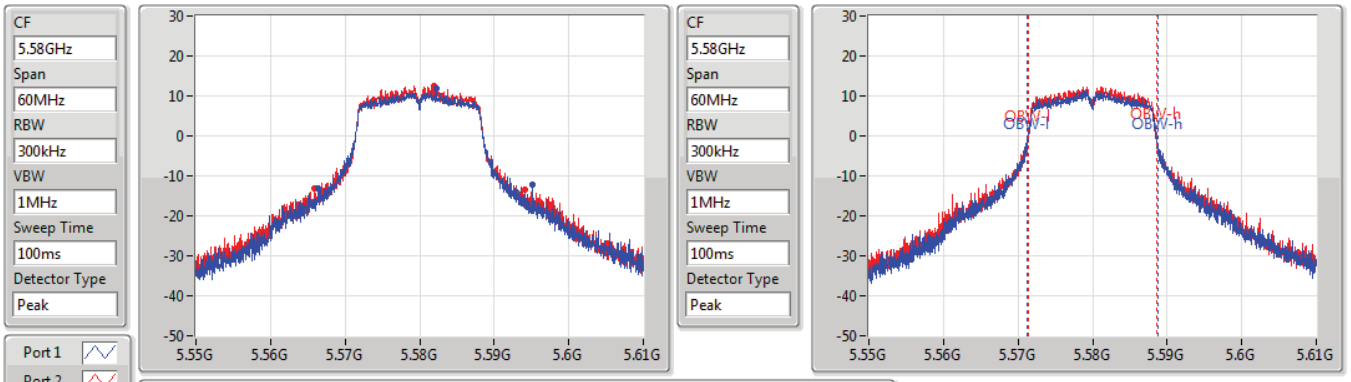


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.01M	5.54518G	5.57419G	17.661M	5.551094G	5.568756G	Inf	1
28.8M	5.5468G	5.5756G	17.271M	5.551334G	5.568606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

06/05/2022

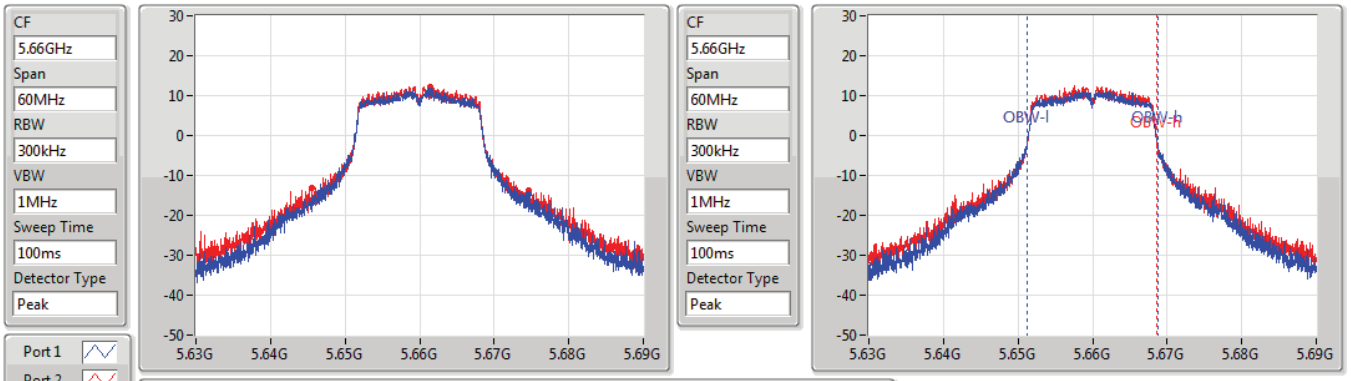


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.65M	5.56644G	5.59509G	17.571M	5.571154G	5.588726G	Inf	1
28.2M	5.56587G	5.59407G	17.241M	5.571364G	5.588606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5660MHz

06/05/2022

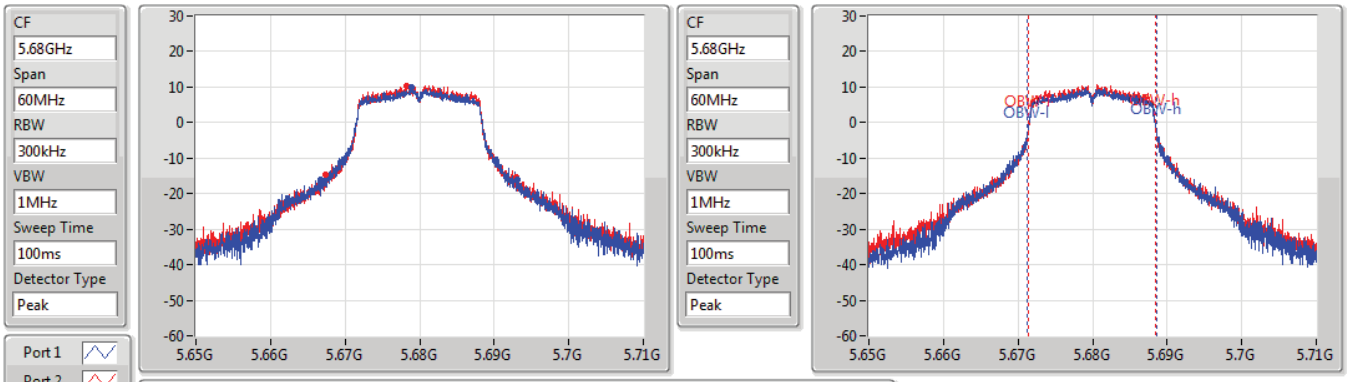


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.23M	5.64647G	5.6747G	17.541M	5.651154G	5.668696G	Inf	1
29.19M	5.64551G	5.6747G	17.301M	5.651304G	5.668606G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5680MHz

06/05/2022

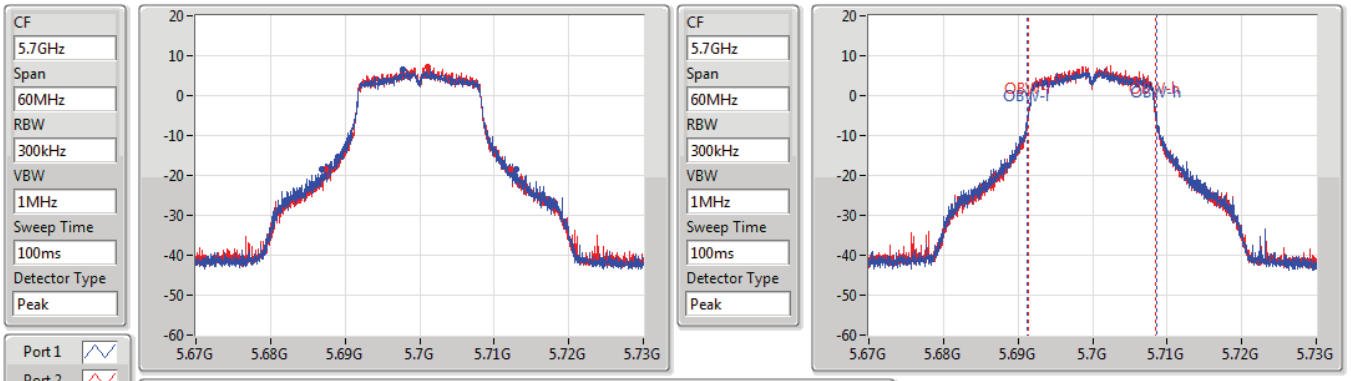


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.43M	5.66665G	5.69308G	17.361M	5.671244G	5.688606G	Inf	1
25.5M	5.66743G	5.69293G	17.001M	5.671454G	5.688456G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

06/05/2022

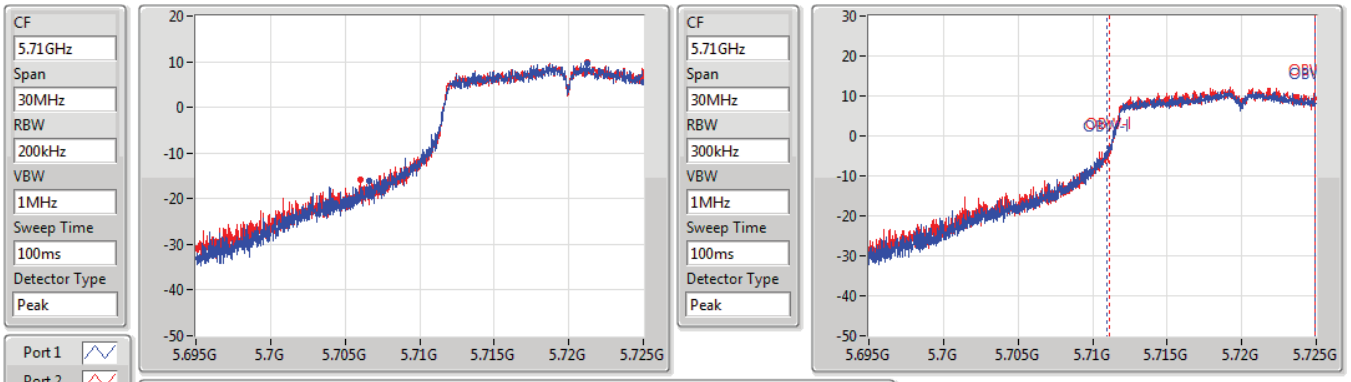


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.1M	5.68683G	5.71293G	17.361M	5.691244G	5.708606G	Inf	1
24.84M	5.68737G	5.71221G	17.001M	5.691454G	5.708456G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2022

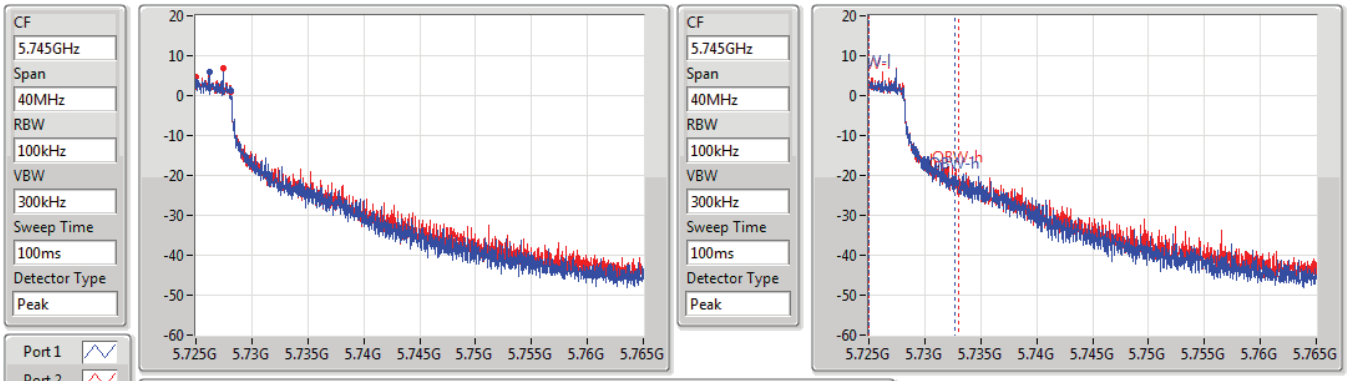


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.345M	5.706655G	5.725G	13.943M	5.710975G	5.724918G	Inf	1
18.96M	5.70604G	5.725G	13.793M	5.711139G	5.724933G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2022

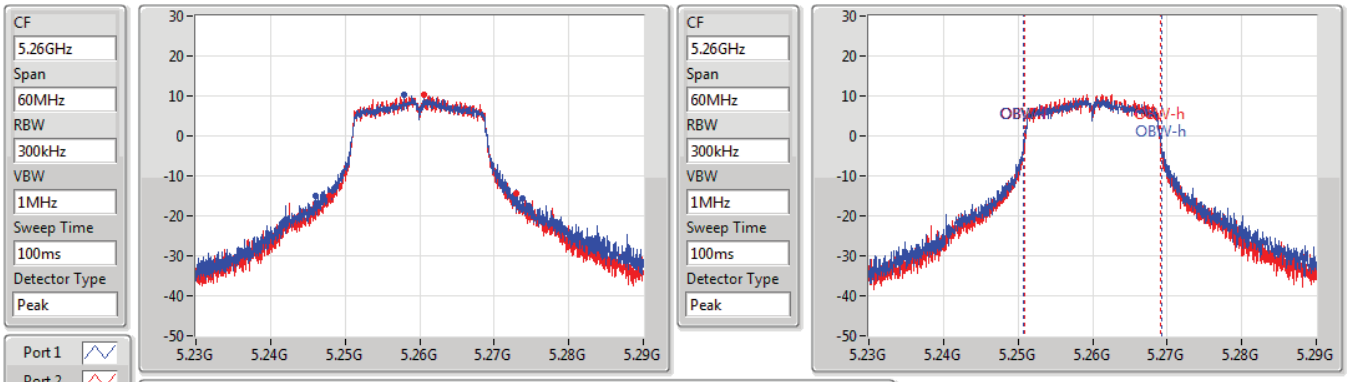


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	7.656M	5.72501G	5.732666G	500k	1
3.12M	5.725G	5.72812G	8.016M	5.72501G	5.733026G	500k	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5260MHz

23/06/2022

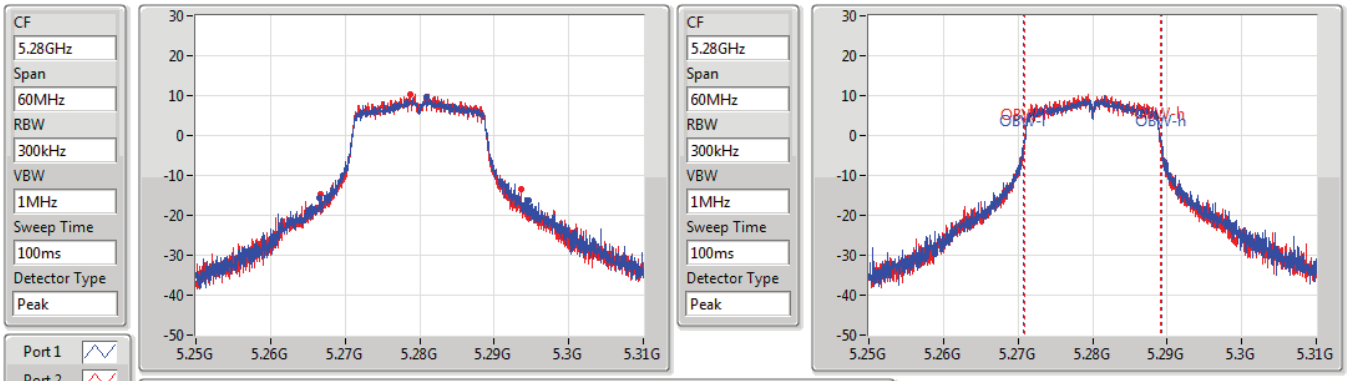


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.78M	5.24599G	5.27377G	18.621M	5.250705G	5.269325G	Inf	1
25.05M	5.24785G	5.2729G	18.081M	5.250945G	5.269025G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5280MHz

23/06/2022

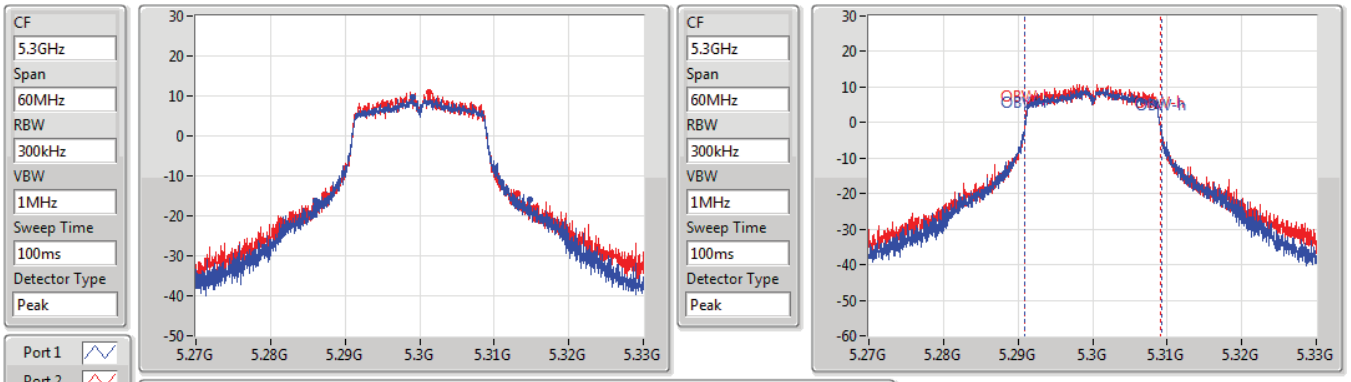


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.99M	5.26659G	5.29458G	18.471M	5.270795G	5.289265G	Inf	1
26.91M	5.26677G	5.29368G	18.111M	5.270945G	5.289055G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5300MHz

23/06/2022

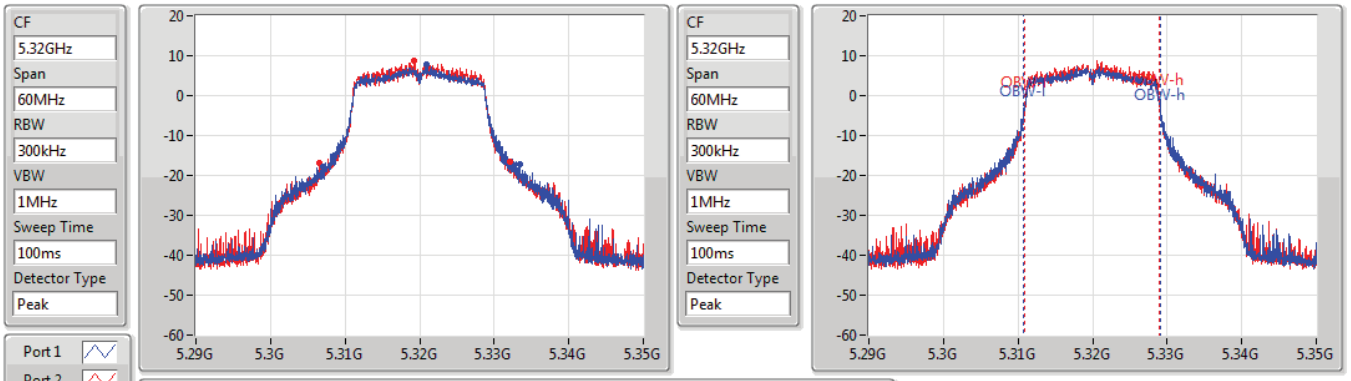


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.74M	5.28599G	5.31473G	18.381M	5.290825G	5.309205G	Inf	1
25.95M	5.28716G	5.31311G	18.111M	5.290945G	5.309055G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5320MHz

06/05/2022

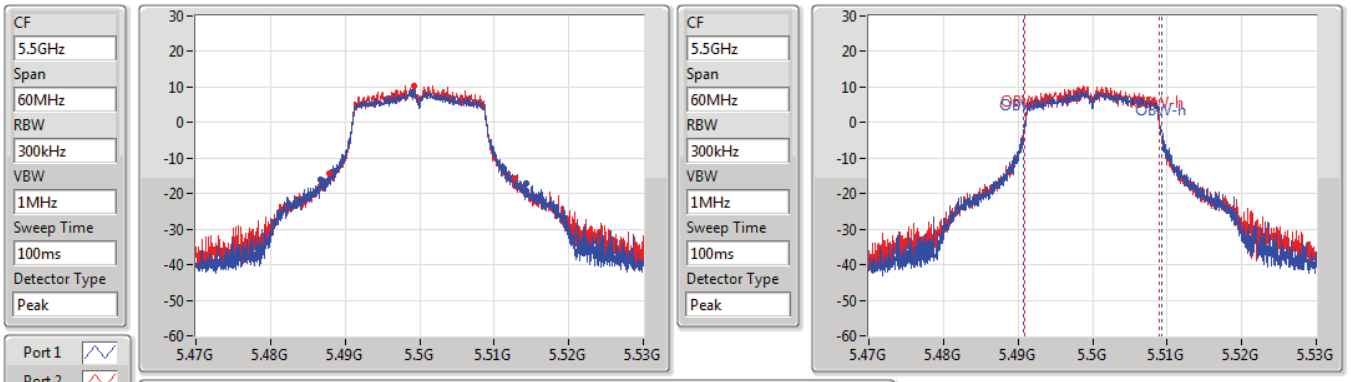


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.31M	5.30707G	5.33338G	18.411M	5.310765G	5.329175G	Inf	1
25.71M	5.30647G	5.33218G	18.051M	5.310945G	5.328996G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5500MHz

06/05/2022

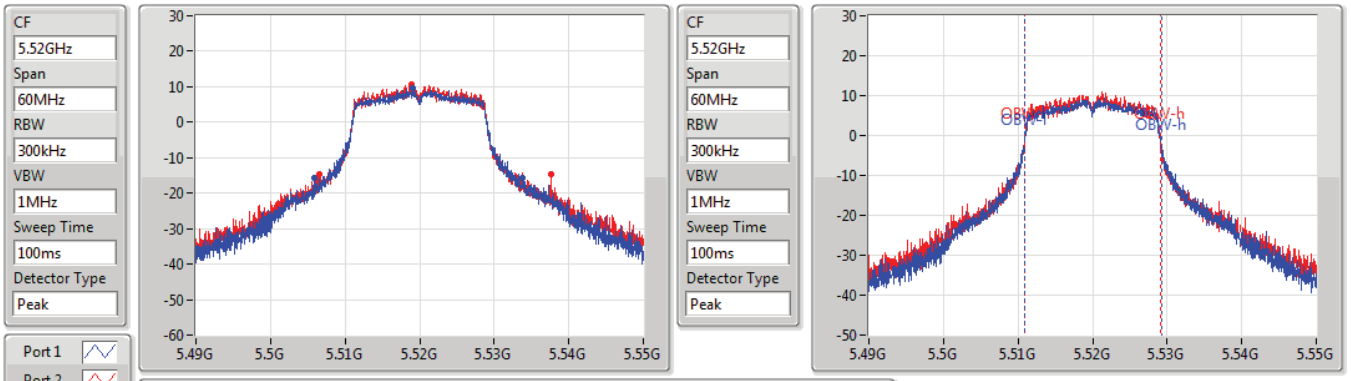


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.45M	5.48677G	5.51422G	18.411M	5.490795G	5.509205G	Inf	1
24.93M	5.48785G	5.51278G	18.051M	5.490945G	5.508996G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5520MHz

23/06/2022

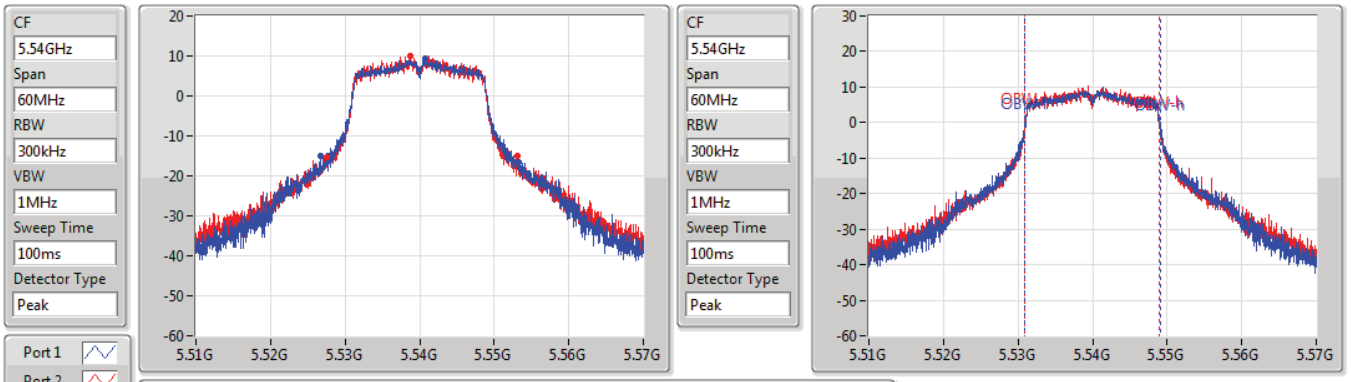


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.9M	5.50596G	5.53386G	18.471M	5.510825G	5.529295G	Inf	1
30.96M	5.50659G	5.53755G	18.141M	5.510915G	5.529055G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5540MHz

23/06/2022

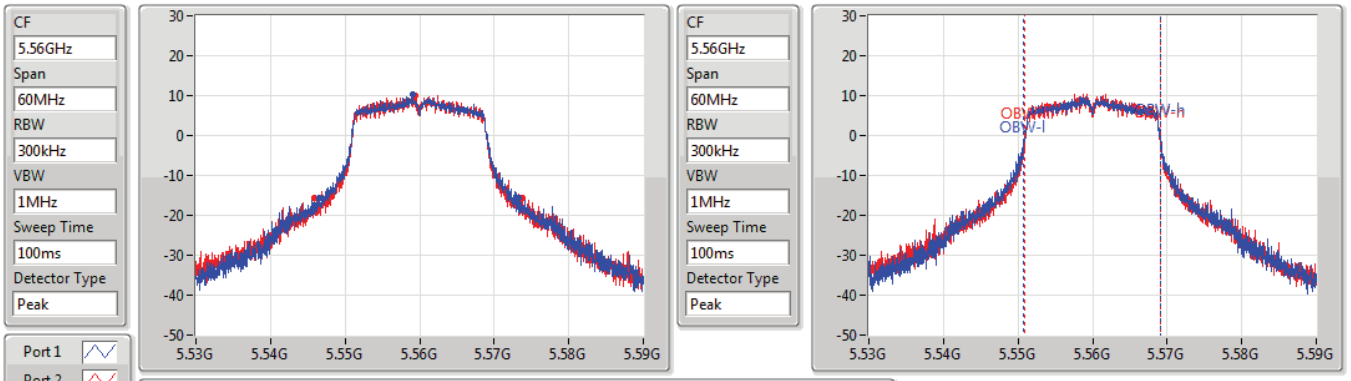


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.61M	5.52665G	5.55326G	18.351M	5.530825G	5.549175G	Inf	1
25.53M	5.52758G	5.55311G	18.051M	5.530945G	5.548996G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5560MHz

23/06/2022

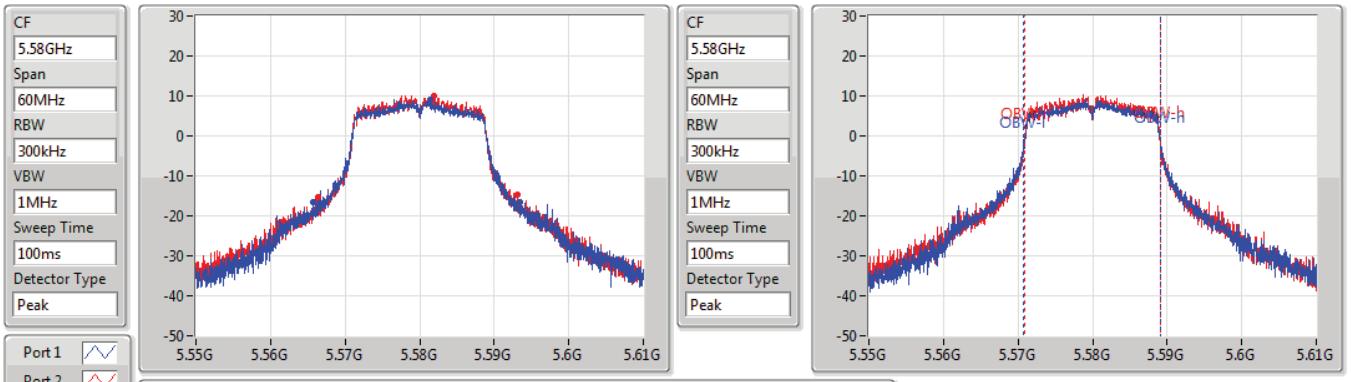


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.79M	5.5465G	5.57329G	18.471M	5.550705G	5.569175G	Inf	1
28.05M	5.54581G	5.57386G	18.081M	5.550945G	5.569025G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5580MHz

23/06/2022

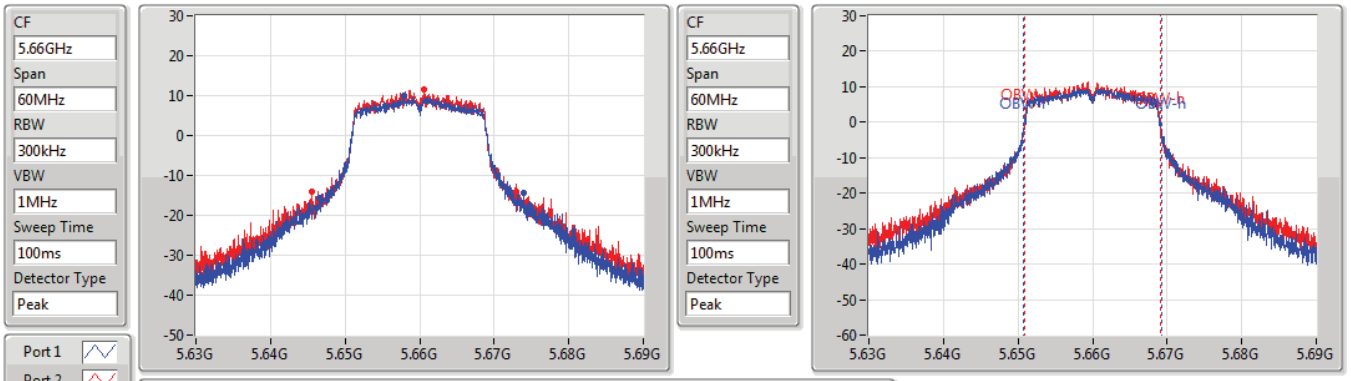


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.72M	5.56569G	5.59341G	18.441M	5.570735G	5.589175G	Inf	1
26.85M	5.56632G	5.59317G	18.081M	5.570945G	5.589025G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5660MHz

23/06/2022

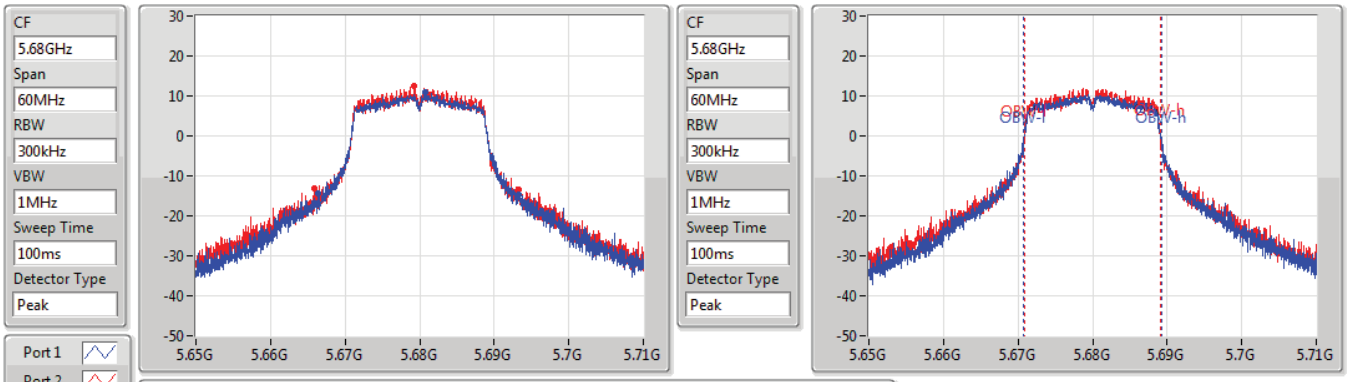


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.39M	5.64653G	5.67392G	18.441M	5.650765G	5.669205G	Inf	1
27.33M	5.64557G	5.6729G	18.111M	5.650915G	5.669025G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5680MHz

06/05/2022

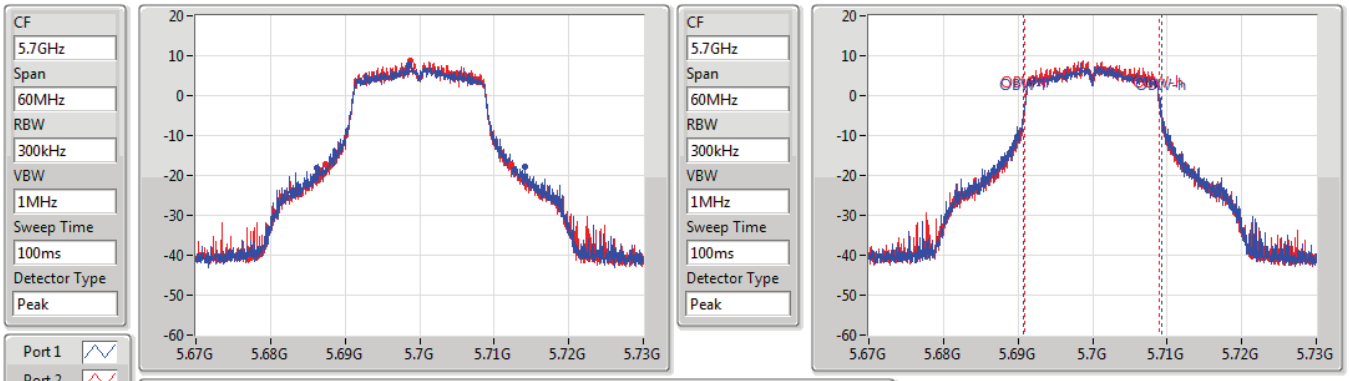


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.91M	5.66644G	5.69335G	18.471M	5.670735G	5.689205G	Inf	1
27.39M	5.66596G	5.69335G	18.111M	5.670915G	5.689025G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5700MHz

06/05/2022

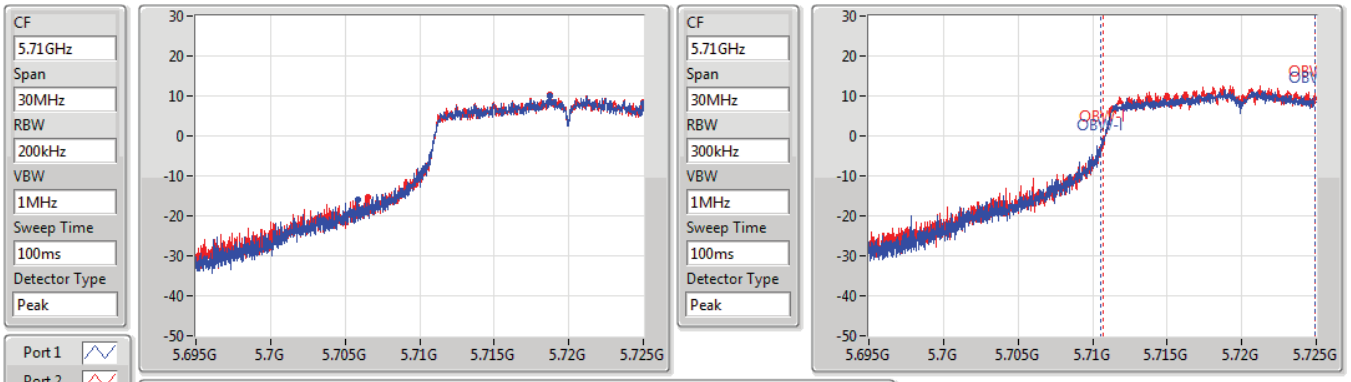


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.93M	5.68623G	5.71416G	18.441M	5.690765G	5.709205G	Inf	1
24.87M	5.68737G	5.71224G	18.021M	5.690975G	5.708996G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

06/05/2022

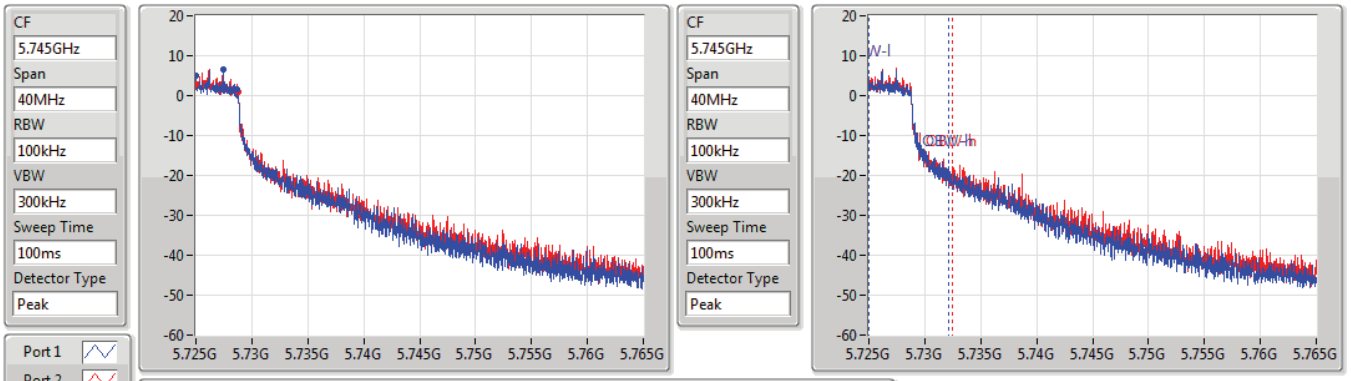


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.095M	5.705905G	5.725G	14.378M	5.71054G	5.724918G	Inf	1
18.495M	5.706505G	5.725G	14.243M	5.71069G	5.724933G	Inf	2

802.11ac VHT20_Nss2,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

06/05/2022

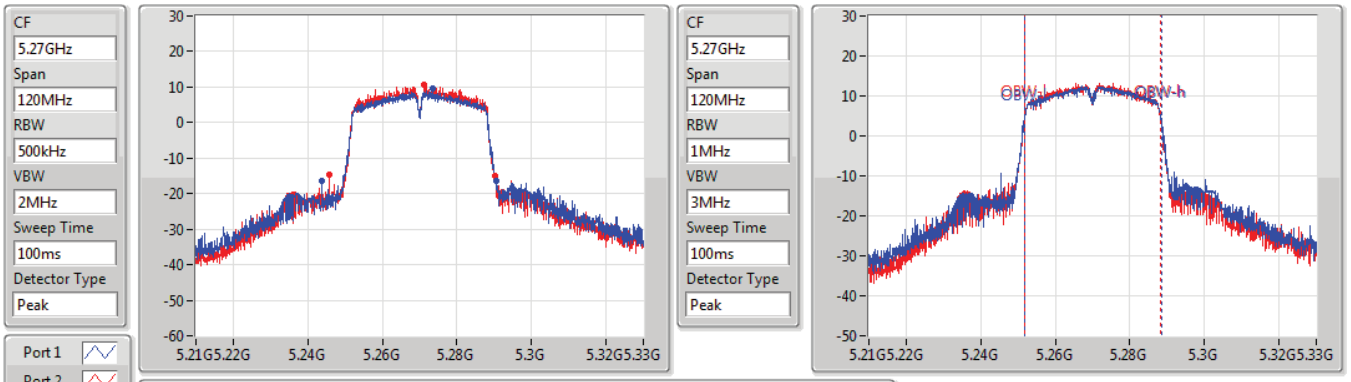


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	7.096M	5.72501G	5.732106G	500k	1
3.74M	5.725G	5.72874G	7.476M	5.72501G	5.732486G	500k	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5270MHz

23/06/2022

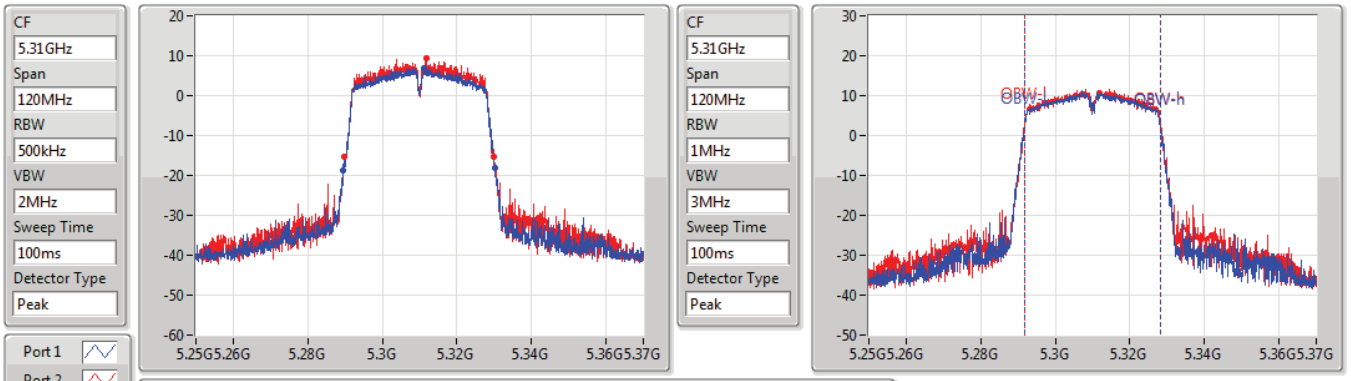


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.68M	5.24372G	5.2904G	36.702M	5.251709G	5.288411G	Inf	1
44.34M	5.24576G	5.2901G	36.402M	5.251829G	5.288231G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5310MHz

06/05/2022

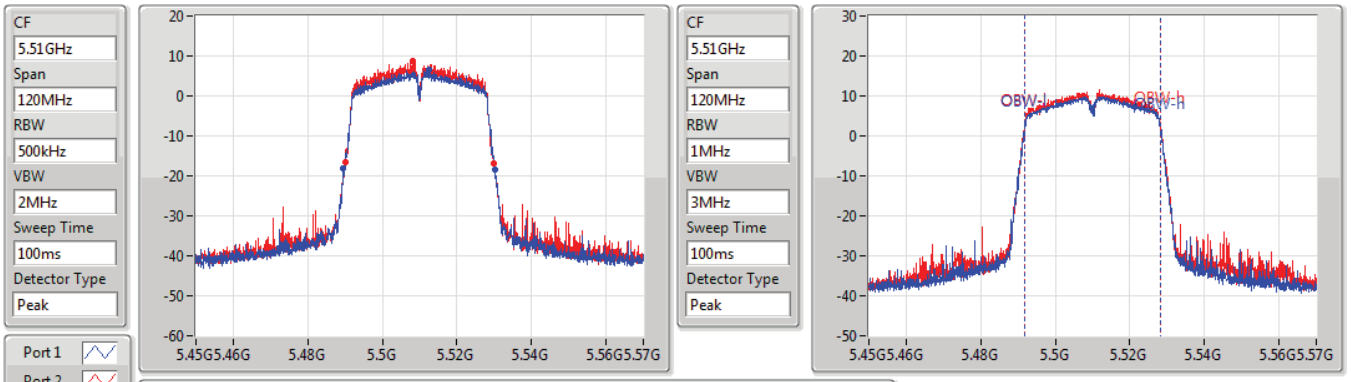


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28954G	5.33028G	36.162M	5.291889G	5.328051G	Inf	1
40.08M	5.2899G	5.32998G	36.222M	5.291889G	5.328111G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5510MHz

06/05/2022

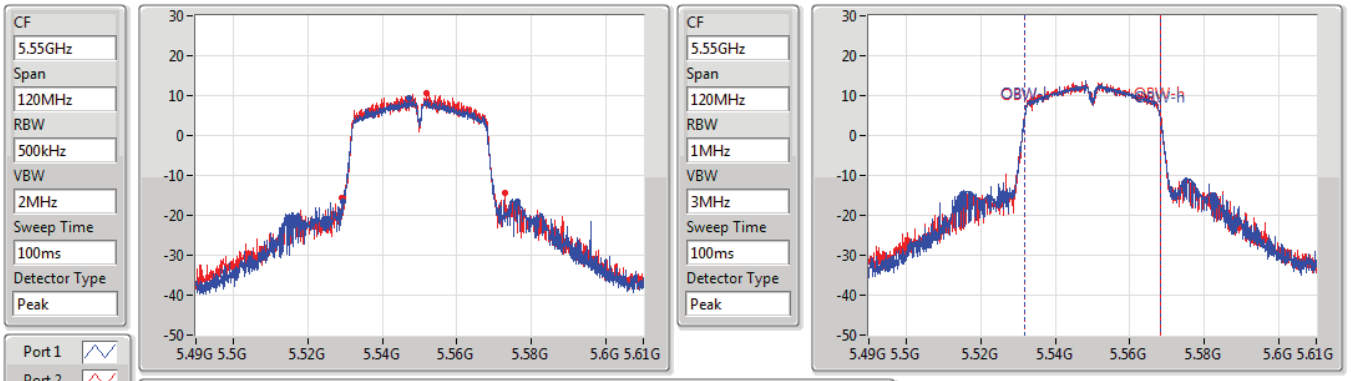


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.4896G	5.53028G	36.222M	5.491889G	5.528111G	Inf	1
39.9M	5.49008G	5.52998G	36.162M	5.491889G	5.528051G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5550MHz

23/06/2022

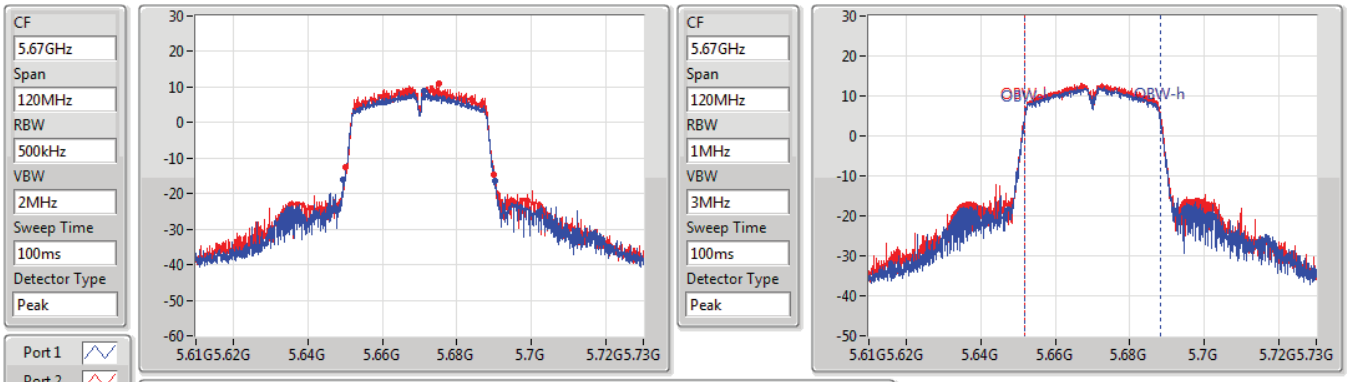


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.8M	5.52936G	5.57616G	36.582M	5.531709G	5.568291G	Inf	1
43.68M	5.52906G	5.57274G	36.582M	5.531709G	5.568291G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5670MHz

06/05/2022

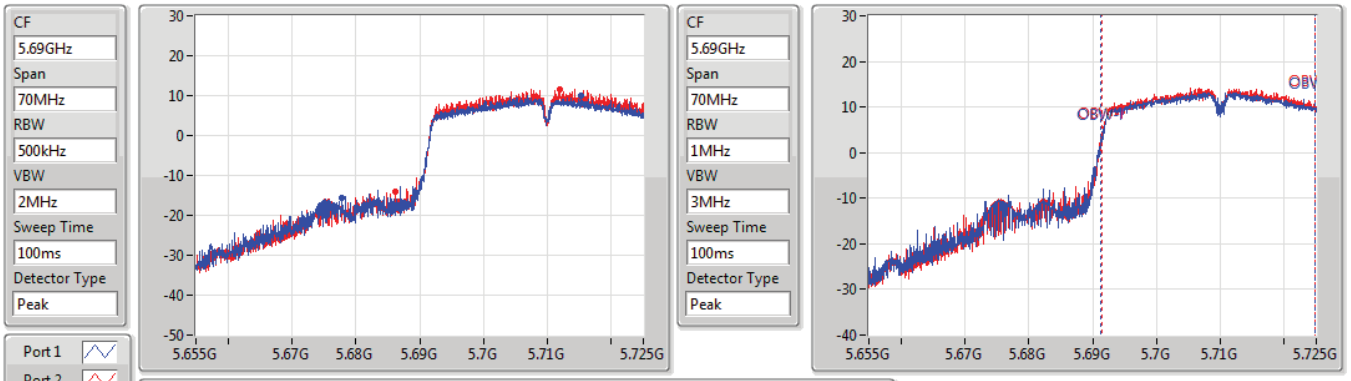


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.56M	5.64954G	5.6901G	36.402M	5.651769G	5.688171G	Inf	1
39.96M	5.65008G	5.69004G	36.402M	5.651769G	5.688171G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

23/06/2022

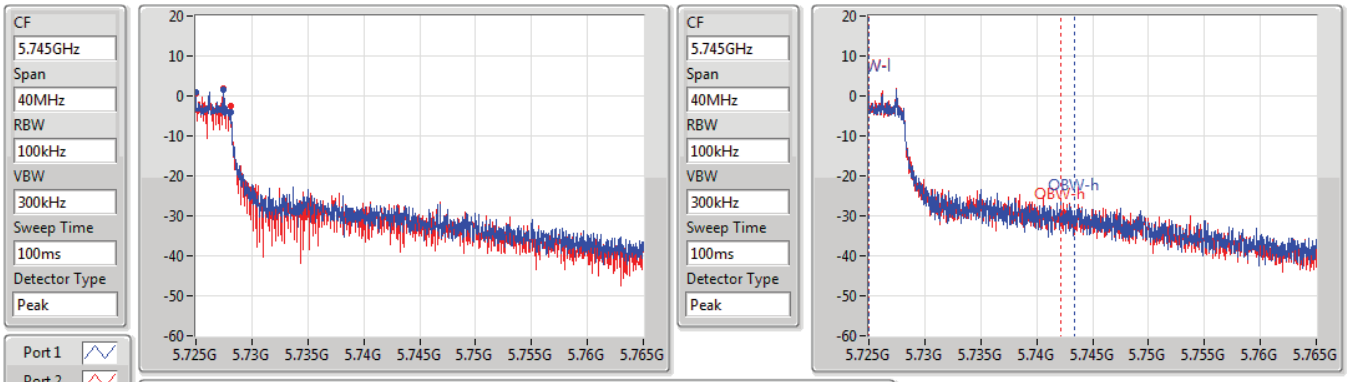


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.215M	5.677785G	5.725G	33.373M	5.691364G	5.724738G	Inf	1
38.85M	5.68615G	5.725G	33.303M	5.691469G	5.724773G	Inf	2

802.11ac VHT40_Nss2,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

23/06/2022

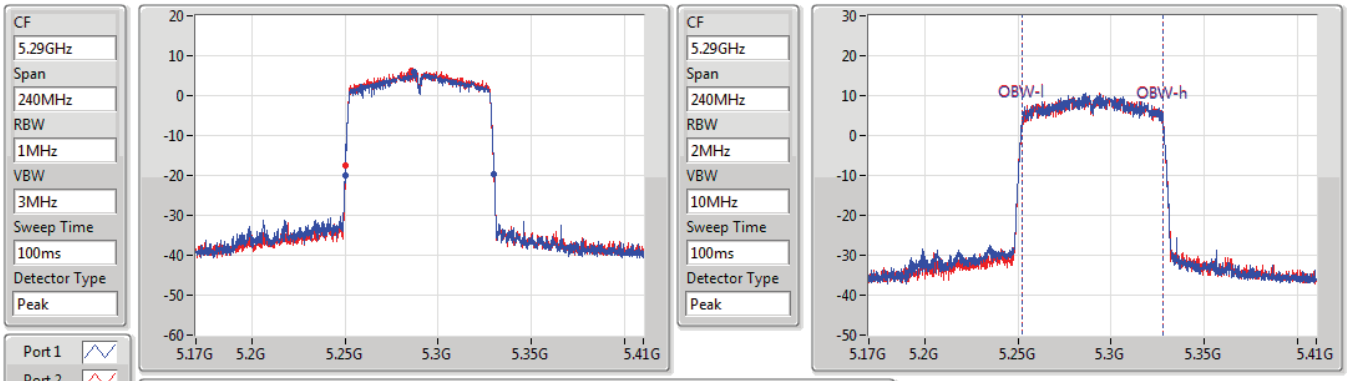


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	18.371M	5.72501G	5.743381G	500k	1
3.1M	5.725G	5.7281G	17.151M	5.72501G	5.742161G	500k	2

802.11ac VHT80_Nss2,(MCS0)_2TX EBW

5290MHz

06/05/2022

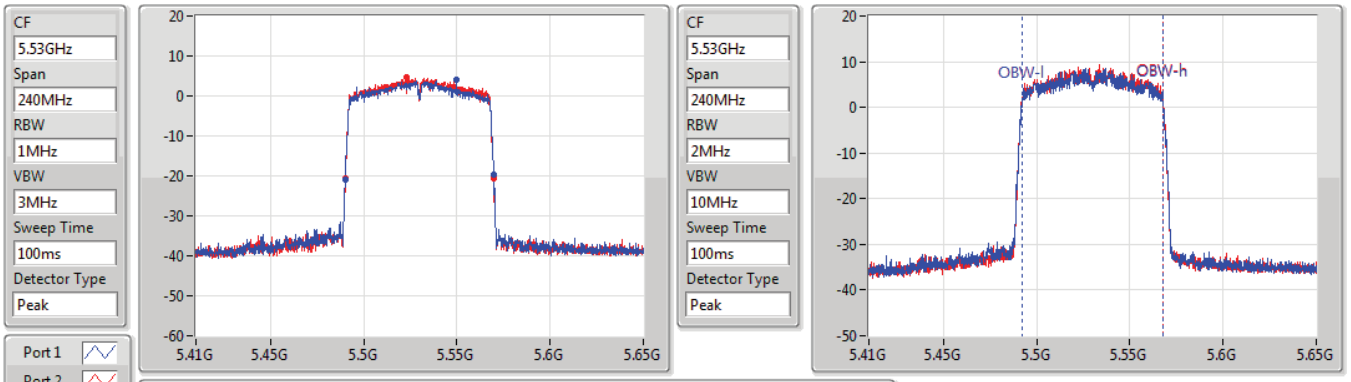


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.04M	5.25004G	5.33008G	75.322M	5.252339G	5.327661G	Inf	1
79.92M	5.25016G	5.33008G	75.322M	5.252339G	5.327661G	Inf	2

802.11ac VHT80_Nss2,(MCS0)_2TX EBW

5530MHz

06/05/2022

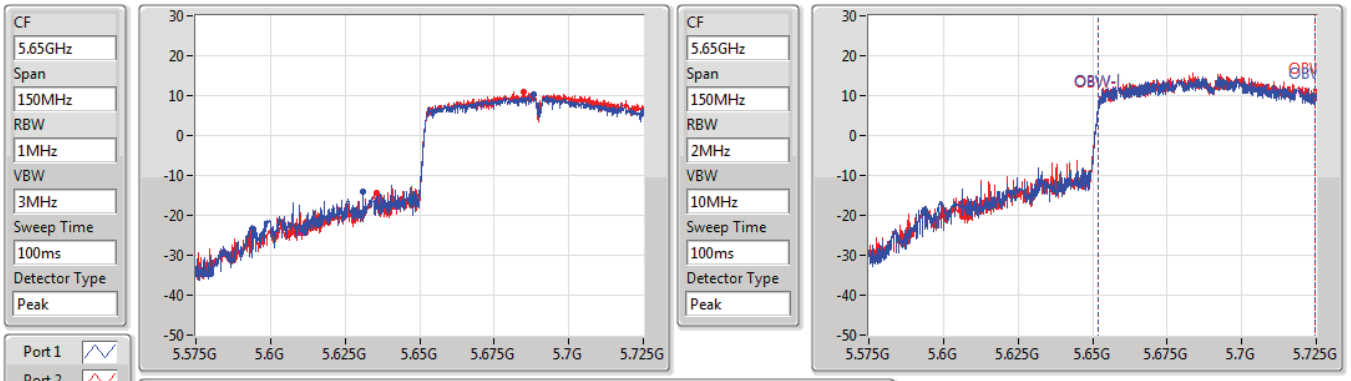


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
79.92M	5.48992G	5.56984G	75.202M	5.492339G	5.567541G	Inf	1
79.44M	5.49028G	5.56972G	75.202M	5.492339G	5.567541G	Inf	2

802.11ac VHT80_Nss2,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

23/06/2022

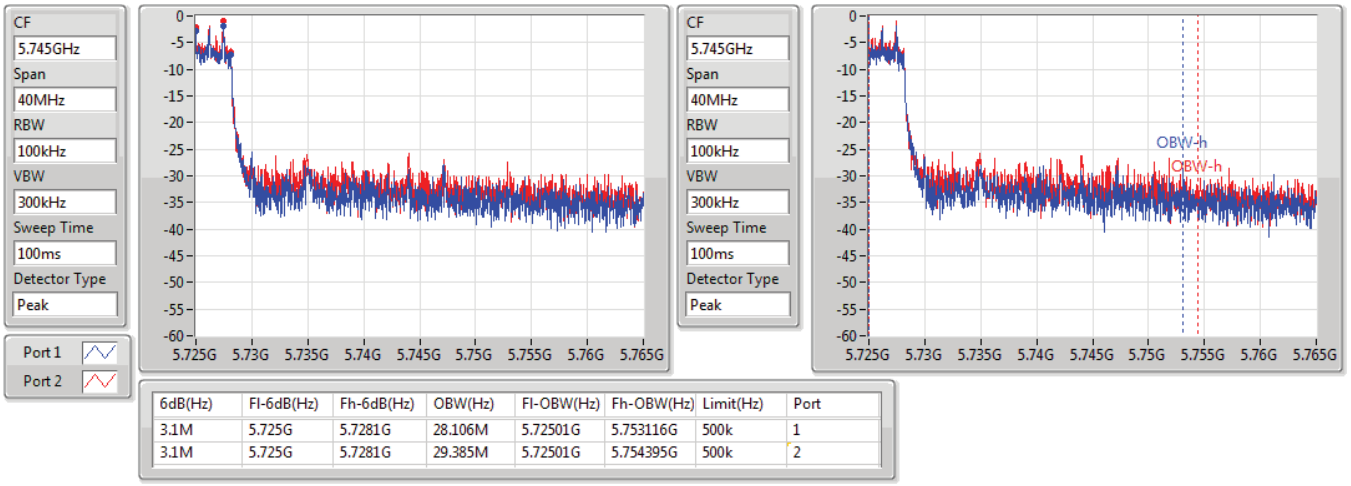


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
94.125M	5.630875G	5.725G	72.564M	5.651874G	5.724438G	Inf	1
89.325M	5.635675G	5.725G	72.489M	5.651949G	5.724438G	Inf	2

802.11ac VHT80_Nss2,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

23/06/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	28.106M	5.72501G	5.753116G	500k	1
3.1M	5.725G	5.7281G	29.385M	5.72501G	5.754395G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.97	0.12503	25.94	0.39264
802.11ac VHT20_Nss2,(MCS0)_2TX	21.70	0.14791	26.47	0.44361
802.11ac VHT40_Nss2,(MCS0)_2TX	21.41	0.13836	26.18	0.41495
802.11ac VHT80_Nss2,(MCS0)_2TX	16.57	0.04539	21.34	0.13614
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.83	0.12106	25.80	0.38019
802.11ac VHT20_Nss2,(MCS0)_2TX	21.71	0.14825	26.48	0.44463
802.11ac VHT40_Nss2,(MCS0)_2TX	21.52	0.14191	26.29	0.42560
802.11ac VHT80_Nss2,(MCS0)_2TX	21.61	0.14488	26.38	0.43451
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	12.84	0.01923	17.81	0.06039
802.11ac VHT20_Nss2,(MCS0)_2TX	19.08	0.08091	23.85	0.24266
802.11ac VHT40_Nss2,(MCS0)_2TX	9.15	0.00822	13.92	0.02466
802.11ac VHT80_Nss2,(MCS0)_2TX	5.79	0.00379	10.56	0.01138

Result

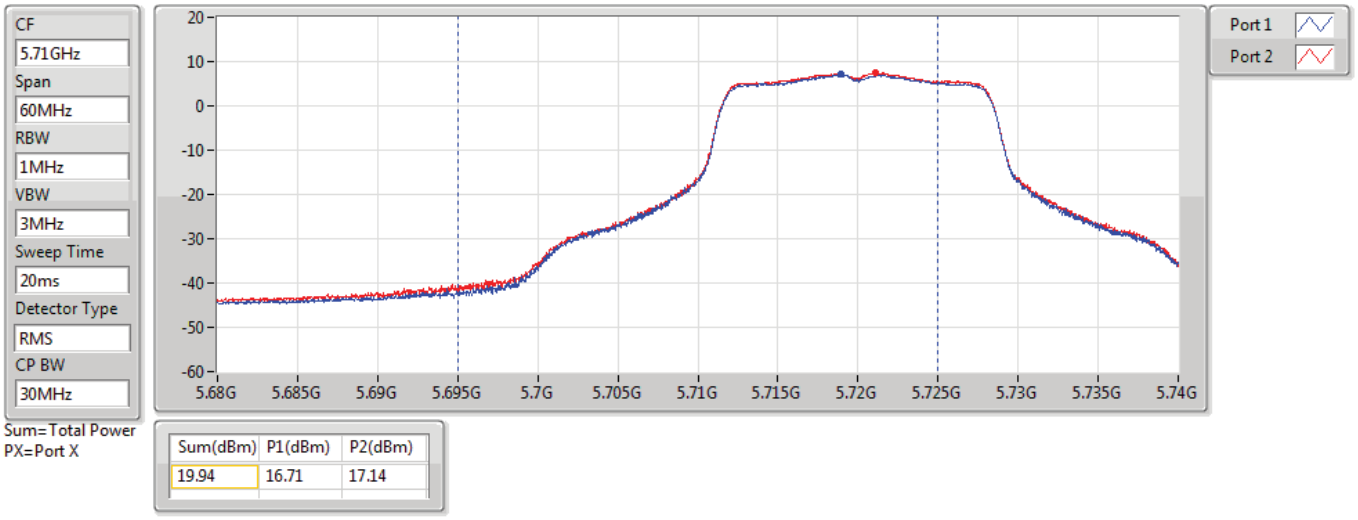
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.97	17.48	17.56	20.53	23.98	25.50	26.99
5280MHz	Pass	4.97	17.92	18.00	20.97	23.98	25.94	26.99
5300MHz	Pass	4.97	17.63	17.93	20.79	23.98	25.76	26.99
5320MHz	Pass	4.97	17.54	18.07	20.82	23.98	25.79	26.99
5500MHz	Pass	4.97	15.67	16.18	18.94	23.98	23.91	26.99
5520MHz	Pass	4.97	17.63	17.78	20.72	23.98	25.69	26.99
5540MHz	Pass	4.97	17.83	17.81	20.83	23.98	25.80	26.99
5560MHz	Pass	4.97	17.80	17.75	20.79	23.98	25.76	26.99
5580MHz	Pass	4.97	17.04	17.82	20.46	23.98	25.43	26.99
5660MHz	Pass	4.97	17.25	17.82	20.55	23.98	25.52	26.99
5680MHz	Pass	4.97	17.19	17.76	20.49	23.98	25.46	26.99
5700MHz	Pass	4.97	14.08	14.32	17.21	23.98	22.18	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	4.97	16.71	17.14	19.94	23.64	24.91	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.97	9.63	10.02	12.84	30.00	17.81	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.77	18.50	18.48	21.50	23.98	26.27	26.99
5280MHz	Pass	4.77	18.53	18.47	21.51	23.98	26.28	26.99
5300MHz	Pass	4.77	18.54	18.84	21.70	23.98	26.47	26.99
5320MHz	Pass	4.77	15.21	15.42	18.33	23.98	23.10	26.99
5500MHz	Pass	4.77	16.95	17.48	20.23	23.98	25.00	26.99
5520MHz	Pass	4.77	18.43	18.96	21.71	23.98	26.48	26.99
5540MHz	Pass	4.77	18.34	18.12	21.24	23.98	26.01	26.99
5560MHz	Pass	4.77	18.88	18.47	21.69	23.98	26.46	26.99
5580MHz	Pass	4.77	18.24	18.45	21.36	23.98	26.13	26.99
5660MHz	Pass	4.77	18.36	18.75	21.57	23.98	26.34	26.99
5680MHz	Pass	4.77	18.25	18.70	21.49	23.98	26.26	26.99
5700MHz	Pass	4.77	15.34	15.68	18.52	23.98	23.29	26.99
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	18.11	18.35	21.24	23.67	26.01	26.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	13.73	17.58	19.08	30.00	23.85	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.77	18.42	18.37	21.41	23.98	26.18	26.99
5310MHz	Pass	4.77	15.58	15.81	18.71	23.98	23.48	26.99
5510MHz	Pass	4.77	14.84	15.29	18.08	23.98	22.85	26.99
5550MHz	Pass	4.77	18.64	18.28	21.47	23.98	26.24	26.99
5670MHz	Pass	4.77	16.88	17.45	20.18	23.98	24.95	26.99
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	18.41	18.61	21.52	23.98	26.29	26.99
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	6.08	6.20	9.15	30.00	13.92	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.77	13.52	13.60	16.57	23.98	21.34	26.99
5530MHz	Pass	4.77	11.82	11.83	14.84	23.98	19.61	26.99
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	18.37	18.82	21.61	23.98	26.38	26.99
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	2.47	3.07	5.79	30.00	10.56	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

