

FCC Radio Test Report

FCC ID : HDC-649B
Equipment : WiFi6 module
Brand Name : **ADTRAN**[®]
Model Name : W649bYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant : Adtran
901 Explorer Blvd., Huntsville, AL 35806, USA
Manufacturer : XAVi Technologies Corporation
22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New
Taipei City 241, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 31, 2021, and testing was started from Sep. 09, 2021 and completed on Sep. 18, 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: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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Report Template No.: HE1-D1 Ver4.2
FCC ID: HDC-649B

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Debby Hung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5470-5725	a, n (HT20), ac (VHT20), ax(HEW20)	5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5470-5725	n (HT40), ac (VHT40), ax(HEW40)	5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5470-5725	ac (VHT80), ax(HEW80)	5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

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.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	GALTRONICS	60-3523-03-2	PCB	U.FL	3.99
2	GALTRONICS	60-2888-03-2	PCB	U.FL	3.99
3	GALTRONICS	60-2791-03	PCB	U.FL	2.12
4	GALTRONICS	60-2808-03	PCB	U.FL	2.12

Note 1: The EUT has four antennas.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX)

Ant. 1~4 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	☐ Outdoor/Indoor Client
Beamforming Function	☒	With beamforming	☐ Without beamforming
TPC Function	☒	With TPC Function	☐ Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐ Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☐ Partial RU
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

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.859	0.66	1.397m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.613	2.13	312.5u	10k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.601	2.21	312.5u	10k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.598	2.23	297.188u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.973	0.12	3.784m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.954	0.2	1.921m	1k
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.908	0.42	945.938u	3k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
W649bYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")	All the models are identical, the different model served as marketing strategy.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR182708-02AN

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

Modifications	Performance Checking
DFS band (Band 3) was added.	Conducted and Radiated Emissions were evaluated

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9℃ / 50~60%	15/Sep/2021
Radiated	03CH02-HY	Daniel Lin	20.8~26.7℃ / 52~64%	09/Sep/2021~11/Sep/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

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

Non-Beamforming

Test Software	QATool_Dbg
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Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	9.5
5580MHz	9
5700MHz	9
5720MHz Straddle 5.47-5.725GHz	9
5720MHz Straddle 5.725-5.85GHz	9
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5500MHz	10
5580MHz	9.5
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5510MHz	12.5
5550MHz	13
5670MHz	11.5
5710MHz Straddle 5.47-5.725GHz	11.5
5710MHz Straddle 5.725-5.85GHz	11.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5530MHz	13
5610MHz	12.5
5690MHz Straddle 5.47-5.725GHz	13.5
5690MHz Straddle 5.725-5.85GHz	13.5

**Beamforming**

Test Software	CMD
Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5500MHz	20
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	23
5720MHz Straddle 5.725-5.85GHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5510MHz	19
5550MHz	20
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5530MHz	18
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	23
5690MHz Straddle 5.725-5.85GHz	23

2.2 The Worst Case Measurement Configuration

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

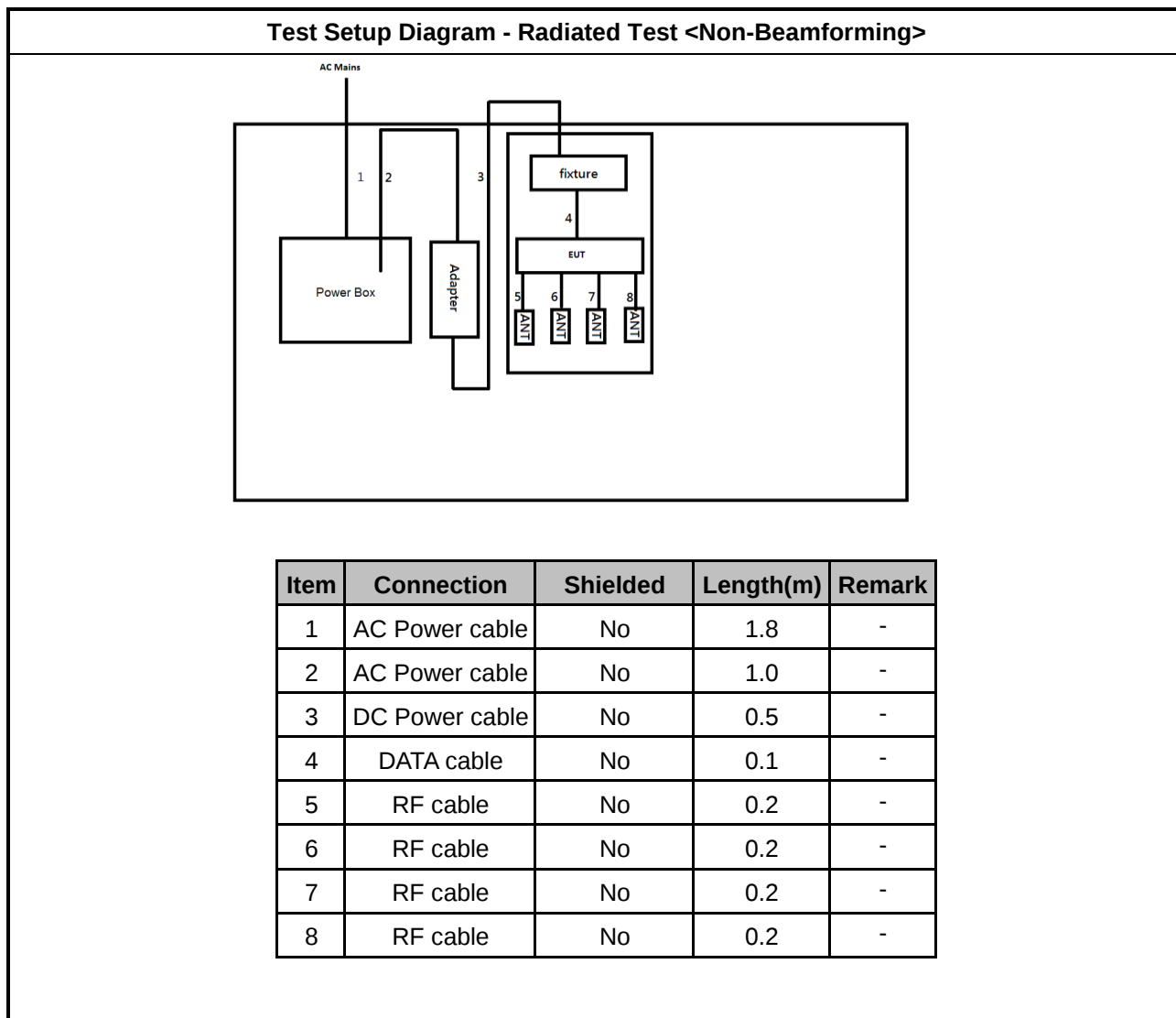
The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest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

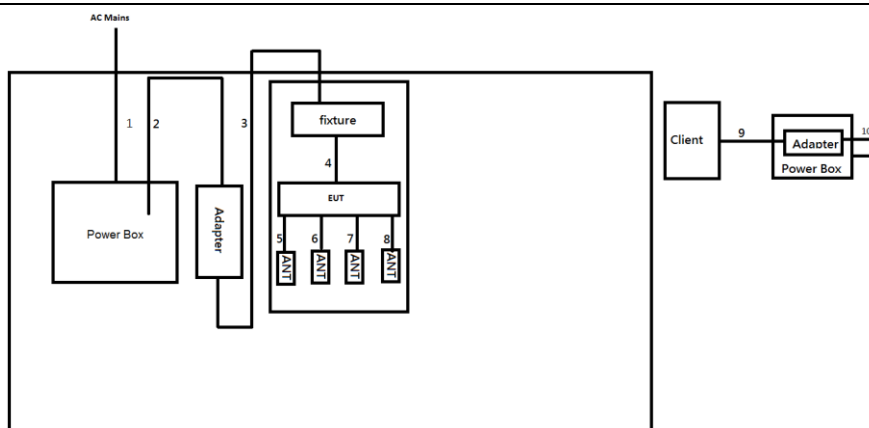
2.3 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	ADTRAN	841-T6	-	-
4	Adapter for Fixture	MASS POWER	S050-1A120400B3	-	-
5	BF Client	ADTRAN	841-T6	-	-
6	Adapter for BF Client	MASS POWER	S050-1A120400B3	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	ADTRAN	841-T6	-	Provided by Customer
2	Adapter	MASS POWER	S050-1A120400B3	-	Provided by Customer
3	Client	ADTRAN	841-T6	-	Remote / Provided by Customer
4	Adapter	MASS POWER	S050-1A120400B3	-	Remote / Provided by Customer

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test <Beamforming>


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.0	-
3	DC Power cable	No	0.5	-
4	DATA cable	No	0.1	-
5	RF cable	No	0.2	-
6	RF cable	No	0.2	-
7	RF cable	No	0.2	-
8	RF cable	No	0.2	-
9	DC Power cable	No	0.5	-
10	AC Power cable	No	1.0	-

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

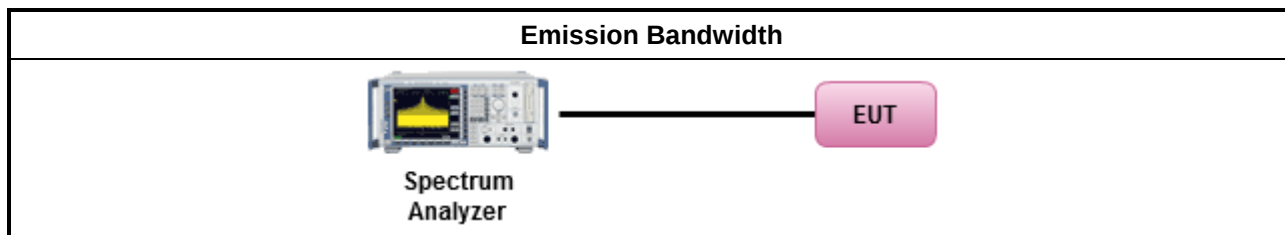
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

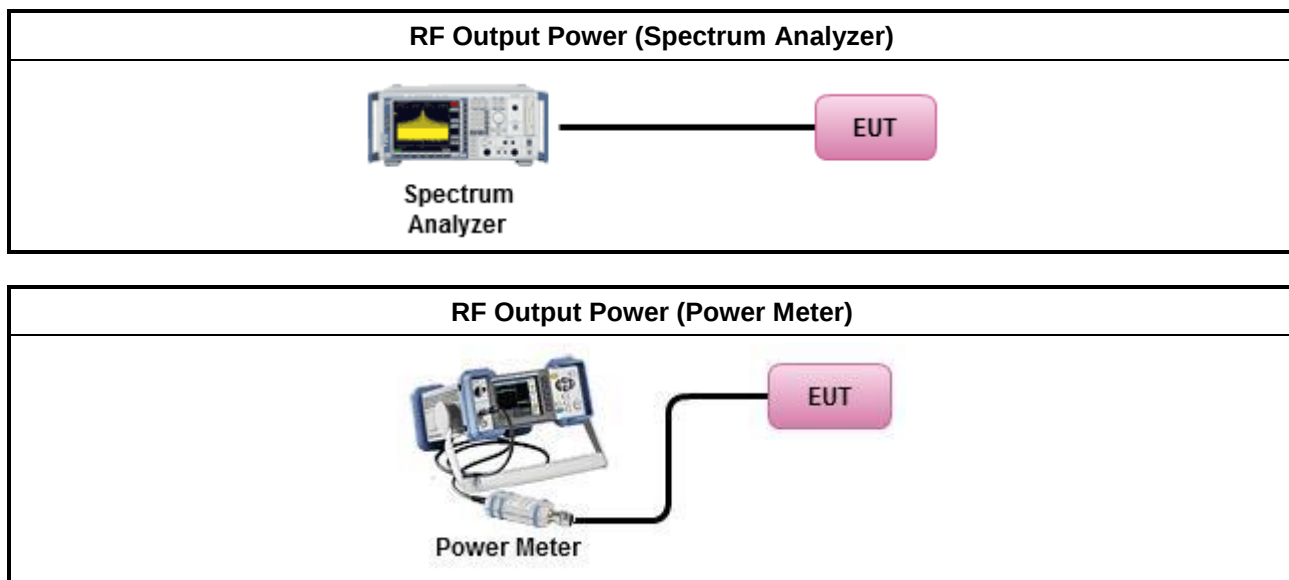
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

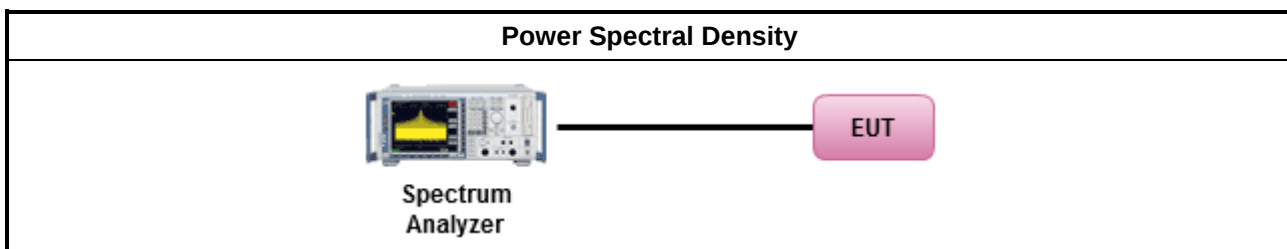
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

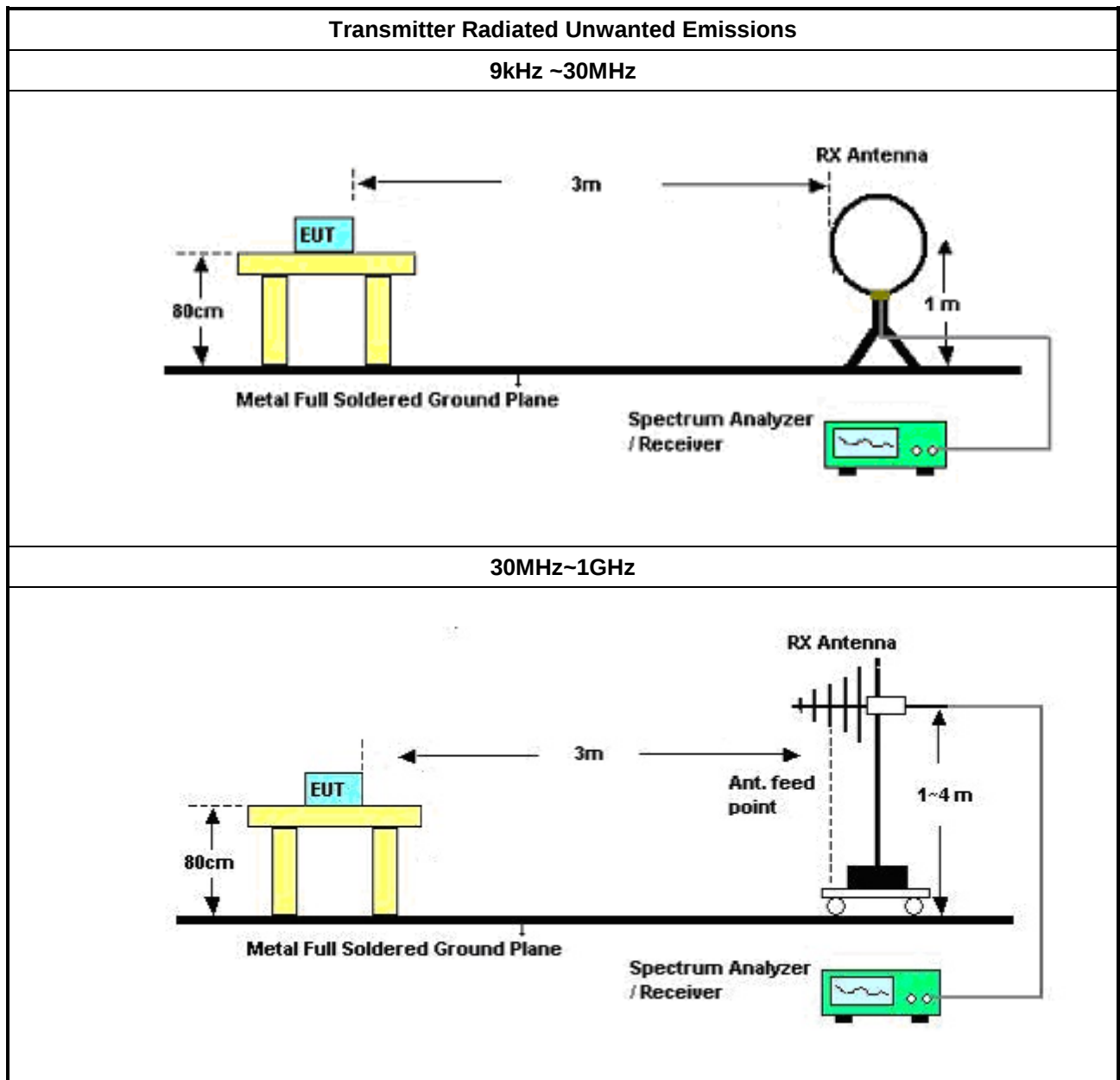
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 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.

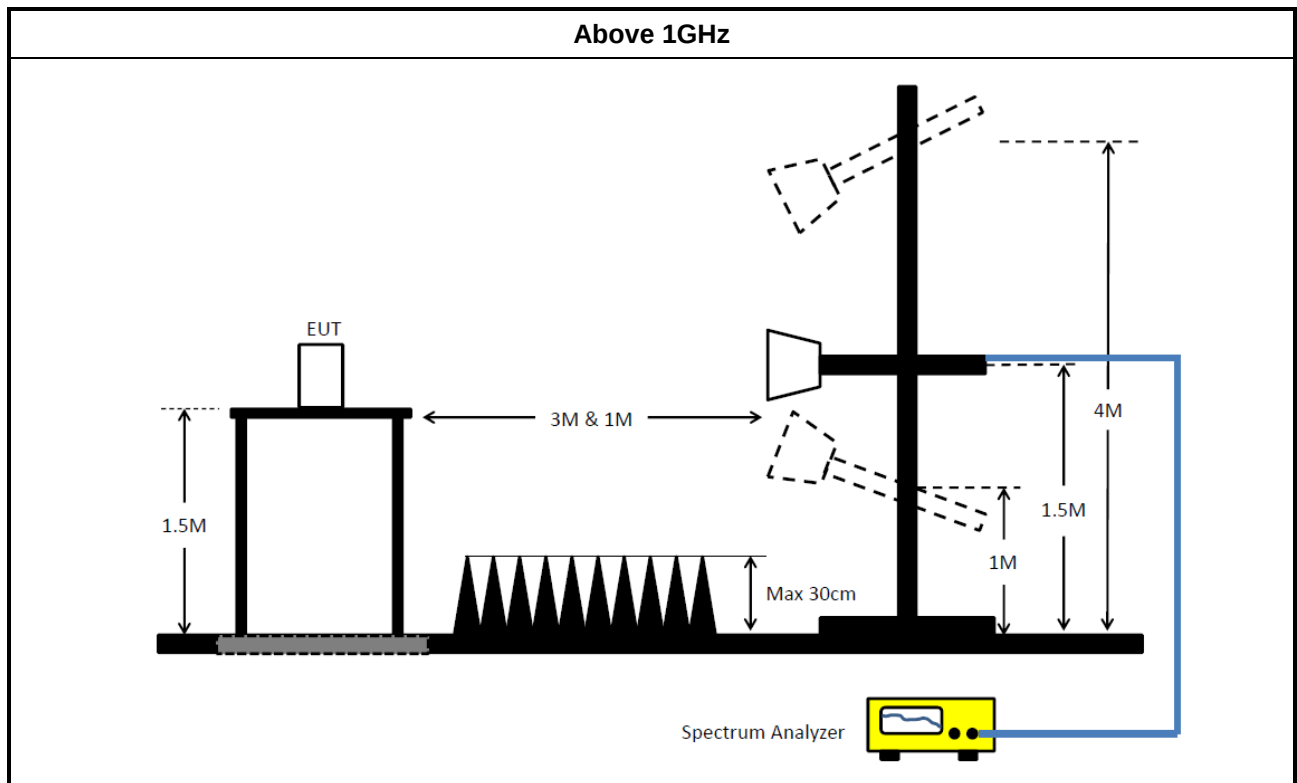
3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup





3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2021
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022

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	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable-R03m	HUBER+SUHN ER	SUCOFLEX104	805193/4+8051 92/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBEC K	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
SENSE-15407_ NII	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.13M	16.582M	16M6D1D	14.73M	13.163M
802.11ax HEW20_Nss1,(MCS0)_4TX	30.63M	19.04M	19M0D1D	16.35M	14.438M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.72M	37.661M	37M7D1D	34.72M	33.548M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.4M	76.882M	76M9D1D	75.075M	72.639M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.12M	3.898M	3M90D1D	2.56M	3.778M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.24M	4.978M	4M98D1D	3.8M	4.938M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.94M	4.158M	4M16D1D	3.82M	4.138M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.02M	4.178M	4M18D1D	3.96M	4.158M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	20.01M	16.552M	19.86M	16.432M	19.95M	16.462M	19.86M	16.372M
5580MHz	Pass	Inf	20.13M	16.582M	19.77M	16.462M	20.04M	16.432M	19.8M	16.402M
5700MHz	Pass	Inf	19.89M	16.552M	19.89M	16.462M	19.71M	16.432M	19.83M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.835M	13.268M	14.73M	13.193M	14.94M	13.208M	14.79M	13.163M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.898M	2.56M	3.798M	2.56M	3.778M	3.12M	3.778M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	26.55M	19.01M	23.55M	18.951M	23.88M	18.951M	21.78M	18.981M
5580MHz	Pass	Inf	23.37M	18.981M	22.32M	18.981M	25.23M	18.981M	24.87M	19.01M
5700MHz	Pass	Inf	30.63M	19.04M	24.27M	18.951M	23.58M	18.951M	23.43M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	18.525M	14.453M	17.07M	14.438M	17.19M	14.438M	16.35M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.24M	4.938M	3.82M	4.938M	3.8M	4.978M	4.24M	4.958M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	39.66M	37.601M	39.48M	37.661M	39.48M	37.481M	39.54M	37.481M
5550MHz	Pass	Inf	39.54M	37.541M	39.54M	37.541M	39.54M	37.601M	39.66M	37.601M
5670MHz	Pass	Inf	39.72M	37.541M	39.48M	37.541M	39.6M	37.541M	39.54M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.72M	33.548M	34.79M	33.583M	34.825M	33.548M	34.825M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.138M	3.9M	4.138M	3.82M	4.158M	3.86M	4.138M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	80.28M	76.642M	80.28M	76.642M	80.28M	76.882M	80.16M	76.762M
5610MHz	Pass	Inf	80.4M	76.762M	80.16M	76.882M	80.16M	76.762M	80.28M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.075M	72.714M	75.075M	72.639M	75.15M	72.789M	75.3M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.158M	4.02M	4.178M	3.96M	4.158M	3.98M	4.178M

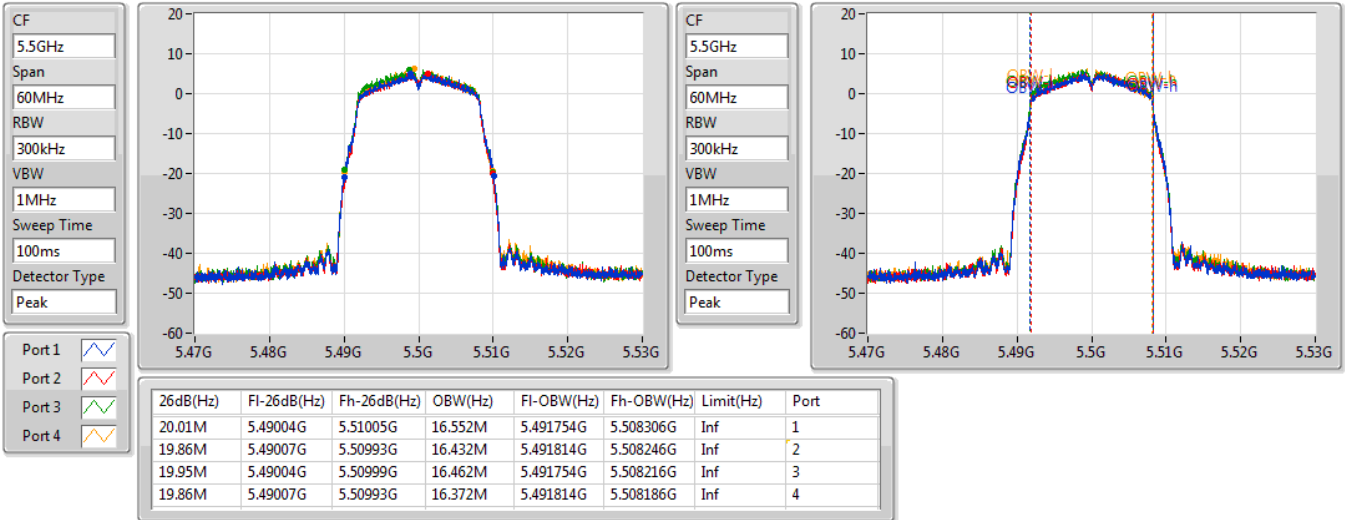
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

