Testing Laboratory 3785

FCC Radio Test Report

FCC ID	:	**KA2R12A1**
Equipment	:	**AC1200 SMART ROUTER**
Brand Name	:	**D-Link**
Model Name	:	**R12**
Applicant	:	**D-Link Corporation** **14420 Myford Road Suite 100 Irvine California United Stated 92606**
Manufacturer	:	**D-Link Corporation** **No. 289, Xinhu 3rd Road, Neihu District, Taipei City 114, Taiwan**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Aug. 11, 2021, and testing was started from Aug. 24, 2021 and completed on Sep. 09, 2021. 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR181118-01AN	01	Initial issue of report	May 03, 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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

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: Anne Kuo

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	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	Support
1	LYNwave	AOX21X-051044-00	Dipole antenna	I-PEX	2.4G
2	LYNwave	AOX21X-051044-00	Dipole antenna	I-PEX	2.4G
3	LYNwave	AOX21X-091052-00	Dipole antenna	I-PEX	5G
4	LYNwave	AOX21X-091052-00	Dipole antenna	I-PEX	5G
5	LYNwave	-	Print antenna	N/A	2.4G RX

Ant.	Port	Gain (dBi)	
		2.4G	5G
1	1	4.8	-
2	2	4.8	-
3	1	-	5.3
4	2	-	5.3
5	3	4.1	-

Note 1: The EUT has five antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n mode (2TX/3RX)

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

Ant. 1 (port 1) and Ant. 2 (port 2) and Ant. 5 (port 3) could receive simultaneously.

For 5GHz function:

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

Ant. 3 (port 1) and Ant. 4 (port 2) could transmit/receive simultaneously.

1.1.3 EUT Information

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

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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: FR181118AN

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

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz 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 **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	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**
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	01/Sep/2021~09/Sep/2021
☒ Wen 33rd.St. **(TAF:** 3785**)**	**ADD:** No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	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	03CH09-HY	Ryan Hsiao	22.1~23.8°C / 42~54%	24/Aug/2021~08/Sep/2021

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**
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	MP_TESTRTL819x 3.7

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	103/103
5300MHz	103/103
5320MHz	102/102
5500MHz	90/90
5580MHz	95/95
5700MHz	89/89
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	105/105
5300MHz	104/104
5320MHz	104/104
5500MHz	91/91
5580MHz	95/95
5700MHz	89/89
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	105/105
5310MHz	96/96
5510MHz	85/85
5550MHz	96/96
5670MHz	93/93
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	93/93
5530MHz	80/80
5610MHz	97/97

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4GHz+ WLAN 5GHz
Refer to Sporton Test Report No.: FA181118-01 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
AC Adapter 1	Brand Name	AMIGO	Model Name	AMS159A-1201000F
	Manufacturer	AMIGO		
	Power Rating	I/P: 100 - 240 Vac, 0.5A, O/P: 12 Vdc, 1 A		
	Power Cord	1.2 meter, non-shielded cable, w/o ferrite core		
AC Adapter 2 (US/NCC Plug)	Brand Name	AMIGO	Model Name	AMS159A-1201000FU
	Manufacturer	AMIGO		
	Power Rating	I/P: 100 - 240 Vac, 0.5A, O/P: 12 Vdc, 1 A		
	Power Cord	1.2 meter, non-shielded cable, w/o ferrite core		
RJ45 Cable	Brand Name	AMIGO	Model Name	NYS4709 REV.0
	Power Cord	1 meter, non-shielded cable		

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

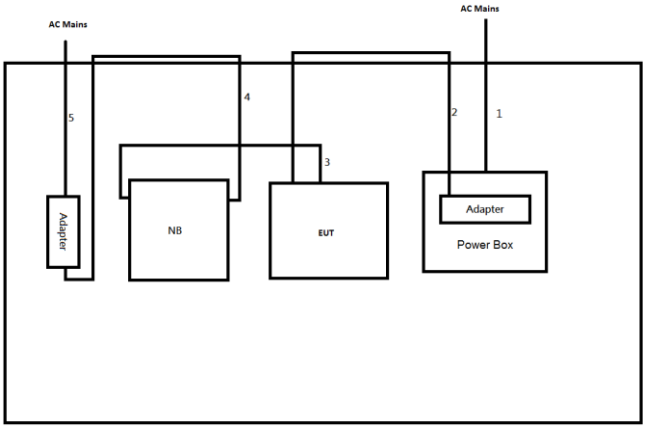
2.4 Support Equipment

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	Notebook	HP	HSTNN-Q85C	-	-
2	AC Adapter (for NB)	HP	PPP012L-E	-	-

2.5 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.2	-
3	RJ45 cable	No	1.0	-
4	DC Power cable	No	1.5	-
5	AC Power cable	No	1.8	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit
UNII Devices
☐ For the 5.15-5.25 GHz band, N/A
☒ For the 5.25-5.35 GHz band, 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.

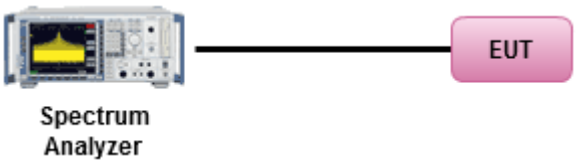
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

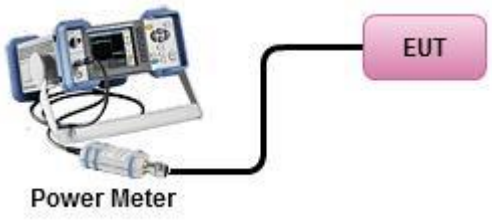
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

3.3.2 Measuring Instruments

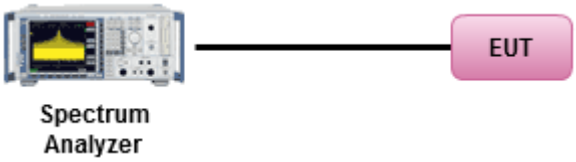
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
	☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	Duty cycle ≥ 98%
	☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
▪ For conducted measurement.	

Test Method		
	▪ If the EUT supports multiple transmit chains using options given below:	
		▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].
▪ For the transmitter unwanted emissions shall be measured using following options below:
▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
▪ For radiated measurement.
▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
▪ The any unwanted emissions level shall not exceed the fundamental emission level.
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

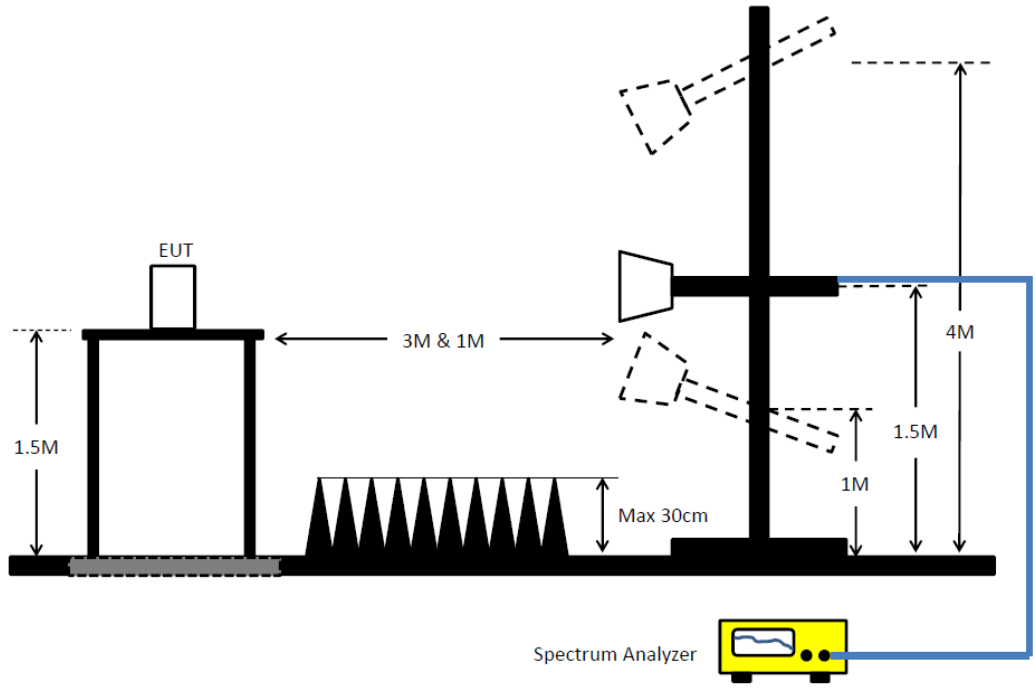
▪ Use the following spectrum analyzer settings:
▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber 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.

3.4.4 Measurement Results Calculation

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

3.4.5 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
SENSE-15407_NII	Sporton	V5.10.7.17	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	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	18/May/2021	17/May/2022
RF CABLE 5m+3m+1m	HUBER+ SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022
SENSE-15407_NII	Sporton	V5.10.7.17	N/A	N/A	N/A	N/A

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	18.75M	16.462M	16M5D1D	18.57M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.74M	17.571M	17M6D1D	19.68M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	41.82M	36.582M	36M6D1D	41.58M	36.522M
802.11ac VHT80_Nss1,(MCS0)_2TX	81.72M	75.082M	75M1D1D	81.72M	75.082M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.23M	16.522M	16M5D1D	18.6M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	19.74M	17.571M	17M6D1D	19.68M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	41.76M	36.582M	36M6D1D	41.52M	36.462M
802.11ac VHT80_Nss1,(MCS0)_2TX	127.44M	76.042M	76M0D1D	81.96M	75.322M

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

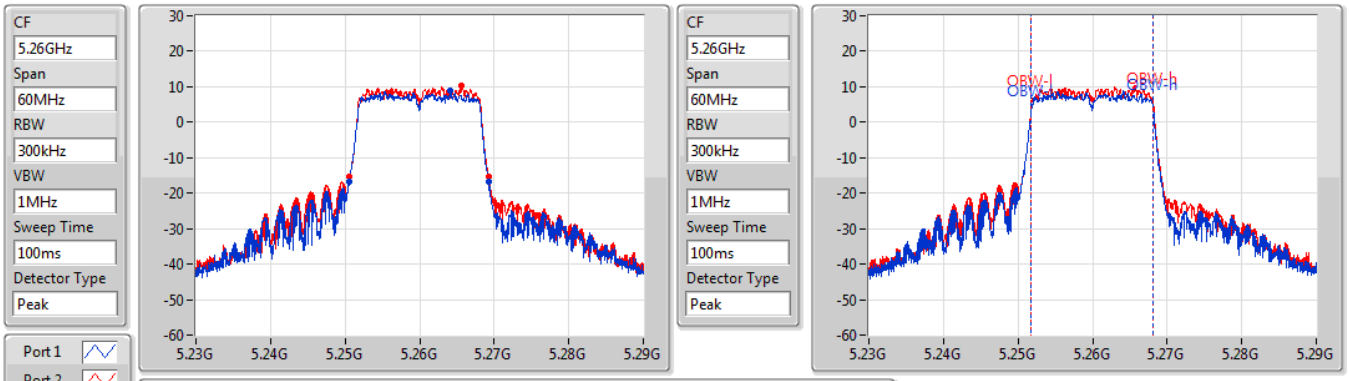
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.72M	16.432M	18.57M	16.402M
5300MHz	Pass	Inf	18.75M	16.462M	18.63M	16.402M
5320MHz	Pass	Inf	18.75M	16.432M	18.6M	16.432M
5500MHz	Pass	Inf	18.75M	16.432M	18.6M	16.402M
5580MHz	Pass	Inf	22.23M	16.522M	18.6M	16.432M
5700MHz	Pass	Inf	18.69M	16.432M	18.63M	16.402M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.71M	17.571M	19.68M	17.571M
5300MHz	Pass	Inf	19.71M	17.571M	19.71M	17.571M
5320MHz	Pass	Inf	19.68M	17.571M	19.74M	17.571M
5500MHz	Pass	Inf	19.74M	17.571M	19.68M	17.571M
5580MHz	Pass	Inf	19.68M	17.571M	19.74M	17.571M
5700MHz	Pass	Inf	19.71M	17.571M	19.71M	17.571M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.76M	36.582M	41.64M	36.522M
5310MHz	Pass	Inf	41.58M	36.582M	41.82M	36.582M
5510MHz	Pass	Inf	41.58M	36.462M	41.76M	36.582M
5550MHz	Pass	Inf	41.52M	36.582M	41.58M	36.582M
5670MHz	Pass	Inf	41.64M	36.582M	41.7M	36.522M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	75.082M	81.72M	75.082M
5530MHz	Pass	Inf	82.08M	75.322M	81.96M	75.322M
5610MHz	Pass	Inf	127.44M	76.042M	81.96M	75.442M

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

01/09/2021

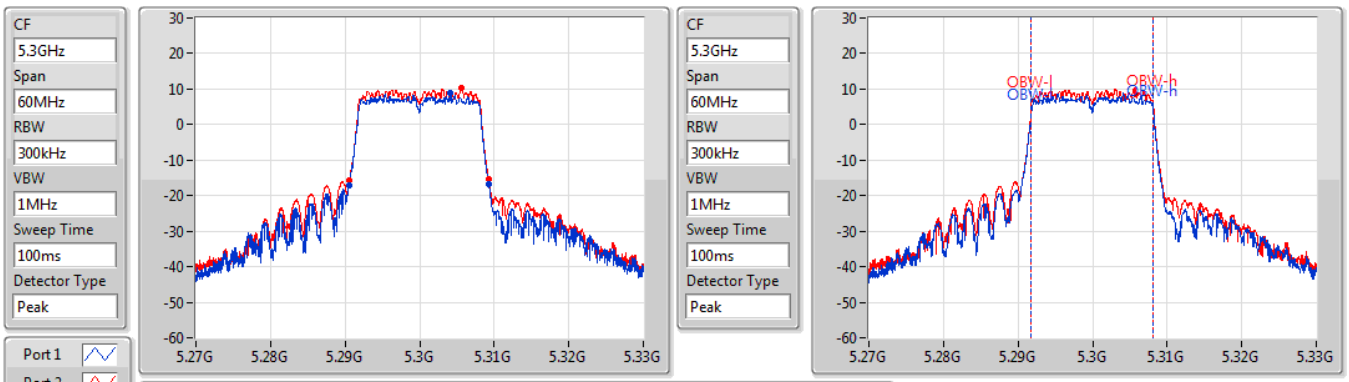


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.25055G	5.26927G	16.432M	5.251724G	5.268156G	Inf	1
18.57M	5.25064G	5.26921G	16.402M	5.251754G	5.268156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

01/09/2021

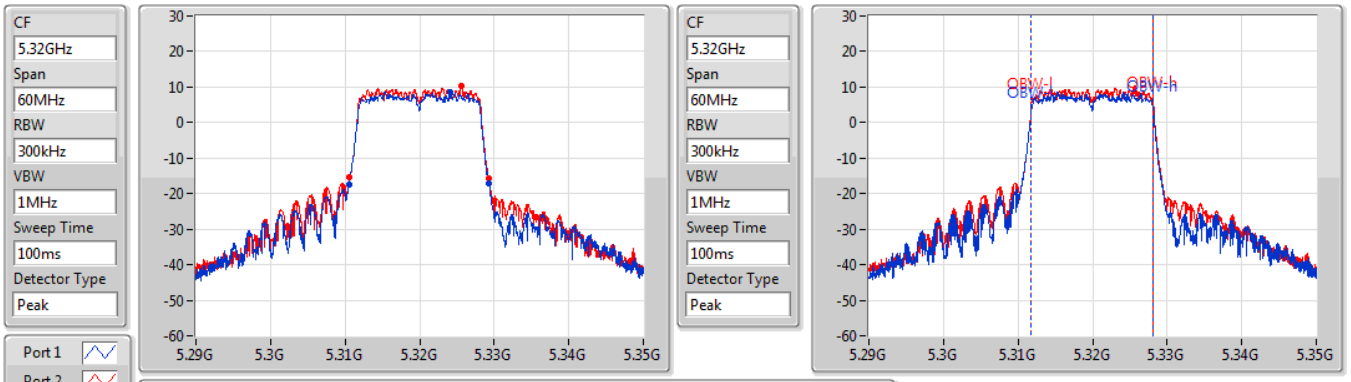


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.29052G	5.30927G	16.462M	5.291724G	5.308186G	Inf	1
18.63M	5.29061G	5.30924G	16.402M	5.291754G	5.308156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

01/09/2021

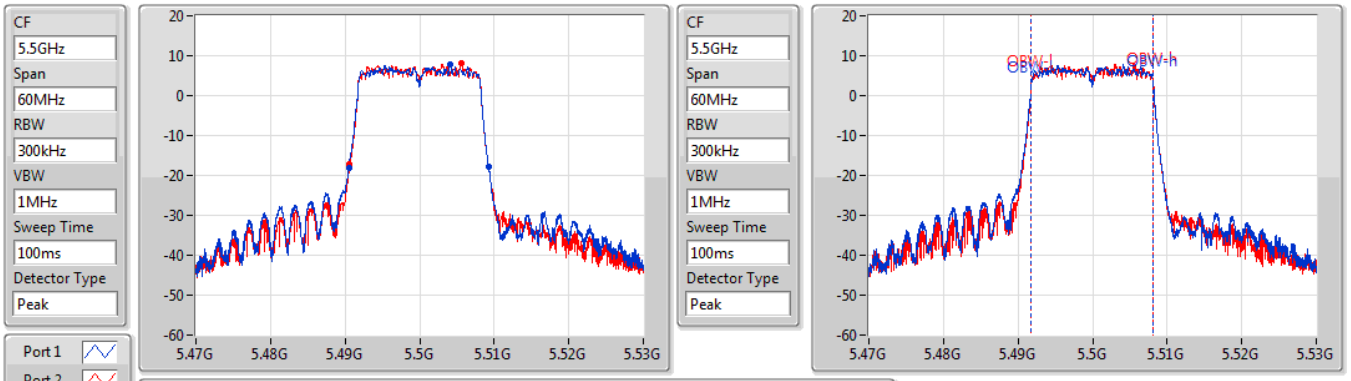


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.31052G	5.32927G	16.432M	5.311724G	5.328156G	Inf	1
18.6M	5.31064G	5.32924G	16.432M	5.311754G	5.328186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

01/09/2021

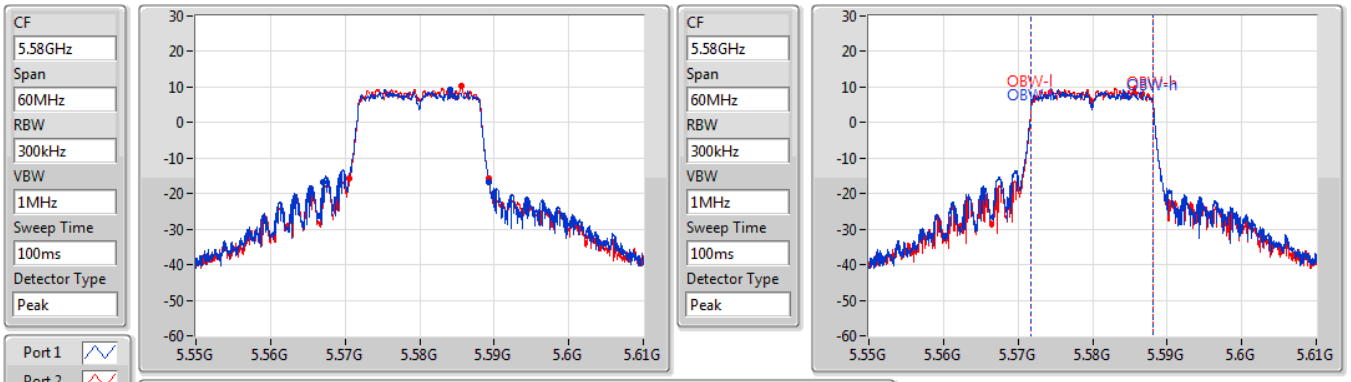


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.49052G	5.50927G	16.432M	5.491724G	5.508156G	Inf	1
18.6M	5.49064G	5.50924G	16.402M	5.491754G	5.508156G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

01/09/2021

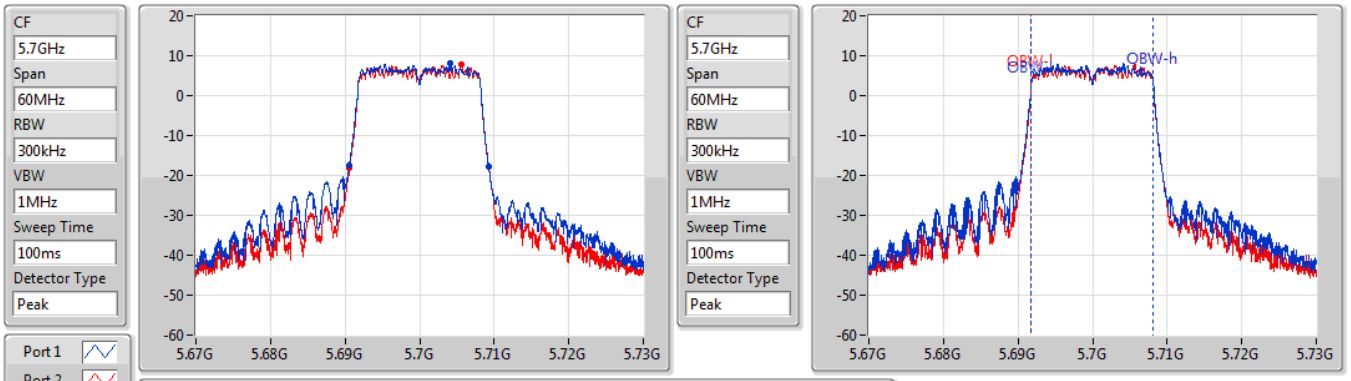


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.23M	5.5671G	5.58933G	16.522M	5.571664G	5.588186G	Inf	1
18.6M	5.57064G	5.58924G	16.432M	5.571754G	5.588186G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

01/09/2021

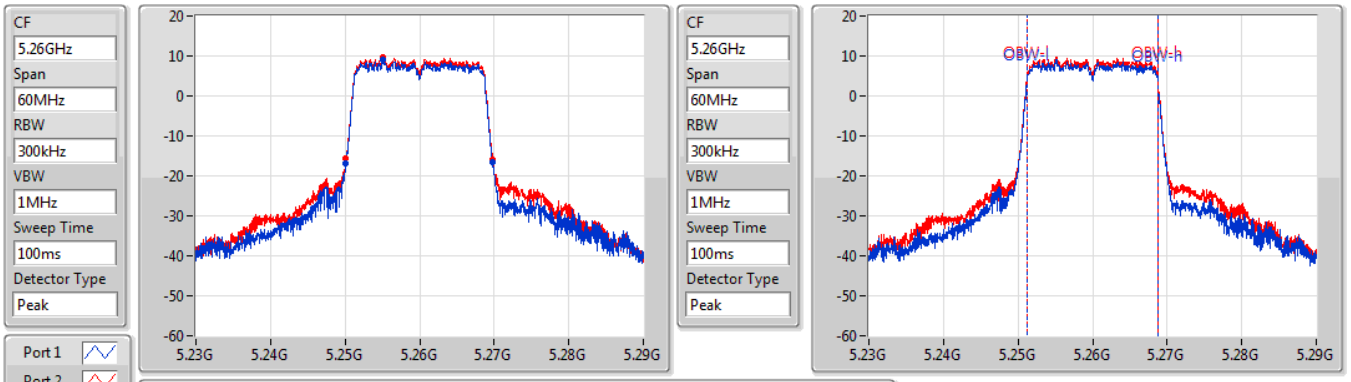


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.69M	5.69058G	5.70927G	16.432M	5.691724G	5.708156G	Inf	1
18.63M	5.69061G	5.70924G	16.402M	5.691754G	5.708156G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

01/09/2021

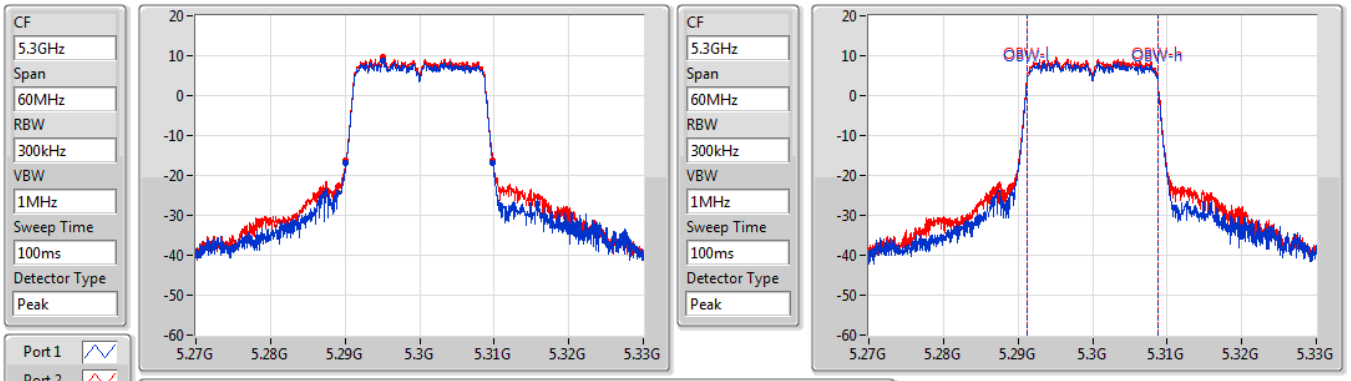


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.2501G	5.26981G	17.571M	5.251184G	5.268756G	Inf	1
19.68M	5.25013G	5.26981G	17.571M	5.251184G	5.268756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

01/09/2021

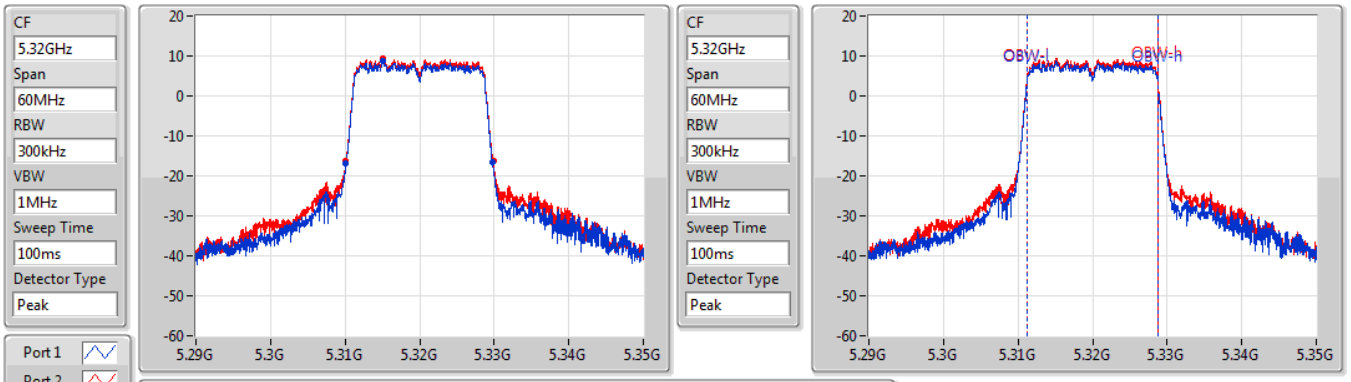


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.29013G	5.30984G	17.571M	5.291184G	5.308756G	Inf	1
19.71M	5.29013G	5.30984G	17.571M	5.291184G	5.308756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

01/09/2021

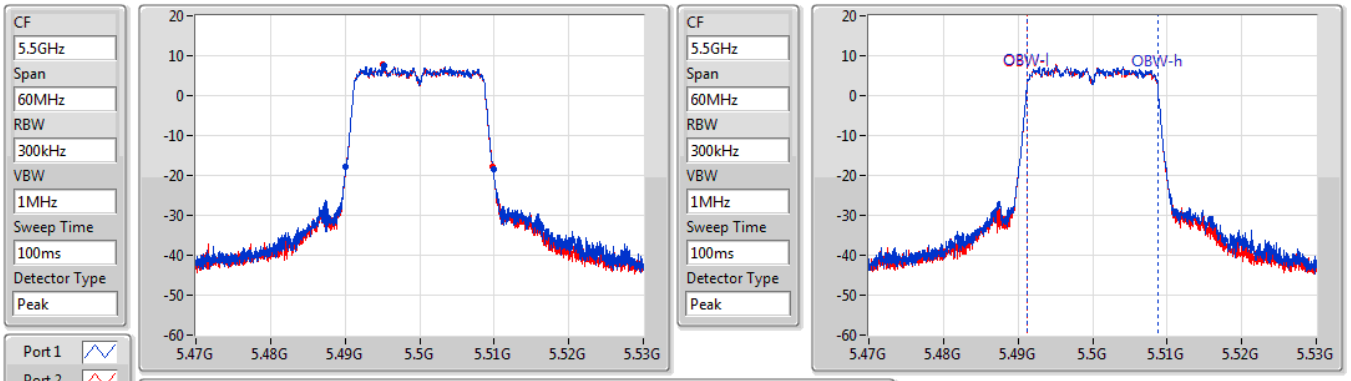


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.31013G	5.32981G	17.571M	5.311184G	5.328756G	Inf	1
19.74M	5.31013G	5.32987G	17.571M	5.311184G	5.328756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

01/09/2021

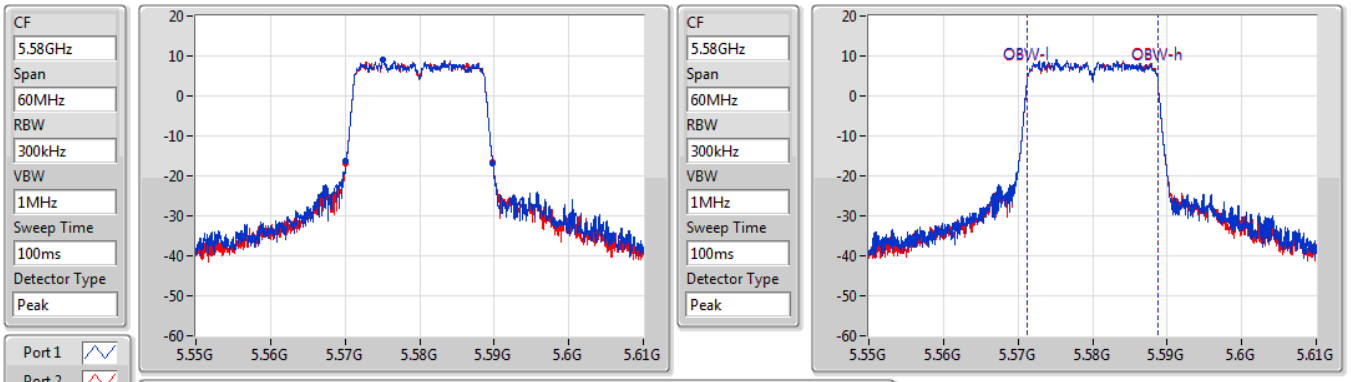


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.49013G	5.50987G	17.571M	5.491184G	5.508756G	Inf	1
19.68M	5.49013G	5.50981G	17.571M	5.491184G	5.508756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

01/09/2021

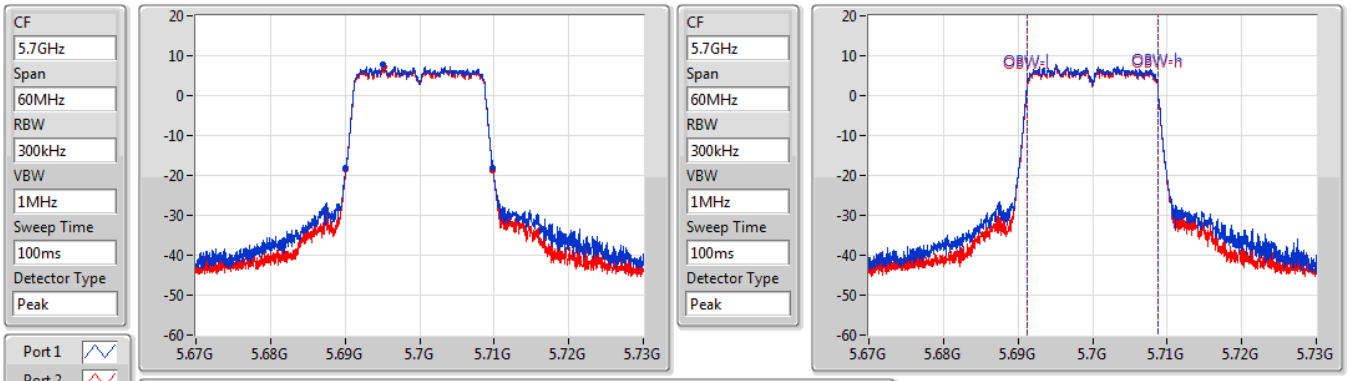


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.57013G	5.58981G	17.571M	5.571184G	5.588756G	Inf	1
19.74M	5.5701G	5.58984G	17.571M	5.571184G	5.588756G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

01/09/2021

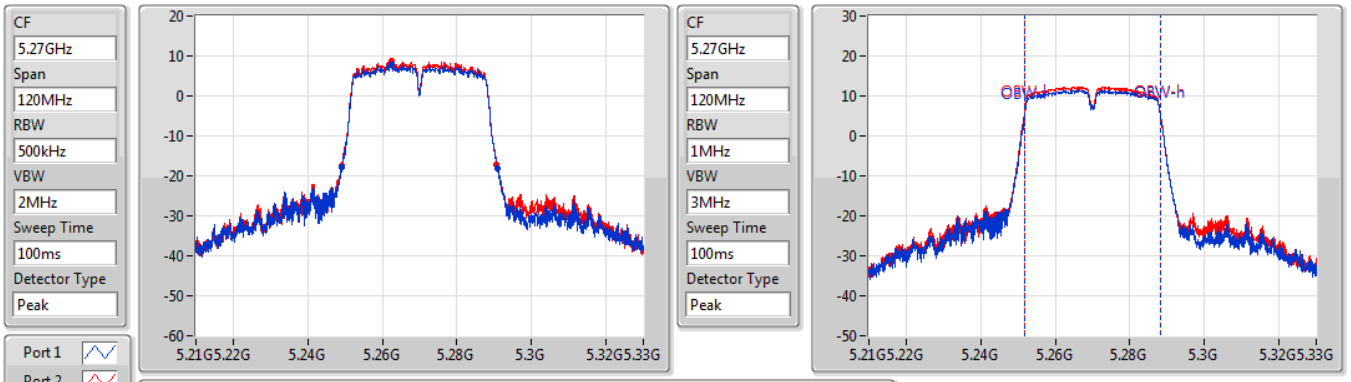


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.69013G	5.70984G	17.571M	5.691184G	5.708756G	Inf	1
19.71M	5.69013G	5.70984G	17.571M	5.691184G	5.708756G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

01/09/2021

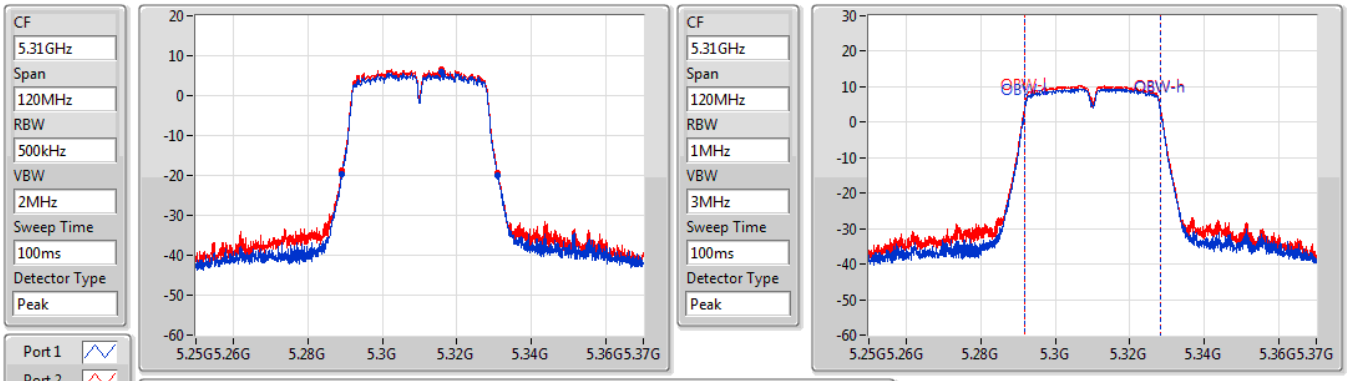


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.76M	5.24912G	5.29088G	36.582M	5.251709G	5.288291G	Inf	1
41.64M	5.24906G	5.2907G	36.522M	5.251709G	5.288231G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

01/09/2021

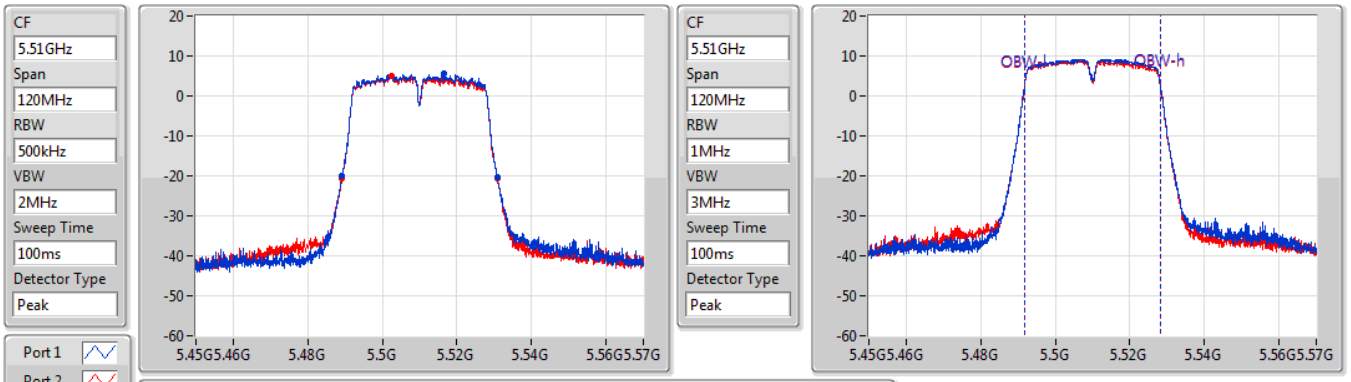


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.28918G	5.33076G	36.582M	5.291709G	5.328291G	Inf	1
41.82M	5.28912G	5.33094G	36.582M	5.291709G	5.328291G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