29/05/2022

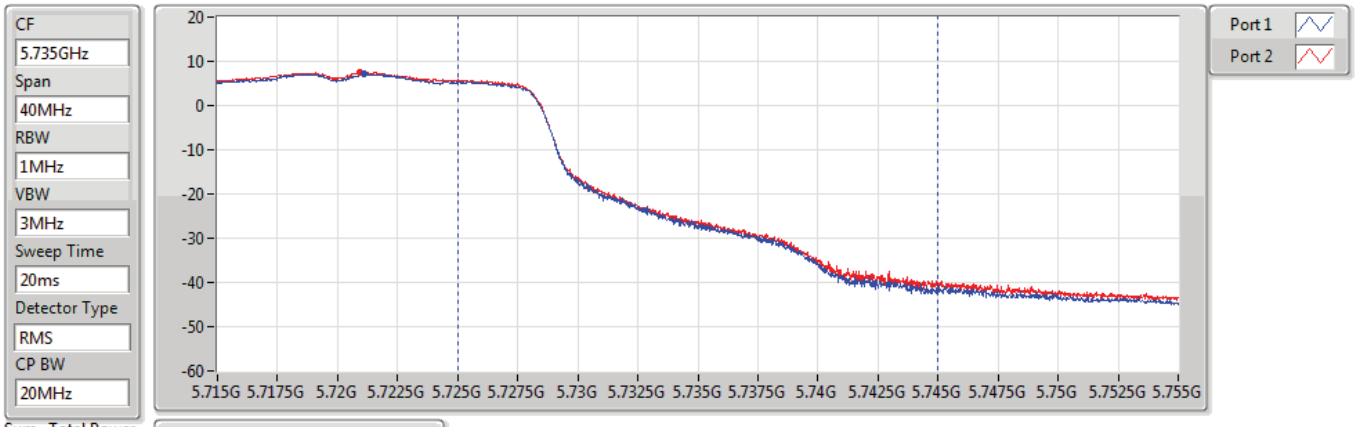


Sum(dBm)	P1(dBm)	P2(dBm)
19.94	16.71	17.14

802.11a_Nss1,(6Mbps)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/05/2022

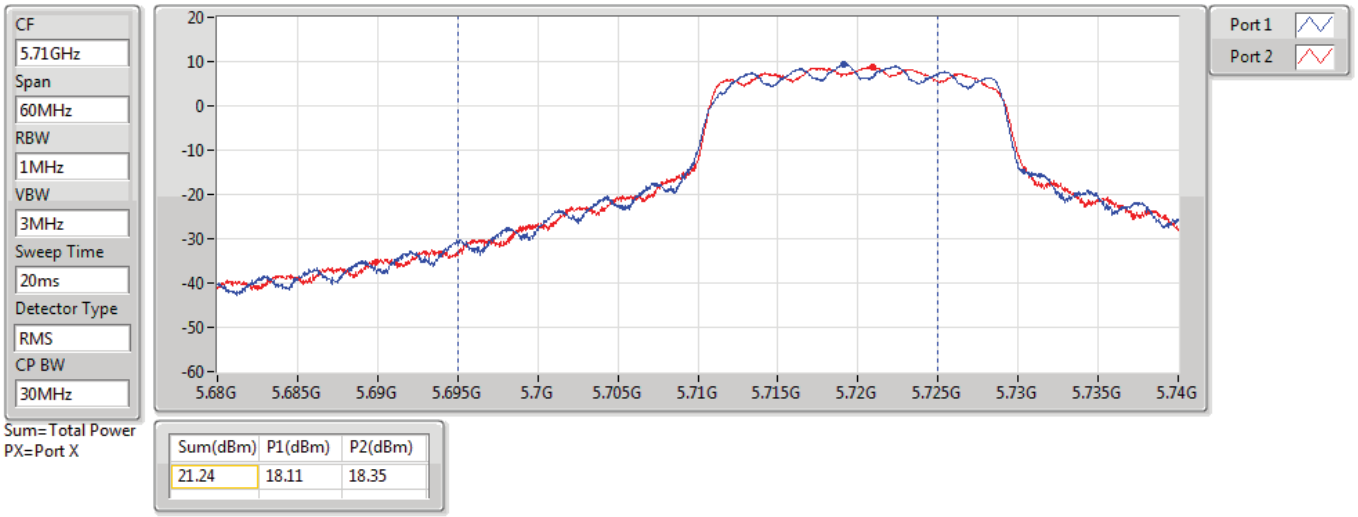


Sum(dBm)	P1(dBm)	P2(dBm)
12.84	9.63	10.02

802.11ac VHT20_Nss2,(MCS0)_2TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

23/06/2022

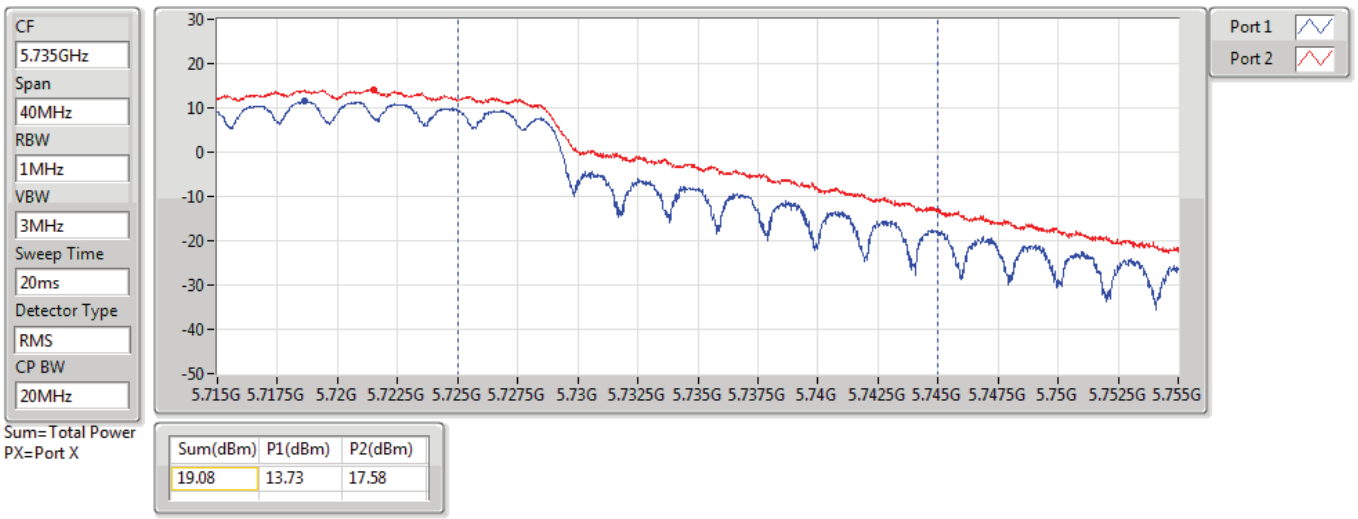


Sum(dBm)	P1(dBm)	P2(dBm)
21.24	18.11	18.35

802.11ac VHT20_Nss2,(MCS0)_2TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

29/05/2022

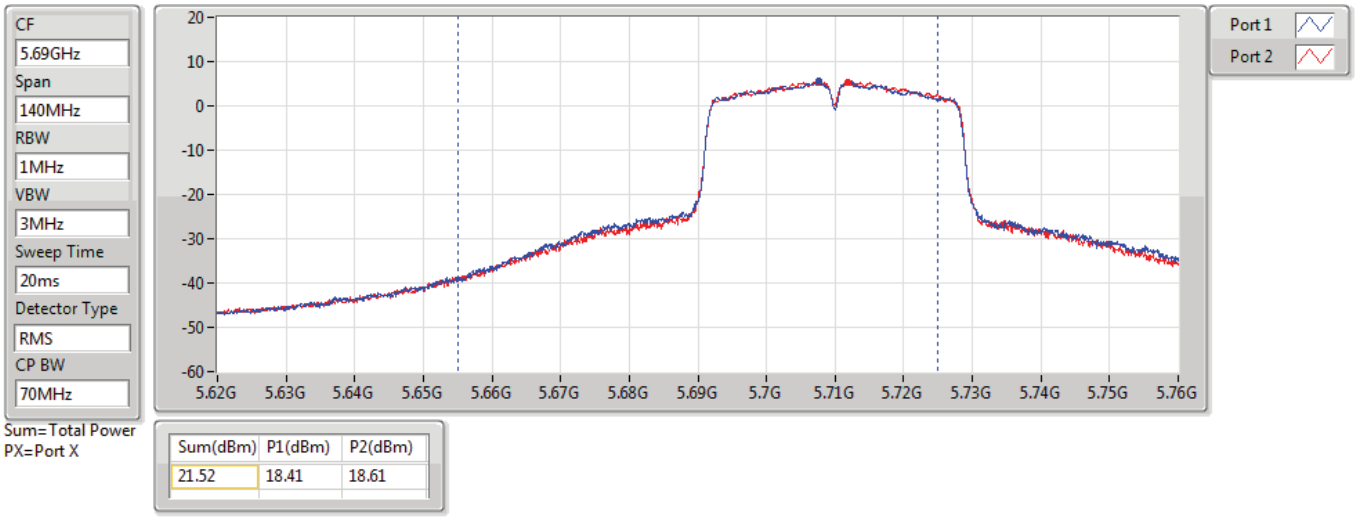


Sum(dBm)	P1(dBm)	P2(dBm)
19.08	13.73	17.58

802.11ac VHT40_Nss2,(MCS0)_2TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

23/06/2022

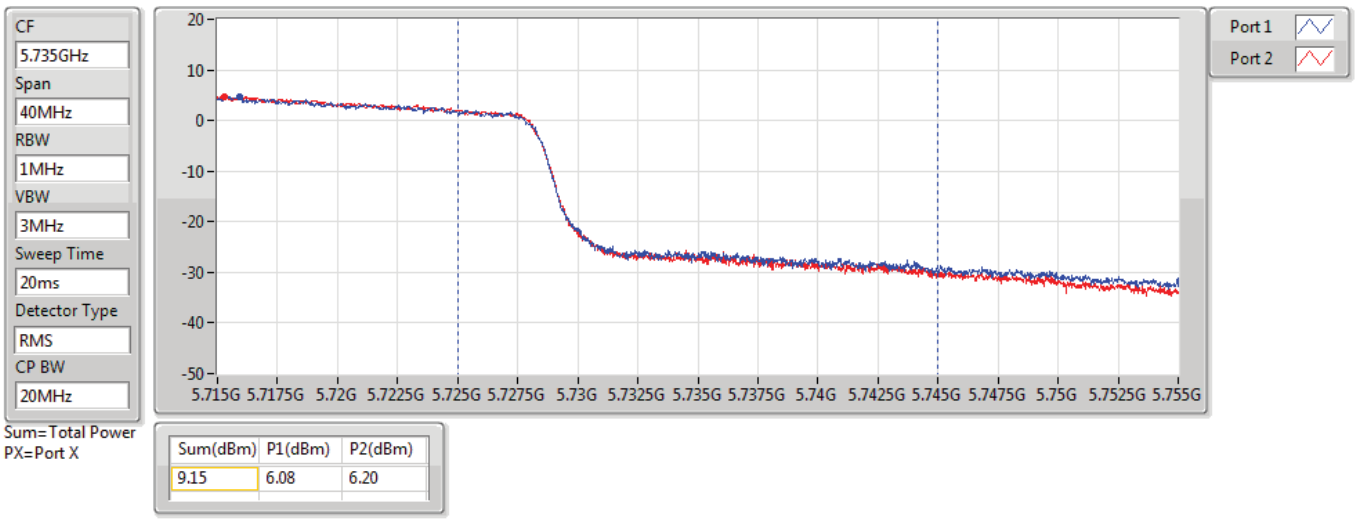


Sum(dBm)	P1(dBm)	P2(dBm)
21.52	18.41	18.61

802.11ac VHT40_Nss2,(MCS0)_2TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

23/06/2022

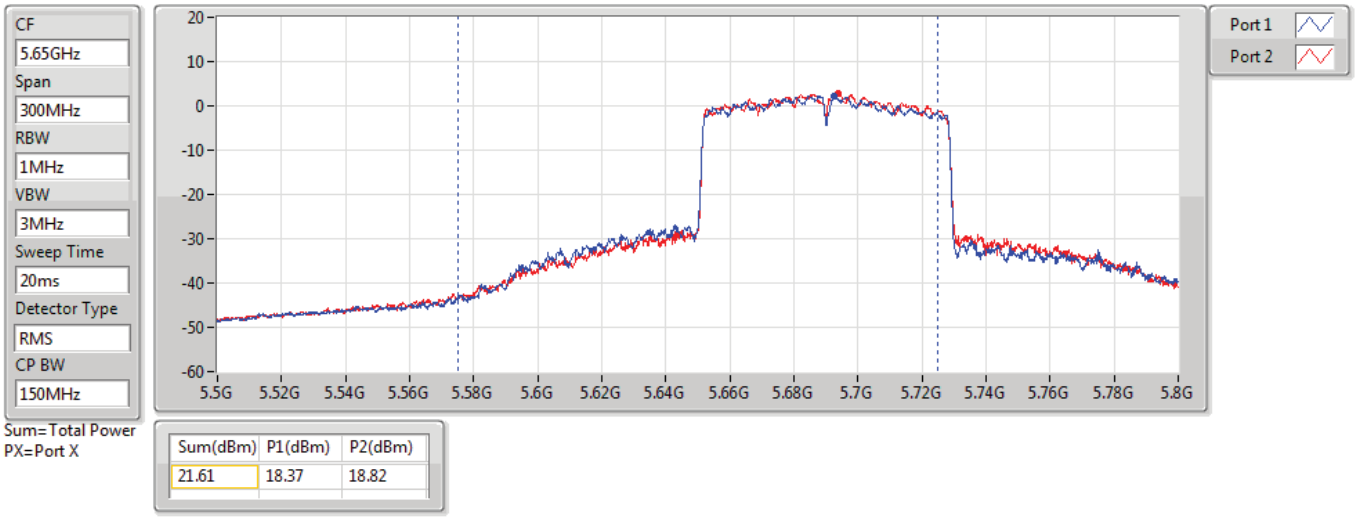


Sum(dBm)	P1(dBm)	P2(dBm)
9.15	6.08	6.20

802.11ac VHT80_Nss2,(MCS0)_2TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

23/06/2022

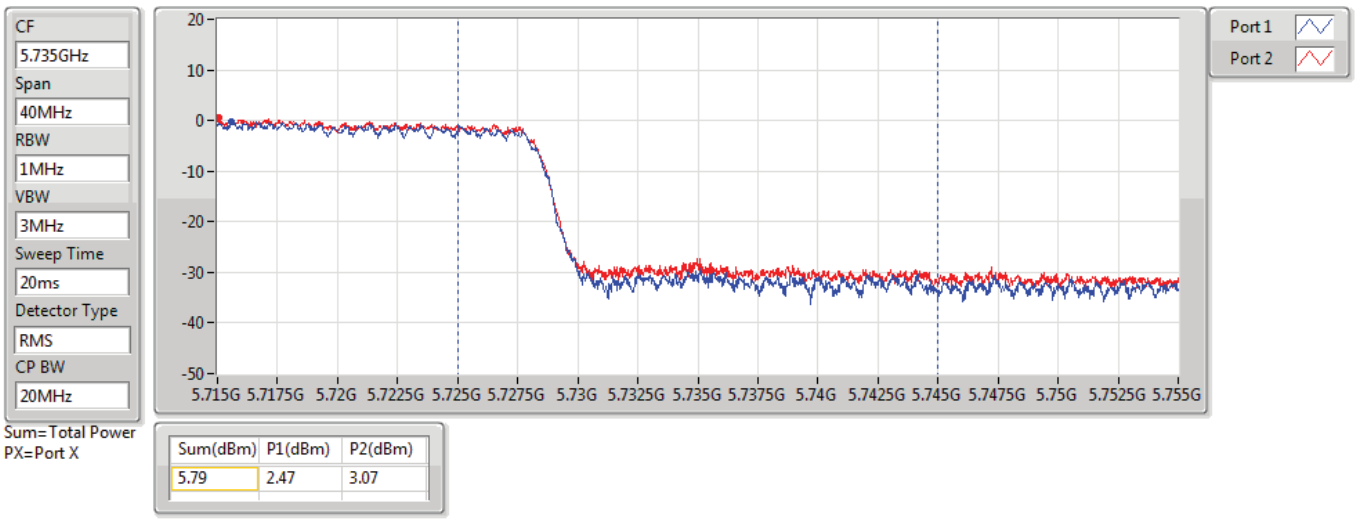


Sum(dBm)	P1(dBm)	P2(dBm)
21.61	18.37	18.82

802.11ac VHT80_Nss2,(MCS0)_2TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

23/06/2022



Sum(dBm)	P1(dBm)	P2(dBm)
5.79	2.47	3.07

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.20	16.98
802.11ac VHT20_Nss2,(MCS0)_2TX	8.97	13.74
802.11ac VHT40_Nss2,(MCS0)_2TX	5.99	10.76
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.82	3.95
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.06	16.84
802.11ac VHT20_Nss2,(MCS0)_2TX	10.65	15.42
802.11ac VHT40_Nss2,(MCS0)_2TX	6.64	11.41
802.11ac VHT80_Nss2,(MCS0)_2TX	4.19	8.96
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.25	13.03
802.11ac VHT20_Nss2,(MCS0)_2TX	12.22	16.99
802.11ac VHT40_Nss2,(MCS0)_2TX	2.01	6.78
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.96	3.81

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

Result

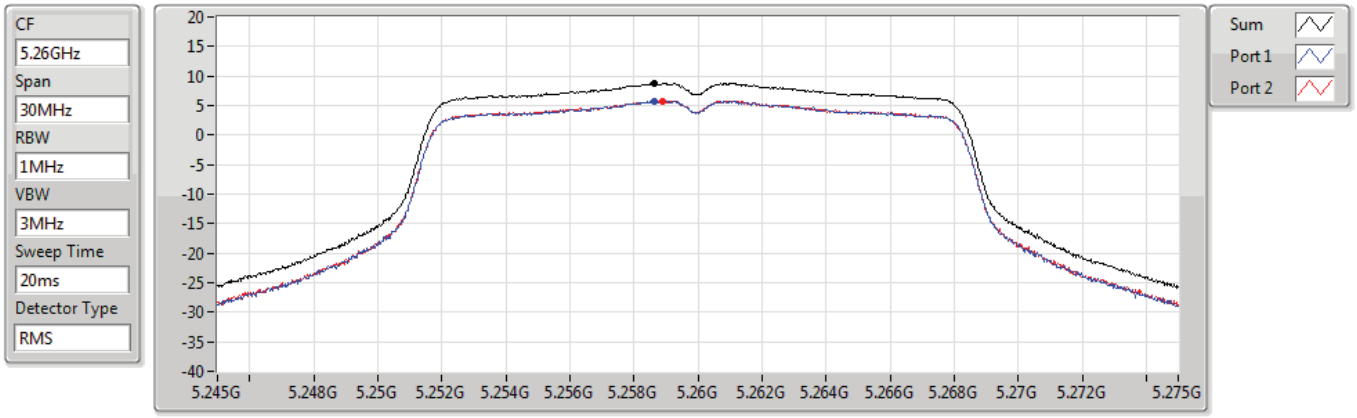
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.78	5.81	5.81	8.77	9.22	16.55	17.00
5280MHz	Pass	7.78	6.20	6.35	9.20	9.22	16.98	17.00
5300MHz	Pass	7.78	6.10	6.24	9.18	9.22	16.96	17.00
5320MHz	Pass	7.78	6.09	6.36	9.13	9.22	16.91	17.00
5500MHz	Pass	7.78	3.88	4.47	7.12	9.22	14.90	17.00
5520MHz	Pass	7.78	5.83	6.53	9.06	9.22	16.84	17.00
5540MHz	Pass	7.78	6.01	6.08	8.99	9.22	16.77	17.00
5560MHz	Pass	7.78	6.07	6.02	9.06	9.22	16.84	17.00
5580MHz	Pass	7.78	5.53	6.14	8.74	9.22	16.52	17.00
5660MHz	Pass	7.78	5.54	6.17	8.80	9.22	16.58	17.00
5680MHz	Pass	7.78	5.57	6.04	8.73	9.22	16.51	17.00
5700MHz	Pass	7.78	2.36	2.71	5.42	9.22	13.20	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.78	5.83	6.25	9.05	9.22	16.83	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.78	2.29	2.62	5.25	28.22	13.03	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.77	5.89	5.96	8.86	11.00	13.63	17.00
5280MHz	Pass	4.77	5.73	5.68	8.65	11.00	13.42	17.00
5300MHz	Pass	4.77	6.05	6.13	8.97	11.00	13.74	17.00
5320MHz	Pass	4.77	3.56	3.69	6.59	11.00	11.36	17.00
5500MHz	Pass	4.77	4.97	5.38	8.06	11.00	12.83	17.00
5520MHz	Pass	4.77	5.86	6.00	8.85	11.00	13.62	17.00
5540MHz	Pass	4.77	5.62	5.41	8.40	11.00	13.17	17.00
5560MHz	Pass	4.77	6.21	5.72	8.85	11.00	13.62	17.00
5580MHz	Pass	4.77	5.48	5.67	8.53	11.00	13.30	17.00
5660MHz	Pass	4.77	5.83	6.11	8.88	11.00	13.65	17.00
5680MHz	Pass	4.77	6.50	7.15	9.75	11.00	14.52	17.00
5700MHz	Pass	4.77	3.38	3.75	6.51	11.00	11.28	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	7.59	7.88	10.65	11.00	15.42	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	9.07	9.36	12.22	30.00	16.99	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.77	3.12	3.24	5.99	11.00	10.76	17.00
5310MHz	Pass	4.77	1.42	1.77	3.98	11.00	8.75	17.00
5510MHz	Pass	4.77	0.19	0.66	3.28	11.00	8.05	17.00
5550MHz	Pass	4.77	3.31	2.79	6.02	11.00	10.79	17.00
5670MHz	Pass	4.77	2.41	3.02	5.60	11.00	10.37	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	3.56	3.99	6.64	11.00	11.41	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	-1.28	-0.70	2.01	30.00	6.78	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.77	-3.27	-3.55	-0.82	11.00	3.95	17.00
5530MHz	Pass	4.77	-5.68	-5.56	-2.81	11.00	1.96	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	1.40	1.04	4.19	11.00	8.96	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	-3.67	-3.21	-0.96	30.00	3.81	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

5260MHz

29/05/2022

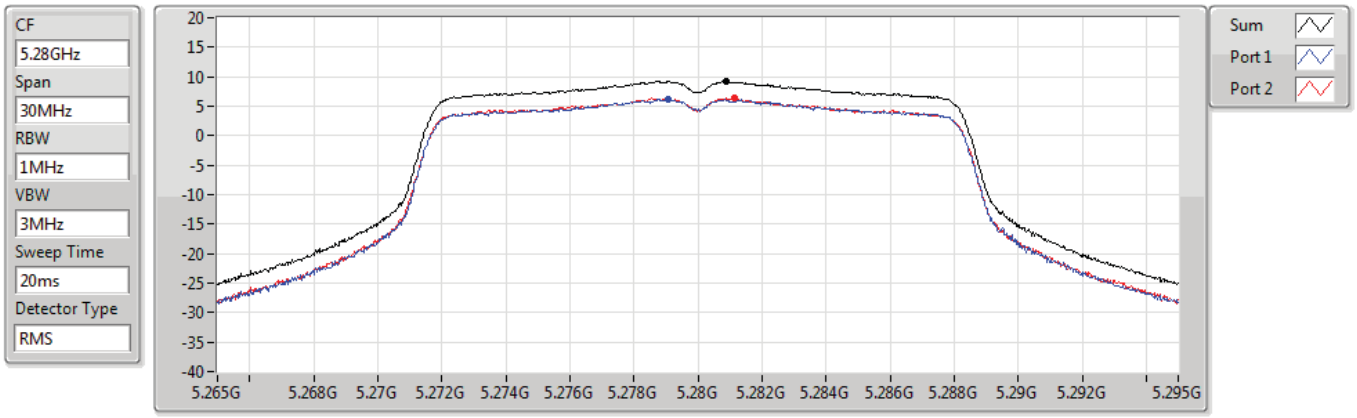


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	5.81	5.81

802.11a_Nss1,(6Mbps)_2TX PSD

5280MHz

29/05/2022

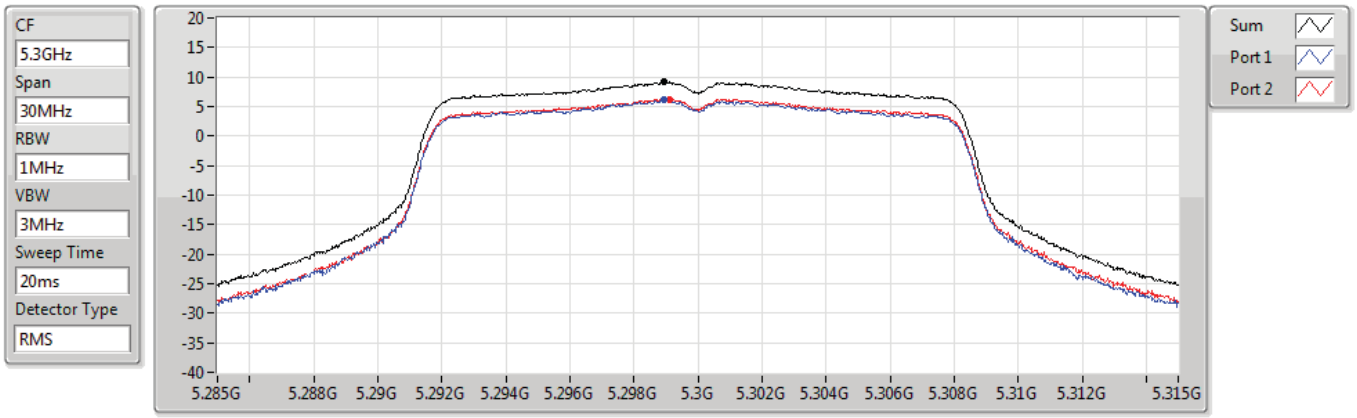


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.20	9.20	6.20	6.35

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

29/05/2022

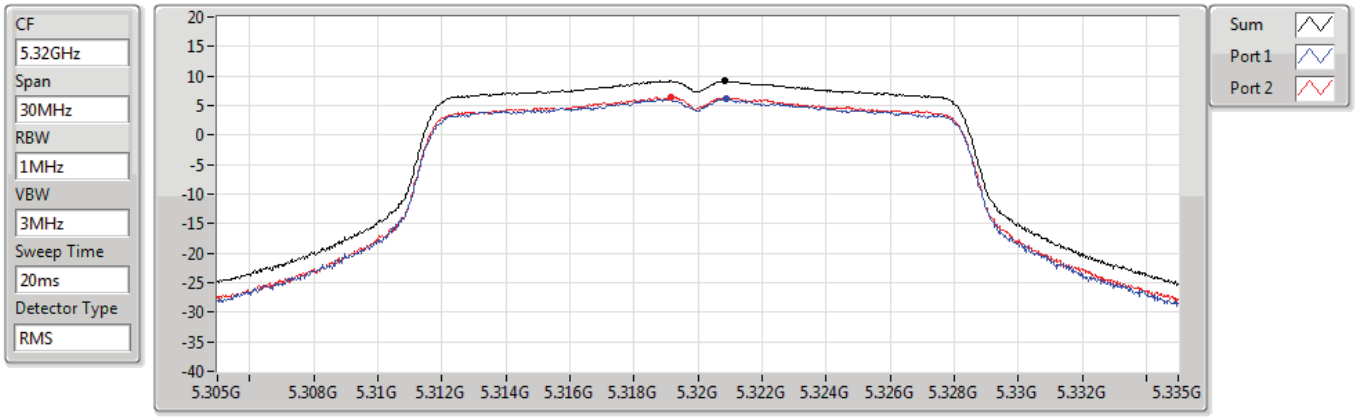


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.10	6.24

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

29/05/2022



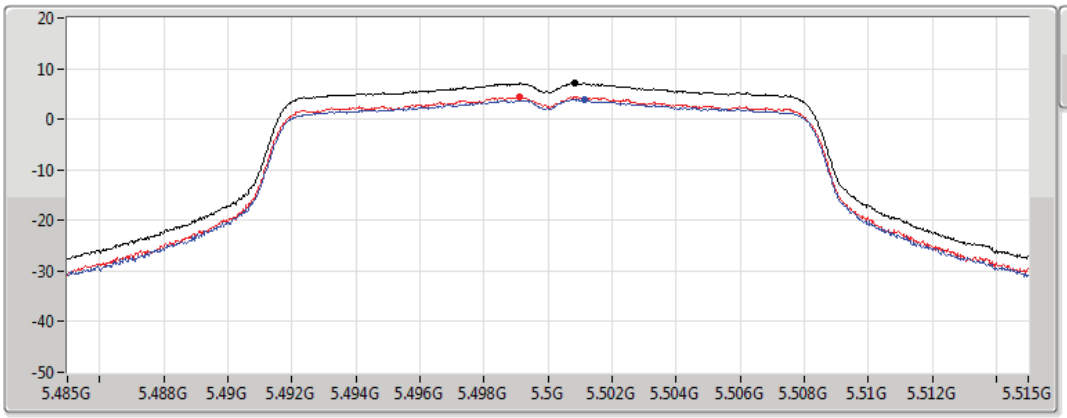
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.13	9.13	6.09	6.36

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

29/05/2022

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



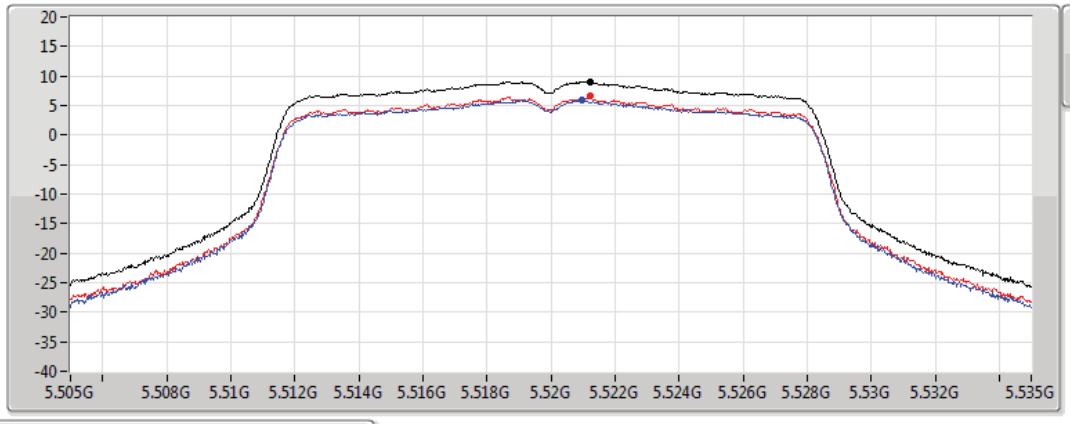
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.12	7.12	3.88	4.47

802.11a_Nss1,(6Mbps)_2TX PSD

5520MHz

29/05/2022

CF	5.52GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



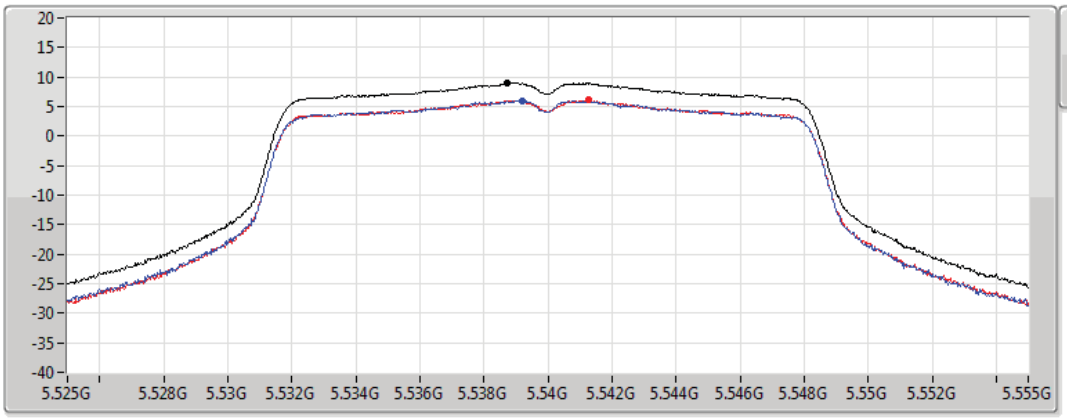
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	5.83	6.53

802.11a_Nss1,(6Mbps)_2TX PSD

5540MHz

29/05/2022

CF	5.54GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



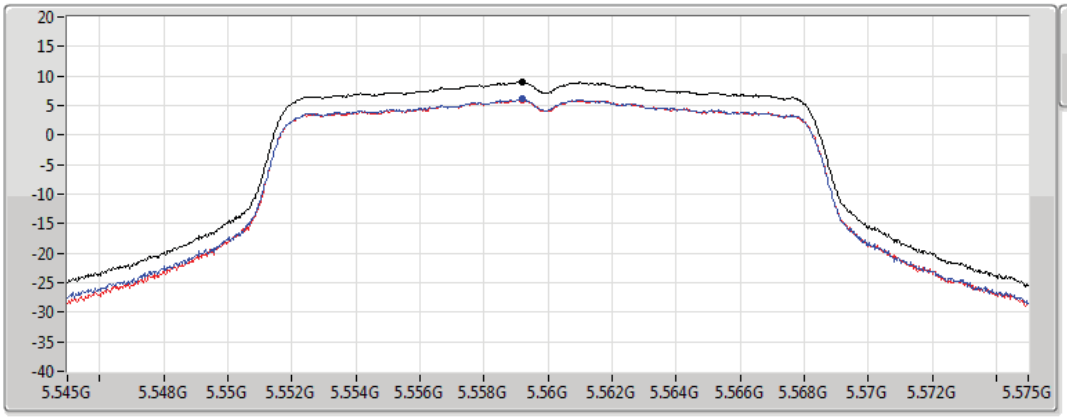
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	6.01	6.08

802.11a_Nss1,(6Mbps)_2TX PSD

5560MHz

29/05/2022

CF	5.56GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



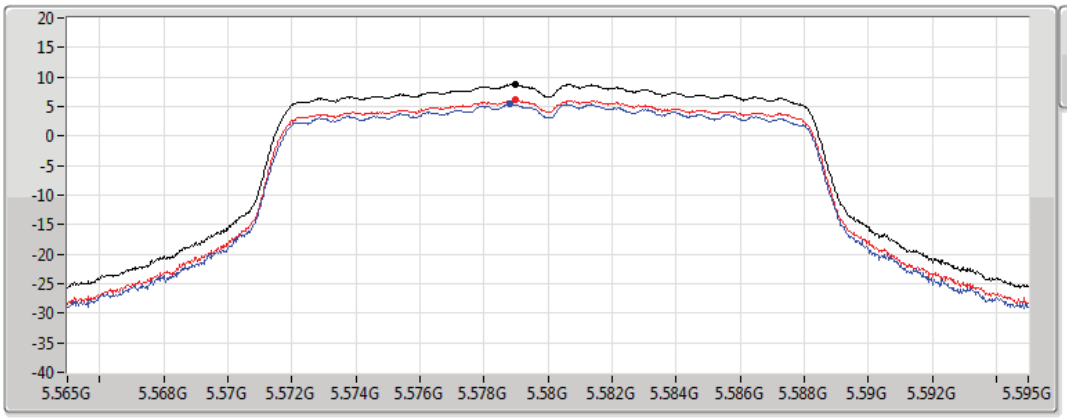
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.06	9.06	6.07	6.02

802.11a_Nss1,(6Mbps)_2TX PSD

5580MHz

29/05/2022

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



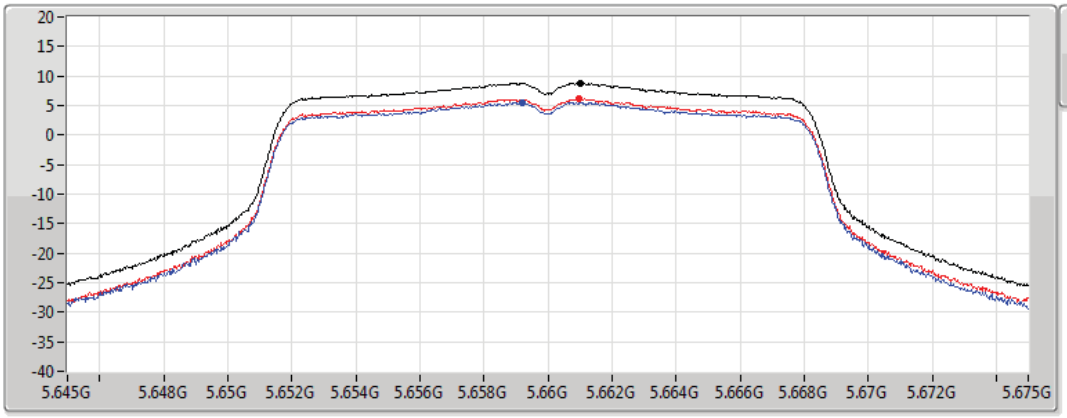
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.53	6.14

802.11a_Nss1,(6Mbps)_2TX PSD

5660MHz

29/05/2022

CF	5.66GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



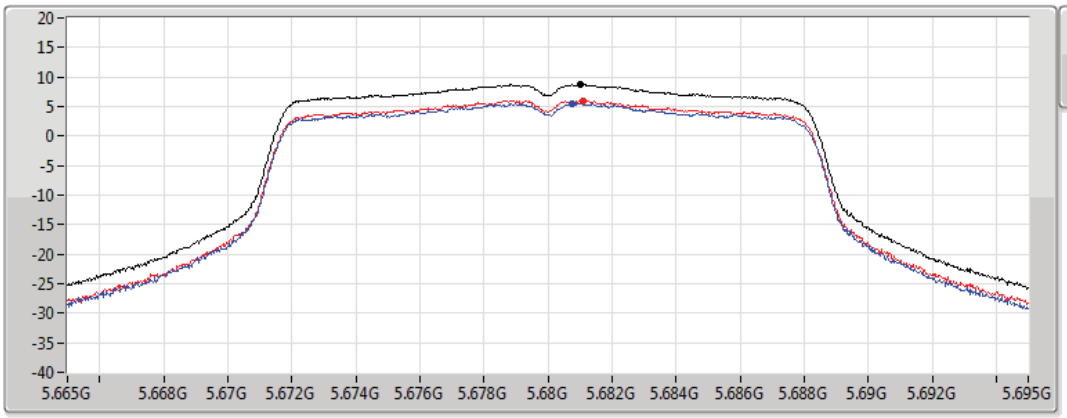
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	5.54	6.17

802.11a_Nss1,(6Mbps)_2TX PSD

5680MHz

29/05/2022

CF	5.68GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



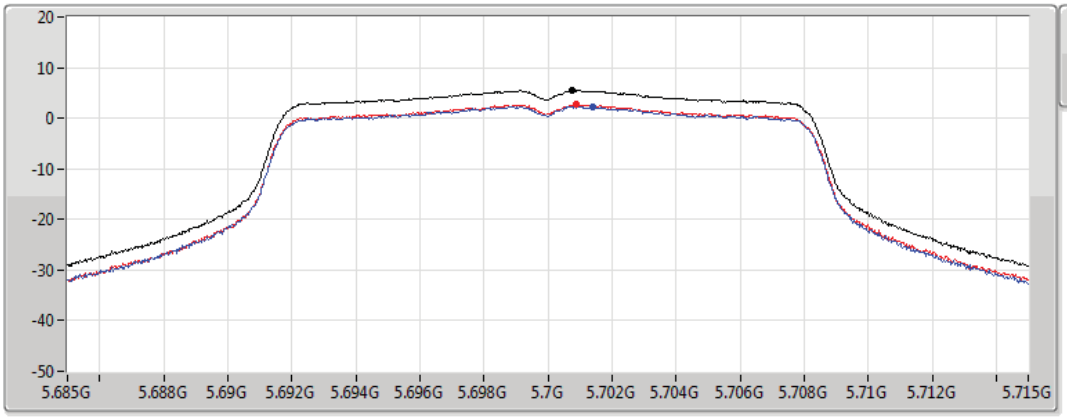
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	5.57	6.04

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

29/05/2022

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

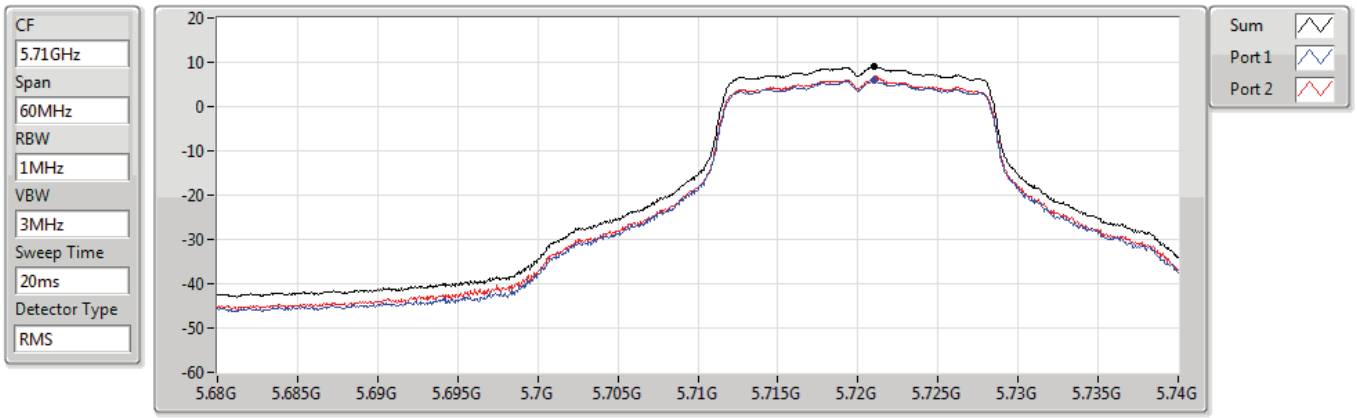


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	2.36	2.71

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

29/05/2022

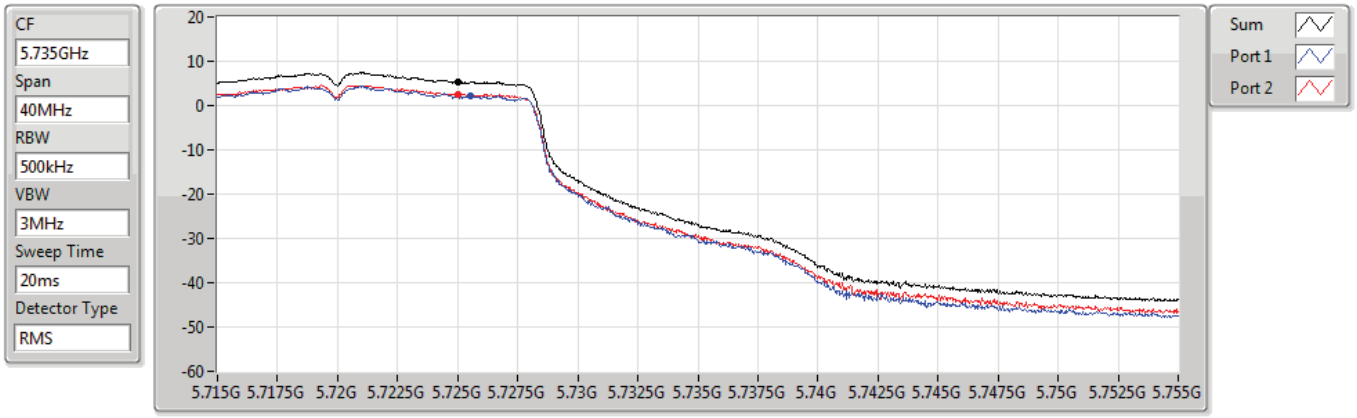


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	5.83	6.25

802.11a_Nss1,(6Mbps)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

29/05/2022



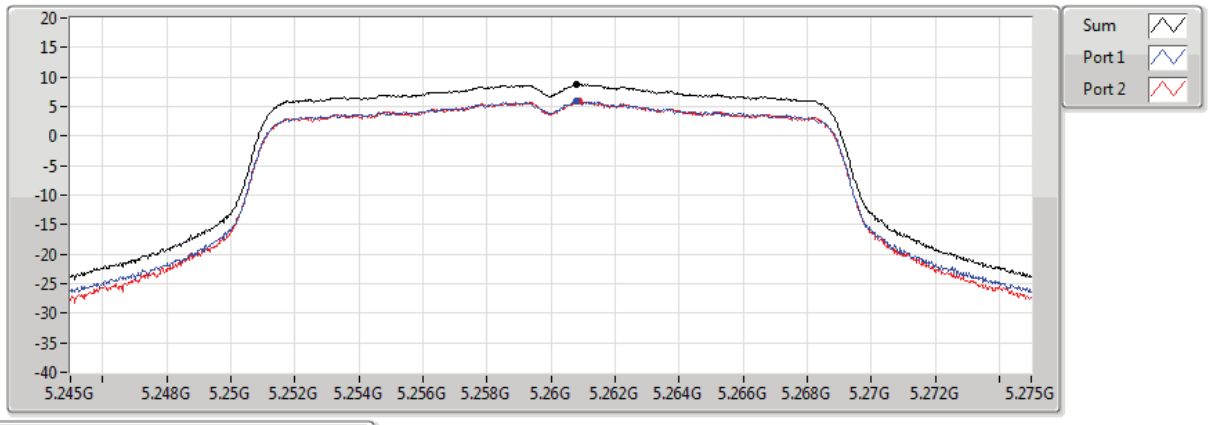
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	2.29	2.62

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5260MHz

23/06/2022

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



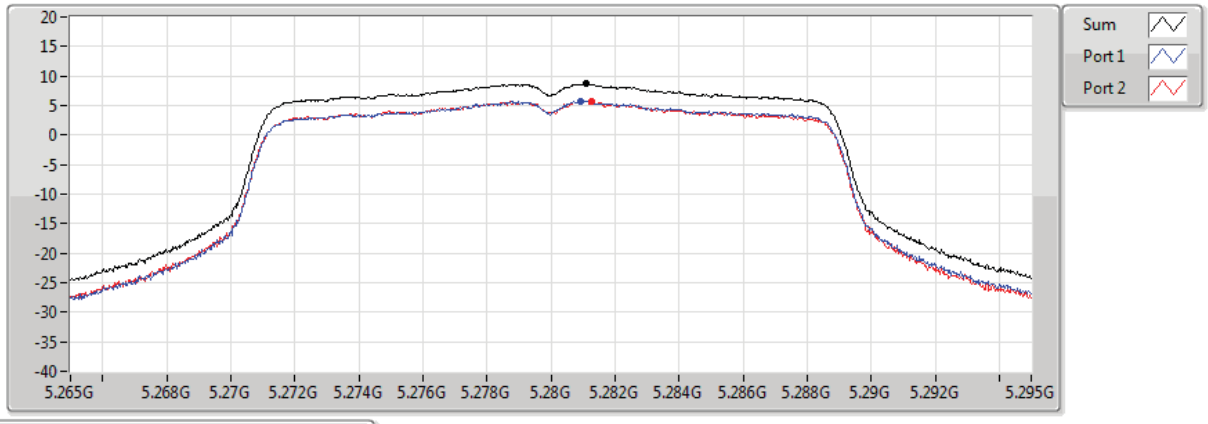
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	5.89	5.96

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5280MHz

23/06/2022

CF	5.28GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



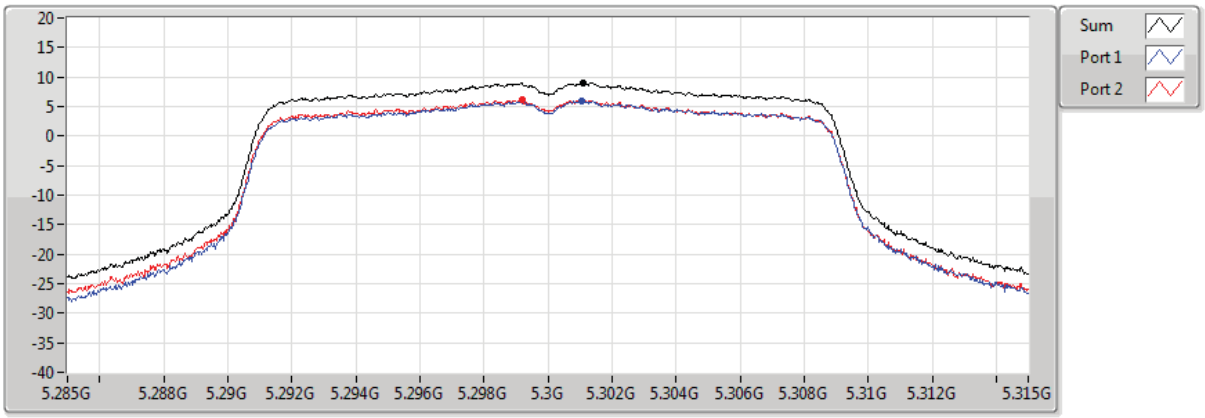
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	5.73	5.68

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5300MHz

23/06/2022

CF	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



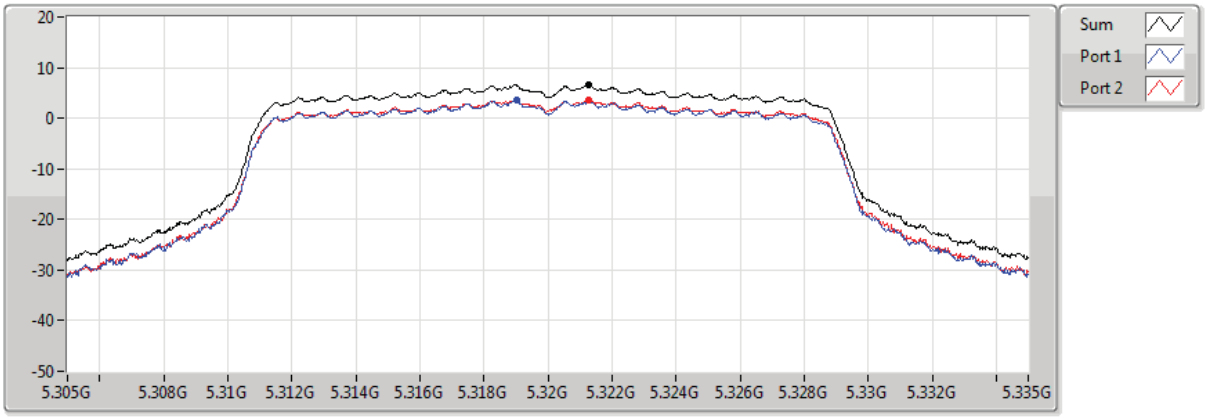
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	6.05	6.13

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5320MHz

29/05/2022

CF	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



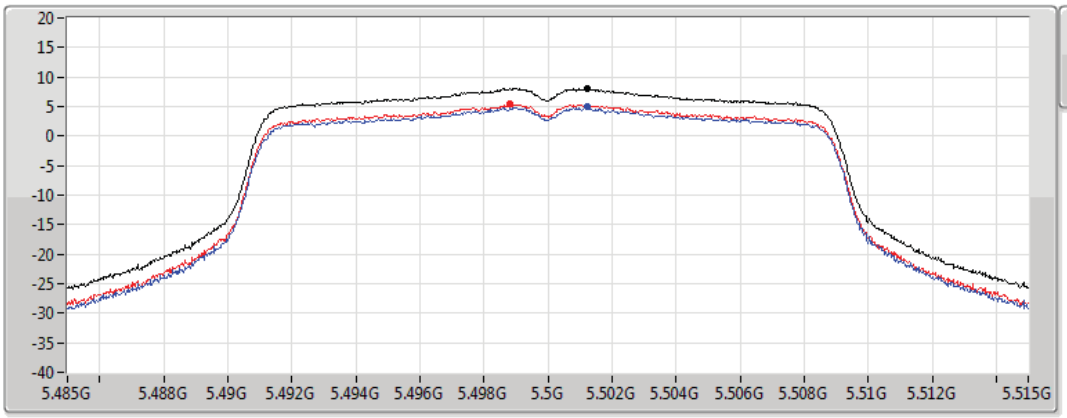
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.56	3.69

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5500MHz

29/05/2022

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



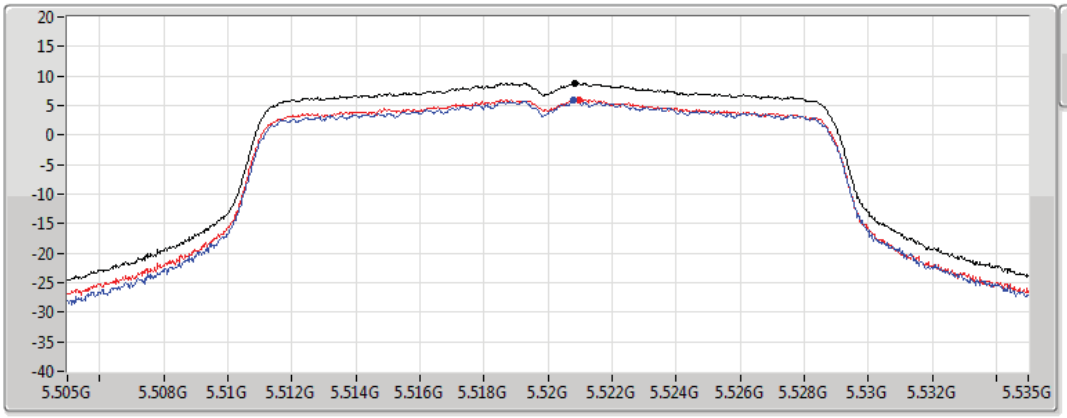
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.06	8.06	4.97	5.38

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5520MHz

23/06/2022

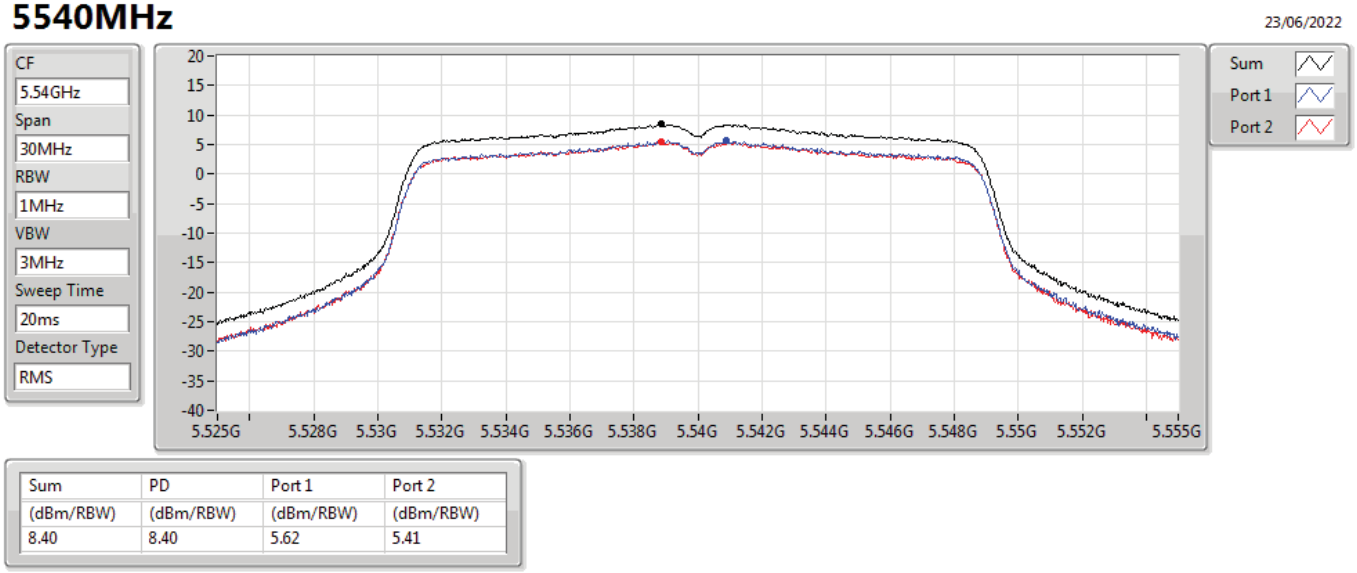
CF	5.52GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	5.86	6.00

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

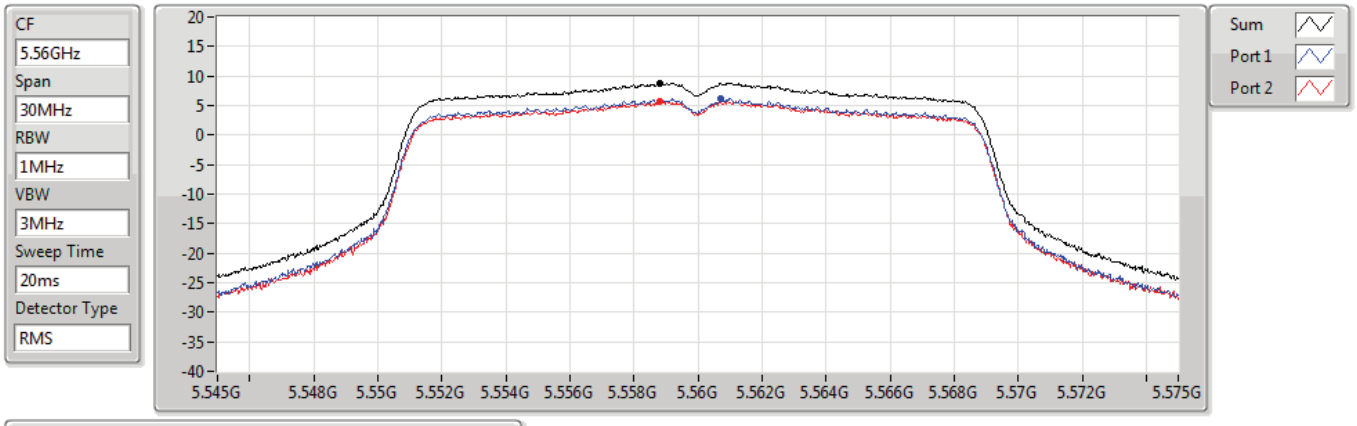
5540MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	5.62	5.41

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

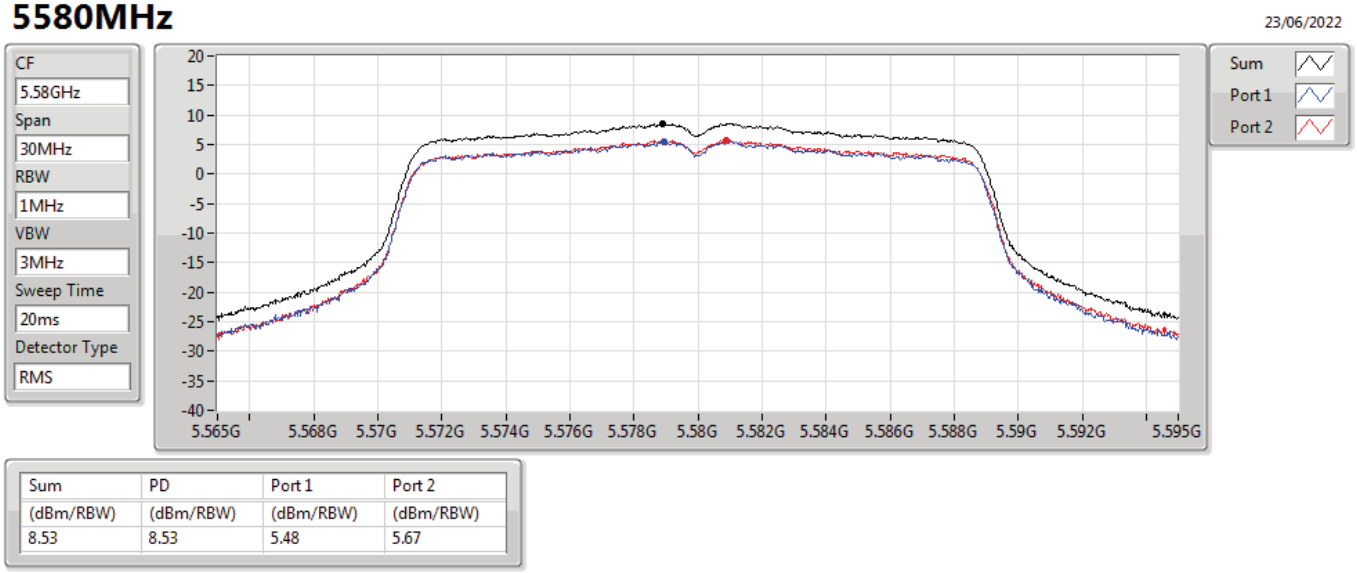
5560MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	6.21	5.72

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

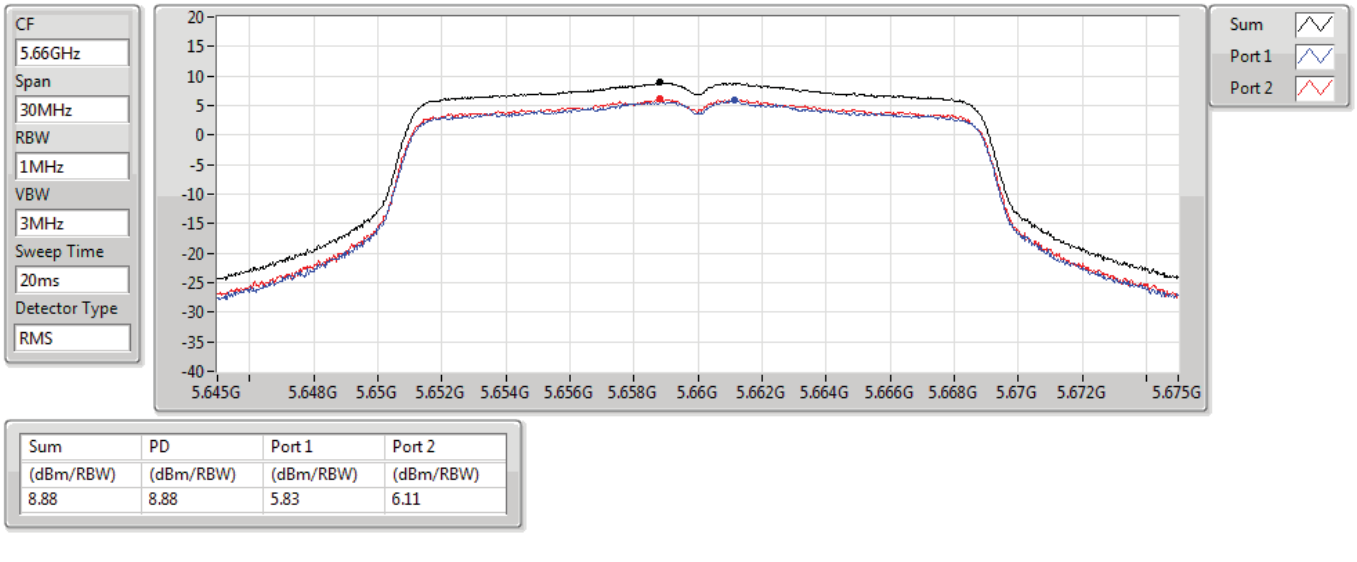
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.48	5.67

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5660MHz



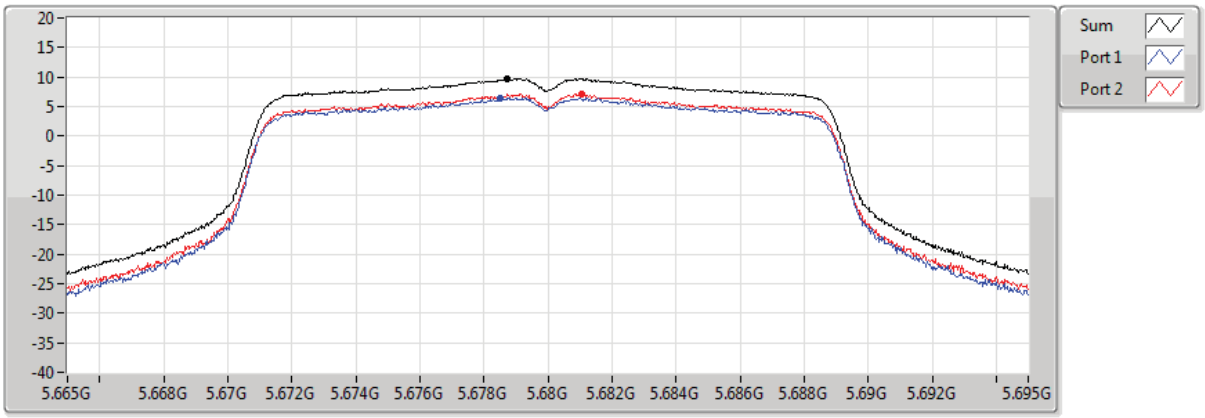
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	5.83	6.11

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5680MHz

29/05/2022

CF	5.68GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



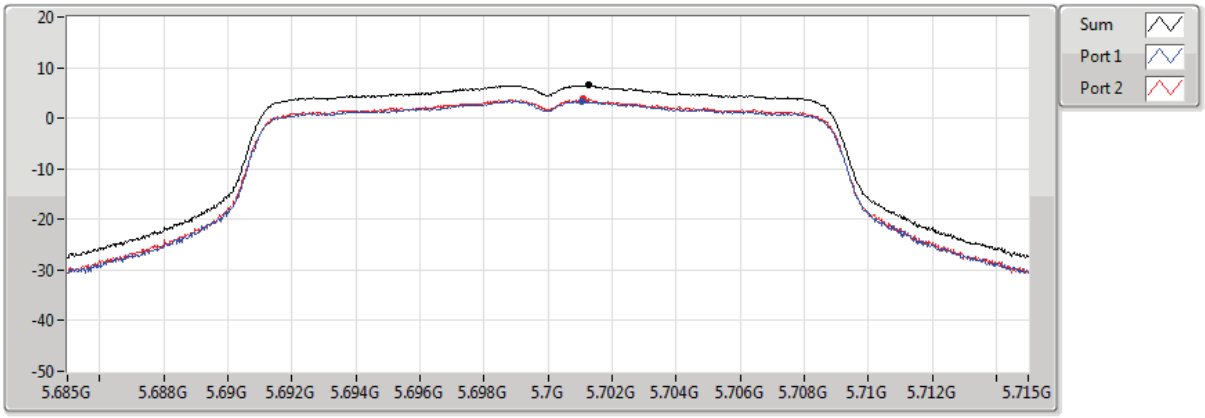
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.75	9.75	6.50	7.15

