

FCC Radio Test Report

FCC ID : COF-WMBACMT63
Equipment : 802.11a/b/g/n/ac dual-band Wi-Fi + BT 5.1 Module
Brand Name : USI
Model Name : WM-BAC-MT-63
Applicant : Universal Global Scientific Industrial Co., Ltd.
141, Lane 351, Sec. 1, Taiping Road., Tsao-tuen,
Nantou 542007, Taiwan
Manufacturer : Universal Global Scientific Industrial Co., Ltd.
141, Lane 351, Sec. 1, Taiping Road., Tsao-tuen,
Nantou 542007, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 08, 2021, and testing was started from Apr. 27, 2021 and completed on Jun. 21, 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 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: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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Report Template No.: HE1-D1 Ver4.2
FCC ID: COF-WMBACMT63



Summary of Test Result

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

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	ARISTOTLE	RFA-25-C53-B32C255V2	Dipole	Reverse SMA
2	ARISTOTLE	RFA-25-C53-B32C255V2	Dipole	Reverse SMA
3	ARISTOTLE	RFA-25-C53-B32C255V2	Dipole	Reverse SMA

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.5	5	-
2	2	3.5	5	-
3	1	-	-	3.5

Note 1: The EUT has three antennas.

For 2.4GHz function:

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

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

For BT function:

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

Only Ant. 3 (port 1) can be used as transmitting/receiving.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Test Fixture		
EUT Function	☐ Outdoor AP	☐ Indoor AP	
	☐ Fixed P2P AP	☒ Indoor Client	
Beamforming Function	☐ With beamforming	☒ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_2TX	0.963	0.16	1.394m	1k
802.11ac VHT20_Nss1,(MCS0)_2TX	0.926	0.33	681.25u	3k
802.11ac VHT40_Nss1,(MCS0)_2TX	0.876	0.57	353.75u	3k
802.11ac VHT80_Nss1,(MCS0)_2TX	0.789	1.03	190u	10k

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

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (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
AC Conduction	CO04-HY	Edward Wang	21.2~22.3°C / 58~63%	28/Apr/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	27/Apr/2021~21/Jun/2021
Radiated	03CH03-HY	Billy Wang	20.1~26.9°C / 50~60%	27/Apr/2021~18/Jun/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.				

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Dos
Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	17
5200MHz	17
5240MHz	16.5
5260MHz	16.5
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
5745MHz	25
5785MHz	24.5
5825MHz	24.5
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	17.5
5240MHz	17
5260MHz	17
5300MHz	17.5
5320MHz	17
5500MHz	17
5580MHz	17.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	25
5785MHz	25



Mode	Power Setting
5825MHz	24
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	15
5230MHz	19.5
5270MHz	19.5
5310MHz	17.5
5510MHz	17
5550MHz	21
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	20.5
5710MHz Straddle 5.725-5.85GHz	20.5
5755MHz	23.5
5795MHz	24.5
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	11
5290MHz	13
5530MHz	10
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
5775MHz	21

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA133036 for Co-location RF Exposure Evaluation.	



2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	G.W.	GPS-3030DD	-	-
2	DC Power cable(+)	MiSUMi	WTN1227-RED	-	-
3	DC Power cable(-)	MiSUMi	WTN1227-BLACK	-	-
4	DC Power cable(+)	-	-	-	Note 1
5	DC Power cable(-)	-	-	-	Note 1
6	Test Fixture	-	-	-	Note 1

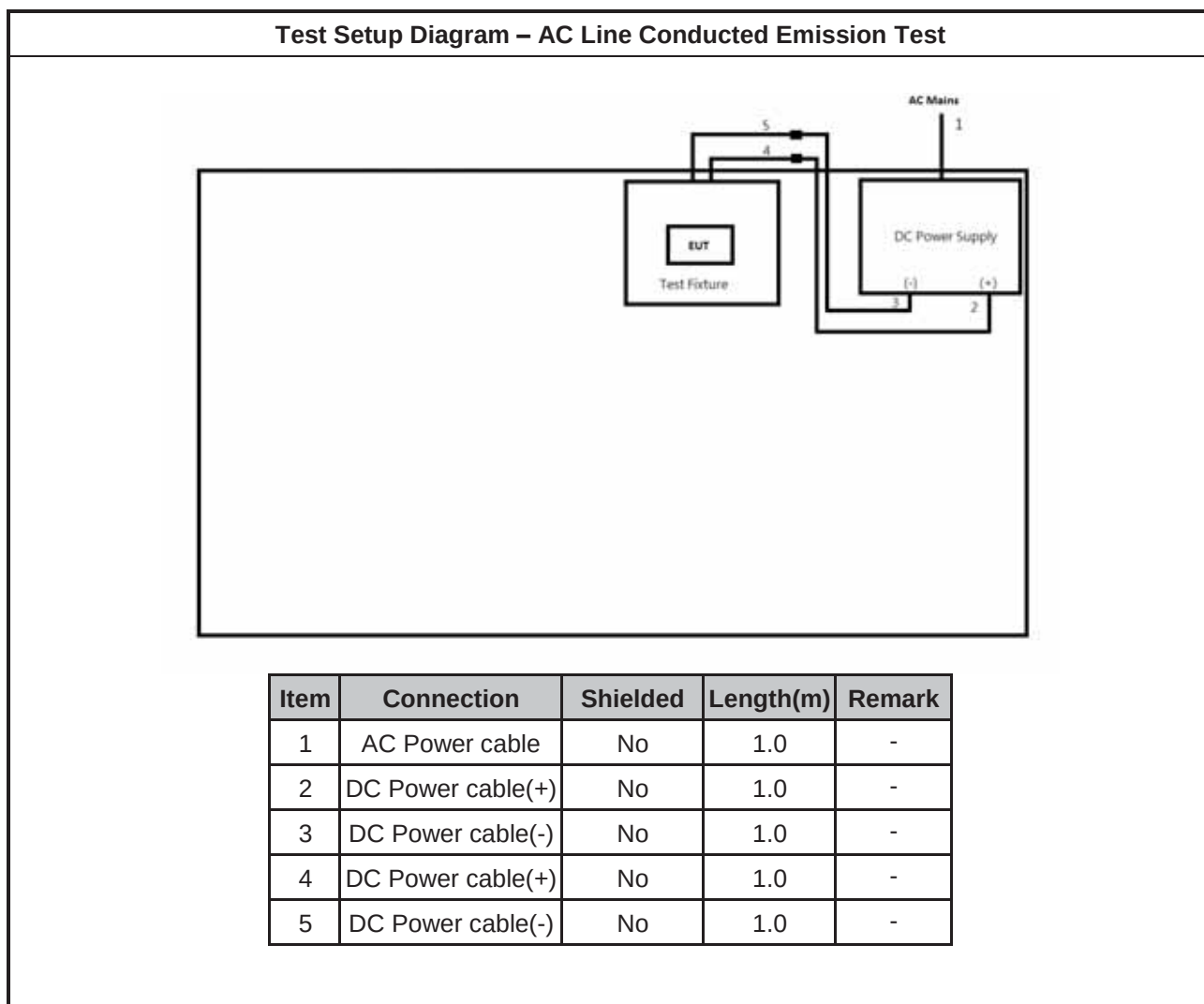
Note 1: Provided by Customer.

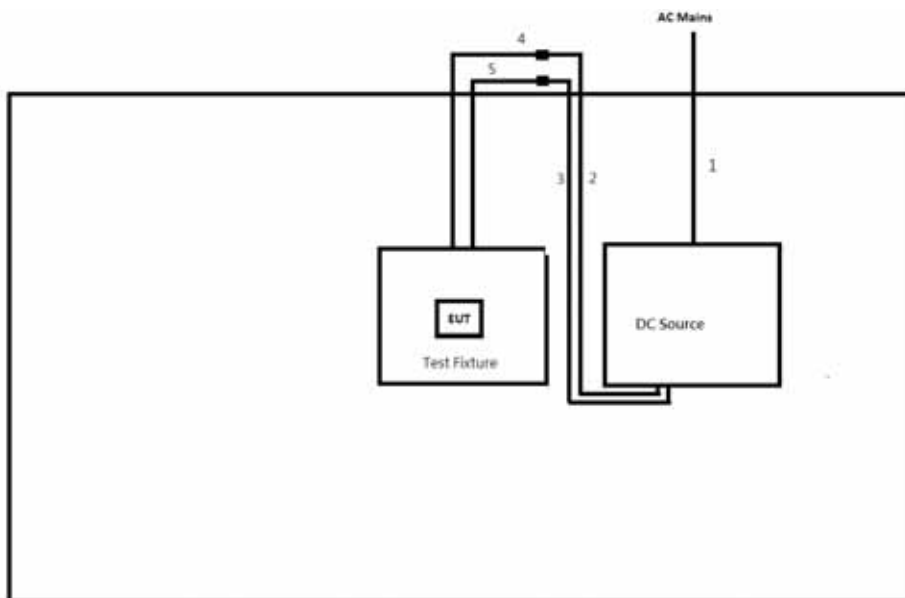
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	DC Power Supply	GW	GPS-3030DD	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	G.W.	GPS-3030DD	-	-
2	DC Power cable(+)	MiSUMi	WTN1227-RED	-	-
3	DC Power cable(-)	MiSUMi	WTN1227-BLACK	-	-
4	DC Power cable(+)	-	-	-	Note 1
5	DC Power cable(-)	-	-	-	Note 1
6	Test Fixture	-	-	-	Note 1

Note 1: Provided by Customer.

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test


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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

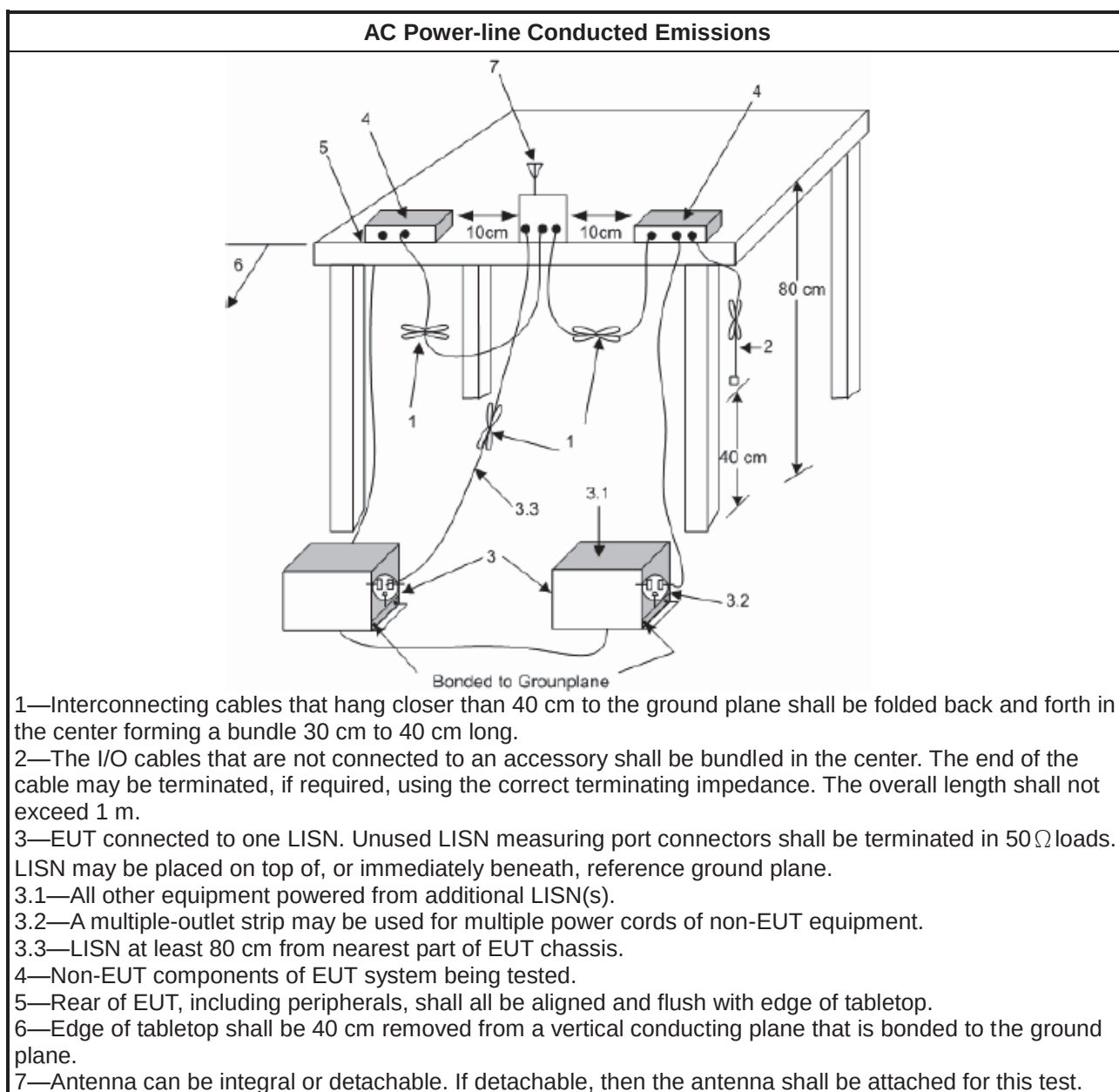
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

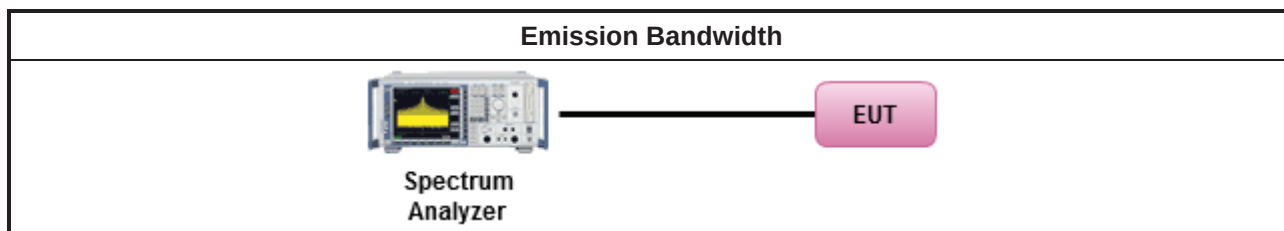
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

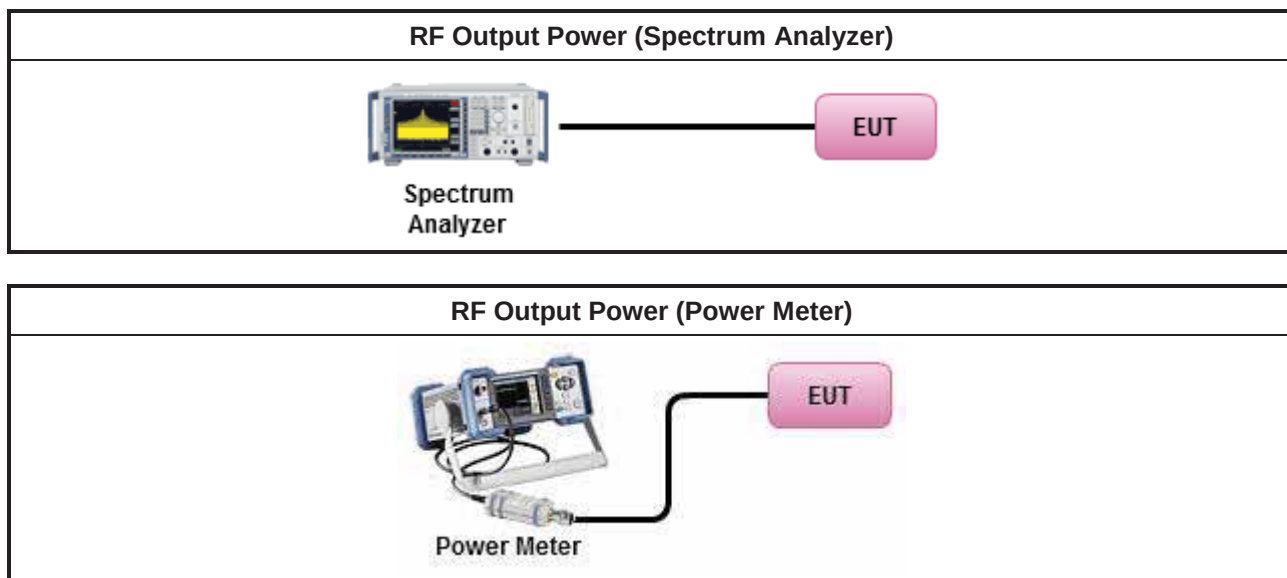
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

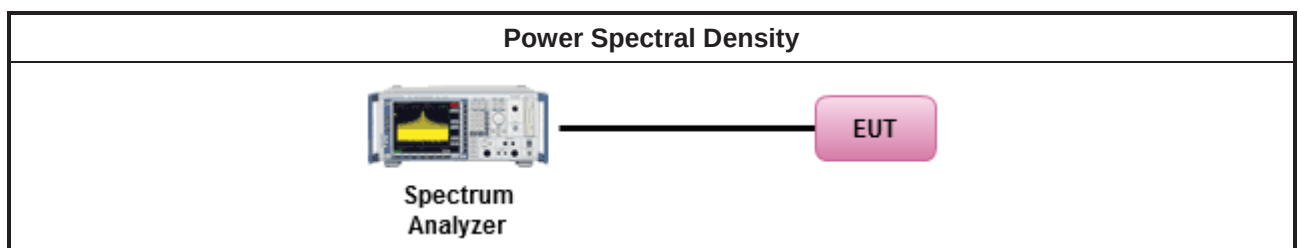
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

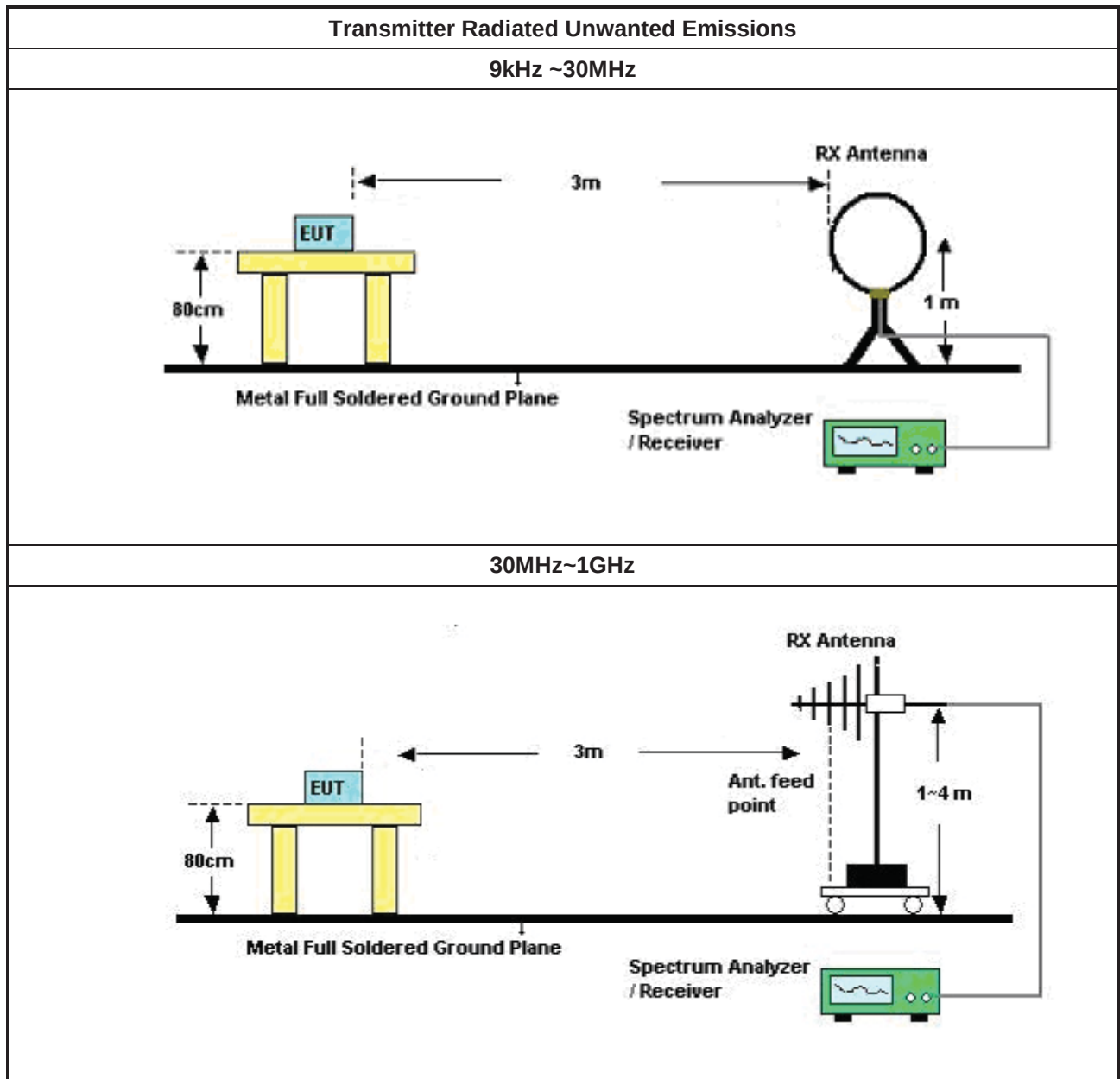
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 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 $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

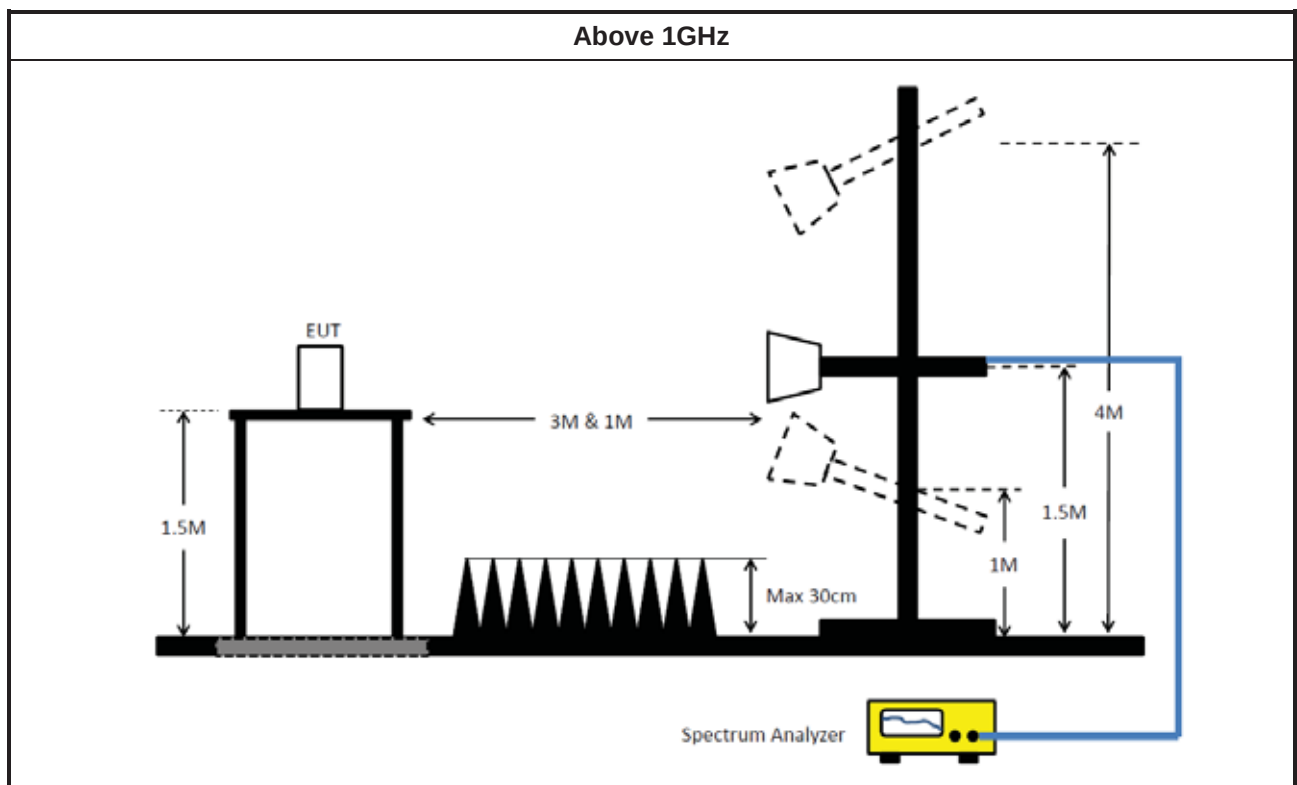
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	23/Feb/2021	22/Feb/2022
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	23/Feb/2021	22/Feb/2022

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	24/Mar/2021	23/Mar/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021



Conducted Emissions at Powerline

Appendix A

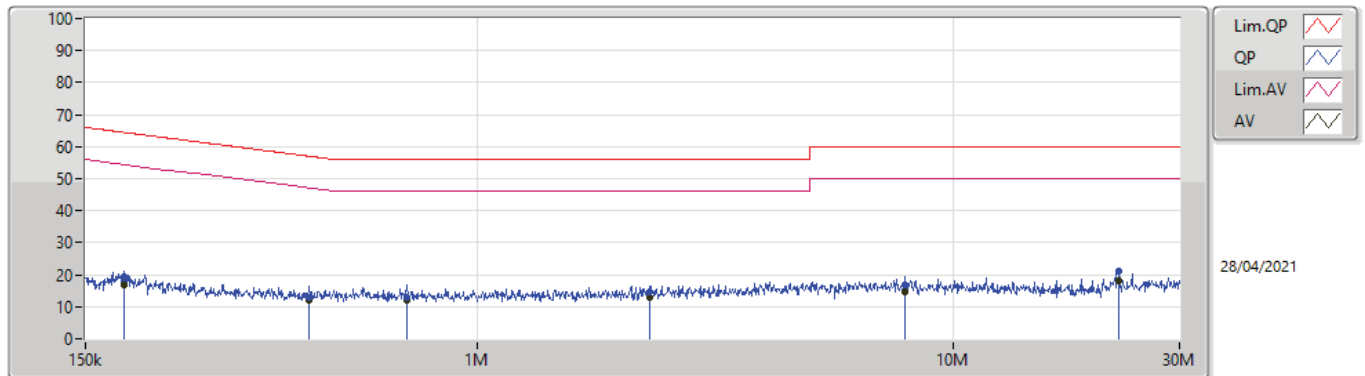
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	22.396M	20.89	50.00	-29.11	Neutral

**Result**

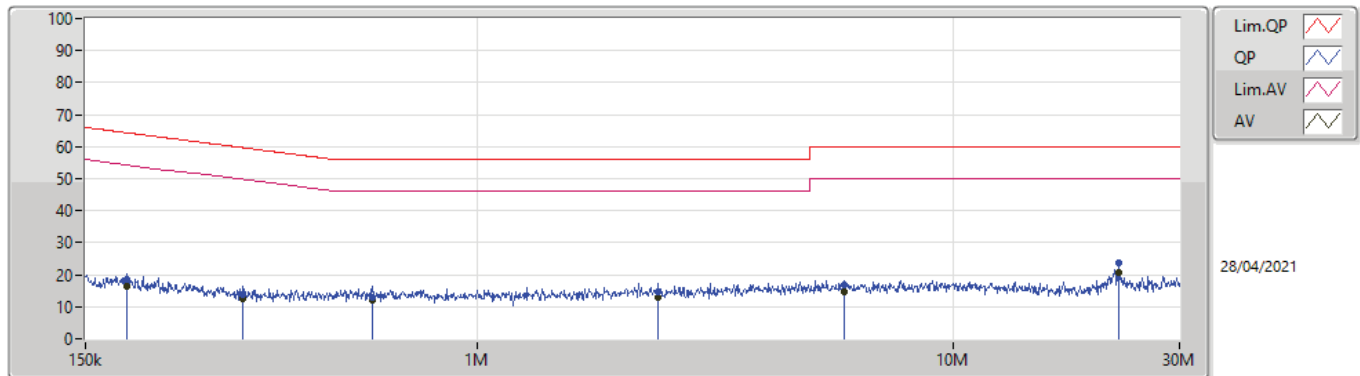
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	180.957k	19.29	64.43	-45.14	Line	-
Mode 1	Pass	AV	180.957k	16.62	54.43	-37.81	Line	-
Mode 1	Pass	QP	442.514k	12.98	57.01	-44.03	Line	-
Mode 1	Pass	AV	442.514k	12.06	47.01	-34.95	Line	-
Mode 1	Pass	QP	711.605k	13.09	56.00	-42.91	Line	-
Mode 1	Pass	AV	711.605k	11.90	46.00	-34.10	Line	-
Mode 1	Pass	QP	2.301M	14.60	56.00	-41.40	Line	-
Mode 1	Pass	AV	2.301M	12.88	46.00	-33.12	Line	-
Mode 1	Pass	QP	7.932M	16.64	60.00	-43.36	Line	-
Mode 1	Pass	AV	7.932M	14.58	50.00	-35.42	Line	-
Mode 1	Pass	QP	22.396M	21.31	60.00	-38.69	Line	-
Mode 1	Pass	AV	22.396M	18.12	50.00	-31.88	Line	-
Mode 1	Pass	QP	183.137k	18.66	64.34	-45.68	Neutral	-
Mode 1	Pass	AV	183.137k	16.32	54.34	-38.02	Neutral	-
Mode 1	Pass	QP	321.537k	13.66	59.67	-46.01	Neutral	-
Mode 1	Pass	AV	321.537k	12.58	49.67	-37.09	Neutral	-
Mode 1	Pass	QP	601.76k	12.97	56.00	-43.03	Neutral	-
Mode 1	Pass	AV	601.76k	11.93	46.00	-34.07	Neutral	-
Mode 1	Pass	QP	2.395M	14.44	56.00	-41.56	Neutral	-
Mode 1	Pass	AV	2.395M	12.92	46.00	-33.08	Neutral	-
Mode 1	Pass	QP	5.903M	16.71	60.00	-43.29	Neutral	-
Mode 1	Pass	AV	5.903M	14.62	50.00	-35.38	Neutral	-
Mode 1	Pass	QP	22.396M	23.92	60.00	-36.08	Neutral	-
Mode 1	Pass	AV	22.396M	20.89	50.00	-29.11	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	180.957k	19.29	64.43	-45.14	19.62	Line	-	-0.33	9.68	0.04	9.90			
AV	180.957k	16.62	54.43	-37.81	19.62	Line	-	-3.00	9.68	0.04	9.90			
QP	442.514k	12.98	57.01	-44.03	19.62	Line	-	-6.64	9.67	0.06	9.89			
AV	442.514k	12.06	47.01	-34.95	19.62	Line	-	-7.56	9.67	0.06	9.89			
QP	711.605k	13.09	56.00	-42.91	19.58	Line	-	-6.49	9.67	0.07	9.84			
AV	711.605k	11.90	46.00	-34.10	19.58	Line	-	-7.68	9.67	0.07	9.84			
QP	2.301M	14.60	56.00	-41.40	19.61	Line	-	-5.01	9.68	0.11	9.82			
AV	2.301M	12.88	46.00	-33.12	19.61	Line	-	-6.73	9.68	0.11	9.82			
QP	7.932M	16.64	60.00	-43.36	19.79	Line	-	-3.15	9.71	0.18	9.90			
AV	7.932M	14.58	50.00	-35.42	19.79	Line	-	-5.21	9.71	0.18	9.90			
QP	22.396M	21.31	60.00	-38.69	19.84	Line	-	1.47	9.63	0.31	9.90			
AV	22.396M	18.12	50.00	-31.88	19.84	Line	-	-1.72	9.63	0.31	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	183.137k	18.66	64.34	-45.68	19.62	Neutral	-	-0.96	9.68	0.04	9.90			
AV	183.137k	16.32	54.34	-38.02	19.62	Neutral	-	-3.30	9.68	0.04	9.90			
QP	321.537k	13.66	59.67	-46.01	19.62	Neutral	-	-5.96	9.67	0.05	9.90			
AV	321.537k	12.58	49.67	-37.09	19.62	Neutral	-	-7.04	9.67	0.05	9.90			
QP	601.76k	12.97	56.00	-43.03	19.60	Neutral	-	-6.63	9.67	0.07	9.86			
AV	601.76k	11.93	46.00	-34.07	19.60	Neutral	-	-7.67	9.67	0.07	9.86			
QP	2.395M	14.44	56.00	-41.56	19.62	Neutral	-	-5.18	9.68	0.11	9.83			
AV	2.395M	12.92	46.00	-33.08	19.62	Neutral	-	-6.70	9.68	0.11	9.83			
QP	5.903M	16.71	60.00	-43.29	19.78	Neutral	-	-3.07	9.71	0.17	9.90			
AV	5.903M	14.62	50.00	-35.38	19.78	Neutral	-	-5.16	9.71	0.17	9.90			
QP	22.396M	23.92	60.00	-36.08	19.95	Neutral	-	3.97	9.74	0.31	9.90			
AV	22.396M	20.89	50.00	-29.11	19.95	Neutral	-	0.94	9.74	0.31	9.90			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.58M	16.552M	16M6D1D	20.07M	16.432M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.85M	17.721M	17M7D1D	20.28M	17.601M
802.11ac VHT40_Nss1,(MCS0)_2TX	67.2M	36.66M	36M7D1D	40.26M	36.162M
802.11ac VHT80_Nss1,(MCS0)_2TX	80.88M	75.922M	75M9D1D	80.88M	75.922M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.52M	16.582M	16M6D1D	19.92M	16.432M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.79M	17.691M	17M7D1D	20.4M	17.58M
802.11ac VHT40_Nss1,(MCS0)_2TX	68.46M	36.582M	36M6D1D	40.2M	36.102M
802.11ac VHT80_Nss1,(MCS0)_2TX	81.12M	75.922M	75M9D1D	81M	75.562M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.37M	16.5M	16M5D1D	14.94M	13.238M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.4M	17.661M	17M7D1D	15.045M	13.808M
802.11ac VHT40_Nss1,(MCS0)_2TX	60.6M	36.522M	36M5D1D	40.08M	32.954M
802.11ac VHT80_Nss1,(MCS0)_2TX	106.575M	76.162M	76M2D1D	80.4M	72.714M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.69M	29.625M	29M6D1D	3.14M	4.098M
802.11ac VHT20_Nss1,(MCS0)_2TX	16.89M	26.507M	26M5D1D	3.12M	4.178M
802.11ac VHT40_Nss1,(MCS0)_2TX	34.98M	58.831M	58M8D1D	3.14M	17.251M
802.11ac VHT80_Nss1,(MCS0)_2TX	75.12M	76.522M	76M5D1D	3.14M	29.805M

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

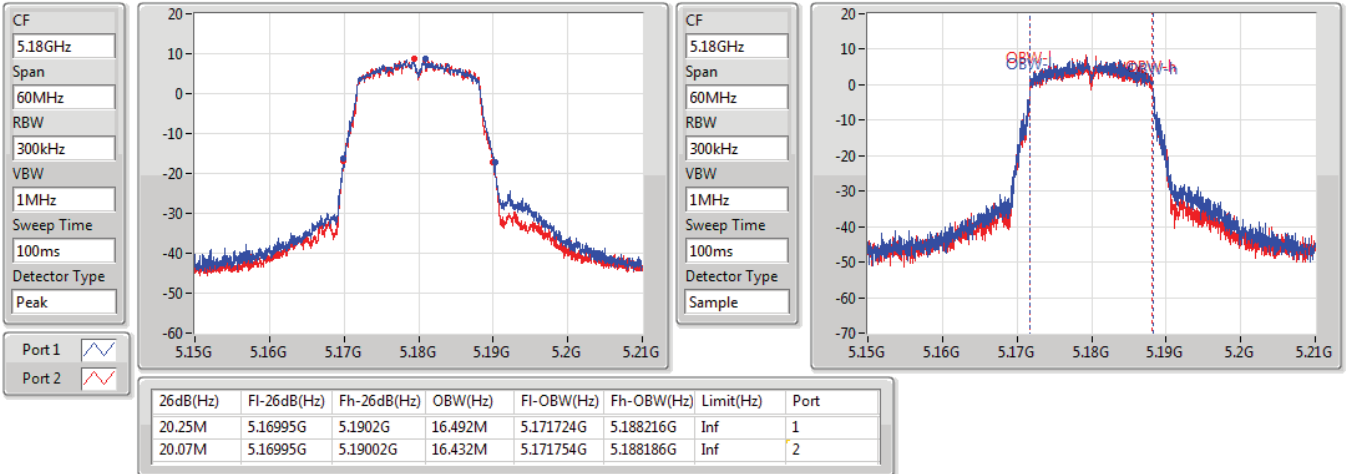
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.25M	16.492M	20.07M	16.432M
5200MHz	Pass	Inf	20.58M	16.552M	20.52M	16.552M
5240MHz	Pass	Inf	20.37M	16.522M	20.43M	16.462M
5260MHz	Pass	Inf	20.46M	16.522M	20.4M	16.492M
5300MHz	Pass	Inf	20.52M	16.582M	20.49M	16.462M
5320MHz	Pass	Inf	20.25M	16.492M	19.92M	16.432M
5500MHz	Pass	Inf	20.28M	16.5M	20.07M	16.47M
5580MHz	Pass	Inf	20.22M	16.462M	20.25M	16.462M
5700MHz	Pass	Inf	20.37M	16.462M	20.04M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.075M	13.268M	14.94M	13.238M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.138M	3.14M	4.098M
5745MHz	Pass	500k	15.3M	28.726M	15.69M	29.625M
5785MHz	Pass	500k	15.09M	26.357M	15.6M	26.597M
5825MHz	Pass	500k	15.12M	25.277M	15.06M	24.618M
802.11ac_VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.37M	17.601M	20.28M	17.631M
5200MHz	Pass	Inf	20.85M	17.631M	20.43M	17.721M
5240MHz	Pass	Inf	20.58M	17.631M	20.46M	17.661M
5260MHz	Pass	Inf	20.55M	17.631M	20.58M	17.661M
5300MHz	Pass	Inf	20.64M	17.631M	20.79M	17.691M
5320MHz	Pass	Inf	20.4M	17.64M	20.4M	17.58M
5500MHz	Pass	Inf	20.4M	17.571M	20.31M	17.541M
5580MHz	Pass	Inf	20.34M	17.571M	20.34M	17.661M
5700MHz	Pass	Inf	20.34M	17.601M	20.37M	17.601M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.045M	13.808M	15.165M	13.838M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.278M	3.12M	4.178M
5745MHz	Pass	500k	15.12M	25.187M	16.89M	26.027M
5785MHz	Pass	500k	15.12M	25.127M	15.12M	26.507M
5825MHz	Pass	500k	15.12M	23.298M	15.09M	22.399M
802.11ac_VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.92M	36.162M	40.26M	36.162M
5230MHz	Pass	Inf	67.2M	36.54M	65.52M	36.66M
5270MHz	Pass	Inf	64.32M	36.582M	68.46M	36.522M
5310MHz	Pass	Inf	41.28M	36.102M	40.2M	36.162M
5510MHz	Pass	Inf	40.68M	36.102M	40.08M	36.162M
5550MHz	Pass	Inf	60.6M	36.402M	48.18M	36.522M
5670MHz	Pass	Inf	41.58M	36.162M	40.62M	36.282M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	47.95M	32.989M	47.775M	32.954M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	17.471M	3.14M	17.251M
5755MHz	Pass	500k	33.84M	45.877M	34.98M	47.196M
5795MHz	Pass	500k	32.58M	58.711M	32.58M	58.831M
802.11ac_VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.88M	75.922M	80.88M	75.922M
5290MHz	Pass	Inf	81M	75.562M	81.12M	75.922M
5530MHz	Pass	Inf	80.88M	75.922M	80.4M	75.802M
5610MHz	Pass	Inf	81.24M	75.682M	94.44M	76.162M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	106.575M	72.714M	97.725M	72.714M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	29.805M	3.14M	32.084M
5775MHz	Pass	500k	75.12M	76.522M	75.12M	76.402M

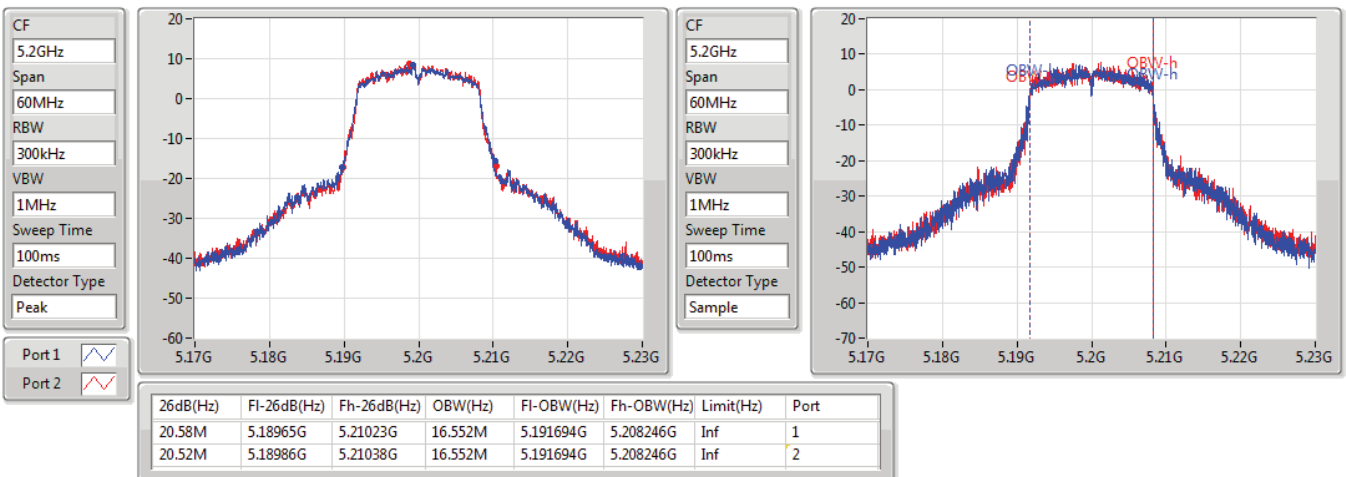
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