01/09/2021

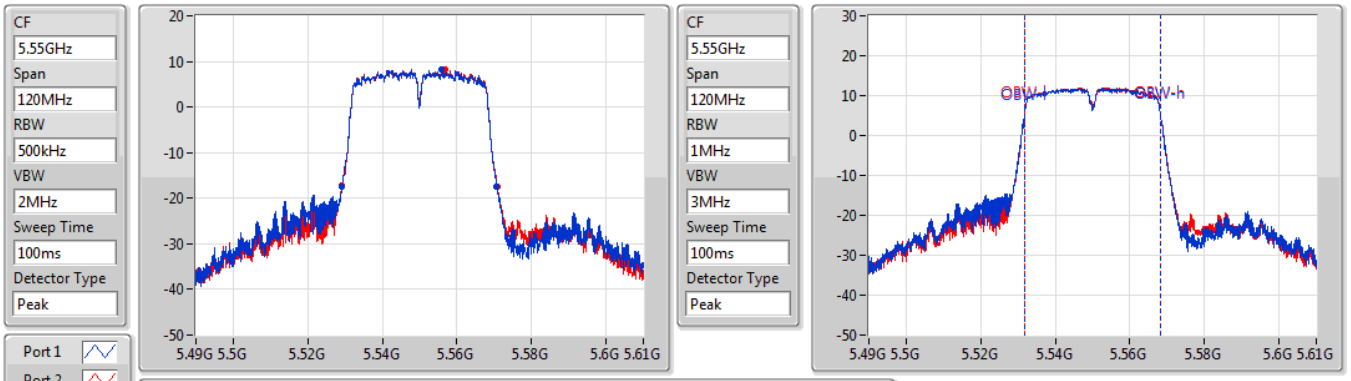


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.48918G	5.53076G	36.462M	5.491769G	5.528231G	Inf	1
41.76M	5.48906G	5.53082G	36.582M	5.491649G	5.528231G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

01/09/2021

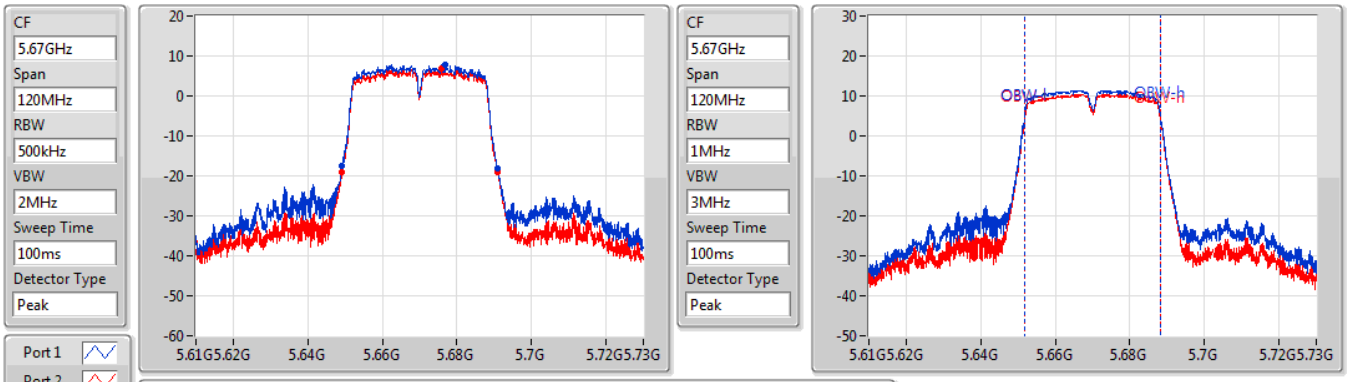


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.52M	5.52918G	5.5707G	36.582M	5.531649G	5.568231G	Inf	1
41.58M	5.52924G	5.57082G	36.582M	5.531709G	5.568291G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5670MHz

01/09/2021

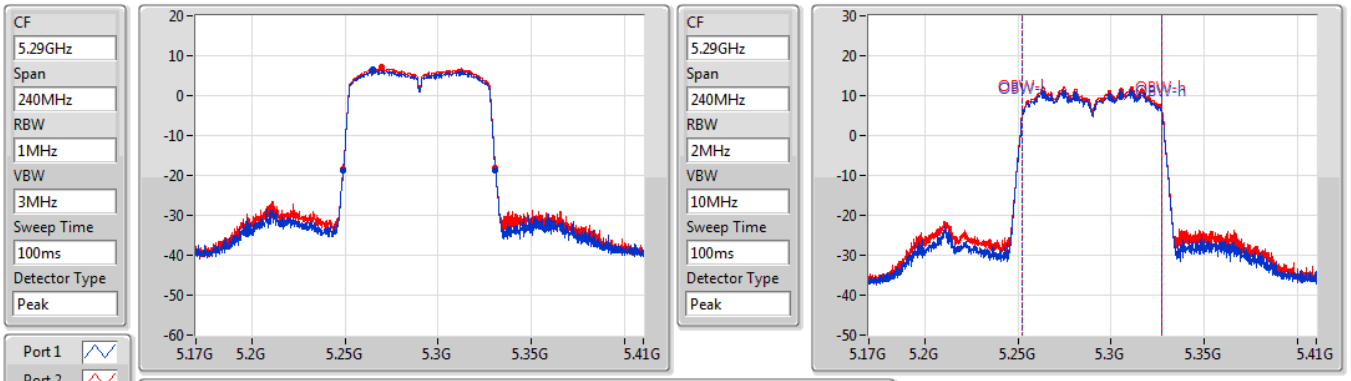


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.64M	5.64924G	5.69088G	36.582M	5.651709G	5.688291G	Inf	1
41.7M	5.64918G	5.69088G	36.522M	5.651769G	5.688291G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5290MHz

01/09/2021

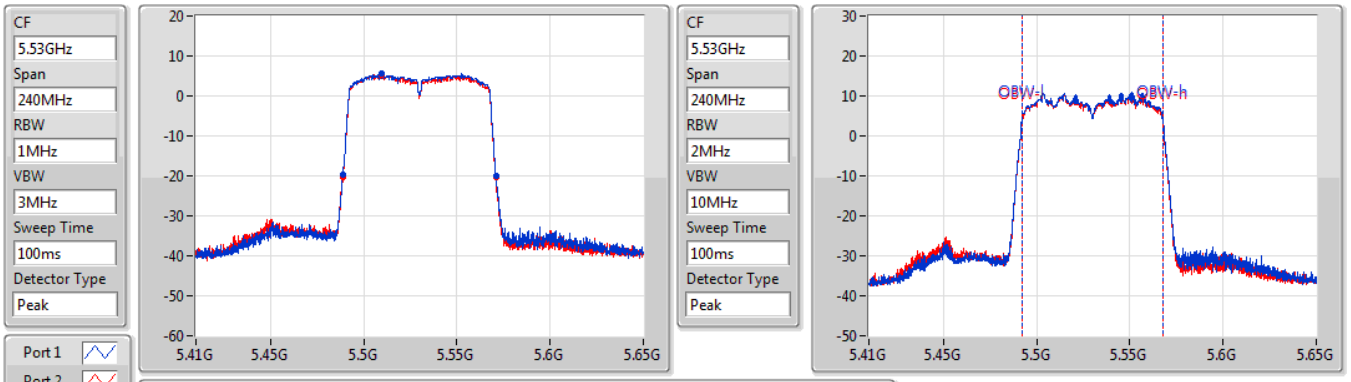


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.24896G	5.33068G	75.082M	5.252339G	5.327421G	Inf	1
81.72M	5.24896G	5.33068G	75.082M	5.252339G	5.327421G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5530MHz

01/09/2021

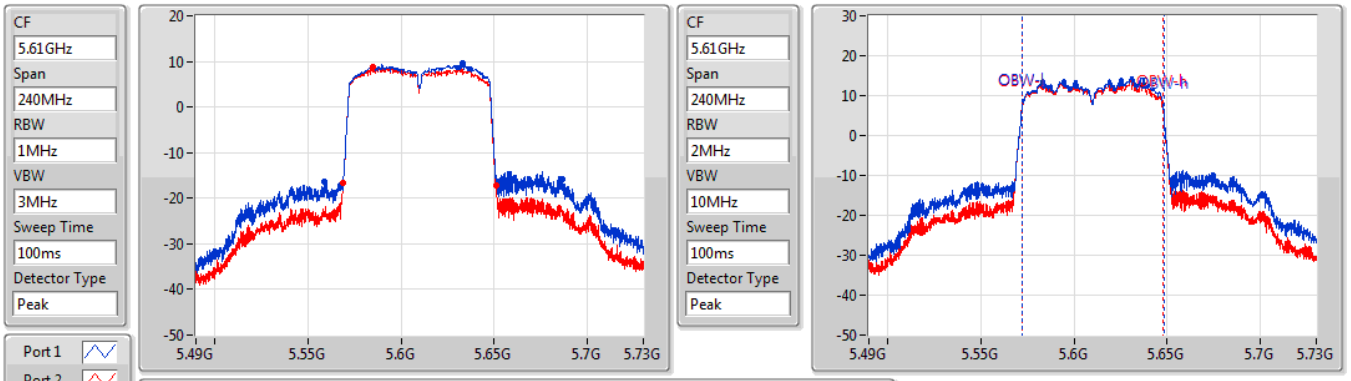


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48884G	5.57092G	75.322M	5.492219G	5.567541G	Inf	1
81.96M	5.48884G	5.5708G	75.322M	5.492219G	5.567541G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5610MHz

01/09/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
127.44M	5.559G	5.68644G	76.042M	5.572099G	5.648141G	Inf	1
81.96M	5.56896G	5.65092G	75.442M	5.572219G	5.647661G	Inf	2

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.06	0.12764	26.36	0.43251
802.11ac VHT20_Nss1,(MCS0)_2TX	21.15	0.13032	26.45	0.44157
802.11ac VHT40_Nss1,(MCS0)_2TX	21.02	0.12647	26.32	0.42855
802.11ac VHT80_Nss1,(MCS0)_2TX	18.38	0.06887	23.68	0.23335
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.10	0.12882	26.40	0.43652
802.11ac VHT20_Nss1,(MCS0)_2TX	20.99	0.12560	26.29	0.42560
802.11ac VHT40_Nss1,(MCS0)_2TX	21.05	0.12735	26.35	0.43152
802.11ac VHT80_Nss1,(MCS0)_2TX	20.68	0.11695	25.98	0.39628

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	5.30	17.43	18.39	20.95	23.69	26.25	26.99
5300MHz	Pass	5.30	17.48	18.56	21.06	23.70	26.36	26.99
5320MHz	Pass	5.30	17.43	18.38	20.94	23.70	26.24	26.99
5500MHz	Pass	5.30	16.53	16.43	19.49	23.70	24.79	26.99
5580MHz	Pass	5.30	17.98	18.20	21.10	23.70	26.40	26.99
5700MHz	Pass	5.30	16.63	16.01	19.34	23.70	24.64	26.99
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.30	17.69	18.55	21.15	23.94	26.45	26.99
5300MHz	Pass	5.30	17.53	18.44	21.02	23.95	26.32	26.99
5320MHz	Pass	5.30	17.62	18.50	21.09	23.94	26.39	26.99
5500MHz	Pass	5.30	16.68	16.55	19.63	23.94	24.93	26.99
5580MHz	Pass	5.30	17.95	18.00	20.99	23.94	26.29	26.99
5700MHz	Pass	5.30	16.57	16.10	19.35	23.95	24.65	26.99
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.30	17.58	18.40	21.02	23.98	26.32	26.99
5310MHz	Pass	5.30	15.67	16.50	19.12	23.98	24.42	26.99
5510MHz	Pass	5.30	15.41	15.02	18.23	23.98	23.53	26.99
5550MHz	Pass	5.30	17.95	18.13	21.05	23.98	26.35	26.99
5670MHz	Pass	5.30	17.50	16.52	20.05	23.98	25.35	26.99
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.30	14.97	15.74	18.38	23.98	23.68	26.99
5530MHz	Pass	5.30	14.45	14.23	17.35	23.98	22.65	26.99
5610MHz	Pass	5.30	17.94	17.39	20.68	23.98	25.98	26.99

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.20	16.51
802.11ac VHT20_Nss1,(MCS0)_2TX	8.02	16.33
802.11ac VHT40_Nss1,(MCS0)_2TX	5.13	13.44
802.11ac VHT80_Nss1,(MCS0)_2TX	-0.25	8.06
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.18	16.49
802.11ac VHT20_Nss1,(MCS0)_2TX	7.74	16.05
802.11ac VHT40_Nss1,(MCS0)_2TX	5.06	13.37
802.11ac VHT80_Nss1,(MCS0)_2TX	1.88	10.19

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

Result

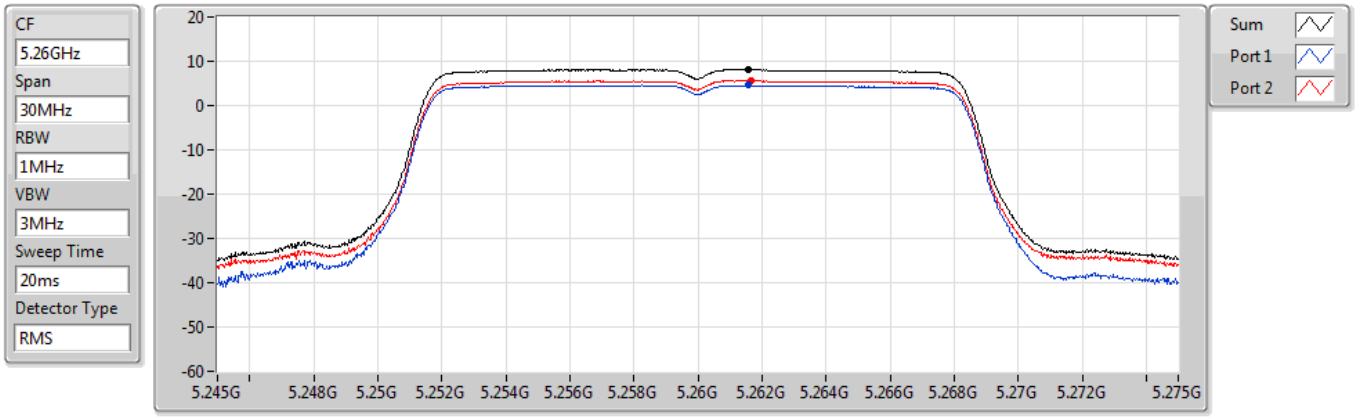
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.31	4.55	5.62	8.10	8.69	16.41	17.00
5300MHz	Pass	8.31	4.64	5.71	8.20	8.69	16.51	17.00
5320MHz	Pass	8.31	4.63	5.57	8.00	8.69	16.31	17.00
5500MHz	Pass	8.31	3.71	3.55	6.47	8.69	14.78	17.00
5580MHz	Pass	8.31	5.30	5.41	8.18	8.69	16.49	17.00
5700MHz	Pass	8.31	3.91	3.40	6.49	8.69	14.80	17.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.31	4.57	5.43	8.02	8.69	16.33	17.00
5300MHz	Pass	8.31	4.27	5.20	7.76	8.69	16.07	17.00
5320MHz	Pass	8.31	4.34	5.25	7.80	8.69	16.11	17.00
5500MHz	Pass	8.31	3.31	3.27	6.28	8.69	14.59	17.00
5580MHz	Pass	8.31	4.75	4.81	7.74	8.69	16.05	17.00
5700MHz	Pass	8.31	3.33	2.94	6.13	8.69	14.44	17.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.31	1.71	2.55	5.13	8.69	13.44	17.00
5310MHz	Pass	8.31	-0.39	0.46	3.02	8.69	11.33	17.00
5510MHz	Pass	8.31	-0.56	-1.00	2.20	8.69	10.51	17.00
5550MHz	Pass	8.31	1.97	2.17	5.06	8.69	13.37	17.00
5670MHz	Pass	8.31	1.55	0.64	4.11	8.69	12.42	17.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.31	-3.58	-2.95	-0.25	8.69	8.06	17.00
5530MHz	Pass	8.31	-4.50	-4.66	-1.59	8.69	6.72	17.00
5610MHz	Pass	8.31	-0.76	-1.23	1.88	8.69	10.19	17.00

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

01/09/2021

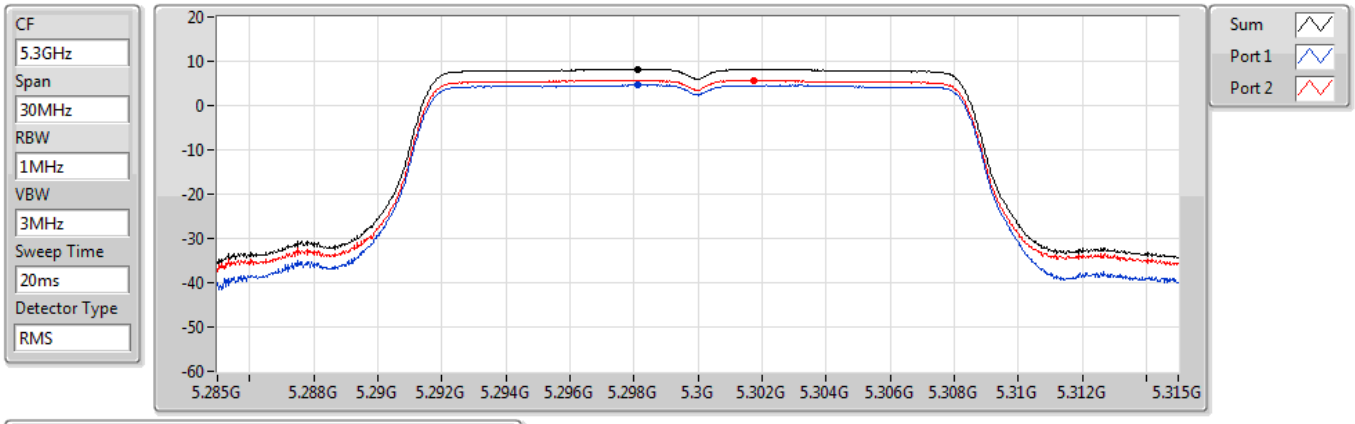


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	4.55	5.62

802.11a_Nss1,(6Mbps)_2TX PSD

5300MHz

01/09/2021

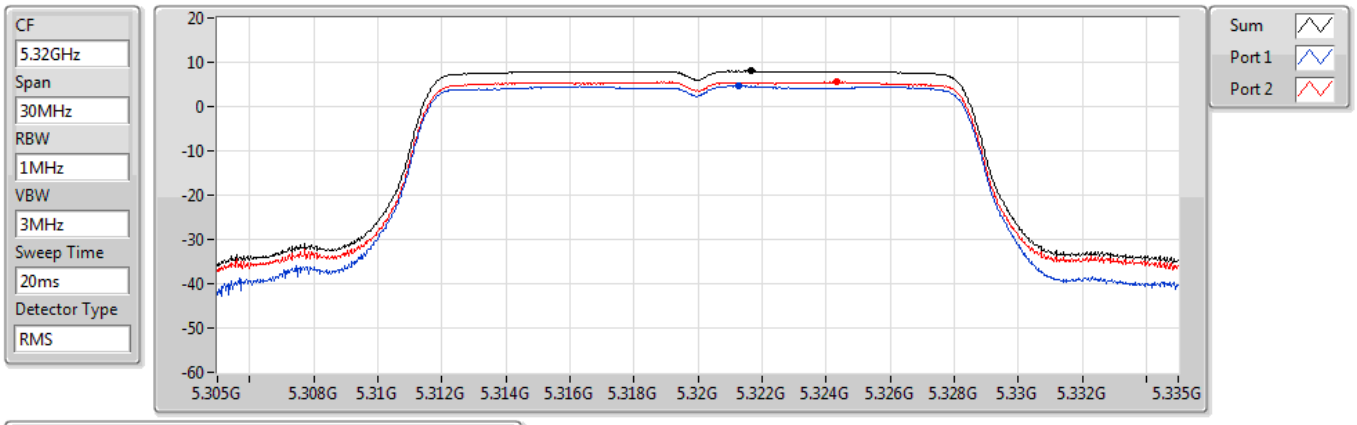


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.20	8.20	4.64	5.71

802.11a_Nss1,(6Mbps)_2TX PSD

5320MHz

01/09/2021

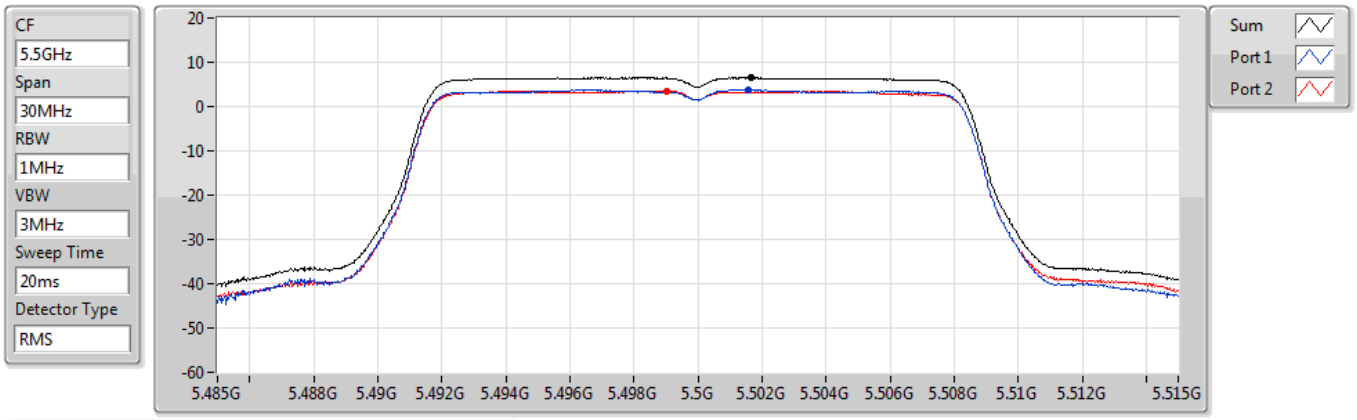


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	4.63	5.57

802.11a_Nss1,(6Mbps)_2TX PSD

5500MHz

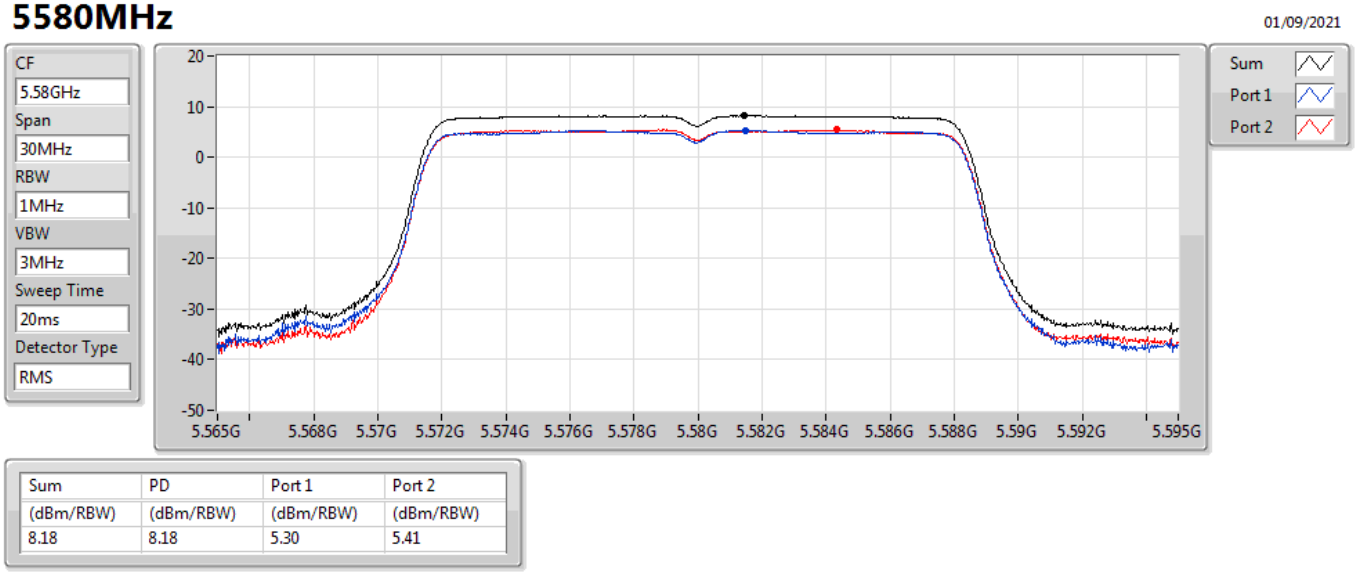
01/09/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.47	6.47	3.71	3.55

802.11a_Nss1,(6Mbps)_2TX PSD

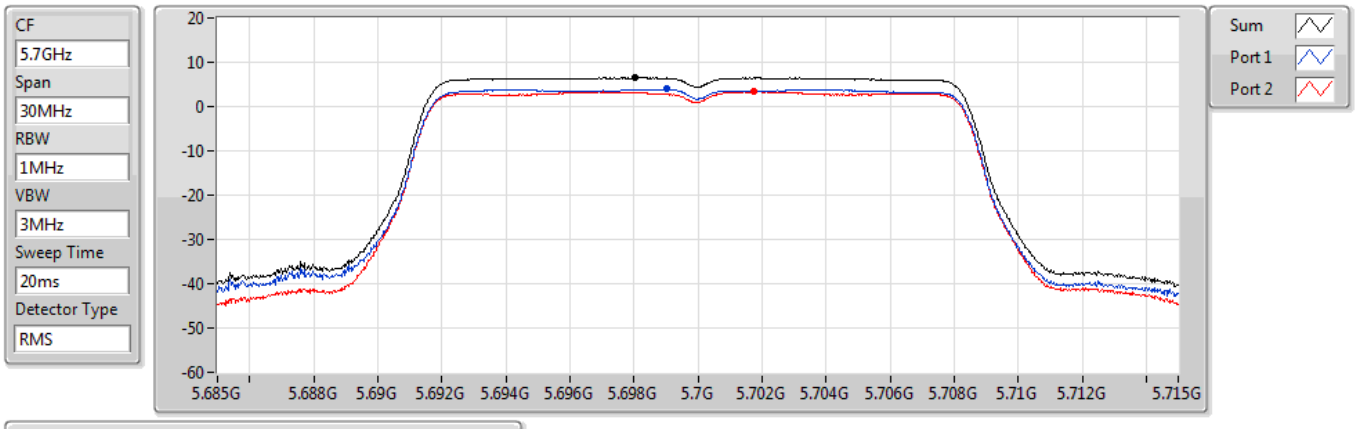
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.18	8.18	5.30	5.41