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5700MHz

29/05/2022

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

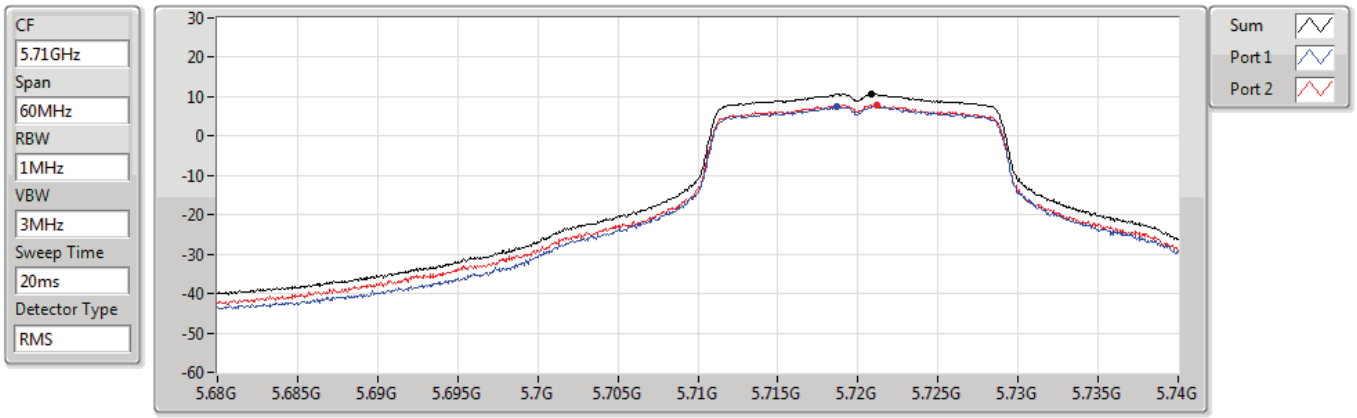


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	3.38	3.75

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5720MHz Straddle 5.47-5.725GHz

29/05/2022

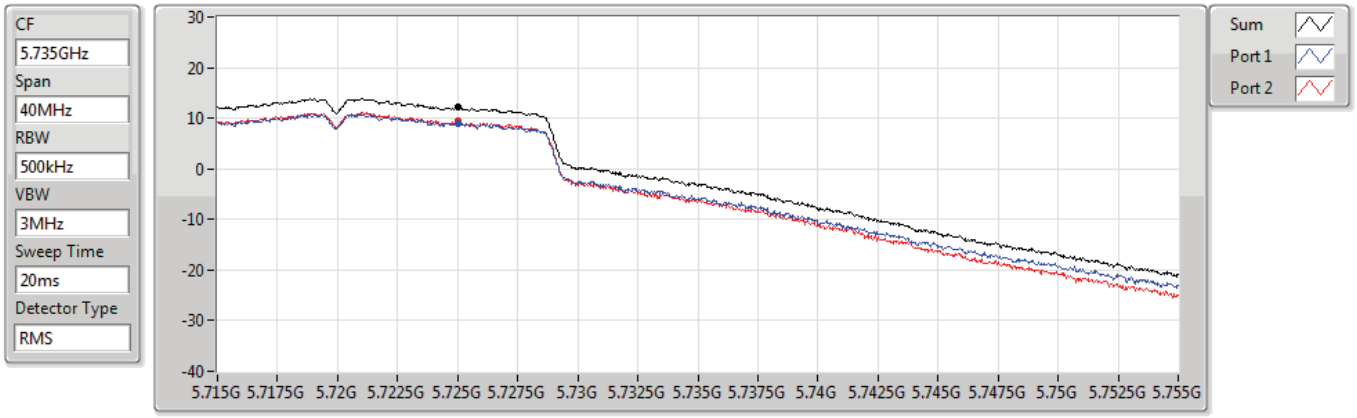


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	7.59	7.88

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5720MHz Straddle 5.725-5.85GHz

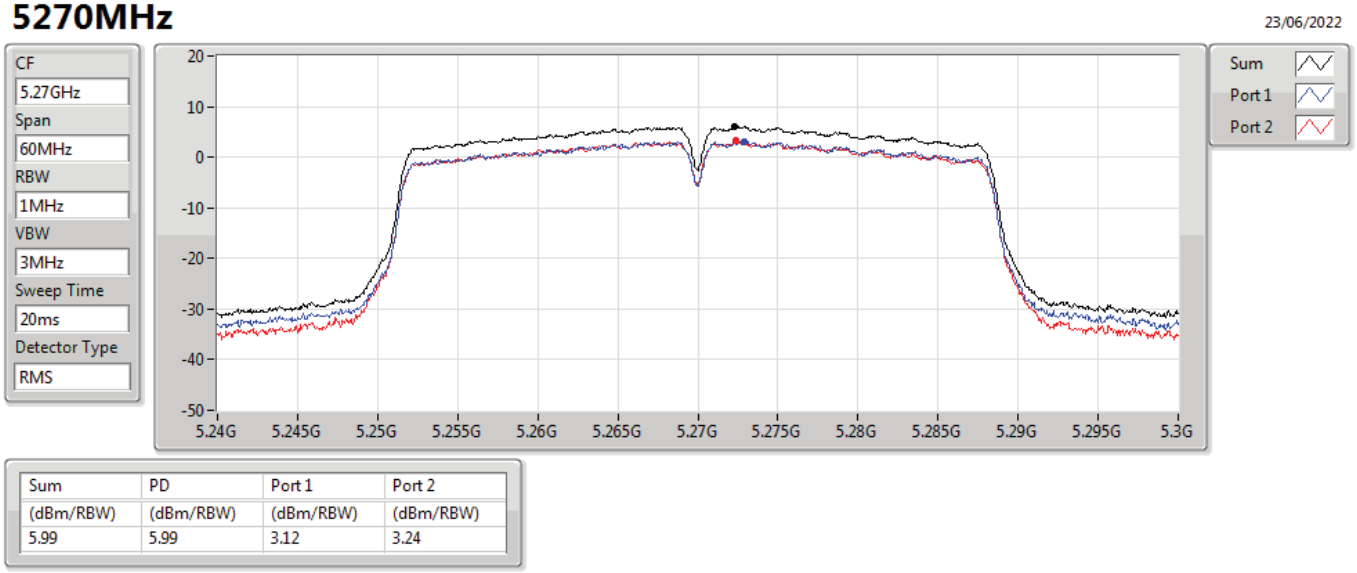
29/05/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	9.07	9.36

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

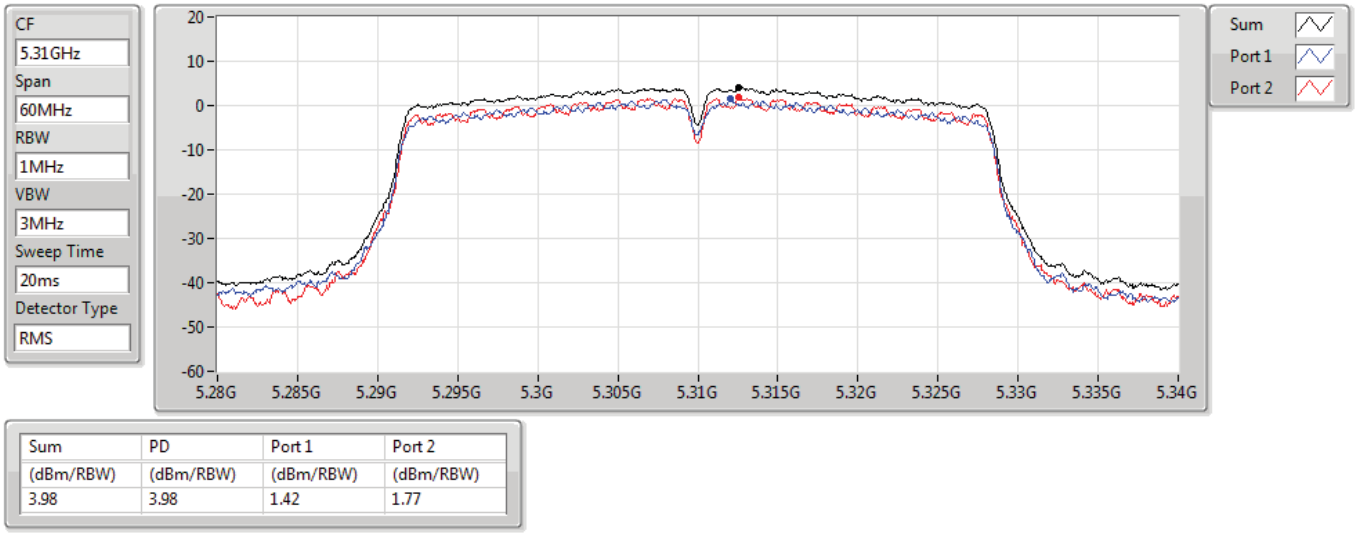
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.99	5.99	3.12	3.24

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5310MHz



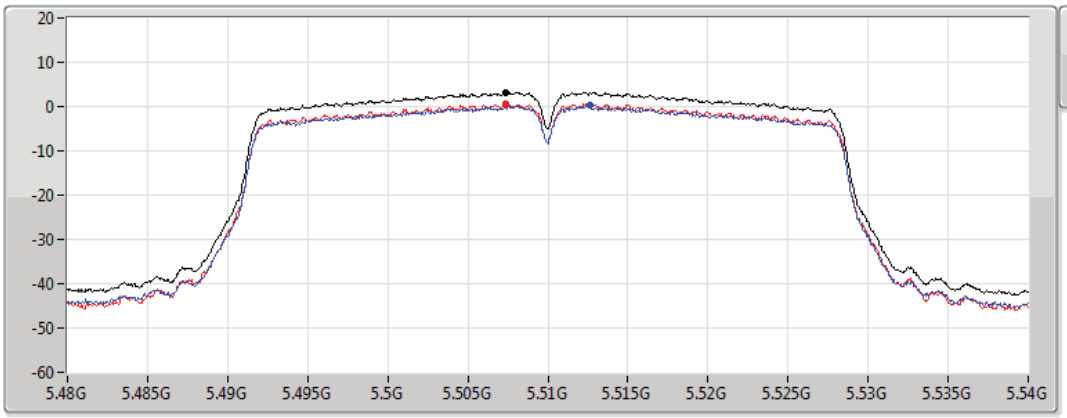
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	1.42	1.77

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5510MHz

29/05/2022

CF	5.51GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



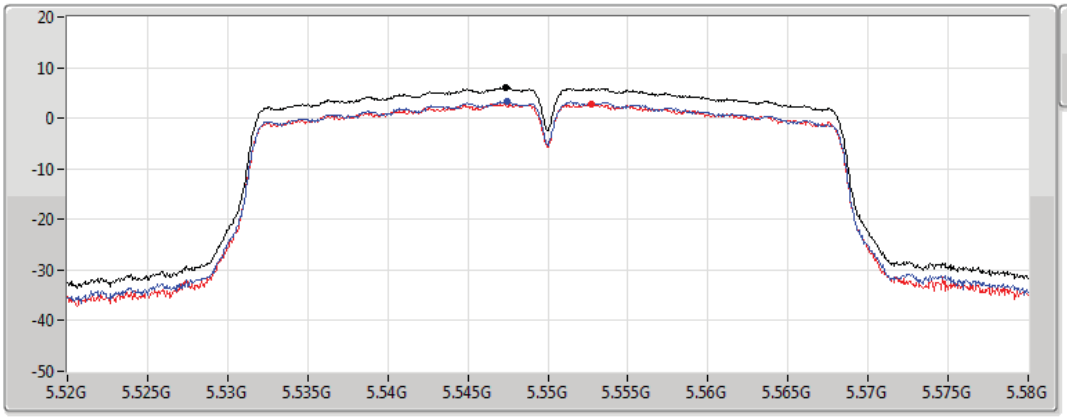
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	0.19	0.66

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5550MHz

23/06/2022

CF	5.55GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



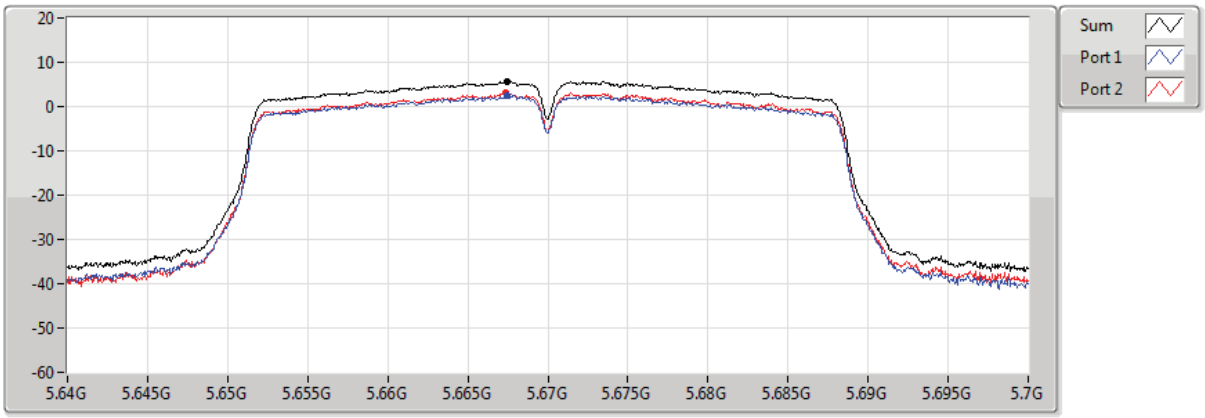
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	3.31	2.79

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5670MHz

29/05/2022

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



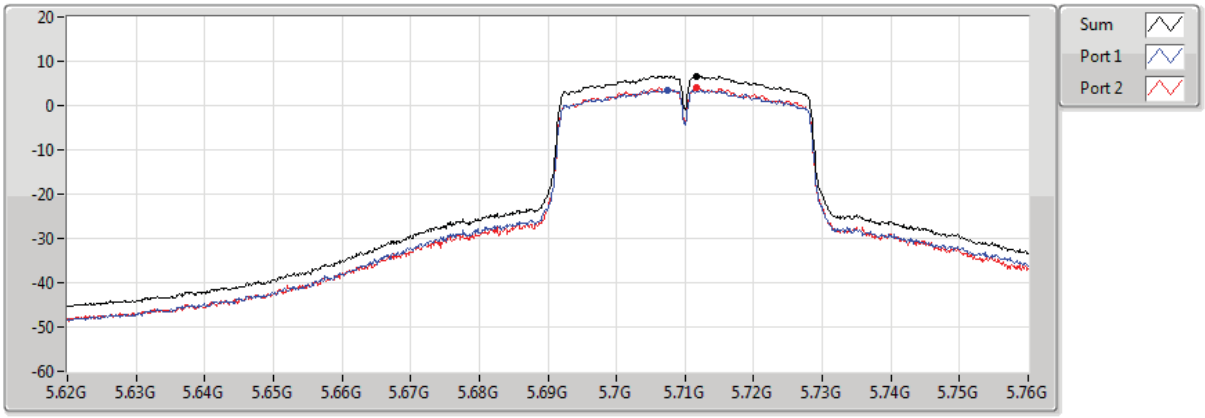
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	2.41	3.02

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5710MHz Straddle 5.47-5.725GHz

23/06/2022

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

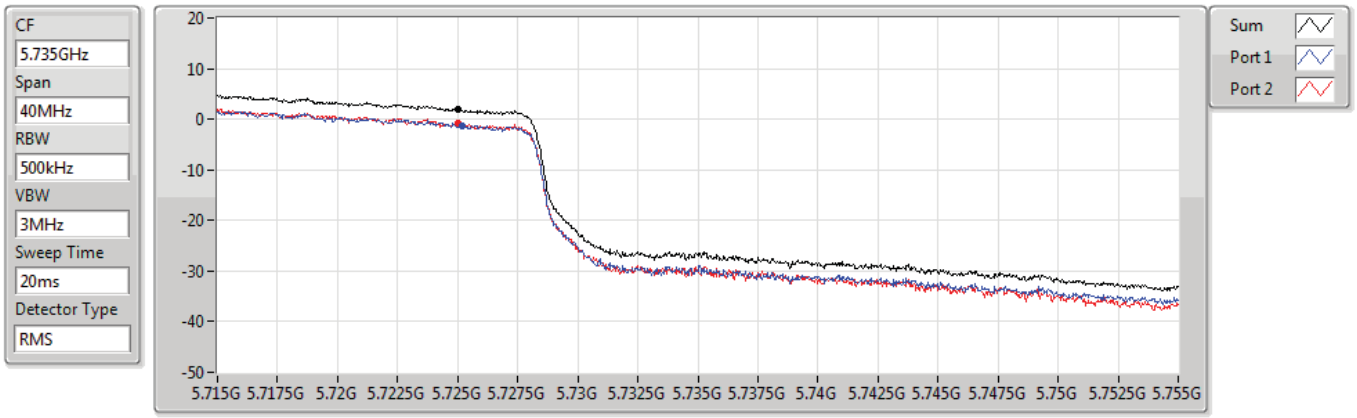


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	3.56	3.99

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5710MHz Straddle 5.725-5.85GHz

23/06/2022

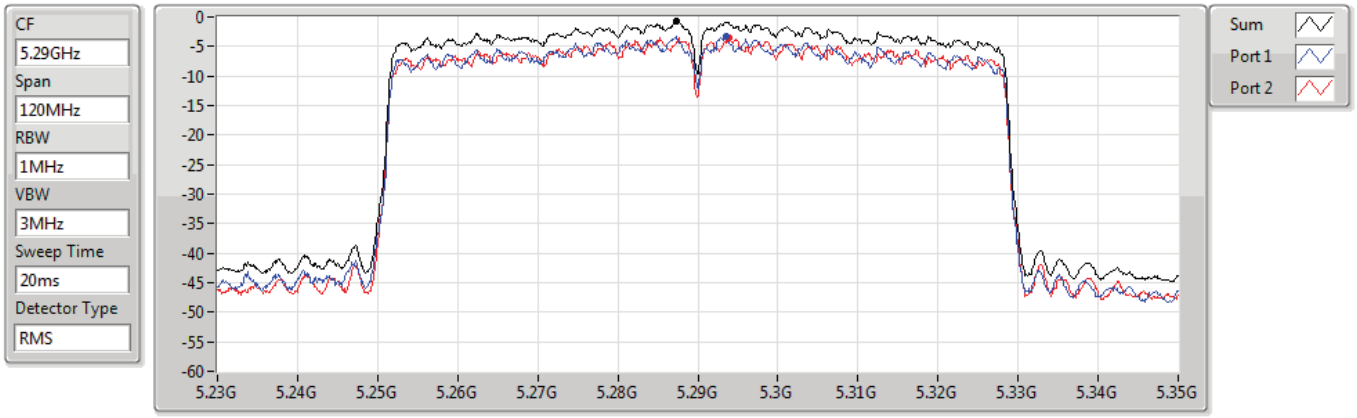


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.01	2.01	-1.28	-0.70

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5290MHz

29/05/2022

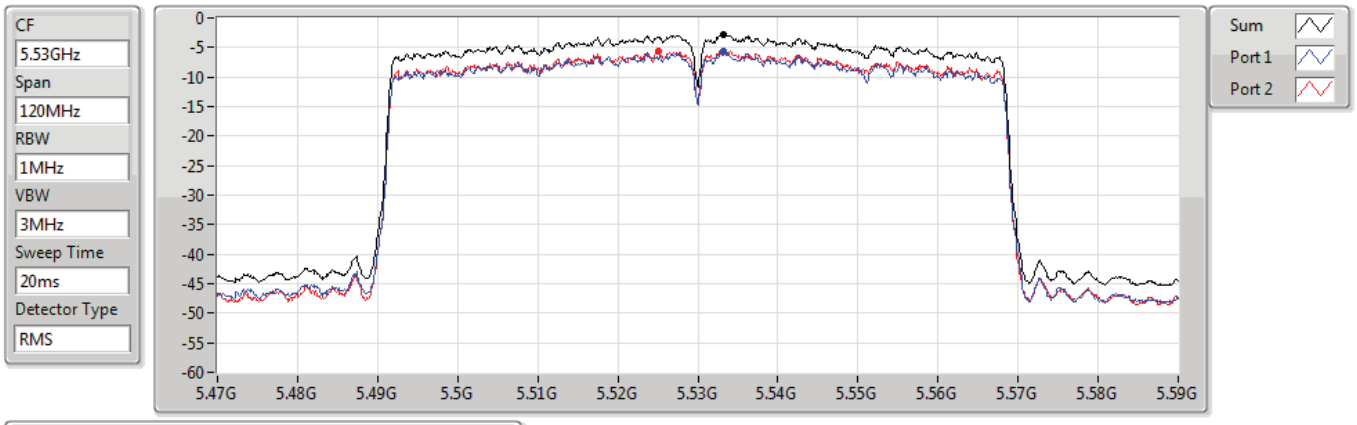


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.82	-0.82	-3.27	-3.55

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5530MHz

29/05/2022

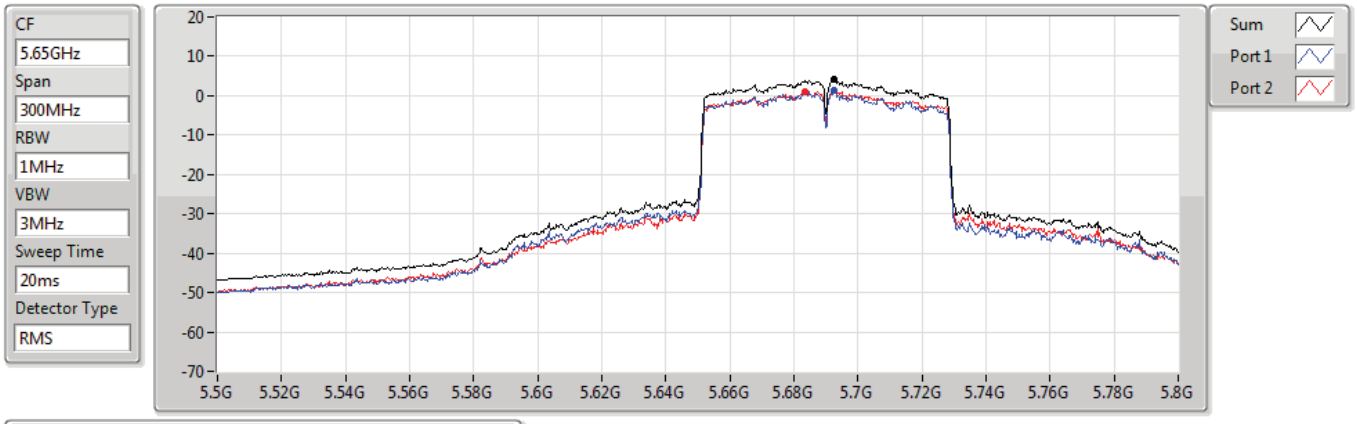


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.81	-2.81	-5.68	-5.56

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5690MHz Straddle 5.47-5.725GHz

23/06/2022

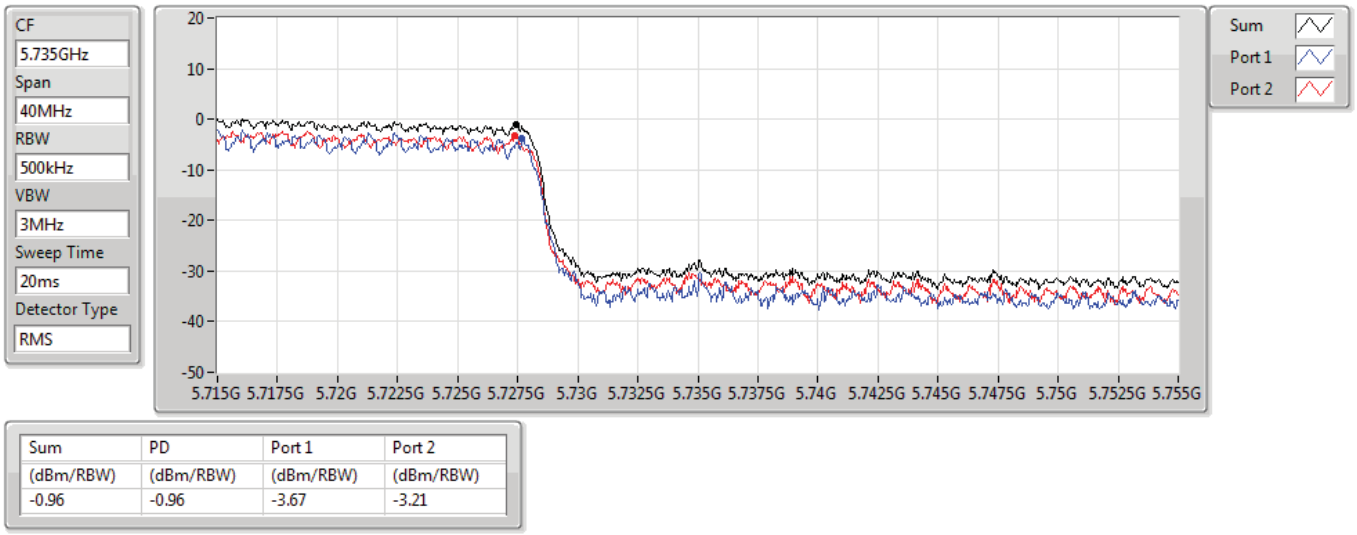


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.19	4.19	1.40	1.04

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5690MHz Straddle 5.725-5.85GHz

23/06/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.96	-0.96	-3.67	-3.21

Summary

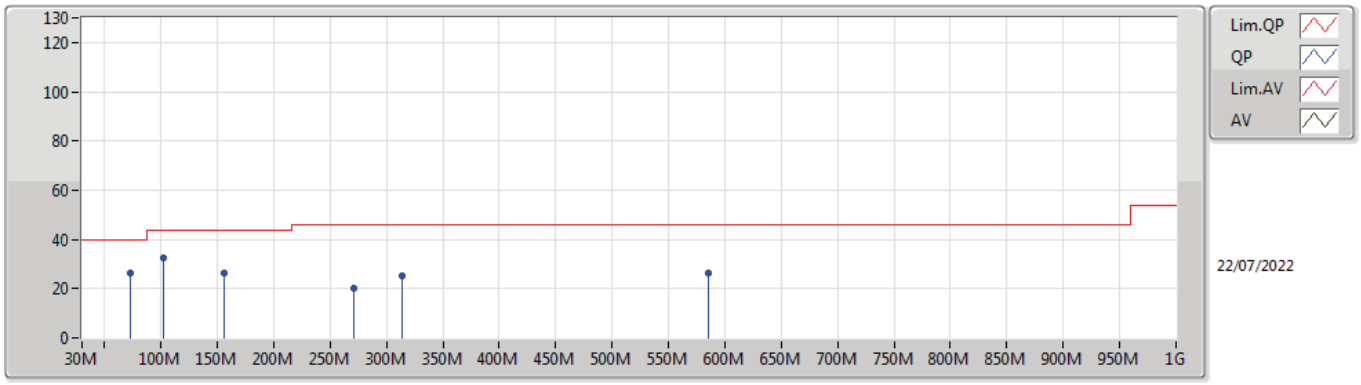
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss2,(MCS0)_2TX	Pass	QP	130.88M	35.19	43.50	-8.31	3	Horizontal	331	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	72.68M	26.55	40.00	-13.45	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	101.78M	32.51	43.50	-10.99	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	156.1M	26.34	43.50	-17.16	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	270.56M	20.14	46.00	-25.86	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	313.24M	24.99	46.00	-21.01	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	584.84M	26.55	46.00	-19.45	3	Vertical	0	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	QP	130.88M	35.19	43.50	-8.31	3	Horizontal	331	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	181.32M	34.94	43.50	-8.56	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	270.56M	32.30	46.00	-13.70	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	313.24M	32.67	46.00	-13.33	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	367.56M	31.84	46.00	-14.16	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	584.84M	27.17	46.00	-18.83	3	Horizontal	360	1.00	-

802.11ac VHT80_Nss2,(MCS0)_2TX

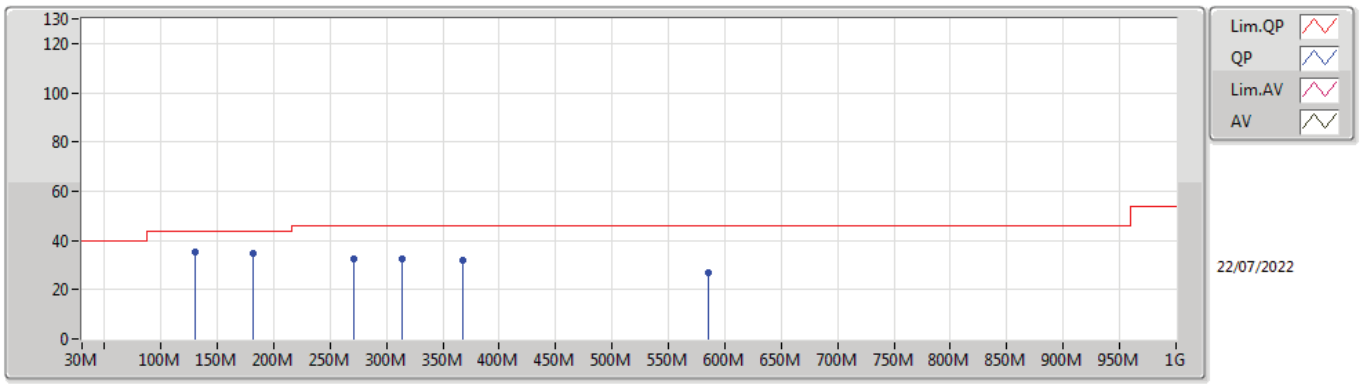
5690MHz Straddle 5.47-5.725GHz_TX



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)
PK	72.68M	26.55	40.00	-13.45	-24.42	3	Vertical	0	1.00	-	50.97	11.74	0.78	36.94
PK	101.78M	32.51	43.50	-10.99	-20.16	3	Vertical	0	1.00	-	52.67	15.51	0.97	36.64
PK	156.1M	26.34	43.50	-17.16	-19.11	3	Vertical	0	1.00	-	45.45	15.96	1.35	36.42
PK	270.56M	20.14	46.00	-25.86	-16.61	3	Vertical	0	1.00	-	36.75	18.24	1.60	36.45
PK	313.24M	24.99	46.00	-21.01	-16.21	3	Vertical	0	1.00	-	41.20	18.47	1.76	36.44
PK	584.84M	26.55	46.00	-19.45	-9.64	3	Vertical	0	1.00	-	36.19	24.84	2.62	37.10

802.11ac VHT80_Nss2,(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)
QP	130.88M	35.19	43.50	-8.31	-18.46	3	Horizontal	331	1.00	-	53.65	16.84	1.23	36.53
PK	181.32M	34.94	43.50	-8.56	-20.90	3	Horizontal	360	1.00	-	55.84	14.21	1.36	36.47
PK	270.56M	32.30	46.00	-13.70	-16.61	3	Horizontal	360	1.00	-	48.91	18.24	1.60	36.45
PK	313.24M	32.67	46.00	-13.33	-16.21	3	Horizontal	360	1.00	-	48.88	18.47	1.76	36.44
PK	367.56M	31.84	46.00	-14.16	-14.65	3	Horizontal	360	1.00	-	46.49	19.94	1.93	36.52
PK	584.84M	27.17	46.00	-18.83	-9.64	3	Horizontal	360	1.00	-	36.81	24.84	2.62	37.10

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3506G	53.76	54.00	-0.24	3	Horizontal	303	2.80	-
802.11ac VHT20_Nss2,(MCS0)_2TX	Pass	AV	5.3508G	53.89	54.00	-0.11	3	Horizontal	226	2.97	-
802.11ac VHT40_Nss2,(MCS0)_2TX	Pass	AV	5.3508G	53.65	54.00	-0.35	3	Horizontal	331	2.71	-
802.11ac VHT80_Nss2,(MCS0)_2TX	Pass	AV	5.35G	53.81	54.00	-0.19	3	Horizontal	270	1.01	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7252G	68.09	68.20	-0.11	3	Horizontal	334	2.65	-
802.11ac VHT20_Nss2,(MCS0)_2TX	Pass	AV	11.44082G	53.82	54.00	-0.18	3	Horizontal	35	1.02	-
802.11ac VHT40_Nss2,(MCS0)_2TX	Pass	PK	5.8624G	67.81	68.20	-0.39	3	Horizontal	340	2.60	-
802.11ac VHT80_Nss2,(MCS0)_2TX	Pass	AV	5.454G	53.79	54.00	-0.21	3	Horizontal	268	1.00	-

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	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.15G	48.47	54.00	-5.53	3	Vertical	311	2.54	-
5260MHz	Pass	AV	5.2606G	110.39	Inf	-Inf	3	Vertical	311	2.54	-
5260MHz	Pass	AV	5.35G	49.01	54.00	-4.99	3	Vertical	311	2.54	-
5260MHz	Pass	PK	5.1454G	58.76	74.00	-15.24	3	Vertical	311	2.54	-
5260MHz	Pass	PK	5.2606G	118.87	Inf	-Inf	3	Vertical	311	2.54	-
5260MHz	Pass	PK	5.3506G	62.19	74.00	-11.81	3	Vertical	311	2.54	-
5260MHz	Pass	AV	5.1496G	49.75	54.00	-4.25	3	Horizontal	346	1.02	-
5260MHz	Pass	AV	5.2594G	113.78	Inf	-Inf	3	Horizontal	346	1.02	-
5260MHz	Pass	AV	5.3518G	52.71	54.00	-1.29	3	Horizontal	346	1.02	-
5260MHz	Pass	PK	5.1496G	62.98	74.00	-11.02	3	Horizontal	346	1.02	-
5260MHz	Pass	PK	5.2594G	121.82	Inf	-Inf	3	Horizontal	346	1.02	-
5260MHz	Pass	PK	5.3506G	70.59	74.00	-3.41	3	Horizontal	346	1.02	-
5260MHz	Pass	AV	15.77606G	47.92	54.00	-6.08	3	Vertical	300	2.38	-
5260MHz	Pass	PK	10.52072G	65.20	68.20	-3.00	3	Vertical	317	1.20	-
5260MHz	Pass	PK	15.78138G	59.46	74.00	-14.54	3	Vertical	300	2.38	-
5260MHz	Pass	AV	15.78144G	49.06	54.00	-4.94	3	Horizontal	129	1.09	-
5260MHz	Pass	PK	10.51788G	67.02	68.20	-1.18	3	Horizontal	120	1.00	-
5260MHz	Pass	PK	15.7761G	60.07	74.00	-13.93	3	Horizontal	129	1.09	-
5280MHz	Pass	AV	5.2808G	108.02	Inf	-Inf	3	Vertical	309	2.33	-
5280MHz	Pass	AV	5.3504G	51.48	54.00	-2.52	3	Vertical	309	2.33	-
5280MHz	Pass	PK	5.2808G	115.26	Inf	-Inf	3	Vertical	309	2.33	-
5280MHz	Pass	PK	5.3512G	63.62	74.00	-10.38	3	Vertical	309	2.33	-
5280MHz	Pass	AV	5.2796G	110.70	Inf	-Inf	3	Horizontal	346	1.18	-
5280MHz	Pass	AV	5.35G	53.75	54.00	-0.25	3	Horizontal	346	1.18	-
5280MHz	Pass	PK	5.2792G	118.49	Inf	-Inf	3	Horizontal	346	1.18	-
5280MHz	Pass	PK	5.35G	64.83	74.00	-9.17	3	Horizontal	346	1.18	-
5280MHz	Pass	AV	15.8396G	48.34	54.00	-5.66	3	Vertical	244	2.69	-
5280MHz	Pass	PK	10.5572G	59.44	68.20	-8.76	3	Vertical	307	1.14	-
5280MHz	Pass	PK	15.83968G	59.38	74.00	-14.62	3	Vertical	244	2.69	-
5280MHz	Pass	AV	15.838G	47.91	54.00	-6.09	3	Horizontal	118	1.98	-
5280MHz	Pass	PK	10.55768G	60.90	68.20	-7.30	3	Horizontal	360	1.18	-
5280MHz	Pass	PK	15.84008G	59.30	74.00	-14.70	3	Horizontal	118	1.98	-
5300MHz	Pass	AV	5.3012G	105.24	Inf	-Inf	3	Vertical	309	2.34	-
5300MHz	Pass	AV	5.3508G	50.31	54.00	-3.69	3	Vertical	309	2.34	-
5300MHz	Pass	PK	5.3012G	113.88	Inf	-Inf	3	Vertical	309	2.34	-
5300MHz	Pass	PK	5.352G	64.21	74.00	-9.79	3	Vertical	309	2.34	-
5300MHz	Pass	AV	5.302G	109.36	Inf	-Inf	3	Horizontal	333	2.84	-
5300MHz	Pass	AV	5.3516G	53.44	54.00	-0.56	3	Horizontal	333	2.84	-
5300MHz	Pass	PK	5.302G	117.33	Inf	-Inf	3	Horizontal	333	2.84	-
5300MHz	Pass	PK	5.352G	70.21	74.00	-3.79	3	Horizontal	333	2.84	-
5300MHz	Pass	AV	15.8976G	46.63	54.00	-7.37	3	Vertical	237	1.50	-
5300MHz	Pass	PK	10.59872G	55.24	68.20	-12.96	3	Vertical	277	1.32	-
5300MHz	Pass	PK	15.89208G	57.97	74.00	-16.03	3	Vertical	237	1.50	-
5300MHz	Pass	AV	15.90016G	46.36	54.00	-7.64	3	Horizontal	197	1.50	-
5300MHz	Pass	PK	10.60776G	57.07	74.00	-16.93	3	Horizontal	360	1.11	-
5300MHz	Pass	PK	15.91928G	57.67	74.00	-16.33	3	Horizontal	197	1.50	-
5320MHz	Pass	AV	5.321G	102.73	Inf	-Inf	3	Vertical	310	2.20	-
5320MHz	Pass	AV	5.3502G	50.47	54.00	-3.53	3	Vertical	310	2.20	-
5320MHz	Pass	PK	5.3212G	110.99	Inf	-Inf	3	Vertical	310	2.20	-
5320MHz	Pass	PK	5.3514G	68.27	74.00	-5.73	3	Vertical	310	2.20	-
5320MHz	Pass	AV	5.3206G	107.30	Inf	-Inf	3	Horizontal	303	2.80	-
5320MHz	Pass	AV	5.3506G	53.76	54.00	-0.24	3	Horizontal	303	2.80	-
5320MHz	Pass	PK	5.3212G	115.13	Inf	-Inf	3	Horizontal	303	2.80	-
5320MHz	Pass	PK	5.3502G	73.16	74.00	-0.84	3	Horizontal	303	2.80	-
5320MHz	Pass	AV	10.64192G	44.10	54.00	-9.90	3	Vertical	310	2.35	-
5320MHz	Pass	AV	15.95878G	46.46	54.00	-7.54	3	Vertical	214	1.18	-
5320MHz	Pass	PK	10.63712G	55.16	74.00	-18.84	3	Vertical	310	2.35	-
5320MHz	Pass	PK	15.95798G	57.91	74.00	-16.09	3	Vertical	214	1.18	-
5320MHz	Pass	AV	10.64144G	44.42	54.00	-9.58	3	Horizontal	360	1.04	-
5320MHz	Pass	AV	15.95796G	46.42	54.00	-7.58	3	Horizontal	226	1.39	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	PK	10.64144G	56.82	74.00	-17.18	3	Horizontal	360	1.04	-
5320MHz	Pass	PK	15.95568G	58.40	74.00	-15.60	3	Horizontal	226	1.39	-
5500MHz	Pass	AV	5.46G	50.29	54.00	-3.71	3	Vertical	276	3.00	-
5500MHz	Pass	AV	5.4984G	102.60	Inf	-Inf	3	Vertical	276	3.00	-
5500MHz	Pass	PK	5.4618G	63.53	68.20	-4.67	3	Vertical	276	3.00	-
5500MHz	Pass	PK	5.498G	110.68	Inf	-Inf	3	Vertical	276	3.00	-
5500MHz	Pass	AV	5.46G	51.50	54.00	-2.50	3	Horizontal	340	1.02	-
5500MHz	Pass	AV	5.5004G	105.57	Inf	-Inf	3	Horizontal	340	1.02	-
5500MHz	Pass	PK	5.4694G	67.48	68.20	-0.72	3	Horizontal	340	1.02	-
5500MHz	Pass	PK	5.5006G	113.88	Inf	-Inf	3	Horizontal	340	1.02	-
5500MHz	Pass	AV	11.0004G	44.78	54.00	-9.22	3	Vertical	331	2.62	-
5500MHz	Pass	PK	11.00064G	57.50	74.00	-16.50	3	Vertical	331	2.62	-
5500MHz	Pass	PK	16.5008G	59.64	68.20	-8.56	3	Vertical	13	1.11	-
5500MHz	Pass	AV	11.00288G	45.13	54.00	-8.87	3	Horizontal	360	1.05	-
5500MHz	Pass	PK	11.00528G	56.56	74.00	-17.44	3	Horizontal	360	1.05	-
5500MHz	Pass	PK	16.50174G	60.43	68.20	-7.77	3	Horizontal	115	1.61	-
5520MHz	Pass	AV	5.4464G	48.91	54.00	-5.09	3	Vertical	307	2.07	-
5520MHz	Pass	AV	5.5216G	104.92	Inf	-Inf	3	Vertical	307	2.07	-
5520MHz	Pass	PK	5.4664G	61.37	68.20	-6.83	3	Vertical	307	2.07	-
5520MHz	Pass	PK	5.5224G	112.86	Inf	-Inf	3	Vertical	307	2.07	-
5520MHz	Pass	AV	5.46G	51.51	54.00	-2.49	3	Horizontal	338	2.65	-
5520MHz	Pass	AV	5.5212G	109.51	Inf	-Inf	3	Horizontal	338	2.65	-
5520MHz	Pass	PK	5.4668G	67.62	68.20	-0.58	3	Horizontal	338	2.65	-
5520MHz	Pass	PK	5.5216G	118.12	Inf	-Inf	3	Horizontal	338	2.65	-
5520MHz	Pass	AV	11.03952G	45.64	54.00	-8.36	3	Vertical	310	1.02	-
5520MHz	Pass	PK	11.0436G	56.19	74.00	-17.81	3	Vertical	310	1.02	-
5520MHz	Pass	PK	16.56616G	61.78	68.20	-6.42	3	Vertical	245	2.97	-
5520MHz	Pass	AV	11.04368G	46.89	54.00	-7.11	3	Horizontal	360	1.00	-
5520MHz	Pass	PK	11.04408G	59.05	74.00	-14.95	3	Horizontal	360	1.00	-
5520MHz	Pass	PK	16.5492G	59.45	68.20	-8.75	3	Horizontal	260	2.63	-
5540MHz	Pass	AV	5.4592G	48.87	54.00	-5.13	3	Vertical	305	2.18	-
5540MHz	Pass	AV	5.5392G	107.88	Inf	-Inf	3	Vertical	305	2.18	-
5540MHz	Pass	PK	5.4688G	63.03	68.20	-5.17	3	Vertical	305	2.18	-
5540MHz	Pass	PK	5.5392G	116.06	Inf	-Inf	3	Vertical	305	2.18	-
5540MHz	Pass	AV	5.458G	51.87	54.00	-2.13	3	Horizontal	336	1.00	-
5540MHz	Pass	AV	5.5384G	111.62	Inf	-Inf	3	Horizontal	336	1.00	-
5540MHz	Pass	PK	5.4628G	66.94	68.20	-1.26	3	Horizontal	336	1.00	-
5540MHz	Pass	PK	5.5376G	119.87	Inf	-Inf	3	Horizontal	336	1.00	-
5540MHz	Pass	AV	11.08098G	48.68	54.00	-5.32	3	Vertical	326	2.19	-
5540MHz	Pass	PK	11.07992G	59.96	74.00	-14.04	3	Vertical	326	2.19	-
5540MHz	Pass	PK	16.61612G	64.46	68.20	-3.74	3	Vertical	266	3.00	-
5540MHz	Pass	AV	11.0783G	48.96	54.00	-5.04	3	Horizontal	360	1.02	-
5540MHz	Pass	PK	11.0781G	60.47	74.00	-13.53	3	Horizontal	360	1.02	-
5540MHz	Pass	PK	16.61998G	59.29	68.20	-8.91	3	Horizontal	320	2.24	-
5560MHz	Pass	AV	5.4586G	48.50	54.00	-5.50	3	Vertical	305	1.93	-
5560MHz	Pass	AV	5.5594G	108.95	Inf	-Inf	3	Vertical	305	1.93	-
5560MHz	Pass	PK	5.4694G	62.80	68.20	-5.40	3	Vertical	305	1.93	-
5560MHz	Pass	PK	5.5588G	117.46	Inf	-Inf	3	Vertical	305	1.93	-
5560MHz	Pass	AV	5.4592G	50.27	54.00	-3.73	3	Horizontal	334	2.74	-
5560MHz	Pass	AV	5.5588G	114.04	Inf	-Inf	3	Horizontal	334	2.74	-
5560MHz	Pass	PK	5.4694G	66.91	68.20	-1.29	3	Horizontal	334	2.74	-
5560MHz	Pass	PK	5.5588G	123.23	Inf	-Inf	3	Horizontal	334	2.74	-
5560MHz	Pass	AV	11.11963G	50.89	54.00	-3.11	3	Vertical	330	2.55	-
5560MHz	Pass	PK	11.12108G	62.33	74.00	-11.67	3	Vertical	330	2.55	-
5560MHz	Pass	PK	16.68043G	65.63	68.20	-2.57	3	Vertical	262	3.00	-
5560MHz	Pass	AV	11.11804G	50.51	54.00	-3.49	3	Horizontal	354	1.00	-
5560MHz	Pass	PK	11.11392G	61.81	74.00	-12.19	3	Horizontal	354	1.00	-
5560MHz	Pass	PK	16.68209G	59.21	68.20	-8.99	3	Horizontal	258	3.00	-
5580MHz	Pass	AV	5.46G	47.26	54.00	-6.74	3	Vertical	300	2.39	-
5580MHz	Pass	AV	5.5806G	109.16	Inf	-Inf	3	Vertical	300	2.39	-
5580MHz	Pass	PK	5.469G	58.06	68.20	-10.14	3	Vertical	300	2.39	-
5580MHz	Pass	PK	5.5806G	118.00	Inf	-Inf	3	Vertical	300	2.39	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.73G	59.15	68.20	-9.05	3	Vertical	300	2.39	-
5580MHz	Pass	AV	5.4582G	48.16	54.00	-5.84	3	Horizontal	333	2.47	-
5580MHz	Pass	AV	5.5788G	113.45	Inf	-Inf	3	Horizontal	333	2.47	-
5580MHz	Pass	PK	5.469G	62.14	68.20	-6.06	3	Horizontal	333	2.47	-
5580MHz	Pass	PK	5.5794G	122.73	Inf	-Inf	3	Horizontal	333	2.47	-
5580MHz	Pass	PK	5.73G	61.04	68.20	-7.16	3	Horizontal	333	2.47	-
5580MHz	Pass	AV	11.15938G	49.62	54.00	-4.38	3	Vertical	315	1.11	-
5580MHz	Pass	PK	11.15919G	61.56	74.00	-12.44	3	Vertical	315	1.11	-
5580MHz	Pass	PK	16.74117G	65.80	68.20	-2.40	3	Vertical	264	3.00	-
5580MHz	Pass	AV	11.15908G	49.50	54.00	-4.50	3	Horizontal	360	1.00	-
5580MHz	Pass	PK	11.16024G	61.24	74.00	-12.76	3	Horizontal	360	1.00	-
5580MHz	Pass	PK	16.74075G	59.37	68.20	-8.83	3	Horizontal	311	1.22	-
5660MHz	Pass	AV	5.6576G	105.05	Inf	-Inf	3	Vertical	304	2.37	-
5660MHz	Pass	PK	5.6624G	113.39	Inf	-Inf	3	Vertical	304	2.37	-
5660MHz	Pass	PK	5.732G	63.45	68.20	-4.75	3	Vertical	304	2.37	-
5660MHz	Pass	AV	5.6616G	110.36	Inf	-Inf	3	Horizontal	333	2.53	-
5660MHz	Pass	PK	5.6616G	118.92	Inf	-Inf	3	Horizontal	333	2.53	-
5660MHz	Pass	PK	5.732G	67.40	68.20	-0.80	3	Horizontal	333	2.53	-
5660MHz	Pass	AV	11.32376G	45.31	54.00	-8.69	3	Vertical	312	1.00	-
5660MHz	Pass	PK	11.31944G	56.76	74.00	-17.24	3	Vertical	312	1.00	-
5660MHz	Pass	PK	16.97896G	59.87	68.20	-8.33	3	Vertical	150	1.29	-
5660MHz	Pass	AV	11.31848G	46.80	54.00	-7.20	3	Horizontal	26	1.00	-
5660MHz	Pass	PK	11.32256G	57.93	74.00	-16.07	3	Horizontal	26	1.00	-
5660MHz	Pass	PK	16.97779G	60.07	68.20	-8.13	3	Horizontal	278	1.10	-
5680MHz	Pass	AV	5.6808G	101.60	Inf	-Inf	3	Vertical	309	2.00	-
5680MHz	Pass	PK	5.6812G	110.31	Inf	-Inf	3	Vertical	309	2.00	-
5680MHz	Pass	PK	5.7252G	61.53	68.20	-6.67	3	Vertical	309	2.00	-
5680MHz	Pass	AV	5.6816G	106.62	Inf	-Inf	3	Horizontal	332	2.64	-
5680MHz	Pass	PK	5.6808G	115.04	Inf	-Inf	3	Horizontal	332	2.64	-
5680MHz	Pass	PK	5.7264G	67.37	68.20	-0.83	3	Horizontal	332	2.64	-
5680MHz	Pass	AV	11.35816G	45.01	54.00	-8.99	3	Vertical	309	1.00	-
5680MHz	Pass	PK	11.35904G	56.33	74.00	-17.67	3	Vertical	309	1.00	-
5680MHz	Pass	PK	17.04237G	60.05	68.20	-8.15	3	Vertical	65	2.01	-
5680MHz	Pass	AV	11.36336G	47.11	54.00	-6.89	3	Horizontal	12	1.05	-
5680MHz	Pass	PK	11.35824G	58.61	74.00	-15.39	3	Horizontal	12	1.05	-
5680MHz	Pass	PK	17.04109G	60.12	68.20	-8.08	3	Horizontal	126	1.81	-
5700MHz	Pass	AV	5.6988G	98.88	Inf	-Inf	3	Vertical	308	2.23	-
5700MHz	Pass	PK	5.6988G	107.26	Inf	-Inf	3	Vertical	308	2.23	-
5700MHz	Pass	PK	5.7268G	60.37	68.20	-7.83	3	Vertical	308	2.23	-
5700MHz	Pass	AV	5.6992G	104.36	Inf	-Inf	3	Horizontal	334	2.65	-
5700MHz	Pass	PK	5.6996G	112.79	Inf	-Inf	3	Horizontal	334	2.65	-
5700MHz	Pass	PK	5.7252G	68.09	68.20	-0.11	3	Horizontal	334	2.65	-
5700MHz	Pass	AV	11.39432G	43.57	54.00	-10.43	3	Vertical	138	1.50	-
5700MHz	Pass	PK	11.41984G	55.52	74.00	-18.48	3	Vertical	138	1.50	-
5700MHz	Pass	PK	17.09942G	59.71	68.20	-8.49	3	Vertical	78	1.42	-
5700MHz	Pass	AV	11.40336G	44.86	54.00	-9.14	3	Horizontal	25	1.01	-
5700MHz	Pass	PK	11.40432G	56.35	74.00	-17.65	3	Horizontal	25	1.01	-
5700MHz	Pass	PK	17.10146G	60.02	68.20	-8.18	3	Horizontal	191	1.65	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4248G	46.20	54.00	-7.80	3	Vertical	285	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	108.49	Inf	-Inf	3	Vertical	285	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	56.33	68.20	-11.87	3	Vertical	285	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	116.30	Inf	-Inf	3	Vertical	285	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9012G	59.23	68.20	-8.97	3	Vertical	285	3.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	46.45	54.00	-7.55	3	Horizontal	326	2.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	113.14	Inf	-Inf	3	Horizontal	326	2.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.08	68.20	-11.12	3	Horizontal	326	2.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	120.73	Inf	-Inf	3	Horizontal	326	2.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8748G	59.96	68.20	-8.24	3	Horizontal	326	2.60	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43832G	52.58	54.00	-1.42	3	Vertical	327	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4424G	64.23	74.00	-9.77	3	Vertical	327	2.30	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16624G	66.01	68.20	-2.19	3	Vertical	262	2.92	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44348G	53.58	54.00	-0.42	3	Horizontal	347	2.37	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44308G	64.94	74.00	-9.06	3	Horizontal	347	2.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15974G	60.75	68.20	-7.45	3	Horizontal	209	1.95	-
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.143G	49.60	54.00	-4.40	3	Vertical	284	2.87	-
5260MHz	Pass	AV	5.2588G	106.58	Inf	-Inf	3	Vertical	284	2.87	-
5260MHz	Pass	AV	5.35G	49.56	54.00	-4.44	3	Vertical	284	2.87	-
5260MHz	Pass	PK	5.149G	60.21	74.00	-13.79	3	Vertical	284	2.87	-
5260MHz	Pass	PK	5.26G	113.87	Inf	-Inf	3	Vertical	284	2.87	-
5260MHz	Pass	PK	5.35G	60.28	74.00	-13.72	3	Vertical	284	2.87	-
5260MHz	Pass	AV	5.149G	50.08	54.00	-3.92	3	Horizontal	320	1.00	-
5260MHz	Pass	AV	5.2588G	111.55	Inf	-Inf	3	Horizontal	320	1.00	-
5260MHz	Pass	AV	5.35G	52.04	54.00	-1.96	3	Horizontal	320	1.00	-
5260MHz	Pass	PK	5.15G	59.38	74.00	-14.62	3	Horizontal	320	1.00	-
5260MHz	Pass	PK	5.2594G	119.90	Inf	-Inf	3	Horizontal	320	1.00	-
5260MHz	Pass	PK	5.35G	60.84	74.00	-13.16	3	Horizontal	320	1.00	-
5260MHz	Pass	AV	15.78128G	49.16	54.00	-4.84	3	Vertical	101	2.96	-
5260MHz	Pass	PK	10.51624G	62.28	68.20	-5.92	3	Vertical	282	1.02	-
5260MHz	Pass	PK	15.78888G	59.41	74.00	-14.59	3	Vertical	101	2.96	-
5260MHz	Pass	AV	15.78296G	48.92	54.00	-5.08	3	Horizontal	123	1.00	-
5260MHz	Pass	PK	10.51072G	63.36	68.20	-4.84	3	Horizontal	38	1.04	-
5260MHz	Pass	PK	15.78616G	59.98	74.00	-14.02	3	Horizontal	123	1.00	-
5280MHz	Pass	AV	5.2808G	105.43	Inf	-Inf	3	Vertical	315	1.88	-
5280MHz	Pass	AV	5.3504G	51.29	54.00	-2.71	3	Vertical	315	1.88	-
5280MHz	Pass	PK	5.2792G	114.05	Inf	-Inf	3	Vertical	315	1.88	-
5280MHz	Pass	PK	5.3564G	62.04	74.00	-11.96	3	Vertical	315	1.88	-
5280MHz	Pass	AV	5.3508G	53.55	54.00	-0.45	3	Horizontal	320	2.69	-
5280MHz	Pass	AV	5.2776G	110.43	Inf	-Inf	3	Horizontal	320	2.69	-
5280MHz	Pass	PK	5.2796G	118.81	Inf	-Inf	3	Horizontal	320	2.69	-
5280MHz	Pass	PK	5.3508G	65.00	74.00	-9.00	3	Horizontal	320	2.69	-
5280MHz	Pass	AV	15.84888G	48.19	54.00	-5.81	3	Vertical	73	2.74	-
5280MHz	Pass	PK	10.556G	58.94	68.20	-9.26	3	Vertical	284	1.00	-
5280MHz	Pass	PK	15.84104G	59.50	74.00	-14.50	3	Vertical	73	2.74	-
5280MHz	Pass	AV	15.84728G	47.67	54.00	-6.33	3	Horizontal	35	2.23	-
5280MHz	Pass	PK	10.5592G	60.52	68.20	-7.68	3	Horizontal	1	1.01	-
5280MHz	Pass	PK	15.85208G	57.85	74.00	-16.15	3	Horizontal	35	2.23	-
5300MHz	Pass	AV	5.3016G	102.17	Inf	-Inf	3	Vertical	315	2.12	-
5300MHz	Pass	AV	5.3516G	50.24	54.00	-3.76	3	Vertical	315	2.12	-
5300MHz	Pass	PK	5.2992G	111.29	Inf	-Inf	3	Vertical	315	2.12	-
5300MHz	Pass	PK	5.3596G	59.86	74.00	-14.14	3	Vertical	315	2.12	-
5300MHz	Pass	AV	5.2976G	107.23	Inf	-Inf	3	Horizontal	226	2.97	-
5300MHz	Pass	AV	5.3508G	53.89	54.00	-0.11	3	Horizontal	226	2.97	-
5300MHz	Pass	PK	5.3012G	116.25	Inf	-Inf	3	Horizontal	226	2.97	-
5300MHz	Pass	PK	5.3504G	64.56	74.00	-9.44	3	Horizontal	226	2.97	-
5300MHz	Pass	AV	15.89921G	47.02	54.00	-6.98	3	Vertical	345	2.21	-
5300MHz	Pass	PK	10.59496G	53.72	68.20	-14.48	3	Vertical	29	1.00	-
5300MHz	Pass	PK	15.90178G	57.30	74.00	-16.70	3	Vertical	345	2.21	-
5300MHz	Pass	AV	15.89828G	47.12	54.00	-6.88	3	Horizontal	64	2.38	-
5300MHz	Pass	PK	10.59512G	54.73	68.20	-13.47	3	Horizontal	8	1.04	-
5300MHz	Pass	PK	15.8985G	57.63	74.00	-16.37	3	Horizontal	64	2.38	-
5320MHz	Pass	AV	5.3192G	98.64	Inf	-Inf	3	Vertical	313	1.97	-
5320MHz	Pass	AV	5.3524G	49.72	54.00	-4.28	3	Vertical	313	1.97	-
5320MHz	Pass	PK	5.3224G	107.18	Inf	-Inf	3	Vertical	313	1.97	-
5320MHz	Pass	PK	5.3508G	59.85	74.00	-14.15	3	Vertical	313	1.97	-
5320MHz	Pass	AV	5.3192G	104.60	Inf	-Inf	3	Horizontal	210	2.72	-
5320MHz	Pass	AV	5.352G	53.25	54.00	-0.75	3	Horizontal	210	2.72	-
5320MHz	Pass	PK	5.3212G	112.66	Inf	-Inf	3	Horizontal	210	2.72	-
5320MHz	Pass	PK	5.3512G	68.00	74.00	-6.00	3	Horizontal	210	2.72	-
5320MHz	Pass	AV	10.64013G	44.38	54.00	-9.62	3	Vertical	301	1.85	-
5320MHz	Pass	AV	15.96214G	47.06	54.00	-6.94	3	Vertical	155	2.05	-
5320MHz	Pass	PK	10.63925G	55.28	74.00	-18.72	3	Vertical	301	1.85	-
5320MHz	Pass	PK	15.95917G	58.01	74.00	-15.99	3	Vertical	155	2.05	-
5320MHz	Pass	AV	10.63983G	44.38	54.00	-9.62	3	Horizontal	71	2.14	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	15.96007G	46.90	54.00	-7.10	3	Horizontal	123	1.18	-
5320MHz	Pass	PK	10.6393G	54.80	74.00	-19.20	3	Horizontal	71	2.14	-
5320MHz	Pass	PK	15.95939G	58.06	74.00	-15.94	3	Horizontal	123	1.18	-
5500MHz	Pass	AV	5.4548G	50.76	54.00	-3.24	3	Vertical	312	1.83	-
5500MHz	Pass	AV	5.5008G	99.78	Inf	-Inf	3	Vertical	312	1.83	-
5500MHz	Pass	PK	5.47G	65.87	68.20	-2.33	3	Vertical	312	1.83	-
5500MHz	Pass	PK	5.5012G	109.19	Inf	-Inf	3	Vertical	312	1.83	-
5500MHz	Pass	AV	5.4552G	53.29	54.00	-0.71	3	Horizontal	335	2.67	-
5500MHz	Pass	AV	5.502G	104.31	Inf	-Inf	3	Horizontal	335	2.67	-
5500MHz	Pass	PK	5.4696G	67.78	68.20	-0.42	3	Horizontal	335	2.67	-
5500MHz	Pass	PK	5.5024G	112.56	Inf	-Inf	3	Horizontal	335	2.67	-
5500MHz	Pass	AV	10.99848G	45.36	54.00	-8.64	3	Vertical	33	3.00	-
5500MHz	Pass	PK	11.00496G	55.70	74.00	-18.30	3	Vertical	33	3.00	-
5500MHz	Pass	PK	16.5058G	59.10	68.20	-9.10	3	Vertical	14	1.60	-
5500MHz	Pass	AV	11.00048G	45.22	54.00	-8.78	3	Horizontal	0	2.99	-
5500MHz	Pass	PK	11.00072G	55.60	74.00	-18.40	3	Horizontal	0	2.99	-
5500MHz	Pass	PK	16.50732G	59.18	68.20	-9.02	3	Horizontal	10	2.02	-
5520MHz	Pass	AV	5.4576G	50.51	54.00	-3.49	3	Vertical	312	1.93	-
5520MHz	Pass	AV	5.5192G	103.72	Inf	-Inf	3	Vertical	312	1.93	-
5520MHz	Pass	PK	5.4648G	64.40	68.20	-3.80	3	Vertical	312	1.93	-
5520MHz	Pass	PK	5.5208G	112.92	Inf	-Inf	3	Vertical	312	1.93	-
5520MHz	Pass	AV	5.4596G	53.59	54.00	-0.41	3	Horizontal	332	2.66	-
5520MHz	Pass	AV	5.522G	108.79	Inf	-Inf	3	Horizontal	332	2.66	-
5520MHz	Pass	PK	5.4696G	67.33	68.20	-0.87	3	Horizontal	332	2.66	-
5520MHz	Pass	PK	5.52G	117.21	Inf	-Inf	3	Horizontal	332	2.66	-
5520MHz	Pass	AV	11.04408G	47.34	54.00	-6.66	3	Vertical	336	2.16	-
5520MHz	Pass	PK	11.04528G	57.72	74.00	-16.28	3	Vertical	336	2.16	-
5520MHz	Pass	PK	16.54328G	58.38	68.20	-9.82	3	Vertical	224	1.59	-
5520MHz	Pass	AV	11.04168G	48.12	54.00	-5.88	3	Horizontal	31	1.03	-
5520MHz	Pass	PK	11.04584G	58.20	74.00	-15.80	3	Horizontal	31	1.03	-
5520MHz	Pass	PK	16.55288G	58.99	68.20	-9.21	3	Horizontal	0	2.96	-
5540MHz	Pass	AV	5.458G	50.17	54.00	-3.83	3	Vertical	312	1.83	-
5540MHz	Pass	AV	5.5388G	105.47	Inf	-Inf	3	Vertical	312	1.83	-
5540MHz	Pass	PK	5.4656G	61.42	68.20	-6.78	3	Vertical	312	1.83	-
5540MHz	Pass	PK	5.5412G	113.68	Inf	-Inf	3	Vertical	312	1.83	-
5540MHz	Pass	AV	5.4592G	52.60	54.00	-1.40	3	Horizontal	334	2.77	-
5540MHz	Pass	AV	5.542G	110.06	Inf	-Inf	3	Horizontal	334	2.77	-
5540MHz	Pass	PK	5.47G	66.91	68.20	-1.29	3	Horizontal	334	2.77	-
5540MHz	Pass	PK	5.5412G	119.34	Inf	-Inf	3	Horizontal	334	2.77	-
5540MHz	Pass	AV	11.08288G	48.39	54.00	-5.61	3	Vertical	336	2.09	-
5540MHz	Pass	PK	11.074G	58.32	74.00	-15.68	3	Vertical	336	2.09	-
5540MHz	Pass	PK	16.61712G	58.82	68.20	-9.38	3	Vertical	166	2.35	-
5540MHz	Pass	AV	11.07928G	49.05	54.00	-4.95	3	Horizontal	30	1.01	-
5540MHz	Pass	PK	11.07648G	59.53	74.00	-14.47	3	Horizontal	30	1.01	-
5540MHz	Pass	PK	16.61368G	59.32	68.20	-8.88	3	Horizontal	65	2.94	-
5560MHz	Pass	AV	5.4598G	48.86	54.00	-5.14	3	Vertical	311	2.04	-
5560MHz	Pass	AV	5.5618G	107.29	Inf	-Inf	3	Vertical	311	2.04	-
5560MHz	Pass	PK	5.4646G	60.25	68.20	-7.95	3	Vertical	311	2.04	-
5560MHz	Pass	PK	5.5606G	116.20	Inf	-Inf	3	Vertical	311	2.04	-
5560MHz	Pass	AV	5.4556G	50.75	54.00	-3.25	3	Horizontal	333	2.75	-
5560MHz	Pass	AV	5.5624G	111.85	Inf	-Inf	3	Horizontal	333	2.75	-
5560MHz	Pass	PK	5.4688G	66.56	68.20	-1.64	3	Horizontal	333	2.75	-
5560MHz	Pass	PK	5.5594G	120.91	Inf	-Inf	3	Horizontal	333	2.75	-
5560MHz	Pass	AV	11.12112G	50.74	54.00	-3.26	3	Vertical	336	2.31	-
5560MHz	Pass	PK	11.11856G	60.67	74.00	-13.33	3	Vertical	336	2.31	-
5560MHz	Pass	PK	16.6836G	59.30	68.20	-8.90	3	Vertical	134	1.50	-
5560MHz	Pass	AV	11.11744G	49.53	54.00	-4.47	3	Horizontal	30	1.16	-
5560MHz	Pass	PK	11.12368G	59.72	74.00	-14.28	3	Horizontal	30	1.16	-
5560MHz	Pass	PK	16.692G	58.75	68.20	-9.45	3	Horizontal	250	1.50	-
5580MHz	Pass	AV	5.4516G	48.13	54.00	-5.87	3	Vertical	311	2.23	-
5580MHz	Pass	AV	5.5812G	108.31	Inf	-Inf	3	Vertical	311	2.23	-
5580MHz	Pass	PK	5.4672G	62.44	68.20	-5.76	3	Vertical	311	2.23	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.5818G	116.70	Inf	-Inf	3	Vertical	311	2.23	-
5580MHz	Pass	PK	5.7252G	57.68	68.20	-10.52	3	Vertical	311	2.23	-
5580MHz	Pass	AV	5.4588G	50.25	54.00	-3.75	3	Horizontal	322	2.73	-
5580MHz	Pass	AV	5.5776G	113.22	Inf	-Inf	3	Horizontal	322	2.73	-
5580MHz	Pass	PK	5.4672G	65.96	68.20	-2.24	3	Horizontal	322	2.73	-
5580MHz	Pass	PK	5.577G	122.45	Inf	-Inf	3	Horizontal	322	2.73	-
5580MHz	Pass	PK	5.7258G	64.32	68.20	-3.88	3	Horizontal	322	2.73	-
5580MHz	Pass	AV	11.15944G	50.45	54.00	-3.55	3	Vertical	332	2.21	-
5580MHz	Pass	PK	11.16144G	60.97	74.00	-13.03	3	Vertical	332	2.21	-
5580MHz	Pass	PK	16.7596G	58.59	68.20	-9.61	3	Vertical	188	2.42	-
5580MHz	Pass	AV	11.16152G	50.02	54.00	-3.98	3	Horizontal	30	1.10	-
5580MHz	Pass	PK	11.15624G	59.74	74.00	-14.26	3	Horizontal	30	1.10	-
5580MHz	Pass	PK	16.74256G	58.98	68.20	-9.22	3	Horizontal	328	1.50	-
5660MHz	Pass	AV	5.6588G	104.04	Inf	-Inf	3	Vertical	313	1.84	-
5660MHz	Pass	PK	5.6608G	112.74	Inf	-Inf	3	Vertical	313	1.84	-
5660MHz	Pass	PK	5.7284G	62.42	68.20	-5.78	3	Vertical	313	1.84	-
5660MHz	Pass	AV	5.6616G	107.93	Inf	-Inf	3	Horizontal	343	2.63	-
5660MHz	Pass	PK	5.6608G	117.35	Inf	-Inf	3	Horizontal	343	2.63	-
5660MHz	Pass	PK	5.7252G	67.30	68.20	-0.90	3	Horizontal	343	2.63	-
5660MHz	Pass	AV	11.32224G	47.29	54.00	-6.71	3	Vertical	335	2.32	-
5660MHz	Pass	PK	11.32048G	57.04	74.00	-16.96	3	Vertical	335	2.32	-
5660MHz	Pass	PK	16.9829G	58.60	68.20	-9.60	3	Vertical	212	2.36	-
5660MHz	Pass	AV	11.31936G	47.57	54.00	-6.43	3	Horizontal	36	1.00	-
5660MHz	Pass	PK	11.32296G	57.91	74.00	-16.09	3	Horizontal	36	1.00	-
5660MHz	Pass	PK	16.9782G	58.21	68.20	-9.99	3	Horizontal	327	1.69	-
5680MHz	Pass	AV	5.678G	101.54	Inf	-Inf	3	Vertical	316	1.94	-
5680MHz	Pass	PK	5.6784G	110.38	Inf	-Inf	3	Vertical	316	1.94	-
5680MHz	Pass	PK	5.7256G	62.18	68.20	-6.02	3	Vertical	316	1.94	-
5680MHz	Pass	AV	5.6808G	105.89	Inf	-Inf	3	Horizontal	332	2.62	-
5680MHz	Pass	PK	5.6812G	114.71	Inf	-Inf	3	Horizontal	332	2.62	-
5680MHz	Pass	PK	5.726G	67.98	68.20	-0.22	3	Horizontal	332	2.62	-
5680MHz	Pass	AV	11.35968G	44.86	54.00	-9.14	3	Vertical	316	1.50	-
5680MHz	Pass	PK	11.35856G	55.86	74.00	-18.14	3	Vertical	316	1.50	-
5680MHz	Pass	PK	17.03584G	59.16	68.20	-9.04	3	Vertical	332	1.29	-
5680MHz	Pass	AV	11.36232G	48.60	54.00	-5.40	3	Horizontal	35	1.00	-
5680MHz	Pass	PK	11.36056G	59.21	74.00	-14.79	3	Horizontal	35	1.00	-
5680MHz	Pass	PK	17.04118G	59.46	68.20	-8.74	3	Horizontal	162	1.66	-
5700MHz	Pass	AV	5.6988G	98.06	Inf	-Inf	3	Vertical	312	1.80	-
5700MHz	Pass	PK	5.6992G	107.30	Inf	-Inf	3	Vertical	312	1.80	-
5700MHz	Pass	PK	5.7296G	67.41	68.20	-0.79	3	Vertical	312	1.80	-
5700MHz	Pass	AV	5.6988G	98.80	Inf	-Inf	3	Horizontal	311	1.91	-
5700MHz	Pass	PK	5.7012G	108.28	Inf	-Inf	3	Horizontal	311	1.91	-
5700MHz	Pass	PK	5.7256G	67.77	68.20	-0.43	3	Horizontal	311	1.91	-
5700MHz	Pass	AV	11.40536G	44.92	54.00	-9.08	3	Vertical	329	1.50	-
5700MHz	Pass	PK	11.39752G	54.99	74.00	-19.01	3	Vertical	329	1.50	-
5700MHz	Pass	PK	17.09168G	59.50	68.20	-8.70	3	Vertical	68	1.40	-
5700MHz	Pass	AV	11.40104G	47.76	54.00	-6.24	3	Horizontal	35	1.00	-
5700MHz	Pass	PK	11.3984G	58.35	74.00	-15.65	3	Horizontal	35	1.00	-
5700MHz	Pass	PK	17.09448G	59.96	68.20	-8.24	3	Horizontal	53	1.23	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4236G	46.73	54.00	-7.27	3	Vertical	311	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	104.70	Inf	-Inf	3	Vertical	311	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	56.56	68.20	-11.64	3	Vertical	311	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	112.74	Inf	-Inf	3	Vertical	311	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	59.29	68.20	-8.91	3	Vertical	311	1.70	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4248G	47.13	54.00	-6.87	3	Horizontal	341	2.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	110.26	Inf	-Inf	3	Horizontal	341	2.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	56.44	68.20	-11.76	3	Horizontal	341	2.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	118.99	Inf	-Inf	3	Horizontal	341	2.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8652G	59.37	68.20	-8.83	3	Horizontal	341	2.59	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4404G	51.13	54.00	-2.87	3	Vertical	339	2.19	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44241G	62.40	74.00	-11.60	3	Vertical	339	2.19	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15886G	62.32	68.20	-5.88	3	Vertical	280	2.20	-