25/05/2021

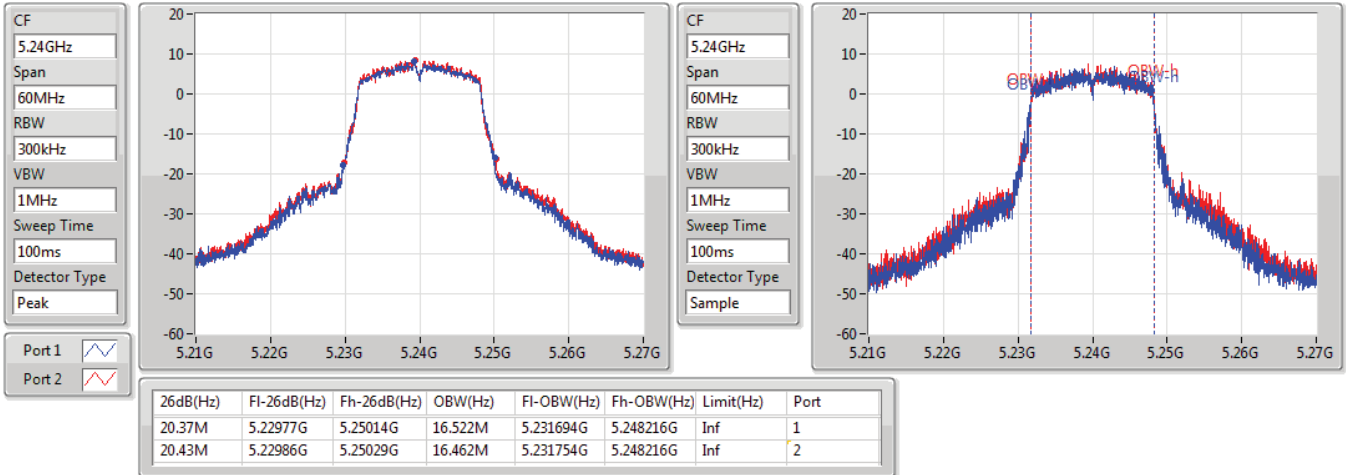

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

25/05/2021

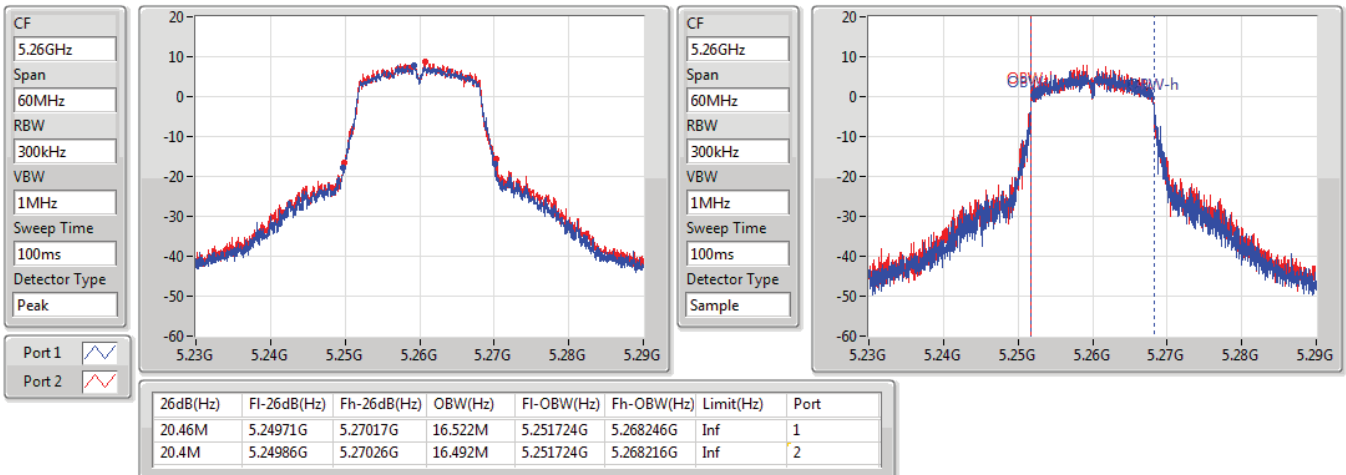


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

25/05/2021

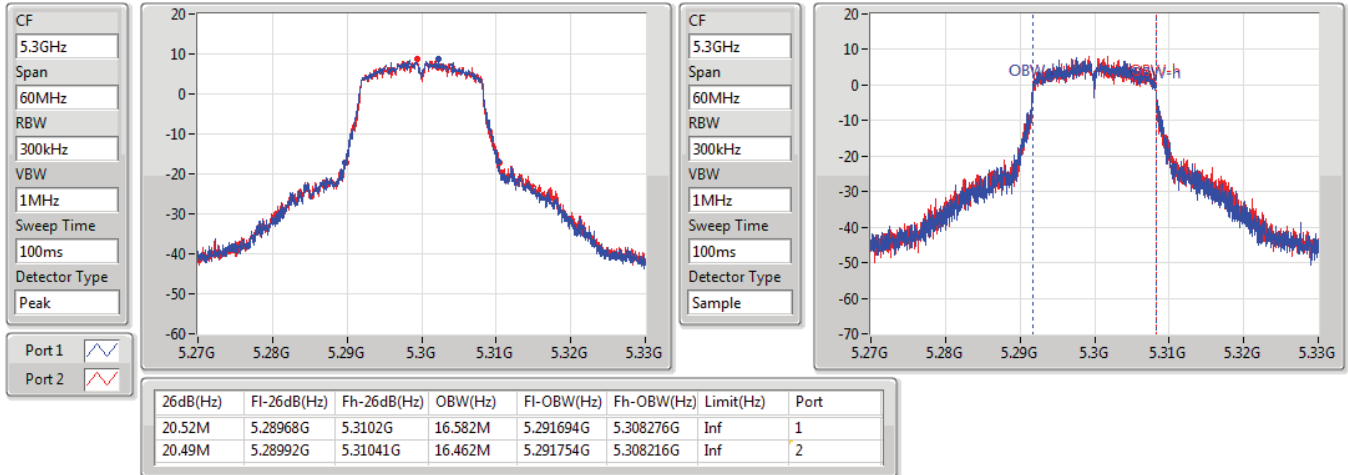

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

25/05/2021

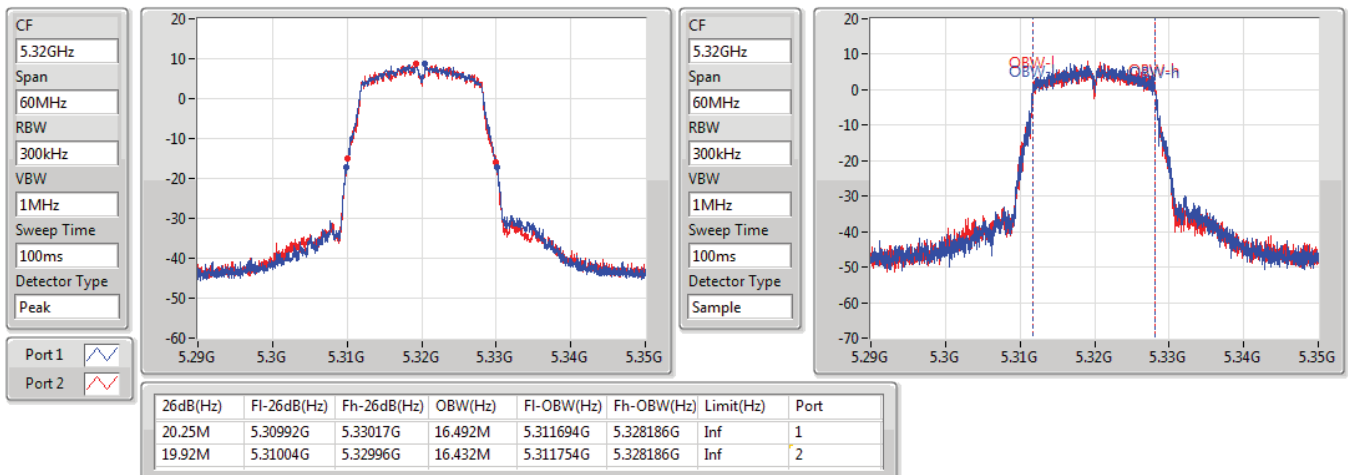


802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

25/05/2021

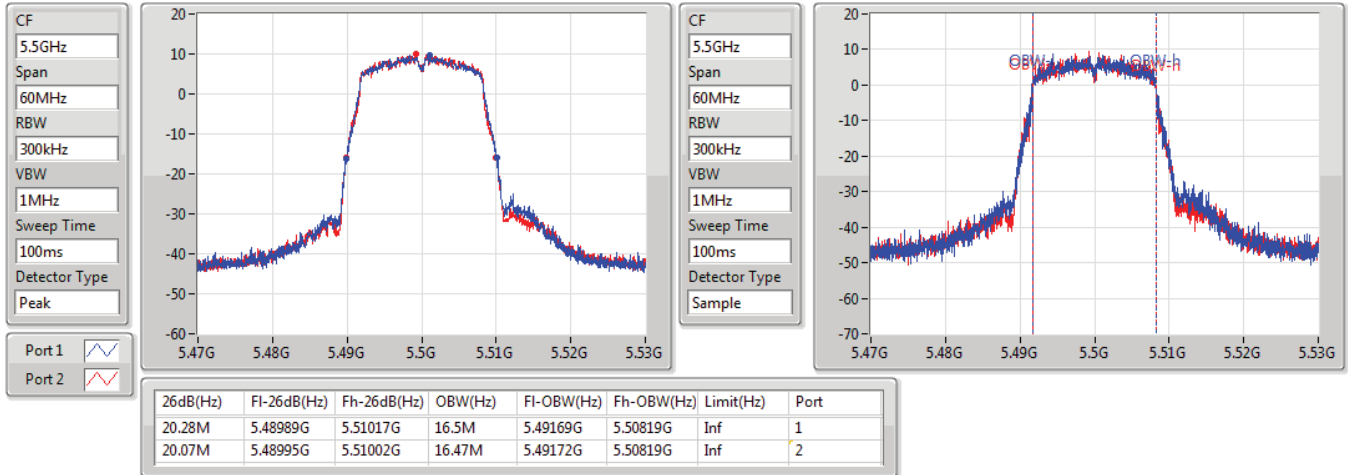

802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

25/05/2021

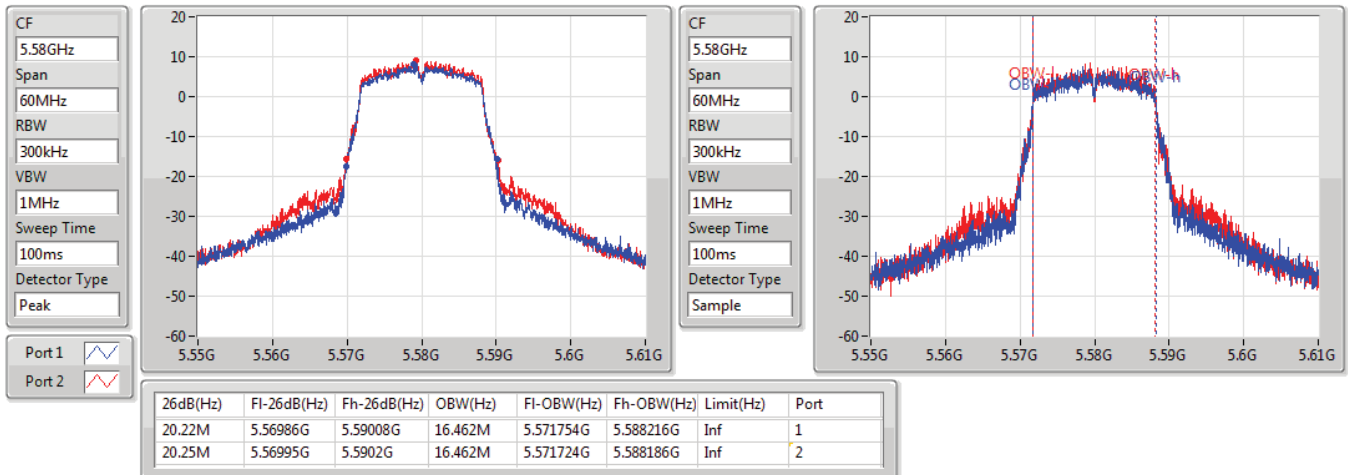


802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

27/04/2021

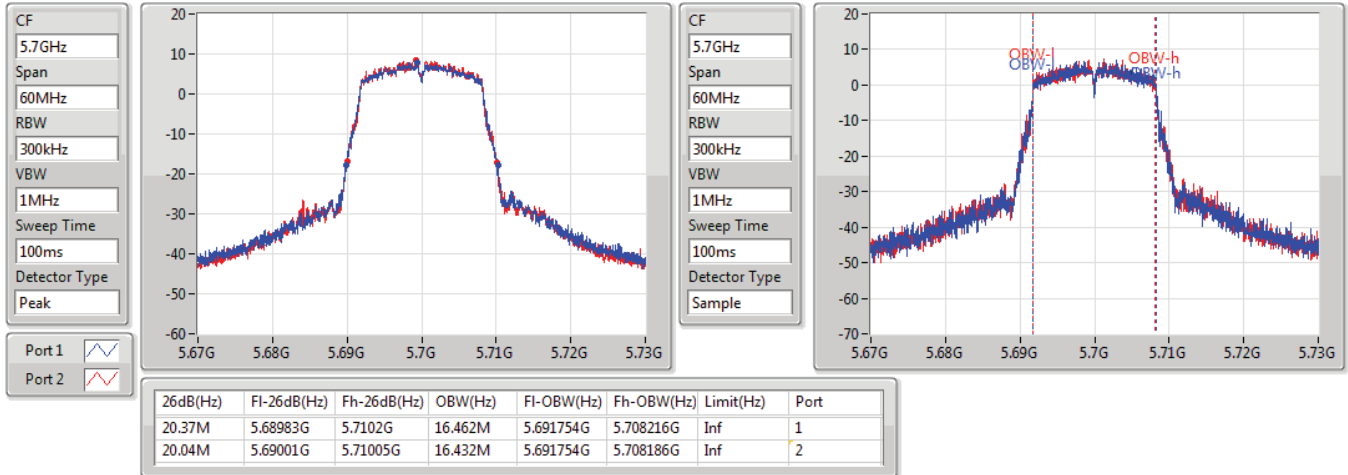

802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

25/05/2021

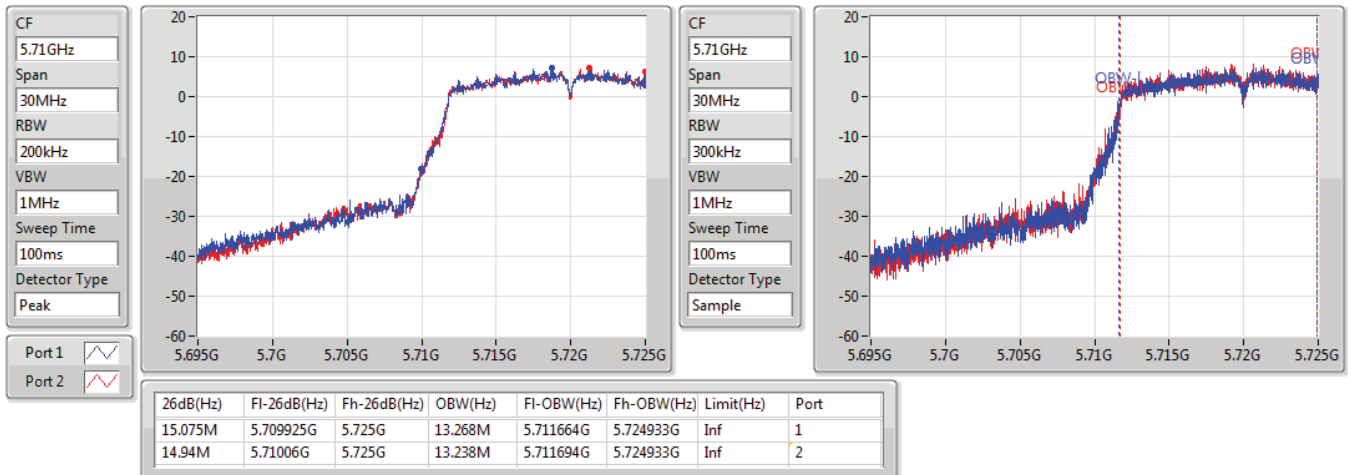


802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

17/06/2021


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

25/05/2021

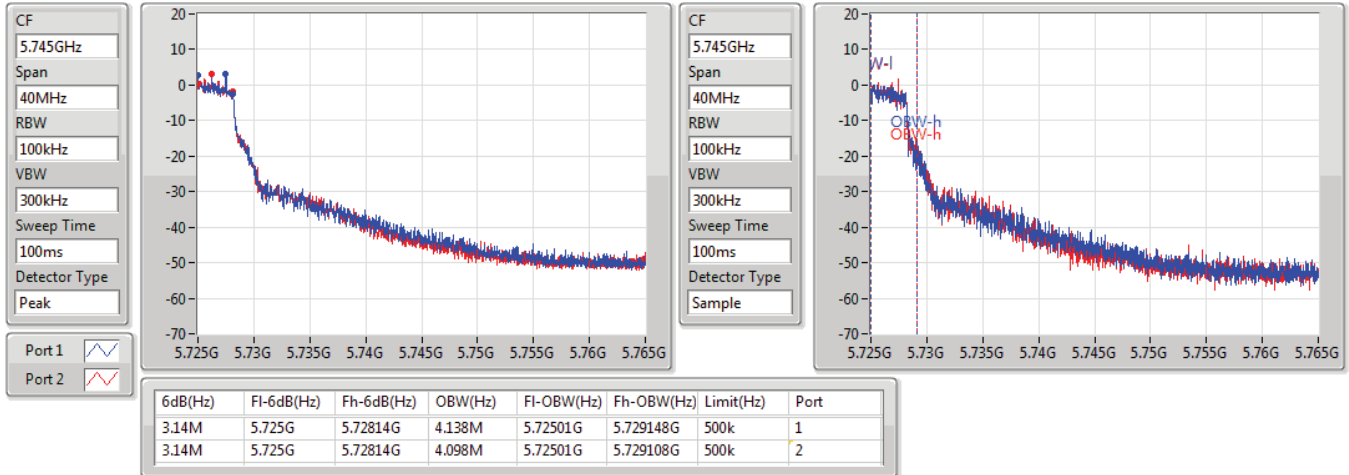


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/05/2021

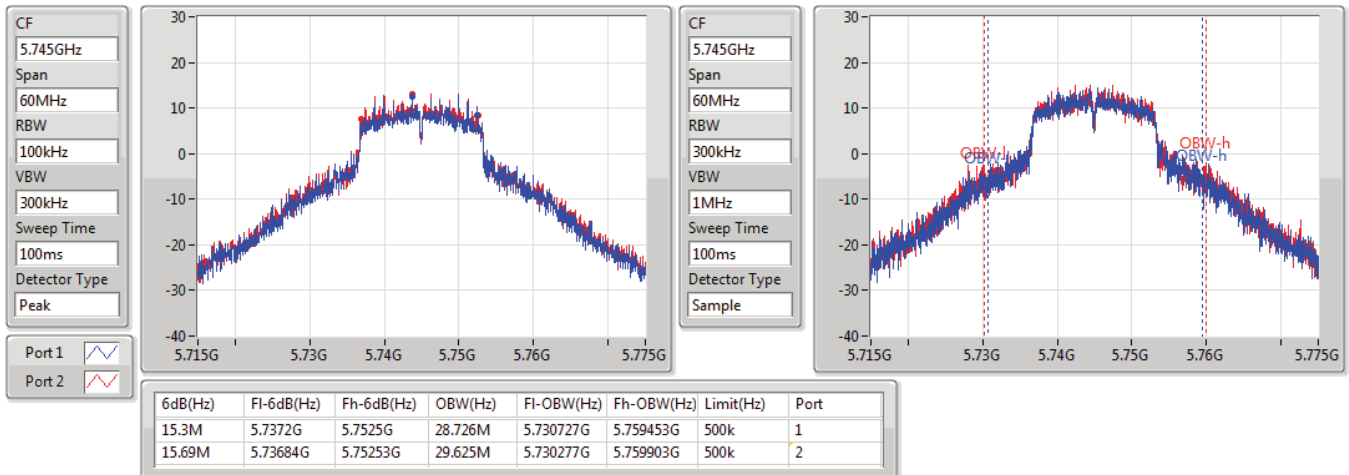


802.11a_Nss1,(6Mbps)_2TX

EBW

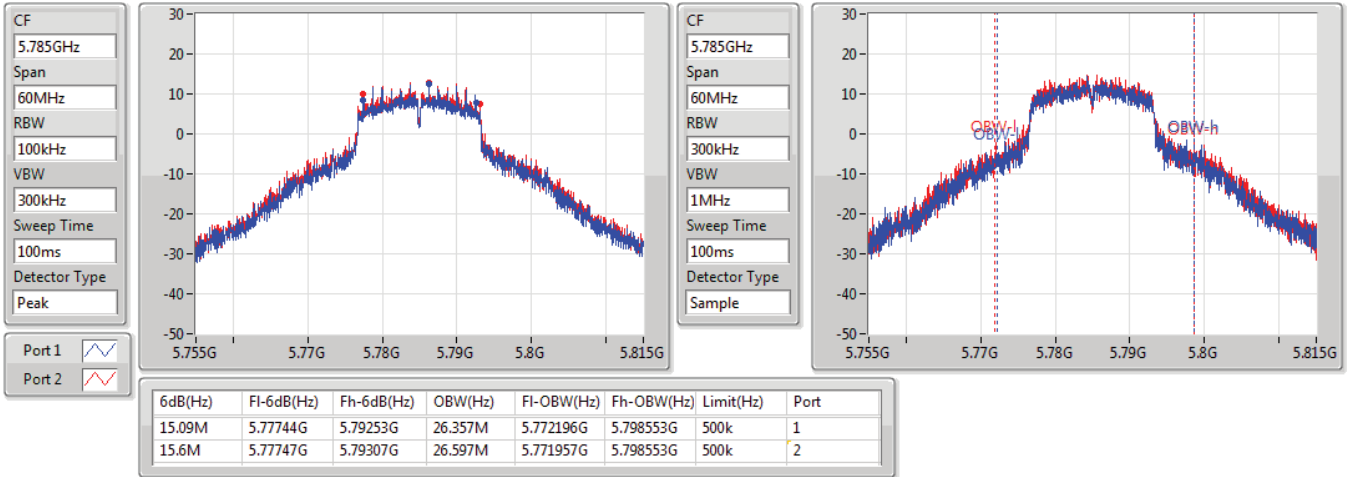
5745MHz

18/06/2021

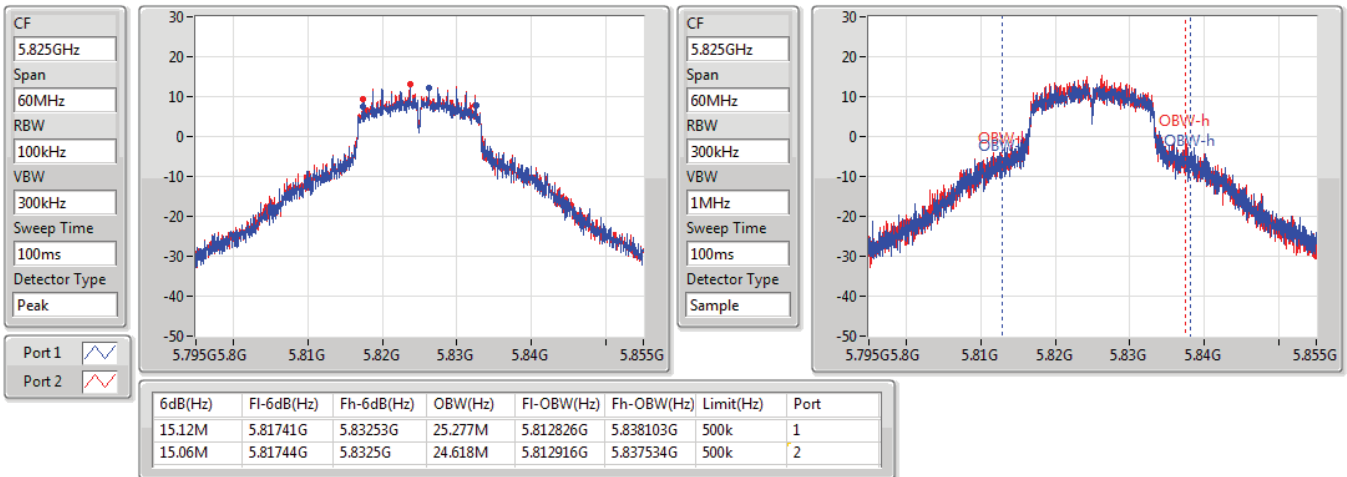


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

18/06/2021

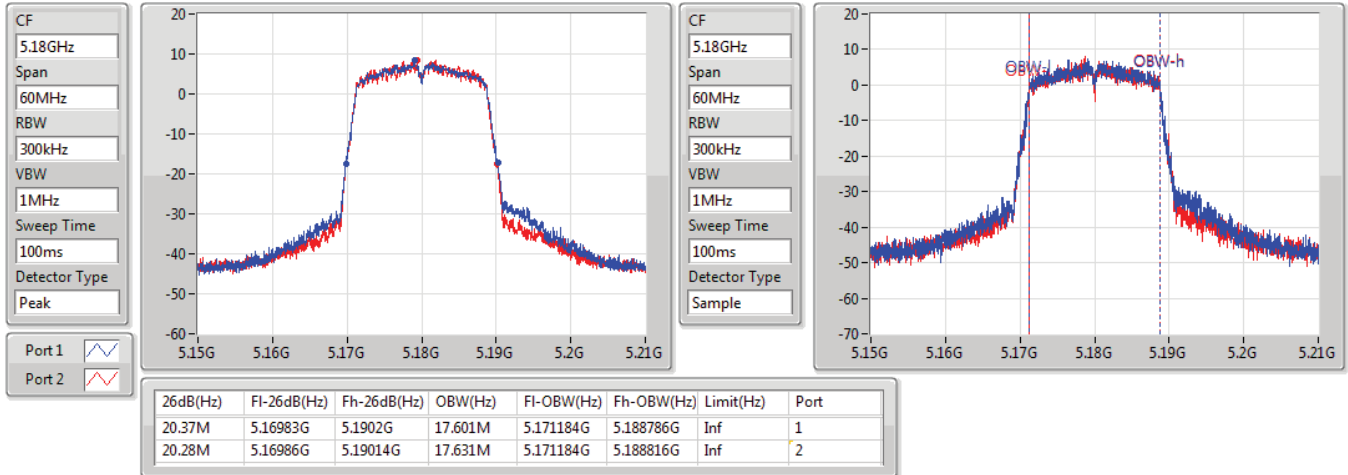

802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

18/06/2021

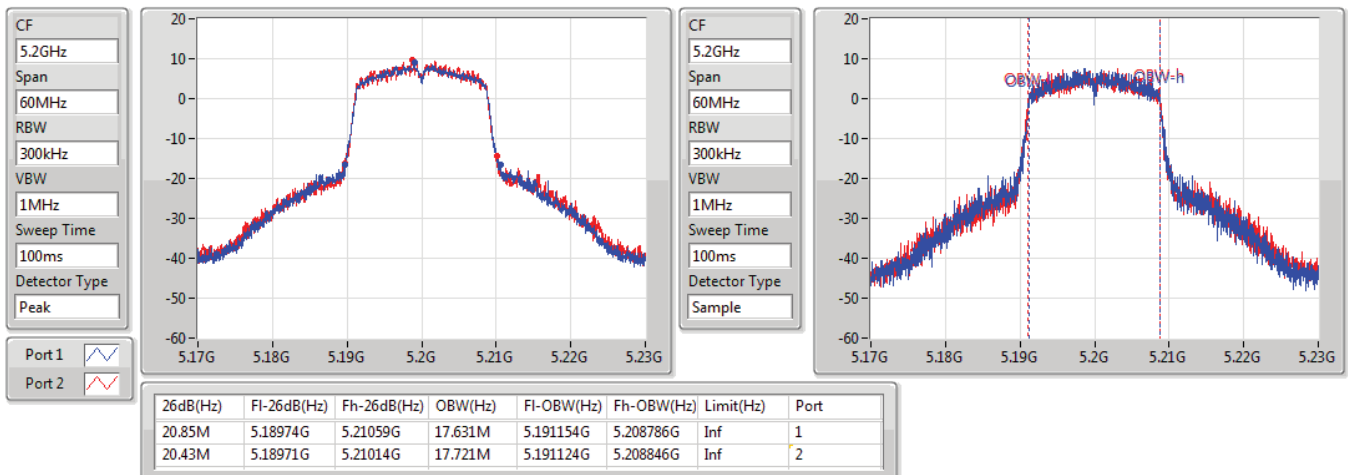


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5180MHz

17/06/2021

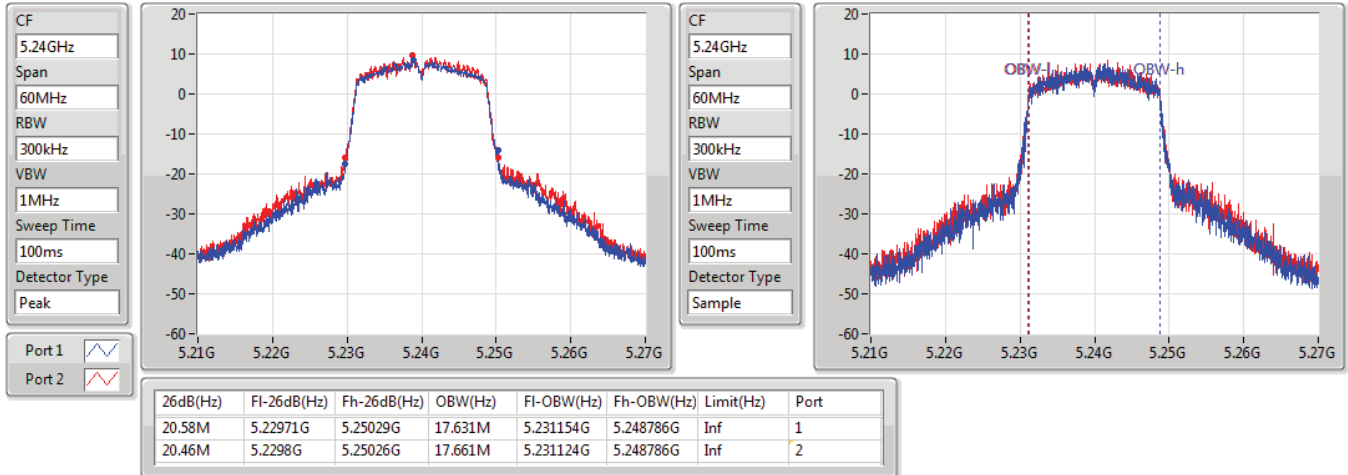

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5200MHz

25/05/2021

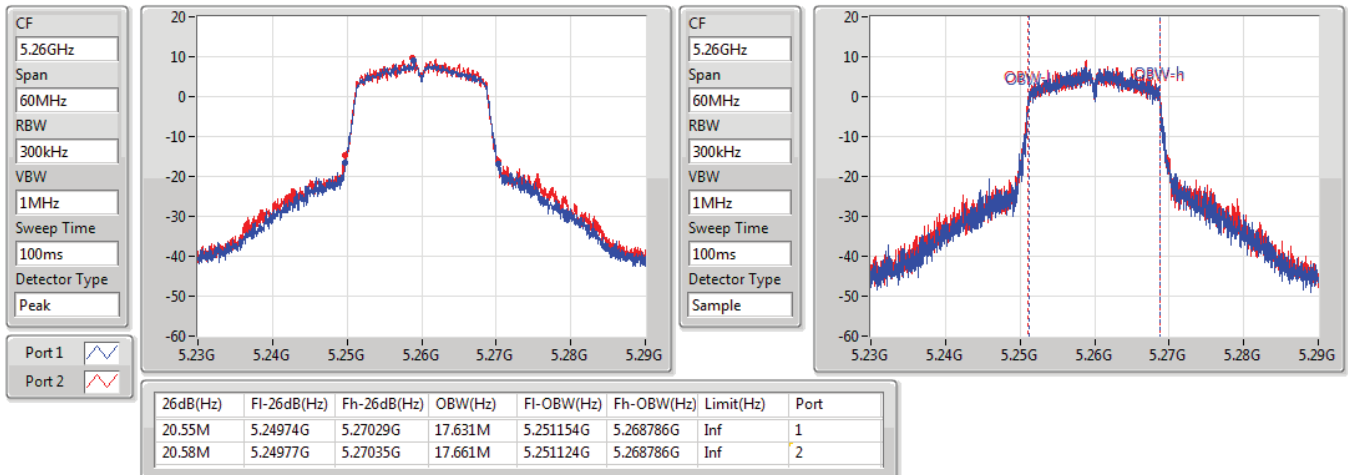


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5240MHz

25/05/2021

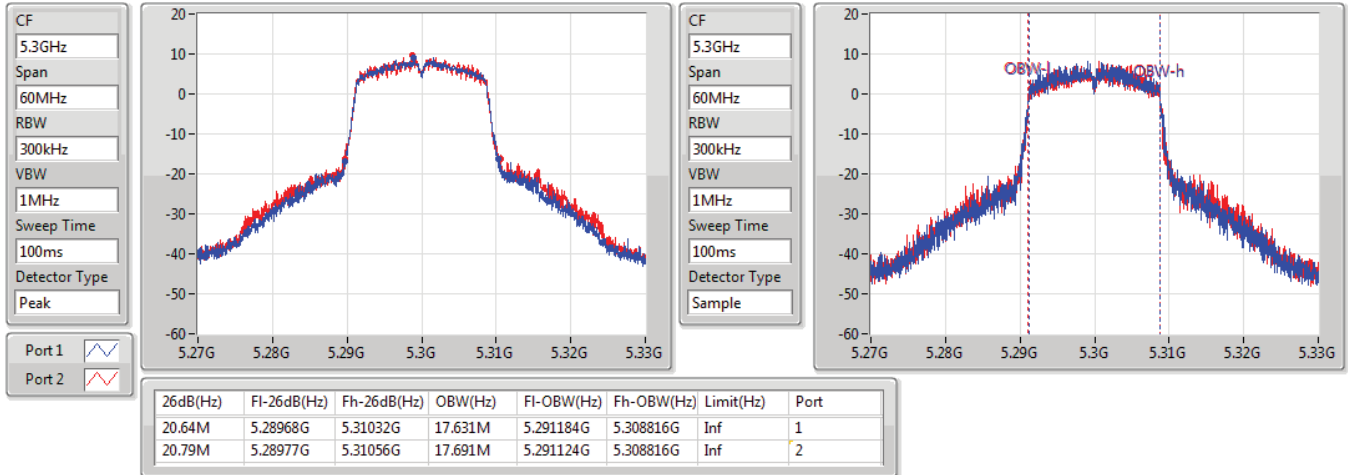

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

25/05/2021

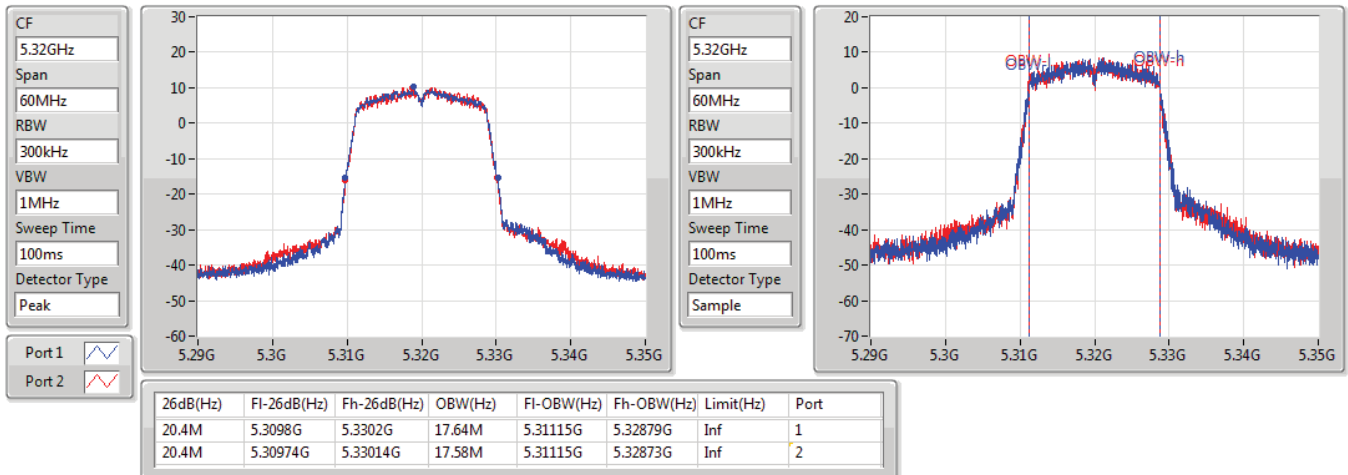


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

25/05/2021

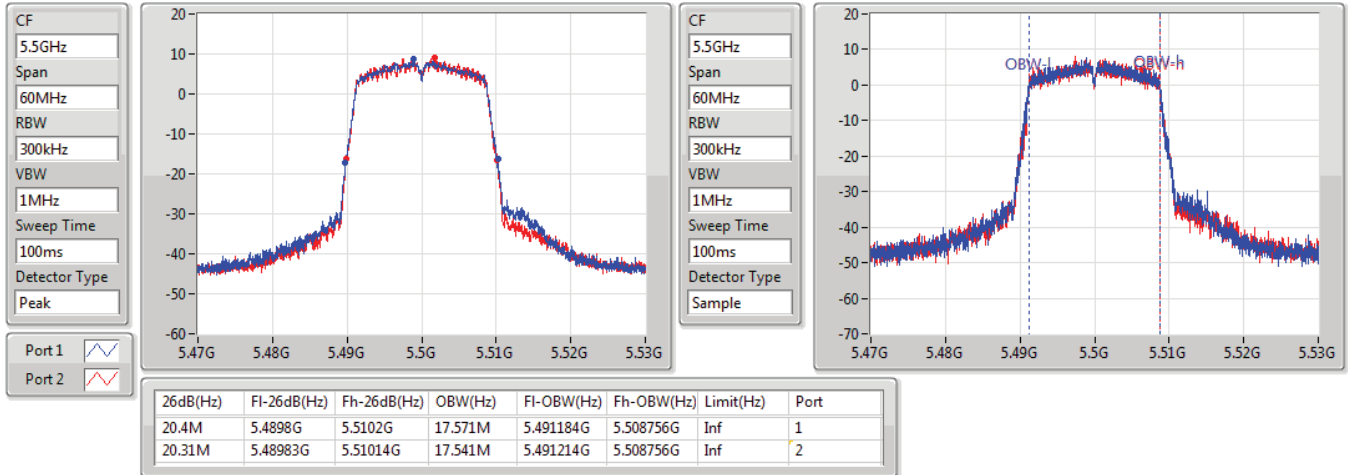

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

27/04/2021

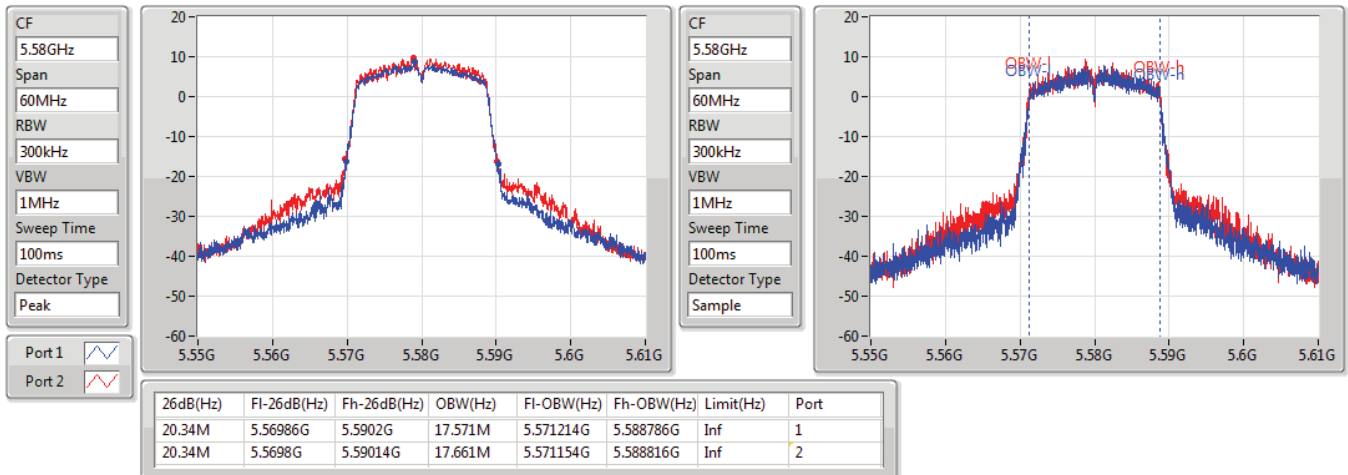


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5500MHz

25/05/2021

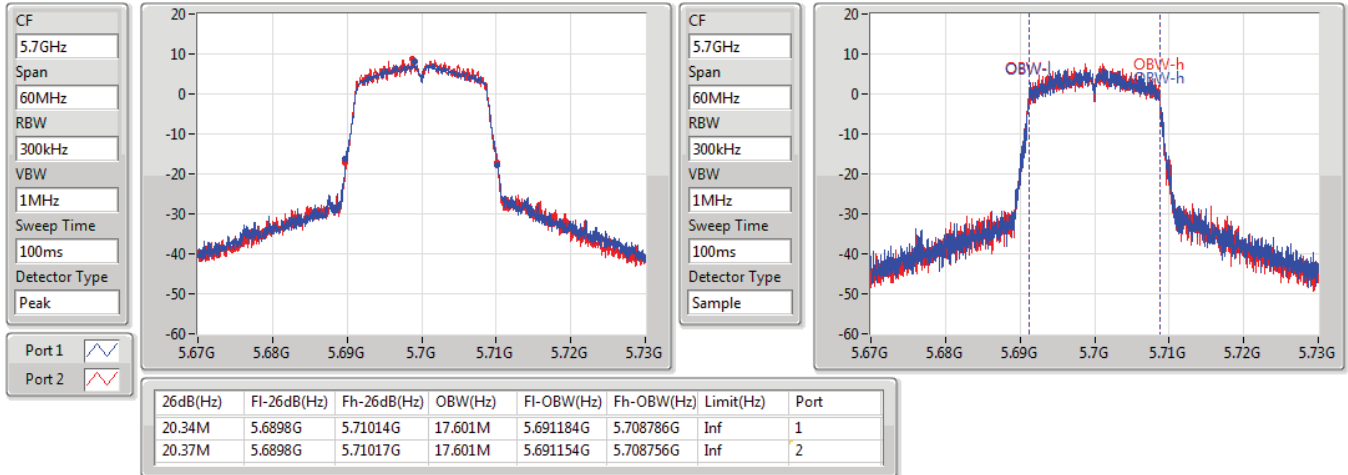

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5580MHz

25/05/2021

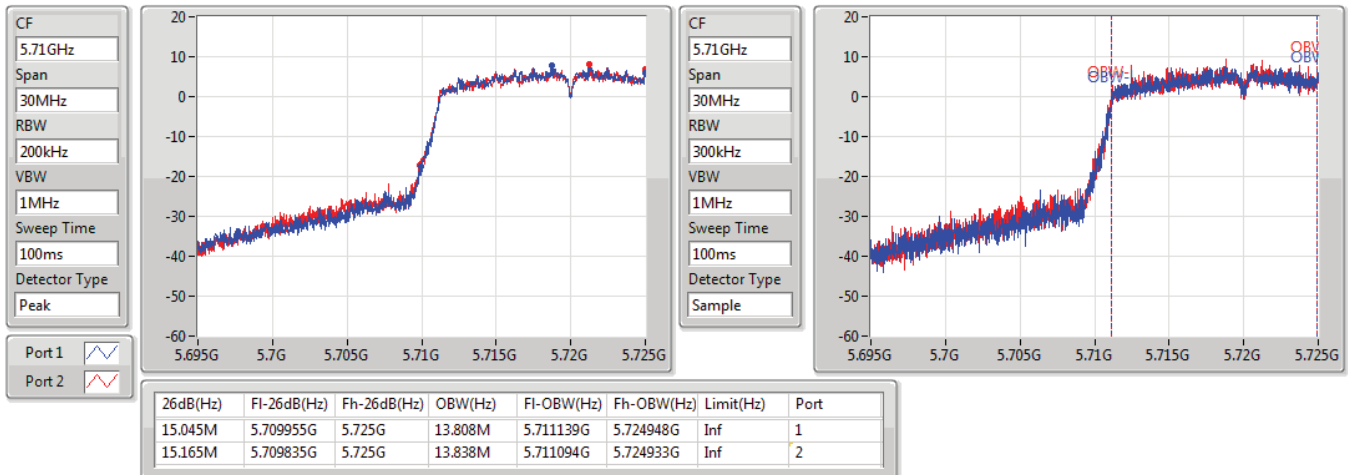


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5700MHz

25/05/2021

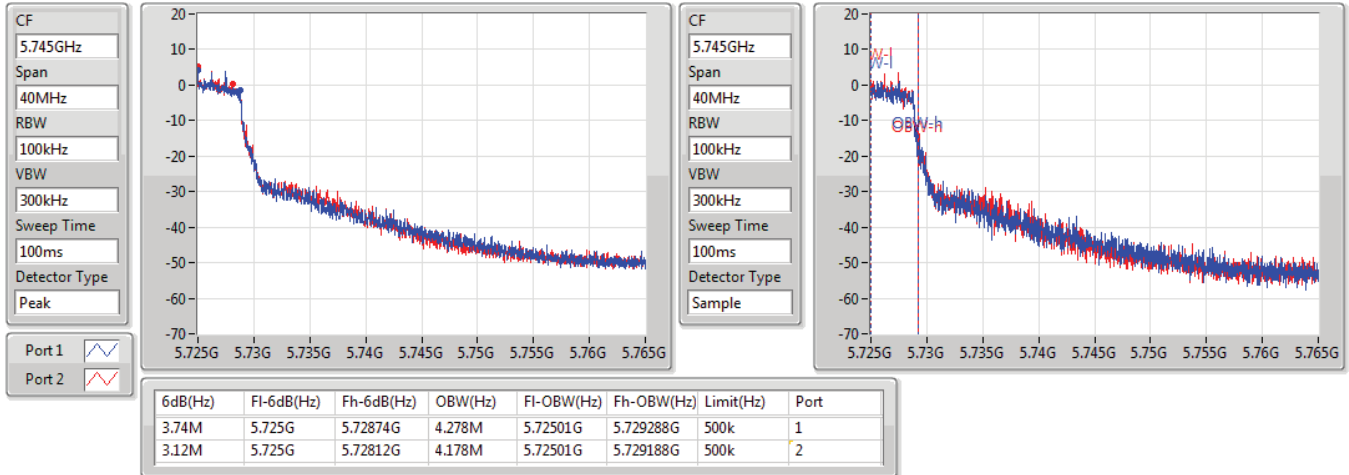

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

25/05/2021

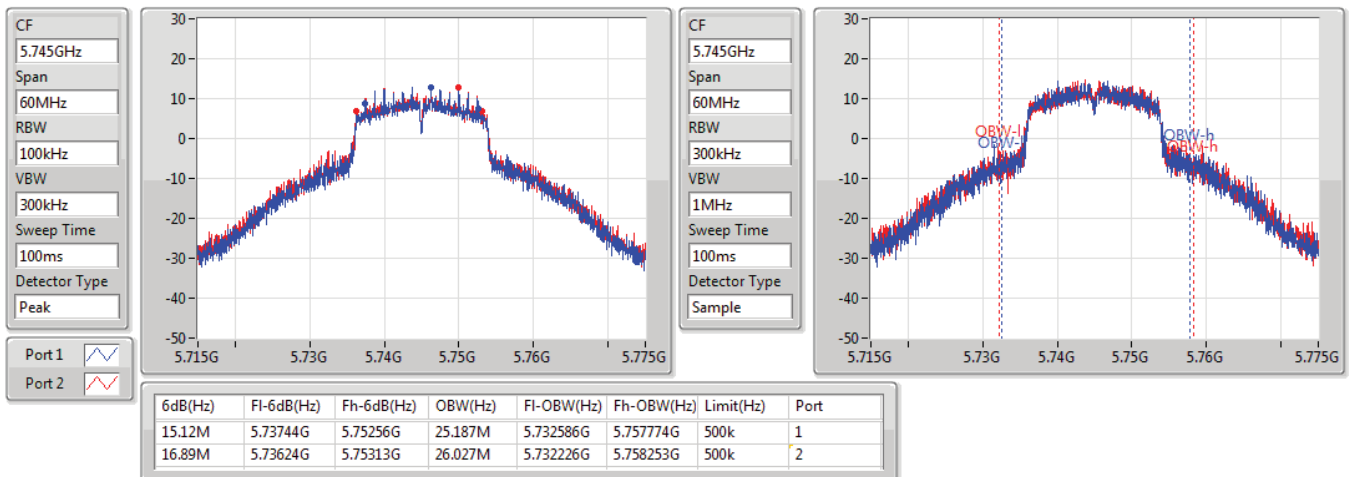


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

25/05/2021


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5745MHz

17/06/2021

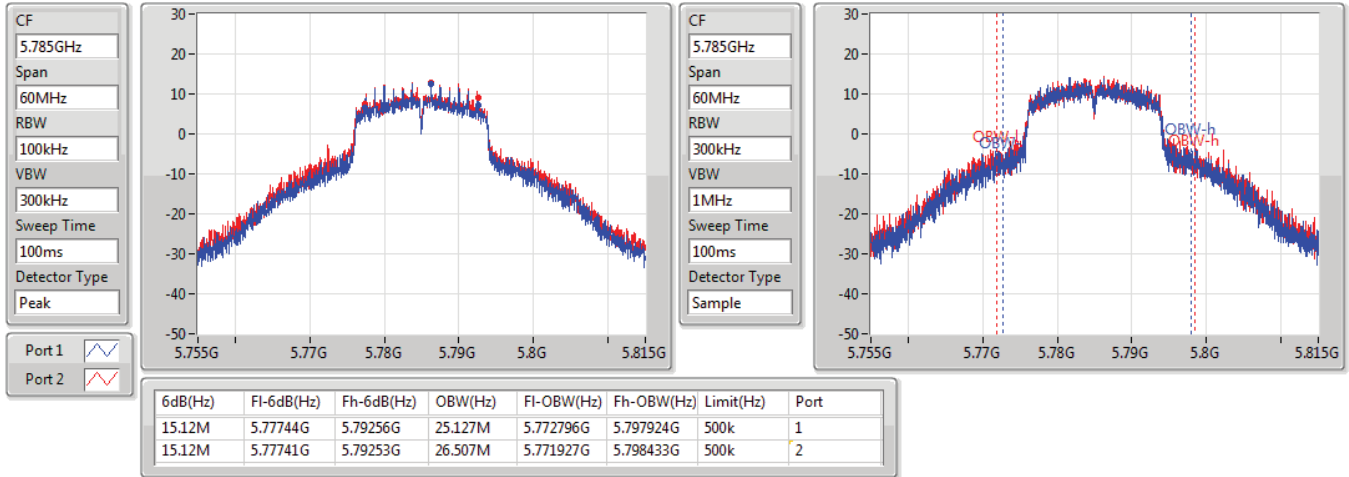


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5785MHz

17/06/2021

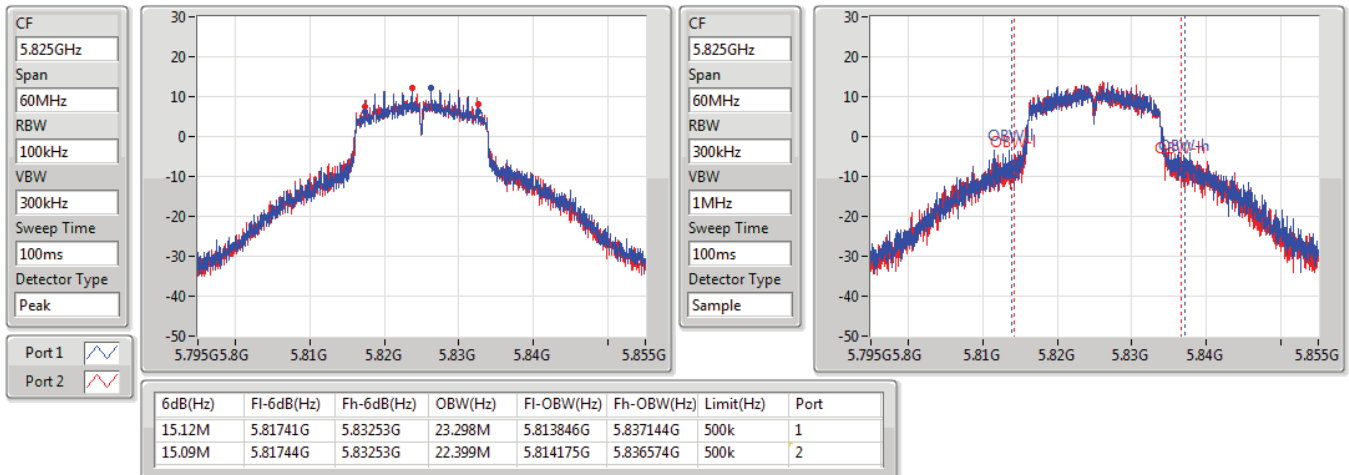


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

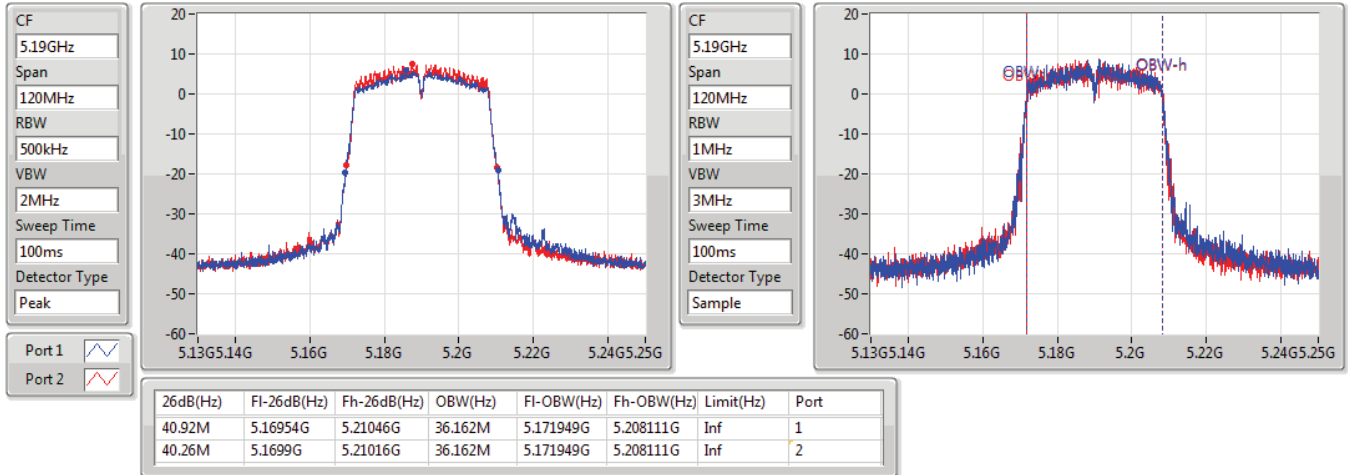
5825MHz

17/06/2021

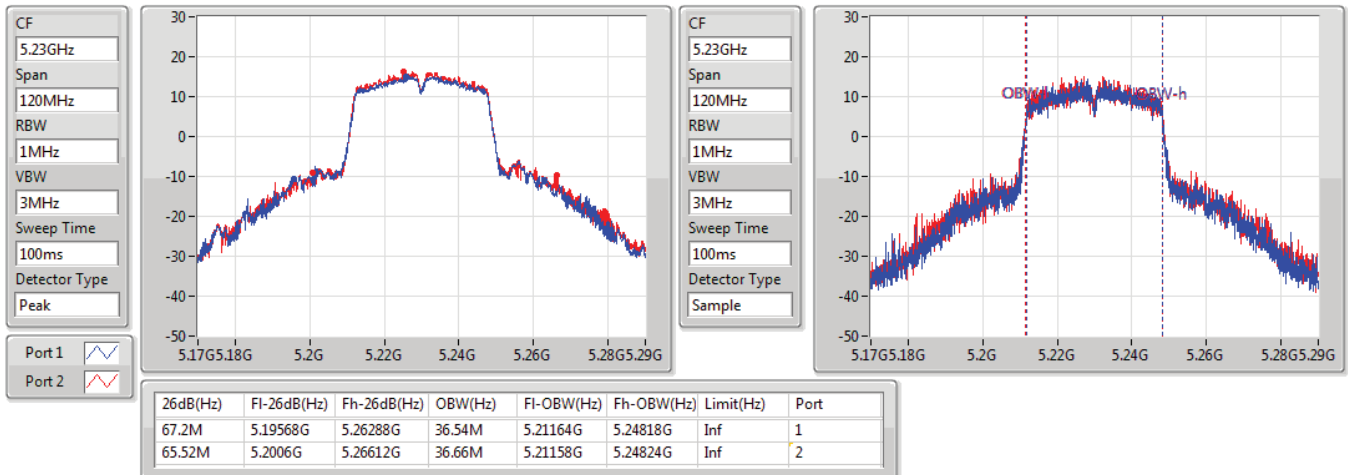


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5190MHz

25/05/2021

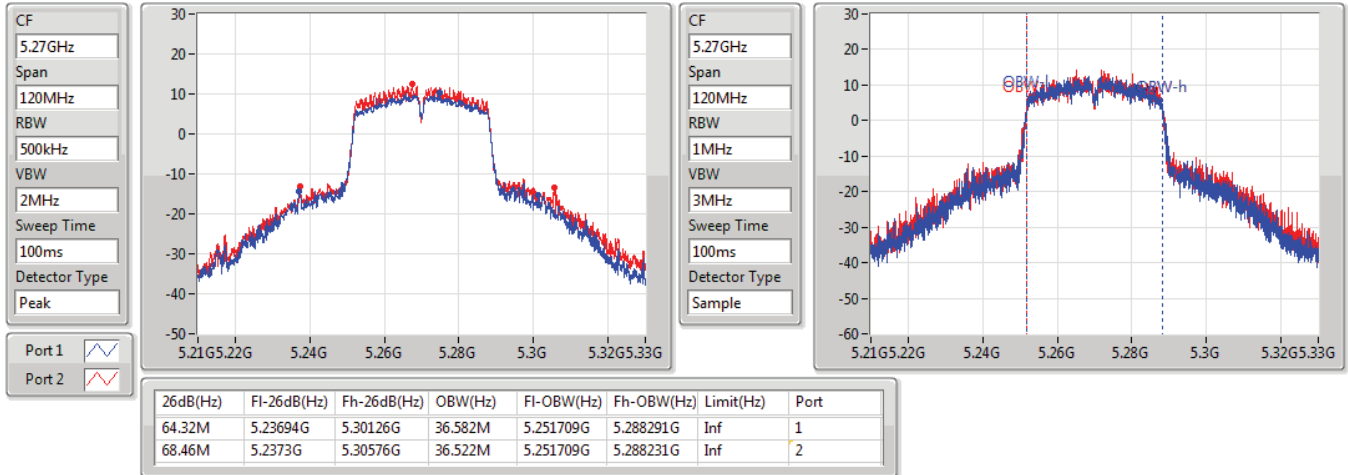

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5230MHz

27/04/2021

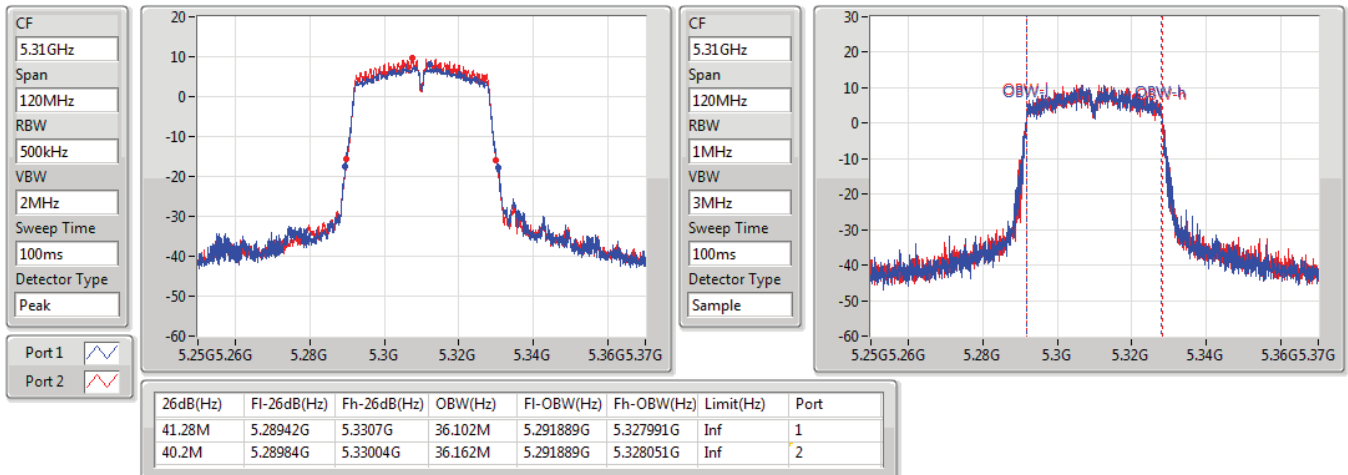


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

25/05/2021


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

18/06/2021

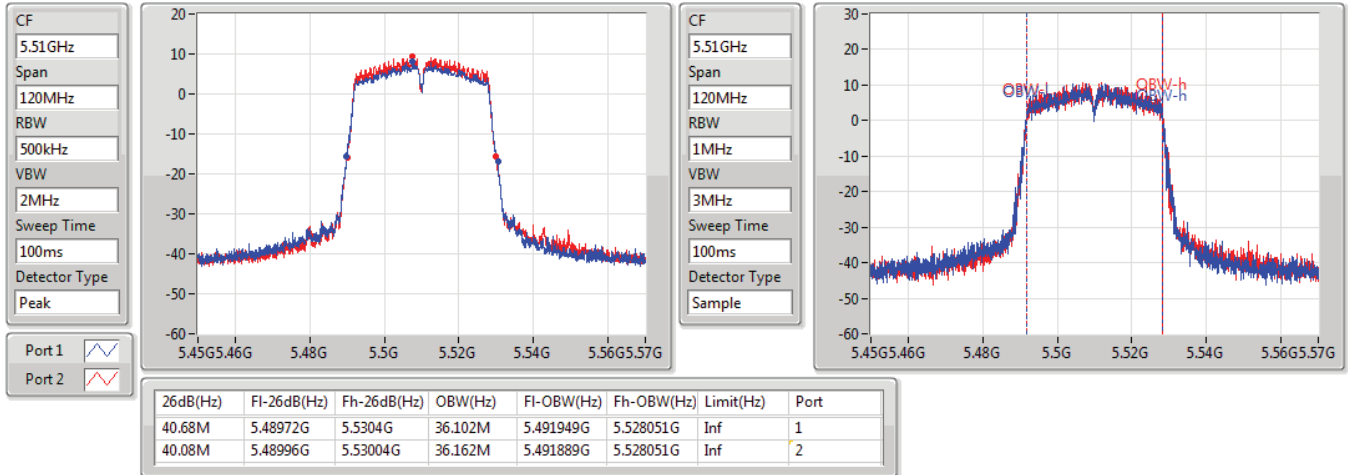


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

18/06/2021

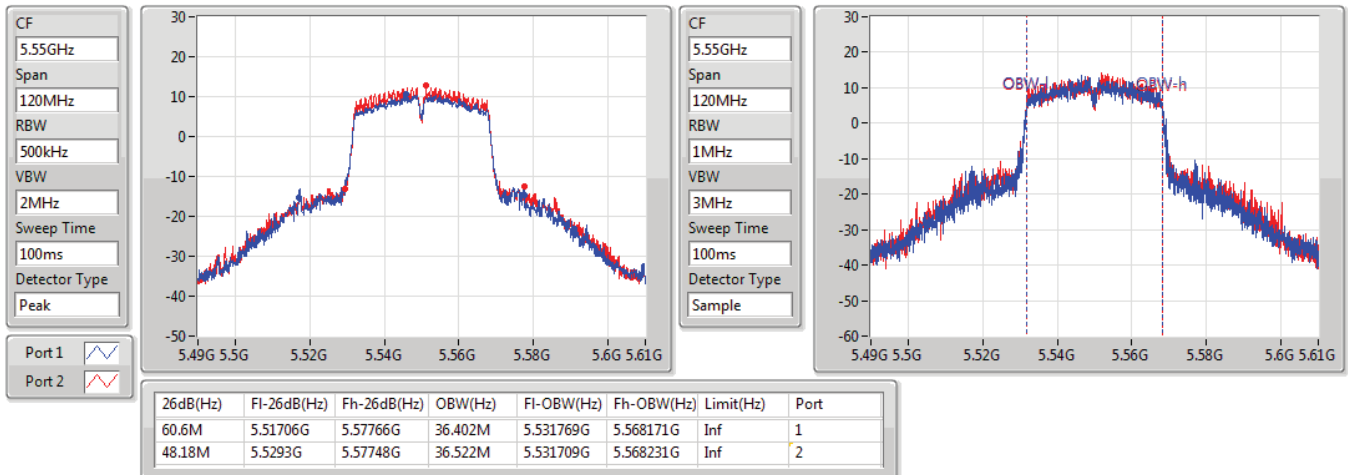


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

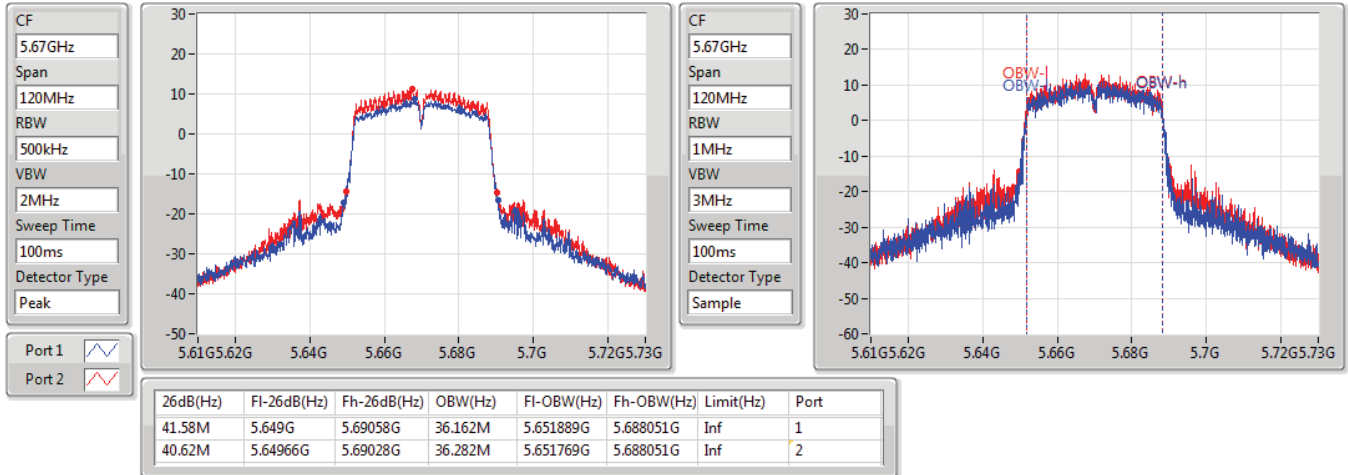
5550MHz

25/05/2021

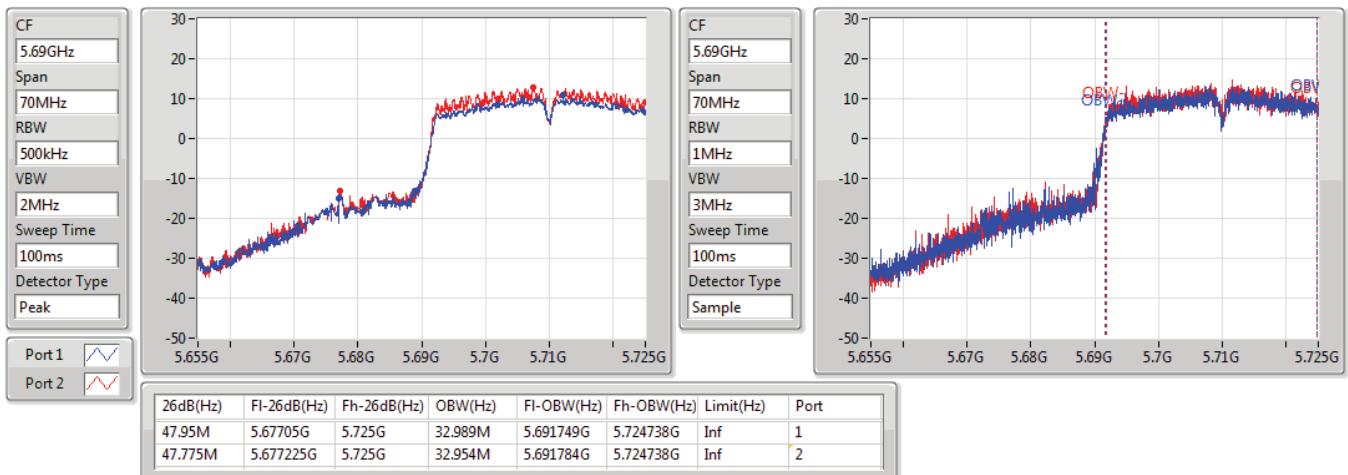


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5670MHz

25/05/2021

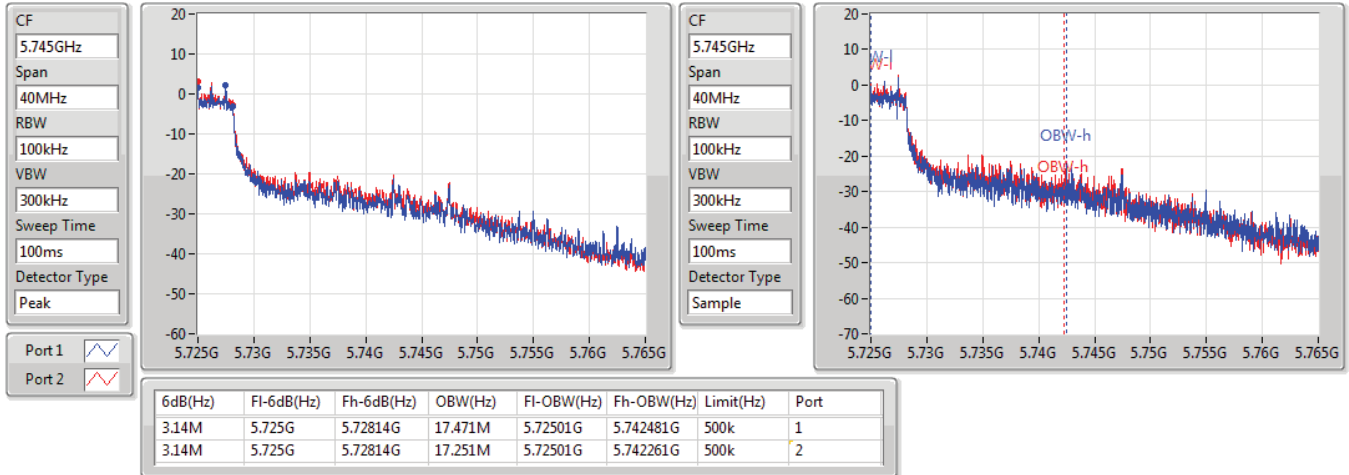

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

18/06/2021

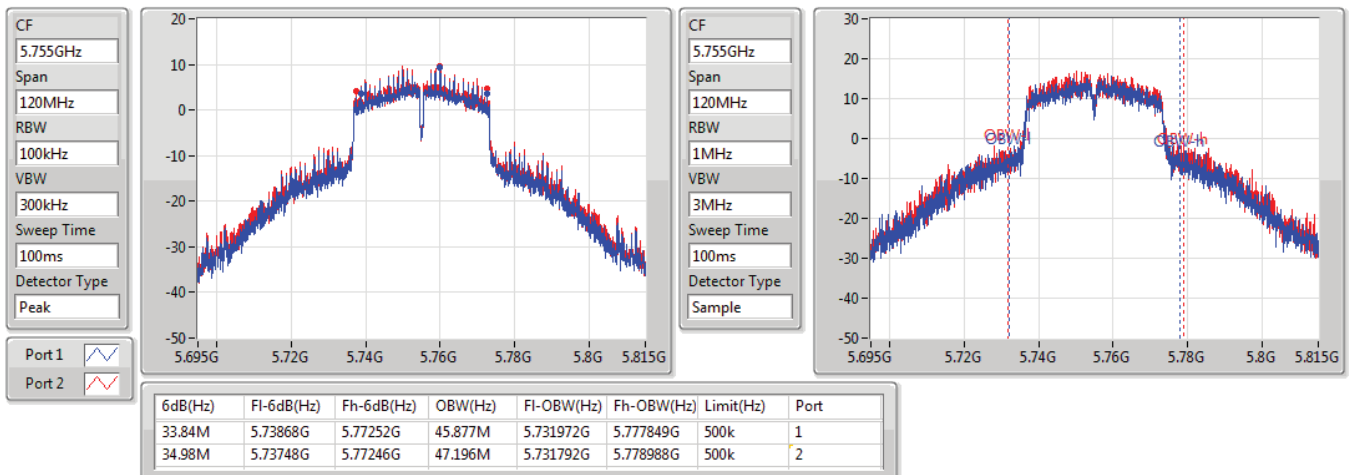


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

18/06/2021

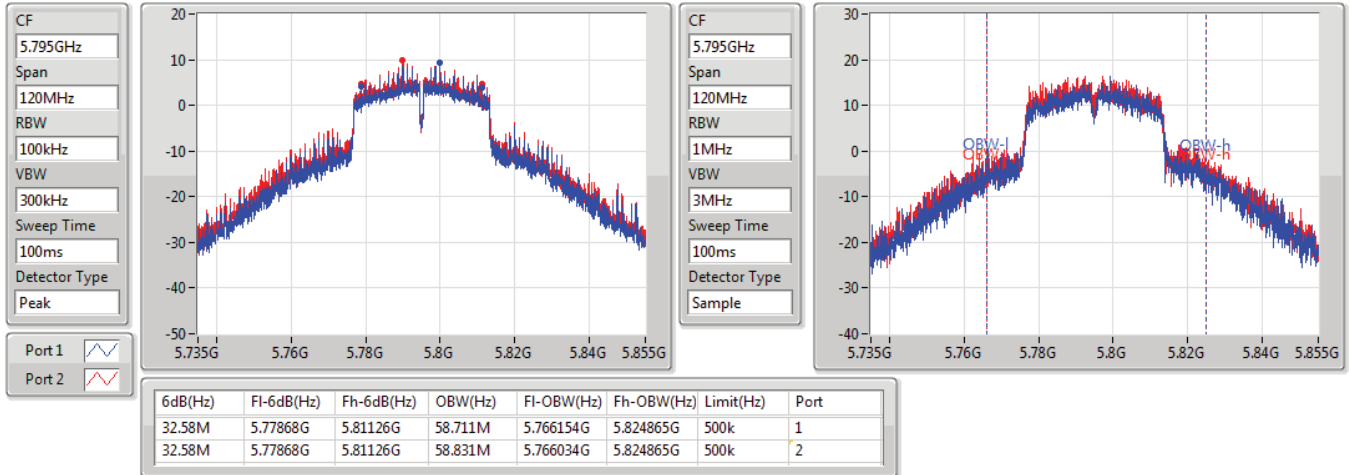

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5755MHz

18/06/2021

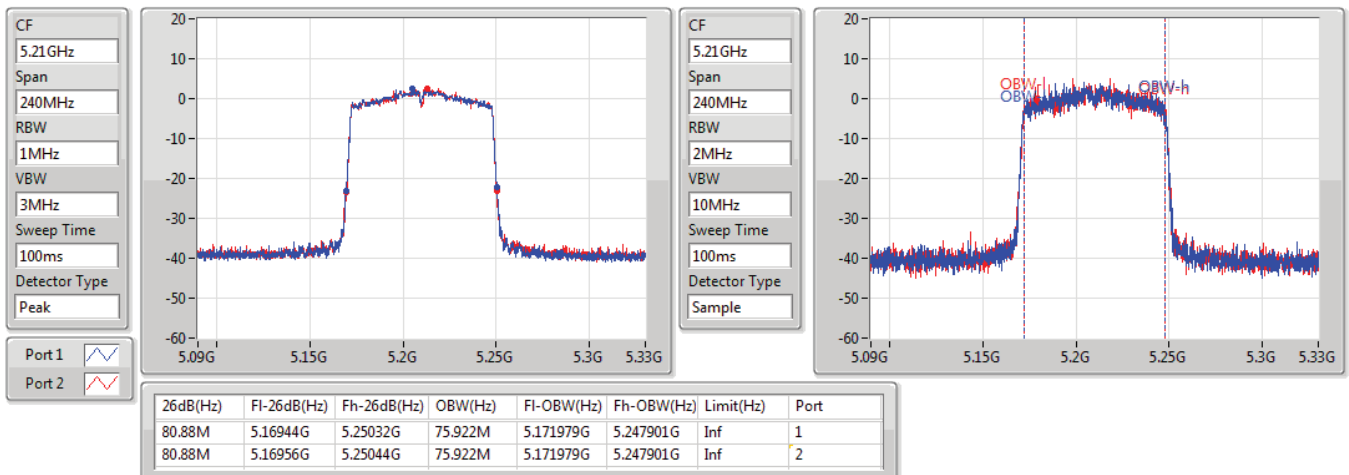


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5795MHz

18/06/2021

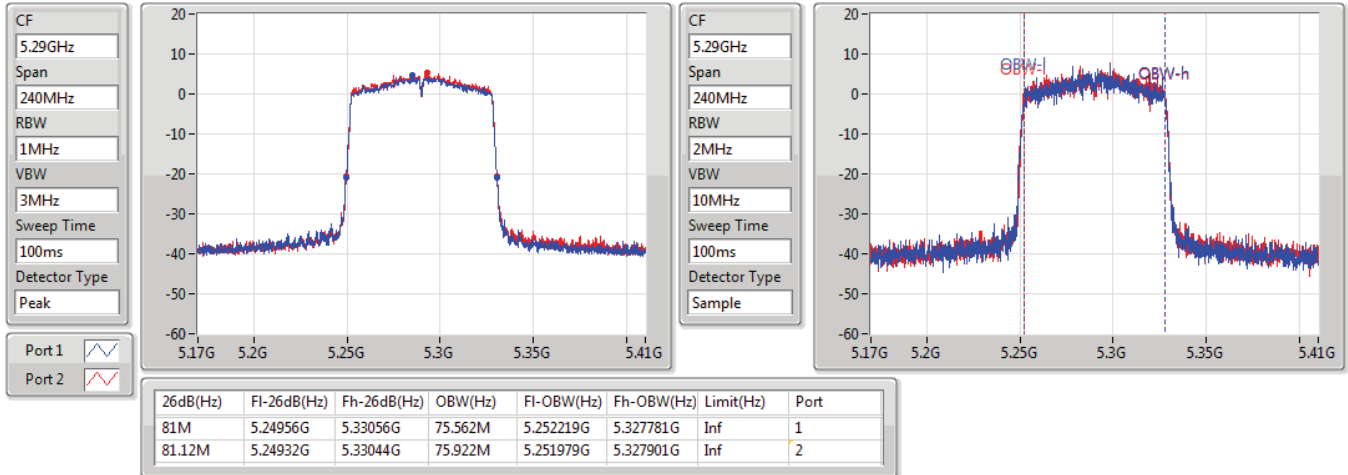

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5210MHz

18/06/2021

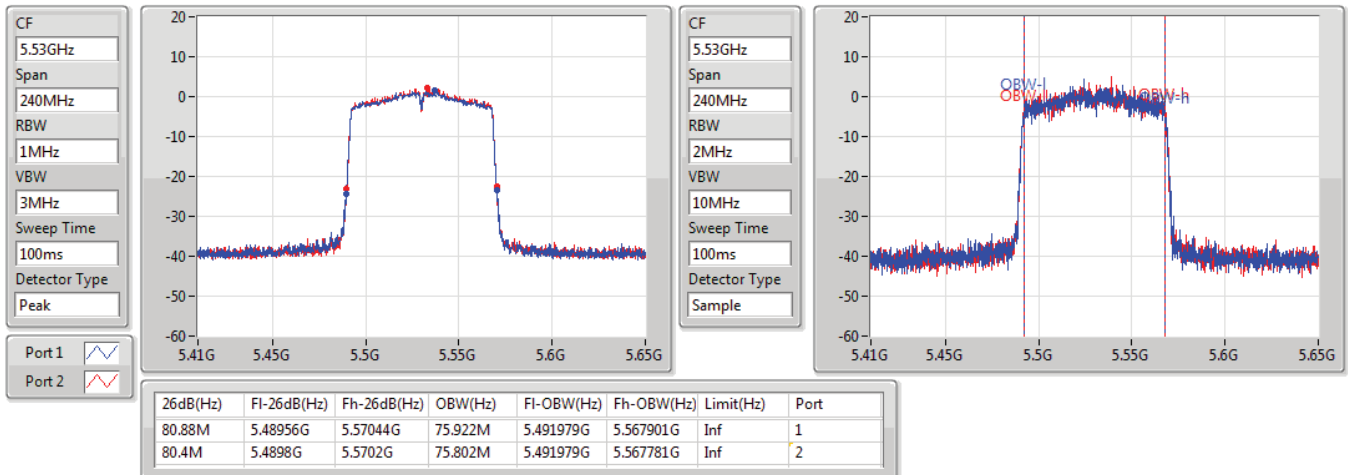


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

18/06/2021

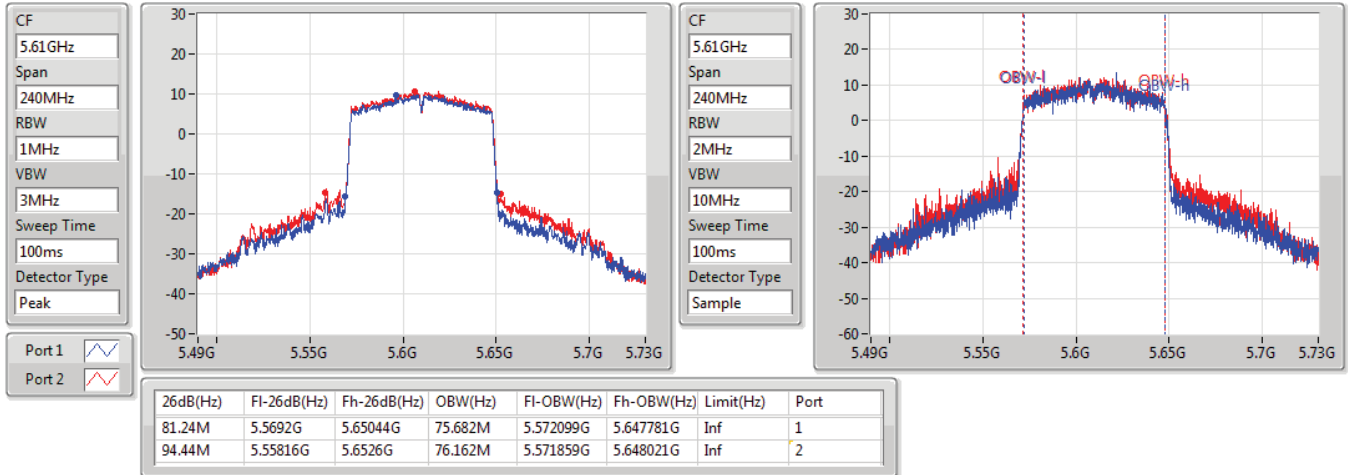

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

18/06/2021

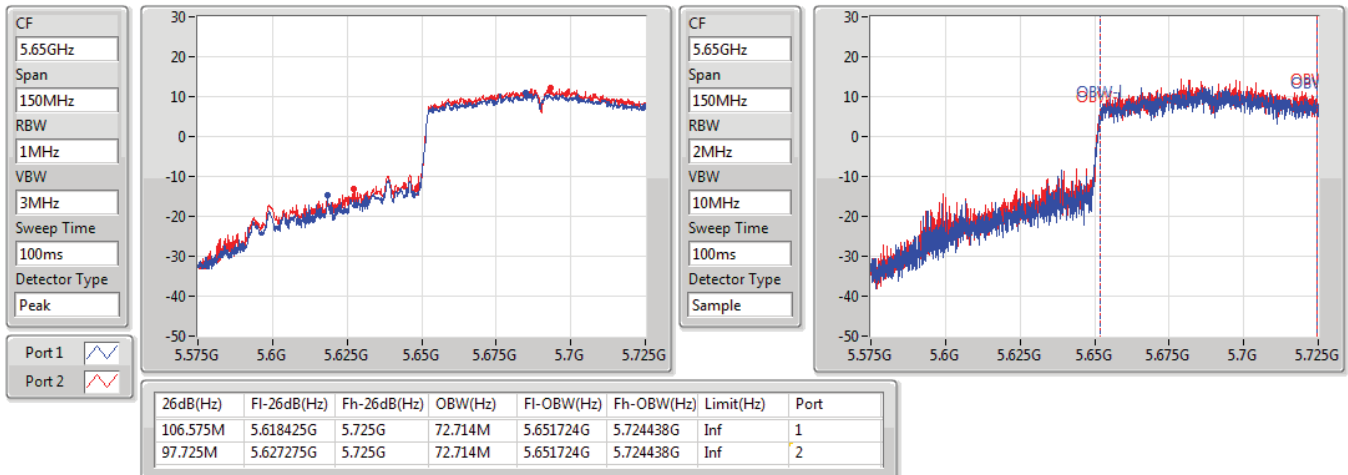


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

25/05/2021

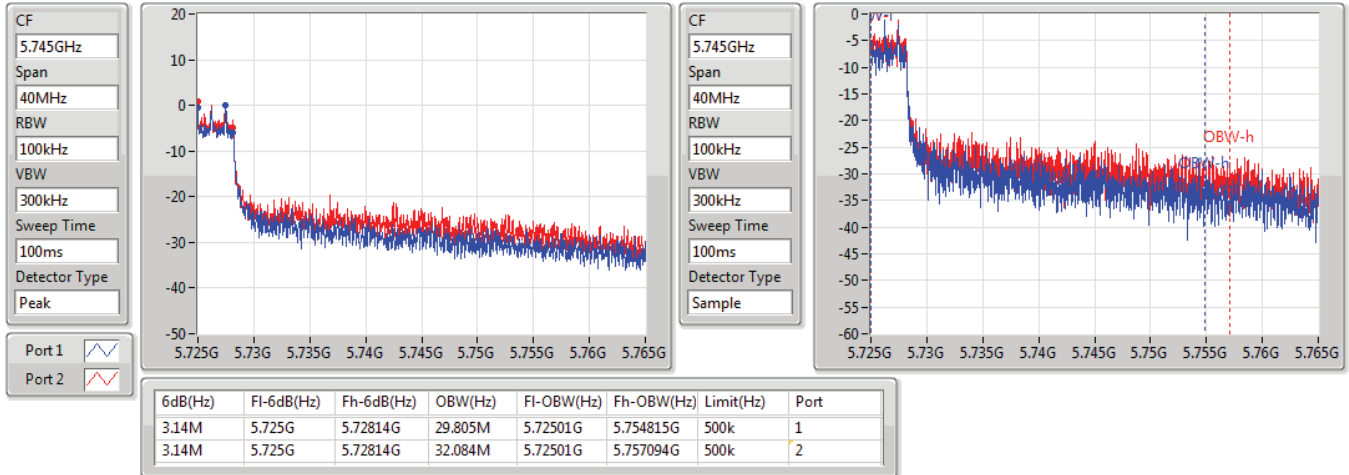

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

18/06/2021

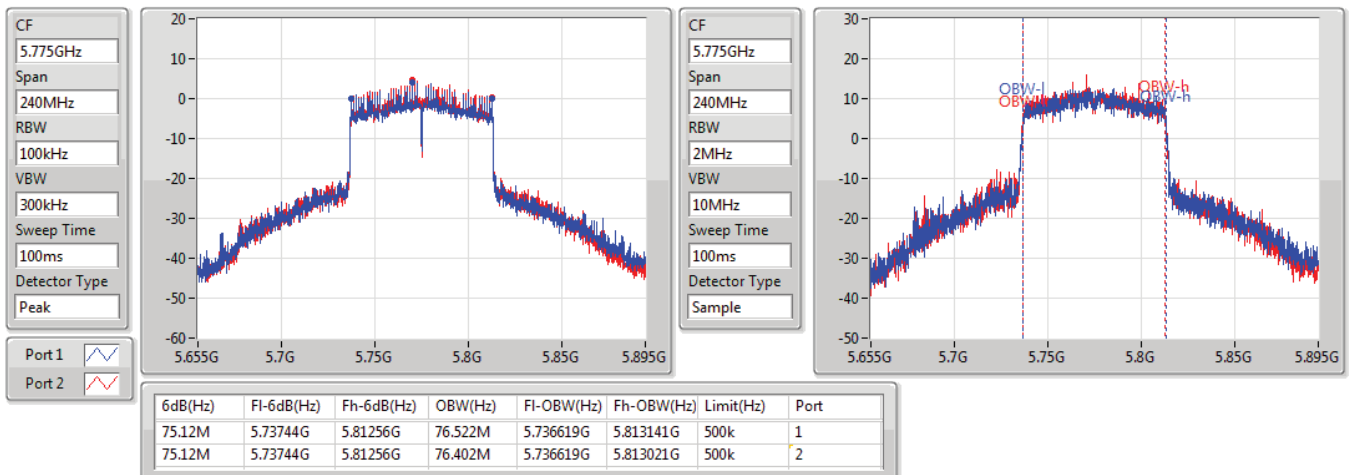


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

18/06/2021


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5775MHz

18/06/2021



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.37	0.08650	24.37	0.27353
802.11ac VHT20_Nss1,(MCS0)_2TX	19.72	0.09376	24.72	0.29648
802.11ac VHT40_Nss1,(MCS0)_2TX	21.92	0.15560	26.92	0.49204
802.11ac VHT80_Nss1,(MCS0)_2TX	13.42	0.02198	18.42	0.06950
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.56	0.09036	24.56	0.28576
802.11ac VHT20_Nss1,(MCS0)_2TX	19.83	0.09616	24.83	0.30409
802.11ac VHT40_Nss1,(MCS0)_2TX	21.81	0.15171	26.81	0.47973
802.11ac VHT80_Nss1,(MCS0)_2TX	15.69	0.03707	20.69	0.11722
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.86	0.09683	24.86	0.30620
802.11ac VHT20_Nss1,(MCS0)_2TX	19.75	0.09441	24.75	0.29854
802.11ac VHT40_Nss1,(MCS0)_2TX	22.38	0.17298	27.38	0.54702
802.11ac VHT80_Nss1,(MCS0)_2TX	22.41	0.17418	27.41	0.55081
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.34	0.43053	31.34	1.36144
802.11ac VHT20_Nss1,(MCS0)_2TX	25.96	0.39446	30.96	1.24738
802.11ac VHT40_Nss1,(MCS0)_2TX	25.03	0.31842	30.03	1.00693
802.11ac VHT80_Nss1,(MCS0)_2TX	22.27	0.16866	27.27	0.53333



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	16.46	16.05	19.27	23.98	24.27	30.00
5200MHz	Pass	5.00	16.35	16.36	19.37	23.98	24.37	30.00
5240MHz	Pass	5.00	16.02	16.07	19.06	23.98	24.06	30.00
5260MHz	Pass	5.00	16.03	16.30	19.18	23.98	24.18	30.00
5300MHz	Pass	5.00	16.54	16.26	19.41	23.98	24.41	30.00
5320MHz	Pass	5.00	16.61	16.49	19.56	23.98	24.56	30.00
5500MHz	Pass	5.00	16.90	16.79	19.86	23.98	24.86	30.00
5580MHz	Pass	5.00	16.02	16.53	19.29	23.98	24.29	30.00
5700MHz	Pass	5.00	15.73	16.00	18.88	23.98	23.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	15.74	15.86	18.81	22.74	23.81	28.74
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	8.03	8.23	11.14	30.00	16.14	36.00
5745MHz	Pass	5.00	23.07	23.57	26.34	30.00	31.34	36.00
5785MHz	Pass	5.00	22.67	23.32	26.02	30.00	31.02	36.00
5825MHz	Pass	5.00	22.71	23.24	25.99	30.00	30.99	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	15.85	15.49	18.68	23.98	23.68	30.00
5200MHz	Pass	5.00	16.70	16.71	19.72	23.98	24.72	30.00
5240MHz	Pass	5.00	16.47	16.69	19.59	23.98	24.59	30.00
5260MHz	Pass	5.00	16.43	16.70	19.58	23.98	24.58	30.00
5300MHz	Pass	5.00	16.90	16.73	19.83	23.98	24.83	30.00
5320MHz	Pass	5.00	16.56	16.47	19.53	23.98	24.53	30.00
5500MHz	Pass	5.00	16.70	16.60	19.66	23.98	24.66	30.00
5580MHz	Pass	5.00	16.43	17.03	19.75	23.98	24.75	30.00
5700MHz	Pass	5.00	15.87	16.09	18.99	23.98	23.99	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	16.17	16.32	19.26	22.77	24.26	28.77
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	8.96	9.16	12.07	30.00	17.07	36.00
5745MHz	Pass	5.00	22.84	23.06	25.96	30.00	30.96	36.00
5785MHz	Pass	5.00	22.37	22.90	25.65	30.00	30.65	36.00
5825MHz	Pass	5.00	21.66	22.04	24.86	30.00	29.86	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.00	14.65	14.57	17.62	23.98	22.62	30.00
5230MHz	Pass	5.00	18.75	19.07	21.92	23.98	26.92	30.00
5270MHz	Pass	5.00	18.72	18.88	21.81	23.98	26.81	30.00
5310MHz	Pass	5.00	16.87	16.63	19.76	23.98	24.76	30.00
5510MHz	Pass	5.00	16.66	16.56	19.62	23.98	24.62	30.00
5550MHz	Pass	5.00	19.31	19.43	22.38	23.98	27.38	30.00
5670MHz	Pass	5.00	17.28	18.01	20.67	23.98	25.67	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	19.09	19.51	22.32	23.98	27.32	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	6.98	7.38	10.19	30.00	15.19	36.00
5755MHz	Pass	5.00	21.60	22.40	25.03	30.00	30.03	36.00
5795MHz	Pass	5.00	21.52	22.41	25.00	30.00	30.00	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.00	10.43	10.38	13.42	23.98	18.42	30.00
5290MHz	Pass	5.00	12.55	12.81	15.69	23.98	20.69	30.00
5530MHz	Pass	5.00	9.63	9.63	12.64	23.98	17.64	30.00
5610MHz	Pass	5.00	17.59	18.19	20.91	23.98	25.91	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	18.98	19.78	22.41	23.98	27.41	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	3.90	4.70	7.33	30.00	12.33	36.00
5775MHz	Pass	5.00	19.02	19.49	22.27	30.00	27.27	36.00

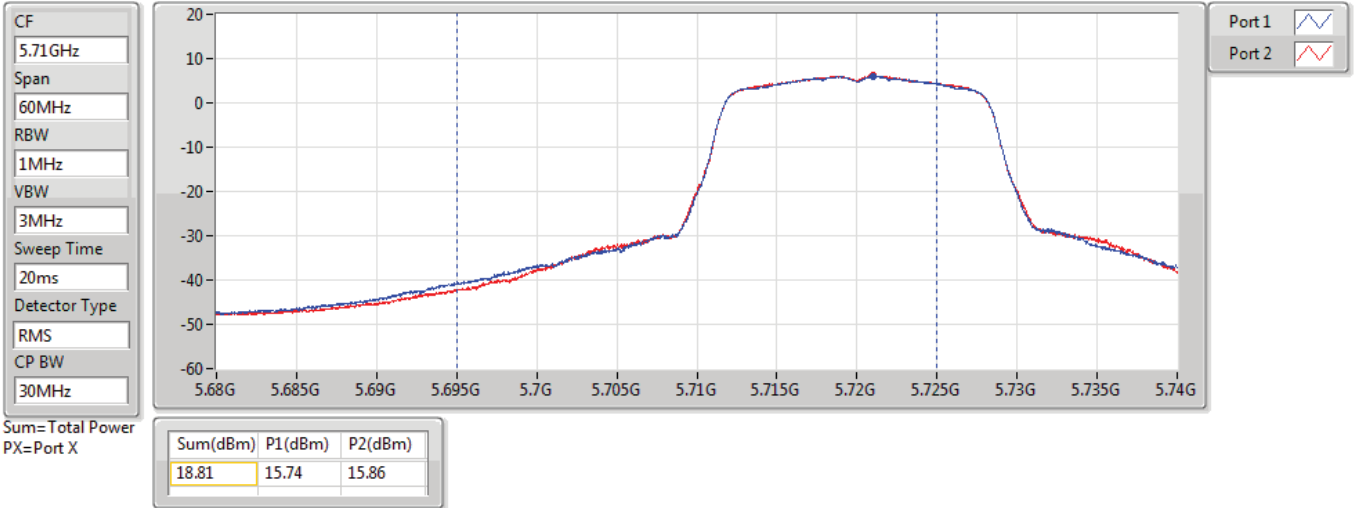
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

25/05/2021

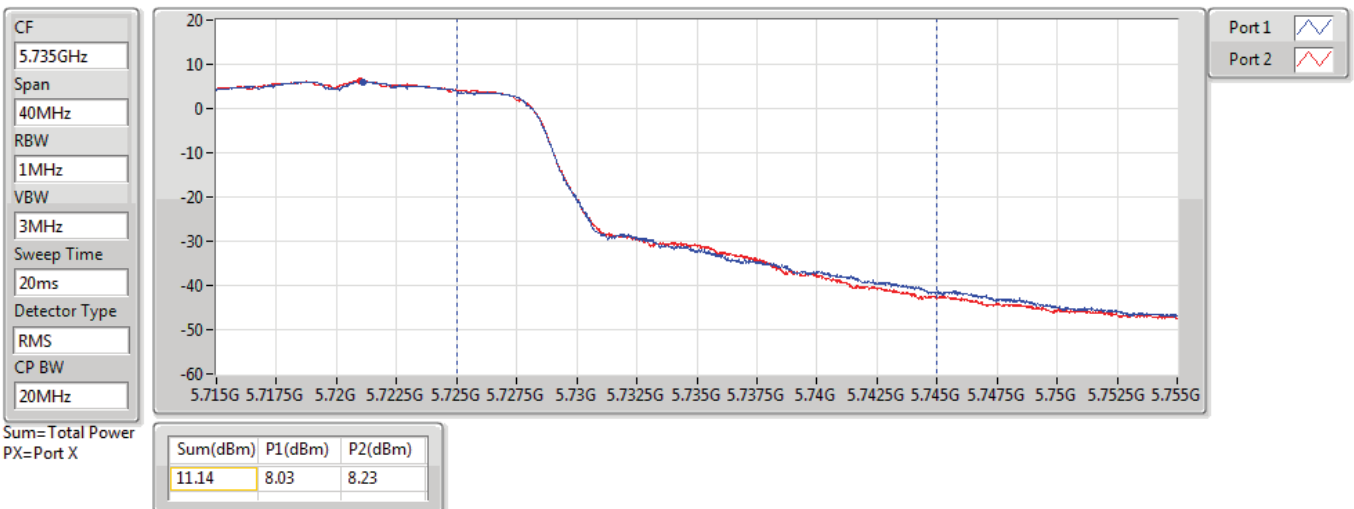


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

25/05/2021



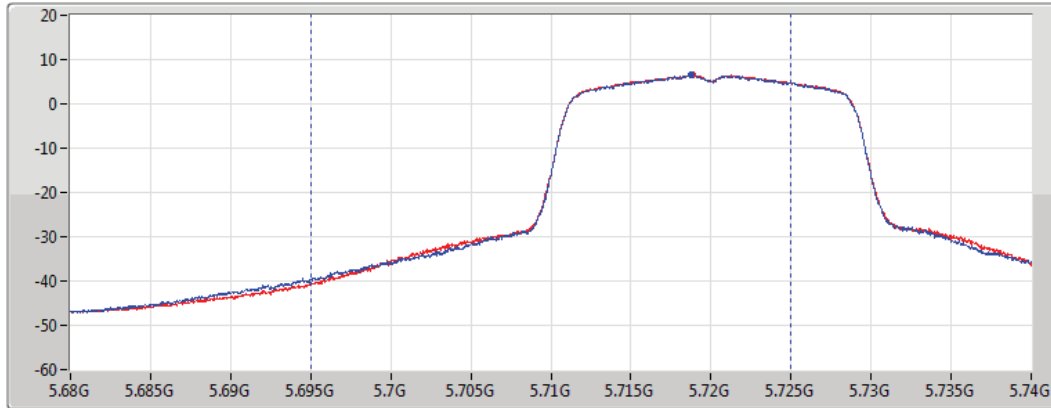
802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.67-5.725GHz_TnomVnom

25/05/2021

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
19.26	16.17	16.32

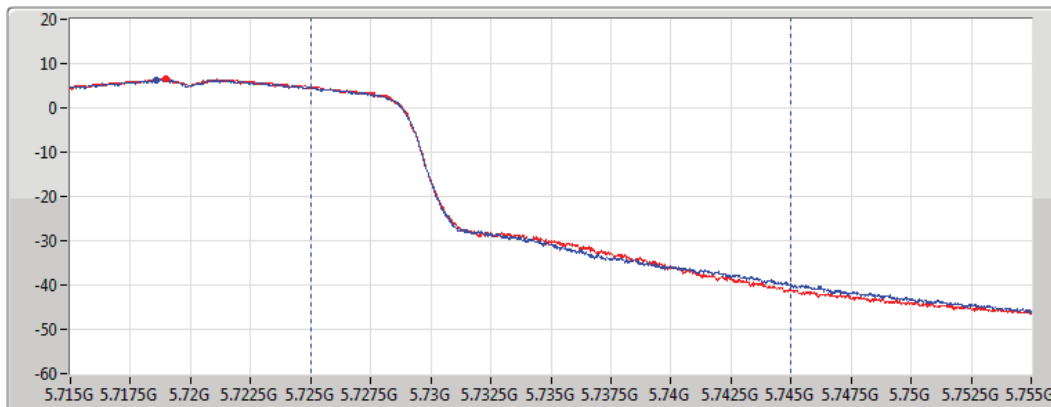
802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

25/05/2021

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.07	8.96	9.16

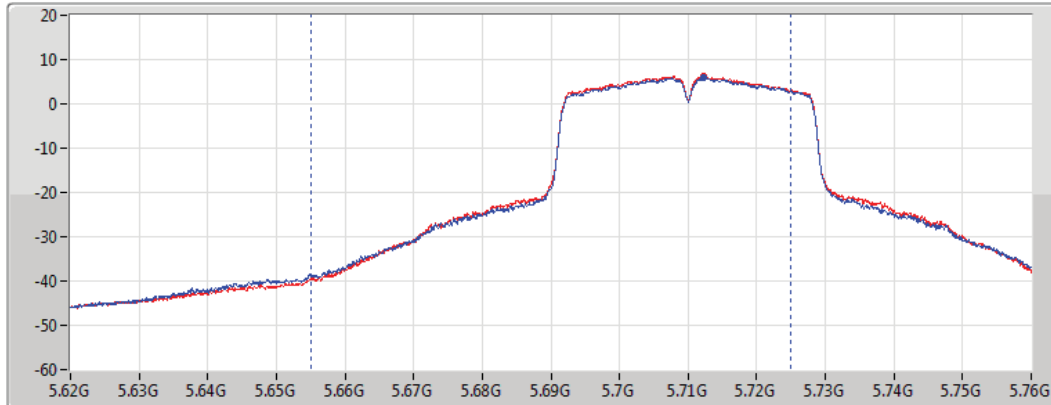
802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