15/09/2021

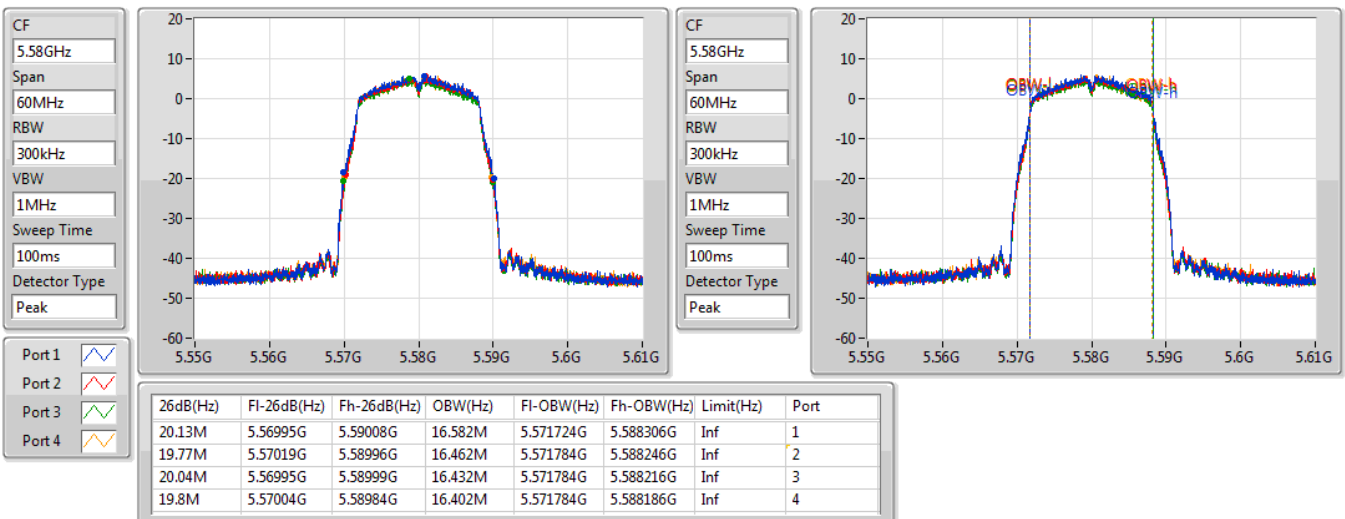


802.11a_Nss1,(6Mbps)_4TX

EBW

5580MHz

15/09/2021

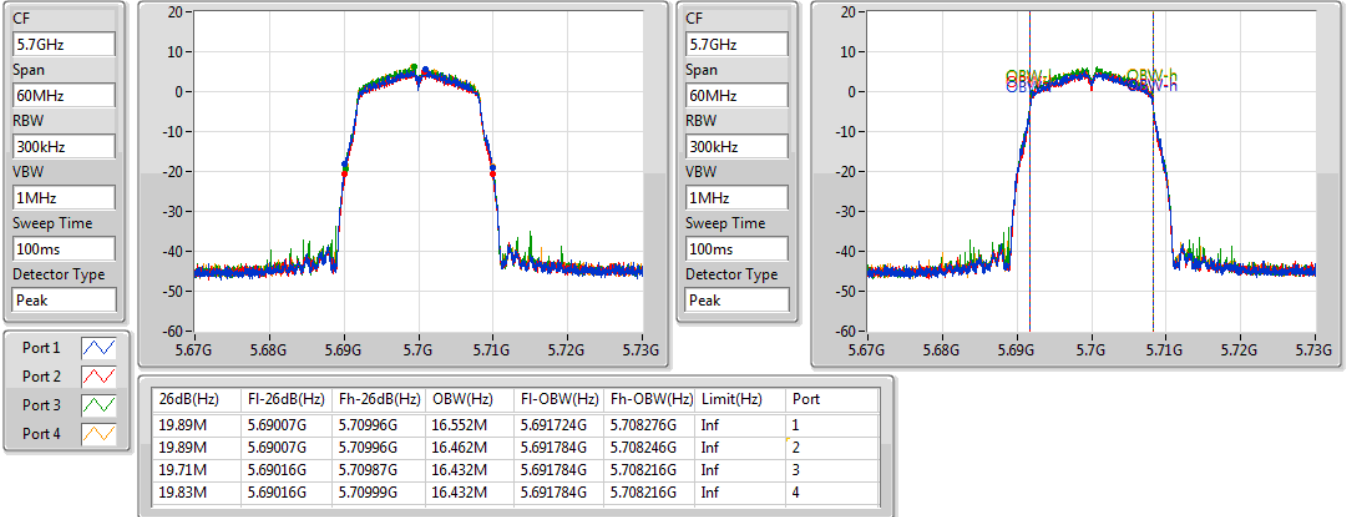


802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

15/09/2021

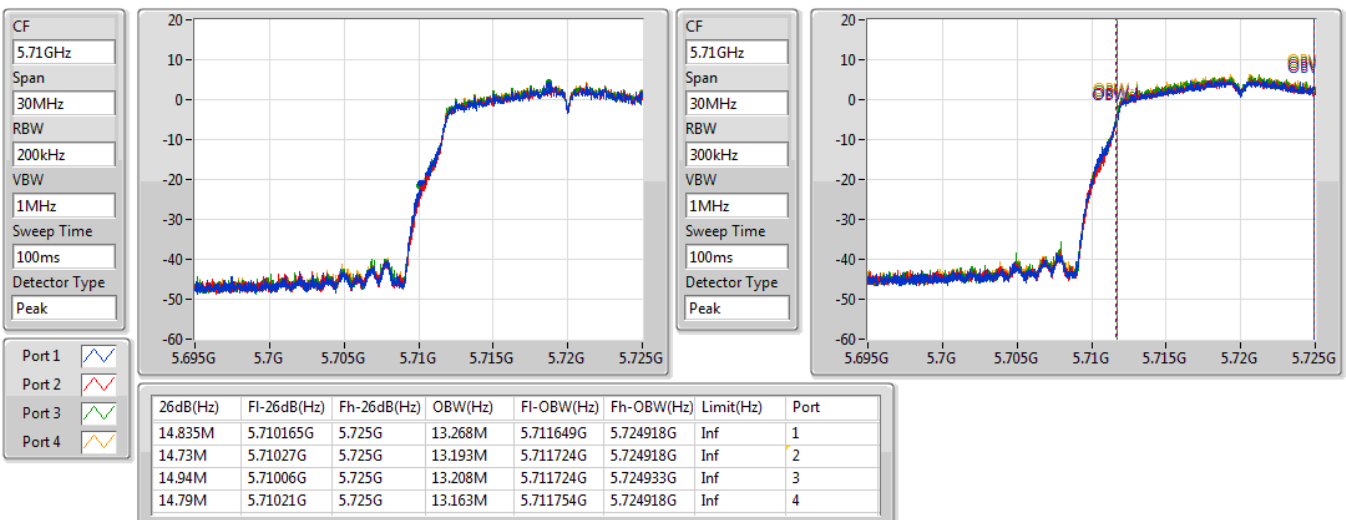


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

15/09/2021

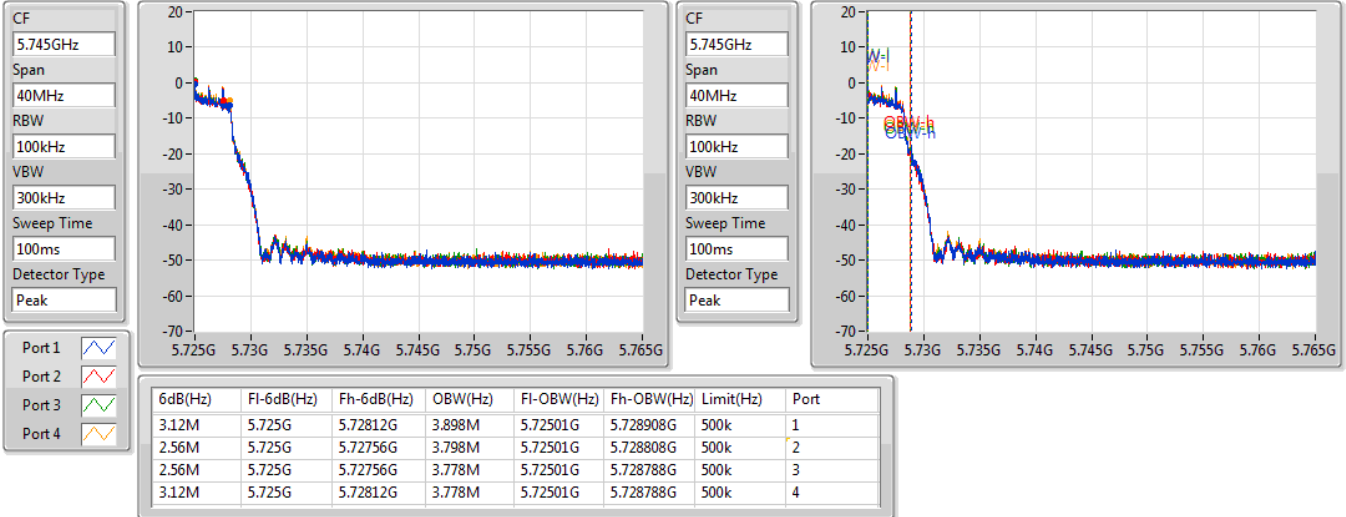


802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

15/09/2021

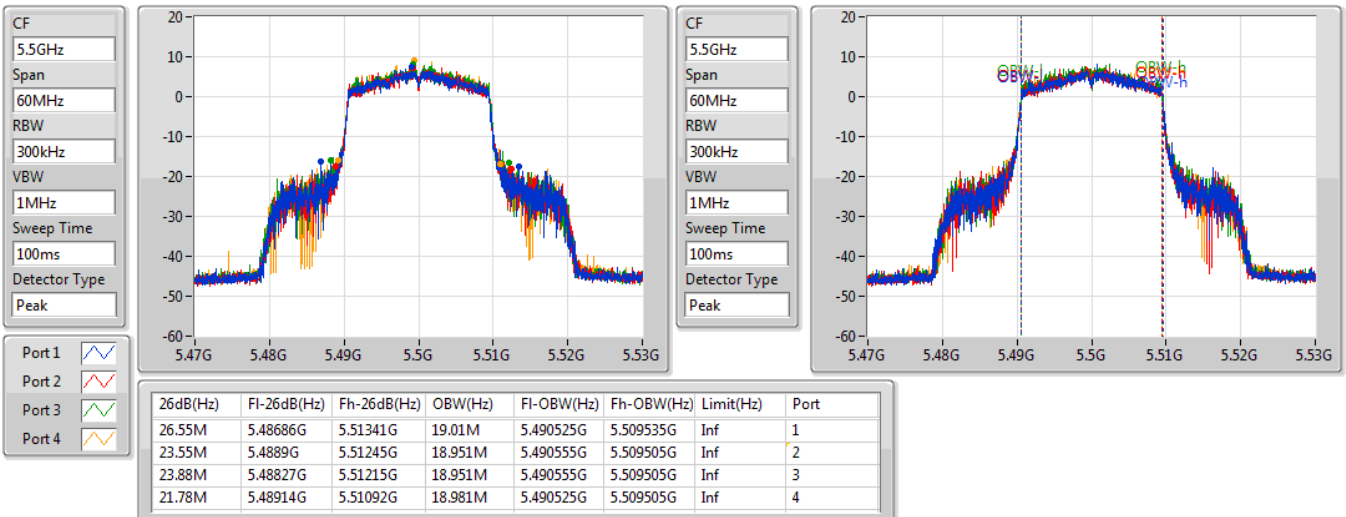


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

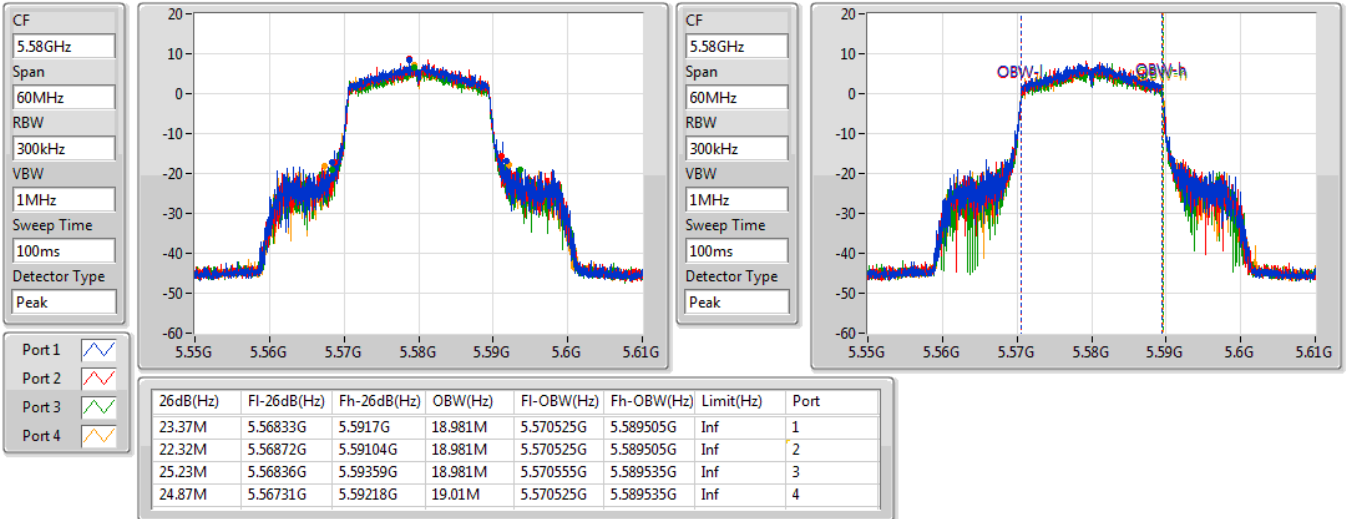
5500MHz

15/09/2021

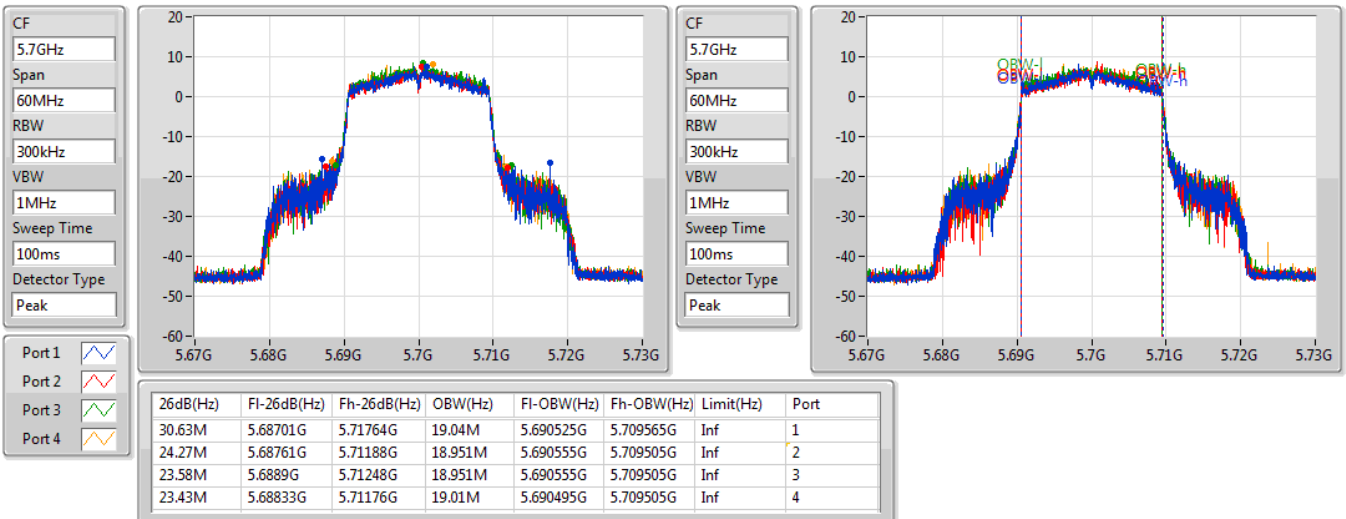


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

15/09/2021

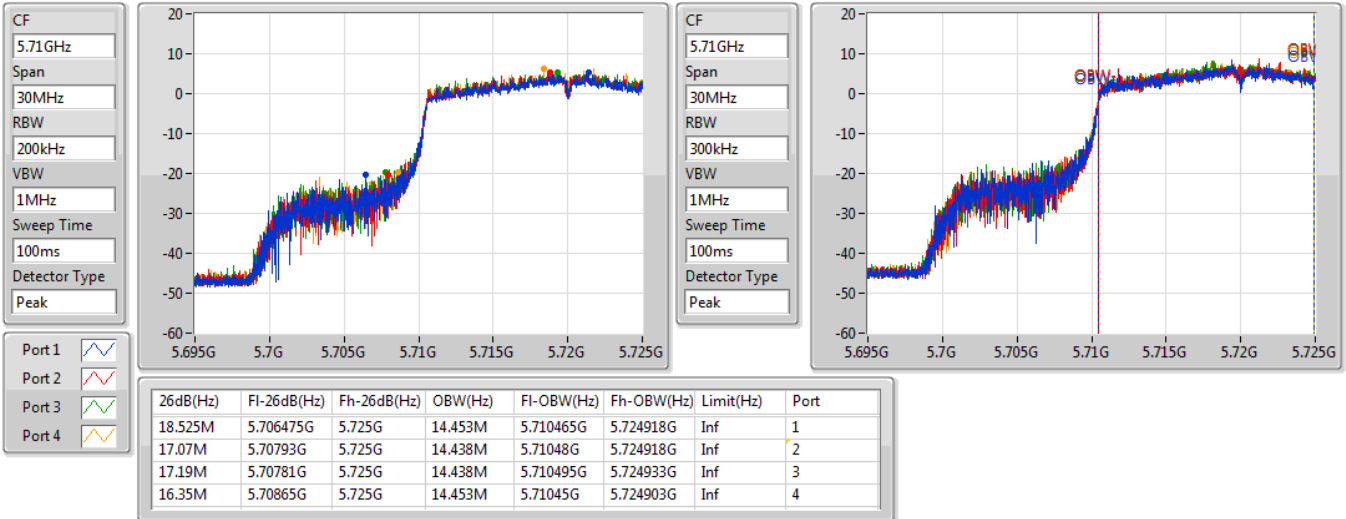

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5700MHz

15/09/2021

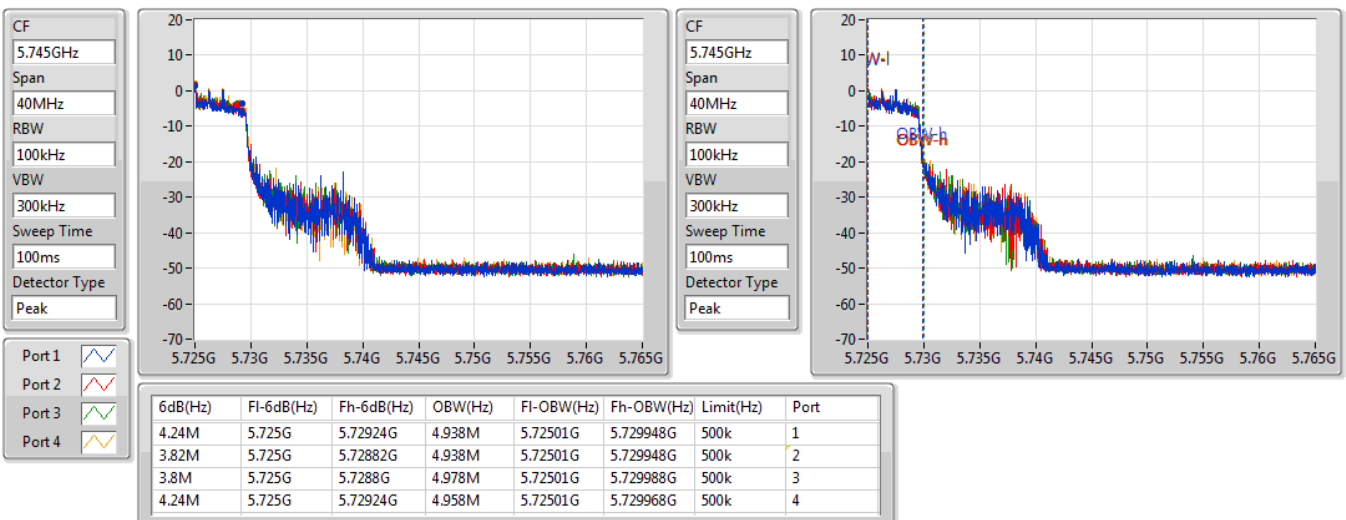


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

15/09/2021


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

15/09/2021

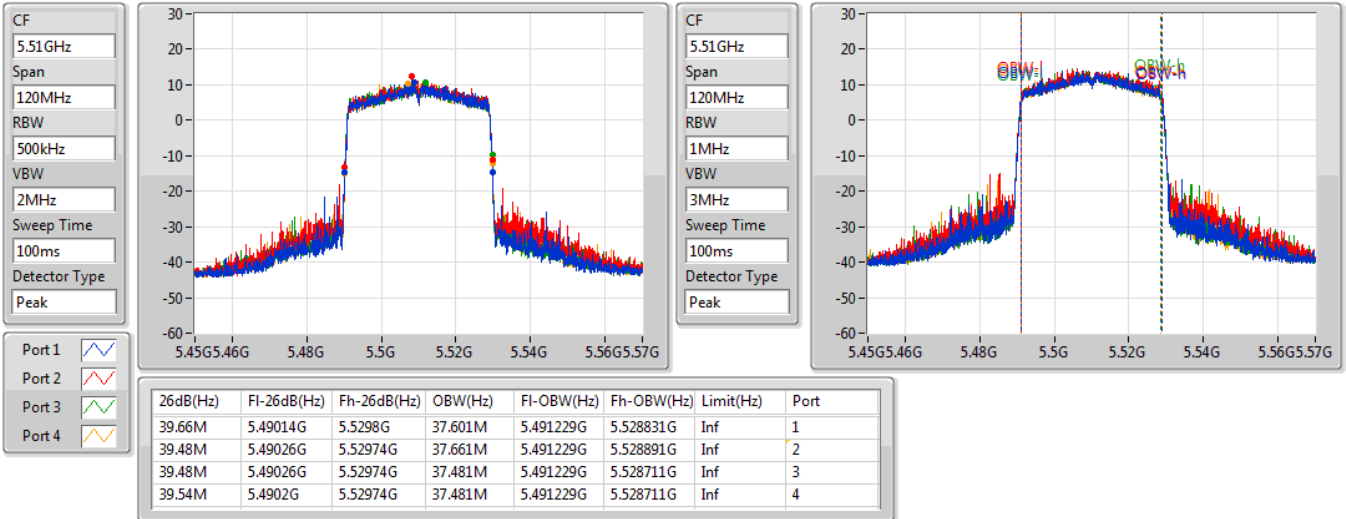


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5510MHz

15/09/2021

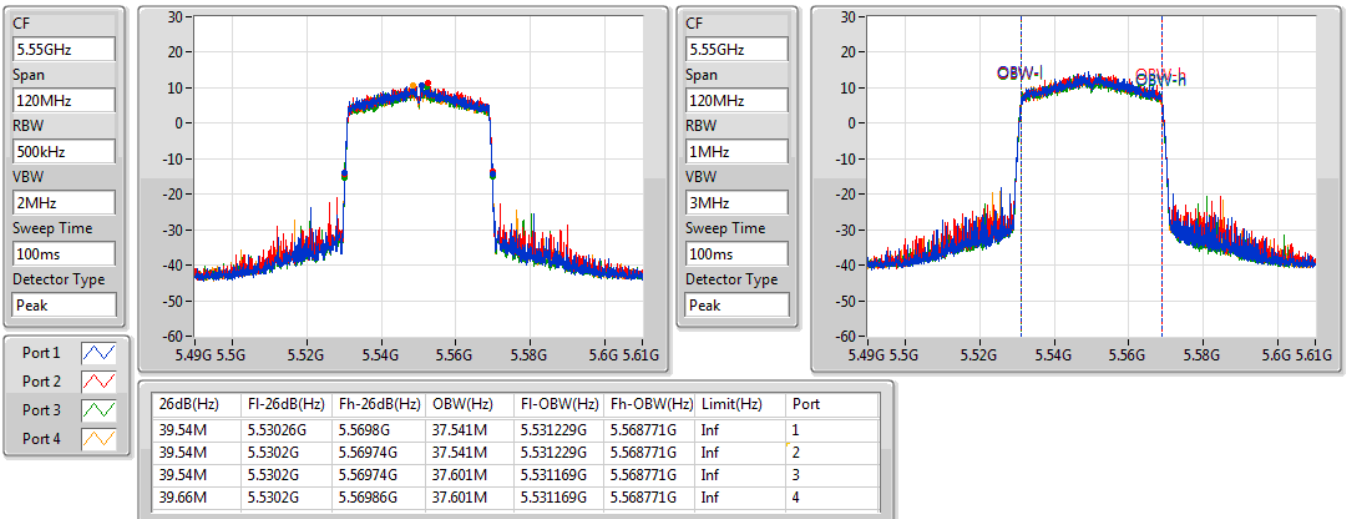


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5550MHz

15/09/2021

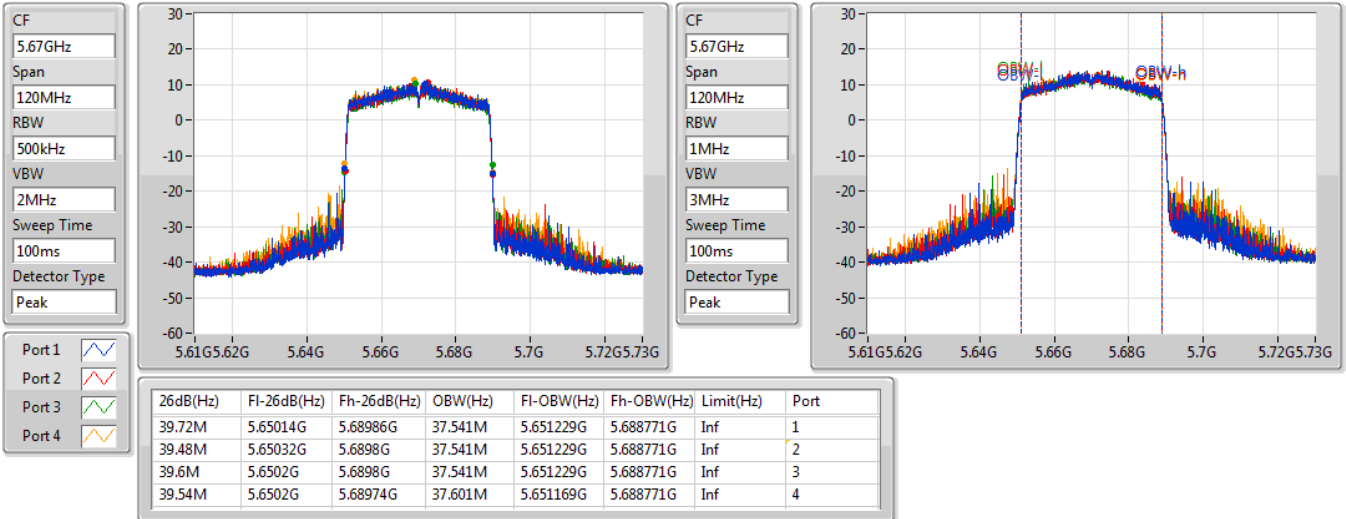


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5670MHz

15/09/2021

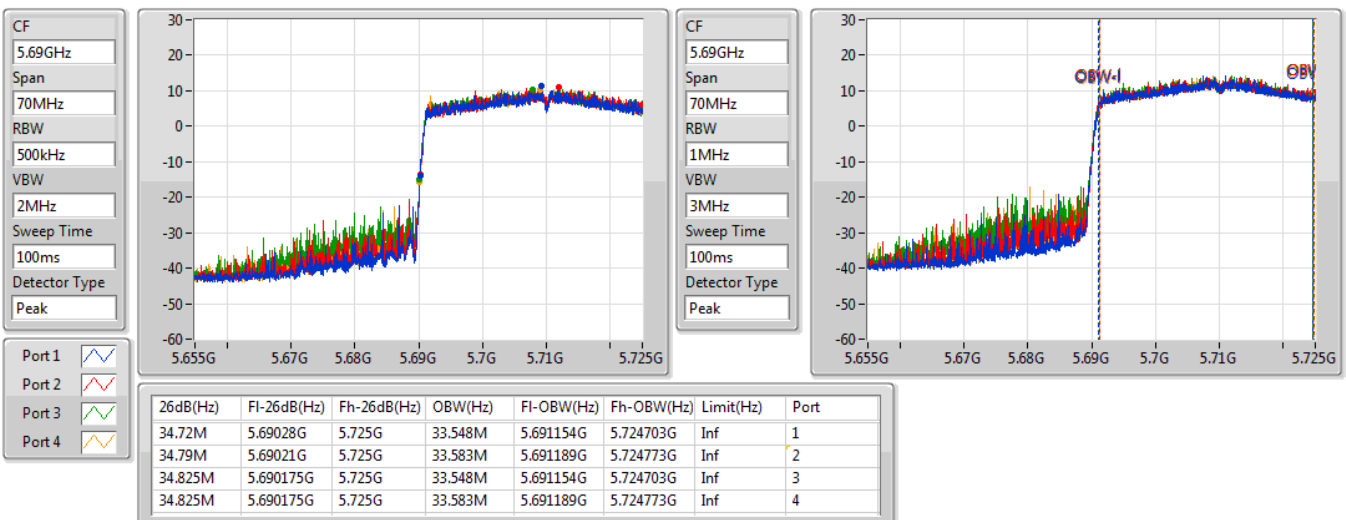


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

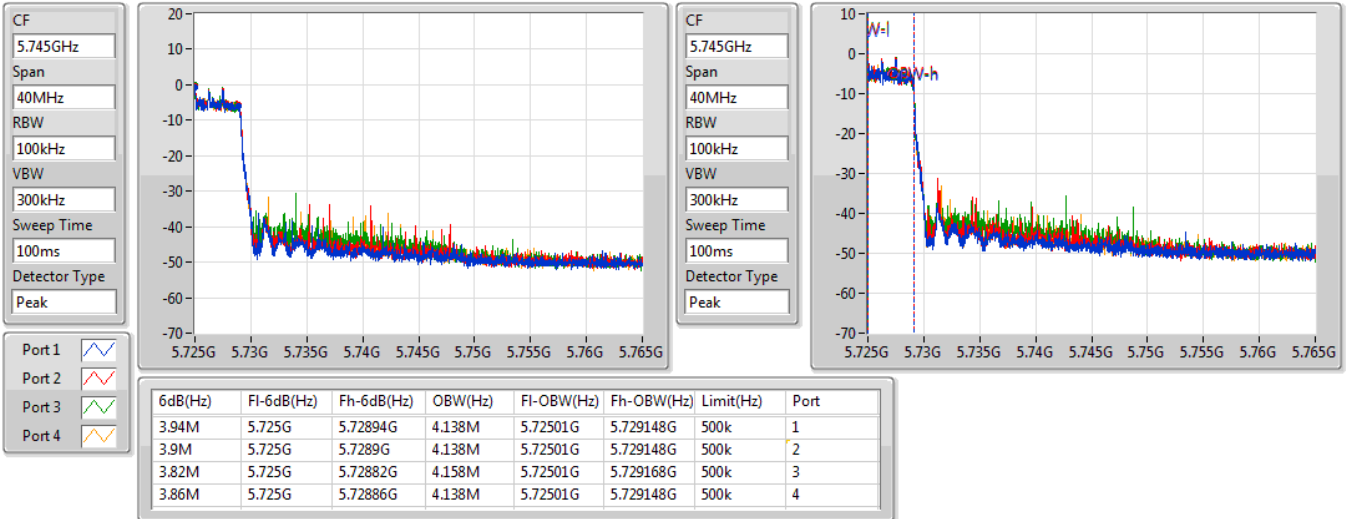
5710MHz Straddle 5.47-5.725GHz

15/09/2021

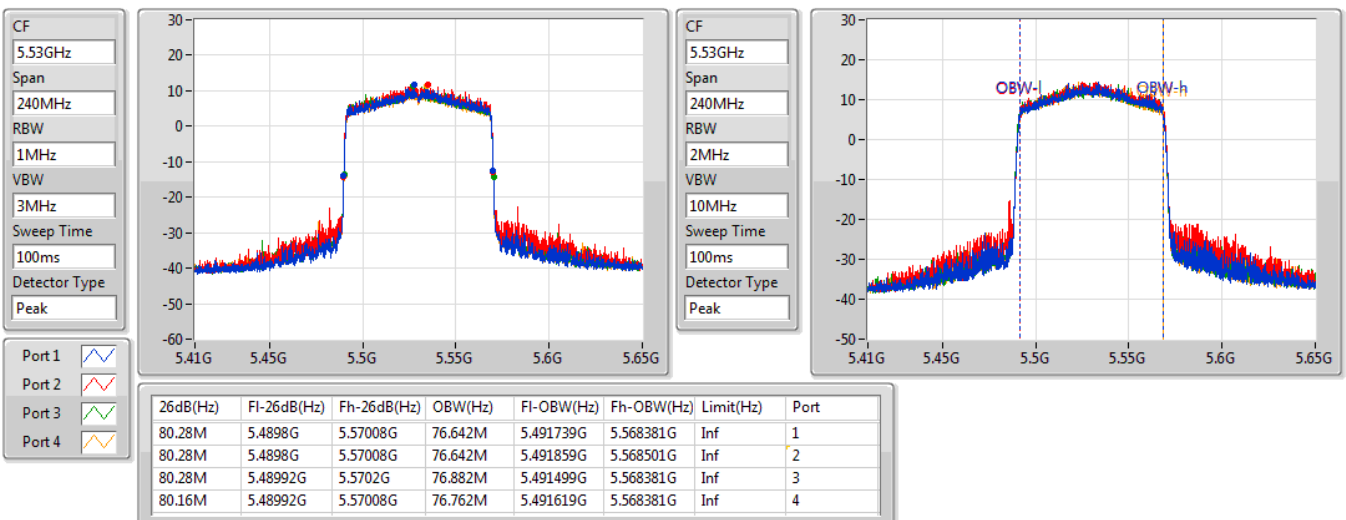


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

15/09/2021

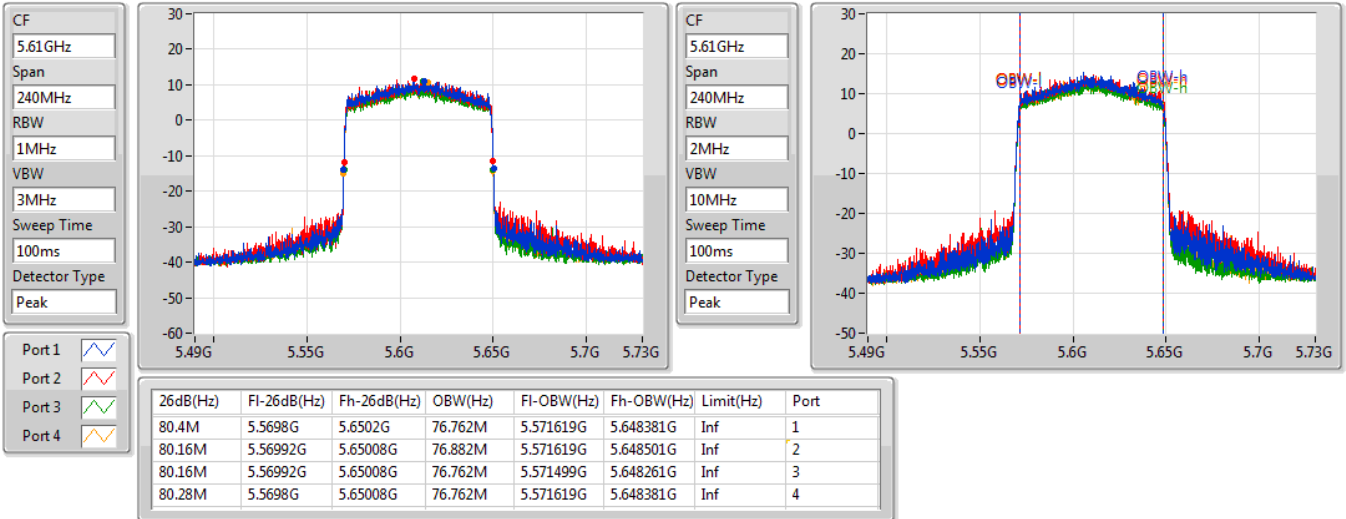

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

15/09/2021

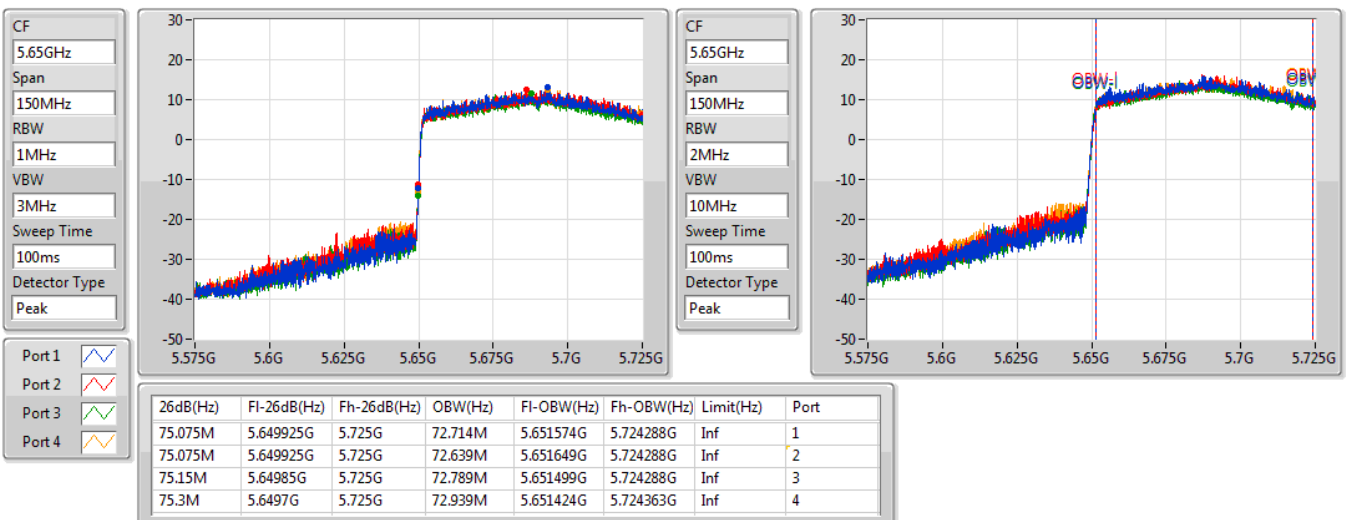


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5610MHz

15/09/2021


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

15/09/2021

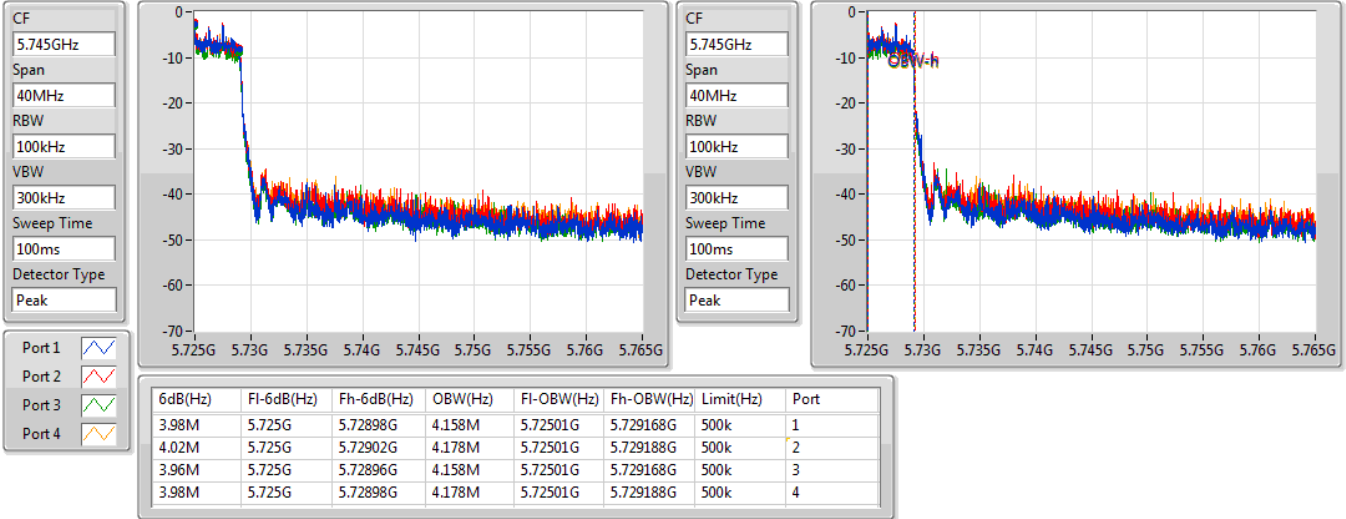


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

15/09/2021



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.47M	19.07M	19M1D1D	16.305M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	39.84M	38.021M	38M0D1D	34.755M	33.548M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	80.76M	77.361M	77M4D1D	75.15M	72.939M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.46M	4.698M	4M70D1D	4.38M	4.638M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.98M	4.138M	4M14D1D	3.94M	4.098M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.06M	4.138M	4M14D1D	3.8M	4.118M

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

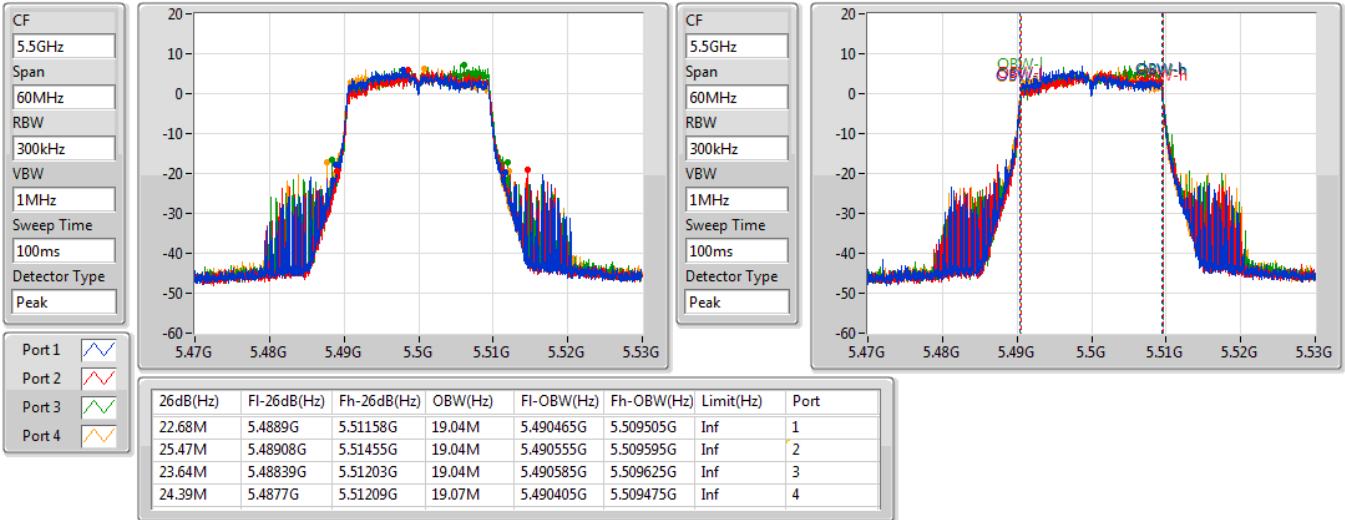
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	22.68M	19.04M	25.47M	19.04M	23.64M	19.04M	24.39M	19.07M
5580MHz	Pass	Inf	23.37M	18.921M	21.69M	18.891M	21.51M	18.891M	21.99M	18.891M
5700MHz	Pass	Inf	25.44M	19.07M	21.96M	19.01M	22.17M	18.981M	23.7M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.335M	14.543M	16.905M	14.483M	16.305M	14.543M	16.47M	14.558M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.46M	4.678M	4.44M	4.658M	4.38M	4.638M	4.44M	4.698M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	39.48M	37.541M	39.66M	37.601M	39.66M	37.601M	39.48M	37.601M
5550MHz	Pass	Inf	39.54M	37.601M	39.6M	37.481M	39.66M	38.021M	39.84M	37.901M
5670MHz	Pass	Inf	39.66M	37.781M	39.84M	37.901M	39.72M	37.841M	39.72M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.755M	33.583M	34.79M	33.548M	34.825M	33.548M	34.79M	33.583M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.098M	3.94M	4.118M	3.94M	4.138M	3.98M	4.138M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	80.4M	77.121M	80.76M	77.361M	80.64M	77.241M	80.28M	77.361M
5610MHz	Pass	Inf	80.64M	77.121M	80.52M	77.241M	80.4M	77.241M	80.64M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.15M	72.939M	75.3M	73.313M	75.15M	73.163M	75.45M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	4.138M	3.98M	4.118M	3.8M	4.138M	4.06M	4.118M

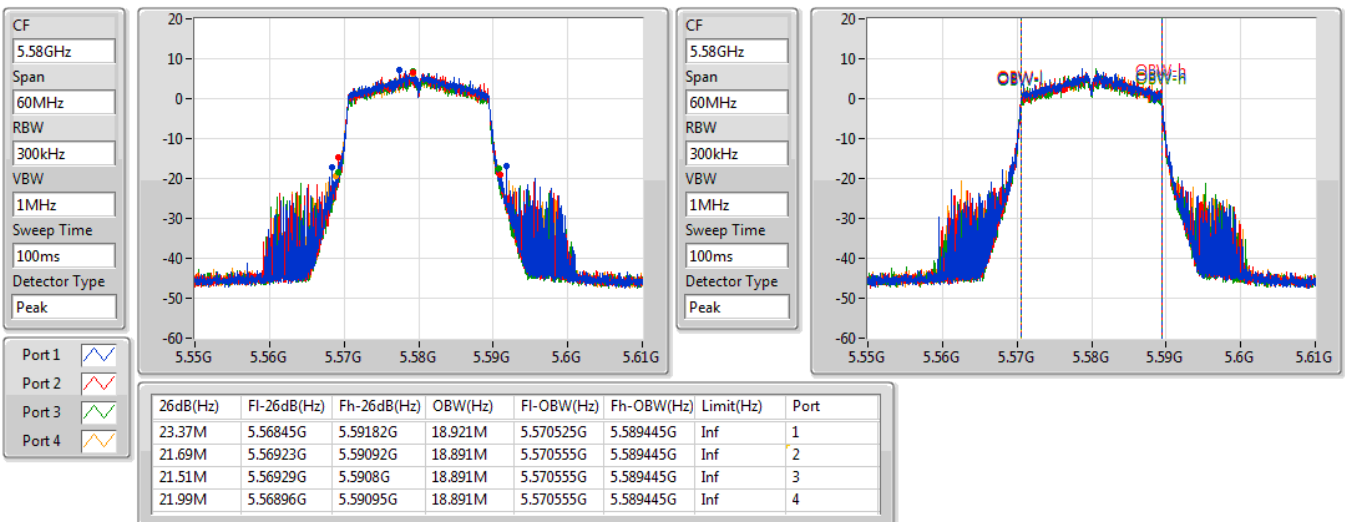
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