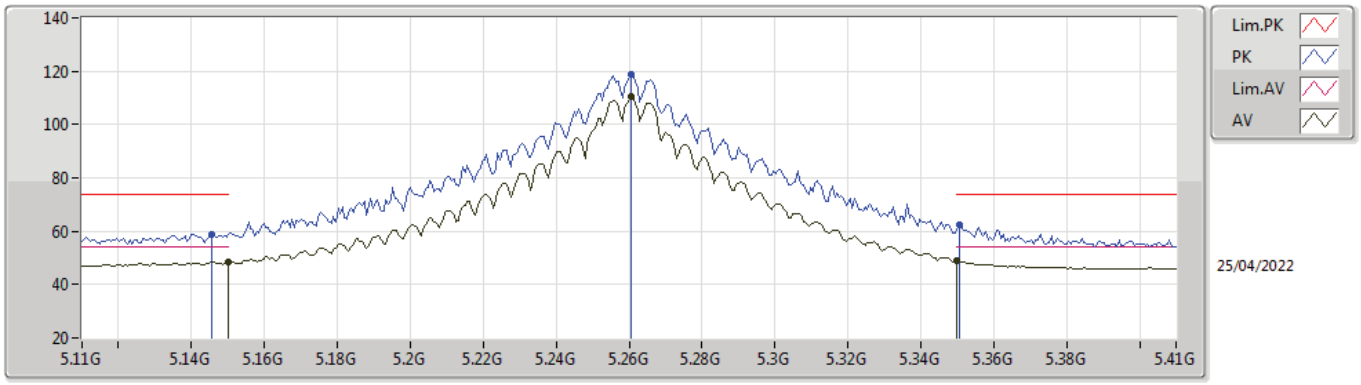
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44082G	53.82	54.00	-0.18	3	Horizontal	35	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43906G	65.02	74.00	-8.98	3	Horizontal	35	1.02	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16037G	59.97	68.20	-8.23	3	Horizontal	256	2.50	-
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2732G	101.67	Inf	-Inf	3	Vertical	248	2.67	-
5270MHz	Pass	AV	5.3512G	52.42	54.00	-1.58	3	Vertical	248	2.67	-
5270MHz	Pass	PK	5.2728G	110.79	Inf	-Inf	3	Vertical	248	2.67	-
5270MHz	Pass	PK	5.3524G	64.75	74.00	-9.25	3	Vertical	248	2.67	-
5270MHz	Pass	AV	5.268G	105.65	Inf	-Inf	3	Horizontal	331	2.71	-
5270MHz	Pass	AV	5.3508G	53.65	54.00	-0.35	3	Horizontal	331	2.71	-
5270MHz	Pass	PK	5.2712G	114.93	Inf	-Inf	3	Horizontal	331	2.71	-
5270MHz	Pass	PK	5.354G	65.83	74.00	-8.17	3	Horizontal	331	2.71	-
5270MHz	Pass	AV	15.81054G	46.59	54.00	-7.41	3	Vertical	304	1.10	-
5270MHz	Pass	PK	10.51424G	53.85	68.20	-14.35	3	Vertical	20.7	1.12	-
5270MHz	Pass	PK	15.80782G	58.35	74.00	-15.65	3	Vertical	304	1.10	-
5270MHz	Pass	AV	15.81284G	46.51	54.00	-7.49	3	Horizontal	238	1.71	-
5270MHz	Pass	PK	10.5296G	56.80	68.20	-11.40	3	Horizontal	33	1.01	-
5270MHz	Pass	PK	15.80646G	57.29	74.00	-16.71	3	Horizontal	238	1.71	-
5310MHz	Pass	AV	5.3084G	96.69	Inf	-Inf	3	Vertical	249	2.65	-
5310MHz	Pass	AV	5.3508G	50.07	54.00	-3.93	3	Vertical	249	2.65	-
5310MHz	Pass	PK	5.3064G	105.38	Inf	-Inf	3	Vertical	249	2.65	-
5310MHz	Pass	PK	5.3564G	64.10	74.00	-9.90	3	Vertical	249	2.65	-
5310MHz	Pass	AV	5.3084G	100.56	Inf	-Inf	3	Horizontal	329	2.67	-
5310MHz	Pass	AV	5.3528G	53.52	54.00	-0.48	3	Horizontal	329	2.67	-
5310MHz	Pass	PK	5.3084G	108.80	Inf	-Inf	3	Horizontal	329	2.67	-
5310MHz	Pass	PK	5.354G	70.48	74.00	-3.52	3	Horizontal	329	2.67	-
5310MHz	Pass	AV	10.61818G	43.19	54.00	-10.81	3	Vertical	106	1.72	-
5310MHz	Pass	AV	15.92572G	45.90	54.00	-8.10	3	Vertical	164	1.48	-
5310MHz	Pass	PK	10.62152G	53.71	74.00	-20.29	3	Vertical	106	1.72	-
5310MHz	Pass	PK	15.93086G	56.38	74.00	-17.62	3	Vertical	164	1.48	-
5310MHz	Pass	AV	10.61898G	43.49	54.00	-10.51	3	Horizontal	172	1.10	-
5310MHz	Pass	AV	15.93352G	46.18	54.00	-7.82	3	Horizontal	322	1.21	-
5310MHz	Pass	PK	10.62366G	53.53	74.00	-20.47	3	Horizontal	172	1.10	-
5310MHz	Pass	PK	15.92558G	55.98	74.00	-18.02	3	Horizontal	322	1.21	-
5510MHz	Pass	AV	5.4536G	50.46	54.00	-3.54	3	Vertical	289	2.06	-
5510MHz	Pass	AV	5.506G	96.06	Inf	-Inf	3	Vertical	289	2.06	-
5510MHz	Pass	PK	5.4608G	60.77	68.20	-7.43	3	Vertical	289	2.06	-
5510MHz	Pass	PK	5.5112G	105.07	Inf	-Inf	3	Vertical	289	2.06	-
5510MHz	Pass	AV	5.4592G	53.40	54.00	-0.60	3	Horizontal	327	2.50	-
5510MHz	Pass	AV	5.5068G	100.54	Inf	-Inf	3	Horizontal	327	2.50	-
5510MHz	Pass	PK	5.4688G	67.52	68.20	-0.68	3	Horizontal	327	2.50	-
5510MHz	Pass	PK	5.5068G	110.23	Inf	-Inf	3	Horizontal	327	2.50	-
5510MHz	Pass	AV	10.99488G	43.97	54.00	-10.03	3	Vertical	360	1.50	-
5510MHz	Pass	PK	11.04288G	54.32	74.00	-19.68	3	Vertical	360	1.50	-
5510MHz	Pass	PK	16.52264G	58.25	68.20	-9.95	3	Vertical	120	2.21	-
5510MHz	Pass	AV	11.02G	44.41	54.00	-9.59	3	Horizontal	15	1.00	-
5510MHz	Pass	PK	11.0216G	55.12	74.00	-18.88	3	Horizontal	15	1.00	-
5510MHz	Pass	PK	16.52704G	58.14	68.20	-10.06	3	Horizontal	165	1.41	-
5550MHz	Pass	AV	5.4572G	50.72	54.00	-3.28	3	Vertical	288	2.05	-
5550MHz	Pass	AV	5.5464G	101.78	Inf	-Inf	3	Vertical	288	2.05	-
5550MHz	Pass	PK	5.468G	64.06	68.20	-4.14	3	Vertical	288	2.05	-
5550MHz	Pass	PK	5.544G	110.89	Inf	-Inf	3	Vertical	288	2.05	-
5550MHz	Pass	AV	5.4588G	53.04	54.00	-0.96	3	Horizontal	198	1.00	-
5550MHz	Pass	AV	5.5512G	105.63	Inf	-Inf	3	Horizontal	198	1.00	-
5550MHz	Pass	PK	5.47G	66.62	68.20	-1.58	3	Horizontal	198	1.00	-
5550MHz	Pass	PK	5.5536G	114.68	Inf	-Inf	3	Horizontal	198	1.00	-
5550MHz	Pass	AV	11.1072G	44.93	54.00	-9.07	3	Vertical	327	1.11	-
5550MHz	Pass	PK	11.06288G	56.47	74.00	-17.53	3	Vertical	327	1.11	-
5550MHz	Pass	PK	16.65008G	58.78	68.20	-9.42	3	Vertical	174	1.62	-
5550MHz	Pass	AV	11.10432G	46.17	54.00	-7.83	3	Horizontal	36	1.06	-
5550MHz	Pass	PK	11.10016G	56.04	74.00	-17.96	3	Horizontal	36	1.06	-
5550MHz	Pass	PK	16.66832G	58.33	68.20	-9.87	3	Horizontal	251	2.84	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	5.6676G	97.76	Inf	-Inf	3	Vertical	289	2.08	-
5670MHz	Pass	PK	5.667G	107.30	Inf	-Inf	3	Vertical	289	2.08	-
5670MHz	Pass	PK	5.7288G	62.61	68.20	-5.59	3	Vertical	289	2.08	-
5670MHz	Pass	AV	5.6664G	101.07	Inf	-Inf	3	Horizontal	342	1.07	-
5670MHz	Pass	PK	5.6676G	110.57	Inf	-Inf	3	Horizontal	342	1.07	-
5670MHz	Pass	PK	5.7276G	66.65	68.20	-1.55	3	Horizontal	342	1.07	-
5670MHz	Pass	AV	11.34112G	44.43	54.00	-9.57	3	Vertical	325	1.00	-
5670MHz	Pass	PK	11.368G	54.57	74.00	-19.43	3	Vertical	325	1.00	-
5670MHz	Pass	PK	17.01956G	58.52	68.20	-9.68	3	Vertical	66	2.79	-
5670MHz	Pass	AV	11.34384G	44.94	54.00	-9.06	3	Horizontal	34	1.00	-
5670MHz	Pass	PK	11.32976G	55.20	74.00	-18.80	3	Horizontal	34	1.00	-
5670MHz	Pass	PK	17.01076G	58.08	68.20	-10.12	3	Horizontal	246	2.31	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	46.93	54.00	-7.07	3	Vertical	293	2.18	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	102.56	Inf	-Inf	3	Vertical	293	2.18	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	55.79	68.20	-12.41	3	Vertical	293	2.18	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7076G	111.07	Inf	-Inf	3	Vertical	293	2.18	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8624G	61.56	68.20	-6.64	3	Vertical	293	2.18	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4316G	46.92	54.00	-7.08	3	Horizontal	340	2.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	107.85	Inf	-Inf	3	Horizontal	340	2.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	56.85	68.20	-11.35	3	Horizontal	340	2.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.704G	116.72	Inf	-Inf	3	Horizontal	340	2.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8624G	67.81	68.20	-0.39	3	Horizontal	340	2.60	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41888G	50.66	54.00	-3.34	3	Vertical	321	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41648G	62.22	74.00	-11.78	3	Vertical	321	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12056G	61.76	68.20	-6.44	3	Vertical	256	2.64	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41856G	51.42	54.00	-2.58	3	Horizontal	34	1.01	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41664G	62.30	74.00	-11.70	3	Horizontal	34	1.01	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13072G	59.40	68.20	-8.80	3	Horizontal	0	1.00	-
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.083G	49.56	54.00	-4.44	3	Vertical	280	2.01	-
5290MHz	Pass	AV	5.286G	91.59	Inf	-Inf	3	Vertical	280	2.01	-
5290MHz	Pass	AV	5.35G	50.07	54.00	-3.93	3	Vertical	280	2.01	-
5290MHz	Pass	PK	5.085G	59.01	74.00	-14.99	3	Vertical	280	2.01	-
5290MHz	Pass	PK	5.295G	99.31	Inf	-Inf	3	Vertical	280	2.01	-
5290MHz	Pass	PK	5.469G	56.66	68.20	-11.54	3	Vertical	280	2.01	-
5290MHz	Pass	AV	5.149G	50.83	54.00	-3.17	3	Horizontal	270	1.01	-
5290MHz	Pass	AV	5.295G	97.26	Inf	-Inf	3	Horizontal	270	1.01	-
5290MHz	Pass	AV	5.35G	53.81	54.00	-0.19	3	Horizontal	270	1.01	-
5290MHz	Pass	PK	5.149G	59.44	74.00	-14.56	3	Horizontal	270	1.01	-
5290MHz	Pass	PK	5.289G	103.44	Inf	-Inf	3	Horizontal	270	1.01	-
5290MHz	Pass	PK	5.525G	57.33	68.20	-10.87	3	Horizontal	270	1.01	-
5290MHz	Pass	AV	15.86638G	47.56	54.00	-6.44	3	Vertical	27	2.71	-
5290MHz	Pass	PK	10.57728G	53.49	68.20	-14.71	3	Vertical	247	1.59	-
5290MHz	Pass	PK	15.86564G	56.06	74.00	-17.94	3	Vertical	27	2.71	-
5290MHz	Pass	AV	15.87146G	47.55	54.00	-6.45	3	Horizontal	310	1.40	-
5290MHz	Pass	PK	10.58318G	53.90	68.20	-14.30	3	Horizontal	61	2.95	-
5290MHz	Pass	PK	15.87026G	57.01	74.00	-16.99	3	Horizontal	310	1.40	-
5530MHz	Pass	AV	5.458G	49.88	54.00	-4.12	3	Vertical	280	1.81	-
5530MHz	Pass	AV	5.534G	89.46	Inf	-Inf	3	Vertical	280	1.81	-
5530MHz	Pass	PK	5.467G	57.61	68.20	-10.59	3	Vertical	280	1.81	-
5530MHz	Pass	PK	5.528G	97.10	Inf	-Inf	3	Vertical	280	1.81	-
5530MHz	Pass	PK	5.734G	57.44	68.20	-10.76	3	Vertical	280	1.81	-
5530MHz	Pass	AV	5.454G	53.79	54.00	-0.21	3	Horizontal	268	1.00	-
5530MHz	Pass	AV	5.533G	95.60	Inf	-Inf	3	Horizontal	268	1.00	-
5530MHz	Pass	PK	5.466G	63.01	68.20	-5.19	3	Horizontal	268	1.00	-
5530MHz	Pass	PK	5.526G	102.90	Inf	-Inf	3	Horizontal	268	1.00	-
5530MHz	Pass	PK	5.753G	58.52	68.20	-9.68	3	Horizontal	268	1.00	-
5530MHz	Pass	AV	11.0632G	44.81	54.00	-9.19	3	Vertical	216	1.46	-
5530MHz	Pass	PK	11.06498G	55.59	74.00	-18.41	3	Vertical	216	1.46	-
5530MHz	Pass	PK	16.58998G	58.27	68.20	-9.93	3	Vertical	243	1.60	-
5530MHz	Pass	AV	11.055G	44.80	54.00	-9.20	3	Horizontal	291	2.16	-
5530MHz	Pass	PK	11.05728G	55.00	74.00	-19.00	3	Horizontal	291	2.16	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	PK	16.58666G	58.87	68.20	-9.33	3	Horizontal	98	2.74	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4152G	49.62	54.00	-4.38	3	Vertical	285	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6876G	100.54	Inf	-Inf	3	Vertical	285	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	57.85	68.20	-10.35	3	Vertical	285	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6792G	108.32	Inf	-Inf	3	Vertical	285	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	65.77	68.20	-2.43	3	Vertical	285	1.93	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4308G	49.17	54.00	-4.83	3	Horizontal	338	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6852G	105.40	Inf	-Inf	3	Horizontal	338	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	57.30	68.20	-10.90	3	Horizontal	338	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6948G	112.24	Inf	-Inf	3	Horizontal	338	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	67.72	68.20	-0.48	3	Horizontal	338	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39856G	48.03	54.00	-5.97	3	Vertical	322	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39888G	56.63	74.00	-17.37	3	Vertical	322	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06076G	58.43	68.20	-9.77	3	Vertical	228	1.74	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.4136G	47.39	54.00	-6.61	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.4312G	55.91	74.00	-18.09	3	Horizontal	360	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.06672G	57.99	68.20	-10.21	3	Horizontal	48	2.88	-

802.11a_Nss1,(6Mbps)_2TX

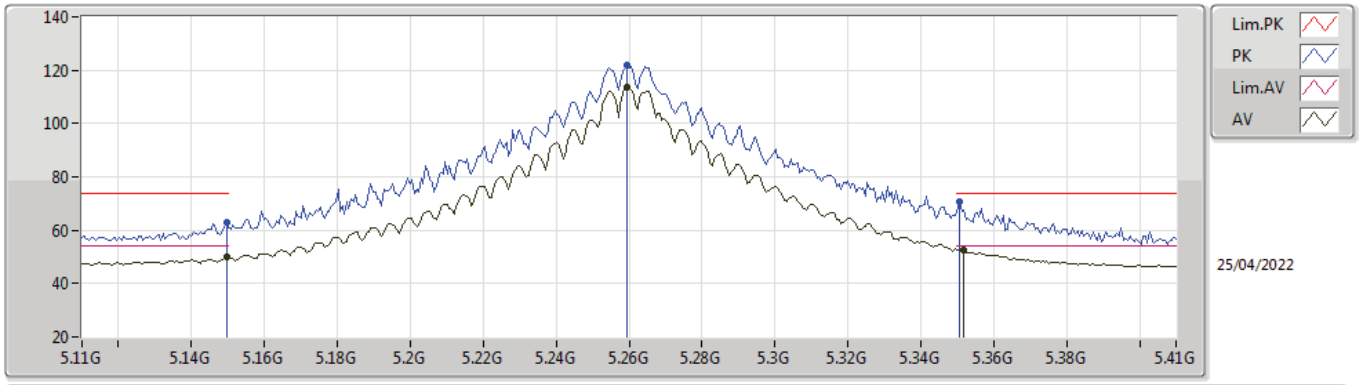
5260MHz_TnomVnom



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	48.47	54.00	-5.53	5.21	3	Vertical	311	2.54	-	43.26	33.10	6.87	34.76
AV	5.2606G	110.39	Inf	-Inf	5.25	3	Vertical	311	2.54	-	105.14	33.06	6.96	34.77
AV	5.35G	49.01	54.00	-4.99	4.99	3	Vertical	311	2.54	-	44.02	32.70	7.06	34.77
PK	5.1454G	58.76	74.00	-15.24	5.20	3	Vertical	311	2.54	-	53.56	33.09	6.87	34.76
PK	5.2606G	118.87	Inf	-Inf	5.25	3	Vertical	311	2.54	-	113.62	33.06	6.96	34.77
PK	5.3506G	62.19	74.00	-11.81	4.99	3	Vertical	311	2.54	-	57.20	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

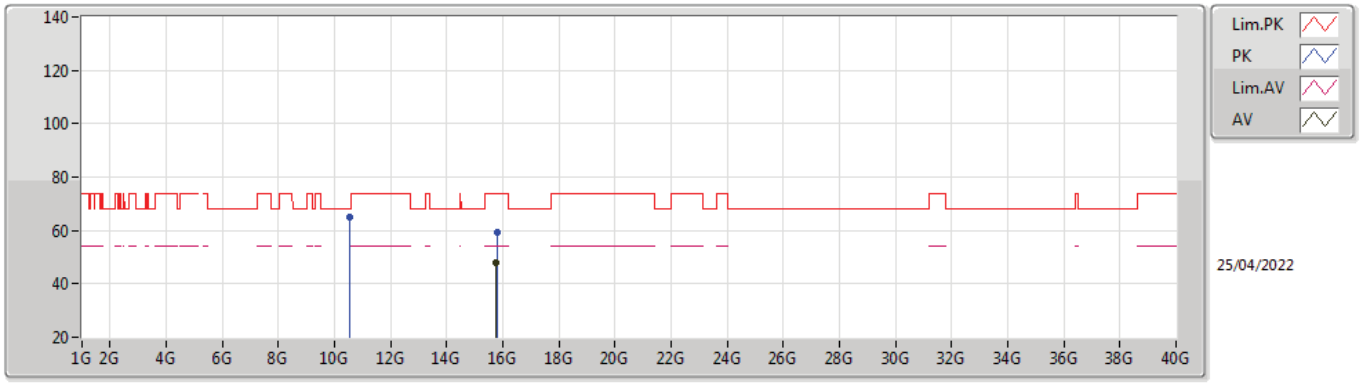
5260MHz_TnomVnom



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	49.75	54.00	-4.25	5.21	3	Horizontal	346	1.02	-	44.54	33.10	6.87	34.76
AV	5.2594G	113.78	Inf	-Inf	5.25	3	Horizontal	346	1.02	-	108.53	33.06	6.96	34.77
AV	5.3518G	52.71	54.00	-1.29	5.00	3	Horizontal	346	1.02	-	47.71	32.71	7.06	34.77
PK	5.1496G	62.98	74.00	-11.02	5.21	3	Horizontal	346	1.02	-	57.77	33.10	6.87	34.76
PK	5.2594G	121.82	Inf	-Inf	5.25	3	Horizontal	346	1.02	-	116.57	33.06	6.96	34.77
PK	5.3506G	70.59	74.00	-3.41	4.99	3	Horizontal	346	1.02	-	65.60	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

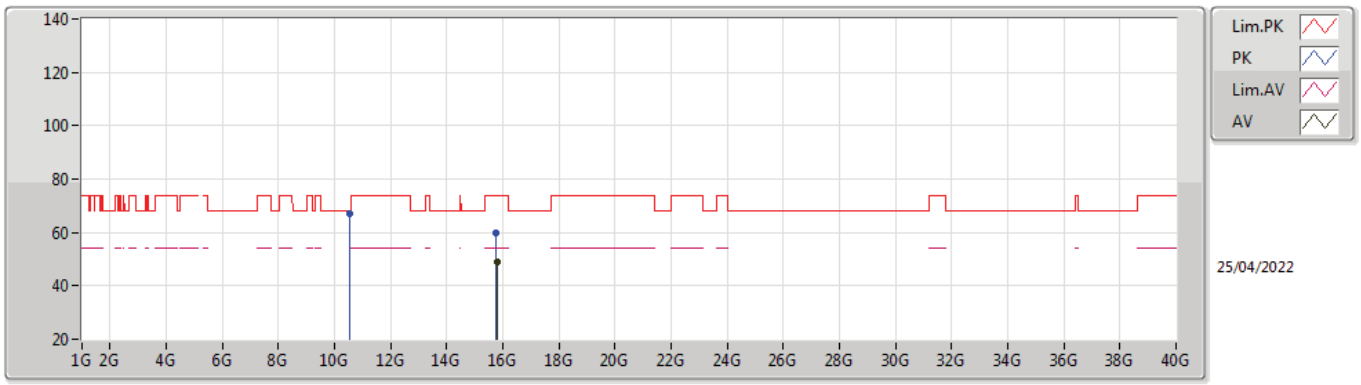
5260MHz_TnomVnom



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	15.77606G	47.92	54.00	-6.08	15.30	3	Vertical	300	2.38	-	32.62	38.02	12.34	35.06
PK	10.52072G	65.20	68.20	-3.00	12.81	3	Vertical	317	1.20	-	52.39	38.66	9.04	34.89
PK	15.78138G	59.46	74.00	-14.54	15.30	3	Vertical	300	2.38	-	44.16	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_2TX

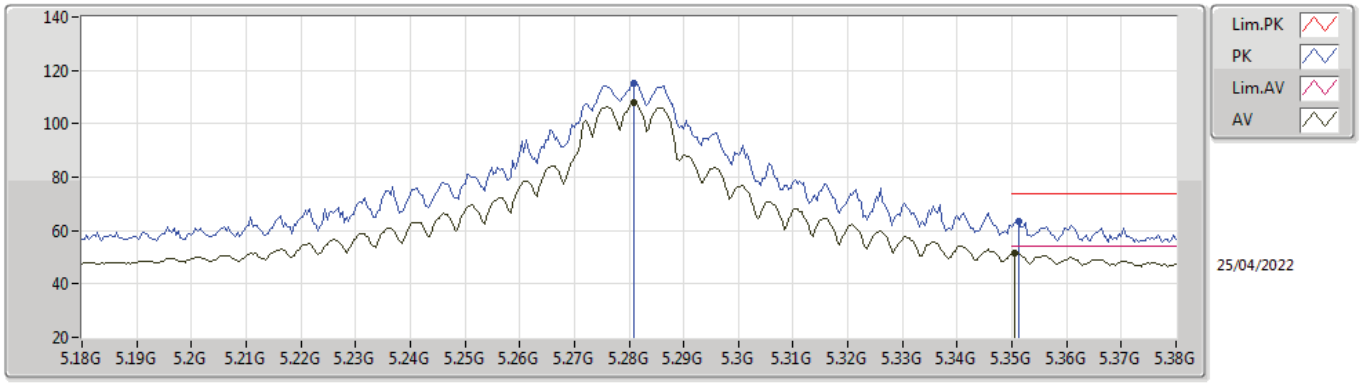
5260MHz_TnomVnom



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	15.78144G	49.06	54.00	-4.94	15.30	3	Horizontal	129	1.09	-	33.76	38.02	12.34	35.06
PK	10.51788G	67.02	68.20	-1.18	12.80	3	Horizontal	120	1.00	-	54.22	38.65	9.04	34.89
PK	15.7761G	60.07	74.00	-13.93	15.30	3	Horizontal	129	1.09	-	44.77	38.02	12.34	35.06

802.11a_Nss1,(6Mbps)_2TX

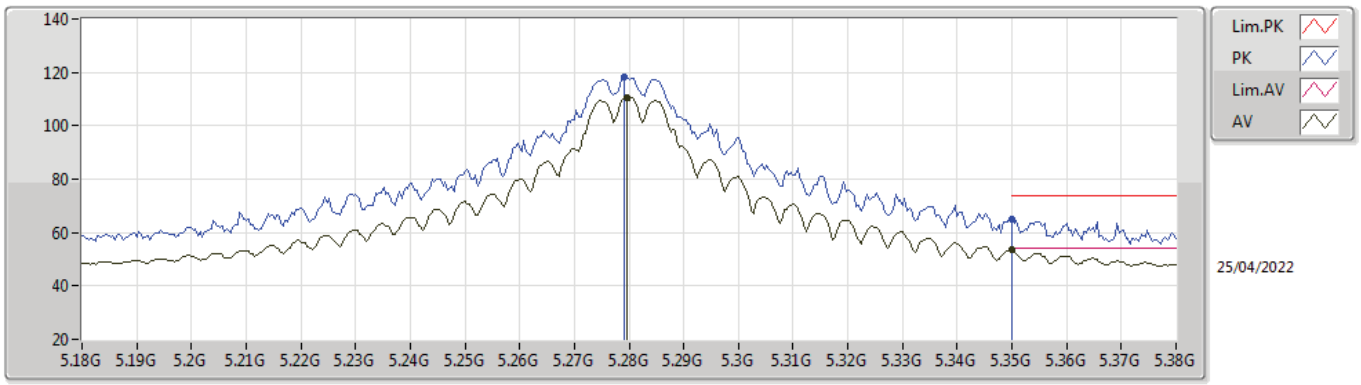
5280MHz_TnomVnom



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	5.2808G	108.02	Inf	-Inf	5.19	3	Vertical	309	2.33	-	102.83	32.98	6.98	34.77
AV	5.3504G	51.48	54.00	-2.52	4.99	3	Vertical	309	2.33	-	46.49	32.70	7.06	34.77
PK	5.2808G	115.26	Inf	-Inf	5.19	3	Vertical	309	2.33	-	110.07	32.98	6.98	34.77
PK	5.3512G	63.62	74.00	-10.38	5.00	3	Vertical	309	2.33	-	58.62	32.71	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

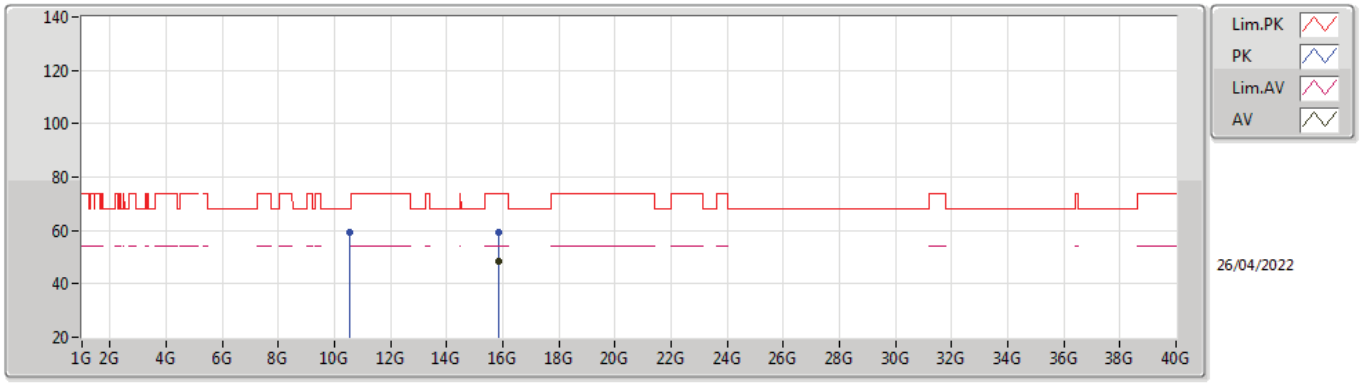
5280MHz_TnomVnom



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	5.2796G	110.70	Inf	-Inf	5.19	3	Horizontal	346	1.18	-	105.51	32.98	6.98	34.77
AV	5.35G	53.75	54.00	-0.25	4.99	3	Horizontal	346	1.18	-	48.76	32.70	7.06	34.77
PK	5.2792G	118.49	Inf	-Inf	5.19	3	Horizontal	346	1.18	-	113.30	32.98	6.98	34.77
PK	5.35G	64.83	74.00	-9.17	4.99	3	Horizontal	346	1.18	-	59.84	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

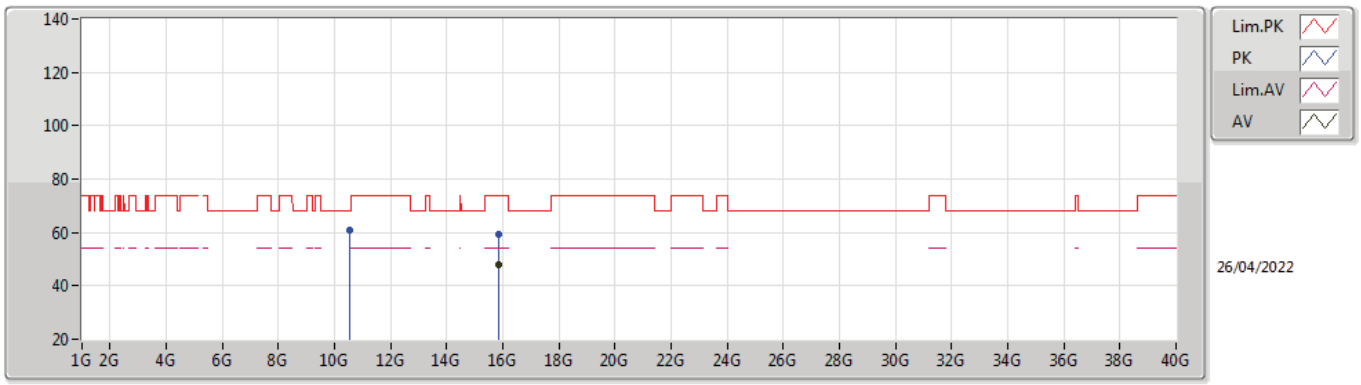
5280MHz_TnomVnom



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	15.8396G	48.34	54.00	-5.66	15.14	3	Vertical	244	2.69	-	33.20	37.84	12.40	35.10
PK	10.5572G	59.44	68.20	-8.76	12.94	3	Vertical	307	1.14	-	46.50	38.77	9.05	34.88
PK	15.83968G	59.38	74.00	-14.62	15.14	3	Vertical	244	2.69	-	44.24	37.84	12.40	35.10

802.11a_Nss1,(6Mbps)_2TX

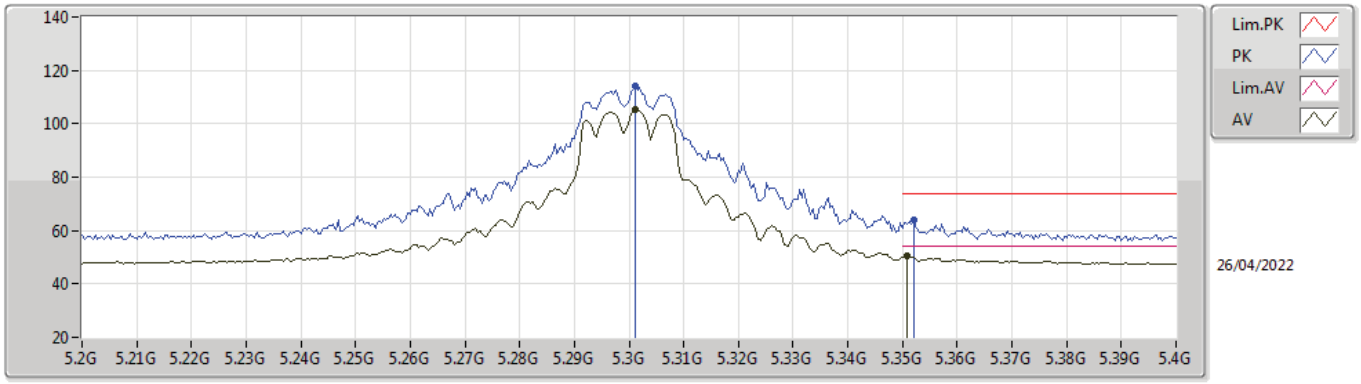
5280MHz_TnomVnom



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	15.838G	47.91	54.00	-6.09	15.15	3	Horizontal	118	1.98	-	32.76	37.85	12.40	35.10
PK	10.55768G	60.90	68.20	-7.30	12.94	3	Horizontal	360	1.18	-	47.96	38.77	9.05	34.88
PK	15.84008G	59.30	74.00	-14.70	15.14	3	Horizontal	118	1.98	-	44.16	37.84	12.40	35.10

802.11a_Nss1,(6Mbps)_2TX

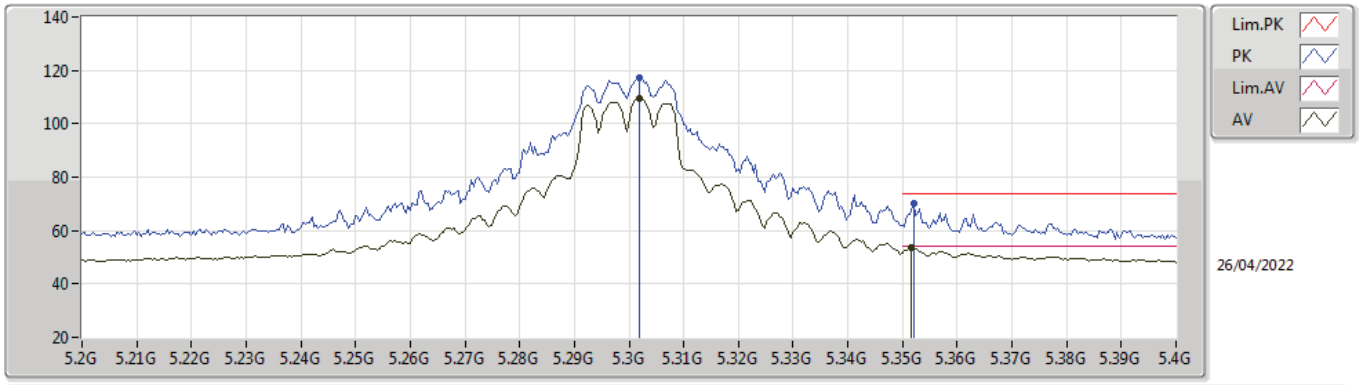
5300MHz_TnomVnom



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	5.3012G	105.24	Inf	-Inf	5.14	3	Vertical	309	2.34	-	100.10	32.90	7.01	34.77
AV	5.3508G	50.31	54.00	-3.69	4.99	3	Vertical	309	2.34	-	45.32	32.70	7.06	34.77
PK	5.3012G	113.88	Inf	-Inf	5.14	3	Vertical	309	2.34	-	108.74	32.90	7.01	34.77
PK	5.352G	64.21	74.00	-9.79	5.00	3	Vertical	309	2.34	-	59.21	32.71	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

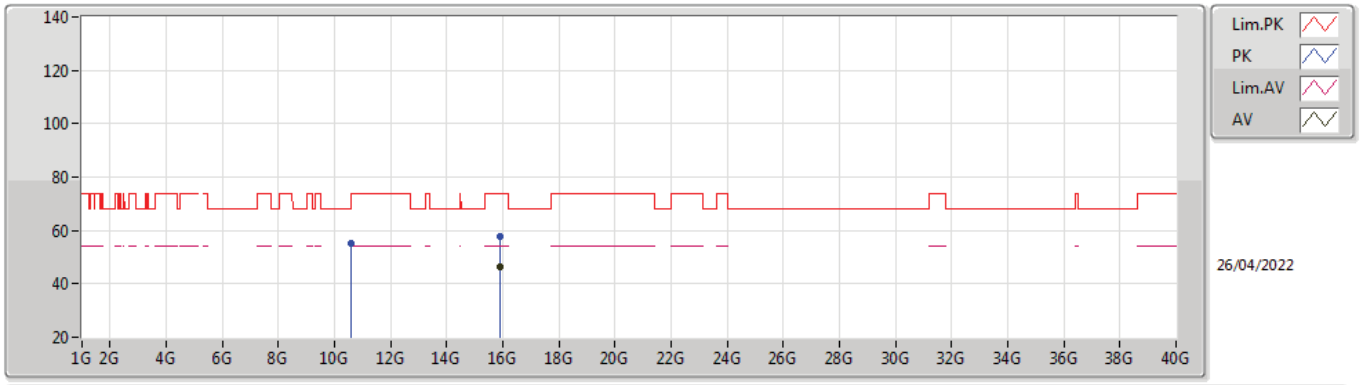
5300MHz_TnomVnom



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	5.302G	109.36	Inf	-Inf	5.13	3	Horizontal	333	2.84	-	104.23	32.89	7.01	34.77
AV	5.3516G	53.44	54.00	-0.56	5.00	3	Horizontal	333	2.84	-	48.44	32.71	7.06	34.77
PK	5.302G	117.33	Inf	-Inf	5.13	3	Horizontal	333	2.84	-	112.20	32.89	7.01	34.77
PK	5.352G	70.21	74.00	-3.79	5.00	3	Horizontal	333	2.84	-	65.21	32.71	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

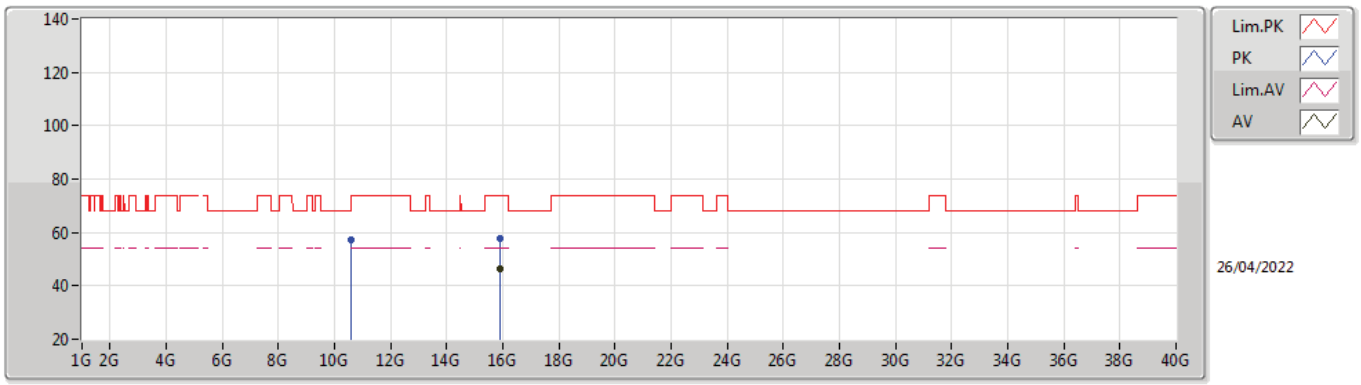
5300MHz_TnomVnom



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	15.8976G	46.63	54.00	-7.37	14.94	3	Vertical	237	1.50	-	31.69	37.61	12.46	35.13
PK	10.59872G	55.24	68.20	-12.96	13.10	3	Vertical	277	1.32	-	42.14	38.90	9.07	34.87
PK	15.89208G	57.97	74.00	-16.03	14.95	3	Vertical	237	1.50	-	43.02	37.63	12.45	35.13

802.11a_Nss1,(6Mbps)_2TX

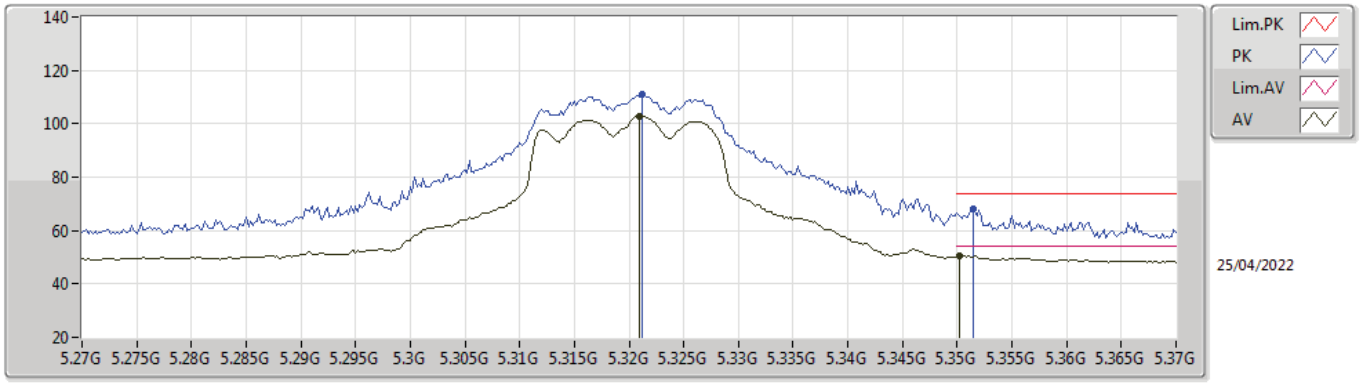
5300MHz_TnomVnom



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	15.90016G	46.36	54.00	-7.64	14.93	3	Horizontal	197	1.50	-	31.43	37.60	12.46	35.13
PK	10.60776G	57.07	74.00	-16.93	13.12	3	Horizontal	360	1.11	-	43.95	38.92	9.07	34.87
PK	15.91928G	57.67	74.00	-16.33	14.94	3	Horizontal	197	1.50	-	42.73	37.60	12.48	35.14

802.11a_Nss1,(6Mbps)_2TX

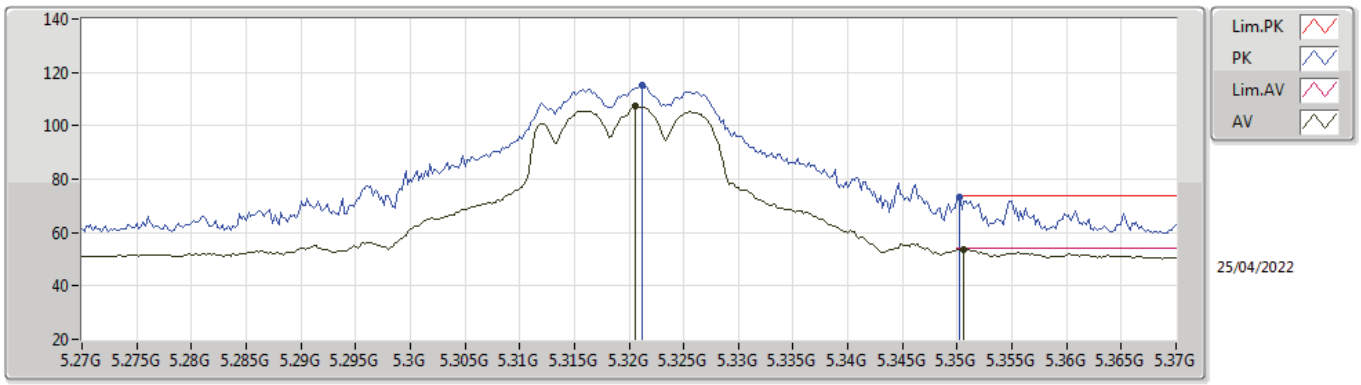
5320MHz_TnomVnom



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	5.321G	102.73	Inf	-Inf	5.08	3	Vertical	310	2.20	-	97.65	32.82	7.03	34.77
AV	5.3502G	50.47	54.00	-3.53	4.99	3	Vertical	310	2.20	-	45.48	32.70	7.06	34.77
PK	5.3212G	110.99	Inf	-Inf	5.08	3	Vertical	310	2.20	-	105.91	32.82	7.03	34.77
PK	5.3514G	68.27	74.00	-5.73	5.00	3	Vertical	310	2.20	-	63.27	32.71	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

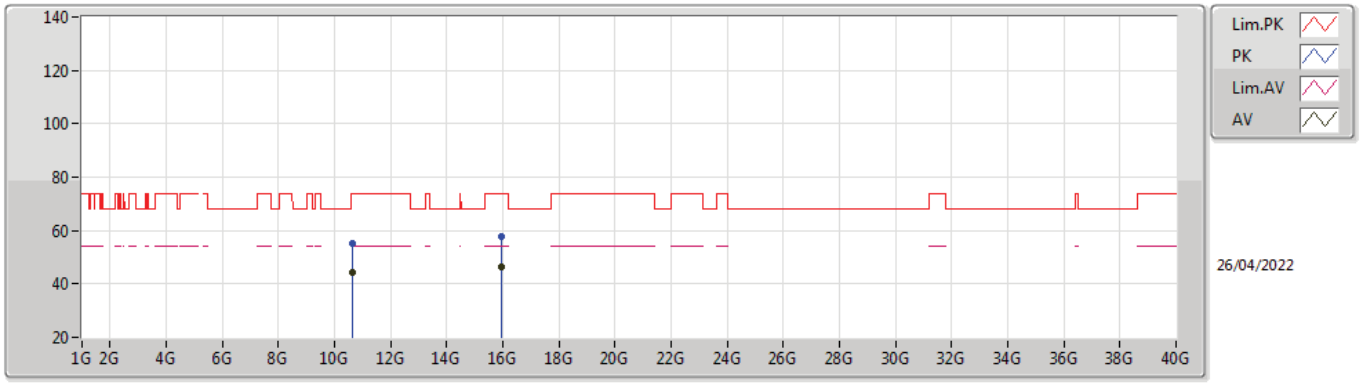
5320MHz_TnomVnom



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	5.3206G	107.30	Inf	-Inf	5.08	3	Horizontal	303	2.80	-	102.22	32.82	7.03	34.77
AV	5.3506G	53.76	54.00	-0.24	4.99	3	Horizontal	303	2.80	-	48.77	32.70	7.06	34.77
PK	5.3212G	115.13	Inf	-Inf	5.08	3	Horizontal	303	2.80	-	110.05	32.82	7.03	34.77
PK	5.3502G	73.16	74.00	-0.84	4.99	3	Horizontal	303	2.80	-	68.17	32.70	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

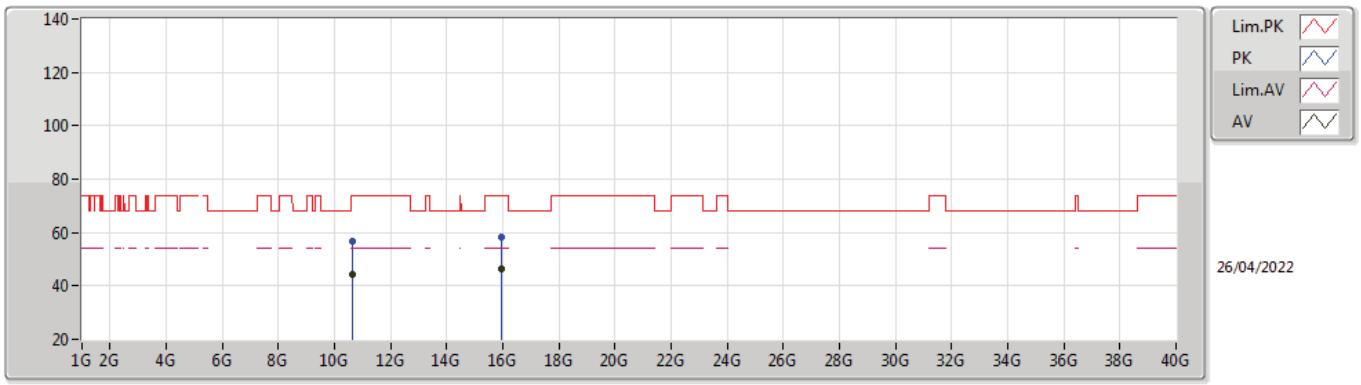
5320MHz_TnomVnom



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	10.64192G	44.10	54.00	-9.90	13.21	3	Vertical	310	2.35	-	30.89	38.98	9.08	34.85
AV	15.95878G	46.46	54.00	-7.54	14.95	3	Vertical	214	1.18	-	31.51	37.60	12.52	35.17
PK	10.63712G	55.16	74.00	-18.84	13.19	3	Vertical	310	2.35	-	41.97	38.97	9.08	34.86
PK	15.95798G	57.91	74.00	-16.09	14.95	3	Vertical	214	1.18	-	42.96	37.60	12.52	35.17

802.11a_Nss1,(6Mbps)_2TX

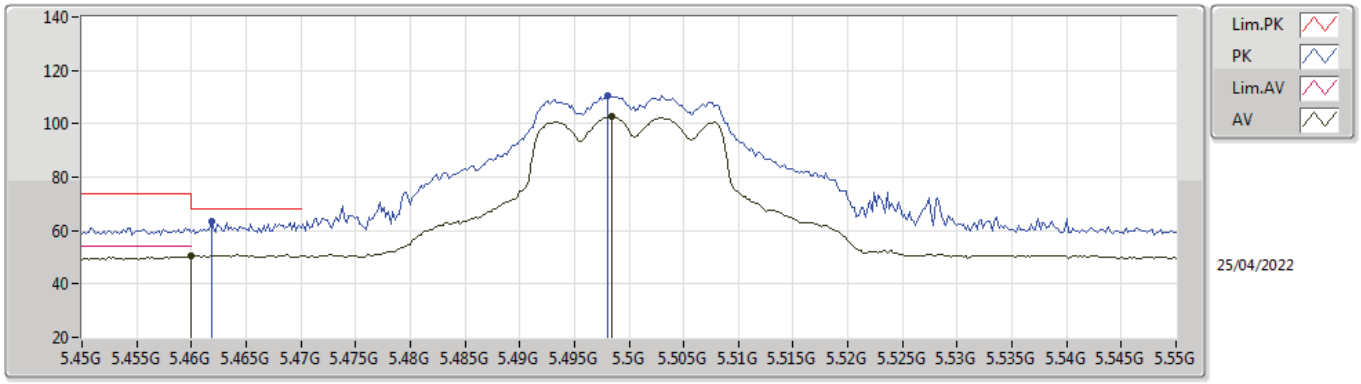
5320MHz_TnomVnom



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	10.64144G	44.42	54.00	-9.58	13.21	3	Horizontal	360	1.04	-	31.21	38.98	9.08	34.85
AV	15.95796G	46.42	54.00	-7.58	14.95	3	Horizontal	226	1.39	-	31.47	37.60	12.52	35.17
PK	10.64144G	56.82	74.00	-17.18	13.21	3	Horizontal	360	1.04	-	43.61	38.98	9.08	34.85
PK	15.95568G	58.40	74.00	-15.60	14.96	3	Horizontal	226	1.39	-	43.44	37.60	12.52	35.16

802.11a_Nss1,(6Mbps)_2TX

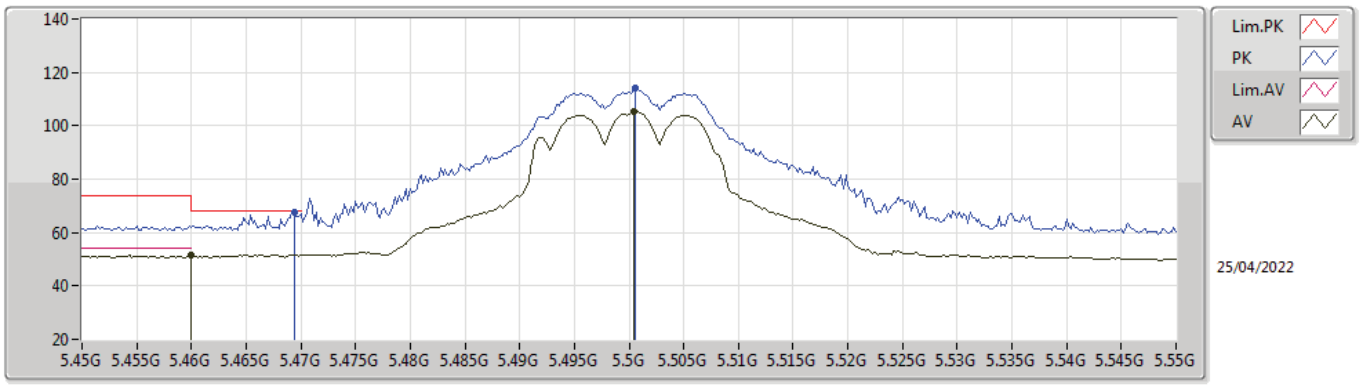
5500MHz_TnomVnom



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	50.29	54.00	-3.71	5.13	3	Vertical	276	3.00	-	45.16	32.82	7.08	34.77
AV	5.4984G	102.60	Inf	-Inf	5.19	3	Vertical	276	3.00	-	97.41	32.90	7.06	34.77
PK	5.4618G	63.53	68.20	-4.67	5.13	3	Vertical	276	3.00	-	58.40	32.82	7.08	34.77
PK	5.498G	110.68	Inf	-Inf	5.19	3	Vertical	276	3.00	-	105.49	32.90	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

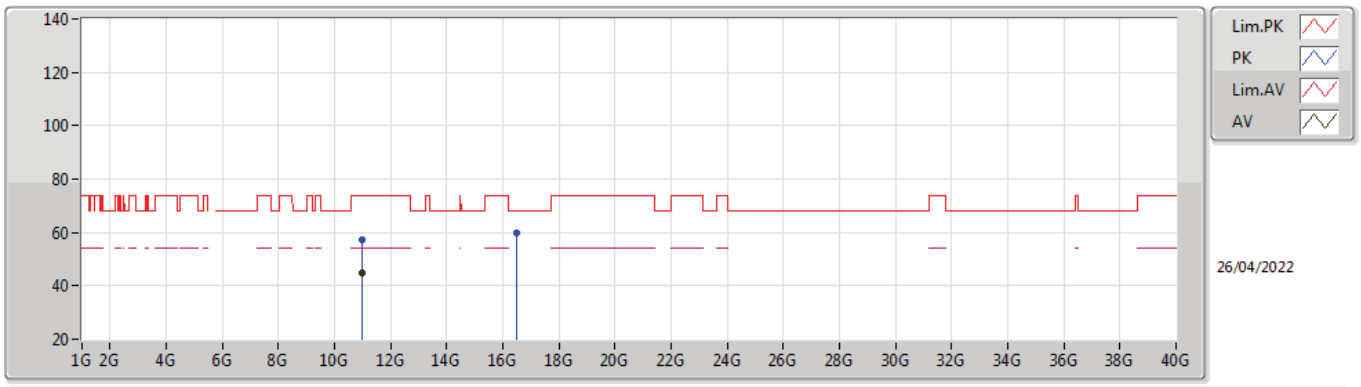
5500MHz_TnomVnom



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	51.50	54.00	-2.50	5.13	3	Horizontal	340	1.02	-	46.37	32.82	7.08	34.77
AV	5.5004G	105.57	Inf	-Inf	5.18	3	Horizontal	340	1.02	-	100.39	32.90	7.05	34.77
PK	5.4694G	67.48	68.20	-0.72	5.14	3	Horizontal	340	1.02	-	62.34	32.84	7.07	34.77
PK	5.5006G	113.88	Inf	-Inf	5.18	3	Horizontal	340	1.02	-	108.70	32.90	7.05	34.77

802.11a_Nss1,(6Mbps)_2TX

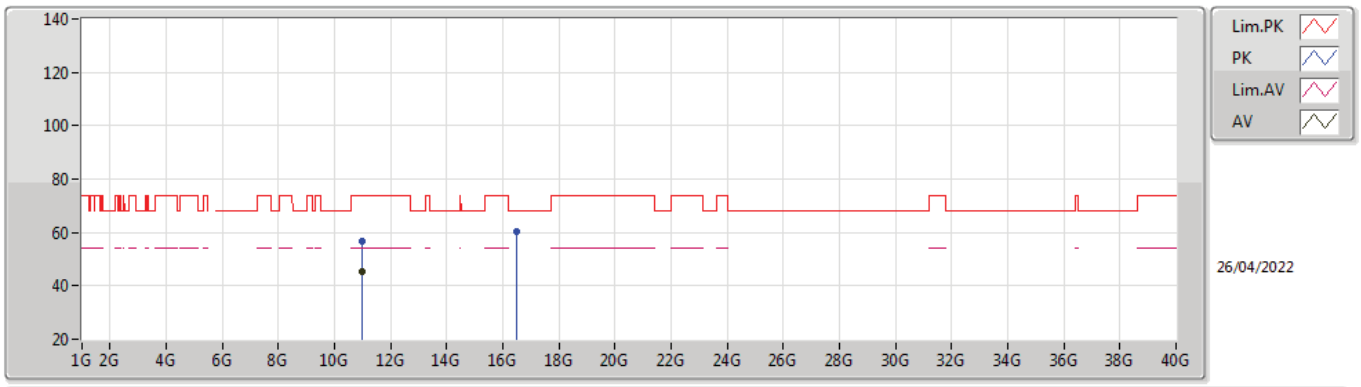
5500MHz_TnomVnom



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	11.0004G	44.78	54.00	-9.22	13.16	3	Vertical	331	2.62	-	31.62	38.70	9.20	34.74
PK	11.00064G	57.50	74.00	-16.50	13.16	3	Vertical	331	2.62	-	44.34	38.70	9.20	34.74
PK	16.5008G	59.64	68.20	-8.56	16.47	3	Vertical	13	1.11	-	43.17	38.70	12.71	34.94

802.11a_Nss1,(6Mbps)_2TX

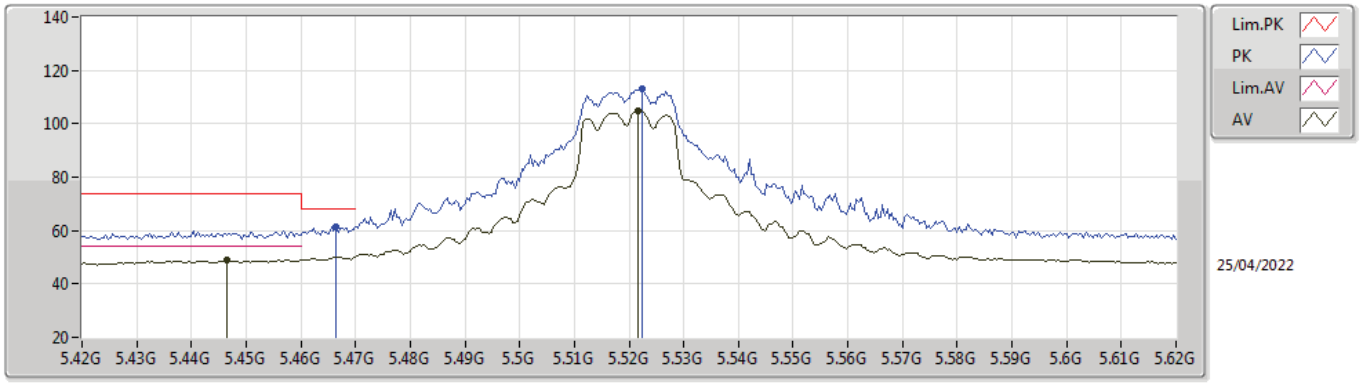
5500MHz_TnomVnom



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	11.00288G	45.13	54.00	-8.87	13.16	3	Horizontal	360	1.05	-	31.97	38.70	9.20	34.74
PK	11.00528G	56.56	74.00	-17.44	13.15	3	Horizontal	360	1.05	-	43.41	38.69	9.20	34.74
PK	16.50174G	60.43	68.20	-7.77	16.46	3	Horizontal	115	1.61	-	43.97	38.69	12.71	34.94