802.11a_Nss1,(6Mbps)_2TX PSD

5700MHz

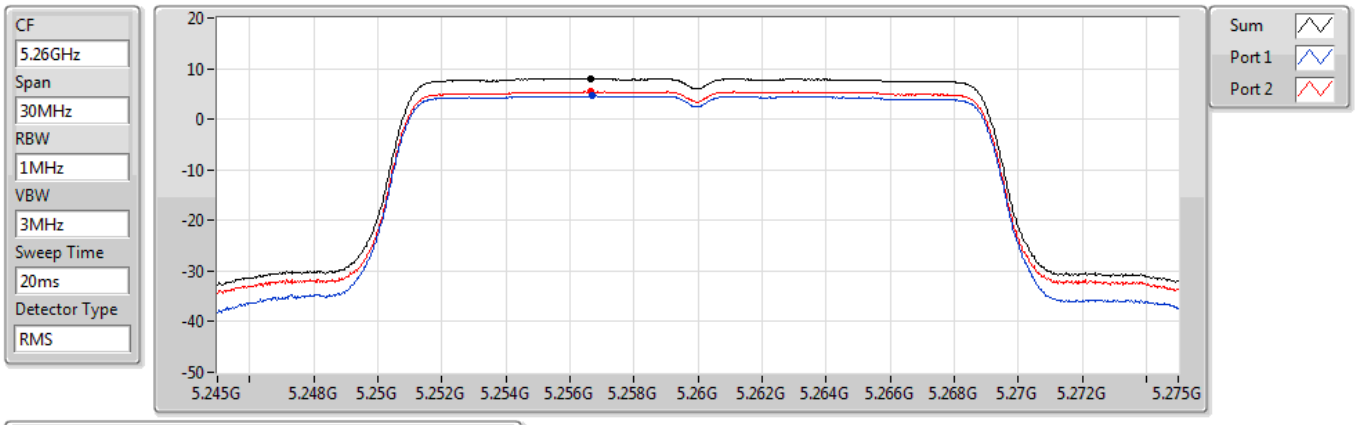


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	3.91	3.40

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5260MHz

01/09/2021

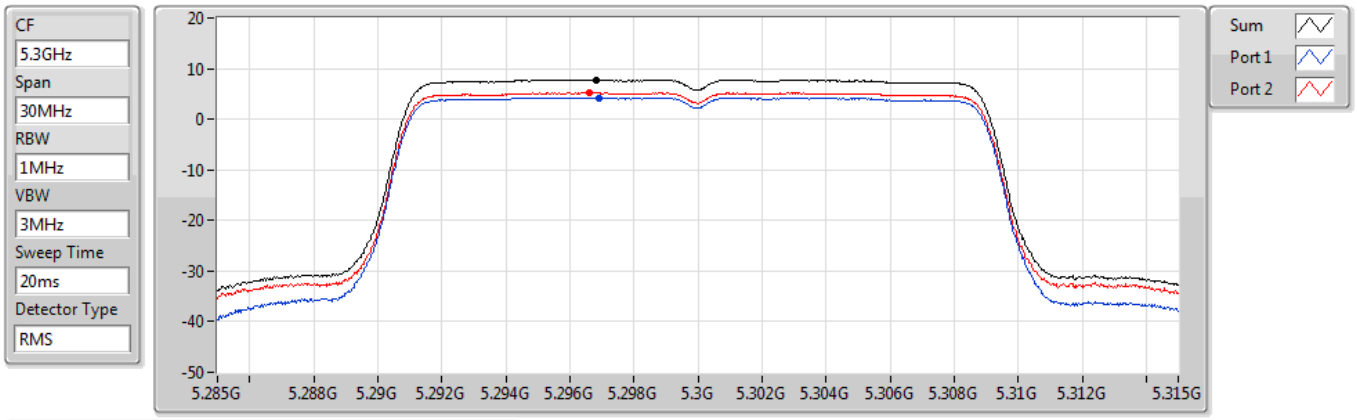


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.02	8.02	4.57	5.43

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5300MHz

01/09/2021

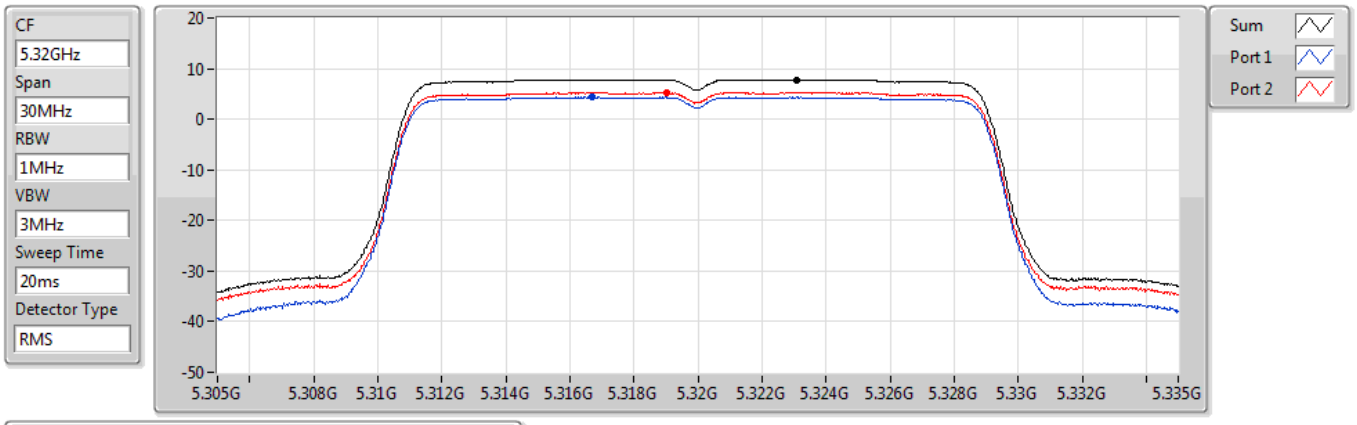


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	4.27	5.20

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5320MHz

01/09/2021

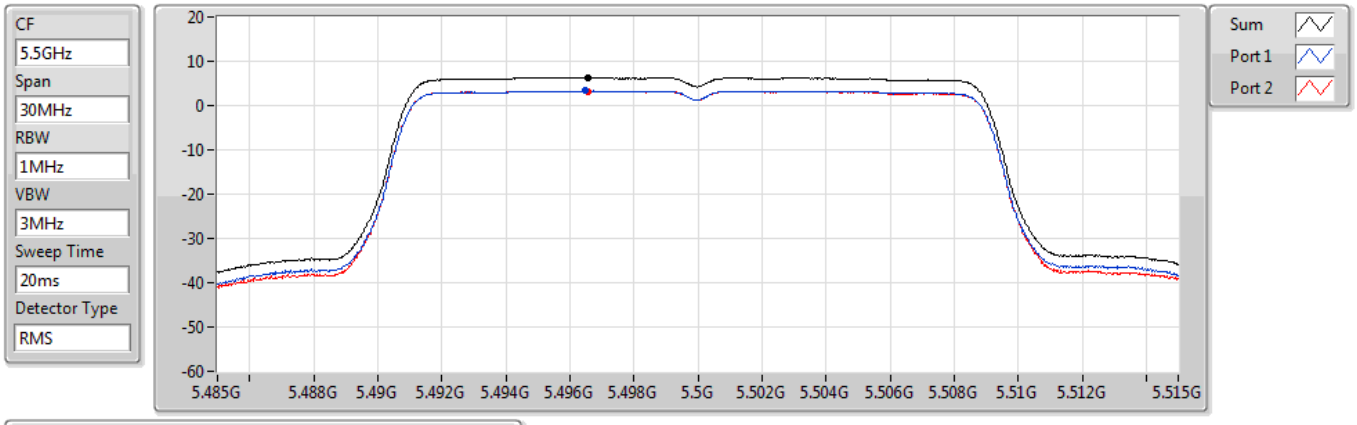


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	4.34	5.25

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5500MHz

01/09/2021

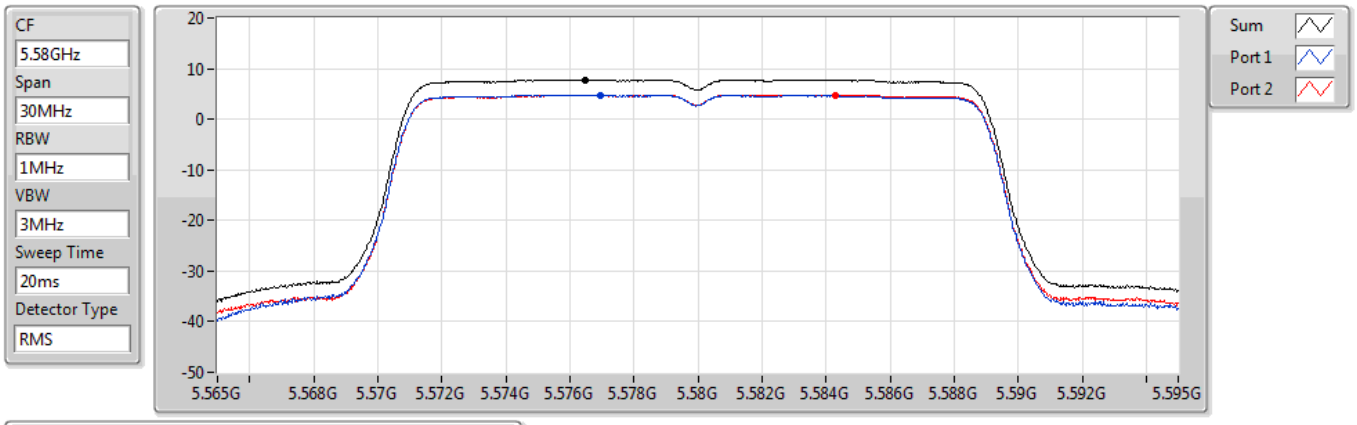


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	3.31	3.27

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5580MHz

01/09/2021

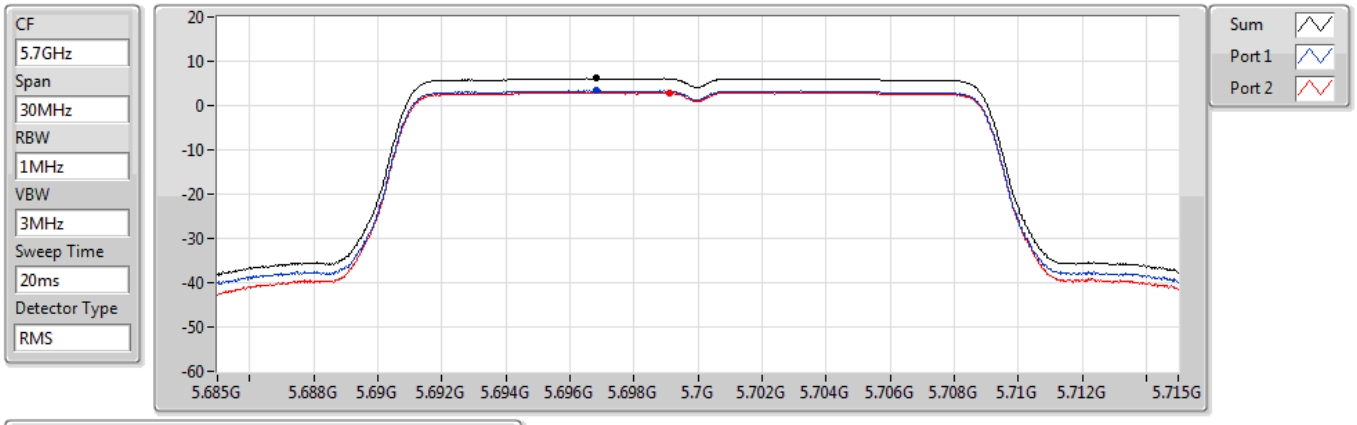


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	4.75	4.81

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

5700MHz

01/09/2021

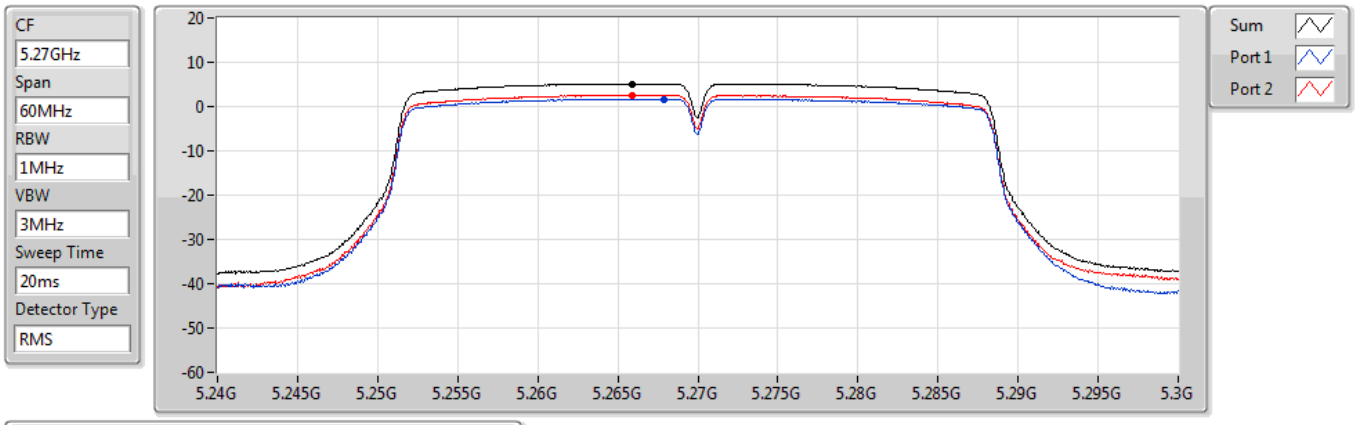


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	3.33	2.94

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5270MHz

01/09/2021

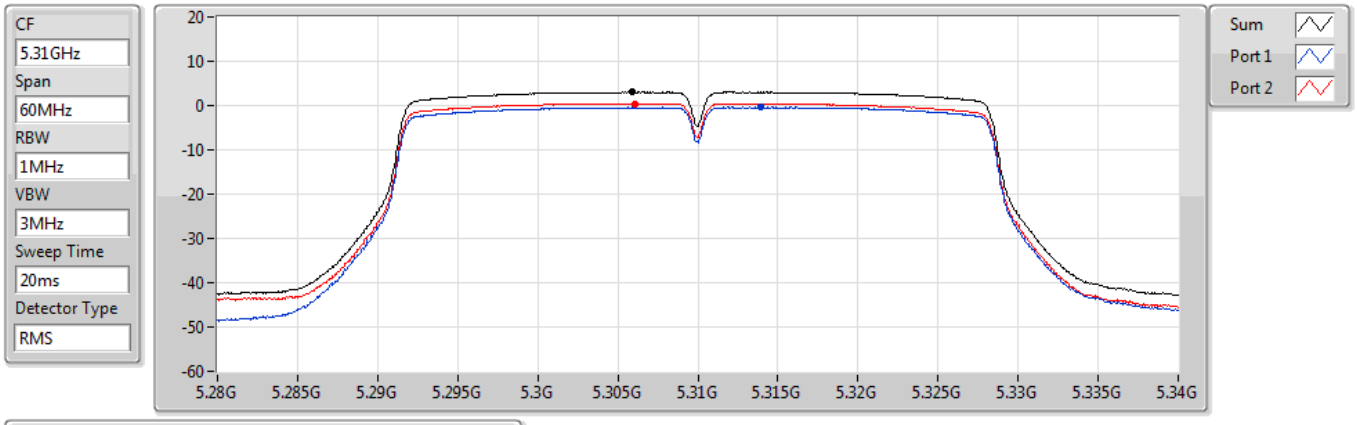


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	1.71	2.55

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5310MHz

01/09/2021

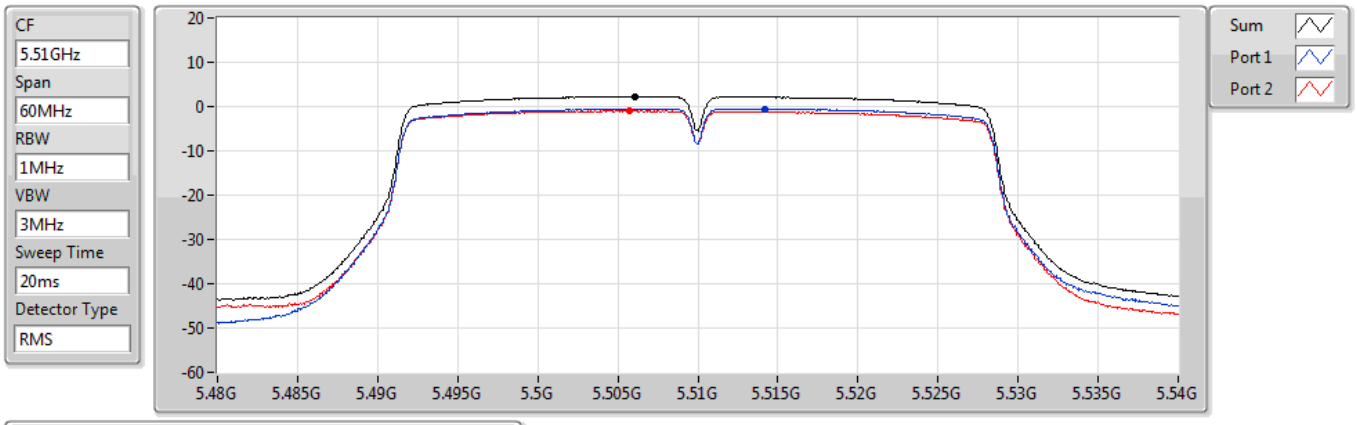


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	-0.39	0.46

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5510MHz

01/09/2021

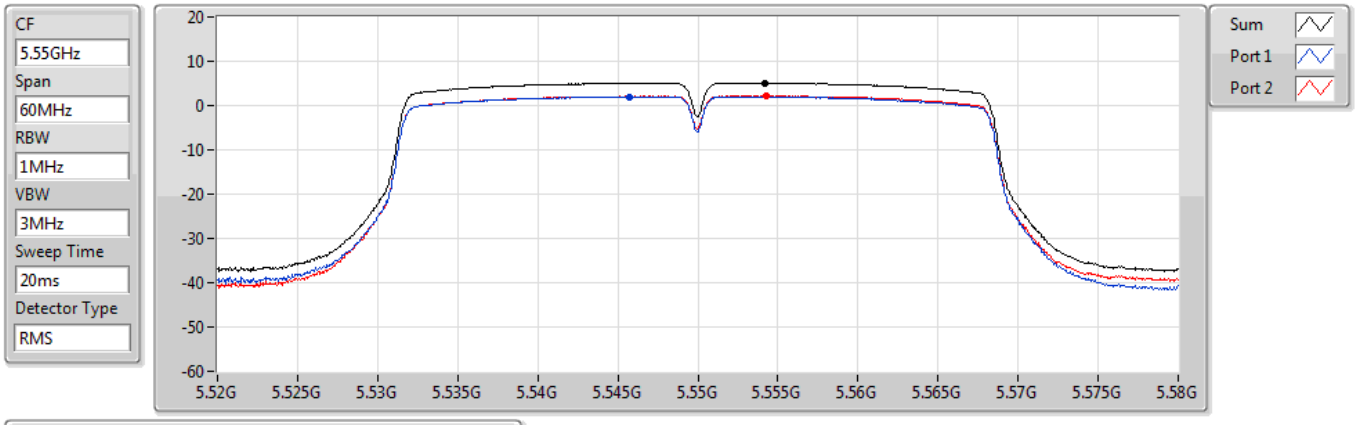


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-0.56	-1.00

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

5550MHz

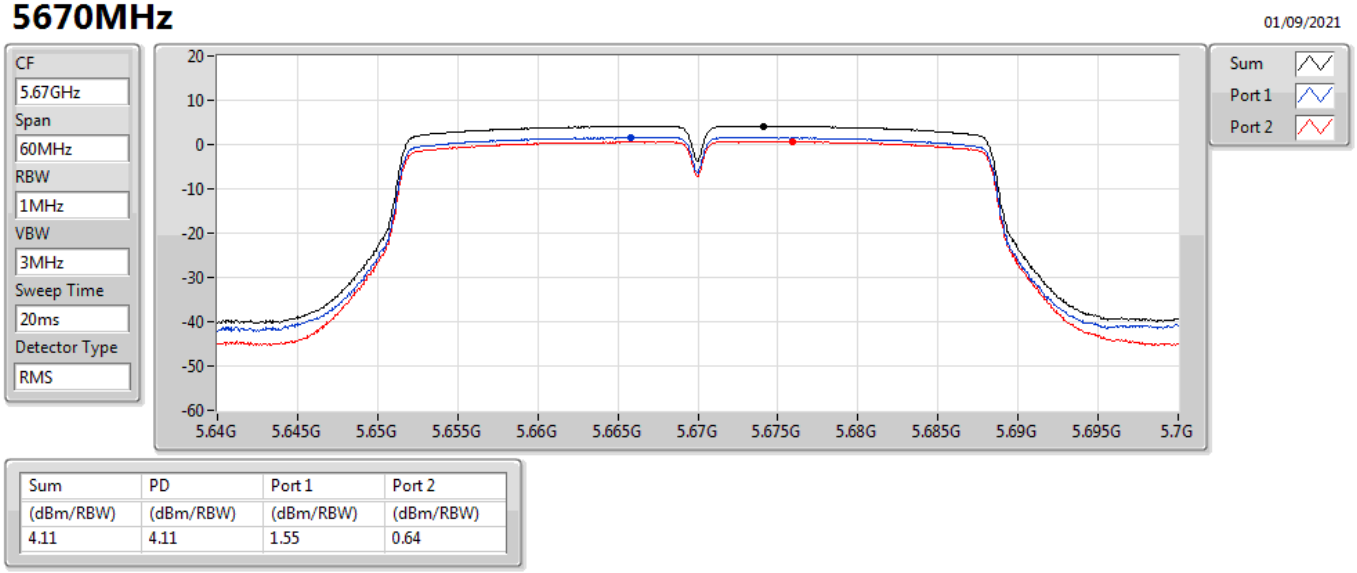
01/09/2021



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	1.97	2.17

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

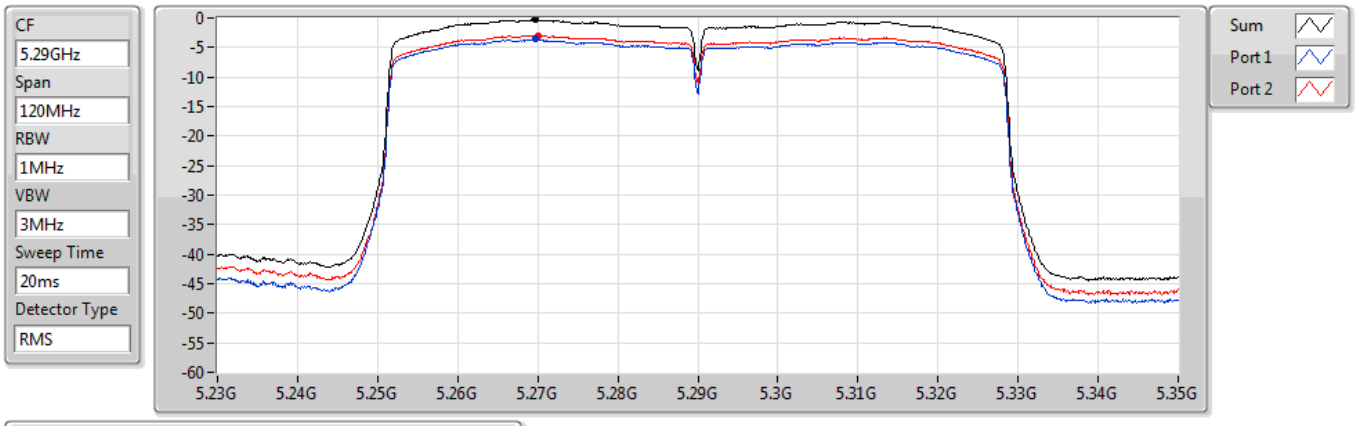
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.11	4.11	1.55	0.64

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

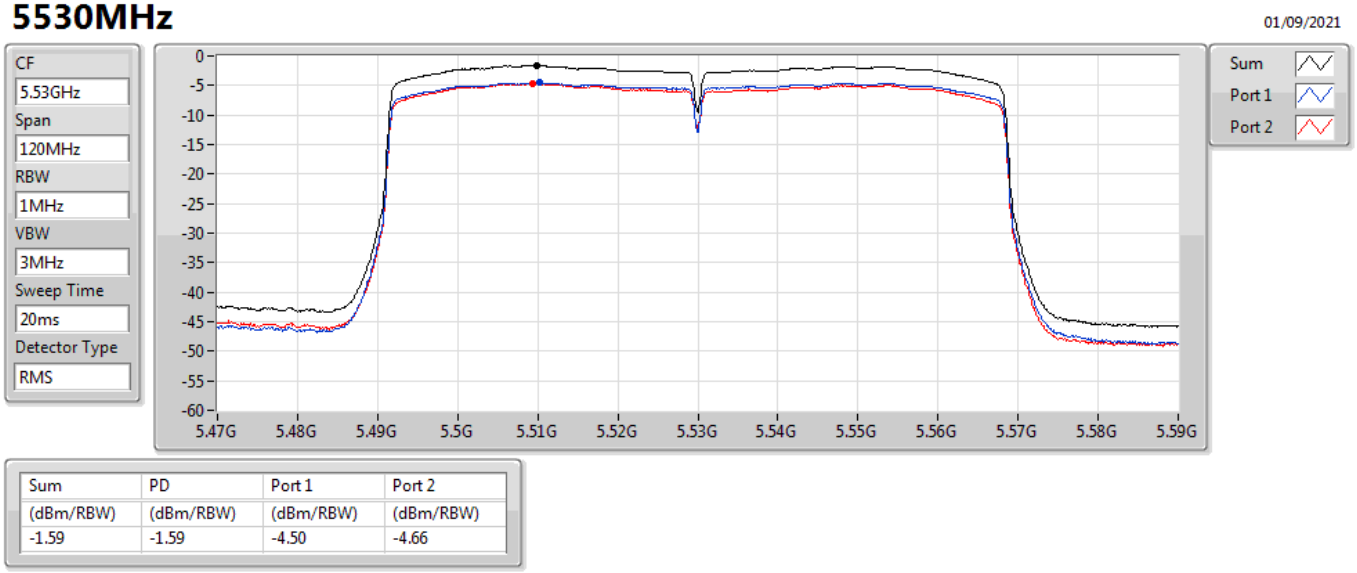
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.25	-0.25	-3.58	-2.95

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

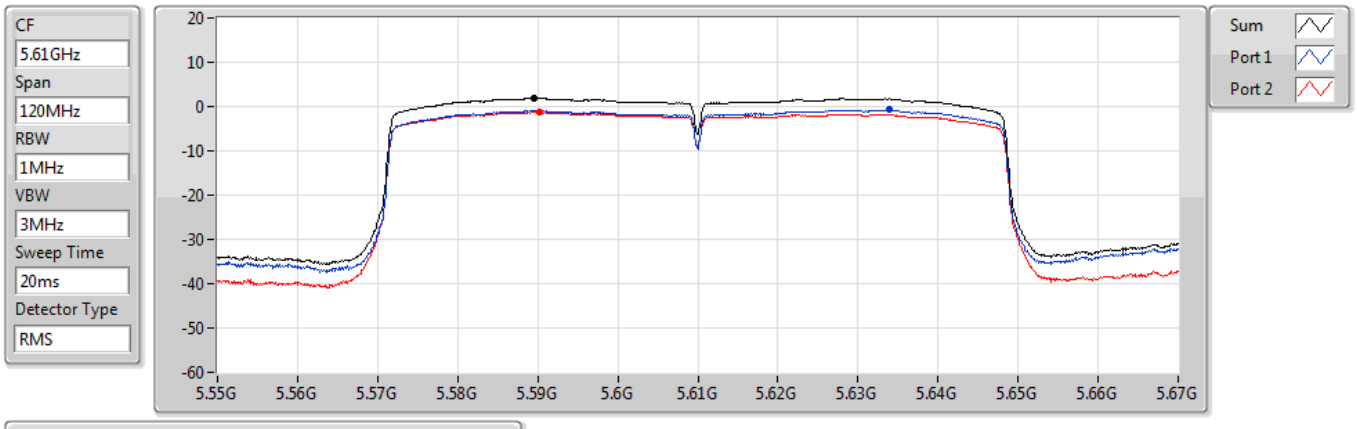
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.59	-1.59	-4.50	-4.66

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.88	1.88	-0.76	-1.23

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	15.8991G	53.80	54.00	-0.20	3	Vertical	10	1.73	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	5.3504G	73.90	74.00	-0.10	3	Vertical	335	1.50	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.3516G	73.91	74.00	-0.09	3	Vertical	343	1.50	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.361G	53.64	54.00	-0.36	3	Vertical	25	1.50	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4692G	67.99	68.20	-0.21	3	Vertical	182	1.48	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	PK	16.74108G	68.11	68.20	-0.09	3	Vertical	10	1.91	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	16.64772G	67.83	68.20	-0.37	3	Vertical	7	1.98	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	AV	5.46G	53.77	54.00	-0.23	3	Vertical	180	1.71	-

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	5.1484G	44.65	54.00	-9.35	3	Vertical	347	1.59	-
5260MHz	Pass	AV	5.266G	109.55	Inf	-Inf	3	Vertical	347	1.59	-
5260MHz	Pass	AV	5.3626G	46.36	54.00	-7.64	3	Vertical	347	1.59	-
5260MHz	Pass	PK	5.1106G	58.66	74.00	-15.34	3	Vertical	347	1.59	-
5260MHz	Pass	PK	5.2654G	119.24	Inf	-Inf	3	Vertical	347	1.59	-
5260MHz	Pass	PK	5.3614G	57.50	74.00	-16.50	3	Vertical	347	1.59	-
5260MHz	Pass	AV	5.1196G	43.76	54.00	-10.24	3	Horizontal	287	1.50	-
5260MHz	Pass	AV	5.2588G	98.91	Inf	-Inf	3	Horizontal	287	1.50	-
5260MHz	Pass	AV	5.3878G	42.43	54.00	-11.57	3	Horizontal	287	1.50	-
5260MHz	Pass	PK	5.1358G	56.77	74.00	-17.23	3	Horizontal	287	1.50	-
5260MHz	Pass	PK	5.2582G	107.89	Inf	-Inf	3	Horizontal	287	1.50	-
5260MHz	Pass	PK	5.3584G	55.40	74.00	-18.60	3	Horizontal	287	1.50	-
5260MHz	Pass	AV	15.77904G	53.57	54.00	-0.43	3	Vertical	25	1.70	-
5260MHz	Pass	PK	10.5212G	61.05	68.20	-7.15	3	Vertical	346	2.96	-
5260MHz	Pass	PK	15.77952G	67.56	74.00	-6.44	3	Vertical	25	1.70	-
5260MHz	Pass	AV	15.77904G	48.58	54.00	-5.42	3	Horizontal	342	3.00	-
5260MHz	Pass	PK	10.51178G	56.88	68.20	-11.32	3	Horizontal	158	1.92	-
5260MHz	Pass	PK	15.7788G	61.79	74.00	-12.21	3	Horizontal	342	3.00	-
5300MHz	Pass	AV	5.306G	109.65	Inf	-Inf	3	Vertical	346	1.64	-
5300MHz	Pass	AV	5.3512G	45.59	54.00	-8.41	3	Vertical	346	1.64	-
5300MHz	Pass	PK	5.3056G	118.98	Inf	-Inf	3	Vertical	346	1.64	-
5300MHz	Pass	PK	5.3512G	62.67	74.00	-11.33	3	Vertical	346	1.64	-
5300MHz	Pass	AV	5.3032G	98.44	Inf	-Inf	3	Horizontal	288	1.58	-
5300MHz	Pass	AV	5.3876G	42.40	54.00	-11.60	3	Horizontal	288	1.58	-
5300MHz	Pass	PK	5.3032G	107.52	Inf	-Inf	3	Horizontal	288	1.58	-
5300MHz	Pass	PK	5.3952G	56.27	74.00	-17.73	3	Horizontal	288	1.58	-
5300MHz	Pass	AV	10.6009G	48.13	54.00	-5.87	3	Vertical	242	1.50	-
5300MHz	Pass	AV	15.8991G	53.80	54.00	-0.20	3	Vertical	10	1.73	-
5300MHz	Pass	PK	10.6009G	62.00	74.00	-12.00	3	Vertical	242	1.50	-
5300MHz	Pass	PK	15.89862G	67.66	74.00	-6.34	3	Vertical	10	1.73	-
5300MHz	Pass	AV	10.60084G	43.18	54.00	-10.82	3	Horizontal	266	1.30	-
5300MHz	Pass	AV	15.89916G	47.89	54.00	-6.11	3	Horizontal	330	2.41	-
5300MHz	Pass	PK	10.60048G	56.98	74.00	-17.02	3	Horizontal	266	1.30	-
5300MHz	Pass	PK	15.89898G	61.61	74.00	-12.39	3	Horizontal	330	2.41	-
5320MHz	Pass	AV	5.3216G	109.12	Inf	-Inf	3	Vertical	341	1.65	-
5320MHz	Pass	AV	5.3504G	53.64	54.00	-0.36	3	Vertical	341	1.65	-
5320MHz	Pass	PK	5.3168G	118.47	Inf	-Inf	3	Vertical	341	1.65	-
5320MHz	Pass	PK	5.3508G	72.72	74.00	-1.28	3	Vertical	341	1.65	-
5320MHz	Pass	AV	5.3184G	96.98	Inf	-Inf	3	Horizontal	278	1.46	-
5320MHz	Pass	AV	5.3524G	44.06	54.00	-9.94	3	Horizontal	278	1.46	-
5320MHz	Pass	PK	5.3184G	106.12	Inf	-Inf	3	Horizontal	278	1.46	-
5320MHz	Pass	PK	5.3528G	59.17	74.00	-14.83	3	Horizontal	278	1.46	-
5320MHz	Pass	AV	10.64036G	47.68	54.00	-6.32	3	Vertical	242	1.55	-
5320MHz	Pass	AV	15.96138G	50.39	54.00	-3.61	3	Vertical	7	1.80	-
5320MHz	Pass	PK	10.6364G	61.73	74.00	-12.27	3	Vertical	242	1.55	-
5320MHz	Pass	PK	15.951G	65.23	74.00	-8.77	3	Vertical	7	1.80	-
5320MHz	Pass	AV	10.64012G	45.52	54.00	-8.48	3	Horizontal	300	1.00	-
5320MHz	Pass	AV	15.96138G	45.92	54.00	-8.08	3	Horizontal	339	2.38	-
5320MHz	Pass	PK	10.6403G	58.50	74.00	-15.50	3	Horizontal	300	1.00	-
5320MHz	Pass	PK	15.95082G	60.32	74.00	-13.68	3	Horizontal	339	2.38	-
5500MHz	Pass	AV	5.4208G	46.01	54.00	-7.99	3	Vertical	182	1.48	-
5500MHz	Pass	AV	5.496G	105.55	Inf	-Inf	3	Vertical	182	1.48	-
5500MHz	Pass	PK	5.4692G	67.99	68.20	-0.21	3	Vertical	182	1.48	-
5500MHz	Pass	PK	5.5056G	114.99	Inf	-Inf	3	Vertical	182	1.48	-
5500MHz	Pass	AV	5.4588G	42.83	54.00	-11.17	3	Horizontal	246	1.54	-
5500MHz	Pass	AV	5.5016G	94.11	Inf	-Inf	3	Horizontal	246	1.54	-
5500MHz	Pass	PK	5.4668G	57.00	68.20	-11.20	3	Horizontal	246	1.54	-
5500MHz	Pass	PK	5.4968G	103.09	Inf	-Inf	3	Horizontal	246	1.54	-
5500MHz	Pass	AV	11G	45.37	54.00	-8.63	3	Vertical	268	2.23	-
5500MHz	Pass	PK	11.00456G	58.49	74.00	-15.51	3	Vertical	268	2.23	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	16.503G	60.35	68.20	-7.85	3	Vertical	360	1.99	-
5500MHz	Pass	AV	11.0012G	43.79	54.00	-10.21	3	Horizontal	359	1.03	-
5500MHz	Pass	PK	10.9964G	56.61	74.00	-17.39	3	Horizontal	359	1.03	-
5500MHz	Pass	PK	16.49706G	60.19	68.20	-8.01	3	Horizontal	41	2.07	-
5580MHz	Pass	AV	5.46G	43.35	54.00	-10.65	3	Vertical	180	1.50	-
5580MHz	Pass	AV	5.5848G	109.49	Inf	-Inf	3	Vertical	180	1.50	-
5580MHz	Pass	PK	5.4666G	55.32	68.20	-12.88	3	Vertical	180	1.50	-
5580MHz	Pass	PK	5.5854G	119.03	Inf	-Inf	3	Vertical	180	1.50	-
5580MHz	Pass	PK	5.7258G	56.15	68.20	-12.05	3	Vertical	180	1.50	-
5580MHz	Pass	AV	5.46G	42.59	54.00	-11.41	3	Horizontal	250	1.60	-
5580MHz	Pass	AV	5.5764G	97.26	Inf	-Inf	3	Horizontal	250	1.60	-
5580MHz	Pass	PK	5.4612G	54.39	68.20	-13.81	3	Horizontal	250	1.60	-
5580MHz	Pass	PK	5.5764G	106.55	Inf	-Inf	3	Horizontal	250	1.60	-
5580MHz	Pass	PK	5.7252G	55.50	68.20	-12.70	3	Horizontal	250	1.60	-
5580MHz	Pass	AV	11.16102G	47.94	54.00	-6.06	3	Vertical	298	2.22	-
5580MHz	Pass	PK	11.16168G	61.74	74.00	-12.26	3	Vertical	298	2.22	-
5580MHz	Pass	PK	16.73958G	67.86	68.20	-0.34	3	Vertical	12	1.87	-
5580MHz	Pass	AV	11.16162G	44.33	54.00	-9.67	3	Horizontal	156	1.00	-
5580MHz	Pass	PK	11.16114G	57.94	74.00	-16.06	3	Horizontal	156	1.00	-
5580MHz	Pass	PK	16.73952G	65.44	68.20	-2.76	3	Horizontal	44	2.01	-
5700MHz	Pass	AV	5.6984G	105.70	Inf	-Inf	3	Vertical	174	1.67	-
5700MHz	Pass	PK	5.6984G	115.21	Inf	-Inf	3	Vertical	174	1.67	-
5700MHz	Pass	PK	5.728G	67.82	68.20	-0.38	3	Vertical	174	1.67	-
5700MHz	Pass	AV	5.7016G	93.36	Inf	-Inf	3	Horizontal	245	1.50	-
5700MHz	Pass	PK	5.6968G	102.90	Inf	-Inf	3	Horizontal	245	1.50	-
5700MHz	Pass	PK	5.726G	58.75	68.20	-9.45	3	Horizontal	245	1.50	-
5700MHz	Pass	AV	11.39826G	43.90	54.00	-10.10	3	Vertical	269	2.70	-
5700MHz	Pass	PK	11.40816G	57.29	74.00	-16.71	3	Vertical	269	2.70	-
5700MHz	Pass	PK	17.09826G	61.83	68.20	-6.37	3	Vertical	0	2.02	-
5700MHz	Pass	AV	11.40126G	43.60	54.00	-10.40	3	Horizontal	344	2.14	-
5700MHz	Pass	PK	11.39604G	56.65	74.00	-17.35	3	Horizontal	344	2.14	-
5700MHz	Pass	PK	17.08788G	60.64	68.20	-7.56	3	Horizontal	360	1.29	-
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1496G	44.73	54.00	-9.27	3	Vertical	305	1.50	-
5260MHz	Pass	AV	5.263G	110.41	Inf	-Inf	3	Vertical	305	1.50	-
5260MHz	Pass	AV	5.3614G	46.40	54.00	-7.60	3	Vertical	305	1.50	-
5260MHz	Pass	PK	5.128G	57.38	74.00	-16.62	3	Vertical	305	1.50	-
5260MHz	Pass	PK	5.2624G	119.70	Inf	-Inf	3	Vertical	305	1.50	-
5260MHz	Pass	PK	5.362G	58.79	74.00	-15.21	3	Vertical	305	1.50	-
5260MHz	Pass	AV	5.1184G	43.97	54.00	-10.03	3	Horizontal	287	1.75	-
5260MHz	Pass	AV	5.257G	101.42	Inf	-Inf	3	Horizontal	287	1.75	-
5260MHz	Pass	AV	5.398G	42.55	54.00	-11.45	3	Horizontal	287	1.75	-
5260MHz	Pass	PK	5.1442G	56.30	74.00	-17.70	3	Horizontal	287	1.75	-
5260MHz	Pass	PK	5.2552G	110.80	Inf	-Inf	3	Horizontal	287	1.75	-
5260MHz	Pass	PK	5.3914G	55.46	74.00	-18.54	3	Horizontal	287	1.75	-
5260MHz	Pass	AV	15.7806G	51.96	54.00	-2.04	3	Vertical	12	1.41	-
5260MHz	Pass	PK	10.518G	62.40	68.20	-5.80	3	Vertical	360	1.35	-
5260MHz	Pass	PK	15.7866G	67.38	74.00	-6.62	3	Vertical	12	1.41	-
5260MHz	Pass	AV	15.78072G	48.98	54.00	-5.02	3	Horizontal	340	3.00	-
5260MHz	Pass	PK	10.51896G	61.01	68.20	-7.19	3	Horizontal	297	1.97	-
5260MHz	Pass	PK	15.78648G	63.85	74.00	-10.15	3	Horizontal	340	3.00	-
5300MHz	Pass	AV	5.3028G	110.40	Inf	-Inf	3	Vertical	337	1.64	-
5300MHz	Pass	AV	5.35G	50.53	54.00	-3.47	3	Vertical	337	1.64	-
5300MHz	Pass	PK	5.2952G	119.85	Inf	-Inf	3	Vertical	337	1.64	-
5300MHz	Pass	PK	5.3504G	73.62	74.00	-0.38	3	Vertical	337	1.64	-
5300MHz	Pass	AV	5.2968G	99.50	Inf	-Inf	3	Horizontal	289	1.70	-
5300MHz	Pass	AV	5.35G	42.96	54.00	-11.04	3	Horizontal	289	1.70	-
5300MHz	Pass	PK	5.2952G	109.15	Inf	-Inf	3	Horizontal	289	1.70	-
5300MHz	Pass	PK	5.3572G	59.11	74.00	-14.89	3	Horizontal	289	1.70	-
5300MHz	Pass	AV	15.90047G	45.97	54.00	-8.03	3	Vertical	326	2.98	-
5300MHz	Pass	PK	10.59905G	62.69	68.20	-5.51	3	Vertical	241	1.67	-
5300MHz	Pass	PK	15.90131G	60.78	74.00	-13.22	3	Vertical	326	2.98	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5300MHz	Pass	AV	15.90181G	45.10	54.00	-8.90	3	Horizontal	343	3.00	-
5300MHz	Pass	PK	10.59967G	62.26	68.20	-5.94	3	Horizontal	300	2.03	-
5300MHz	Pass	PK	15.90131G	59.88	74.00	-14.12	3	Horizontal	343	3.00	-
5320MHz	Pass	AV	5.3228G	107.85	Inf	-Inf	3	Vertical	335	1.50	-
5320MHz	Pass	AV	5.35G	53.18	54.00	-0.82	3	Vertical	335	1.50	-
5320MHz	Pass	PK	5.3152G	117.66	Inf	-Inf	3	Vertical	335	1.50	-
5320MHz	Pass	PK	5.3504G	73.90	74.00	-0.10	3	Vertical	335	1.50	-
5320MHz	Pass	AV	5.3144G	96.33	Inf	-Inf	3	Horizontal	289	1.65	-
5320MHz	Pass	AV	5.35G	44.93	54.00	-9.07	3	Horizontal	289	1.65	-
5320MHz	Pass	PK	5.3152G	105.92	Inf	-Inf	3	Horizontal	289	1.65	-
5320MHz	Pass	PK	5.3504G	62.44	74.00	-11.56	3	Horizontal	289	1.65	-
5320MHz	Pass	AV	10.63976G	46.01	54.00	-7.99	3	Vertical	183	3.00	-
5320MHz	Pass	AV	15.9644G	47.51	54.00	-6.49	3	Vertical	345	3.00	-
5320MHz	Pass	PK	10.64186G	59.55	74.00	-14.45	3	Vertical	183	3.00	-
5320MHz	Pass	PK	15.96104G	62.46	74.00	-11.54	3	Vertical	345	3.00	-
5320MHz	Pass	AV	10.63984G	46.35	54.00	-7.65	3	Horizontal	269	1.00	-
5320MHz	Pass	AV	15.96352G	43.53	54.00	-10.47	3	Horizontal	330	1.00	-
5320MHz	Pass	PK	10.64059G	60.60	74.00	-13.40	3	Horizontal	269	1.00	-
5320MHz	Pass	PK	15.96564G	57.00	74.00	-17.00	3	Horizontal	330	1.00	-
5500MHz	Pass	AV	5.4256G	45.59	54.00	-8.41	3	Vertical	181	1.62	-
5500MHz	Pass	AV	5.503G	105.50	Inf	-Inf	3	Vertical	181	1.62	-
5500MHz	Pass	PK	5.4658G	67.54	68.20	-0.66	3	Vertical	181	1.62	-
5500MHz	Pass	PK	5.4952G	114.80	Inf	-Inf	3	Vertical	181	1.62	-
5500MHz	Pass	AV	5.4586G	42.70	54.00	-11.30	3	Horizontal	71	1.68	-
5500MHz	Pass	AV	5.503G	92.65	Inf	-Inf	3	Horizontal	71	1.68	-
5500MHz	Pass	PK	5.4682G	58.33	68.20	-9.87	3	Horizontal	71	1.68	-
5500MHz	Pass	PK	5.4952G	102.54	Inf	-Inf	3	Horizontal	71	1.68	-
5500MHz	Pass	AV	10.99982G	44.79	54.00	-9.21	3	Vertical	270	2.01	-
5500MHz	Pass	PK	10.99782G	59.01	74.00	-14.99	3	Vertical	270	2.01	-
5500MHz	Pass	PK	16.49798G	63.22	68.20	-4.98	3	Vertical	13	1.83	-
5500MHz	Pass	AV	10.99993G	43.46	54.00	-10.54	3	Horizontal	155	1.99	-
5500MHz	Pass	PK	10.99912G	58.40	74.00	-15.60	3	Horizontal	155	1.99	-
5500MHz	Pass	PK	16.50164G	59.32	68.20	-8.88	3	Horizontal	310	1.76	-
5580MHz	Pass	AV	5.4594G	43.82	54.00	-10.18	3	Vertical	181	1.56	-
5580MHz	Pass	AV	5.5746G	109.22	Inf	-Inf	3	Vertical	181	1.56	-
5580MHz	Pass	PK	5.4654G	56.63	68.20	-11.57	3	Vertical	181	1.56	-
5580MHz	Pass	PK	5.5752G	118.80	Inf	-Inf	3	Vertical	181	1.56	-
5580MHz	Pass	PK	5.7282G	58.03	68.20	-10.17	3	Vertical	181	1.56	-
5580MHz	Pass	AV	5.4576G	42.93	54.00	-11.07	3	Horizontal	72	1.74	-
5580MHz	Pass	AV	5.583G	95.72	Inf	-Inf	3	Horizontal	72	1.74	-
5580MHz	Pass	PK	5.4678G	56.57	68.20	-11.63	3	Horizontal	72	1.74	-
5580MHz	Pass	PK	5.5752G	105.29	Inf	-Inf	3	Horizontal	72	1.74	-
5580MHz	Pass	PK	5.7252G	55.62	68.20	-12.58	3	Horizontal	72	1.74	-
5580MHz	Pass	AV	11.15984G	45.27	54.00	-8.73	3	Vertical	303	2.25	-
5580MHz	Pass	PK	11.16038G	60.06	74.00	-13.94	3	Vertical	303	2.25	-
5580MHz	Pass	PK	16.74108G	68.11	68.20	-0.09	3	Vertical	10	1.91	-
5580MHz	Pass	AV	11.1598G	43.14	54.00	-10.86	3	Horizontal	151	2.16	-
5580MHz	Pass	PK	11.15838G	56.82	74.00	-17.18	3	Horizontal	151	2.16	-
5580MHz	Pass	PK	16.74078G	65.70	68.20	-2.50	3	Horizontal	15	1.99	-
5700MHz	Pass	AV	5.6944G	105.39	Inf	-Inf	3	Vertical	187	1.61	-
5700MHz	Pass	PK	5.6952G	115.61	Inf	-Inf	3	Vertical	187	1.61	-
5700MHz	Pass	PK	5.7272G	67.52	68.20	-0.68	3	Vertical	187	1.61	-
5700MHz	Pass	AV	5.7028G	89.98	Inf	-Inf	3	Horizontal	79	1.50	-
5700MHz	Pass	PK	5.6952G	99.76	Inf	-Inf	3	Horizontal	79	1.50	-
5700MHz	Pass	PK	5.774G	56.73	68.20	-11.47	3	Horizontal	79	1.50	-
5700MHz	Pass	AV	11.3999G	43.63	54.00	-10.37	3	Vertical	245	2.52	-
5700MHz	Pass	PK	11.39957G	58.21	74.00	-15.79	3	Vertical	245	2.52	-
5700MHz	Pass	PK	17.10185G	62.92	68.20	-5.28	3	Vertical	10	1.02	-
5700MHz	Pass	AV	11.39995G	43.77	54.00	-10.23	3	Horizontal	336	2.00	-
5700MHz	Pass	PK	11.40014G	57.93	74.00	-16.07	3	Horizontal	336	2.00	-
5700MHz	Pass	PK	17.10114G	62.60	68.20	-5.60	3	Horizontal	47	1.69	-
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-