18/06/2021

CF
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
70MHz



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
22.32	19.09	19.51

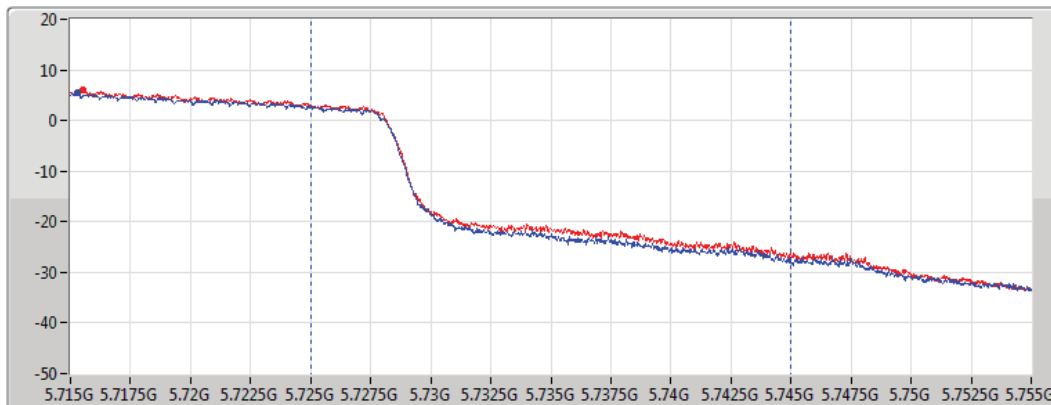
802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

18/06/2021

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
10.19	6.98	7.38

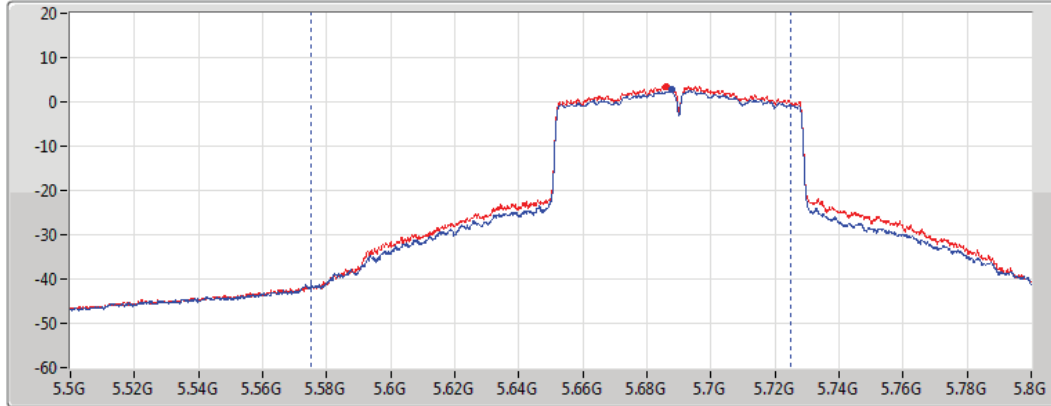
802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

18/06/2021

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
150MHz



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
22.41	18.98	19.78

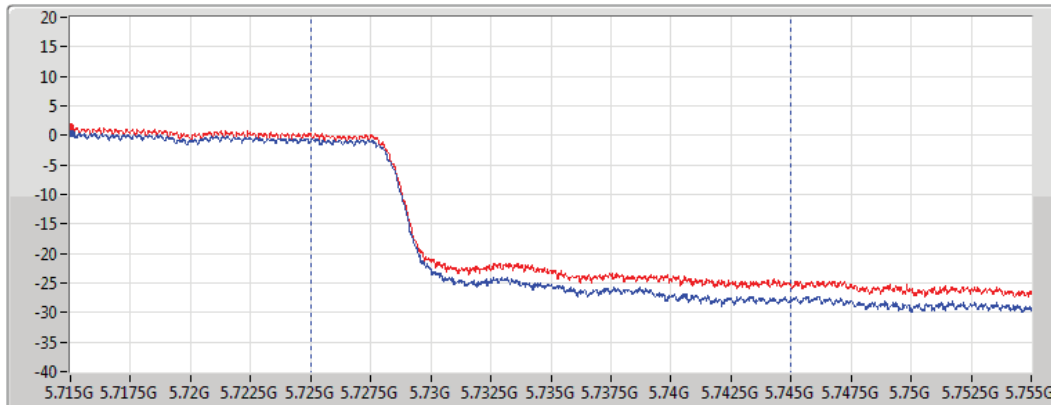
802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

18/06/2021

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
7.33	3.90	4.70

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.68	15.69
802.11ac VHT20_Nss1,(MCS0)_2TX	7.83	15.84
802.11ac VHT40_Nss1,(MCS0)_2TX	7.85	15.86
802.11ac VHT80_Nss1,(MCS0)_2TX	-4.26	3.75
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.82	15.83
802.11ac VHT20_Nss1,(MCS0)_2TX	7.91	15.92
802.11ac VHT40_Nss1,(MCS0)_2TX	7.17	15.18
802.11ac VHT80_Nss1,(MCS0)_2TX	-1.77	6.24
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.77	15.78
802.11ac VHT20_Nss1,(MCS0)_2TX	7.94	15.95
802.11ac VHT40_Nss1,(MCS0)_2TX	7.62	15.63
802.11ac VHT80_Nss1,(MCS0)_2TX	4.59	12.60
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.95	20.96
802.11ac VHT20_Nss1,(MCS0)_2TX	12.74	20.75
802.11ac VHT40_Nss1,(MCS0)_2TX	8.70	16.71
802.11ac VHT80_Nss1,(MCS0)_2TX	3.43	11.44

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	4.80	4.62	7.68	8.99	15.69	17.00
5200MHz	Pass	8.01	4.76	4.60	7.64	8.99	15.65	17.00
5240MHz	Pass	8.01	4.30	4.50	7.40	8.99	15.41	17.00
5260MHz	Pass	8.01	4.24	4.53	7.36	8.99	15.37	17.00
5300MHz	Pass	8.01	4.77	4.62	7.61	8.99	15.62	17.00
5320MHz	Pass	8.01	4.93	4.71	7.82	8.99	15.83	17.00
5500MHz	Pass	8.01	4.89	4.76	7.77	8.99	15.78	17.00
5580MHz	Pass	8.01	4.42	4.86	7.61	8.99	15.62	17.00
5700MHz	Pass	8.01	4.15	4.47	7.28	8.99	15.29	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	4.72	4.71	7.68	8.99	15.69	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	1.24	1.38	4.29	27.99	12.30	36.00
5745MHz	Pass	8.01	9.78	10.26	12.95	27.99	20.96	36.00
5785MHz	Pass	8.01	9.25	9.64	12.42	27.99	20.43	36.00
5825MHz	Pass	8.01	9.37	9.87	12.63	27.99	20.64	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.01	4.14	3.91	7.04	8.99	15.05	17.00
5200MHz	Pass	8.01	4.85	4.88	7.83	8.99	15.84	17.00
5240MHz	Pass	8.01	4.64	4.93	7.75	8.99	15.76	17.00
5260MHz	Pass	8.01	4.60	4.88	7.69	8.99	15.70	17.00
5300MHz	Pass	8.01	5.06	4.92	7.91	8.99	15.92	17.00
5320MHz	Pass	8.01	4.77	4.67	7.66	8.99	15.67	17.00
5500MHz	Pass	8.01	4.64	4.53	7.53	8.99	15.54	17.00
5580MHz	Pass	8.01	4.75	5.21	7.93	8.99	15.94	17.00
5700MHz	Pass	8.01	4.17	4.30	7.19	8.99	15.20	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	4.96	5.06	7.94	8.99	15.95	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.01	1.67	1.76	4.73	27.99	12.74	36.00
5745MHz	Pass	8.01	9.58	10.00	12.74	27.99	20.75	36.00
5785MHz	Pass	8.01	9.11	9.71	12.40	27.99	20.41	36.00
5825MHz	Pass	8.01	8.69	8.80	11.75	27.99	19.76	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.01	-0.14	-0.39	2.70	8.99	10.71	17.00
5230MHz	Pass	8.01	4.67	5.19	7.85	8.99	15.86	17.00
5270MHz	Pass	8.01	4.12	4.21	7.17	8.99	15.18	17.00
5310MHz	Pass	8.01	1.90	1.75	4.77	8.99	12.78	17.00
5510MHz	Pass	8.01	1.74	1.62	4.62	8.99	12.63	17.00
5550MHz	Pass	8.01	4.61	4.73	7.62	8.99	15.63	17.00
5670MHz	Pass	8.01	2.72	3.34	5.92	8.99	13.93	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	4.45	4.80	7.55	8.99	15.56	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.01	-0.42	-0.01	2.78	27.99	10.79	36.00
5755MHz	Pass	8.01	5.36	6.10	8.70	27.99	16.71	36.00
5795MHz	Pass	8.01	3.65	4.42	7.05	27.99	15.06	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.01	-7.01	-7.24	-4.26	8.99	3.75	17.00
5290MHz	Pass	8.01	-4.80	-4.60	-1.77	8.99	6.24	17.00
5530MHz	Pass	8.01	-8.01	-7.46	-4.79	8.99	3.22	17.00
5610MHz	Pass	8.01	0.57	0.81	3.63	8.99	11.64	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	1.07	2.20	4.59	8.99	12.60	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.01	-3.36	-2.29	0.19	27.99	8.20	36.00
5775MHz	Pass	8.01	0.36	0.59	3.43	27.99	11.44	36.00

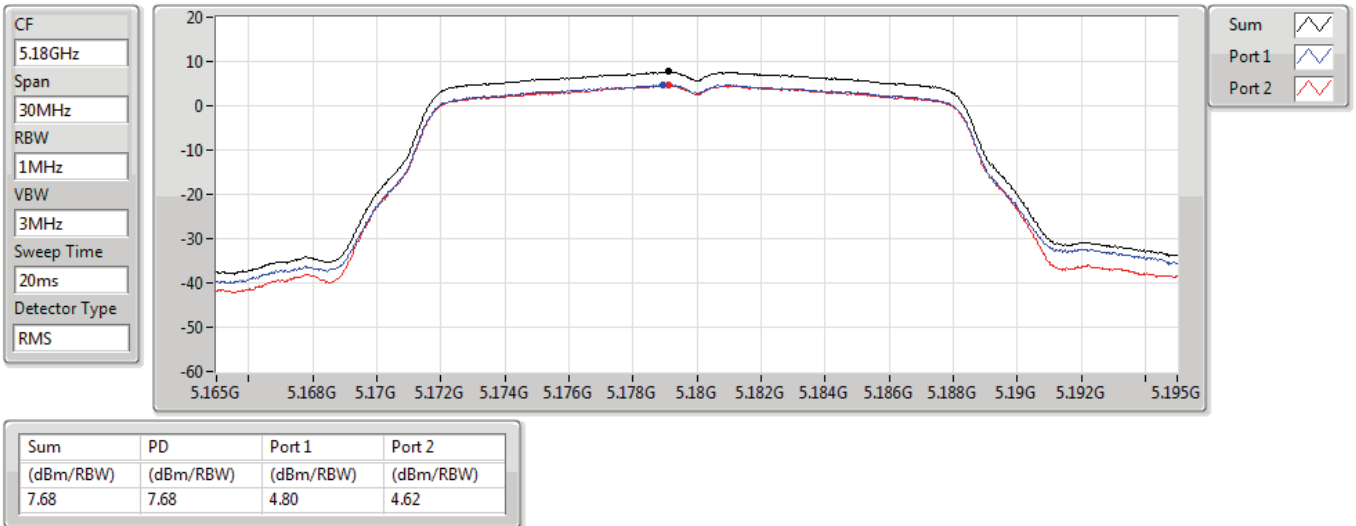
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