802.11a_Nss1,(6Mbps)_2TX

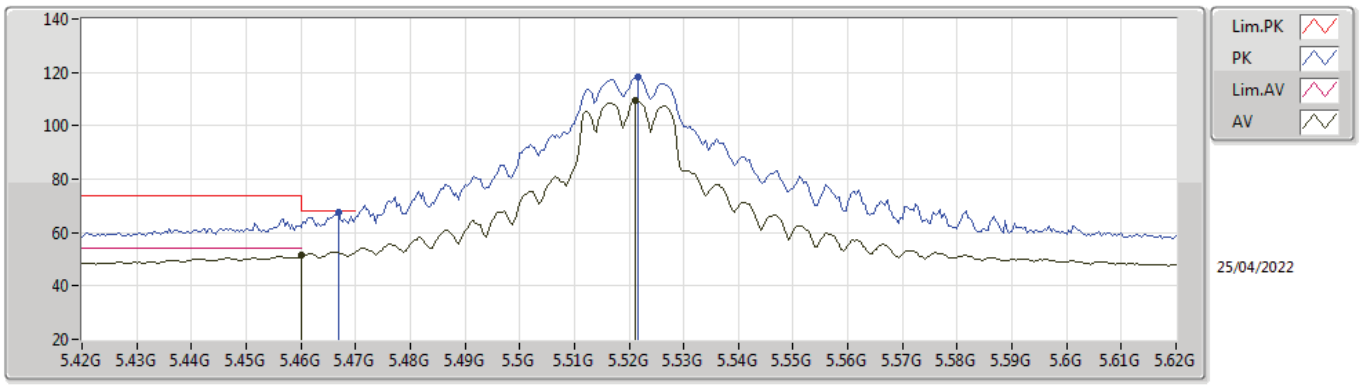
5520MHz_TnomVnom



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	5.4464G	48.91	54.00	-5.09	5.13	3	Vertical	307	2.07	-	43.78	32.81	7.09	34.77
AV	5.5216G	104.92	Inf	-Inf	5.21	3	Vertical	307	2.07	-	99.71	32.94	7.04	34.77
PK	5.4664G	61.37	68.20	-6.83	5.14	3	Vertical	307	2.07	-	56.23	32.83	7.08	34.77
PK	5.5224G	112.86	Inf	-Inf	5.21	3	Vertical	307	2.07	-	107.65	32.94	7.04	34.77

802.11a_Nss1,(6Mbps)_2TX

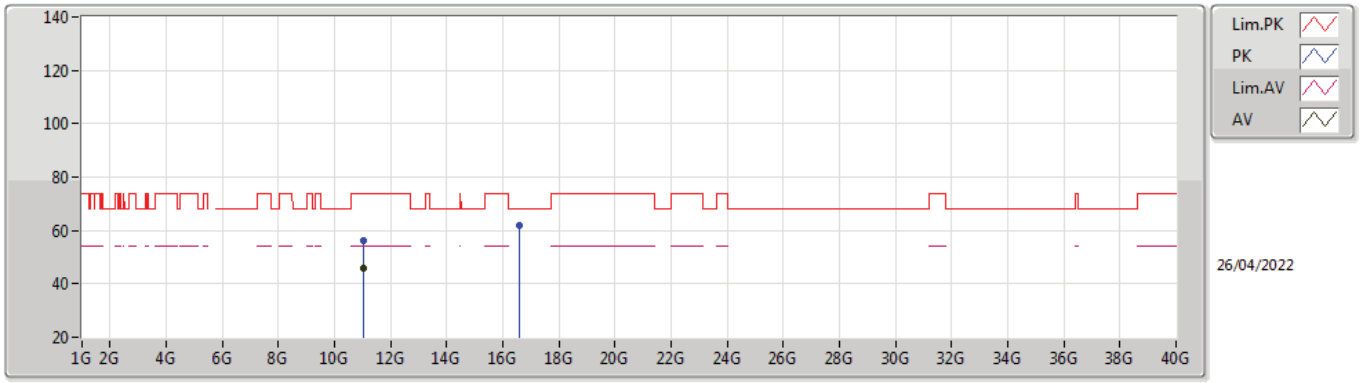
5520MHz_TnomVnom



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	51.51	54.00	-2.49	5.13	3	Horizontal	338	2.65	-	46.38	32.82	7.08	34.77
AV	5.5212G	109.51	Inf	-Inf	5.21	3	Horizontal	338	2.65	-	104.30	32.94	7.04	34.77
PK	5.4668G	67.62	68.20	-0.58	5.14	3	Horizontal	338	2.65	-	62.48	32.83	7.08	34.77
PK	5.5216G	118.12	Inf	-Inf	5.21	3	Horizontal	338	2.65	-	112.91	32.94	7.04	34.77

802.11a_Nss1,(6Mbps)_2TX

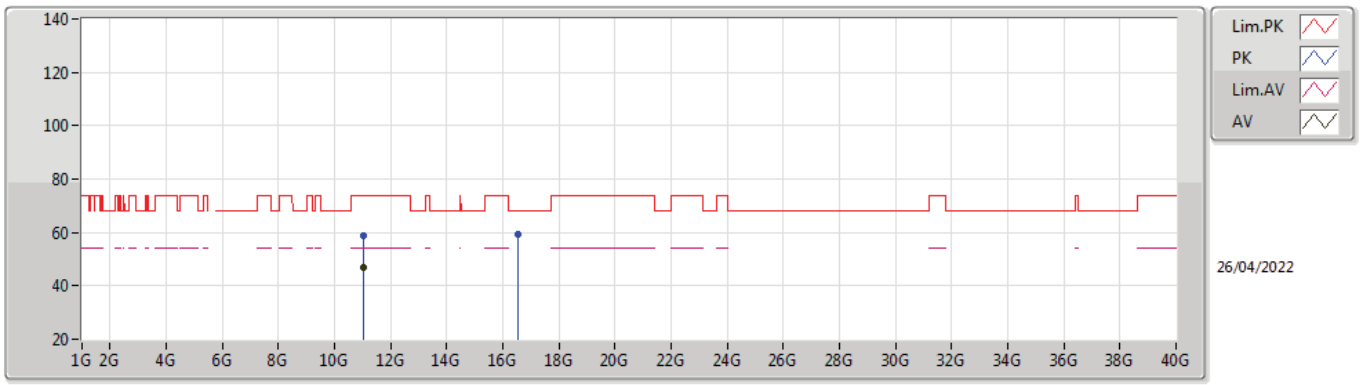
5520MHz_TnomVnom



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	11.03952G	45.64	54.00	-8.36	13.14	3	Vertical	310	1.02	-	32.50	38.66	9.21	34.73
PK	11.0436G	56.19	74.00	-17.81	13.14	3	Vertical	310	1.02	-	43.05	38.66	9.21	34.73
PK	16.56616G	61.78	68.20	-6.42	16.35	3	Vertical	245	2.97	-	45.43	38.44	12.72	34.81

802.11a_Nss1,(6Mbps)_2TX

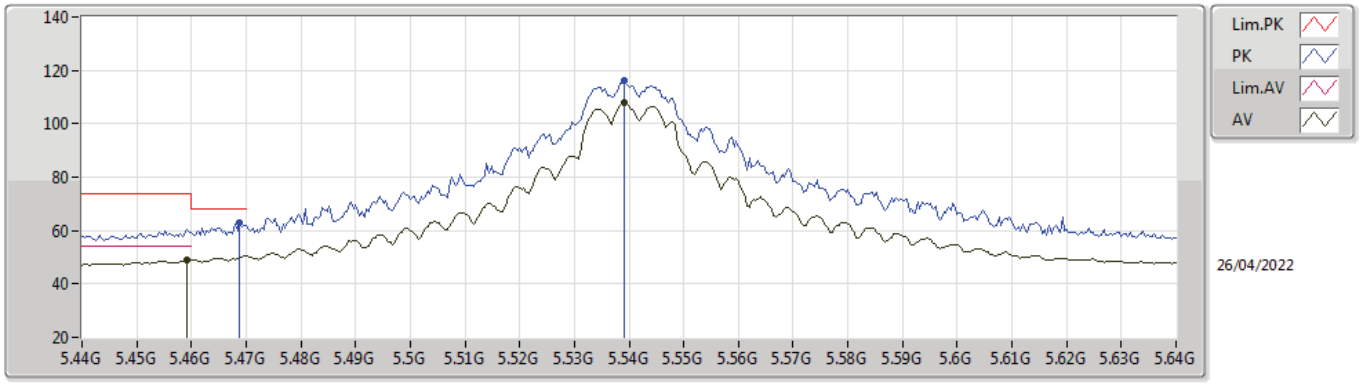
5520MHz_TnomVnom



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	11.04368G	46.89	54.00	-7.11	13.14	3	Horizontal	360	1.00	-	33.75	38.66	9.21	34.73
PK	11.04408G	59.05	74.00	-14.95	13.14	3	Horizontal	360	1.00	-	45.91	38.66	9.21	34.73
PK	16.5492G	59.45	68.20	-8.75	16.38	3	Horizontal	260	2.63	-	43.07	38.50	12.72	34.84

802.11a_Nss1,(6Mbps)_2TX

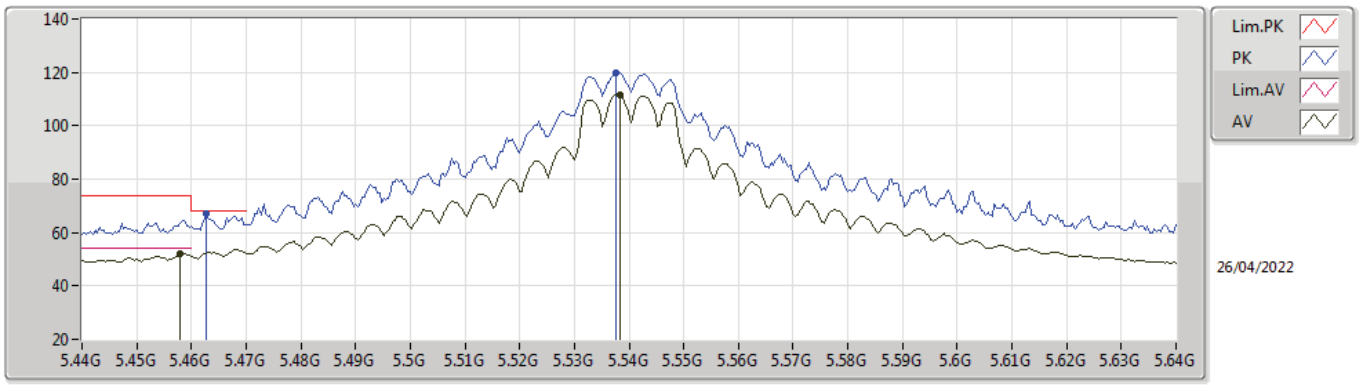
5540MHz_TnomVnom



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	5.4592G	48.87	54.00	-5.13	5.13	3	Vertical	305	2.18	-	43.74	32.82	7.08	34.77
AV	5.5392G	107.88	Inf	-Inf	5.24	3	Vertical	305	2.18	-	102.64	32.98	7.03	34.77
PK	5.4688G	63.03	68.20	-5.17	5.15	3	Vertical	305	2.18	-	57.88	32.84	7.08	34.77
PK	5.5392G	116.06	Inf	-Inf	5.24	3	Vertical	305	2.18	-	110.82	32.98	7.03	34.77

802.11a_Nss1,(6Mbps)_2TX

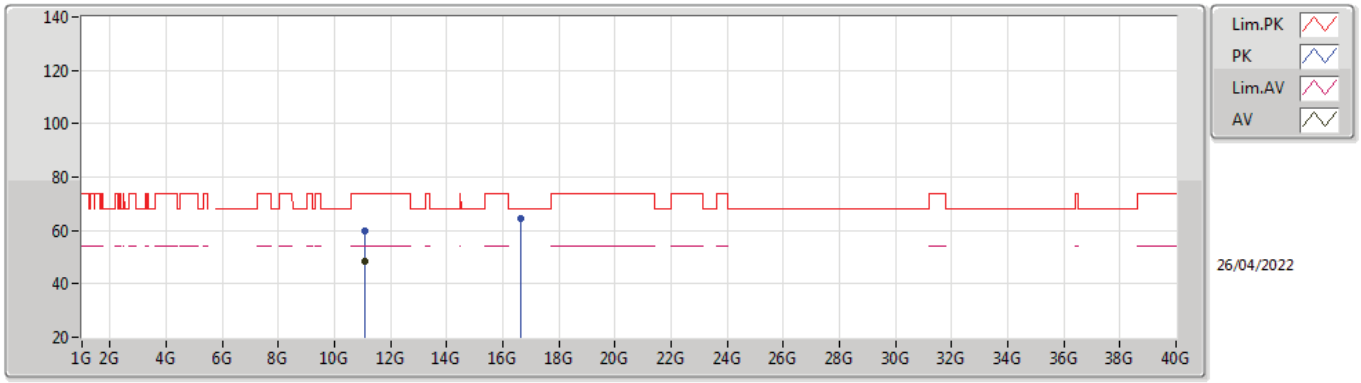
5540MHz_TnomVnom



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	51.87	54.00	-2.13	5.13	3	Horizontal	336	1.00	-	46.74	32.82	7.08	34.77
AV	5.5384G	111.62	Inf	-Inf	5.24	3	Horizontal	336	1.00	-	106.38	32.98	7.03	34.77
PK	5.4628G	66.94	68.20	-1.26	5.14	3	Horizontal	336	1.00	-	61.80	32.83	7.08	34.77
PK	5.5376G	119.87	Inf	-Inf	5.24	3	Horizontal	336	1.00	-	114.63	32.98	7.03	34.77

802.11a_Nss1,(6Mbps)_2TX

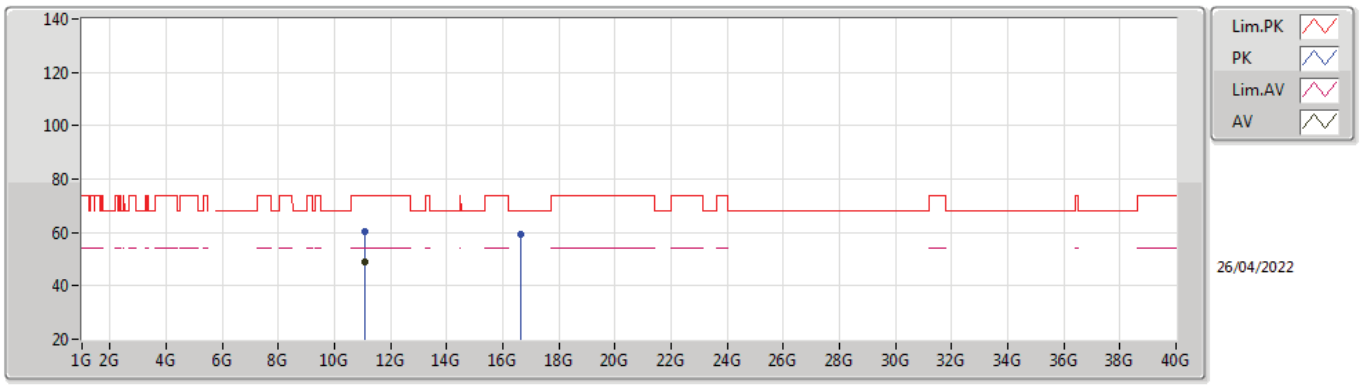
5540MHz_TnomVnom



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	11.08098G	48.68	54.00	-5.32	13.13	3	Vertical	326	2.19	-	35.55	38.62	9.23	34.72
PK	11.07992G	59.96	74.00	-14.04	13.13	3	Vertical	326	2.19	-	46.83	38.62	9.23	34.72
PK	16.61612G	64.46	68.20	-3.74	16.30	3	Vertical	266	3.00	-	48.16	38.27	12.74	34.71

802.11a_Nss1,(6Mbps)_2TX

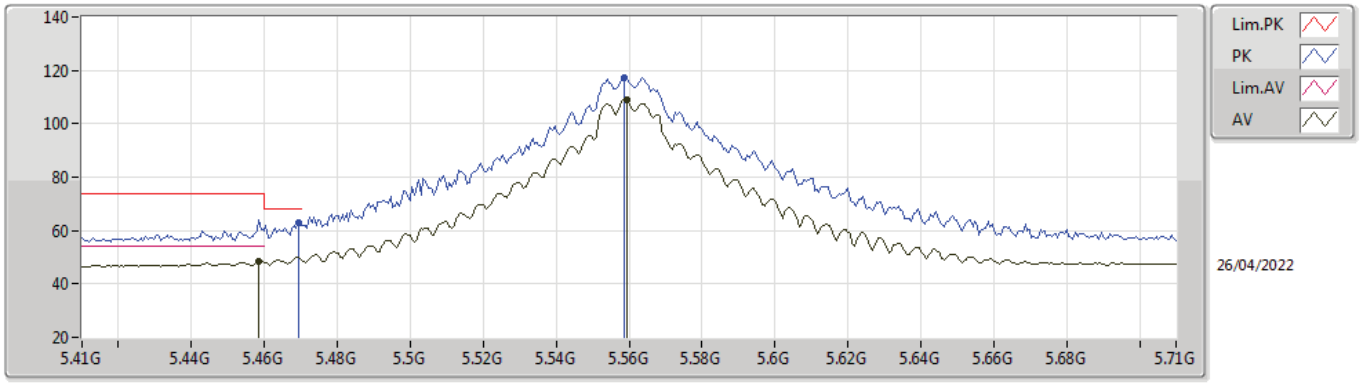
5540MHz_TnomVnom



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	11.0783G	48.96	54.00	-5.04	13.13	3	Horizontal	360	1.02	-	35.83	38.62	9.23	34.72
PK	11.0781G	60.47	74.00	-13.53	13.13	3	Horizontal	360	1.02	-	47.34	38.62	9.23	34.72
PK	16.61998G	59.29	68.20	-8.91	16.30	3	Horizontal	320	2.24	-	42.99	38.26	12.74	34.70

802.11a_Nss1,(6Mbps)_2TX

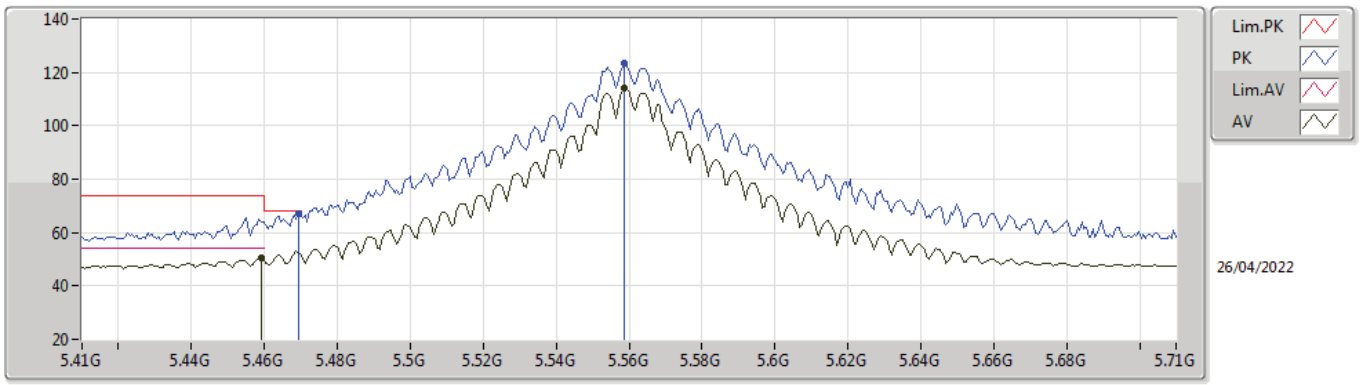
5560MHz_TnomVnom



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	5.4586G	48.50	54.00	-5.50	5.13	3	Vertical	305	1.93	-	43.37	32.82	7.08	34.77
AV	5.5594G	108.95	Inf	-Inf	5.25	3	Vertical	305	1.93	-	103.70	33.00	7.02	34.77
PK	5.4694G	62.80	68.20	-5.40	5.14	3	Vertical	305	1.93	-	57.66	32.84	7.07	34.77
PK	5.5588G	117.46	Inf	-Inf	5.25	3	Vertical	305	1.93	-	112.21	33.00	7.02	34.77

802.11a_Nss1,(6Mbps)_2TX

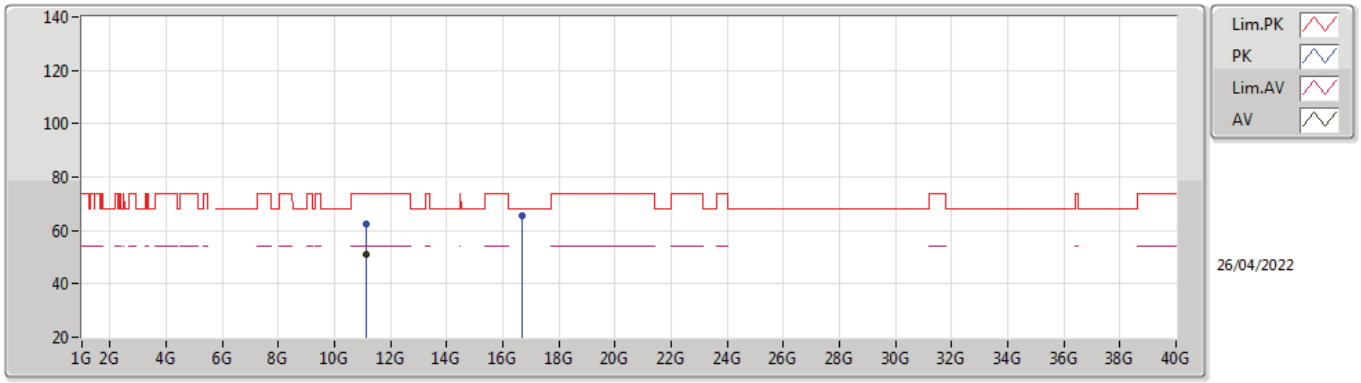
5560MHz_TnomVnom



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	5.4592G	50.27	54.00	-3.73	5.13	3	Horizontal	334	2.74	-	45.14	32.82	7.08	34.77
AV	5.5588G	114.04	Inf	-Inf	5.25	3	Horizontal	334	2.74	-	108.79	33.00	7.02	34.77
PK	5.4694G	66.91	68.20	-1.29	5.14	3	Horizontal	334	2.74	-	61.77	32.84	7.07	34.77
PK	5.5588G	123.23	Inf	-Inf	5.25	3	Horizontal	334	2.74	-	117.98	33.00	7.02	34.77

802.11a_Nss1,(6Mbps)_2TX

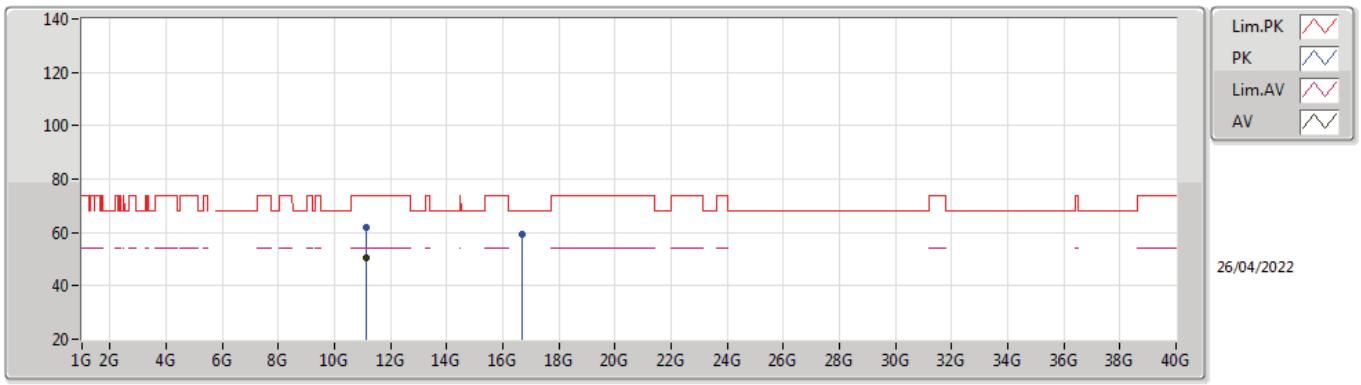
5560MHz_TnomVnom



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	11.11963G	50.89	54.00	-3.11	13.15	3	Vertical	330	2.55	-	37.74	38.62	9.24	34.71
PK	11.12108G	62.33	74.00	-11.67	13.15	3	Vertical	330	2.55	-	49.18	38.62	9.24	34.71
PK	16.68043G	65.63	68.20	-2.57	16.32	3	Vertical	262	3.00	-	49.31	38.14	12.76	34.58

802.11a_Nss1,(6Mbps)_2TX

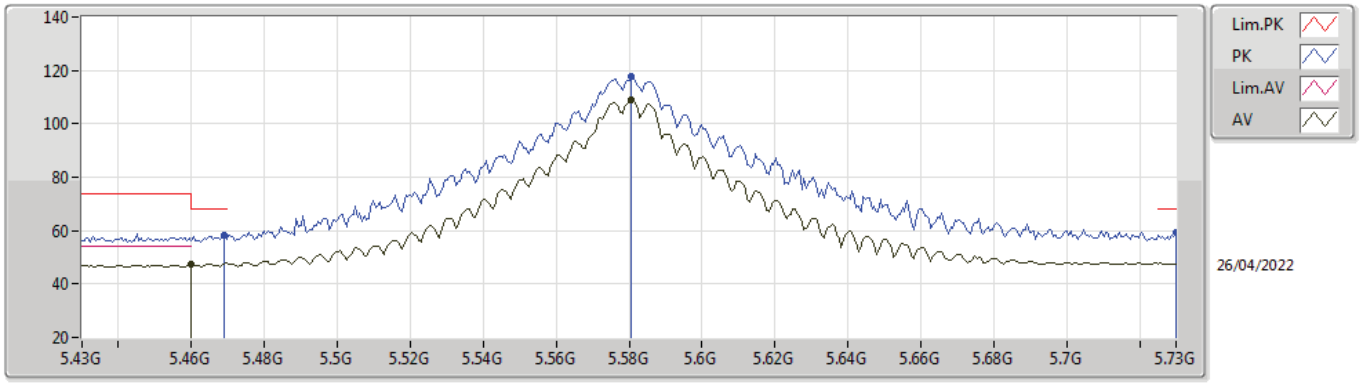
5560MHz_TnomVnom



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	11.11804G	50.51	54.00	-3.49	13.15	3	Horizontal	354	1.00	-	37.36	38.62	9.24	34.71
PK	11.11392G	61.81	74.00	-12.19	13.14	3	Horizontal	354	1.00	-	48.67	38.61	9.24	34.71
PK	16.68209G	59.21	68.20	-8.99	16.32	3	Horizontal	258	3.00	-	42.89	38.14	12.76	34.58

802.11a_Nss1,(6Mbps)_2TX

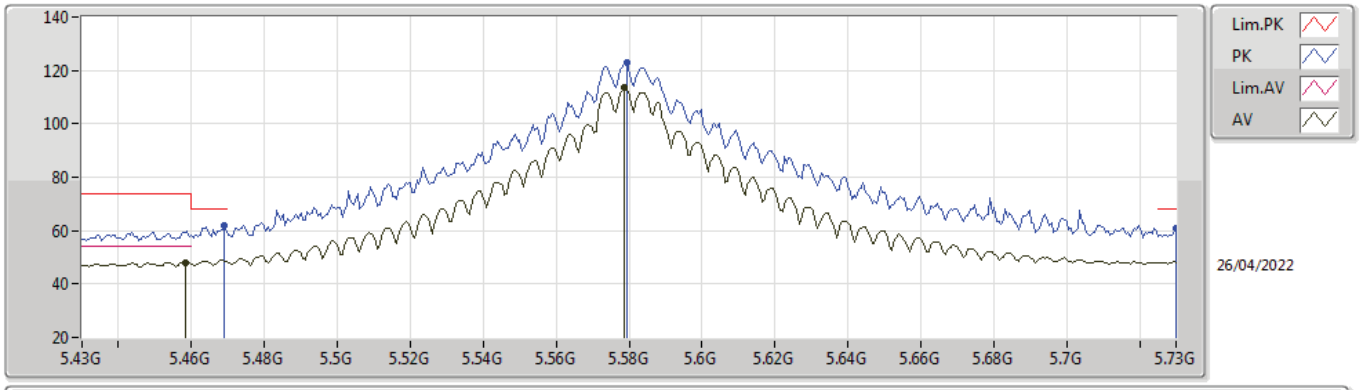
5580MHz_TnomVnom



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	47.26	54.00	-6.74	5.13	3	Vertical	300	2.39	-	42.13	32.82	7.08	34.77
AV	5.5806G	109.16	Inf	-Inf	5.23	3	Vertical	300	2.39	-	103.93	33.00	7.00	34.77
PK	5.469G	58.06	68.20	-10.14	5.15	3	Vertical	300	2.39	-	52.91	32.84	7.08	34.77
PK	5.5806G	118.00	Inf	-Inf	5.23	3	Vertical	300	2.39	-	112.77	33.00	7.00	34.77
PK	5.73G	59.15	68.20	-9.05	5.69	3	Vertical	300	2.39	-	53.46	33.52	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

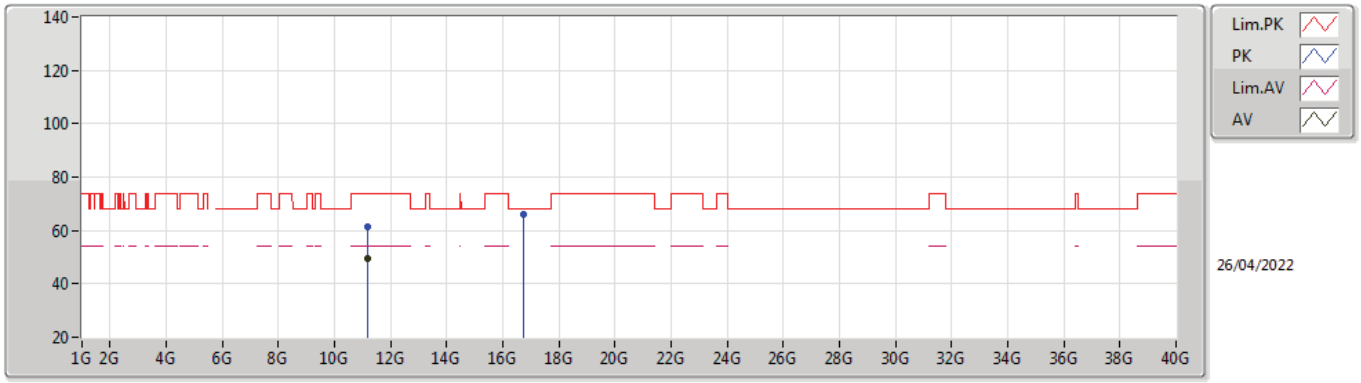
5580MHz_TnomVnom



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	48.16	54.00	-5.84	5.13	3	Horizontal	333	2.47	-	43.03	32.82	7.08	34.77
AV	5.5788G	113.45	Inf	-Inf	5.23	3	Horizontal	333	2.47	-	108.22	33.00	7.00	34.77
PK	5.469G	62.14	68.20	-6.06	5.15	3	Horizontal	333	2.47	-	56.99	32.84	7.08	34.77
PK	5.5794G	122.73	Inf	-Inf	5.23	3	Horizontal	333	2.47	-	117.50	33.00	7.00	34.77
PK	5.73G	61.04	68.20	-7.16	5.69	3	Horizontal	333	2.47	-	55.35	33.52	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

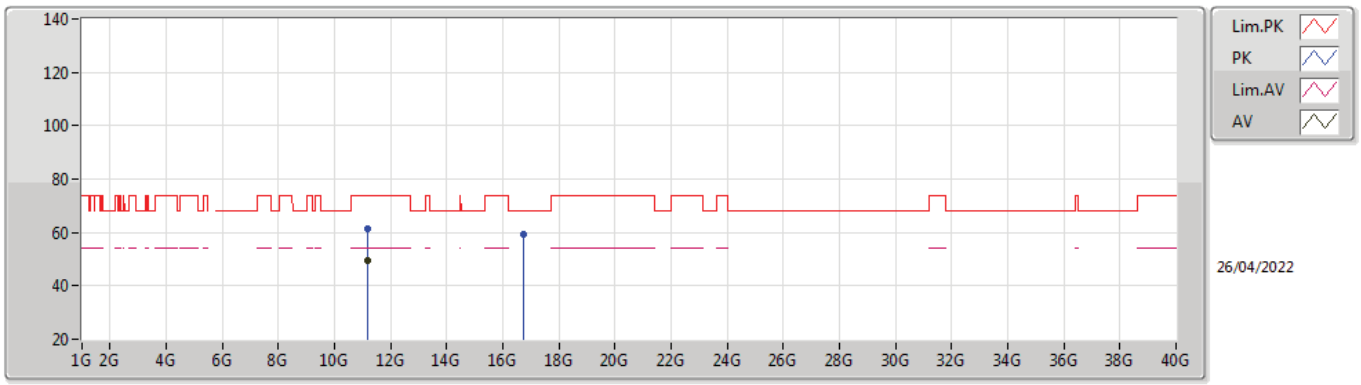
5580MHz_TnomVnom



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	11.15938G	49.62	54.00	-4.38	13.21	3	Vertical	315	1.11	-	36.41	38.66	9.25	34.70
PK	11.15919G	61.56	74.00	-12.44	13.21	3	Vertical	315	1.11	-	48.35	38.66	9.25	34.70
PK	16.74117G	65.80	68.20	-2.40	16.49	3	Vertical	264	3.00	-	49.31	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

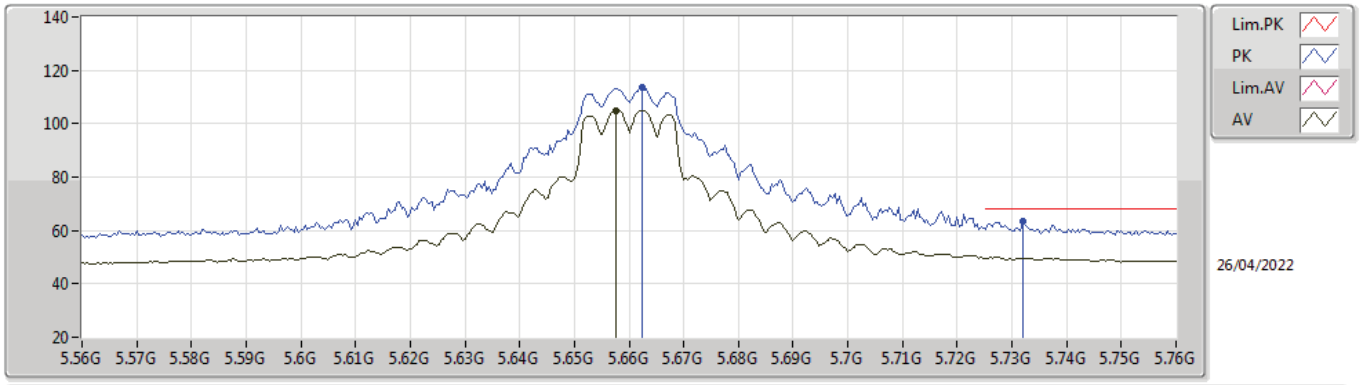
5580MHz_TnomVnom



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	11.15908G	49.50	54.00	-4.50	13.21	3	Horizontal	360	1.00	-	36.29	38.66	9.25	34.70
PK	11.16024G	61.24	74.00	-12.76	13.21	3	Horizontal	360	1.00	-	48.03	38.66	9.25	34.70
PK	16.74075G	59.37	68.20	-8.83	16.49	3	Horizontal	311	1.22	-	42.88	38.18	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

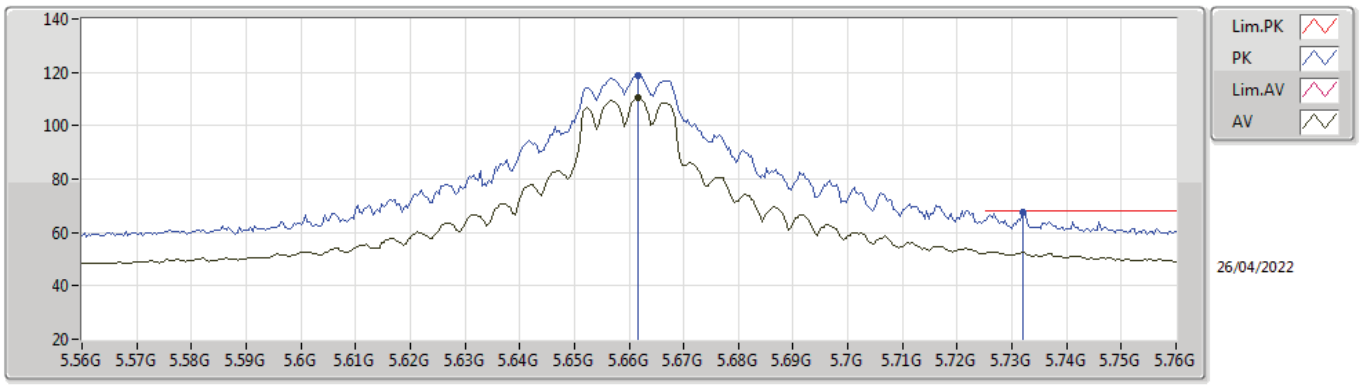
5660MHz_TnomVnom



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	5.6576G	105.05	Inf	-Inf	5.26	3	Vertical	304	2.37	-	99.79	33.06	6.97	34.77
PK	5.6624G	113.39	Inf	-Inf	5.30	3	Vertical	304	2.37	-	108.09	33.10	6.97	34.77
PK	5.732G	63.45	68.20	-4.75	5.70	3	Vertical	304	2.37	-	57.75	33.53	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

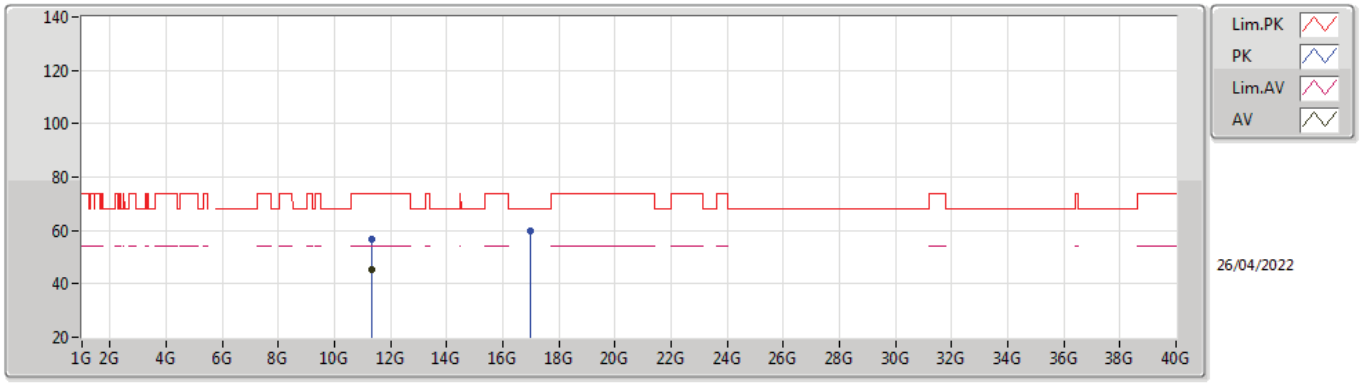
5660MHz_TnomVnom



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	5.6616G	110.36	Inf	-Inf	5.29	3	Horizontal	333	2.53	-	105.07	33.09	6.97	34.77
PK	5.6616G	118.92	Inf	-Inf	5.29	3	Horizontal	333	2.53	-	113.63	33.09	6.97	34.77
PK	5.732G	67.40	68.20	-0.80	5.70	3	Horizontal	333	2.53	-	61.70	33.53	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

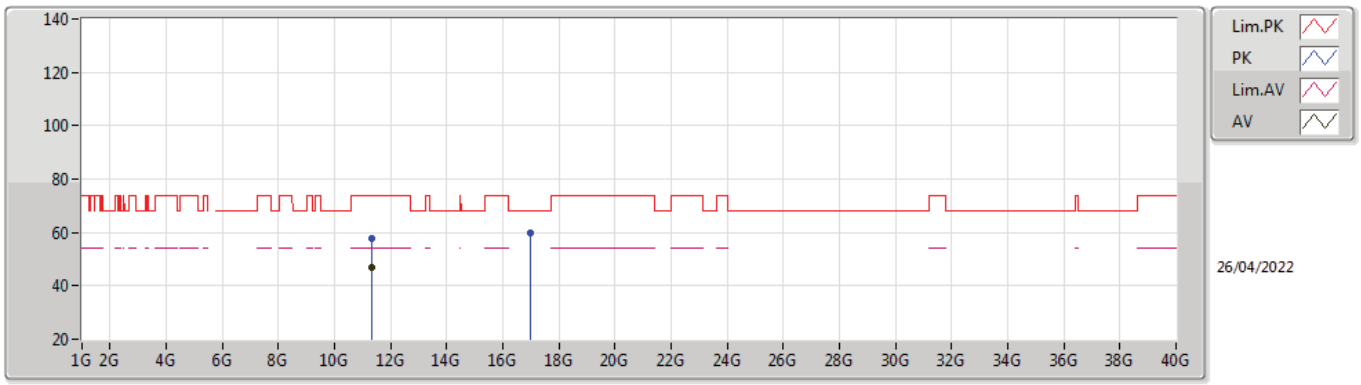
5660MHz_TnomVnom



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	11.32376G	45.31	54.00	-8.69	13.55	3	Vertical	312	1.00	-	31.76	38.90	9.31	34.66
PK	11.31944G	56.76	74.00	-17.24	13.55	3	Vertical	312	1.00	-	43.21	38.90	9.31	34.66
PK	16.97896G	59.87	68.20	-8.33	16.88	3	Vertical	150	1.29	-	42.99	38.02	12.84	33.98

802.11a_Nss1,(6Mbps)_2TX

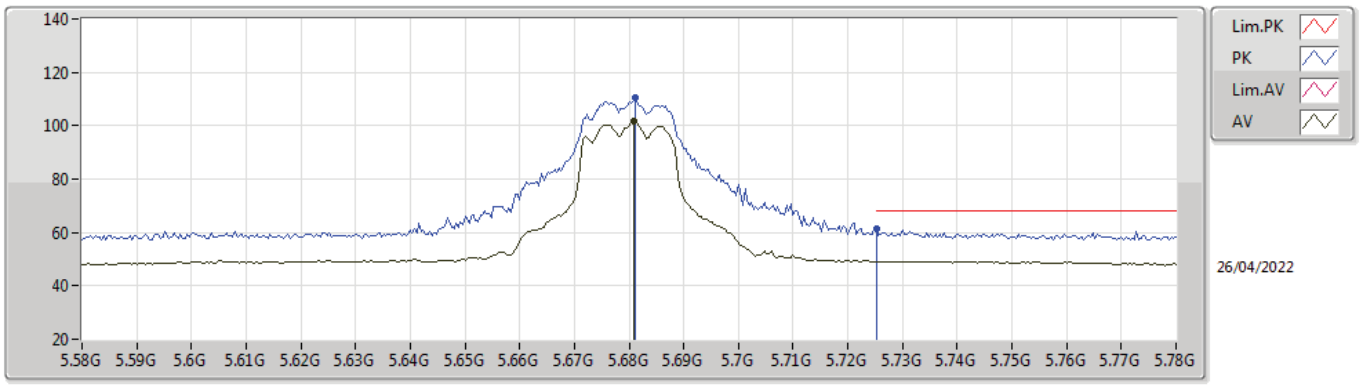
5660MHz_TnomVnom



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	11.31848G	46.80	54.00	-7.20	13.55	3	Horizontal	26	1.00	-	33.25	38.90	9.31	34.66
PK	11.32256G	57.93	74.00	-16.07	13.55	3	Horizontal	26	1.00	-	44.38	38.90	9.31	34.66
PK	16.97779G	60.07	68.20	-8.13	16.88	3	Horizontal	278	1.10	-	43.19	38.02	12.84	33.98

802.11a_Nss1,(6Mbps)_2TX

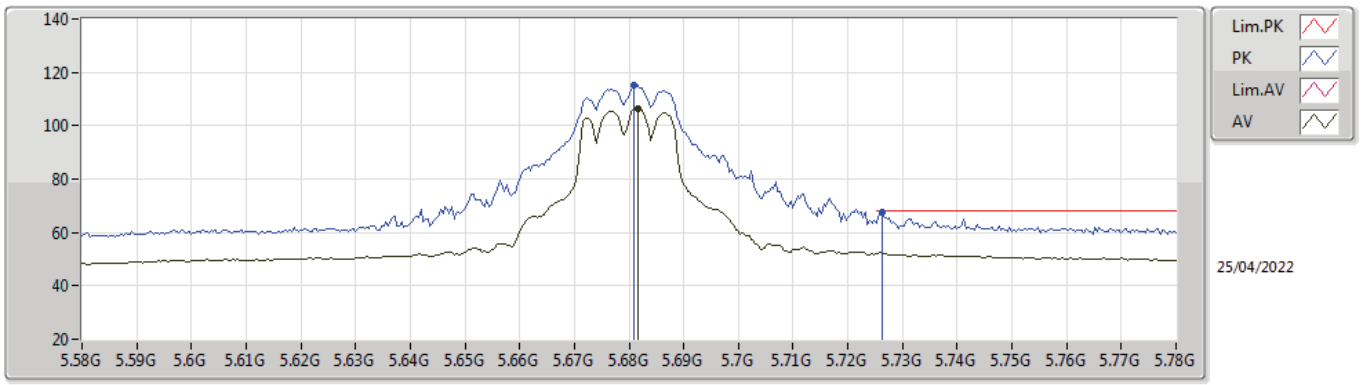
5680MHz_TnomVnom



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	5.6808G	101.60	Inf	-Inf	5.44	3	Vertical	309	2.00	-	96.16	33.25	6.96	34.77
PK	5.6812G	110.31	Inf	-Inf	5.44	3	Vertical	309	2.00	-	104.87	33.25	6.96	34.77
PK	5.7252G	61.53	68.20	-6.67	5.67	3	Vertical	309	2.00	-	55.86	33.50	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

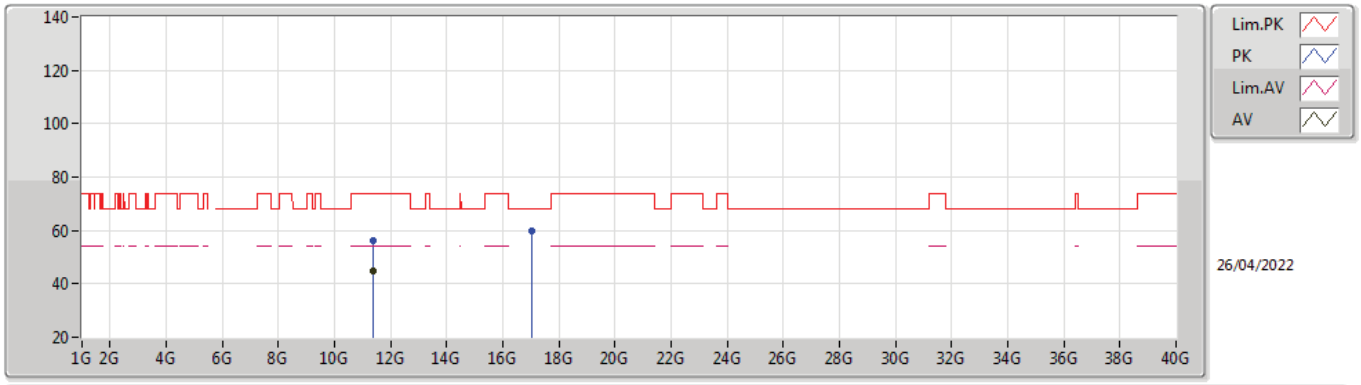
5680MHz_TnomVnom



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	5.6816G	106.62	Inf	-Inf	5.44	3	Horizontal	332	2.64	-	101.18	33.25	6.96	34.77
PK	5.6808G	115.04	Inf	-Inf	5.44	3	Horizontal	332	2.64	-	109.60	33.25	6.96	34.77
PK	5.7264G	67.37	68.20	-0.83	5.68	3	Horizontal	332	2.64	-	61.69	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

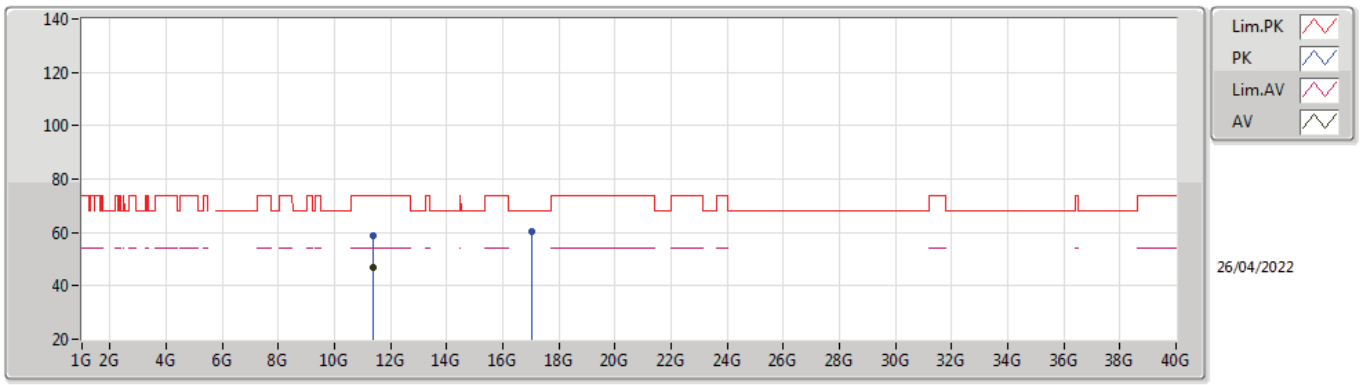
5680MHz_TnomVnom



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	11.35816G	45.01	54.00	-8.99	13.57	3	Vertical	309	1.00	-	31.44	38.90	9.32	34.65
PK	11.35904G	56.33	74.00	-17.67	13.57	3	Vertical	309	1.00	-	42.76	38.90	9.32	34.65
PK	17.04237G	60.05	68.20	-8.15	16.86	3	Vertical	65	2.01	-	43.19	38.00	12.86	34.00

802.11a_Nss1,(6Mbps)_2TX

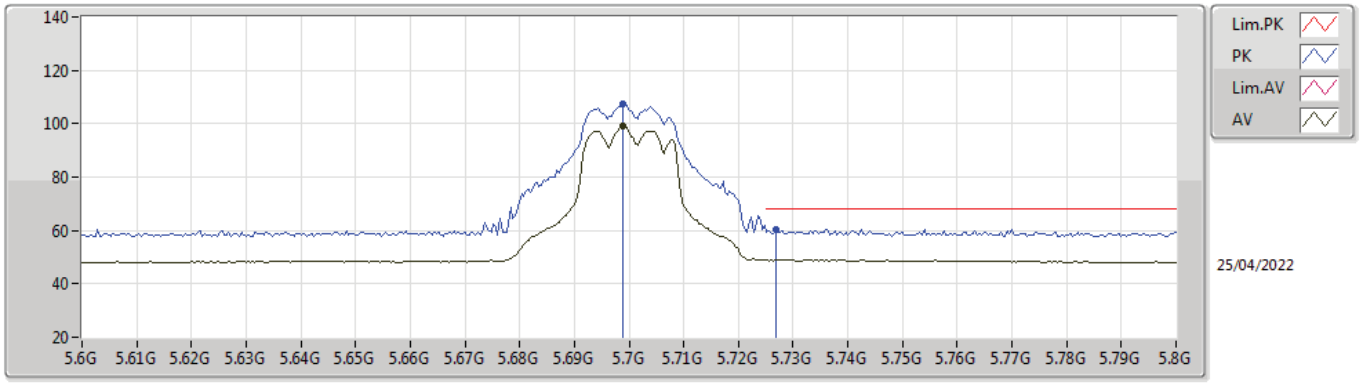
5680MHz_TnomVnom



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	11.36336G	47.11	54.00	-6.89	13.57	3	Horizontal	12	1.05	-	33.54	38.90	9.32	34.65
PK	11.35824G	58.61	74.00	-15.39	13.57	3	Horizontal	12	1.05	-	45.04	38.90	9.32	34.65
PK	17.04109G	60.12	68.20	-8.08	16.86	3	Horizontal	126	1.81	-	43.26	38.00	12.86	34.00

802.11a_Nss1,(6Mbps)_2TX

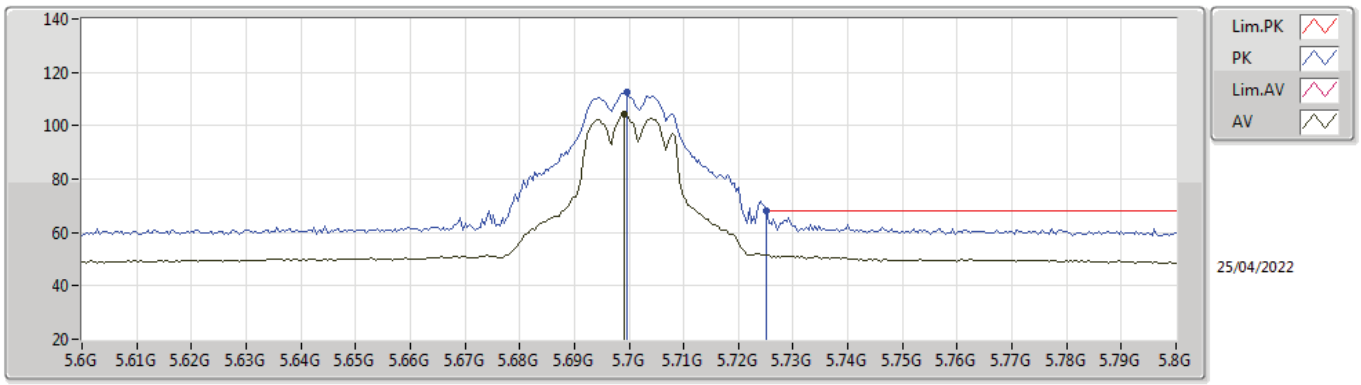
5700MHz_TnomVnom



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	5.6988G	98.88	Inf	-Inf	5.57	3	Vertical	308	2.23	-	93.31	33.39	6.95	34.77
PK	5.6988G	107.26	Inf	-Inf	5.57	3	Vertical	308	2.23	-	101.69	33.39	6.95	34.77
PK	5.7268G	60.37	68.20	-7.83	5.68	3	Vertical	308	2.23	-	54.69	33.51	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

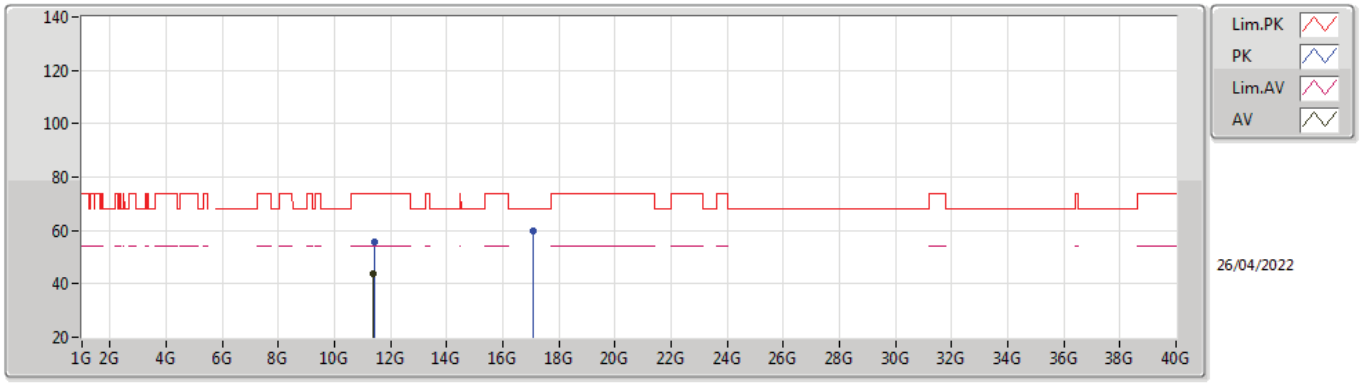
5700MHz_TnomVnom



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	5.6992G	104.36	Inf	-Inf	5.57	3	Horizontal	334	2.65	-	98.79	33.39	6.95	34.77
PK	5.6996G	112.79	Inf	-Inf	5.58	3	Horizontal	334	2.65	-	107.21	33.40	6.95	34.77
PK	5.7252G	68.09	68.20	-0.11	5.67	3	Horizontal	334	2.65	-	62.42	33.50	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

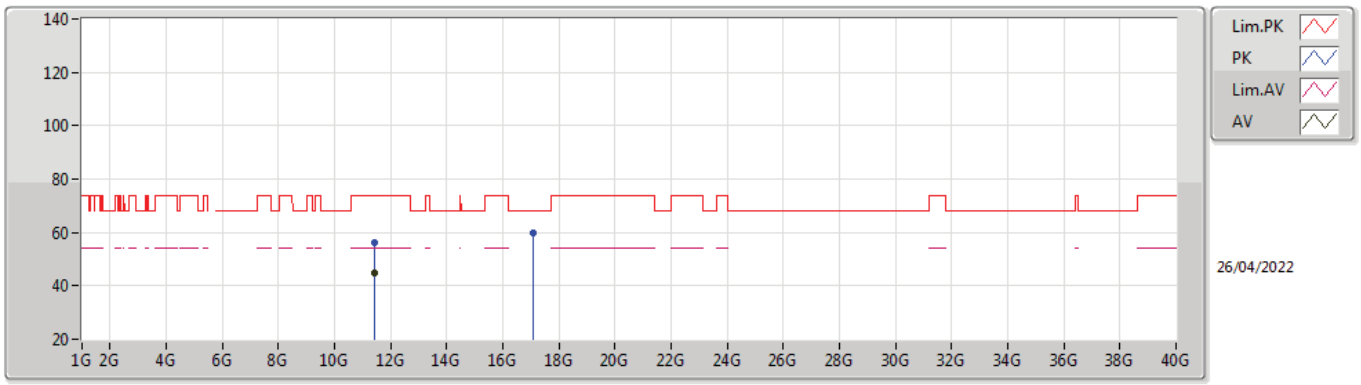
5700MHz_TnomVnom



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	11.39432G	43.57	54.00	-10.43	13.59	3	Vertical	138	1.50	-	29.98	38.90	9.33	34.64
PK	11.41984G	55.52	74.00	-18.48	13.57	3	Vertical	138	1.50	-	41.95	38.86	9.34	34.63
PK	17.09942G	59.71	68.20	-8.49	16.81	3	Vertical	78	1.42	-	42.90	38.00	12.88	34.07

802.11a_Nss1,(6Mbps)_2TX

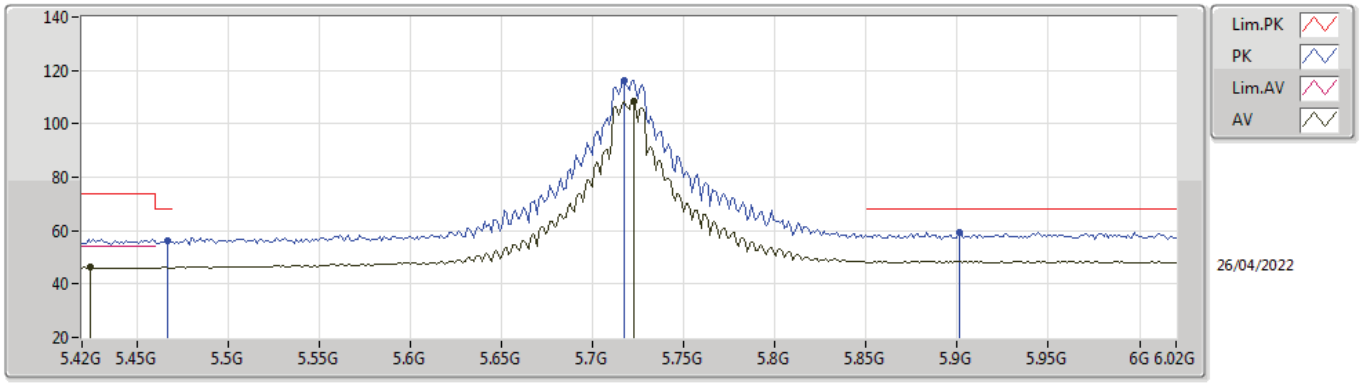
5700MHz_TnomVnom



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	11.40336G	44.86	54.00	-9.14	13.58	3	Horizontal	25	1.01	-	31.28	38.89	9.33	34.64
PK	11.40432G	56.35	74.00	-17.65	13.59	3	Horizontal	25	1.01	-	42.76	38.89	9.33	34.63
PK	17.10146G	60.02	68.20	-8.18	16.80	3	Horizontal	191	1.65	-	43.22	38.00	12.88	34.08

802.11a_Nss1,(6Mbps)_2TX

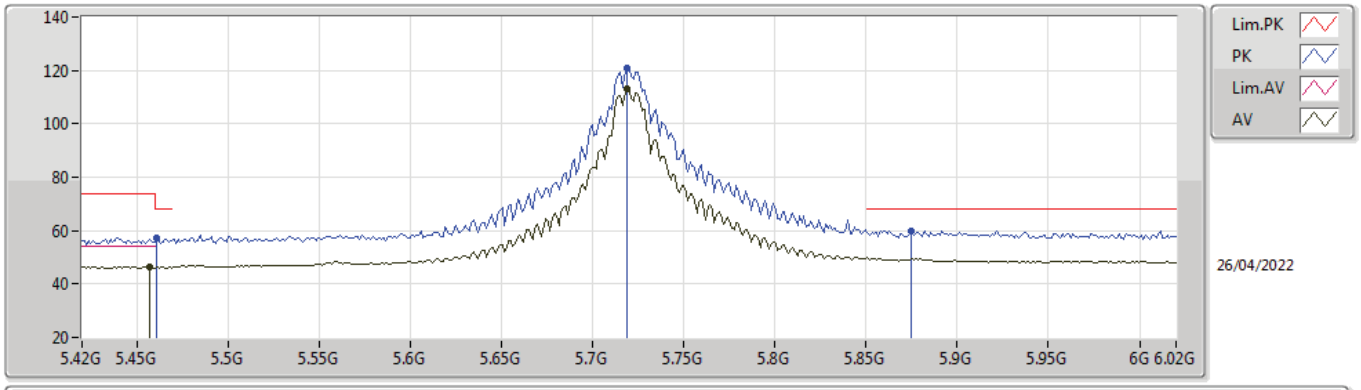
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4248G	46.20	54.00	-7.80	5.23	3	Vertical	285	3.00	-	40.97	32.90	7.10	34.77
AV	5.7224G	108.49	Inf	-Inf	5.66	3	Vertical	285	3.00	-	102.83	33.49	6.94	34.77
PK	5.4668G	56.33	68.20	-11.87	5.14	3	Vertical	285	3.00	-	51.19	32.83	7.08	34.77
PK	5.7176G	116.30	Inf	-Inf	5.64	3	Vertical	285	3.00	-	110.66	33.47	6.94	34.77
PK	5.9012G	59.23	68.20	-8.97	6.89	3	Vertical	285	3.00	-	52.34	34.30	7.36	34.77

802.11a_Nss1,(6Mbps)_2TX

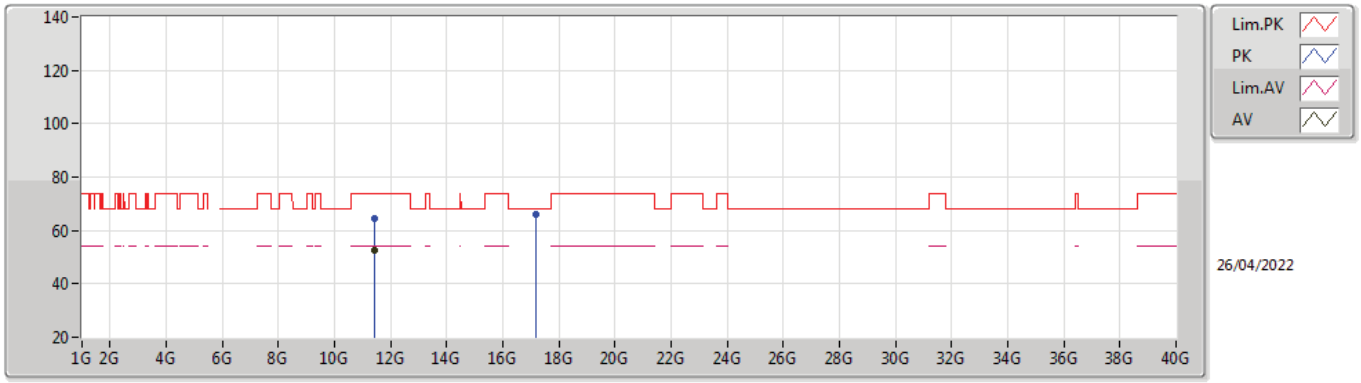
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4572G	46.45	54.00	-7.55	5.12	3	Horizontal	326	2.60	-	41.33	32.81	7.08	34.77
AV	5.7188G	113.14	Inf	-Inf	5.65	3	Horizontal	326	2.60	-	107.49	33.48	6.94	34.77
PK	5.4608G	57.08	68.20	-11.12	5.13	3	Horizontal	326	2.60	-	51.95	32.82	7.08	34.77
PK	5.7188G	120.73	Inf	-Inf	5.65	3	Horizontal	326	2.60	-	115.08	33.48	6.94	34.77
PK	5.8748G	59.96	68.20	-8.24	6.67	3	Horizontal	326	2.60	-	53.29	34.20	7.24	34.77