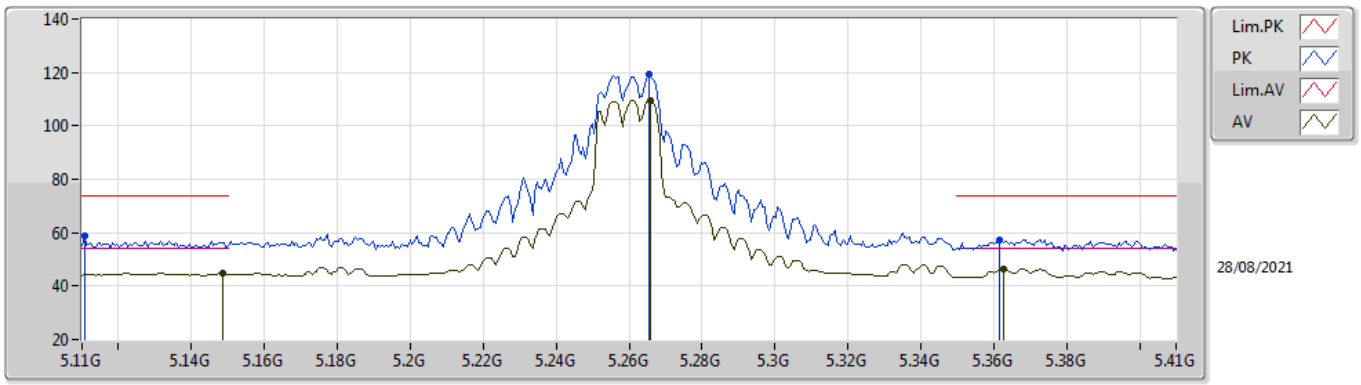
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	5.1224G	44.92	54.00	-9.08	3	Vertical	339	1.50	-
5270MHz	Pass	AV	5.2658G	107.48	Inf	-Inf	3	Vertical	339	1.50	-
5270MHz	Pass	AV	5.35G	52.04	54.00	-1.96	3	Vertical	339	1.50	-
5270MHz	Pass	PK	5.1476G	57.59	74.00	-16.41	3	Vertical	339	1.50	-
5270MHz	Pass	PK	5.2622G	116.92	Inf	-Inf	3	Vertical	339	1.50	-
5270MHz	Pass	PK	5.357G	70.05	74.00	-3.95	3	Vertical	339	1.50	-
5270MHz	Pass	AV	5.1236G	43.99	54.00	-10.01	3	Horizontal	288	1.50	-
5270MHz	Pass	AV	5.2772G	94.69	Inf	-Inf	3	Horizontal	288	1.50	-
5270MHz	Pass	AV	5.35G	44.07	54.00	-9.93	3	Horizontal	288	1.50	-
5270MHz	Pass	PK	5.1278G	56.61	74.00	-17.39	3	Horizontal	288	1.50	-
5270MHz	Pass	PK	5.2802G	103.76	Inf	-Inf	3	Horizontal	288	1.50	-
5270MHz	Pass	PK	5.35G	59.96	74.00	-14.04	3	Horizontal	288	1.50	-
5270MHz	Pass	AV	15.81228G	48.03	54.00	-5.97	3	Vertical	18	1.20	-
5270MHz	Pass	PK	10.53454G	58.91	68.20	-9.29	3	Vertical	236	1.50	-
5270MHz	Pass	PK	15.8112G	61.37	74.00	-12.63	3	Vertical	18	1.20	-
5270MHz	Pass	AV	15.81204G	45.91	54.00	-8.09	3	Horizontal	11	3.00	-
5270MHz	Pass	PK	10.53718G	57.17	68.20	-11.03	3	Horizontal	195	2.71	-
5270MHz	Pass	PK	15.80754G	59.66	74.00	-14.34	3	Horizontal	11	3.00	-
5310MHz	Pass	AV	5.308G	102.93	Inf	-Inf	3	Vertical	343	1.50	-
5310MHz	Pass	AV	5.35G	52.45	54.00	-1.55	3	Vertical	343	1.50	-
5310MHz	Pass	PK	5.3024G	112.44	Inf	-Inf	3	Vertical	343	1.50	-
5310MHz	Pass	PK	5.3516G	73.91	74.00	-0.09	3	Vertical	343	1.50	-
5310MHz	Pass	AV	5.3044G	91.07	Inf	-Inf	3	Horizontal	293	1.50	-
5310MHz	Pass	AV	5.35G	43.27	54.00	-10.73	3	Horizontal	293	1.50	-
5310MHz	Pass	PK	5.3024G	100.86	Inf	-Inf	3	Horizontal	293	1.50	-
5310MHz	Pass	PK	5.3512G	57.88	74.00	-16.12	3	Horizontal	293	1.50	-
5310MHz	Pass	AV	10.61994G	45.12	54.00	-8.88	3	Vertical	0	2.75	-
5310MHz	Pass	AV	15.9207G	44.17	54.00	-9.83	3	Vertical	24	1.62	-
5310MHz	Pass	PK	10.61982G	56.46	74.00	-17.54	3	Vertical	0	2.75	-
5310MHz	Pass	PK	15.92946G	57.56	74.00	-16.44	3	Vertical	24	1.62	-
5310MHz	Pass	AV	10.6197G	42.02	54.00	-11.98	3	Horizontal	270	1.20	-
5310MHz	Pass	AV	15.91836G	43.14	54.00	-10.86	3	Horizontal	325	1.50	-
5310MHz	Pass	PK	10.63104G	55.45	74.00	-18.55	3	Horizontal	270	1.20	-
5310MHz	Pass	PK	15.91758G	56.29	74.00	-17.71	3	Horizontal	325	1.50	-
5510MHz	Pass	AV	5.46G	48.13	54.00	-5.87	3	Vertical	182	1.62	-
5510MHz	Pass	AV	5.5056G	102.11	Inf	-Inf	3	Vertical	182	1.62	-
5510MHz	Pass	PK	5.462G	67.64	68.20	-0.56	3	Vertical	182	1.62	-
5510MHz	Pass	PK	5.5024G	111.99	Inf	-Inf	3	Vertical	182	1.62	-
5510MHz	Pass	AV	5.46G	43.19	54.00	-10.81	3	Horizontal	72	1.67	-
5510MHz	Pass	AV	5.504G	88.83	Inf	-Inf	3	Horizontal	72	1.67	-
5510MHz	Pass	PK	5.4664G	55.99	68.20	-12.21	3	Horizontal	72	1.67	-
5510MHz	Pass	PK	5.5024G	98.65	Inf	-Inf	3	Horizontal	72	1.67	-
5510MHz	Pass	AV	11.02804G	42.30	54.00	-11.70	3	Vertical	302	2.22	-
5510MHz	Pass	PK	11.02114G	55.74	74.00	-18.26	3	Vertical	302	2.22	-
5510MHz	Pass	PK	16.5276G	59.82	68.20	-8.38	3	Vertical	8	1.98	-
5510MHz	Pass	AV	11.02732G	42.28	54.00	-11.72	3	Horizontal	333	1.48	-
5510MHz	Pass	PK	11.02958G	54.82	74.00	-19.18	3	Horizontal	333	1.48	-
5510MHz	Pass	PK	16.5288G	57.80	68.20	-10.40	3	Horizontal	300	2.32	-
5550MHz	Pass	AV	5.4592G	48.80	54.00	-5.20	3	Vertical	183	1.50	-
5550MHz	Pass	AV	5.5516G	107.12	Inf	-Inf	3	Vertical	183	1.50	-
5550MHz	Pass	PK	5.468G	67.81	68.20	-0.39	3	Vertical	183	1.50	-
5550MHz	Pass	PK	5.548G	116.59	Inf	-Inf	3	Vertical	183	1.50	-
5550MHz	Pass	AV	5.4592G	42.95	54.00	-11.05	3	Horizontal	315	1.48	-
5550MHz	Pass	AV	5.5592G	92.93	Inf	-Inf	3	Horizontal	315	1.48	-
5550MHz	Pass	PK	5.4688G	56.58	68.20	-11.62	3	Horizontal	315	1.48	-
5550MHz	Pass	PK	5.5568G	102.43	Inf	-Inf	3	Horizontal	315	1.48	-
5550MHz	Pass	AV	11.09982G	45.61	54.00	-8.39	3	Vertical	303	2.15	-
5550MHz	Pass	PK	11.1G	58.35	74.00	-15.65	3	Vertical	303	2.15	-
5550MHz	Pass	PK	16.64772G	67.83	68.20	-0.37	3	Vertical	7	1.98	-
5550MHz	Pass	AV	11.10018G	43.03	54.00	-10.97	3	Horizontal	255	2.72	-
5550MHz	Pass	PK	11.10864G	56.31	74.00	-17.69	3	Horizontal	255	2.72	-
5550MHz	Pass	PK	16.64796G	65.43	68.20	-2.77	3	Horizontal	44	1.97	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5670MHz	Pass	AV	5.668G	103.27	Inf	-Inf	3	Vertical	184	1.50	-
5670MHz	Pass	PK	5.662G	112.81	Inf	-Inf	3	Vertical	184	1.50	-
5670MHz	Pass	PK	5.7252G	67.40	68.20	-0.80	3	Vertical	184	1.50	-
5670MHz	Pass	AV	5.6656G	89.26	Inf	-Inf	3	Horizontal	78	1.50	-
5670MHz	Pass	PK	5.6624G	98.81	Inf	-Inf	3	Horizontal	78	1.50	-
5670MHz	Pass	PK	5.7552G	57.05	68.20	-11.15	3	Horizontal	78	1.50	-
5670MHz	Pass	AV	11.33964G	43.36	54.00	-10.64	3	Vertical	266	2.16	-
5670MHz	Pass	PK	11.34054G	56.82	74.00	-17.18	3	Vertical	266	2.16	-
5670MHz	Pass	PK	17.00742G	60.87	68.20	-7.33	3	Vertical	6	2.05	-
5670MHz	Pass	AV	11.34012G	42.43	54.00	-11.57	3	Horizontal	340	2.40	-
5670MHz	Pass	PK	11.33838G	55.27	74.00	-18.73	3	Horizontal	340	2.40	-
5670MHz	Pass	PK	16.99992G	59.47	68.20	-8.73	3	Horizontal	357	1.90	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.149G	45.11	54.00	-8.89	3	Vertical	25	1.50	-
5290MHz	Pass	AV	5.313G	99.48	Inf	-Inf	3	Vertical	25	1.50	-
5290MHz	Pass	AV	5.361G	53.64	54.00	-0.36	3	Vertical	25	1.50	-
5290MHz	Pass	PK	5.139G	57.61	74.00	-16.39	3	Vertical	25	1.50	-
5290MHz	Pass	PK	5.265G	109.21	Inf	-Inf	3	Vertical	25	1.50	-
5290MHz	Pass	PK	5.352G	70.50	74.00	-3.50	3	Vertical	25	1.50	-
5290MHz	Pass	AV	5.097G	44.31	54.00	-9.69	3	Horizontal	292	1.36	-
5290MHz	Pass	AV	5.266G	87.70	Inf	-Inf	3	Horizontal	292	1.36	-
5290MHz	Pass	AV	5.358G	43.97	54.00	-10.03	3	Horizontal	292	1.36	-
5290MHz	Pass	PK	5.14G	56.71	74.00	-17.29	3	Horizontal	292	1.36	-
5290MHz	Pass	PK	5.27G	97.87	Inf	-Inf	3	Horizontal	292	1.36	-
5290MHz	Pass	PK	5.537G	55.45	68.20	-12.75	3	Horizontal	292	1.36	-
5290MHz	Pass	AV	15.86738G	43.93	54.00	-10.07	3	Vertical	0	1.91	-
5290MHz	Pass	PK	10.58015G	56.42	68.20	-11.78	3	Vertical	331	1.00	-
5290MHz	Pass	PK	15.868G	57.30	74.00	-16.70	3	Vertical	0	1.91	-
5290MHz	Pass	AV	15.87084G	43.84	54.00	-10.16	3	Horizontal	304	1.50	-
5290MHz	Pass	PK	10.57982G	56.21	68.20	-11.99	3	Horizontal	336	2.08	-
5290MHz	Pass	PK	15.8701G	57.07	74.00	-16.93	3	Horizontal	304	1.50	-
5530MHz	Pass	AV	5.46G	53.77	54.00	-0.23	3	Vertical	180	1.71	-
5530MHz	Pass	AV	5.509G	97.65	Inf	-Inf	3	Vertical	180	1.71	-
5530MHz	Pass	PK	5.47G	67.38	68.20	-0.82	3	Vertical	180	1.71	-
5530MHz	Pass	PK	5.51G	108.19	Inf	-Inf	3	Vertical	180	1.71	-
5530MHz	Pass	PK	5.733G	58.02	68.20	-10.18	3	Vertical	180	1.71	-
5530MHz	Pass	AV	5.46G	44.33	54.00	-9.67	3	Horizontal	73	1.62	-
5530MHz	Pass	AV	5.553G	84.55	Inf	-Inf	3	Horizontal	73	1.62	-
5530MHz	Pass	PK	5.461G	55.97	68.20	-12.23	3	Horizontal	73	1.62	-
5530MHz	Pass	PK	5.51G	94.61	Inf	-Inf	3	Horizontal	73	1.62	-
5530MHz	Pass	PK	5.75G	55.85	68.20	-12.35	3	Horizontal	73	1.62	-
5530MHz	Pass	AV	11.06004G	42.75	54.00	-11.25	3	Vertical	56	1.50	-
5530MHz	Pass	PK	11.05902G	56.36	74.00	-17.64	3	Vertical	56	1.50	-
5530MHz	Pass	PK	16.58812G	59.20	68.20	-9.00	3	Vertical	309	1.50	-
5530MHz	Pass	AV	11.06218G	42.77	54.00	-11.23	3	Horizontal	106	1.11	-
5530MHz	Pass	PK	11.05761G	56.54	74.00	-17.46	3	Horizontal	106	1.11	-
5530MHz	Pass	PK	16.59051G	59.26	68.20	-8.94	3	Horizontal	272	2.58	-
5610MHz	Pass	AV	5.46G	45.65	54.00	-8.35	3	Vertical	180	1.50	-
5610MHz	Pass	AV	5.634G	101.39	Inf	-Inf	3	Vertical	180	1.50	-
5610MHz	Pass	PK	5.468G	61.60	68.20	-6.60	3	Vertical	180	1.50	-
5610MHz	Pass	PK	5.59G	112.02	Inf	-Inf	3	Vertical	180	1.50	-
5610MHz	Pass	PK	5.725G	67.47	68.20	-0.73	3	Vertical	180	1.50	-
5610MHz	Pass	AV	5.436G	42.71	54.00	-11.29	3	Horizontal	75	1.66	-
5610MHz	Pass	AV	5.622G	86.90	Inf	-Inf	3	Horizontal	75	1.66	-
5610MHz	Pass	PK	5.462G	55.12	68.20	-13.08	3	Horizontal	75	1.66	-
5610MHz	Pass	PK	5.615G	96.27	Inf	-Inf	3	Horizontal	75	1.66	-
5610MHz	Pass	PK	5.835G	57.37	68.20	-10.83	3	Horizontal	75	1.66	-
5610MHz	Pass	AV	11.21993G	43.60	54.00	-10.40	3	Vertical	235	2.34	-
5610MHz	Pass	PK	11.21969G	57.98	74.00	-16.02	3	Vertical	235	2.34	-
5610MHz	Pass	PK	16.83171G	62.75	68.20	-5.45	3	Vertical	5	2.00	-
5610MHz	Pass	AV	11.21998G	42.21	54.00	-11.79	3	Horizontal	22	2.29	-
5610MHz	Pass	PK	11.21953G	55.83	74.00	-18.17	3	Horizontal	22	2.29	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	16.82765G	61.13	68.20	-7.07	3	Horizontal	1	1.74	-

802.11a_Nss1,(6Mbps)_2TX

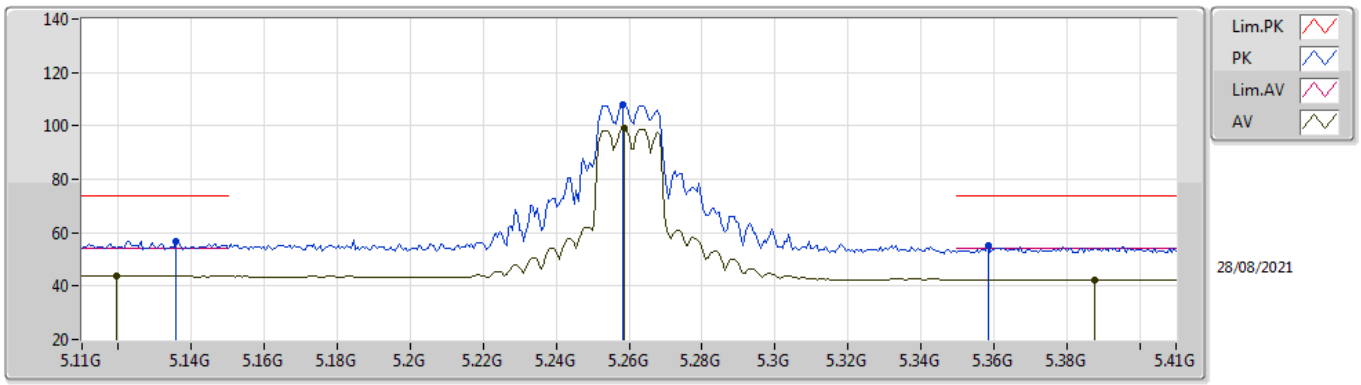
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1484G	44.65	54.00	-9.35	4.01	3	Vertical	347	1.59	-	40.64	31.90	6.87	34.76
AV	5.266G	109.55	Inf	-Inf	3.67	3	Vertical	347	1.59	-	105.88	31.47	6.97	34.77
AV	5.3626G	46.36	54.00	-7.64	3.56	3	Vertical	347	1.59	-	42.80	31.25	7.08	34.77
PK	5.1106G	58.66	74.00	-15.34	3.99	3	Vertical	347	1.59	-	54.67	31.90	6.85	34.76
PK	5.2654G	119.24	Inf	-Inf	3.67	3	Vertical	347	1.59	-	115.57	31.47	6.97	34.77
PK	5.3614G	57.50	74.00	-16.50	3.56	3	Vertical	347	1.59	-	53.94	31.25	7.08	34.77

802.11a_Nss1,(6Mbps)_2TX

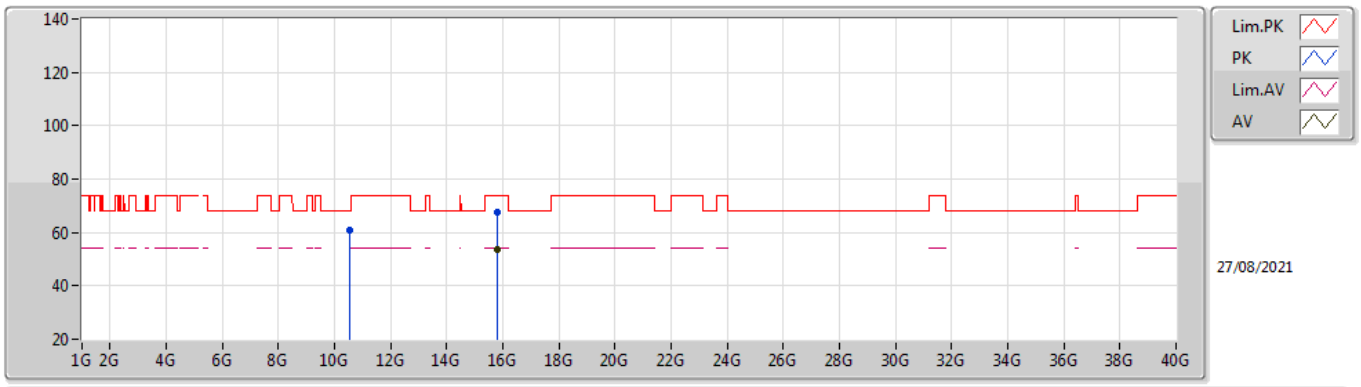
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1196G	43.76	54.00	-10.24	4.00	3	Horizontal	287	1.50	-	39.76	31.90	6.86	34.76
AV	5.2588G	98.91	Inf	-Inf	3.67	3	Horizontal	287	1.50	-	95.24	31.48	6.96	34.77
AV	5.3878G	42.43	54.00	-11.57	3.69	3	Horizontal	287	1.50	-	38.74	31.35	7.11	34.77
PK	5.1358G	56.77	74.00	-17.23	4.00	3	Horizontal	287	1.50	-	52.77	31.90	6.86	34.76
PK	5.2582G	107.89	Inf	-Inf	3.67	3	Horizontal	287	1.50	-	104.22	31.48	6.96	34.77
PK	5.3584G	55.40	74.00	-18.60	3.53	3	Horizontal	287	1.50	-	51.87	31.23	7.07	34.77

802.11a_Nss1,(6Mbps)_2TX

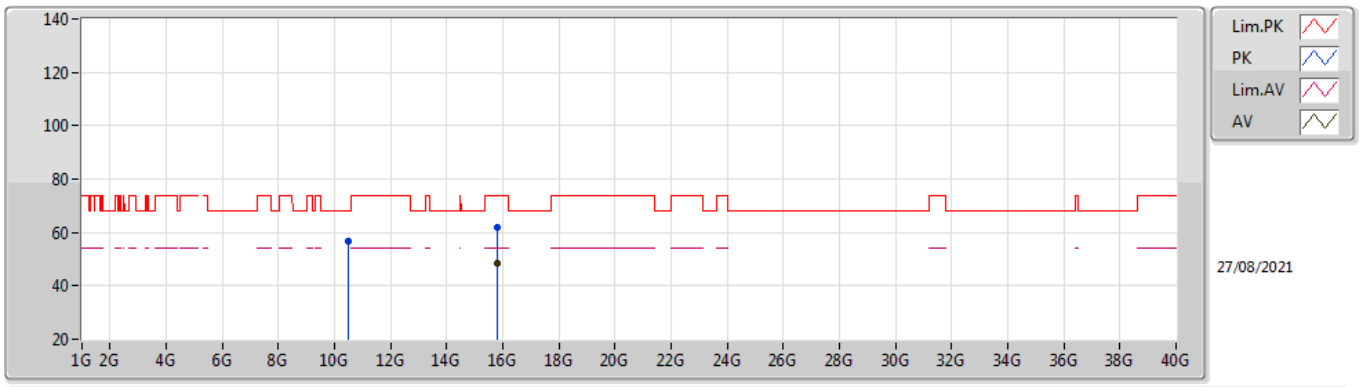
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77904G	53.57	54.00	-0.43	14.90	3	Vertical	25	1.70	-	38.67	37.62	12.34	35.06
PK	10.5212G	61.05	68.20	-7.15	14.13	3	Vertical	346	2.96	-	46.92	39.98	9.04	34.89
PK	15.77952G	67.56	74.00	-6.44	14.90	3	Vertical	25	1.70	-	52.66	37.62	12.34	35.06

802.11a_Nss1,(6Mbps)_2TX

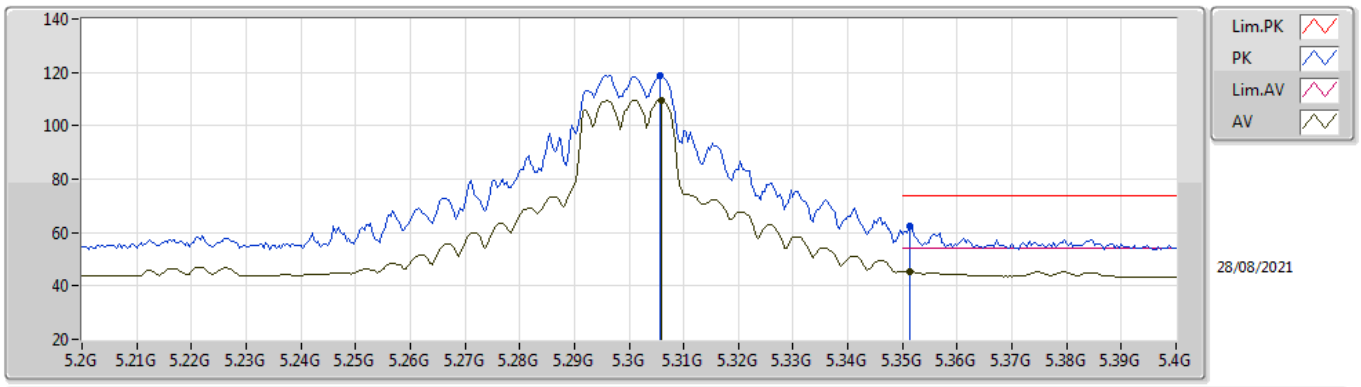
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.77904G	48.58	54.00	-5.42	14.90	3	Horizontal	342	3.00	-	33.68	37.62	12.34	35.06
PK	10.51178G	56.88	68.20	-11.32	14.13	3	Horizontal	158	1.92	-	42.75	39.99	9.04	34.90
PK	15.7788G	61.79	74.00	-12.21	14.90	3	Horizontal	342	3.00	-	46.89	37.62	12.34	35.06

802.11a_Nss1,(6Mbps)_2TX

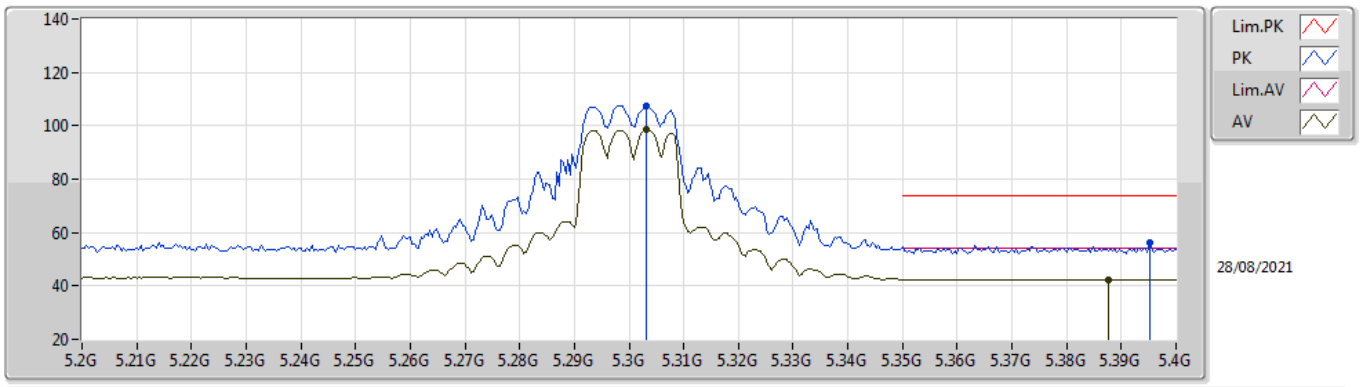
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.306G	109.65	Inf	-Inf	3.62	3	Vertical	346	1.64	-	106.03	31.38	7.01	34.77
AV	5.3512G	45.59	54.00	-8.41	3.49	3	Vertical	346	1.64	-	42.10	31.20	7.06	34.77
PK	5.3056G	118.98	Inf	-Inf	3.62	3	Vertical	346	1.64	-	115.36	31.38	7.01	34.77
PK	5.3512G	62.67	74.00	-11.33	3.49	3	Vertical	346	1.64	-	59.18	31.20	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

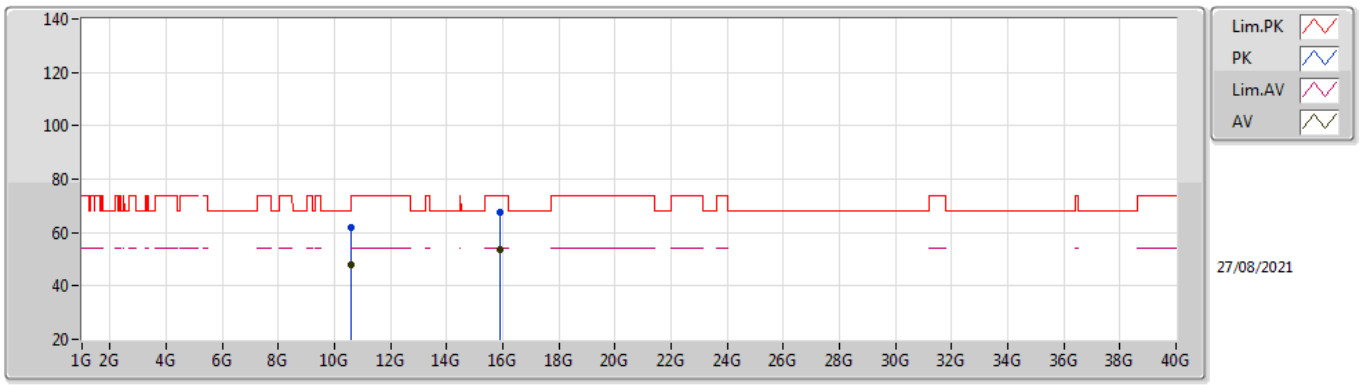
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3032G	98.44	Inf	-Inf	3.63	3	Horizontal	288	1.58	-	94.81	31.39	7.01	34.77
AV	5.3876G	42.40	54.00	-11.60	3.69	3	Horizontal	288	1.58	-	38.71	31.35	7.11	34.77
PK	5.3032G	107.52	Inf	-Inf	3.63	3	Horizontal	288	1.58	-	103.89	31.39	7.01	34.77
PK	5.3952G	56.27	74.00	-17.73	3.72	3	Horizontal	288	1.58	-	52.55	31.38	7.11	34.77

802.11a_Nss1,(6Mbps)_2TX

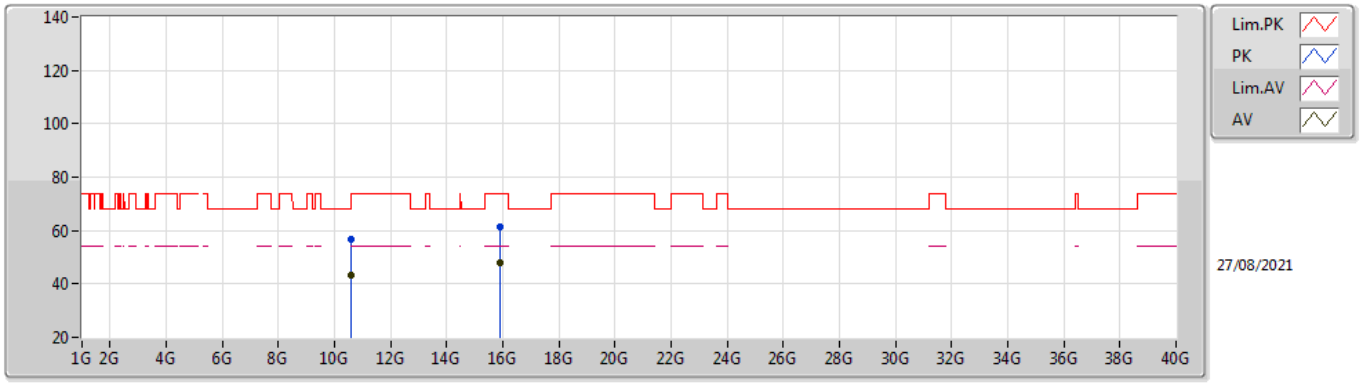
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6009G	48.13	54.00	-5.87	14.10	3	Vertical	242	1.50	-	34.03	39.90	9.07	34.87
AV	15.8991G	53.80	54.00	-0.20	14.73	3	Vertical	10	1.73	-	39.07	37.40	12.46	35.13
PK	10.6009G	62.00	74.00	-12.00	14.10	3	Vertical	242	1.50	-	47.90	39.90	9.07	34.87
PK	15.89862G	67.66	74.00	-6.34	14.73	3	Vertical	10	1.73	-	52.93	37.40	12.46	35.13

802.11a_Nss1,(6Mbps)_2TX

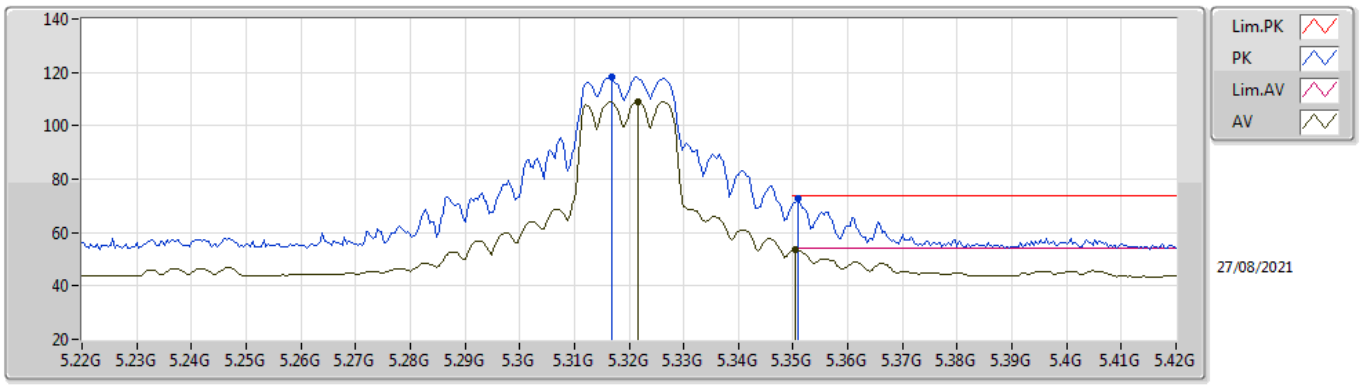
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60084G	43.18	54.00	-10.82	14.10	3	Horizontal	266	1.30	-	29.08	39.90	9.07	34.87
AV	15.89916G	47.89	54.00	-6.11	14.73	3	Horizontal	330	2.41	-	33.16	37.40	12.46	35.13
PK	10.60048G	56.98	74.00	-17.02	14.10	3	Horizontal	266	1.30	-	42.88	39.90	9.07	34.87
PK	15.89898G	61.61	74.00	-12.39	14.73	3	Horizontal	330	2.41	-	46.88	37.40	12.46	35.13

802.11a_Nss1,(6Mbps)_2TX

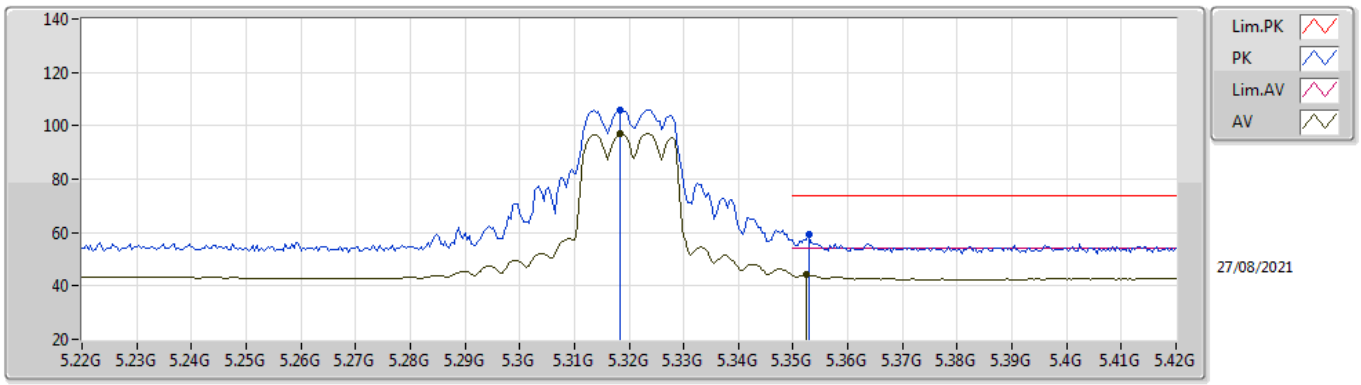
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3216G	109.12	Inf	-Inf	3.57	3	Vertical	341	1.65	-	105.55	31.31	7.03	34.77
AV	5.3504G	53.64	54.00	-0.36	3.49	3	Vertical	341	1.65	-	50.15	31.20	7.06	34.77
PK	5.3168G	118.47	Inf	-Inf	3.58	3	Vertical	341	1.65	-	114.89	31.33	7.02	34.77
PK	5.3508G	72.72	74.00	-1.28	3.49	3	Vertical	341	1.65	-	69.23	31.20	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

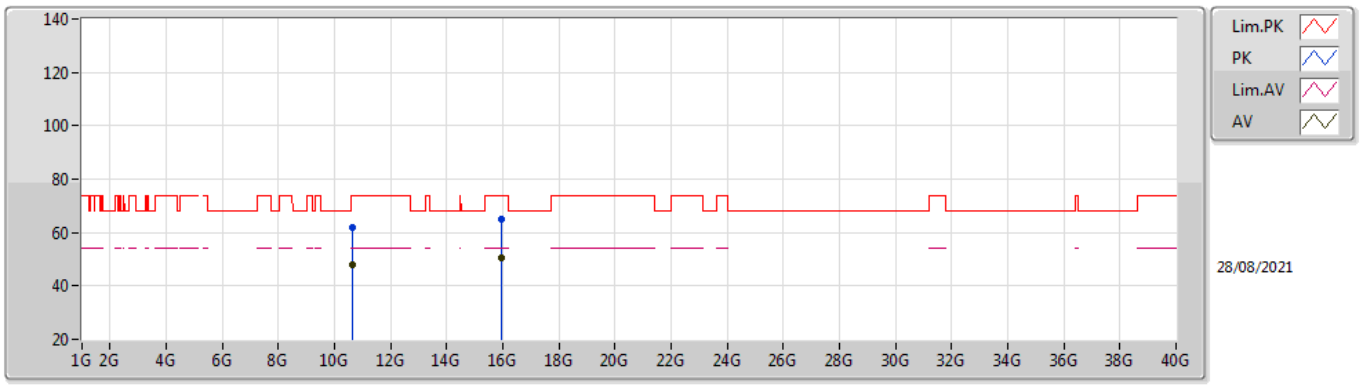
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3184G	96.98	Inf	-Inf	3.59	3	Horizontal	278	1.46	-	93.39	31.33	7.03	34.77
AV	5.3524G	44.06	54.00	-9.94	3.51	3	Horizontal	278	1.46	-	40.55	31.21	7.07	34.77
PK	5.3184G	106.12	Inf	-Inf	3.59	3	Horizontal	278	1.46	-	102.53	31.33	7.03	34.77
PK	5.3528G	59.17	74.00	-14.83	3.51	3	Horizontal	278	1.46	-	55.66	31.21	7.07	34.77