25/05/2021

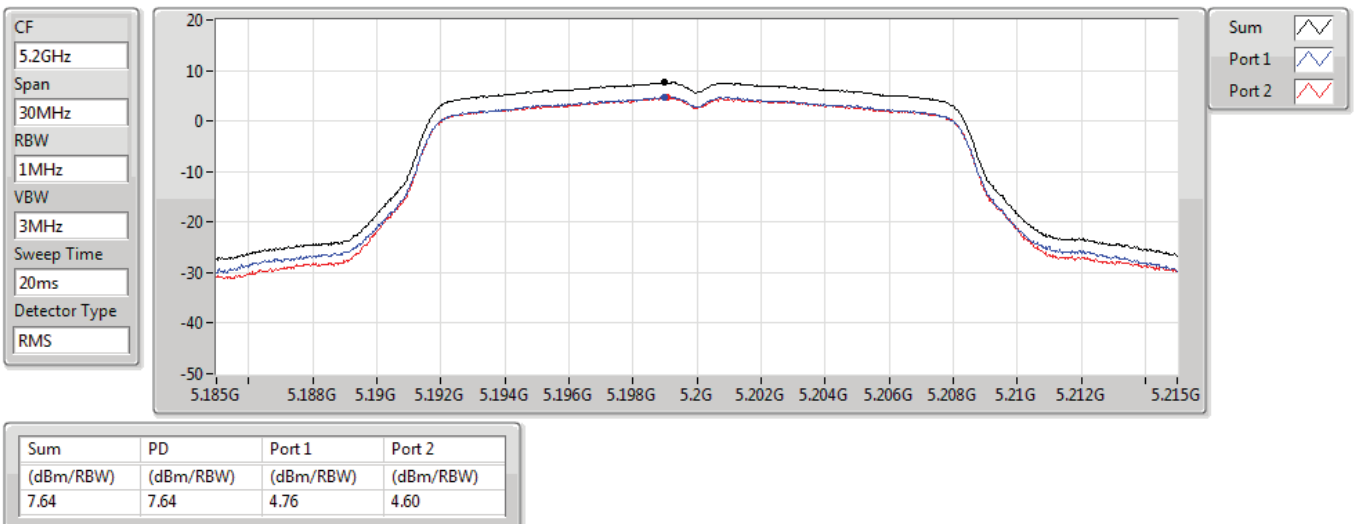


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

25/05/2021

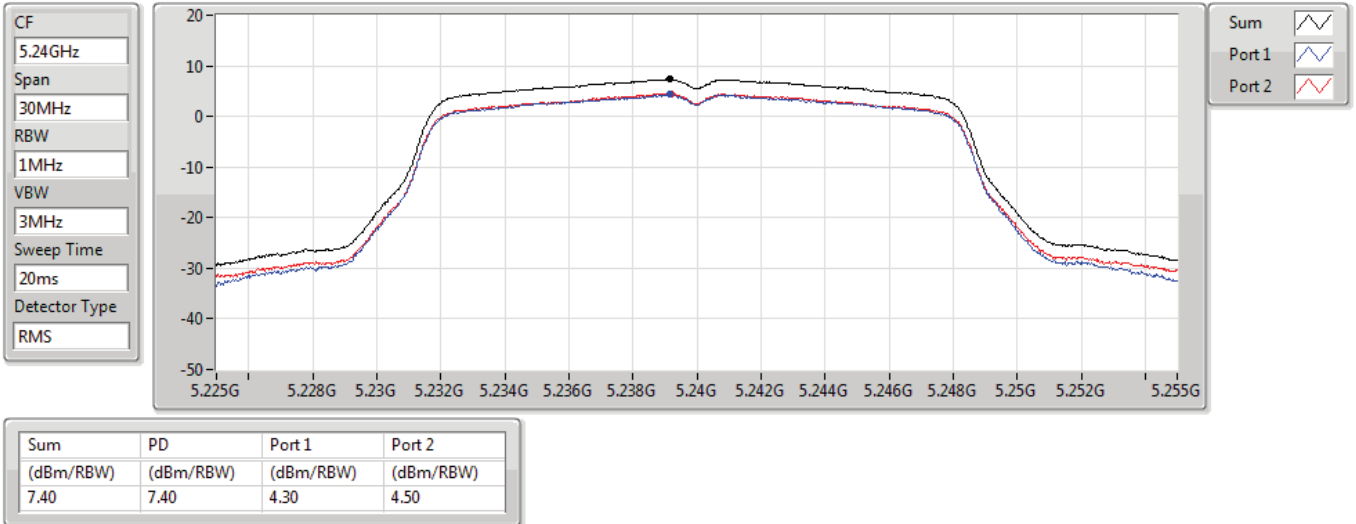


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

25/05/2021

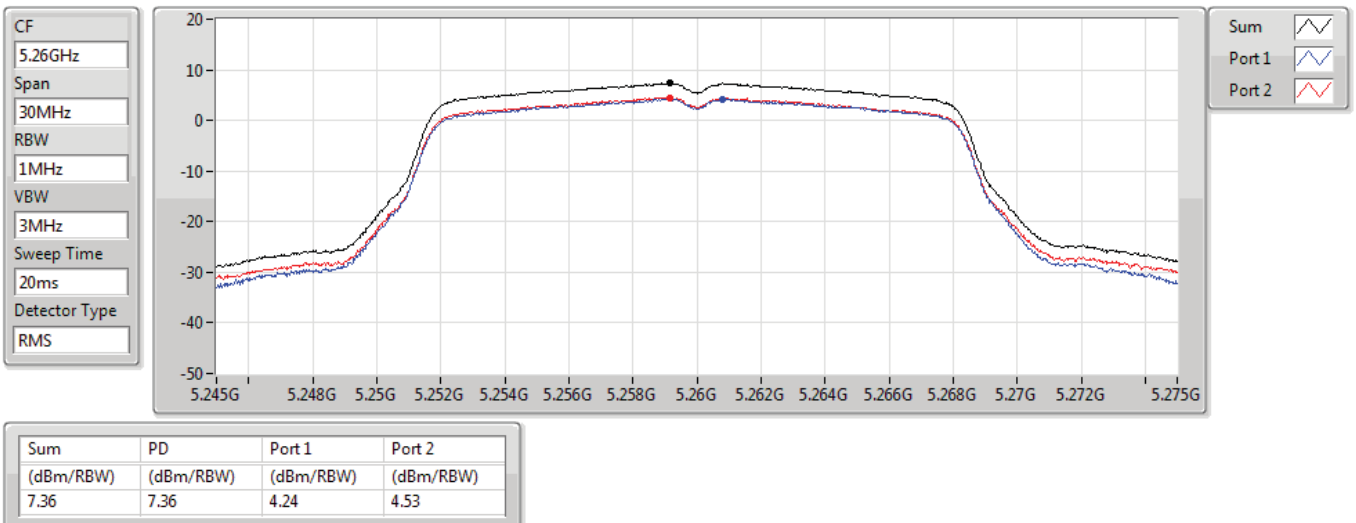


802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

25/05/2021

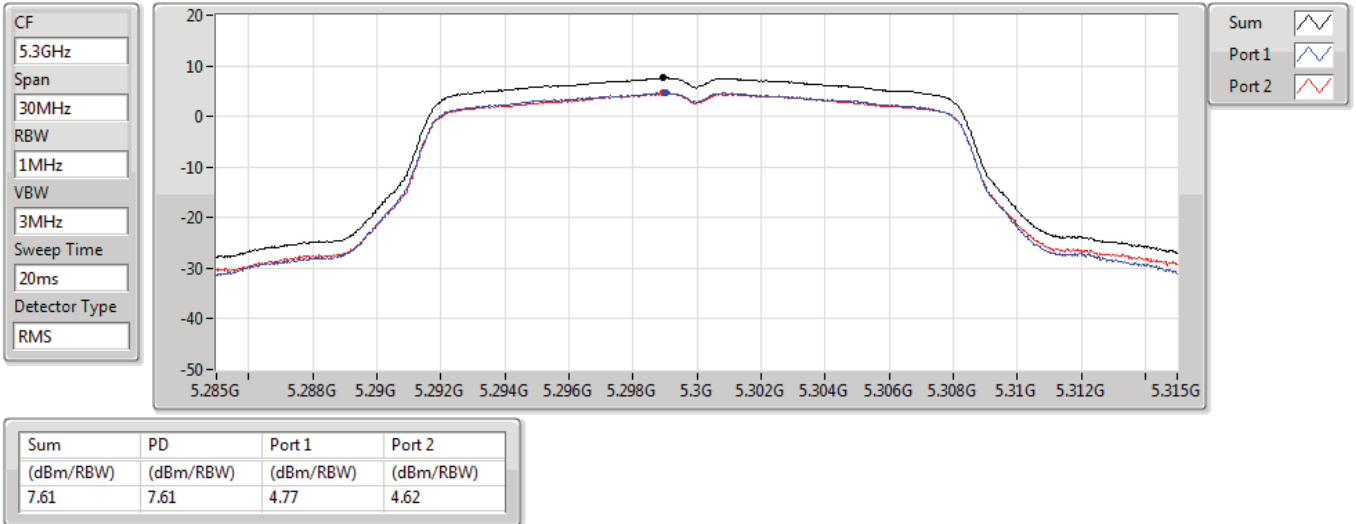


802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

25/05/2021

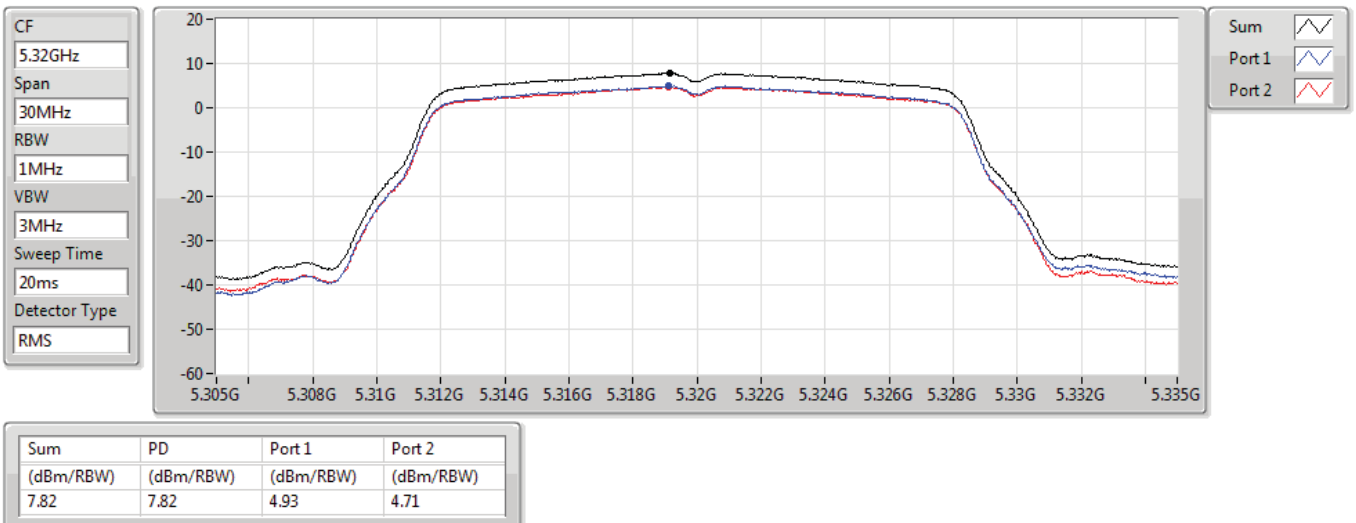


802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

25/05/2021

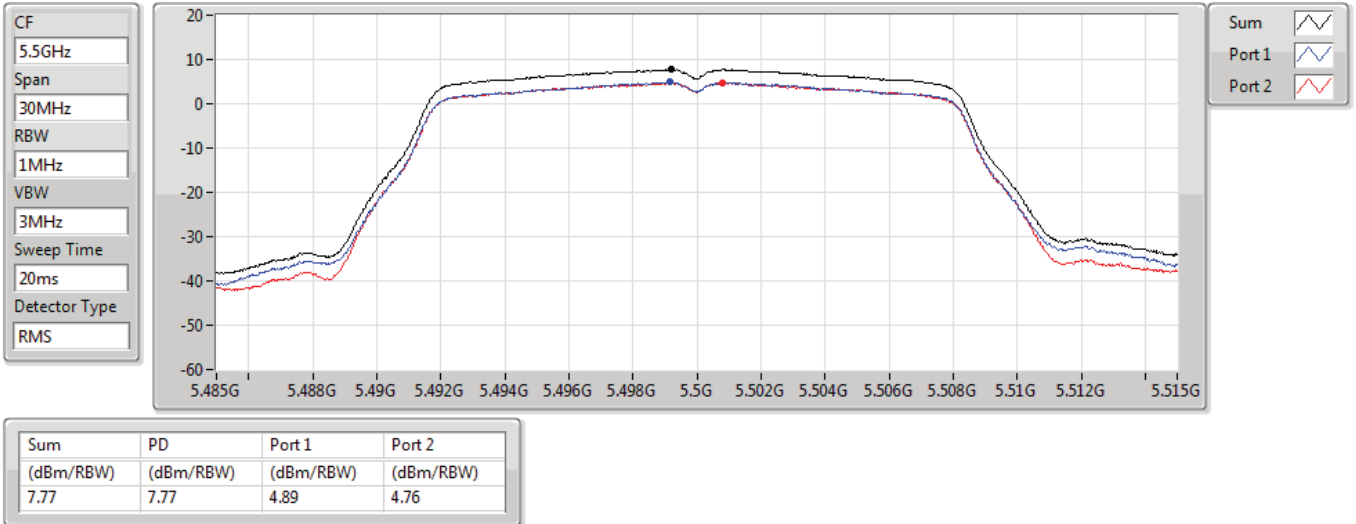


802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

27/04/2021

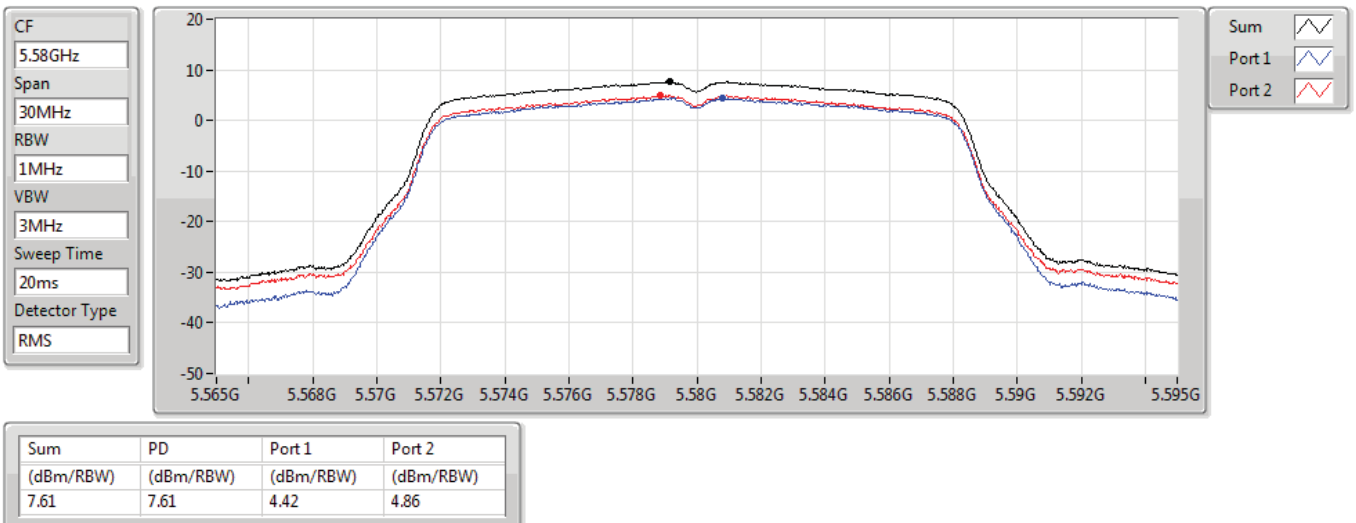


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

25/05/2021

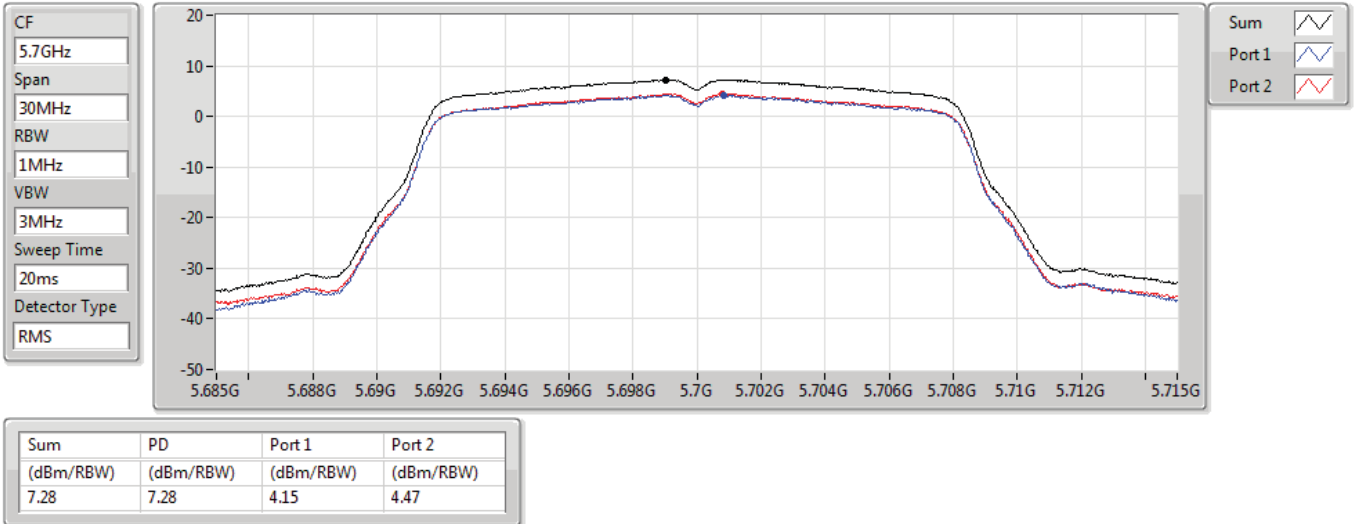


802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

17/06/2021

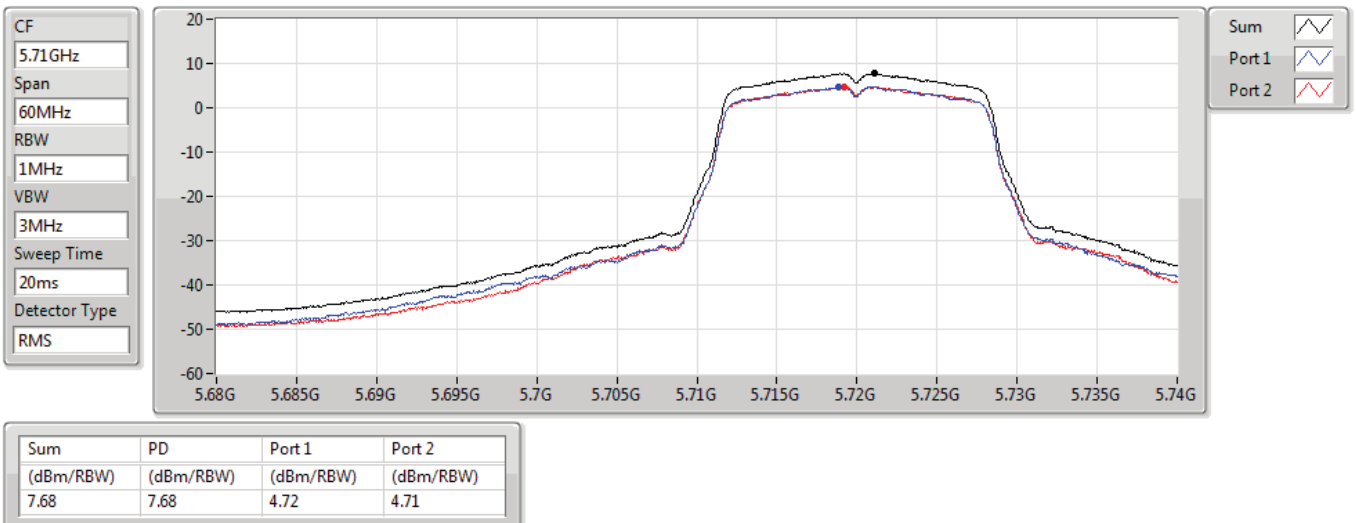


802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/05/2021

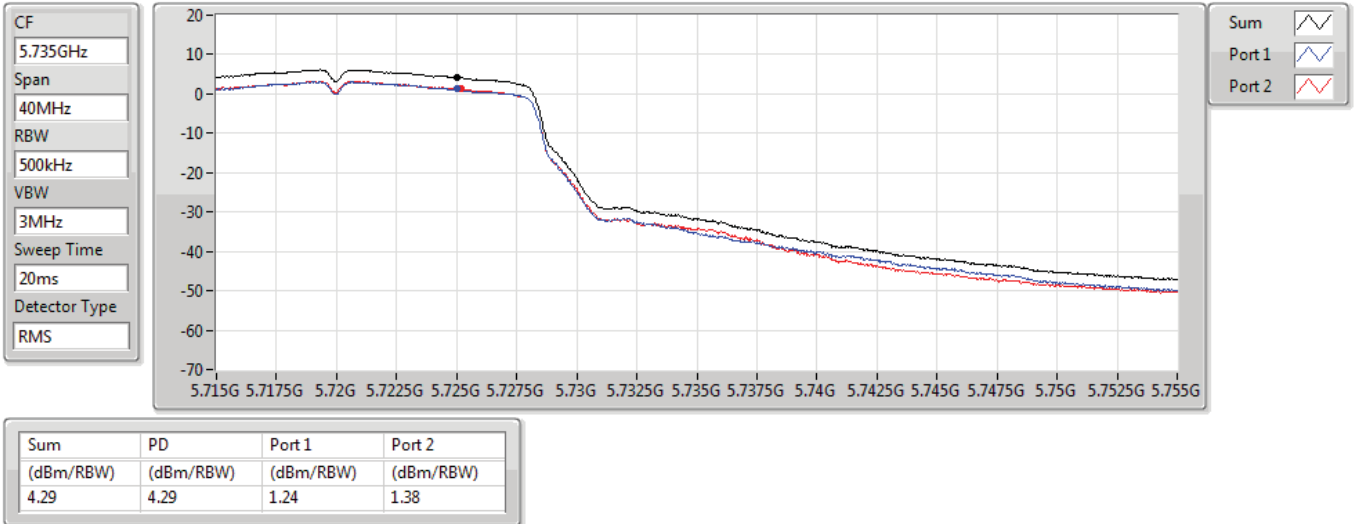


802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/05/2021

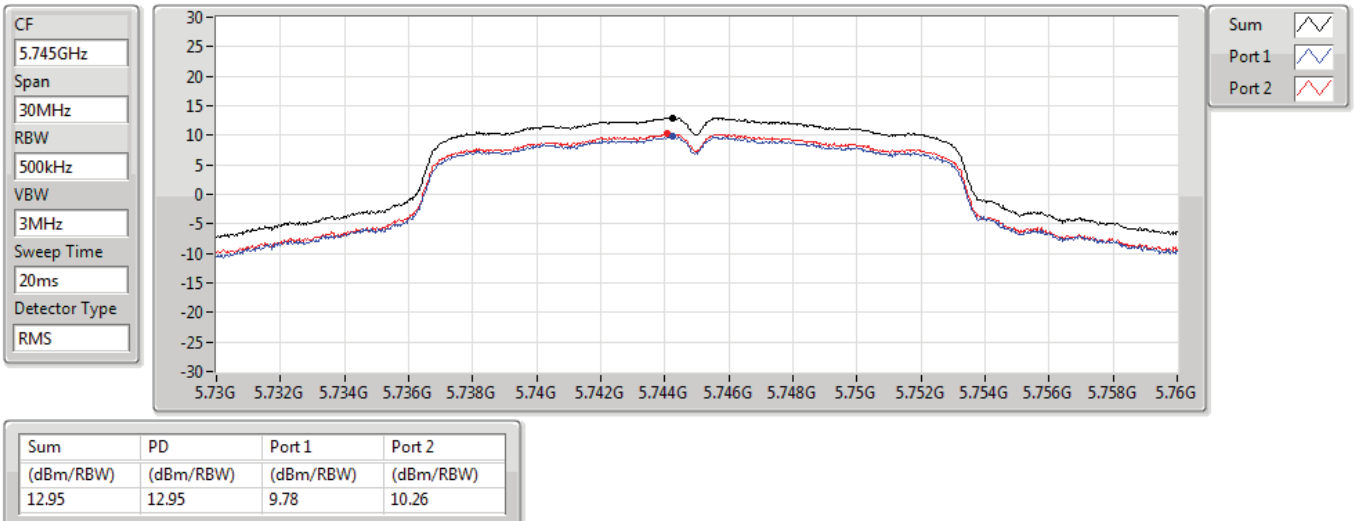


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/06/2021

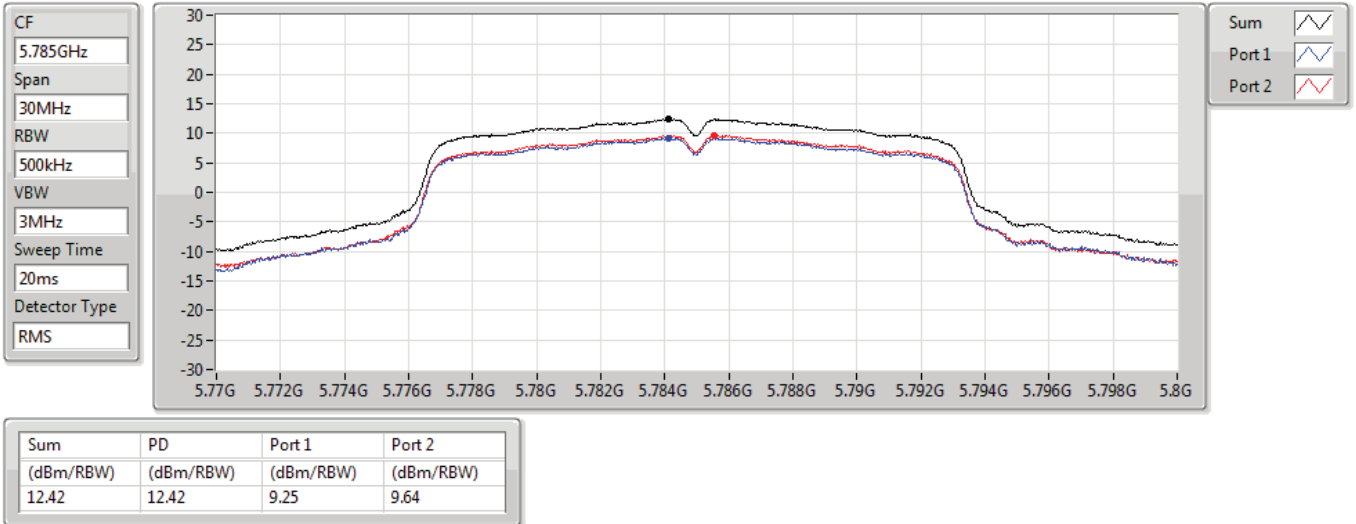


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/06/2021

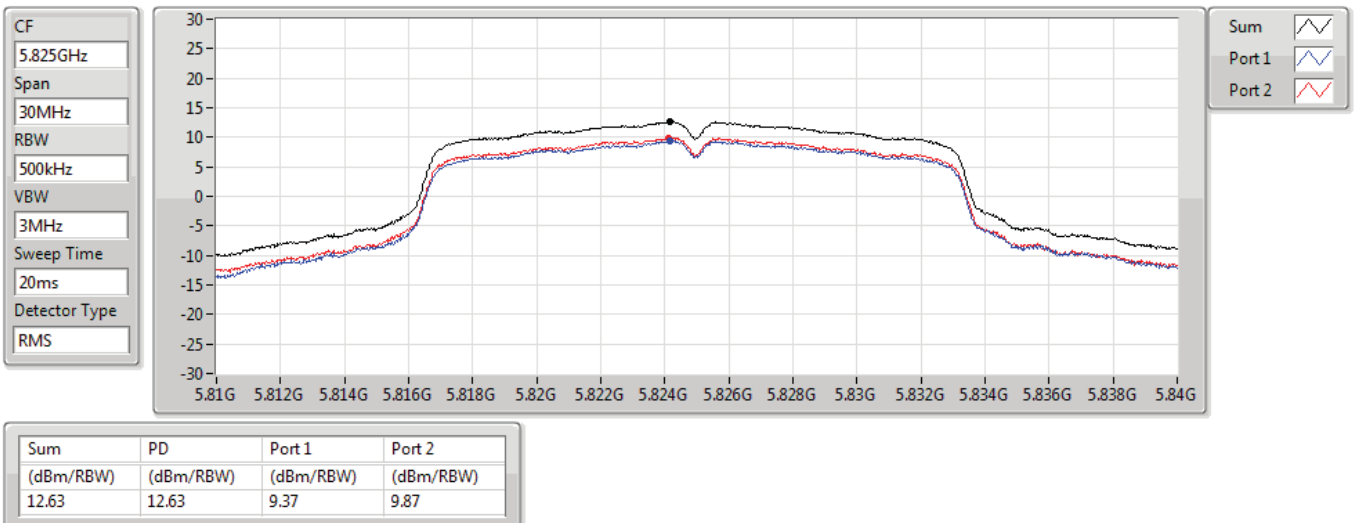


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/06/2021

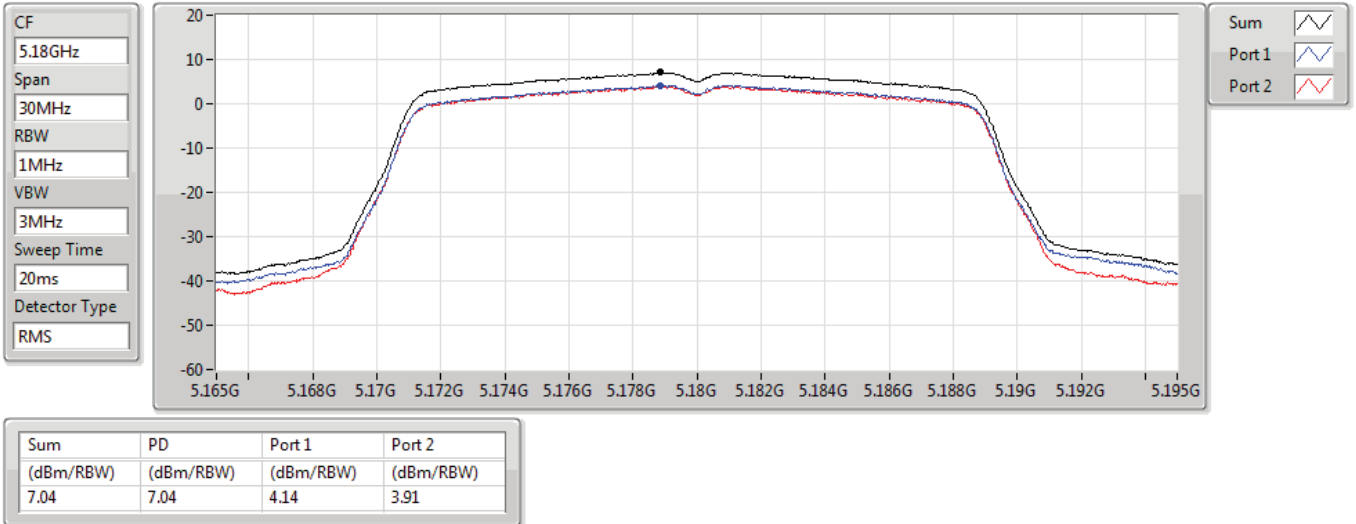


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5180MHz

17/06/2021

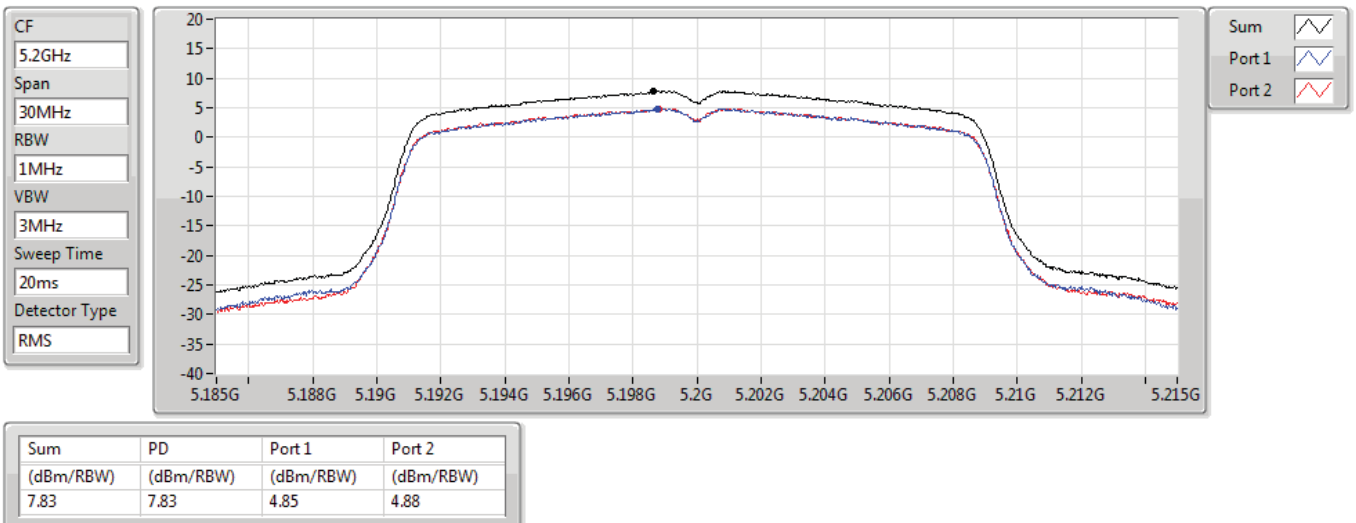


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5200MHz

25/05/2021

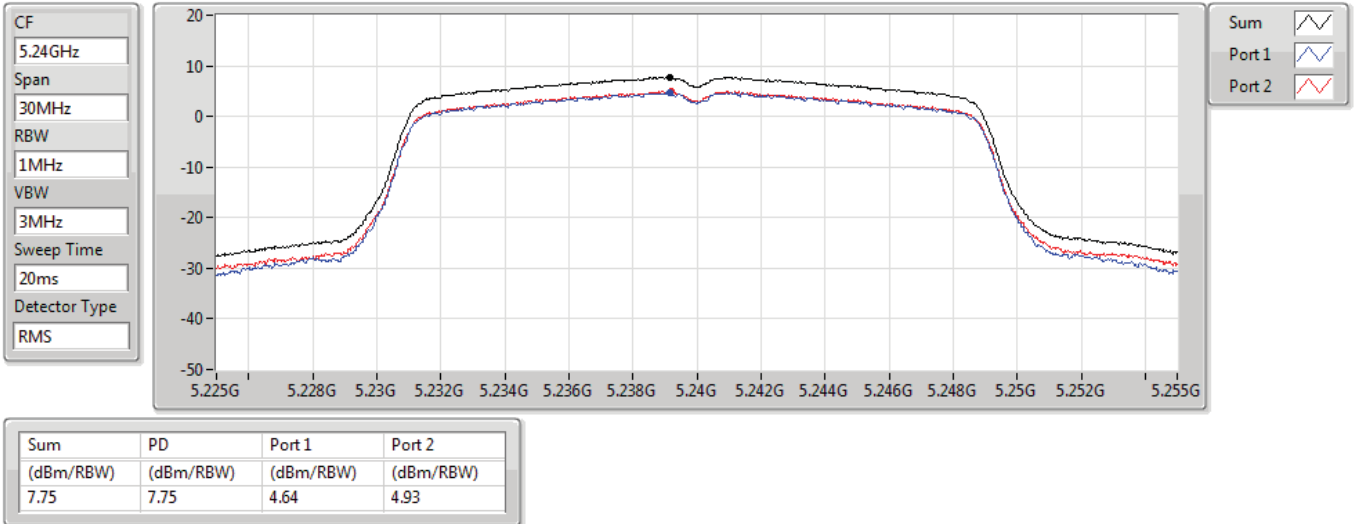


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

25/05/2021

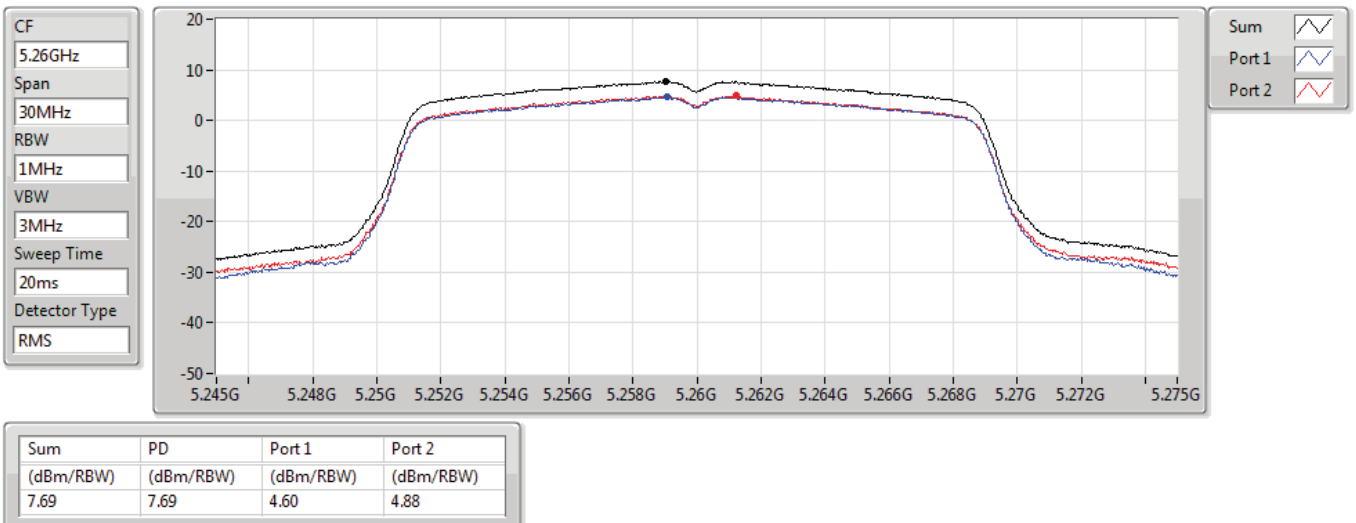


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

25/05/2021

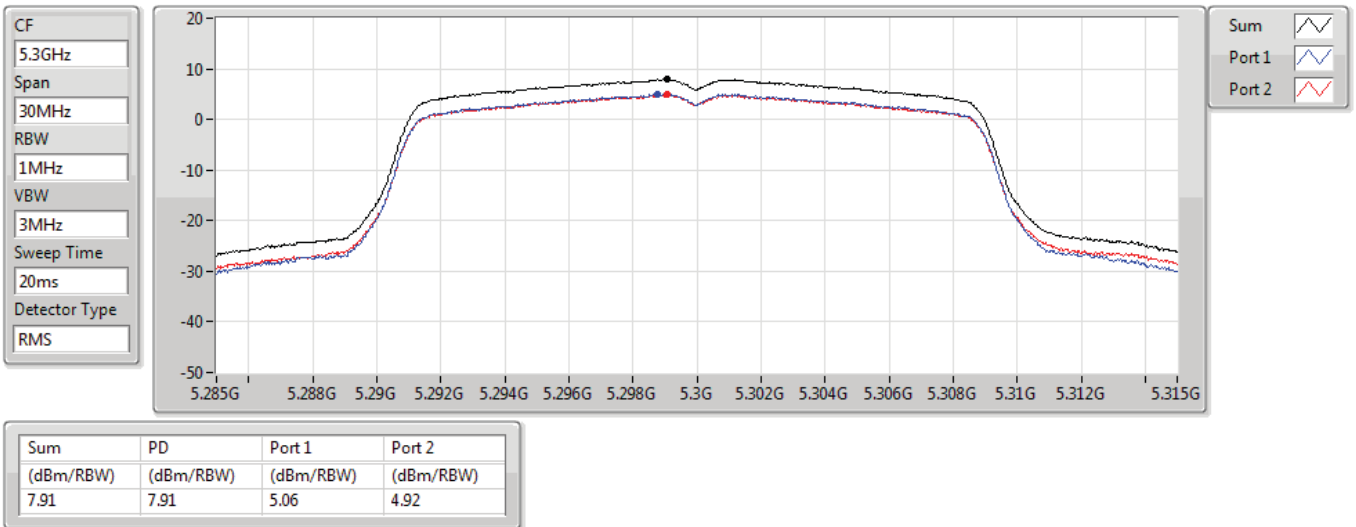


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

25/05/2021

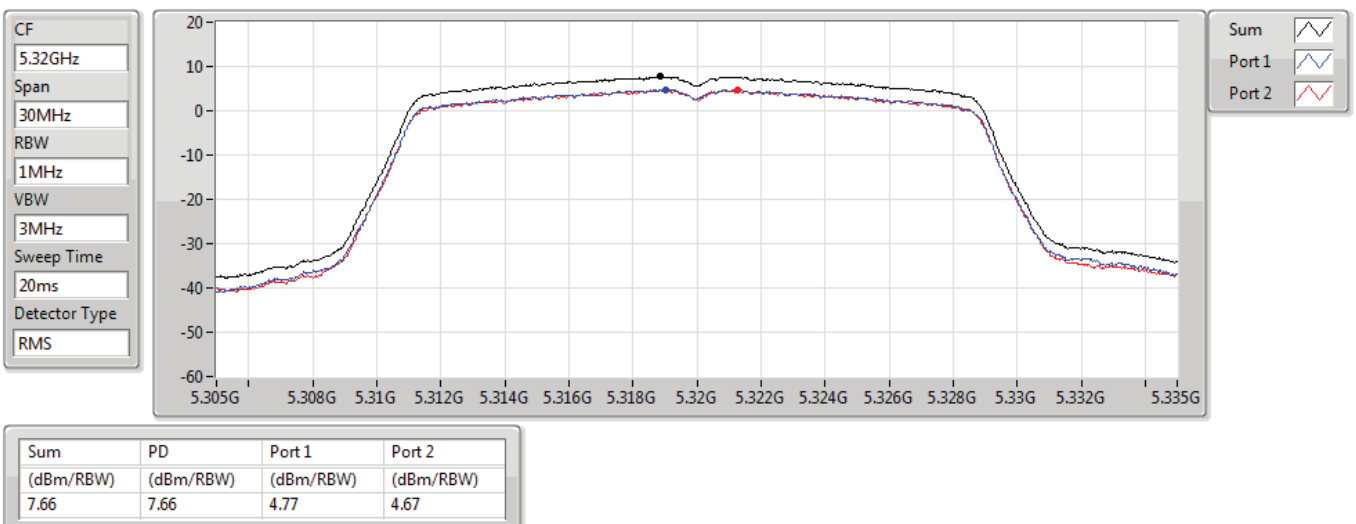


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

27/04/2021

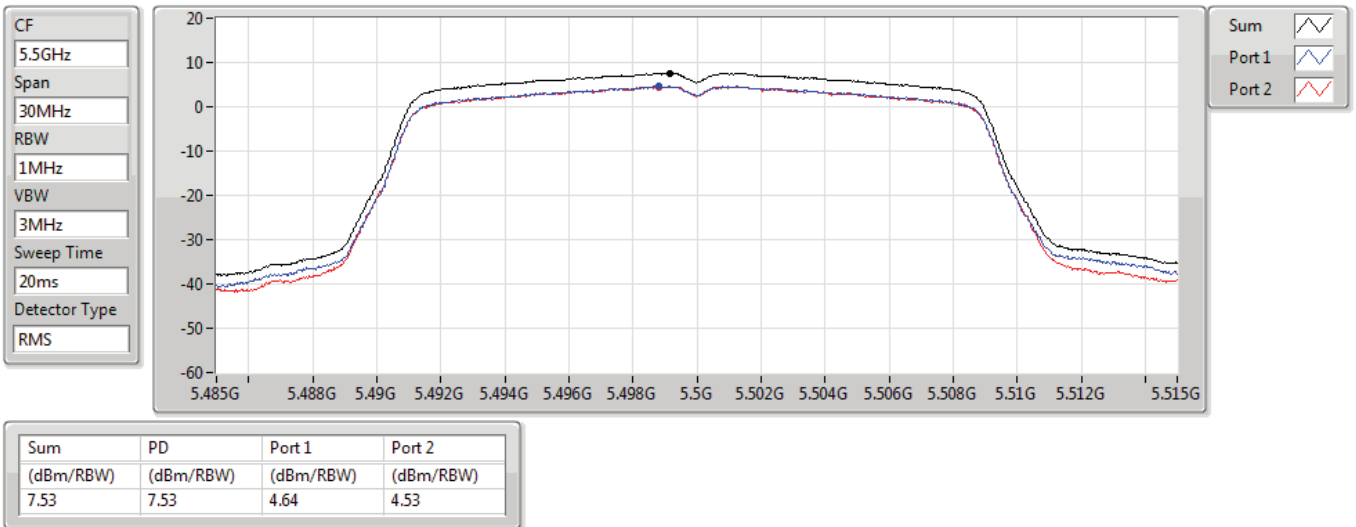


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

25/05/2021

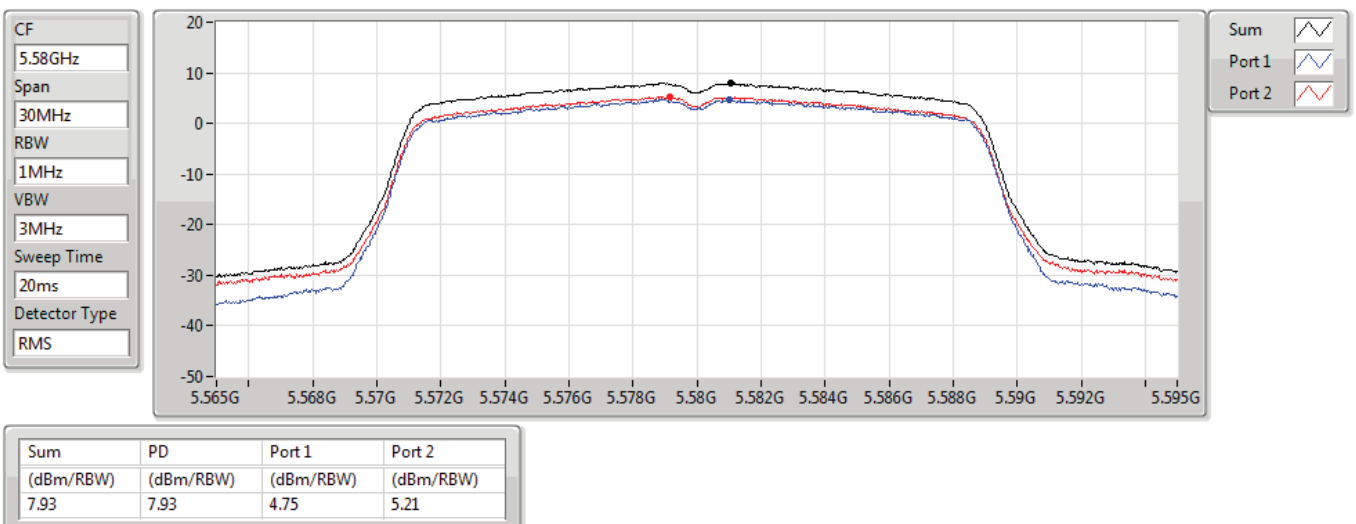


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

25/05/2021

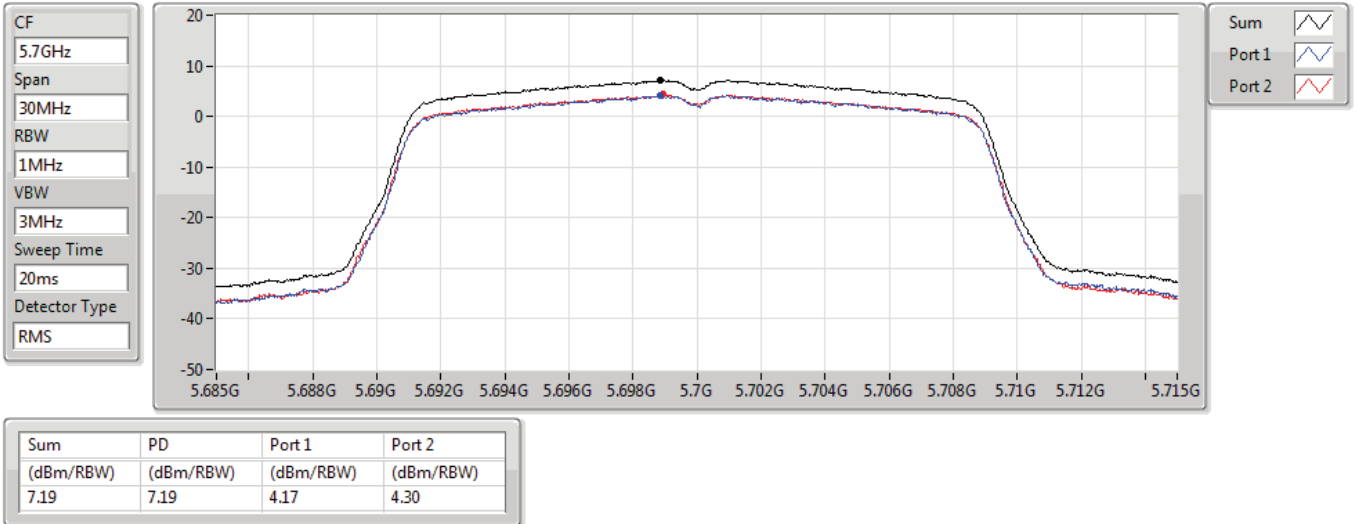


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

25/05/2021

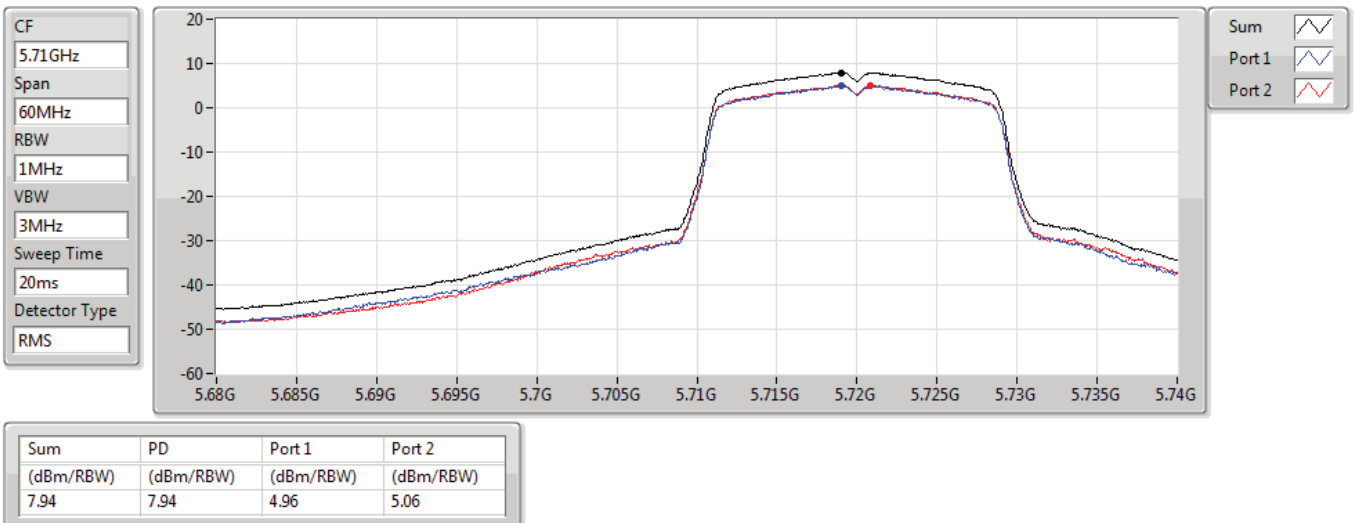


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/05/2021

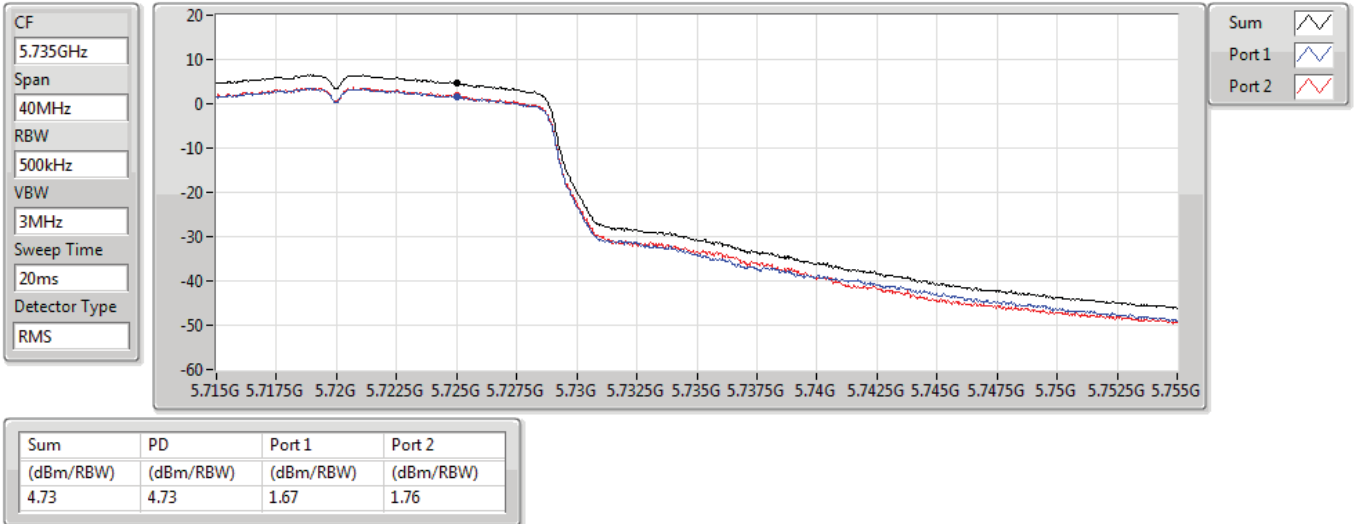


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/05/2021

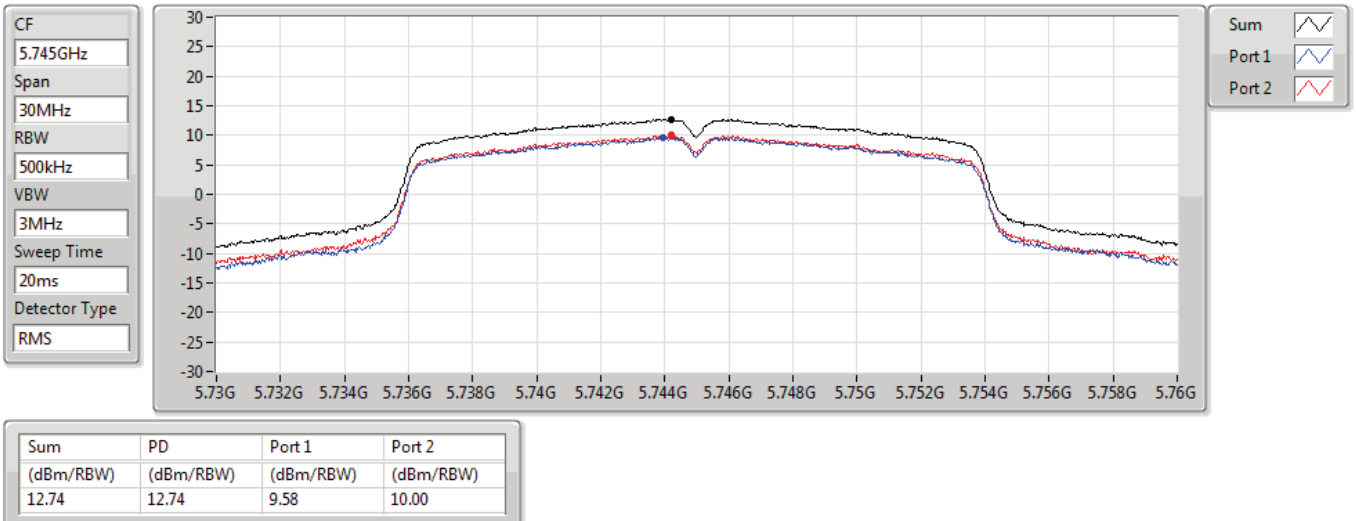


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

17/06/2021

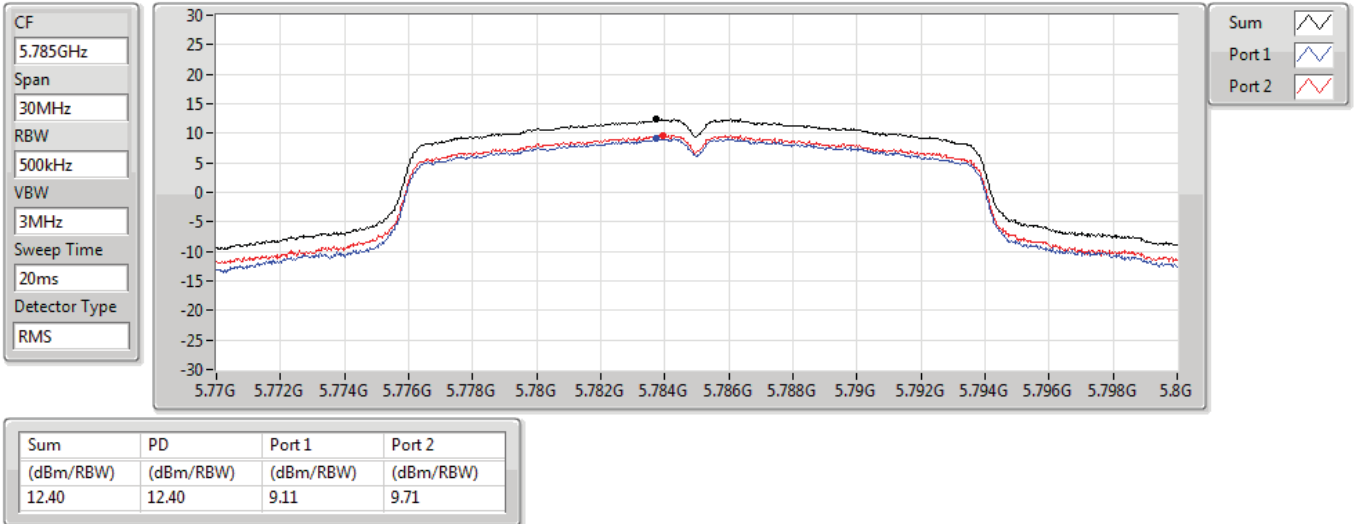


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5785MHz

17/06/2021

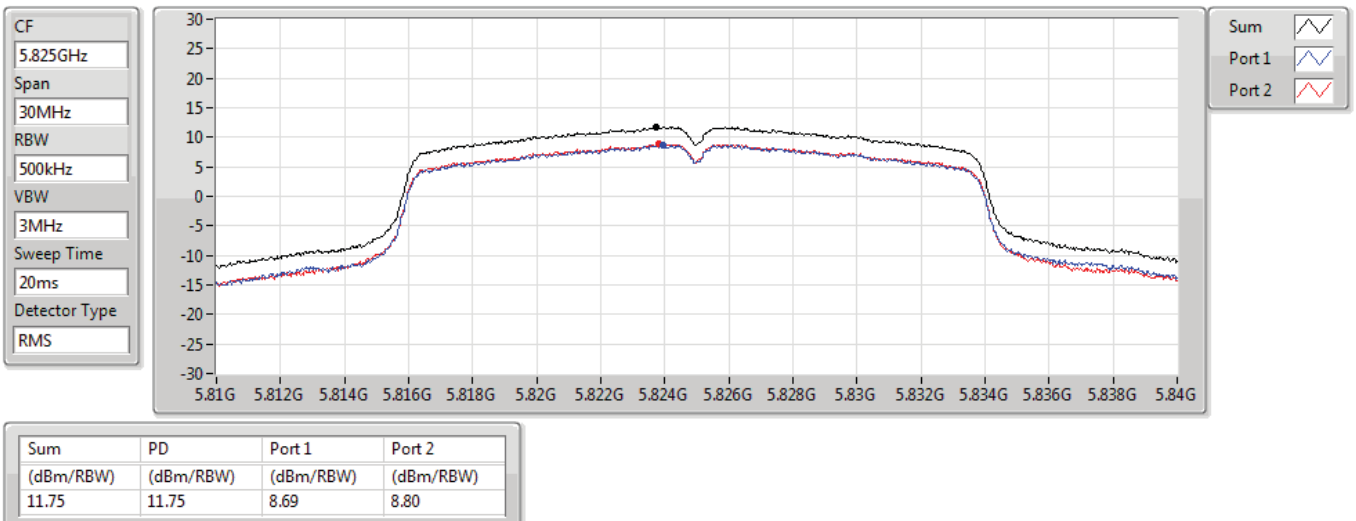


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5825MHz

17/06/2021

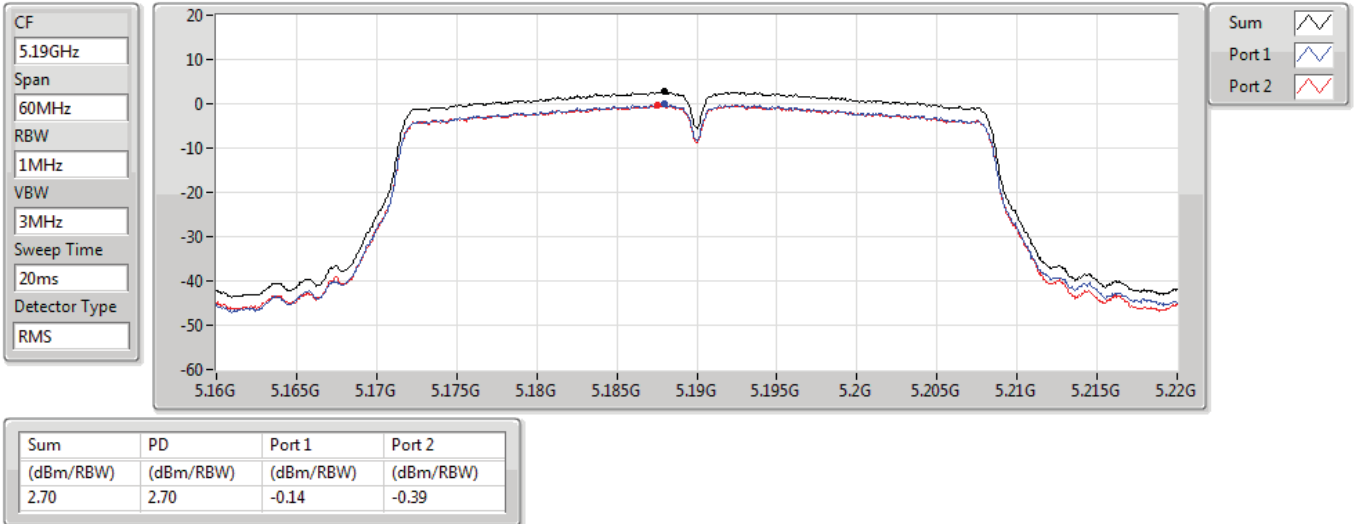


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5190MHz

25/05/2021

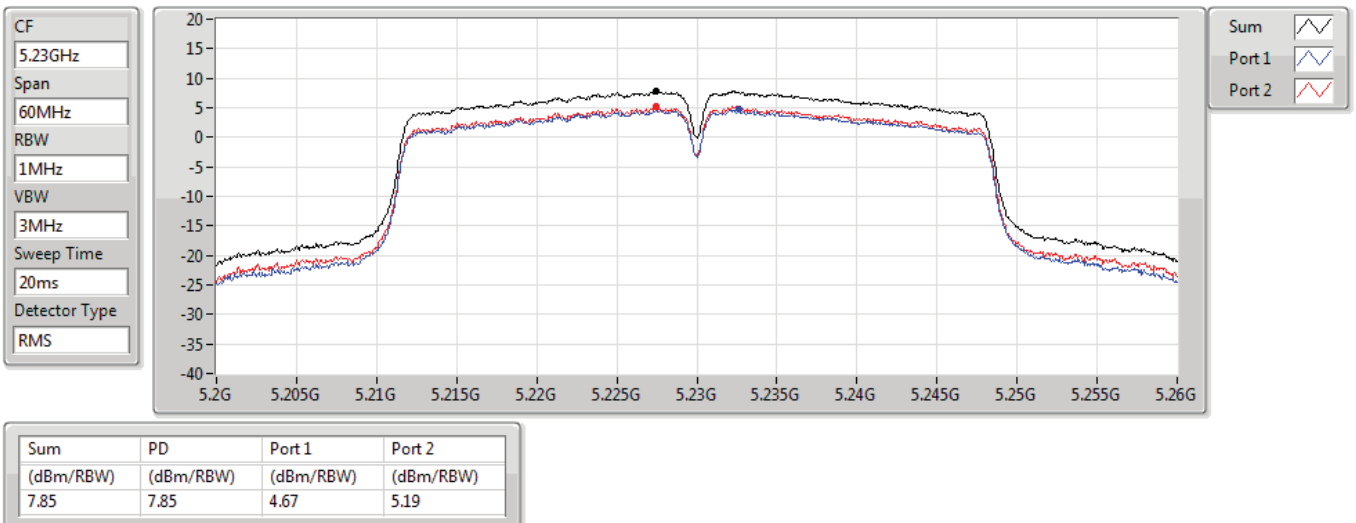


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

27/04/2021

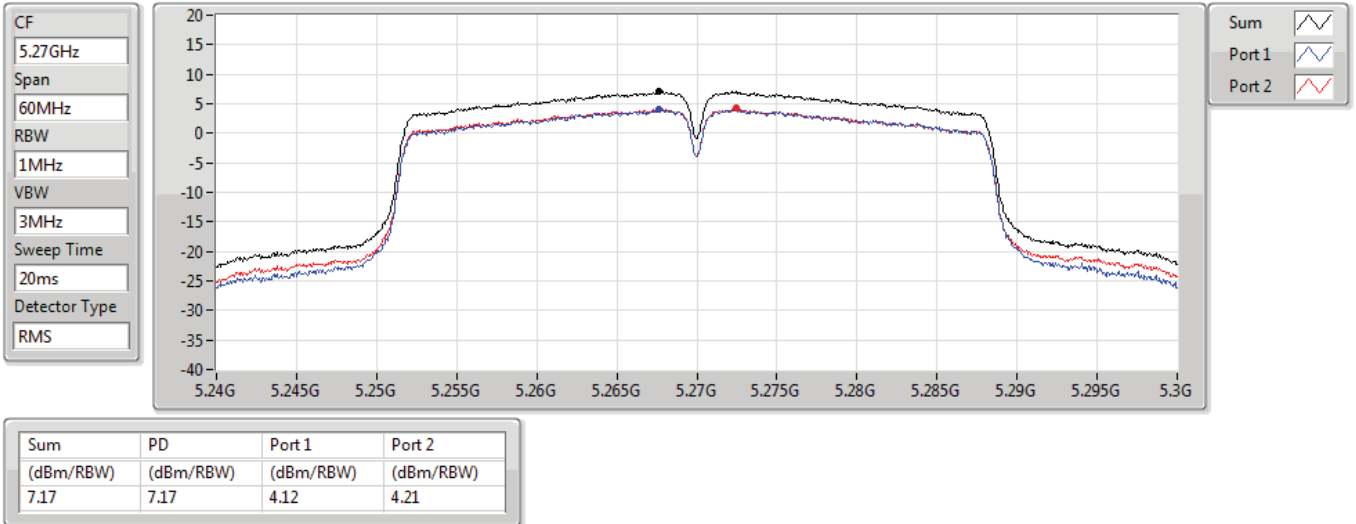


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

25/05/2021

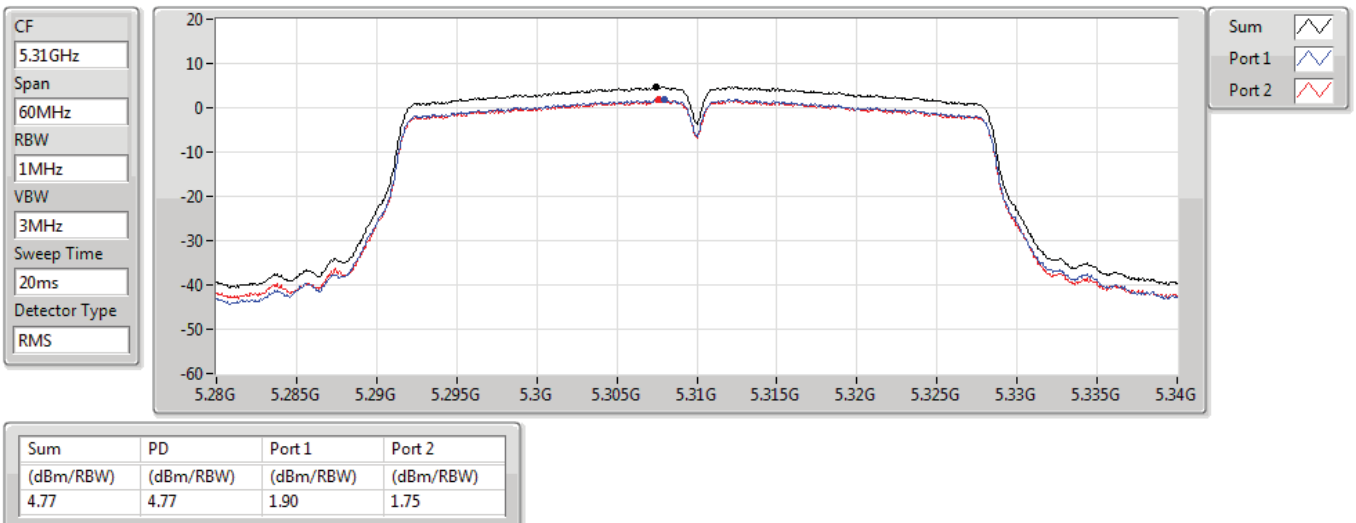


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

18/06/2021

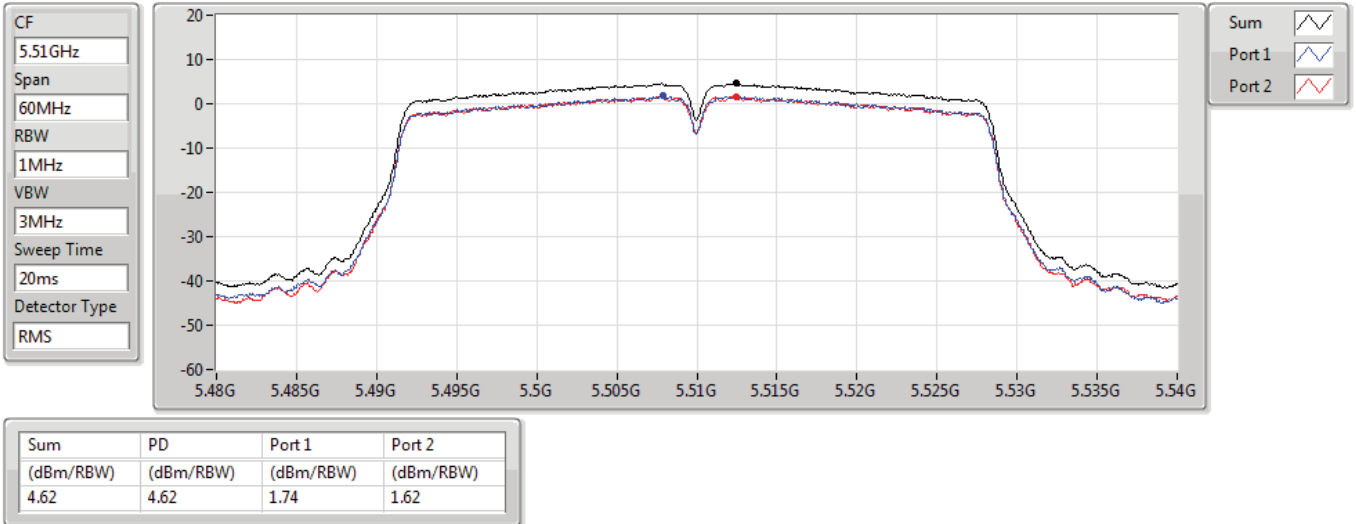


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

18/06/2021

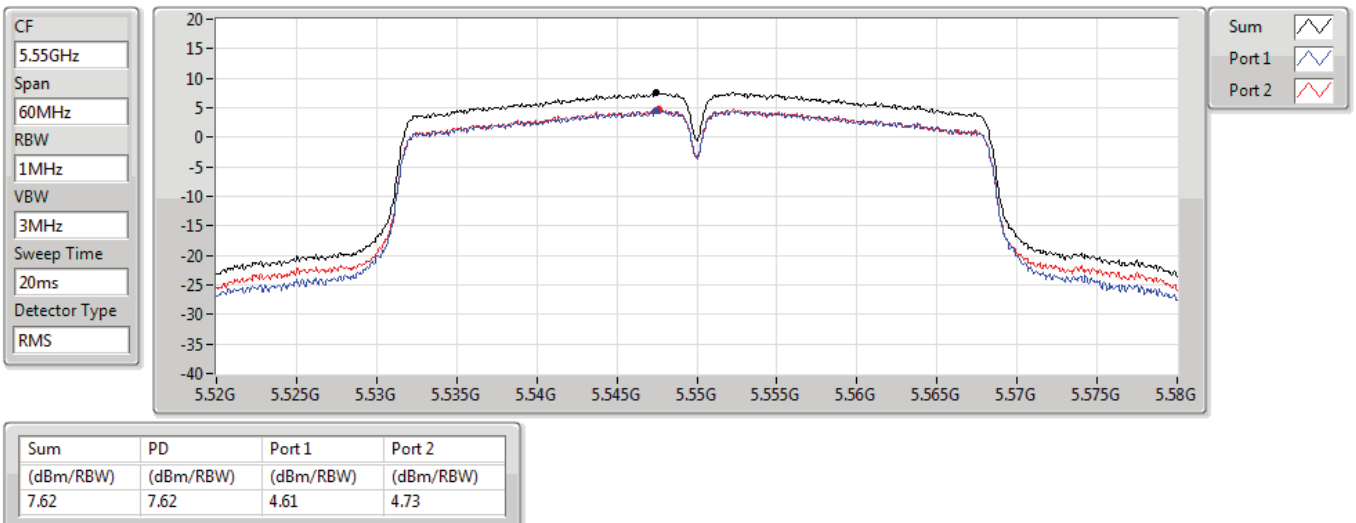


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

25/05/2021

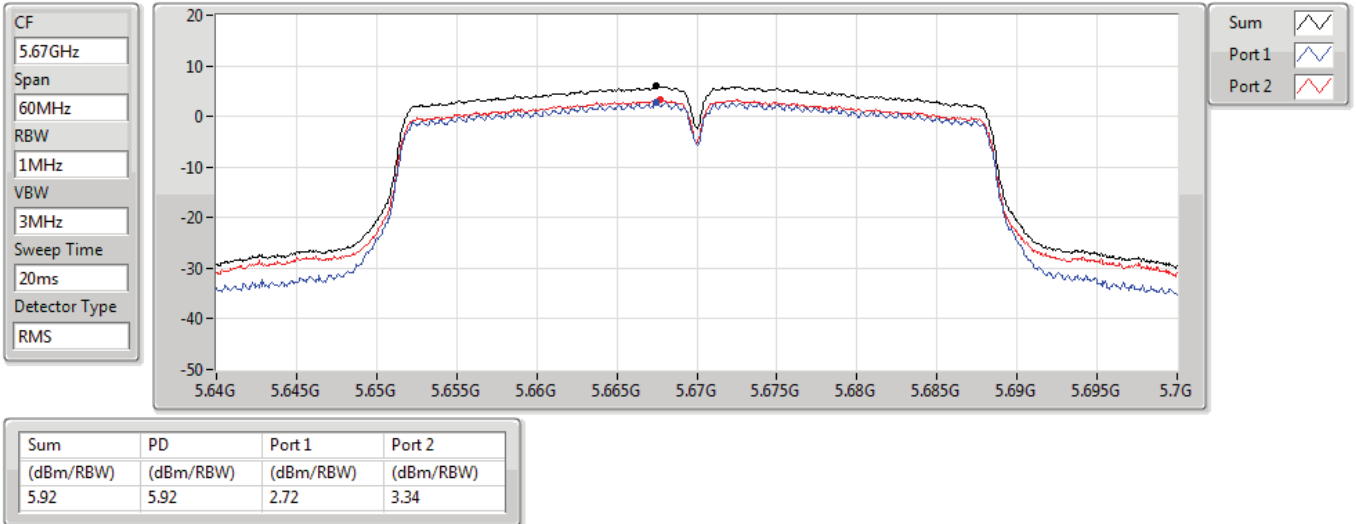


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

25/05/2021

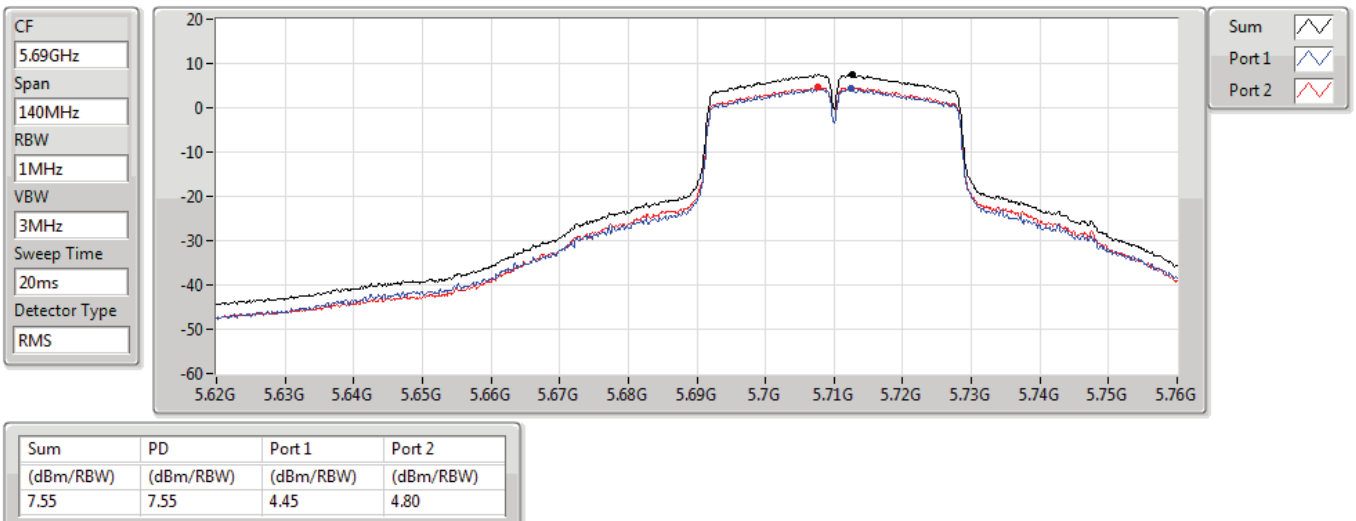


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

18/06/2021

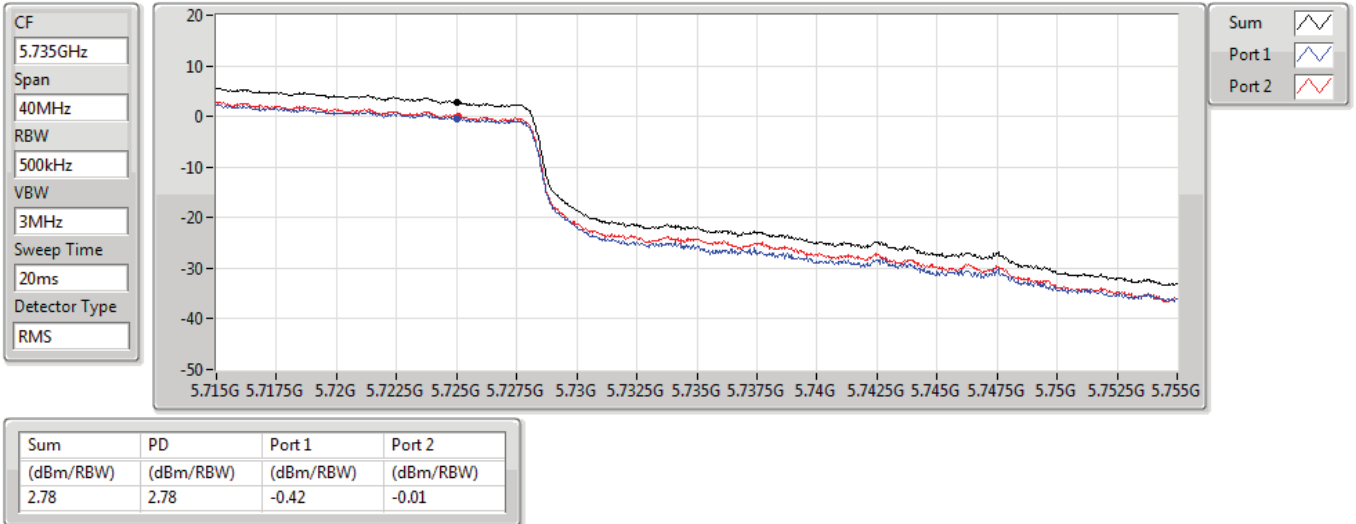


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

18/06/2021

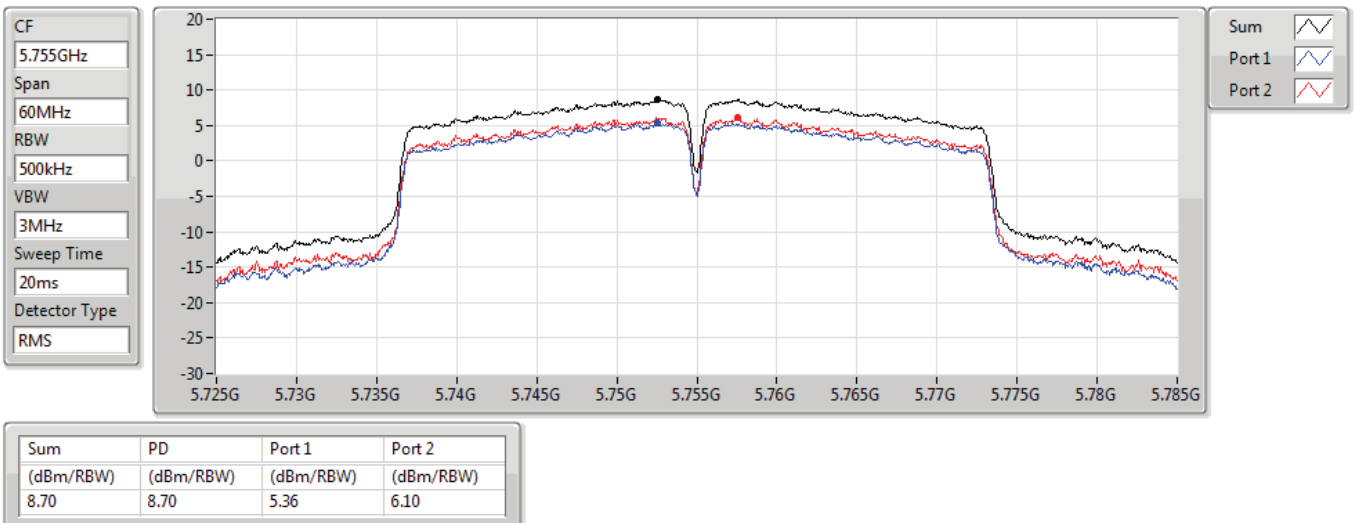


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

18/06/2021

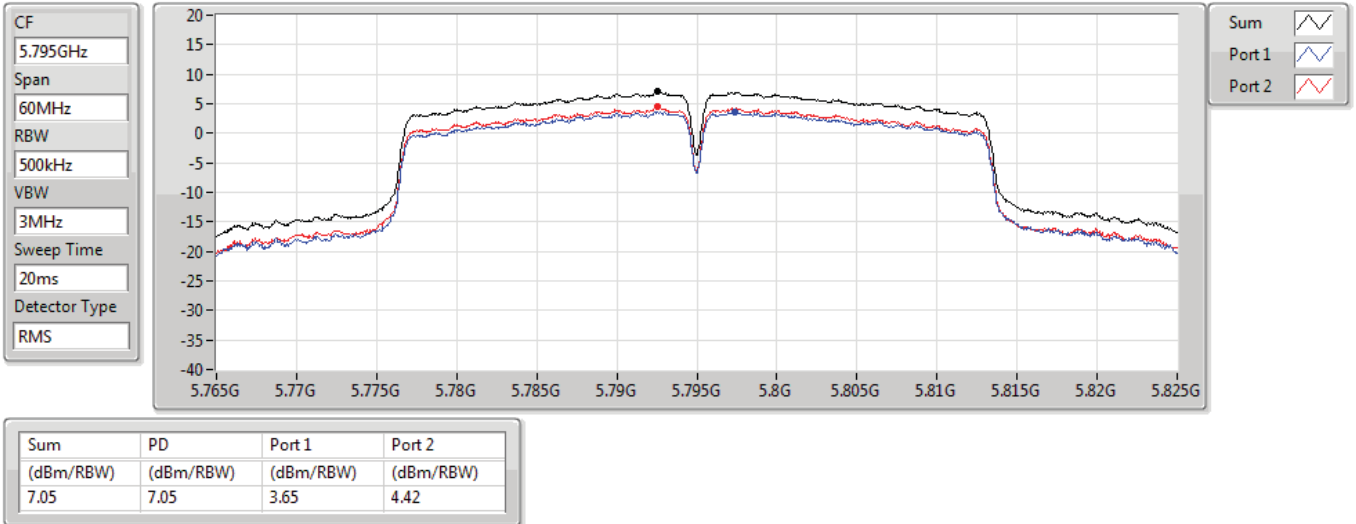


802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5795MHz

18/06/2021

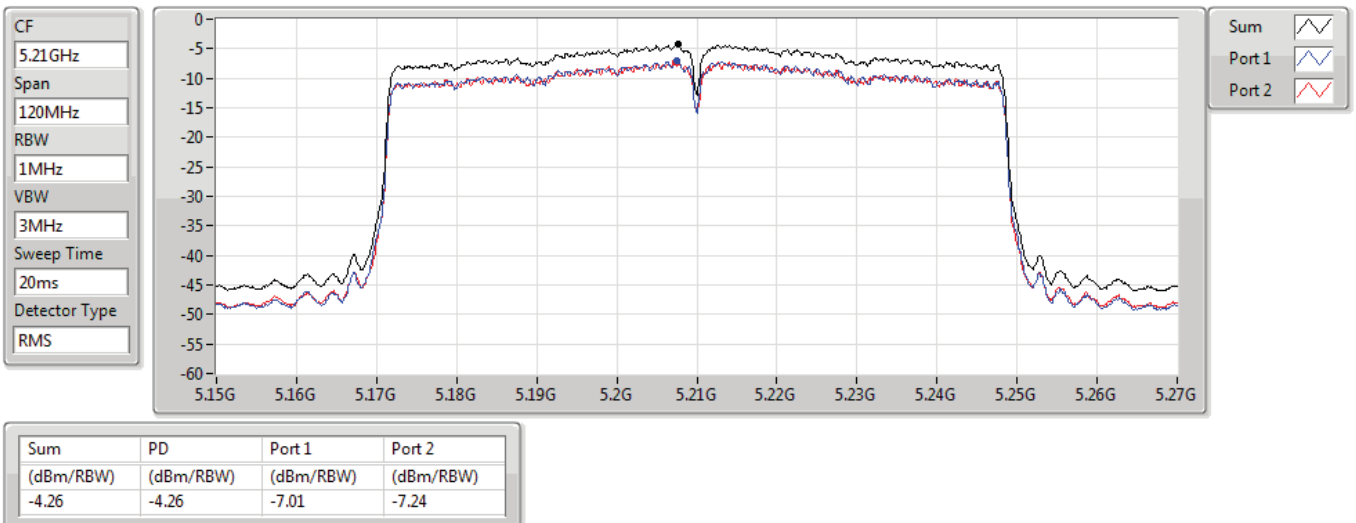


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

18/06/2021

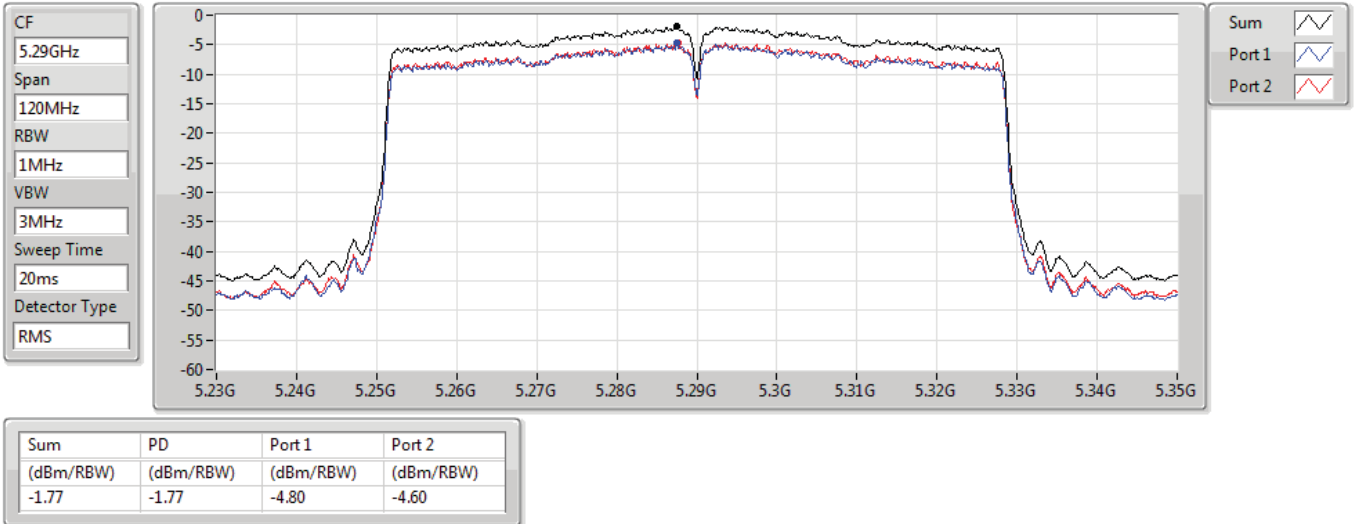


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

18/06/2021

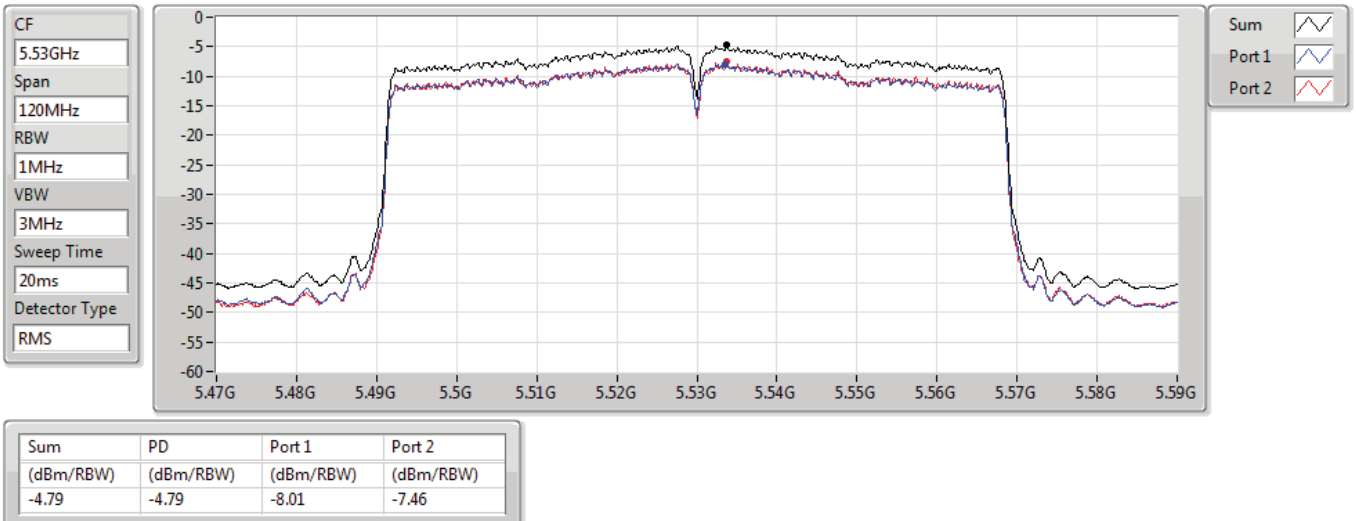


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

18/06/2021

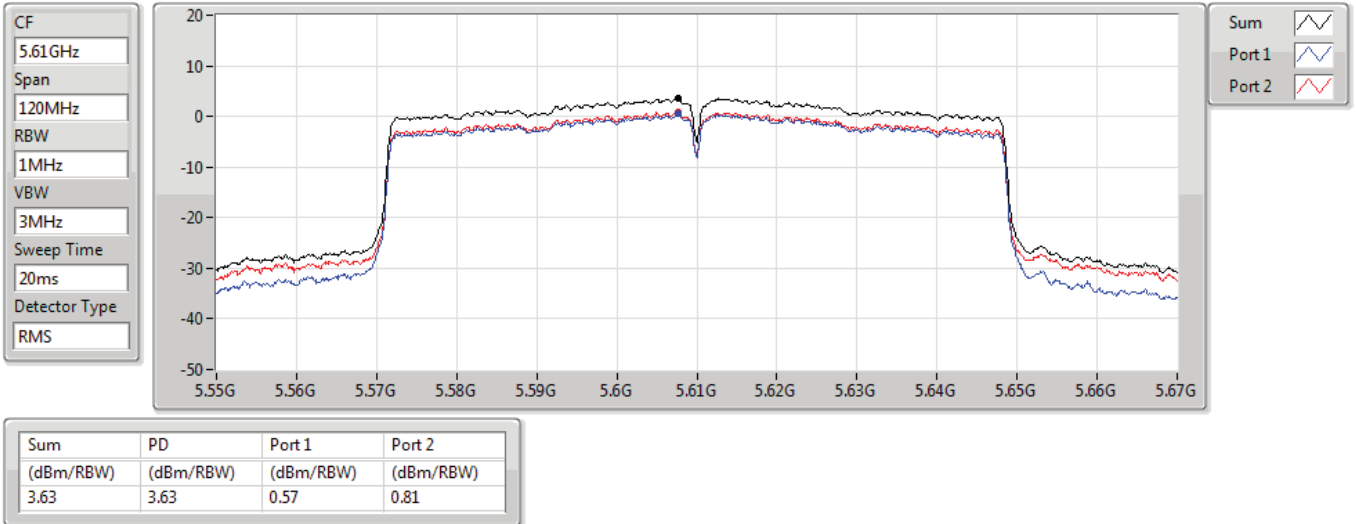


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

25/05/2021

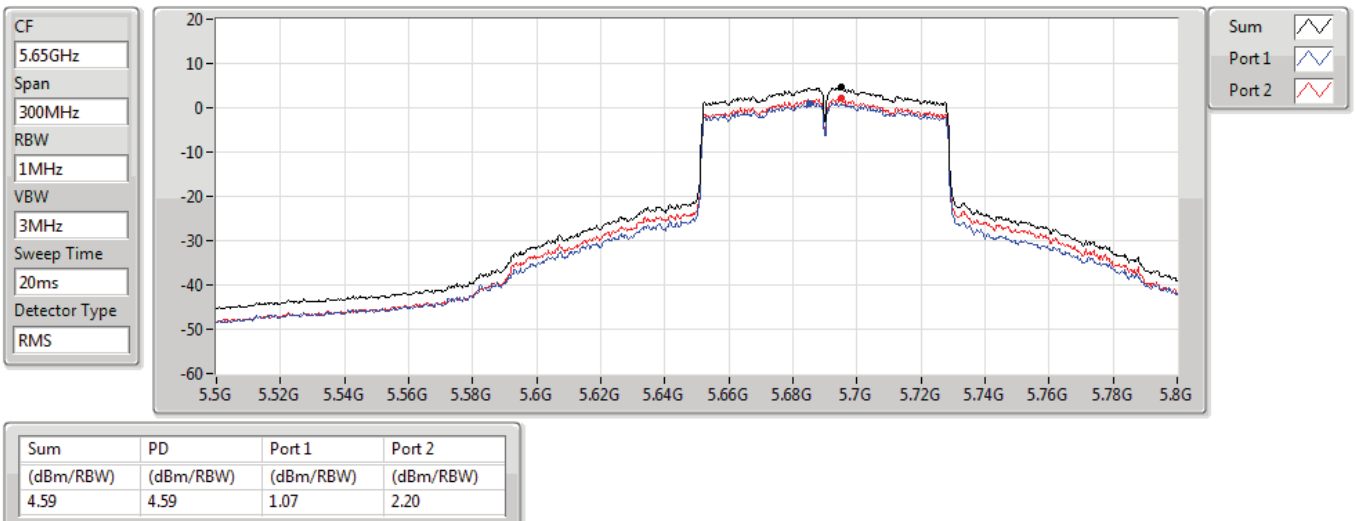


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/06/2021

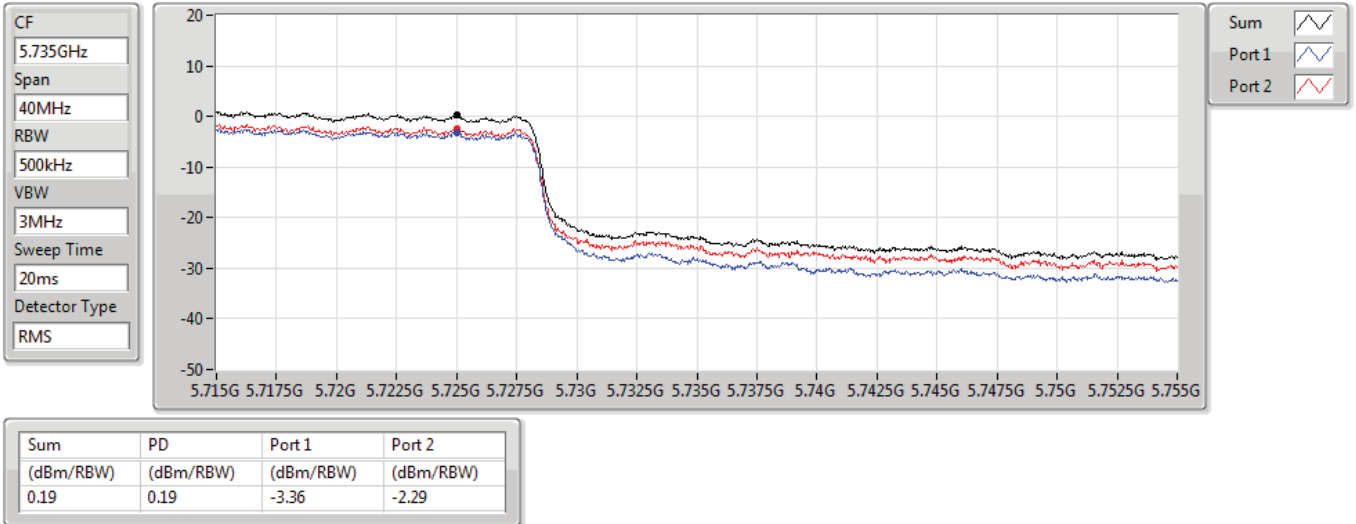


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/06/2021

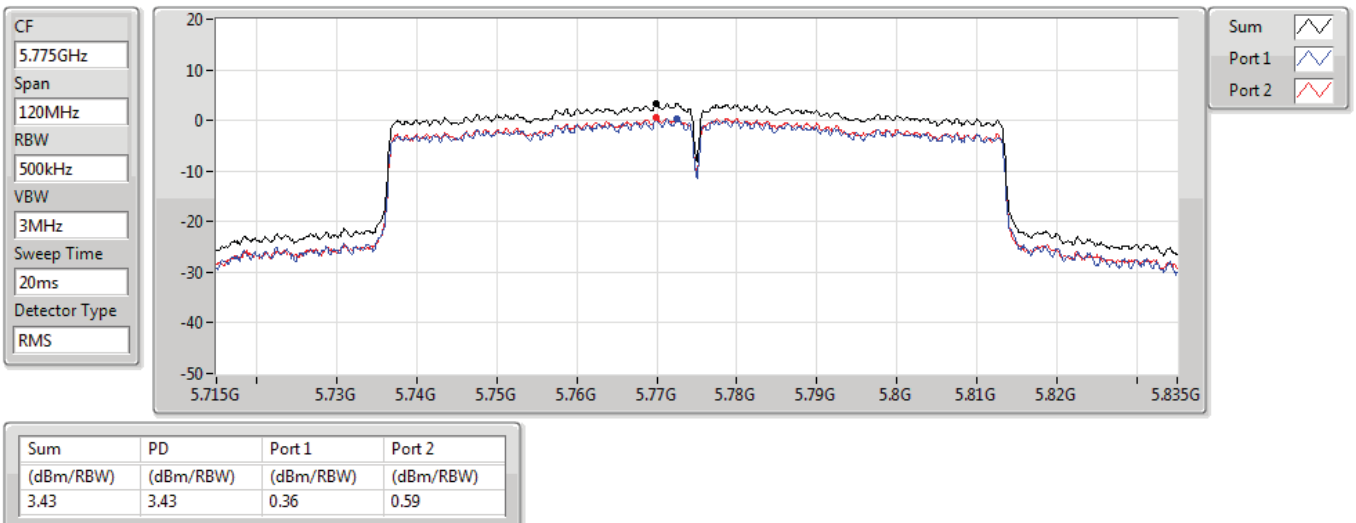


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

18/06/2021





Summary

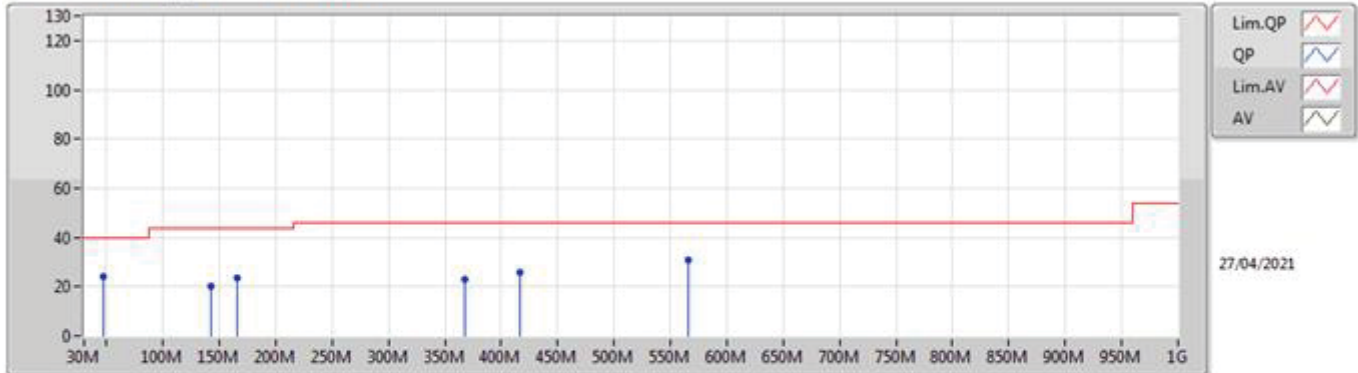
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	27.69	40.00	-12.31	3	Horizontal	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	47.46M	24.25	40.00	-15.75	3	Vertical	0	1.00	-
5775MHz	Pass	PK	142.52M	20.36	43.50	-23.14	3	Vertical	0	1.00	-
5775MHz	Pass	PK	165.8M	23.75	43.50	-19.75	3	Vertical	0	1.00	-
5775MHz	Pass	PK	367.56M	22.75	46.00	-23.25	3	Vertical	0	1.00	-
5775MHz	Pass	PK	416.06M	25.74	46.00	-20.26	3	Vertical	0	1.00	-
5775MHz	Pass	PK	565.44M	30.75	46.00	-15.25	3	Vertical	0	1.00	-
5775MHz	Pass	PK	30M	27.69	40.00	-12.31	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	121.18M	18.75	43.50	-24.75	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	260.86M	21.75	46.00	-24.25	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	418M	27.16	46.00	-18.84	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	540.22M	28.78	46.00	-17.22	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	714.82M	29.85	46.00	-16.15	3	Horizontal	360	1.00	-

802.11ac VHT80_Nss1,(MCS0)_2TX

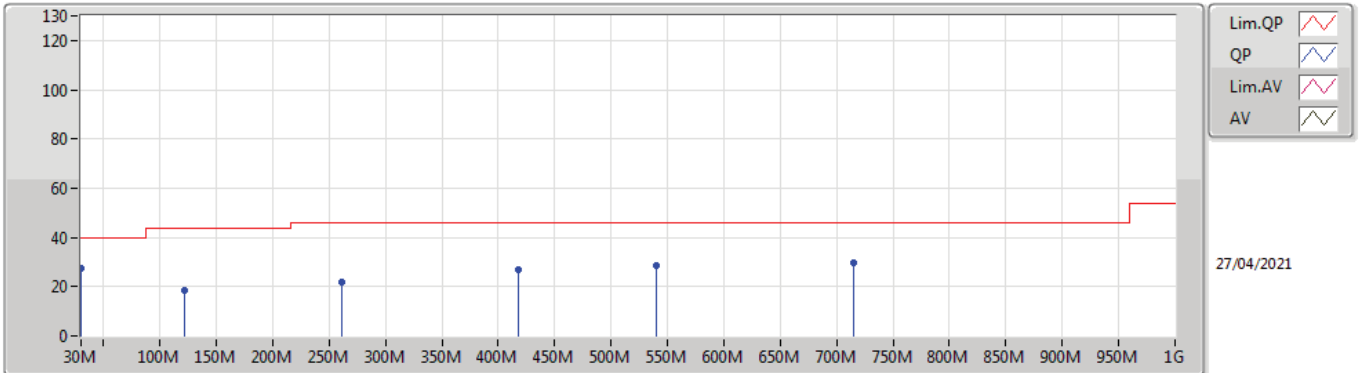
5775MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	24.25	40.00	-15.75	-12.45	3	Vertical	0	1.00	-	36.70	14.05	1.11	27.61
PK	142.52M	20.36	43.50	-23.14	-9.20	3	Vertical	0	1.00	-	29.56	16.06	2.01	27.27
PK	165.8M	23.75	43.50	-19.75	-10.10	3	Vertical	0	1.00	-	33.85	14.92	2.16	27.18
PK	367.56M	22.75	46.00	-23.25	-3.78	3	Vertical	0	1.00	-	26.53	19.96	3.33	27.07
PK	416.06M	25.74	46.00	-20.26	-2.05	3	Vertical	0	1.00	-	27.79	21.84	3.52	27.41
PK	565.44M	30.75	46.00	-15.25	0.11	3	Vertical	0	1.00	-	30.64	24.04	4.18	28.11

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	27.69	40.00	-12.31	-3.23	3	Horizontal	360	1.00	-	30.92	23.51	0.90	27.64
PK	121.18M	18.75	43.50	-24.75	-7.89	3	Horizontal	360	1.00	-	26.64	17.57	1.90	27.36
PK	260.86M	21.75	46.00	-24.25	-5.13	3	Horizontal	360	1.00	-	26.88	18.89	2.72	26.74
PK	418M	27.16	46.00	-18.84	-2.13	3	Horizontal	360	1.00	-	29.29	21.77	3.53	27.43
PK	540.22M	28.78	46.00	-17.22	0.38	3	Horizontal	360	1.00	-	28.40	24.39	4.04	28.05
PK	714.82M	29.85	46.00	-16.15	1.33	3	Horizontal	360	1.00	-	28.52	24.68	4.68	28.03

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	AV	5.15G	52.09	54.00	-1.91	3	Vertical	16	1.69	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	AV	5.15G	52.29	54.00	-1.71	3	Vertical	267	1.98	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	AV	5.1496G	52.41	54.00	-1.59	3	Vertical	319	1.93	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.137G	51.94	54.00	-2.06	3	Vertical	322	1.50	-
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	AV	5.3516G	52.41	54.00	-1.59	3	Vertical	243	1.39	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	AV	5.3504G	52.28	54.00	-1.72	3	Vertical	258	1.85	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	AV	5.3528G	52.34	54.00	-1.66	3	Vertical	12	1.50	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.354G	52.30	54.00	-1.70	3	Vertical	17	1.82	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	PK	5.7276G	66.20	68.20	-2.00	3	Vertical	336	1.48	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	PK	5.7256G	66.22	68.20	-1.98	3	Vertical	330	1.72	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	PK	5.858G	66.56	68.20	-1.64	3	Vertical	134	1.67	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	AV	5.457G	51.98	54.00	-2.02	3	Vertical	242	1.78	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1.(6Mbps)_2TX	Pass	PK	5.583G	66.53	68.20	-1.67	3	Vertical	267	1.92	-
802.11ac VHT20_Nss1.(MCS0)_2TX	Pass	PK	17.47626G	64.56	68.20	-3.64	3	Vertical	219	2.19	-
802.11ac VHT40_Nss1.(MCS0)_2TX	Pass	PK	5.6482G	66.47	68.20	-1.73	3	Vertical	221	1.84	-
802.11ac VHT80_Nss1.(MCS0)_2TX	Pass	PK	5.649G	64.53	68.20	-3.67	3	Vertical	221	1.90	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	51.24	54.00	-2.76	3	Vertical	317	2.01	-
5180MHz	Pass	AV	5.1792G	109.31	Inf	-Inf	3	Vertical	317	2.01	-
5180MHz	Pass	PK	5.1498G	66.04	74.00	-7.96	3	Vertical	317	2.01	-
5180MHz	Pass	PK	5.1792G	117.51	Inf	-Inf	3	Vertical	317	2.01	-
5180MHz	Pass	AV	15.54068G	44.89	54.00	-9.11	3	Vertical	318	1.50	-
5180MHz	Pass	PK	10.36064G	58.42	68.20	-9.78	3	Vertical	360	1.00	-
5180MHz	Pass	PK	15.53856G	56.89	74.00	-17.11	3	Vertical	318	1.50	-
5180MHz	Pass	AV	15.54876G	44.74	54.00	-9.26	3	Horizontal	179	1.11	-
5180MHz	Pass	PK	10.36576G	55.91	68.20	-12.29	3	Horizontal	360	1.39	-
5180MHz	Pass	PK	15.53016G	57.53	74.00	-16.47	3	Horizontal	179	1.11	-
5200MHz	Pass	AV	5.15G	52.09	54.00	-1.91	3	Vertical	16	1.69	-
5200MHz	Pass	AV	5.2008G	112.51	Inf	-Inf	3	Vertical	16	1.69	-
5200MHz	Pass	PK	5.1496G	64.83	74.00	-9.17	3	Vertical	16	1.69	-
5200MHz	Pass	PK	5.2008G	120.61	Inf	-Inf	3	Vertical	16	1.69	-
5200MHz	Pass	AV	15.59724G	45.56	54.00	-8.44	3	Vertical	231	2.41	-
5200MHz	Pass	PK	10.39984G	64.85	68.20	-3.35	3	Vertical	236	1.97	-
5200MHz	Pass	PK	15.60572G	57.54	74.00	-16.46	3	Vertical	231	2.41	-
5200MHz	Pass	AV	15.6006G	44.93	54.00	-9.07	3	Horizontal	199	1.50	-
5200MHz	Pass	PK	10.40184G	59.09	68.20	-9.11	3	Horizontal	164	1.01	-
5200MHz	Pass	PK	15.60152G	56.84	74.00	-17.16	3	Horizontal	199	1.50	-
5240MHz	Pass	AV	5.1428G	46.86	54.00	-7.14	3	Vertical	12	1.49	-
5240MHz	Pass	AV	5.2376G	114.10	Inf	-Inf	3	Vertical	12	1.49	-
5240MHz	Pass	AV	5.3522G	45.53	54.00	-8.47	3	Vertical	12	1.49	-
5240MHz	Pass	PK	5.1422G	58.94	74.00	-15.06	3	Vertical	12	1.49	-
5240MHz	Pass	PK	5.2388G	122.58	Inf	-Inf	3	Vertical	12	1.49	-
5240MHz	Pass	PK	5.3804G	55.59	74.00	-18.41	3	Vertical	12	1.49	-
5240MHz	Pass	AV	15.72136G	47.02	54.00	-6.98	3	Vertical	143	2.13	-
5240MHz	Pass	PK	10.47836G	64.57	68.20	-3.63	3	Vertical	236	1.94	-
5240MHz	Pass	PK	15.71652G	58.97	74.00	-15.03	3	Vertical	143	2.13	-
5240MHz	Pass	AV	15.72712G	44.73	54.00	-9.27	3	Horizontal	284	2.97	-
5240MHz	Pass	PK	10.47864G	57.58	68.20	-10.62	3	Horizontal	311	1.30	-
5240MHz	Pass	PK	15.71544G	57.15	74.00	-16.85	3	Horizontal	284	2.97	-
5260MHz	Pass	AV	5.15G	48.15	54.00	-5.85	3	Vertical	354	1.52	-
5260MHz	Pass	AV	5.2612G	116.02	Inf	-Inf	3	Vertical	354	1.52	-
5260MHz	Pass	AV	5.3512G	50.84	54.00	-3.16	3	Vertical	354	1.52	-
5260MHz	Pass	PK	5.1418G	60.67	74.00	-13.33	3	Vertical	354	1.52	-
5260MHz	Pass	PK	5.2612G	125.16	Inf	-Inf	3	Vertical	354	1.52	-
5260MHz	Pass	PK	5.3518G	67.98	74.00	-6.02	3	Vertical	354	1.52	-
5260MHz	Pass	AV	15.7758G	48.12	54.00	-5.88	3	Vertical	145	2.16	-
5260MHz	Pass	PK	10.51828G	64.80	68.20	-3.40	3	Vertical	236	1.96	-
5260MHz	Pass	PK	15.77636G	59.87	74.00	-14.13	3	Vertical	145	2.16	-
5260MHz	Pass	AV	15.78168G	45.84	54.00	-8.16	3	Horizontal	360	3.00	-
5260MHz	Pass	PK	10.52192G	58.52	68.20	-9.68	3	Horizontal	191	2.82	-
5260MHz	Pass	PK	15.7866G	57.94	74.00	-16.06	3	Horizontal	360	3.00	-
5300MHz	Pass	AV	5.15G	45.38	54.00	-8.62	3	Vertical	243	1.39	-
5300MHz	Pass	AV	5.3018G	113.16	Inf	-Inf	3	Vertical	243	1.39	-
5300MHz	Pass	AV	5.3516G	52.41	54.00	-1.59	3	Vertical	243	1.39	-
5300MHz	Pass	PK	5.15G	55.66	74.00	-18.34	3	Vertical	243	1.39	-
5300MHz	Pass	PK	5.2976G	121.67	Inf	-Inf	3	Vertical	243	1.39	-
5300MHz	Pass	PK	5.3522G	65.95	74.00	-8.05	3	Vertical	243	1.39	-
5300MHz	Pass	AV	15.9G	44.74	54.00	-9.26	3	Vertical	205	1.49	-
5300MHz	Pass	PK	10.5964G	60.25	68.20	-7.95	3	Vertical	334	2.02	-
5300MHz	Pass	PK	15.89508G	57.15	74.00	-16.85	3	Vertical	205	1.49	-
5300MHz	Pass	AV	15.90852G	44.29	54.00	-9.71	3	Horizontal	71	1.50	-
5300MHz	Pass	PK	10.59636G	57.61	68.20	-10.59	3	Horizontal	194	2.73	-
5300MHz	Pass	PK	15.8916G	56.28	74.00	-17.72	3	Horizontal	71	1.50	-
5320MHz	Pass	AV	5.3208G	108.33	Inf	-Inf	3	Vertical	18	1.58	-
5320MHz	Pass	AV	5.35G	52.26	54.00	-1.74	3	Vertical	18	1.58	-
5320MHz	Pass	PK	5.3208G	115.91	Inf	-Inf	3	Vertical	18	1.58	-
5320MHz	Pass	PK	5.3502G	65.19	74.00	-8.81	3	Vertical	18	1.58	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5320MHz	Pass	AV	10.63792G	45.04	54.00	-8.96	3	Vertical	340	1.93	-
5320MHz	Pass	AV	15.96032G	45.12	54.00	-8.88	3	Vertical	150	2.53	-
5320MHz	Pass	PK	10.6442G	57.17	74.00	-16.83	3	Vertical	340	1.93	-
5320MHz	Pass	PK	15.95852G	57.25	74.00	-16.75	3	Vertical	150	2.53	-
5320MHz	Pass	AV	10.63356G	44.00	54.00	-10.00	3	Horizontal	150	1.35	-
5320MHz	Pass	AV	15.95656G	44.86	54.00	-9.14	3	Horizontal	325	1.50	-
5320MHz	Pass	PK	10.63824G	55.75	74.00	-18.25	3	Horizontal	150	1.35	-
5320MHz	Pass	PK	15.96392G	57.30	74.00	-16.70	3	Horizontal	325	1.50	-
5500MHz	Pass	AV	5.4598G	49.16	54.00	-4.84	3	Vertical	0	1.50	-
5500MHz	Pass	AV	5.499G	107.67	Inf	-Inf	3	Vertical	0	1.50	-
5500MHz	Pass	PK	5.4676G	61.67	68.20	-6.53	3	Vertical	0	1.50	-
5500MHz	Pass	PK	5.4992G	115.73	Inf	-Inf	3	Vertical	0	1.50	-
5500MHz	Pass	AV	11.00356G	46.27	54.00	-7.73	3	Vertical	184	2.93	-
5500MHz	Pass	PK	10.9936G	58.60	74.00	-15.40	3	Vertical	184	2.93	-
5500MHz	Pass	PK	16.5028G	59.37	68.20	-8.83	3	Vertical	328	1.15	-
5500MHz	Pass	AV	10.9906G	45.02	54.00	-8.98	3	Horizontal	131	1.50	-
5500MHz	Pass	PK	10.99412G	57.57	74.00	-16.43	3	Horizontal	131	1.50	-
5500MHz	Pass	PK	16.5096G	58.98	68.20	-9.22	3	Horizontal	163	1.50	-
5580MHz	Pass	AV	5.4534G	45.99	54.00	-8.01	3	Vertical	185	1.63	-
5580MHz	Pass	AV	5.5788G	114.05	Inf	-Inf	3	Vertical	185	1.63	-
5580MHz	Pass	PK	5.4696G	58.21	68.20	-9.99	3	Vertical	185	1.63	-
5580MHz	Pass	PK	5.5794G	122.46	Inf	-Inf	3	Vertical	185	1.63	-
5580MHz	Pass	PK	5.7282G	57.14	68.20	-11.06	3	Vertical	185	1.63	-
5580MHz	Pass	AV	11.15808G	50.74	54.00	-3.26	3	Vertical	160	1.33	-
5580MHz	Pass	PK	11.15828G	62.59	74.00	-11.41	3	Vertical	160	1.33	-
5580MHz	Pass	PK	16.74928G	60.82	68.20	-7.38	3	Vertical	208	2.25	-
5580MHz	Pass	AV	11.15844G	45.76	54.00	-8.24	3	Horizontal	152	1.32	-
5580MHz	Pass	PK	11.1538G	58.25	74.00	-15.75	3	Horizontal	152	1.32	-
5580MHz	Pass	PK	16.74632G	60.25	68.20	-7.95	3	Horizontal	122	2.26	-
5700MHz	Pass	AV	5.6988G	106.98	Inf	-Inf	3	Vertical	336	1.48	-
5700MHz	Pass	PK	5.6992G	115.03	Inf	-Inf	3	Vertical	336	1.48	-
5700MHz	Pass	PK	5.7276G	66.20	68.20	-2.00	3	Vertical	336	1.48	-
5700MHz	Pass	AV	11.39724G	46.01	54.00	-7.99	3	Vertical	139	2.93	-
5700MHz	Pass	PK	11.40268G	57.57	74.00	-16.43	3	Vertical	139	2.93	-
5700MHz	Pass	PK	17.10072G	61.49	68.20	-6.71	3	Vertical	253	1.50	-
5700MHz	Pass	AV	11.3994G	45.10	54.00	-8.90	3	Horizontal	0	2.57	-
5700MHz	Pass	PK	11.39992G	57.49	74.00	-16.51	3	Horizontal	0	2.57	-
5700MHz	Pass	PK	17.10456G	61.42	68.20	-6.78	3	Horizontal	183	1.37	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	45.28	54.00	-8.72	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	107.85	Inf	-Inf	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4464G	57.04	74.00	-16.96	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.12	68.20	-11.08	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	115.85	Inf	-Inf	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.888G	58.38	68.20	-9.82	3	Vertical	0	1.84	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44204G	49.22	54.00	-4.78	3	Vertical	268	1.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44186G	61.67	74.00	-12.33	3	Vertical	268	1.97	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15862G	63.21	68.20	-4.99	3	Vertical	216	2.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4352G	45.56	54.00	-8.44	3	Horizontal	129	2.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43352G	57.72	74.00	-16.28	3	Horizontal	129	2.00	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15916G	62.07	68.20	-6.13	3	Horizontal	0	1.50	-
5745MHz	Pass	AV	5.7426G	115.98	Inf	-Inf	3	Vertical	267	1.92	-
5745MHz	Pass	PK	5.583G	66.53	68.20	-1.67	3	Vertical	267	1.92	-
5745MHz	Pass	PK	5.7426G	125.05	Inf	-Inf	3	Vertical	267	1.92	-
5745MHz	Pass	PK	5.9706G	58.62	68.20	-9.58	3	Vertical	267	1.92	-
5745MHz	Pass	AV	11.49096G	48.68	54.00	-5.32	3	Vertical	145	2.95	-
5745MHz	Pass	PK	11.48742G	61.71	74.00	-12.29	3	Vertical	145	2.95	-
5745MHz	Pass	PK	17.2266G	63.06	68.20	-5.14	3	Vertical	219	2.03	-
5745MHz	Pass	AV	11.49054G	45.97	54.00	-8.03	3	Horizontal	0	2.86	-
5745MHz	Pass	PK	11.49882G	58.35	74.00	-15.65	3	Horizontal	0	2.86	-
5745MHz	Pass	PK	17.24676G	61.86	68.20	-6.34	3	Horizontal	131	1.25	-
5785MHz	Pass	AV	5.7862G	114.36	Inf	-Inf	3	Vertical	65	1.88	-
5785MHz	Pass	PK	5.6206G	64.65	68.20	-3.55	3	Vertical	65	1.88	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.7862G	123.03	Inf	-Inf	3	Vertical	65	1.88	-
5785MHz	Pass	PK	5.9518G	63.01	68.20	-5.19	3	Vertical	65	1.88	-
5785MHz	Pass	AV	11.56808G	48.97	54.00	-5.03	3	Vertical	153	2.75	-
5785MHz	Pass	PK	11.5757G	59.25	74.00	-14.75	3	Vertical	153	2.75	-
5785MHz	Pass	PK	17.36544G	62.86	68.20	-5.34	3	Vertical	158	1.12	-
5785MHz	Pass	AV	11.5715G	47.62	54.00	-6.38	3	Horizontal	296	2.00	-
5785MHz	Pass	PK	11.5586G	59.13	74.00	-14.87	3	Horizontal	296	2.00	-
5785MHz	Pass	PK	17.34108G	62.07	68.20	-6.13	3	Horizontal	273	1.86	-
5825MHz	Pass	AV	5.8274G	115.41	Inf	-Inf	3	Vertical	267	1.88	-
5825MHz	Pass	PK	5.6522G	66.93	69.83	-2.90	3	Vertical	267	1.88	-
5825MHz	Pass	PK	5.8226G	124.20	Inf	-Inf	3	Vertical	267	1.88	-
5825MHz	Pass	PK	5.9894G	65.02	68.20	-3.18	3	Vertical	267	1.88	-
5825MHz	Pass	AV	11.64862G	46.48	54.00	-7.52	3	Vertical	155	2.97	-
5825MHz	Pass	PK	11.64868G	58.63	74.00	-15.37	3	Vertical	155	2.97	-
5825MHz	Pass	PK	17.4756G	63.12	68.20	-5.08	3	Vertical	21	1.50	-
5825MHz	Pass	AV	11.65618G	45.35	54.00	-8.65	3	Horizontal	287	2.40	-
5825MHz	Pass	PK	11.64388G	57.67	74.00	-16.33	3	Horizontal	287	2.40	-
5825MHz	Pass	PK	17.46966G	62.93	68.20	-5.27	3	Horizontal	354	2.00	-
802.11ac VHT20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	52.29	54.00	-1.71	3	Vertical	267	1.98	-
5180MHz	Pass	AV	5.1778G	108.71	Inf	-Inf	3	Vertical	267	1.98	-
5180MHz	Pass	PK	5.1492G	62.39	74.00	-11.61	3	Vertical	267	1.98	-
5180MHz	Pass	PK	5.1774G	117.88	Inf	-Inf	3	Vertical	267	1.98	-
5180MHz	Pass	AV	15.53574G	46.64	54.00	-7.36	3	Vertical	338	2.17	-
5180MHz	Pass	PK	10.36438G	58.16	68.20	-10.04	3	Vertical	193	1.00	-
5180MHz	Pass	PK	15.5439G	57.99	74.00	-16.01	3	Vertical	338	2.17	-
5180MHz	Pass	AV	15.54522G	46.50	54.00	-7.50	3	Horizontal	219	1.49	-
5180MHz	Pass	PK	10.3468G	57.20	68.20	-11.00	3	Horizontal	82	1.14	-
5180MHz	Pass	PK	15.53994G	57.46	74.00	-16.54	3	Horizontal	219	1.49	-
5200MHz	Pass	AV	5.15G	51.93	54.00	-2.07	3	Vertical	348	1.50	-
5200MHz	Pass	AV	5.198G	110.88	Inf	-Inf	3	Vertical	348	1.50	-
5200MHz	Pass	PK	5.1484G	63.77	74.00	-10.23	3	Vertical	348	1.50	-
5200MHz	Pass	PK	5.1976G	119.94	Inf	-Inf	3	Vertical	348	1.50	-
5200MHz	Pass	AV	15.59952G	47.93	54.00	-6.07	3	Vertical	145	2.38	-
5200MHz	Pass	PK	10.39868G	60.90	68.20	-7.30	3	Vertical	149	1.52	-
5200MHz	Pass	PK	15.59976G	59.24	74.00	-14.76	3	Vertical	145	2.38	-
5200MHz	Pass	AV	15.59076G	46.72	54.00	-7.28	3	Horizontal	142	1.49	-
5200MHz	Pass	PK	10.40102G	59.91	68.20	-8.29	3	Horizontal	13	1.91	-
5200MHz	Pass	PK	15.5985G	58.07	74.00	-15.93	3	Horizontal	142	1.49	-
5240MHz	Pass	AV	5.15G	51.24	54.00	-2.76	3	Vertical	238	1.96	-
5240MHz	Pass	AV	5.2376G	114.63	Inf	-Inf	3	Vertical	238	1.96	-
5240MHz	Pass	AV	5.351G	47.79	54.00	-6.21	3	Vertical	238	1.96	-
5240MHz	Pass	PK	5.1422G	62.18	74.00	-11.82	3	Vertical	238	1.96	-
5240MHz	Pass	PK	5.2412G	122.60	Inf	-Inf	3	Vertical	238	1.96	-
5240MHz	Pass	PK	5.3528G	58.10	74.00	-15.90	3	Vertical	238	1.96	-
5240MHz	Pass	AV	15.72258G	49.39	54.00	-4.61	3	Vertical	211	2.34	-
5240MHz	Pass	PK	10.47094G	63.36	68.20	-4.84	3	Vertical	337	1.50	-
5240MHz	Pass	PK	15.71784G	60.78	74.00	-13.22	3	Vertical	211	2.34	-
5240MHz	Pass	AV	15.7305G	46.91	54.00	-7.09	3	Horizontal	47	1.15	-
5240MHz	Pass	PK	10.47658G	60.99	68.20	-7.21	3	Horizontal	233	2.34	-
5240MHz	Pass	PK	15.73278G	57.68	74.00	-16.32	3	Horizontal	47	1.15	-
5260MHz	Pass	AV	5.1478G	47.84	54.00	-6.16	3	Vertical	8	1.52	-
5260MHz	Pass	AV	5.2624G	113.71	Inf	-Inf	3	Vertical	8	1.52	-
5260MHz	Pass	AV	5.35G	48.18	54.00	-5.82	3	Vertical	8	1.52	-
5260MHz	Pass	PK	5.14G	57.22	74.00	-16.78	3	Vertical	8	1.52	-
5260MHz	Pass	PK	5.2594G	122.15	Inf	-Inf	3	Vertical	8	1.52	-
5260MHz	Pass	PK	5.35G	57.82	74.00	-16.18	3	Vertical	8	1.52	-
5260MHz	Pass	AV	15.77598G	48.42	54.00	-5.58	3	Vertical	212	1.09	-
5260MHz	Pass	PK	10.51622G	64.84	68.20	-3.36	3	Vertical	192	1.00	-
5260MHz	Pass	PK	15.7761G	59.55	74.00	-14.45	3	Vertical	212	1.09	-
5260MHz	Pass	AV	15.77934G	46.91	54.00	-7.09	3	Horizontal	339	1.19	-
5260MHz	Pass	PK	10.51826G	60.29	68.20	-7.91	3	Horizontal	140	1.06	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5260MHz	Pass	PK	15.78618G	57.94	74.00	-16.06	3	Horizontal	339	1.19	-
5300MHz	Pass	AV	5.298G	110.99	Inf	-Inf	3	Vertical	258	1.85	-
5300MHz	Pass	AV	5.3504G	52.28	54.00	-1.72	3	Vertical	258	1.85	-
5300MHz	Pass	PK	5.298G	119.39	Inf	-Inf	3	Vertical	258	1.85	-
5300MHz	Pass	PK	5.3768G	63.63	74.00	-10.37	3	Vertical	258	1.85	-
5300MHz	Pass	AV	15.8976G	46.69	54.00	-7.31	3	Vertical	221	2.82	-
5300MHz	Pass	PK	10.5961G	60.56	68.20	-7.64	3	Vertical	337	1.65	-
5300MHz	Pass	PK	15.90258G	58.44	74.00	-15.56	3	Vertical	221	2.82	-
5300MHz	Pass	AV	15.9078G	45.87	54.00	-8.13	3	Horizontal	333	1.50	-
5300MHz	Pass	PK	10.5961G	58.54	68.20	-9.66	3	Horizontal	360	2.80	-
5300MHz	Pass	PK	15.9087G	57.27	74.00	-16.73	3	Horizontal	333	1.50	-
5320MHz	Pass	AV	5.3222G	106.94	Inf	-Inf	3	Vertical	3	1.57	-
5320MHz	Pass	AV	5.3502G	50.36	54.00	-3.64	3	Vertical	3	1.57	-
5320MHz	Pass	PK	5.322G	115.16	Inf	-Inf	3	Vertical	3	1.57	-
5320MHz	Pass	PK	5.3566G	63.10	74.00	-10.90	3	Vertical	3	1.57	-
5320MHz	Pass	AV	10.6412G	47.12	54.00	-6.88	3	Vertical	193	1.00	-
5320MHz	Pass	AV	15.972G	46.17	54.00	-7.83	3	Vertical	103	2.30	-
5320MHz	Pass	PK	10.6385G	58.22	74.00	-15.78	3	Vertical	193	1.00	-
5320MHz	Pass	PK	15.97116G	57.37	74.00	-16.63	3	Vertical	103	2.30	-
5320MHz	Pass	AV	10.62926G	45.70	54.00	-8.30	3	Horizontal	309	2.73	-
5320MHz	Pass	AV	15.94992G	46.40	54.00	-7.60	3	Horizontal	137	1.50	-
5320MHz	Pass	PK	10.63916G	56.79	74.00	-17.21	3	Horizontal	309	2.73	-
5320MHz	Pass	PK	15.96432G	58.24	74.00	-15.76	3	Horizontal	137	1.50	-
5500MHz	Pass	AV	5.453G	49.84	54.00	-4.16	3	Vertical	0	1.50	-
5500MHz	Pass	AV	5.5022G	106.02	Inf	-Inf	3	Vertical	0	1.50	-
5500MHz	Pass	PK	5.4594G	60.62	74.00	-13.38	3	Vertical	0	1.50	-
5500MHz	Pass	PK	5.47G	62.43	68.20	-5.77	3	Vertical	0	1.50	-
5500MHz	Pass	PK	5.502G	114.31	Inf	-Inf	3	Vertical	0	1.50	-
5500MHz	Pass	AV	10.99856G	47.32	54.00	-6.68	3	Vertical	8	2.09	-
5500MHz	Pass	PK	11.0063G	58.13	74.00	-15.87	3	Vertical	8	2.09	-
5500MHz	Pass	PK	16.49574G	59.92	68.20	-8.28	3	Vertical	54	1.50	-
5500MHz	Pass	AV	11.003G	46.15	54.00	-7.85	3	Horizontal	215	2.50	-
5500MHz	Pass	PK	11.01494G	57.69	74.00	-16.31	3	Horizontal	215	2.50	-
5500MHz	Pass	PK	16.5036G	60.46	68.20	-7.74	3	Horizontal	12	1.50	-
5580MHz	Pass	AV	5.4528G	47.06	54.00	-6.94	3	Vertical	257	1.88	-
5580MHz	Pass	AV	5.5776G	112.62	Inf	-Inf	3	Vertical	257	1.88	-
5580MHz	Pass	PK	5.4486G	57.16	74.00	-16.84	3	Vertical	257	1.88	-
5580MHz	Pass	PK	5.4672G	57.80	68.20	-10.40	3	Vertical	257	1.88	-
5580MHz	Pass	PK	5.5782G	121.37	Inf	-Inf	3	Vertical	257	1.88	-
5580MHz	Pass	PK	5.7264G	57.35	68.20	-10.85	3	Vertical	257	1.88	-
5580MHz	Pass	AV	11.15856G	50.73	54.00	-3.27	3	Vertical	159	1.24	-
5580MHz	Pass	PK	11.15868G	61.59	74.00	-12.41	3	Vertical	159	1.24	-
5580MHz	Pass	PK	16.72848G	61.10	68.20	-7.10	3	Vertical	220	2.61	-
5580MHz	Pass	AV	11.16072G	47.44	54.00	-6.56	3	Horizontal	223	2.72	-
5580MHz	Pass	PK	11.1738G	58.86	74.00	-15.14	3	Horizontal	223	2.72	-
5580MHz	Pass	PK	16.73676G	60.60	68.20	-7.60	3	Horizontal	228	1.49	-
5700MHz	Pass	AV	5.698G	105.17	Inf	-Inf	3	Vertical	330	1.72	-
5700MHz	Pass	PK	5.6976G	114.02	Inf	-Inf	3	Vertical	330	1.72	-
5700MHz	Pass	PK	5.7256G	66.22	68.20	-1.98	3	Vertical	330	1.72	-
5700MHz	Pass	AV	11.39898G	46.43	54.00	-7.57	3	Vertical	332	1.50	-
5700MHz	Pass	PK	11.40678G	57.42	74.00	-16.58	3	Vertical	332	1.50	-
5700MHz	Pass	PK	17.0943G	62.05	68.20	-6.15	3	Vertical	270	2.00	-
5700MHz	Pass	AV	11.3955G	46.28	54.00	-7.72	3	Horizontal	272	2.32	-
5700MHz	Pass	PK	11.3964G	57.35	74.00	-16.65	3	Horizontal	272	2.32	-
5700MHz	Pass	PK	17.09202G	61.20	68.20	-7.00	3	Horizontal	90	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4368G	46.11	54.00	-7.89	3	Vertical	337	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	112.74	Inf	-Inf	3	Vertical	337	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	54.84	68.20	-13.36	3	Vertical	337	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	120.63	Inf	-Inf	3	Vertical	337	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8796G	62.21	68.20	-5.99	3	Vertical	337	1.82	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43772G	49.54	54.00	-4.46	3	Vertical	144	2.77	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43652G	60.29	74.00	-13.71	3	Vertical	144	2.77	-