802.11a_Nss1,(6Mbps)_2TX

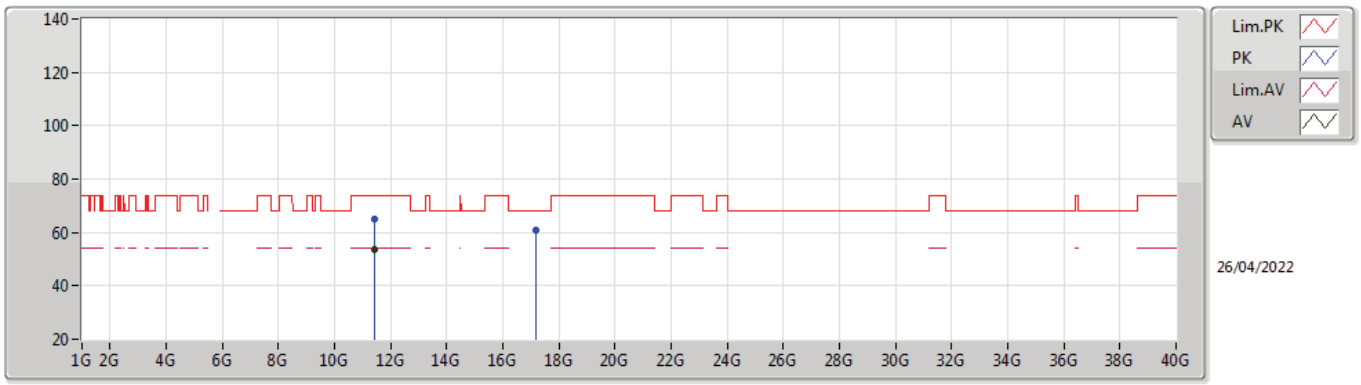
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.43832G	52.58	54.00	-1.42	13.53	3	Vertical	327	2.30	-	39.05	38.82	9.34	34.63
PK	11.4424G	64.23	74.00	-9.77	13.55	3	Vertical	327	2.30	-	50.68	38.82	9.35	34.62
PK	17.16624G	66.01	68.20	-2.19	16.94	3	Vertical	262	2.92	-	49.07	38.20	12.90	34.16

802.11a_Nss1,(6Mbps)_2TX

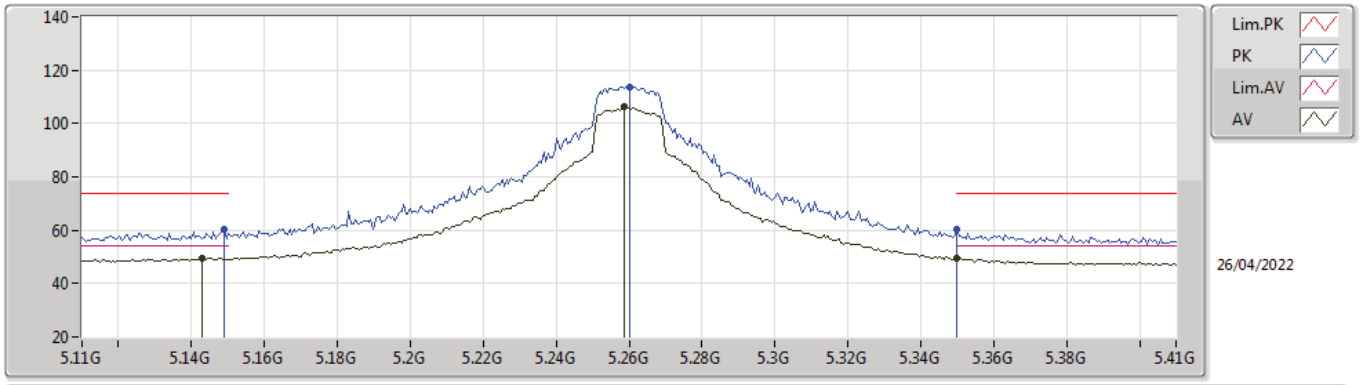
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.44348G	53.58	54.00	-0.42	13.54	3	Horizontal	347	2.37	-	40.04	38.81	9.35	34.62
PK	11.44308G	64.94	74.00	-9.06	13.54	3	Horizontal	347	2.37	-	51.40	38.81	9.35	34.62
PK	17.15974G	60.75	68.20	-7.45	16.93	3	Horizontal	209	1.95	-	43.82	38.18	12.90	34.15

802.11ac VHT20_Nss2,(MCS0)_2TX

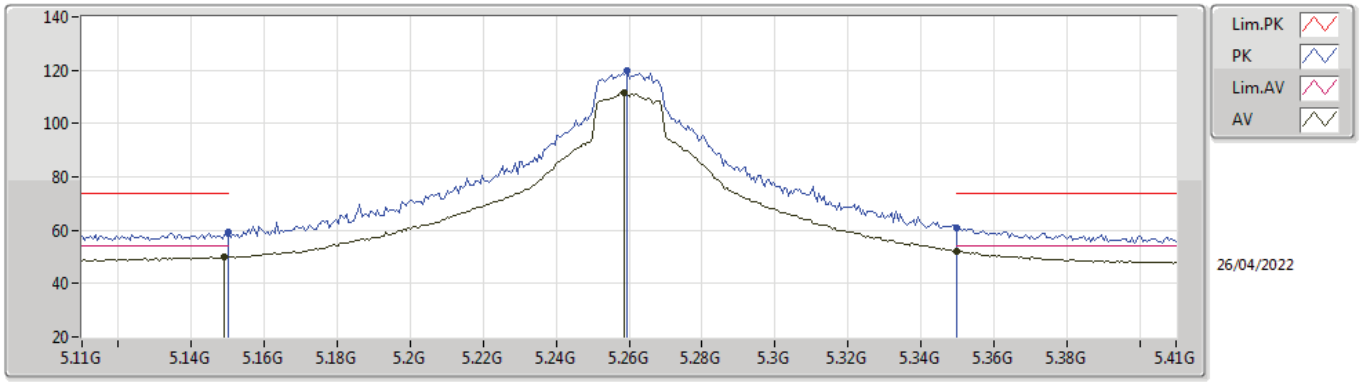
5260MHz_TnomVnom



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	5.143G	49.60	54.00	-4.40	5.20	3	Vertical	284	2.87	-	44.40	33.09	6.87	34.76
AV	5.2588G	106.58	Inf	-Inf	5.25	3	Vertical	284	2.87	-	101.33	33.06	6.96	34.77
AV	5.35G	49.56	54.00	-4.44	4.99	3	Vertical	284	2.87	-	44.57	32.70	7.06	34.77
PK	5.149G	60.21	74.00	-13.79	5.21	3	Vertical	284	2.87	-	55.00	33.10	6.87	34.76
PK	5.26G	113.87	Inf	-Inf	5.25	3	Vertical	284	2.87	-	108.62	33.06	6.96	34.77
PK	5.35G	60.28	74.00	-13.72	4.99	3	Vertical	284	2.87	-	55.29	32.70	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

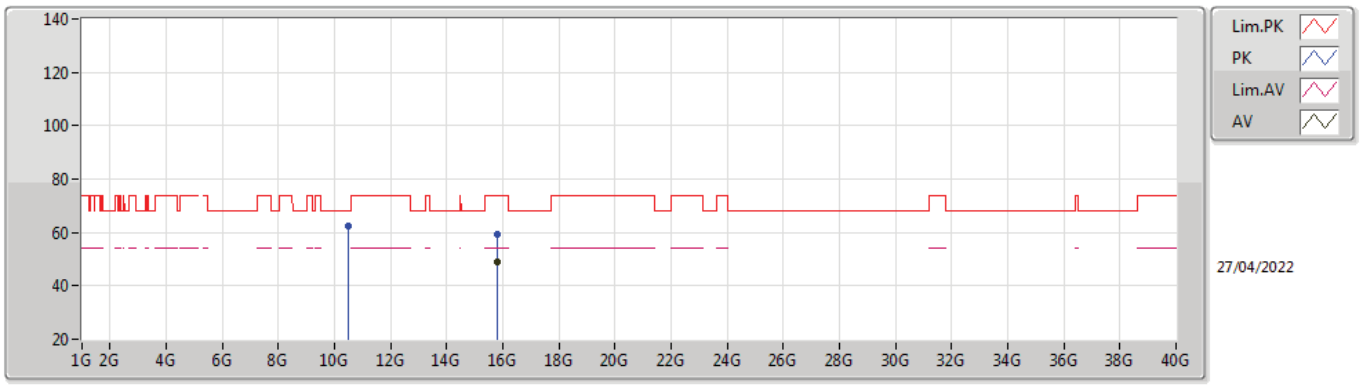
5260MHz_TnomVnom



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	5.149G	50.08	54.00	-3.92	5.21	3	Horizontal	320	1.00	-	44.87	33.10	6.87	34.76
AV	5.2588G	111.55	Inf	-Inf	5.25	3	Horizontal	320	1.00	-	106.30	33.06	6.96	34.77
AV	5.35G	52.04	54.00	-1.96	4.99	3	Horizontal	320	1.00	-	47.05	32.70	7.06	34.77
PK	5.15G	59.38	74.00	-14.62	5.21	3	Horizontal	320	1.00	-	54.17	33.10	6.87	34.76
PK	5.2594G	119.90	Inf	-Inf	5.25	3	Horizontal	320	1.00	-	114.65	33.06	6.96	34.77
PK	5.35G	60.84	74.00	-13.16	4.99	3	Horizontal	320	1.00	-	55.85	32.70	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

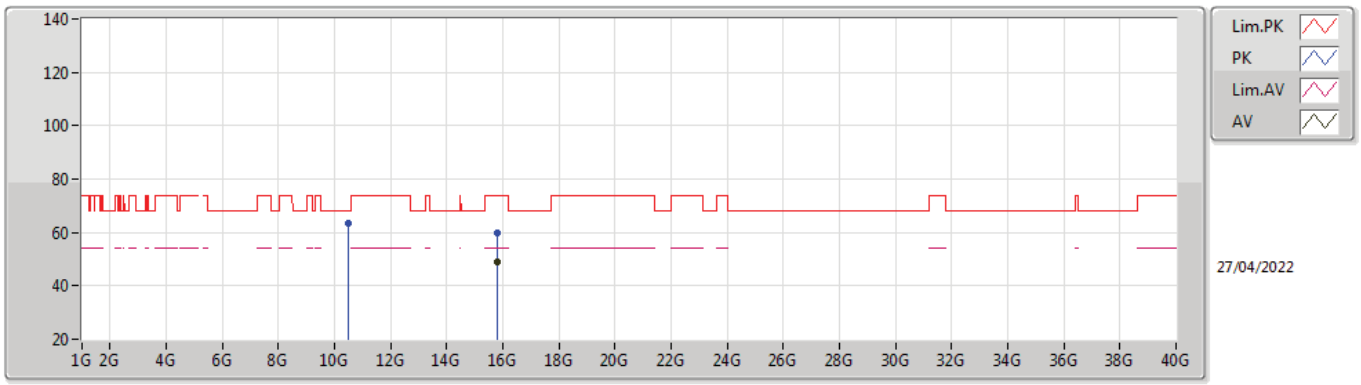
5260MHz_TnomVnom



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	15.78128G	49.16	54.00	-4.84	15.30	3	Vertical	101	2.96	-	33.86	38.02	12.34	35.06
PK	10.51624G	62.28	68.20	-5.92	12.80	3	Vertical	282	1.02	-	49.48	38.65	9.04	34.89
PK	15.78888G	59.41	74.00	-14.59	15.29	3	Vertical	101	2.96	-	44.12	38.01	12.35	35.07

802.11ac VHT20_Nss2,(MCS0)_2TX

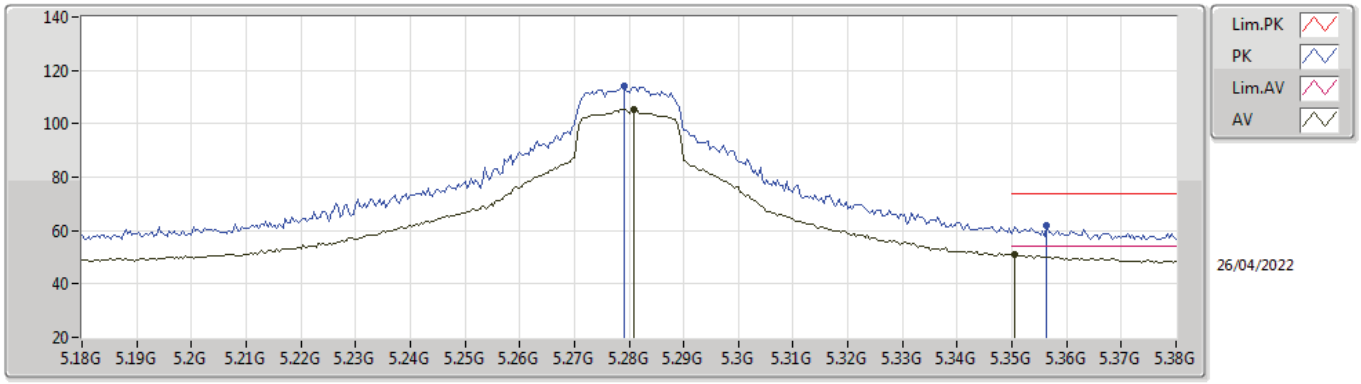
5260MHz_TnomVnom



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	15.78296G	48.92	54.00	-5.08	15.30	3	Horizontal	123	1.00	-	33.62	38.02	12.34	35.06
PK	10.51072G	63.36	68.20	-4.84	12.77	3	Horizontal	38	1.04	-	50.59	38.63	9.04	34.90
PK	15.78616G	59.98	74.00	-14.02	15.29	3	Horizontal	123	1.00	-	44.69	38.01	12.35	35.07

802.11ac VHT20_Nss2,(MCS0)_2TX

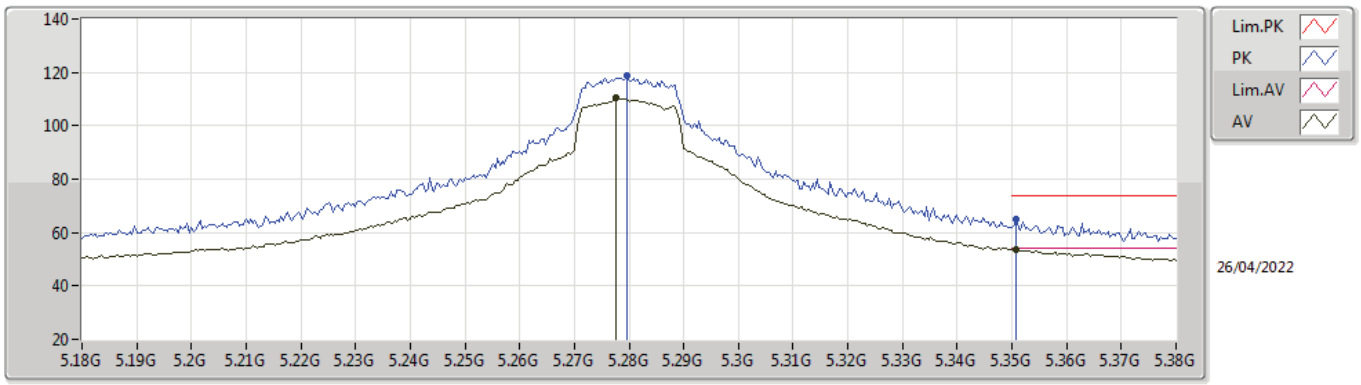
5280MHz_TnomVnom



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	5.2808G	105.43	Inf	-Inf	5.19	3	Vertical	315	1.88	-	100.24	32.98	6.98	34.77
AV	5.3504G	51.29	54.00	-2.71	4.99	3	Vertical	315	1.88	-	46.30	32.70	7.06	34.77
PK	5.2792G	114.05	Inf	-Inf	5.19	3	Vertical	315	1.88	-	108.86	32.98	6.98	34.77
PK	5.3564G	62.04	74.00	-11.96	5.04	3	Vertical	315	1.88	-	57.00	32.74	7.07	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

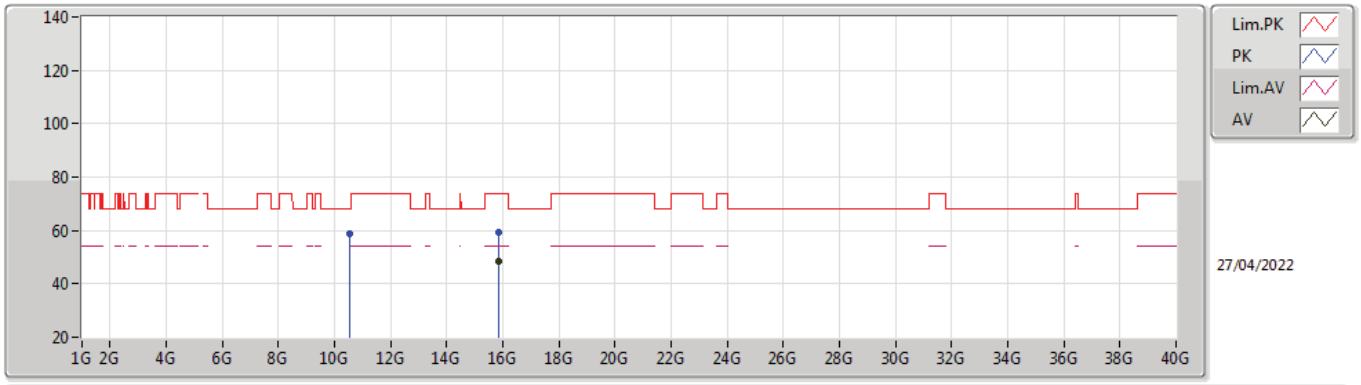
5280MHz_TnomVnom



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	5.3508G	53.55	54.00	-0.45	4.99	3	Horizontal	320	2.69	-	48.56	32.70	7.06	34.77
AV	5.2776G	110.43	Inf	-Inf	5.20	3	Horizontal	320	2.69	-	105.23	32.99	6.98	34.77
PK	5.2796G	118.81	Inf	-Inf	5.19	3	Horizontal	320	2.69	-	113.62	32.98	6.98	34.77
PK	5.3508G	65.00	74.00	-9.00	4.99	3	Horizontal	320	2.69	-	60.01	32.70	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

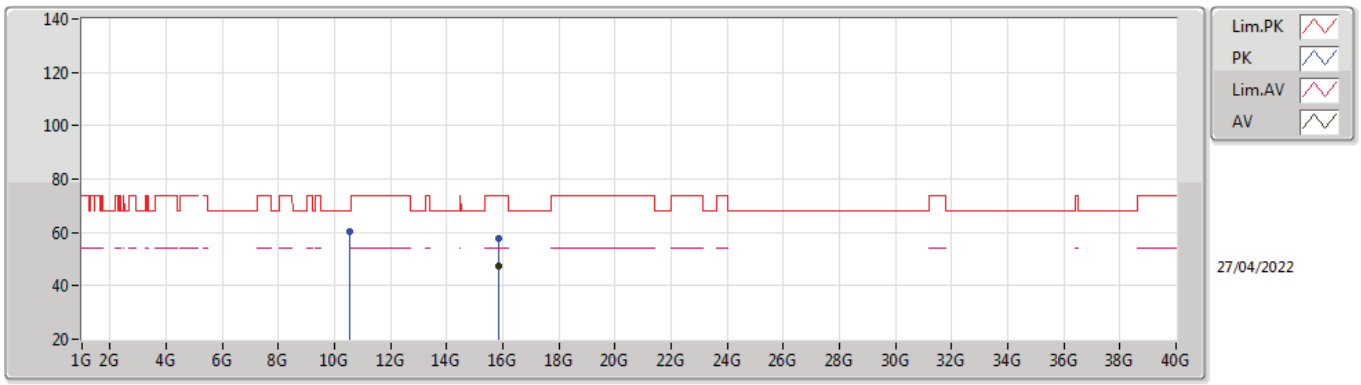
5280MHz_TnomVnom



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	15.84888G	48.19	54.00	-5.81	15.11	3	Vertical	73	2.74	-	33.08	37.80	12.41	35.10
PK	10.556G	58.94	68.20	-9.26	12.94	3	Vertical	284	1.00	-	46.00	38.77	9.05	34.88
PK	15.84104G	59.50	74.00	-14.50	15.14	3	Vertical	73	2.74	-	44.36	37.84	12.40	35.10

802.11ac VHT20_Nss2,(MCS0)_2TX

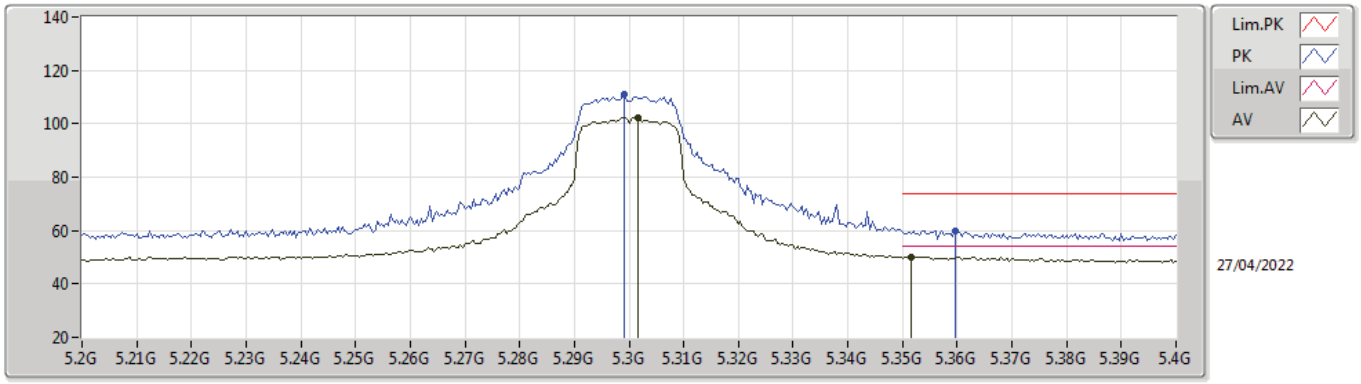
5280MHz_TnomVnom



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	15.84728G	47.67	54.00	-6.33	15.12	3	Horizontal	35	2.23	-	32.55	37.81	12.41	35.10
PK	10.5592G	60.52	68.20	-7.68	12.95	3	Horizontal	1	1.01	-	47.57	38.78	9.05	34.88
PK	15.85208G	57.85	74.00	-16.15	15.10	3	Horizontal	35	2.23	-	42.75	37.79	12.41	35.10

802.11ac VHT20_Nss2,(MCS0)_2TX

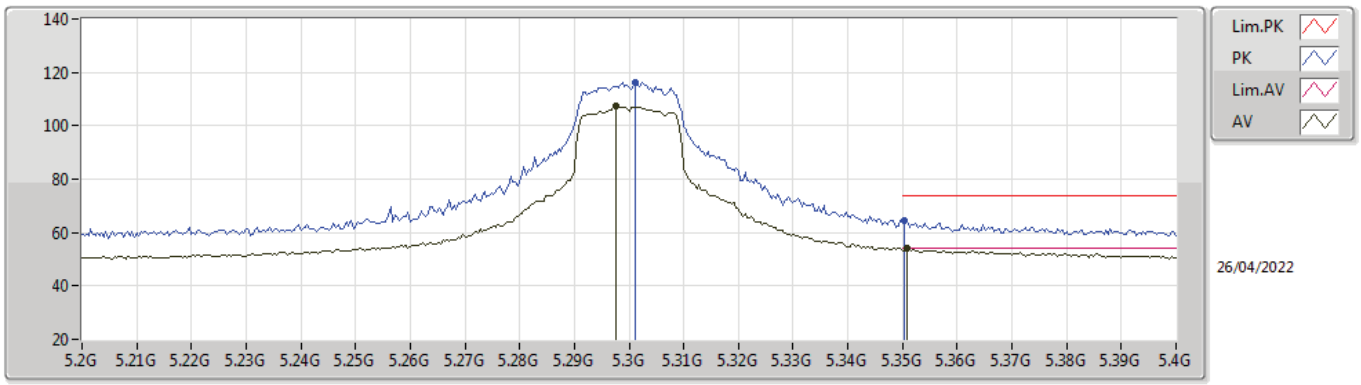
5300MHz_TnomVnom



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	5.3016G	102.17	Inf	-Inf	5.13	3	Vertical	315	2.12	-	97.04	32.89	7.01	34.77
AV	5.3516G	50.24	54.00	-3.76	5.00	3	Vertical	315	2.12	-	45.24	32.71	7.06	34.77
PK	5.2992G	111.29	Inf	-Inf	5.13	3	Vertical	315	2.12	-	106.16	32.90	7.00	34.77
PK	5.3596G	59.86	74.00	-14.14	5.06	3	Vertical	315	2.12	-	54.80	32.76	7.07	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

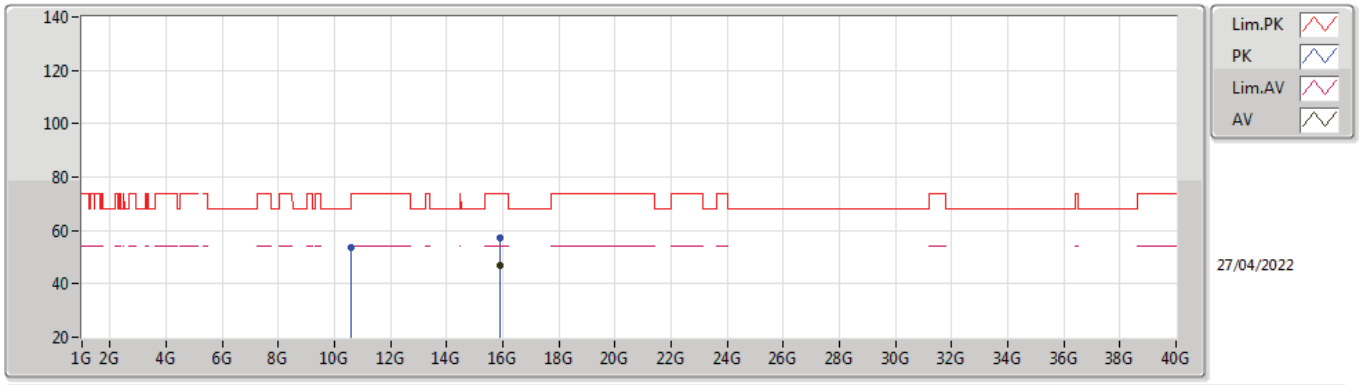
5300MHz_TnomVnom



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	5.2976G	107.23	Inf	-Inf	5.14	3	Horizontal	226	2.97	-	102.09	32.91	7.00	34.77
AV	5.3508G	53.89	54.00	-0.11	4.99	3	Horizontal	226	2.97	-	48.90	32.70	7.06	34.77
PK	5.3012G	116.25	Inf	-Inf	5.14	3	Horizontal	226	2.97	-	111.11	32.90	7.01	34.77
PK	5.3504G	64.56	74.00	-9.44	4.99	3	Horizontal	226	2.97	-	59.57	32.70	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

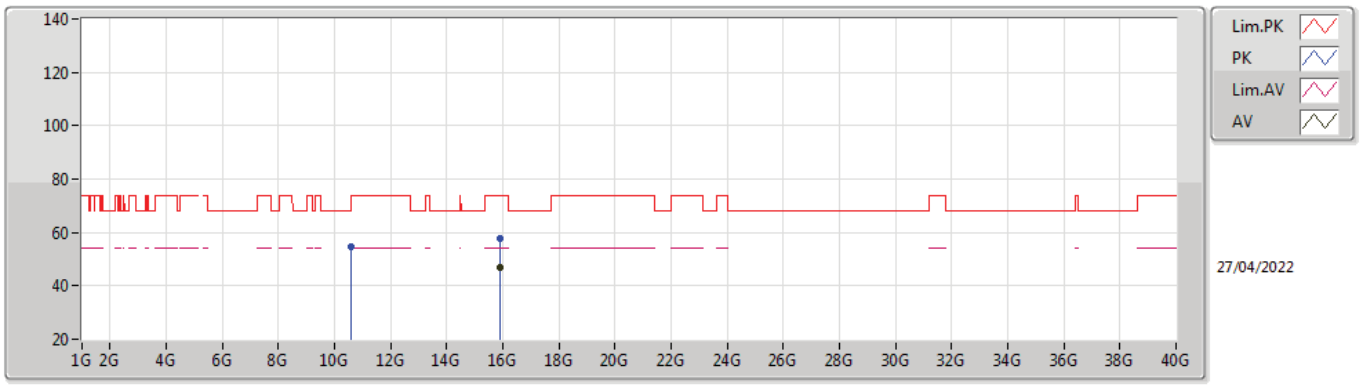
5300MHz_TnomVnom



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	15.89921G	47.02	54.00	-6.98	14.93	3	Vertical	345	2.21	-	32.09	37.60	12.46	35.13
PK	10.59496G	53.72	68.20	-14.48	13.08	3	Vertical	29	1.00	-	40.64	38.88	9.07	34.87
PK	15.90178G	57.30	74.00	-16.70	14.93	3	Vertical	345	2.21	-	42.37	37.60	12.46	35.13

802.11ac VHT20_Nss2,(MCS0)_2TX

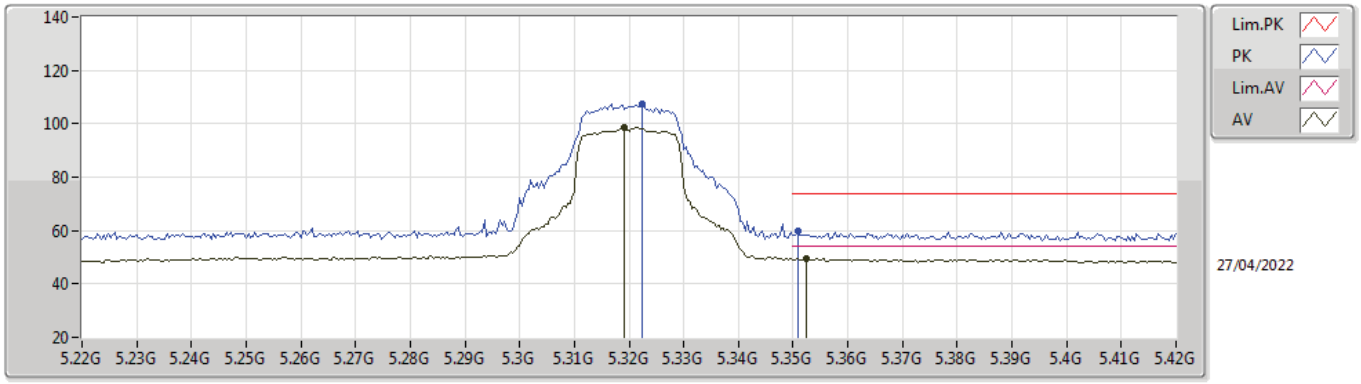
5300MHz_TnomVnom



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	15.89828G	47.12	54.00	-6.88	14.94	3	Horizontal	64	2.38	-	32.18	37.61	12.46	35.13
PK	10.59512G	54.73	68.20	-13.47	13.09	3	Horizontal	8	1.04	-	41.64	38.89	9.07	34.87
PK	15.8985G	57.63	74.00	-16.37	14.94	3	Horizontal	64	2.38	-	42.69	37.61	12.46	35.13

802.11ac VHT20_Nss2,(MCS0)_2TX

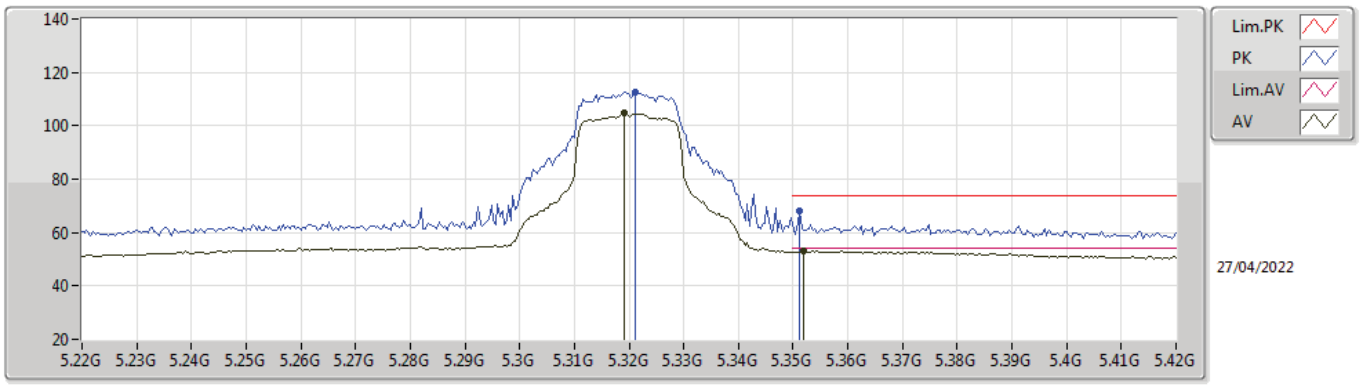
5320MHz_TnomVnom



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	5.3192G	98.64	Inf	-Inf	5.08	3	Vertical	313	1.97	-	93.56	32.82	7.03	34.77
AV	5.3524G	49.72	54.00	-4.28	5.01	3	Vertical	313	1.97	-	44.71	32.71	7.07	34.77
PK	5.3224G	107.18	Inf	-Inf	5.07	3	Vertical	313	1.97	-	102.11	32.81	7.03	34.77
PK	5.3508G	59.85	74.00	-14.15	4.99	3	Vertical	313	1.97	-	54.86	32.70	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

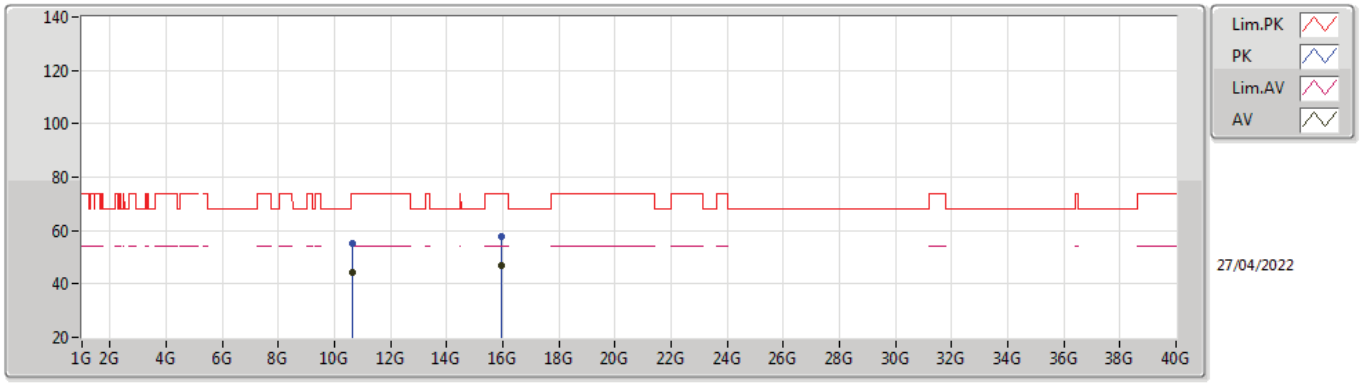
5320MHz_TnomVnom



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	5.3192G	104.60	Inf	-Inf	5.08	3	Horizontal	210	2.72	-	99.52	32.82	7.03	34.77
AV	5.352G	53.25	54.00	-0.75	5.00	3	Horizontal	210	2.72	-	48.25	32.71	7.06	34.77
PK	5.3212G	112.66	Inf	-Inf	5.08	3	Horizontal	210	2.72	-	107.58	32.82	7.03	34.77
PK	5.3512G	68.00	74.00	-6.00	5.00	3	Horizontal	210	2.72	-	63.00	32.71	7.06	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

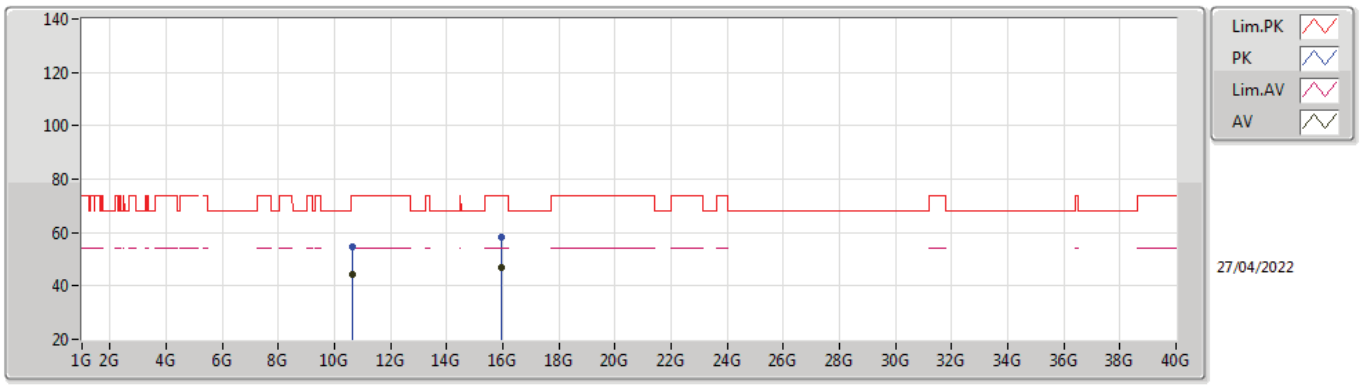
5320MHz_TnomVnom



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	10.64013G	44.38	54.00	-9.62	13.20	3	Vertical	301	1.85	-	31.18	38.98	9.08	34.86
AV	15.96214G	47.06	54.00	-6.94	14.95	3	Vertical	155	2.05	-	32.11	37.60	12.52	35.17
PK	10.63925G	55.28	74.00	-18.72	13.20	3	Vertical	301	1.85	-	42.08	38.98	9.08	34.86
PK	15.95917G	58.01	74.00	-15.99	14.95	3	Vertical	155	2.05	-	43.06	37.60	12.52	35.17

802.11ac VHT20_Nss2,(MCS0)_2TX

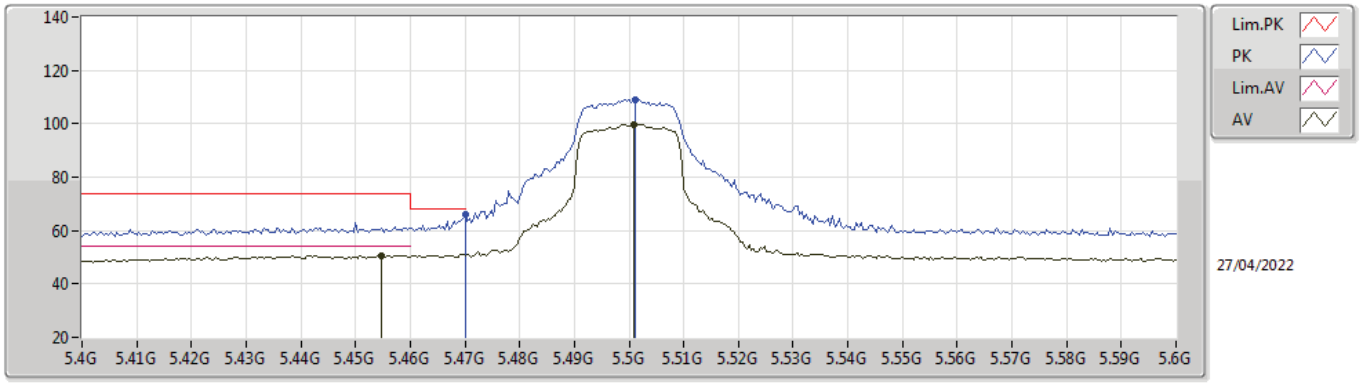
5320MHz_TnomVnom



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	10.63983G	44.38	54.00	-9.62	13.20	3	Horizontal	71	2.14	-	31.18	38.98	9.08	34.86
AV	15.96007G	46.90	54.00	-7.10	14.95	3	Horizontal	123	1.18	-	31.95	37.60	12.52	35.17
PK	10.6393G	54.80	74.00	-19.20	13.20	3	Horizontal	71	2.14	-	41.60	38.98	9.08	34.86
PK	15.95939G	58.06	74.00	-15.94	14.95	3	Horizontal	123	1.18	-	43.11	37.60	12.52	35.17

802.11ac VHT20_Nss2,(MCS0)_2TX

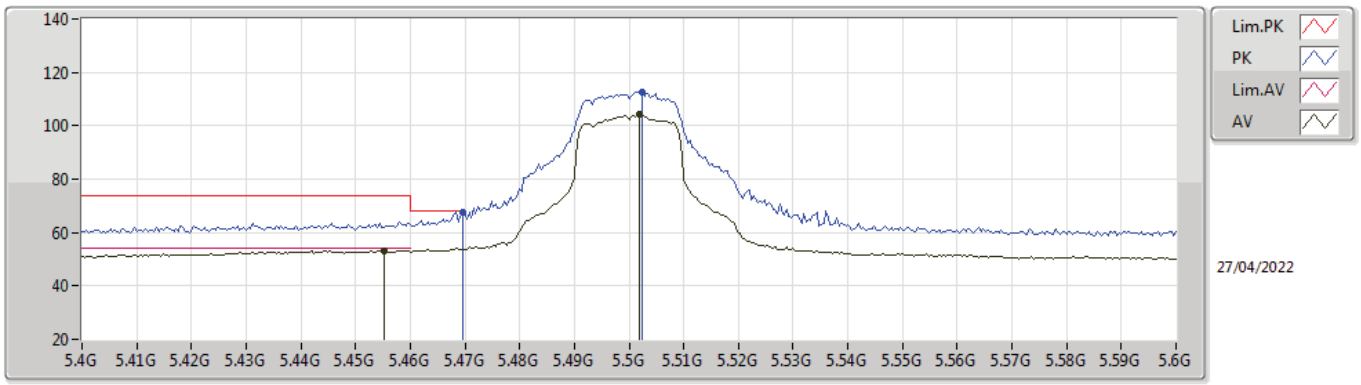
5500MHz_TnomVnom



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	5.4548G	50.76	54.00	-3.24	5.12	3	Vertical	312	1.83	-	45.64	32.81	7.08	34.77
AV	5.5008G	99.78	Inf	-Inf	5.18	3	Vertical	312	1.83	-	94.60	32.90	7.05	34.77
PK	5.47G	65.87	68.20	-2.33	5.14	3	Vertical	312	1.83	-	60.73	32.84	7.07	34.77
PK	5.5012G	109.19	Inf	-Inf	5.18	3	Vertical	312	1.83	-	104.01	32.90	7.05	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

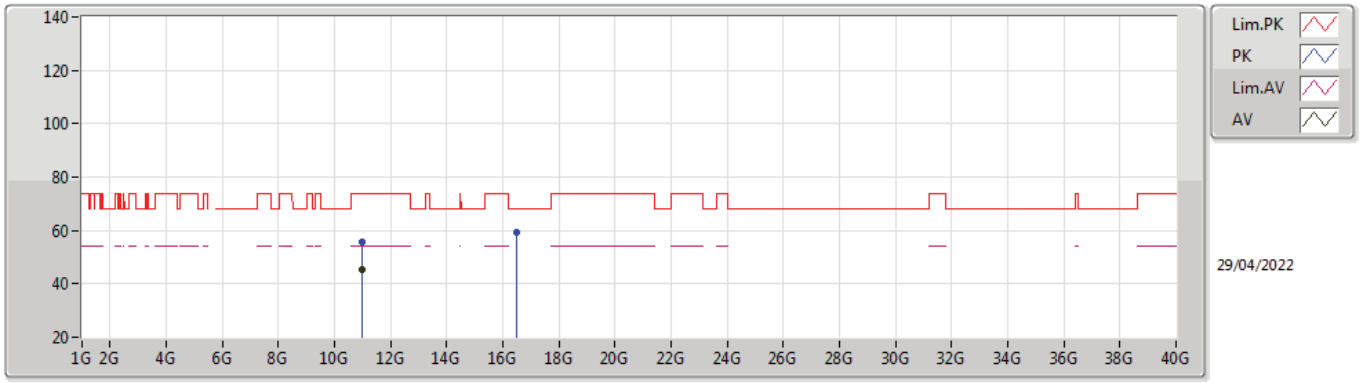
5500MHz_TnomVnom



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	5.4552G	53.29	54.00	-0.71	5.12	3	Horizontal	335	2.67	-	48.17	32.81	7.08	34.77
AV	5.502G	104.31	Inf	-Inf	5.18	3	Horizontal	335	2.67	-	99.13	32.90	7.05	34.77
PK	5.4696G	67.78	68.20	-0.42	5.14	3	Horizontal	335	2.67	-	62.64	32.84	7.07	34.77
PK	5.5024G	112.56	Inf	-Inf	5.18	3	Horizontal	335	2.67	-	107.38	32.90	7.05	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

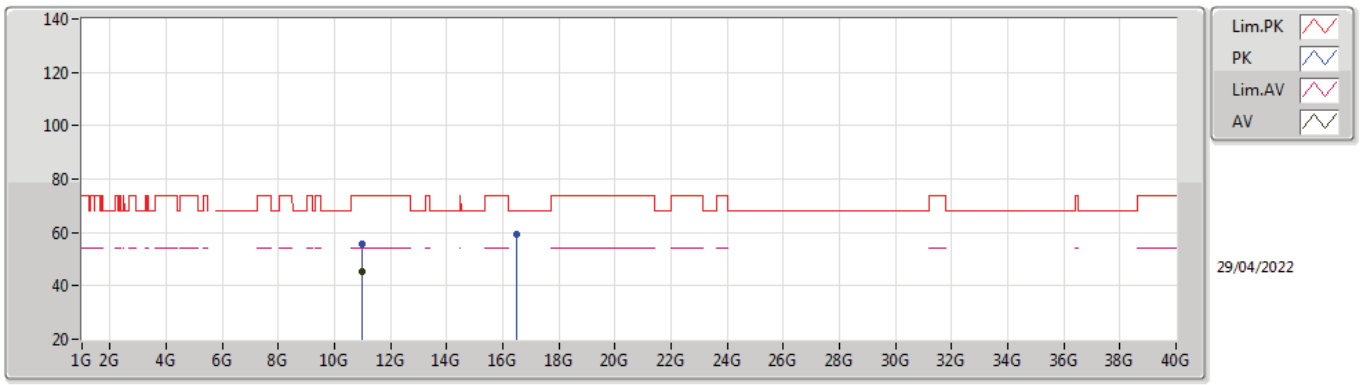
5500MHz_TnomVnom



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	10.99848G	45.36	54.00	-8.64	13.16	3	Vertical	33	3.00	-	32.20	38.70	9.20	34.74
PK	11.00496G	55.70	74.00	-18.30	13.16	3	Vertical	33	3.00	-	42.54	38.70	9.20	34.74
PK	16.5058G	59.10	68.20	-9.10	16.46	3	Vertical	14	1.60	-	42.64	38.68	12.71	34.93

802.11ac VHT20_Nss2,(MCS0)_2TX

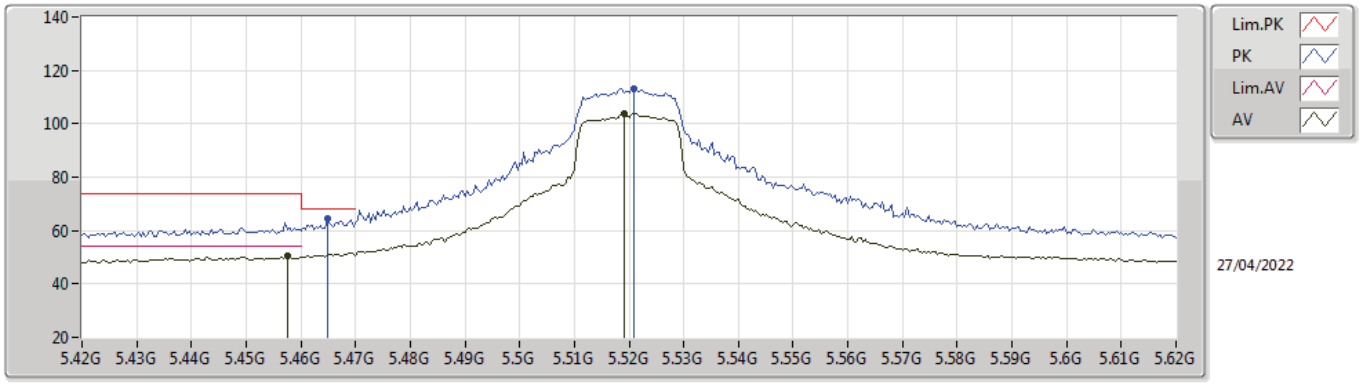
5500MHz_TnomVnom



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	11.00048G	45.22	54.00	-8.78	13.16	3	Horizontal	0	2.99	-	32.06	38.70	9.20	34.74
PK	11.00072G	55.60	74.00	-18.40	13.16	3	Horizontal	0	2.99	-	42.44	38.70	9.20	34.74
PK	16.50732G	59.18	68.20	-9.02	16.45	3	Horizontal	10	2.02	-	42.73	38.67	12.71	34.93

802.11ac VHT20_Nss2,(MCS0)_2TX

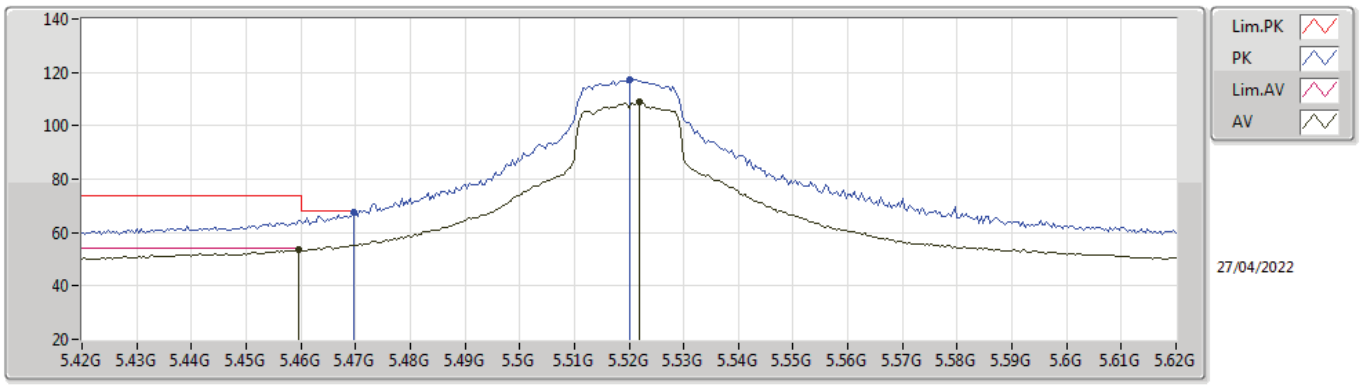
5520MHz_TnomVnom



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	5.4576G	50.51	54.00	-3.49	5.13	3	Vertical	312	1.93	-	45.38	32.82	7.08	34.77
AV	5.5192G	103.72	Inf	-Inf	5.21	3	Vertical	312	1.93	-	98.51	32.94	7.04	34.77
PK	5.4648G	64.40	68.20	-3.80	5.14	3	Vertical	312	1.93	-	59.26	32.83	7.08	34.77
PK	5.5208G	112.92	Inf	-Inf	5.21	3	Vertical	312	1.93	-	107.71	32.94	7.04	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

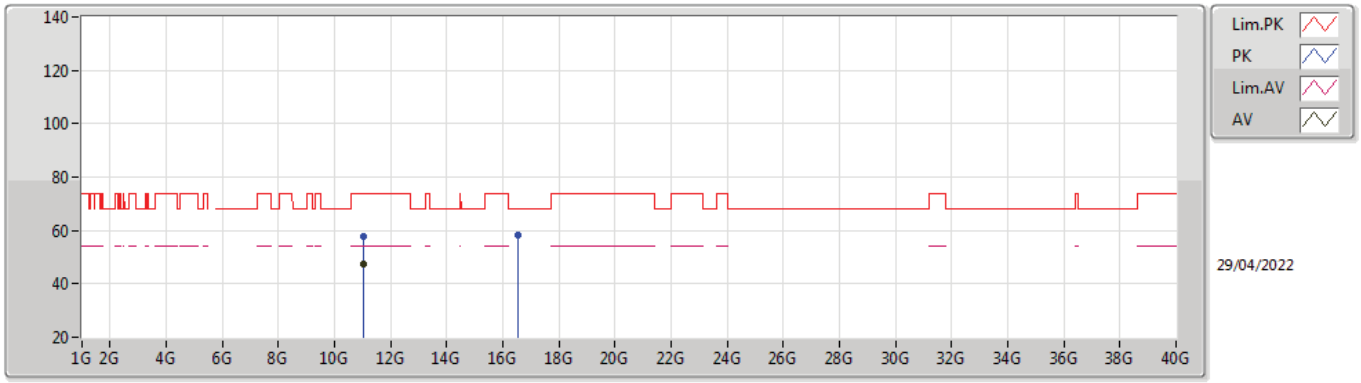
5520MHz_TnomVnom



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	53.59	54.00	-0.41	5.13	3	Horizontal	332	2.66	-	48.46	32.82	7.08	34.77
AV	5.522G	108.79	Inf	-Inf	5.21	3	Horizontal	332	2.66	-	103.58	32.94	7.04	34.77
PK	5.4696G	67.33	68.20	-0.87	5.14	3	Horizontal	332	2.66	-	62.19	32.84	7.07	34.77
PK	5.52G	117.21	Inf	-Inf	5.21	3	Horizontal	332	2.66	-	112.00	32.94	7.04	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

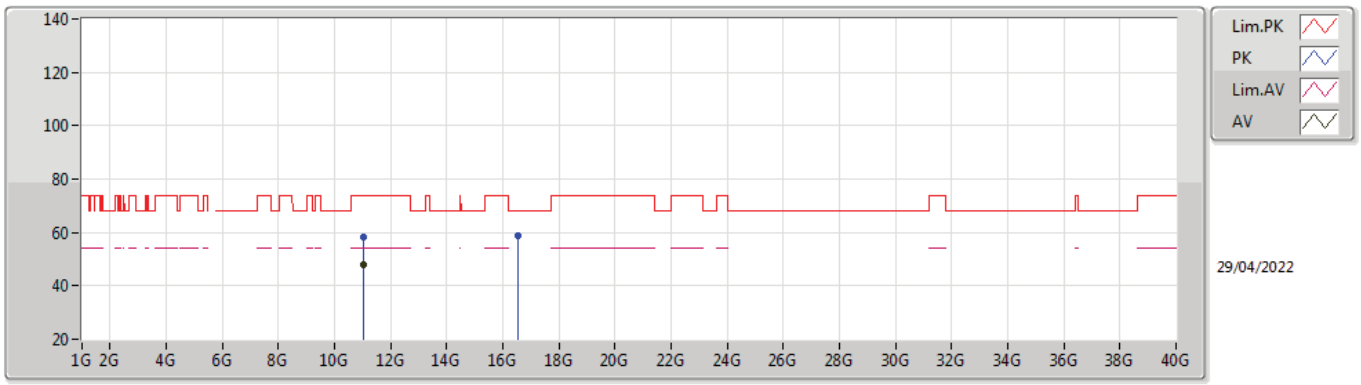
5520MHz_TnomVnom



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	11.04408G	47.34	54.00	-6.66	13.14	3	Vertical	336	2.16	-	34.20	38.66	9.21	34.73
PK	11.04528G	57.72	74.00	-16.28	13.13	3	Vertical	336	2.16	-	44.59	38.65	9.21	34.73
PK	16.54328G	58.38	68.20	-9.82	16.40	3	Vertical	224	1.59	-	41.98	38.53	12.72	34.85

802.11ac VHT20_Nss2,(MCS0)_2TX

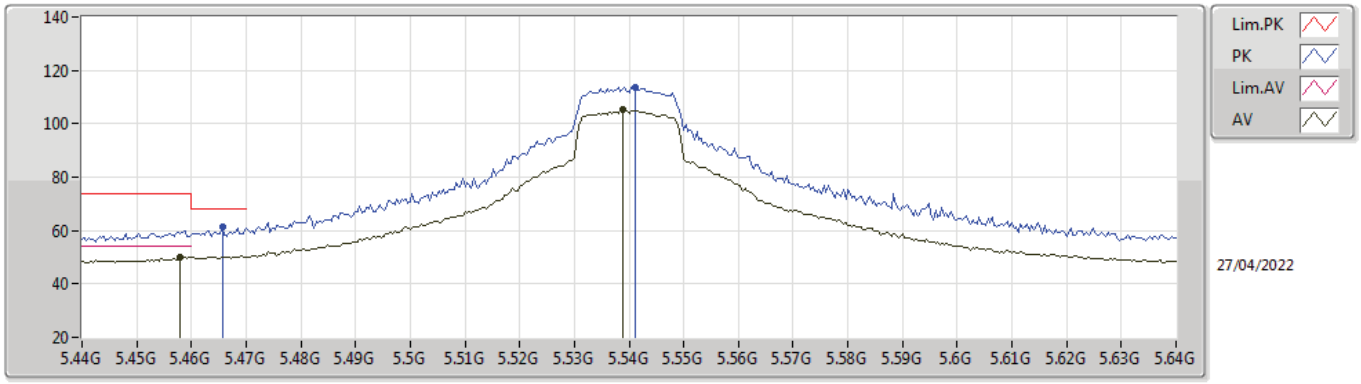
5520MHz_TnomVnom



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	11.04168G	48.12	54.00	-5.88	13.14	3	Horizontal	31	1.03	-	34.98	38.66	9.21	34.73
PK	11.04584G	58.20	74.00	-15.80	13.14	3	Horizontal	31	1.03	-	45.06	38.65	9.22	34.73
PK	16.55288G	58.99	68.20	-9.21	16.38	3	Horizontal	0	2.96	-	42.61	38.49	12.72	34.83

802.11ac VHT20_Nss2,(MCS0)_2TX

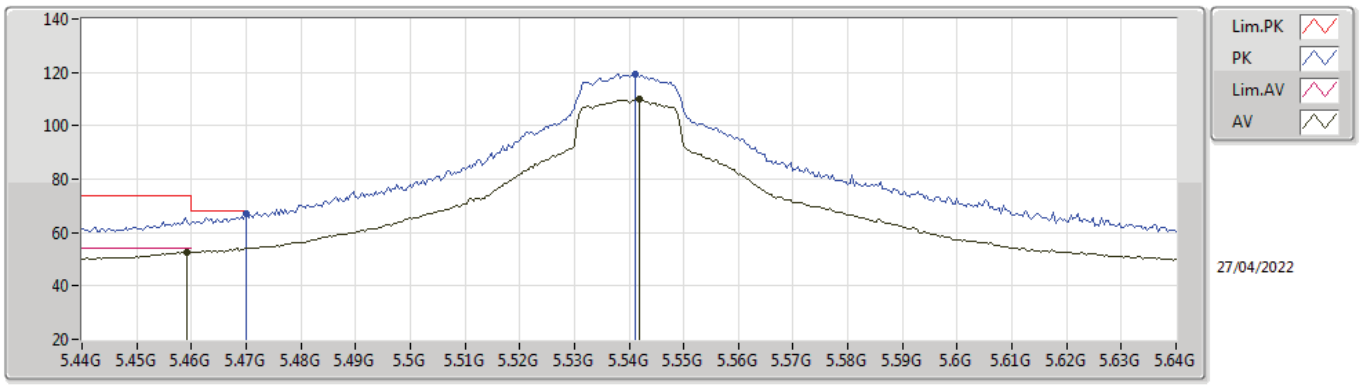
5540MHz_TnomVnom



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	50.17	54.00	-3.83	5.13	3	Vertical	312	1.83	-	45.04	32.82	7.08	34.77
AV	5.5388G	105.47	Inf	-Inf	5.24	3	Vertical	312	1.83	-	100.23	32.98	7.03	34.77
PK	5.4656G	61.42	68.20	-6.78	5.14	3	Vertical	312	1.83	-	56.28	32.83	7.08	34.77
PK	5.5412G	113.68	Inf	-Inf	5.24	3	Vertical	312	1.83	-	108.44	32.98	7.03	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

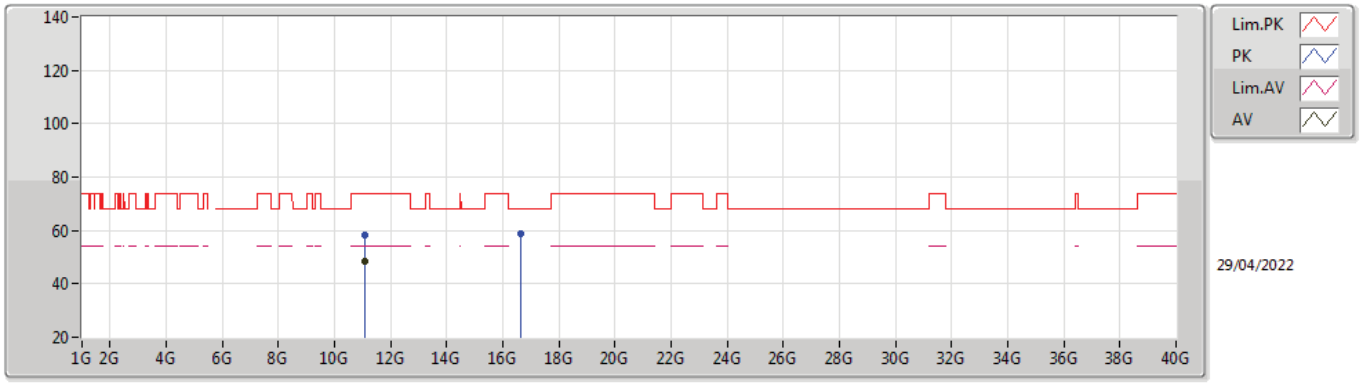
5540MHz_TnomVnom



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	5.4592G	52.60	54.00	-1.40	5.13	3	Horizontal	334	2.77	-	47.47	32.82	7.08	34.77
AV	5.542G	110.06	Inf	-Inf	5.24	3	Horizontal	334	2.77	-	104.82	32.98	7.03	34.77
PK	5.47G	66.91	68.20	-1.29	5.14	3	Horizontal	334	2.77	-	61.77	32.84	7.07	34.77
PK	5.5412G	119.34	Inf	-Inf	5.24	3	Horizontal	334	2.77	-	114.10	32.98	7.03	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

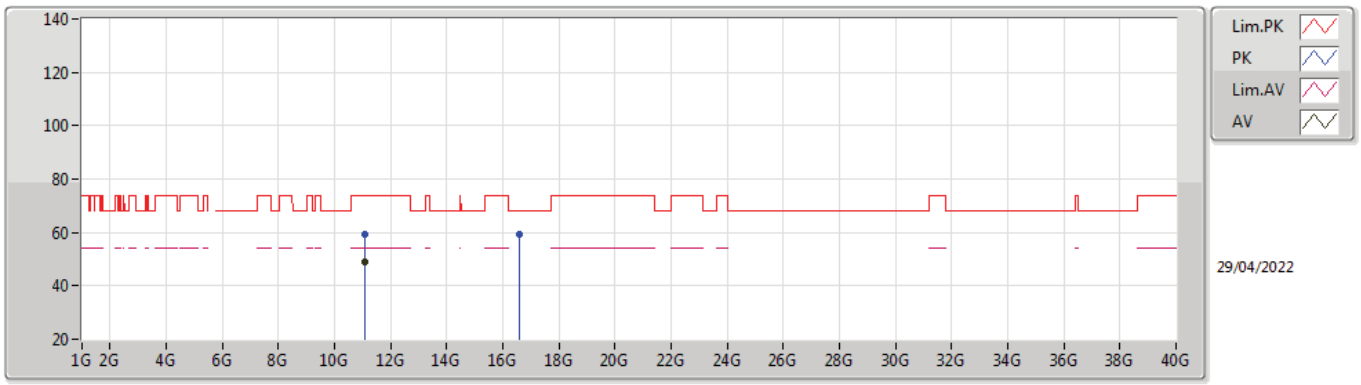
5540MHz_TnomVnom



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	11.08288G	48.39	54.00	-5.61	13.13	3	Vertical	336	2.09	-	35.26	38.62	9.23	34.72
PK	11.074G	58.32	74.00	-15.68	13.13	3	Vertical	336	2.09	-	45.19	38.63	9.22	34.72
PK	16.61712G	58.82	68.20	-9.38	16.30	3	Vertical	166	2.35	-	42.52	38.27	12.74	34.71

802.11ac VHT20_Nss2,(MCS0)_2TX

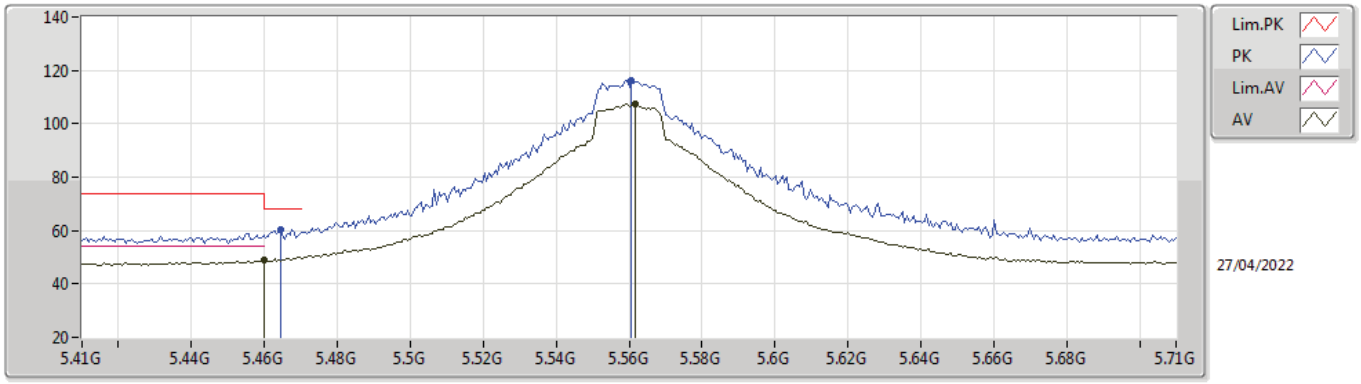
5540MHz_TnomVnom



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	11.07928G	49.05	54.00	-4.95	13.13	3	Horizontal	30	1.01	-	35.92	38.62	9.23	34.72
PK	11.07648G	59.53	74.00	-14.47	13.13	3	Horizontal	30	1.01	-	46.40	38.62	9.23	34.72
PK	16.61368G	59.32	68.20	-8.88	16.30	3	Horizontal	65	2.94	-	43.02	38.27	12.74	34.71