802.11a_Nss1,(6Mbps)_2TX

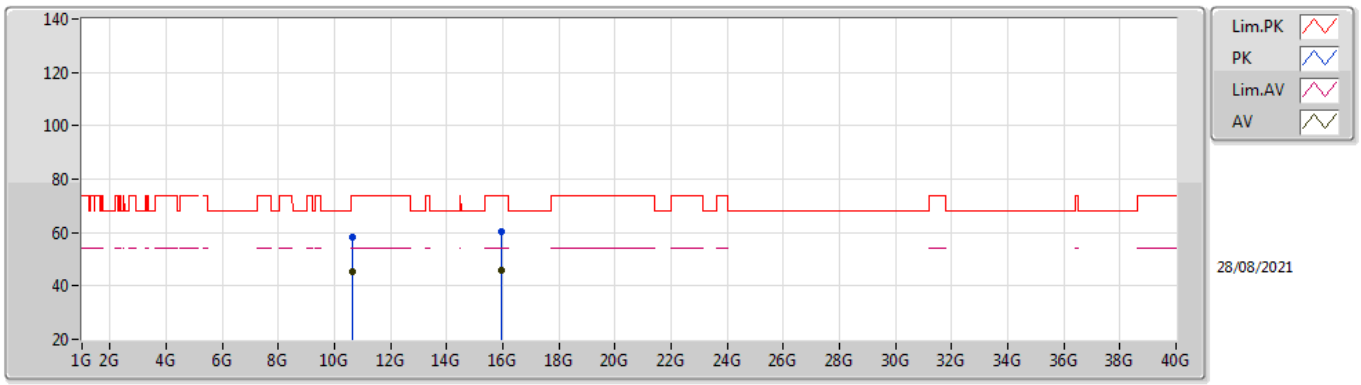
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64036G	47.68	54.00	-6.32	14.16	3	Vertical	242	1.55	-	33.52	39.94	9.08	34.86
AV	15.96138G	50.39	54.00	-3.61	14.69	3	Vertical	7	1.80	-	35.70	37.34	12.52	35.17
PK	10.6364G	61.73	74.00	-12.27	14.16	3	Vertical	242	1.55	-	47.57	39.94	9.08	34.86
PK	15.951G	65.23	74.00	-8.77	14.70	3	Vertical	7	1.80	-	50.53	37.35	12.51	35.16

802.11a_Nss1,(6Mbps)_2TX

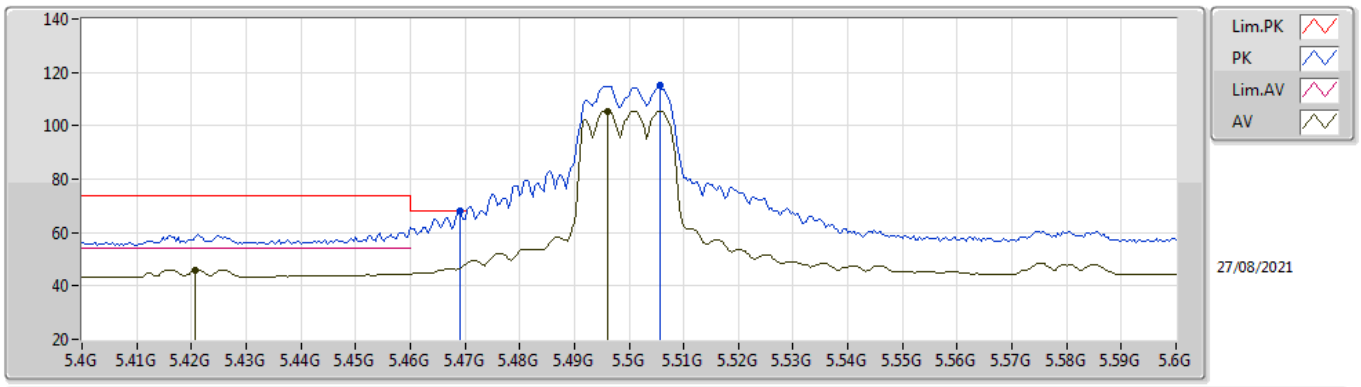
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64012G	45.52	54.00	-8.48	14.16	3	Horizontal	300	1.00	-	31.36	39.94	9.08	34.86
AV	15.96138G	45.92	54.00	-8.08	14.69	3	Horizontal	339	2.38	-	31.23	37.34	12.52	35.17
PK	10.6403G	58.50	74.00	-15.50	14.16	3	Horizontal	300	1.00	-	44.34	39.94	9.08	34.86
PK	15.95082G	60.32	74.00	-13.68	14.70	3	Horizontal	339	2.38	-	45.62	37.35	12.51	35.16

802.11a_Nss1,(6Mbps)_2TX

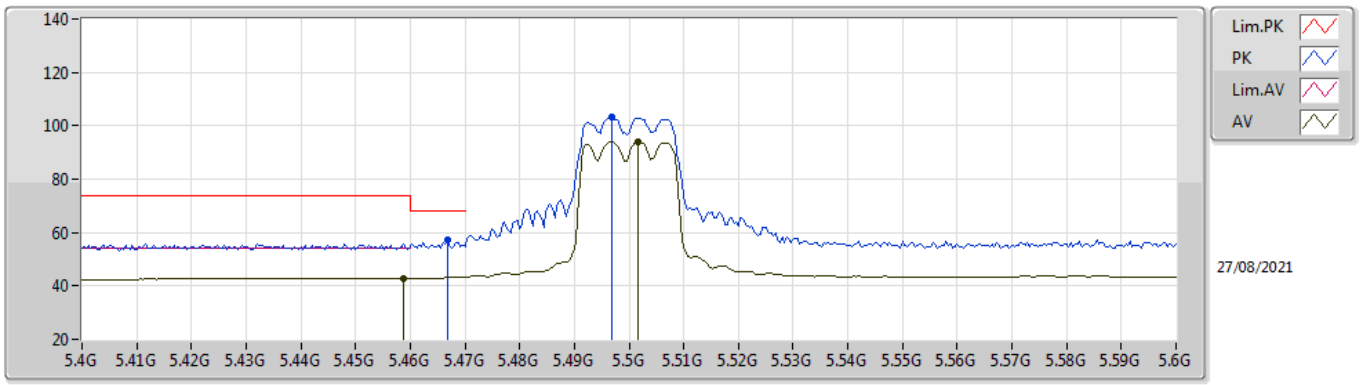
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4208G	46.01	54.00	-7.99	3.82	3	Vertical	182	1.48	-	42.19	31.48	7.11	34.77
AV	5.496G	105.55	Inf	-Inf	3.98	3	Vertical	182	1.48	-	101.57	31.69	7.06	34.77
PK	5.4692G	67.99	68.20	-0.21	3.95	3	Vertical	182	1.48	-	64.04	31.64	7.08	34.77
PK	5.5056G	114.99	Inf	-Inf	3.98	3	Vertical	182	1.48	-	111.01	31.70	7.05	34.77

802.11a_Nss1,(6Mbps)_2TX

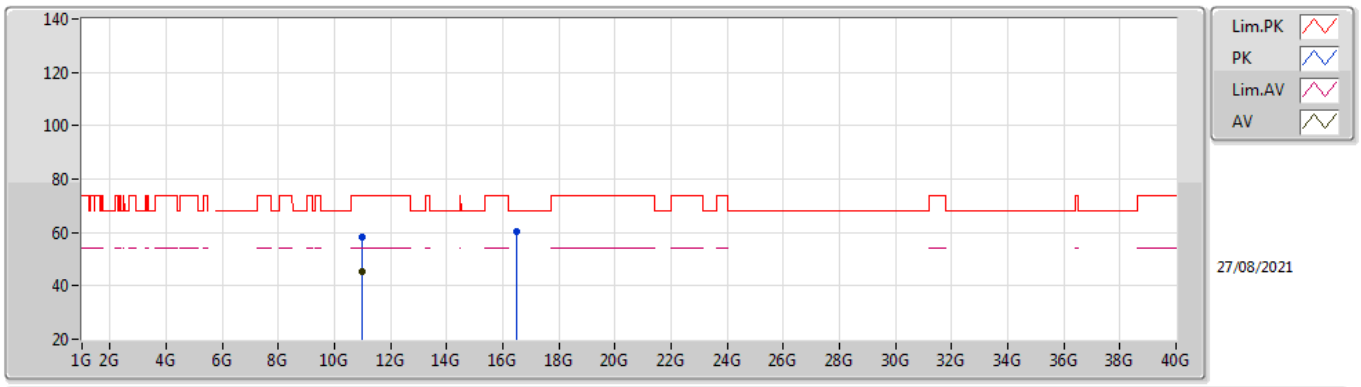
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4588G	42.83	54.00	-11.17	3.93	3	Horizontal	246	1.54	-	38.90	31.62	7.08	34.77
AV	5.5016G	94.11	Inf	-Inf	3.98	3	Horizontal	246	1.54	-	90.13	31.70	7.05	34.77
PK	5.4668G	57.00	68.20	-11.20	3.94	3	Horizontal	246	1.54	-	53.06	31.63	7.08	34.77
PK	5.4968G	103.09	Inf	-Inf	3.98	3	Horizontal	246	1.54	-	99.11	31.69	7.06	34.77

802.11a_Nss1,(6Mbps)_2TX

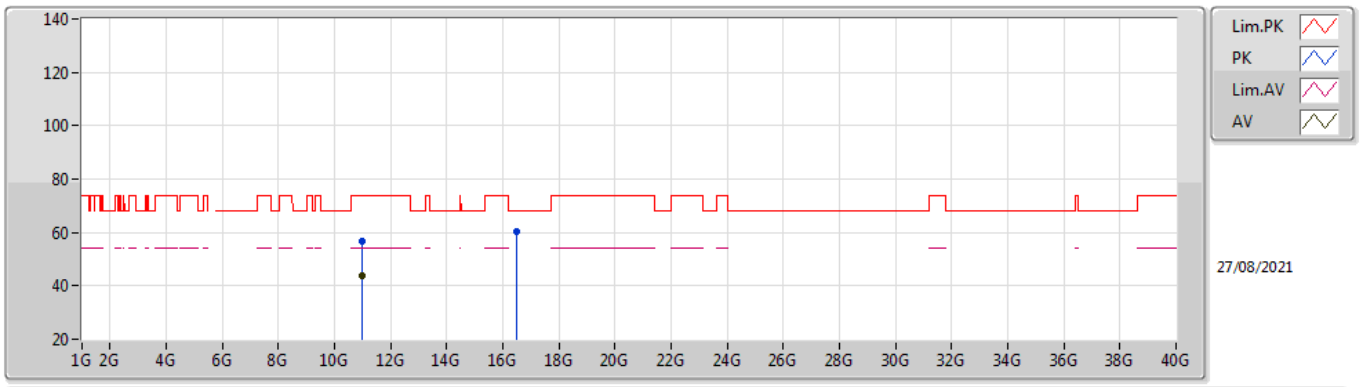
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11G	45.37	54.00	-8.63	14.66	3	Vertical	268	2.23	-	30.71	40.20	9.20	34.74
PK	11.00456G	58.49	74.00	-15.51	14.65	3	Vertical	268	2.23	-	43.84	40.19	9.20	34.74
PK	16.503G	60.35	68.20	-7.85	16.77	3	Vertical	360	1.99	-	43.58	38.99	12.71	34.93

802.11a_Nss1,(6Mbps)_2TX

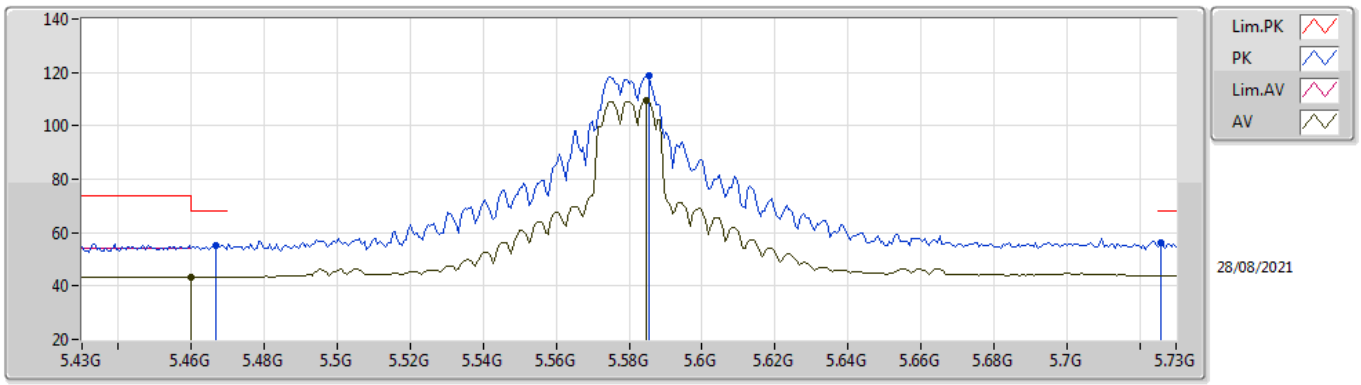
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0012G	43.79	54.00	-10.21	14.66	3	Horizontal	359	1.03	-	29.13	40.20	9.20	34.74
PK	10.9964G	56.61	74.00	-17.39	14.66	3	Horizontal	359	1.03	-	41.95	40.20	9.20	34.74
PK	16.49706G	60.19	68.20	-8.01	16.74	3	Horizontal	41	2.07	-	43.45	38.98	12.70	34.94

802.11a_Nss1,(6Mbps)_2TX

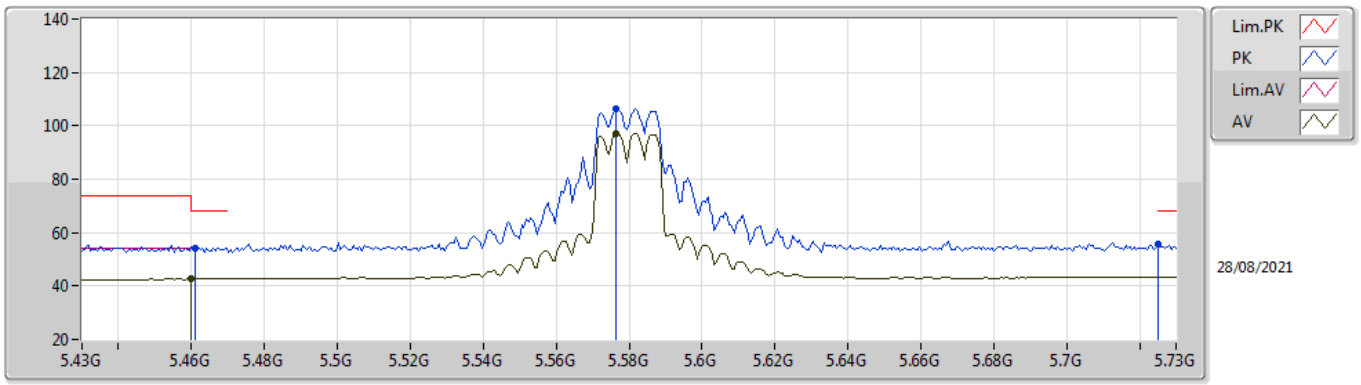
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	43.35	54.00	-10.65	3.93	3	Vertical	180	1.50	-	39.42	31.62	7.08	34.77
AV	5.5848G	109.49	Inf	-Inf	3.93	3	Vertical	180	1.50	-	105.56	31.70	7.00	34.77
PK	5.4666G	55.32	68.20	-12.88	3.94	3	Vertical	180	1.50	-	51.38	31.63	7.08	34.77
PK	5.5854G	119.03	Inf	-Inf	3.93	3	Vertical	180	1.50	-	115.10	31.70	7.00	34.77
PK	5.7258G	56.15	68.20	-12.05	4.07	3	Vertical	180	1.50	-	52.08	31.90	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

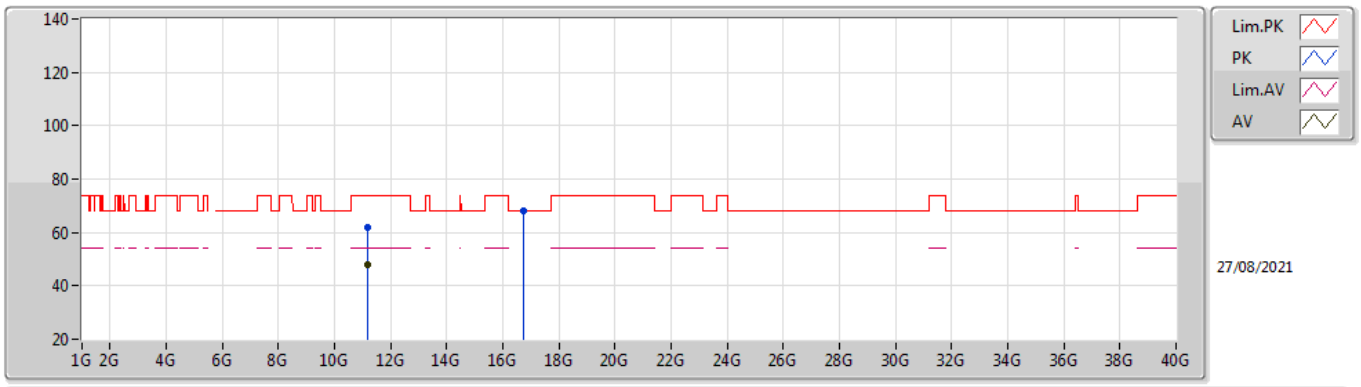
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	42.59	54.00	-11.41	3.93	3	Horizontal	250	1.60	-	38.66	31.62	7.08	34.77
AV	5.5764G	97.26	Inf	-Inf	3.94	3	Horizontal	250	1.60	-	93.32	31.70	7.01	34.77
PK	5.4612G	54.39	68.20	-13.81	3.93	3	Horizontal	250	1.60	-	50.46	31.62	7.08	34.77
PK	5.5764G	106.55	Inf	-Inf	3.94	3	Horizontal	250	1.60	-	102.61	31.70	7.01	34.77
PK	5.7252G	55.50	68.20	-12.70	4.07	3	Horizontal	250	1.60	-	51.43	31.90	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

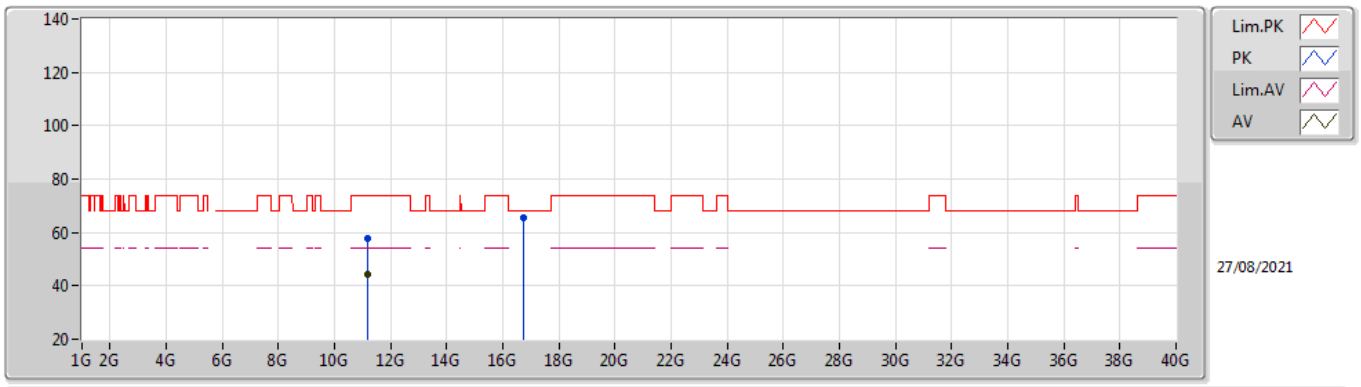
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16102G	47.94	54.00	-6.06	14.31	3	Vertical	298	2.22	-	33.63	39.76	9.25	34.70
PK	11.16168G	61.74	74.00	-12.26	14.30	3	Vertical	298	2.22	-	47.44	39.75	9.25	34.70
PK	16.73958G	67.86	68.20	-0.34	17.73	3	Vertical	12	1.87	-	50.13	39.42	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

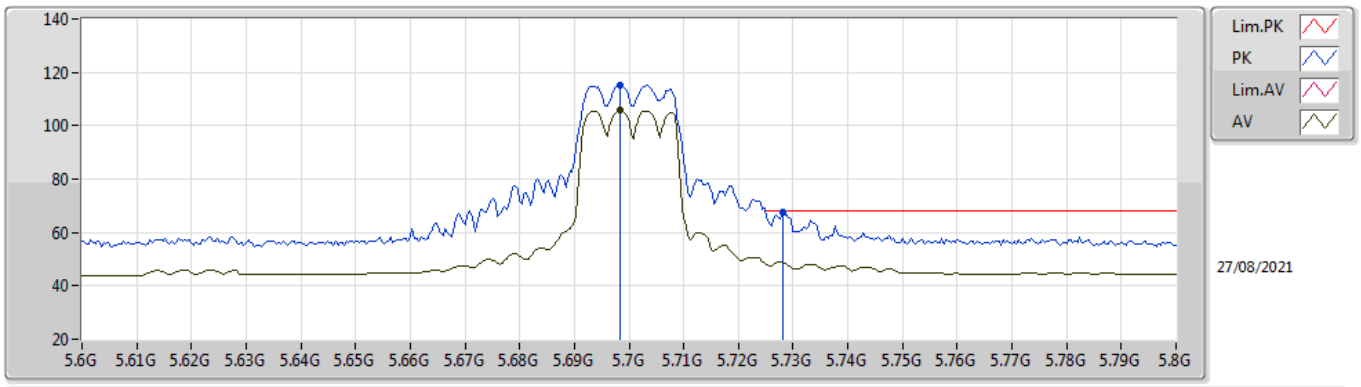
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16162G	44.33	54.00	-9.67	14.30	3	Horizontal	156	1.00	-	30.03	39.75	9.25	34.70
PK	11.16114G	57.94	74.00	-16.06	14.31	3	Horizontal	156	1.00	-	43.63	39.76	9.25	34.70
PK	16.73952G	65.44	68.20	-2.76	17.73	3	Horizontal	44	2.01	-	47.71	39.42	12.77	34.46

802.11a_Nss1,(6Mbps)_2TX

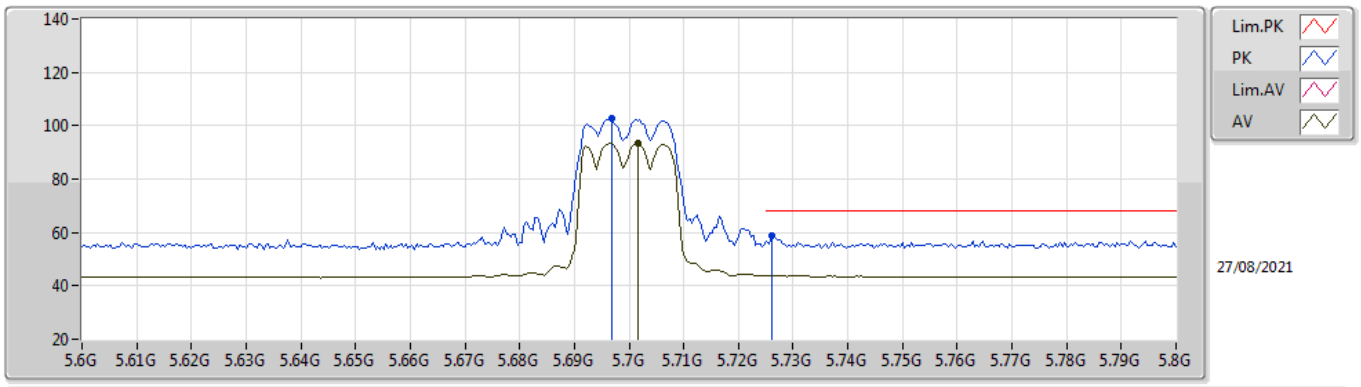
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6984G	105.70	Inf	-Inf	3.98	3	Vertical	174	1.67	-	101.72	31.80	6.95	34.77
PK	5.6984G	115.21	Inf	-Inf	3.98	3	Vertical	174	1.67	-	111.23	31.80	6.95	34.77
PK	5.728G	67.82	68.20	-0.38	4.08	3	Vertical	174	1.67	-	63.74	31.91	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

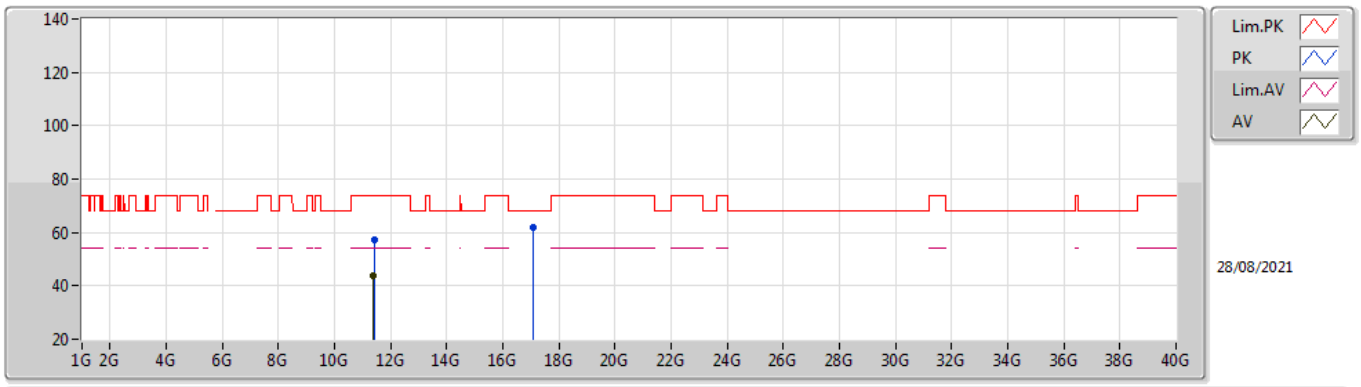
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7016G	93.36	Inf	-Inf	3.99	3	Horizontal	245	1.50	-	89.37	31.81	6.95	34.77
PK	5.6968G	102.90	Inf	-Inf	3.97	3	Horizontal	245	1.50	-	98.93	31.79	6.95	34.77
PK	5.726G	58.75	68.20	-9.45	4.07	3	Horizontal	245	1.50	-	54.68	31.90	6.94	34.77

802.11a_Nss1,(6Mbps)_2TX

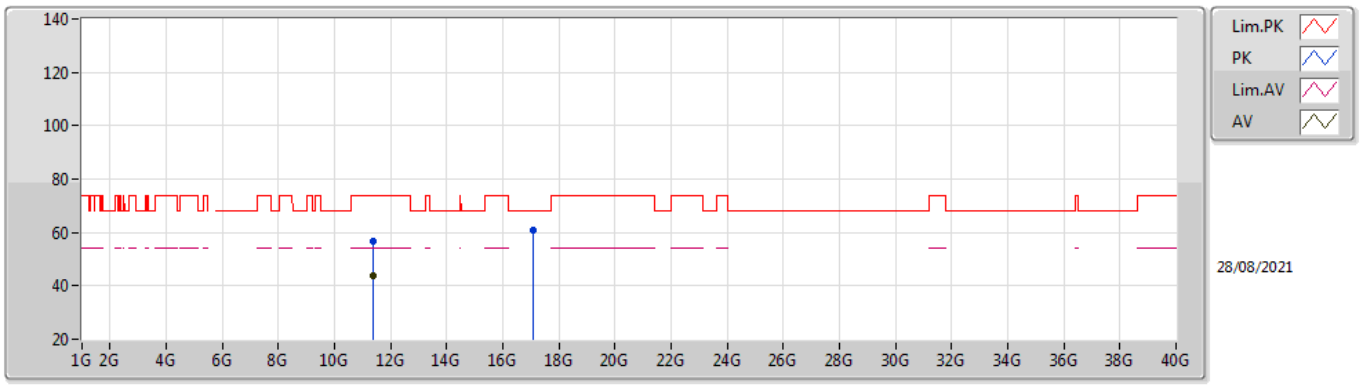
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39826G	43.90	54.00	-10.10	14.58	3	Vertical	269	2.70	-	29.32	39.89	9.33	34.64
PK	11.40816G	57.29	74.00	-16.71	14.60	3	Vertical	269	2.70	-	42.69	39.90	9.33	34.63
PK	17.09826G	61.83	68.20	-6.37	18.51	3	Vertical	0	2.02	-	43.32	39.70	12.88	34.07

802.11a_Nss1,(6Mbps)_2TX

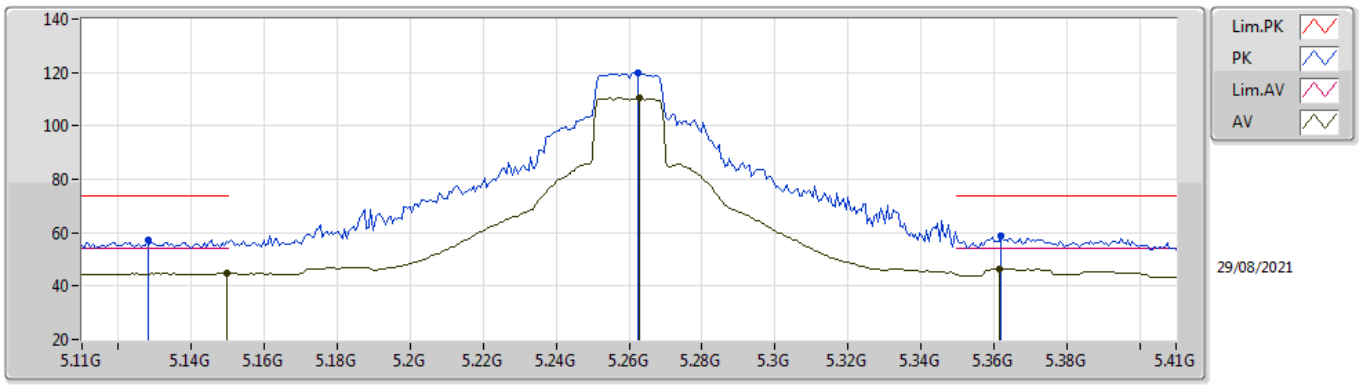
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40126G	43.60	54.00	-10.40	14.59	3	Horizontal	344	2.14	-	29.01	39.90	9.33	34.64
PK	11.39604G	56.65	74.00	-17.35	14.58	3	Horizontal	344	2.14	-	42.07	39.89	9.33	34.64
PK	17.08788G	60.64	68.20	-7.56	18.51	3	Horizontal	360	1.29	-	42.13	39.69	12.88	34.06

802.11ac VHT20_Nss1,(MCS0)_2TX

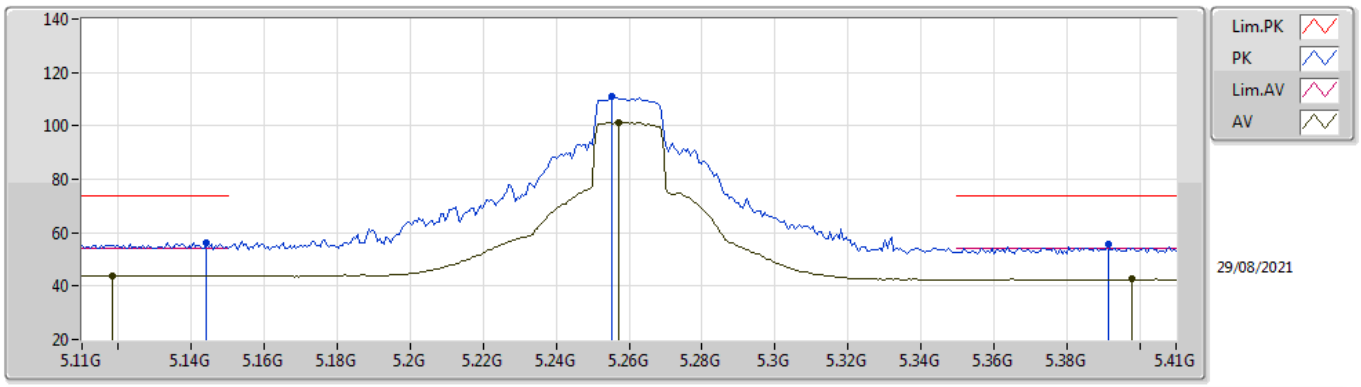
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	44.73	54.00	-9.27	4.01	3	Vertical	305	1.50	-	40.72	31.90	6.87	34.76
AV	5.263G	110.41	Inf	-Inf	3.66	3	Vertical	305	1.50	-	106.75	31.47	6.96	34.77
AV	5.3614G	46.40	54.00	-7.60	3.56	3	Vertical	305	1.50	-	42.84	31.25	7.08	34.77
PK	5.128G	57.38	74.00	-16.62	4.00	3	Vertical	305	1.50	-	53.38	31.90	6.86	34.76
PK	5.2624G	119.70	Inf	-Inf	3.67	3	Vertical	305	1.50	-	116.03	31.48	6.96	34.77
PK	5.362G	58.79	74.00	-15.21	3.56	3	Vertical	305	1.50	-	55.23	31.25	7.08	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

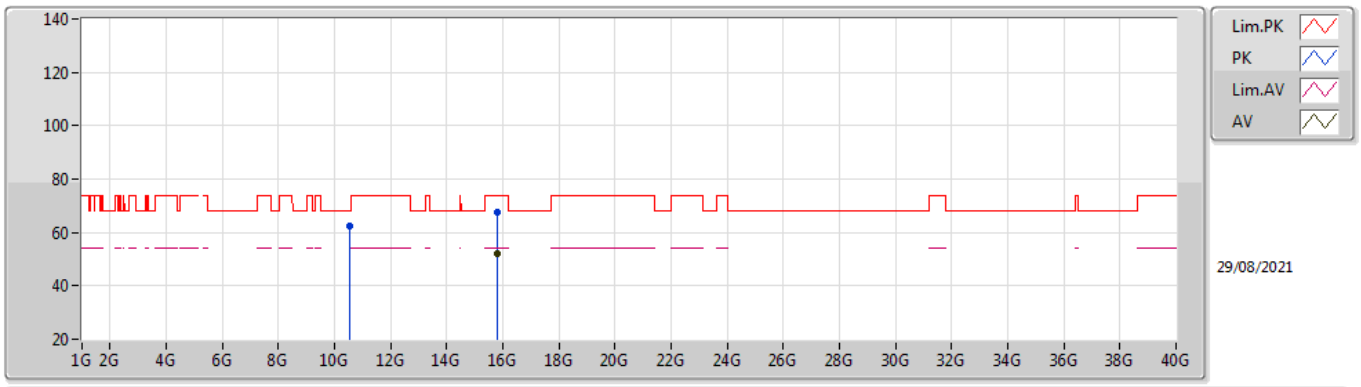
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1184G	43.97	54.00	-10.03	4.00	3	Horizontal	287	1.75	-	39.97	31.90	6.86	34.76
AV	5.257G	101.42	Inf	-Inf	3.68	3	Horizontal	287	1.75	-	97.74	31.49	6.96	34.77
AV	5.398G	42.55	54.00	-11.45	3.74	3	Horizontal	287	1.75	-	38.81	31.39	7.12	34.77
PK	5.1442G	56.30	74.00	-17.70	4.01	3	Horizontal	287	1.75	-	52.29	31.90	6.87	34.76
PK	5.2552G	110.80	Inf	-Inf	3.67	3	Horizontal	287	1.75	-	107.13	31.49	6.95	34.77
PK	5.3914G	55.46	74.00	-18.54	3.71	3	Horizontal	287	1.75	-	51.75	31.37	7.11	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

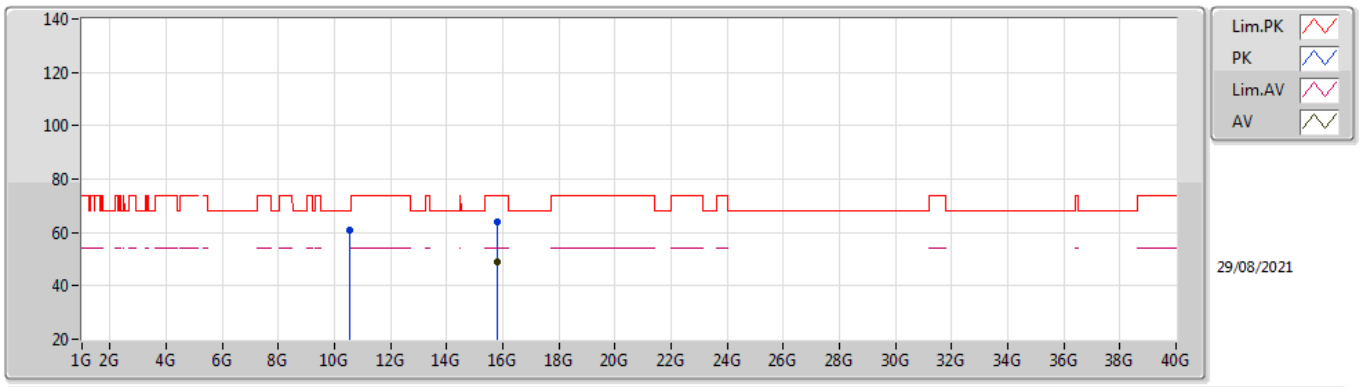
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7806G	51.96	54.00	-2.04	14.90	3	Vertical	12	1.41	-	37.06	37.62	12.34	35.06
PK	10.518G	62.40	68.20	-5.80	14.13	3	Vertical	360	1.35	-	48.27	39.98	9.04	34.89
PK	15.7866G	67.38	74.00	-6.62	14.89	3	Vertical	12	1.41	-	52.49	37.61	12.35	35.07