15/09/2021

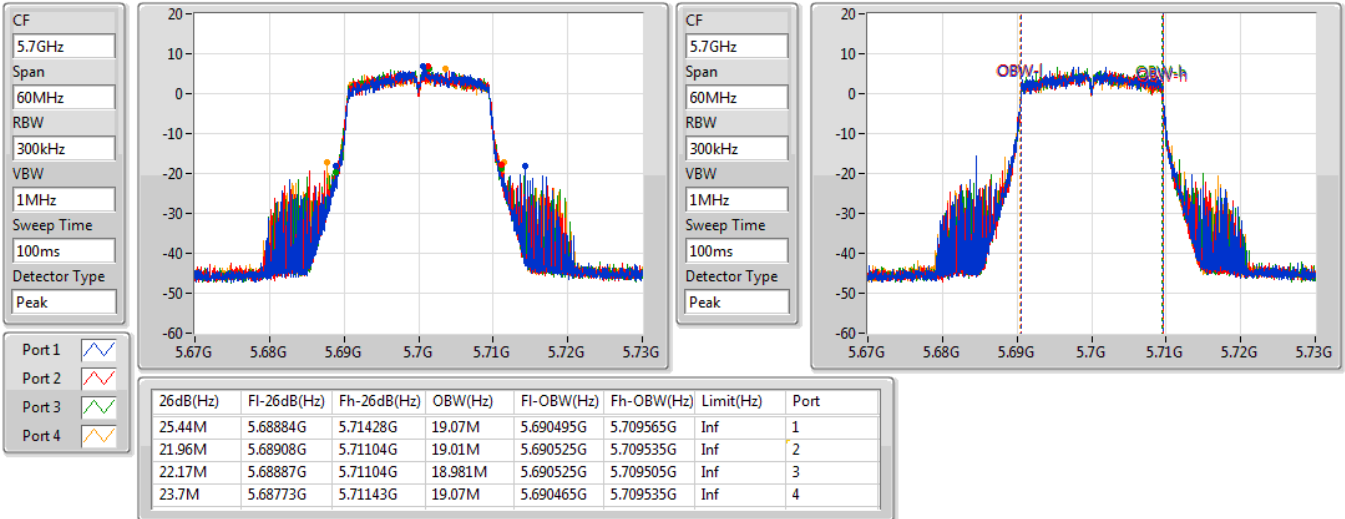

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

15/09/2021

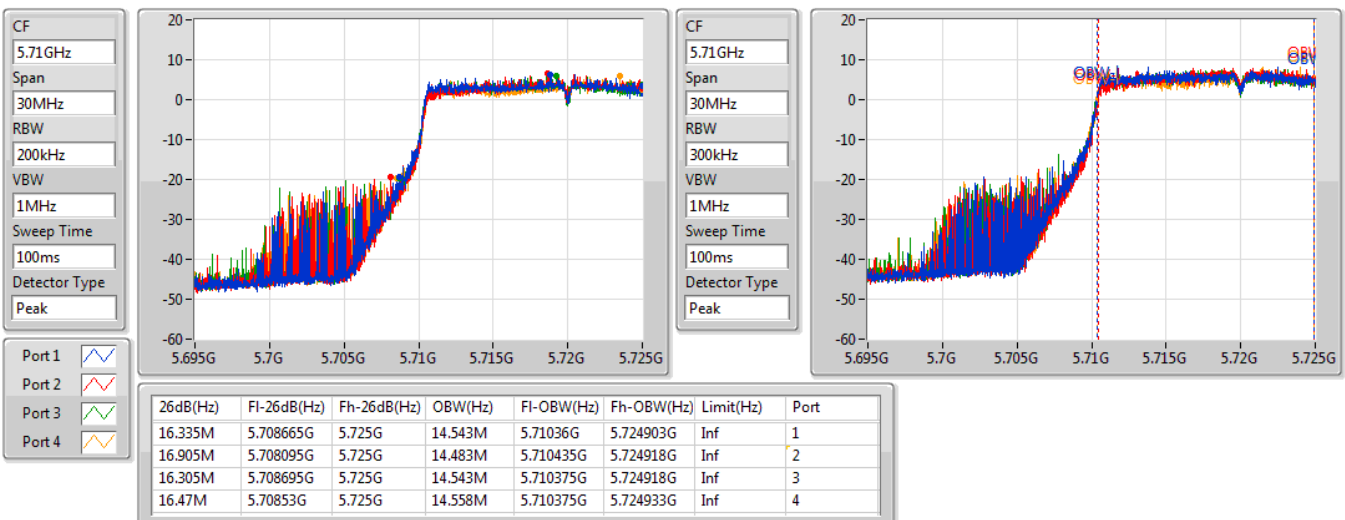


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

15/09/2021

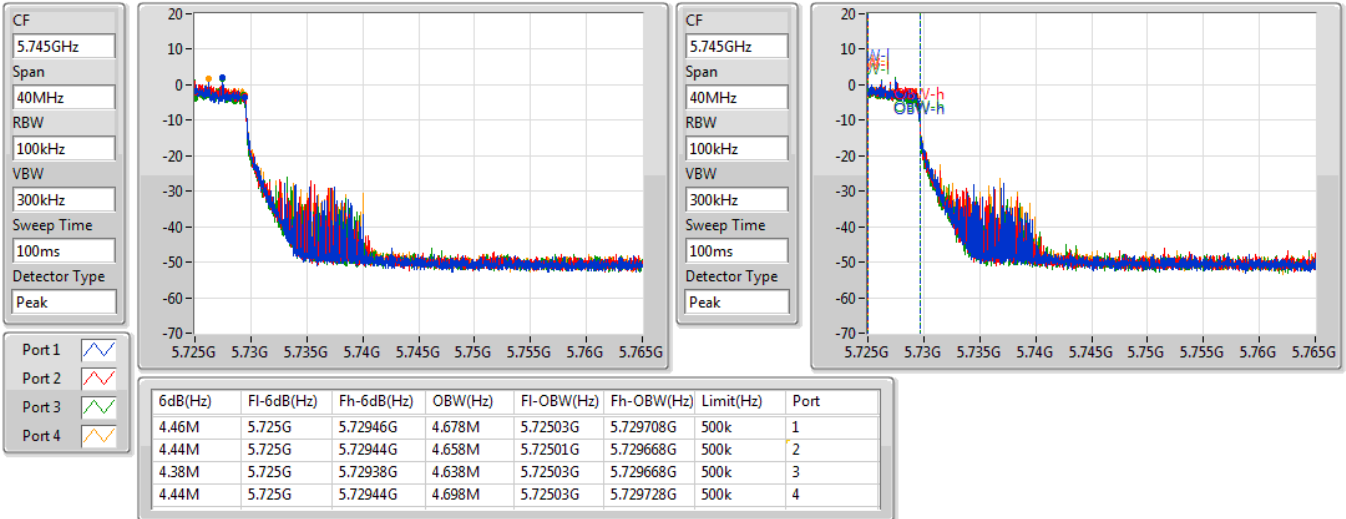

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

15/09/2021

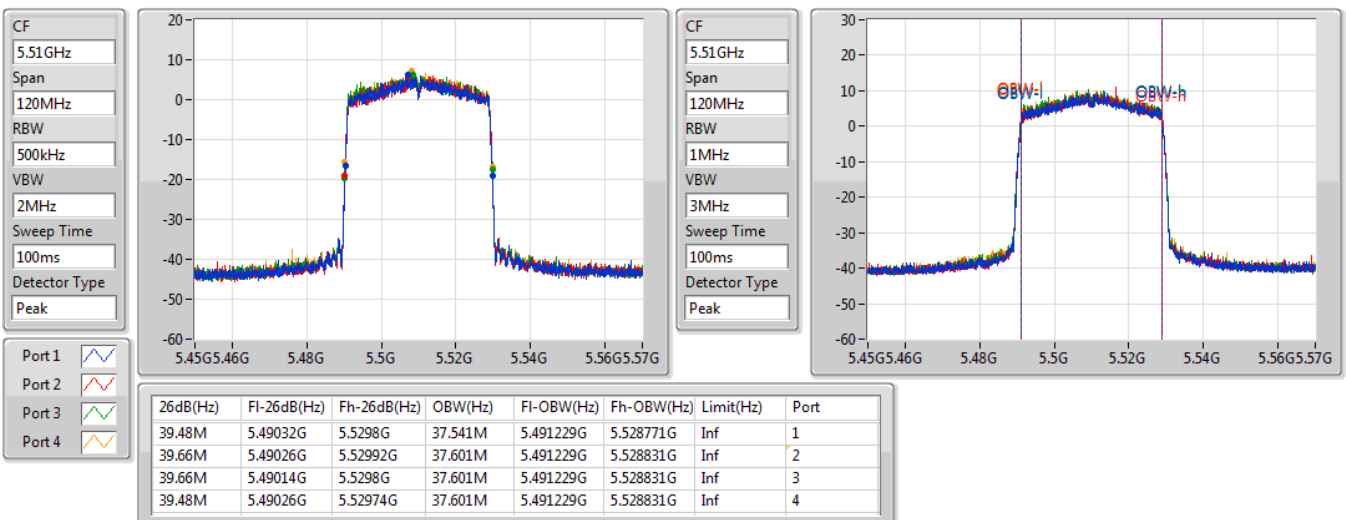


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

15/09/2021

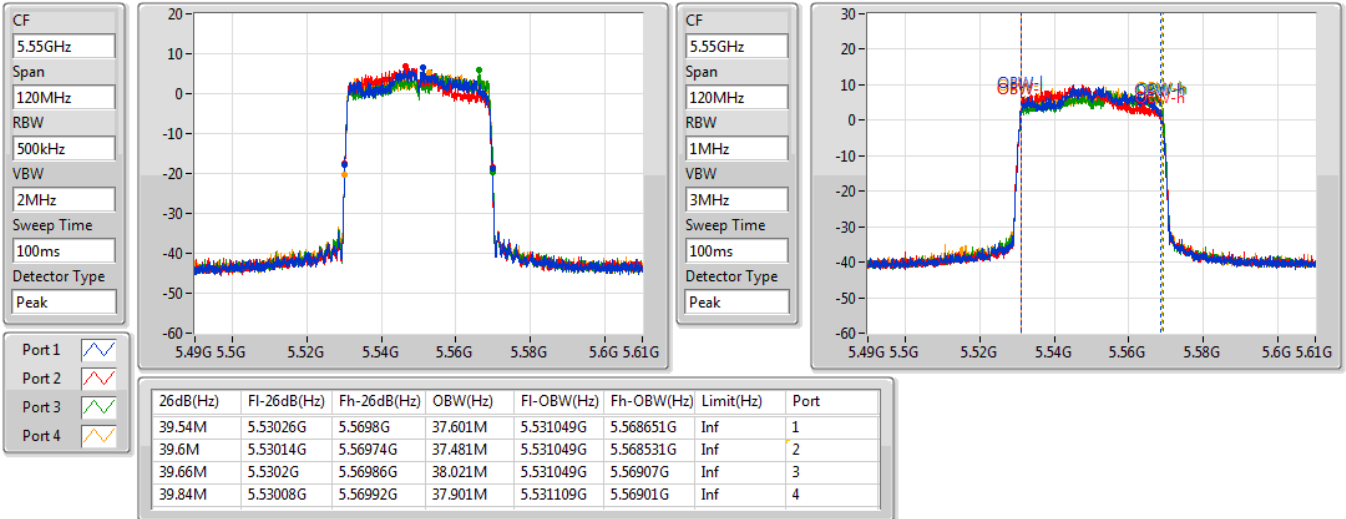

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

15/09/2021

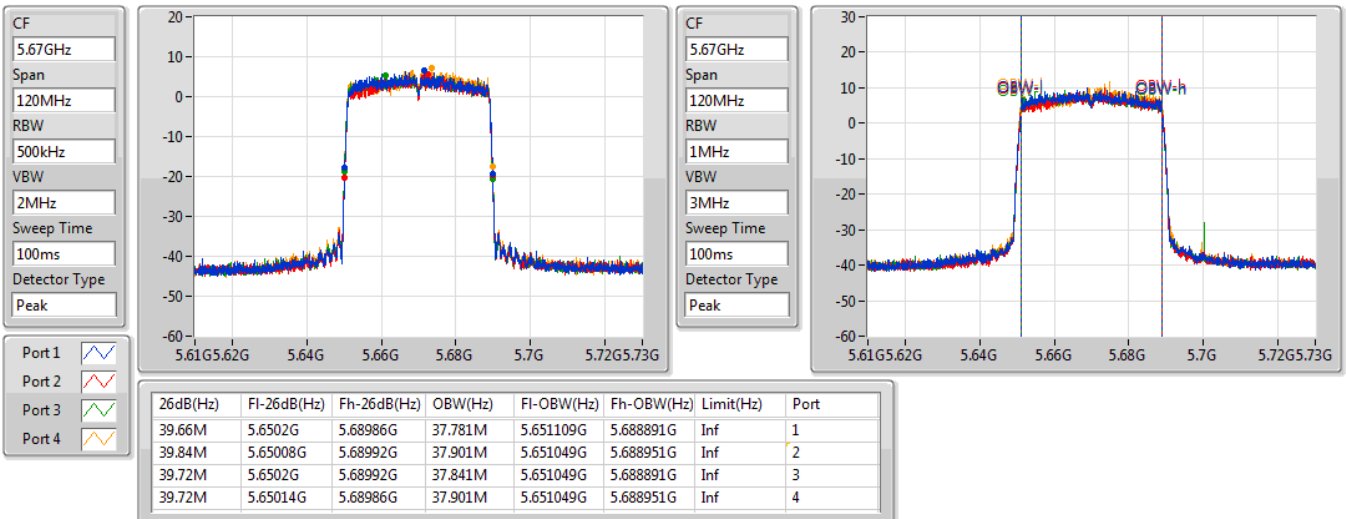


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

15/09/2021

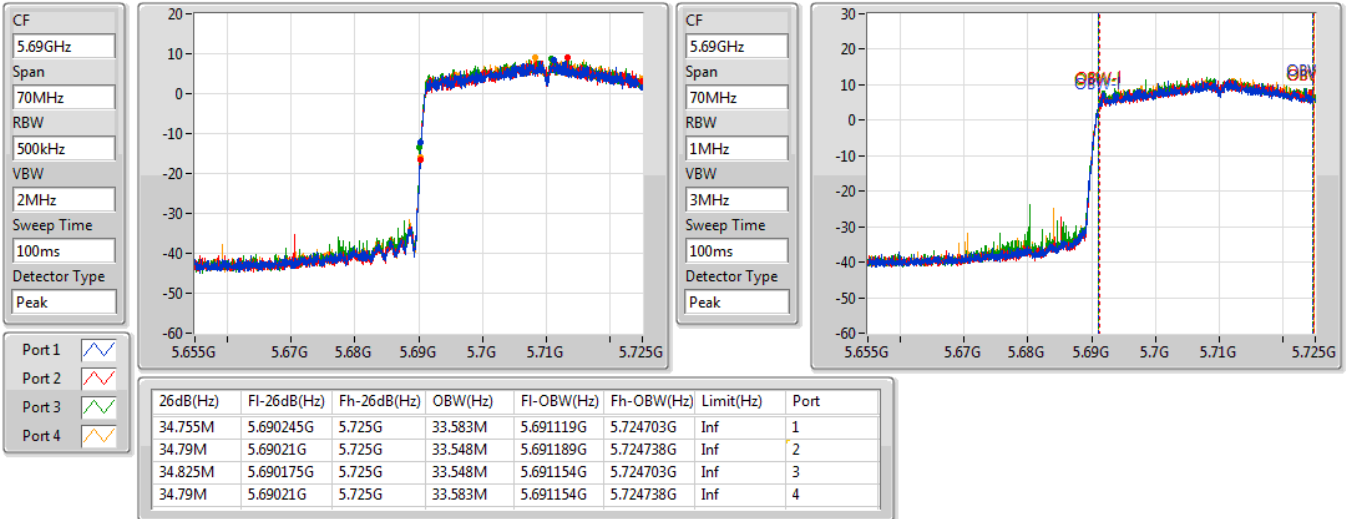

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

15/09/2021



802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

15/09/2021

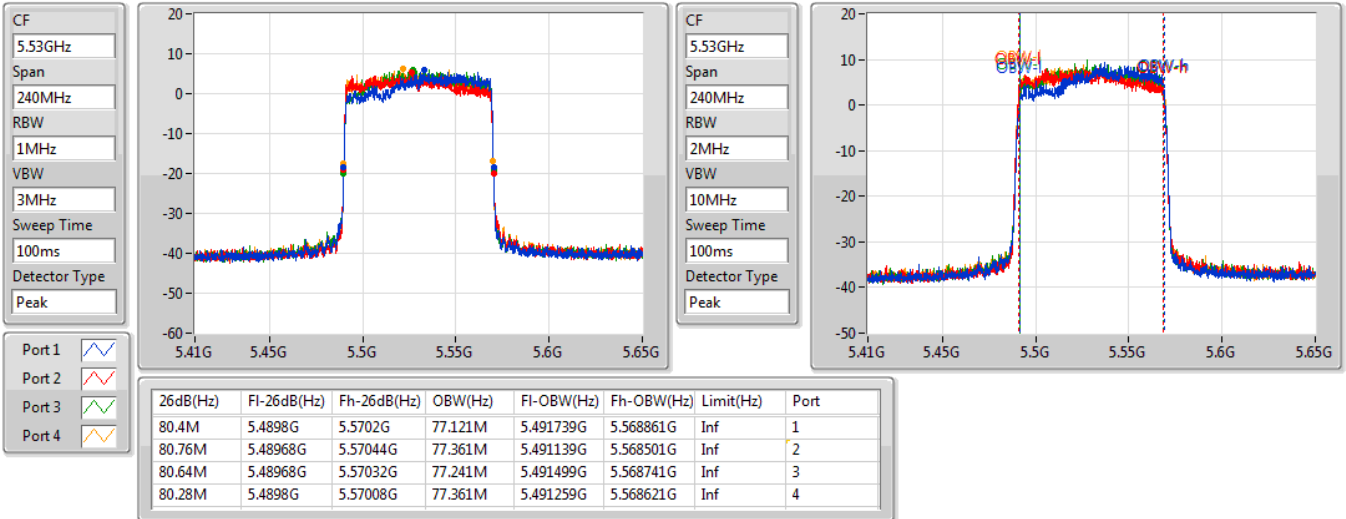

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

15/09/2021

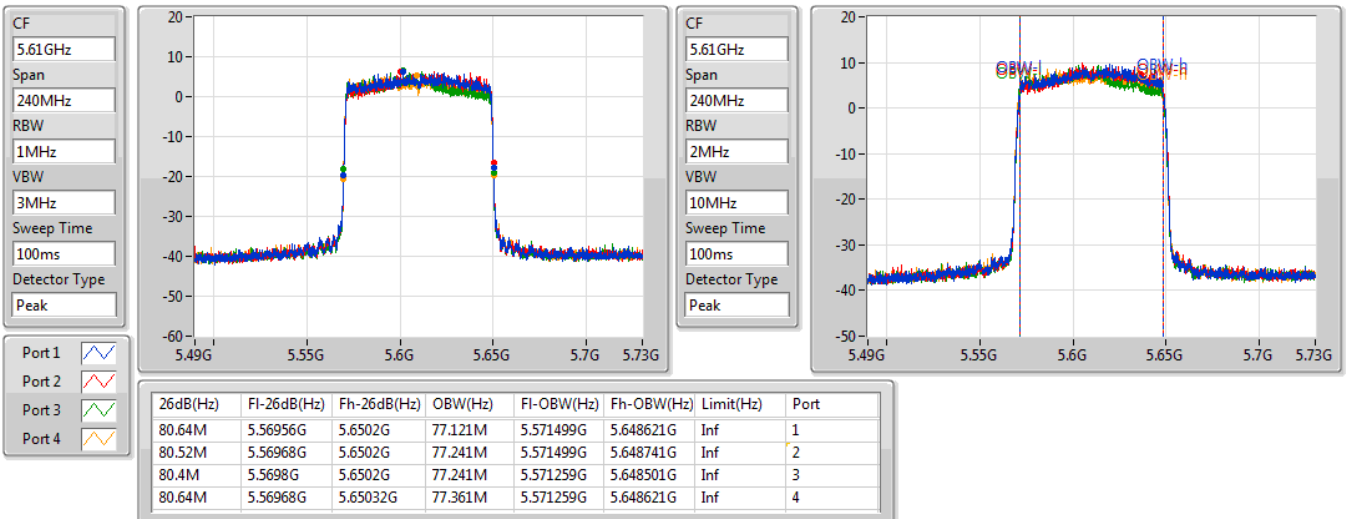


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

15/09/2021

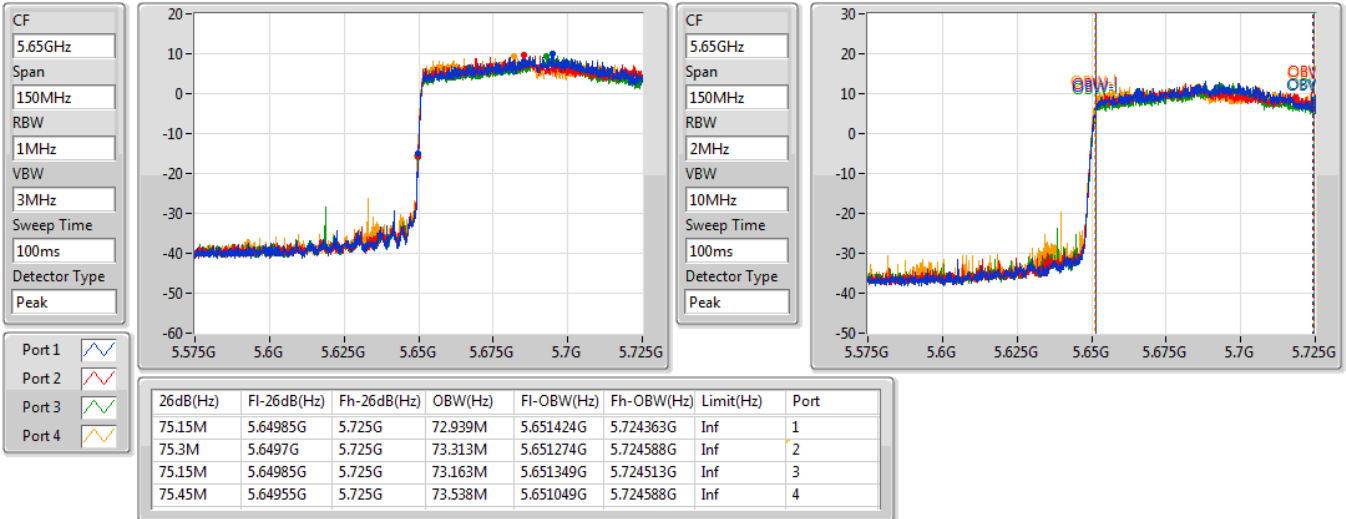

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

15/09/2021

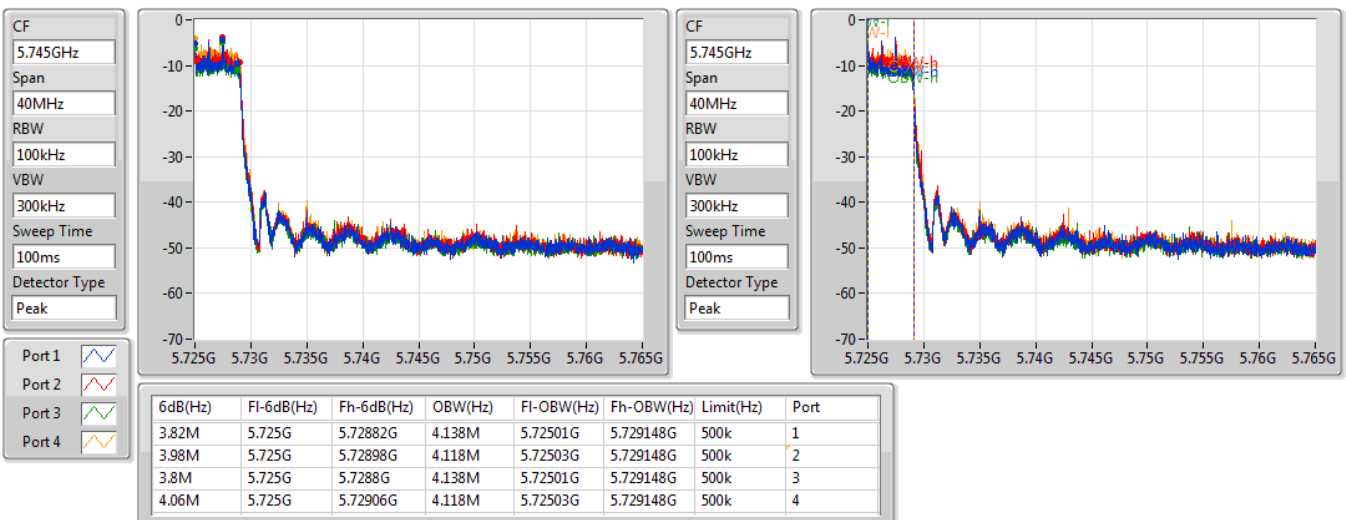


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

15/09/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

15/09/2021



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.35	0.10839	24.34	0.27164
802.11ax HEW20_Nss1,(MCS0)_4TX	21.07	0.12794	25.06	0.32063
802.11ax HEW40_Nss1,(MCS0)_4TX	23.75	0.23714	27.74	0.59429
802.11ax HEW80_Nss1,(MCS0)_4TX	23.89	0.24491	27.88	0.61376
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	9.95	0.00989	13.94	0.02477
802.11ax HEW20_Nss1,(MCS0)_4TX	11.96	0.01570	15.95	0.03936
802.11ax HEW40_Nss1,(MCS0)_4TX	10.16	0.01038	14.15	0.02600
802.11ax HEW80_Nss1,(MCS0)_4TX	7.70	0.00589	11.69	0.01476



Average Power_Non Beamforming

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	3.99	13.86	13.90	14.66	14.51	20.27	23.98	24.26	29.98
5580MHz	Pass	3.99	14.71	14.40	13.90	14.26	20.35	23.96	24.34	29.96
5700MHz	Pass	3.99	13.64	13.63	14.48	14.31	20.05	23.95	24.04	29.95
5720MHz Straddle 5.47-5.725GHz	Pass	3.99	11.80	11.90	12.46	12.49	18.19	22.68	22.18	28.68
5720MHz Straddle 5.725-5.85GHz	Pass	3.99	3.68	3.74	4.01	4.26	9.95	30.00	13.94	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	3.99	14.68	14.85	15.47	15.15	21.07	23.98	25.06	30.00
5580MHz	Pass	3.99	15.15	14.97	14.39	14.65	20.82	23.98	24.81	30.00
5700MHz	Pass	3.99	14.52	14.52	15.34	15.05	20.89	23.98	24.88	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.99	12.48	12.69	13.06	13.04	18.84	23.14	22.83	29.14
5720MHz Straddle 5.725-5.85GHz	Pass	3.99	5.62	5.86	6.06	6.18	11.96	30.00	15.95	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	3.99	17.56	17.97	17.85	17.51	23.75	23.98	27.74	30.00
5550MHz	Pass	3.99	17.69	17.86	17.19	17.36	23.55	23.98	27.54	30.00
5670MHz	Pass	3.99	17.44	17.29	17.02	17.47	23.33	23.98	27.32	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.99	15.73	16.00	16.23	15.94	22.00	23.98	25.99	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.99	3.90	4.26	4.24	4.15	10.16	30.00	14.15	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	3.99	17.79	18.29	17.80	17.56	23.89	23.98	27.88	30.00
5610MHz	Pass	3.99	17.96	18.13	16.98	17.24	23.62	23.98	27.61	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.99	17.65	17.67	16.94	17.49	23.47	23.98	27.46	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.99	1.83	2.11	0.91	1.77	7.70	30.00	11.69	36.00

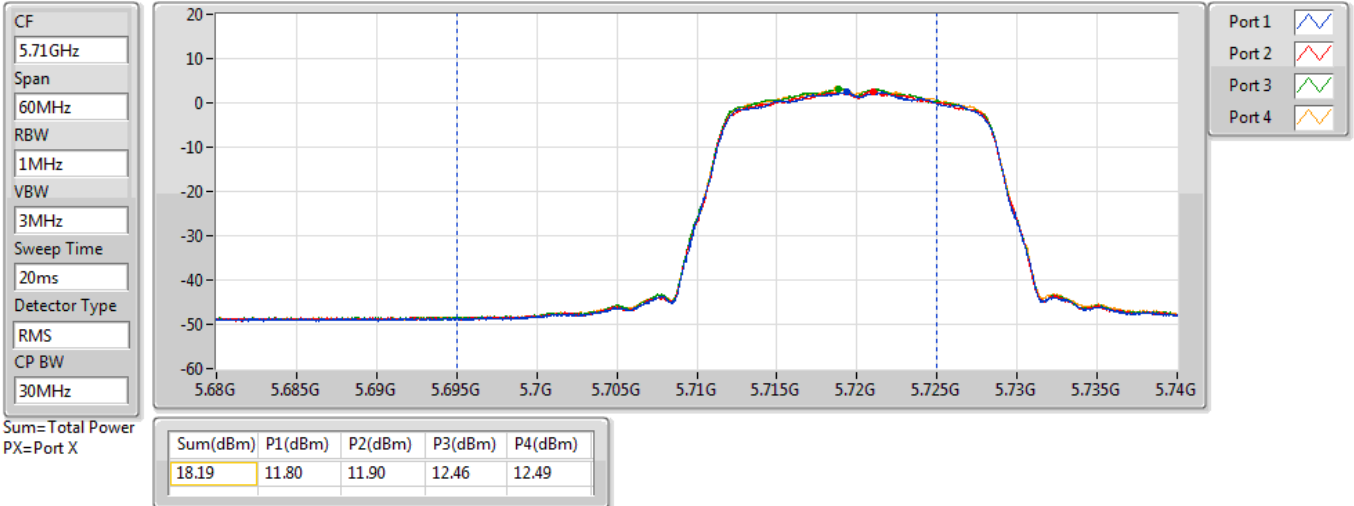
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

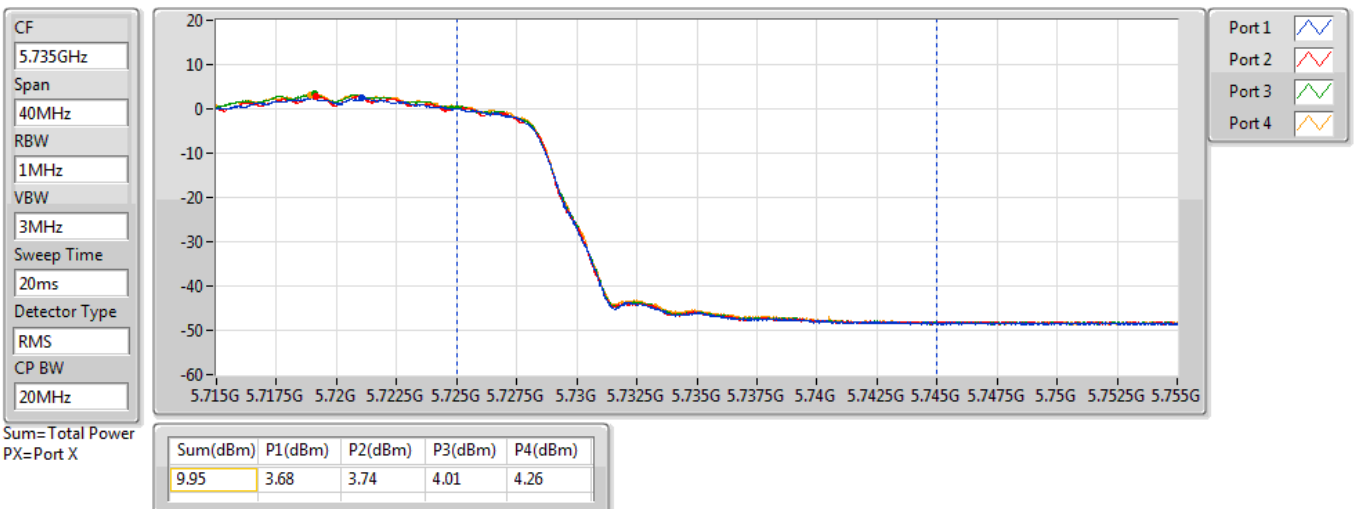


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021

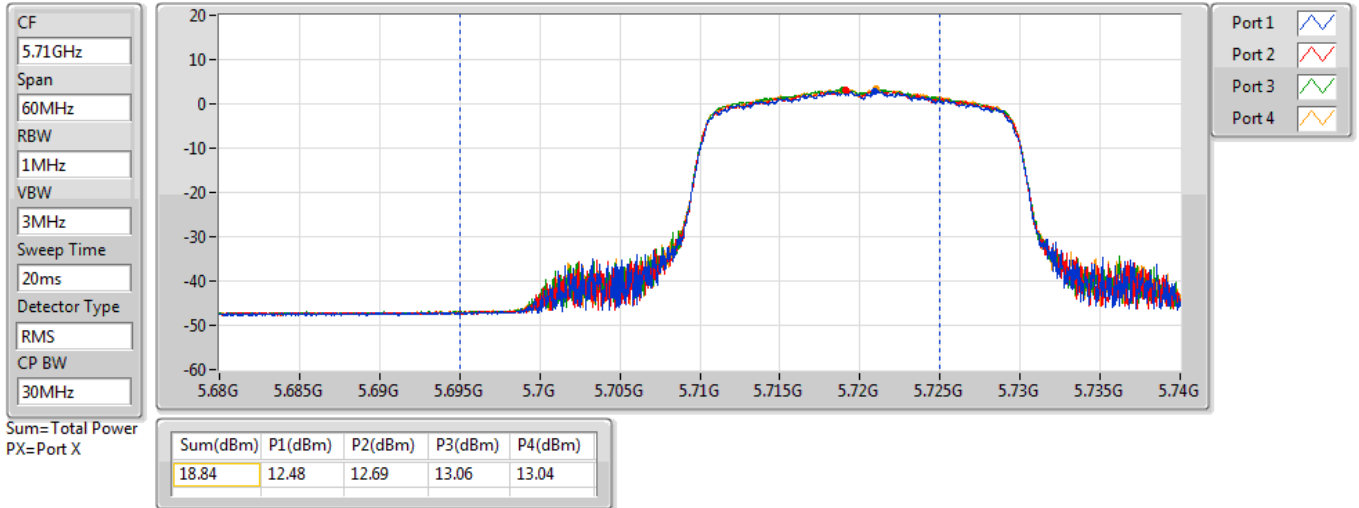


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

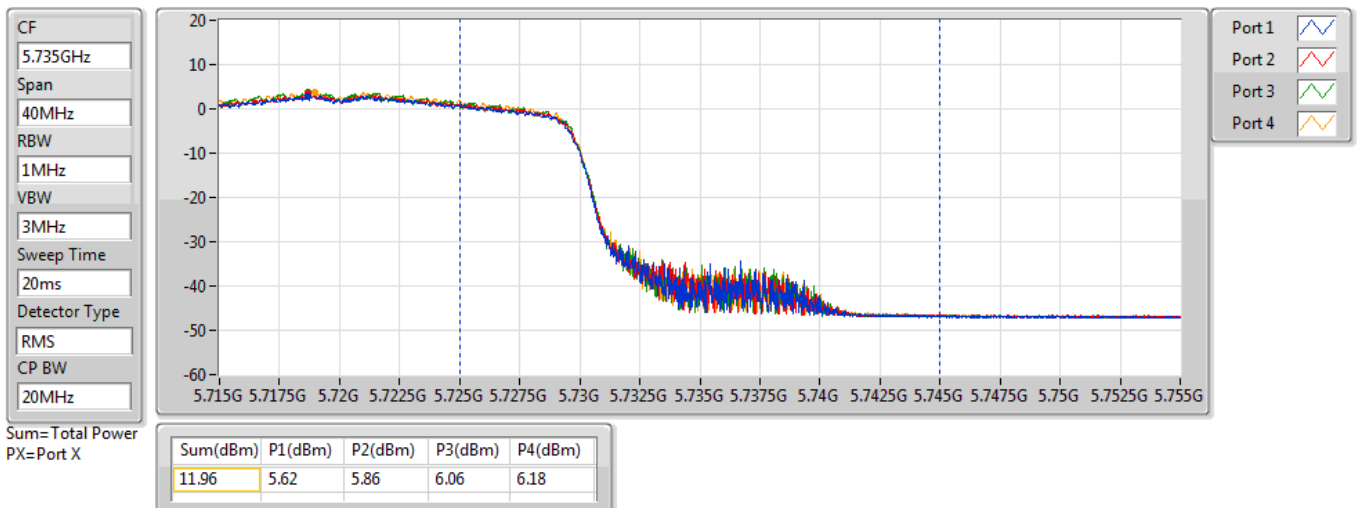


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021



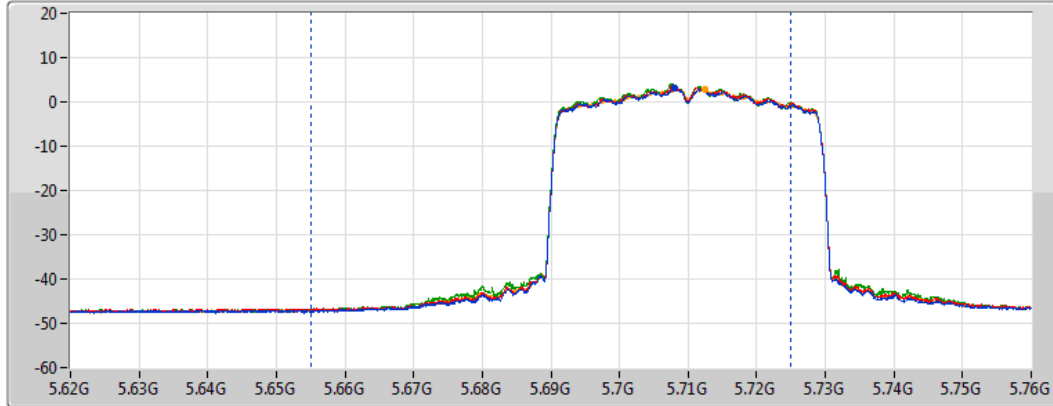
802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.00	15.73	16.00	16.23	15.94

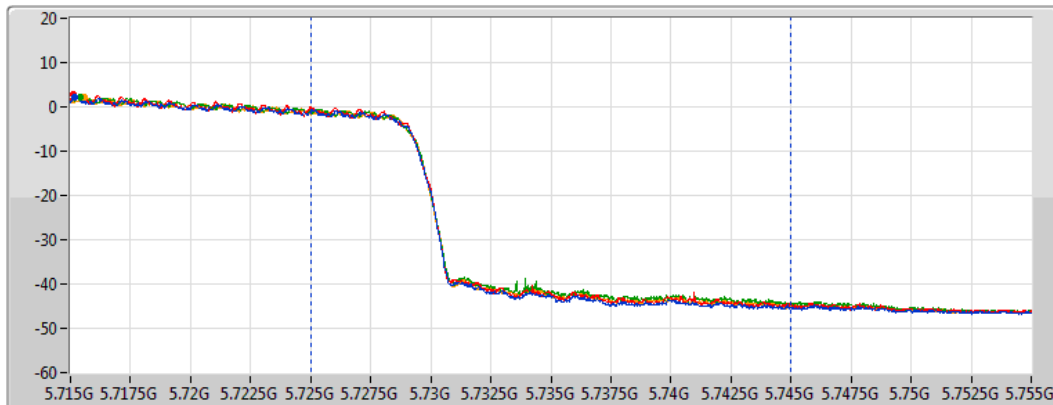
802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