802.11ac VHT20_Nss2,(MCS0)_2TX

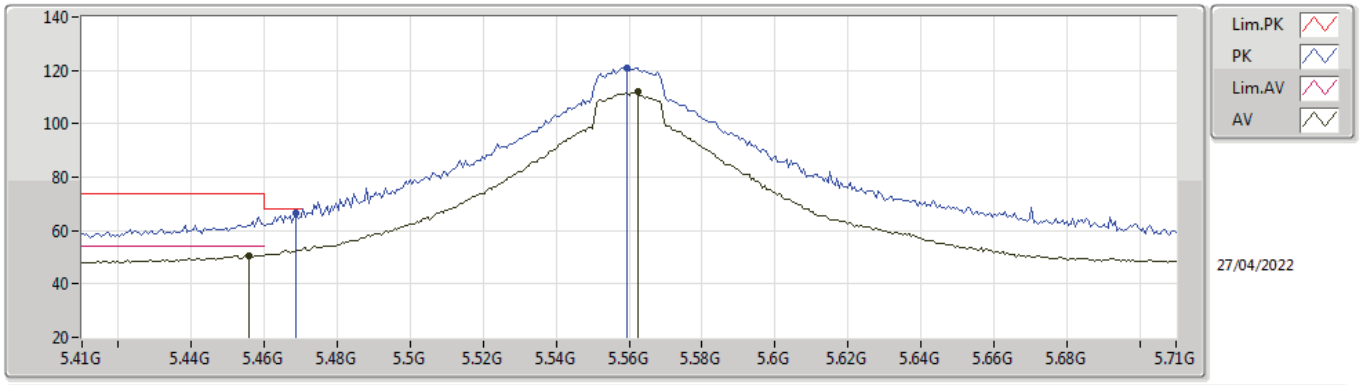
5560MHz_TnomVnom



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	5.4598G	48.86	54.00	-5.14	5.13	3	Vertical	311	2.04	-	43.73	32.82	7.08	34.77
AV	5.5618G	107.29	Inf	-Inf	5.24	3	Vertical	311	2.04	-	102.05	33.00	7.01	34.77
PK	5.4646G	60.25	68.20	-7.95	5.14	3	Vertical	311	2.04	-	55.11	32.83	7.08	34.77
PK	5.5606G	116.20	Inf	-Inf	5.25	3	Vertical	311	2.04	-	110.95	33.00	7.02	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

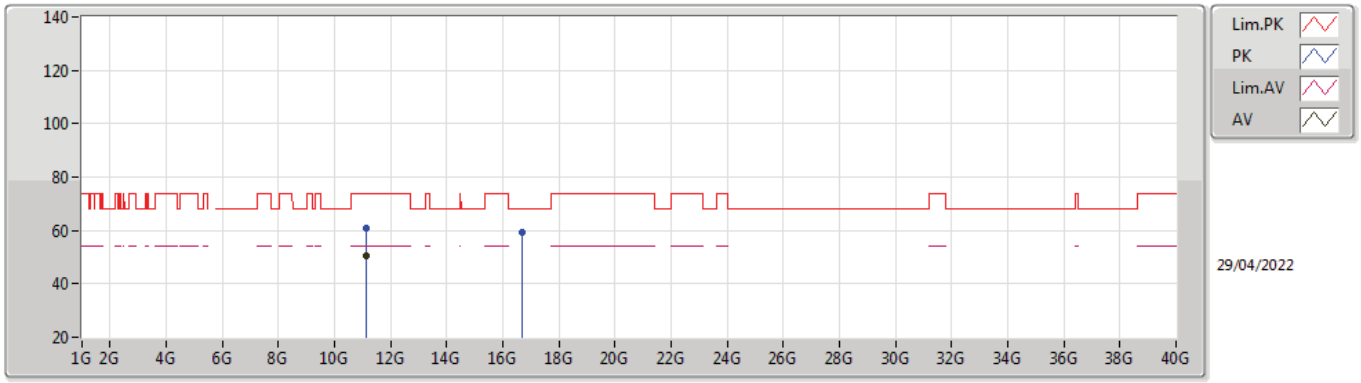
5560MHz_TnomVnom



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	5.4556G	50.75	54.00	-3.25	5.12	3	Horizontal	333	2.75	-	45.63	32.81	7.08	34.77
AV	5.5624G	111.85	Inf	-Inf	5.24	3	Horizontal	333	2.75	-	106.61	33.00	7.01	34.77
PK	5.4688G	66.56	68.20	-1.64	5.15	3	Horizontal	333	2.75	-	61.41	32.84	7.08	34.77
PK	5.5594G	120.91	Inf	-Inf	5.25	3	Horizontal	333	2.75	-	115.66	33.00	7.02	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

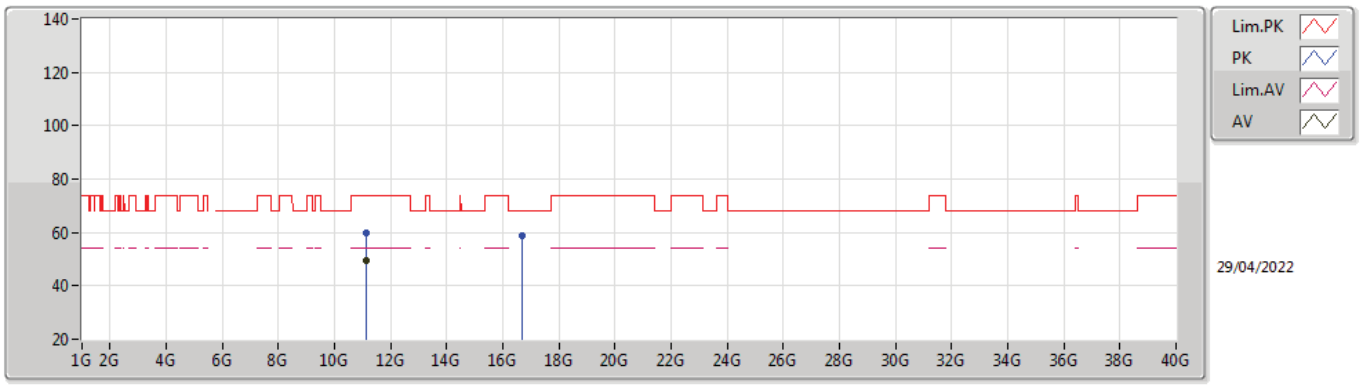
5560MHz_TnomVnom



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	11.12112G	50.74	54.00	-3.26	13.15	3	Vertical	336	2.31	-	37.59	38.62	9.24	34.71
PK	11.11856G	60.67	74.00	-13.33	13.15	3	Vertical	336	2.31	-	47.52	38.62	9.24	34.71
PK	16.6836G	59.30	68.20	-8.90	16.32	3	Vertical	134	1.50	-	42.98	38.13	12.76	34.57

802.11ac VHT20_Nss2,(MCS0)_2TX

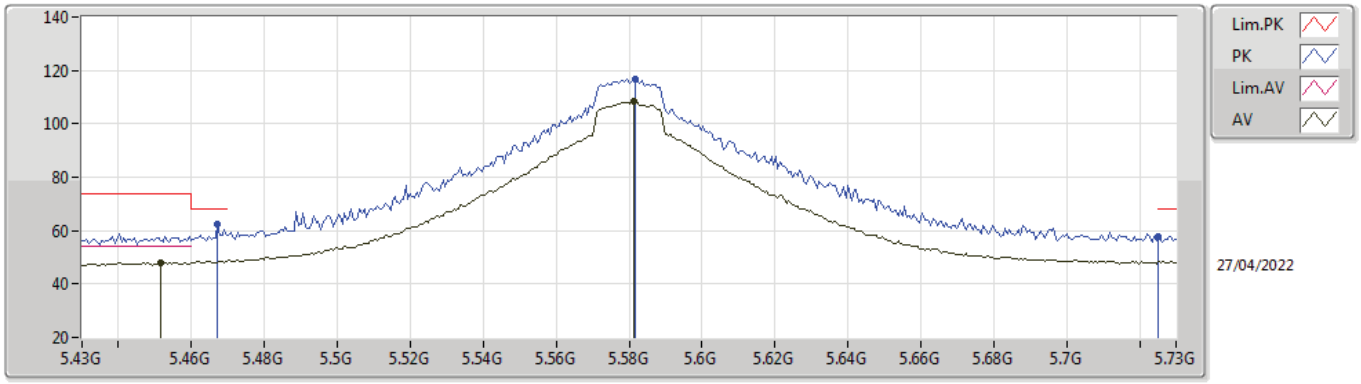
5560MHz_TnomVnom



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	11.11744G	49.53	54.00	-4.47	13.15	3	Horizontal	30	1.16	-	36.38	38.62	9.24	34.71
PK	11.12368G	59.72	74.00	-14.28	13.15	3	Horizontal	30	1.16	-	46.57	38.62	9.24	34.71
PK	16.692G	58.75	68.20	-9.45	16.32	3	Horizontal	250	1.50	-	42.43	38.12	12.76	34.56

802.11ac VHT20_Nss2,(MCS0)_2TX

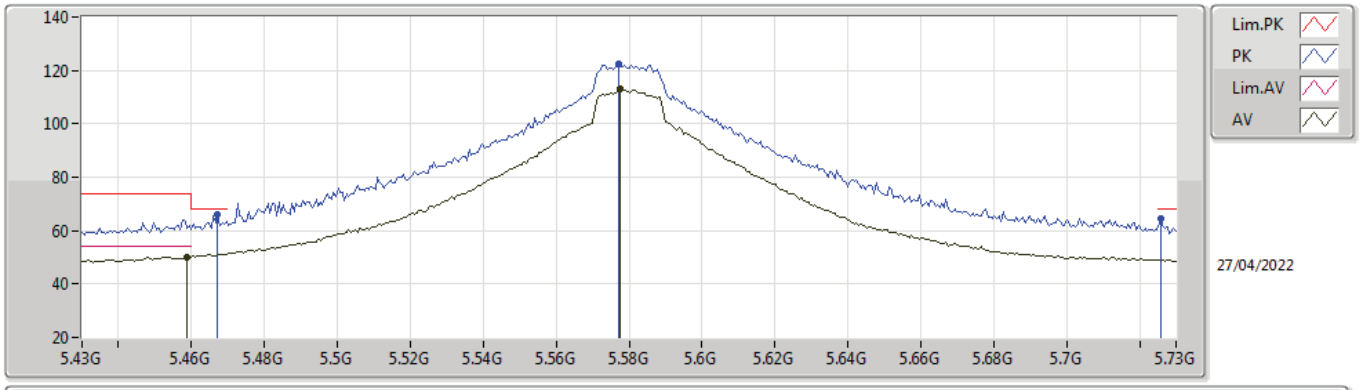
5580MHz_TnomVnom



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	5.4516G	48.13	54.00	-5.87	5.12	3	Vertical	311	2.23	-	43.01	32.80	7.09	34.77
AV	5.5812G	108.31	Inf	-Inf	5.23	3	Vertical	311	2.23	-	103.08	33.00	7.00	34.77
PK	5.4672G	62.44	68.20	-5.76	5.14	3	Vertical	311	2.23	-	57.30	32.83	7.08	34.77
PK	5.5818G	116.70	Inf	-Inf	5.23	3	Vertical	311	2.23	-	111.47	33.00	7.00	34.77
PK	5.7252G	57.68	68.20	-10.52	5.67	3	Vertical	311	2.23	-	52.01	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

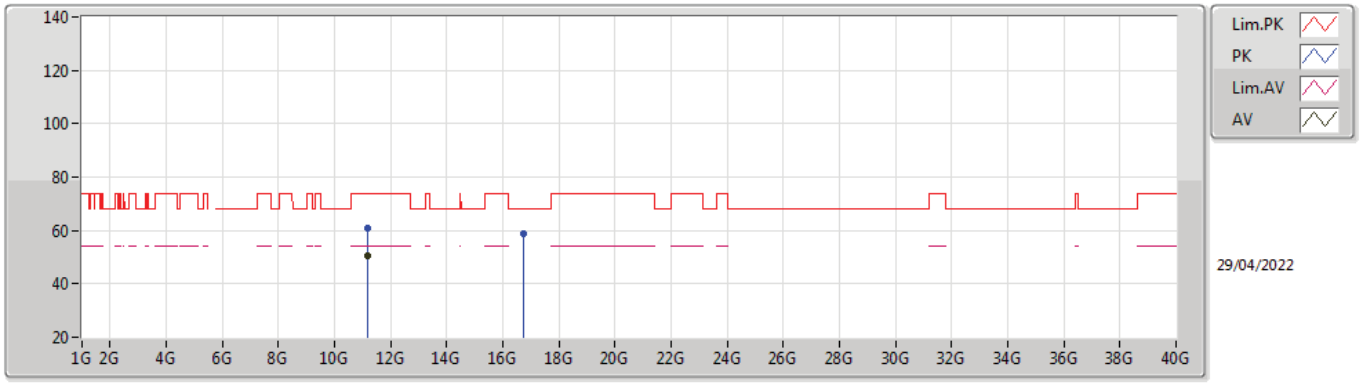
5580MHz_TnomVnom



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	5.4588G	50.25	54.00	-3.75	5.13	3	Horizontal	322	2.73	-	45.12	32.82	7.08	34.77
AV	5.5776G	113.22	Inf	-Inf	5.23	3	Horizontal	322	2.73	-	107.99	33.00	7.00	34.77
PK	5.4672G	65.96	68.20	-2.24	5.14	3	Horizontal	322	2.73	-	60.82	32.83	7.08	34.77
PK	5.577G	122.45	Inf	-Inf	5.23	3	Horizontal	322	2.73	-	117.22	33.00	7.00	34.77
PK	5.7258G	64.32	68.20	-3.88	5.67	3	Horizontal	322	2.73	-	58.65	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

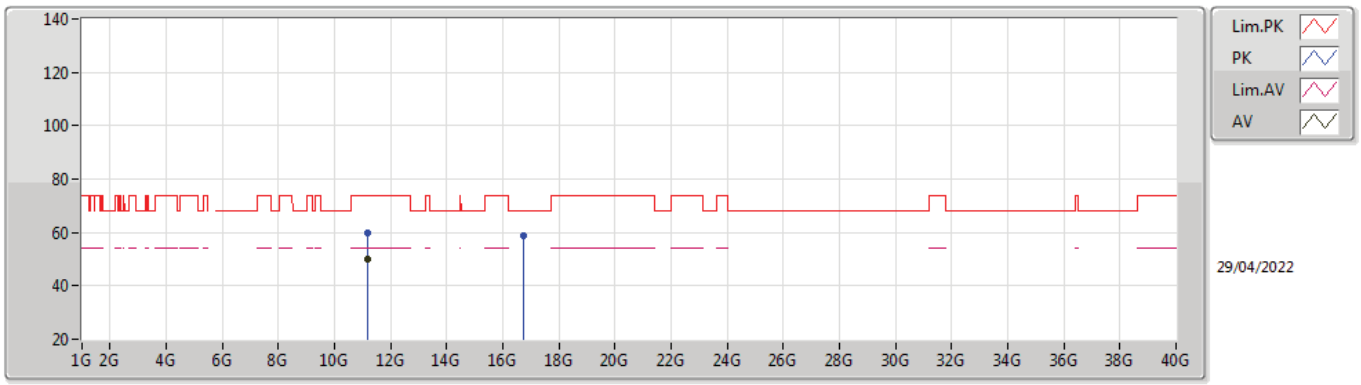
5580MHz_TnomVnom



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	11.15944G	50.45	54.00	-3.55	13.21	3	Vertical	332	2.21	-	37.24	38.66	9.25	34.70
PK	11.16144G	60.97	74.00	-13.03	13.21	3	Vertical	332	2.21	-	47.76	38.66	9.25	34.70
PK	16.7596G	58.59	68.20	-9.61	16.58	3	Vertical	188	2.42	-	42.01	38.22	12.78	34.42

802.11ac VHT20_Nss2,(MCS0)_2TX

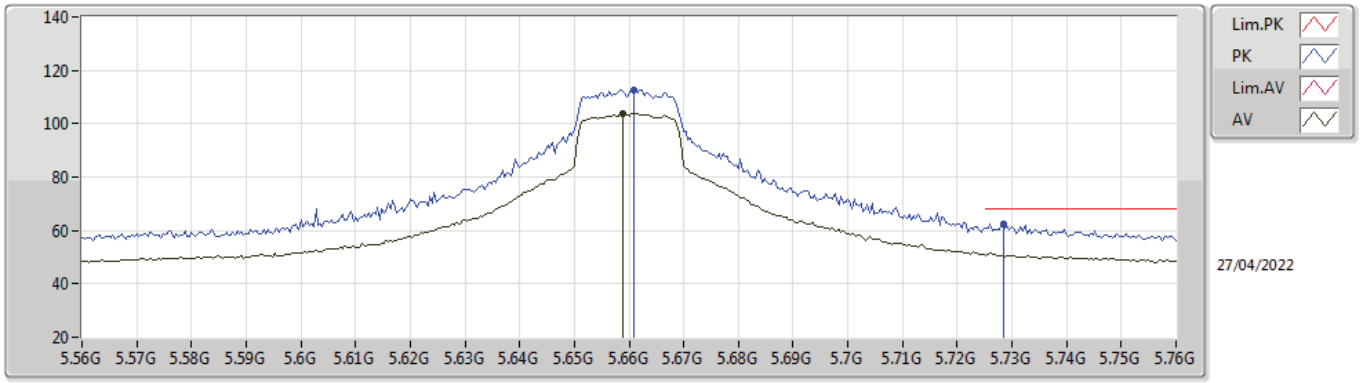
5580MHz_TnomVnom



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	11.16152G	50.02	54.00	-3.98	13.21	3	Horizontal	30	1.10	-	36.81	38.66	9.25	34.70
PK	11.15624G	59.74	74.00	-14.26	13.21	3	Horizontal	30	1.10	-	46.53	38.66	9.25	34.70
PK	16.74256G	58.98	68.20	-9.22	16.52	3	Horizontal	328	1.50	-	42.46	38.19	12.78	34.45

802.11ac VHT20_Nss2,(MCS0)_2TX

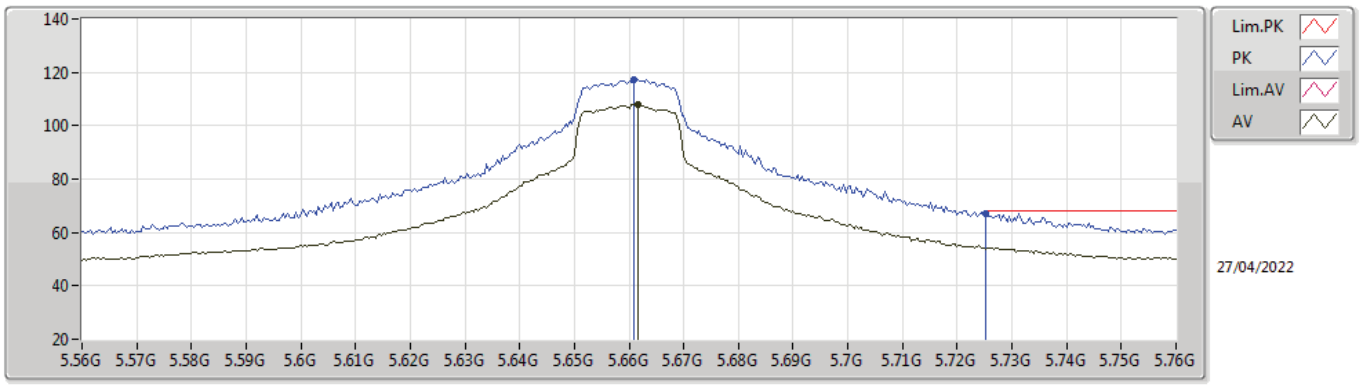
5660MHz_TnomVnom



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	5.6588G	104.04	Inf	-Inf	5.27	3	Vertical	313	1.84	-	98.77	33.07	6.97	34.77
PK	5.6608G	112.74	Inf	-Inf	5.29	3	Vertical	313	1.84	-	107.45	33.09	6.97	34.77
PK	5.7284G	62.42	68.20	-5.78	5.68	3	Vertical	313	1.84	-	56.74	33.51	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

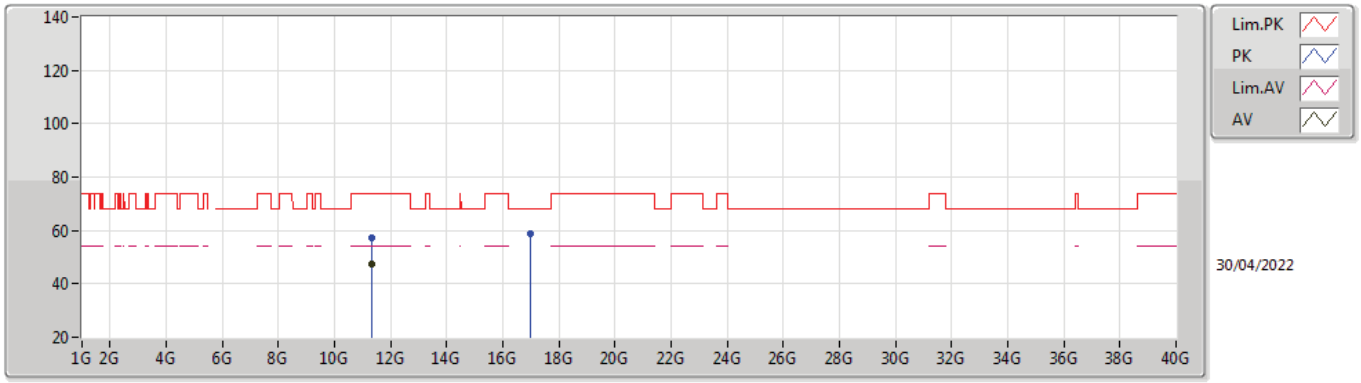
5660MHz_TnomVnom



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	5.6616G	107.93	Inf	-Inf	5.29	3	Horizontal	343	2.63	-	102.64	33.09	6.97	34.77
PK	5.6608G	117.35	Inf	-Inf	5.29	3	Horizontal	343	2.63	-	112.06	33.09	6.97	34.77
PK	5.7252G	67.30	68.20	-0.90	5.67	3	Horizontal	343	2.63	-	61.63	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

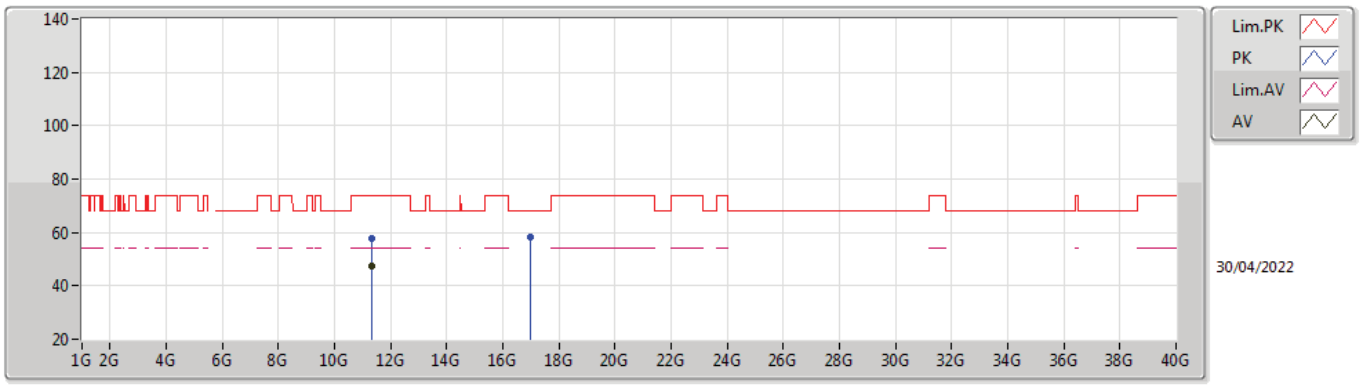
5660MHz_TnomVnom



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	11.32224G	47.29	54.00	-6.71	13.55	3	Vertical	335	2.32	-	33.74	38.90	9.31	34.66
PK	11.32048G	57.04	74.00	-16.96	13.55	3	Vertical	335	2.32	-	43.49	38.90	9.31	34.66
PK	16.9829G	58.60	68.20	-9.60	16.90	3	Vertical	212	2.36	-	41.70	38.02	12.85	33.97

802.11ac VHT20_Nss2,(MCS0)_2TX

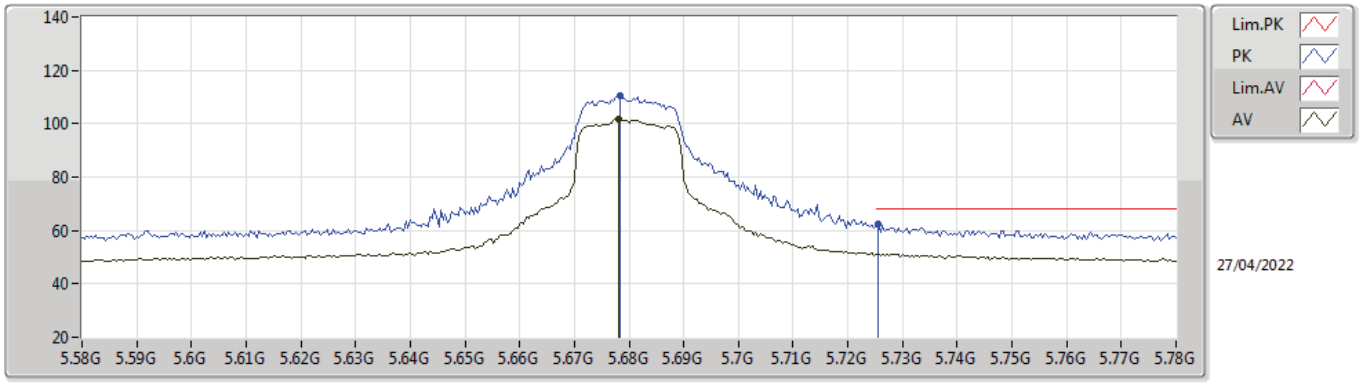
5660MHz_TnomVnom



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	11.31936G	47.57	54.00	-6.43	13.55	3	Horizontal	36	1.00	-	34.02	38.90	9.31	34.66
PK	11.32296G	57.91	74.00	-16.09	13.55	3	Horizontal	36	1.00	-	44.36	38.90	9.31	34.66
PK	16.9782G	58.21	68.20	-9.99	16.88	3	Horizontal	327	1.69	-	41.33	38.02	12.84	33.98

802.11ac VHT20_Nss2,(MCS0)_2TX

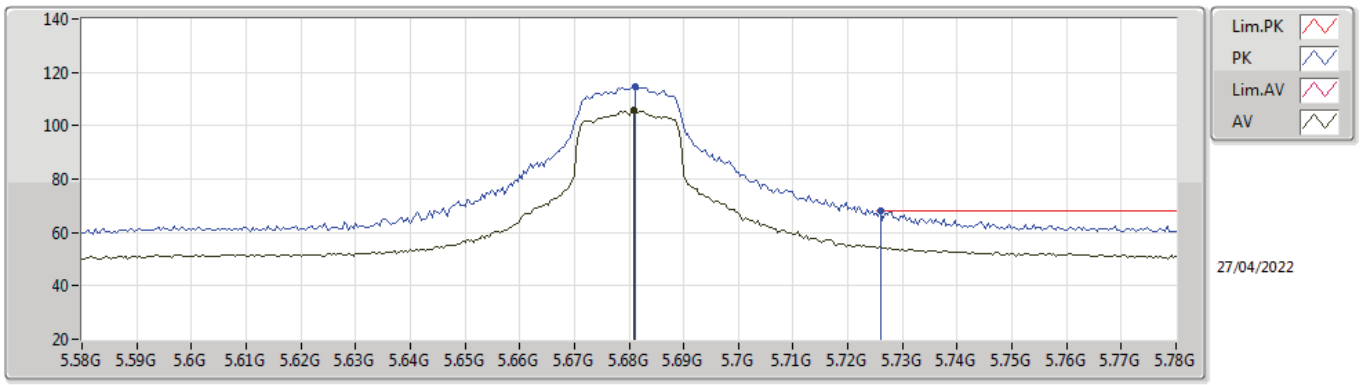
5680MHz_TnomVnom



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	5.678G	101.54	Inf	-Inf	5.41	3	Vertical	316	1.94	-	96.13	33.22	6.96	34.77
PK	5.6784G	110.38	Inf	-Inf	5.42	3	Vertical	316	1.94	-	104.96	33.23	6.96	34.77
PK	5.7256G	62.18	68.20	-6.02	5.67	3	Vertical	316	1.94	-	56.51	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

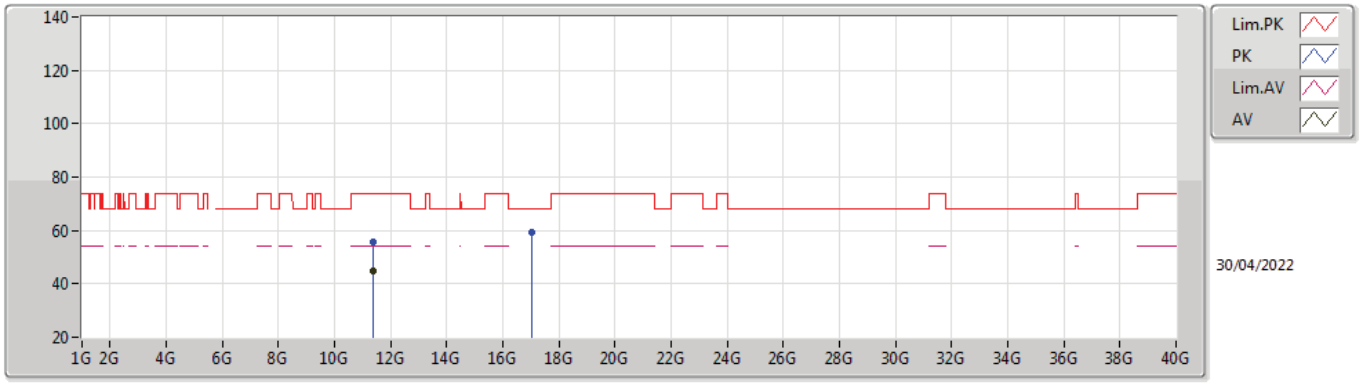
5680MHz_TnomVnom



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	5.6808G	105.89	Inf	-Inf	5.44	3	Horizontal	332	2.62	-	100.45	33.25	6.96	34.77
PK	5.6812G	114.71	Inf	-Inf	5.44	3	Horizontal	332	2.62	-	109.27	33.25	6.96	34.77
PK	5.726G	67.98	68.20	-0.22	5.67	3	Horizontal	332	2.62	-	62.31	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

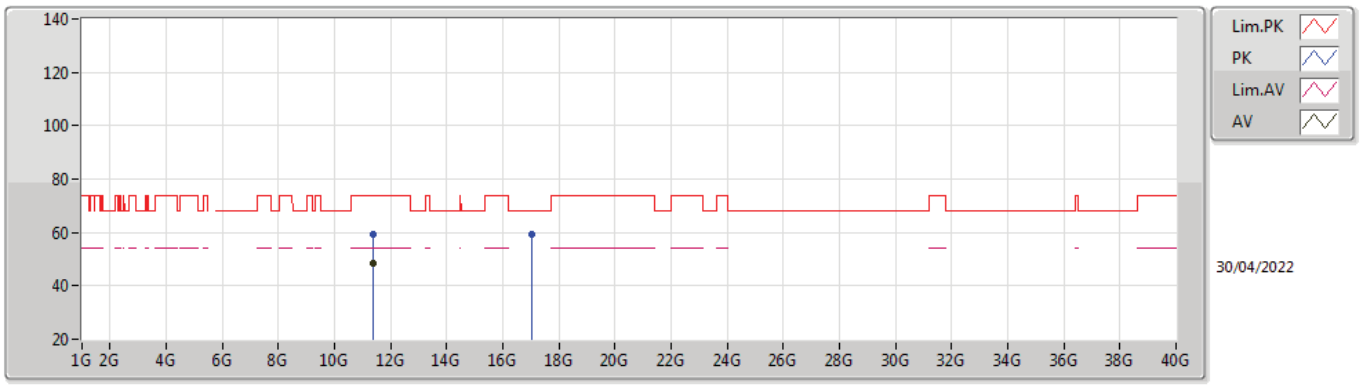
5680MHz_TnomVnom



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	11.35968G	44.86	54.00	-9.14	13.57	3	Vertical	316	1.50	-	31.29	38.90	9.32	34.65
PK	11.35856G	55.86	74.00	-18.14	13.57	3	Vertical	316	1.50	-	42.29	38.90	9.32	34.65
PK	17.03584G	59.16	68.20	-9.04	16.87	3	Vertical	332	1.29	-	42.29	38.00	12.86	33.99

802.11ac VHT20_Nss2,(MCS0)_2TX

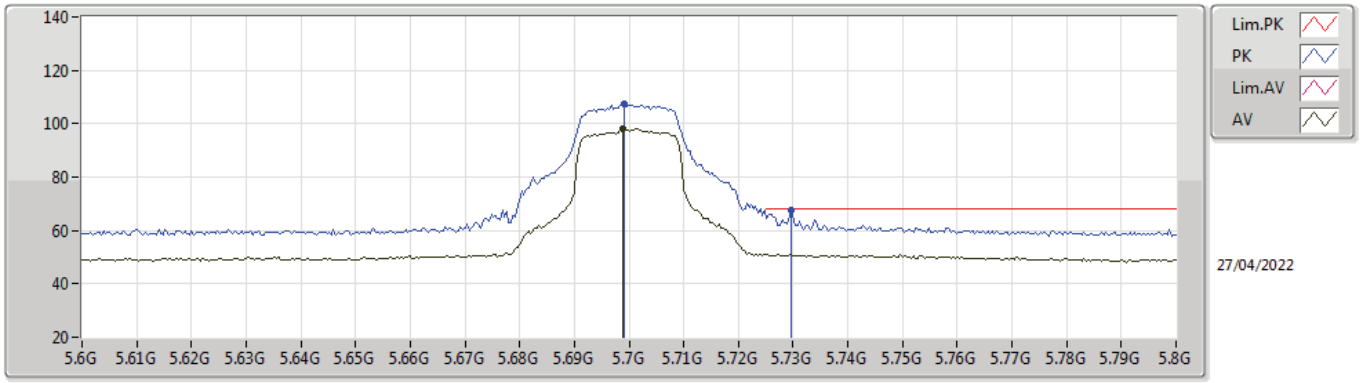
5680MHz_TnomVnom



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	11.36232G	48.60	54.00	-5.40	13.57	3	Horizontal	35	1.00	-	35.03	38.90	9.32	34.65
PK	11.36056G	59.21	74.00	-14.79	13.57	3	Horizontal	35	1.00	-	45.64	38.90	9.32	34.65
PK	17.04118G	59.46	68.20	-8.74	16.86	3	Horizontal	162	1.66	-	42.60	38.00	12.86	34.00

802.11ac VHT20_Nss2,(MCS0)_2TX

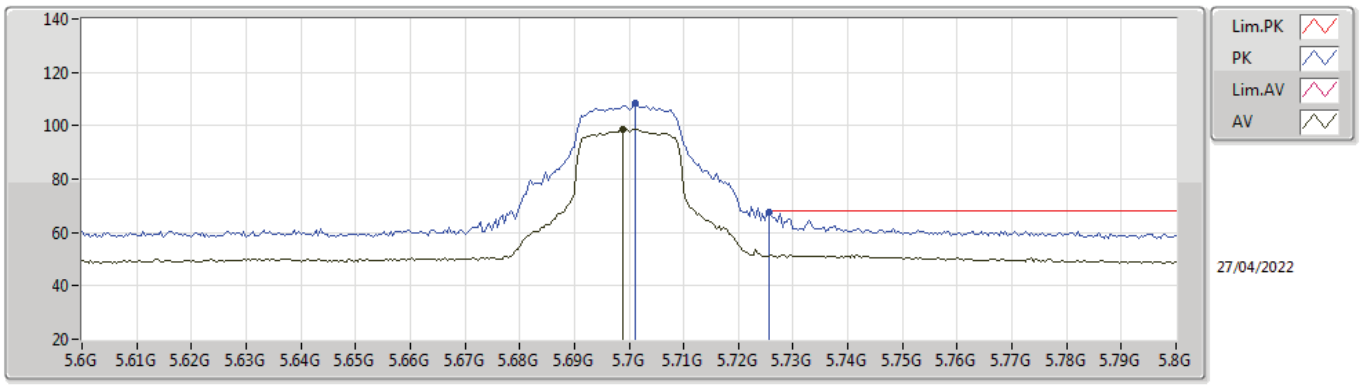
5700MHz_TnomVnom



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	5.6988G	98.06	Inf	-Inf	5.57	3	Vertical	312	1.80	-	92.49	33.39	6.95	34.77
PK	5.6992G	107.30	Inf	-Inf	5.57	3	Vertical	312	1.80	-	101.73	33.39	6.95	34.77
PK	5.7296G	67.41	68.20	-0.79	5.69	3	Vertical	312	1.80	-	61.72	33.52	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

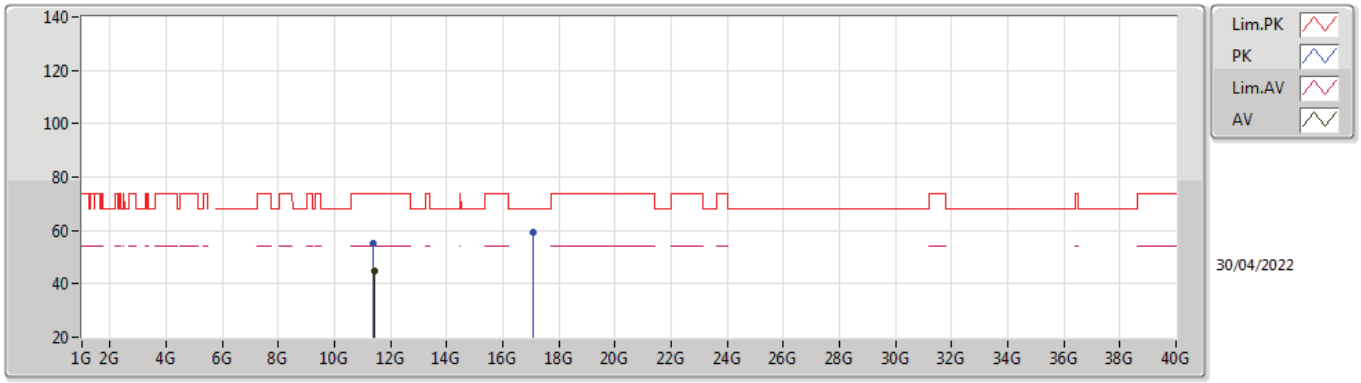
5700MHz_TnomVnom



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	5.6988G	98.80	Inf	-Inf	5.57	3	Horizontal	311	1.91	-	93.23	33.39	6.95	34.77
PK	5.7012G	108.28	Inf	-Inf	5.58	3	Horizontal	311	1.91	-	102.70	33.40	6.95	34.77
PK	5.7256G	67.77	68.20	-0.43	5.67	3	Horizontal	311	1.91	-	62.10	33.50	6.94	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

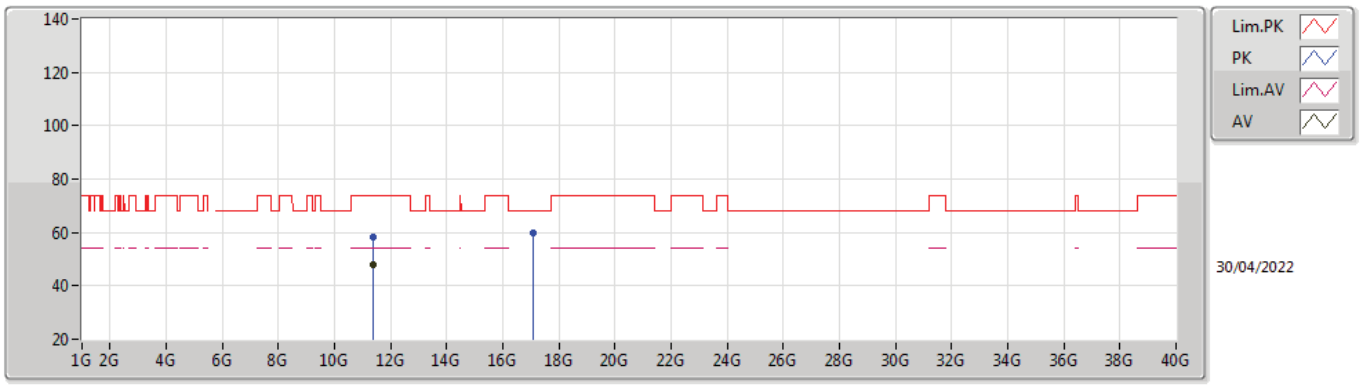
5700MHz_TnomVnom



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	11.40536G	44.92	54.00	-9.08	13.59	3	Vertical	329	1.50	-	31.33	38.89	9.33	34.63
PK	11.39752G	54.99	74.00	-19.01	13.59	3	Vertical	329	1.50	-	41.40	38.90	9.33	34.64
PK	17.09168G	59.50	68.20	-8.70	16.82	3	Vertical	68	1.40	-	42.68	38.00	12.88	34.06

802.11ac VHT20_Nss2,(MCS0)_2TX

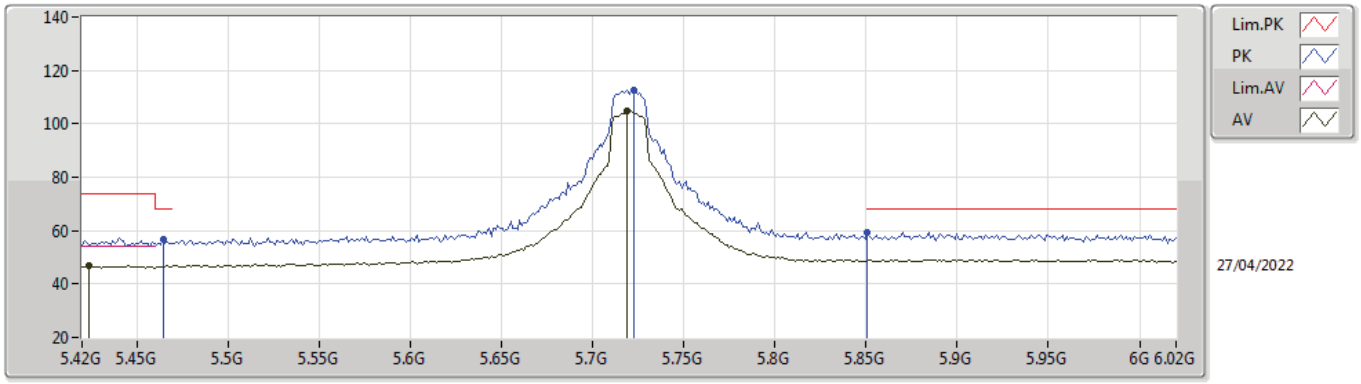
5700MHz_TnomVnom



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	11.40104G	47.76	54.00	-6.24	13.59	3	Horizontal	35	1.00	-	34.17	38.90	9.33	34.64
PK	11.3984G	58.35	74.00	-15.65	13.59	3	Horizontal	35	1.00	-	44.76	38.90	9.33	34.64
PK	17.09448G	59.96	68.20	-8.24	16.81	3	Horizontal	53	1.23	-	43.15	38.00	12.88	34.07

802.11ac VHT20_Nss2,(MCS0)_2TX

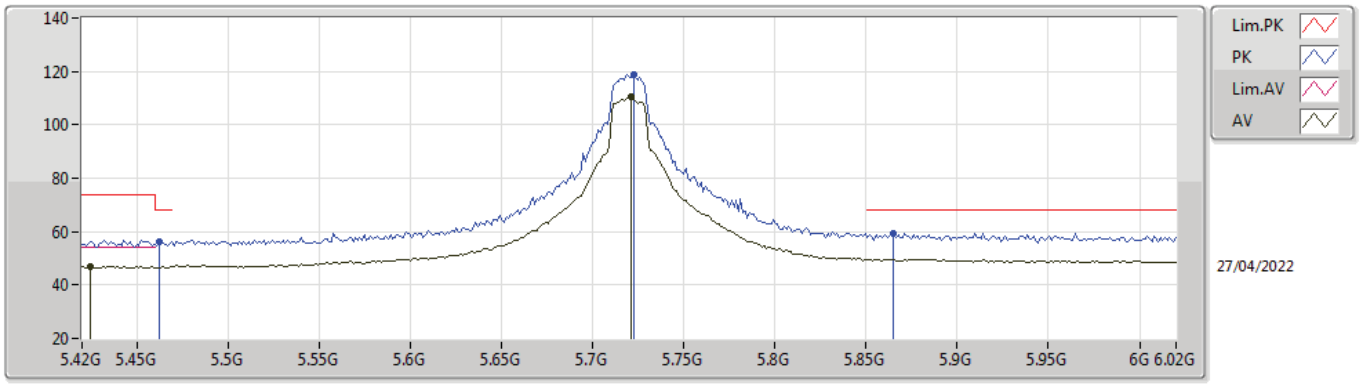
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	46.73	54.00	-7.27	5.24	3	Vertical	311	1.70	-	41.49	32.91	7.10	34.77
AV	5.7188G	104.70	Inf	-Inf	5.65	3	Vertical	311	1.70	-	99.05	33.48	6.94	34.77
PK	5.4644G	56.56	68.20	-11.64	5.14	3	Vertical	311	1.70	-	51.42	32.83	7.08	34.77
PK	5.7224G	112.74	Inf	-Inf	5.66	3	Vertical	311	1.70	-	107.08	33.49	6.94	34.77
PK	5.8508G	59.29	68.20	-8.91	6.46	3	Vertical	311	1.70	-	52.83	34.10	7.13	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

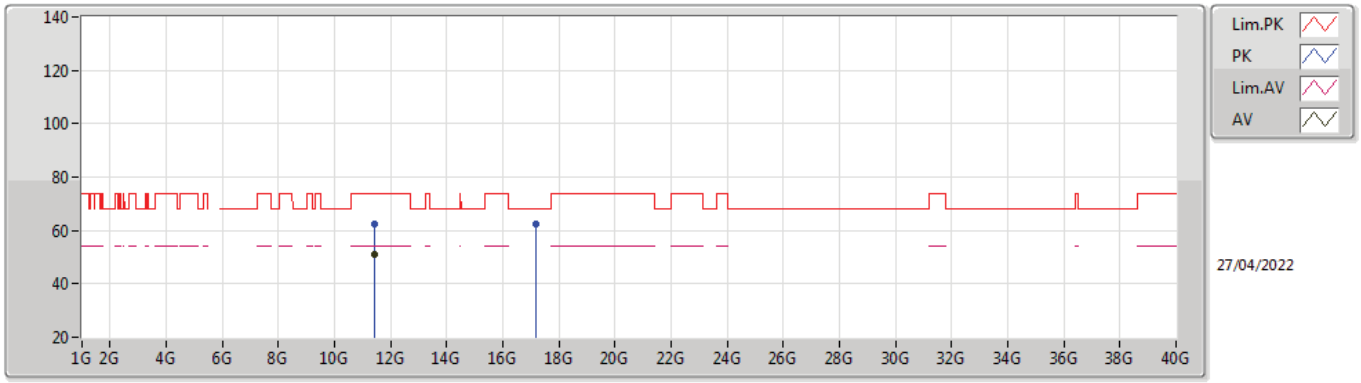
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4248G	47.13	54.00	-6.87	5.23	3	Horizontal	341	2.59	-	41.90	32.90	7.10	34.77
AV	5.7212G	110.26	Inf	-Inf	5.65	3	Horizontal	341	2.59	-	104.61	33.48	6.94	34.77
PK	5.462G	56.44	68.20	-11.76	5.13	3	Horizontal	341	2.59	-	51.31	32.82	7.08	34.77
PK	5.7224G	118.99	Inf	-Inf	5.66	3	Horizontal	341	2.59	-	113.33	33.49	6.94	34.77
PK	5.8652G	59.37	68.20	-8.83	6.59	3	Horizontal	341	2.59	-	52.78	34.16	7.20	34.77

802.11ac VHT20_Nss2,(MCS0)_2TX

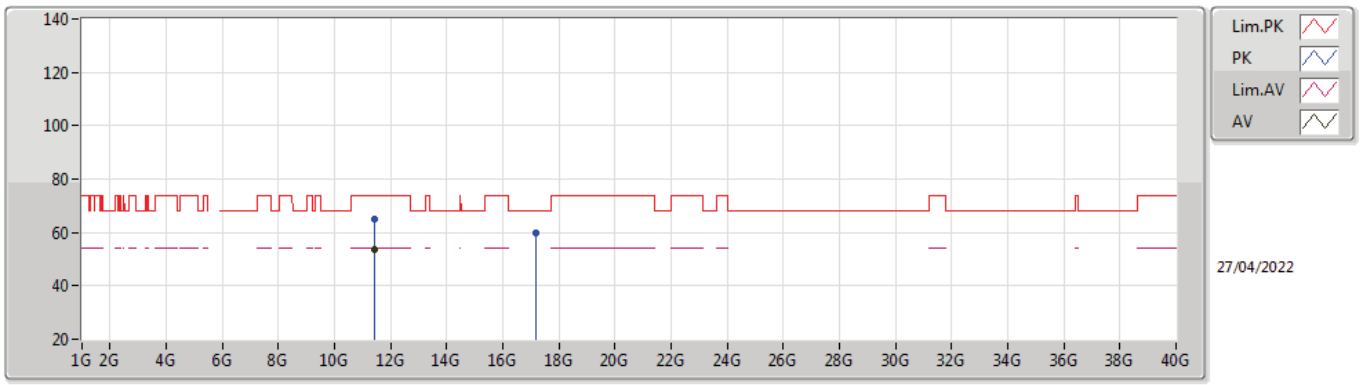
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.4404G	51.13	54.00	-2.87	13.54	3	Vertical	339	2.19	-	37.59	38.82	9.35	34.63
PK	11.44241G	62.40	74.00	-11.60	13.55	3	Vertical	339	2.19	-	48.85	38.82	9.35	34.62
PK	17.15886G	62.32	68.20	-5.88	16.93	3	Vertical	280	2.20	-	45.39	38.18	12.90	34.15

802.11ac VHT20_Nss2,(MCS0)_2TX

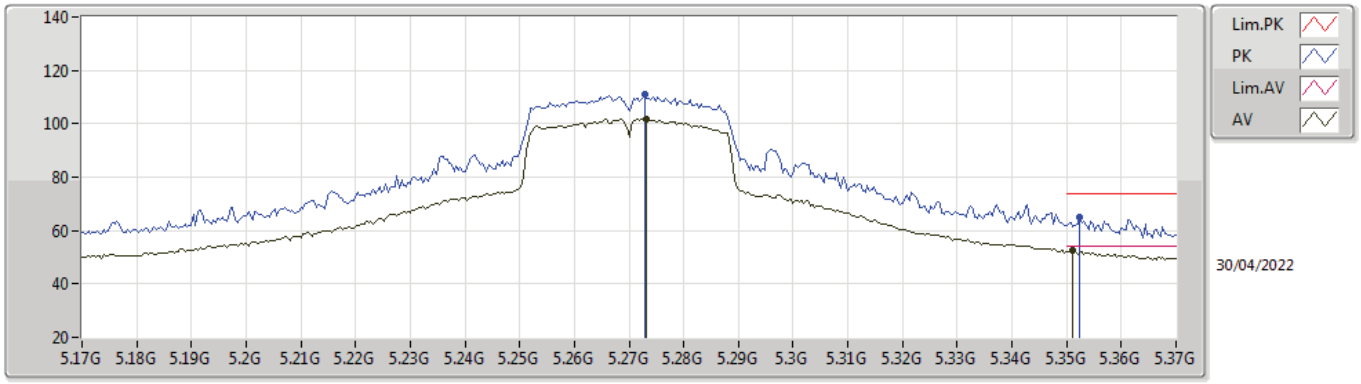
5720MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.44082G	53.82	54.00	-0.18	13.54	3	Horizontal	35	1.02	-	40.28	38.82	9.35	34.63
PK	11.43906G	65.02	74.00	-8.98	13.53	3	Horizontal	35	1.02	-	51.49	38.82	9.34	34.63
PK	17.16037G	59.97	68.20	-8.23	16.93	3	Horizontal	256	2.50	-	43.04	38.18	12.90	34.15

802.11ac VHT40_Nss2,(MCS0)_2TX

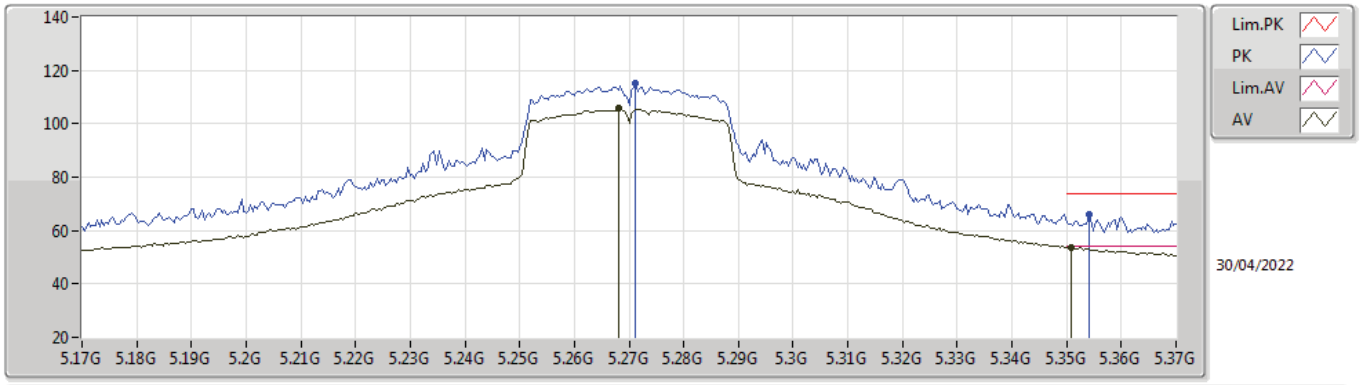
5270MHz_TnomVnom



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	5.2732G	101.67	Inf	-Inf	5.21	3	Vertical	248	2.67	-	96.46	33.01	6.97	34.77
AV	5.3512G	52.42	54.00	-1.58	5.00	3	Vertical	248	2.67	-	47.42	32.71	7.06	34.77
PK	5.2728G	110.79	Inf	-Inf	5.21	3	Vertical	248	2.67	-	105.58	33.01	6.97	34.77
PK	5.3524G	64.75	74.00	-9.25	5.01	3	Vertical	248	2.67	-	59.74	32.71	7.07	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

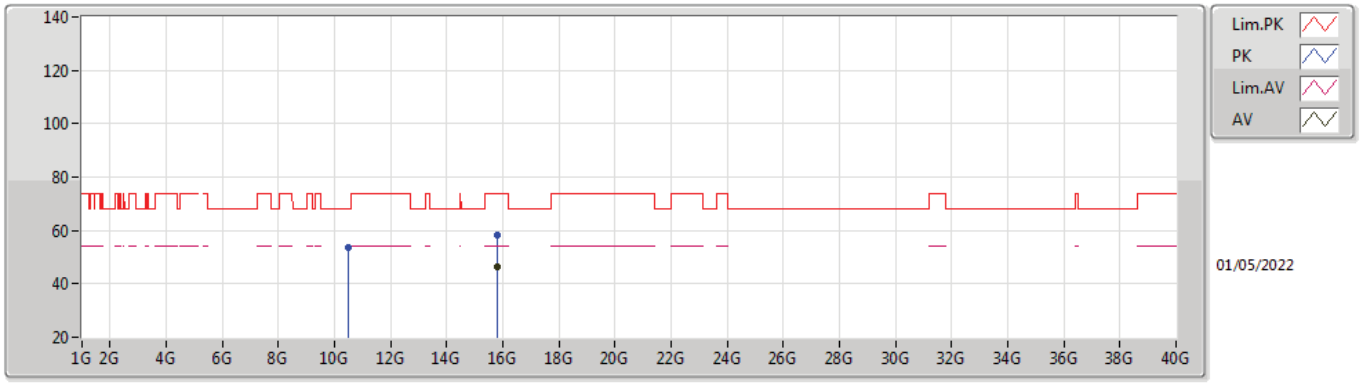
5270MHz_TnomVnom



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	5.268G	105.65	Inf	-Inf	5.23	3	Horizontal	331	2.71	-	100.42	33.03	6.97	34.77
AV	5.3508G	53.65	54.00	-0.35	4.99	3	Horizontal	331	2.71	-	48.66	32.70	7.06	34.77
PK	5.2712G	114.93	Inf	-Inf	5.22	3	Horizontal	331	2.71	-	109.71	33.02	6.97	34.77
PK	5.354G	65.83	74.00	-8.17	5.02	3	Horizontal	331	2.71	-	60.81	32.72	7.07	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

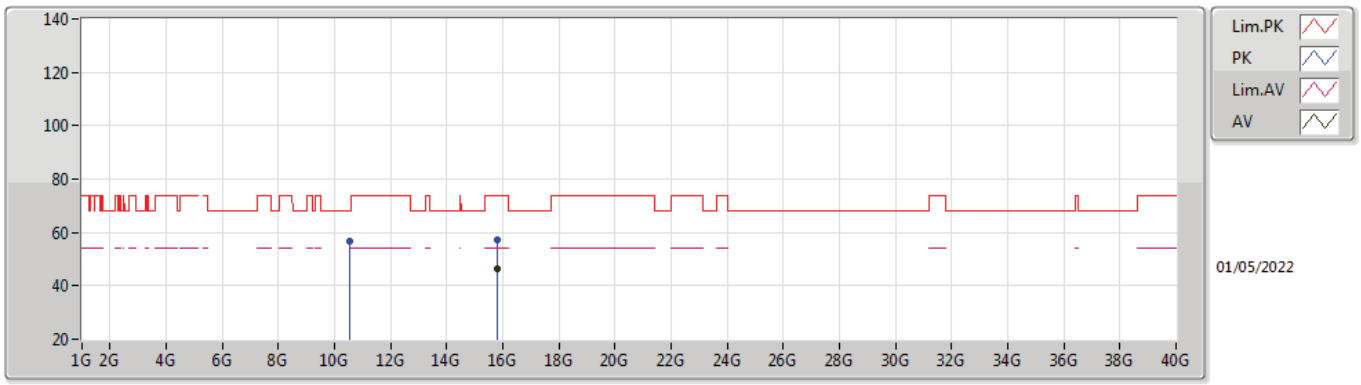
5270MHz_TnomVnom



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	15.81054G	46.59	54.00	-7.41	15.25	3	Vertical	304	1.10	-	31.34	37.96	12.37	35.08
PK	10.51424G	53.85	68.20	-14.35	12.78	3	Vertical	20.7	1.12	-	41.07	38.64	9.04	34.90
PK	15.80782G	58.35	74.00	-15.65	15.26	3	Vertical	304	1.10	-	43.09	37.97	12.37	35.08

802.11ac VHT40_Nss2,(MCS0)_2TX

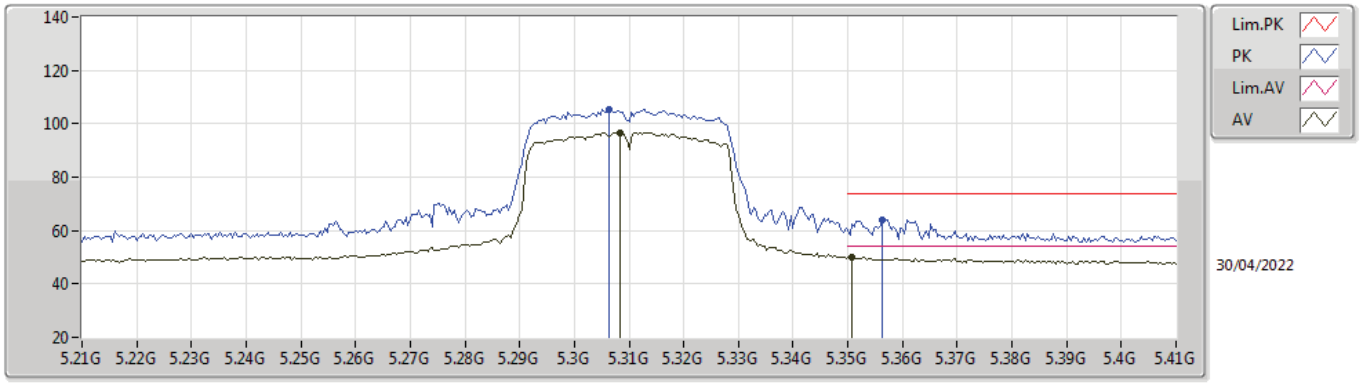
5270MHz_TnomVnom



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	15.81284G	46.51	54.00	-7.49	15.24	3	Horizontal	238	1.71	-	31.27	37.95	12.37	35.08
PK	10.5296G	56.80	68.20	-11.40	12.84	3	Horizontal	33	1.01	-	43.96	38.69	9.04	34.89
PK	15.80646G	57.29	74.00	-16.71	15.26	3	Horizontal	238	1.71	-	42.03	37.97	12.37	35.08

802.11ac VHT40_Nss2,(MCS0)_2TX

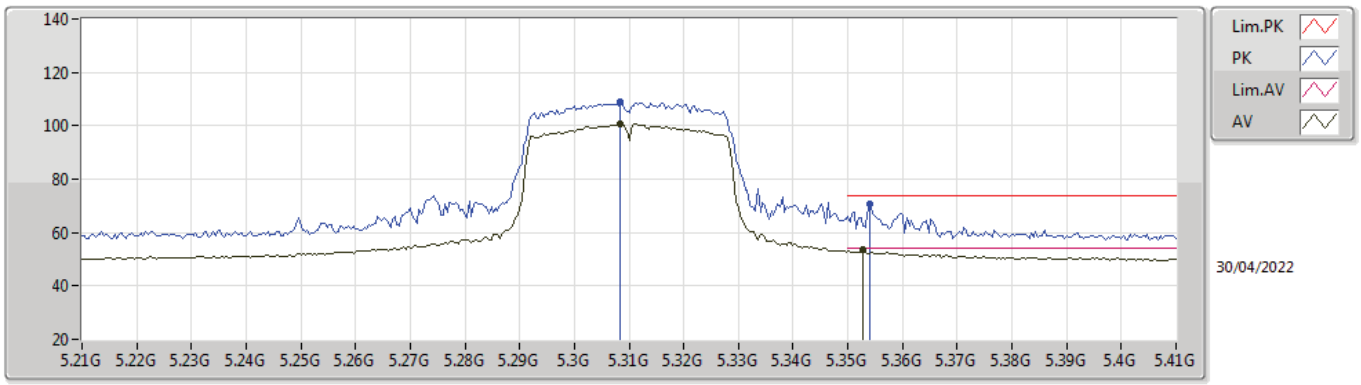
5310MHz_TnomVnom



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	5.3084G	96.69	Inf	-Inf	5.11	3	Vertical	249	2.65	-	91.58	32.87	7.01	34.77
AV	5.3508G	50.07	54.00	-3.93	4.99	3	Vertical	249	2.65	-	45.08	32.70	7.06	34.77
PK	5.3064G	105.38	Inf	-Inf	5.11	3	Vertical	249	2.65	-	100.27	32.87	7.01	34.77
PK	5.3564G	64.10	74.00	-9.90	5.04	3	Vertical	249	2.65	-	59.06	32.74	7.07	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

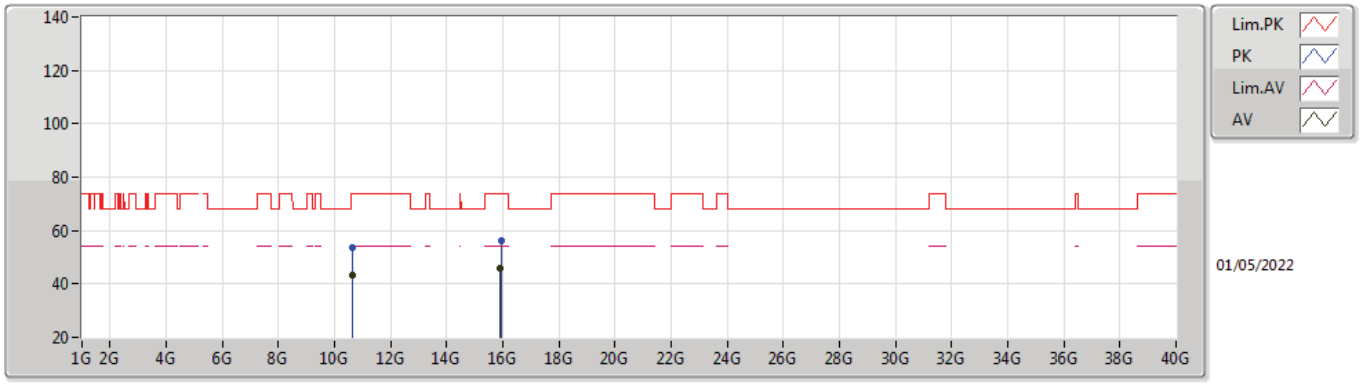
5310MHz_TnomVnom



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	5.3084G	100.56	Inf	-Inf	5.11	3	Horizontal	329	2.67	-	95.45	32.87	7.01	34.77
AV	5.3528G	53.52	54.00	-0.48	5.02	3	Horizontal	329	2.67	-	48.50	32.72	7.07	34.77
PK	5.3084G	108.80	Inf	-Inf	5.11	3	Horizontal	329	2.67	-	103.69	32.87	7.01	34.77
PK	5.354G	70.48	74.00	-3.52	5.02	3	Horizontal	329	2.67	-	65.46	32.72	7.07	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