802.11ac VHT20_Nss1,(MCS0)_2TX

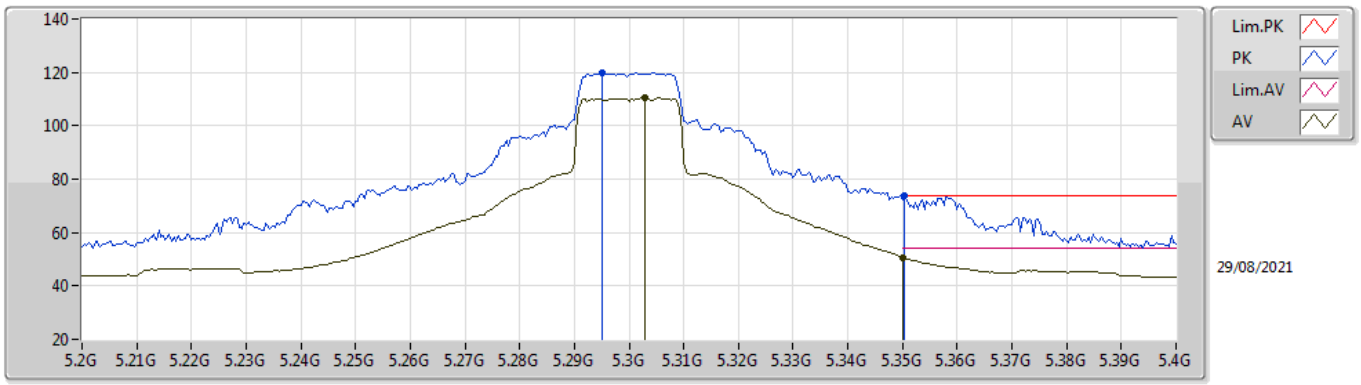
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.78072G	48.98	54.00	-5.02	14.90	3	Horizontal	340	3.00	-	34.08	37.62	12.34	35.06
PK	10.51896G	61.01	68.20	-7.19	14.13	3	Horizontal	297	1.97	-	46.88	39.98	9.04	34.89
PK	15.78648G	63.85	74.00	-10.15	14.89	3	Horizontal	340	3.00	-	48.96	37.61	12.35	35.07

802.11ac VHT20_Nss1,(MCS0)_2TX

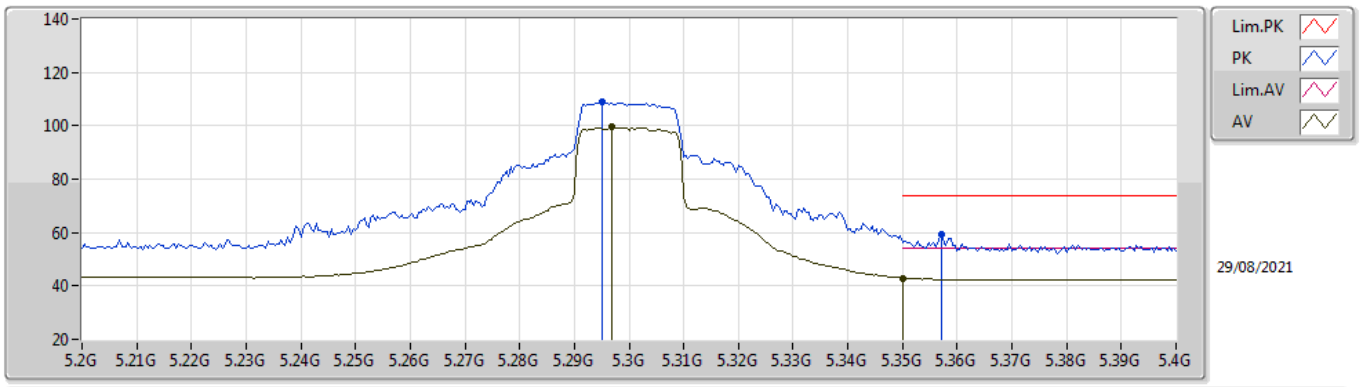
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3028G	110.40	Inf	-Inf	3.63	3	Vertical	337	1.64	-	106.77	31.39	7.01	34.77
AV	5.35G	50.53	54.00	-3.47	3.49	3	Vertical	337	1.64	-	47.04	31.20	7.06	34.77
PK	5.2952G	119.85	Inf	-Inf	3.64	3	Vertical	337	1.64	-	116.21	31.41	7.00	34.77
PK	5.3504G	73.62	74.00	-0.38	3.49	3	Vertical	337	1.64	-	70.13	31.20	7.06	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

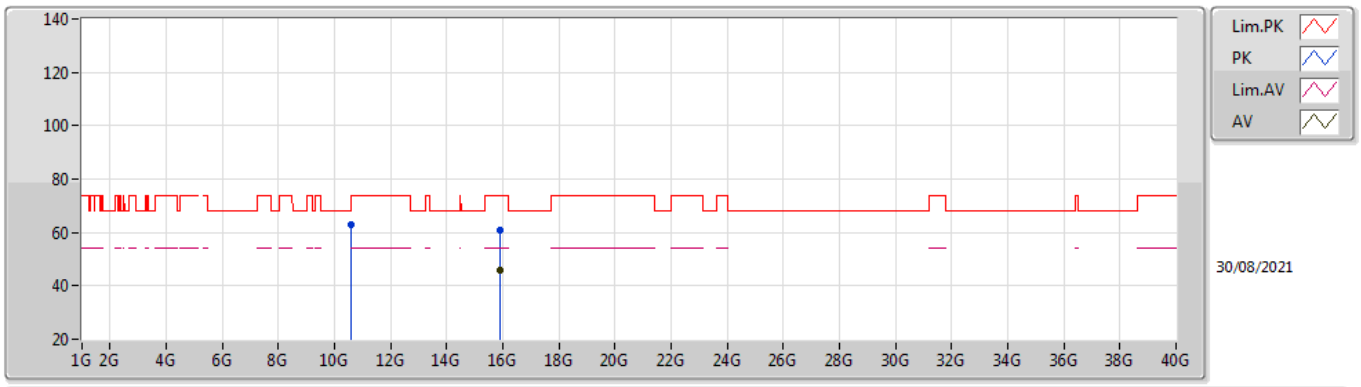
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2968G	99.50	Inf	-Inf	3.64	3	Horizontal	289	1.70	-	95.86	31.41	7.00	34.77
AV	5.35G	42.96	54.00	-11.04	3.49	3	Horizontal	289	1.70	-	39.47	31.20	7.06	34.77
PK	5.2952G	109.15	Inf	-Inf	3.64	3	Horizontal	289	1.70	-	105.51	31.41	7.00	34.77
PK	5.3572G	59.11	74.00	-14.89	3.53	3	Horizontal	289	1.70	-	55.58	31.23	7.07	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

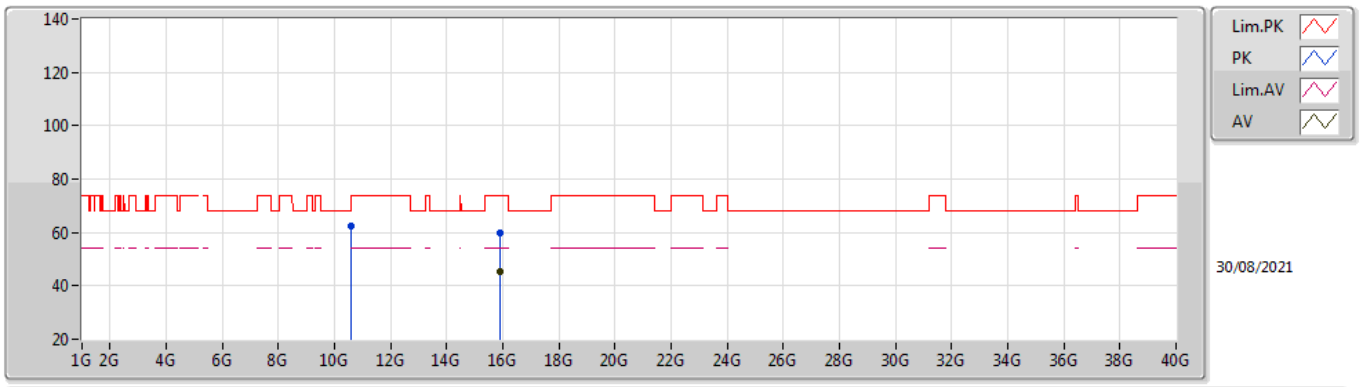
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90047G	45.97	54.00	-8.03	14.73	3	Vertical	326	2.98	-	31.24	37.40	12.46	35.13
PK	10.59905G	62.69	68.20	-5.51	14.10	3	Vertical	241	1.67	-	48.59	39.90	9.07	34.87
PK	15.90131G	60.78	74.00	-13.22	14.73	3	Vertical	326	2.98	-	46.05	37.40	12.46	35.13

802.11ac VHT20_Nss1,(MCS0)_2TX

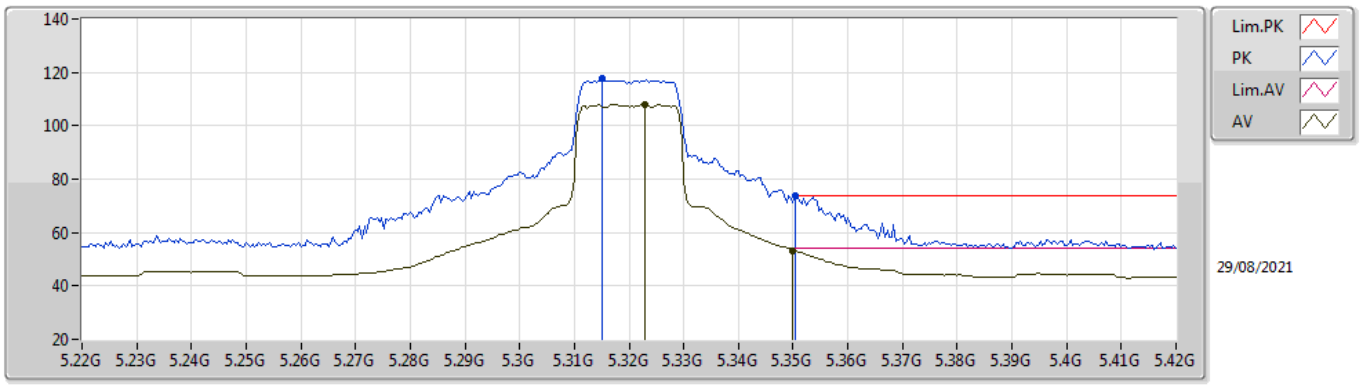
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.90181G	45.10	54.00	-8.90	14.73	3	Horizontal	343	3.00	-	30.37	37.40	12.46	35.13
PK	10.59967G	62.26	68.20	-5.94	14.10	3	Horizontal	300	2.03	-	48.16	39.90	9.07	34.87
PK	15.90131G	59.88	74.00	-14.12	14.73	3	Horizontal	343	3.00	-	45.15	37.40	12.46	35.13

802.11ac VHT20_Nss1,(MCS0)_2TX

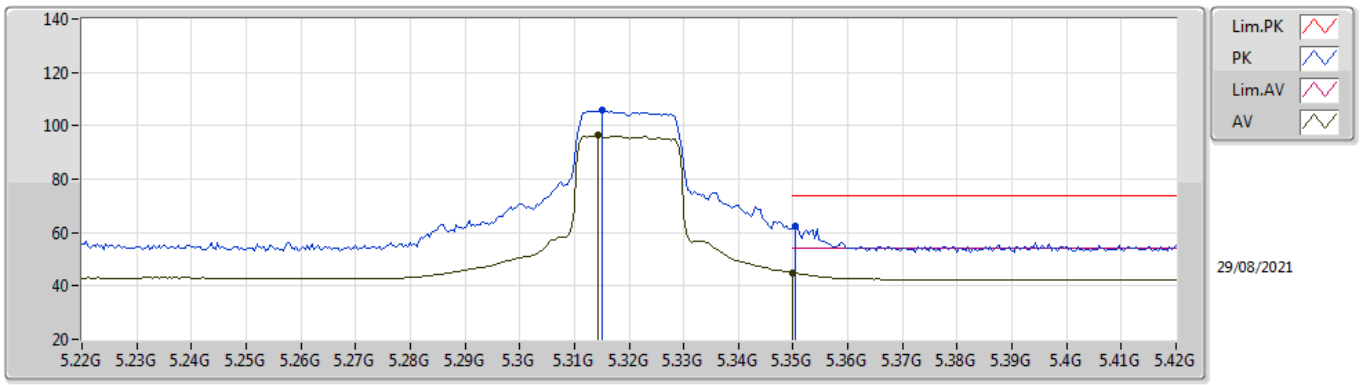
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3228G	107.85	Inf	-Inf	3.57	3	Vertical	335	1.50	-	104.28	31.31	7.03	34.77
AV	5.35G	53.18	54.00	-0.82	3.49	3	Vertical	335	1.50	-	49.69	31.20	7.06	34.77
PK	5.3152G	117.66	Inf	-Inf	3.59	3	Vertical	335	1.50	-	114.07	31.34	7.02	34.77
PK	5.3504G	73.90	74.00	-0.10	3.49	3	Vertical	335	1.50	-	70.41	31.20	7.06	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

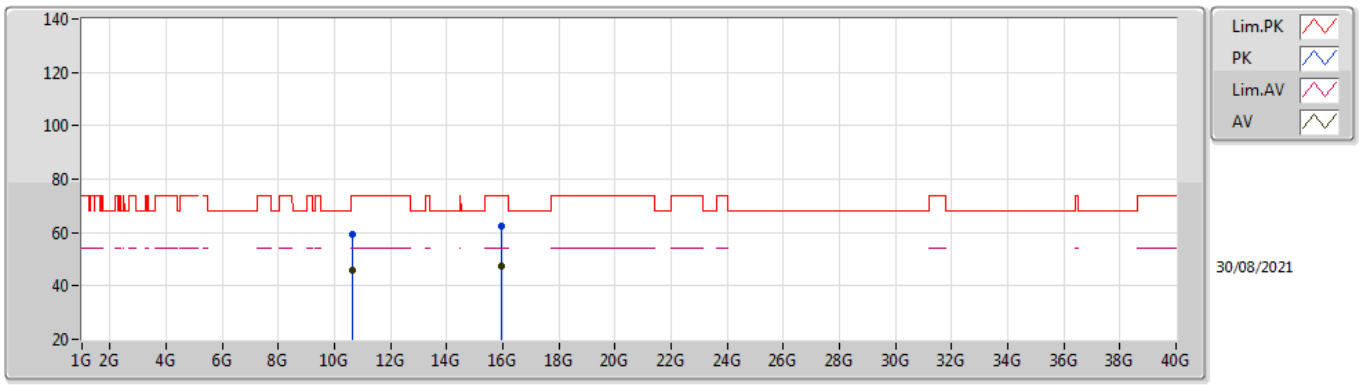
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3144G	96.33	Inf	-Inf	3.59	3	Horizontal	289	1.65	-	92.74	31.34	7.02	34.77
AV	5.35G	44.93	54.00	-9.07	3.49	3	Horizontal	289	1.65	-	41.44	31.20	7.06	34.77
PK	5.3152G	105.92	Inf	-Inf	3.59	3	Horizontal	289	1.65	-	102.33	31.34	7.02	34.77
PK	5.3504G	62.44	74.00	-11.56	3.49	3	Horizontal	289	1.65	-	58.95	31.20	7.06	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

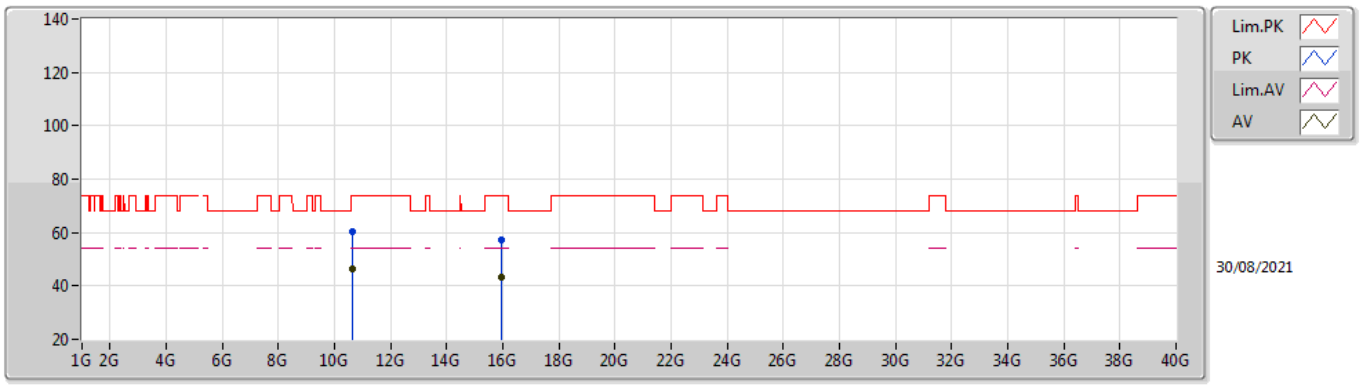
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63976G	46.01	54.00	-7.99	14.16	3	Vertical	183	3.00	-	31.85	39.94	9.08	34.86
AV	15.9644G	47.51	54.00	-6.49	14.69	3	Vertical	345	3.00	-	32.82	37.34	12.52	35.17
PK	10.64186G	59.55	74.00	-14.45	14.17	3	Vertical	183	3.00	-	45.38	39.94	9.08	34.85
PK	15.96104G	62.46	74.00	-11.54	14.69	3	Vertical	345	3.00	-	47.77	37.34	12.52	35.17

802.11ac VHT20_Nss1,(MCS0)_2TX

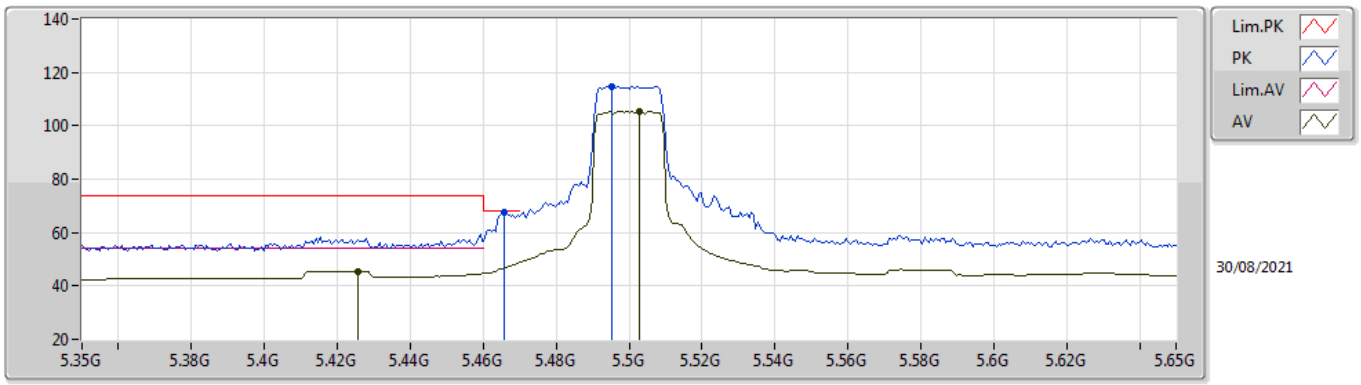
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63984G	46.35	54.00	-7.65	14.16	3	Horizontal	269	1.00	-	32.19	39.94	9.08	34.86
AV	15.96352G	43.53	54.00	-10.47	14.69	3	Horizontal	330	1.00	-	28.84	37.34	12.52	35.17
PK	10.64059G	60.60	74.00	-13.40	14.16	3	Horizontal	269	1.00	-	46.44	39.94	9.08	34.86
PK	15.96564G	57.00	74.00	-17.00	14.69	3	Horizontal	330	1.00	-	42.31	37.33	12.53	35.17

802.11ac VHT20_Nss1,(MCS0)_2TX

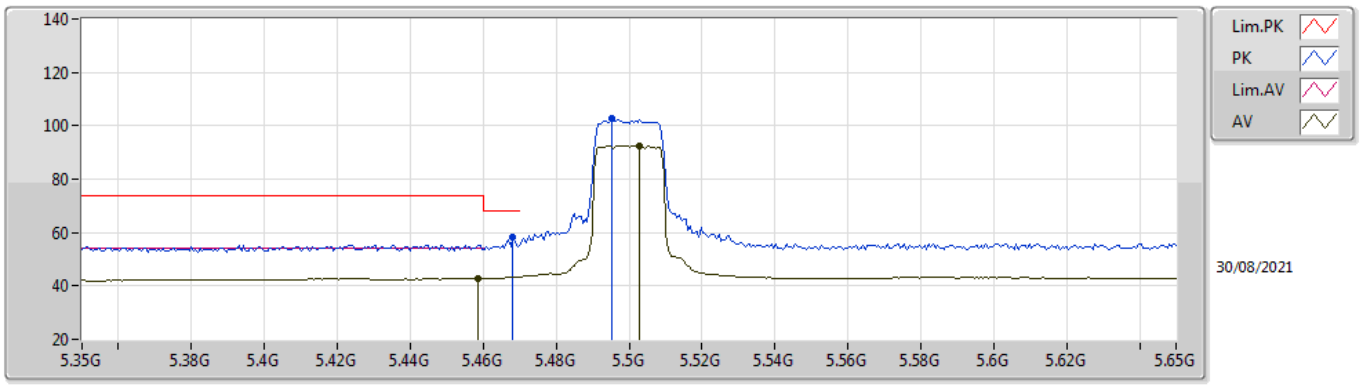
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4256G	45.59	54.00	-8.41	3.83	3	Vertical	181	1.62	-	41.76	31.50	7.10	34.77
AV	5.503G	105.50	Inf	-Inf	3.98	3	Vertical	181	1.62	-	101.52	31.70	7.05	34.77
PK	5.4658G	67.54	68.20	-0.66	3.94	3	Vertical	181	1.62	-	63.60	31.63	7.08	34.77
PK	5.4952G	114.80	Inf	-Inf	3.98	3	Vertical	181	1.62	-	110.82	31.69	7.06	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

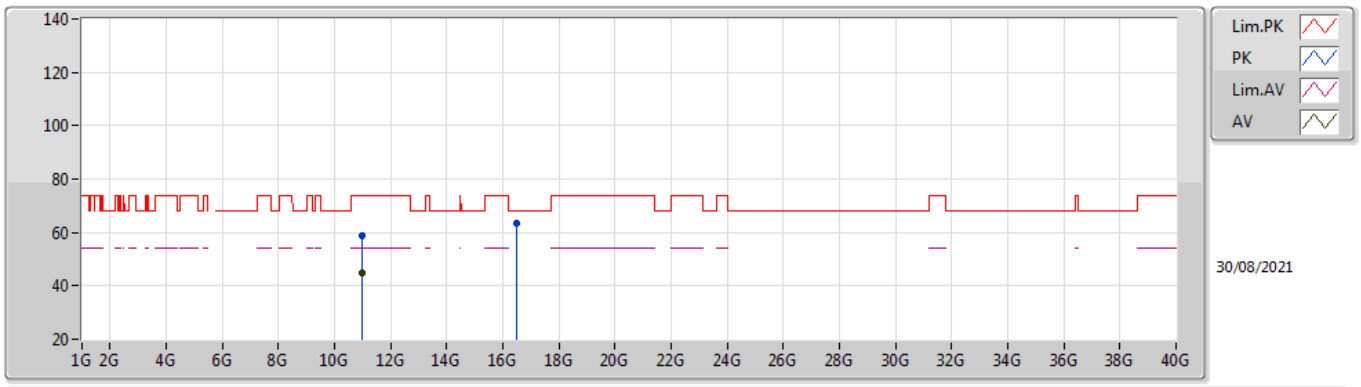
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4586G	42.70	54.00	-11.30	3.93	3	Horizontal	71	1.68	-	38.77	31.62	7.08	34.77
AV	5.503G	92.65	Inf	-Inf	3.98	3	Horizontal	71	1.68	-	88.67	31.70	7.05	34.77
PK	5.4682G	58.33	68.20	-9.87	3.95	3	Horizontal	71	1.68	-	54.38	31.64	7.08	34.77
PK	5.4952G	102.54	Inf	-Inf	3.98	3	Horizontal	71	1.68	-	98.56	31.69	7.06	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

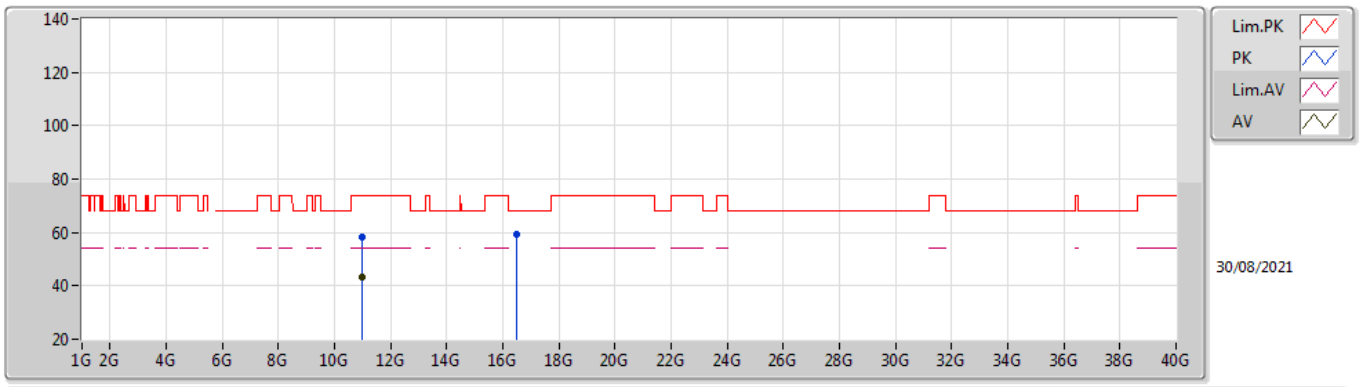
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99982G	44.79	54.00	-9.21	14.66	3	Vertical	270	2.01	-	30.13	40.20	9.20	34.74
PK	10.99782G	59.01	74.00	-14.99	14.66	3	Vertical	270	2.01	-	44.35	40.20	9.20	34.74
PK	16.49798G	63.22	68.20	-4.98	16.74	3	Vertical	13	1.83	-	46.48	38.98	12.70	34.94

802.11ac VHT20_Nss1,(MCS0)_2TX

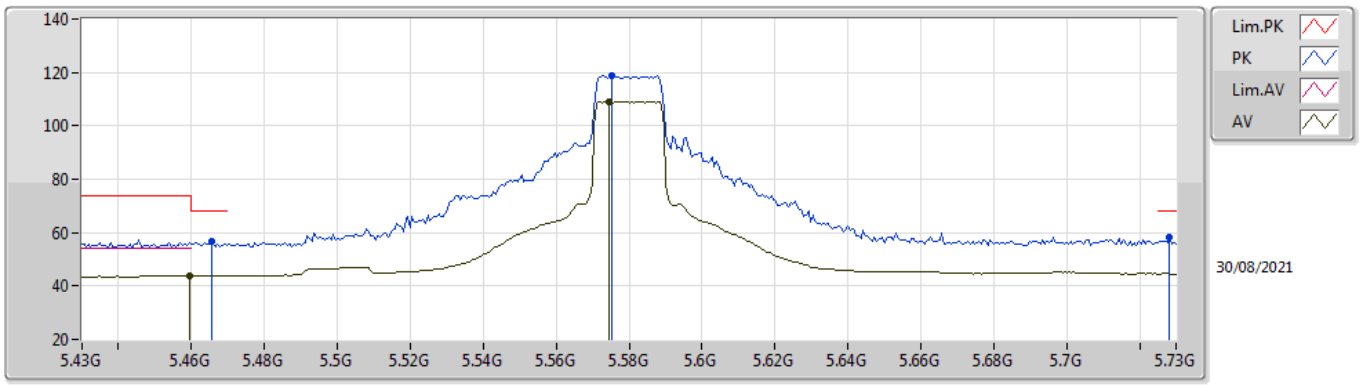
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99993G	43.46	54.00	-10.54	14.66	3	Horizontal	155	1.99	-	28.80	40.20	9.20	34.74
PK	10.99912G	58.40	74.00	-15.60	14.66	3	Horizontal	155	1.99	-	43.74	40.20	9.20	34.74
PK	16.50164G	59.32	68.20	-8.88	16.77	3	Horizontal	310	1.76	-	42.55	39.00	12.71	34.94

802.11ac VHT20_Nss1,(MCS0)_2TX

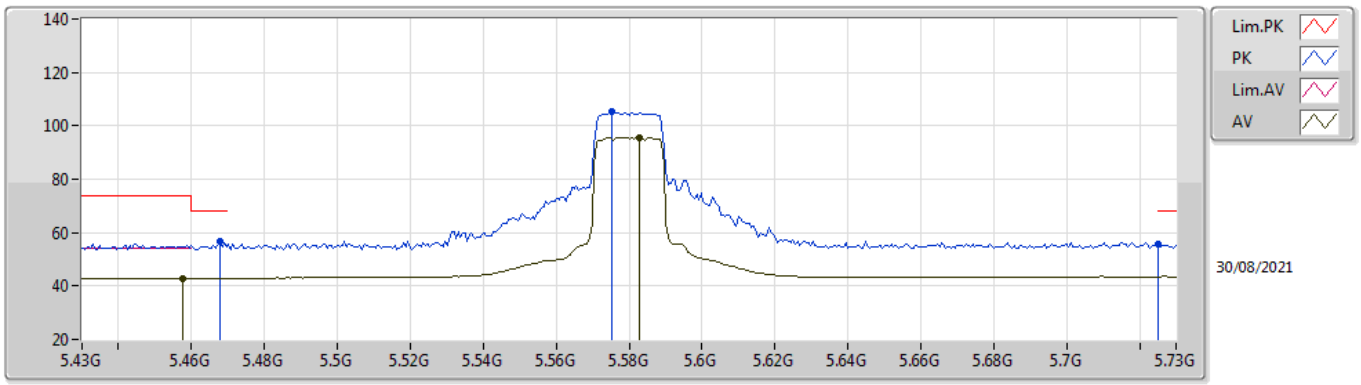
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4594G	43.82	54.00	-10.18	3.93	3	Vertical	181	1.56	-	39.89	31.62	7.08	34.77
AV	5.5746G	109.22	Inf	-Inf	3.94	3	Vertical	181	1.56	-	105.28	31.70	7.01	34.77
PK	5.4654G	56.63	68.20	-11.57	3.94	3	Vertical	181	1.56	-	52.69	31.63	7.08	34.77
PK	5.5752G	118.80	Inf	-Inf	3.94	3	Vertical	181	1.56	-	114.86	31.70	7.01	34.77
PK	5.7282G	58.03	68.20	-10.17	4.08	3	Vertical	181	1.56	-	53.95	31.91	6.94	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

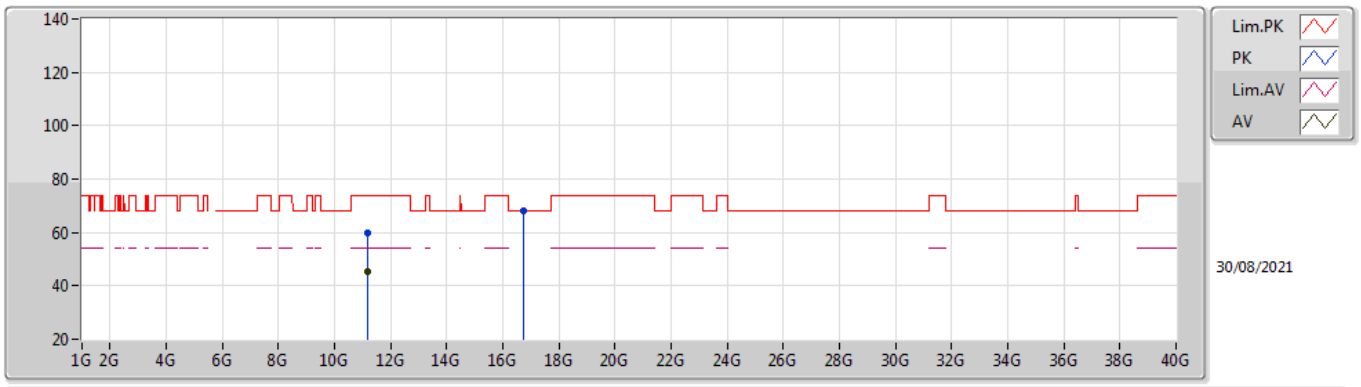
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4576G	42.93	54.00	-11.07	3.93	3	Horizontal	72	1.74	-	39.00	31.62	7.08	34.77
AV	5.583G	95.72	Inf	-Inf	3.93	3	Horizontal	72	1.74	-	91.79	31.70	7.00	34.77
PK	5.4678G	56.57	68.20	-11.63	3.95	3	Horizontal	72	1.74	-	52.62	31.64	7.08	34.77
PK	5.5752G	105.29	Inf	-Inf	3.94	3	Horizontal	72	1.74	-	101.35	31.70	7.01	34.77
PK	5.7252G	55.62	68.20	-12.58	4.07	3	Horizontal	72	1.74	-	51.55	31.90	6.94	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

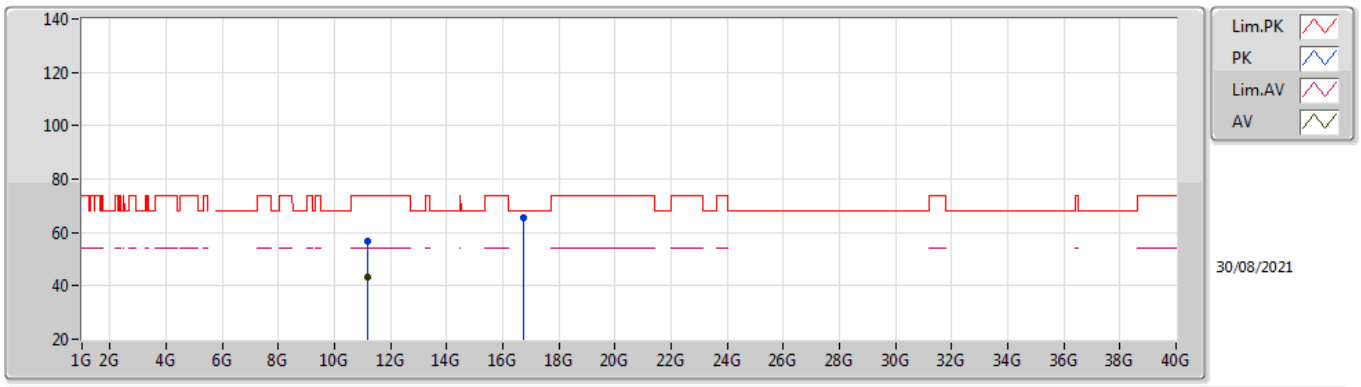
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.15984G	45.27	54.00	-8.73	14.31	3	Vertical	303	2.25	-	30.96	39.76	9.25	34.70
PK	11.16038G	60.06	74.00	-13.94	14.31	3	Vertical	303	2.25	-	45.75	39.76	9.25	34.70
PK	16.74108G	68.11	68.20	-0.09	17.74	3	Vertical	10	1.91	-	50.37	39.43	12.77	34.46

802.11ac VHT20_Nss1,(MCS0)_2TX

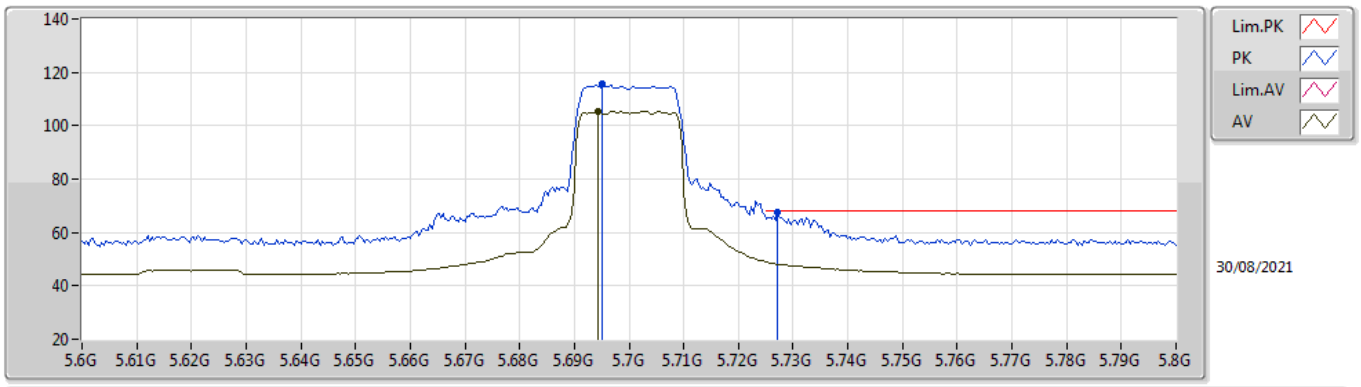
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.1598G	43.14	54.00	-10.86	14.31	3	Horizontal	151	2.16	-	28.83	39.76	9.25	34.70
PK	11.15838G	56.82	74.00	-17.18	14.32	3	Horizontal	151	2.16	-	42.50	39.77	9.25	34.70
PK	16.74078G	65.70	68.20	-2.50	17.74	3	Horizontal	15	1.99	-	47.96	39.43	12.77	34.46

802.11ac VHT20_Nss1,(MCS0)_2TX

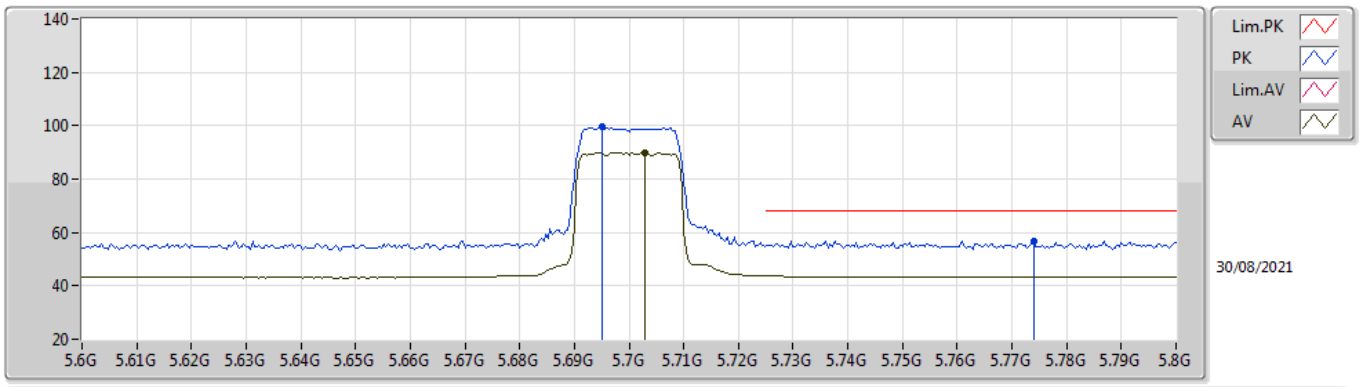
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6944G	105.39	Inf	-Inf	3.97	3	Vertical	187	1.61	-	101.42	31.79	6.95	34.77
PK	5.6952G	115.61	Inf	-Inf	3.97	3	Vertical	187	1.61	-	111.64	31.79	6.95	34.77
PK	5.7272G	67.52	68.20	-0.68	4.08	3	Vertical	187	1.61	-	63.44	31.91	6.94	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