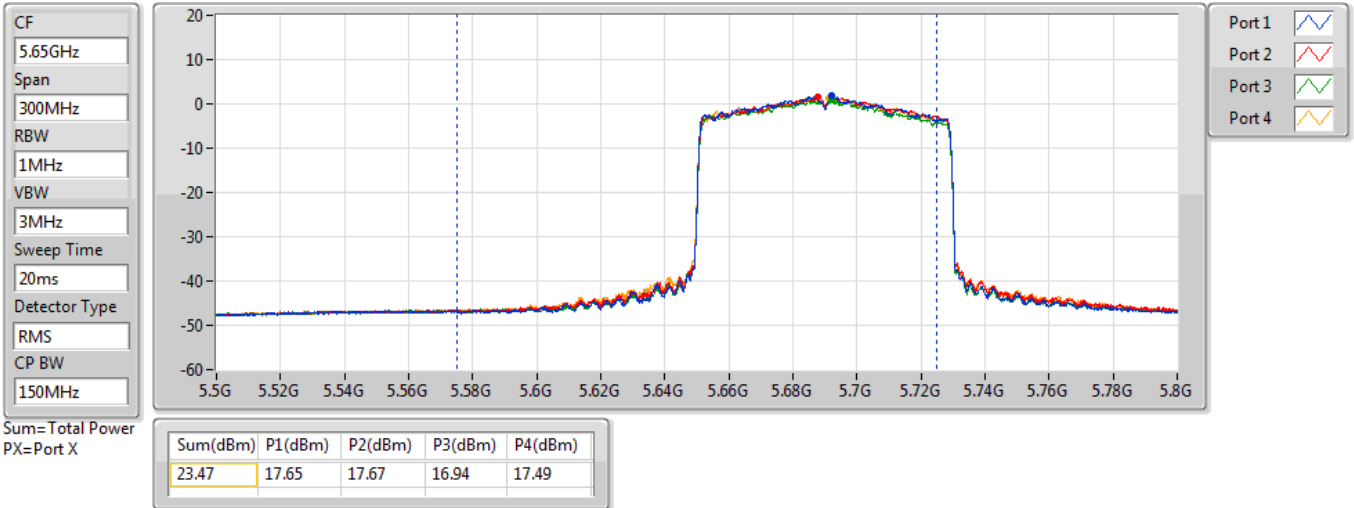
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.16	3.90	4.26	4.24	4.15

802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

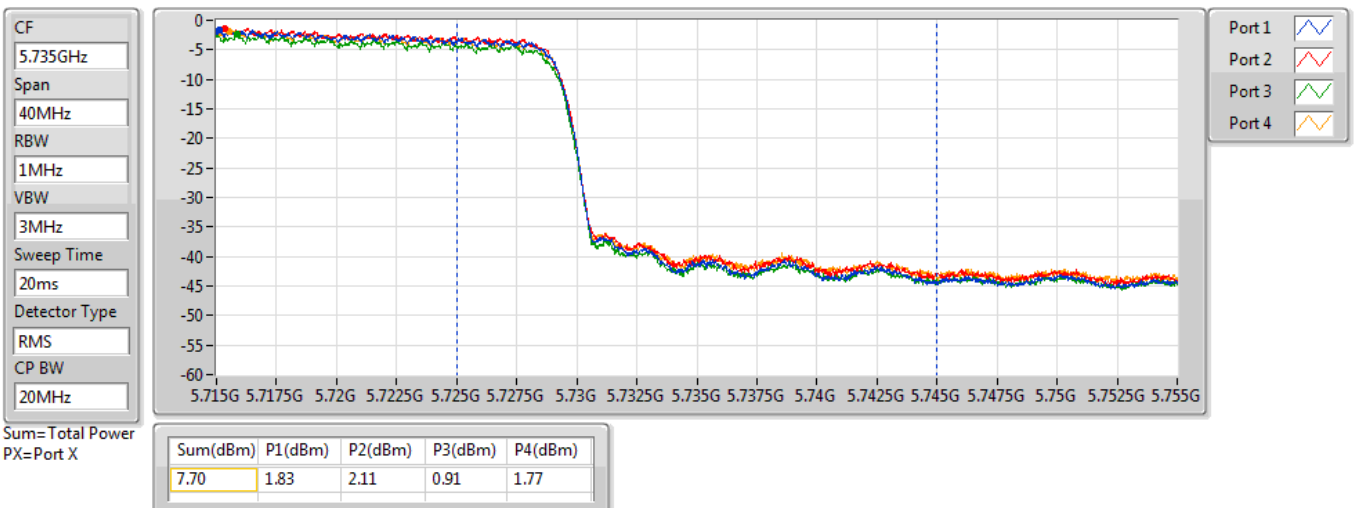


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.34	0.10814	29.47	0.88512
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.33	0.10789	29.46	0.88308
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.36	0.10864	29.49	0.88920
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.34	0.02158	22.47	0.17660
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.27	0.00671	17.40	0.05495
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.24	0.00334	14.37	0.02735

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	9.13	14.18	13.93	14.71	14.41	20.34	20.85	29.47	30.00
5580MHz	Pass	9.13	14.34	14.09	13.68	14.11	20.08	20.85	29.21	30.00
5700MHz	Pass	9.13	13.96	14.05	14.21	13.87	20.04	20.85	29.17	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.13	13.48	13.64	13.44	13.14	19.45	19.99	28.58	29.12
5720MHz Straddle 5.725-5.85GHz	Pass	9.13	7.08	7.61	6.89	7.66	13.34	26.87	22.47	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	9.13	13.79	13.85	14.38	14.28	20.10	20.85	29.23	30.00
5550MHz	Pass	9.13	13.98	13.97	13.41	14.09	19.89	20.85	29.02	30.00
5670MHz	Pass	9.13	14.42	13.96	14.18	14.66	20.33	20.85	29.46	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.13	13.80	13.86	14.30	14.29	20.09	20.85	29.22	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.13	1.97	2.19	2.34	2.50	8.27	26.87	17.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	9.13	13.71	13.70	14.36	14.12	20.00	20.85	29.13	30.00
5610MHz	Pass	9.13	14.54	14.47	13.83	13.97	20.23	20.85	29.36	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.13	14.57	14.32	13.90	14.52	20.36	20.85	29.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.13	-1.63	-0.07	-1.87	0.09	5.24	26.87	14.37	36.00

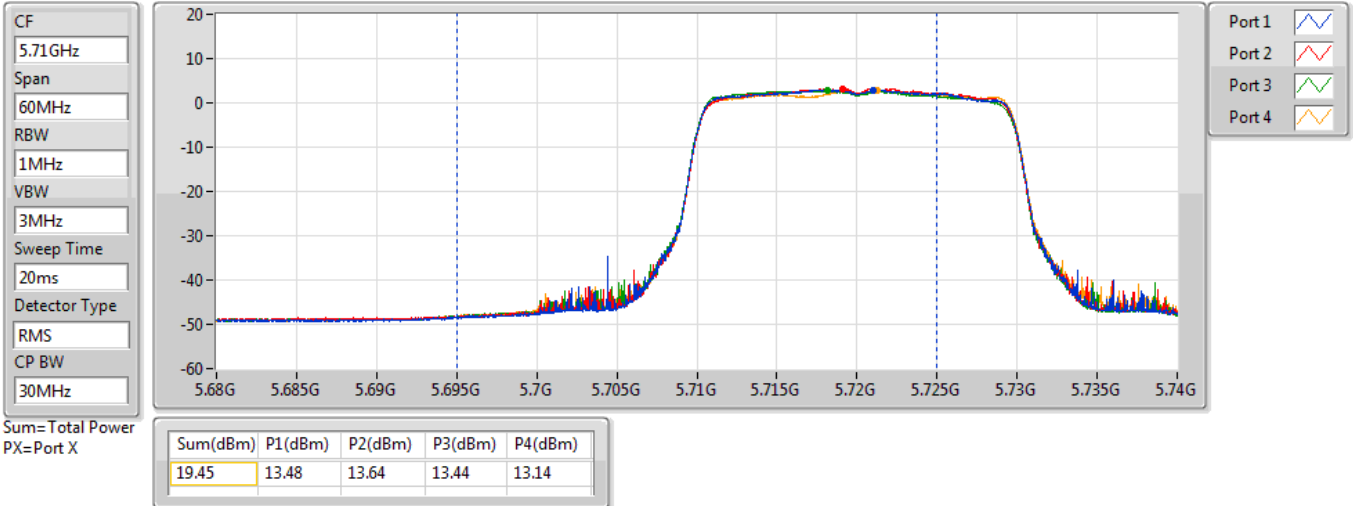
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

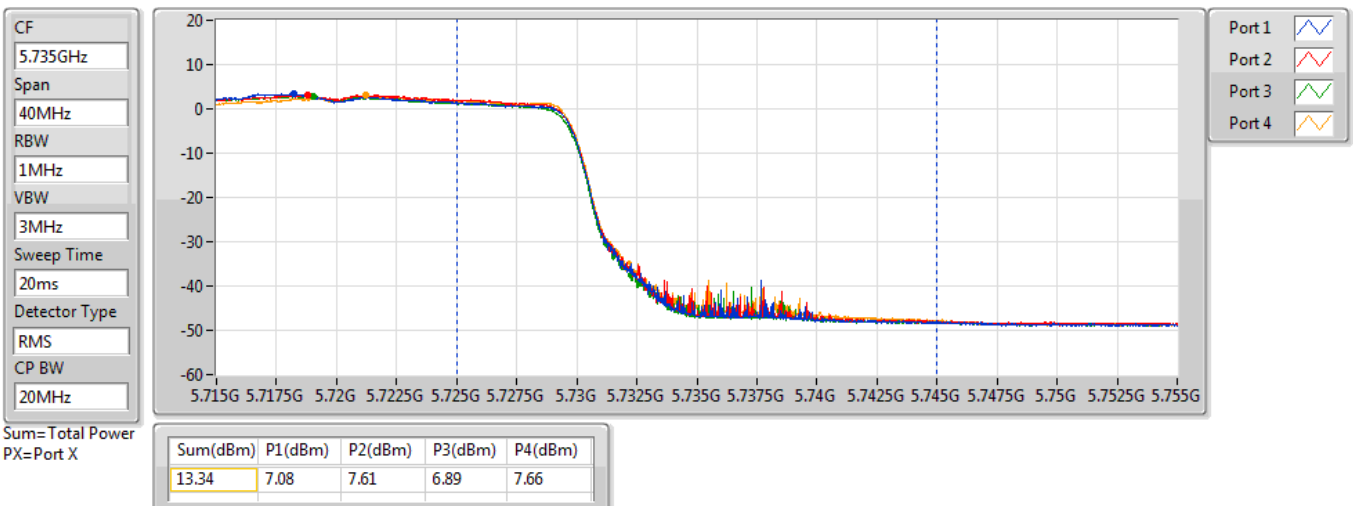


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021



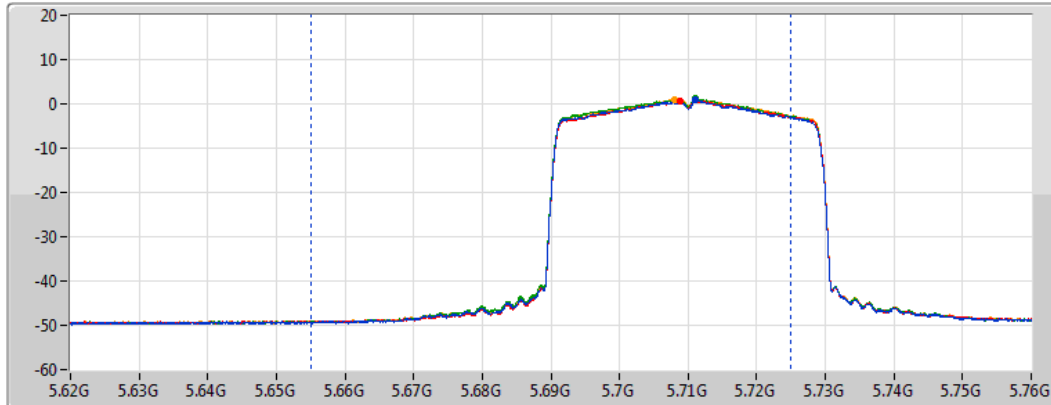
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.09	13.80	13.86	14.30	14.29

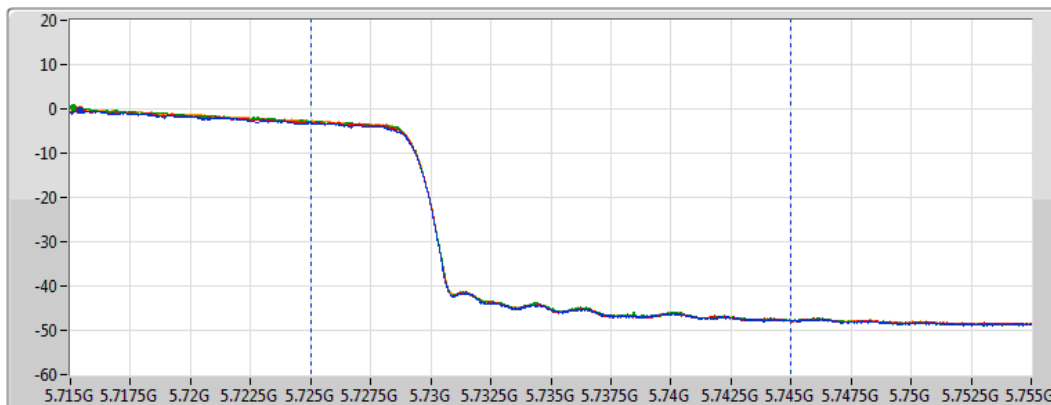
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021

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



Port 1
Port 2
Port 3
Port 4

Sum= Total Power
PX=Port X

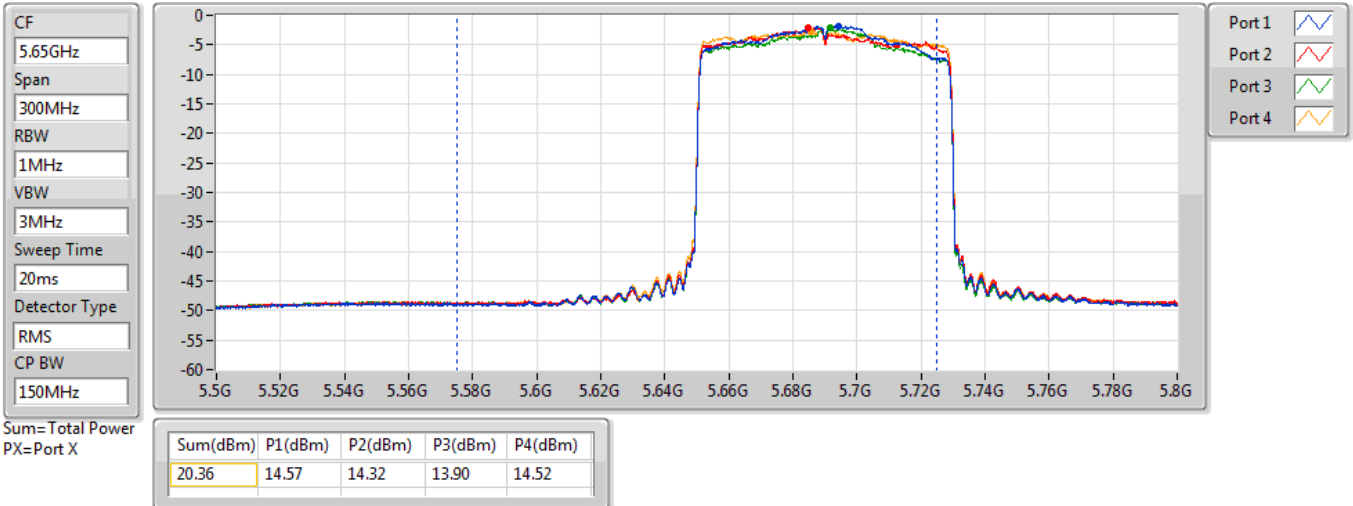
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.27	1.97	2.19	2.34	2.50

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

15/09/2021

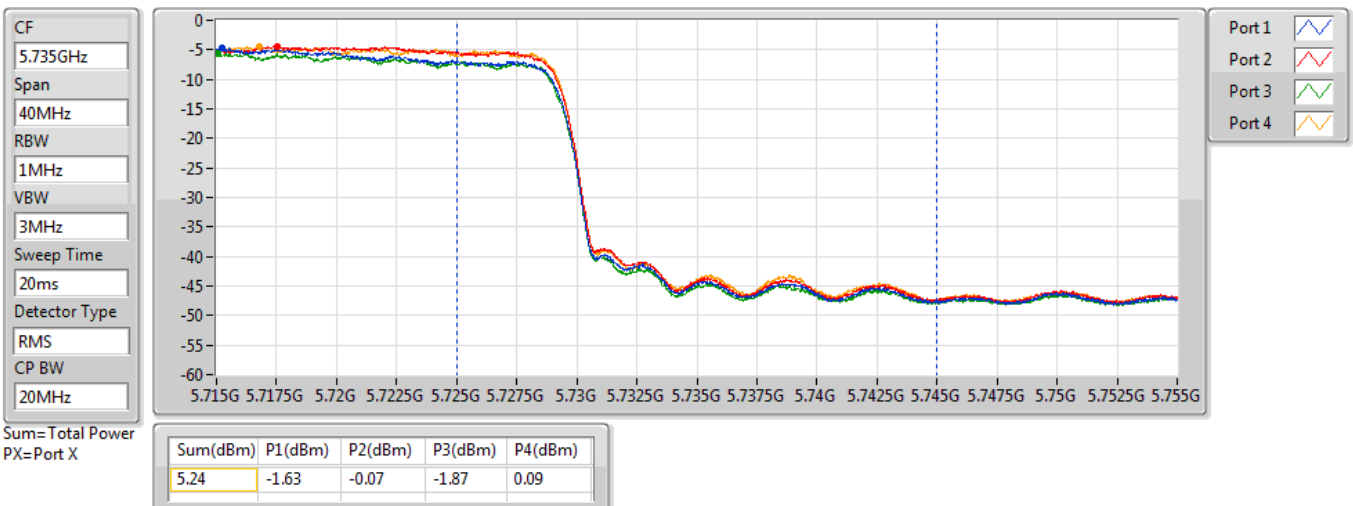


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

15/09/2021





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.81	16.94
802.11ax HEW20_Nss1,(MCS0)_4TX	7.82	16.95
802.11ax HEW40_Nss1,(MCS0)_4TX	7.71	16.84
802.11ax HEW80_Nss1,(MCS0)_4TX	5.61	14.74
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	3.29	12.42
802.11ax HEW20_Nss1,(MCS0)_4TX	4.06	13.19
802.11ax HEW40_Nss1,(MCS0)_4TX	2.18	11.31
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.56	8.57

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	9.13	0.89	1.18	1.83	1.77	7.37	7.87	16.50	17.00
5580MHz	Pass	9.13	2.10	1.73	1.26	1.59	7.53	7.87	16.66	17.00
5700MHz	Pass	9.13	1.60	1.58	2.40	2.20	7.81	7.87	16.94	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.13	1.26	1.32	1.82	1.94	7.50	7.87	16.63	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.13	-3.05	-2.99	-2.60	-2.34	3.29	26.87	12.42	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	9.13	1.49	1.91	2.67	2.33	7.81	7.87	16.94	17.00
5580MHz	Pass	9.13	2.07	1.67	1.18	1.63	7.43	7.87	16.56	17.00
5700MHz	Pass	9.13	1.27	1.45	2.17	1.88	7.49	7.87	16.62	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.13	1.51	1.95	2.14	2.16	7.82	7.87	16.95	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.13	-2.35	-1.61	-1.63	-1.64	4.06	26.87	13.19	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	9.13	1.29	2.26	2.01	1.67	7.71	7.87	16.84	17.00
5550MHz	Pass	9.13	1.79	1.99	1.77	1.36	7.43	7.87	16.56	17.00
5670MHz	Pass	9.13	2.45	2.04	1.60	2.16	7.71	7.87	16.84	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.13	1.23	1.73	1.86	1.42	7.44	7.87	16.57	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.13	-3.76	-3.91	-3.38	-3.42	2.18	26.87	11.31	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	9.13	-1.07	-0.70	-1.16	-1.27	4.78	7.87	13.91	17.00
5610MHz	Pass	9.13	-0.82	-0.74	-1.76	-1.42	4.62	7.87	13.75	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.13	-0.01	0.04	-0.50	-0.16	5.61	7.87	14.74	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.13	-6.06	-5.82	-7.01	-6.25	-0.56	26.87	8.57	36.00

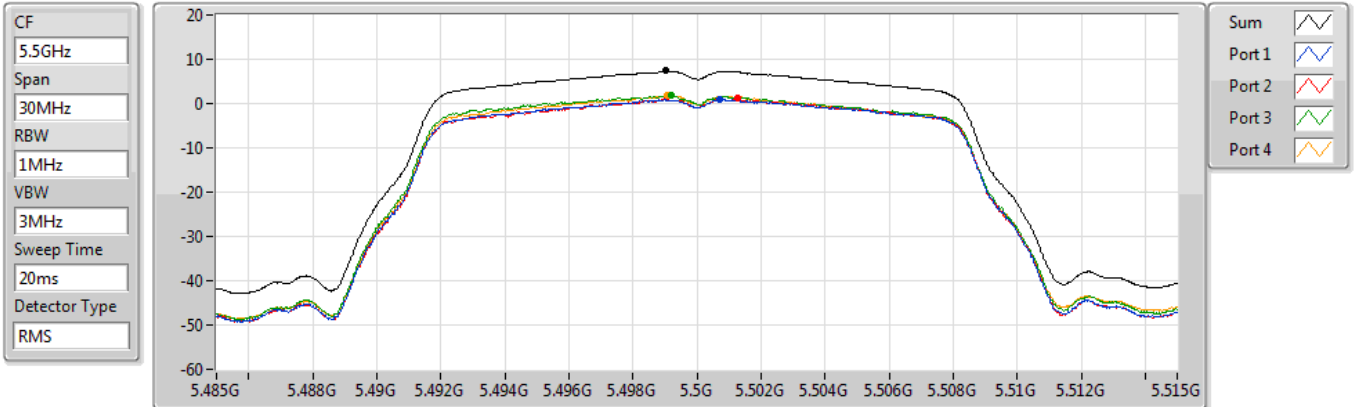
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

15/09/2021



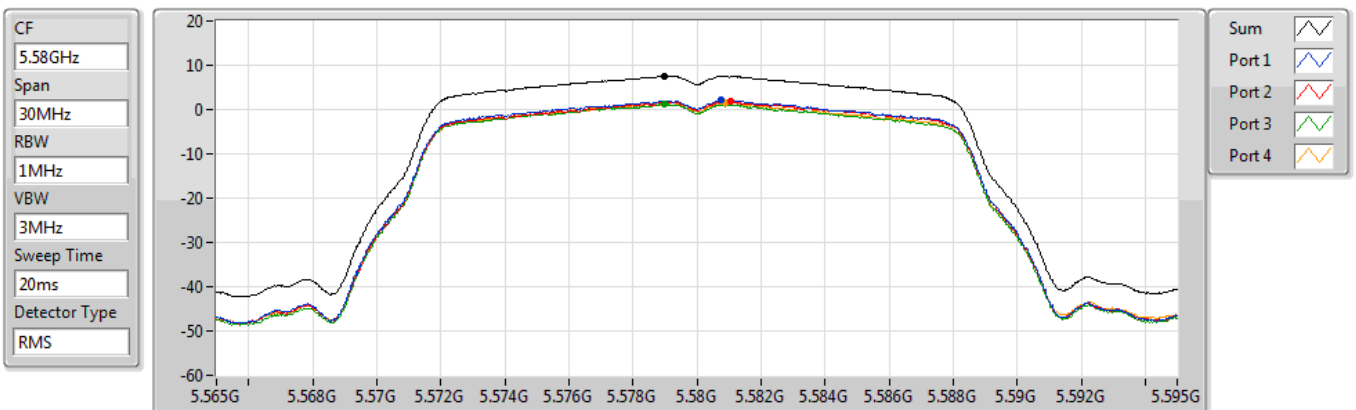
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.37	7.37	0.89	1.18	1.83	1.77

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

15/09/2021



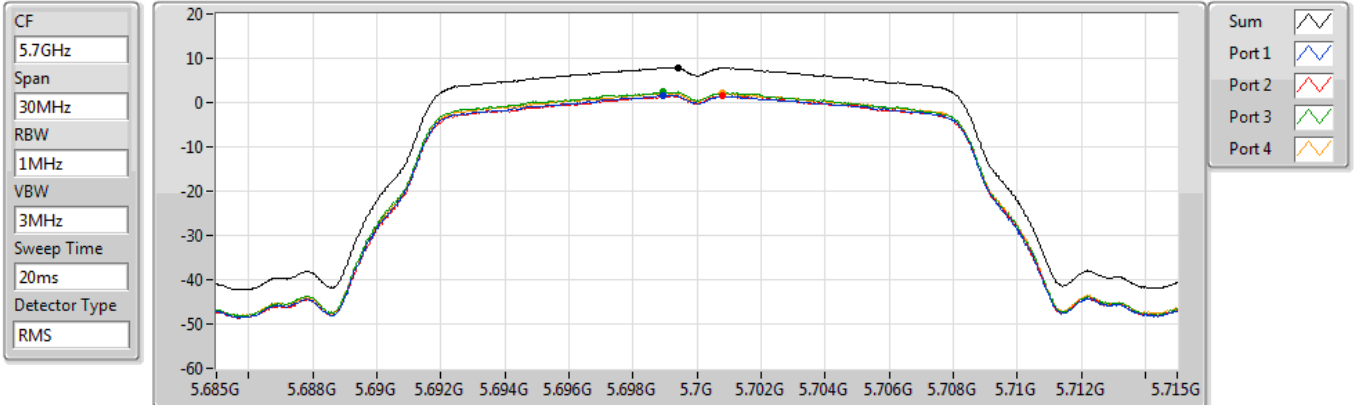
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	2.10	1.73	1.26	1.59

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

15/09/2021



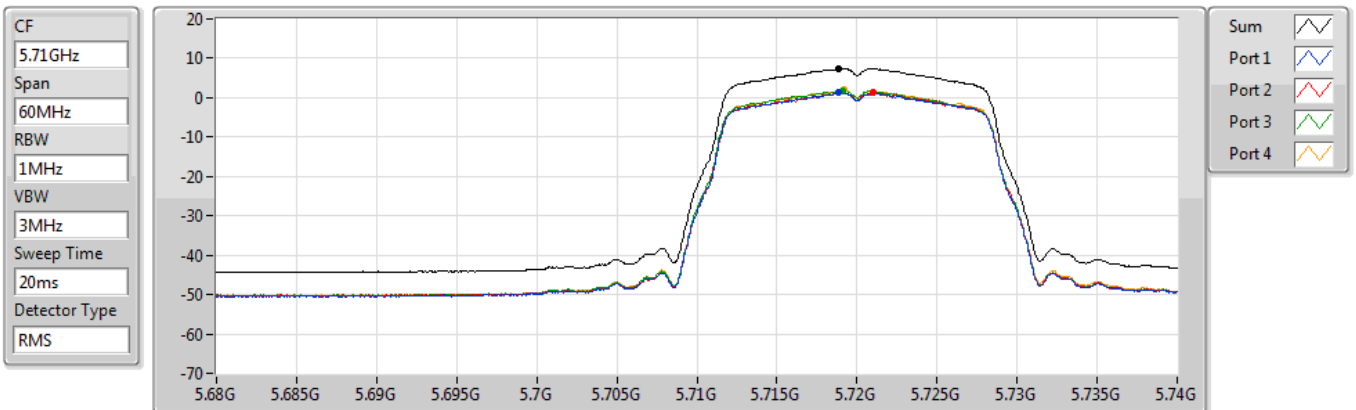
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	1.60	1.58	2.40	2.20

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/09/2021



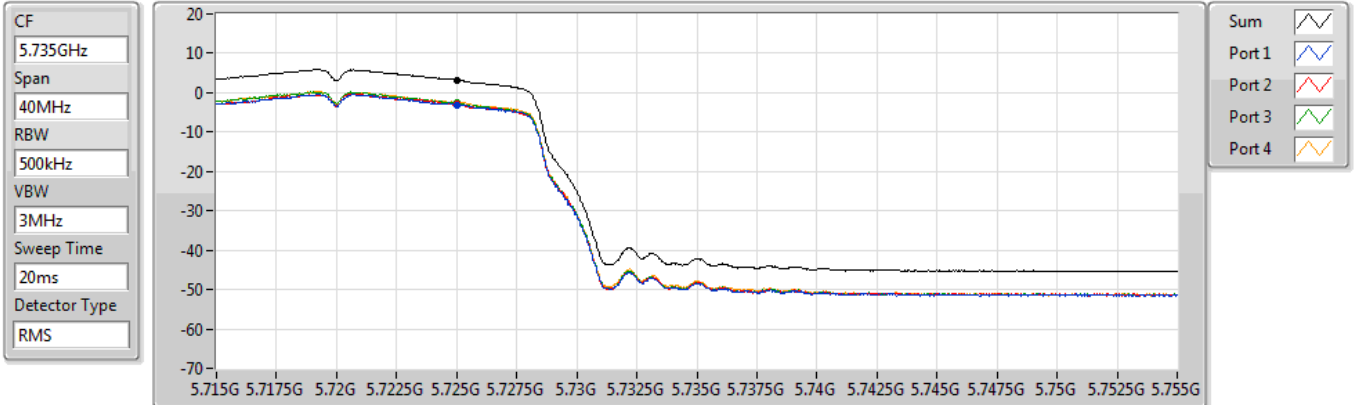
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	1.26	1.32	1.82	1.94

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

15/09/2021

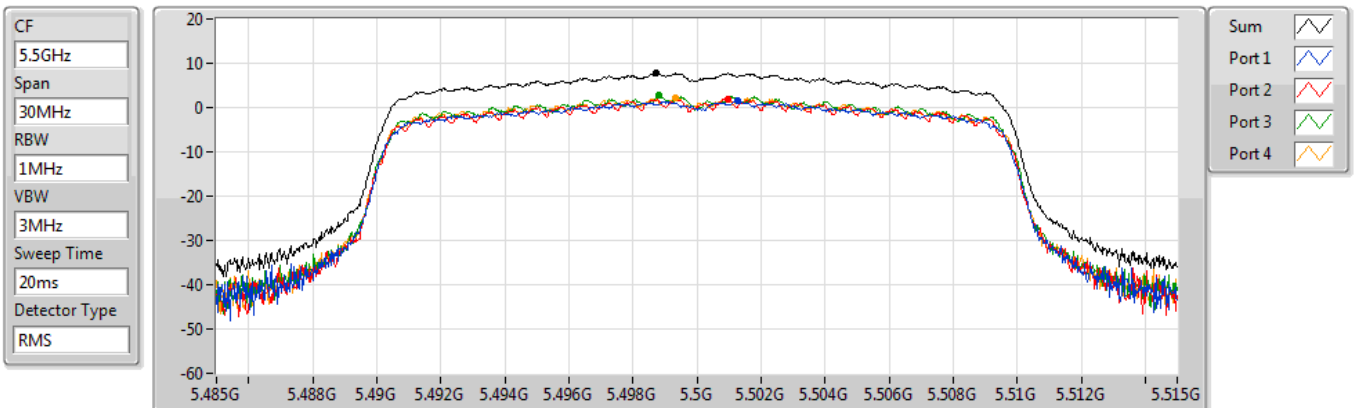


802.11ax HEW20_Nss1,(MCS0)_4TX

5500MHz

PSD

15/09/2021

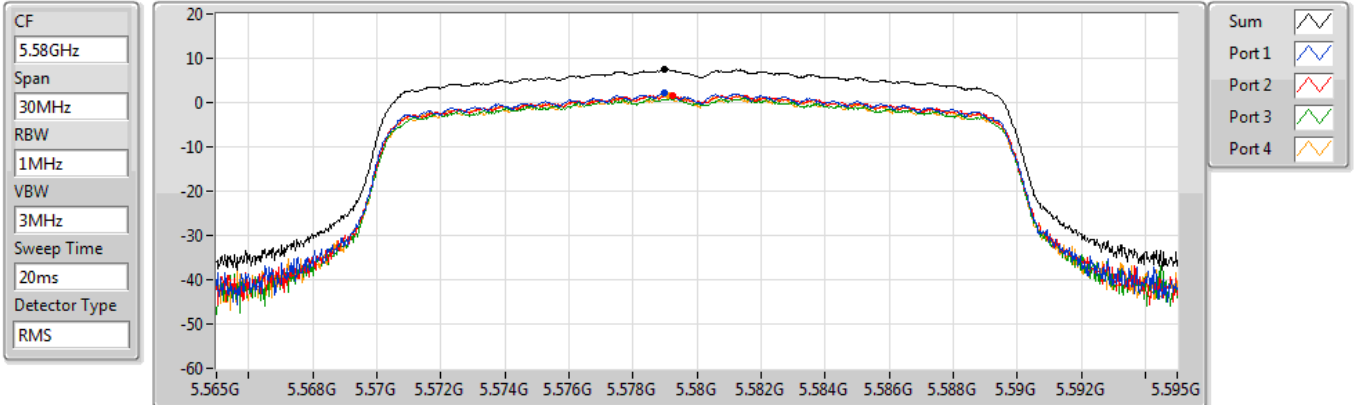


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

15/09/2021



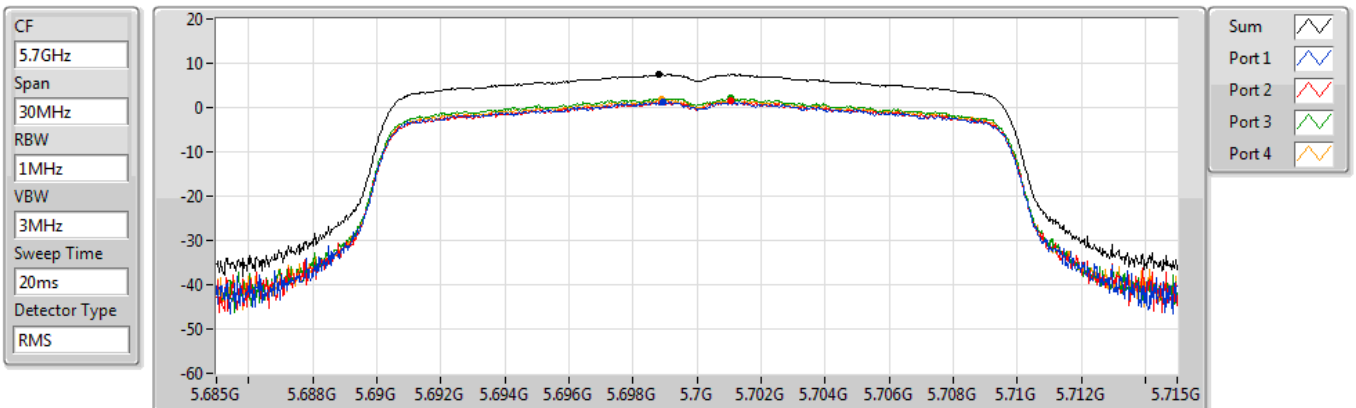
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	2.07	1.67	1.18	1.63

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

15/09/2021



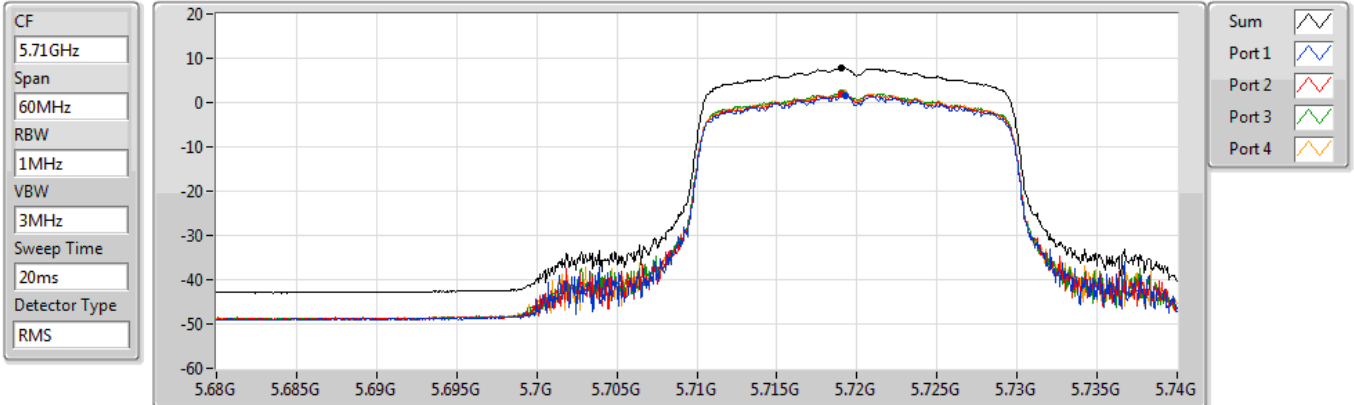
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	1.27	1.45	2.17	1.88