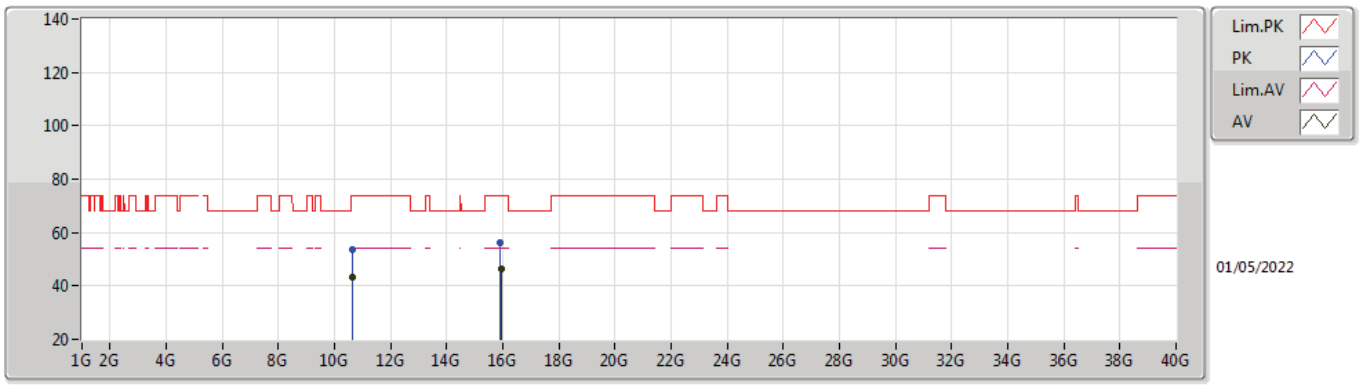
5310MHz_TnomVnom



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	10.61818G	43.19	54.00	-10.81	13.15	3	Vertical	106	1.72	-	30.04	38.94	9.07	34.86
AV	15.92572G	45.90	54.00	-8.10	14.94	3	Vertical	164	1.48	-	30.96	37.60	12.49	35.15
PK	10.62152G	53.71	74.00	-20.29	13.16	3	Vertical	106	1.72	-	40.55	38.94	9.08	34.86
PK	15.93086G	56.38	74.00	-17.62	14.94	3	Vertical	164	1.48	-	41.44	37.60	12.49	35.15

802.11ac VHT40_Nss2,(MCS0)_2TX

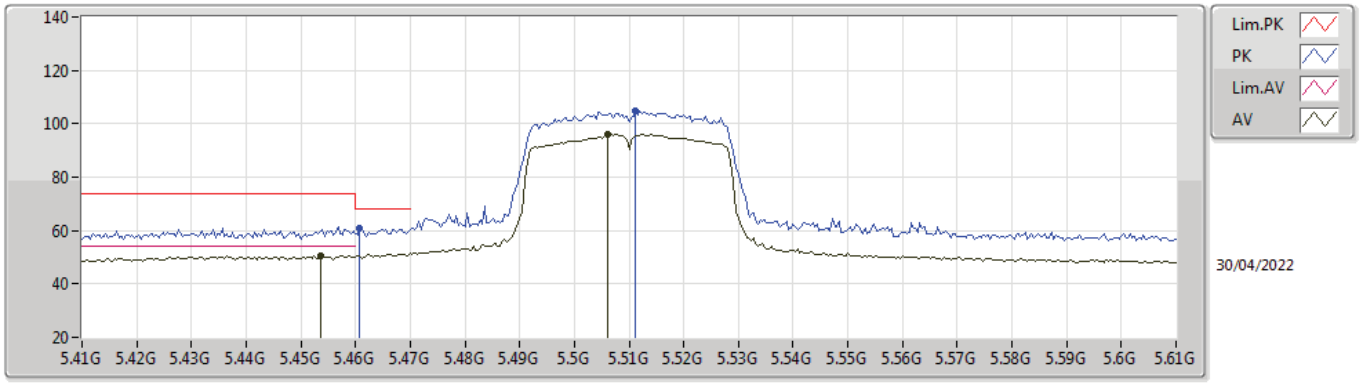
5310MHz_TnomVnom



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	10.61898G	43.49	54.00	-10.51	13.15	3	Horizontal	172	1.10	-	30.34	38.94	9.07	34.86
AV	15.93352G	46.18	54.00	-7.82	14.94	3	Horizontal	322	1.21	-	31.24	37.60	12.49	35.15
PK	10.62366G	53.53	74.00	-20.47	13.17	3	Horizontal	172	1.10	-	40.36	38.95	9.08	34.86
PK	15.92558G	55.98	74.00	-18.02	14.94	3	Horizontal	322	1.21	-	41.04	37.60	12.49	35.15

802.11ac VHT40_Nss2,(MCS0)_2TX

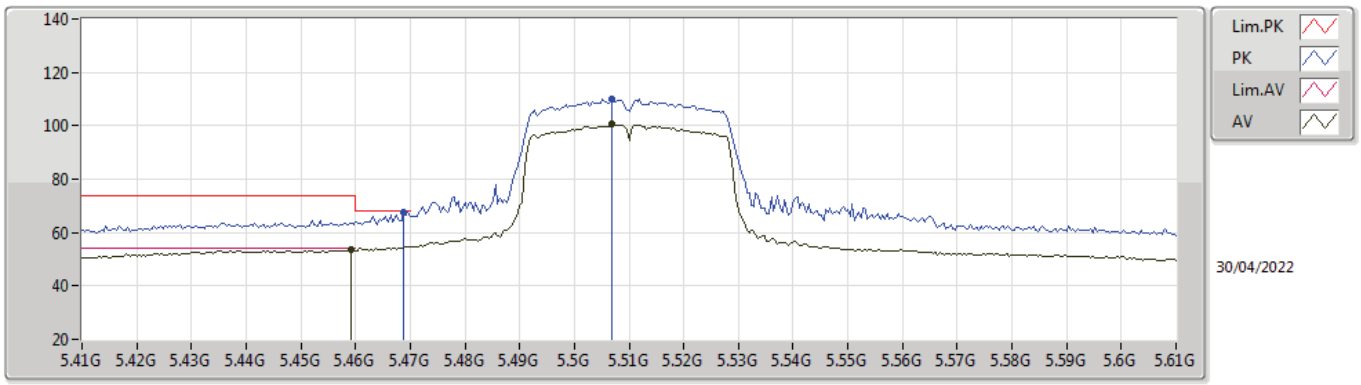
5510MHz_TnomVnom



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	5.4536G	50.46	54.00	-3.54	5.13	3	Vertical	289	2.06	-	45.33	32.81	7.09	34.77
AV	5.506G	96.06	Inf	-Inf	5.19	3	Vertical	289	2.06	-	90.87	32.91	7.05	34.77
PK	5.4608G	60.77	68.20	-7.43	5.13	3	Vertical	289	2.06	-	55.64	32.82	7.08	34.77
PK	5.5112G	105.07	Inf	-Inf	5.20	3	Vertical	289	2.06	-	99.87	32.92	7.05	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

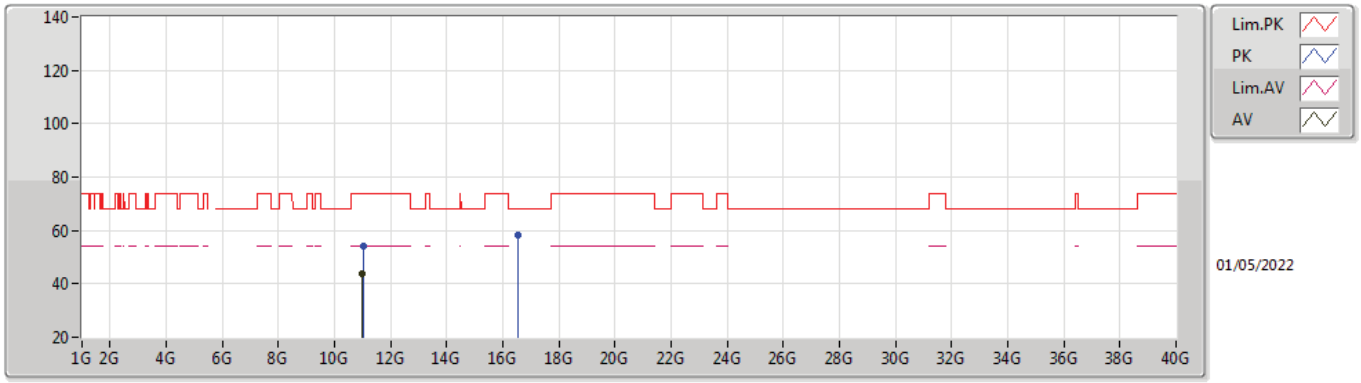
5510MHz_TnomVnom



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	5.4592G	53.40	54.00	-0.60	5.13	3	Horizontal	327	2.50	-	48.27	32.82	7.08	34.77
AV	5.5068G	100.54	Inf	-Inf	5.19	3	Horizontal	327	2.50	-	95.35	32.91	7.05	34.77
PK	5.4688G	67.52	68.20	-0.68	5.15	3	Horizontal	327	2.50	-	62.37	32.84	7.08	34.77
PK	5.5068G	110.23	Inf	-Inf	5.19	3	Horizontal	327	2.50	-	105.04	32.91	7.05	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

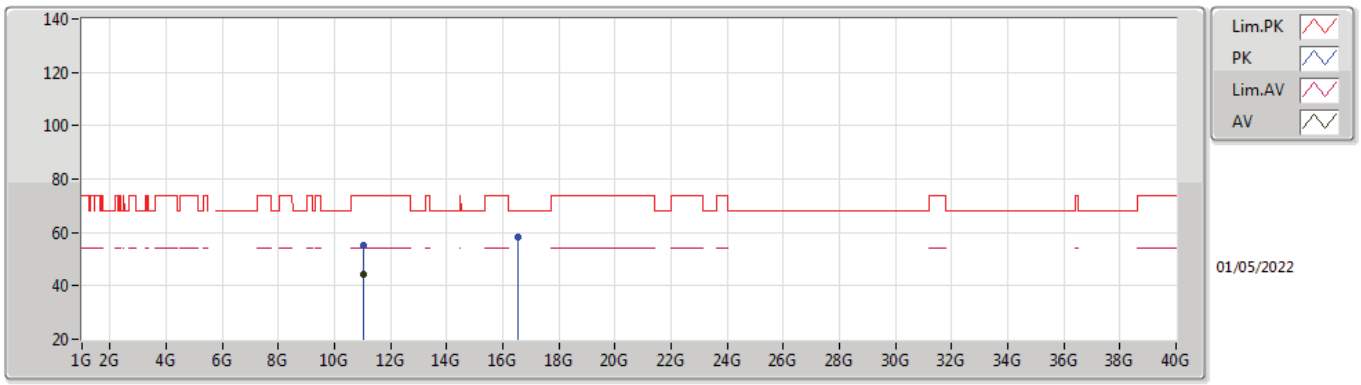
5510MHz_TnomVnom



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	10.99488G	43.97	54.00	-10.03	13.17	3	Vertical	360	1.50	-	30.80	38.71	9.20	34.74
PK	11.04288G	54.32	74.00	-19.68	13.14	3	Vertical	360	1.50	-	41.18	38.66	9.21	34.73
PK	16.52264G	58.25	68.20	-9.95	16.43	3	Vertical	120	2.21	-	41.82	38.61	12.71	34.89

802.11ac VHT40_Nss2,(MCS0)_2TX

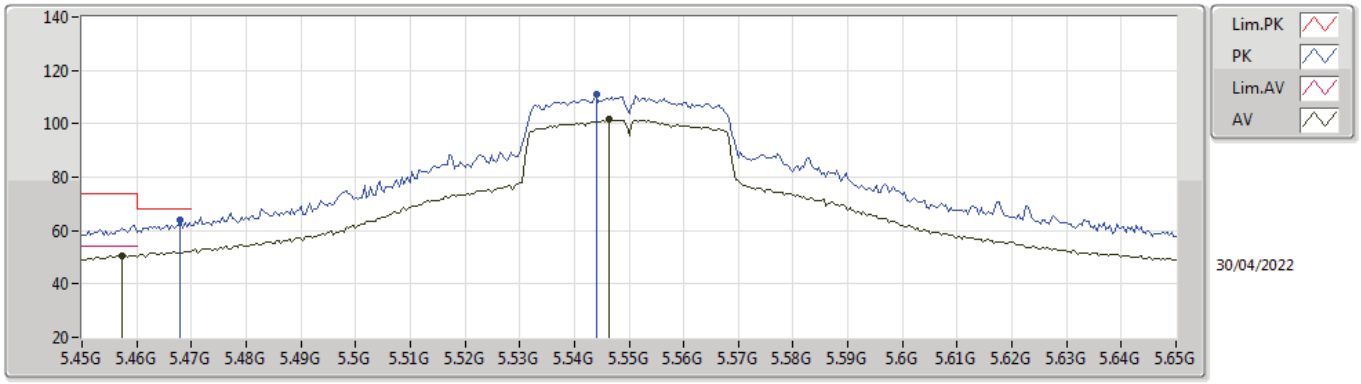
5510MHz_TnomVnom



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	11.02G	44.41	54.00	-9.59	13.16	3	Horizontal	15	1.00	-	31.25	38.68	9.21	34.73
PK	11.0216G	55.12	74.00	-18.88	13.16	3	Horizontal	15	1.00	-	41.96	38.68	9.21	34.73
PK	16.52704G	58.14	68.20	-10.06	16.41	3	Horizontal	165	1.41	-	41.73	38.59	12.71	34.89

802.11ac VHT40_Nss2,(MCS0)_2TX

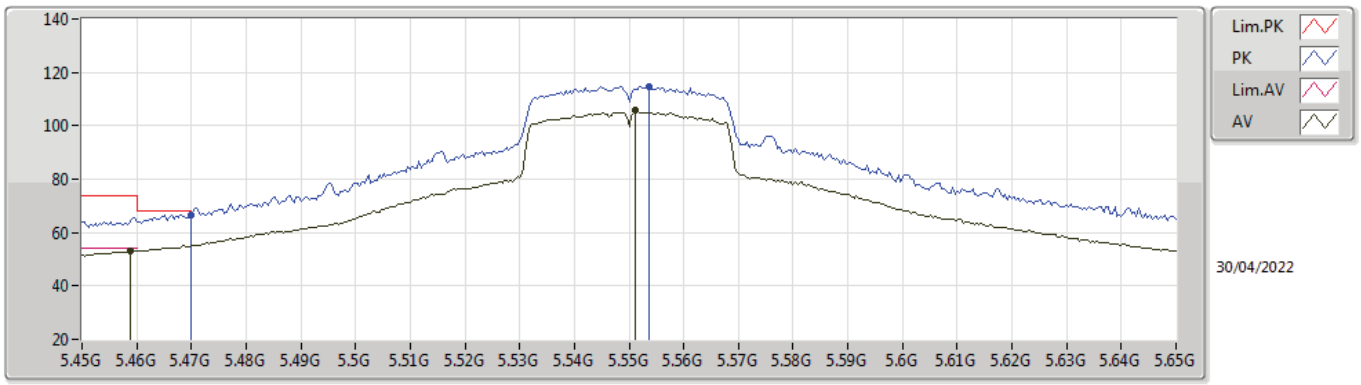
5550MHz_TnomVnom



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	5.4572G	50.72	54.00	-3.28	5.12	3	Vertical	288	2.05	-	45.60	32.81	7.08	34.77
AV	5.5464G	101.78	Inf	-Inf	5.24	3	Vertical	288	2.05	-	96.54	32.99	7.02	34.77
PK	5.468G	64.06	68.20	-4.14	5.15	3	Vertical	288	2.05	-	58.91	32.84	7.08	34.77
PK	5.544G	110.89	Inf	-Inf	5.25	3	Vertical	288	2.05	-	105.64	32.99	7.03	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

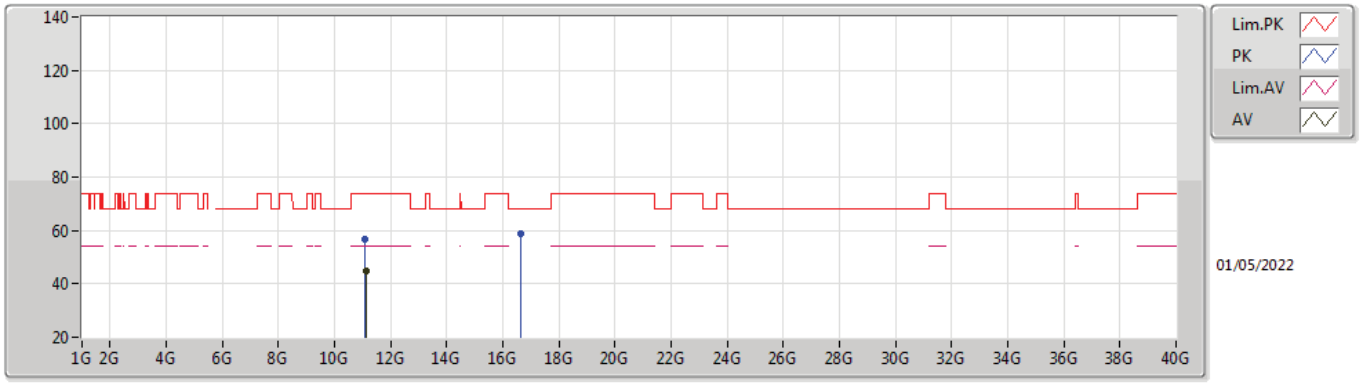
5550MHz_TnomVnom



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	5.4588G	53.04	54.00	-0.96	5.13	3	Horizontal	198	1.00	-	47.91	32.82	7.08	34.77
AV	5.5512G	105.63	Inf	-Inf	5.25	3	Horizontal	198	1.00	-	100.38	33.00	7.02	34.77
PK	5.47G	66.62	68.20	-1.58	5.14	3	Horizontal	198	1.00	-	61.48	32.84	7.07	34.77
PK	5.5536G	114.68	Inf	-Inf	5.25	3	Horizontal	198	1.00	-	109.43	33.00	7.02	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

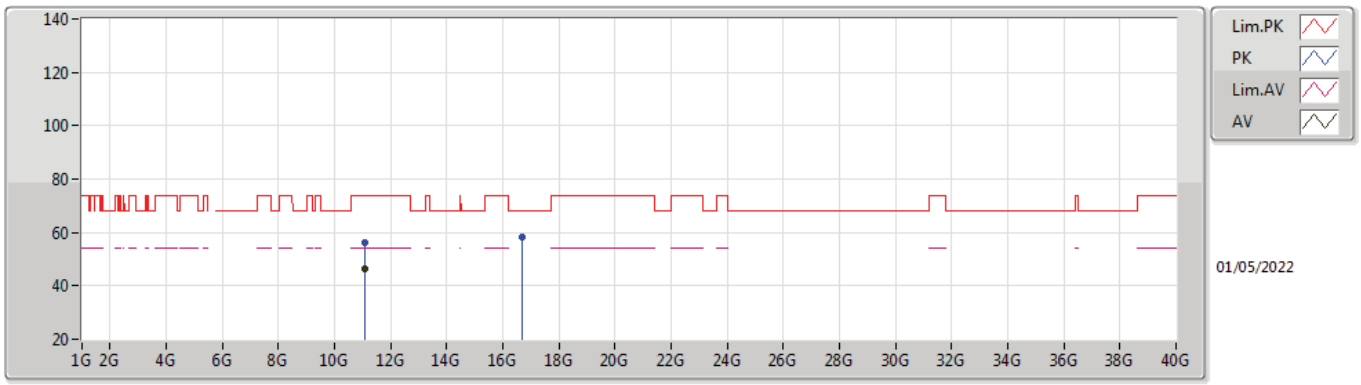
5550MHz_TnomVnom



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	11.1072G	44.93	54.00	-9.07	13.14	3	Vertical	327	1.11	-	31.79	38.61	9.24	34.71
PK	11.06288G	56.47	74.00	-17.53	13.14	3	Vertical	327	1.11	-	43.33	38.64	9.22	34.72
PK	16.65008G	58.78	68.20	-9.42	16.31	3	Vertical	174	1.62	-	42.47	38.20	12.75	34.64

802.11ac VHT40_Nss2,(MCS0)_2TX

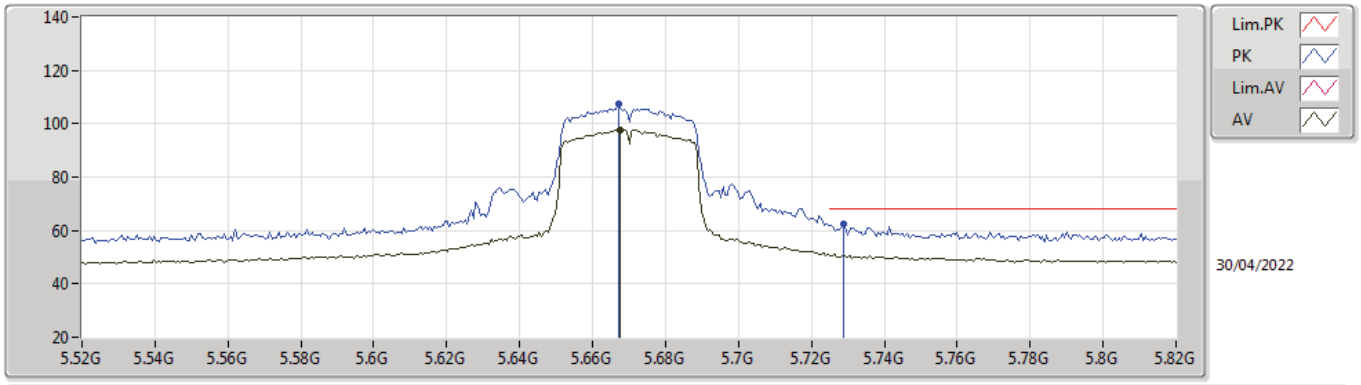
5550MHz_TnomVnom



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	11.10432G	46.17	54.00	-7.83	13.12	3	Horizontal	36	1.06	-	33.05	38.60	9.23	34.71
PK	11.10016G	56.04	74.00	-17.96	13.12	3	Horizontal	36	1.06	-	42.92	38.60	9.23	34.71
PK	16.66832G	58.33	68.20	-9.87	16.31	3	Horizontal	251	2.84	-	42.02	38.16	12.75	34.60

802.11ac VHT40_Nss2,(MCS0)_2TX

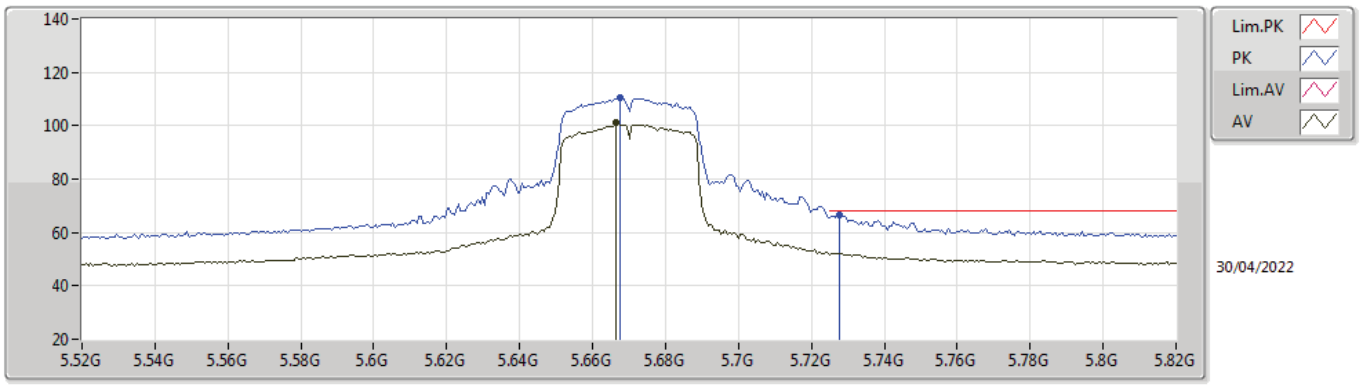
5670MHz_TnomVnom



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	5.6676G	97.76	Inf	-Inf	5.33	3	Vertical	289	2.08	-	92.43	33.14	6.96	34.77
PK	5.667G	107.30	Inf	-Inf	5.33	3	Vertical	289	2.08	-	101.97	33.14	6.96	34.77
PK	5.7288G	62.61	68.20	-5.59	5.69	3	Vertical	289	2.08	-	56.92	33.52	6.94	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

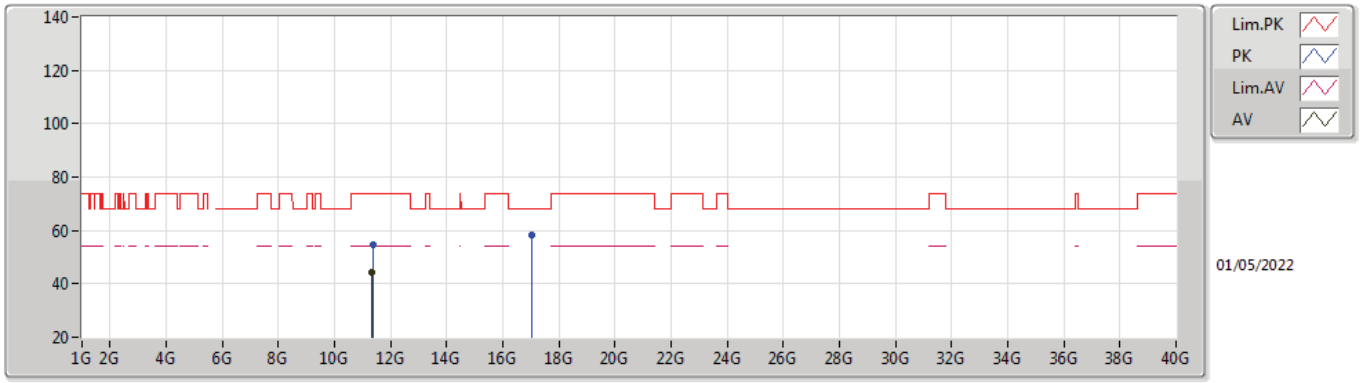
5670MHz_TnomVnom



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	5.6664G	101.07	Inf	-Inf	5.32	3	Horizontal	342	1.07	-	95.75	33.13	6.96	34.77
PK	5.6676G	110.57	Inf	-Inf	5.33	3	Horizontal	342	1.07	-	105.24	33.14	6.96	34.77
PK	5.7276G	66.65	68.20	-1.55	5.68	3	Horizontal	342	1.07	-	60.97	33.51	6.94	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

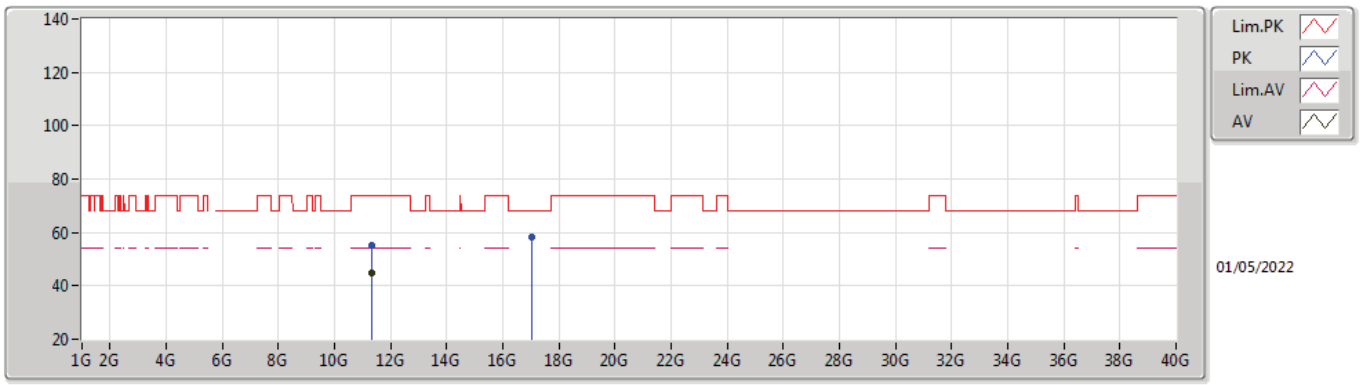
5670MHz_TnomVnom



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	11.34112G	44.43	54.00	-9.57	13.56	3	Vertical	325	1.00	-	30.87	38.90	9.31	34.65
PK	11.368G	54.57	74.00	-19.43	13.58	3	Vertical	325	1.00	-	40.99	38.90	9.32	34.64
PK	17.01956G	58.52	68.20	-9.68	16.89	3	Vertical	66	2.79	-	41.63	38.00	12.86	33.97

802.11ac VHT40_Nss2,(MCS0)_2TX

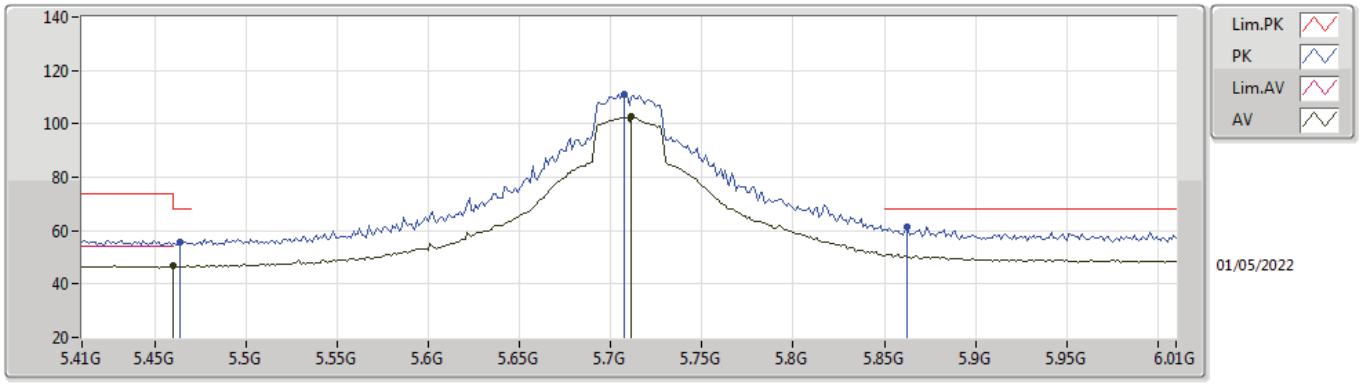
5670MHz_TnomVnom



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	11.34384G	44.94	54.00	-9.06	13.56	3	Horizontal	34	1.00	-	31.38	38.90	9.31	34.65
PK	11.32976G	55.20	74.00	-18.80	13.56	3	Horizontal	34	1.00	-	41.64	38.90	9.31	34.65
PK	17.01076G	58.08	68.20	-10.12	16.90	3	Horizontal	246	2.31	-	41.18	38.00	12.85	33.95

802.11ac VHT40_Nss2,(MCS0)_2TX

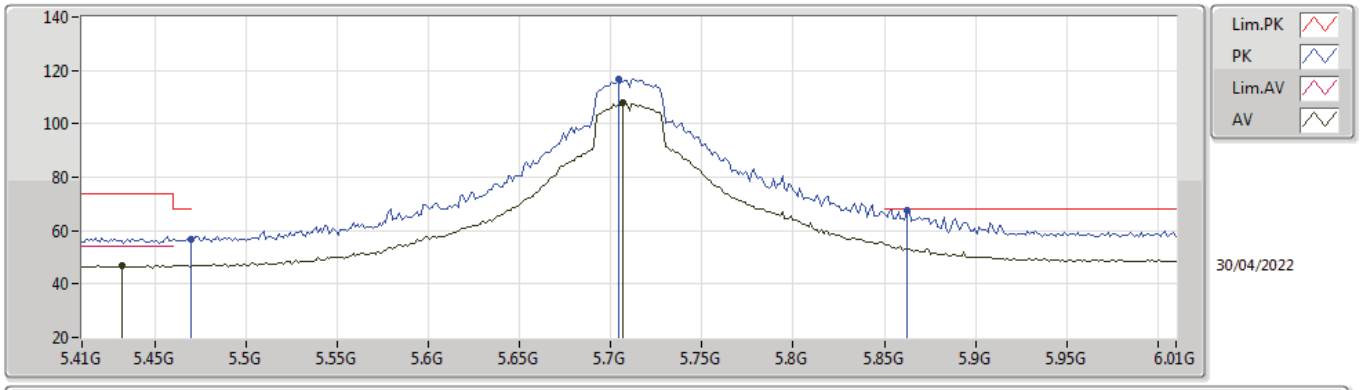
5710MHz Straddle 5.47-5.725GHz_TnomVnom



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	46.93	54.00	-7.07	5.13	3	Vertical	293	2.18	-	41.80	32.82	7.08	34.77
AV	5.7112G	102.56	Inf	-Inf	5.62	3	Vertical	293	2.18	-	96.94	33.44	6.95	34.77
PK	5.464G	55.79	68.20	-12.41	5.14	3	Vertical	293	2.18	-	50.65	32.83	7.08	34.77
PK	5.7076G	111.07	Inf	-Inf	5.61	3	Vertical	293	2.18	-	105.46	33.43	6.95	34.77
PK	5.8624G	61.56	68.20	-6.64	6.56	3	Vertical	293	2.18	-	55.00	34.15	7.18	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

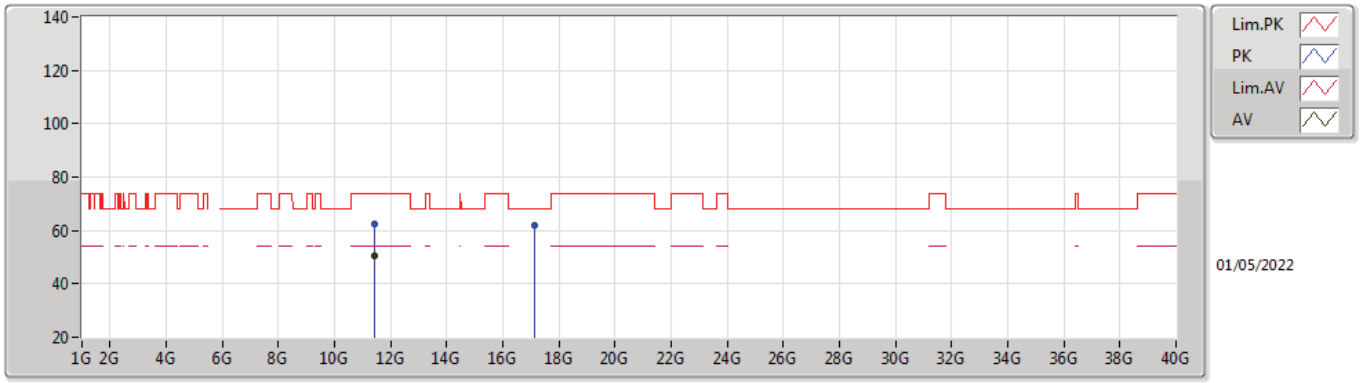
5710MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4316G	46.92	54.00	-7.08	5.20	3	Horizontal	340	2.60	-	41.72	32.87	7.10	34.77
AV	5.7064G	107.85	Inf	-Inf	5.61	3	Horizontal	340	2.60	-	102.24	33.43	6.95	34.77
PK	5.47G	56.85	68.20	-11.35	5.14	3	Horizontal	340	2.60	-	51.71	32.84	7.07	34.77
PK	5.704G	116.72	Inf	-Inf	5.60	3	Horizontal	340	2.60	-	111.12	33.42	6.95	34.77
PK	5.8624G	67.81	68.20	-0.39	6.56	3	Horizontal	340	2.60	-	61.25	34.15	7.18	34.77

802.11ac VHT40_Nss2,(MCS0)_2TX

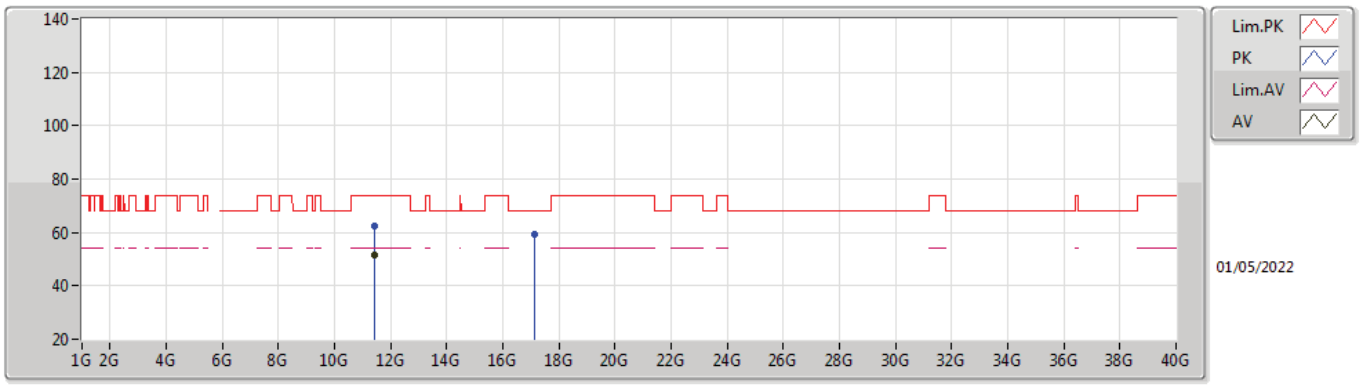
5710MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.41888G	50.66	54.00	-3.34	13.57	3	Vertical	321	1.00	-	37.09	38.86	9.34	34.63
PK	11.41648G	62.22	74.00	-11.78	13.58	3	Vertical	321	1.00	-	48.64	38.87	9.34	34.63
PK	17.12056G	61.76	68.20	-6.44	16.84	3	Vertical	256	2.64	-	44.92	38.06	12.88	34.10

802.11ac VHT40_Nss2,(MCS0)_2TX

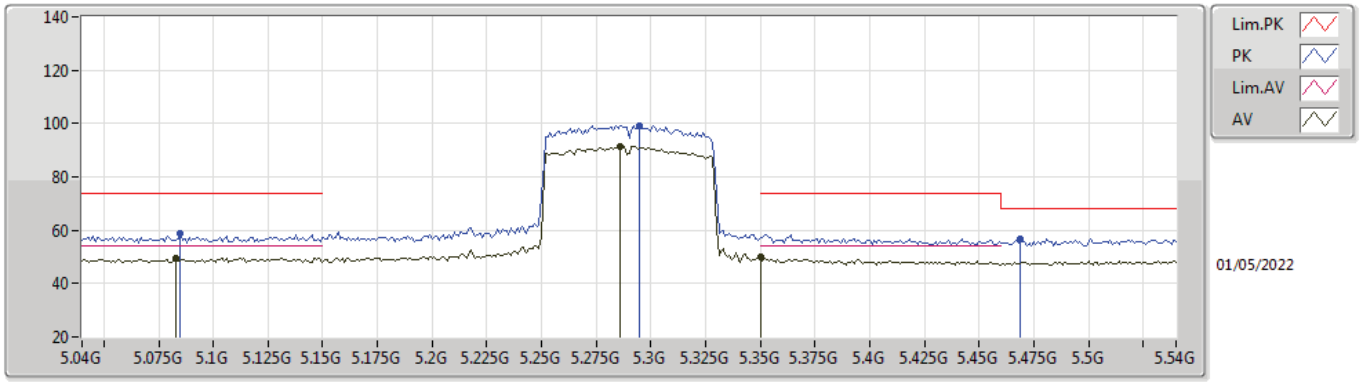
5710MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.41856G	51.42	54.00	-2.58	13.57	3	Horizontal	34	1.01	-	37.85	38.86	9.34	34.63
PK	11.41664G	62.30	74.00	-11.70	13.58	3	Horizontal	34	1.01	-	48.72	38.87	9.34	34.63
PK	17.13072G	59.40	68.20	-8.80	16.86	3	Horizontal	0	1.00	-	42.54	38.09	12.89	34.12

802.11ac VHT80_Nss2,(MCS0)_2TX

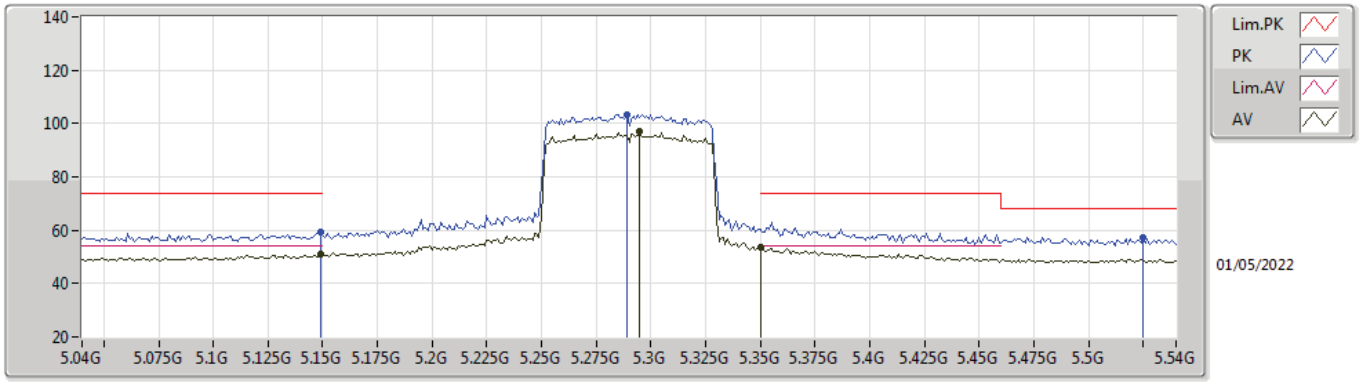
5290MHz_TnomVnom



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	5.083G	49.56	54.00	-4.44	5.11	3	Vertical	280	2.01	-	44.45	33.03	6.84	34.76
AV	5.286G	91.59	Inf	-Inf	5.18	3	Vertical	280	2.01	-	86.41	32.96	6.99	34.77
AV	5.35G	50.07	54.00	-3.93	4.99	3	Vertical	280	2.01	-	45.08	32.70	7.06	34.77
PK	5.085G	59.01	74.00	-14.99	5.11	3	Vertical	280	2.01	-	53.90	33.03	6.84	34.76
PK	5.295G	99.31	Inf	-Inf	5.15	3	Vertical	280	2.01	-	94.16	32.92	7.00	34.77
PK	5.469G	56.66	68.20	-11.54	5.15	3	Vertical	280	2.01	-	51.51	32.84	7.08	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

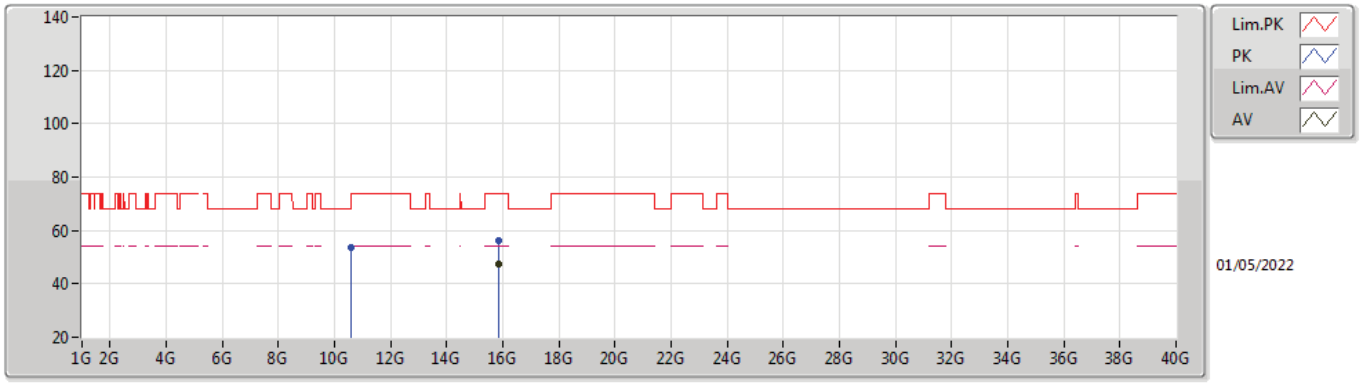
5290MHz_TnomVnom



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	5.149G	50.83	54.00	-3.17	5.21	3	Horizontal	270	1.01	-	45.62	33.10	6.87	34.76
AV	5.295G	97.26	Inf	-Inf	5.15	3	Horizontal	270	1.01	-	92.11	32.92	7.00	34.77
AV	5.35G	53.81	54.00	-0.19	4.99	3	Horizontal	270	1.01	-	48.82	32.70	7.06	34.77
PK	5.149G	59.44	74.00	-14.56	5.21	3	Horizontal	270	1.01	-	54.23	33.10	6.87	34.76
PK	5.289G	103.44	Inf	-Inf	5.16	3	Horizontal	270	1.01	-	98.28	32.94	6.99	34.77
PK	5.525G	57.33	68.20	-10.87	5.22	3	Horizontal	270	1.01	-	52.11	32.95	7.04	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

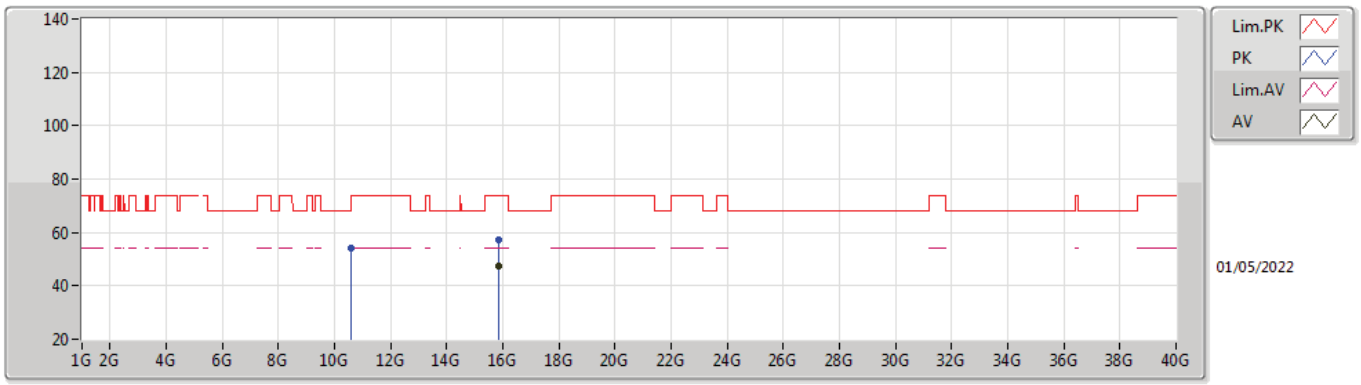
5290MHz_TnomVnom



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	15.86638G	47.56	54.00	-6.44	15.05	3	Vertical	27	2.71	-	32.51	37.73	12.43	35.11
PK	10.57728G	53.49	68.20	-14.71	13.01	3	Vertical	247	1.59	-	40.48	38.83	9.06	34.88
PK	15.86564G	56.06	74.00	-17.94	15.06	3	Vertical	27	2.71	-	41.00	37.74	12.43	35.11

802.11ac VHT80_Nss2,(MCS0)_2TX

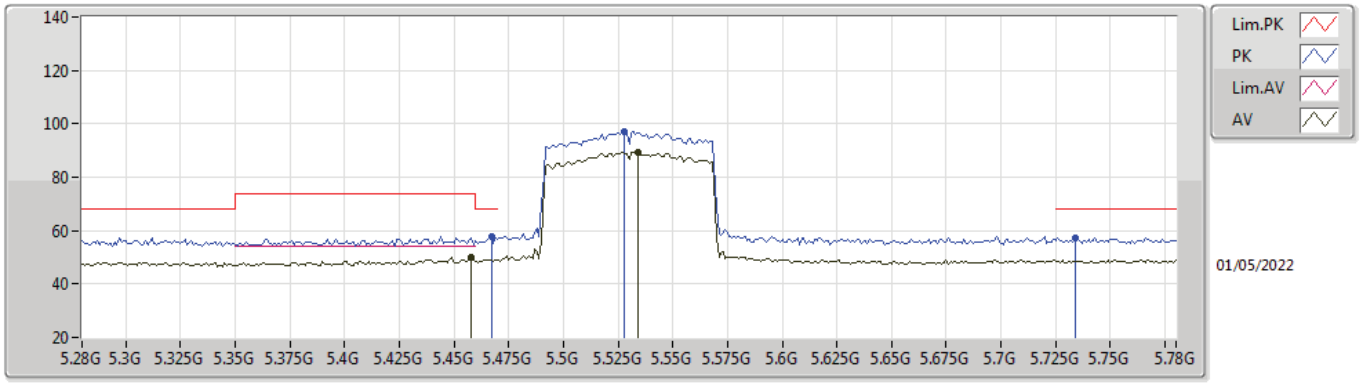
5290MHz_TnomVnom



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	15.87146G	47.55	54.00	-6.45	15.02	3	Horizontal	310	1.40	-	32.53	37.71	12.43	35.12
PK	10.58318G	53.90	68.20	-14.30	13.04	3	Horizontal	61	2.95	-	40.86	38.85	9.06	34.87
PK	15.87026G	57.01	74.00	-16.99	15.04	3	Horizontal	310	1.40	-	41.97	37.72	12.43	35.11

802.11ac VHT80_Nss2,(MCS0)_2TX

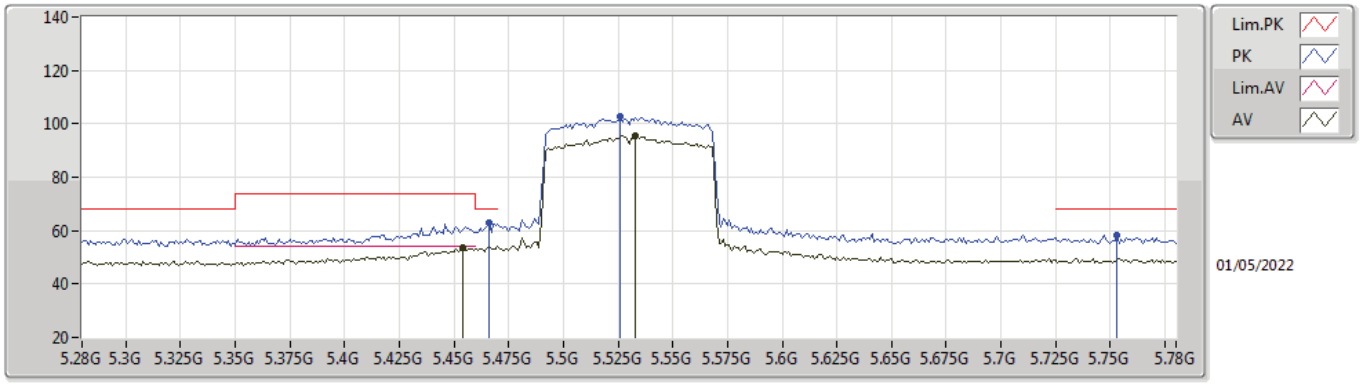
5530MHz_TnomVnom



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	49.88	54.00	-4.12	5.13	3	Vertical	280	1.81	-	44.75	32.82	7.08	34.77
AV	5.534G	89.46	Inf	-Inf	5.23	3	Vertical	280	1.81	-	84.23	32.97	7.03	34.77
PK	5.467G	57.61	68.20	-10.59	5.14	3	Vertical	280	1.81	-	52.47	32.83	7.08	34.77
PK	5.528G	97.10	Inf	-Inf	5.23	3	Vertical	280	1.81	-	91.87	32.96	7.04	34.77
PK	5.734G	57.44	68.20	-10.76	5.71	3	Vertical	280	1.81	-	51.73	33.54	6.94	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

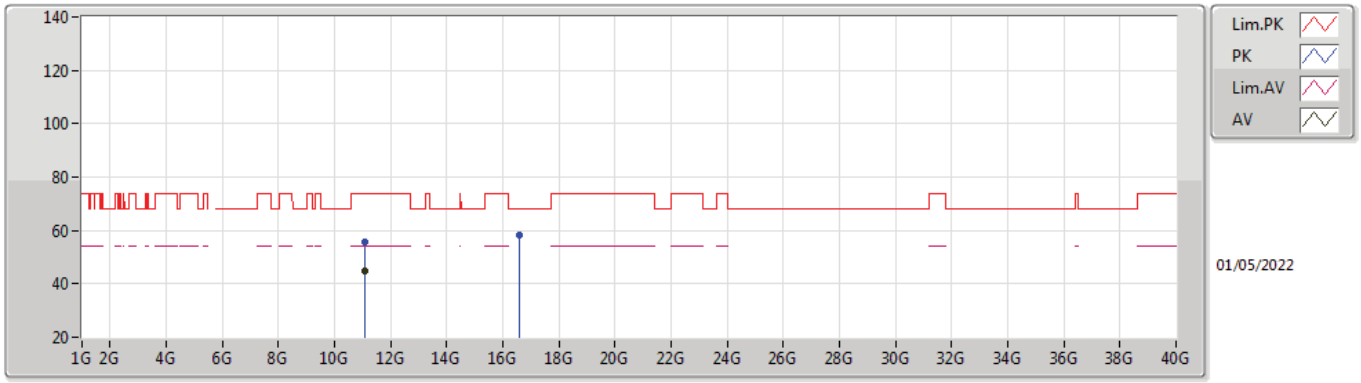
5530MHz_TnomVnom



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	53.79	54.00	-0.21	5.12	3	Horizontal	268	1.00	-	48.67	32.81	7.08	34.77
AV	5.533G	95.60	Inf	-Inf	5.23	3	Horizontal	268	1.00	-	90.37	32.97	7.03	34.77
PK	5.466G	63.01	68.20	-5.19	5.14	3	Horizontal	268	1.00	-	57.87	32.83	7.08	34.77
PK	5.526G	102.90	Inf	-Inf	5.22	3	Horizontal	268	1.00	-	97.68	32.95	7.04	34.77
PK	5.753G	58.52	68.20	-9.68	5.78	3	Horizontal	268	1.00	-	52.74	33.62	6.93	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

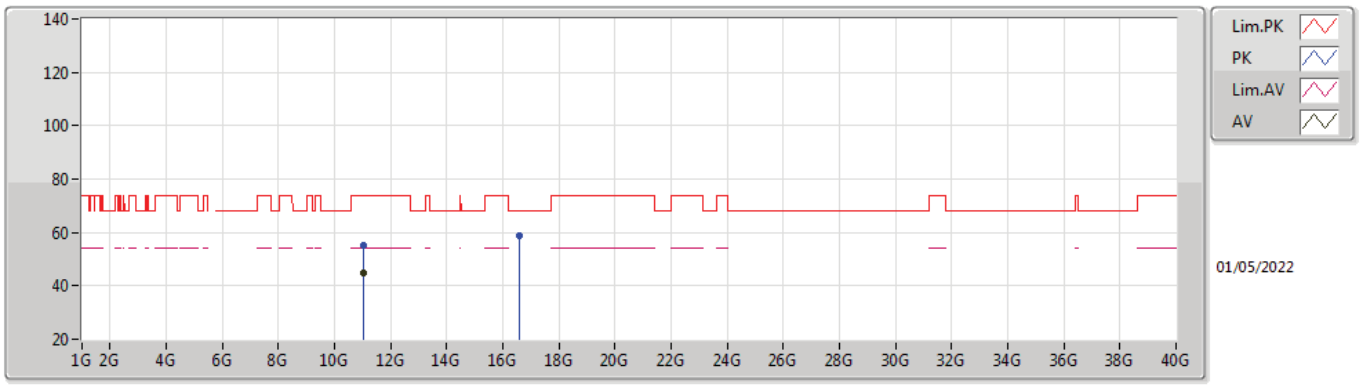
5530MHz_TnomVnom



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	11.0632G	44.81	54.00	-9.19	13.14	3	Vertical	216	1.46	-	31.67	38.64	9.22	34.72
PK	11.06498G	55.59	74.00	-18.41	13.14	3	Vertical	216	1.46	-	42.45	38.64	9.22	34.72
PK	16.58998G	58.27	68.20	-9.93	16.31	3	Vertical	243	1.60	-	41.96	38.34	12.73	34.76

802.11ac VHT80_Nss2,(MCS0)_2TX

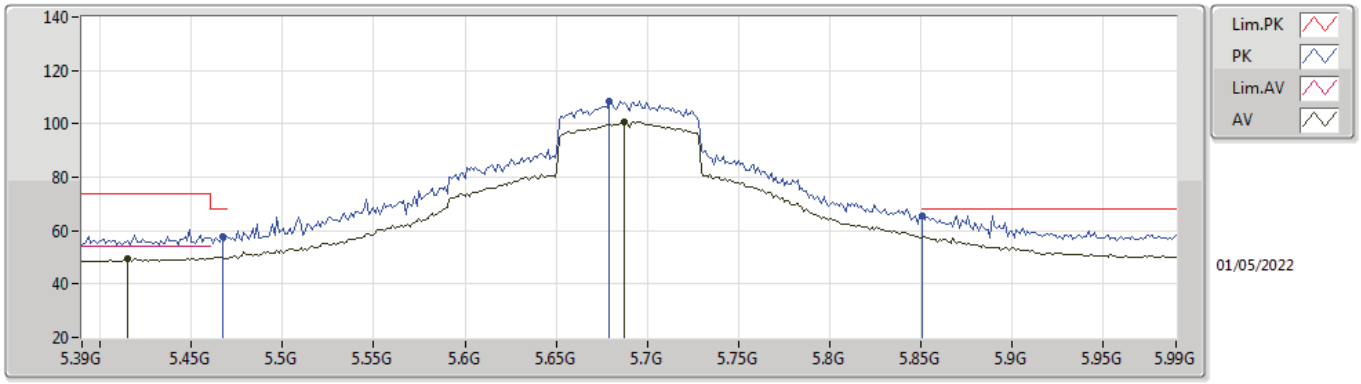
5530MHz_TnomVnom



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	11.055G	44.80	54.00	-9.20	13.14	3	Horizontal	291	2.16	-	31.66	38.65	9.22	34.73
PK	11.05728G	55.00	74.00	-19.00	13.13	3	Horizontal	291	2.16	-	41.87	38.64	9.22	34.73
PK	16.58666G	58.87	68.20	-9.33	16.31	3	Horizontal	98	2.74	-	42.56	38.35	12.73	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

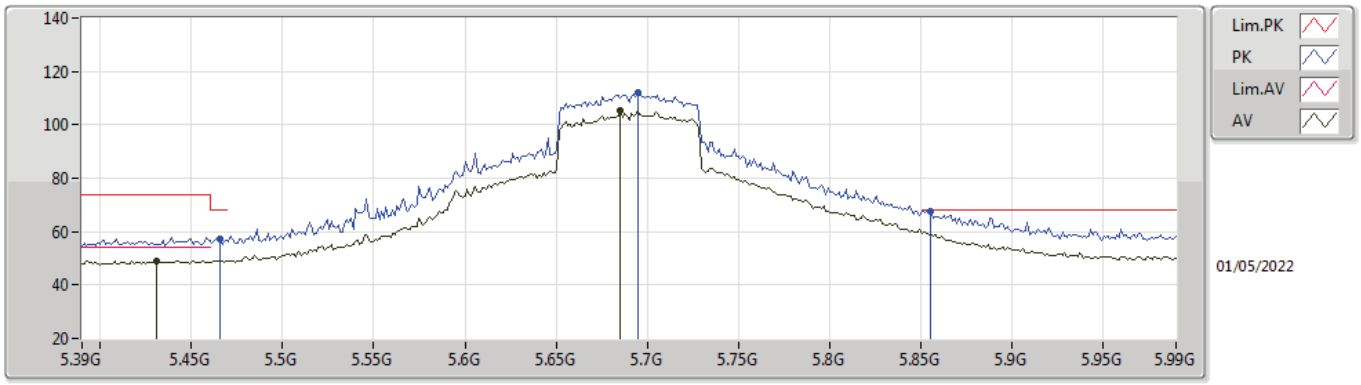
5690MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4152G	49.62	54.00	-4.38	5.28	3	Vertical	285	1.93	-	44.34	32.94	7.11	34.77
AV	5.6876G	100.54	Inf	-Inf	5.48	3	Vertical	285	1.93	-	95.06	33.30	6.95	34.77
PK	5.4668G	57.85	68.20	-10.35	5.14	3	Vertical	285	1.93	-	52.71	32.83	7.08	34.77
PK	5.6792G	108.32	Inf	-Inf	5.42	3	Vertical	285	1.93	-	102.90	33.23	6.96	34.77
PK	5.8508G	65.77	68.20	-2.43	6.46	3	Vertical	285	1.93	-	59.31	34.10	7.13	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

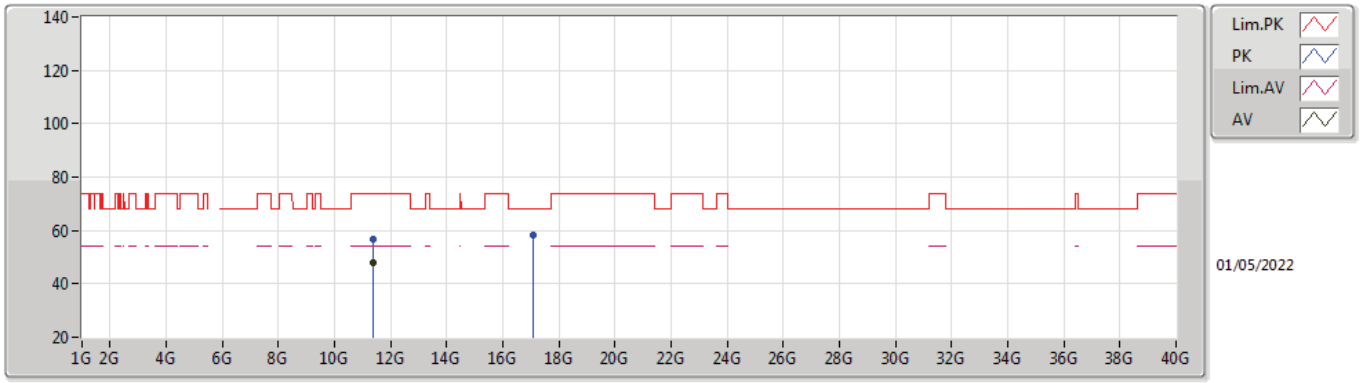
5690MHz Straddle 5.47-5.725GHz_TnomVnom



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	5.4308G	49.17	54.00	-4.83	5.21	3	Horizontal	338	1.01	-	43.96	32.88	7.10	34.77
AV	5.6852G	105.40	Inf	-Inf	5.47	3	Horizontal	338	1.01	-	99.93	33.28	6.96	34.77
PK	5.4656G	57.30	68.20	-10.90	5.14	3	Horizontal	338	1.01	-	52.16	32.83	7.08	34.77
PK	5.6948G	112.24	Inf	-Inf	5.54	3	Horizontal	338	1.01	-	106.70	33.36	6.95	34.77
PK	5.8556G	67.72	68.20	-0.48	6.50	3	Horizontal	338	1.01	-	61.22	34.12	7.15	34.77

802.11ac VHT80_Nss2,(MCS0)_2TX

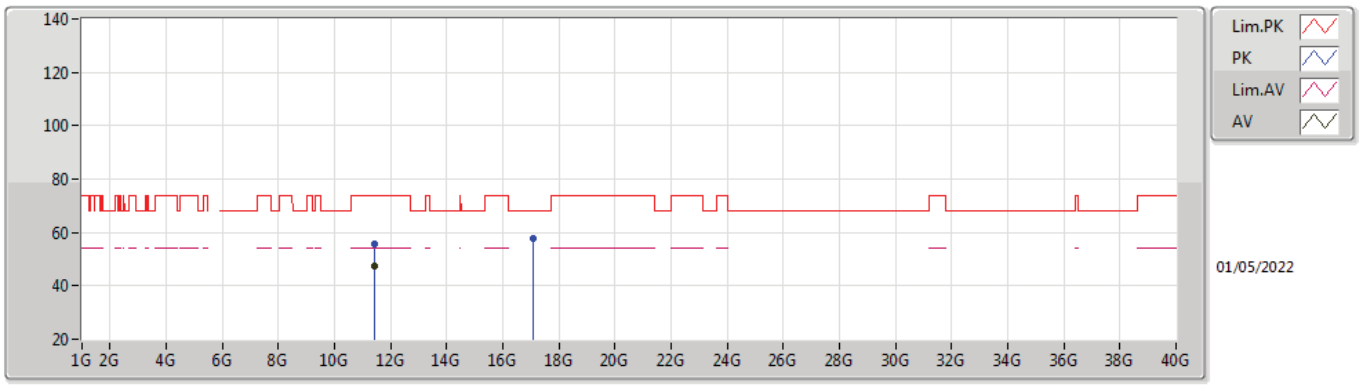
5690MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.39856G	48.03	54.00	-5.97	13.59	3	Vertical	322	1.00	-	34.44	38.90	9.33	34.64
PK	11.39888G	56.63	74.00	-17.37	13.59	3	Vertical	322	1.00	-	43.04	38.90	9.33	34.64
PK	17.06076G	58.43	68.20	-9.77	16.85	3	Vertical	228	1.74	-	41.58	38.00	12.87	34.02

802.11ac VHT80_Nss2,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TnomVnom



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	11.4136G	47.39	54.00	-6.61	13.58	3	Horizontal	360	1.00	-	33.81	38.87	9.34	34.63
PK	11.4312G	55.91	74.00	-18.09	13.55	3	Horizontal	360	1.00	-	42.36	38.84	9.34	34.63
PK	17.06672G	57.99	68.20	-10.21	16.84	3	Horizontal	48	2.88	-	41.15	38.00	12.87	34.03