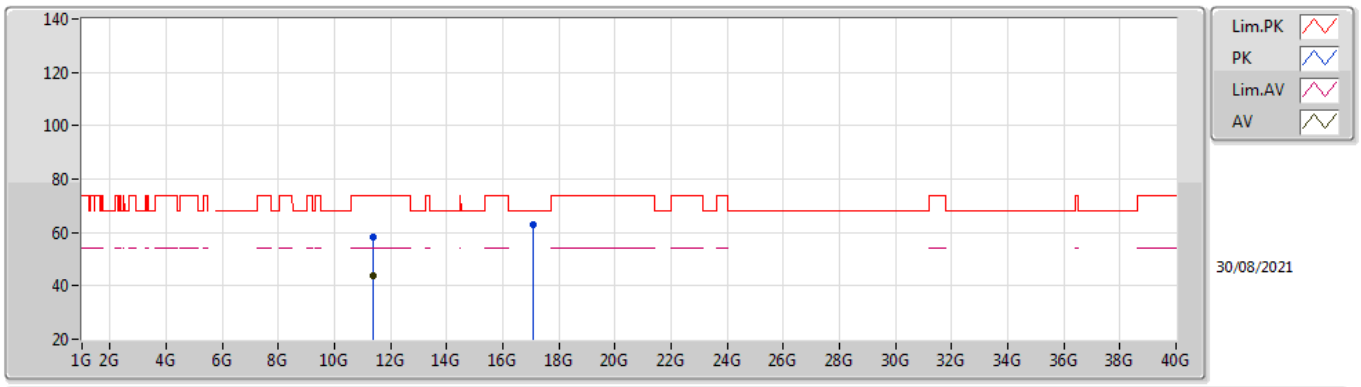
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7028G	89.98	Inf	-Inf	3.99	3	Horizontal	79	1.50	-	85.99	31.81	6.95	34.77
PK	5.6952G	99.76	Inf	-Inf	3.97	3	Horizontal	79	1.50	-	95.79	31.79	6.95	34.77
PK	5.774G	56.73	68.20	-11.47	4.20	3	Horizontal	79	1.50	-	52.53	32.05	6.92	34.77

802.11ac VHT20_Nss1,(MCS0)_2TX

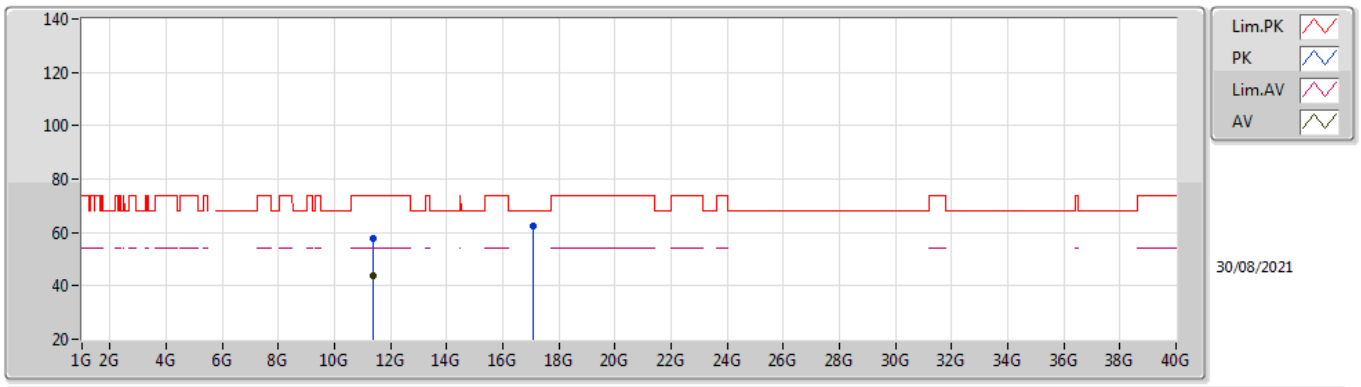
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3999G	43.63	54.00	-10.37	14.59	3	Vertical	245	2.52	-	29.04	39.90	9.33	34.64
PK	11.39957G	58.21	74.00	-15.79	14.59	3	Vertical	245	2.52	-	43.62	39.90	9.33	34.64
PK	17.10185G	62.92	68.20	-5.28	18.50	3	Vertical	10	1.02	-	44.42	39.70	12.88	34.08

802.11ac VHT20_Nss1,(MCS0)_2TX

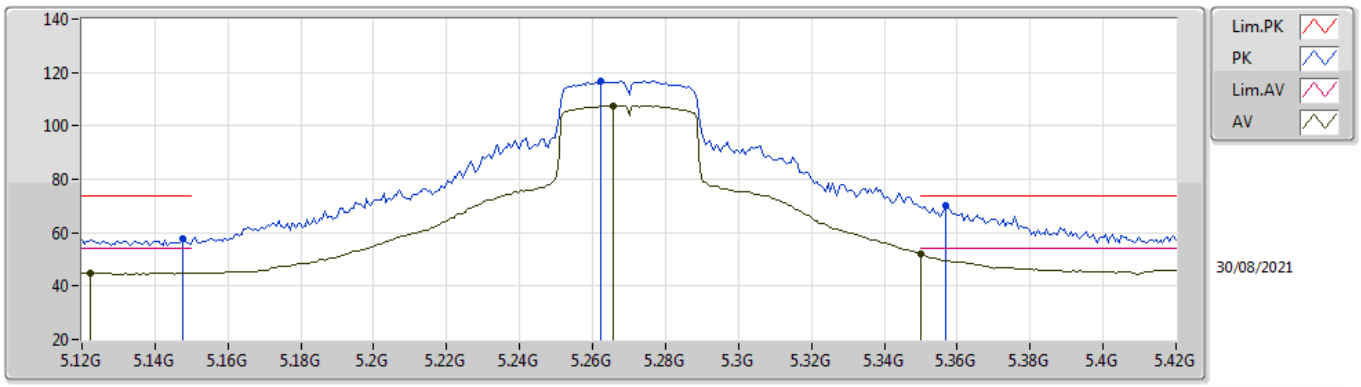
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39995G	43.77	54.00	-10.23	14.59	3	Horizontal	336	2.00	-	29.18	39.90	9.33	34.64
PK	11.40014G	57.93	74.00	-16.07	14.59	3	Horizontal	336	2.00	-	43.34	39.90	9.33	34.64
PK	17.10114G	62.60	68.20	-5.60	18.50	3	Horizontal	47	1.69	-	44.10	39.70	12.88	34.08

802.11ac VHT40_Nss1,(MCS0)_2TX

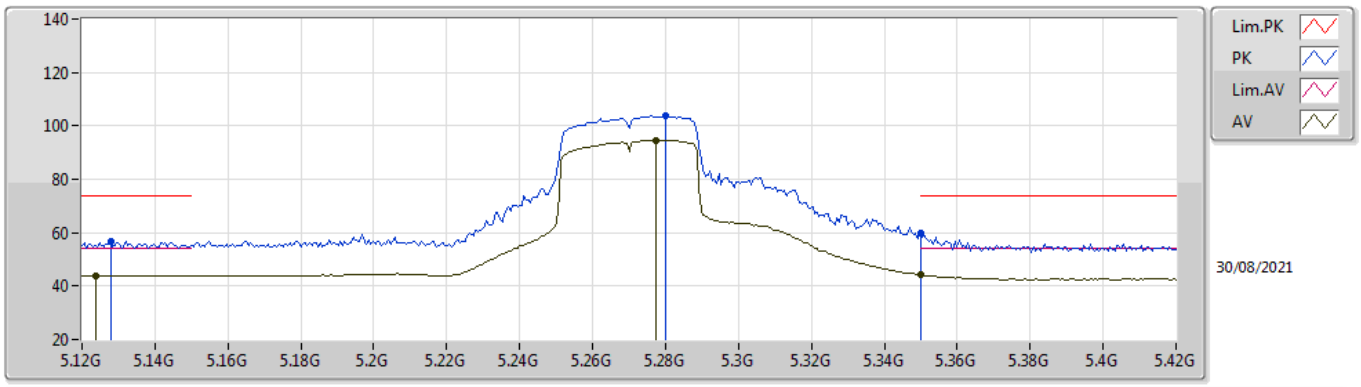
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1224G	44.92	54.00	-9.08	4.00	3	Vertical	339	1.50	-	40.92	31.90	6.86	34.76
AV	5.2658G	107.48	Inf	-Inf	3.67	3	Vertical	339	1.50	-	103.81	31.47	6.97	34.77
AV	5.35G	52.04	54.00	-1.96	3.49	3	Vertical	339	1.50	-	48.55	31.20	7.06	34.77
PK	5.1476G	57.59	74.00	-16.41	4.01	3	Vertical	339	1.50	-	53.58	31.90	6.87	34.76
PK	5.2622G	116.92	Inf	-Inf	3.67	3	Vertical	339	1.50	-	113.25	31.48	6.96	34.77
PK	5.357G	70.05	74.00	-3.95	3.53	3	Vertical	339	1.50	-	66.52	31.23	7.07	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

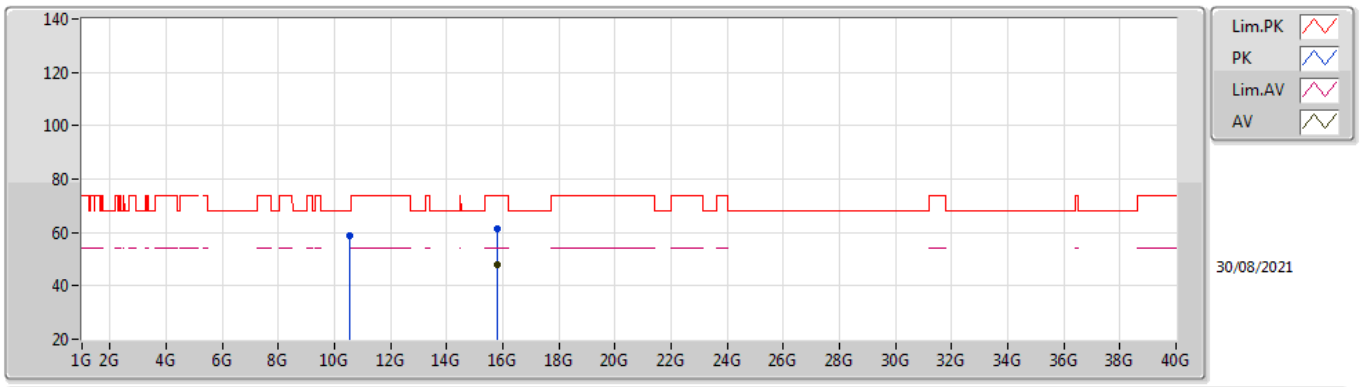
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1236G	43.99	54.00	-10.01	4.00	3	Horizontal	288	1.50	-	39.99	31.90	6.86	34.76
AV	5.2772G	94.69	Inf	-Inf	3.66	3	Horizontal	288	1.50	-	91.03	31.45	6.98	34.77
AV	5.35G	44.07	54.00	-9.93	3.49	3	Horizontal	288	1.50	-	40.58	31.20	7.06	34.77
PK	5.1278G	56.61	74.00	-17.39	4.00	3	Horizontal	288	1.50	-	52.61	31.90	6.86	34.76
PK	5.2802G	103.76	Inf	-Inf	3.65	3	Horizontal	288	1.50	-	100.11	31.44	6.98	34.77
PK	5.35G	59.96	74.00	-14.04	3.49	3	Horizontal	288	1.50	-	56.47	31.20	7.06	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

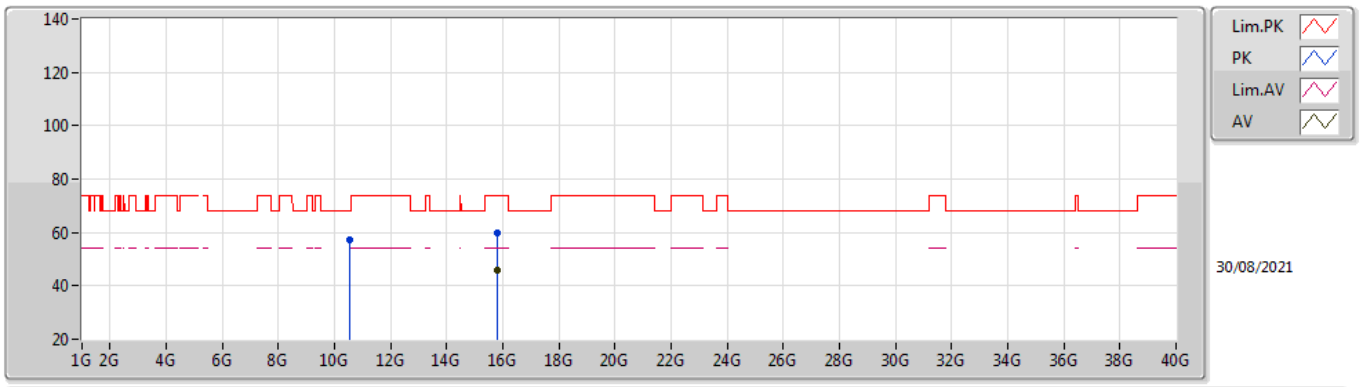
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81228G	48.03	54.00	-5.97	14.87	3	Vertical	18	1.20	-	33.16	37.58	12.37	35.08
PK	10.53454G	58.91	68.20	-9.29	14.13	3	Vertical	236	1.50	-	44.78	39.97	9.05	34.89
PK	15.8112G	61.37	74.00	-12.63	14.87	3	Vertical	18	1.20	-	46.50	37.58	12.37	35.08

802.11ac VHT40_Nss1,(MCS0)_2TX

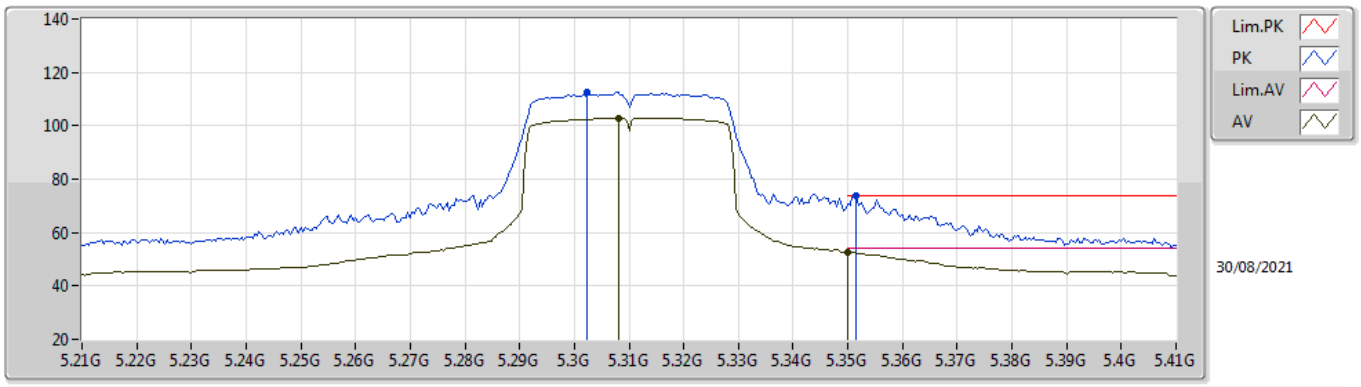
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.81204G	45.91	54.00	-8.09	14.87	3	Horizontal	11	3.00	-	31.04	37.58	12.37	35.08
PK	10.53718G	57.17	68.20	-11.03	14.12	3	Horizontal	195	2.71	-	43.05	39.96	9.05	34.89
PK	15.80754G	59.66	74.00	-14.34	14.87	3	Horizontal	11	3.00	-	44.79	37.58	12.37	35.08

802.11ac VHT40_Nss1,(MCS0)_2TX

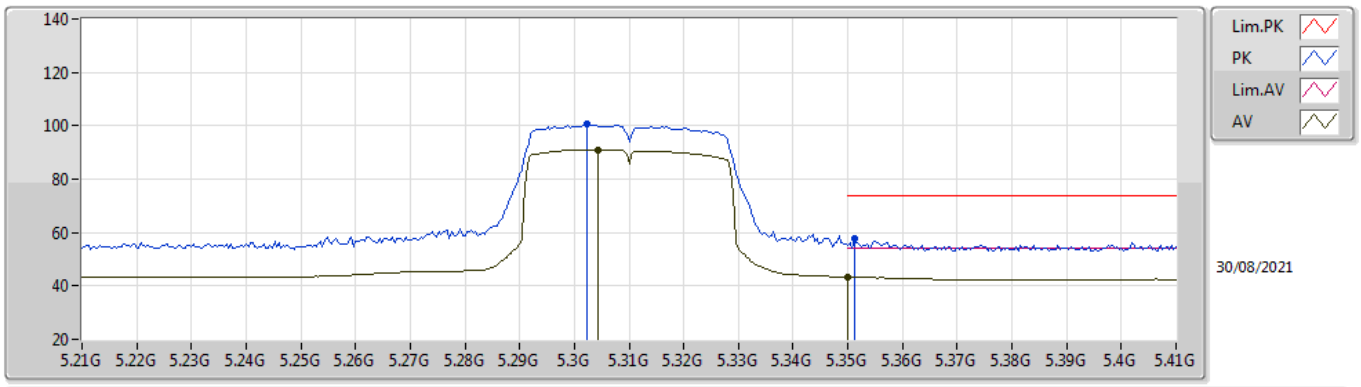
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.308G	102.93	Inf	-Inf	3.61	3	Vertical	343	1.50	-	99.32	31.37	7.01	34.77
AV	5.35G	52.45	54.00	-1.55	3.49	3	Vertical	343	1.50	-	48.96	31.20	7.06	34.77
PK	5.3024G	112.44	Inf	-Inf	3.63	3	Vertical	343	1.50	-	108.81	31.39	7.01	34.77
PK	5.3516G	73.91	74.00	-0.09	3.50	3	Vertical	343	1.50	-	70.41	31.21	7.06	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

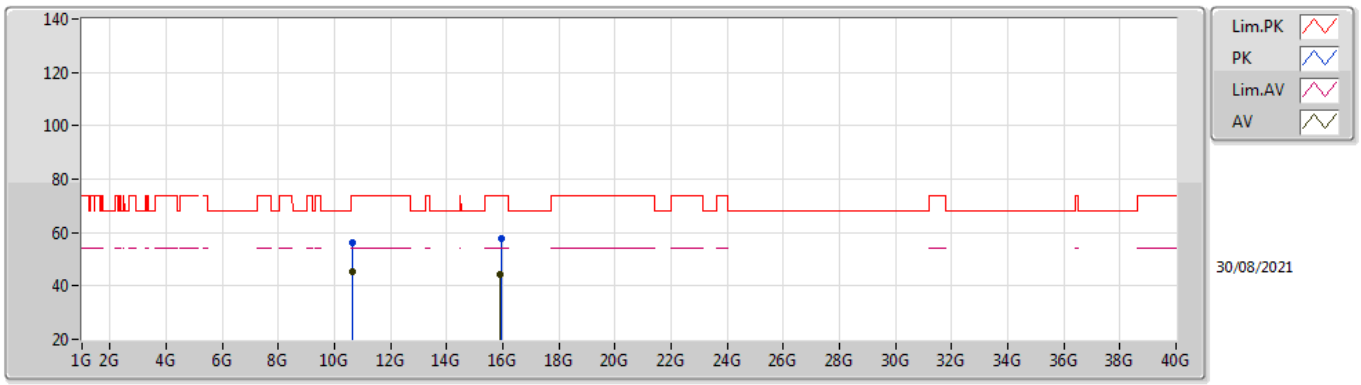
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3044G	91.07	Inf	-Inf	3.62	3	Horizontal	293	1.50	-	87.45	31.38	7.01	34.77
AV	5.35G	43.27	54.00	-10.73	3.49	3	Horizontal	293	1.50	-	39.78	31.20	7.06	34.77
PK	5.3024G	100.86	Inf	-Inf	3.63	3	Horizontal	293	1.50	-	97.23	31.39	7.01	34.77
PK	5.3512G	57.88	74.00	-16.12	3.49	3	Horizontal	293	1.50	-	54.39	31.20	7.06	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

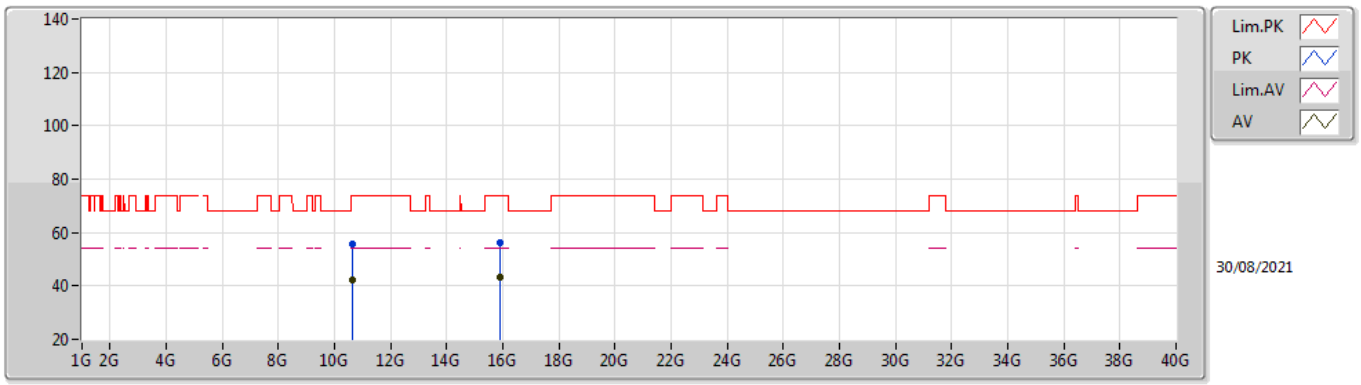
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.61994G	45.12	54.00	-8.88	14.13	3	Vertical	0	2.75	-	30.99	39.92	9.07	34.86
AV	15.9207G	44.17	54.00	-9.83	14.72	3	Vertical	24	1.62	-	29.45	37.38	12.48	35.14
PK	10.61982G	56.46	74.00	-17.54	14.13	3	Vertical	0	2.75	-	42.33	39.92	9.07	34.86
PK	15.92946G	57.56	74.00	-16.44	14.71	3	Vertical	24	1.62	-	42.85	37.37	12.49	35.15

802.11ac VHT40_Nss1,(MCS0)_2TX

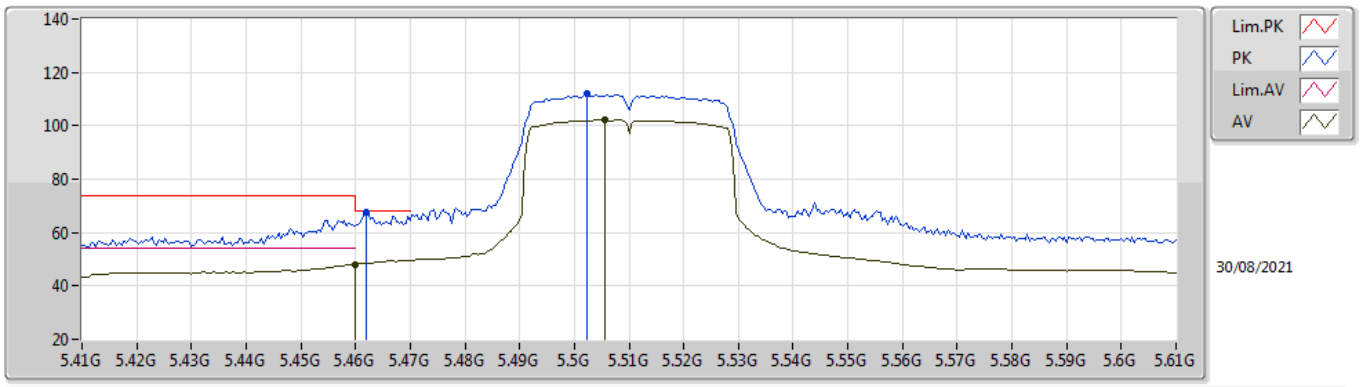
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6197G	42.02	54.00	-11.98	14.13	3	Horizontal	270	1.20	-	27.89	39.92	9.07	34.86
AV	15.91836G	43.14	54.00	-10.86	14.72	3	Horizontal	325	1.50	-	28.42	37.38	12.48	35.14
PK	10.63104G	55.45	74.00	-18.55	14.15	3	Horizontal	270	1.20	-	41.30	39.93	9.08	34.86
PK	15.91758G	56.29	74.00	-17.71	14.72	3	Horizontal	325	1.50	-	41.57	37.38	12.48	35.14

802.11ac VHT40_Nss1,(MCS0)_2TX

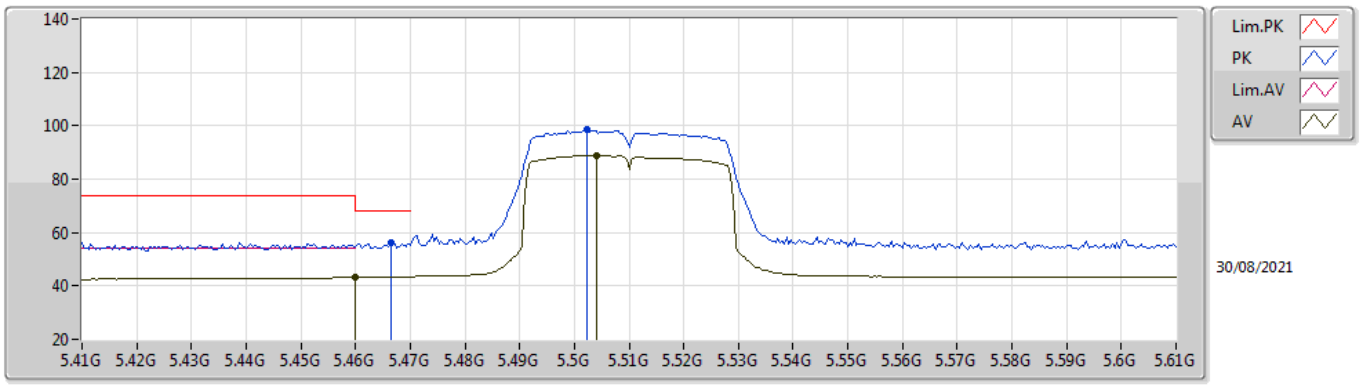
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	48.13	54.00	-5.87	3.93	3	Vertical	182	1.62	-	44.20	31.62	7.08	34.77
AV	5.5056G	102.11	Inf	-Inf	3.98	3	Vertical	182	1.62	-	98.13	31.70	7.05	34.77
PK	5.462G	67.64	68.20	-0.56	3.93	3	Vertical	182	1.62	-	63.71	31.62	7.08	34.77
PK	5.5024G	111.99	Inf	-Inf	3.98	3	Vertical	182	1.62	-	108.01	31.70	7.05	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

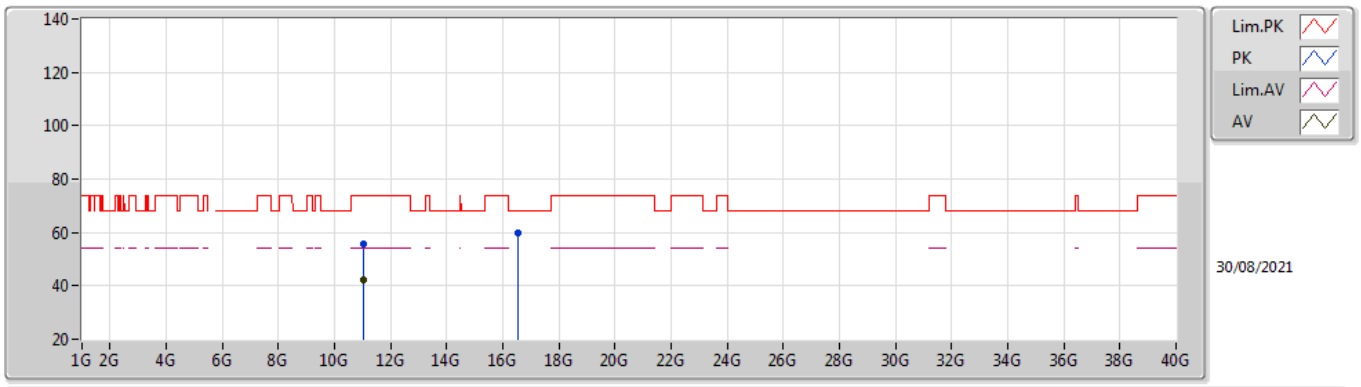
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	43.19	54.00	-10.81	3.93	3	Horizontal	72	1.67	-	39.26	31.62	7.08	34.77
AV	5.504G	88.83	Inf	-Inf	3.98	3	Horizontal	72	1.67	-	84.85	31.70	7.05	34.77
PK	5.4664G	55.99	68.20	-12.21	3.94	3	Horizontal	72	1.67	-	52.05	31.63	7.08	34.77
PK	5.5024G	98.65	Inf	-Inf	3.98	3	Horizontal	72	1.67	-	94.67	31.70	7.05	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

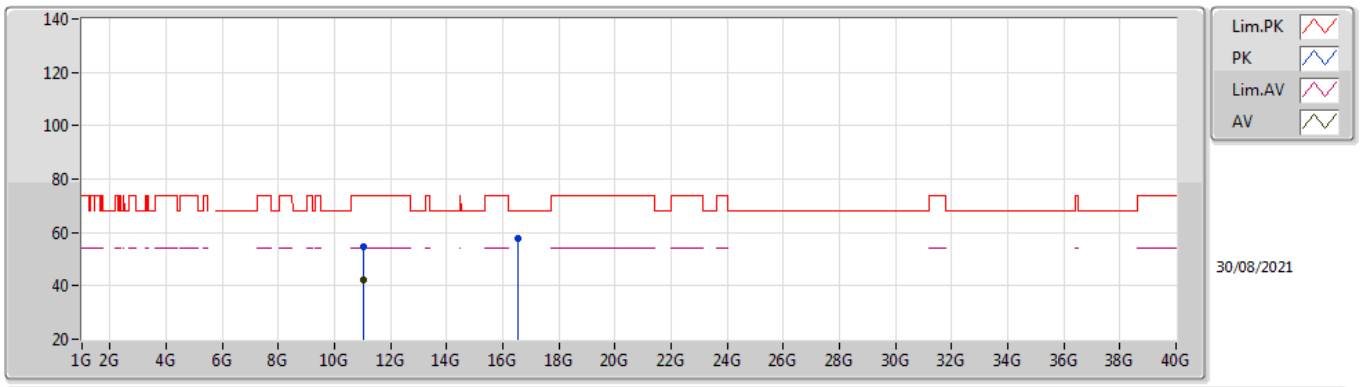
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.02804G	42.30	54.00	-11.70	14.62	3	Vertical	302	2.22	-	27.68	40.14	9.21	34.73
PK	11.02114G	55.74	74.00	-18.26	14.64	3	Vertical	302	2.22	-	41.10	40.16	9.21	34.73
PK	16.5276G	59.82	68.20	-8.38	16.77	3	Vertical	8	1.98	-	43.05	38.94	12.71	34.88

802.11ac VHT40_Nss1,(MCS0)_2TX

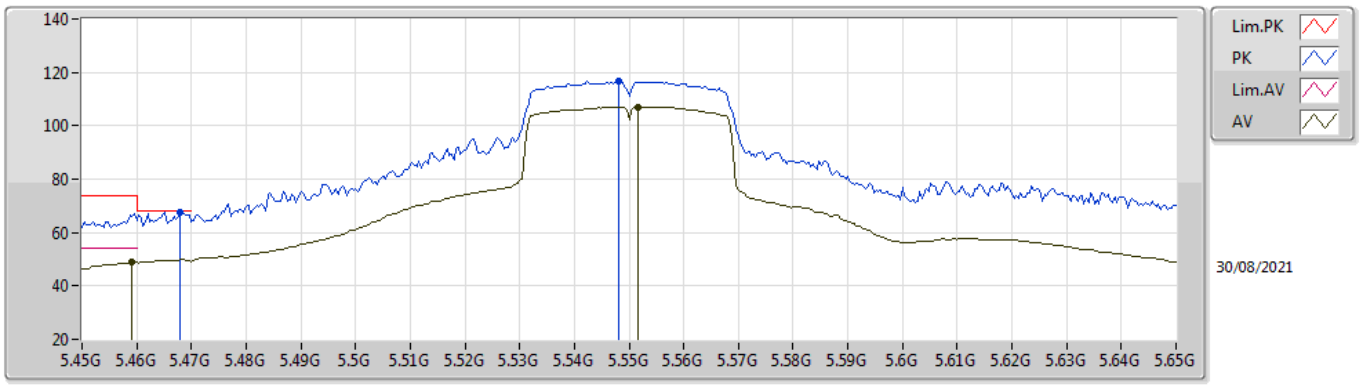
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.02732G	42.28	54.00	-11.72	14.63	3	Horizontal	333	1.48	-	27.65	40.15	9.21	34.73
PK	11.02958G	54.82	74.00	-19.18	14.62	3	Horizontal	333	1.48	-	40.20	40.14	9.21	34.73
PK	16.5288G	57.80	68.20	-10.40	16.77	3	Horizontal	300	2.32	-	41.03	38.94	12.71	34.88

802.11ac VHT40_Nss1,(MCS0)_2TX

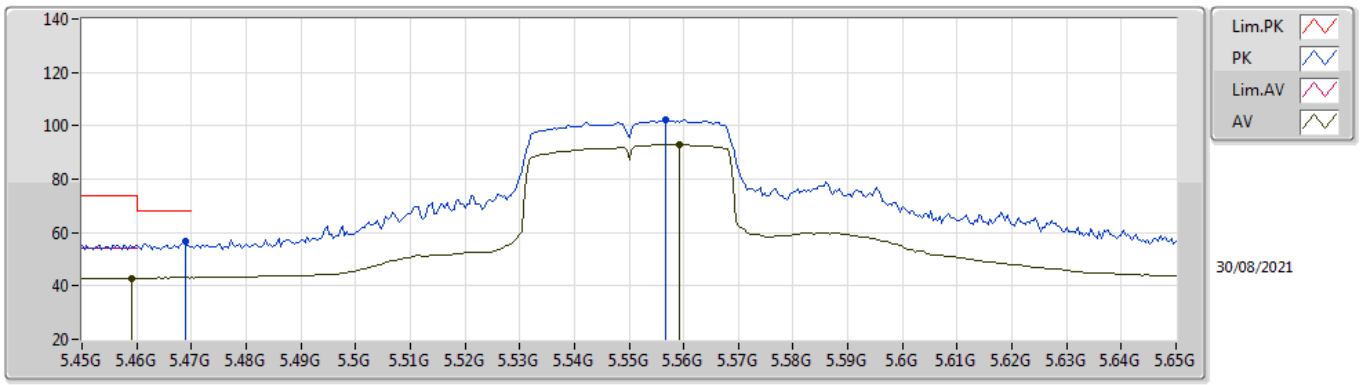
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	48.80	54.00	-5.20	3.93	3	Vertical	183	1.50	-	44.87	31.62	7.08	34.77
AV	5.5516G	107.12	Inf	-Inf	3.95	3	Vertical	183	1.50	-	103.17	31.70	7.02	34.77
PK	5.468G	67.81	68.20	-0.39	3.95	3	Vertical	183	1.50	-	63.86	31.64	7.08	34.77
PK	5.548G	116.59	Inf	-Inf	3.95	3	Vertical	183	1.50	-	112.64	31.70	7.02	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

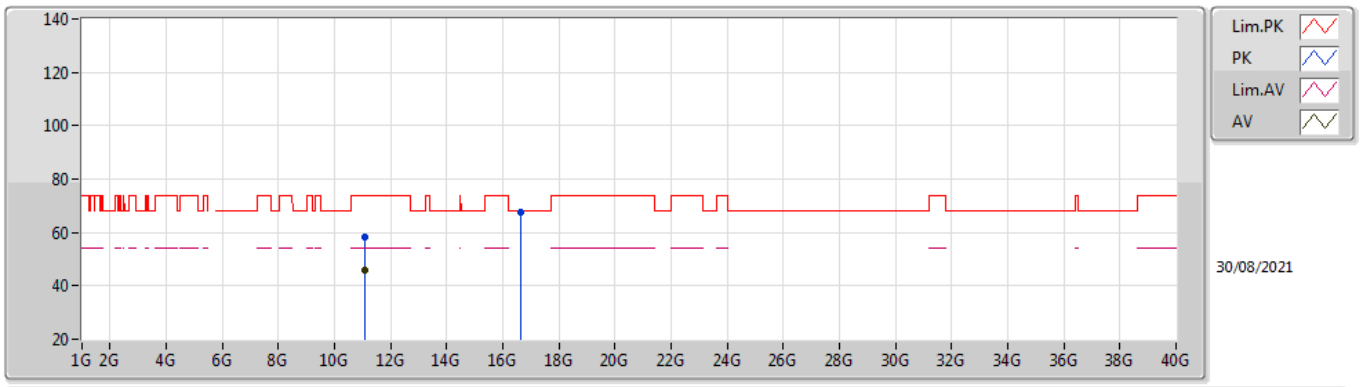
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	42.95	54.00	-11.05	3.93	3	Horizontal	315	1.48	-	39.02	31.62	7.08	34.77
AV	5.5592G	92.93	Inf	-Inf	3.95	3	Horizontal	315	1.48	-	88.98	31.70	7.02	34.77
PK	5.4688G	56.58	68.20	-11.62	3.95	3	Horizontal	315	1.48	-	52.63	31.64	7.08	34.77
PK	5.5568G	102.43	Inf	-Inf	3.95	3	Horizontal	315	1.48	-	98.48	31.70	7.02	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