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

15/09/2021

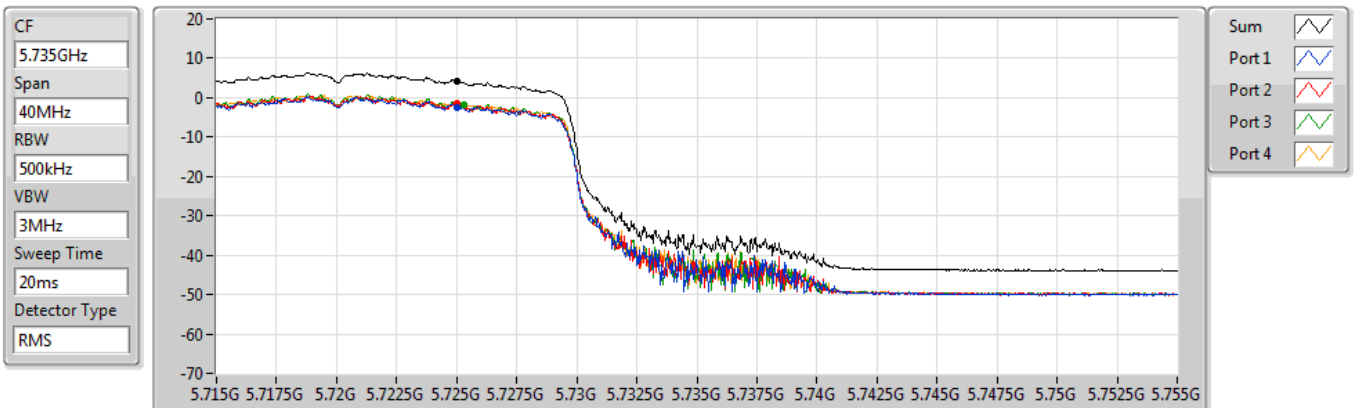


802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

15/09/2021

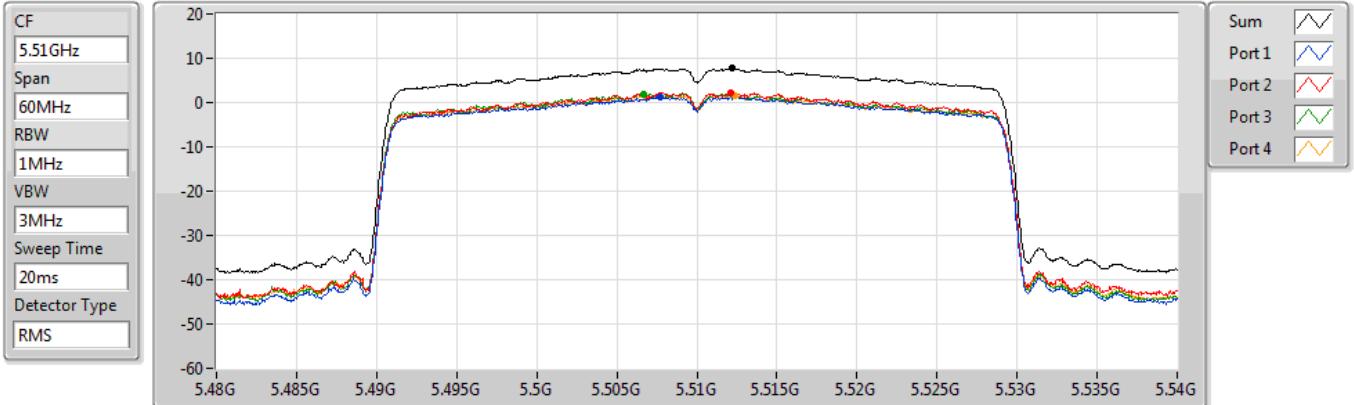


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

15/09/2021



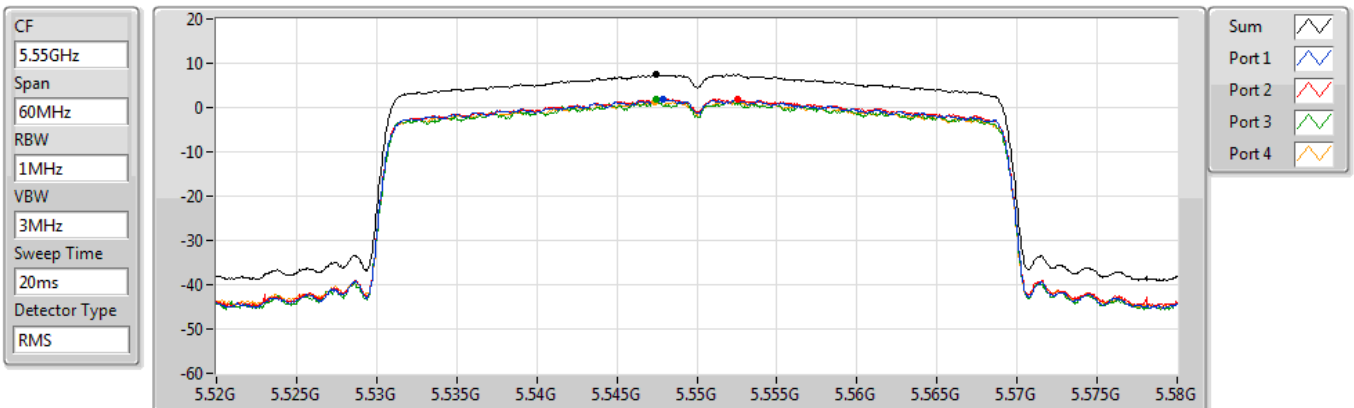
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	1.29	2.26	2.01	1.67

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

15/09/2021



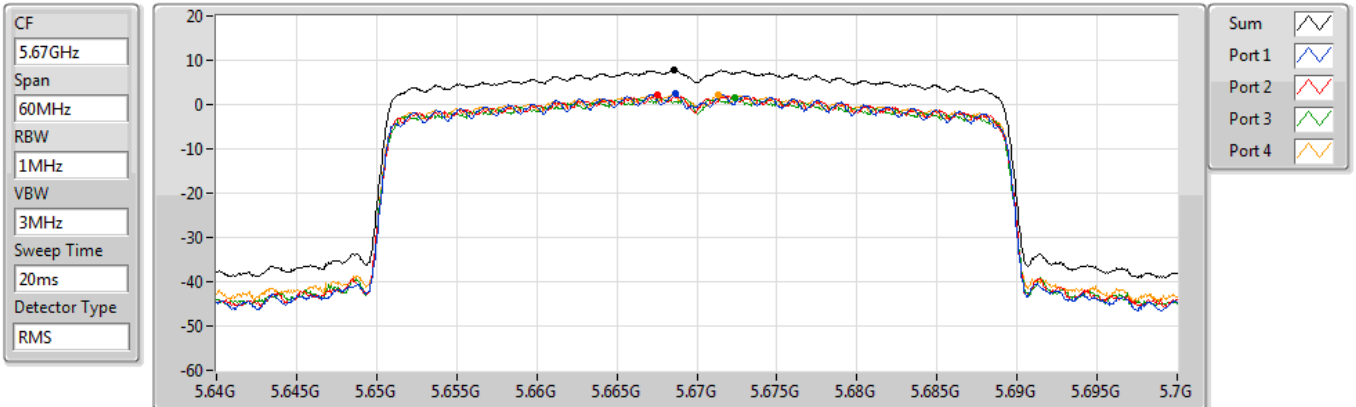
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.43	7.43	1.79	1.99	1.77	1.36

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

15/09/2021

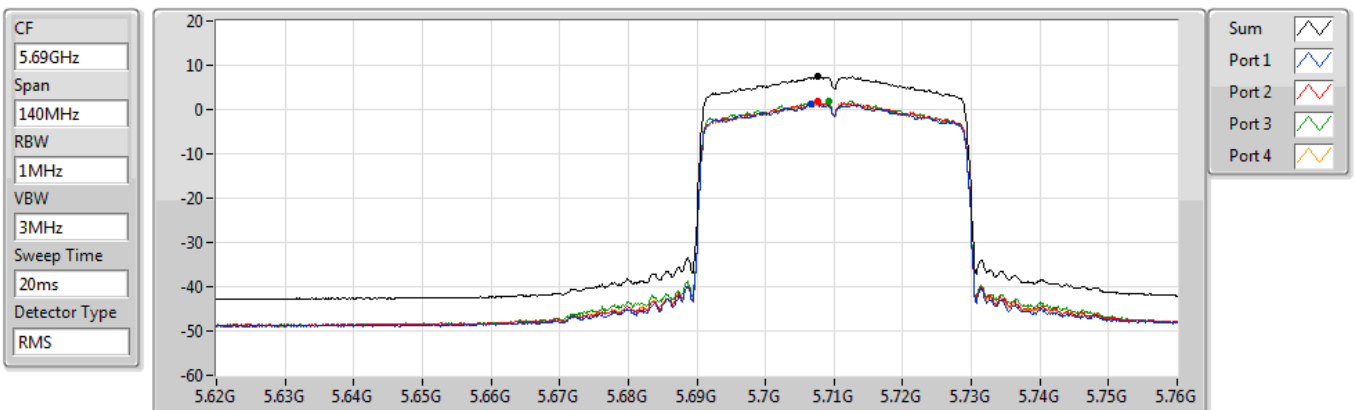


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

15/09/2021

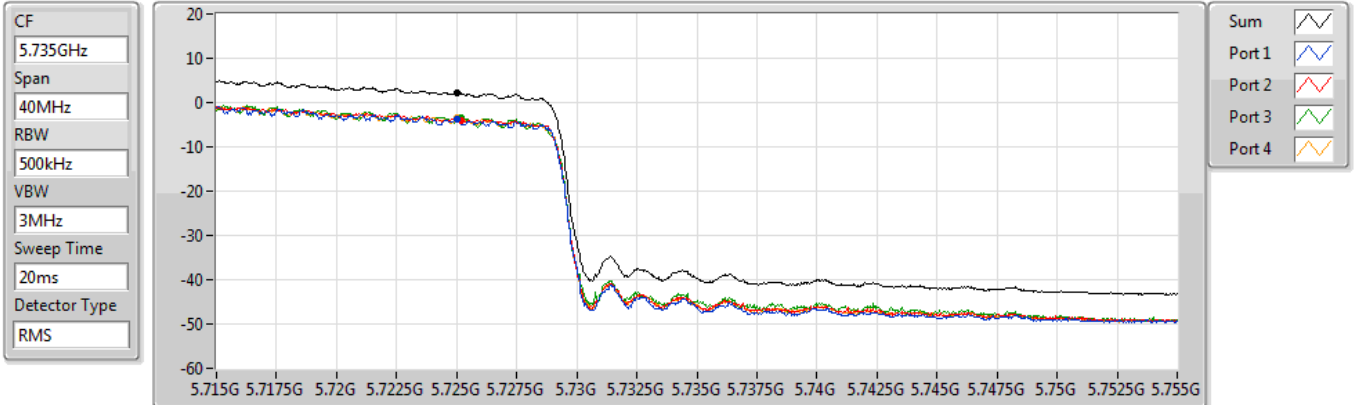


802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

15/09/2021

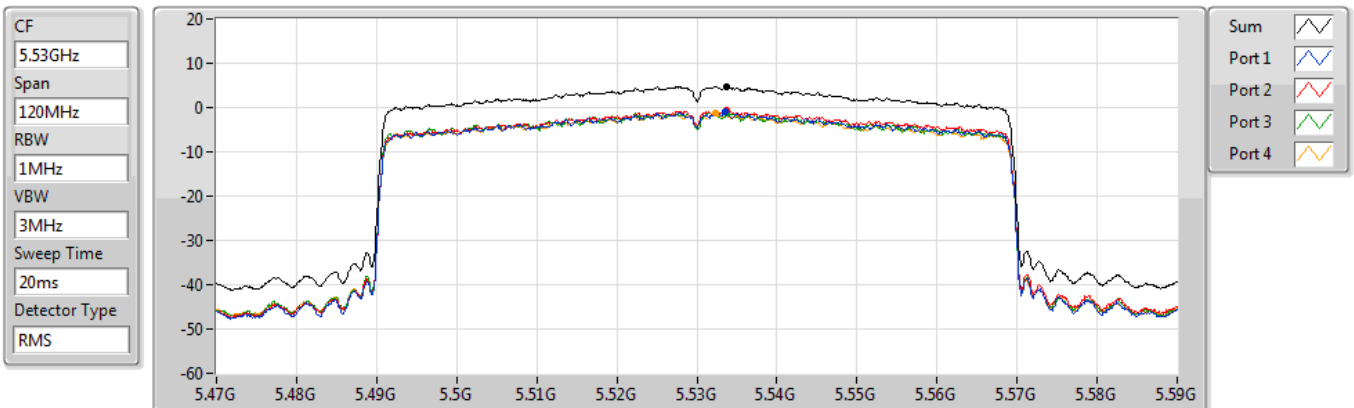


802.11ax HEW80_Nss1,(MCS0)_4TX

5530MHz

PSD

15/09/2021

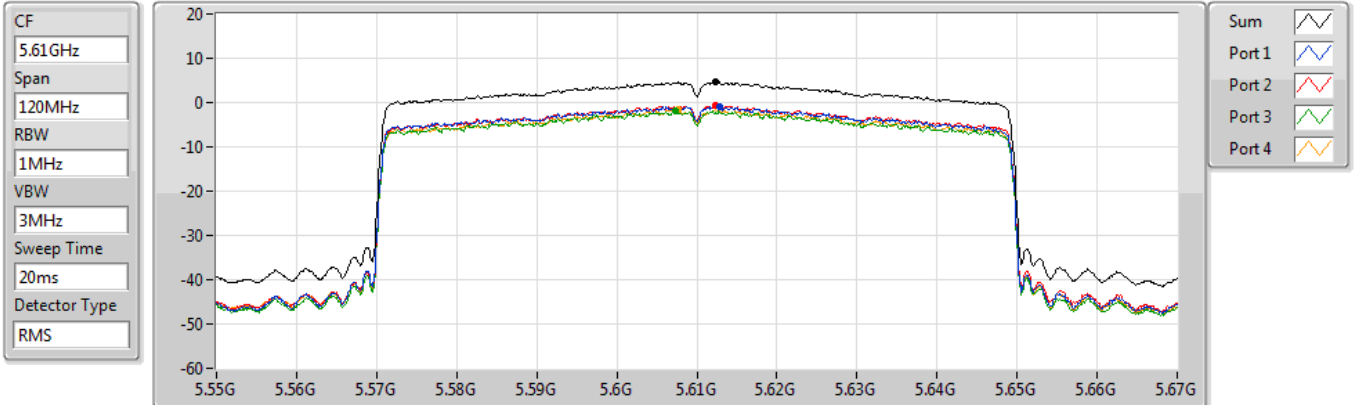


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

15/09/2021

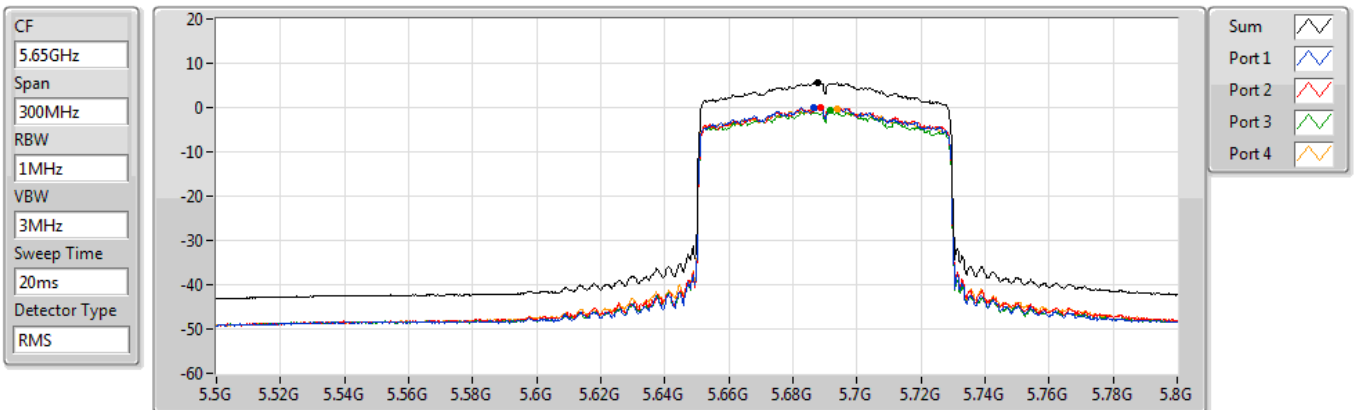


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/09/2021

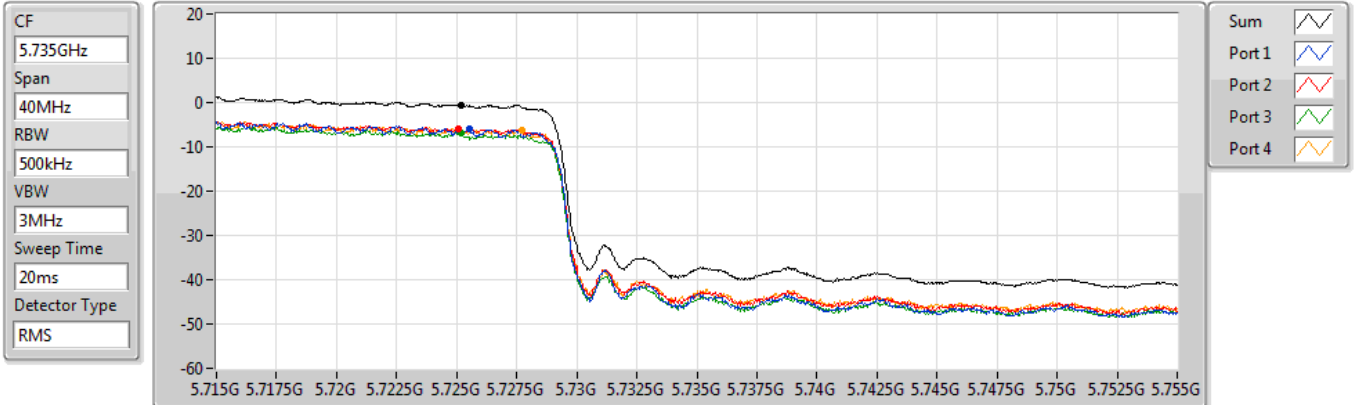


802.11ax HEW80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

15/09/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.56	-0.56	-6.06	-5.82	-7.01	-6.25

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.62	16.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.50	14.63
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.14	11.27
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.81	13.94
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.08	9.21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.13	6.00

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	9.13	0.69	-0.00	0.87	0.18	6.01	7.87	15.14	17.00
5580MHz	Pass	9.13	0.73	0.63	-0.00	0.47	6.44	7.87	15.57	17.00
5700MHz	Pass	9.13	-0.01	-0.29	-0.15	-0.65	5.48	7.87	14.61	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.13	1.73	1.86	1.47	1.69	7.62	7.87	16.75	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.13	-0.90	-0.96	-1.57	-1.21	4.81	26.87	13.94	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	9.13	-2.82	-2.77	-2.18	-2.19	3.47	7.87	12.60	17.00
5550MHz	Pass	9.13	-2.66	-2.13	-2.85	-3.49	2.72	7.87	11.85	17.00
5670MHz	Pass	9.13	-2.97	-3.35	-3.19	-1.88	3.12	7.87	12.25	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.13	-0.76	-0.68	-0.32	-0.23	5.50	7.87	14.63	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.13	-6.29	-6.04	-5.76	-5.54	0.08	26.87	9.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	9.13	-6.02	-6.49	-5.77	-6.62	-0.46	7.87	8.67	17.00
5610MHz	Pass	9.13	-5.85	-5.89	-6.22	-6.25	-0.18	7.87	8.95	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.13	-3.17	-3.35	-3.94	-4.14	2.14	7.87	11.27	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.13	-9.57	-8.21	-10.40	-7.80	-3.13	26.87	6.00	36.00

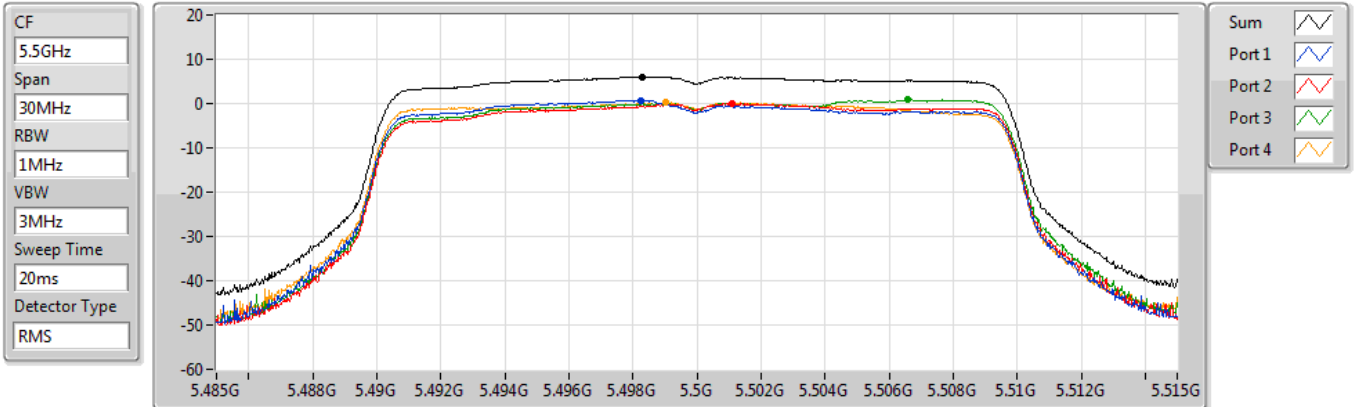
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

15/09/2021



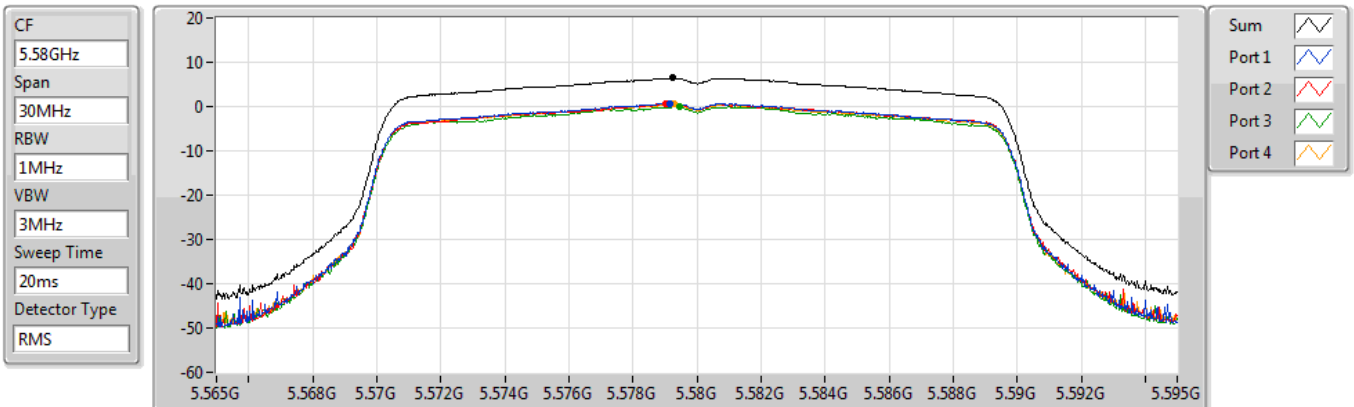
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	0.69	-0.00	0.87	0.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

15/09/2021



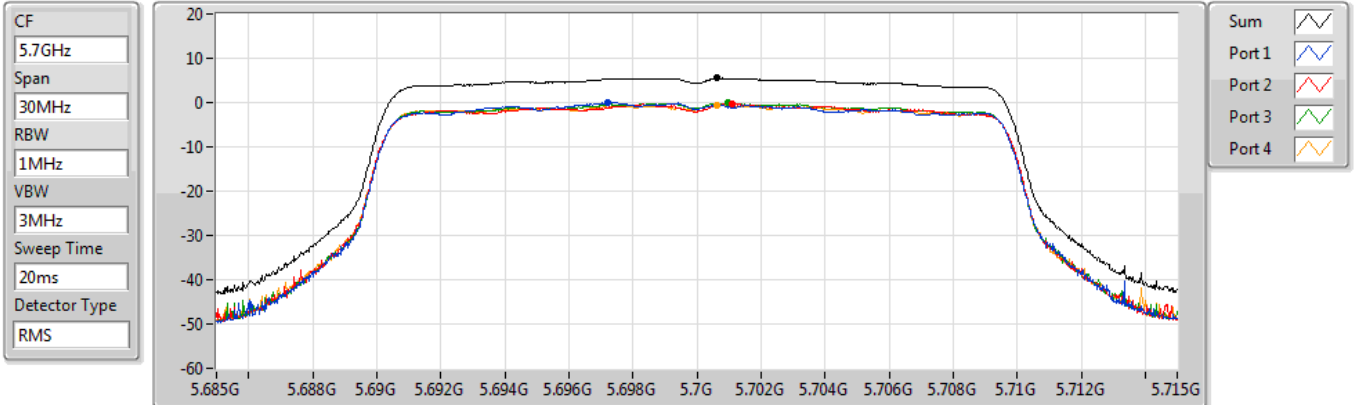
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	0.73	0.63	-0.00	0.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

15/09/2021



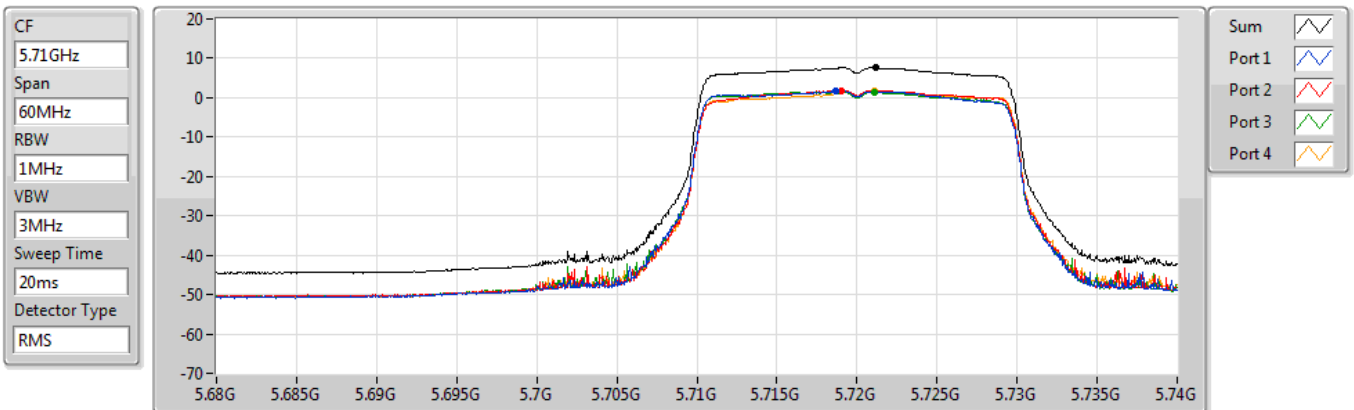
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	-0.01	-0.29	-0.15	-0.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

15/09/2021



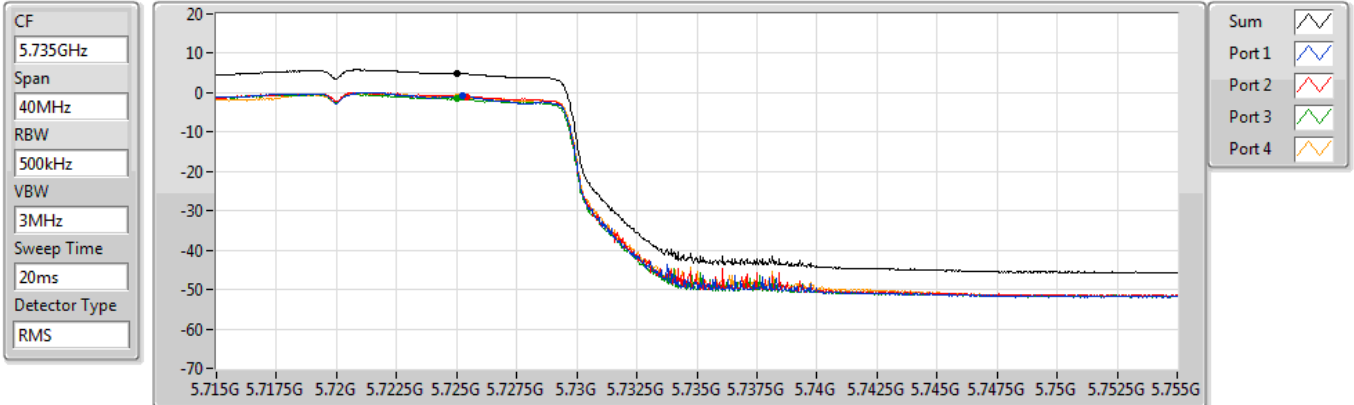
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	1.73	1.86	1.47	1.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

15/09/2021



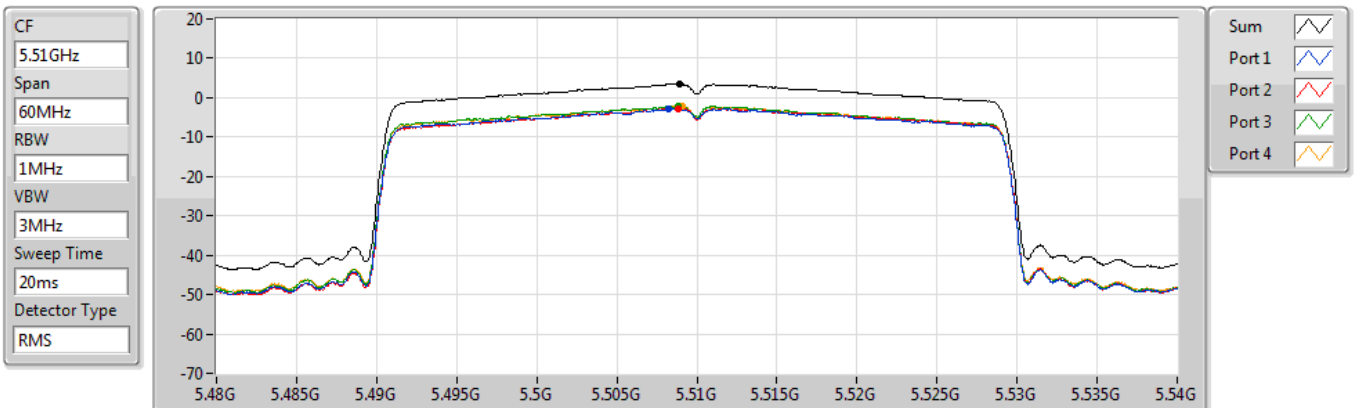
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	-0.90	-0.96	-1.57	-1.21

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz

PSD

15/09/2021



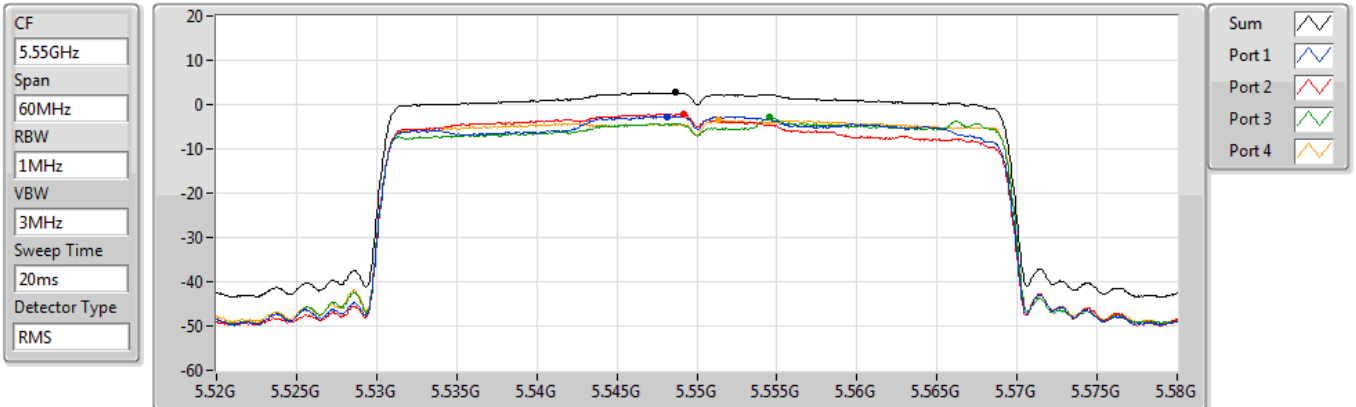
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	-2.82	-2.77	-2.18	-2.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

15/09/2021

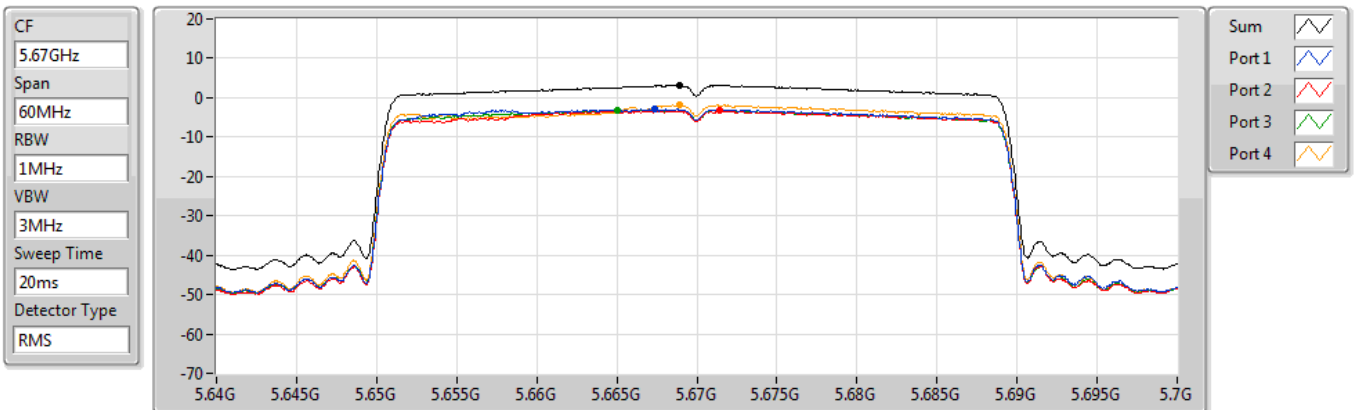


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

15/09/2021

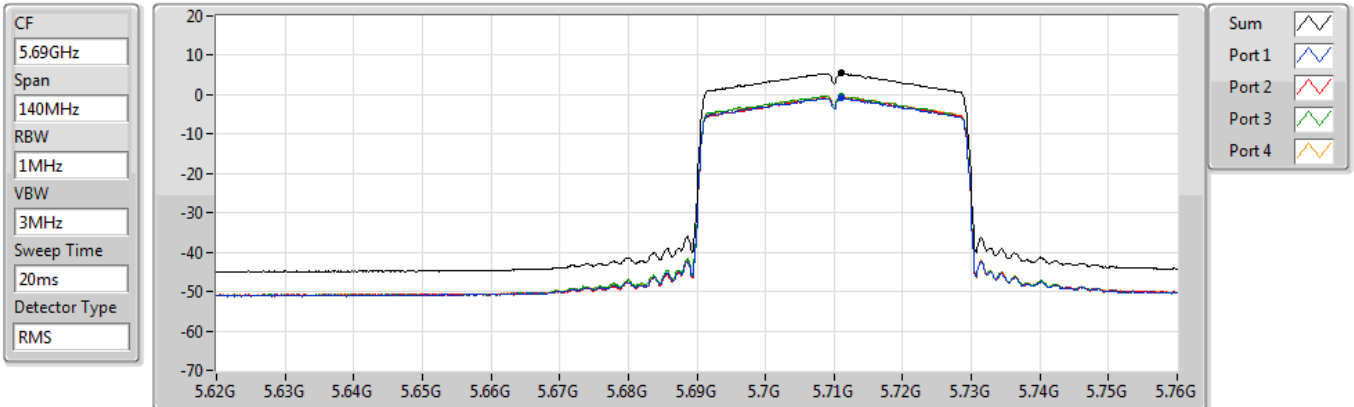


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

15/09/2021

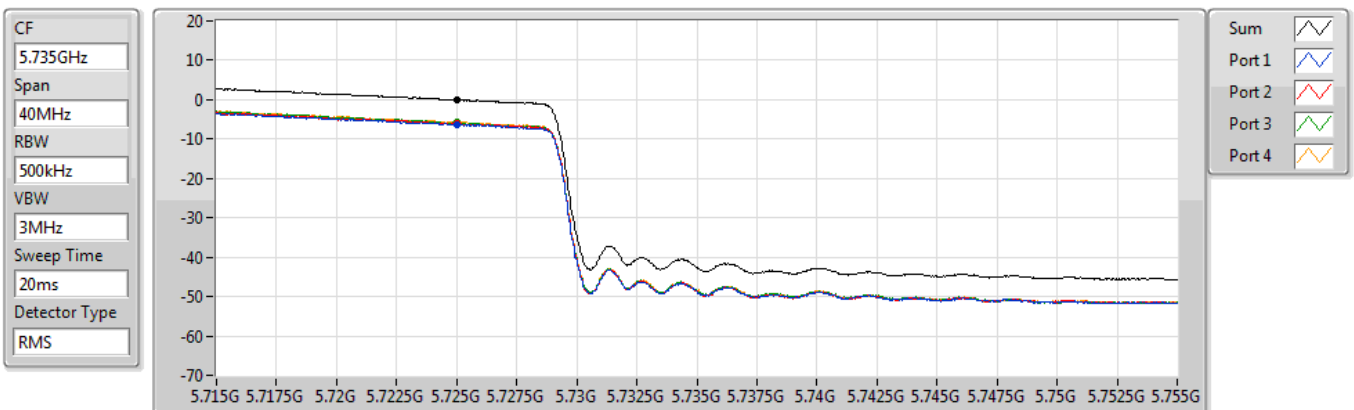


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

15/09/2021

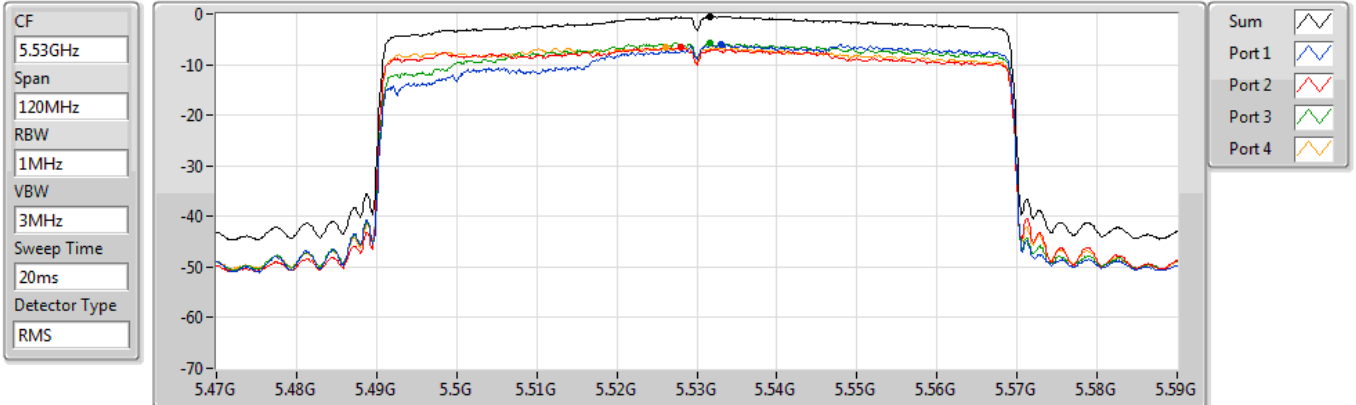


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

15/09/2021



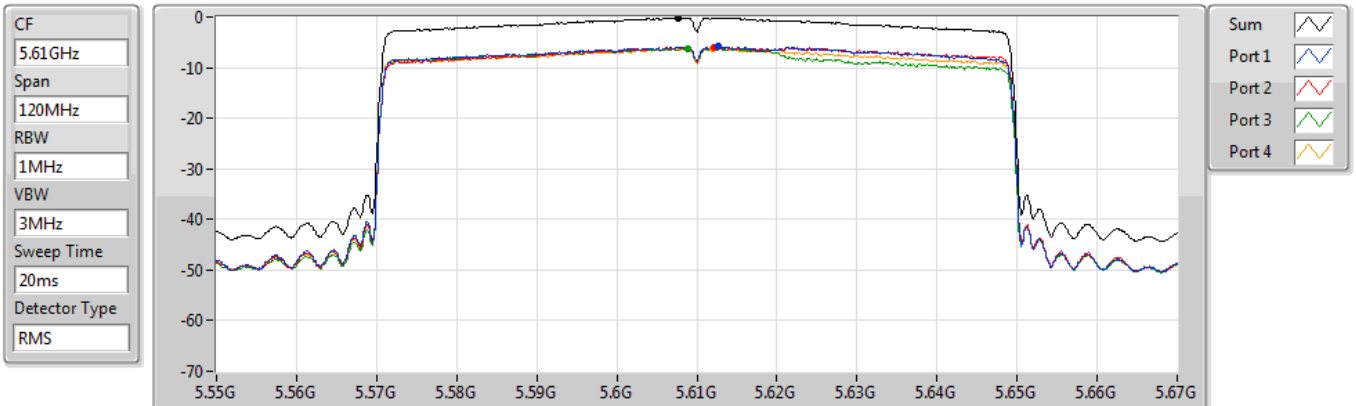
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.46	-0.46	-6.02	-6.49	-5.77	-6.62