RSE TX above 1GHz

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16774G	62.99	68.20	-5.21	3	Vertical	216	2.68	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43436G	46.05	54.00	-7.95	3	Horizontal	360	1.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.45152G	57.61	74.00	-16.39	3	Horizontal	360	1.98	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15676G	61.38	68.20	-6.82	3	Horizontal	252	1.50	-
5745MHz	Pass	AV	5.7474G	112.86	Inf	-Inf	3	Vertical	337	1.97	-
5745MHz	Pass	PK	5.5746G	61.52	68.20	-6.68	3	Vertical	337	1.97	-
5745MHz	Pass	PK	5.7438G	120.99	Inf	-Inf	3	Vertical	337	1.97	-
5745MHz	Pass	PK	5.9586G	57.14	68.20	-11.06	3	Vertical	337	1.97	-
5745MHz	Pass	AV	11.48736G	49.43	54.00	-4.57	3	Vertical	152	2.78	-
5745MHz	Pass	PK	11.4924G	60.18	74.00	-13.82	3	Vertical	152	2.78	-
5745MHz	Pass	PK	17.23818G	63.56	68.20	-4.64	3	Vertical	216	2.67	-
5745MHz	Pass	AV	11.49132G	46.57	54.00	-7.43	3	Horizontal	0	2.69	-
5745MHz	Pass	PK	11.49222G	58.01	74.00	-15.99	3	Horizontal	0	2.69	-
5745MHz	Pass	PK	17.24886G	60.86	68.20	-7.34	3	Horizontal	354	1.36	-
5785MHz	Pass	AV	5.7874G	112.27	Inf	-Inf	3	Vertical	3	1.50	-
5785MHz	Pass	PK	5.6146G	61.94	68.20	-6.26	3	Vertical	3	1.50	-
5785MHz	Pass	PK	5.7874G	120.72	Inf	-Inf	3	Vertical	3	1.50	-
5785MHz	Pass	PK	5.9566G	60.01	68.20	-8.19	3	Vertical	3	1.50	-
5785MHz	Pass	AV	11.56754G	48.29	54.00	-5.71	3	Vertical	146	3.00	-
5785MHz	Pass	PK	11.56388G	59.05	74.00	-14.95	3	Vertical	146	3.00	-
5785MHz	Pass	PK	17.35956G	64.15	68.20	-4.05	3	Vertical	219	2.61	-
5785MHz	Pass	AV	11.57108G	45.81	54.00	-8.19	3	Horizontal	297	1.43	-
5785MHz	Pass	PK	11.5622G	57.13	74.00	-16.87	3	Horizontal	297	1.43	-
5785MHz	Pass	PK	17.35506G	61.56	68.20	-6.64	3	Horizontal	360	1.70	-
5825MHz	Pass	AV	5.8262G	111.28	Inf	-Inf	3	Vertical	134	1.50	-
5825MHz	Pass	PK	5.6546G	61.84	71.60	-9.76	3	Vertical	134	1.50	-
5825MHz	Pass	PK	5.8274G	120.75	Inf	-Inf	3	Vertical	134	1.50	-
5825MHz	Pass	PK	5.993G	60.79	68.20	-7.41	3	Vertical	134	1.50	-
5825MHz	Pass	AV	11.64778G	47.47	54.00	-6.53	3	Vertical	150	2.93	-
5825MHz	Pass	PK	11.65438G	58.90	74.00	-15.10	3	Vertical	150	2.93	-
5825MHz	Pass	PK	17.47626G	64.56	68.20	-3.64	3	Vertical	219	2.19	-
5825MHz	Pass	AV	11.64004G	45.86	54.00	-8.14	3	Horizontal	342	1.50	-
5825MHz	Pass	PK	11.6476G	56.46	74.00	-17.54	3	Horizontal	342	1.50	-
5825MHz	Pass	PK	17.47176G	63.60	68.20	-4.60	3	Horizontal	155	2.89	-
802.11ac VHT40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1496G	52.41	54.00	-1.59	3	Vertical	319	1.93	-
5190MHz	Pass	AV	5.1936G	102.64	Inf	-Inf	3	Vertical	319	1.93	-
5190MHz	Pass	PK	5.15G	62.45	74.00	-11.55	3	Vertical	319	1.93	-
5190MHz	Pass	PK	5.1928G	112.18	Inf	-Inf	3	Vertical	319	1.93	-
5190MHz	Pass	AV	15.55224G	46.78	54.00	-7.22	3	Vertical	204	1.50	-
5190MHz	Pass	PK	10.38648G	56.72	68.20	-11.48	3	Vertical	114	1.50	-
5190MHz	Pass	PK	15.58768G	57.55	74.00	-16.45	3	Vertical	204	1.50	-
5190MHz	Pass	AV	15.55584G	46.87	54.00	-7.13	3	Horizontal	155	1.50	-
5190MHz	Pass	PK	10.392G	56.43	68.20	-11.77	3	Horizontal	148	2.68	-
5190MHz	Pass	PK	15.5032G	57.74	74.00	-16.26	3	Horizontal	155	1.50	-
5230MHz	Pass	AV	5.1472G	51.78	54.00	-2.22	3	Vertical	13	1.68	-
5230MHz	Pass	AV	5.2264G	106.91	Inf	-Inf	3	Vertical	13	1.68	-
5230MHz	Pass	PK	5.1476G	64.49	74.00	-9.51	3	Vertical	13	1.68	-
5230MHz	Pass	PK	5.2328G	115.76	Inf	-Inf	3	Vertical	13	1.68	-
5230MHz	Pass	AV	15.67688G	46.24	54.00	-7.76	3	Vertical	202	2.35	-
5230MHz	Pass	PK	10.4568G	58.70	68.20	-9.50	3	Vertical	63	1.02	-
5230MHz	Pass	PK	15.69576G	57.67	74.00	-16.33	3	Vertical	202	2.35	-
5230MHz	Pass	AV	15.69688G	46.02	54.00	-7.98	3	Horizontal	344	1.50	-
5230MHz	Pass	PK	10.47024G	56.44	68.20	-11.76	3	Horizontal	360	2.39	-
5230MHz	Pass	PK	15.67344G	57.08	74.00	-16.92	3	Horizontal	344	1.50	-
5270MHz	Pass	AV	5.2664G	107.41	Inf	-Inf	3	Vertical	12	1.50	-
5270MHz	Pass	AV	5.3528G	52.34	54.00	-1.66	3	Vertical	12	1.50	-
5270MHz	Pass	PK	5.2732G	116.07	Inf	-Inf	3	Vertical	12	1.50	-
5270MHz	Pass	PK	5.3532G	63.95	74.00	-10.05	3	Vertical	12	1.50	-
5270MHz	Pass	AV	15.80384G	46.42	54.00	-7.58	3	Vertical	211	1.15	-
5270MHz	Pass	PK	10.5388G	59.46	68.20	-8.74	3	Vertical	196	1.03	-
5270MHz	Pass	PK	15.8112G	58.26	74.00	-15.74	3	Vertical	211	1.15	-



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5270MHz	Pass	AV	15.80688G	46.17	54.00	-7.83	3	Horizontal	360	2.20	-
5270MHz	Pass	PK	10.55992G	56.20	68.20	-12.00	3	Horizontal	360	2.84	-
5270MHz	Pass	PK	15.81696G	57.18	74.00	-16.82	3	Horizontal	360	2.20	-
5310MHz	Pass	AV	5.3136G	103.30	Inf	-Inf	3	Vertical	316	1.96	-
5310MHz	Pass	AV	5.3512G	51.80	54.00	-2.20	3	Vertical	316	1.96	-
5310MHz	Pass	PK	5.3064G	111.70	Inf	-Inf	3	Vertical	316	1.96	-
5310MHz	Pass	PK	5.3564G	70.01	74.00	-3.99	3	Vertical	316	1.96	-
5310MHz	Pass	AV	10.61872G	45.50	54.00	-8.50	3	Vertical	149	3.00	-
5310MHz	Pass	AV	15.9492G	46.13	54.00	-7.87	3	Vertical	0	1.93	-
5310MHz	Pass	PK	10.62464G	56.38	74.00	-17.62	3	Vertical	149	3.00	-
5310MHz	Pass	PK	15.94944G	56.88	74.00	-17.12	3	Vertical	0	1.93	-
5310MHz	Pass	AV	10.60296G	44.86	54.00	-9.14	3	Horizontal	0	1.60	-
5310MHz	Pass	AV	15.9272G	46.21	54.00	-7.79	3	Horizontal	203	1.50	-
5310MHz	Pass	PK	10.62496G	56.58	74.00	-17.42	3	Horizontal	0	1.60	-
5310MHz	Pass	PK	15.92968G	57.21	74.00	-16.79	3	Horizontal	203	1.50	-
5510MHz	Pass	AV	5.458G	51.11	54.00	-2.89	3	Vertical	134	1.83	-
5510MHz	Pass	AV	5.5132G	103.66	Inf	-Inf	3	Vertical	134	1.83	-
5510MHz	Pass	PK	5.4692G	65.53	68.20	-2.67	3	Vertical	134	1.83	-
5510MHz	Pass	PK	5.5124G	113.19	Inf	-Inf	3	Vertical	134	1.83	-
5510MHz	Pass	AV	11.02864G	46.22	54.00	-7.78	3	Vertical	178	1.50	-
5510MHz	Pass	PK	11.0272G	57.30	74.00	-16.70	3	Vertical	178	1.50	-
5510MHz	Pass	PK	16.51176G	60.10	68.20	-8.10	3	Vertical	278	2.59	-
5510MHz	Pass	AV	11.01464G	46.03	54.00	-7.97	3	Horizontal	296	2.99	-
5510MHz	Pass	PK	11.0156G	56.74	74.00	-17.26	3	Horizontal	296	2.99	-
5510MHz	Pass	PK	16.53344G	59.41	68.20	-8.79	3	Horizontal	80	2.16	-
5550MHz	Pass	AV	5.4572G	52.33	54.00	-1.67	3	Vertical	134	1.84	-
5550MHz	Pass	AV	5.5536G	106.83	Inf	-Inf	3	Vertical	134	1.84	-
5550MHz	Pass	PK	5.4664G	65.98	68.20	-2.22	3	Vertical	134	1.84	-
5550MHz	Pass	PK	5.5524G	116.61	Inf	-Inf	3	Vertical	134	1.84	-
5550MHz	Pass	AV	11.09848G	48.45	54.00	-5.55	3	Vertical	159	1.08	-
5550MHz	Pass	PK	11.09864G	59.13	74.00	-14.87	3	Vertical	159	1.08	-
5550MHz	Pass	PK	16.63656G	59.80	68.20	-8.40	3	Vertical	0	1.87	-
5550MHz	Pass	AV	11.08648G	45.94	54.00	-8.06	3	Horizontal	92	1.62	-
5550MHz	Pass	PK	11.11624G	57.31	74.00	-16.69	3	Horizontal	92	1.62	-
5550MHz	Pass	PK	16.66392G	59.79	68.20	-8.41	3	Horizontal	156	2.43	-
5670MHz	Pass	AV	5.6736G	103.71	Inf	-Inf	3	Vertical	134	1.50	-
5670MHz	Pass	PK	5.673G	113.55	Inf	-Inf	3	Vertical	134	1.50	-
5670MHz	Pass	PK	5.727G	66.43	68.20	-1.77	3	Vertical	134	1.50	-
5670MHz	Pass	AV	11.3476G	46.00	54.00	-8.00	3	Vertical	296	2.94	-
5670MHz	Pass	PK	11.34656G	57.82	74.00	-16.18	3	Vertical	296	2.94	-
5670MHz	Pass	PK	17.01192G	61.09	68.20	-7.11	3	Vertical	360	2.00	-
5670MHz	Pass	AV	11.32552G	45.52	54.00	-8.48	3	Horizontal	26	1.50	-
5670MHz	Pass	PK	11.33048G	57.86	74.00	-16.14	3	Horizontal	26	1.50	-
5670MHz	Pass	PK	16.998G	61.24	68.20	-6.96	3	Horizontal	329	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.46G	45.86	54.00	-8.14	3	Vertical	134	1.67	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.713G	109.52	Inf	-Inf	3	Vertical	134	1.67	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	58.07	68.20	-10.13	3	Vertical	134	1.67	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.712G	119.02	Inf	-Inf	3	Vertical	134	1.67	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	66.56	68.20	-1.64	3	Vertical	134	1.67	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41848G	48.99	54.00	-5.01	3	Vertical	136	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.41648G	60.41	74.00	-13.59	3	Vertical	136	2.77	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13232G	61.06	68.20	-7.14	3	Vertical	356	2.91	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.40152G	45.82	54.00	-8.18	3	Horizontal	33	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40544G	57.85	74.00	-16.15	3	Horizontal	33	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12512G	61.40	68.20	-6.80	3	Horizontal	238	1.49	-
5755MHz	Pass	AV	5.7514G	109.16	Inf	-Inf	3	Vertical	221	1.84	-
5755MHz	Pass	PK	5.6482G	66.47	68.20	-1.73	3	Vertical	221	1.84	-
5755MHz	Pass	PK	5.7574G	118.21	Inf	-Inf	3	Vertical	221	1.84	-
5755MHz	Pass	PK	5.9278G	59.03	68.20	-9.17	3	Vertical	221	1.84	-
5755MHz	Pass	AV	11.5087G	47.10	54.00	-6.90	3	Vertical	150	2.77	-
5755MHz	Pass	PK	11.5089G	58.91	74.00	-15.09	3	Vertical	150	2.77	-
5755MHz	Pass	PK	17.2674G	61.18	68.20	-7.02	3	Vertical	158	1.50	-



RSE TX above 1GHz

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	AV	11.5035G	45.65	54.00	-8.35	3	Horizontal	242	3.00	-
5755MHz	Pass	PK	11.5269G	57.26	74.00	-16.74	3	Horizontal	242	3.00	-
5755MHz	Pass	PK	17.2558G	61.54	68.20	-6.66	3	Horizontal	90	2.38	-
5795MHz	Pass	AV	5.8022G	111.67	Inf	-Inf	3	Vertical	247	1.83	-
5795MHz	Pass	PK	5.6438G	63.46	68.20	-4.74	3	Vertical	247	1.83	-
5795MHz	Pass	PK	5.7866G	121.58	Inf	-Inf	3	Vertical	247	1.83	-
5795MHz	Pass	PK	5.9258G	66.05	68.20	-2.15	3	Vertical	247	1.83	-
5795MHz	Pass	AV	11.5983G	46.24	54.00	-7.76	3	Vertical	199	1.02	-
5795MHz	Pass	PK	11.5962G	58.22	74.00	-15.78	3	Vertical	199	1.02	-
5795MHz	Pass	PK	17.4017G	62.53	68.20	-5.67	3	Vertical	222	2.86	-
5795MHz	Pass	AV	11.6139G	45.59	54.00	-8.41	3	Horizontal	313	2.01	-
5795MHz	Pass	PK	11.579G	57.15	74.00	-16.85	3	Horizontal	313	2.01	-
5795MHz	Pass	PK	17.3792G	61.53	68.20	-6.67	3	Horizontal	26	2.14	-
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.137G	51.94	54.00	-2.06	3	Vertical	322	1.50	-
5210MHz	Pass	AV	5.207G	96.43	Inf	-Inf	3	Vertical	322	1.50	-
5210MHz	Pass	AV	5.414G	47.16	54.00	-6.84	3	Vertical	322	1.50	-
5210MHz	Pass	PK	5.138G	60.51	74.00	-13.49	3	Vertical	322	1.50	-
5210MHz	Pass	PK	5.208G	104.35	Inf	-Inf	3	Vertical	322	1.50	-
5210MHz	Pass	PK	5.455G	56.38	74.00	-17.62	3	Vertical	322	1.50	-
5210MHz	Pass	AV	15.61672G	48.06	54.00	-5.94	3	Vertical	272	1.46	-
5210MHz	Pass	PK	10.4048G	56.61	68.20	-11.59	3	Vertical	355	1.43	-
5210MHz	Pass	PK	15.61608G	57.93	74.00	-16.07	3	Vertical	272	1.46	-
5210MHz	Pass	AV	15.63912G	47.84	54.00	-6.16	3	Horizontal	148	1.01	-
5210MHz	Pass	PK	10.42304G	56.24	68.20	-11.96	3	Horizontal	118	2.42	-
5210MHz	Pass	PK	15.61352G	57.71	74.00	-16.29	3	Horizontal	148	1.01	-
5290MHz	Pass	AV	5.138G	48.12	54.00	-5.88	3	Vertical	17	1.82	-
5290MHz	Pass	AV	5.294G	97.95	Inf	-Inf	3	Vertical	17	1.82	-
5290MHz	Pass	AV	5.354G	52.30	54.00	-1.70	3	Vertical	17	1.82	-
5290MHz	Pass	PK	5.143G	57.89	74.00	-16.11	3	Vertical	17	1.82	-
5290MHz	Pass	PK	5.288G	105.57	Inf	-Inf	3	Vertical	17	1.82	-
5290MHz	Pass	PK	5.475G	55.68	68.20	-12.52	3	Vertical	17	1.82	-
5290MHz	Pass	AV	10.60752G	46.47	54.00	-7.53	3	Vertical	194	1.50	-
5290MHz	Pass	AV	15.89672G	47.55	54.00	-6.45	3	Vertical	260	2.40	-
5290MHz	Pass	PK	10.60184G	56.05	74.00	-17.95	3	Vertical	194	1.50	-
5290MHz	Pass	PK	15.86616G	57.30	74.00	-16.70	3	Vertical	260	2.40	-
5290MHz	Pass	AV	10.60118G	47.06	54.00	-6.94	3	Horizontal	275	1.07	-
5290MHz	Pass	AV	15.88056G	47.57	54.00	-6.43	3	Horizontal	235	2.23	-
5290MHz	Pass	PK	10.60848G	56.44	74.00	-17.56	3	Horizontal	275	1.07	-
5290MHz	Pass	PK	15.8972G	56.52	74.00	-17.48	3	Horizontal	235	2.23	-
5530MHz	Pass	AV	5.457G	51.98	54.00	-2.02	3	Vertical	242	1.78	-
5530MHz	Pass	AV	5.534G	95.74	Inf	-Inf	3	Vertical	242	1.78	-
5530MHz	Pass	PK	5.47G	59.19	68.20	-9.01	3	Vertical	242	1.78	-
5530MHz	Pass	PK	5.532G	103.33	Inf	-Inf	3	Vertical	242	1.78	-
5530MHz	Pass	PK	5.759G	56.18	68.20	-12.02	3	Vertical	242	1.78	-
5530MHz	Pass	AV	11.08384G	47.18	54.00	-6.82	3	Vertical	143	1.62	-
5530MHz	Pass	PK	11.03472G	56.40	74.00	-17.60	3	Vertical	143	1.62	-
5530MHz	Pass	PK	16.57768G	59.27	68.20	-8.93	3	Vertical	294	1.63	-
5530MHz	Pass	AV	11.03808G	47.25	54.00	-6.75	3	Horizontal	221	1.51	-
5530MHz	Pass	PK	11.04912G	56.36	74.00	-17.64	3	Horizontal	221	1.51	-
5530MHz	Pass	PK	16.55656G	59.43	68.20	-8.77	3	Horizontal	98	1.83	-
5610MHz	Pass	AV	5.46G	51.88	54.00	-2.12	3	Vertical	360	1.42	-
5610MHz	Pass	AV	5.613G	102.89	Inf	-Inf	3	Vertical	360	1.42	-
5610MHz	Pass	PK	5.47G	60.47	68.20	-7.73	3	Vertical	360	1.42	-
5610MHz	Pass	PK	5.607G	110.56	Inf	-Inf	3	Vertical	360	1.42	-
5610MHz	Pass	PK	5.727G	62.68	68.20	-5.52	3	Vertical	360	1.42	-
5610MHz	Pass	AV	11.18416G	48.25	54.00	-5.75	3	Vertical	156	1.21	-
5610MHz	Pass	PK	11.22G	57.26	74.00	-16.74	3	Vertical	156	1.21	-
5610MHz	Pass	PK	16.8436G	61.05	68.20	-7.15	3	Vertical	276	1.00	-
5610MHz	Pass	AV	11.19632G	47.41	54.00	-6.59	3	Horizontal	289	1.05	-
5610MHz	Pass	PK	11.21088G	57.12	74.00	-16.88	3	Horizontal	289	1.05	-
5610MHz	Pass	PK	16.83992G	60.58	68.20	-7.62	3	Horizontal	187	1.93	-



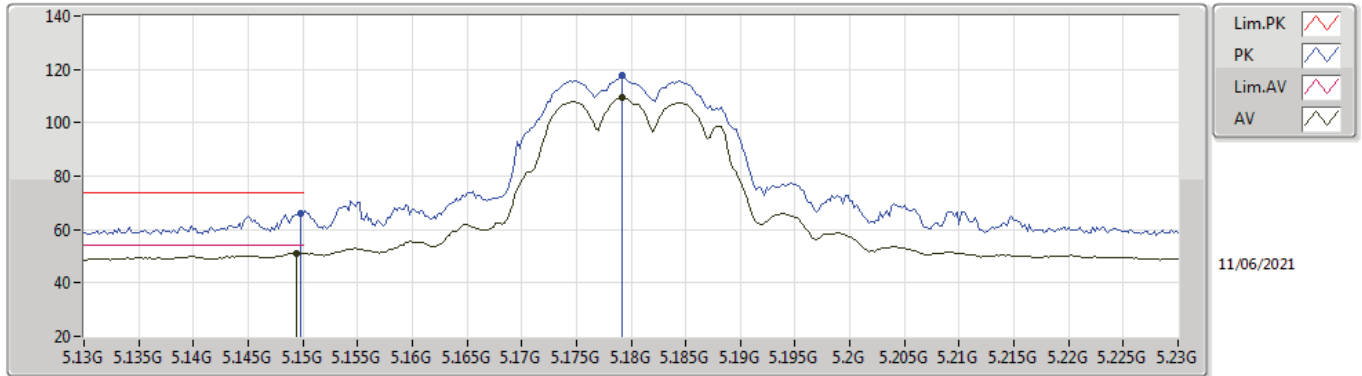
RSE TX above 1GHz

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	51.04	54.00	-2.96	3	Vertical	333	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6864G	107.24	Inf	-Inf	3	Vertical	333	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	59.78	68.20	-8.42	3	Vertical	333	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.684G	115.08	Inf	-Inf	3	Vertical	333	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	65.32	68.20	-2.88	3	Vertical	333	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.40128G	49.10	54.00	-4.90	3	Vertical	134	2.58	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3936G	58.09	74.00	-15.91	3	Vertical	134	2.58	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.04072G	60.72	68.20	-7.48	3	Vertical	342	1.55	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39728G	47.31	54.00	-6.69	3	Horizontal	159	1.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.40128G	56.37	74.00	-17.63	3	Horizontal	159	1.33	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.08696G	60.94	68.20	-7.26	3	Horizontal	1	1.70	-
5775MHz	Pass	AV	5.7726G	105.12	Inf	-Inf	3	Vertical	221	1.90	-
5775MHz	Pass	PK	5.649G	64.53	68.20	-3.67	3	Vertical	221	1.90	-
5775MHz	Pass	PK	5.7762G	112.57	Inf	-Inf	3	Vertical	221	1.90	-
5775MHz	Pass	PK	5.9286G	59.20	68.20	-9.00	3	Vertical	221	1.90	-
5775MHz	Pass	AV	11.5796G	47.07	54.00	-6.93	3	Vertical	360	2.10	-
5775MHz	Pass	PK	11.53448G	56.79	74.00	-17.21	3	Vertical	360	2.10	-
5775MHz	Pass	PK	17.3114G	61.65	68.20	-6.55	3	Vertical	278	2.63	-
5775MHz	Pass	AV	11.56424G	47.13	54.00	-6.87	3	Horizontal	173	2.04	-
5775MHz	Pass	PK	11.58248G	57.45	74.00	-16.55	3	Horizontal	173	2.04	-
5775MHz	Pass	PK	17.34676G	62.15	68.20	-6.05	3	Horizontal	225	2.34	-

802.11a_Nss1,(6Mbps)_2TX

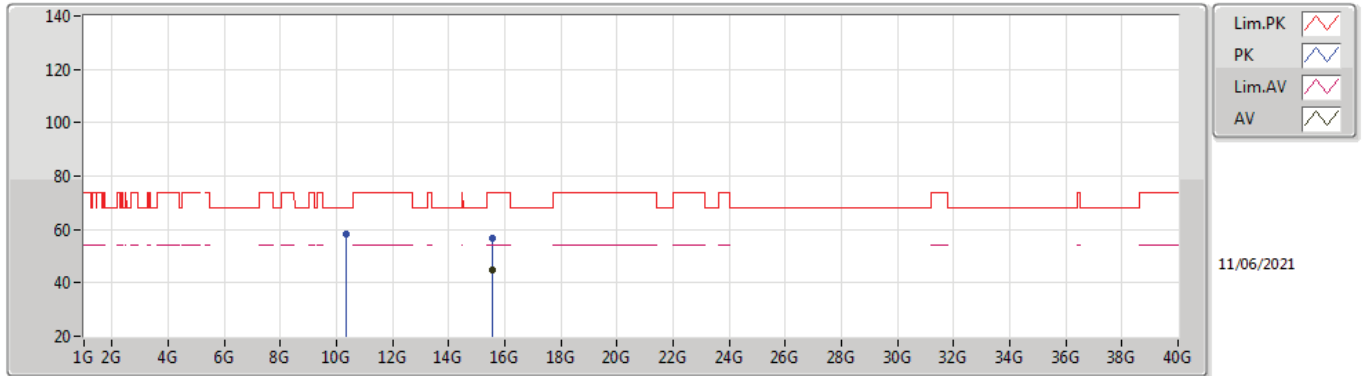
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	51.24	54.00	-2.76	9.59	3	Vertical	317	2.01	-	41.65	32.00	6.77	29.18
AV	5.1792G	109.31	Inf	-Inf	9.55	3	Vertical	317	2.01	-	99.76	31.94	6.79	29.18
PK	5.1498G	66.04	74.00	-7.96	9.59	3	Vertical	317	2.01	-	56.45	32.00	6.77	29.18
PK	5.1792G	117.51	Inf	-Inf	9.55	3	Vertical	317	2.01	-	107.96	31.94	6.79	29.18

802.11a_Nss1,(6Mbps)_2TX

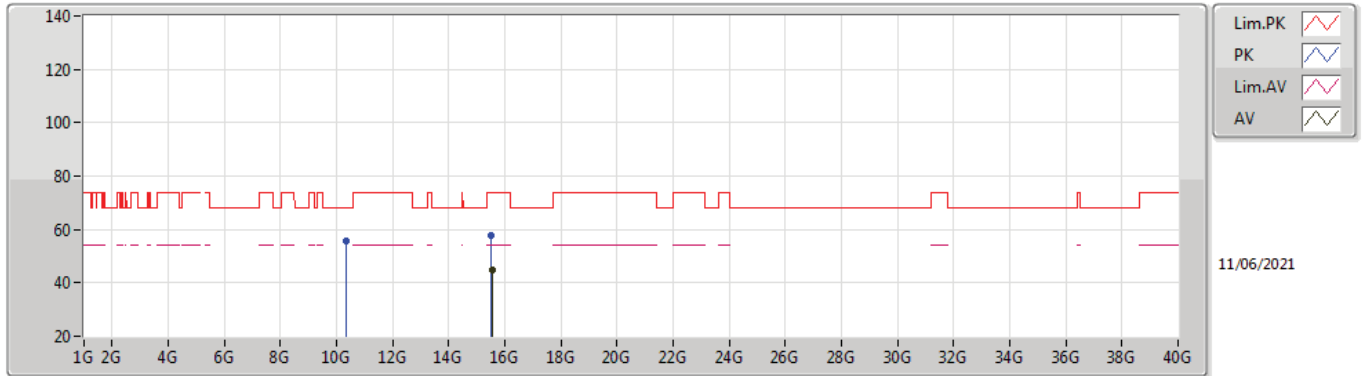
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54068G	44.89	54.00	-9.11	18.32	3	Vertical	318	1.50	-	26.57	38.06	11.29	31.03
PK	10.36064G	58.42	68.20	-9.78	18.05	3	Vertical	360	1.00	-	40.37	39.44	8.96	30.35
PK	15.53856G	56.89	74.00	-17.11	18.33	3	Vertical	318	1.50	-	38.56	38.07	11.29	31.03

802.11a_Nss1,(6Mbps)_2TX

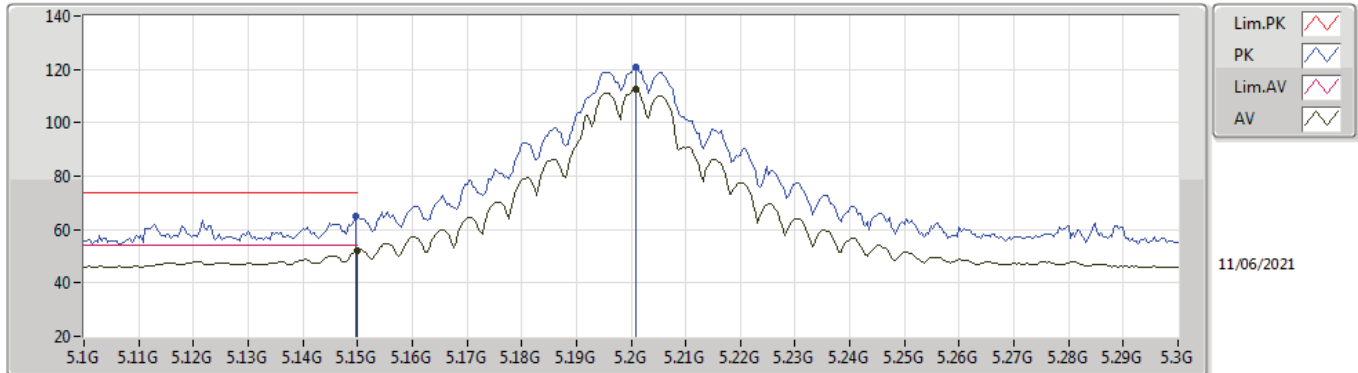
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54876G	44.74	54.00	-9.26	18.28	3	Horizontal	179	1.11	-	26.46	38.01	11.30	31.03
PK	10.36576G	55.91	68.20	-12.29	18.07	3	Horizontal	360	1.39	-	37.84	39.46	8.96	30.35
PK	15.53016G	57.53	74.00	-16.47	18.38	3	Horizontal	179	1.11	-	39.15	38.12	11.29	31.03

802.11a_Nss1,(6Mbps)_2TX

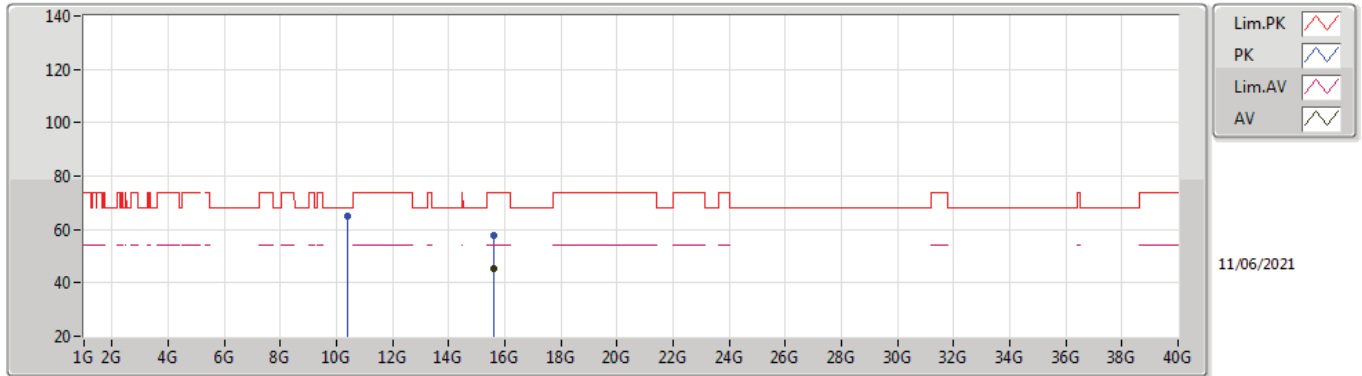
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.09	54.00	-1.91	9.60	3	Vertical	16	1.69	-	42.49	32.00	6.78	29.18
AV	5.2008G	112.51	Inf	-Inf	9.51	3	Vertical	16	1.69	-	103.00	31.89	6.80	29.18
PK	5.1496G	64.83	74.00	-9.17	9.59	3	Vertical	16	1.69	-	55.24	32.00	6.77	29.18
PK	5.2008G	120.61	Inf	-Inf	9.51	3	Vertical	16	1.69	-	111.10	31.89	6.80	29.18

802.11a_Nss1,(6Mbps)_2TX

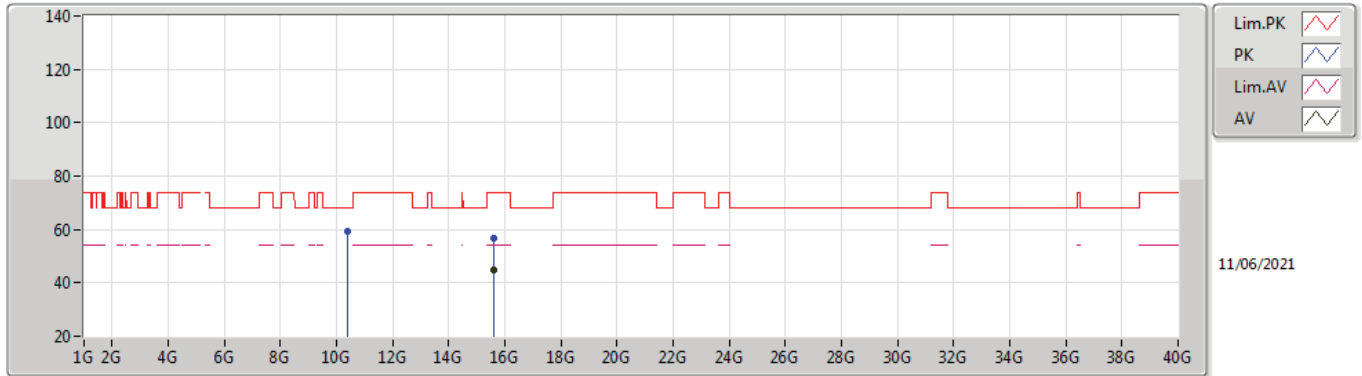
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59724G	45.56	54.00	-8.44	18.00	3	Vertical	231	2.41	-	27.56	37.72	11.32	31.04
PK	10.39984G	64.85	68.20	-3.35	18.22	3	Vertical	236	1.97	-	46.63	39.60	8.98	30.36
PK	15.60572G	57.54	74.00	-16.46	17.96	3	Vertical	231	2.41	-	39.58	37.68	11.32	31.04

802.11a_Nss1,(6Mbps)_2TX

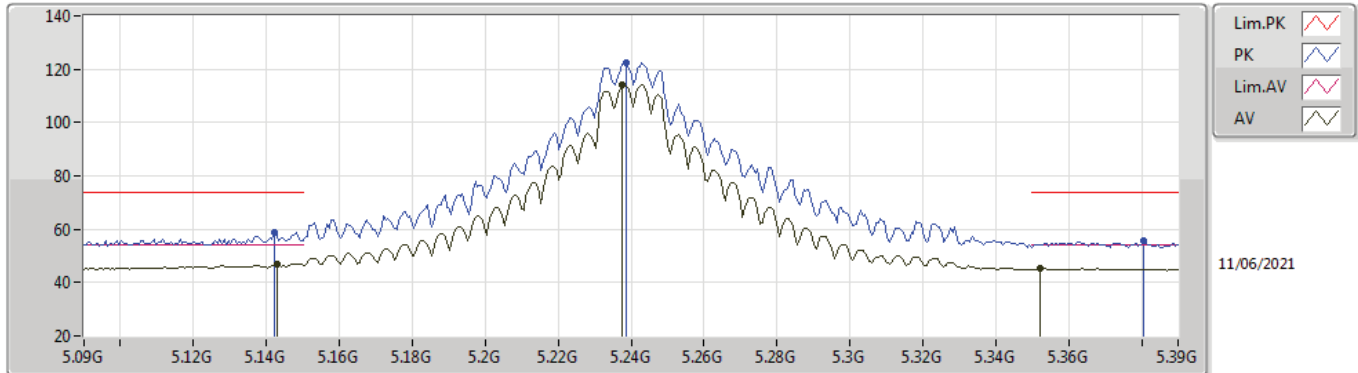
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6006G	44.93	54.00	-9.07	17.98	3	Horizontal	199	1.50	-	26.95	37.70	11.32	31.04
PK	10.40184G	59.09	68.20	-9.11	18.22	3	Horizontal	164	1.01	-	40.87	39.60	8.98	30.36
PK	15.60152G	56.84	74.00	-17.16	17.98	3	Horizontal	199	1.50	-	38.86	37.70	11.32	31.04

802.11a_Nss1,(6Mbps)_2TX

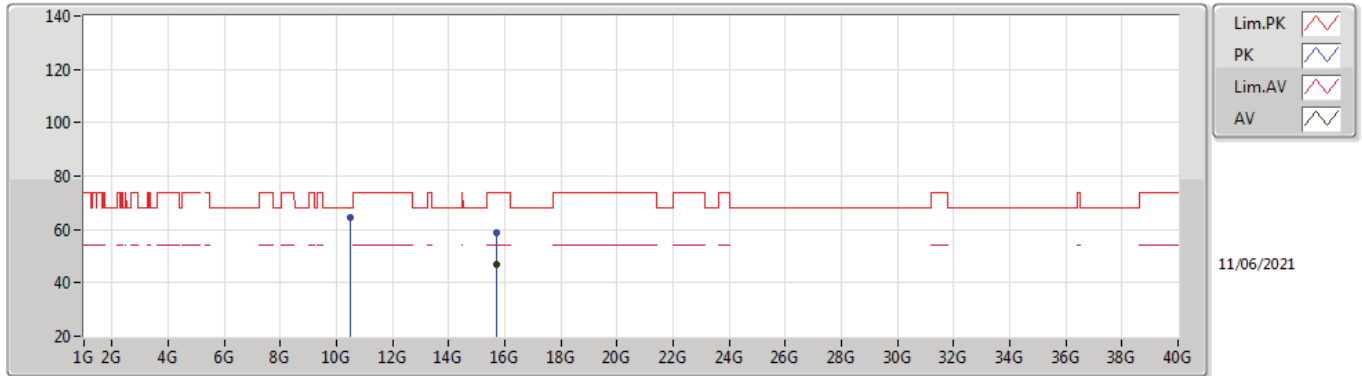
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1428G	46.86	54.00	-7.14	9.59	3	Vertical	12	1.49	-	37.27	32.00	6.77	29.18
AV	5.2376G	114.10	Inf	-Inf	9.22	3	Vertical	12	1.49	-	104.88	31.60	6.80	29.18
AV	5.3522G	45.53	54.00	-8.47	8.73	3	Vertical	12	1.49	-	36.80	31.12	6.80	29.19
PK	5.1422G	58.94	74.00	-15.06	9.59	3	Vertical	12	1.49	-	49.35	32.00	6.77	29.18
PK	5.2388G	122.58	Inf	-Inf	9.21	3	Vertical	12	1.49	-	113.37	31.59	6.80	29.18
PK	5.3804G	55.59	74.00	-18.41	8.95	3	Vertical	12	1.49	-	46.64	31.34	6.80	29.19

802.11a_Nss1,(6Mbps)_2TX

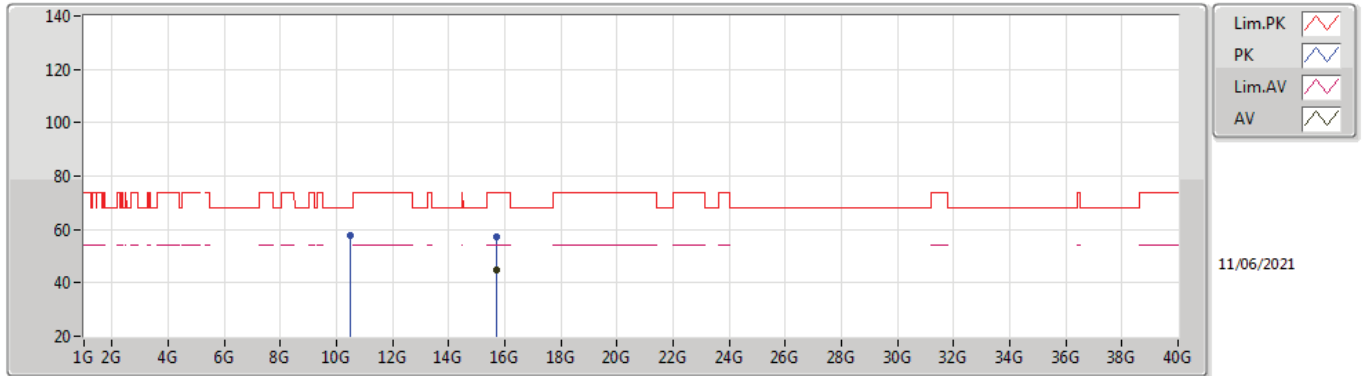
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72136G	47.02	54.00	-6.98	17.70	3	Vertical	143	2.13	-	29.32	37.38	11.37	31.05
PK	10.47836G	64.57	68.20	-3.63	18.32	3	Vertical	236	1.94	-	46.25	39.68	9.02	30.38
PK	15.71652G	58.97	74.00	-15.03	17.70	3	Vertical	143	2.13	-	41.27	37.38	11.37	31.05

802.11a_Nss1,(6Mbps)_2TX

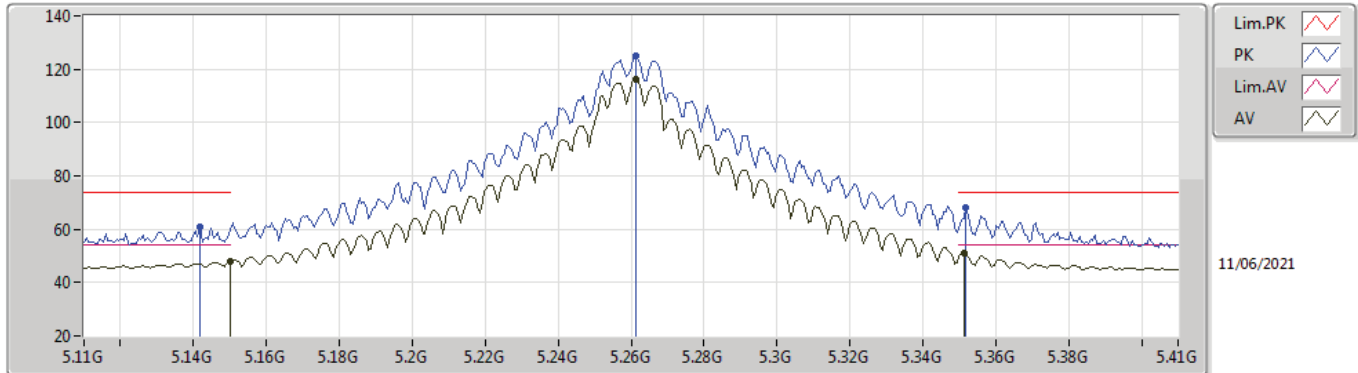
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72712G	44.73	54.00	-9.27	17.70	3	Horizontal	284	2.97	-	27.03	37.37	11.38	31.05
PK	10.47864G	57.58	68.20	-10.62	18.32	3	Horizontal	311	1.30	-	39.26	39.68	9.02	30.38
PK	15.71544G	57.15	74.00	-16.85	17.70	3	Horizontal	284	2.97	-	39.45	37.38	11.37	31.05

802.11a_Nss1,(6Mbps)_2TX

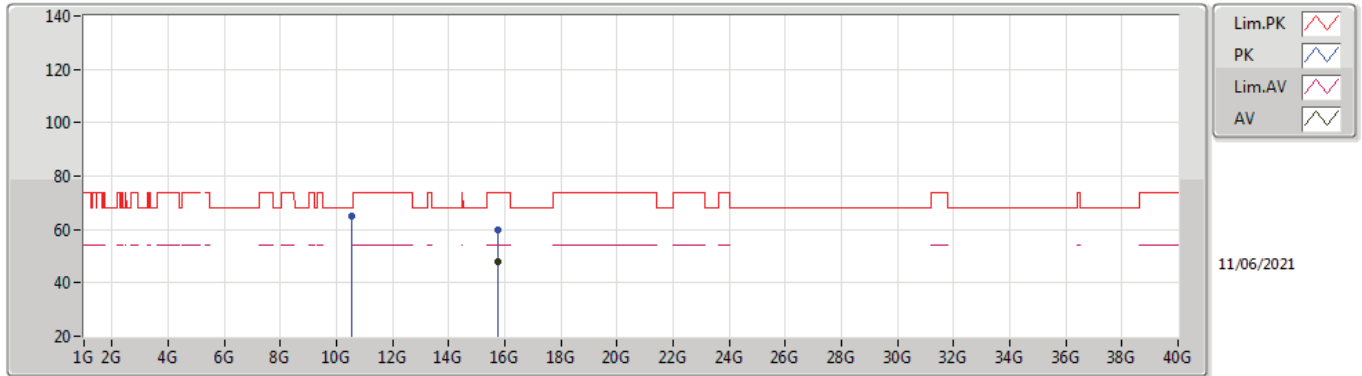
5260MHz_TX



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	5.15G	48.15	54.00	-5.85	9.59	3	Vertical	354	1.52	-	38.56	32.00	6.77	29.18
AV	5.2612G	116.02	Inf	-Inf	9.04	3	Vertical	354	1.52	-	106.98	31.43	6.80	29.19
AV	5.3512G	50.84	54.00	-3.16	8.72	3	Vertical	354	1.52	-	42.12	31.11	6.80	29.19
PK	5.1418G	60.67	74.00	-13.33	9.59	3	Vertical	354	1.52	-	51.08	32.00	6.77	29.18
PK	5.2612G	125.16	Inf	-Inf	9.04	3	Vertical	354	1.52	-	116.12	31.43	6.80	29.19
PK	5.3518G	67.98	74.00	-6.02	8.72	3	Vertical	354	1.52	-	59.26	31.11	6.80	29.19

802.11a_Nss1,(6Mbps)_2TX

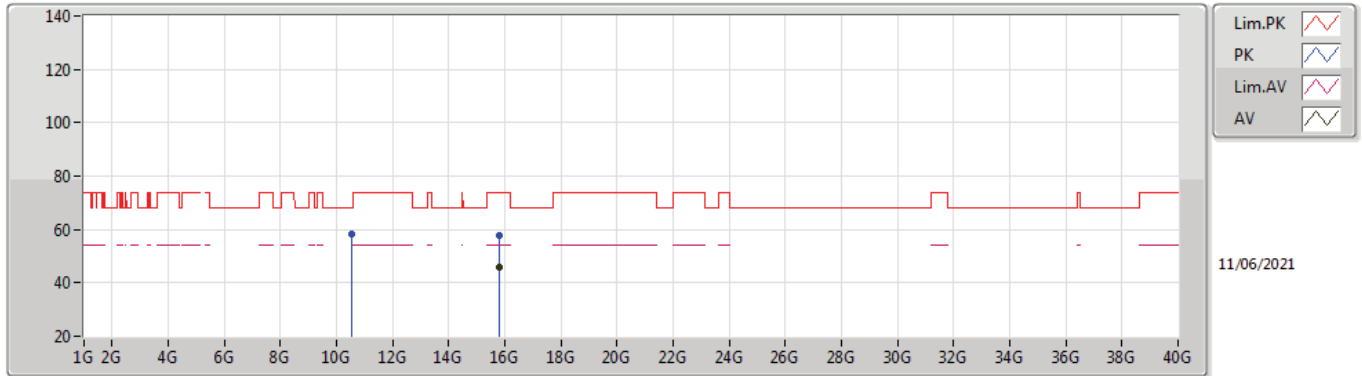
5260MHz_TX



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	15.7758G	48.12	54.00	-5.88	17.66	3	Vertical	145	2.16	-	30.46	37.32	11.40	31.06
PK	10.51828G	64.80	68.20	-3.40	18.32	3	Vertical	236	1.96	-	46.48	39.68	9.03	30.39
PK	15.77636G	59.87	74.00	-14.13	17.66	3	Vertical	145	2.16	-	42.21	37.32	11.40	31.06

802.11a_Nss1,(6Mbps)_2TX

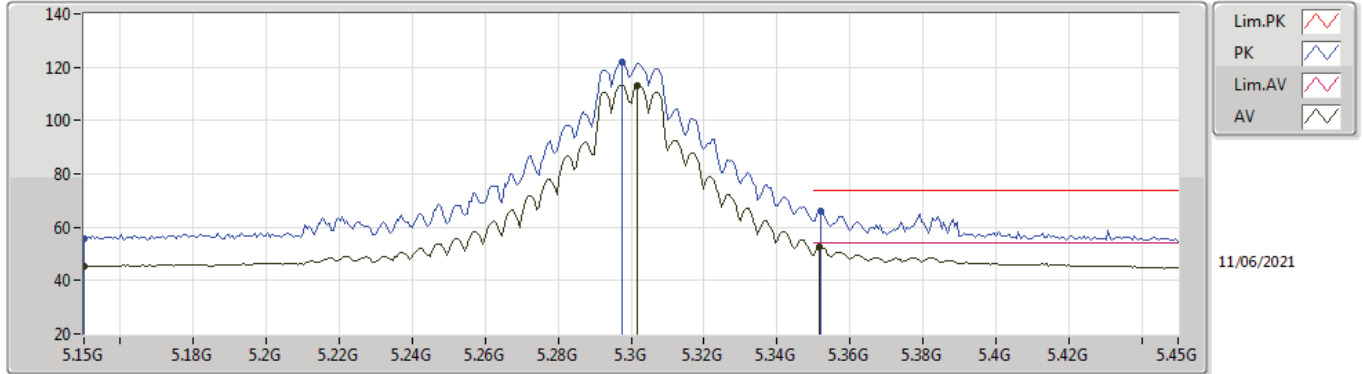
5260MHz_TX



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	15.78168G	45.84	54.00	-8.16	17.66	3	Horizontal	360	3.00	-	28.18	37.32	11.40	31.06
PK	10.52192G	58.52	68.20	-9.68	18.32	3	Horizontal	191	2.82	-	40.20	39.68	9.03	30.39
PK	15.7866G	57.94	74.00	-16.06	17.65	3	Horizontal	360	3.00	-	40.29	37.31	11.40	31.06

802.11a_Nss1,(6Mbps)_2TX

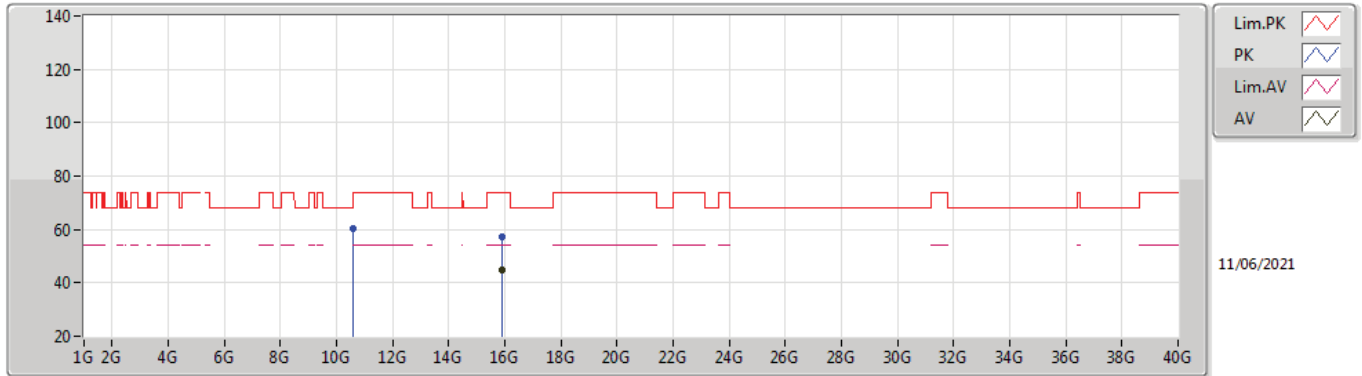
5300MHz_TX



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	5.15G	45.38	54.00	-8.62	9.60	3	Vertical	243	1.39	-	35.78	32.00	6.78	29.18
AV	5.3018G	113.16	Inf	-Inf	8.81	3	Vertical	243	1.39	-	104.35	31.20	6.80	29.19
AV	5.3516G	52.41	54.00	-1.59	8.72	3	Vertical	243	1.39	-	43.69	31.11	6.80	29.19
PK	5.15G	55.66	74.00	-18.34	9.60	3	Vertical	243	1.39	-	46.06	32.00	6.78	29.18
PK	5.2976G	121.67	Inf	-Inf	8.82	3	Vertical	243	1.39	-	112.85	31.21	6.80	29.19
PK	5.3522G	65.95	74.00	-8.05	8.73	3	Vertical	243	1.39	-	57.22	31.12	6.80	29.19

802.11a_Nss1,(6Mbps)_2TX

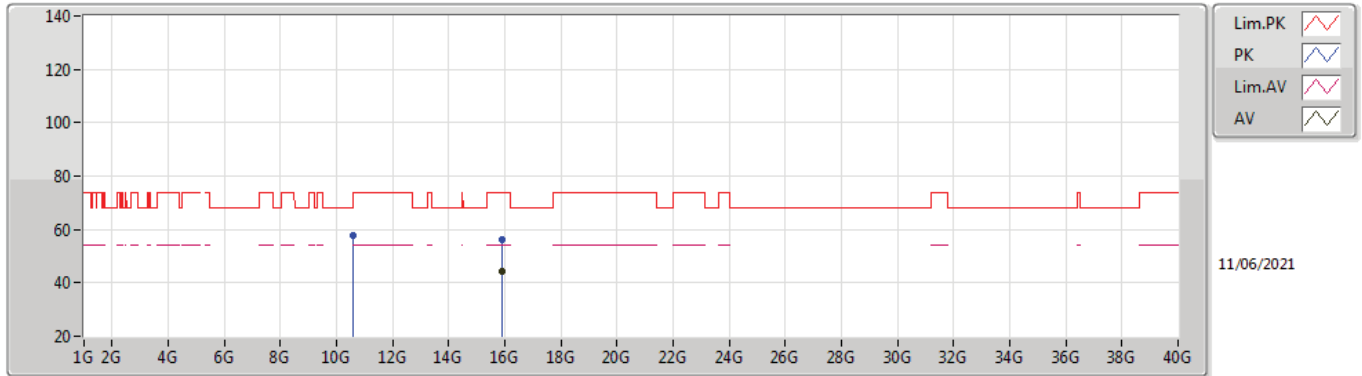
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.9G	44.74	54.00	-9.26	17.39	3	Vertical	205	1.49	-	27.35	37.00	11.46	31.07
PK	10.5964G	60.25	68.20	-7.95	18.27	3	Vertical	334	2.02	-	41.98	39.60	9.07	30.40
PK	15.89508G	57.15	74.00	-16.85	17.39	3	Vertical	205	1.49	-	39.76	37.01	11.45	31.07

802.11a_Nss1,(6Mbps)_2TX

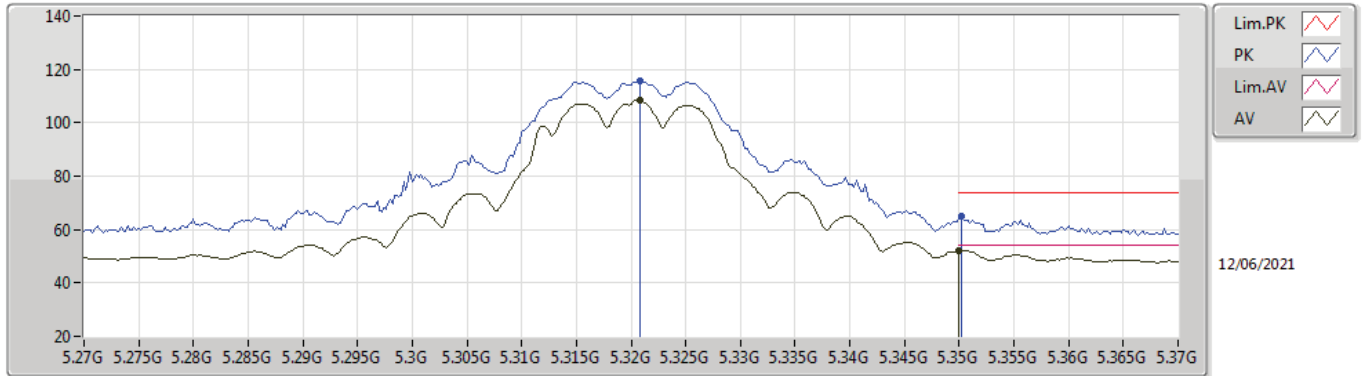
5300MHz_TX



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	15.90852G	44.29	54.00	-9.71	17.39	3	Horizontal	71	1.50	-	26.90	37.00	11.46	31.07
PK	10.59636G	57.61	68.20	-10.59	18.27	3	Horizontal	194	2.73	-	39.34	39.60	9.07	30.40
PK	15.8916G	56.28	74.00	-17.72	17.41	3	Horizontal	71	1.50	-	38.87	37.03	11.45	31.07

802.11a_Nss1,(6Mbps)_2TX

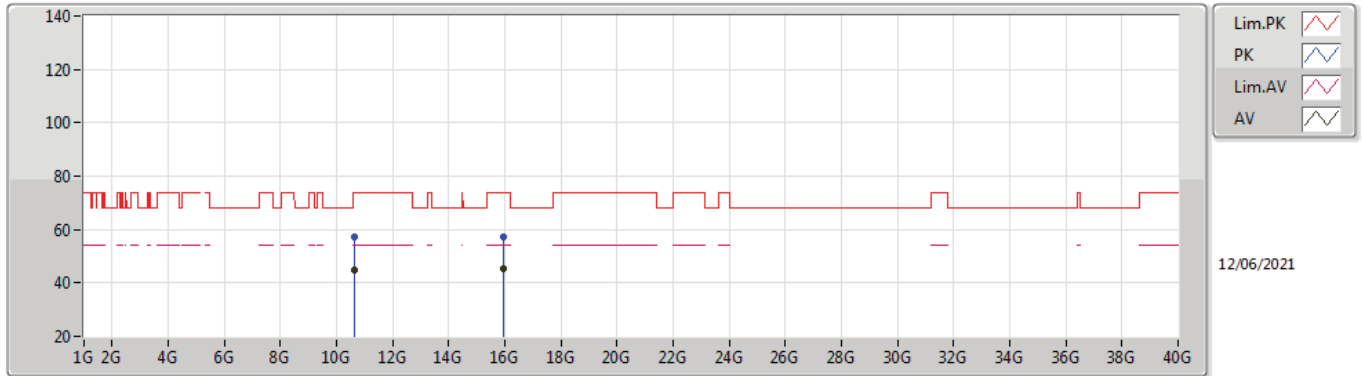
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3208G	108.33	Inf	-Inf	8.77	3	Vertical	18	1.58	-	99.56	31.16	6.80	29.19
AV	5.35G	52.26	54.00	-1.74	8.71	3	Vertical	18	1.58	-	43.55	31.10	6.80	29.19
PK	5.3208G	115.91	Inf	-Inf	8.77	3	Vertical	18	1.58	-	107.14	31.16	6.80	29.19
PK	5.3502G	65.19	74.00	-8.81	8.71	3	Vertical	18	1.58	-	56.48	31.10	6.80	29.19

802.11a_Nss1,(6Mbps)_2TX

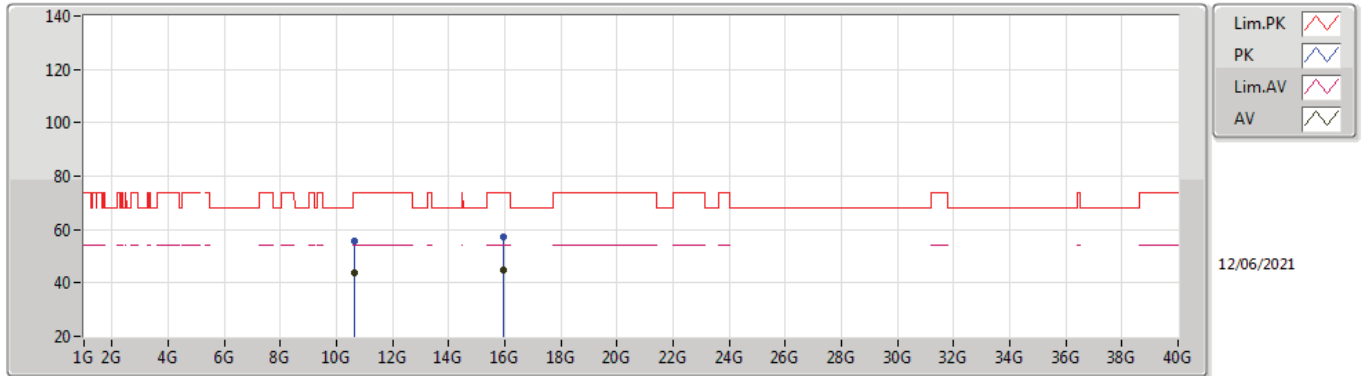
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63792G	45.04	54.00	-8.96	18.36	3	Vertical	340	1.93	-	26.68	39.68	9.09	30.41
AV	15.96032G	45.12	54.00	-8.88	17.40	3	Vertical	150	2.53	-	27.72	37.00	11.48	31.08
PK	10.6442G	57.17	74.00	-16.83	18.37	3	Vertical	340	1.93	-	38.80	39.69	9.09	30.41
PK	15.95852G	57.25	74.00	-16.75	17.40	3	Vertical	150	2.53	-	39.85	37.00	11.48	31.08

802.11a_Nss1,(6Mbps)_2TX

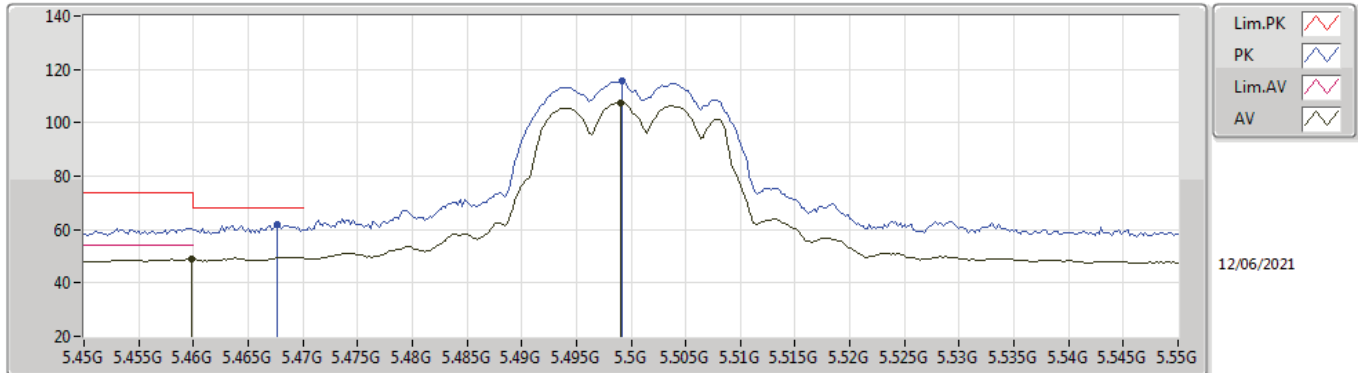
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.63356G	44.00	54.00	-10.00	18.35	3	Horizontal	150	1.35	-	25.65	39.67	9.09	30.41
AV	15.95656G	44.86	54.00	-9.14	17.40	3	Horizontal	325	1.50	-	27.46	37.00	11.48	31.08
PK	10.63824G	55.75	74.00	-18.25	18.36	3	Horizontal	150	1.35	-	37.39	39.68	9.09	30.41
PK	15.96392G	57.30	74.00	-16.70	17.40	3	Horizontal	325	1.50	-	39.90	37.00	11.48	31.08

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4598G	49.16	54.00	-4.84	9.27	3	Vertical	0	1.50	-	39.89	31.64	6.83	29.20
AV	5.499G	107.67	Inf	-Inf	9.45	3	Vertical	0	1.50	-	98.22	31.80	6.85	29.20
PK	5.4676G	61.67	68.20	-6.53	9.30	3	Vertical	0	1.50	-	52.37	31.67	6.83	29.20
PK	5.4992G	115.73	Inf	-Inf	9.45	3	Vertical	0	1.50	-	106.28	31.80	6.85	29.20

802.11a_Nss1,(6Mbps)_2TX

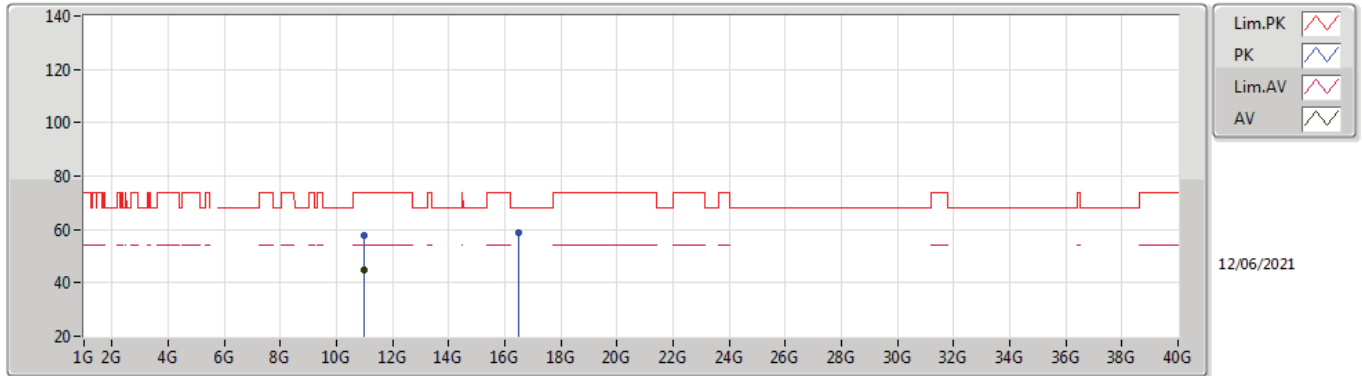
5500MHz_TX



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	11.00356G	46.27	54.00	-7.73	19.09	3	Vertical	184	2.93	-	27.18	40.29	9.25	30.45
PK	10.9936G	58.60	74.00	-15.40	19.09	3	Vertical	184	2.93	-	39.51	40.29	9.25	30.45
PK	16.5028G	59.37	68.20	-8.83	19.51	3	Vertical	328	1.15	-	39.86	38.80	11.78	31.07

802.11a_Nss1,(6Mbps)_2TX

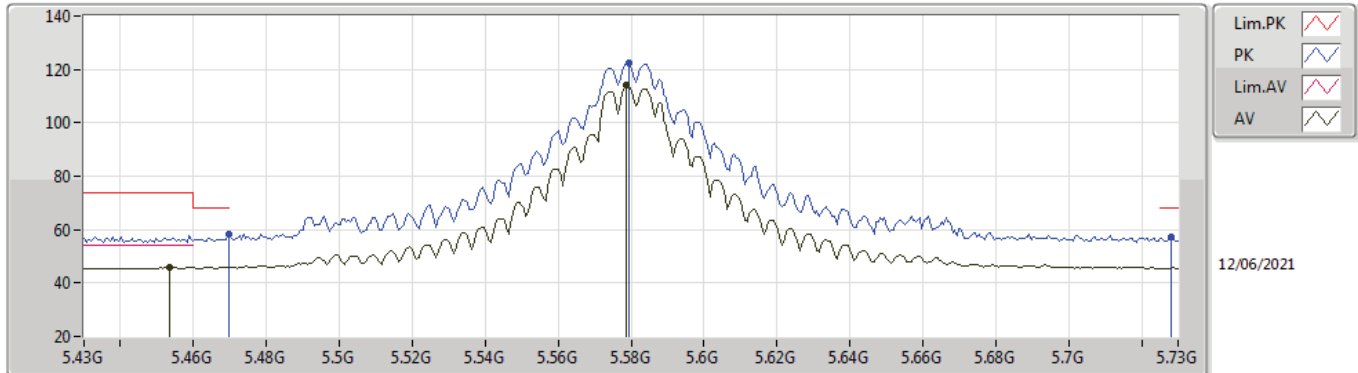
5500MHz_TX



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	10.9906G	45.02	54.00	-8.98	19.09	3	Horizontal	131	1.50	-	25.93	40.29	9.25	30.45
PK	10.99412G	57.57	74.00	-16.43	19.09	3	Horizontal	131	1.50	-	38.48	40.29	9.25	30.45
PK	16.5096G	58.98	68.20	-9.22	19.50	3	Horizontal	163	1.50	-	39.48	38.79	11.78	31.07