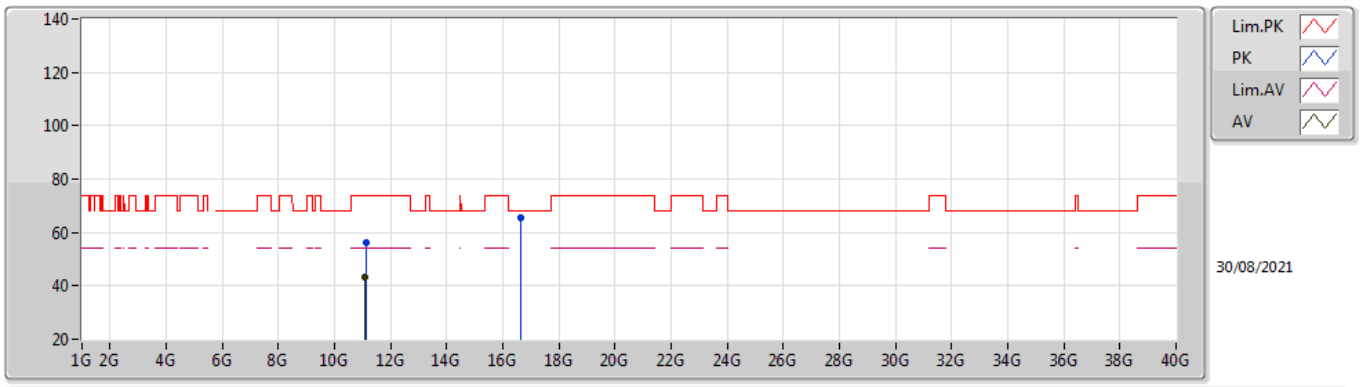
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.09982G	45.61	54.00	-8.39	14.52	3	Vertical	303	2.15	-	31.09	40.00	9.23	34.71
PK	11.1G	58.35	74.00	-15.65	14.52	3	Vertical	303	2.15	-	43.83	40.00	9.23	34.71
PK	16.64772G	67.83	68.20	-0.37	17.05	3	Vertical	7	1.98	-	50.78	38.94	12.75	34.64

802.11ac VHT40_Nss1,(MCS0)_2TX

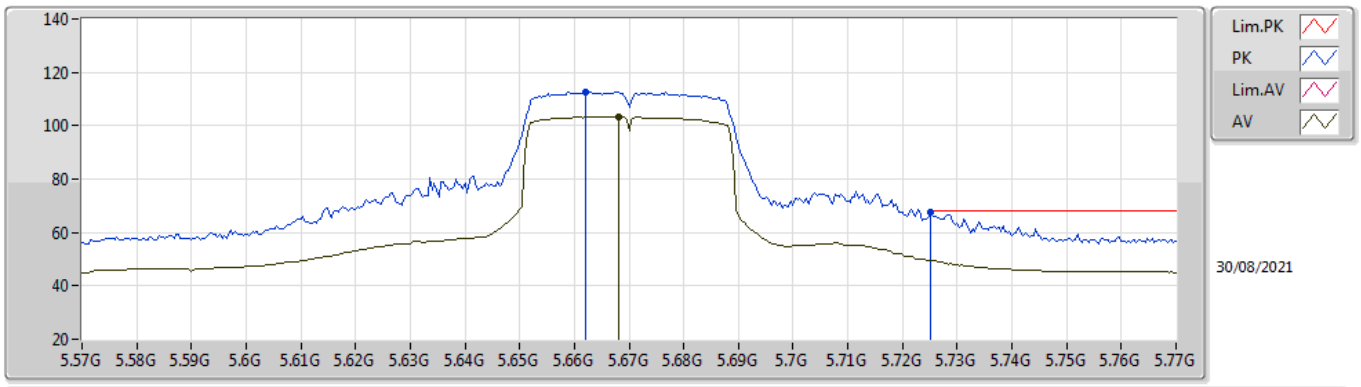
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.10018G	43.03	54.00	-10.97	14.52	3	Horizontal	255	2.72	-	28.51	40.00	9.23	34.71
PK	11.10864G	56.31	74.00	-17.69	14.50	3	Horizontal	255	2.72	-	41.81	39.97	9.24	34.71
PK	16.64796G	65.43	68.20	-2.77	17.05	3	Horizontal	44	1.97	-	48.38	38.94	12.75	34.64

802.11ac VHT40_Nss1,(MCS0)_2TX

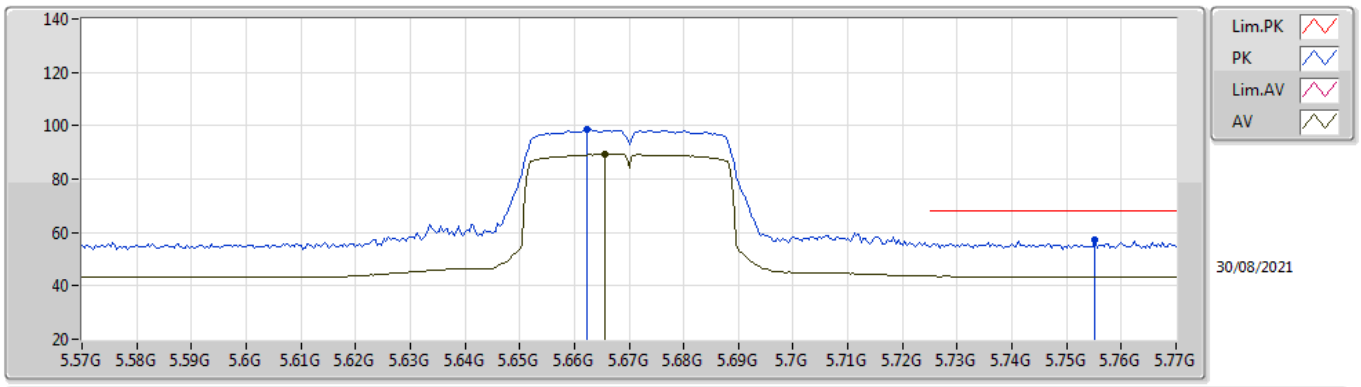
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.668G	103.27	Inf	-Inf	3.93	3	Vertical	184	1.50	-	99.34	31.74	6.96	34.77
PK	5.662G	112.81	Inf	-Inf	3.92	3	Vertical	184	1.50	-	108.89	31.72	6.97	34.77
PK	5.7252G	67.40	68.20	-0.80	4.07	3	Vertical	184	1.50	-	63.33	31.90	6.94	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

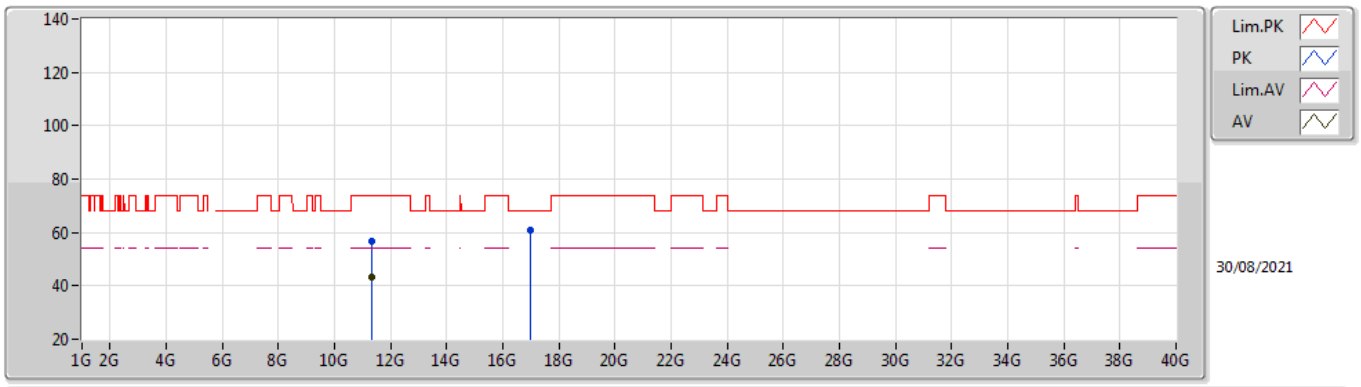
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6656G	89.26	Inf	-Inf	3.92	3	Horizontal	78	1.50	-	85.34	31.73	6.96	34.77
PK	5.6624G	98.81	Inf	-Inf	3.92	3	Horizontal	78	1.50	-	94.89	31.72	6.97	34.77
PK	5.7552G	57.05	68.20	-11.15	4.17	3	Horizontal	78	1.50	-	52.88	32.01	6.93	34.77

802.11ac VHT40_Nss1,(MCS0)_2TX

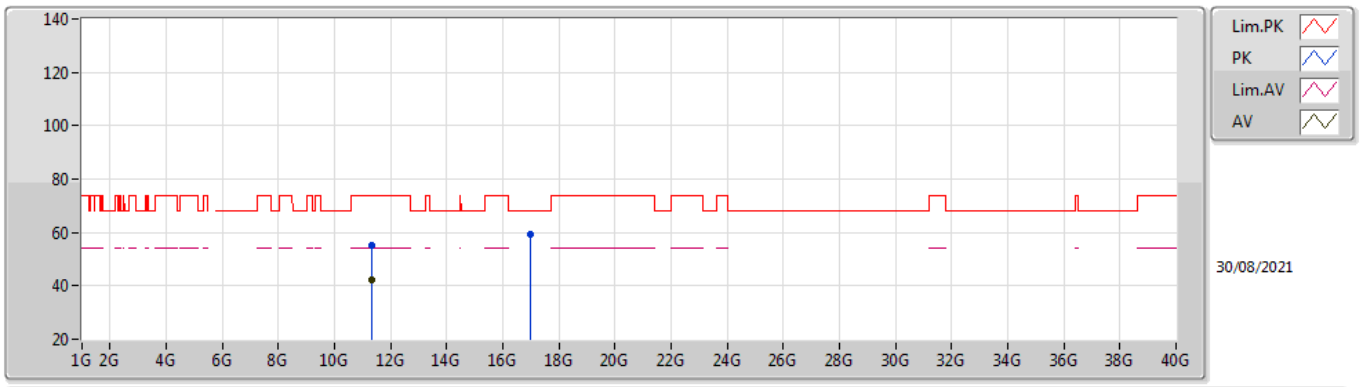
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.33964G	43.36	54.00	-10.64	14.38	3	Vertical	266	2.16	-	28.98	39.72	9.31	34.65
PK	11.34054G	56.82	74.00	-17.18	14.38	3	Vertical	266	2.16	-	42.44	39.72	9.31	34.65
PK	17.00742G	60.87	68.20	-7.33	18.51	3	Vertical	6	2.05	-	42.36	39.61	12.85	33.95

802.11ac VHT40_Nss1,(MCS0)_2TX

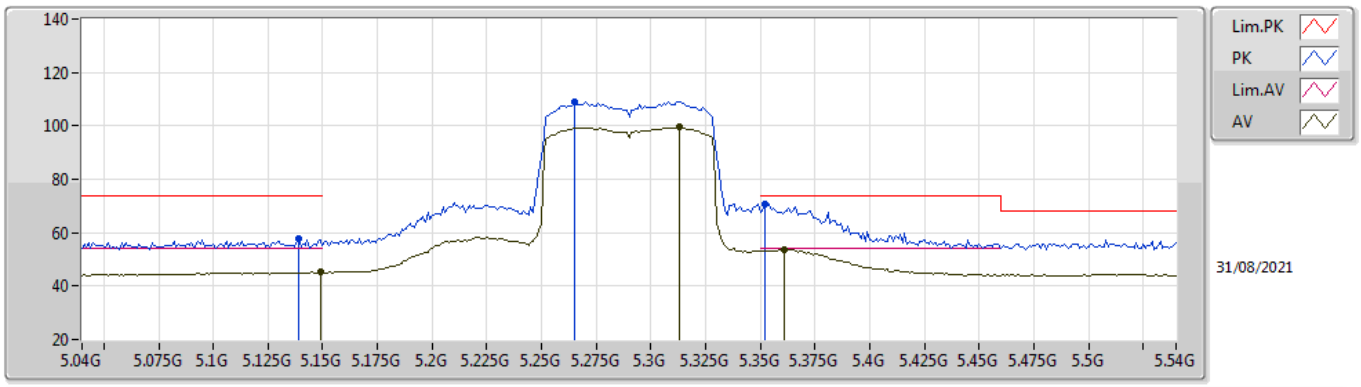
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.34012G	42.43	54.00	-11.57	14.38	3	Horizontal	340	2.40	-	28.05	39.72	9.31	34.65
PK	11.33838G	55.27	74.00	-18.73	14.38	3	Horizontal	340	2.40	-	40.89	39.72	9.31	34.65
PK	16.99992G	59.47	68.20	-8.73	18.51	3	Horizontal	357	1.90	-	40.96	39.60	12.85	33.94

802.11ac VHT80_Nss1,(MCS0)_2TX

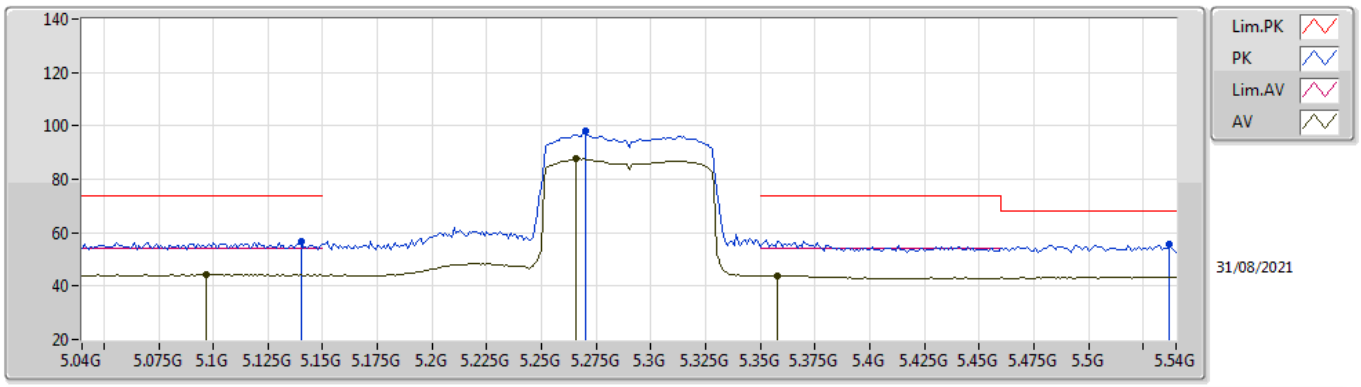
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.149G	45.11	54.00	-8.89	4.01	3	Vertical	25	1.50	-	41.10	31.90	6.87	34.76
AV	5.313G	99.48	Inf	-Inf	3.60	3	Vertical	25	1.50	-	95.88	31.35	7.02	34.77
AV	5.361G	53.64	54.00	-0.36	3.55	3	Vertical	25	1.50	-	50.09	31.24	7.08	34.77
PK	5.139G	57.61	74.00	-16.39	4.01	3	Vertical	25	1.50	-	53.60	31.90	6.87	34.76
PK	5.265G	109.21	Inf	-Inf	3.66	3	Vertical	25	1.50	-	105.55	31.47	6.96	34.77
PK	5.352G	70.50	74.00	-3.50	3.50	3	Vertical	25	1.50	-	67.00	31.21	7.06	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

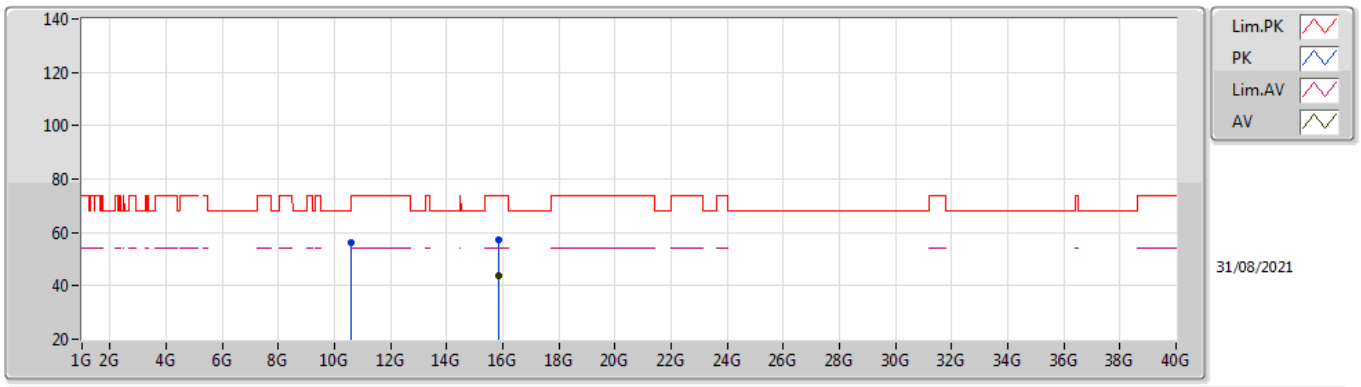
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.097G	44.31	54.00	-9.69	3.98	3	Horizontal	292	1.36	-	40.33	31.89	6.85	34.76
AV	5.266G	87.70	Inf	-Inf	3.67	3	Horizontal	292	1.36	-	84.03	31.47	6.97	34.77
AV	5.358G	43.97	54.00	-10.03	3.53	3	Horizontal	292	1.36	-	40.44	31.23	7.07	34.77
PK	5.14G	56.71	74.00	-17.29	4.01	3	Horizontal	292	1.36	-	52.70	31.90	6.87	34.76
PK	5.27G	97.87	Inf	-Inf	3.66	3	Horizontal	292	1.36	-	94.21	31.46	6.97	34.77
PK	5.537G	55.45	68.20	-12.75	3.96	3	Horizontal	292	1.36	-	51.49	31.70	7.03	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

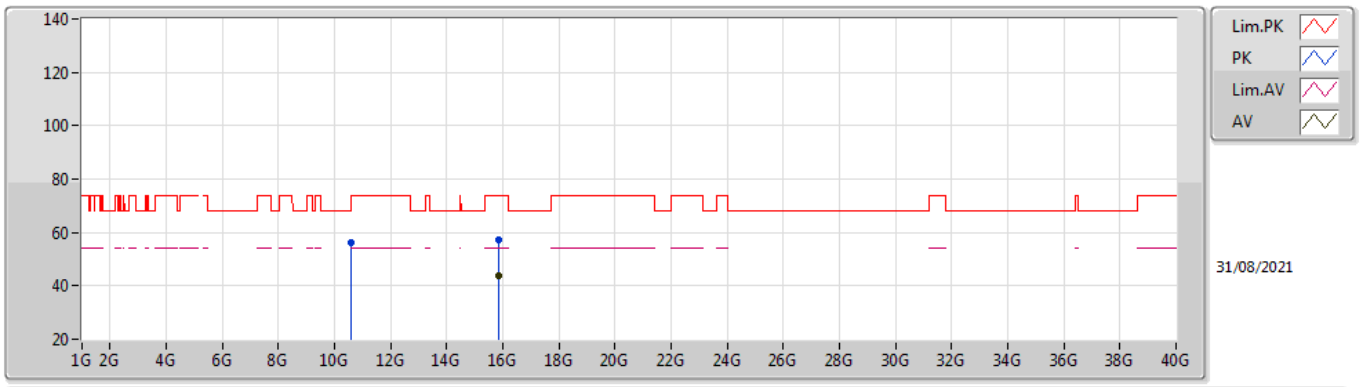
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.86738G	43.93	54.00	-10.07	14.79	3	Vertical	0	1.91	-	29.14	37.47	12.43	35.11
PK	10.58015G	56.42	68.20	-11.78	14.11	3	Vertical	331	1.00	-	42.31	39.92	9.06	34.87
PK	15.868G	57.30	74.00	-16.70	14.78	3	Vertical	0	1.91	-	42.52	37.46	12.43	35.11

802.11ac VHT80_Nss1,(MCS0)_2TX

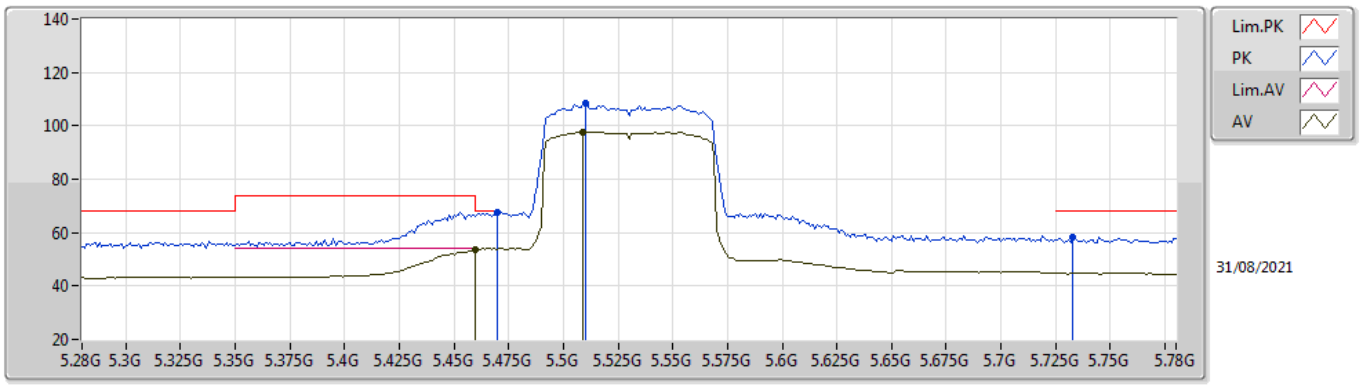
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.87084G	43.84	54.00	-10.16	14.77	3	Horizontal	304	1.50	-	29.07	37.46	12.43	35.12
PK	10.57982G	56.21	68.20	-11.99	14.11	3	Horizontal	336	2.08	-	42.10	39.92	9.06	34.87
PK	15.8701G	57.07	74.00	-16.93	14.78	3	Horizontal	304	1.50	-	42.29	37.46	12.43	35.11

802.11ac VHT80_Nss1,(MCS0)_2TX

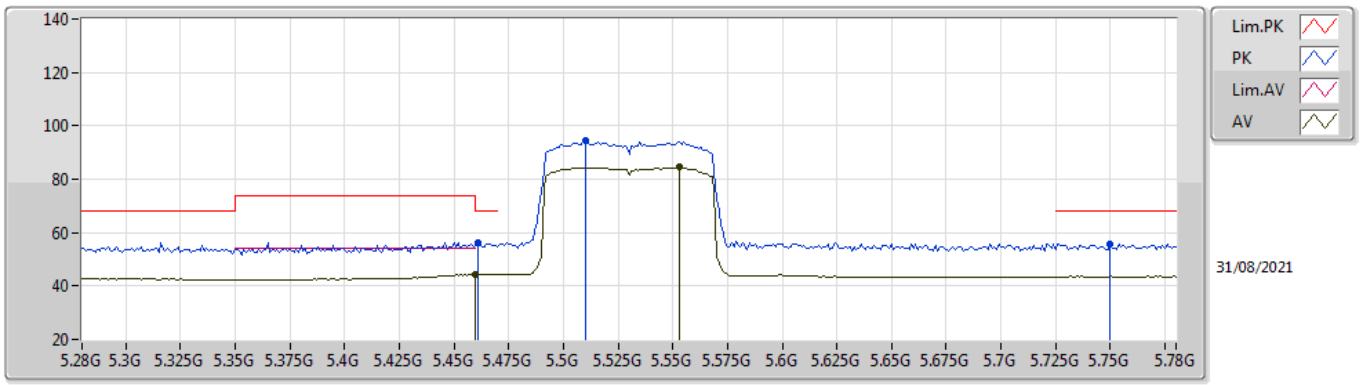
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	53.77	54.00	-0.23	3.93	3	Vertical	180	1.71	-	49.84	31.62	7.08	34.77
AV	5.509G	97.65	Inf	-Inf	3.98	3	Vertical	180	1.71	-	93.67	31.70	7.05	34.77
PK	5.47G	67.38	68.20	-0.82	3.94	3	Vertical	180	1.71	-	63.44	31.64	7.07	34.77
PK	5.51G	108.19	Inf	-Inf	3.98	3	Vertical	180	1.71	-	104.21	31.70	7.05	34.77
PK	5.733G	58.02	68.20	-10.18	4.10	3	Vertical	180	1.71	-	53.92	31.93	6.94	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

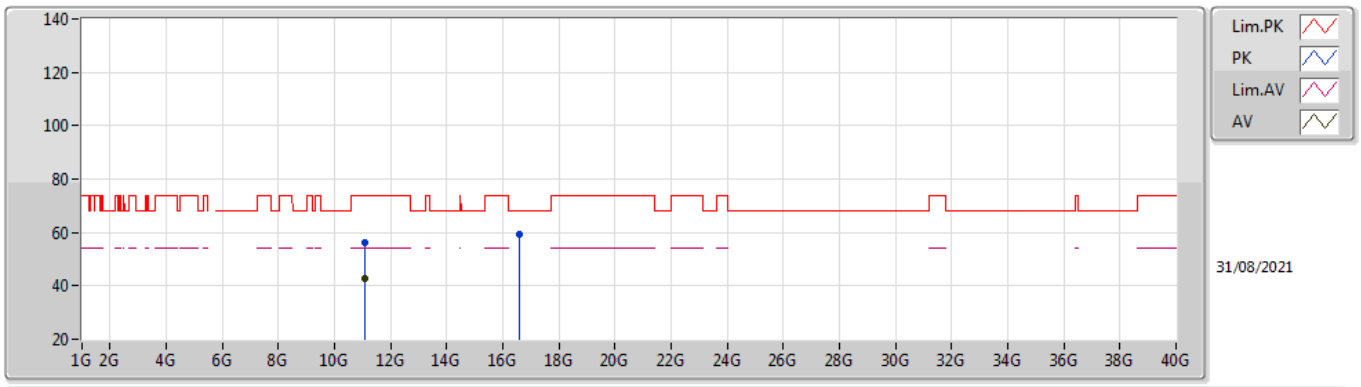
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	44.33	54.00	-9.67	3.93	3	Horizontal	73	1.62	-	40.40	31.62	7.08	34.77
AV	5.553G	84.55	Inf	-Inf	3.95	3	Horizontal	73	1.62	-	80.60	31.70	7.02	34.77
PK	5.461G	55.97	68.20	-12.23	3.93	3	Horizontal	73	1.62	-	52.04	31.62	7.08	34.77
PK	5.51G	94.61	Inf	-Inf	3.98	3	Horizontal	73	1.62	-	90.63	31.70	7.05	34.77
PK	5.75G	55.85	68.20	-12.35	4.16	3	Horizontal	73	1.62	-	51.69	32.00	6.93	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

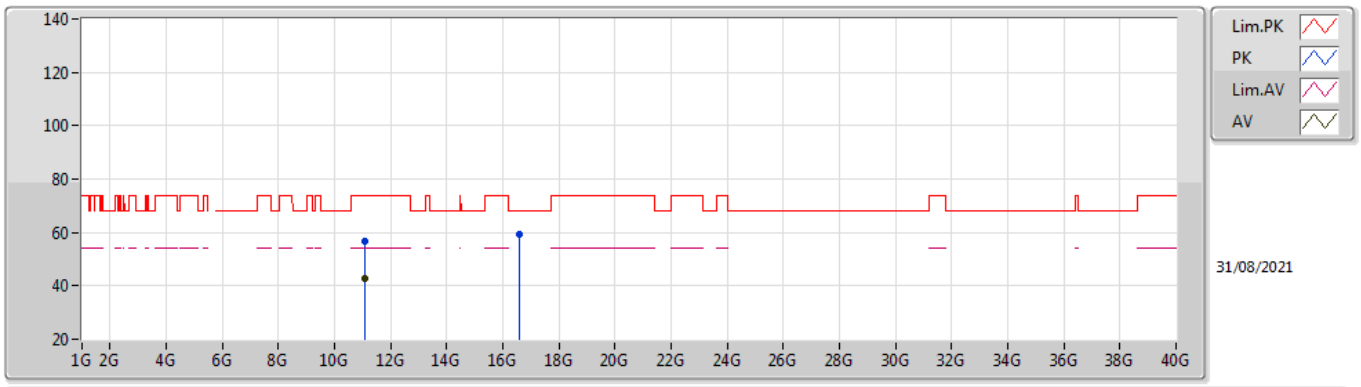
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.06004G	42.75	54.00	-11.25	14.58	3	Vertical	56	1.50	-	28.17	40.08	9.22	34.72
PK	11.05902G	56.36	74.00	-17.64	14.58	3	Vertical	56	1.50	-	41.78	40.08	9.22	34.72
PK	16.58812G	59.20	68.20	-9.00	16.79	3	Vertical	309	1.50	-	42.41	38.82	12.73	34.76

802.11ac VHT80_Nss1,(MCS0)_2TX

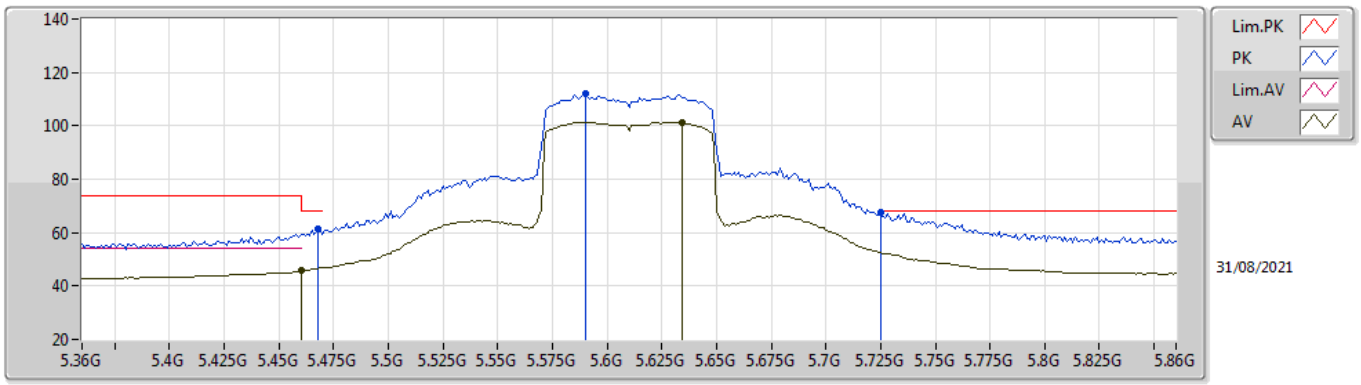
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.06218G	42.77	54.00	-11.23	14.58	3	Horizontal	106	1.11	-	28.19	40.08	9.22	34.72
PK	11.05761G	56.54	74.00	-17.46	14.57	3	Horizontal	106	1.11	-	41.97	40.08	9.22	34.73
PK	16.59051G	59.26	68.20	-8.94	16.79	3	Horizontal	272	2.58	-	42.47	38.82	12.73	34.76

802.11ac VHT80_Nss1,(MCS0)_2TX

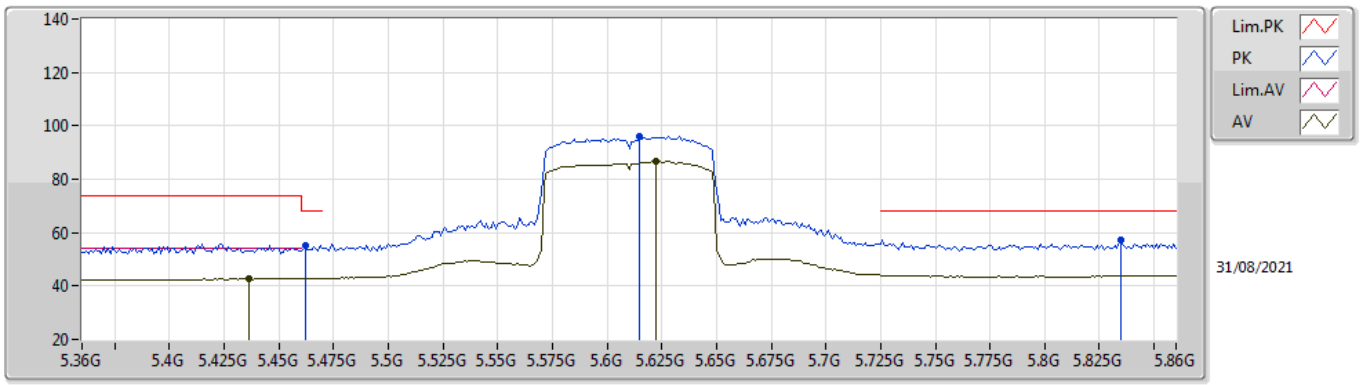
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	45.65	54.00	-8.35	3.93	3	Vertical	180	1.50	-	41.72	31.62	7.08	34.77
AV	5.634G	101.39	Inf	-Inf	3.91	3	Vertical	180	1.50	-	97.48	31.70	6.98	34.77
PK	5.468G	61.60	68.20	-6.60	3.95	3	Vertical	180	1.50	-	57.65	31.64	7.08	34.77
PK	5.59G	112.02	Inf	-Inf	3.93	3	Vertical	180	1.50	-	108.09	31.70	7.00	34.77
PK	5.725G	67.47	68.20	-0.73	4.07	3	Vertical	180	1.50	-	63.40	31.90	6.94	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

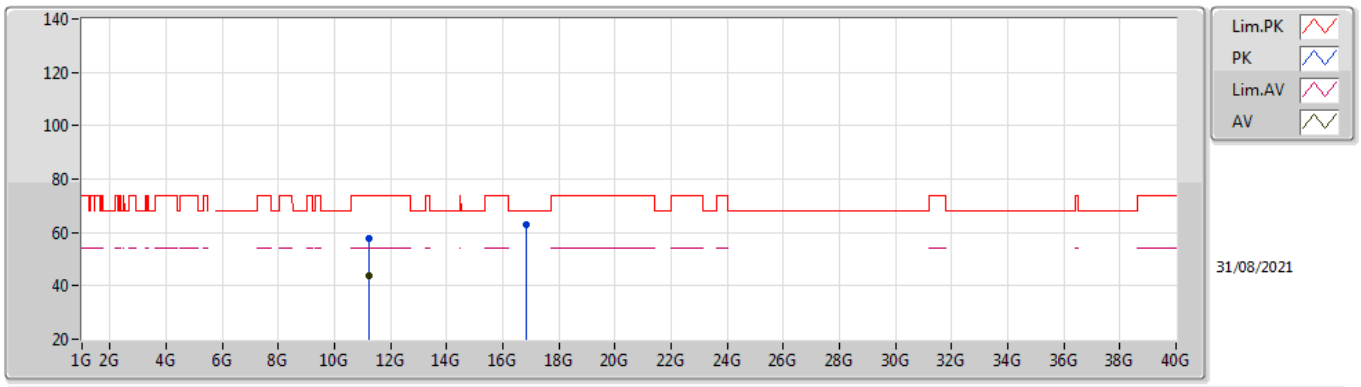
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.436G	42.71	54.00	-11.29	3.87	3	Horizontal	75	1.66	-	38.84	31.54	7.10	34.77
AV	5.622G	86.90	Inf	-Inf	3.91	3	Horizontal	75	1.66	-	82.99	31.70	6.98	34.77
PK	5.462G	55.12	68.20	-13.08	3.93	3	Horizontal	75	1.66	-	51.19	31.62	7.08	34.77
PK	5.615G	96.27	Inf	-Inf	3.91	3	Horizontal	75	1.66	-	92.36	31.70	6.98	34.77
PK	5.835G	57.37	68.20	-10.83	4.46	3	Horizontal	75	1.66	-	52.91	32.17	7.06	34.77

802.11ac VHT80_Nss1,(MCS0)_2TX

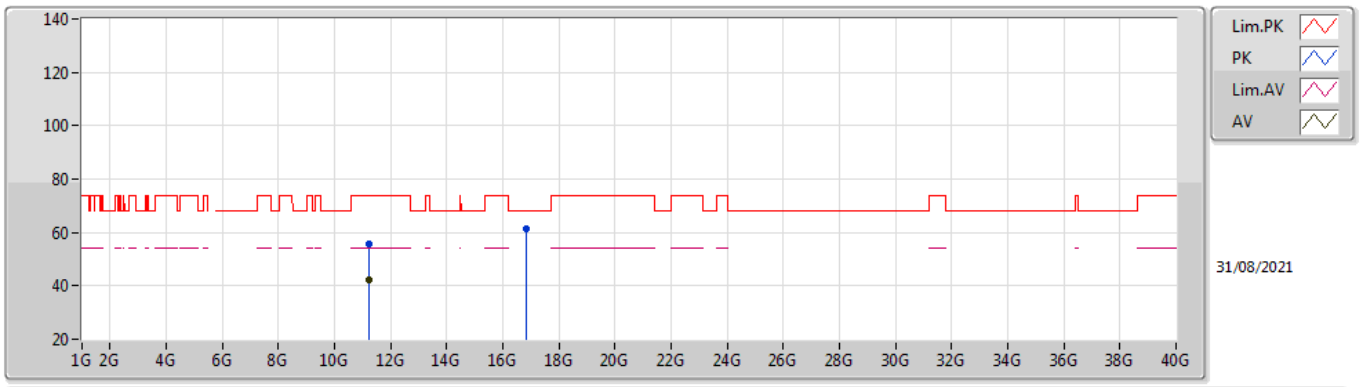
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.21993G	43.60	54.00	-10.40	14.19	3	Vertical	235	2.34	-	29.41	39.60	9.27	34.68
PK	11.21969G	57.98	74.00	-16.02	14.19	3	Vertical	235	2.34	-	43.79	39.60	9.27	34.68
PK	16.83171G	62.75	68.20	-5.45	18.42	3	Vertical	5	2.00	-	44.33	39.90	12.80	34.28

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.21998G	42.21	54.00	-11.79	14.19	3	Horizontal	22	2.29	-	28.02	39.60	9.27	34.68
PK	11.21953G	55.83	74.00	-18.17	14.19	3	Horizontal	22	2.29	-	41.64	39.60	9.27	34.68
PK	16.82765G	61.13	68.20	-7.07	18.42	3	Horizontal	1	1.74	-	42.71	39.90	12.80	34.28