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

15/09/2021



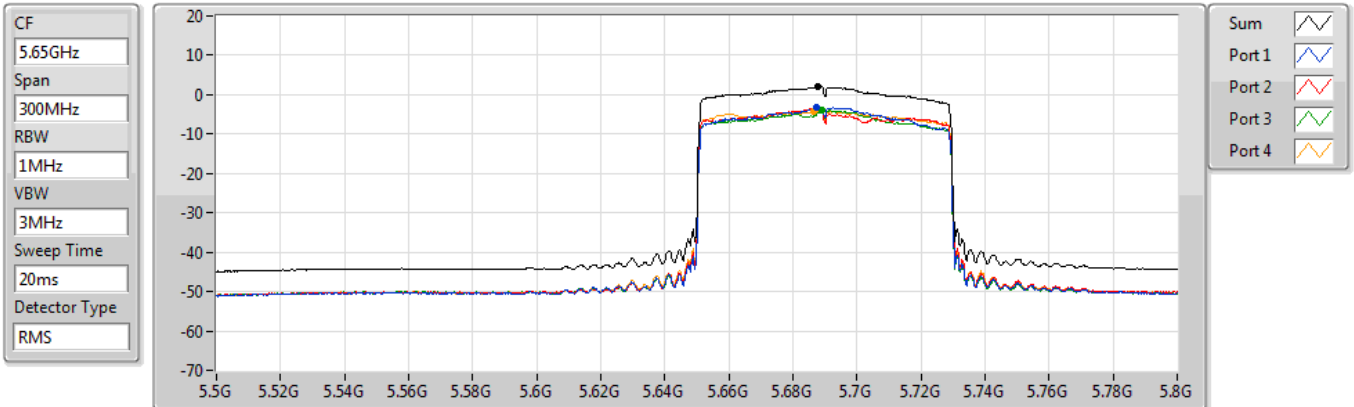
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.18	-0.18	-5.85	-5.89	-6.22	-6.25

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

15/09/2021

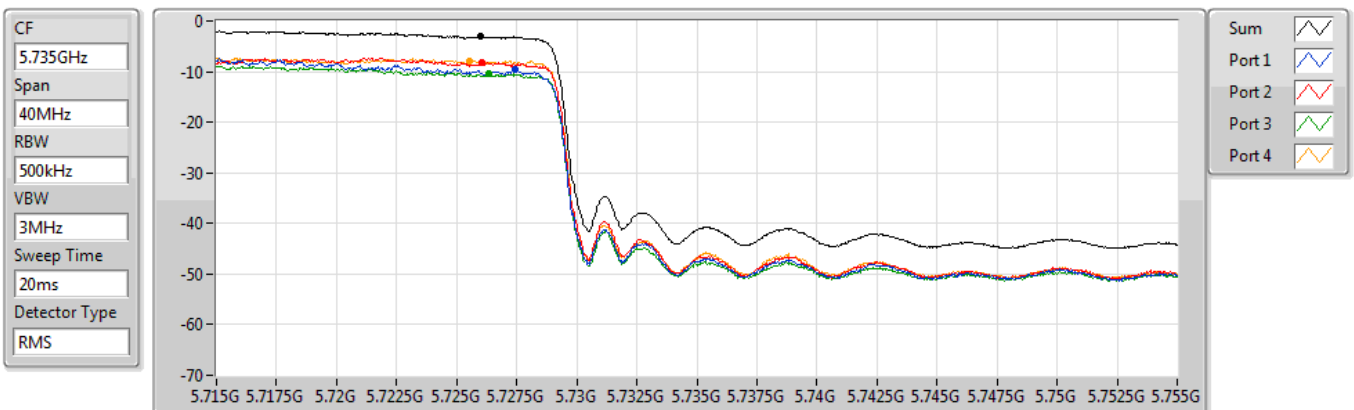


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

15/09/2021



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.7264G	66.97	68.20	-1.23	3	Vertical	272	2.99	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.4694G	66.80	68.20	-1.40	3	Vertical	305	1.44	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.8576G	66.43	68.20	-1.77	3	Vertical	303	1.34	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.455G	52.58	54.00	-1.42	3	Vertical	95	1.50	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.46G	47.83	54.00	-6.17	3	Vertical	275	1.44	-
5500MHz	Pass	AV	5.4992G	111.60	Inf	-Inf	3	Vertical	275	1.44	-
5500MHz	Pass	PK	5.4648G	66.57	68.20	-1.63	3	Vertical	275	1.44	-
5500MHz	Pass	PK	5.4992G	121.32	Inf	-Inf	3	Vertical	275	1.44	-
5500MHz	Pass	AV	5.4522G	45.97	54.00	-8.03	3	Horizontal	337	1.50	-
5500MHz	Pass	AV	5.5012G	102.19	Inf	-Inf	3	Horizontal	337	1.50	-
5500MHz	Pass	PK	5.465G	58.39	68.20	-9.81	3	Horizontal	337	1.50	-
5500MHz	Pass	PK	5.5014G	111.98	Inf	-Inf	3	Horizontal	337	1.50	-
5500MHz	Pass	AV	10.99993G	44.93	54.00	-9.07	3	Vertical	344	1.34	-
5500MHz	Pass	PK	10.99996G	56.80	74.00	-17.20	3	Vertical	344	1.34	-
5500MHz	Pass	AV	11.00005G	44.61	54.00	-9.39	3	Horizontal	29	1.70	-
5500MHz	Pass	PK	11.00042G	57.40	74.00	-16.60	3	Horizontal	29	1.70	-
5580MHz	Pass	AV	5.46G	47.92	54.00	-6.08	3	Vertical	270	1.50	-
5580MHz	Pass	AV	5.5794G	116.32	Inf	-Inf	3	Vertical	270	1.50	-
5580MHz	Pass	PK	5.4696G	59.23	68.20	-8.97	3	Vertical	270	1.50	-
5580MHz	Pass	PK	5.5794G	125.94	Inf	-Inf	3	Vertical	270	1.50	-
5580MHz	Pass	PK	5.7282G	58.44	68.20	-9.76	3	Vertical	270	1.50	-
5580MHz	Pass	AV	5.4468G	45.46	54.00	-8.54	3	Horizontal	338	1.44	-
5580MHz	Pass	AV	5.5812G	106.16	Inf	-Inf	3	Horizontal	338	1.44	-
5580MHz	Pass	PK	5.4696G	56.85	68.20	-11.35	3	Horizontal	338	1.44	-
5580MHz	Pass	PK	5.5812G	115.48	Inf	-Inf	3	Horizontal	338	1.44	-
5580MHz	Pass	PK	5.73G	56.71	68.20	-11.49	3	Horizontal	338	1.44	-
5580MHz	Pass	AV	11.16228G	42.08	54.00	-11.92	3	Vertical	128	1.02	-
5580MHz	Pass	PK	11.16049G	54.67	74.00	-19.33	3	Vertical	128	1.02	-
5580MHz	Pass	AV	11.16098G	42.11	54.00	-11.89	3	Horizontal	352	1.60	-
5580MHz	Pass	PK	11.16179G	55.32	74.00	-18.68	3	Horizontal	352	1.60	-
5700MHz	Pass	AV	5.6992G	107.51	Inf	-Inf	3	Vertical	272	2.99	-
5700MHz	Pass	PK	5.6984G	117.55	Inf	-Inf	3	Vertical	272	2.99	-
5700MHz	Pass	PK	5.7264G	66.97	68.20	-1.23	3	Vertical	272	2.99	-
5700MHz	Pass	AV	5.7008G	98.87	Inf	-Inf	3	Horizontal	341	1.27	-
5700MHz	Pass	PK	5.7008G	108.00	Inf	-Inf	3	Horizontal	341	1.27	-
5700MHz	Pass	PK	5.7792G	57.48	68.20	-10.72	3	Horizontal	341	1.27	-
5700MHz	Pass	AV	11.40105G	42.31	54.00	-11.69	3	Vertical	152	1.78	-
5700MHz	Pass	PK	11.39954G	55.89	74.00	-18.11	3	Vertical	152	1.78	-
5700MHz	Pass	AV	11.39924G	42.36	54.00	-11.64	3	Horizontal	177	2.04	-
5700MHz	Pass	PK	11.39897G	56.80	74.00	-17.20	3	Horizontal	177	2.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	45.87	54.00	-8.13	3	Vertical	276	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.72G	114.30	Inf	-Inf	3	Vertical	276	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.67	68.20	-11.53	3	Vertical	276	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	123.48	Inf	-Inf	3	Vertical	276	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8868G	58.79	68.20	-9.41	3	Vertical	276	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4512G	44.83	54.00	-9.17	3	Horizontal	338	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	104.90	Inf	-Inf	3	Horizontal	338	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	55.49	68.20	-12.71	3	Horizontal	338	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	114.04	Inf	-Inf	3	Horizontal	338	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8736G	57.76	68.20	-10.44	3	Horizontal	338	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43975G	42.26	54.00	-11.74	3	Vertical	21	2.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43876G	55.27	74.00	-18.73	3	Vertical	21	2.31	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4415G	42.35	54.00	-11.65	3	Horizontal	82	2.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43755G	55.36	74.00	-18.64	3	Horizontal	82	2.48	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.4566G	48.22	54.00	-5.78	3	Vertical	305	1.44	-
5500MHz	Pass	AV	5.4994G	108.71	Inf	-Inf	3	Vertical	305	1.44	-
5500MHz	Pass	PK	5.4694G	66.80	68.20	-1.40	3	Vertical	305	1.44	-
5500MHz	Pass	PK	5.4996G	119.57	Inf	-Inf	3	Vertical	305	1.44	-
5500MHz	Pass	AV	5.4592G	47.33	54.00	-6.67	3	Horizontal	211	1.50	-
5500MHz	Pass	AV	5.5016G	98.45	Inf	-Inf	3	Horizontal	211	1.50	-
5500MHz	Pass	PK	5.4646G	57.48	68.20	-10.72	3	Horizontal	211	1.50	-
5500MHz	Pass	PK	5.5012G	108.37	Inf	-Inf	3	Horizontal	211	1.50	-
5500MHz	Pass	AV	11G	45.52	54.00	-8.48	3	Vertical	168	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5500MHz	Pass	PK	10.99396G	56.11	74.00	-17.89	3	Vertical	168	1.50	-
5500MHz	Pass	AV	11.00008G	45.79	54.00	-8.21	3	Horizontal	218	1.50	-
5500MHz	Pass	PK	11.00624G	55.99	74.00	-18.01	3	Horizontal	218	1.50	-
5580MHz	Pass	AV	5.439G	49.08	54.00	-4.92	3	Vertical	304	1.43	-
5580MHz	Pass	AV	5.5794G	115.40	Inf	-Inf	3	Vertical	304	1.43	-
5580MHz	Pass	PK	5.4678G	59.42	68.20	-8.78	3	Vertical	304	1.43	-
5580MHz	Pass	PK	5.5794G	124.97	Inf	-Inf	3	Vertical	304	1.43	-
5580MHz	Pass	PK	5.7264G	57.72	68.20	-10.48	3	Vertical	304	1.43	-
5580MHz	Pass	AV	5.454G	47.35	54.00	-6.65	3	Horizontal	43	1.44	-
5580MHz	Pass	AV	5.5812G	105.17	Inf	-Inf	3	Horizontal	43	1.44	-
5580MHz	Pass	PK	5.4672G	56.75	68.20	-11.45	3	Horizontal	43	1.44	-
5580MHz	Pass	PK	5.5812G	114.19	Inf	-Inf	3	Horizontal	43	1.44	-
5580MHz	Pass	PK	5.7258G	57.71	68.20	-10.49	3	Horizontal	43	1.44	-
5580MHz	Pass	AV	11.15692G	49.65	54.00	-4.35	3	Vertical	188	1.03	-
5580MHz	Pass	PK	11.16216G	61.16	74.00	-12.84	3	Vertical	188	1.03	-
5580MHz	Pass	AV	11.15744G	48.43	54.00	-5.57	3	Horizontal	199	1.50	-
5580MHz	Pass	PK	11.16272G	58.71	74.00	-15.29	3	Horizontal	199	1.50	-
5700MHz	Pass	AV	5.6992G	108.17	Inf	-Inf	3	Vertical	303	1.40	-
5700MHz	Pass	PK	5.6988G	118.41	Inf	-Inf	3	Vertical	303	1.40	-
5700MHz	Pass	PK	5.728G	65.93	68.20	-2.27	3	Vertical	303	1.40	-
5700MHz	Pass	AV	5.7016G	98.83	Inf	-Inf	3	Horizontal	39	1.46	-
5700MHz	Pass	PK	5.7012G	108.94	Inf	-Inf	3	Horizontal	39	1.46	-
5700MHz	Pass	PK	5.726G	61.40	68.20	-6.80	3	Horizontal	39	1.46	-
5700MHz	Pass	AV	11.40016G	45.79	54.00	-8.21	3	Vertical	233	1.50	-
5700MHz	Pass	PK	11.39792G	56.16	74.00	-17.84	3	Vertical	233	1.50	-
5700MHz	Pass	AV	11.4G	45.30	54.00	-8.70	3	Horizontal	116	1.50	-
5700MHz	Pass	PK	11.39592G	55.49	74.00	-18.51	3	Horizontal	116	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	48.25	54.00	-5.75	3	Vertical	309	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	114.32	Inf	-Inf	3	Vertical	309	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.36	68.20	-10.84	3	Vertical	309	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	122.72	Inf	-Inf	3	Vertical	309	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8628G	59.62	68.20	-8.58	3	Vertical	309	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4344G	47.28	54.00	-6.72	3	Horizontal	38	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	104.53	Inf	-Inf	3	Horizontal	38	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.02	68.20	-12.18	3	Horizontal	38	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	113.39	Inf	-Inf	3	Horizontal	38	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9588G	58.46	68.20	-9.74	3	Horizontal	38	1.49	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4388G	50.32	54.00	-3.68	3	Vertical	217	1.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44356G	61.12	74.00	-12.88	3	Vertical	217	1.14	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43928G	48.59	54.00	-5.41	3	Horizontal	188	1.04	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43908G	59.10	74.00	-14.90	3	Horizontal	188	1.04	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	AV	5.4592G	49.51	54.00	-4.49	3	Vertical	299	2.28	-
5510MHz	Pass	AV	5.5092G	105.46	Inf	-Inf	3	Vertical	299	2.28	-
5510MHz	Pass	PK	5.4644G	66.28	68.20	-1.92	3	Vertical	299	2.28	-
5510MHz	Pass	PK	5.514G	116.31	Inf	-Inf	3	Vertical	299	2.28	-
5510MHz	Pass	AV	5.4444G	47.71	54.00	-6.29	3	Horizontal	209	1.50	-
5510MHz	Pass	AV	5.5064G	94.35	Inf	-Inf	3	Horizontal	209	1.50	-
5510MHz	Pass	PK	5.4604G	57.00	68.20	-11.20	3	Horizontal	209	1.50	-
5510MHz	Pass	PK	5.502G	103.79	Inf	-Inf	3	Horizontal	209	1.50	-
5510MHz	Pass	AV	11.02008G	45.43	54.00	-8.57	3	Vertical	163	1.01	-
5510MHz	Pass	PK	11.0292G	55.73	74.00	-18.27	3	Vertical	163	1.01	-
5510MHz	Pass	AV	11.01984G	45.30	54.00	-8.70	3	Horizontal	224	1.82	-
5510MHz	Pass	PK	11.01984G	56.28	74.00	-17.72	3	Horizontal	224	1.82	-
5550MHz	Pass	AV	5.4592G	52.01	54.00	-1.99	3	Vertical	301	1.52	-
5550MHz	Pass	AV	5.5492G	111.56	Inf	-Inf	3	Vertical	301	1.52	-
5550MHz	Pass	PK	5.4692G	65.91	68.20	-2.29	3	Vertical	301	1.52	-
5550MHz	Pass	PK	5.5544G	120.79	Inf	-Inf	3	Vertical	301	1.52	-
5550MHz	Pass	AV	5.46G	47.50	54.00	-6.50	3	Horizontal	38	1.54	-
5550MHz	Pass	AV	5.5512G	100.44	Inf	-Inf	3	Horizontal	38	1.54	-
5550MHz	Pass	PK	5.4676G	57.43	68.20	-10.77	3	Horizontal	38	1.54	-
5550MHz	Pass	PK	5.5512G	111.41	Inf	-Inf	3	Horizontal	38	1.54	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5550MHz	Pass	AV	11.10008G	51.04	54.00	-2.96	3	Vertical	131	1.12	-
5550MHz	Pass	PK	11.09496G	62.40	74.00	-11.60	3	Vertical	131	1.12	-
5550MHz	Pass	AV	11.09808G	46.40	54.00	-7.60	3	Horizontal	200	2.08	-
5550MHz	Pass	PK	11.10072G	57.36	74.00	-16.64	3	Horizontal	200	2.08	-
5670MHz	Pass	AV	5.6694G	108.28	Inf	-Inf	3	Vertical	303	2.41	-
5670MHz	Pass	PK	5.6688G	116.63	Inf	-Inf	3	Vertical	303	2.41	-
5670MHz	Pass	PK	5.7264G	66.37	68.20	-1.83	3	Vertical	303	2.41	-
5670MHz	Pass	AV	5.6712G	97.62	Inf	-Inf	3	Horizontal	41	1.40	-
5670MHz	Pass	PK	5.6664G	107.08	Inf	-Inf	3	Horizontal	41	1.40	-
5670MHz	Pass	PK	5.7264G	58.55	68.20	-9.65	3	Horizontal	41	1.40	-
5670MHz	Pass	AV	11.34008G	45.99	54.00	-8.01	3	Vertical	225	1.30	-
5670MHz	Pass	PK	11.35192G	56.35	74.00	-17.65	3	Vertical	225	1.30	-
5670MHz	Pass	AV	11.34728G	45.37	54.00	-8.63	3	Horizontal	239	2.07	-
5670MHz	Pass	PK	11.32288G	56.41	74.00	-17.59	3	Horizontal	239	2.07	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.452G	48.54	54.00	-5.46	3	Vertical	303	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	113.62	Inf	-Inf	3	Vertical	303	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	57.26	68.20	-10.94	3	Vertical	303	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7088G	121.54	Inf	-Inf	3	Vertical	303	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8576G	66.43	68.20	-1.77	3	Vertical	303	1.34	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4532G	47.54	54.00	-6.46	3	Horizontal	41	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	102.94	Inf	-Inf	3	Horizontal	41	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.13	68.20	-12.07	3	Horizontal	41	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7064G	111.88	Inf	-Inf	3	Horizontal	41	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9452G	58.37	68.20	-9.83	3	Horizontal	41	1.37	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.40872G	47.16	54.00	-6.84	3	Vertical	216	1.51	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42368G	58.28	74.00	-15.72	3	Vertical	216	1.51	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41736G	46.96	54.00	-7.04	3	Horizontal	188	1.00	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40856G	57.32	74.00	-16.68	3	Horizontal	188	1.00	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.455G	52.58	54.00	-1.42	3	Vertical	95	1.50	-
5530MHz	Pass	AV	5.525G	101.67	Inf	-Inf	3	Vertical	95	1.50	-
5530MHz	Pass	PK	5.47G	66.31	68.20	-1.89	3	Vertical	95	1.50	-
5530MHz	Pass	PK	5.525G	111.08	Inf	-Inf	3	Vertical	95	1.50	-
5530MHz	Pass	PK	5.765G	57.34	68.20	-10.86	3	Vertical	95	1.50	-
5530MHz	Pass	AV	5.46G	47.57	54.00	-6.43	3	Horizontal	39	1.50	-
5530MHz	Pass	AV	5.527G	92.21	Inf	-Inf	3	Horizontal	39	1.50	-
5530MHz	Pass	PK	5.467G	56.70	68.20	-11.50	3	Horizontal	39	1.50	-
5530MHz	Pass	PK	5.517G	101.12	Inf	-Inf	3	Horizontal	39	1.50	-
5530MHz	Pass	PK	5.732G	57.66	68.20	-10.54	3	Horizontal	39	1.50	-
5530MHz	Pass	AV	11.05992G	45.87	54.00	-8.13	3	Vertical	201	1.00	-
5530MHz	Pass	PK	11.04536G	55.44	74.00	-18.56	3	Vertical	201	1.00	-
5530MHz	Pass	AV	11.06008G	45.18	54.00	-8.82	3	Horizontal	232	2.12	-
5530MHz	Pass	PK	11.07752G	55.70	74.00	-18.30	3	Horizontal	232	2.12	-
5610MHz	Pass	AV	5.457G	49.41	54.00	-4.59	3	Vertical	288	2.28	-
5610MHz	Pass	AV	5.613G	105.80	Inf	-Inf	3	Vertical	288	2.28	-
5610MHz	Pass	PK	5.468G	61.68	68.20	-6.52	3	Vertical	288	2.28	-
5610MHz	Pass	PK	5.612G	115.11	Inf	-Inf	3	Vertical	288	2.28	-
5610MHz	Pass	PK	5.728G	66.28	68.20	-1.92	3	Vertical	288	2.28	-
5610MHz	Pass	AV	5.392G	47.19	54.00	-6.81	3	Horizontal	38	1.34	-
5610MHz	Pass	AV	5.612G	92.76	Inf	-Inf	3	Horizontal	38	1.34	-
5610MHz	Pass	PK	5.468G	57.11	68.20	-11.09	3	Horizontal	38	1.34	-
5610MHz	Pass	PK	5.612G	102.12	Inf	-Inf	3	Horizontal	38	1.34	-
5610MHz	Pass	PK	5.841G	58.75	68.20	-9.45	3	Horizontal	38	1.34	-
5610MHz	Pass	AV	11.22008G	47.35	54.00	-6.65	3	Vertical	222	1.32	-
5610MHz	Pass	PK	11.23776G	55.72	74.00	-18.28	3	Vertical	222	1.32	-
5610MHz	Pass	AV	11.22G	46.33	54.00	-7.67	3	Horizontal	191	1.00	-
5610MHz	Pass	PK	11.21744G	56.30	74.00	-17.70	3	Horizontal	191	1.00	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4548G	48.73	54.00	-5.27	3	Vertical	274	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6876G	107.97	Inf	-Inf	3	Vertical	274	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	58.57	68.20	-9.63	3	Vertical	274	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6924G	116.99	Inf	-Inf	3	Vertical	274	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	66.30	68.20	-1.90	3	Vertical	274	1.50	-



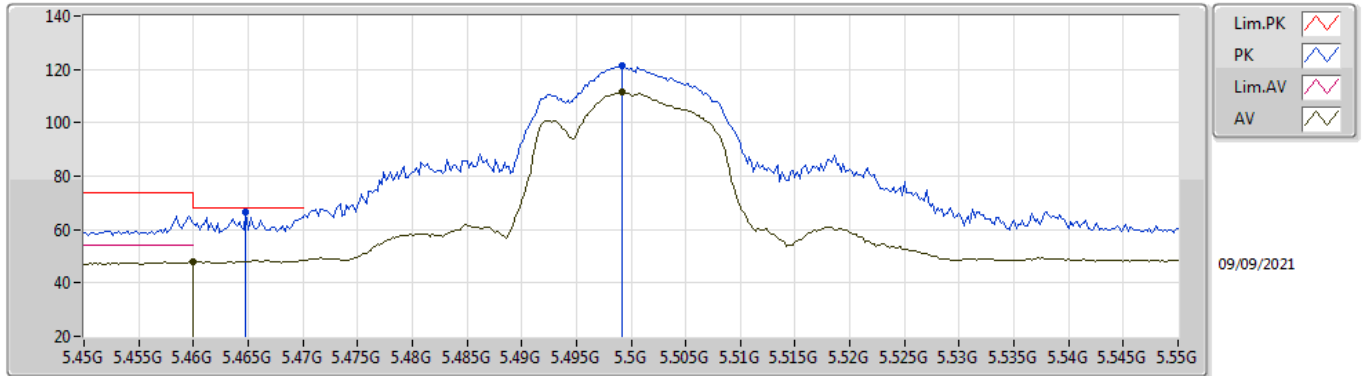
RSE TX above 1GHz _Non Beamforming

Appendix D.1

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	5.4392G	47.24	54.00	-6.76	3	Horizontal	158	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6948G	95.66	Inf	-Inf	3	Horizontal	158	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	56.49	68.20	-11.71	3	Horizontal	158	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6804G	105.74	Inf	-Inf	3	Horizontal	158	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8628G	58.56	68.20	-9.64	3	Horizontal	158	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.36392G	46.66	54.00	-7.34	3	Vertical	242	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37392G	56.79	74.00	-17.21	3	Vertical	242	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38008G	45.44	54.00	-8.56	3	Horizontal	208	1.01	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36392G	56.09	74.00	-17.91	3	Horizontal	208	1.01	-

802.11a_Nss1,(6Mbps)_4TX

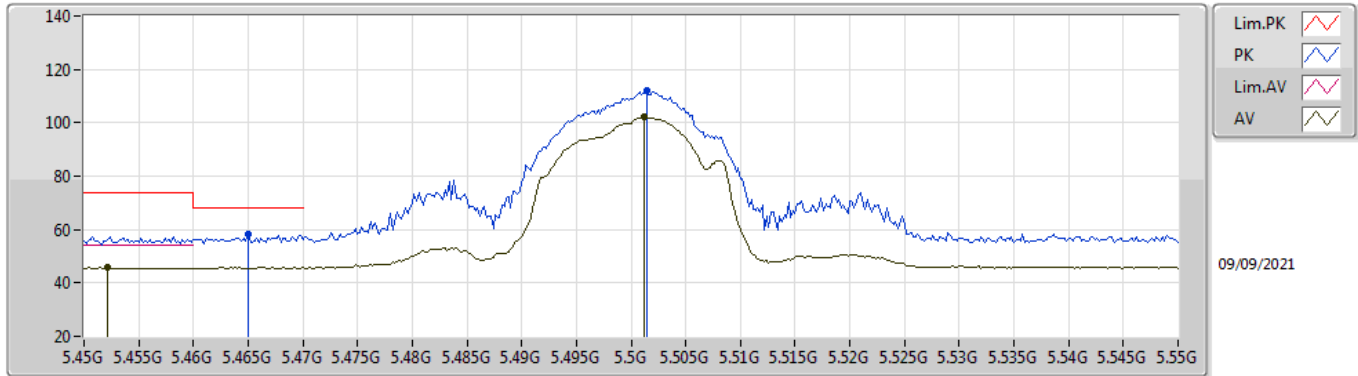
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.83	54.00	-6.17	6.81	3	Vertical	275	1.44	-	41.02	31.72	9.35	34.26
AV	5.4992G	111.60	Inf	-Inf	6.92	3	Vertical	275	1.44	-	104.68	31.80	9.38	34.26
PK	5.4648G	66.57	68.20	-1.63	6.82	3	Vertical	275	1.44	-	59.75	31.73	9.35	34.26
PK	5.4992G	121.32	Inf	-Inf	6.92	3	Vertical	275	1.44	-	114.40	31.80	9.38	34.26

802.11a_Nss1,(6Mbps)_4TX

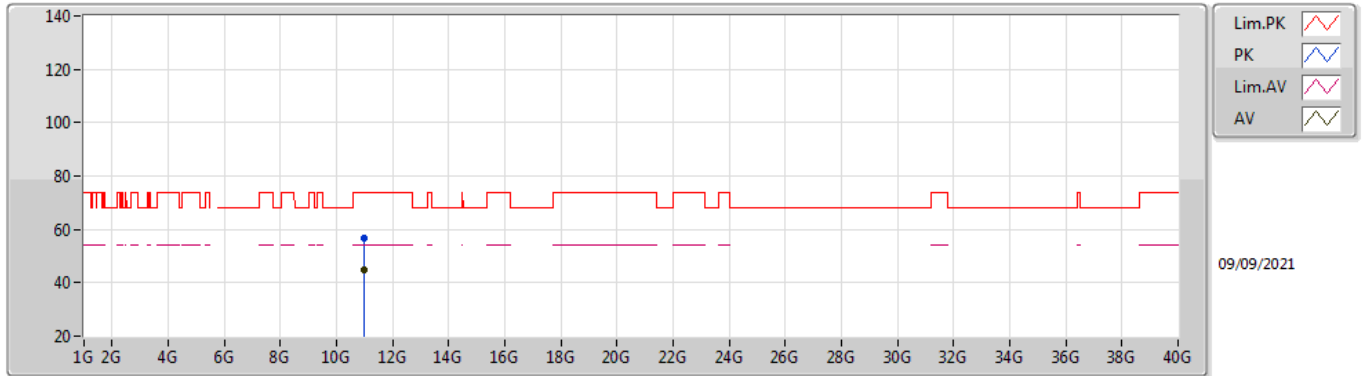
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4522G	45.97	54.00	-8.03	6.78	3	Horizontal	337	1.50	-	39.19	31.70	9.34	34.26
AV	5.5012G	102.19	Inf	-Inf	6.92	3	Horizontal	337	1.50	-	95.27	31.80	9.38	34.26
PK	5.465G	58.39	68.20	-9.81	6.82	3	Horizontal	337	1.50	-	51.57	31.73	9.35	34.26
PK	5.5014G	111.98	Inf	-Inf	6.92	3	Horizontal	337	1.50	-	105.06	31.80	9.38	34.26

802.11a_Nss1,(6Mbps)_4TX

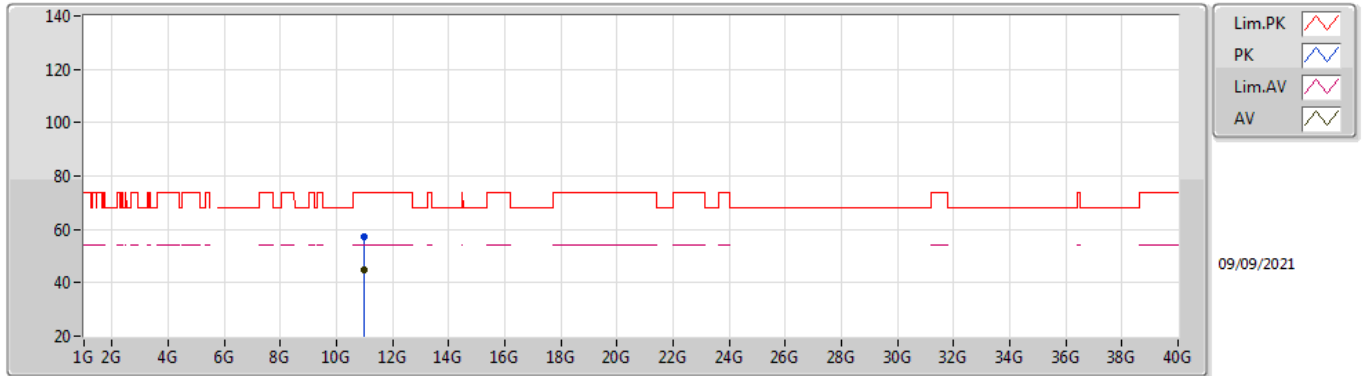
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99993G	44.93	54.00	-9.07	18.74	3	Vertical	344	1.34	-	26.19	40.30	12.63	34.19
PK	10.99996G	56.80	74.00	-17.20	18.74	3	Vertical	344	1.34	-	38.06	40.30	12.63	34.19

802.11a_Nss1,(6Mbps)_4TX

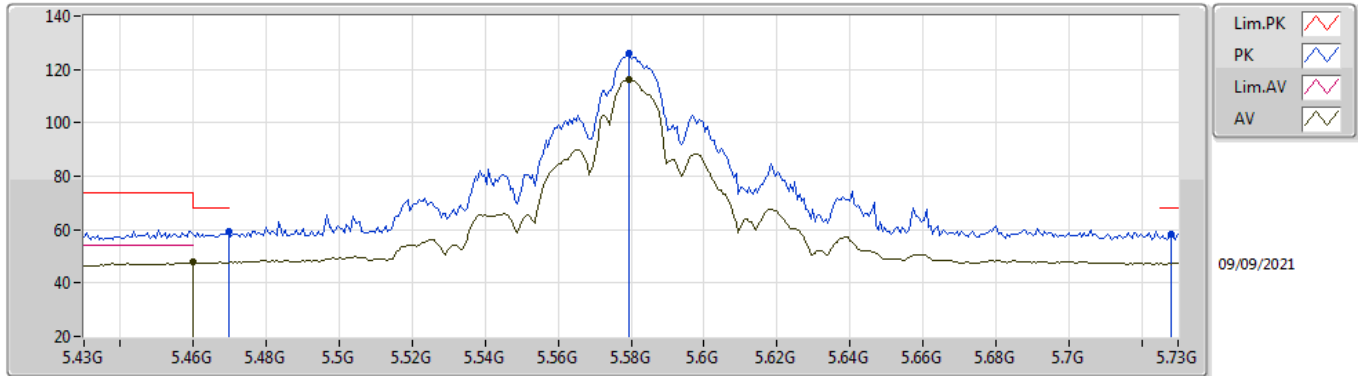
5500MHz_TX



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	11.00005G	44.61	54.00	-9.39	18.74	3	Horizontal	29	1.70	-	25.87	40.30	12.63	34.19
PK	11.00042G	57.40	74.00	-16.60	18.74	3	Horizontal	29	1.70	-	38.66	40.30	12.63	34.19

802.11a_Nss1,(6Mbps)_4TX

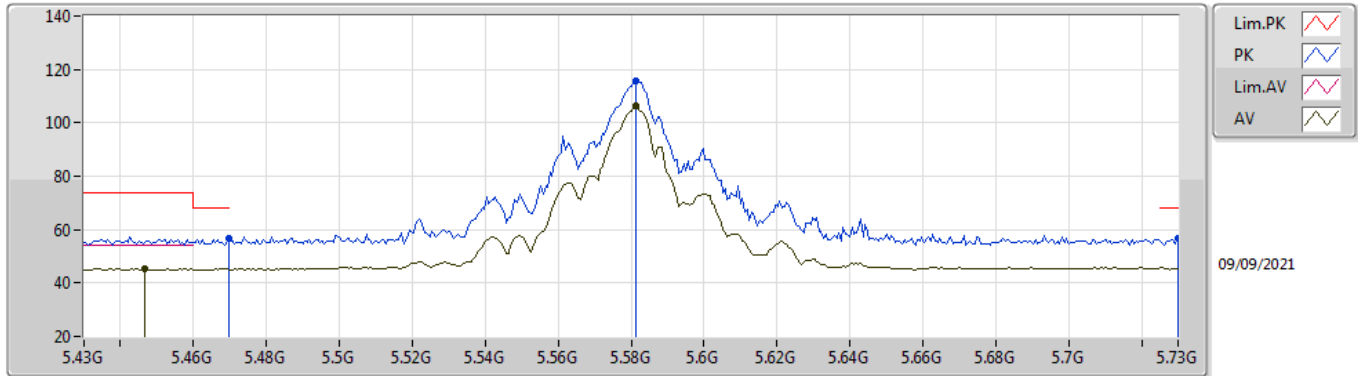
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.92	54.00	-6.08	6.81	3	Vertical	270	1.50	-	41.11	31.72	9.35	34.26
AV	5.5794G	116.32	Inf	-Inf	6.91	3	Vertical	270	1.50	-	109.41	31.74	9.44	34.27
PK	5.4696G	59.23	68.20	-8.97	6.84	3	Vertical	270	1.50	-	52.39	31.74	9.36	34.26
PK	5.5794G	125.94	Inf	-Inf	6.91	3	Vertical	270	1.50	-	119.03	31.74	9.44	34.27
PK	5.7282G	58.44	68.20	-9.76	7.18	3	Vertical	270	1.50	-	51.26	31.96	9.50	34.28