802.11a_Nss1,(6Mbps)_2TX

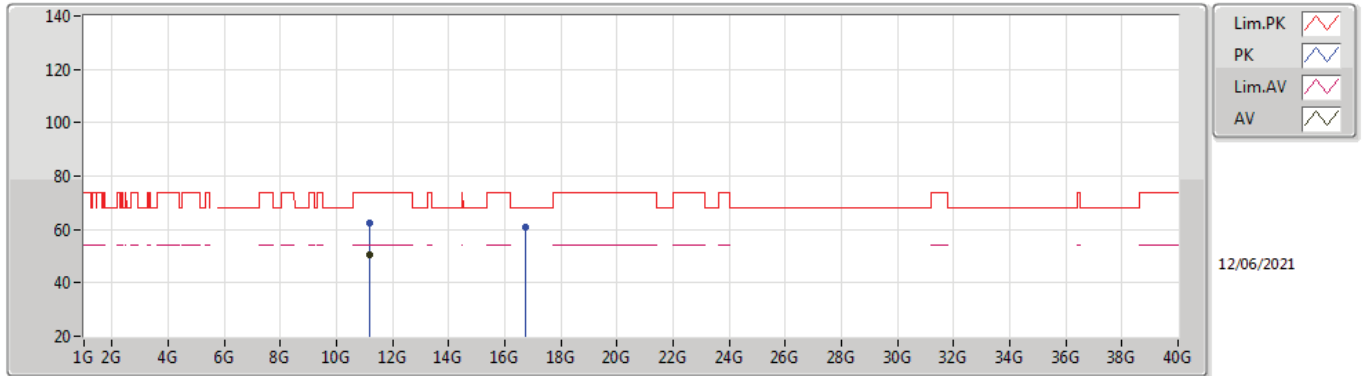
5580MHz_TX



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	5.4534G	45.99	54.00	-8.01	9.24	3	Vertical	185	1.63	-	36.75	31.61	6.83	29.20
AV	5.5788G	114.05	Inf	-Inf	9.36	3	Vertical	185	1.63	-	104.69	31.70	6.89	29.23
PK	5.4696G	58.21	68.20	-9.99	9.31	3	Vertical	185	1.63	-	48.90	31.68	6.83	29.20
PK	5.5794G	122.46	Inf	-Inf	9.36	3	Vertical	185	1.63	-	113.10	31.70	6.89	29.23
PK	5.7282G	57.14	68.20	-11.06	9.54	3	Vertical	185	1.63	-	47.60	31.86	6.96	29.28

802.11a_Nss1,(6Mbps)_2TX

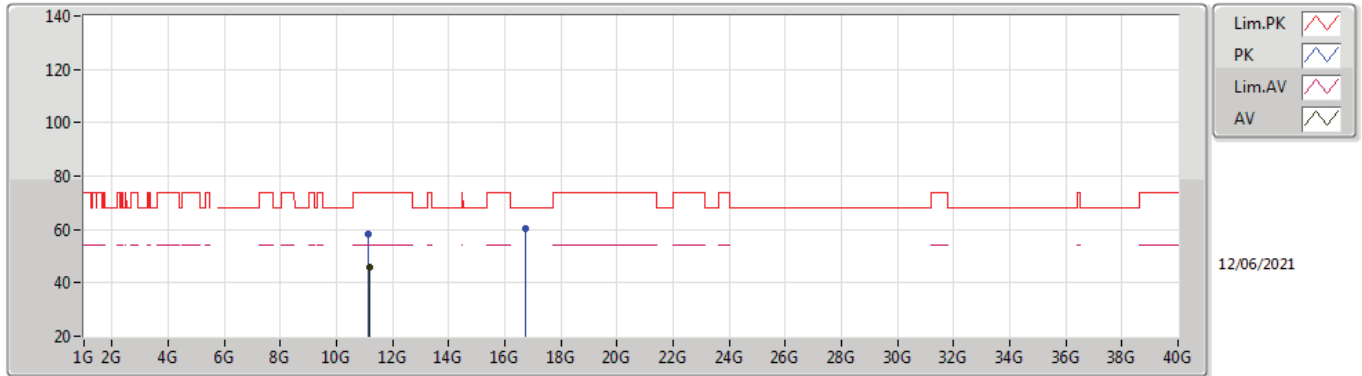
5580MHz_TX



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	11.15808G	50.74	54.00	-3.26	18.67	3	Vertical	160	1.33	-	32.07	39.78	9.32	30.43
PK	11.15828G	62.59	74.00	-11.41	18.67	3	Vertical	160	1.33	-	43.92	39.78	9.32	30.43
PK	16.74928G	60.82	68.20	-7.38	20.71	3	Vertical	208	2.25	-	40.11	39.74	11.91	30.94

802.11a_Nss1,(6Mbps)_2TX

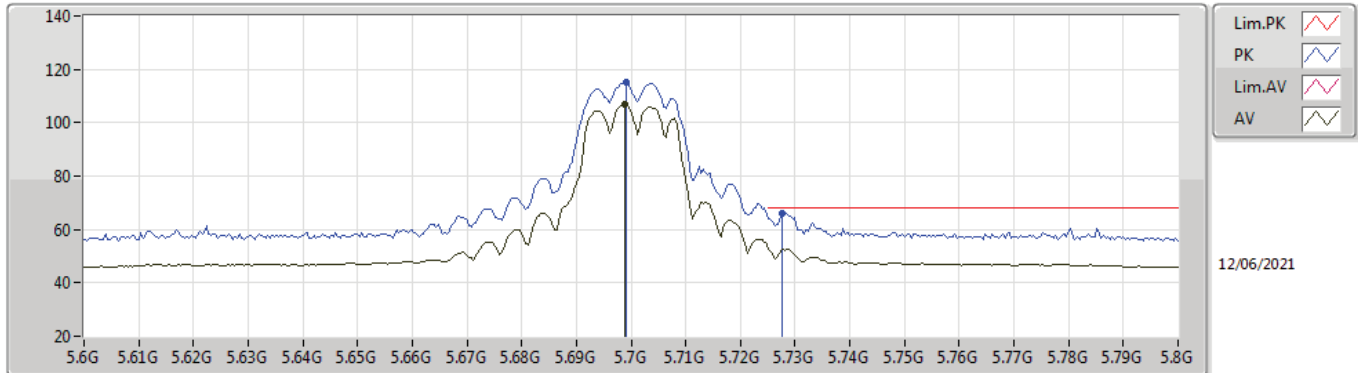
5580MHz_TX



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	11.15844G	45.76	54.00	-8.24	18.67	3	Horizontal	152	1.32	-	27.09	39.78	9.32	30.43
PK	11.1538G	58.25	74.00	-15.75	18.68	3	Horizontal	152	1.32	-	39.57	39.79	9.32	30.43
PK	16.74632G	60.25	68.20	-7.95	20.69	3	Horizontal	122	2.26	-	39.56	39.72	11.91	30.94

802.11a_Nss1,(6Mbps)_2TX

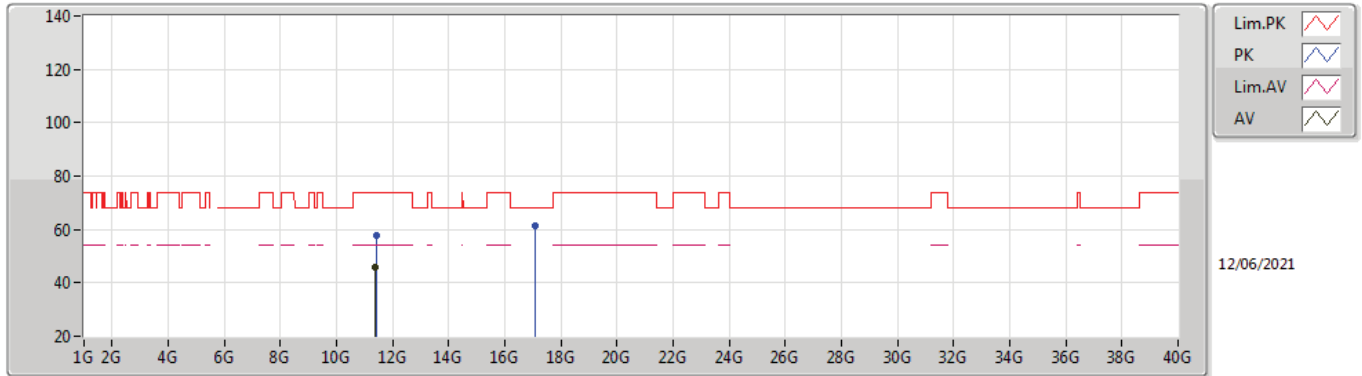
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6988G	106.98	Inf	-Inf	9.48	3	Vertical	336	1.48	-	97.50	31.80	6.95	29.27
PK	5.6992G	115.03	Inf	-Inf	9.48	3	Vertical	336	1.48	-	105.55	31.80	6.95	29.27
PK	5.7276G	66.20	68.20	-2.00	9.54	3	Vertical	336	1.48	-	56.66	31.86	6.96	29.28

802.11a_Nss1,(6Mbps)_2TX

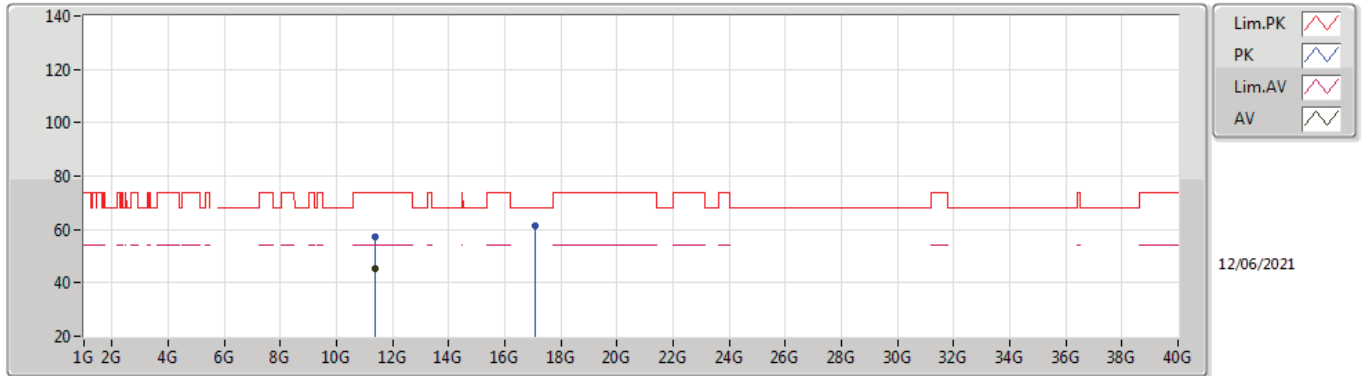
5700MHz_TX



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	11.39724G	46.01	54.00	-7.99	19.03	3	Vertical	139	2.93	-	26.98	39.99	9.43	30.39
PK	11.40268G	57.57	74.00	-16.43	19.04	3	Vertical	139	2.93	-	38.53	40.00	9.43	30.39
PK	17.10072G	61.49	68.20	-6.71	21.33	3	Vertical	253	1.50	-	40.16	40.00	12.11	30.78

802.11a_Nss1,(6Mbps)_2TX

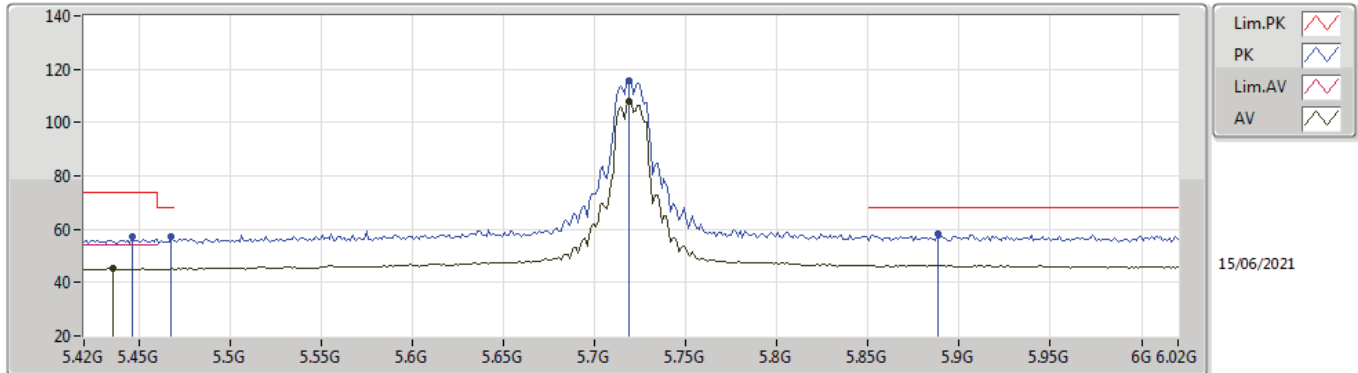
5700MHz_TX



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	11.3994G	45.10	54.00	-8.90	19.04	3	Horizontal	0	2.57	-	26.06	40.00	9.43	30.39
PK	11.39992G	57.49	74.00	-16.51	19.04	3	Horizontal	0	2.57	-	38.45	40.00	9.43	30.39
PK	17.10456G	61.42	68.20	-6.78	21.33	3	Horizontal	183	1.37	-	40.09	40.00	12.11	30.78

802.11a_Nss1,(6Mbps)_2TX

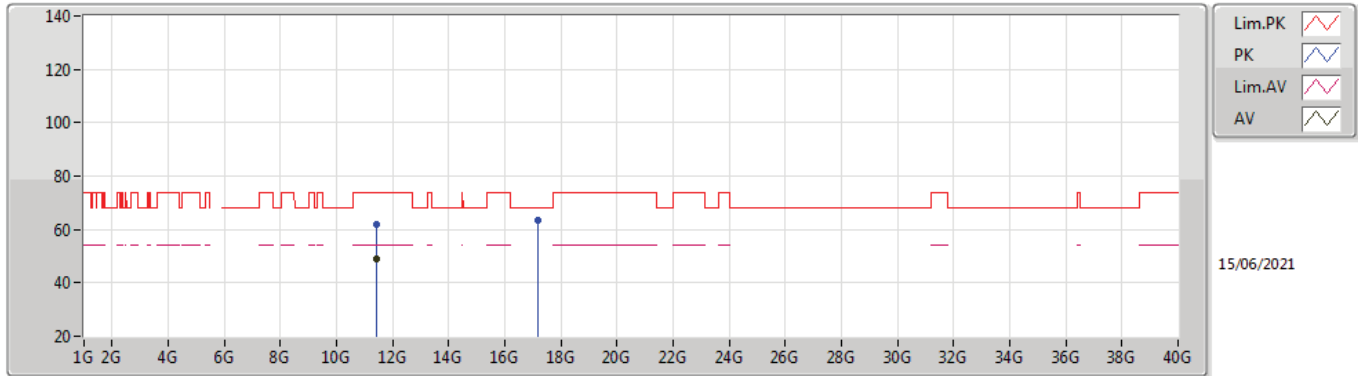
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4356G	45.28	54.00	-8.72	9.19	3	Vertical	0	1.84	-	36.09	31.57	6.82	29.20
AV	5.7188G	107.85	Inf	-Inf	9.53	3	Vertical	0	1.84	-	98.32	31.84	6.96	29.27
PK	5.4464G	57.04	74.00	-16.96	9.21	3	Vertical	0	1.84	-	47.83	31.59	6.82	29.20
PK	5.468G	57.12	68.20	-11.08	9.30	3	Vertical	0	1.84	-	47.82	31.67	6.83	29.20
PK	5.7188G	115.85	Inf	-Inf	9.53	3	Vertical	0	1.84	-	106.32	31.84	6.96	29.27
PK	5.888G	58.38	68.20	-9.82	9.89	3	Vertical	0	1.84	-	48.49	32.18	7.04	29.33

802.11a_Nss1,(6Mbps)_2TX

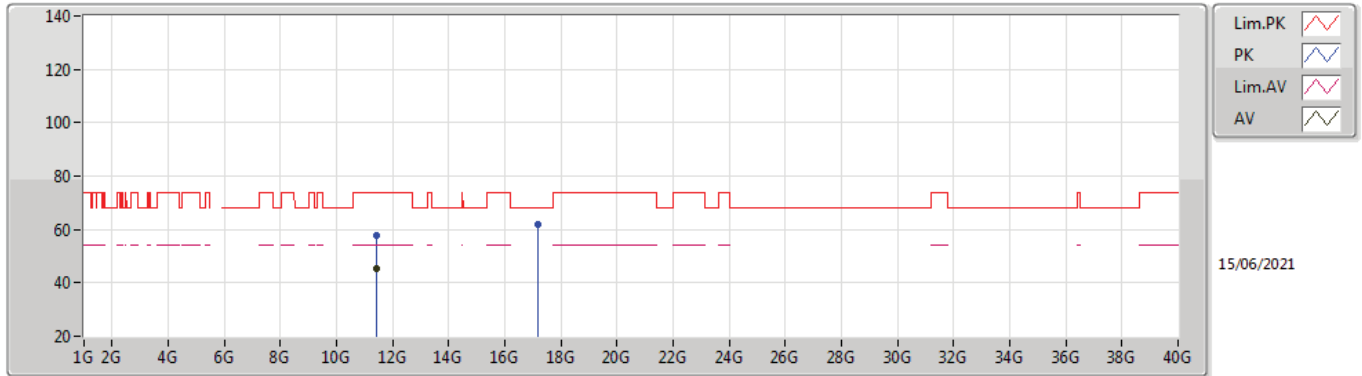
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.44204G	49.22	54.00	-4.78	19.02	3	Vertical	268	1.97	-	30.20	39.96	9.45	30.39
PK	11.44186G	61.67	74.00	-12.33	19.02	3	Vertical	268	1.97	-	42.65	39.96	9.45	30.39
PK	17.15862G	63.21	68.20	-4.99	21.32	3	Vertical	216	2.68	-	41.89	39.94	12.14	30.76

802.11a_Nss1,(6Mbps)_2TX

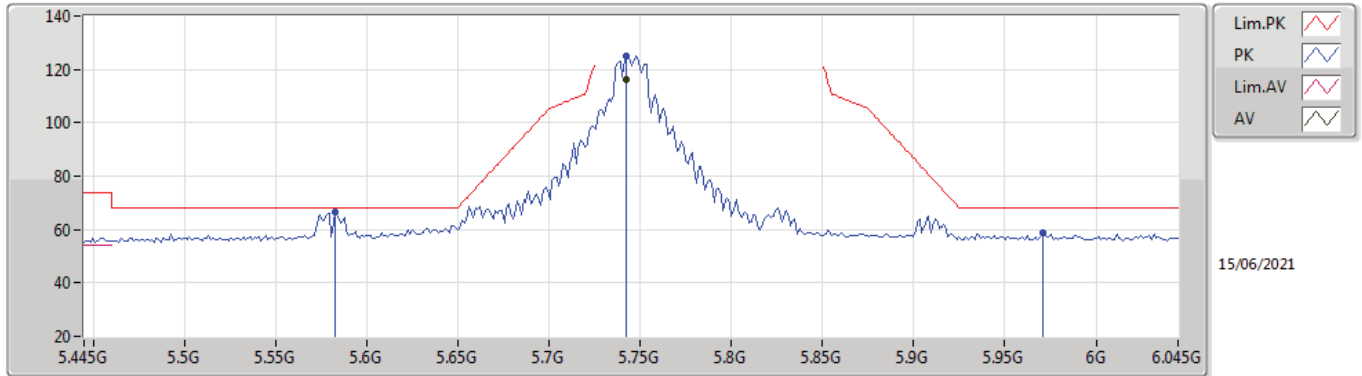
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4352G	45.56	54.00	-8.44	19.02	3	Horizontal	129	2.00	-	26.54	39.96	9.45	30.39
PK	11.43352G	57.72	74.00	-16.28	19.03	3	Horizontal	129	2.00	-	38.69	39.97	9.45	30.39
PK	17.15916G	62.07	68.20	-6.13	21.32	3	Horizontal	0	1.50	-	40.75	39.94	12.14	30.76

802.11a_Nss1,(6Mbps)_2TX

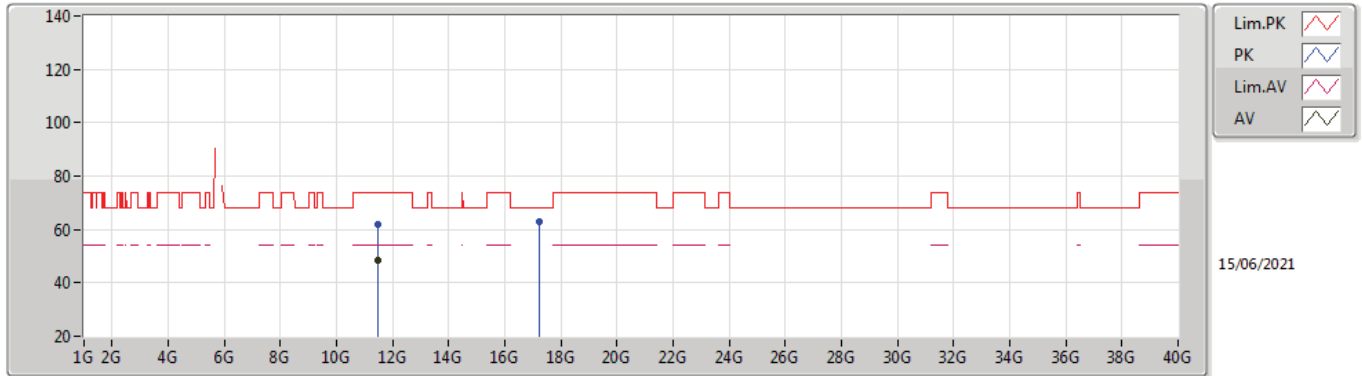
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	115.98	Inf	-Inf	9.58	3	Vertical	267	1.92	-	106.40	31.89	6.97	29.28
PK	5.583G	66.53	68.20	-1.67	9.36	3	Vertical	267	1.92	-	57.17	31.70	6.89	29.23
PK	5.7426G	125.05	Inf	-Inf	9.58	3	Vertical	267	1.92	-	115.47	31.89	6.97	29.28
PK	5.9706G	58.62	68.20	-9.58	10.09	3	Vertical	267	1.92	-	48.53	32.36	7.09	29.36

802.11a_Nss1,(6Mbps)_2TX

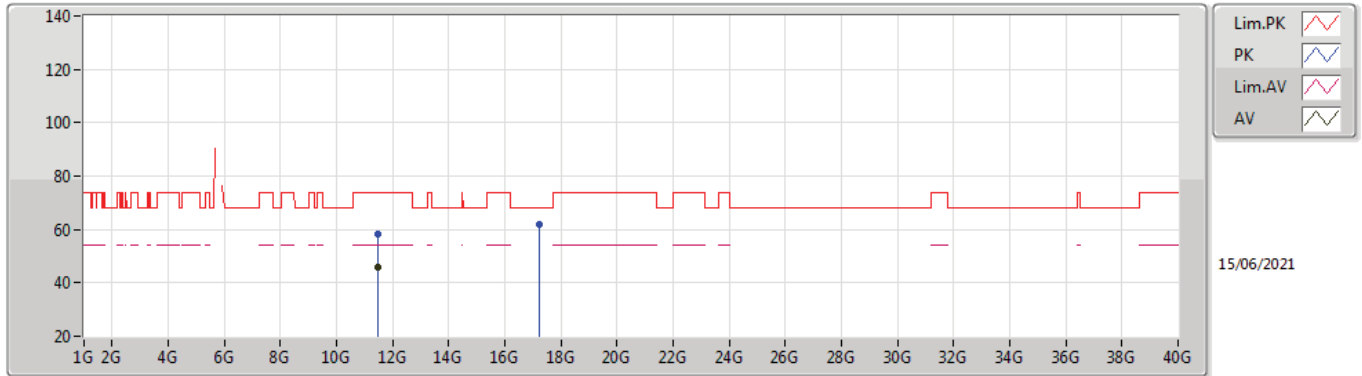
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49096G	48.68	54.00	-5.32	19.00	3	Vertical	145	2.95	-	29.68	39.91	9.47	30.38
PK	11.48742G	61.71	74.00	-12.29	19.00	3	Vertical	145	2.95	-	42.71	39.91	9.47	30.38
PK	17.2266G	63.06	68.20	-5.14	21.33	3	Vertical	219	2.03	-	41.73	39.90	12.17	30.74

802.11a_Nss1,(6Mbps)_2TX

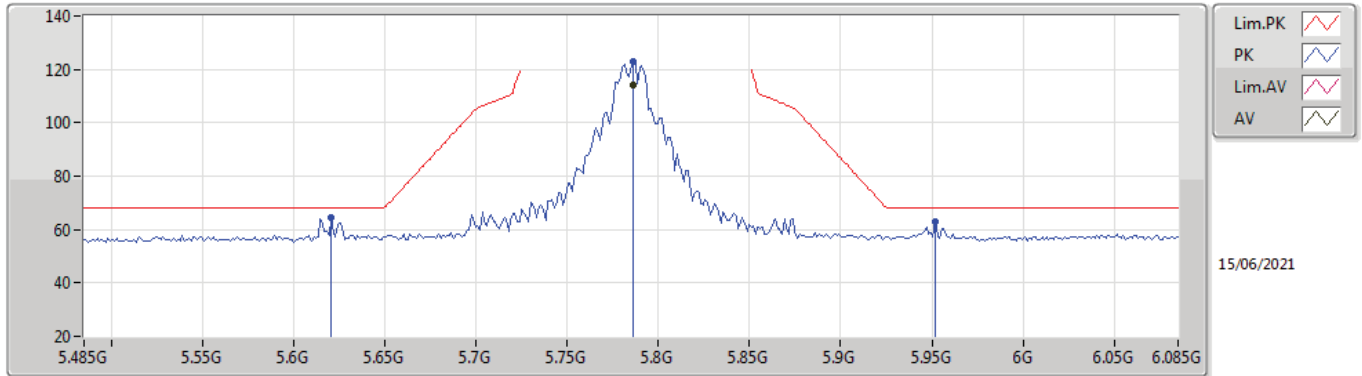
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49054G	45.97	54.00	-8.03	19.00	3	Horizontal	0	2.86	-	26.97	39.91	9.47	30.38
PK	11.49882G	58.35	74.00	-15.65	18.99	3	Horizontal	0	2.86	-	39.36	39.90	9.47	30.38
PK	17.24676G	61.86	68.20	-6.34	21.35	3	Horizontal	131	1.25	-	40.51	39.90	12.19	30.74

802.11a_Nss1,(6Mbps)_2TX

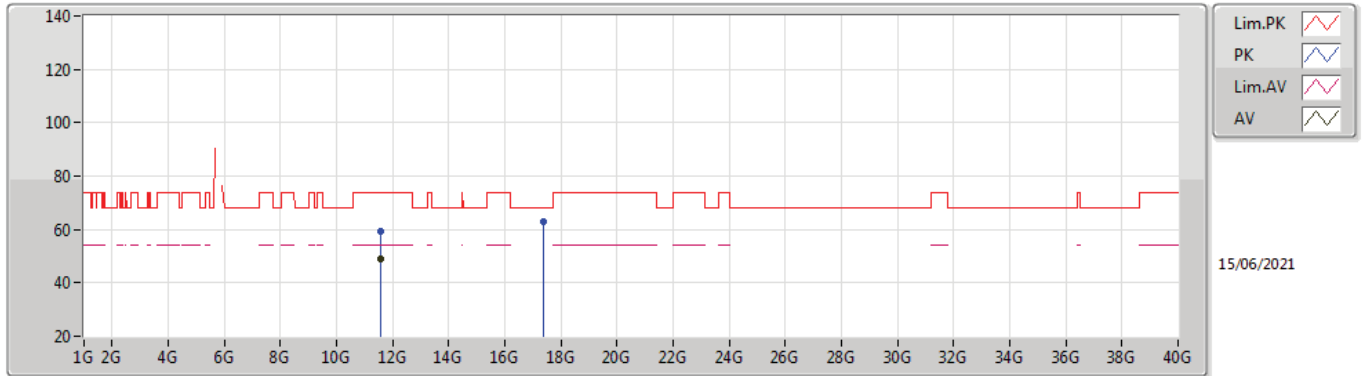
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7862G	114.36	Inf	-Inf	9.59	3	Vertical	65	1.88	-	104.77	31.90	6.99	29.30
PK	5.6206G	64.65	68.20	-3.55	9.33	3	Vertical	65	1.88	-	55.32	31.66	6.91	29.24
PK	5.7862G	123.03	Inf	-Inf	9.59	3	Vertical	65	1.88	-	113.44	31.90	6.99	29.30
PK	5.9518G	63.01	68.20	-5.19	10.13	3	Vertical	65	1.88	-	52.88	32.40	7.08	29.35

802.11a_Nss1,(6Mbps)_2TX

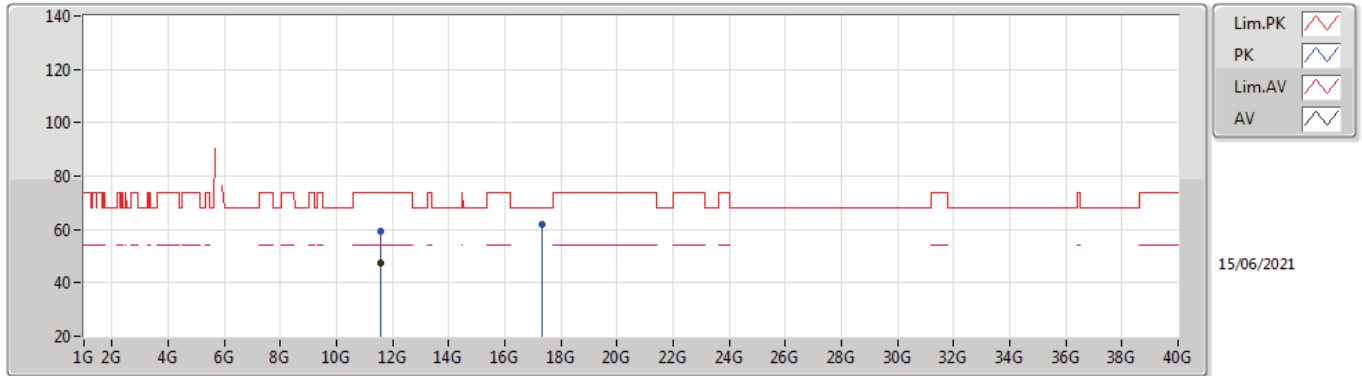
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56808G	48.97	54.00	-5.03	18.98	3	Vertical	153	2.75	-	29.99	39.83	9.51	30.36
PK	11.5757G	59.25	74.00	-14.75	18.98	3	Vertical	153	2.75	-	40.27	39.82	9.51	30.35
PK	17.36544G	62.86	68.20	-5.34	21.97	3	Vertical	158	1.12	-	40.89	40.42	12.25	30.70

802.11a_Nss1,(6Mbps)_2TX

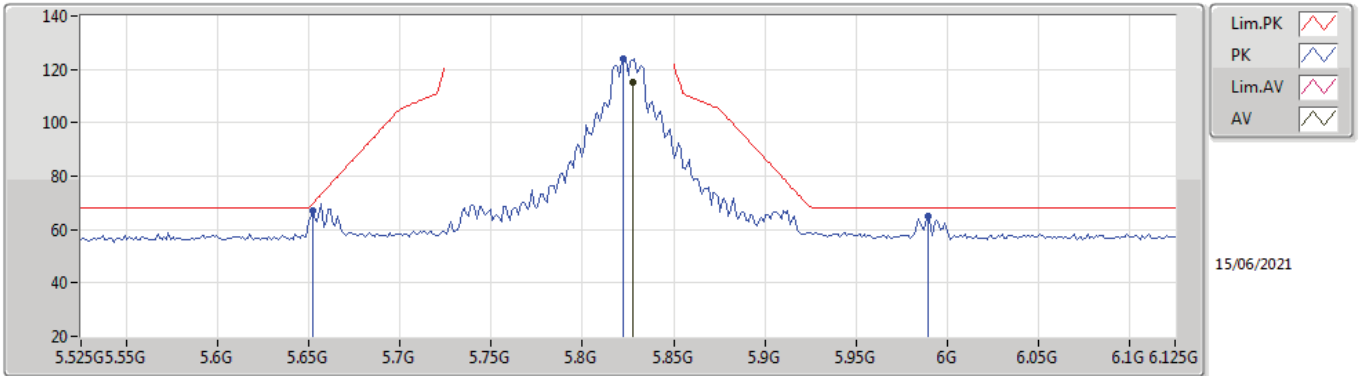
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5715G	47.62	54.00	-6.38	18.98	3	Horizontal	296	2.00	-	28.64	39.83	9.51	30.36
PK	11.5586G	59.13	74.00	-14.87	18.98	3	Horizontal	296	2.00	-	40.15	39.84	9.50	30.36
PK	17.34108G	62.07	68.20	-6.13	21.76	3	Horizontal	273	1.86	-	40.31	40.23	12.24	30.71

802.11a_Nss1,(6Mbps)_2TX

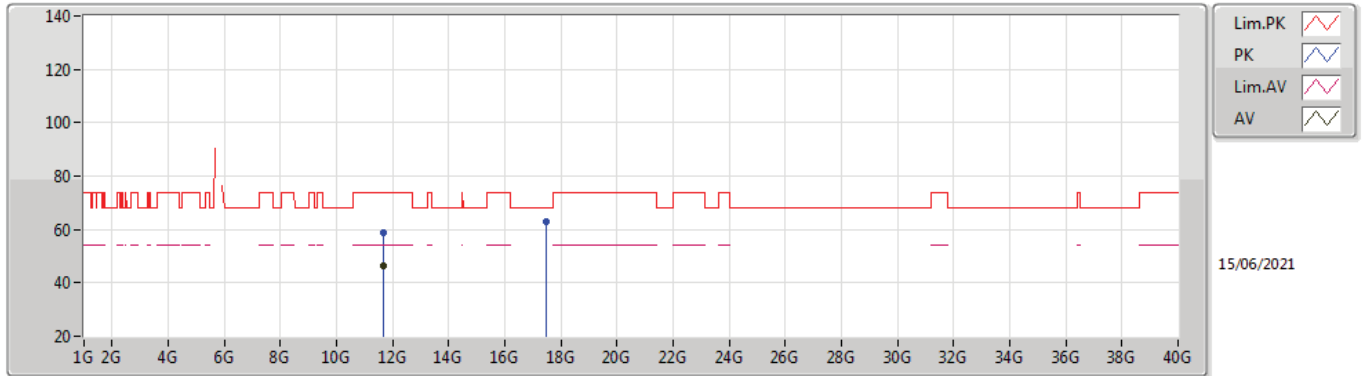
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8274G	115.41	Inf	-Inf	9.71	3	Vertical	267	1.88	-	105.70	32.01	7.01	29.31
PK	5.6522G	66.93	69.83	-2.90	9.29	3	Vertical	267	1.88	-	57.64	31.61	6.93	29.25
PK	5.8226G	124.20	Inf	-Inf	9.69	3	Vertical	267	1.88	-	114.51	31.99	7.01	29.31
PK	5.9894G	65.02	68.20	-3.18	10.04	3	Vertical	267	1.88	-	54.98	32.32	7.09	29.37

802.11a_Nss1,(6Mbps)_2TX

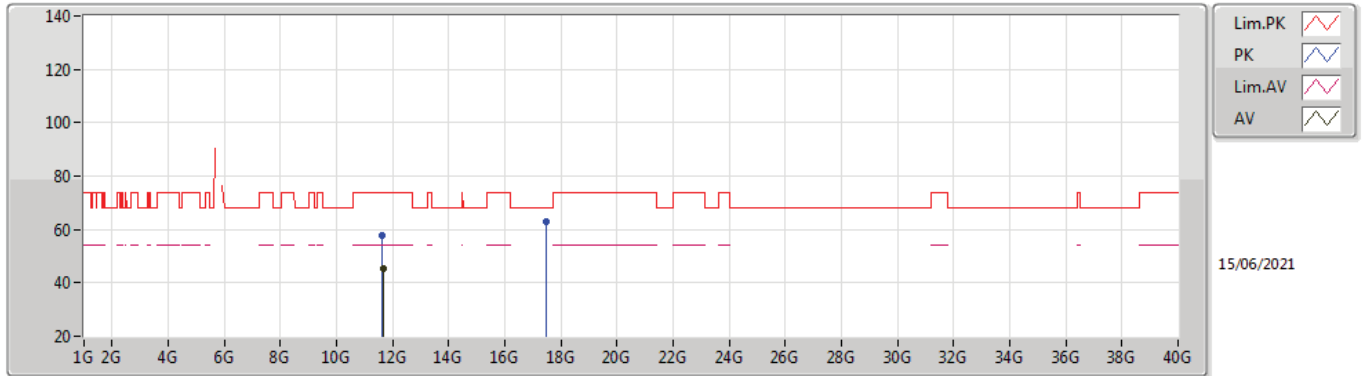
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64862G	46.48	54.00	-7.52	18.77	3	Vertical	155	2.97	-	27.71	39.56	9.54	30.33
PK	11.64868G	58.63	74.00	-15.37	18.77	3	Vertical	155	2.97	-	39.86	39.56	9.54	30.33
PK	17.4756G	63.12	68.20	-5.08	22.64	3	Vertical	21	1.50	-	40.48	41.00	12.31	30.67

802.11a_Nss1,(6Mbps)_2TX

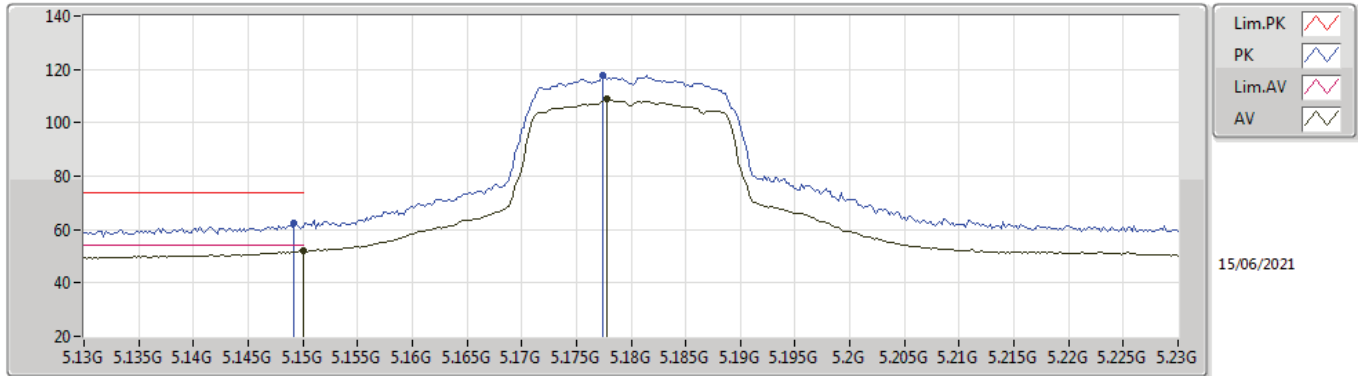
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65618G	45.35	54.00	-8.65	18.74	3	Horizontal	287	2.40	-	26.61	39.52	9.55	30.33
PK	11.64388G	57.67	74.00	-16.33	18.79	3	Horizontal	287	2.40	-	38.88	39.58	9.54	30.33
PK	17.46966G	62.93	68.20	-5.27	22.62	3	Horizontal	354	2.00	-	40.31	40.98	12.31	30.67

802.11ac VHT20_Nss1,(MCS0)_2TX

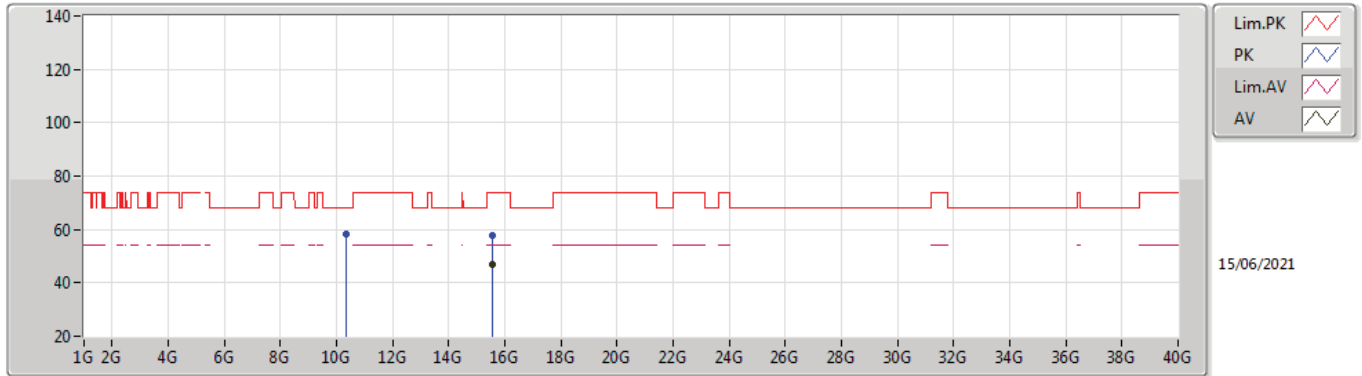
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.29	54.00	-1.71	9.60	3	Vertical	267	1.98	-	42.69	32.00	6.78	29.18
AV	5.1778G	108.71	Inf	-Inf	9.55	3	Vertical	267	1.98	-	99.16	31.94	6.79	29.18
PK	5.1492G	62.39	74.00	-11.61	9.59	3	Vertical	267	1.98	-	52.80	32.00	6.77	29.18
PK	5.1774G	117.88	Inf	-Inf	9.56	3	Vertical	267	1.98	-	108.32	31.95	6.79	29.18

802.11ac VHT20_Nss1,(MCS0)_2TX

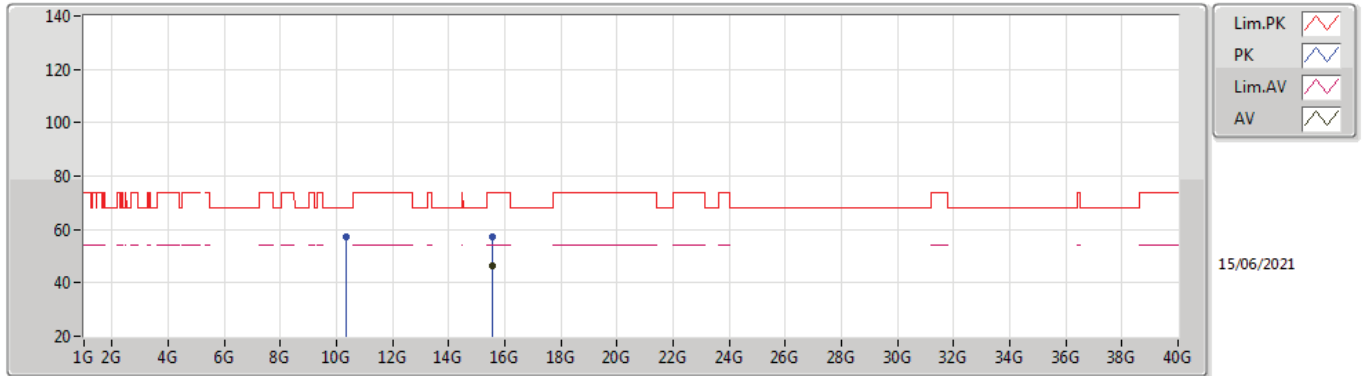
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53574G	46.64	54.00	-7.36	18.35	3	Vertical	338	2.17	-	28.29	38.09	11.29	31.03
PK	10.36438G	58.16	68.20	-10.04	18.07	3	Vertical	193	1.00	-	40.09	39.46	8.96	30.35
PK	15.5439G	57.99	74.00	-16.01	18.30	3	Vertical	338	2.17	-	39.69	38.04	11.29	31.03

802.11ac VHT20_Nss1,(MCS0)_2TX

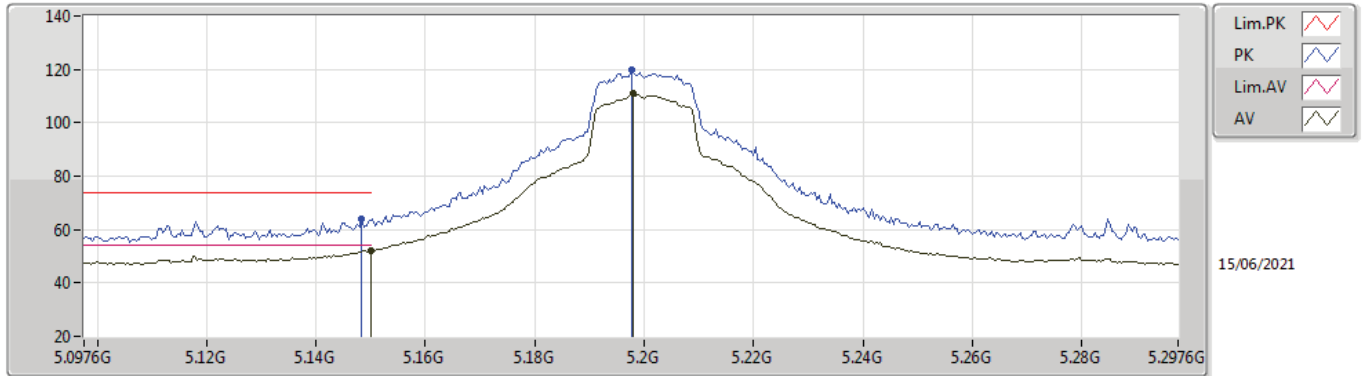
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54522G	46.50	54.00	-7.50	18.30	3	Horizontal	219	1.49	-	28.20	38.03	11.30	31.03
PK	10.3468G	57.20	68.20	-11.00	18.01	3	Horizontal	82	1.14	-	39.19	39.39	8.96	30.34
PK	15.53994G	57.46	74.00	-16.54	18.32	3	Horizontal	219	1.49	-	39.14	38.06	11.29	31.03

802.11ac VHT20_Nss1,(MCS0)_2TX

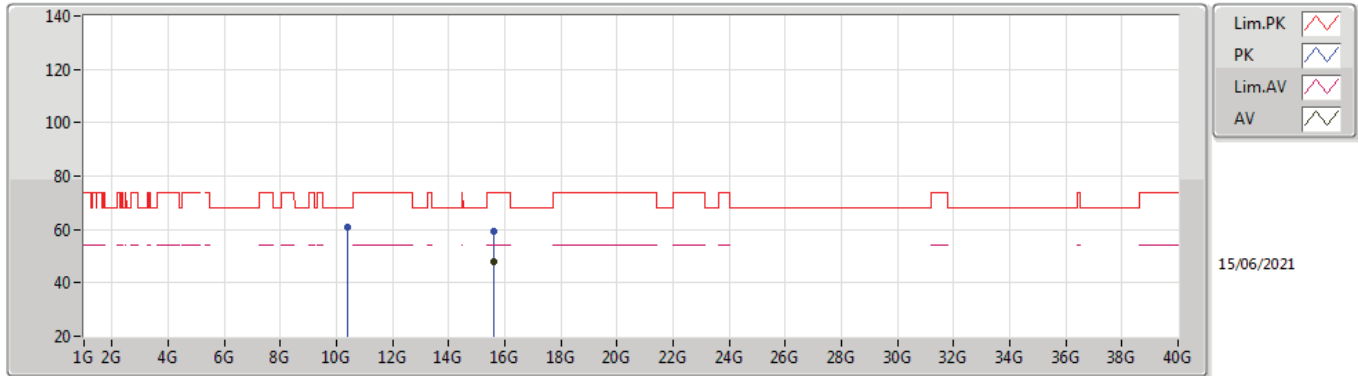
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.93	54.00	-2.07	9.60	3	Vertical	348	1.50	-	42.33	32.00	6.78	29.18
AV	5.198G	110.88	Inf	-Inf	9.52	3	Vertical	348	1.50	-	101.36	31.90	6.80	29.18
PK	5.1484G	63.77	74.00	-10.23	9.59	3	Vertical	348	1.50	-	54.18	32.00	6.77	29.18
PK	5.1976G	119.94	Inf	-Inf	9.52	3	Vertical	348	1.50	-	110.42	31.90	6.80	29.18

802.11ac VHT20_Nss1,(MCS0)_2TX

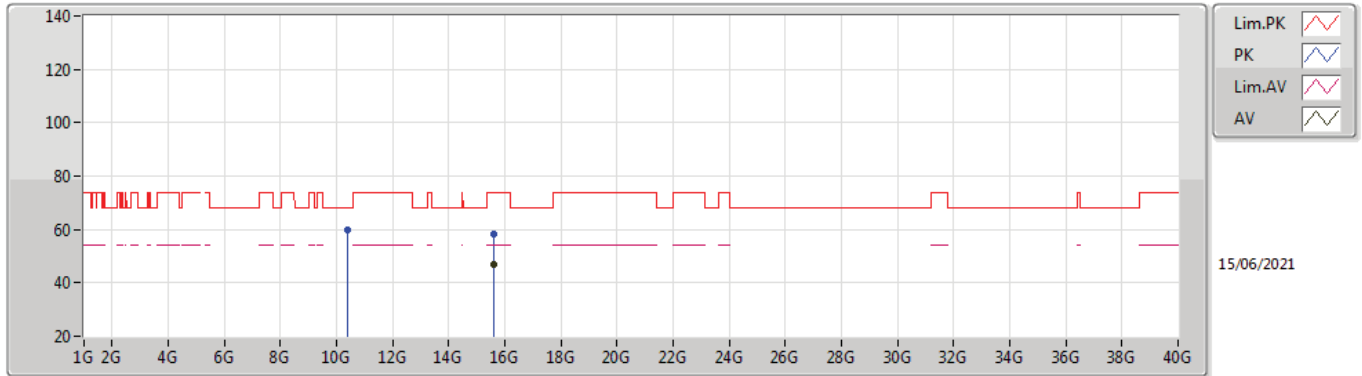
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59952G	47.93	54.00	-6.07	17.98	3	Vertical	145	2.38	-	29.95	37.70	11.32	31.04
PK	10.39868G	60.90	68.20	-7.30	18.21	3	Vertical	149	1.52	-	42.69	39.59	8.98	30.36
PK	15.59976G	59.24	74.00	-14.76	17.98	3	Vertical	145	2.38	-	41.26	37.70	11.32	31.04

802.11ac VHT20_Nss1,(MCS0)_2TX

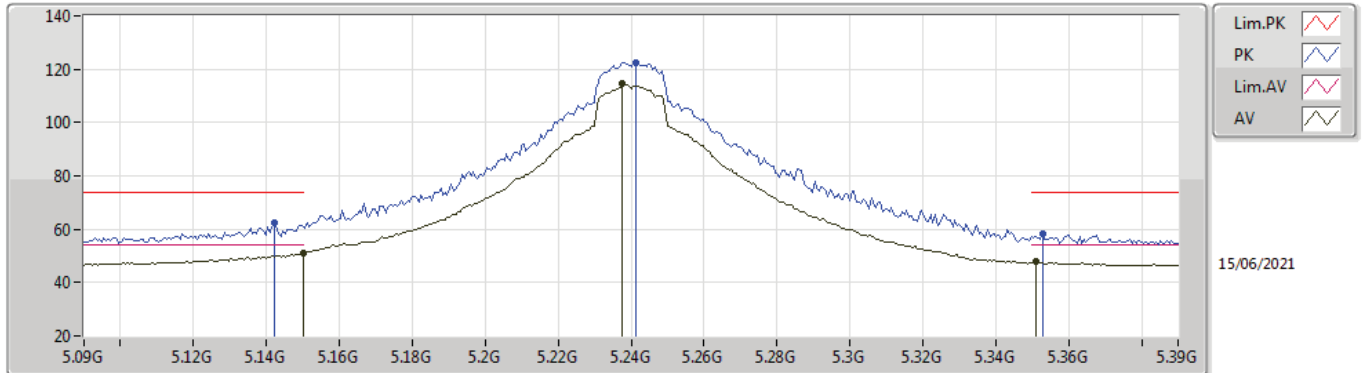
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59076G	46.72	54.00	-7.28	18.04	3	Horizontal	142	1.49	-	28.68	37.76	11.32	31.04
PK	10.40102G	59.91	68.20	-8.29	18.22	3	Horizontal	13	1.91	-	41.69	39.60	8.98	30.36
PK	15.5985G	58.07	74.00	-15.93	17.99	3	Horizontal	142	1.49	-	40.08	37.71	11.32	31.04

802.11ac VHT20_Nss1,(MCS0)_2TX

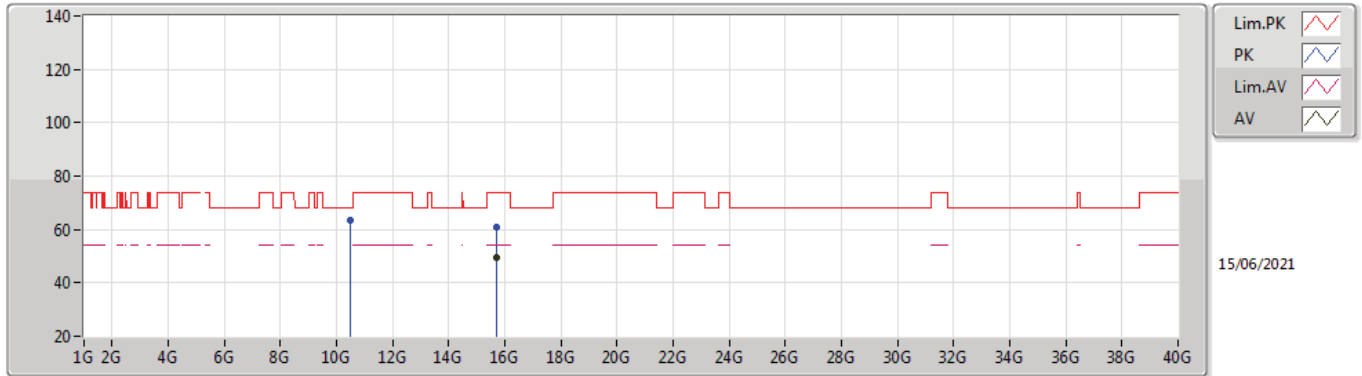
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.24	54.00	-2.76	9.60	3	Vertical	238	1.96	-	41.64	32.00	6.78	29.18
AV	5.2376G	114.63	Inf	-Inf	9.22	3	Vertical	238	1.96	-	105.41	31.60	6.80	29.18
AV	5.351G	47.79	54.00	-6.21	8.72	3	Vertical	238	1.96	-	39.07	31.11	6.80	29.19
PK	5.1422G	62.18	74.00	-11.82	9.59	3	Vertical	238	1.96	-	52.59	32.00	6.77	29.18
PK	5.2412G	122.60	Inf	-Inf	9.19	3	Vertical	238	1.96	-	113.41	31.57	6.80	29.18
PK	5.3528G	58.10	74.00	-15.90	8.73	3	Vertical	238	1.96	-	49.37	31.12	6.80	29.19

802.11ac VHT20_Nss1,(MCS0)_2TX

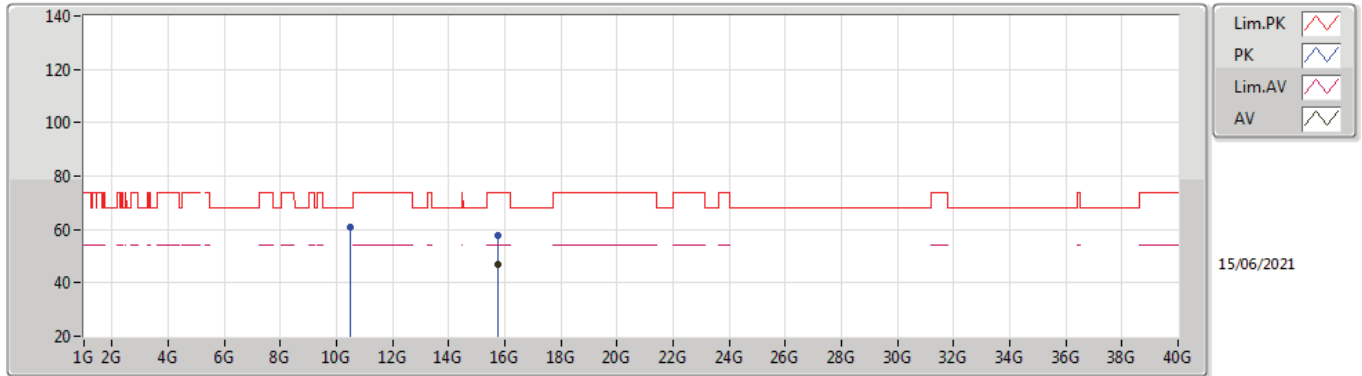
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72258G	49.39	54.00	-4.61	17.71	3	Vertical	211	2.34	-	31.68	37.38	11.38	31.05
PK	10.47094G	63.36	68.20	-4.84	18.30	3	Vertical	337	1.50	-	45.06	39.67	9.01	30.38
PK	15.71784G	60.78	74.00	-13.22	17.70	3	Vertical	211	2.34	-	43.08	37.38	11.37	31.05

802.11ac VHT20_Nss1,(MCS0)_2TX

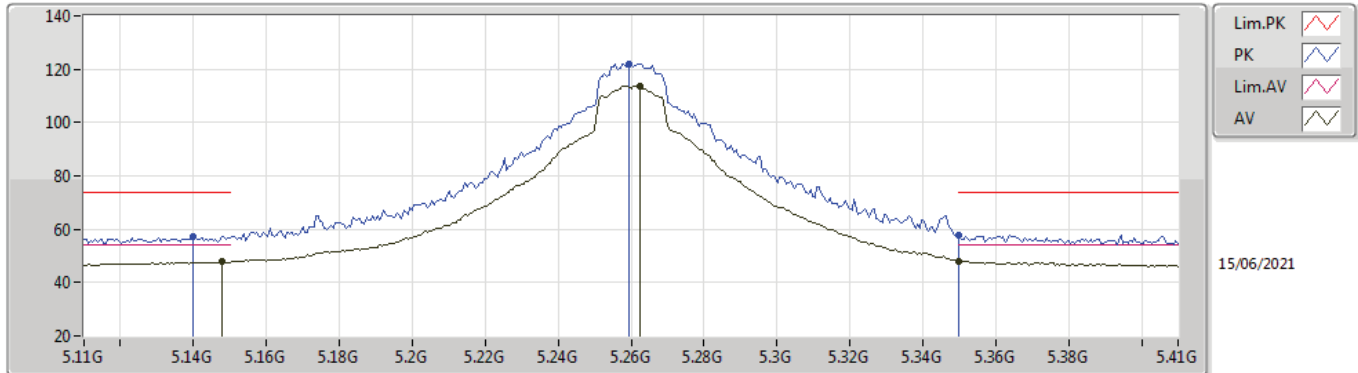
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7305G	46.91	54.00	-7.09	17.70	3	Horizontal	47	1.15	-	29.21	37.37	11.38	31.05
PK	10.47658G	60.99	68.20	-7.21	18.31	3	Horizontal	233	2.34	-	42.68	39.68	9.01	30.38
PK	15.73278G	57.68	74.00	-16.32	17.70	3	Horizontal	47	1.15	-	39.98	37.37	11.38	31.05

802.11ac VHT20_Nss1,(MCS0)_2TX

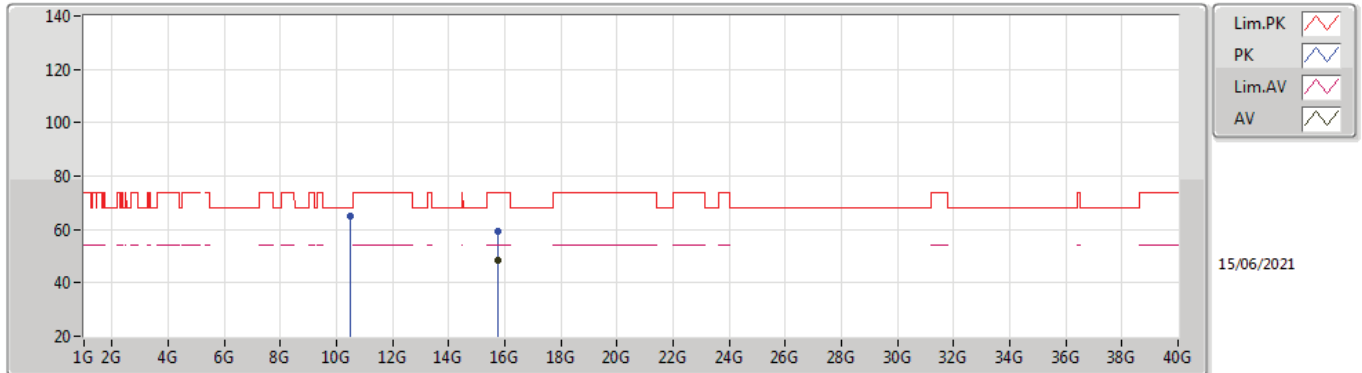
5260MHz_TX



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	5.1478G	47.84	54.00	-6.16	9.59	3	Vertical	8	1.52	-	38.25	32.00	6.77	29.18
AV	5.2624G	113.71	Inf	-Inf	9.04	3	Vertical	8	1.52	-	104.67	31.43	6.80	29.19
AV	5.35G	48.18	54.00	-5.82	8.71	3	Vertical	8	1.52	-	39.47	31.10	6.80	29.19
PK	5.14G	57.22	74.00	-16.78	9.59	3	Vertical	8	1.52	-	47.63	32.00	6.77	29.18
PK	5.2594G	122.15	Inf	-Inf	9.05	3	Vertical	8	1.52	-	113.10	31.44	6.80	29.19
PK	5.35G	57.82	74.00	-16.18	8.71	3	Vertical	8	1.52	-	49.11	31.10	6.80	29.19

802.11ac VHT20_Nss1,(MCS0)_2TX

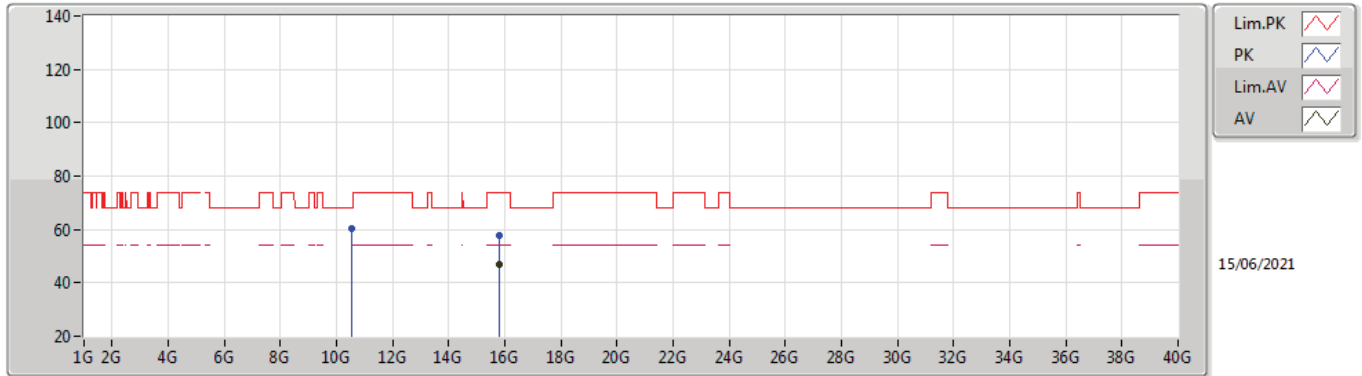
5260MHz_TX



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	15.77598G	48.42	54.00	-5.58	17.66	3	Vertical	212	1.09	-	30.76	37.32	11.40	31.06
PK	10.51622G	64.84	68.20	-3.36	18.32	3	Vertical	192	1.00	-	46.52	39.68	9.03	30.39
PK	15.7761G	59.55	74.00	-14.45	17.66	3	Vertical	212	1.09	-	41.89	37.32	11.40	31.06

802.11ac VHT20_Nss1,(MCS0)_2TX

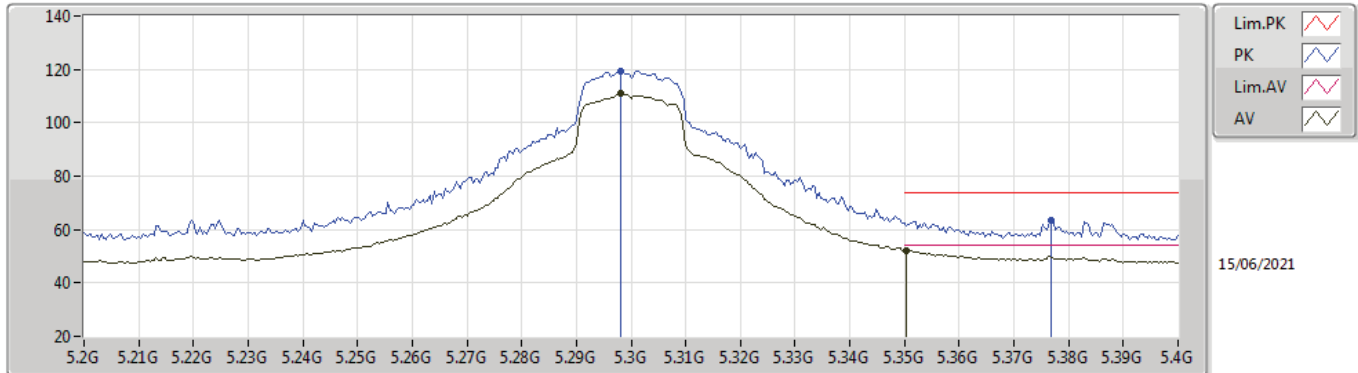
5260MHz_TX



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	15.77934G	46.91	54.00	-7.09	17.66	3	Horizontal	339	1.19	-	29.25	37.32	11.40	31.06
PK	10.51826G	60.29	68.20	-7.91	18.32	3	Horizontal	140	1.06	-	41.97	39.68	9.03	30.39
PK	15.78618G	57.94	74.00	-16.06	17.65	3	Horizontal	339	1.19	-	40.29	37.31	11.40	31.06

802.11ac VHT20_Nss1,(MCS0)_2TX

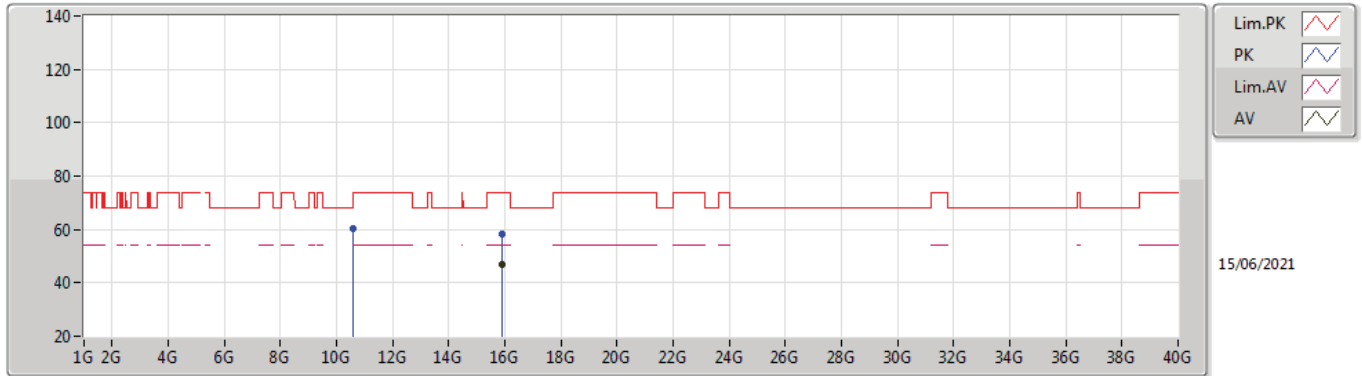
5300MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.298G	110.99	Inf	-Inf	8.82	3	Vertical	258	1.85	-	102.17	31.21	6.80	29.19
AV	5.3504G	52.28	54.00	-1.72	8.71	3	Vertical	258	1.85	-	43.57	31.10	6.80	29.19
PK	5.298G	119.39	Inf	-Inf	8.82	3	Vertical	258	1.85	-	110.57	31.21	6.80	29.19
PK	5.3768G	63.63	74.00	-10.37	8.92	3	Vertical	258	1.85	-	54.71	31.31	6.80	29.19

802.11ac VHT20_Nss1,(MCS0)_2TX

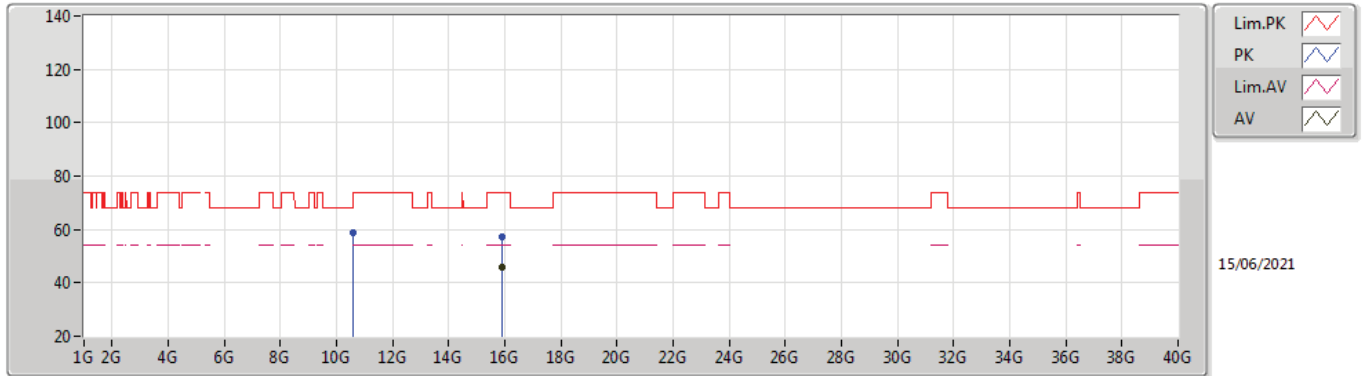
5300MHz_TX



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	15.8976G	46.69	54.00	-7.31	17.39	3	Vertical	221	2.82	-	29.30	37.01	11.45	31.07
PK	10.5961G	60.56	68.20	-7.64	18.27	3	Vertical	337	1.65	-	42.29	39.60	9.07	30.40
PK	15.90258G	58.44	74.00	-15.56	17.39	3	Vertical	221	2.82	-	41.05	37.00	11.46	31.07

802.11ac VHT20_Nss1,(MCS0)_2TX

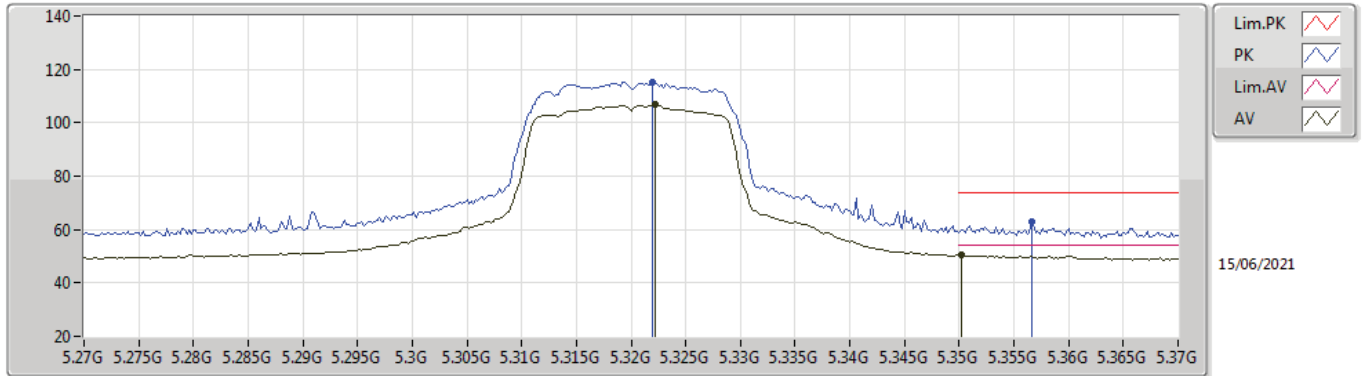
5300MHz_TX



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	15.9078G	45.87	54.00	-8.13	17.39	3	Horizontal	333	1.50	-	28.48	37.00	11.46	31.07
PK	10.5961G	58.54	68.20	-9.66	18.27	3	Horizontal	360	2.80	-	40.27	39.60	9.07	30.40
PK	15.9087G	57.27	74.00	-16.73	17.39	3	Horizontal	333	1.50	-	39.88	37.00	11.46	31.07

802.11ac VHT20_Nss1,(MCS0)_2TX

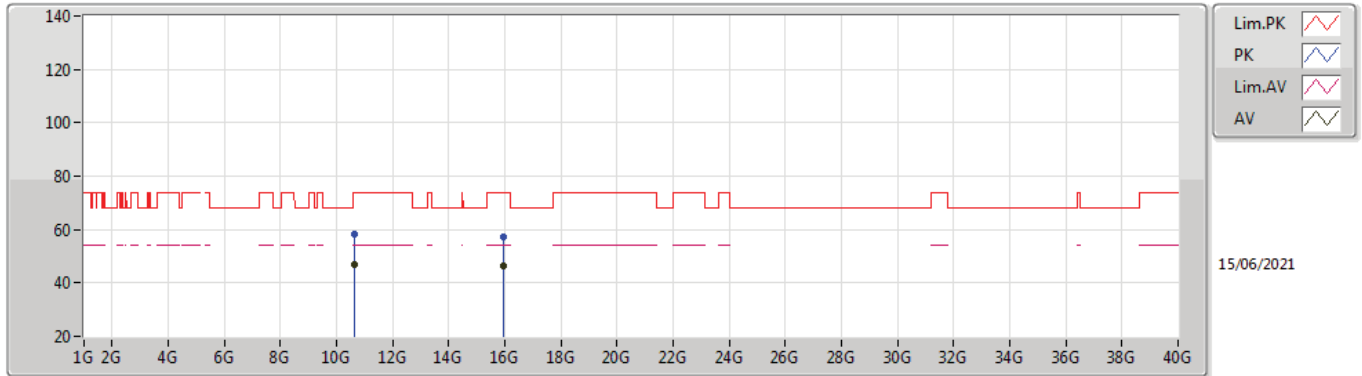
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3222G	106.94	Inf	-Inf	8.77	3	Vertical	3	1.57	-	98.17	31.16	6.80	29.19
AV	5.3502G	50.36	54.00	-3.64	8.71	3	Vertical	3	1.57	-	41.65	31.10	6.80	29.19
PK	5.322G	115.16	Inf	-Inf	8.77	3	Vertical	3	1.57	-	106.39	31.16	6.80	29.19
PK	5.3566G	63.10	74.00	-10.90	8.76	3	Vertical	3	1.57	-	54.34	31.15	6.80	29.19

802.11ac VHT20_Nss1,(MCS0)_2TX

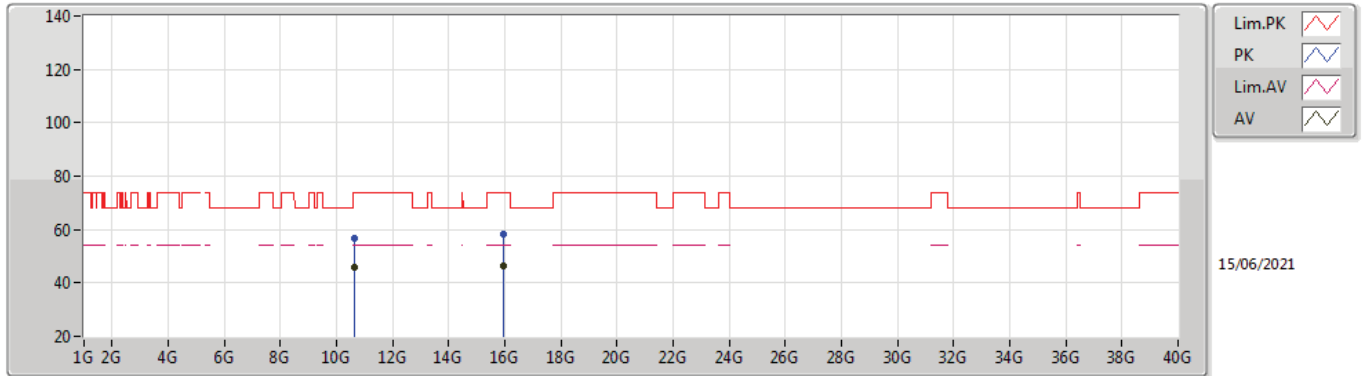
5320MHz_TX



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	10.6412G	47.12	54.00	-6.88	18.36	3	Vertical	193	1.00	-	28.76	39.68	9.09	30.41
AV	15.972G	46.17	54.00	-7.83	17.41	3	Vertical	103	2.30	-	28.76	37.00	11.49	31.08
PK	10.6385G	58.22	74.00	-15.78	18.36	3	Vertical	193	1.00	-	39.86	39.68	9.09	30.41
PK	15.97116G	57.37	74.00	-16.63	17.41	3	Vertical	103	2.30	-	39.96	37.00	11.49	31.08

802.11ac VHT20_Nss1,(MCS0)_2TX

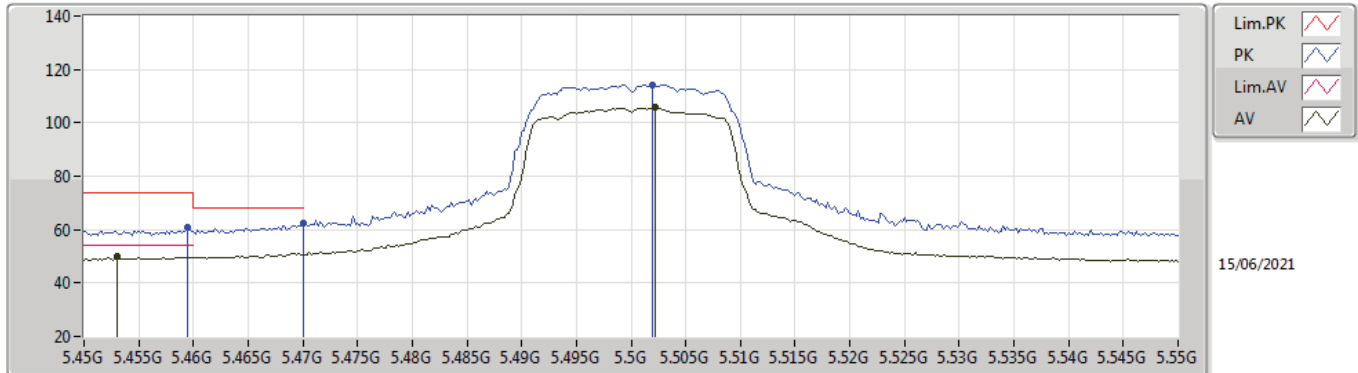
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.62926G	45.70	54.00	-8.30	18.33	3	Horizontal	309	2.73	-	27.37	39.66	9.08	30.41
AV	15.94992G	46.40	54.00	-7.60	17.41	3	Horizontal	137	1.50	-	28.99	37.00	11.48	31.07
PK	10.63916G	56.79	74.00	-17.21	18.36	3	Horizontal	309	2.73	-	38.43	39.68	9.09	30.41
PK	15.96432G	58.24	74.00	-15.76	17.40	3	Horizontal	137	1.50	-	40.84	37.00	11.48	31.08

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.453G	49.84	54.00	-4.16	9.24	3	Vertical	0	1.50	-	40.60	31.61	6.83	29.20
AV	5.5022G	106.02	Inf	-Inf	9.45	3	Vertical	0	1.50	-	96.57	31.80	6.85	29.20
PK	5.4594G	60.62	74.00	-13.38	9.27	3	Vertical	0	1.50	-	51.35	31.64	6.83	29.20
PK	5.47G	62.43	68.20	-5.77	9.31	3	Vertical	0	1.50	-	53.12	31.68	6.83	29.20
PK	5.502G	114.31	Inf	-Inf	9.45	3	Vertical	0	1.50	-	104.86	31.80	6.85	29.20

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	10.99856G	47.32	54.00	-6.68	19.10	3	Vertical	8	2.09	-	28.22	40.30	9.25	30.45
PK	11.0063G	58.13	74.00	-15.87	19.07	3	Vertical	8	2.09	-	39.06	40.27	9.25	30.45
PK	16.49574G	59.92	68.20	-8.28	19.47	3	Vertical	54	1.50	-	40.45	38.77	11.77	31.07

802.11ac VHT20_Nss1,(MCS0)_2TX

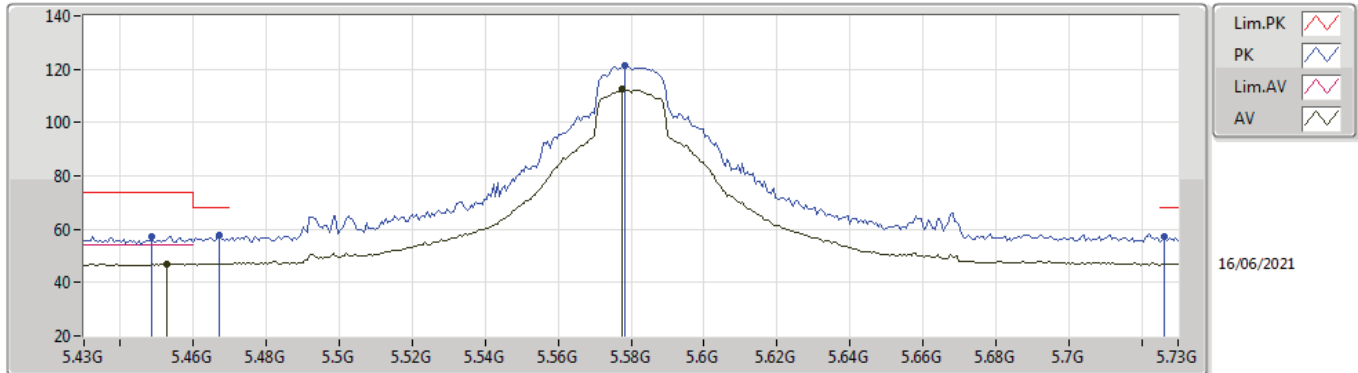
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.003G	46.15	54.00	-7.85	19.09	3	Horizontal	215	2.50	-	27.06	40.29	9.25	30.45
PK	11.01494G	57.69	74.00	-16.31	19.05	3	Horizontal	215	2.50	-	38.64	40.24	9.26	30.45
PK	16.5036G	60.46	68.20	-7.74	19.51	3	Horizontal	12	1.50	-	40.95	38.80	11.78	31.07

802.11ac VHT20_Nss1,(MCS0)_2TX

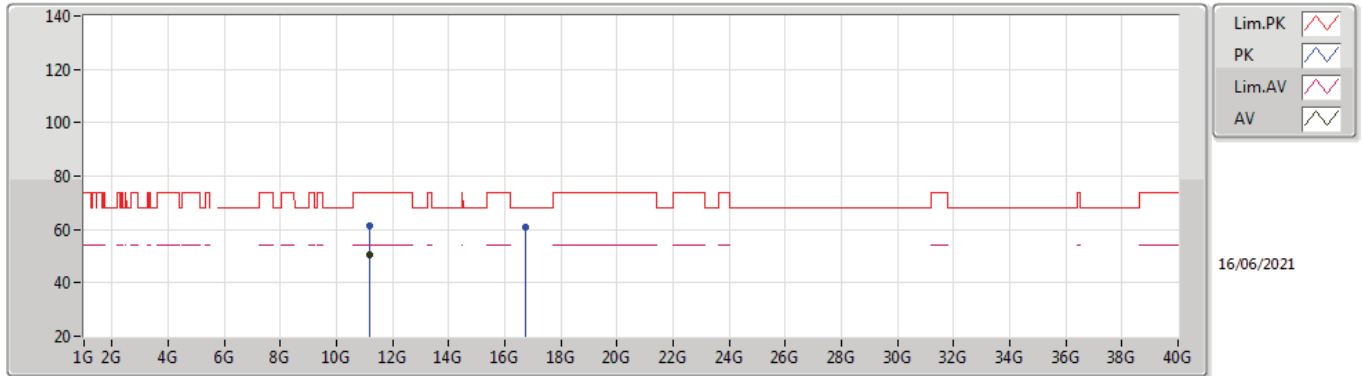
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4528G	47.06	54.00	-6.94	9.24	3	Vertical	257	1.88	-	37.82	31.61	6.83	29.20
AV	5.5776G	112.62	Inf	-Inf	9.36	3	Vertical	257	1.88	-	103.26	31.70	6.89	29.23
PK	5.4486G	57.16	74.00	-16.84	9.22	3	Vertical	257	1.88	-	47.94	31.60	6.82	29.20
PK	5.4672G	57.80	68.20	-10.40	9.30	3	Vertical	257	1.88	-	48.50	31.67	6.83	29.20
PK	5.5782G	121.37	Inf	-Inf	9.36	3	Vertical	257	1.88	-	112.01	31.70	6.89	29.23
PK	5.7264G	57.35	68.20	-10.85	9.53	3	Vertical	257	1.88	-	47.82	31.85	6.96	29.28

802.11ac VHT20_Nss1,(MCS0)_2TX

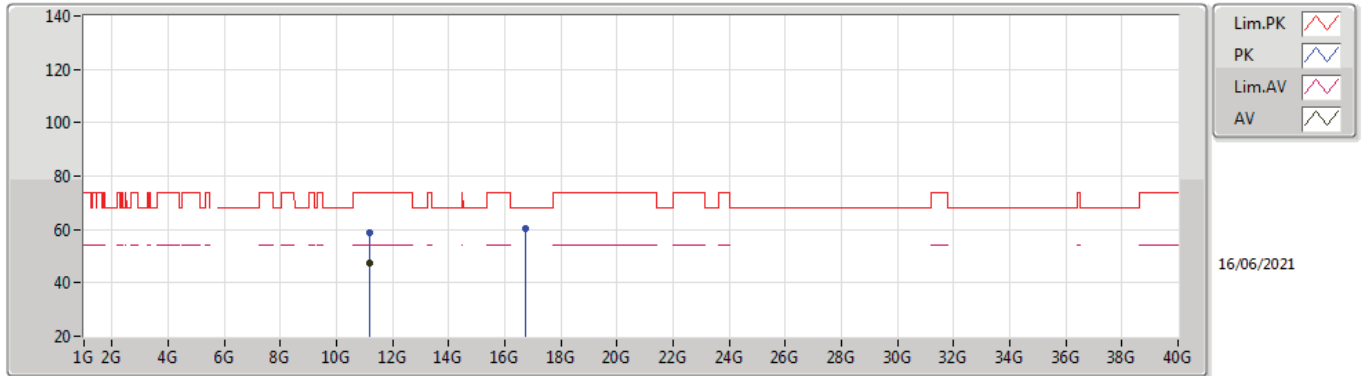
5580MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.15856G	50.73	54.00	-3.27	18.67	3	Vertical	159	1.24	-	32.06	39.78	9.32	30.43
PK	11.15868G	61.59	74.00	-12.41	18.67	3	Vertical	159	1.24	-	42.92	39.78	9.32	30.43
PK	16.72848G	61.10	68.20	-7.10	20.55	3	Vertical	220	2.61	-	40.55	39.60	11.90	30.95

802.11ac VHT20_Nss1,(MCS0)_2TX

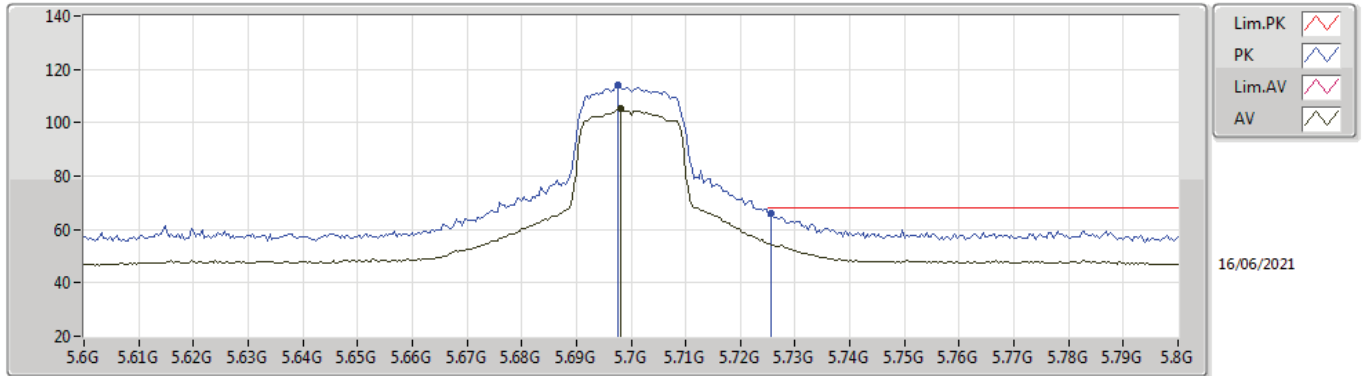
5580MHz_TX



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	11.16072G	47.44	54.00	-6.56	18.67	3	Horizontal	223	2.72	-	28.77	39.78	9.32	30.43
PK	11.1738G	58.86	74.00	-15.14	18.65	3	Horizontal	223	2.72	-	40.21	39.75	9.33	30.43
PK	16.73676G	60.60	68.20	-7.60	20.62	3	Horizontal	228	1.49	-	39.98	39.66	11.91	30.95

802.11ac VHT20_Nss1,(MCS0)_2TX

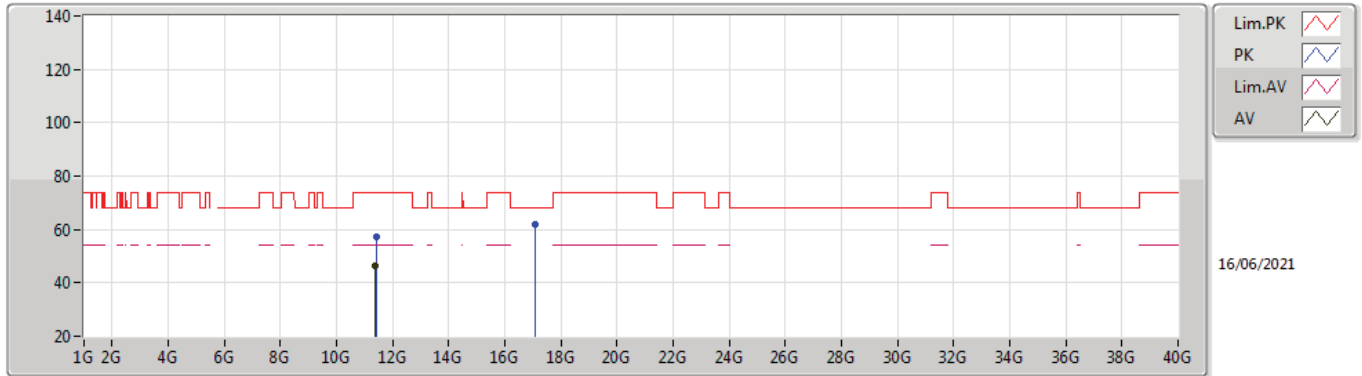
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.698G	105.17	Inf	-Inf	9.47	3	Vertical	330	1.72	-	95.70	31.79	6.95	29.27
PK	5.6976G	114.02	Inf	-Inf	9.47	3	Vertical	330	1.72	-	104.55	31.79	6.95	29.27
PK	5.7256G	66.22	68.20	-1.98	9.53	3	Vertical	330	1.72	-	56.69	31.85	6.96	29.28

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	11.39898G	46.43	54.00	-7.57	19.04	3	Vertical	332	1.50	-	27.39	40.00	9.43	30.39
PK	11.40678G	57.42	74.00	-16.58	19.03	3	Vertical	332	1.50	-	38.39	39.99	9.43	30.39
PK	17.0943G	62.05	68.20	-6.15	21.33	3	Vertical	270	2.00	-	40.72	40.01	12.10	30.78

802.11ac VHT20_Nss1,(MCS0)_2TX

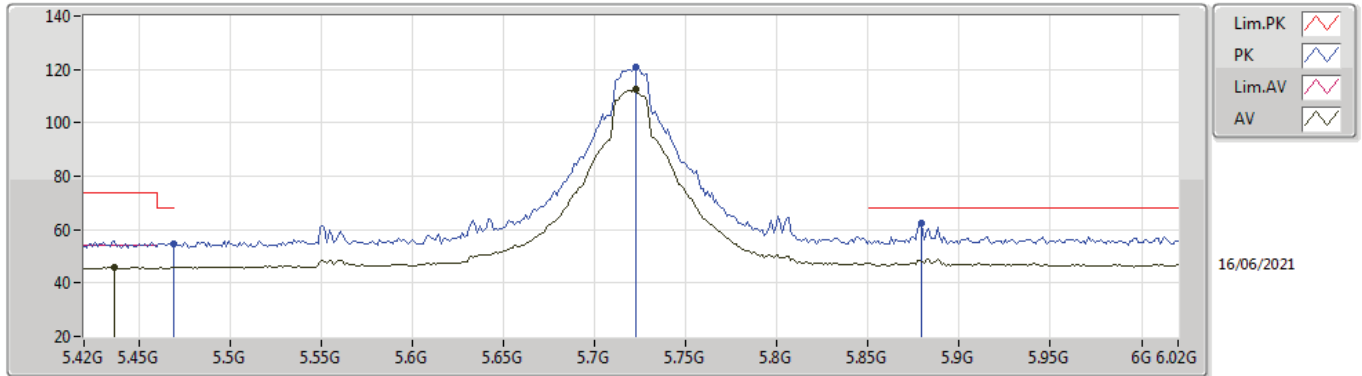
5700MHz_TX



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	11.3955G	46.28	54.00	-7.72	19.03	3	Horizontal	272	2.32	-	27.25	39.99	9.43	30.39
PK	11.3964G	57.35	74.00	-16.65	19.03	3	Horizontal	272	2.32	-	38.32	39.99	9.43	30.39
PK	17.09202G	61.20	68.20	-7.00	21.33	3	Horizontal	90	1.04	-	39.87	40.01	12.10	30.78

802.11ac VHT20_Nss1,(MCS0)_2TX

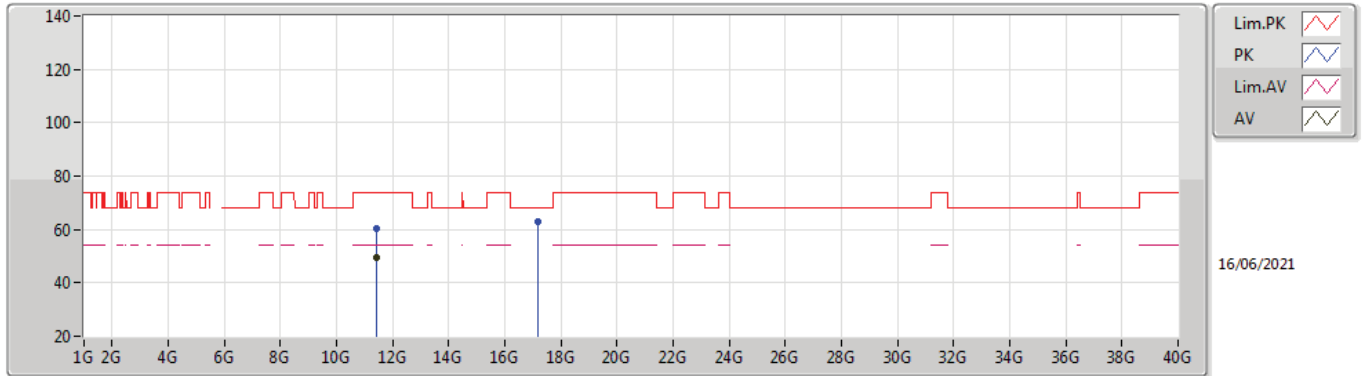
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4368G	46.11	54.00	-7.89	9.19	3	Vertical	337	1.82	-	36.92	31.57	6.82	29.20
AV	5.7224G	112.74	Inf	-Inf	9.52	3	Vertical	337	1.82	-	103.22	31.84	6.96	29.28
PK	5.4692G	54.84	68.20	-13.36	9.31	3	Vertical	337	1.82	-	45.53	31.68	6.83	29.20
PK	5.7224G	120.63	Inf	-Inf	9.52	3	Vertical	337	1.82	-	111.11	31.84	6.96	29.28
PK	5.8796G	62.21	68.20	-5.99	9.87	3	Vertical	337	1.82	-	52.34	32.16	7.04	29.33

802.11ac VHT20_Nss1,(MCS0)_2TX

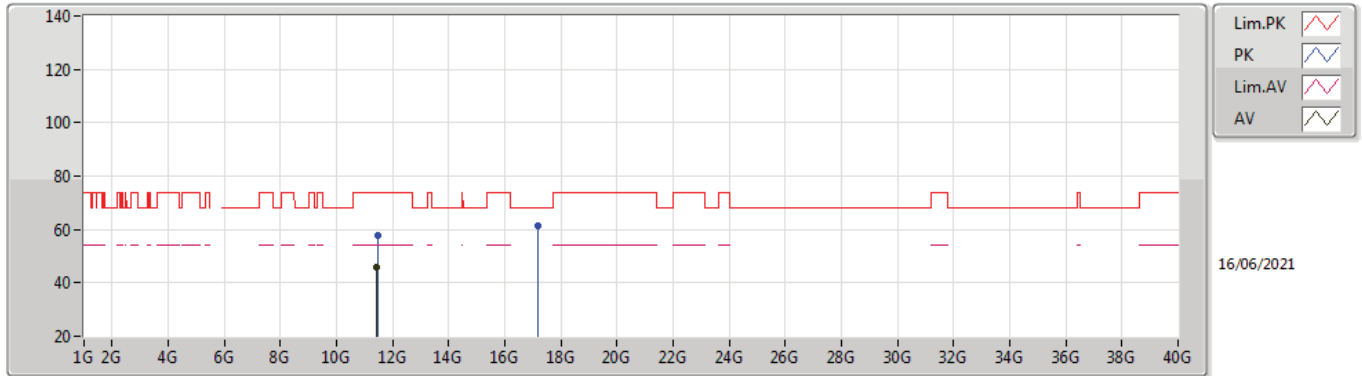
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43772G	49.54	54.00	-4.46	19.02	3	Vertical	144	2.77	-	30.52	39.96	9.45	30.39
PK	11.43652G	60.29	74.00	-13.71	19.02	3	Vertical	144	2.77	-	41.27	39.96	9.45	30.39
PK	17.16774G	62.99	68.20	-5.21	21.31	3	Vertical	216	2.68	-	41.68	39.93	12.14	30.76

802.11ac VHT20_Nss1,(MCS0)_2TX

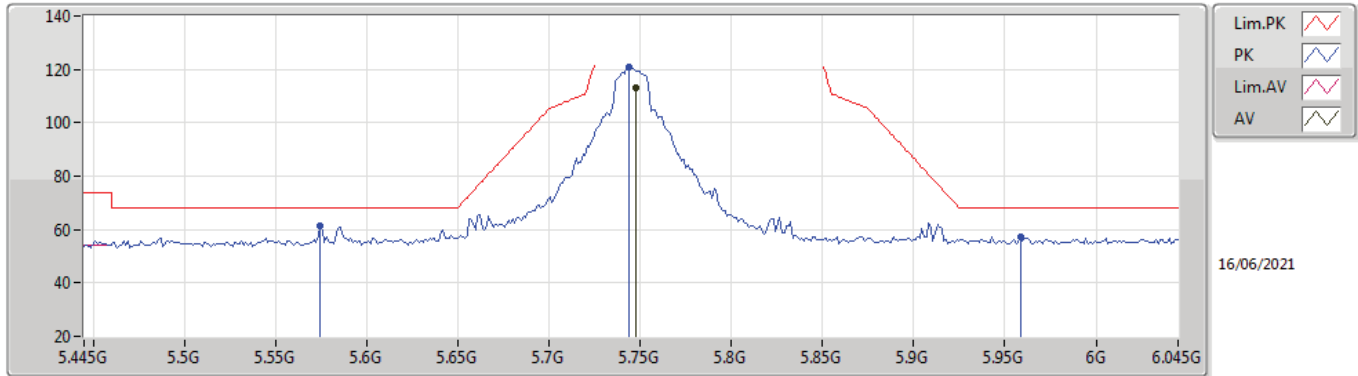
5720MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43436G	46.05	54.00	-7.95	19.03	3	Horizontal	360	1.98	-	27.02	39.97	9.45	30.39
PK	11.45152G	57.61	74.00	-16.39	19.01	3	Horizontal	360	1.98	-	38.60	39.95	9.45	30.39
PK	17.15676G	61.38	68.20	-6.82	21.32	3	Horizontal	252	1.50	-	40.06	39.94	12.14	30.76

802.11ac VHT20_Nss1,(MCS0)_2TX

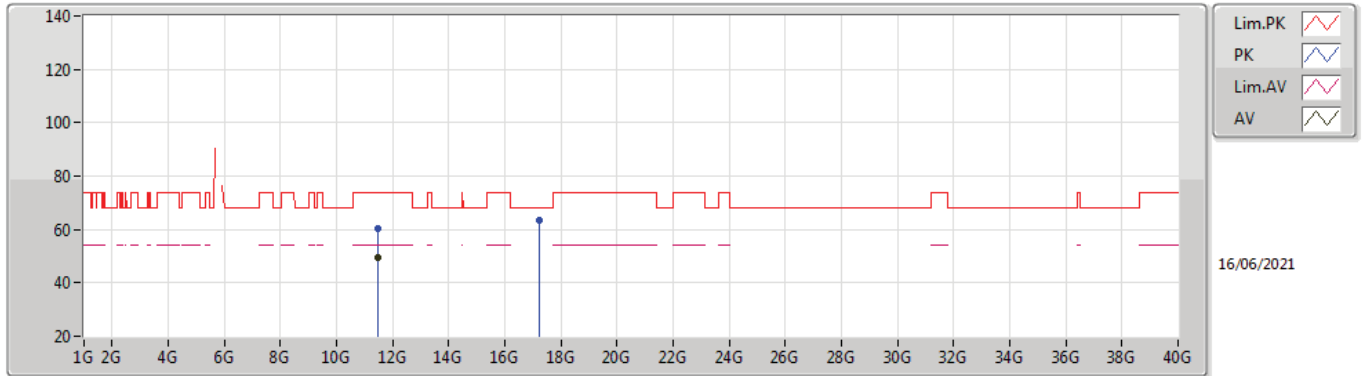
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	112.86	Inf	-Inf	9.58	3	Vertical	337	1.97	-	103.28	31.89	6.97	29.28
PK	5.746G	61.52	68.20	-6.68	9.36	3	Vertical	337	1.97	-	52.16	31.70	6.89	29.23
PK	5.7438G	120.99	Inf	-Inf	9.58	3	Vertical	337	1.97	-	111.41	31.89	6.97	29.28
PK	5.9586G	57.14	68.20	-11.06	10.10	3	Vertical	337	1.97	-	47.04	32.38	7.08	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

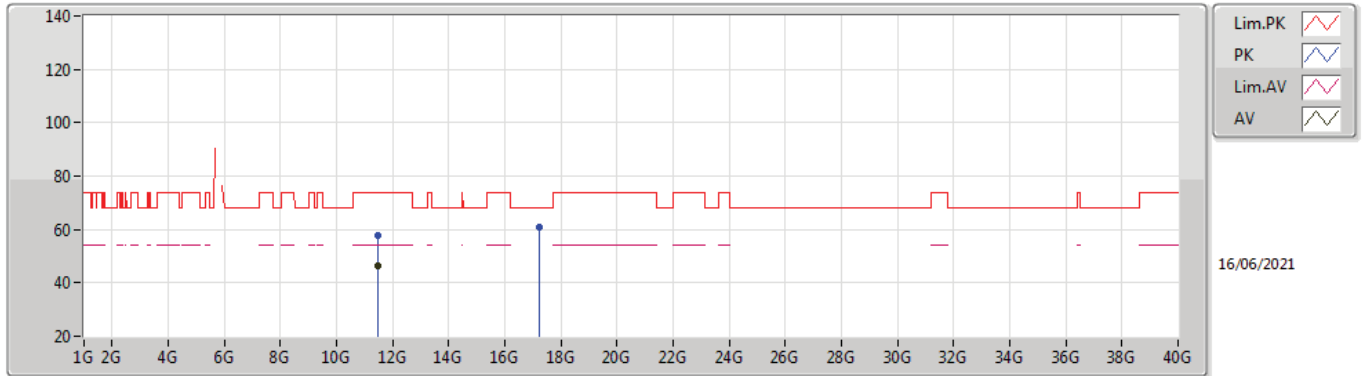
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48736G	49.43	54.00	-4.57	19.00	3	Vertical	152	2.78	-	30.43	39.91	9.47	30.38
PK	11.4924G	60.18	74.00	-13.82	19.00	3	Vertical	152	2.78	-	41.18	39.91	9.47	30.38
PK	17.23818G	63.56	68.20	-4.64	21.34	3	Vertical	216	2.67	-	42.22	39.90	12.18	30.74

802.11ac VHT20_Nss1,(MCS0)_2TX

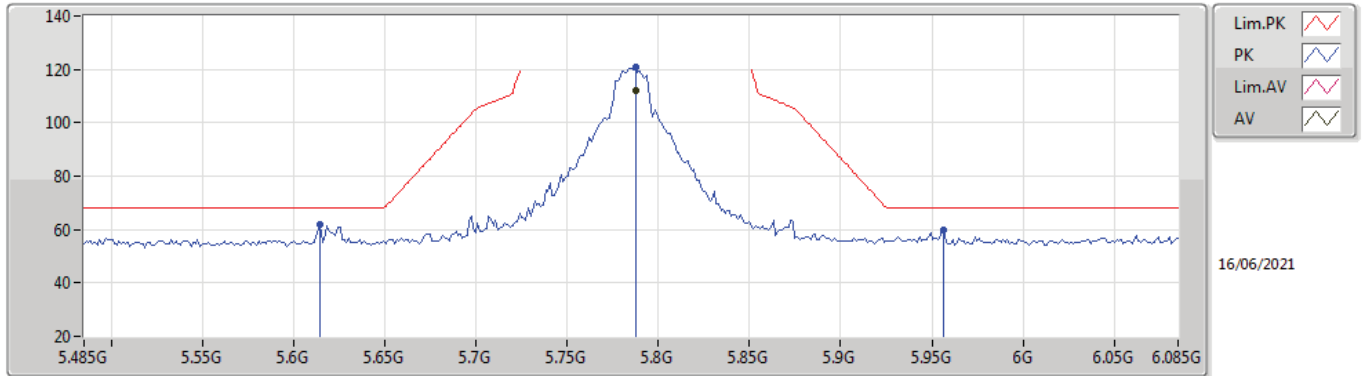
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49132G	46.57	54.00	-7.43	19.00	3	Horizontal	0	2.69	-	27.57	39.91	9.47	30.38
PK	11.49222G	58.01	74.00	-15.99	19.00	3	Horizontal	0	2.69	-	39.01	39.91	9.47	30.38
PK	17.24886G	60.86	68.20	-7.34	21.35	3	Horizontal	354	1.36	-	39.51	39.90	12.19	30.74

802.11ac VHT20_Nss1,(MCS0)_2TX

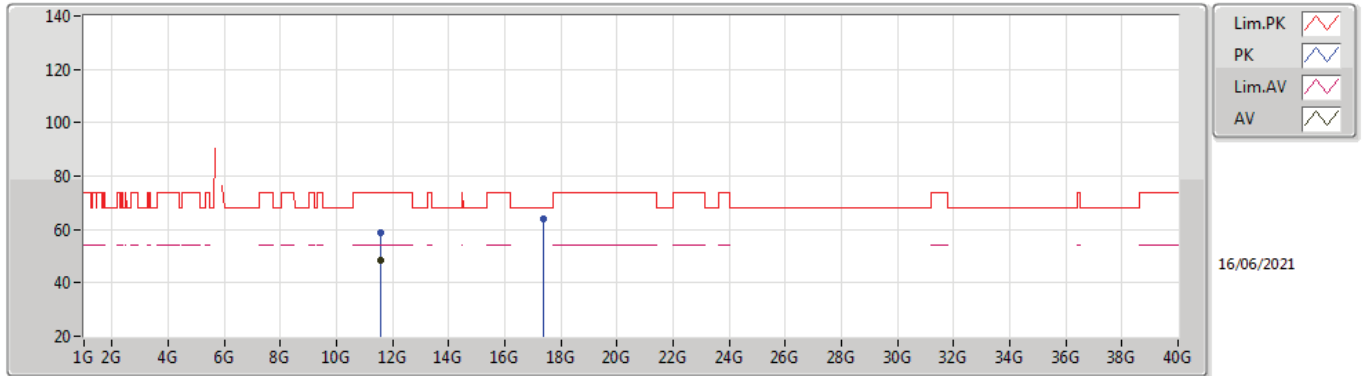
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7874G	112.27	Inf	-Inf	9.59	3	Vertical	3	1.50	-	102.68	31.90	6.99	29.30
PK	5.6146G	61.94	68.20	-6.26	9.34	3	Vertical	3	1.50	-	52.60	31.67	6.91	29.24
PK	5.7874G	120.72	Inf	-Inf	9.59	3	Vertical	3	1.50	-	111.13	31.90	6.99	29.30
PK	5.9566G	60.01	68.20	-8.19	10.11	3	Vertical	3	1.50	-	49.90	32.39	7.08	29.36

802.11ac VHT20_Nss1,(MCS0)_2TX

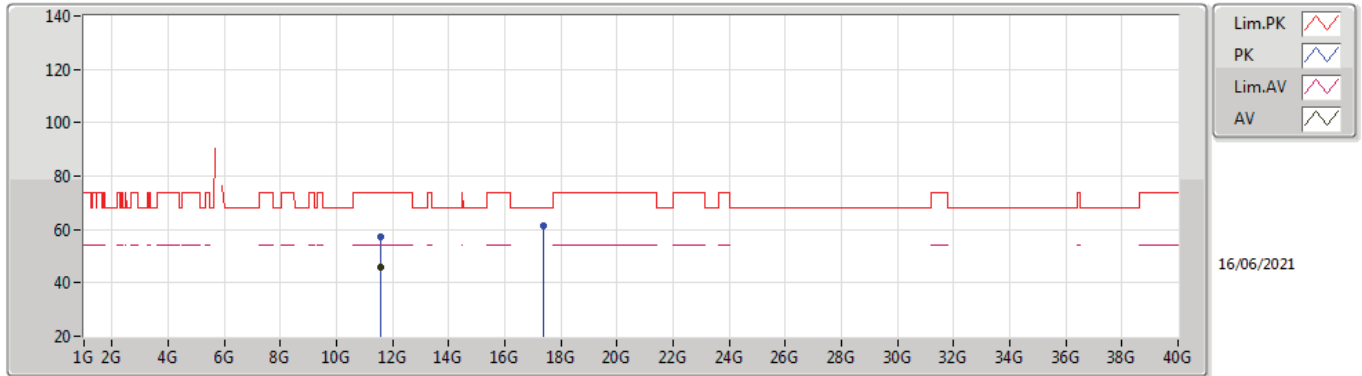
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56754G	48.29	54.00	-5.71	18.98	3	Vertical	146	3.00	-	29.31	39.83	9.51	30.36
PK	11.56388G	59.05	74.00	-14.95	18.98	3	Vertical	146	3.00	-	40.07	39.84	9.50	30.36
PK	17.35956G	64.15	68.20	-4.05	21.93	3	Vertical	219	2.61	-	42.22	40.38	12.25	30.70

802.11ac VHT20_Nss1,(MCS0)_2TX

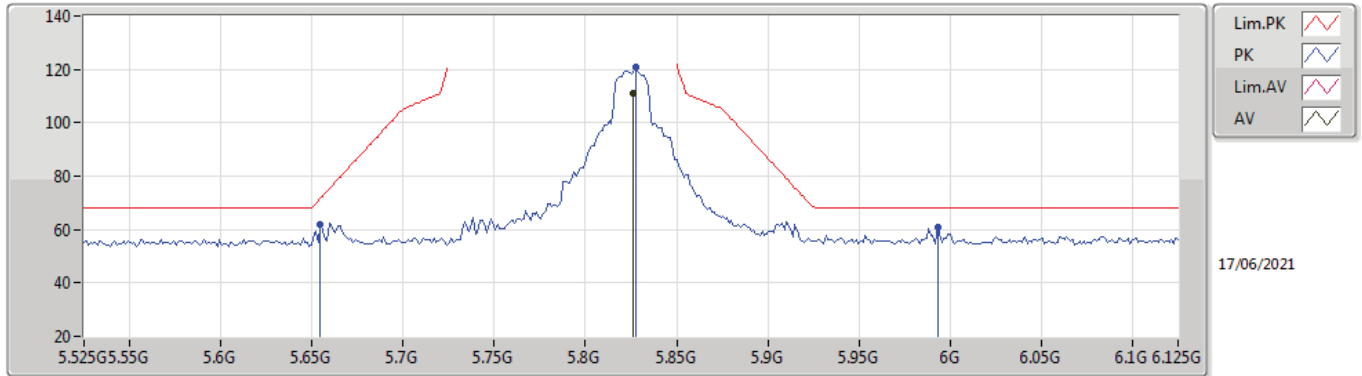
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57108G	45.81	54.00	-8.19	18.98	3	Horizontal	297	1.43	-	26.83	39.83	9.51	30.36
PK	11.5622G	57.13	74.00	-16.87	18.98	3	Horizontal	297	1.43	-	38.15	39.84	9.50	30.36
PK	17.35506G	61.56	68.20	-6.64	21.89	3	Horizontal	360	1.70	-	39.67	40.34	12.25	30.70

802.11ac VHT20_Nss1,(MCS0)_2TX

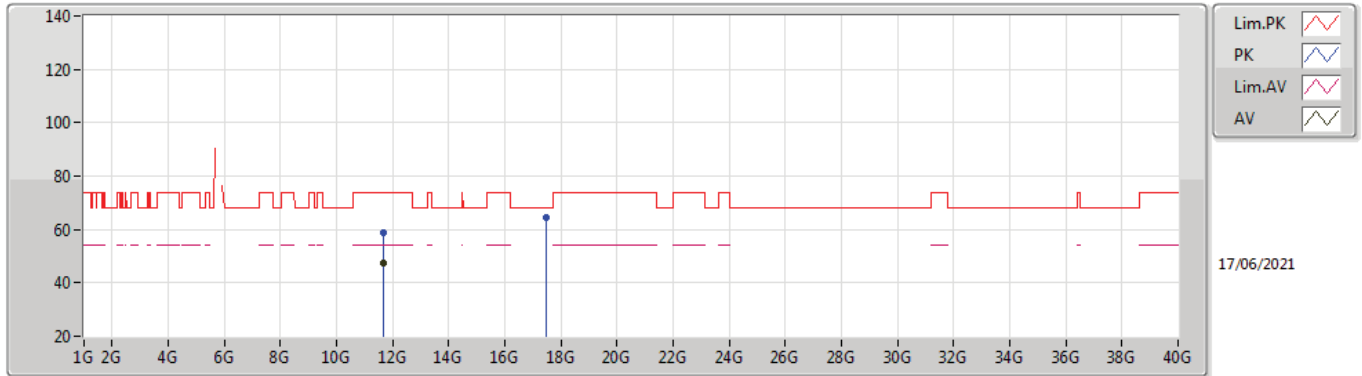
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	111.28	Inf	-Inf	9.70	3	Vertical	134	1.50	-	101.58	32.00	7.01	29.31
PK	5.6546G	61.84	71.60	-9.76	9.30	3	Vertical	134	1.50	-	52.54	31.62	6.93	29.25
PK	5.8274G	120.75	Inf	-Inf	9.71	3	Vertical	134	1.50	-	111.04	32.01	7.01	29.31
PK	5.993G	60.79	68.20	-7.41	10.04	3	Vertical	134	1.50	-	50.75	32.31	7.10	29.37

802.11ac VHT20_Nss1,(MCS0)_2TX

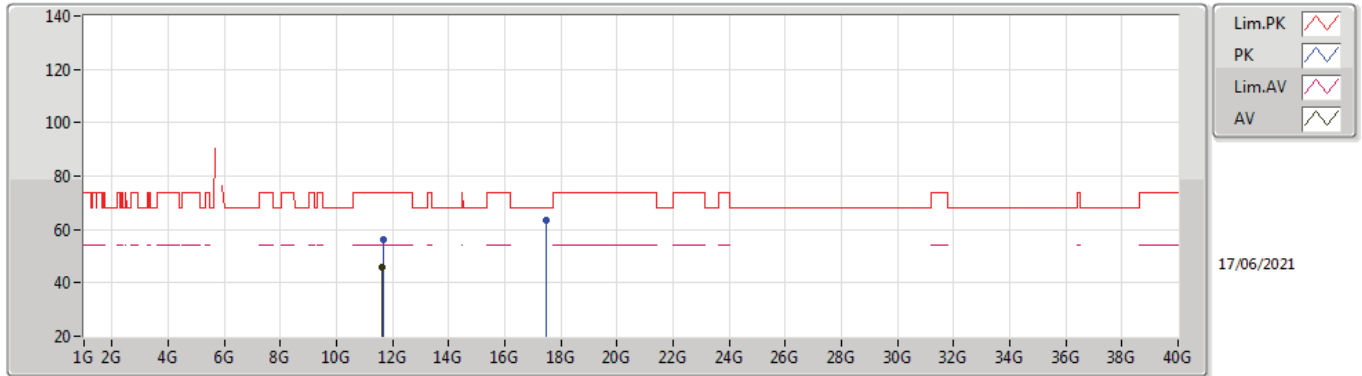
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64778G	47.47	54.00	-6.53	18.77	3	Vertical	150	2.93	-	28.70	39.56	9.54	30.33
PK	11.65438G	58.90	74.00	-15.10	18.74	3	Vertical	150	2.93	-	40.16	39.53	9.54	30.33
PK	17.47626G	64.56	68.20	-3.64	22.65	3	Vertical	219	2.19	-	41.91	41.01	12.31	30.67

802.11ac VHT20_Nss1,(MCS0)_2TX

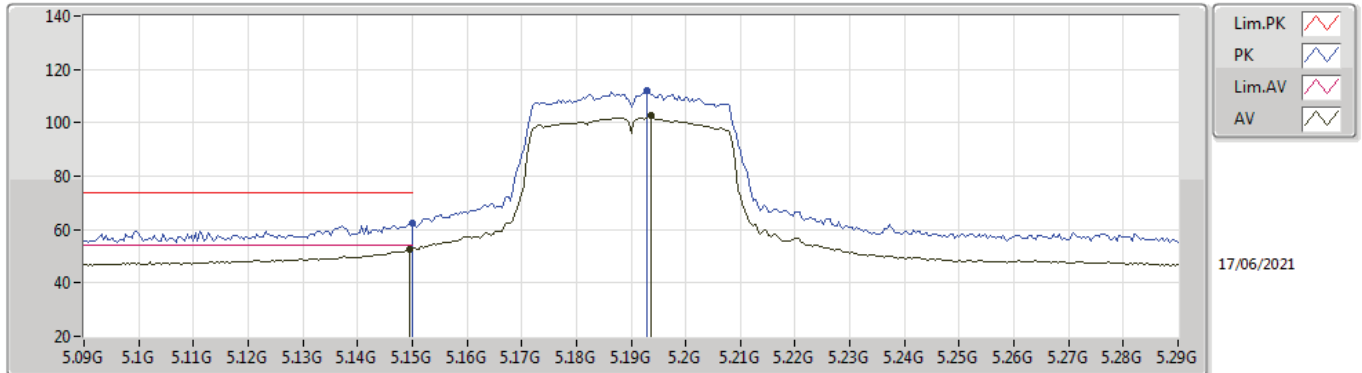
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64004G	45.86	54.00	-8.14	18.81	3	Horizontal	342	1.50	-	27.05	39.60	9.54	30.33
PK	11.6476G	56.46	74.00	-17.54	18.77	3	Horizontal	342	1.50	-	37.69	39.56	9.54	30.33
PK	17.47176G	63.60	68.20	-4.60	22.63	3	Horizontal	155	2.89	-	40.97	40.99	12.31	30.67

802.11ac VHT40_Nss1,(MCS0)_2TX

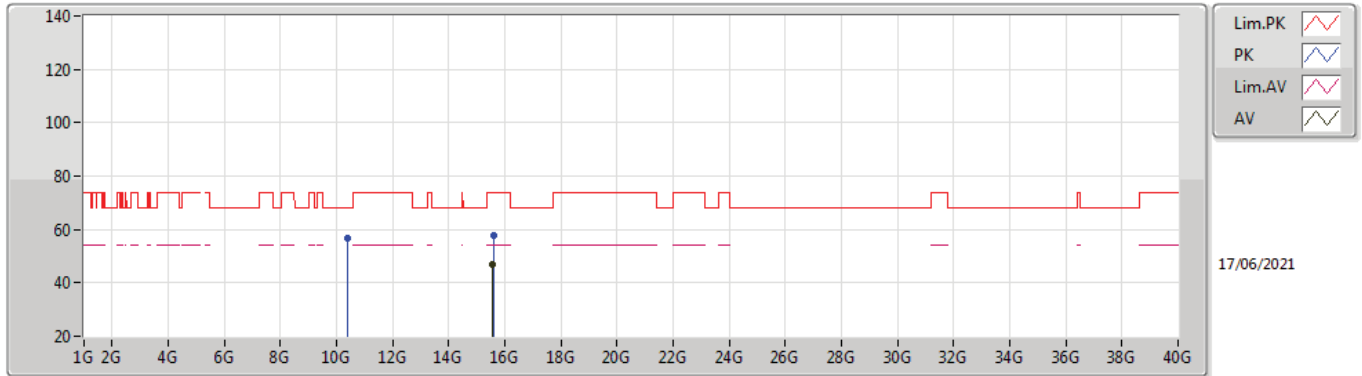
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.41	54.00	-1.59	9.59	3	Vertical	319	1.93	-	42.82	32.00	6.77	29.18
AV	5.1936G	102.64	Inf	-Inf	9.53	3	Vertical	319	1.93	-	93.11	31.91	6.80	29.18
PK	5.15G	62.45	74.00	-11.55	9.60	3	Vertical	319	1.93	-	52.85	32.00	6.78	29.18
PK	5.1928G	112.18	Inf	-Inf	9.53	3	Vertical	319	1.93	-	102.65	31.91	6.80	29.18

802.11ac VHT40_Nss1,(MCS0)_2TX

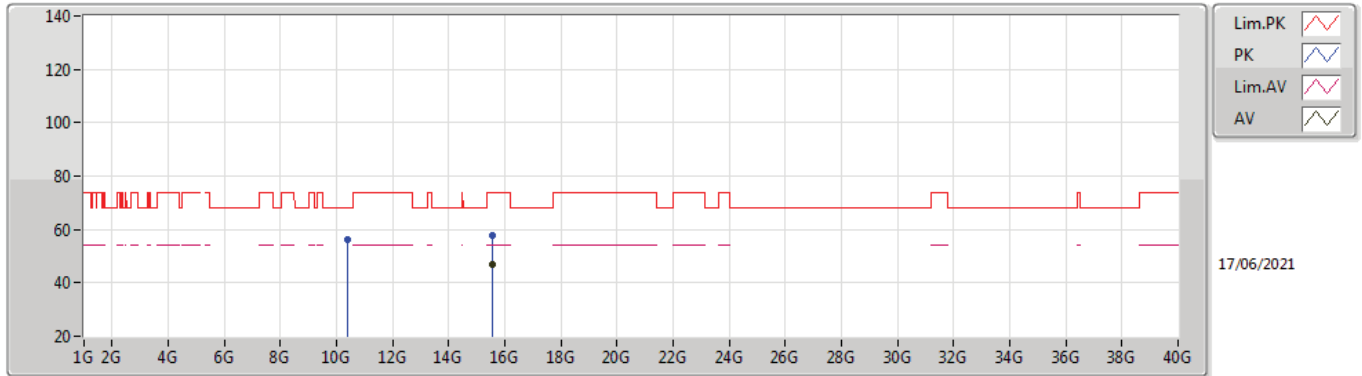
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.55224G	46.78	54.00	-7.22	18.25	3	Vertical	204	1.50	-	28.53	37.99	11.30	31.04
PK	10.38648G	56.72	68.20	-11.48	18.16	3	Vertical	114	1.50	-	38.56	39.55	8.97	30.36
PK	15.58768G	57.55	74.00	-16.45	18.04	3	Vertical	204	1.50	-	39.51	37.77	11.31	31.04

802.11ac VHT40_Nss1,(MCS0)_2TX

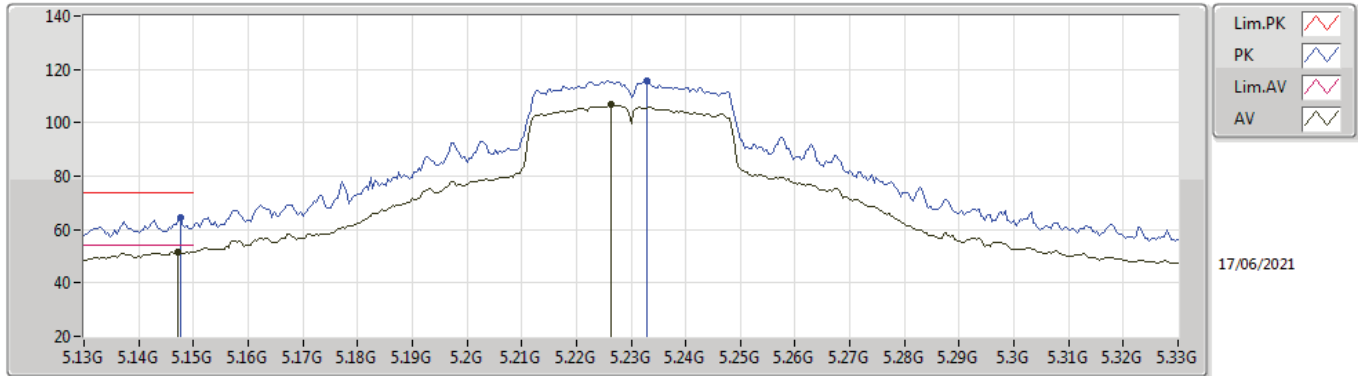
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.55584G	46.87	54.00	-7.13	18.22	3	Horizontal	155	1.50	-	28.65	37.96	11.30	31.04
PK	10.392G	56.43	68.20	-11.77	18.19	3	Horizontal	148	2.68	-	38.24	39.57	8.98	30.36
PK	15.55032G	57.74	74.00	-16.26	18.26	3	Horizontal	155	1.50	-	39.48	38.00	11.30	31.04

802.11ac VHT40_Nss1,(MCS0)_2TX

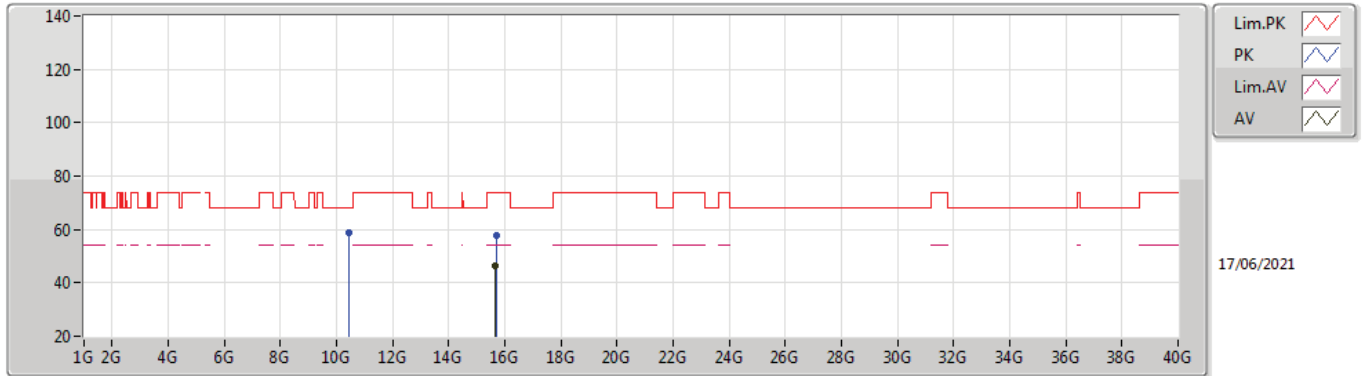
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	51.78	54.00	-2.22	9.59	3	Vertical	13	1.68	-	42.19	32.00	6.77	29.18
AV	5.2264G	106.91	Inf	-Inf	9.31	3	Vertical	13	1.68	-	97.60	31.69	6.80	29.18
PK	5.1476G	64.49	74.00	-9.51	9.59	3	Vertical	13	1.68	-	54.90	32.00	6.77	29.18
PK	5.2328G	115.76	Inf	-Inf	9.26	3	Vertical	13	1.68	-	106.50	31.64	6.80	29.18

802.11ac VHT40_Nss1,(MCS0)_2TX

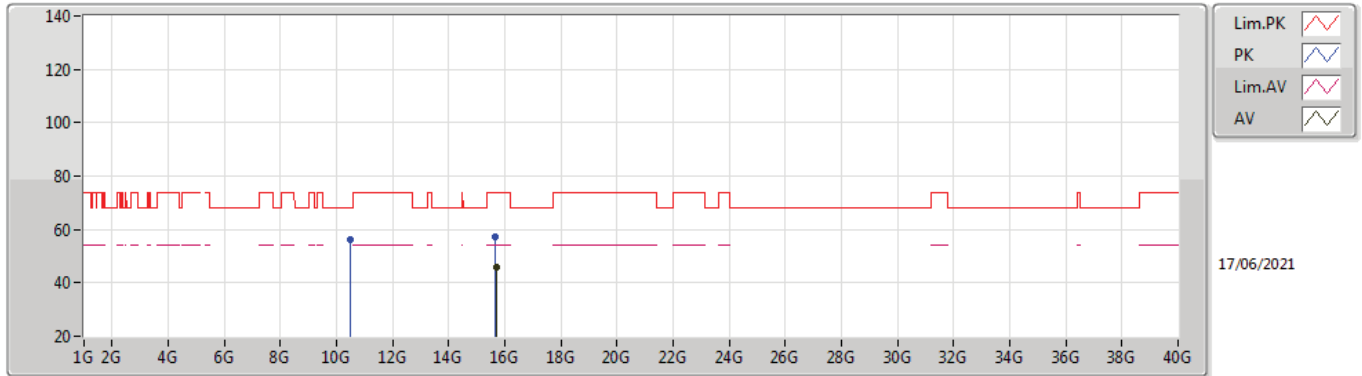
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.67688G	46.24	54.00	-7.76	17.77	3	Vertical	202	2.35	-	28.47	37.47	11.35	31.05
PK	10.4568G	58.70	68.20	-9.50	18.29	3	Vertical	63	1.02	-	40.41	39.66	9.01	30.38
PK	15.69576G	57.67	74.00	-16.33	17.72	3	Vertical	202	2.35	-	39.95	37.41	11.36	31.05

802.11ac VHT40_Nss1,(MCS0)_2TX

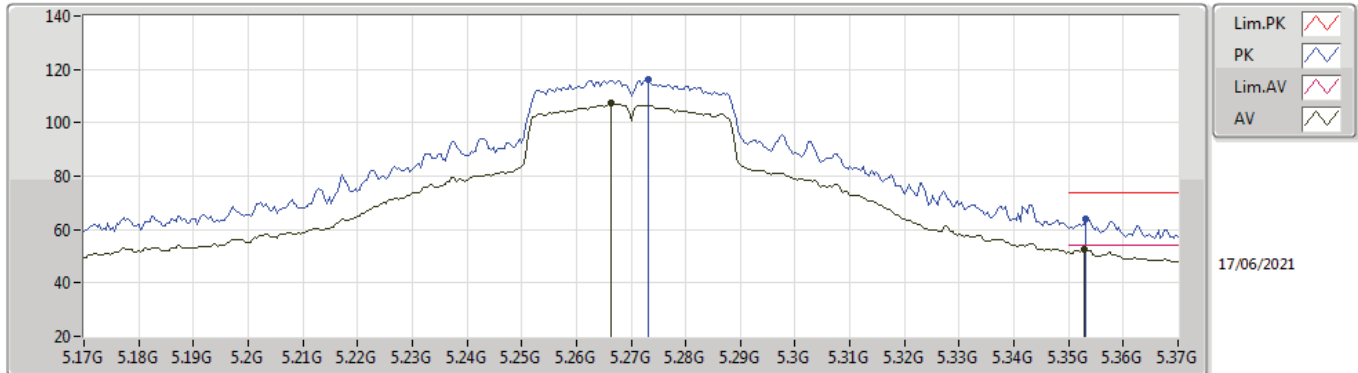
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.69688G	46.02	54.00	-7.98	17.72	3	Horizontal	344	1.50	-	28.30	37.41	11.36	31.05
PK	10.47024G	56.44	68.20	-11.76	18.30	3	Horizontal	360	2.39	-	38.14	39.67	9.01	30.38
PK	15.67344G	57.08	74.00	-16.92	17.78	3	Horizontal	344	1.50	-	39.30	37.48	11.35	31.05

802.11ac VHT40_Nss1,(MCS0)_2TX

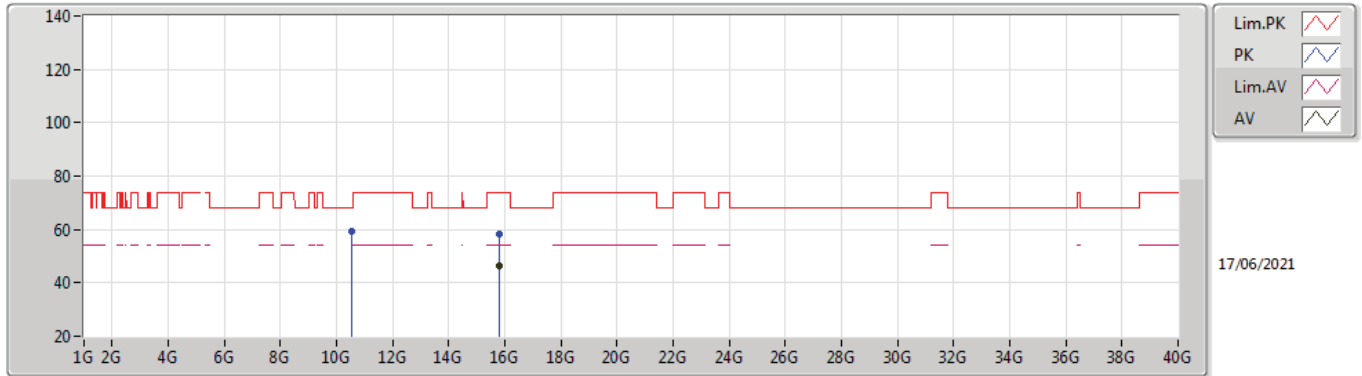
5270MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.2664G	107.41	Inf	-Inf	9.01	3	Vertical	12	1.50	-	98.40	31.40	6.80	29.19
AV	5.3528G	52.34	54.00	-1.66	8.73	3	Vertical	12	1.50	-	43.61	31.12	6.80	29.19
PK	5.2732G	116.07	Inf	-Inf	8.97	3	Vertical	12	1.50	-	107.10	31.36	6.80	29.19
PK	5.3532G	63.95	74.00	-10.05	8.74	3	Vertical	12	1.50	-	55.21	31.13	6.80	29.19

802.11ac VHT40_Nss1,(MCS0)_2TX

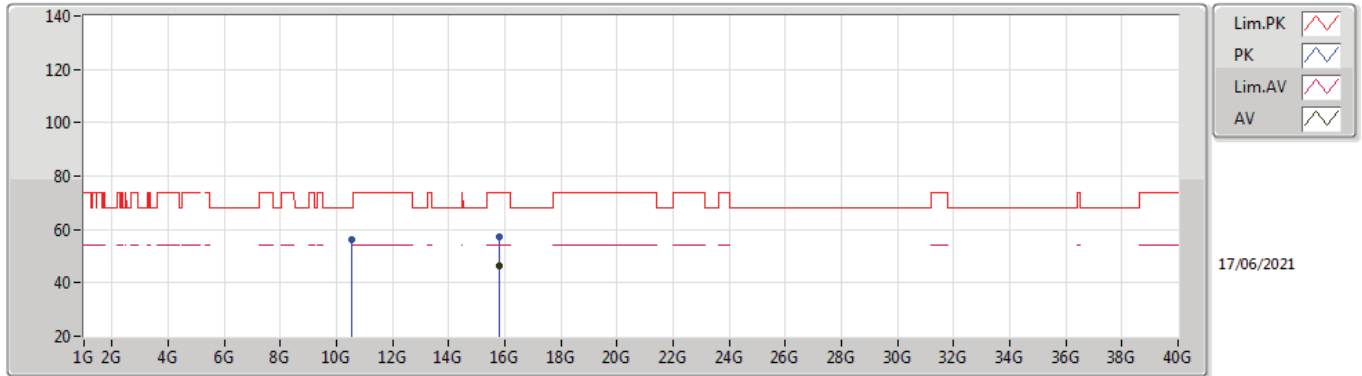
5270MHz_TX



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	15.80384G	46.42	54.00	-7.58	17.64	3	Vertical	211	1.15	-	28.78	37.29	11.41	31.06
PK	10.5388G	59.46	68.20	-8.74	18.31	3	Vertical	196	1.03	-	41.15	39.66	9.04	30.39
PK	15.8112G	58.26	74.00	-15.74	17.63	3	Vertical	211	1.15	-	40.63	37.27	11.42	31.06

802.11ac VHT40_Nss1,(MCS0)_2TX

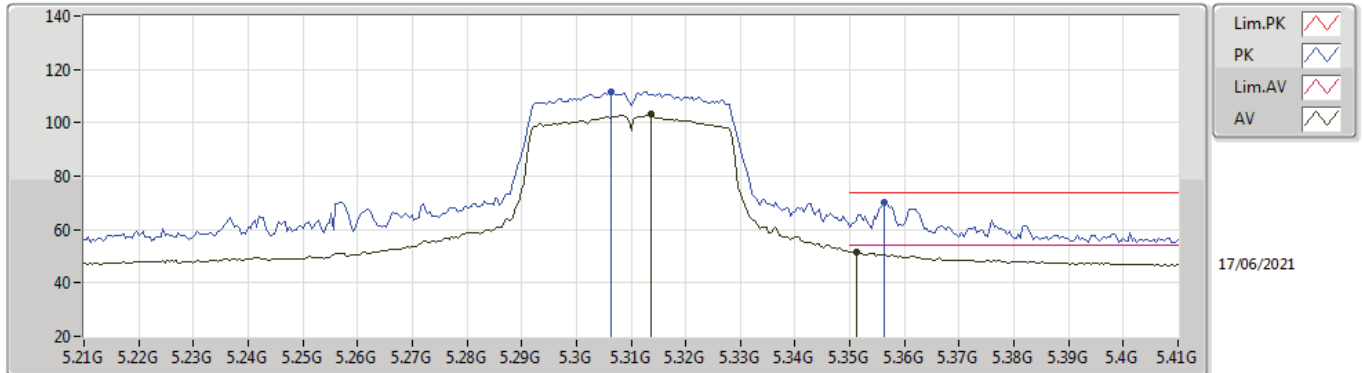
5270MHz_TX



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	15.80688G	46.17	54.00	-7.83	17.63	3	Horizontal	360	2.20	-	28.54	37.28	11.41	31.06
PK	10.55992G	56.20	68.20	-12.00	18.29	3	Horizontal	360	2.84	-	37.91	39.64	9.05	30.40
PK	15.81696G	57.18	74.00	-16.82	17.61	3	Horizontal	360	2.20	-	39.57	37.25	11.42	31.06

802.11ac VHT40_Nss1,(MCS0)_2TX

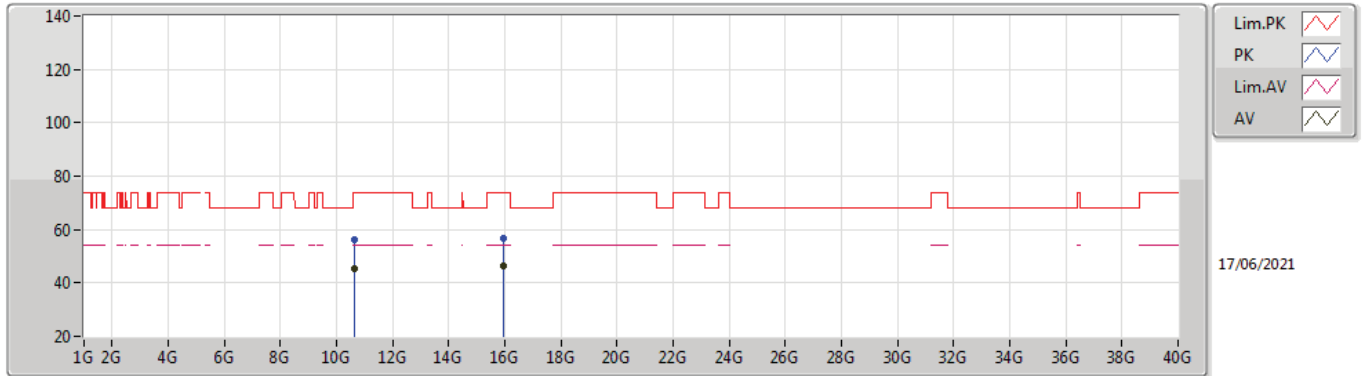
5310MHz_TX



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	5.3136G	103.30	Inf	-Inf	8.78	3	Vertical	316	1.96	-	94.52	31.17	6.80	29.19
AV	5.3512G	51.80	54.00	-2.20	8.72	3	Vertical	316	1.96	-	43.08	31.11	6.80	29.19
PK	5.3064G	111.70	Inf	-Inf	8.80	3	Vertical	316	1.96	-	102.90	31.19	6.80	29.19
PK	5.3564G	70.01	74.00	-3.99	8.76	3	Vertical	316	1.96	-	61.25	31.15	6.80	29.19

802.11ac VHT40_Nss1,(MCS0)_2TX

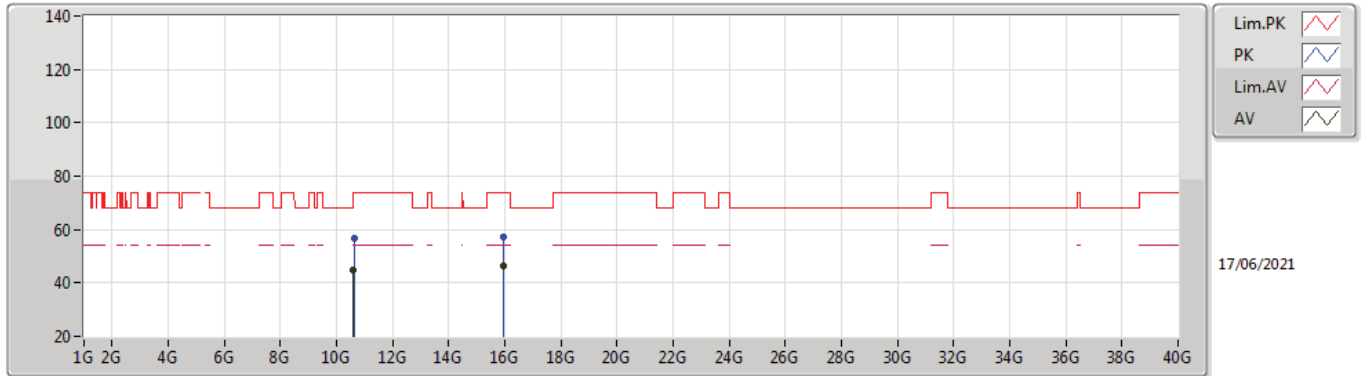
5310MHz_TX



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	10.61872G	45.50	54.00	-8.50	18.32	3	Vertical	149	3.00	-	27.18	39.64	9.08	30.40
AV	15.9492G	46.13	54.00	-7.87	17.41	3	Vertical	0	1.93	-	28.72	37.00	11.48	31.07
PK	10.62464G	56.38	74.00	-17.62	18.33	3	Vertical	149	3.00	-	38.05	39.65	9.08	30.40
PK	15.94944G	56.88	74.00	-17.12	17.41	3	Vertical	0	1.93	-	39.47	37.00	11.48	31.07

802.11ac VHT40_Nss1,(MCS0)_2TX

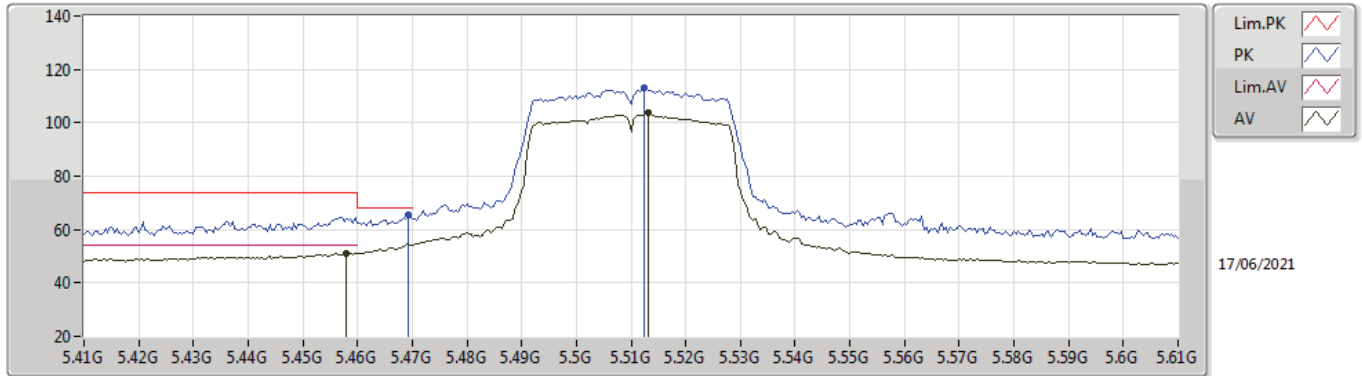
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	10.60296G	44.86	54.00	-9.14	18.28	3	Horizontal	0	1.60	-	26.58	39.61	9.07	30.40
AV	15.9272G	46.21	54.00	-7.79	17.40	3	Horizontal	203	1.50	-	28.81	37.00	11.47	31.07
PK	10.62496G	56.58	74.00	-17.42	18.33	3	Horizontal	0	1.60	-	38.25	39.65	9.08	30.40
PK	15.92968G	57.21	74.00	-16.79	17.40	3	Horizontal	203	1.50	-	39.81	37.00	11.47	31.07