802.11a_Nss1,(6Mbps)_4TX

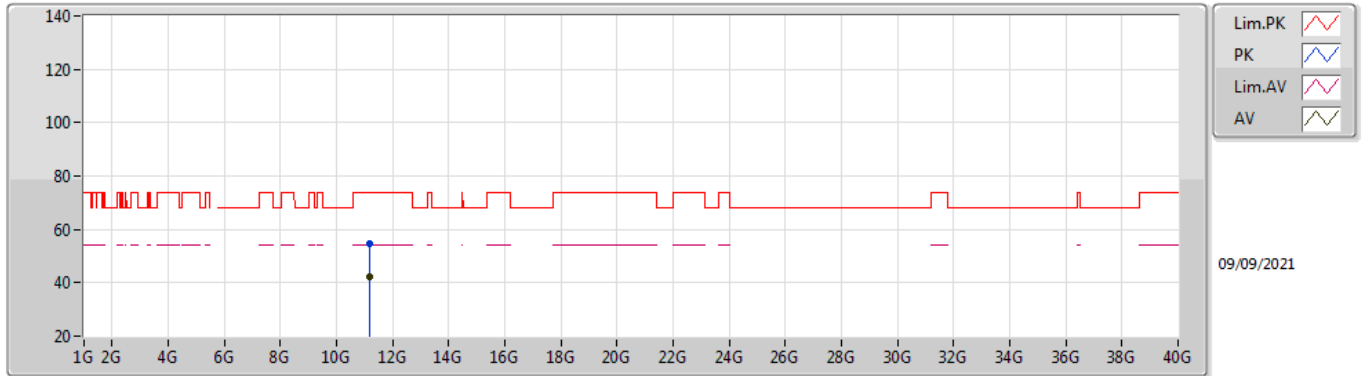
5580MHz_TX



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	5.4468G	45.46	54.00	-8.54	6.78	3	Horizontal	338	1.44	-	38.68	31.70	9.34	34.26
AV	5.5812G	106.16	Inf	-Inf	6.91	3	Horizontal	338	1.44	-	99.25	31.74	9.44	34.27
PK	5.4696G	56.85	68.20	-11.35	6.84	3	Horizontal	338	1.44	-	50.01	31.74	9.36	34.26
PK	5.5812G	115.48	Inf	-Inf	6.91	3	Horizontal	338	1.44	-	108.57	31.74	9.44	34.27
PK	5.73G	56.71	68.20	-11.49	7.18	3	Horizontal	338	1.44	-	49.53	31.96	9.50	34.28

802.11a_Nss1,(6Mbps)_4TX

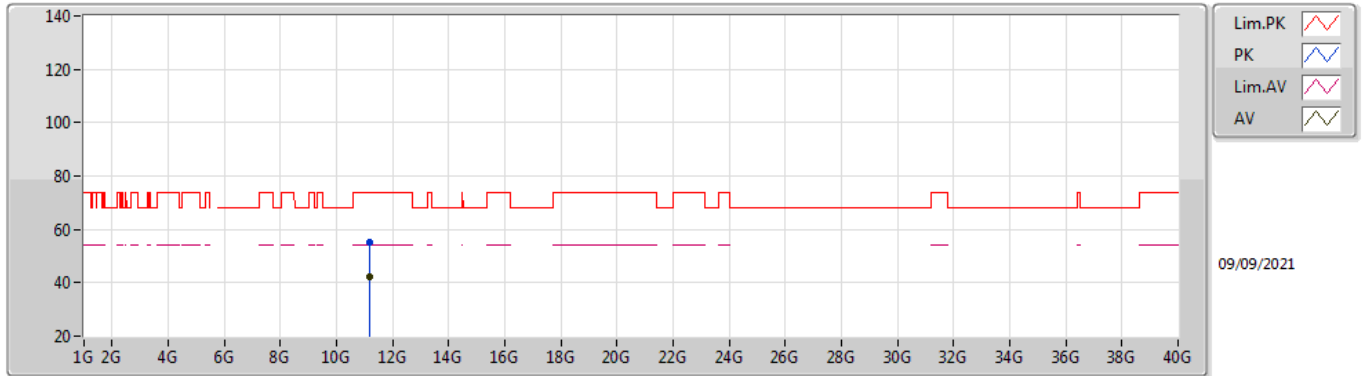
5580MHz_TX



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	11.16228G	42.08	54.00	-11.92	18.17	3	Vertical	128	1.02	-	23.91	39.65	12.70	34.18
PK	11.16049G	54.67	74.00	-19.33	18.18	3	Vertical	128	1.02	-	36.49	39.66	12.70	34.18

802.11a_Nss1,(6Mbps)_4TX

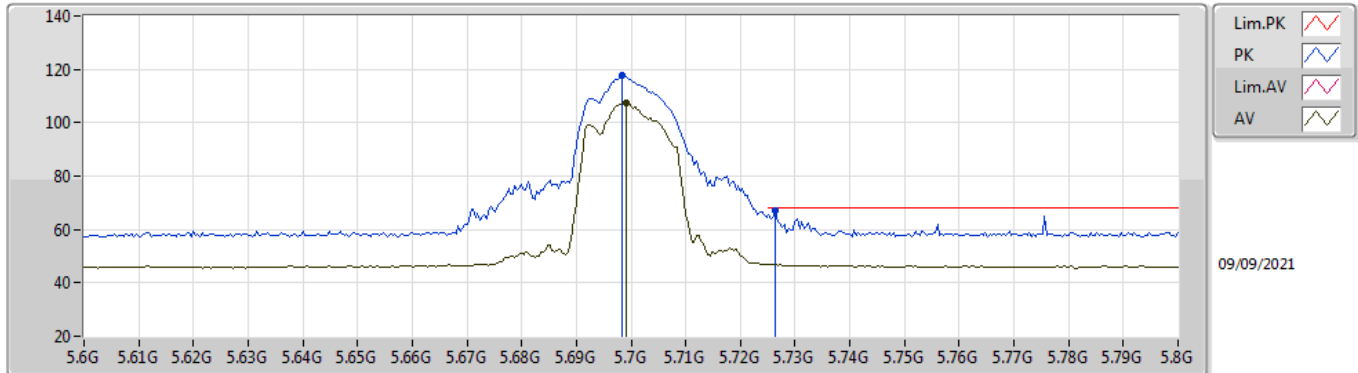
5580MHz_TX



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	11.16098G	42.11	54.00	-11.89	18.18	3	Horizontal	352	1.60	-	23.93	39.66	12.70	34.18
PK	11.16179G	55.32	74.00	-18.68	18.17	3	Horizontal	352	1.60	-	37.15	39.65	12.70	34.18

802.11a_Nss1,(6Mbps)_4TX

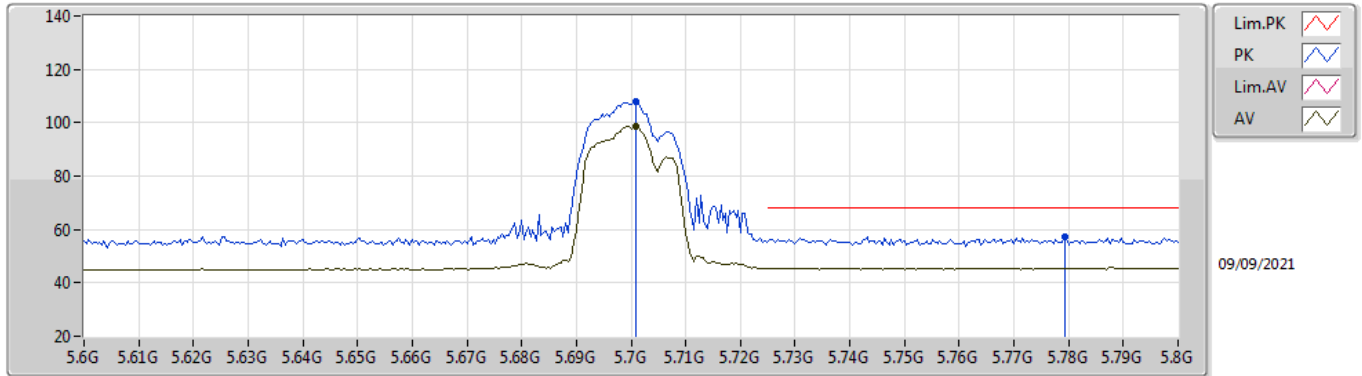
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6992G	107.51	Inf	-Inf	7.11	3	Vertical	272	2.99	-	100.40	31.90	9.49	34.28
PK	5.6984G	117.55	Inf	-Inf	7.10	3	Vertical	272	2.99	-	110.45	31.89	9.49	34.28
PK	5.7264G	66.97	68.20	-1.23	7.17	3	Vertical	272	2.99	-	59.80	31.95	9.50	34.28

802.11a_Nss1,(6Mbps)_4TX

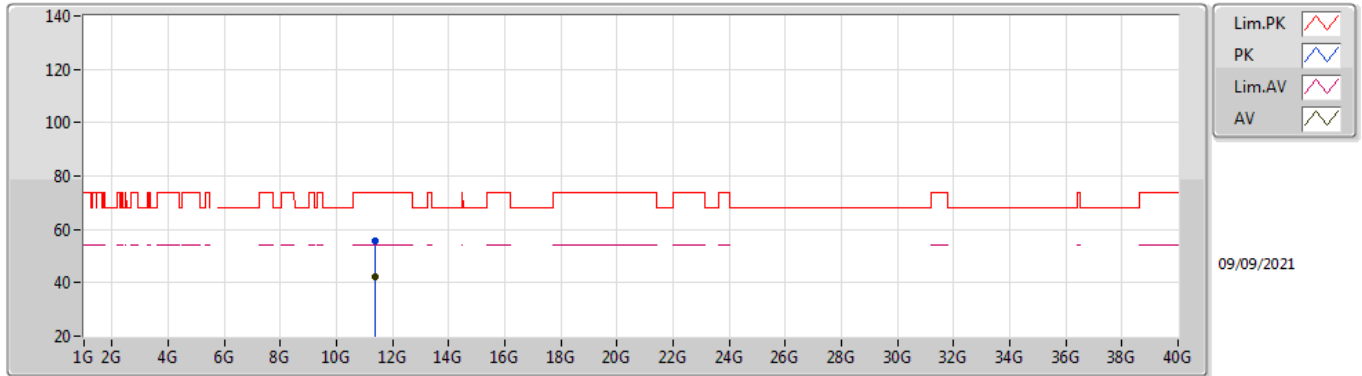
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7008G	98.87	Inf	-Inf	7.11	3	Horizontal	341	1.27	-	91.76	31.90	9.49	34.28
PK	5.7008G	108.00	Inf	-Inf	7.11	3	Horizontal	341	1.27	-	100.89	31.90	9.49	34.28
PK	5.7792G	57.48	68.20	-10.72	7.28	3	Horizontal	341	1.27	-	50.20	32.06	9.51	34.29

802.11a_Nss1,(6Mbps)_4TX

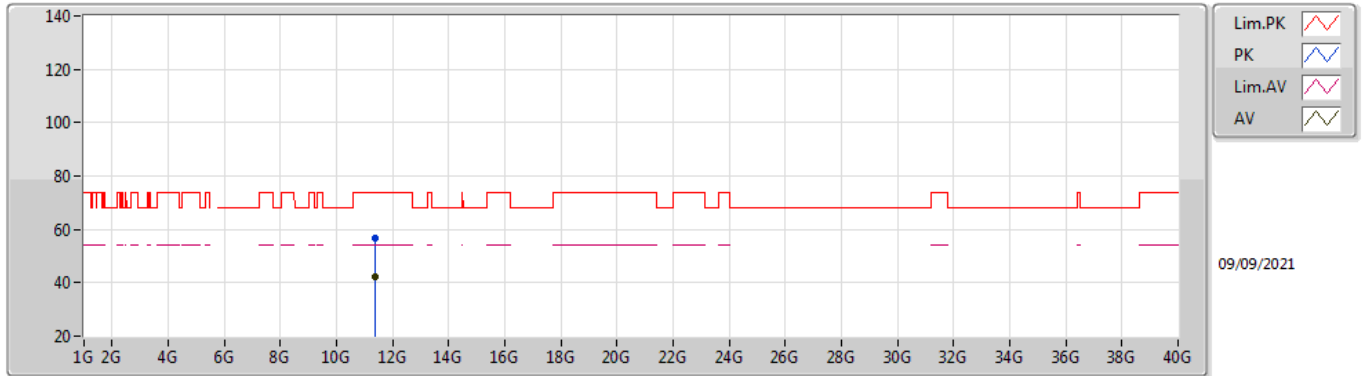
5700MHz_TX



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	11.40105G	42.31	54.00	-11.69	18.53	3	Vertical	152	1.78	-	23.78	39.90	12.80	34.17
PK	11.39954G	55.89	74.00	-18.11	18.53	3	Vertical	152	1.78	-	37.36	39.90	12.80	34.17

802.11a_Nss1,(6Mbps)_4TX

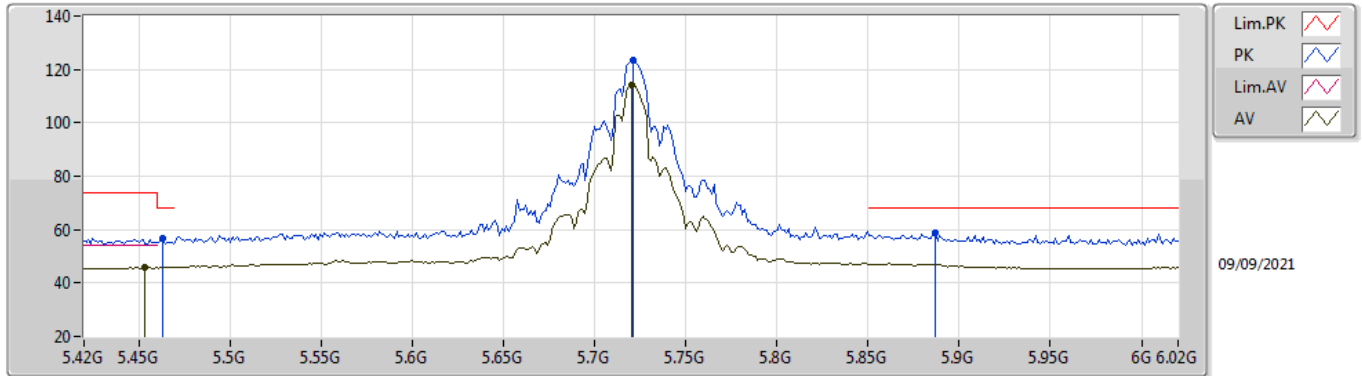
5700MHz_TX



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	11.39924G	42.36	54.00	-11.64	18.53	3	Horizontal	177	2.04	-	23.83	39.90	12.80	34.17
PK	11.39897G	56.80	74.00	-17.20	18.53	3	Horizontal	177	2.04	-	38.27	39.90	12.80	34.17

802.11a_Nss1,(6Mbps)_4TX

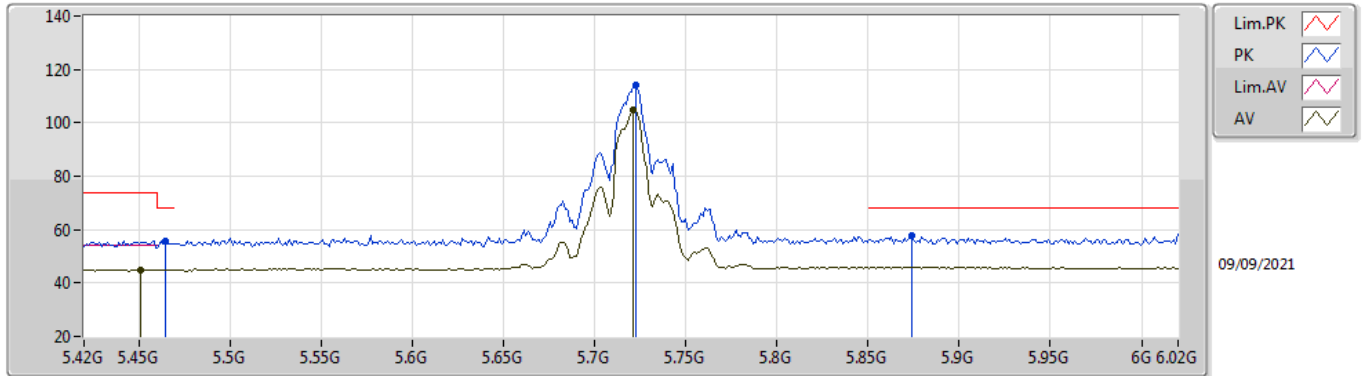
5720MHz Straddle 5.47-5.725GHz_TX



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	5.4536G	45.87	54.00	-8.13	6.79	3	Vertical	276	1.50	-	39.08	31.71	9.34	34.26
AV	5.72G	114.30	Inf	-Inf	7.16	3	Vertical	276	1.50	-	107.14	31.94	9.50	34.28
PK	5.4632G	56.67	68.20	-11.53	6.82	3	Vertical	276	1.50	-	49.85	31.73	9.35	34.26
PK	5.7212G	123.48	Inf	-Inf	7.16	3	Vertical	276	1.50	-	116.32	31.94	9.50	34.28
PK	5.8868G	58.79	68.20	-9.41	7.74	3	Vertical	276	1.50	-	51.05	32.45	9.59	34.30

802.11a_Nss1,(6Mbps)_4TX

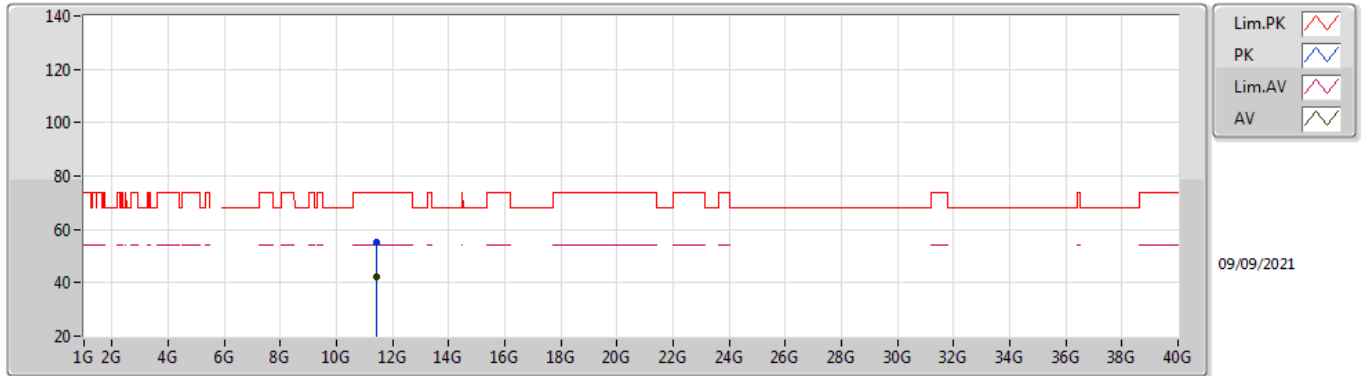
5720MHz Straddle 5.47-5.725GHz_TX



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	5.4512G	44.83	54.00	-9.17	6.78	3	Horizontal	338	1.50	-	38.05	31.70	9.34	34.26
AV	5.7212G	104.90	Inf	-Inf	7.16	3	Horizontal	338	1.50	-	97.74	31.94	9.50	34.28
PK	5.4644G	55.49	68.20	-12.71	6.82	3	Horizontal	338	1.50	-	48.67	31.73	9.35	34.26
PK	5.7224G	114.04	Inf	-Inf	7.16	3	Horizontal	338	1.50	-	106.88	31.94	9.50	34.28
PK	5.8736G	57.76	68.20	-10.44	7.67	3	Horizontal	338	1.50	-	50.09	32.39	9.58	34.30

802.11a_Nss1,(6Mbps)_4TX

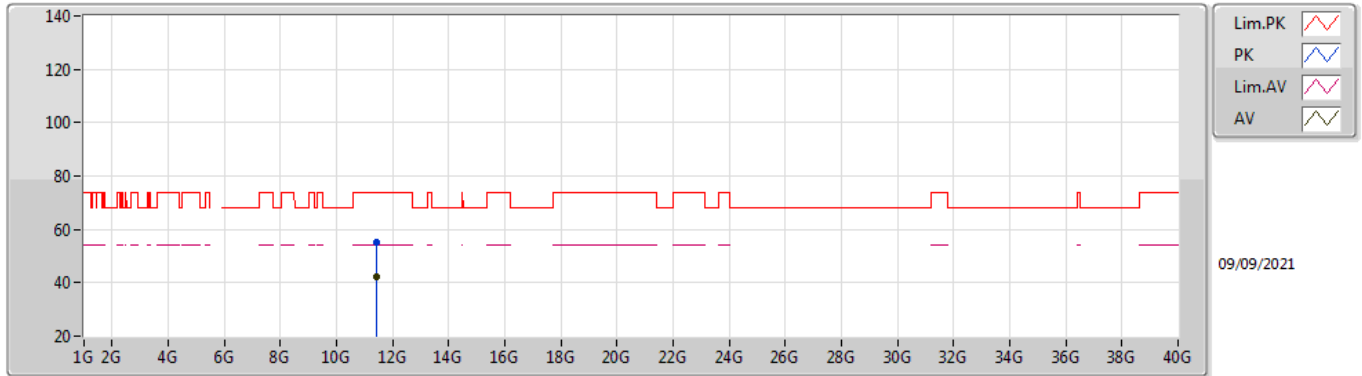
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43975G	42.26	54.00	-11.74	18.63	3	Vertical	21	2.31	-	23.63	39.98	12.81	34.16
PK	11.43876G	55.27	74.00	-18.73	18.63	3	Vertical	21	2.31	-	36.64	39.98	12.81	34.16

802.11a_Nss1,(6Mbps)_4TX

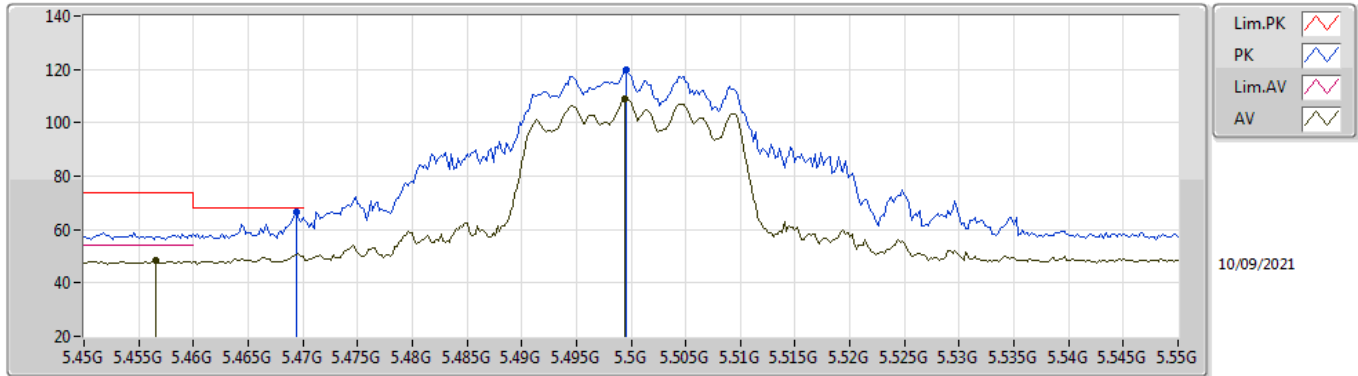
5720MHz Straddle 5.47-5.725GHz_TX



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	11.4415G	42.35	54.00	-11.65	18.64	3	Horizontal	82	2.48	-	23.71	39.98	12.82	34.16
PK	11.43755G	55.36	74.00	-18.64	18.63	3	Horizontal	82	2.48	-	36.73	39.98	12.81	34.16

802.11ax HEW20_Nss1,(MCS0)_4TX

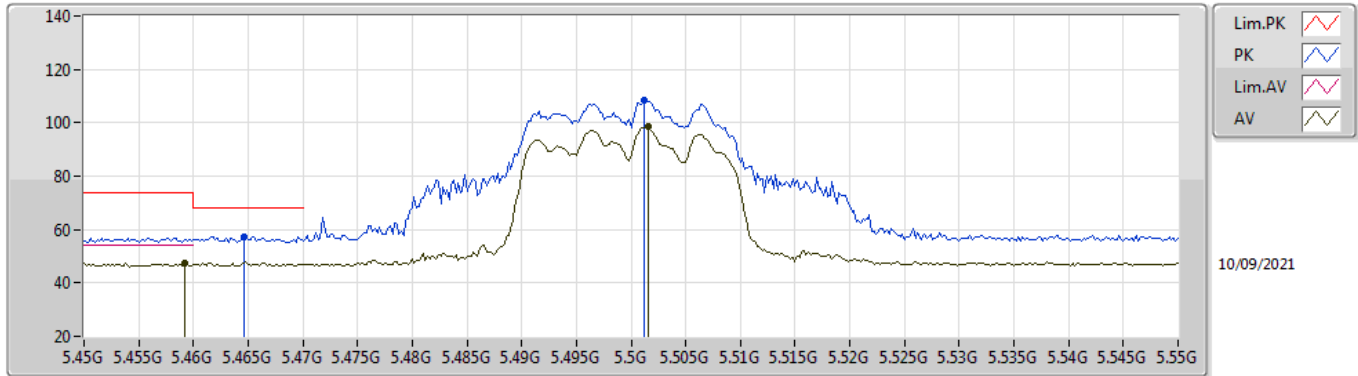
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4566G	48.22	54.00	-5.78	6.80	3	Vertical	305	1.44	-	41.42	31.71	9.35	34.26
AV	5.4994G	108.71	Inf	-Inf	6.92	3	Vertical	305	1.44	-	101.79	31.80	9.38	34.26
PK	5.4694G	66.80	68.20	-1.40	6.84	3	Vertical	305	1.44	-	59.96	31.74	9.36	34.26
PK	5.4996G	119.57	Inf	-Inf	6.92	3	Vertical	305	1.44	-	112.65	31.80	9.38	34.26

802.11ax HEW20_Nss1,(MCS0)_4TX

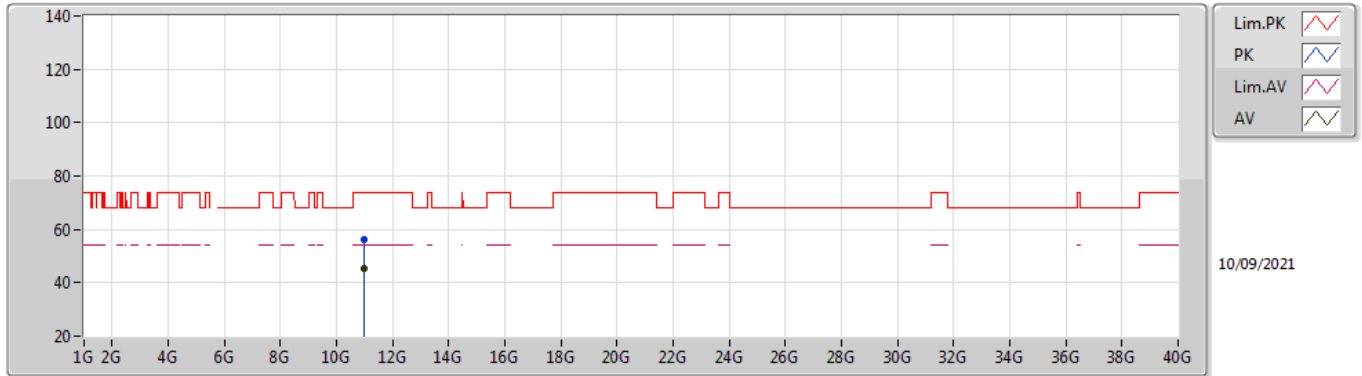
5500MHz_TX



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	5.4592G	47.33	54.00	-6.67	6.81	3	Horizontal	211	1.50	-	40.52	31.72	9.35	34.26
AV	5.5016G	98.45	Inf	-Inf	6.92	3	Horizontal	211	1.50	-	91.53	31.80	9.38	34.26
PK	5.4646G	57.48	68.20	-10.72	6.82	3	Horizontal	211	1.50	-	50.66	31.73	9.35	34.26
PK	5.5012G	108.37	Inf	-Inf	6.92	3	Horizontal	211	1.50	-	101.45	31.80	9.38	34.26

802.11ax HEW20_Nss1,(MCS0)_4TX

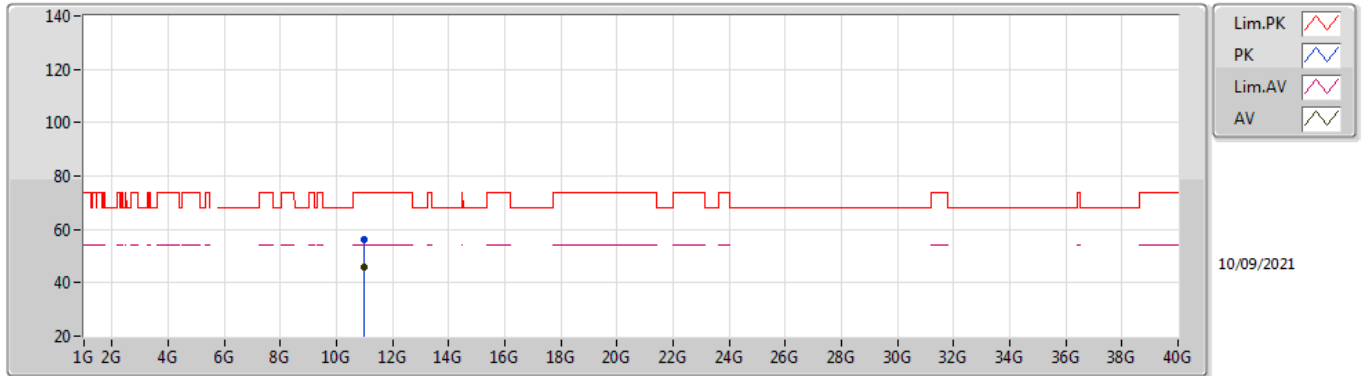
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11G	45.52	54.00	-8.48	18.74	3	Vertical	168	1.50	-	26.78	40.30	12.63	34.19
PK	10.99396G	56.11	74.00	-17.89	18.73	3	Vertical	168	1.50	-	37.38	40.29	12.63	34.19

802.11ax HEW20_Nss1,(MCS0)_4TX

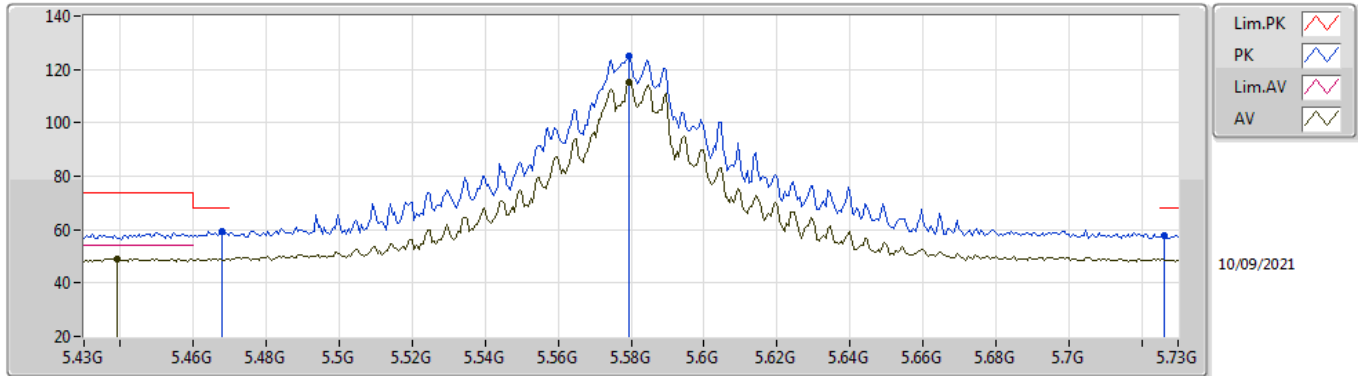
5500MHz_TX



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	11.00008G	45.79	54.00	-8.21	18.74	3	Horizontal	218	1.50	-	27.05	40.30	12.63	34.19
PK	11.00624G	55.99	74.00	-18.01	18.72	3	Horizontal	218	1.50	-	37.27	40.28	12.63	34.19

802.11ax HEW20_Nss1,(MCS0)_4TX

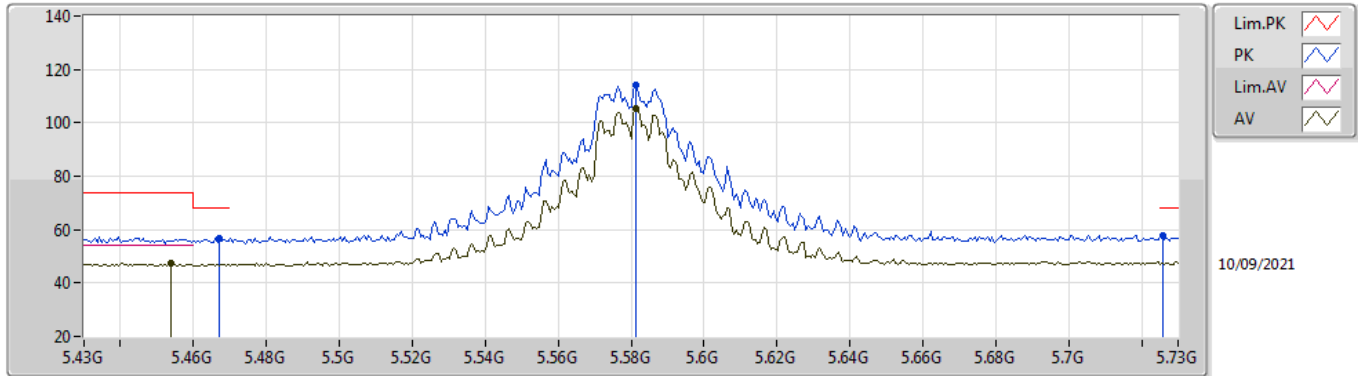
5580MHz_TX



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	5.439G	49.08	54.00	-4.92	6.77	3	Vertical	304	1.43	-	42.31	31.70	9.33	34.26
AV	5.5794G	115.40	Inf	-Inf	6.91	3	Vertical	304	1.43	-	108.49	31.74	9.44	34.27
PK	5.4678G	59.42	68.20	-8.78	6.83	3	Vertical	304	1.43	-	52.59	31.74	9.35	34.26
PK	5.5794G	124.97	Inf	-Inf	6.91	3	Vertical	304	1.43	-	118.06	31.74	9.44	34.27
PK	5.7264G	57.72	68.20	-10.48	7.17	3	Vertical	304	1.43	-	50.55	31.95	9.50	34.28

802.11ax HEW20_Nss1,(MCS0)_4TX

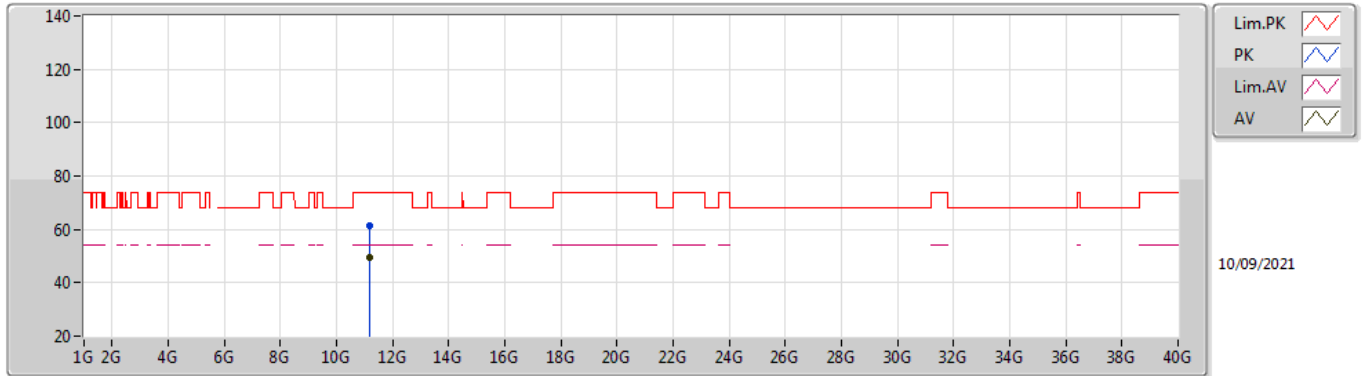
5580MHz_TX



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	5.454G	47.35	54.00	-6.65	6.79	3	Horizontal	43	1.44	-	40.56	31.71	9.34	34.26
AV	5.5812G	105.17	Inf	-Inf	6.91	3	Horizontal	43	1.44	-	98.26	31.74	9.44	34.27
PK	5.4672G	56.75	68.20	-11.45	6.82	3	Horizontal	43	1.44	-	49.93	31.73	9.35	34.26
PK	5.5812G	114.19	Inf	-Inf	6.91	3	Horizontal	43	1.44	-	107.28	31.74	9.44	34.27
PK	5.7258G	57.71	68.20	-10.49	7.17	3	Horizontal	43	1.44	-	50.54	31.95	9.50	34.28