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.458G	51.11	54.00	-2.89	9.26	3	Vertical	134	1.83	-	41.85	31.63	6.83	29.20
AV	5.5132G	103.66	Inf	-Inf	9.43	3	Vertical	134	1.83	-	94.23	31.77	6.86	29.20
PK	5.4692G	65.53	68.20	-2.67	9.31	3	Vertical	134	1.83	-	56.22	31.68	6.83	29.20
PK	5.5124G	113.19	Inf	-Inf	9.44	3	Vertical	134	1.83	-	103.75	31.78	6.86	29.20

802.11ac VHT40_Nss1,(MCS0)_2TX

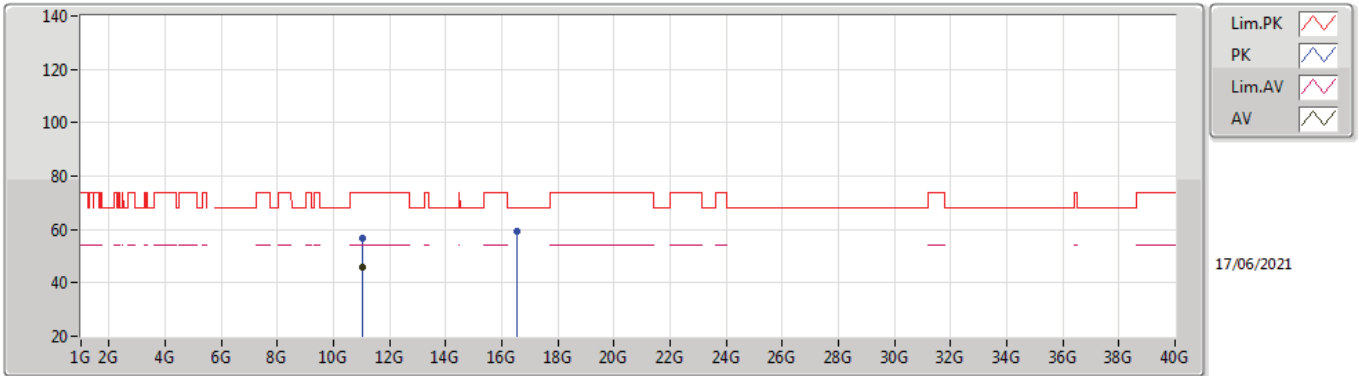
5510MHz_TX



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	11.02864G	46.22	54.00	-7.78	19.00	3	Vertical	178	1.50	-	27.22	40.19	9.26	30.45
PK	11.0272G	57.30	74.00	-16.70	19.00	3	Vertical	178	1.50	-	38.30	40.19	9.26	30.45
PK	16.51176G	60.10	68.20	-8.10	19.51	3	Vertical	278	2.59	-	40.59	38.79	11.78	31.06

802.11ac VHT40_Nss1,(MCS0)_2TX

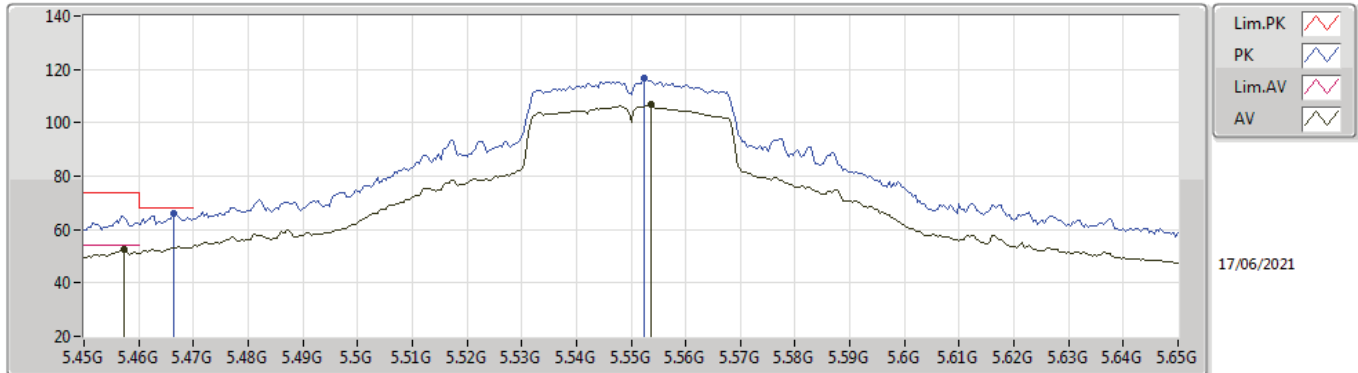
5510MHz_TX



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	11.01464G	46.03	54.00	-7.97	19.05	3	Horizontal	296	2.99	-	26.98	40.24	9.26	30.45
PK	11.0156G	56.74	74.00	-17.26	19.05	3	Horizontal	296	2.99	-	37.69	40.24	9.26	30.45
PK	16.53344G	59.41	68.20	-8.79	19.51	3	Horizontal	80	2.16	-	39.90	38.77	11.79	31.05

802.11ac VHT40_Nss1,(MCS0)_2TX

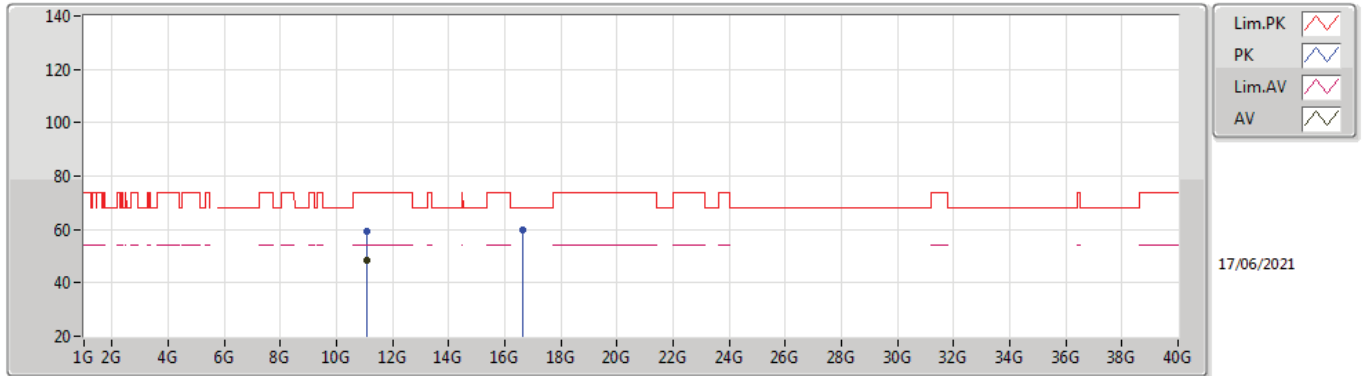
5550MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	52.33	54.00	-1.67	9.26	3	Vertical	134	1.84	-	43.07	31.63	6.83	29.20
AV	5.5536G	106.83	Inf	-Inf	9.36	3	Vertical	134	1.84	-	97.47	31.70	6.88	29.22
PK	5.4664G	65.98	68.20	-2.22	9.30	3	Vertical	134	1.84	-	56.68	31.67	6.83	29.20
PK	5.5524G	116.61	Inf	-Inf	9.36	3	Vertical	134	1.84	-	107.25	31.70	6.88	29.22

802.11ac VHT40_Nss1,(MCS0)_2TX

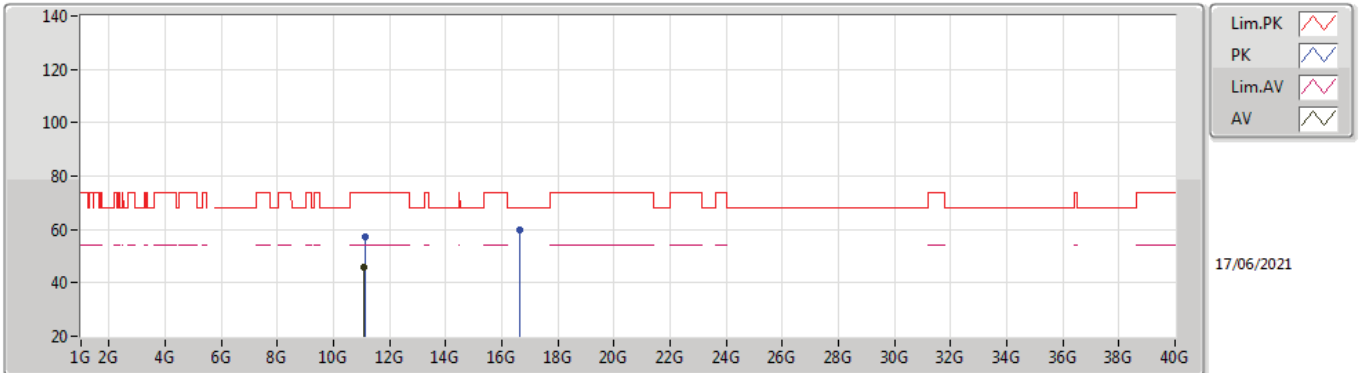
5550MHz_TX



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	11.09848G	48.45	54.00	-5.55	18.76	3	Vertical	159	1.08	-	29.69	39.91	9.29	30.44
PK	11.09864G	59.13	74.00	-14.87	18.76	3	Vertical	159	1.08	-	40.37	39.91	9.29	30.44
PK	16.63656G	59.80	68.20	-8.40	19.81	3	Vertical	0	1.87	-	39.99	38.96	11.85	31.00

802.11ac VHT40_Nss1,(MCS0)_2TX

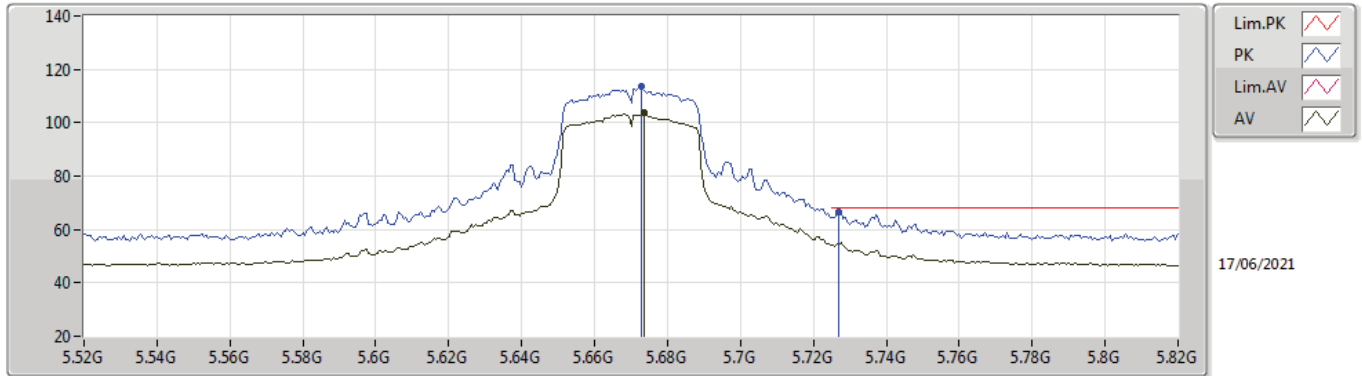
5550MHz_TX



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	11.08648G	45.94	54.00	-8.06	18.80	3	Horizontal	92	1.62	-	27.14	39.95	9.29	30.44
PK	11.11624G	57.31	74.00	-16.69	18.74	3	Horizontal	92	1.62	-	38.57	39.87	9.30	30.43
PK	16.66392G	59.79	68.20	-8.41	20.04	3	Horizontal	156	2.43	-	39.75	39.15	11.87	30.98

802.11ac VHT40_Nss1,(MCS0)_2TX

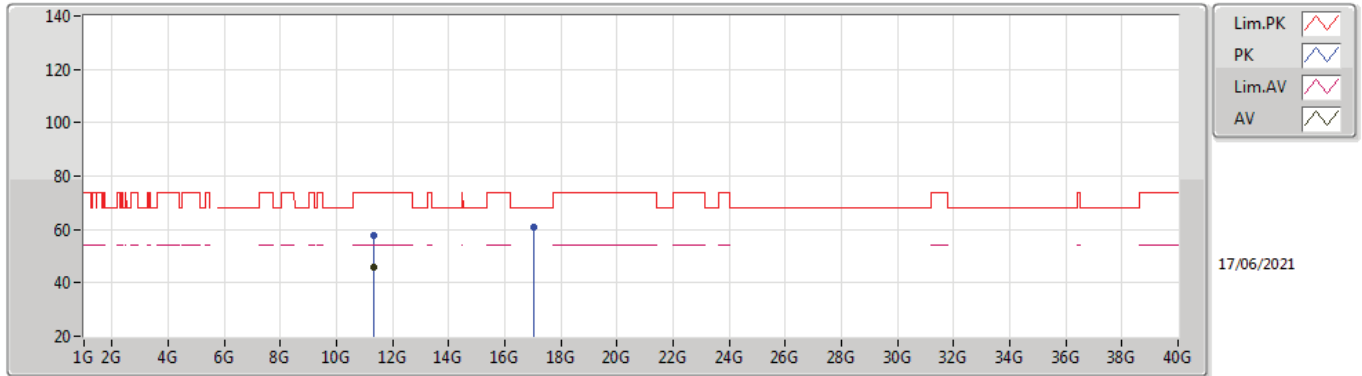
5670MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6736G	103.71	Inf	-Inf	9.37	3	Vertical	134	1.50	-	94.34	31.69	6.94	29.26
PK	5.673G	113.55	Inf	-Inf	9.37	3	Vertical	134	1.50	-	104.18	31.69	6.94	29.26
PK	5.727G	66.43	68.20	-1.77	9.53	3	Vertical	134	1.50	-	56.90	31.85	6.96	29.28

802.11ac VHT40_Nss1,(MCS0)_2TX

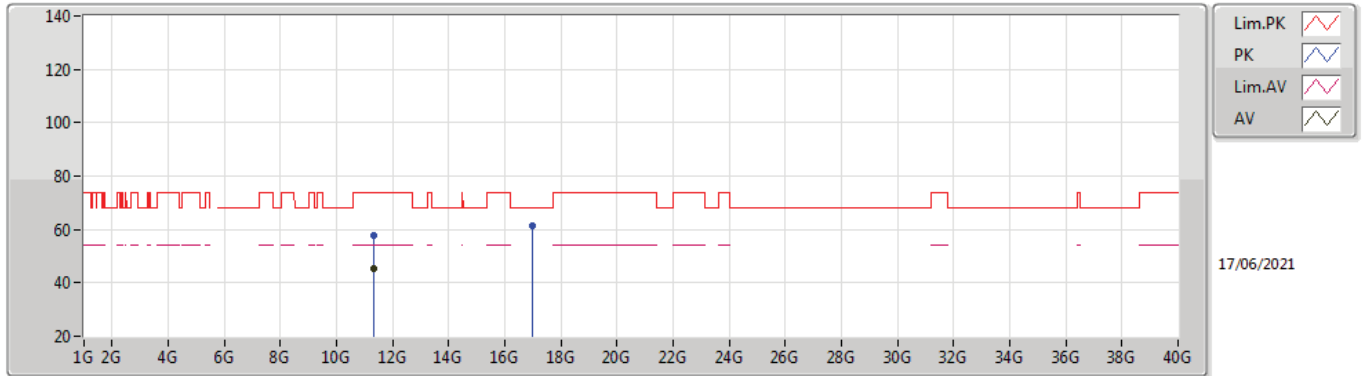
5670MHz_TX



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	11.3476G	46.00	54.00	-8.00	18.91	3	Vertical	296	2.94	-	27.09	39.90	9.41	30.40
PK	11.34656G	57.82	74.00	-16.18	18.90	3	Vertical	296	2.94	-	38.92	39.89	9.41	30.40
PK	17.01192G	61.09	68.20	-7.11	21.34	3	Vertical	360	2.00	-	39.75	40.09	12.06	30.81

802.11ac VHT40_Nss1,(MCS0)_2TX

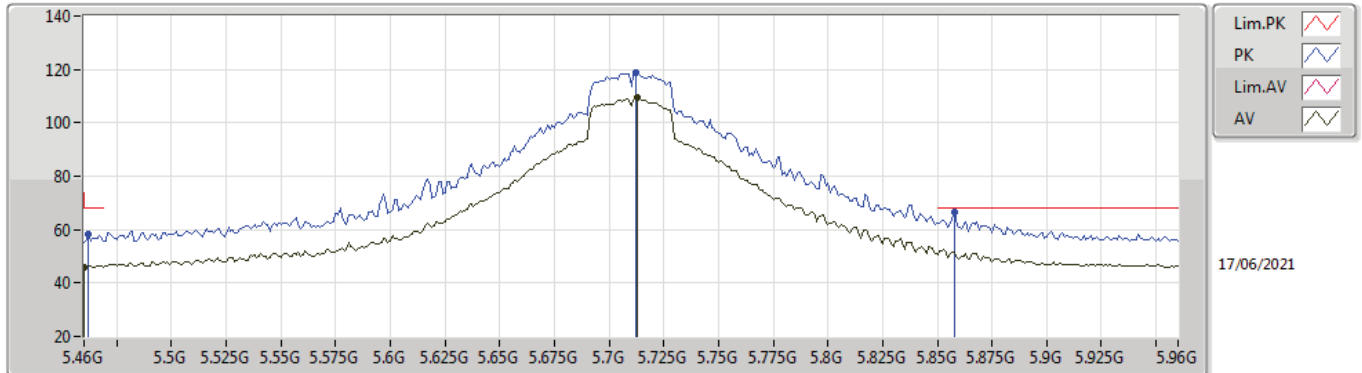
5670MHz_TX



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	11.32552G	45.52	54.00	-8.48	18.85	3	Horizontal	26	1.50	-	26.67	39.85	9.40	30.40
PK	11.33048G	57.86	74.00	-16.14	18.86	3	Horizontal	26	1.50	-	39.00	39.86	9.40	30.40
PK	16.998G	61.24	68.20	-6.96	21.34	3	Horizontal	329	1.50	-	39.90	40.10	12.05	30.81

802.11ac VHT40_Nss1,(MCS0)_2TX

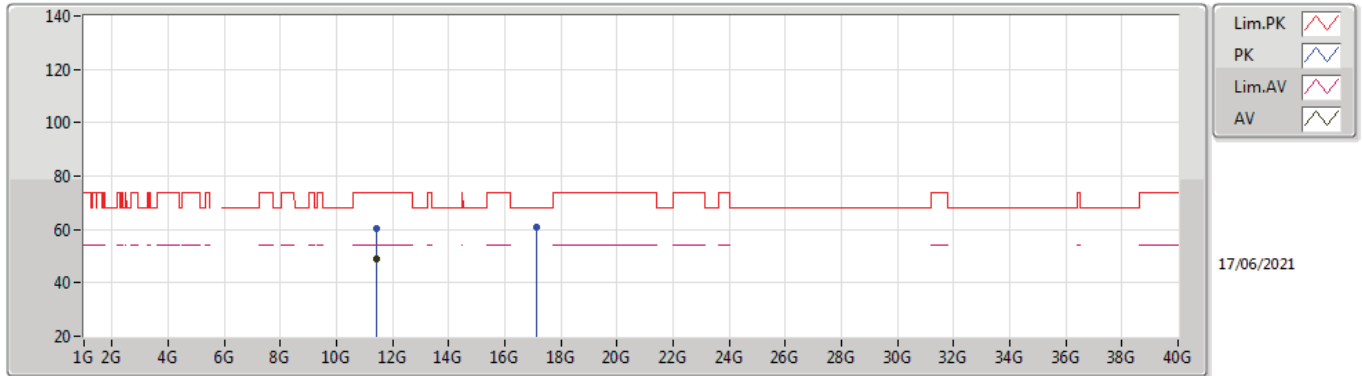
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	45.86	54.00	-8.14	9.27	3	Vertical	134	1.67	-	36.59	31.64	6.83	29.20
AV	5.713G	109.52	Inf	-Inf	9.52	3	Vertical	134	1.67	-	100.00	31.83	6.96	29.27
PK	5.462G	58.07	68.20	-10.13	9.28	3	Vertical	134	1.67	-	48.79	31.65	6.83	29.20
PK	5.712G	119.02	Inf	-Inf	9.51	3	Vertical	134	1.67	-	109.51	31.82	6.96	29.27
PK	5.858G	66.56	68.20	-1.64	9.83	3	Vertical	134	1.67	-	56.73	32.12	7.03	29.32

802.11ac VHT40_Nss1,(MCS0)_2TX

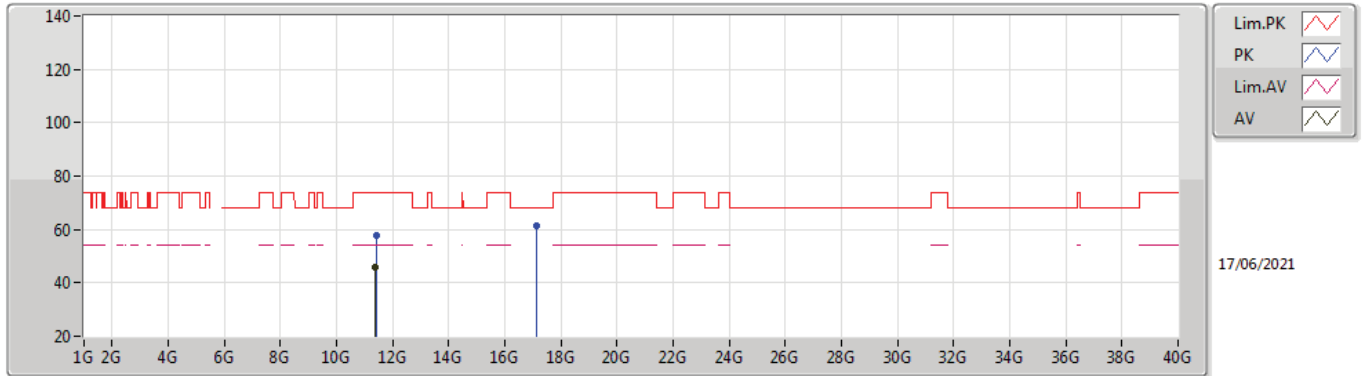
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.41848G	48.99	54.00	-5.01	19.03	3	Vertical	136	2.77	-	29.96	39.98	9.44	30.39
PK	11.41648G	60.41	74.00	-13.59	19.03	3	Vertical	136	2.77	-	41.38	39.98	9.44	30.39
PK	17.13232G	61.06	68.20	-7.14	21.32	3	Vertical	356	2.91	-	39.74	39.97	12.12	30.77

802.11ac VHT40_Nss1,(MCS0)_2TX

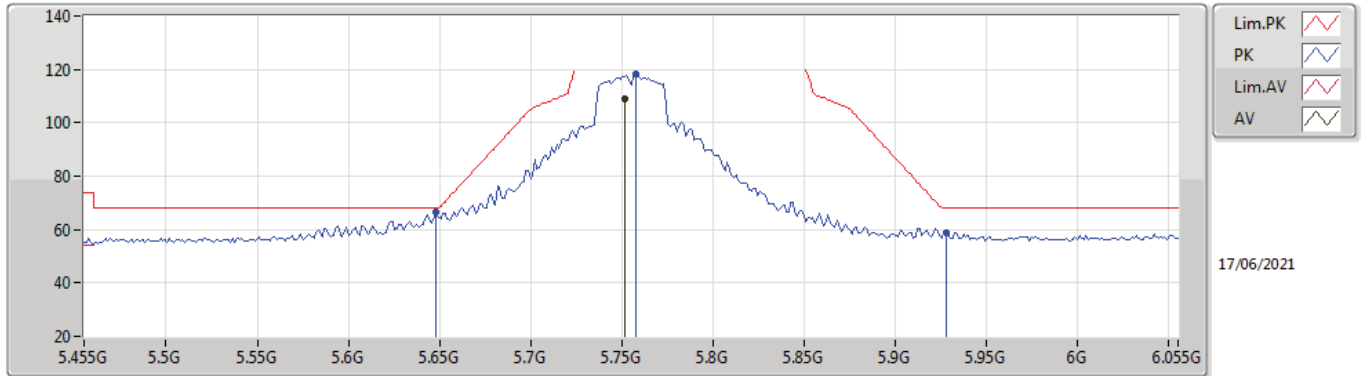
5710MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40152G	45.82	54.00	-8.18	19.04	3	Horizontal	33	1.50	-	26.78	40.00	9.43	30.39
PK	11.40544G	57.85	74.00	-16.15	19.03	3	Horizontal	33	1.50	-	38.82	39.99	9.43	30.39
PK	17.12512G	61.40	68.20	-6.80	21.32	3	Horizontal	238	1.49	-	40.08	39.97	12.12	30.77

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7514G	109.16	Inf	-Inf	9.59	3	Vertical	221	1.84	-	99.57	31.90	6.98	29.29
PK	5.6482G	66.47	68.20	-1.73	9.27	3	Vertical	221	1.84	-	57.20	31.60	6.92	29.25
PK	5.7574G	118.21	Inf	-Inf	9.59	3	Vertical	221	1.84	-	108.62	31.90	6.98	29.29
PK	5.9278G	59.03	68.20	-9.17	10.02	3	Vertical	221	1.84	-	49.01	32.31	7.06	29.35

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5087G	47.10	54.00	-6.90	18.99	3	Vertical	150	2.77	-	28.11	39.89	9.48	30.38
PK	11.5089G	58.91	74.00	-15.09	18.99	3	Vertical	150	2.77	-	39.92	39.89	9.48	30.38
PK	17.2674G	61.18	68.20	-7.02	21.37	3	Vertical	158	1.50	-	39.81	39.90	12.20	30.73

802.11ac VHT40_Nss1,(MCS0)_2TX

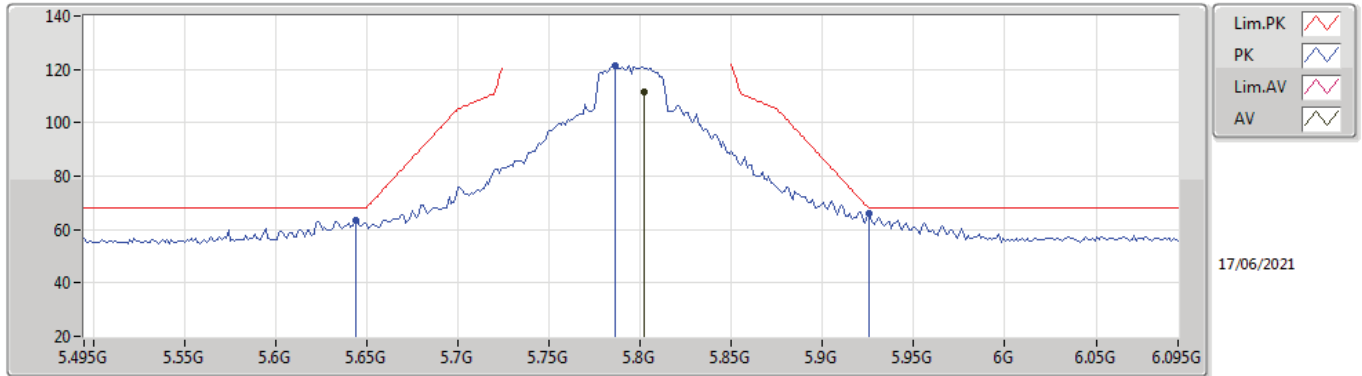
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5035G	45.65	54.00	-8.35	19.00	3	Horizontal	242	3.00	-	26.65	39.90	9.48	30.38
PK	11.5269G	57.26	74.00	-16.74	18.99	3	Horizontal	242	3.00	-	38.27	39.87	9.49	30.37
PK	17.2558G	61.54	68.20	-6.66	21.36	3	Horizontal	90	2.38	-	40.18	39.90	12.19	30.73

802.11ac VHT40_Nss1,(MCS0)_2TX

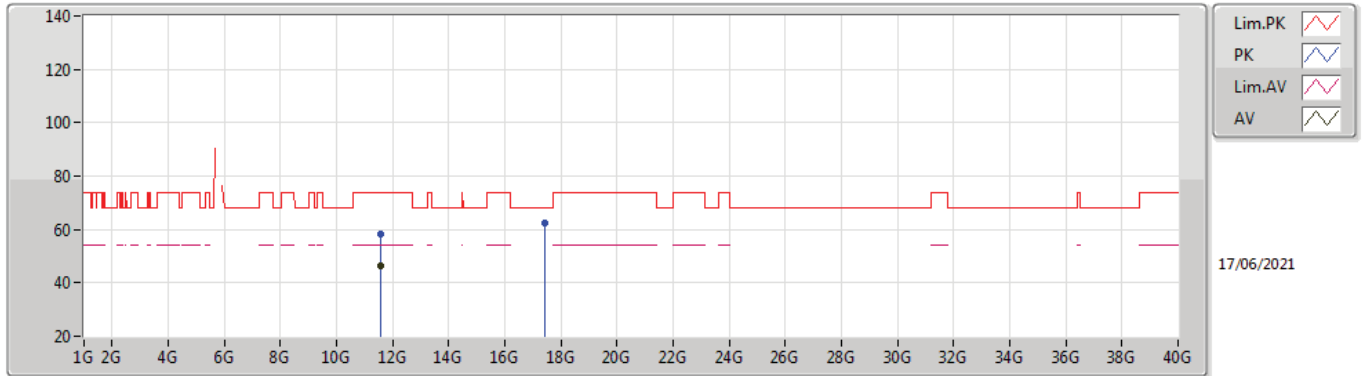
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8022G	111.67	Inf	-Inf	9.61	3	Vertical	247	1.83	-	102.06	31.91	7.00	29.30
PK	5.6438G	63.46	68.20	-4.74	9.28	3	Vertical	247	1.83	-	54.18	31.61	6.92	29.25
PK	5.7866G	121.58	Inf	-Inf	9.59	3	Vertical	247	1.83	-	111.99	31.90	6.99	29.30
PK	5.9258G	66.05	68.20	-2.15	10.02	3	Vertical	247	1.83	-	56.03	32.30	7.06	29.34

802.11ac VHT40_Nss1,(MCS0)_2TX

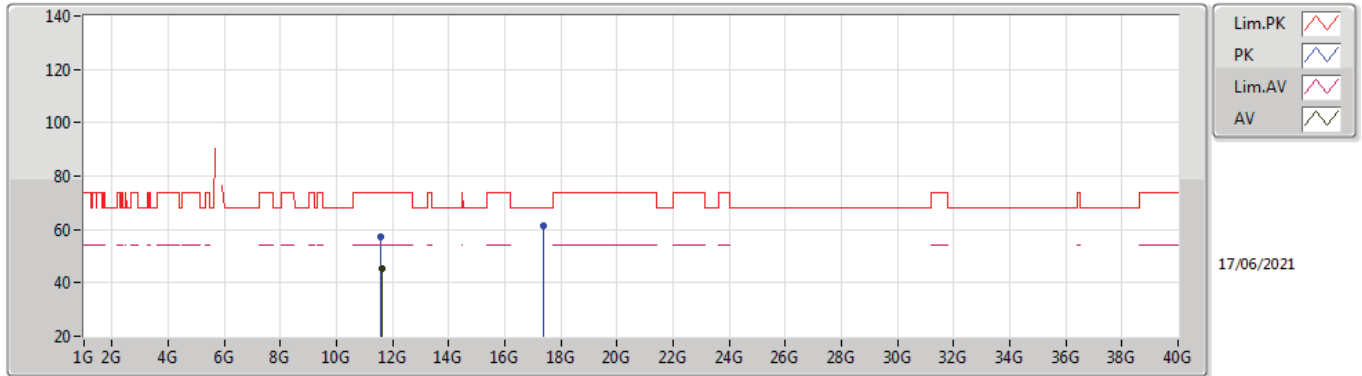
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5983G	46.24	54.00	-7.76	18.97	3	Vertical	199	1.02	-	27.27	39.80	9.52	30.35
PK	11.5962G	58.22	74.00	-15.78	18.97	3	Vertical	199	1.02	-	39.25	39.80	9.52	30.35
PK	17.4017G	62.53	68.20	-5.67	22.29	3	Vertical	222	2.86	-	40.24	40.71	12.27	30.69

802.11ac VHT40_Nss1,(MCS0)_2TX

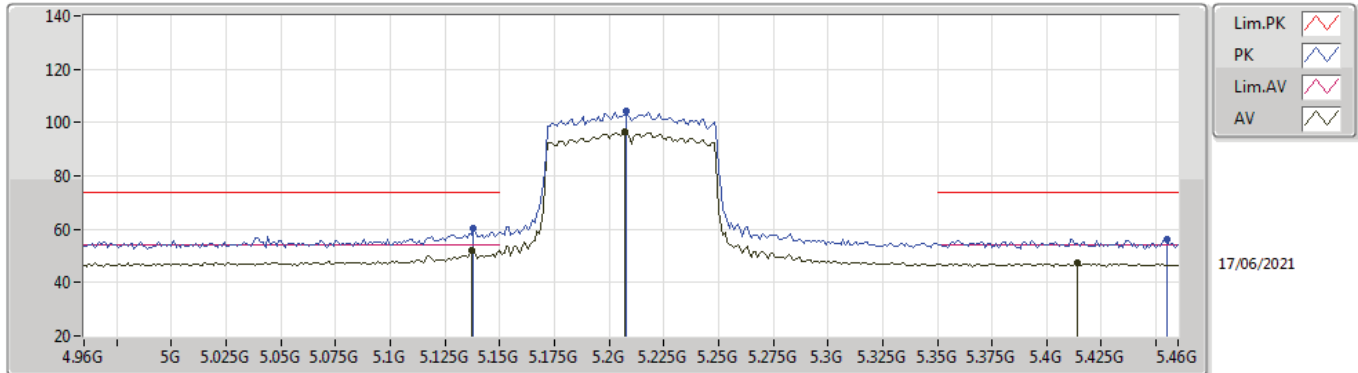
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6139G	45.59	54.00	-8.41	18.92	3	Horizontal	313	2.01	-	26.67	39.73	9.53	30.34
PK	11.579G	57.15	74.00	-16.85	18.98	3	Horizontal	313	2.01	-	38.17	39.82	9.51	30.35
PK	17.3792G	61.53	68.20	-6.67	22.09	3	Horizontal	26	2.14	-	39.44	40.53	12.26	30.70

802.11ac VHT80_Nss1,(MCS0)_2TX

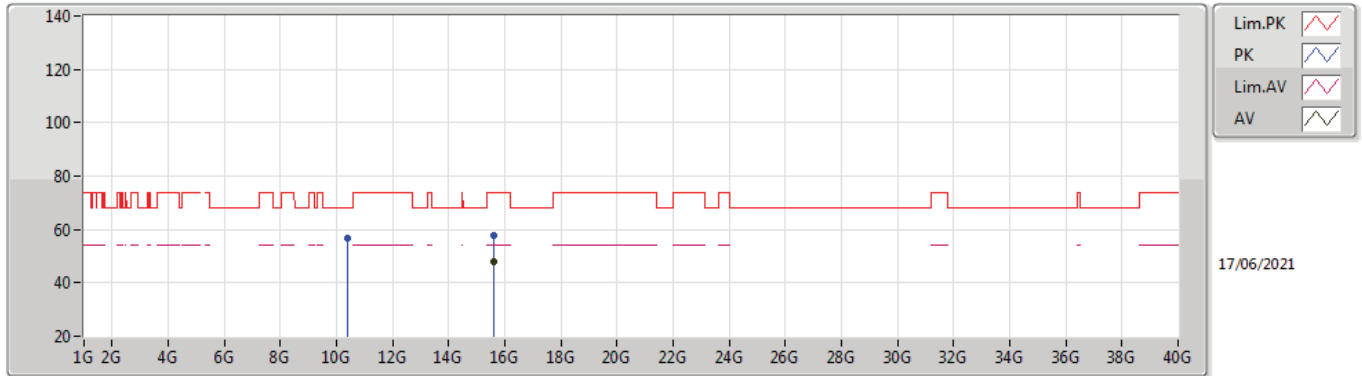
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.137G	51.94	54.00	-2.06	9.59	3	Vertical	322	1.50	-	42.35	32.00	6.77	29.18
AV	5.207G	96.43	Inf	-Inf	9.46	3	Vertical	322	1.50	-	86.97	31.84	6.80	29.18
AV	5.414G	47.16	54.00	-6.84	9.15	3	Vertical	322	1.50	-	38.01	31.53	6.81	29.19
PK	5.138G	60.51	74.00	-13.49	9.59	3	Vertical	322	1.50	-	50.92	32.00	6.77	29.18
PK	5.208G	104.35	Inf	-Inf	9.46	3	Vertical	322	1.50	-	94.89	31.84	6.80	29.18
PK	5.455G	56.38	74.00	-17.62	9.25	3	Vertical	322	1.50	-	47.13	31.62	6.83	29.20

802.11ac VHT80_Nss1,(MCS0)_2TX

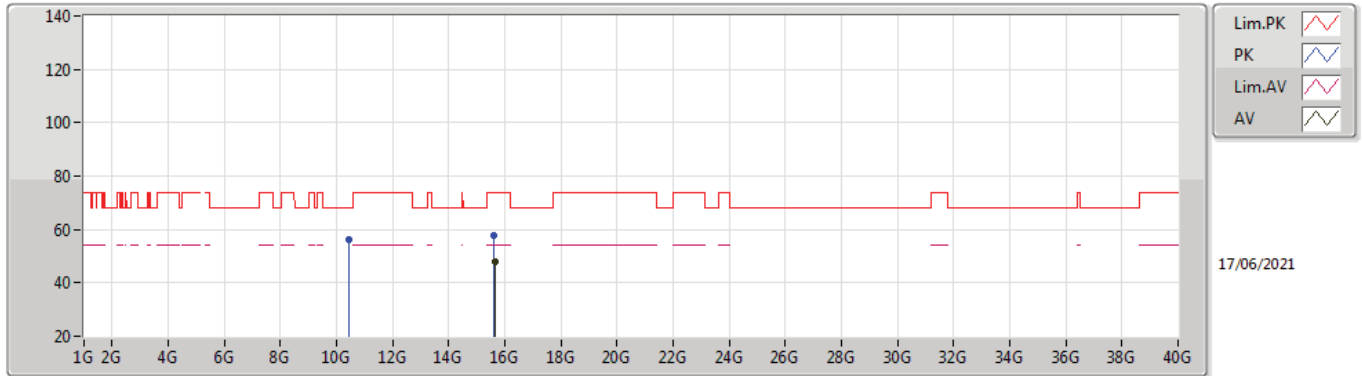
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.61672G	48.06	54.00	-5.94	17.94	3	Vertical	272	1.46	-	30.12	37.65	11.33	31.04
PK	10.4048G	56.61	68.20	-11.59	18.22	3	Vertical	355	1.43	-	38.39	39.60	8.98	30.36
PK	15.61608G	57.93	74.00	-16.07	17.94	3	Vertical	272	1.46	-	39.99	37.65	11.33	31.04

802.11ac VHT80_Nss1,(MCS0)_2TX

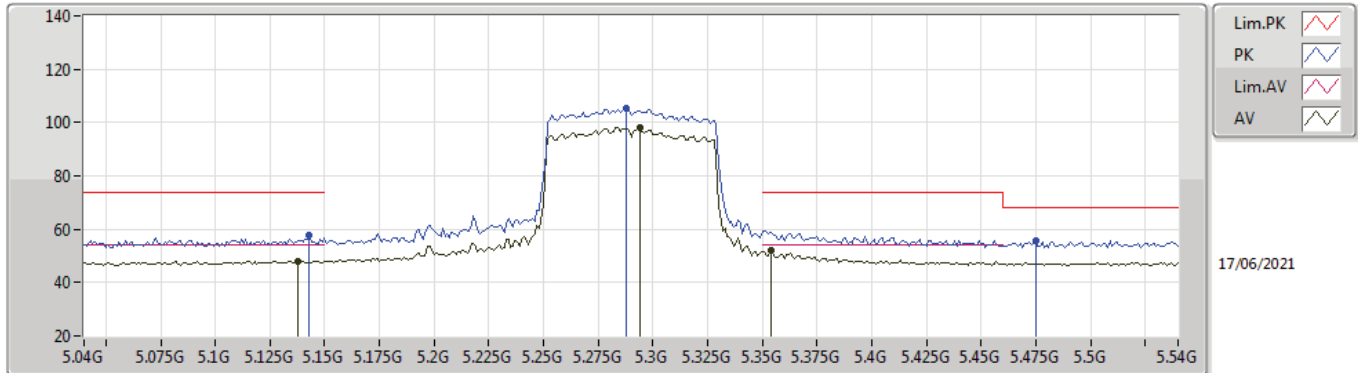
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.63912G	47.84	54.00	-6.16	17.88	3	Horizontal	148	1.01	-	29.96	37.58	11.34	31.04
PK	10.42304G	56.24	68.20	-11.96	18.24	3	Horizontal	118	2.42	-	38.00	39.62	8.99	30.37
PK	15.61352G	57.71	74.00	-16.29	17.95	3	Horizontal	148	1.01	-	39.76	37.66	11.33	31.04

802.11ac VHT80_Nss1,(MCS0)_2TX

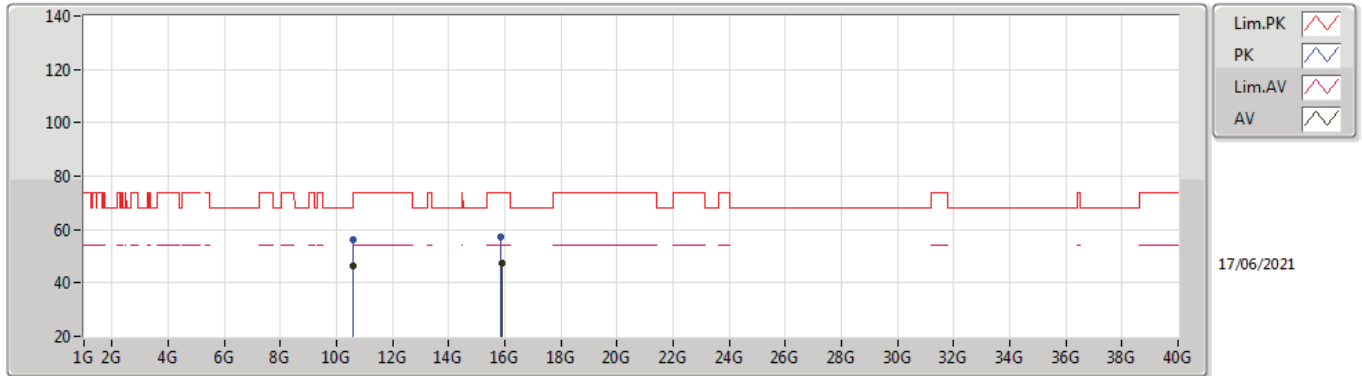
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.138G	48.12	54.00	-5.88	9.59	3	Vertical	17	1.82	-	38.53	32.00	6.77	29.18
AV	5.294G	97.95	Inf	-Inf	8.85	3	Vertical	17	1.82	-	89.10	31.24	6.80	29.19
AV	5.354G	52.30	54.00	-1.70	8.74	3	Vertical	17	1.82	-	43.56	31.13	6.80	29.19
PK	5.143G	57.89	74.00	-16.11	9.59	3	Vertical	17	1.82	-	48.30	32.00	6.77	29.18
PK	5.288G	105.57	Inf	-Inf	8.88	3	Vertical	17	1.82	-	96.69	31.27	6.80	29.19
PK	5.475G	55.68	68.20	-12.52	9.34	3	Vertical	17	1.82	-	46.34	31.70	6.84	29.20

802.11ac VHT80_Nss1,(MCS0)_2TX

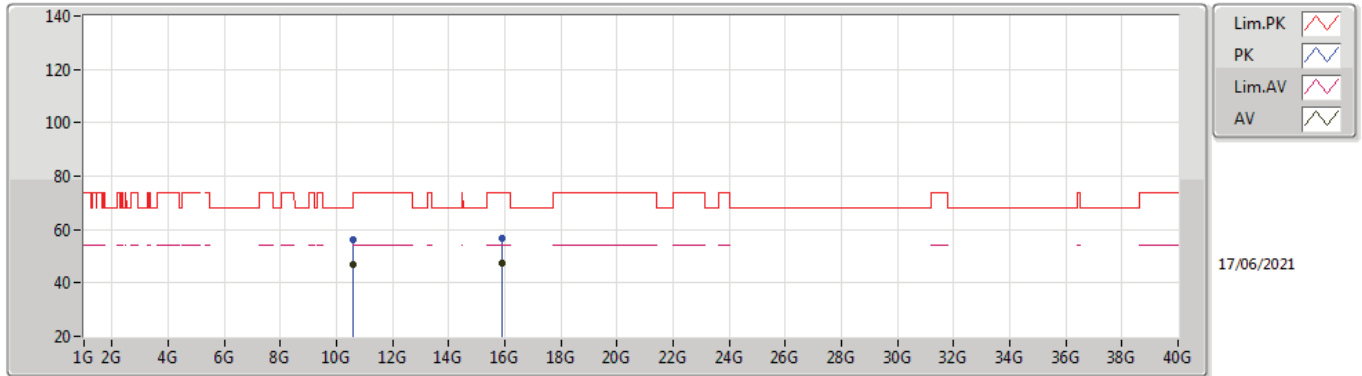
5290MHz_TX



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	10.60752G	46.47	54.00	-7.53	18.29	3	Vertical	194	1.50	-	28.18	39.62	9.07	30.40
AV	15.89672G	47.55	54.00	-6.45	17.39	3	Vertical	260	2.40	-	30.16	37.01	11.45	31.07
PK	10.60184G	56.05	74.00	-17.95	18.27	3	Vertical	194	1.50	-	37.78	39.60	9.07	30.40
PK	15.86616G	57.30	74.00	-16.70	17.47	3	Vertical	260	2.40	-	39.83	37.10	11.44	31.07

802.11ac VHT80_Nss1,(MCS0)_2TX

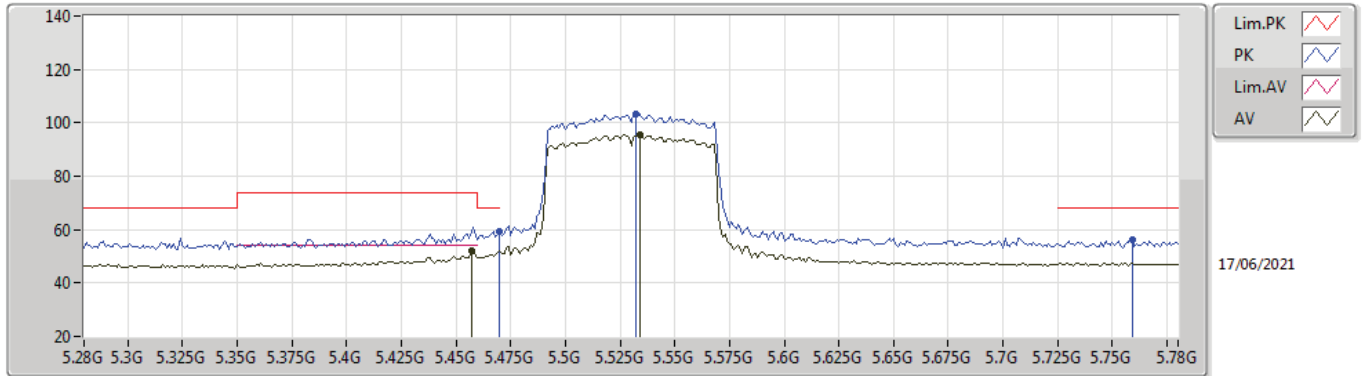
5290MHz_TX



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	10.60118G	47.06	54.00	-6.94	18.27	3	Horizontal	275	1.07	-	28.79	39.60	9.07	30.40
AV	15.88056G	47.57	54.00	-6.43	17.44	3	Horizontal	235	2.23	-	30.13	37.06	11.45	31.07
PK	10.60848G	56.44	74.00	-17.56	18.29	3	Horizontal	275	1.07	-	38.15	39.62	9.07	30.40
PK	15.8972G	56.52	74.00	-17.48	17.39	3	Horizontal	235	2.23	-	39.13	37.01	11.45	31.07

802.11ac VHT80_Nss1,(MCS0)_2TX

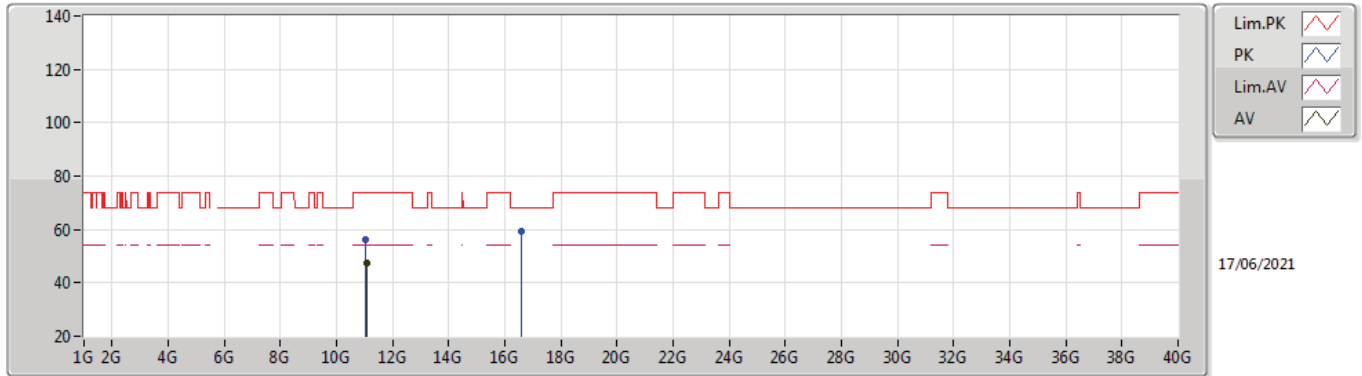
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	51.98	54.00	-2.02	9.26	3	Vertical	242	1.78	-	42.72	31.63	6.83	29.20
AV	5.534G	95.74	Inf	-Inf	9.39	3	Vertical	242	1.78	-	86.35	31.73	6.87	29.21
PK	5.47G	59.19	68.20	-9.01	9.31	3	Vertical	242	1.78	-	49.88	31.68	6.83	29.20
PK	5.532G	103.33	Inf	-Inf	9.40	3	Vertical	242	1.78	-	93.93	31.74	6.87	29.21
PK	5.759G	56.18	68.20	-12.02	9.59	3	Vertical	242	1.78	-	46.59	31.90	6.98	29.29

802.11ac VHT80_Nss1,(MCS0)_2TX

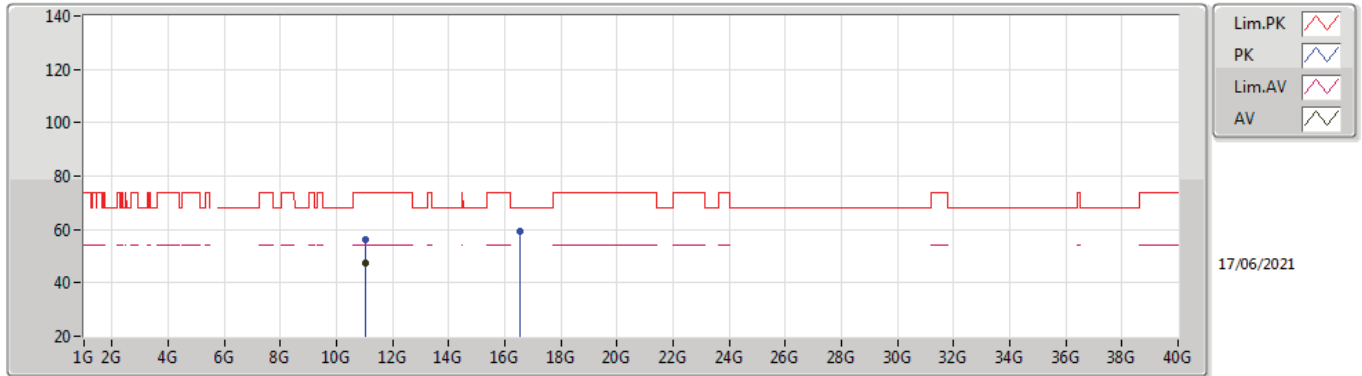
5530MHz_TX



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	11.08384G	47.18	54.00	-6.82	18.81	3	Vertical	143	1.62	-	28.37	39.96	9.29	30.44
PK	11.03472G	56.40	74.00	-17.60	18.98	3	Vertical	143	1.62	-	37.42	40.16	9.27	30.45
PK	16.57768G	59.27	68.20	-8.93	19.51	3	Vertical	294	1.63	-	39.76	38.72	11.82	31.03

802.11ac VHT80_Nss1,(MCS0)_2TX

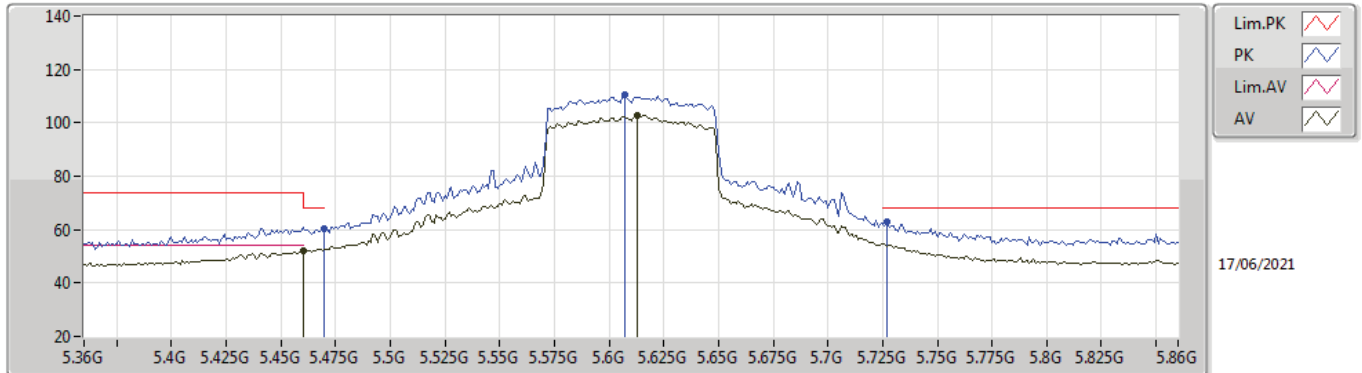
5530MHz_TX



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	11.03808G	47.25	54.00	-6.75	18.98	3	Horizontal	221	1.51	-	28.27	40.15	9.27	30.44
PK	11.04912G	56.36	74.00	-17.64	18.93	3	Horizontal	221	1.51	-	37.43	40.10	9.27	30.44
PK	16.55656G	59.43	68.20	-8.77	19.51	3	Horizontal	98	1.83	-	39.92	38.74	11.81	31.04

802.11ac VHT80_Nss1,(MCS0)_2TX

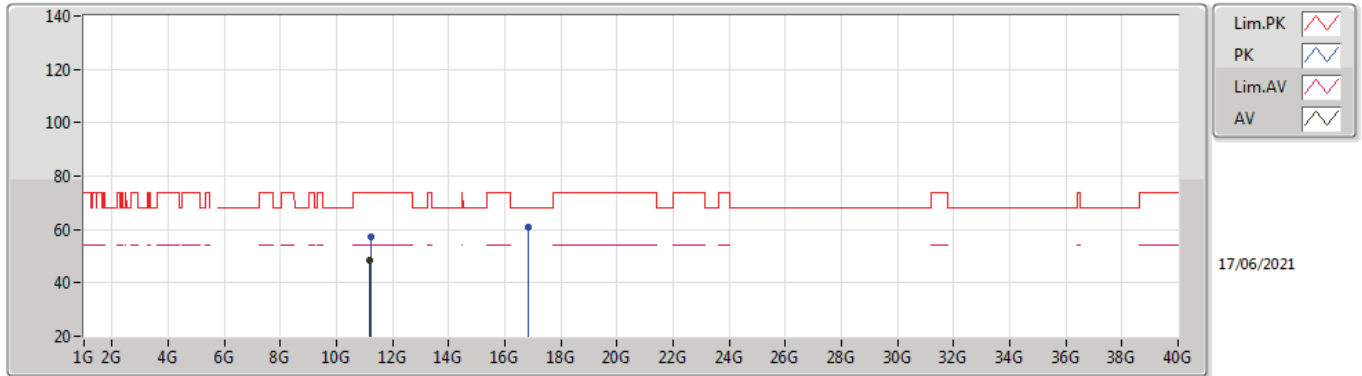
5610MHz_TX



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	51.88	54.00	-2.12	9.27	3	Vertical	360	1.42	-	42.61	31.64	6.83	29.20
AV	5.613G	102.89	Inf	-Inf	9.34	3	Vertical	360	1.42	-	93.55	31.67	6.91	29.24
PK	5.47G	60.47	68.20	-7.73	9.31	3	Vertical	360	1.42	-	51.16	31.68	6.83	29.20
PK	5.607G	110.56	Inf	-Inf	9.35	3	Vertical	360	1.42	-	101.21	31.69	6.90	29.24
PK	5.727G	62.68	68.20	-5.52	9.53	3	Vertical	360	1.42	-	53.15	31.85	6.96	29.28

802.11ac VHT80_Nss1,(MCS0)_2TX

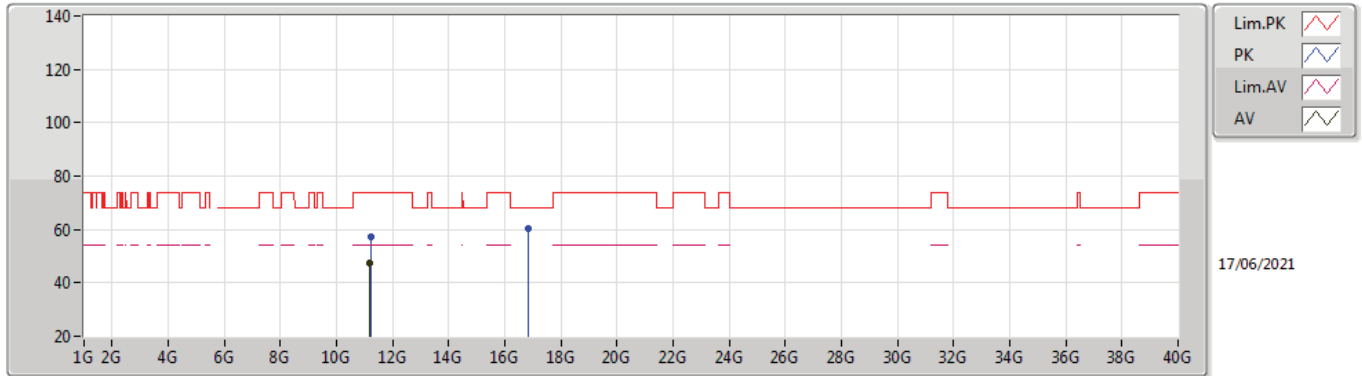
5610MHz_TX



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	11.18416G	48.25	54.00	-5.75	18.64	3	Vertical	156	1.21	-	29.61	39.73	9.33	30.42
PK	11.22G	57.26	74.00	-16.74	18.65	3	Vertical	156	1.21	-	38.61	39.72	9.35	30.42
PK	16.8436G	61.05	68.20	-7.15	21.17	3	Vertical	276	1.00	-	39.88	40.10	11.96	30.89

802.11ac VHT80_Nss1,(MCS0)_2TX

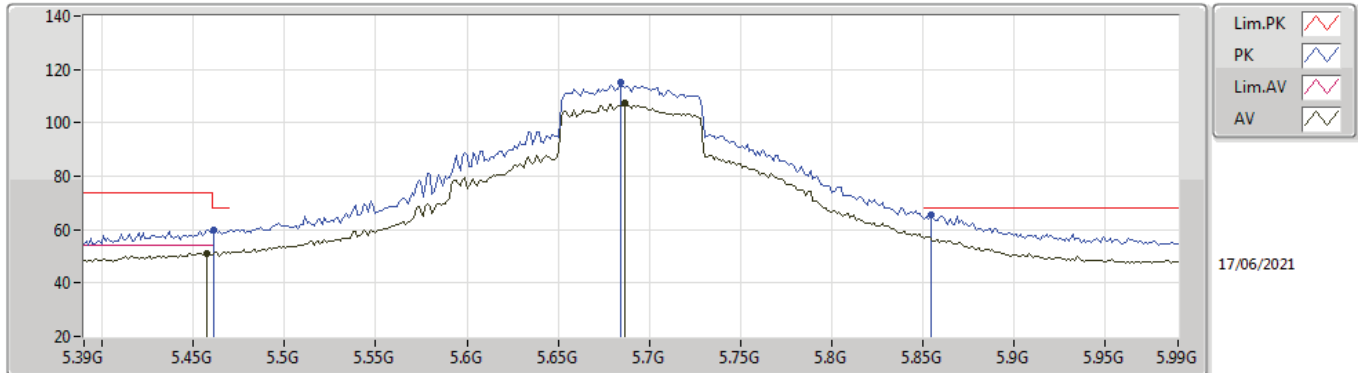
5610MHz_TX



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	11.19632G	47.41	54.00	-6.59	18.63	3	Horizontal	289	1.05	-	28.78	39.71	9.34	30.42
PK	11.21088G	57.12	74.00	-16.88	18.63	3	Horizontal	289	1.05	-	38.49	39.71	9.34	30.42
PK	16.83992G	60.58	68.20	-7.62	21.17	3	Horizontal	187	1.93	-	39.41	40.10	11.96	30.89

802.11ac VHT80_Nss1,(MCS0)_2TX

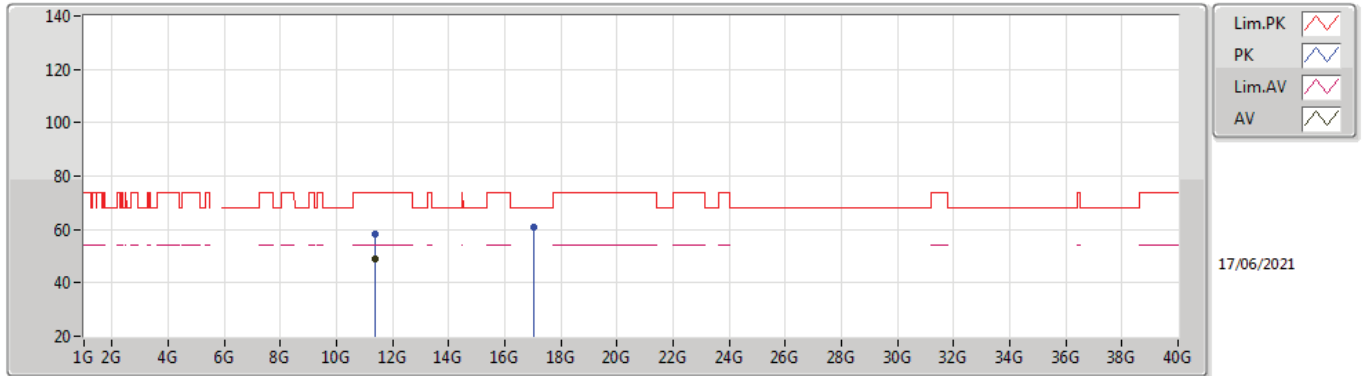
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4572G	51.04	54.00	-2.96	9.26	3	Vertical	333	1.49	-	41.78	31.63	6.83	29.20
AV	5.6864G	107.24	Inf	-Inf	9.43	3	Vertical	333	1.49	-	97.81	31.75	6.94	29.26
PK	5.4608G	59.78	68.20	-8.42	9.27	3	Vertical	333	1.49	-	50.51	31.64	6.83	29.20
PK	5.684G	115.08	Inf	-Inf	9.42	3	Vertical	333	1.49	-	105.66	31.74	6.94	29.26
PK	5.8544G	65.32	68.20	-2.88	9.82	3	Vertical	333	1.49	-	55.50	32.11	7.03	29.32

802.11ac VHT80_Nss1,(MCS0)_2TX

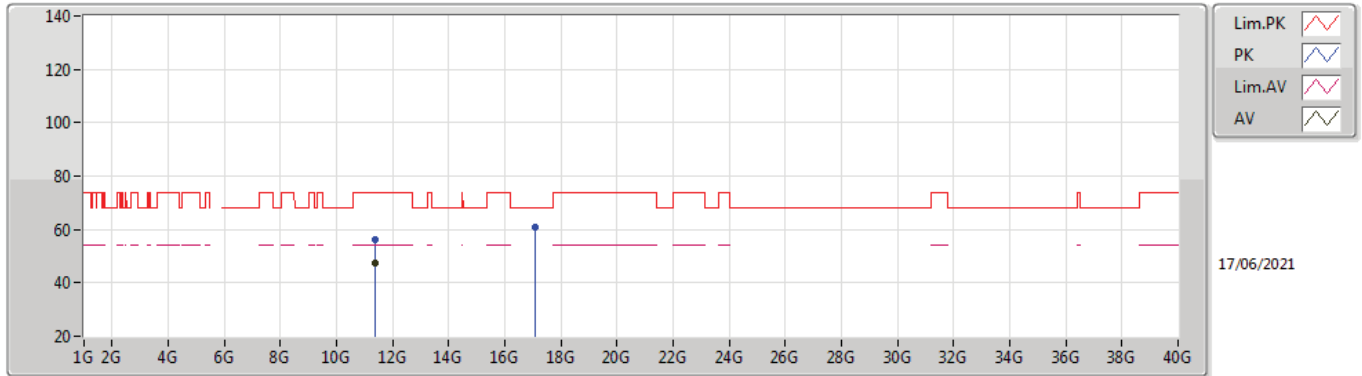
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.40128G	49.10	54.00	-4.90	19.04	3	Vertical	134	2.58	-	30.06	40.00	9.43	30.39
PK	11.3936G	58.09	74.00	-15.91	19.03	3	Vertical	134	2.58	-	39.06	39.99	9.43	30.39
PK	17.04072G	60.72	68.20	-7.48	21.33	3	Vertical	342	1.55	-	39.39	40.06	12.07	30.80

802.11ac VHT80_Nss1,(MCS0)_2TX

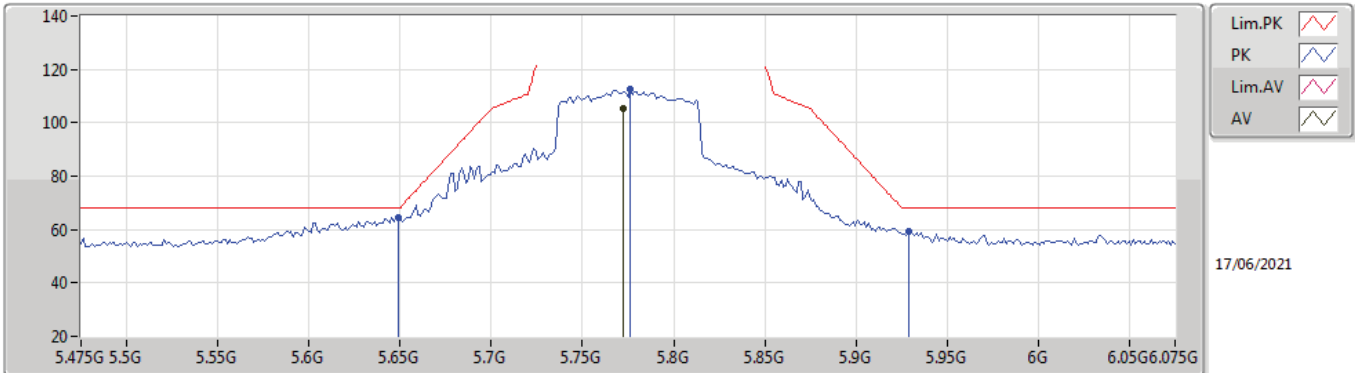
5690MHz Straddle 5.47-5.725GHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39728G	47.31	54.00	-6.69	19.03	3	Horizontal	159	1.33	-	28.28	39.99	9.43	30.39
PK	11.40128G	56.37	74.00	-17.63	19.04	3	Horizontal	159	1.33	-	37.33	40.00	9.43	30.39
PK	17.08696G	60.94	68.20	-7.26	21.33	3	Horizontal	1	1.70	-	39.61	40.01	12.10	30.78

802.11ac VHT80_Nss1,(MCS0)_2TX

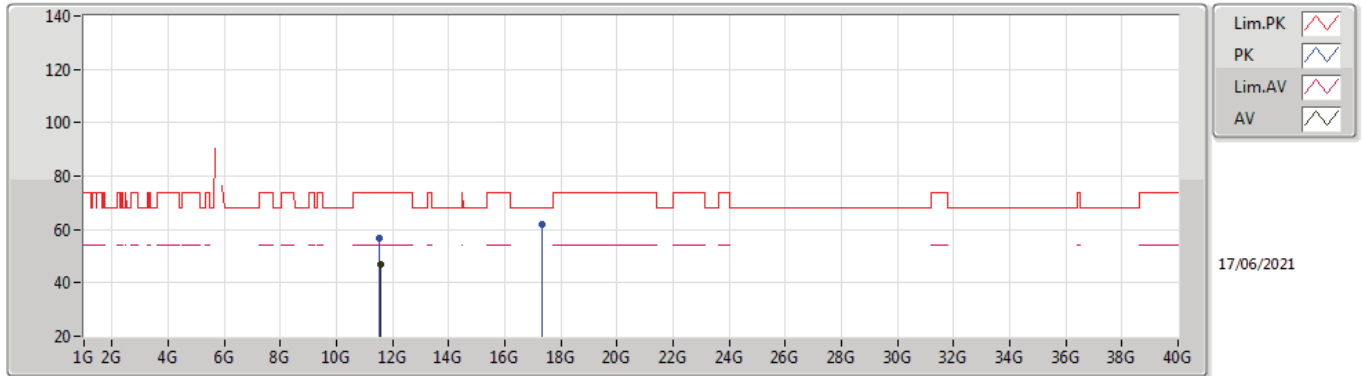
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7726G	105.12	Inf	-Inf	9.60	3	Vertical	221	1.90	-	95.52	31.90	6.99	29.29
PK	5.649G	64.53	68.20	-3.67	9.27	3	Vertical	221	1.90	-	55.26	31.60	6.92	29.25
PK	5.7762G	112.57	Inf	-Inf	9.60	3	Vertical	221	1.90	-	102.97	31.90	6.99	29.29
PK	5.9286G	59.20	68.20	-9.00	10.02	3	Vertical	221	1.90	-	49.18	32.31	7.06	29.35

802.11ac VHT80_Nss1,(MCS0)_2TX

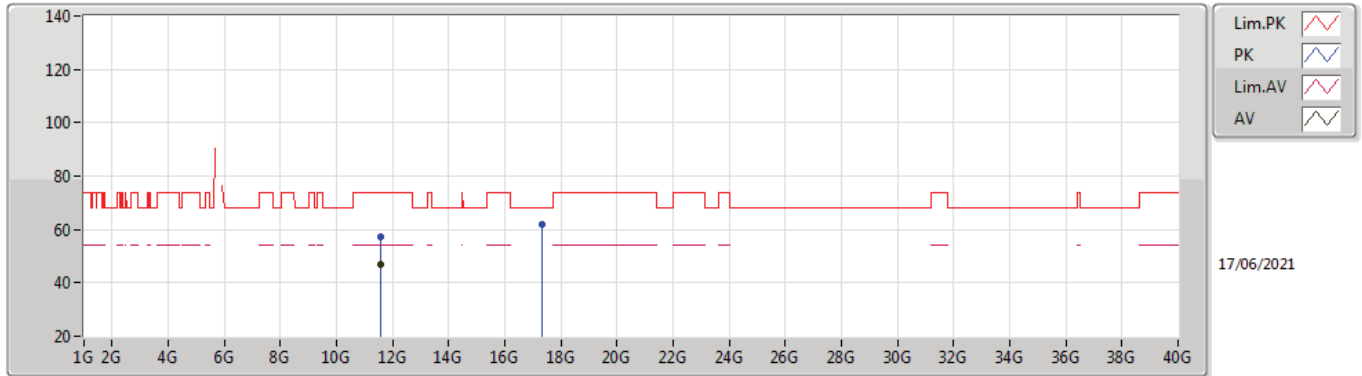
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5796G	47.07	54.00	-6.93	18.98	3	Vertical	360	2.10	-	28.09	39.82	9.51	30.35
PK	11.53448G	56.79	74.00	-17.21	18.99	3	Vertical	360	2.10	-	37.80	39.87	9.49	30.37
PK	17.3114G	61.65	68.20	-6.55	21.49	3	Vertical	278	2.63	-	40.16	39.99	12.22	30.72

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56424G	47.13	54.00	-6.87	18.98	3	Horizontal	173	2.04	-	28.15	39.84	9.50	30.36
PK	11.58248G	57.45	74.00	-16.55	18.98	3	Horizontal	173	2.04	-	38.47	39.82	9.51	30.35
PK	17.34676G	62.15	68.20	-6.05	21.80	3	Horizontal	225	2.34	-	40.35	40.27	12.24	30.71