802.11ax HEW20_Nss1,(MCS0)_4TX

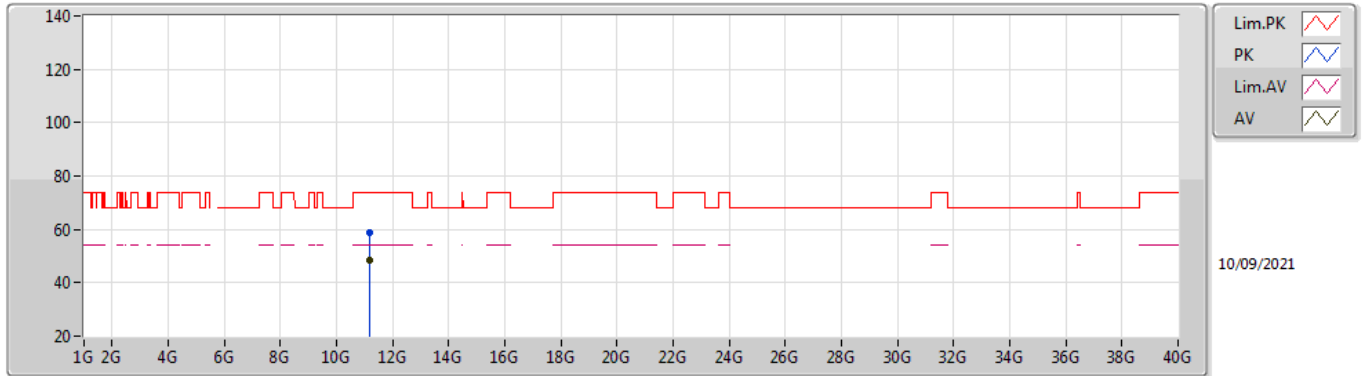
5580MHz_TX



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	11.15692G	49.65	54.00	-4.35	18.19	3	Vertical	188	1.03	-	31.46	39.67	12.70	34.18
PK	11.16216G	61.16	74.00	-12.84	18.17	3	Vertical	188	1.03	-	42.99	39.65	12.70	34.18

802.11ax HEW20_Nss1,(MCS0)_4TX

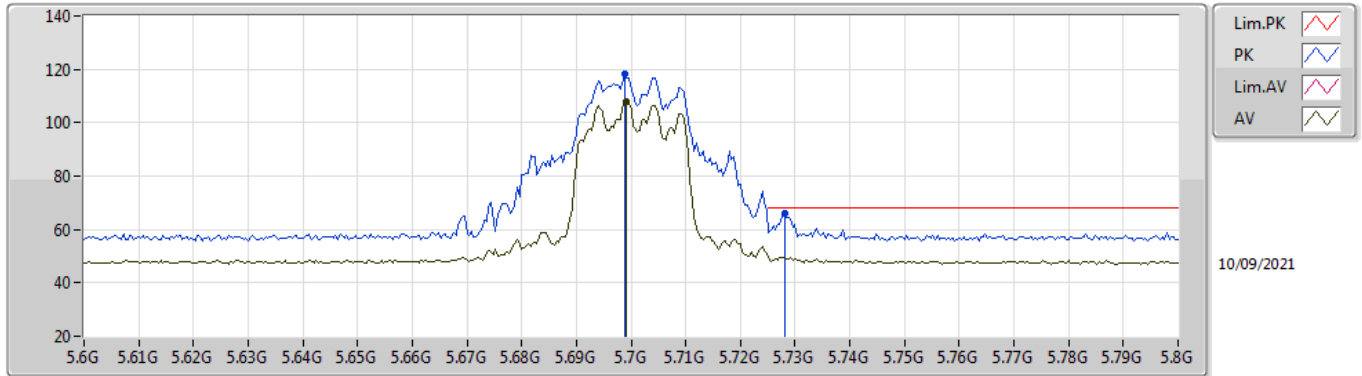
5580MHz_TX



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	11.15744G	48.43	54.00	-5.57	18.19	3	Horizontal	199	1.50	-	30.24	39.67	12.70	34.18
PK	11.16272G	58.71	74.00	-15.29	18.17	3	Horizontal	199	1.50	-	40.54	39.65	12.70	34.18

802.11ax HEW20_Nss1,(MCS0)_4TX

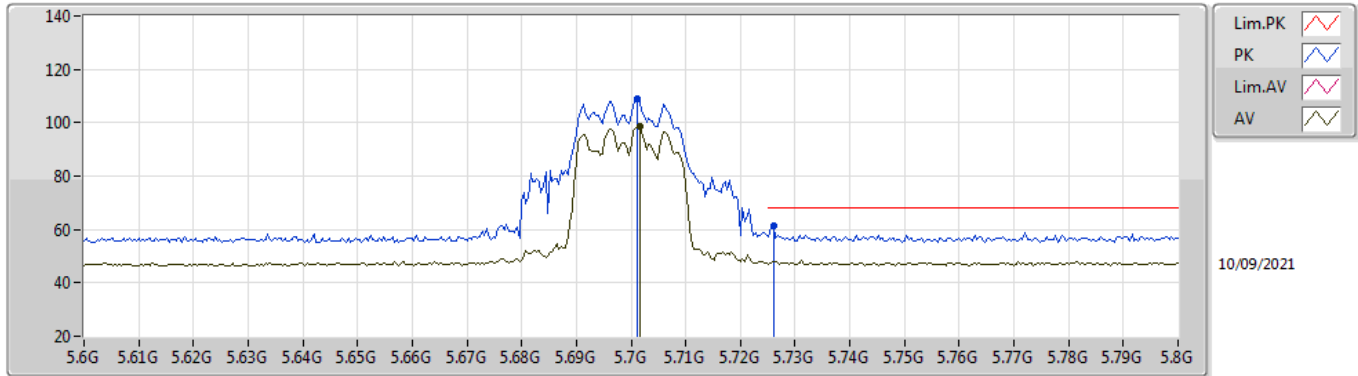
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6992G	108.17	Inf	-Inf	7.11	3	Vertical	303	1.40	-	101.06	31.90	9.49	34.28
PK	5.6988G	118.41	Inf	-Inf	7.10	3	Vertical	303	1.40	-	111.31	31.89	9.49	34.28
PK	5.728G	65.93	68.20	-2.27	7.18	3	Vertical	303	1.40	-	58.75	31.96	9.50	34.28

802.11ax HEW20_Nss1,(MCS0)_4TX

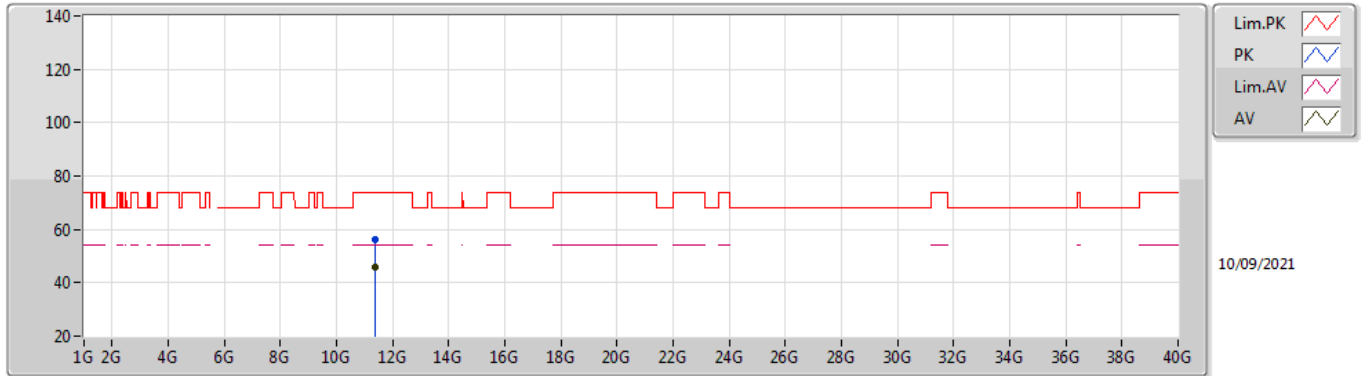
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7016G	98.83	Inf	-Inf	7.11	3	Horizontal	39	1.46	-	91.72	31.90	9.49	34.28
PK	5.7012G	108.94	Inf	-Inf	7.11	3	Horizontal	39	1.46	-	101.83	31.90	9.49	34.28
PK	5.726G	61.40	68.20	-6.80	7.17	3	Horizontal	39	1.46	-	54.23	31.95	9.50	34.28

802.11ax HEW20_Nss1,(MCS0)_4TX

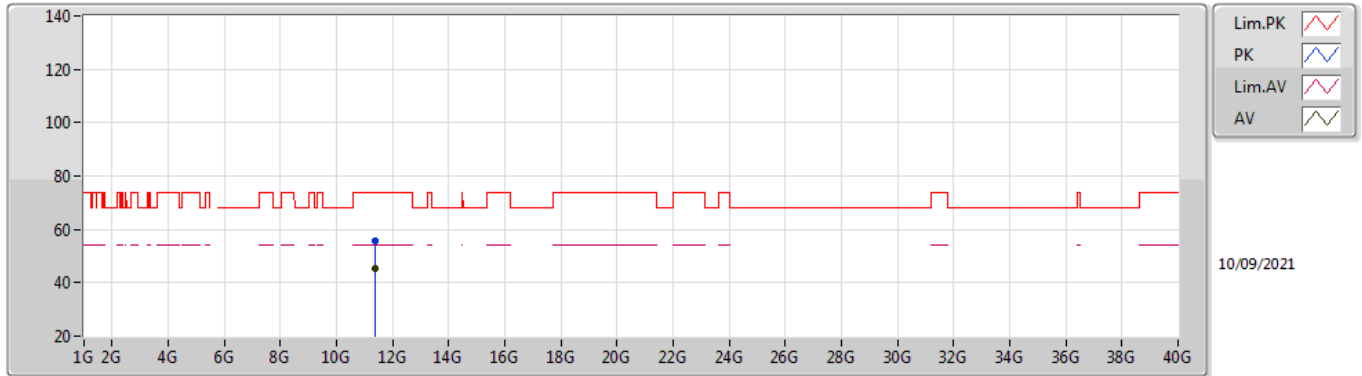
5700MHz_TX



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	11.40016G	45.79	54.00	-8.21	18.53	3	Vertical	233	1.50	-	27.26	39.90	12.80	34.17
PK	11.39792G	56.16	74.00	-17.84	18.52	3	Vertical	233	1.50	-	37.64	39.89	12.80	34.17

802.11ax HEW20_Nss1,(MCS0)_4TX

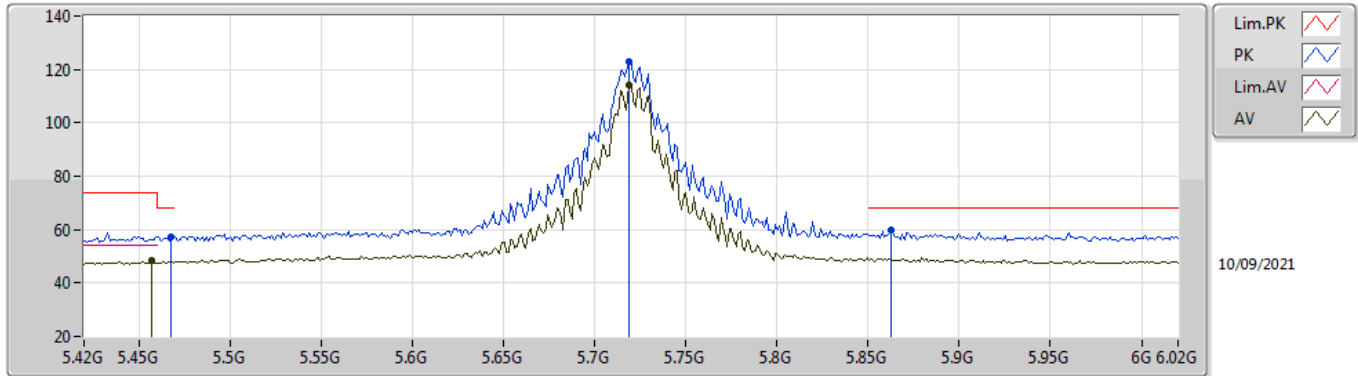
5700MHz_TX



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	11.4G	45.30	54.00	-8.70	18.53	3	Horizontal	116	1.50	-	26.77	39.90	12.80	34.17
PK	11.39592G	55.49	74.00	-18.51	18.52	3	Horizontal	116	1.50	-	36.97	39.89	12.80	34.17

802.11ax HEW20_Nss1,(MCS0)_4TX

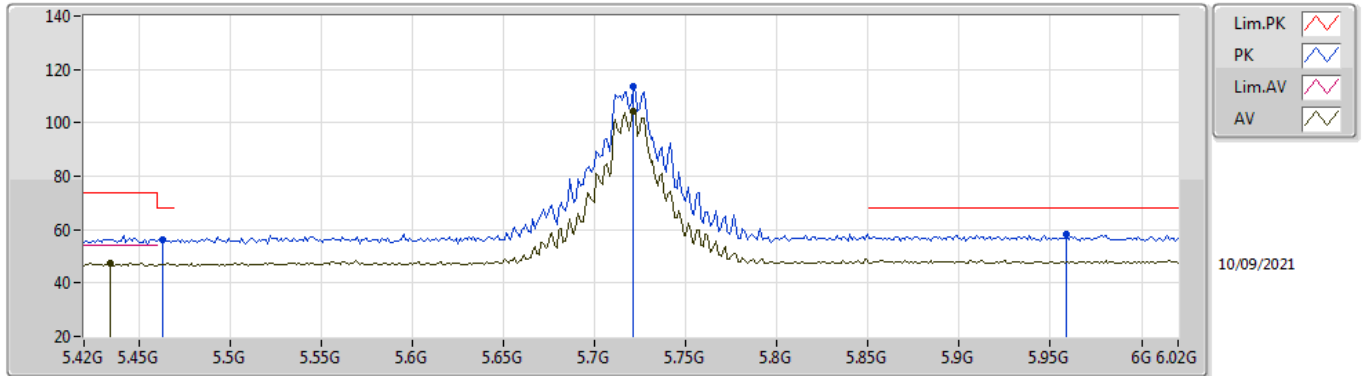
5720MHz Straddle 5.47-5.725GHz_TX



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	5.4572G	48.25	54.00	-5.75	6.80	3	Vertical	309	1.50	-	41.45	31.71	9.35	34.26
AV	5.7188G	114.32	Inf	-Inf	7.16	3	Vertical	309	1.50	-	107.16	31.94	9.50	34.28
PK	5.468G	57.36	68.20	-10.84	6.83	3	Vertical	309	1.50	-	50.53	31.74	9.35	34.26
PK	5.7188G	122.72	Inf	-Inf	7.16	3	Vertical	309	1.50	-	115.56	31.94	9.50	34.28
PK	5.8628G	59.62	68.20	-8.58	7.62	3	Vertical	309	1.50	-	52.00	32.35	9.57	34.30

802.11ax HEW20_Nss1,(MCS0)_4TX

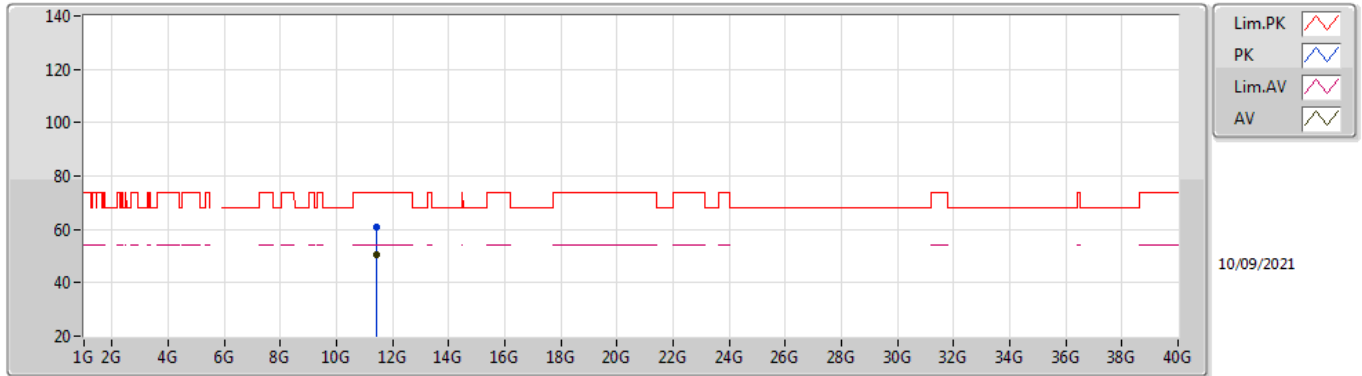
5720MHz Straddle 5.47-5.725GHz_TX



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	5.4344G	47.28	54.00	-6.72	6.78	3	Horizontal	38	1.49	-	40.50	31.70	9.33	34.25
AV	5.7212G	104.53	Inf	-Inf	7.16	3	Horizontal	38	1.49	-	97.37	31.94	9.50	34.28
PK	5.4632G	56.02	68.20	-12.18	6.82	3	Horizontal	38	1.49	-	49.20	31.73	9.35	34.26
PK	5.7212G	113.39	Inf	-Inf	7.16	3	Horizontal	38	1.49	-	106.23	31.94	9.50	34.28
PK	5.9588G	58.46	68.20	-9.74	7.84	3	Horizontal	38	1.49	-	50.62	32.50	9.65	34.31

802.11ax HEW20_Nss1,(MCS0)_4TX

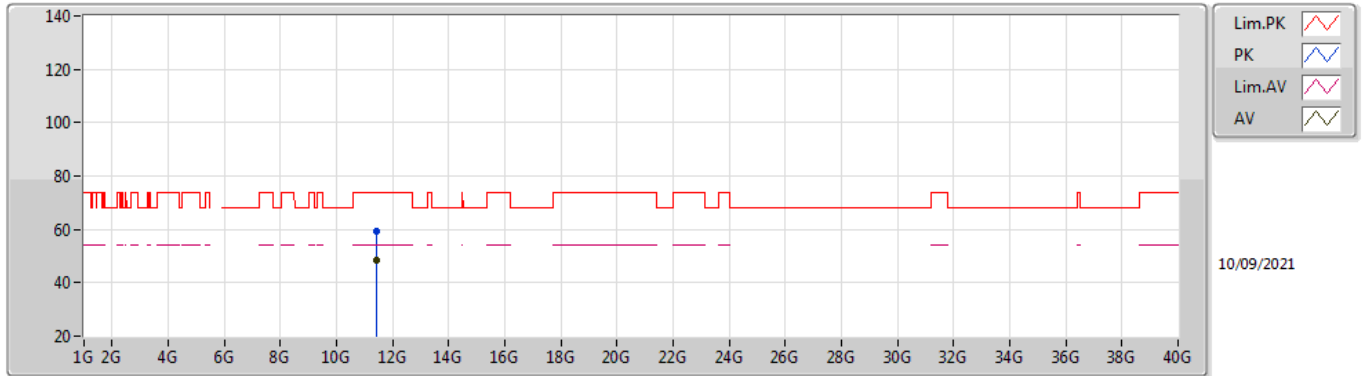
5720MHz Straddle 5.47-5.725GHz_TX



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	11.4388G	50.32	54.00	-3.68	18.63	3	Vertical	217	1.14	-	31.69	39.98	12.81	34.16
PK	11.44356G	61.12	74.00	-12.88	18.65	3	Vertical	217	1.14	-	42.47	39.99	12.82	34.16

802.11ax HEW20_Nss1,(MCS0)_4TX

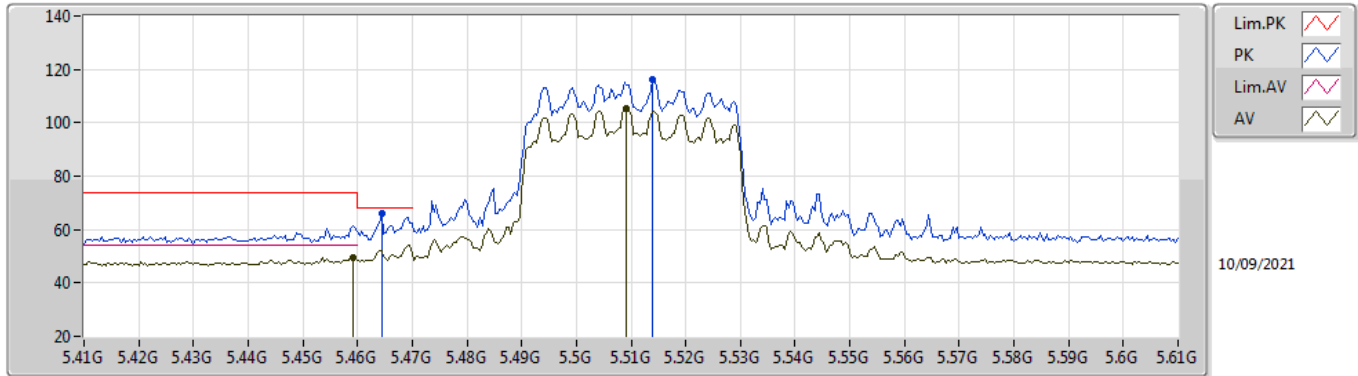
5720MHz Straddle 5.47-5.725GHz_TX



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	11.43928G	48.59	54.00	-5.41	18.63	3	Horizontal	188	1.04	-	29.96	39.98	12.81	34.16
PK	11.43908G	59.10	74.00	-14.90	18.63	3	Horizontal	188	1.04	-	40.47	39.98	12.81	34.16

802.11ax HEW40_Nss1,(MCS0)_4TX

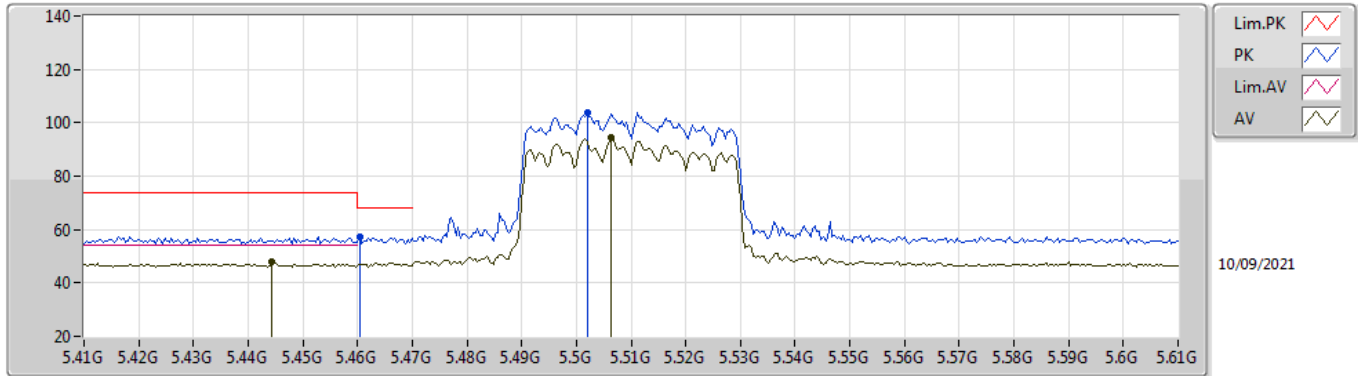
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	49.51	54.00	-4.49	6.81	3	Vertical	299	2.28	-	42.70	31.72	9.35	34.26
AV	5.5092G	105.46	Inf	-Inf	6.93	3	Vertical	299	2.28	-	98.53	31.80	9.39	34.26
PK	5.4644G	66.28	68.20	-1.92	6.82	3	Vertical	299	2.28	-	59.46	31.73	9.35	34.26
PK	5.514G	116.31	Inf	-Inf	6.93	3	Vertical	299	2.28	-	109.38	31.80	9.39	34.26

802.11ax HEW40_Nss1,(MCS0)_4TX

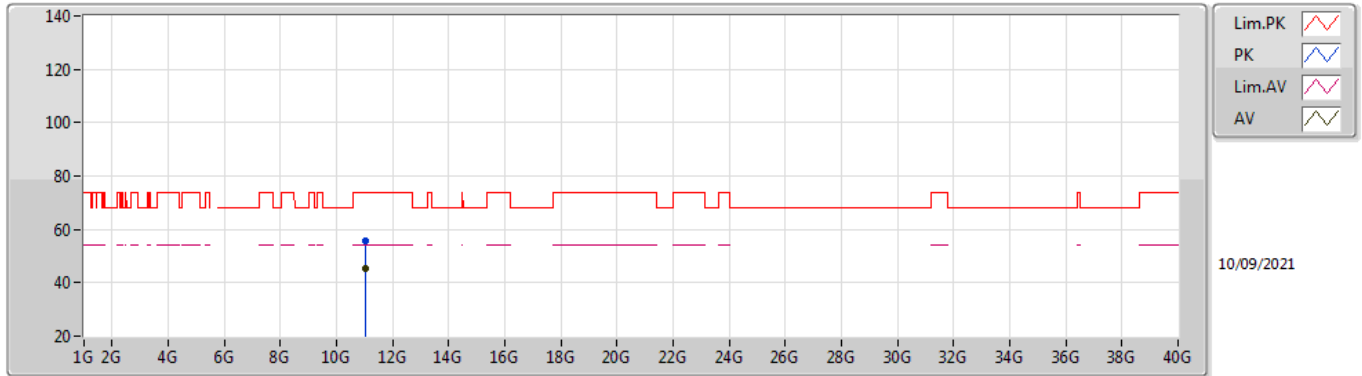
5510MHz_TX



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	5.4444G	47.71	54.00	-6.29	6.78	3	Horizontal	209	1.50	-	40.93	31.70	9.34	34.26
AV	5.5064G	94.35	Inf	-Inf	6.93	3	Horizontal	209	1.50	-	87.42	31.80	9.39	34.26
PK	5.4604G	57.00	68.20	-11.20	6.81	3	Horizontal	209	1.50	-	50.19	31.72	9.35	34.26
PK	5.502G	103.79	Inf	-Inf	6.92	3	Horizontal	209	1.50	-	96.87	31.80	9.38	34.26

802.11ax HEW40_Nss1,(MCS0)_4TX

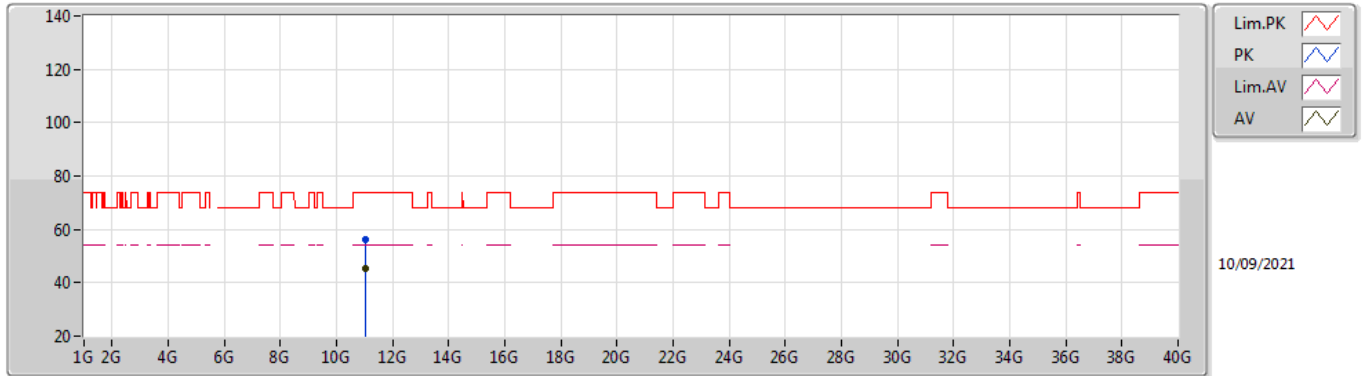
5510MHz_TX



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	11.02008G	45.43	54.00	-8.57	18.67	3	Vertical	163	1.01	-	26.76	40.22	12.64	34.19
PK	11.0292G	55.73	74.00	-18.27	18.63	3	Vertical	163	1.01	-	37.10	40.18	12.64	34.19

802.11ax HEW40_Nss1,(MCS0)_4TX

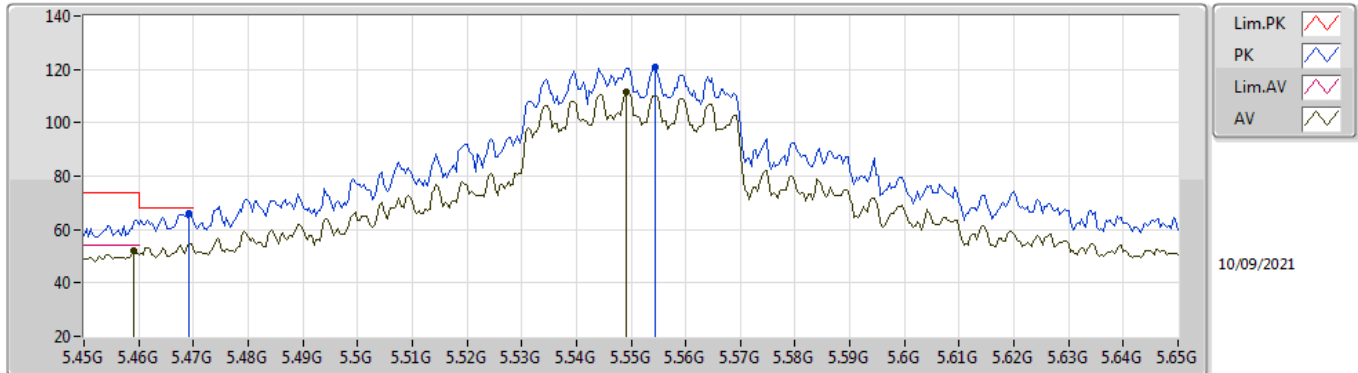
5510MHz_TX



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	11.01984G	45.30	54.00	-8.70	18.67	3	Horizontal	224	1.82	-	26.63	40.22	12.64	34.19
PK	11.01984G	56.28	74.00	-17.72	18.67	3	Horizontal	224	1.82	-	37.61	40.22	12.64	34.19

802.11ax HEW40_Nss1,(MCS0)_4TX

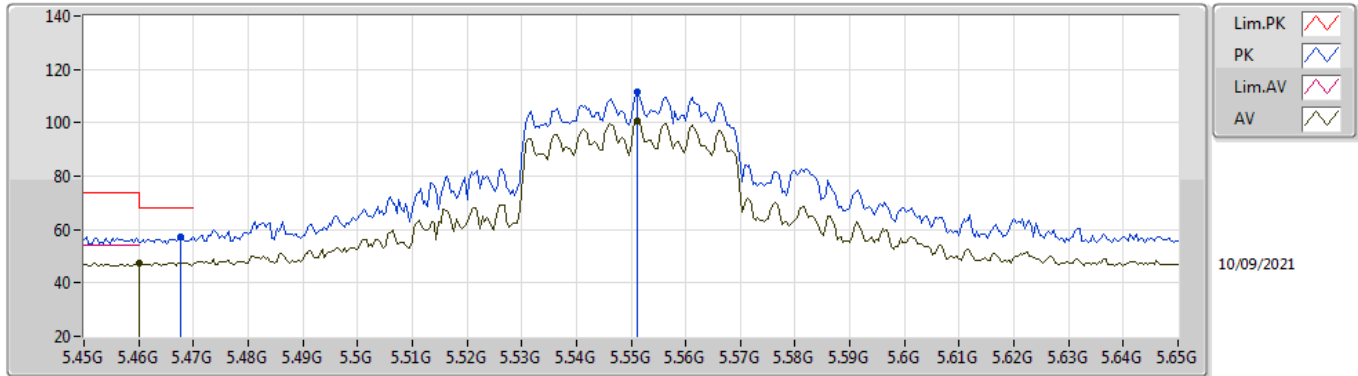
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4592G	52.01	54.00	-1.99	6.81	3	Vertical	301	1.52	-	45.20	31.72	9.35	34.26
AV	5.5492G	111.56	Inf	-Inf	6.96	3	Vertical	301	1.52	-	104.60	31.80	9.42	34.26
PK	5.4692G	65.91	68.20	-2.29	6.84	3	Vertical	301	1.52	-	59.07	31.74	9.36	34.26
PK	5.5544G	120.79	Inf	-Inf	6.94	3	Vertical	301	1.52	-	113.85	31.79	9.42	34.27

802.11ax HEW40_Nss1,(MCS0)_4TX

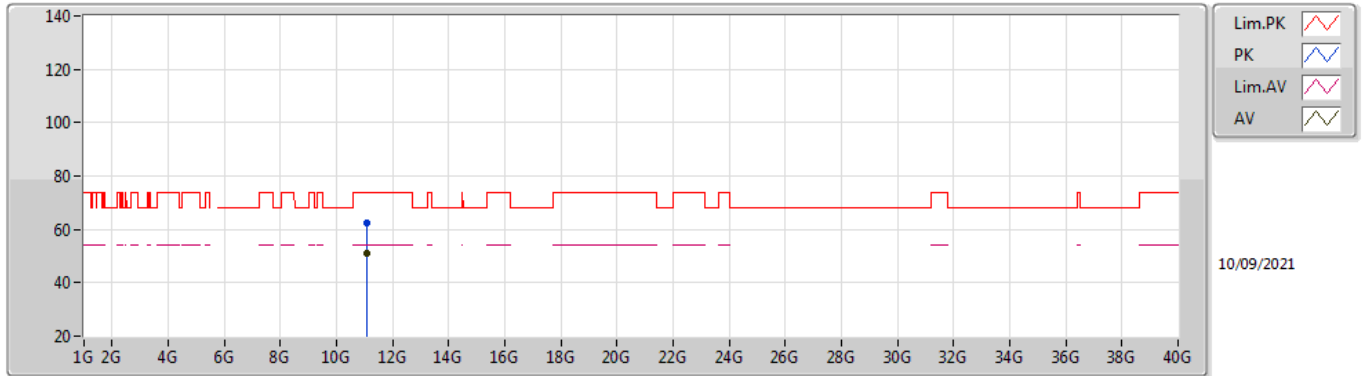
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.50	54.00	-6.50	6.81	3	Horizontal	38	1.54	-	40.69	31.72	9.35	34.26
AV	5.5512G	100.44	Inf	-Inf	6.95	3	Horizontal	38	1.54	-	93.49	31.80	9.42	34.27
PK	5.4676G	57.43	68.20	-10.77	6.83	3	Horizontal	38	1.54	-	50.60	31.74	9.35	34.26
PK	5.5512G	111.41	Inf	-Inf	6.95	3	Horizontal	38	1.54	-	104.46	31.80	9.42	34.27

802.11ax HEW40_Nss1,(MCS0)_4TX

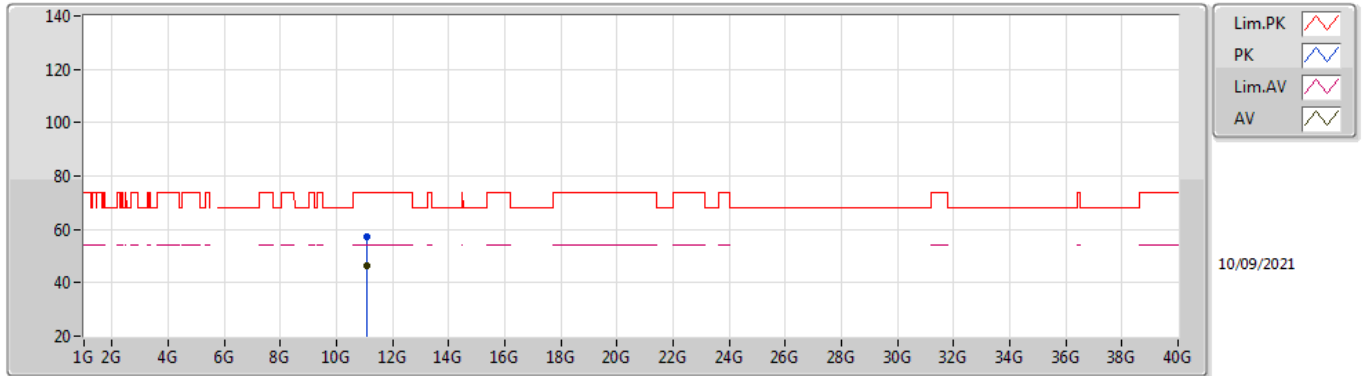
5550MHz_TX



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	11.10008G	51.04	54.00	-2.96	18.39	3	Vertical	131	1.12	-	32.65	39.90	12.67	34.18
PK	11.09496G	62.40	74.00	-11.60	18.41	3	Vertical	131	1.12	-	43.99	39.92	12.67	34.18

802.11ax HEW40_Nss1,(MCS0)_4TX

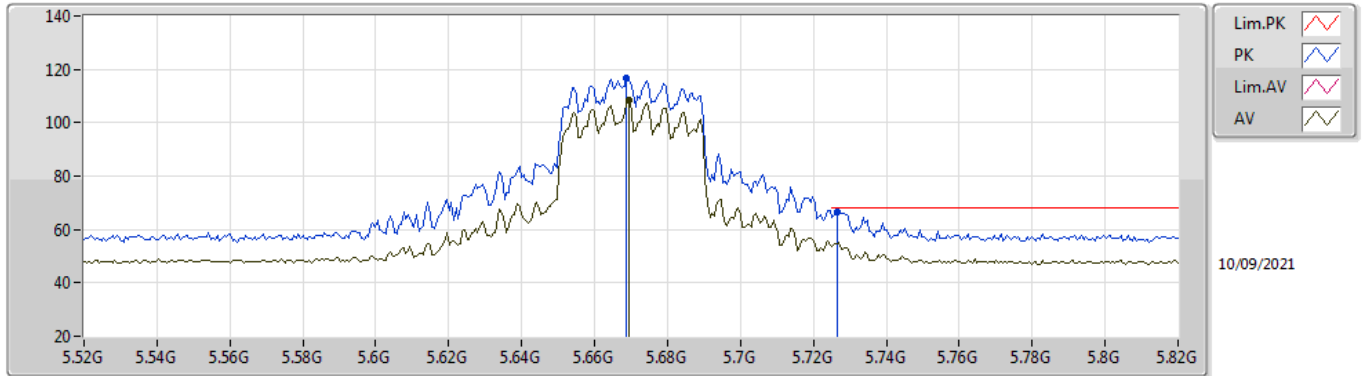
5550MHz_TX



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	11.09808G	46.40	54.00	-7.60	18.40	3	Horizontal	200	2.08	-	28.00	39.91	12.67	34.18
PK	11.10072G	57.36	74.00	-16.64	18.39	3	Horizontal	200	2.08	-	38.97	39.90	12.67	34.18

802.11ax HEW40_Nss1,(MCS0)_4TX

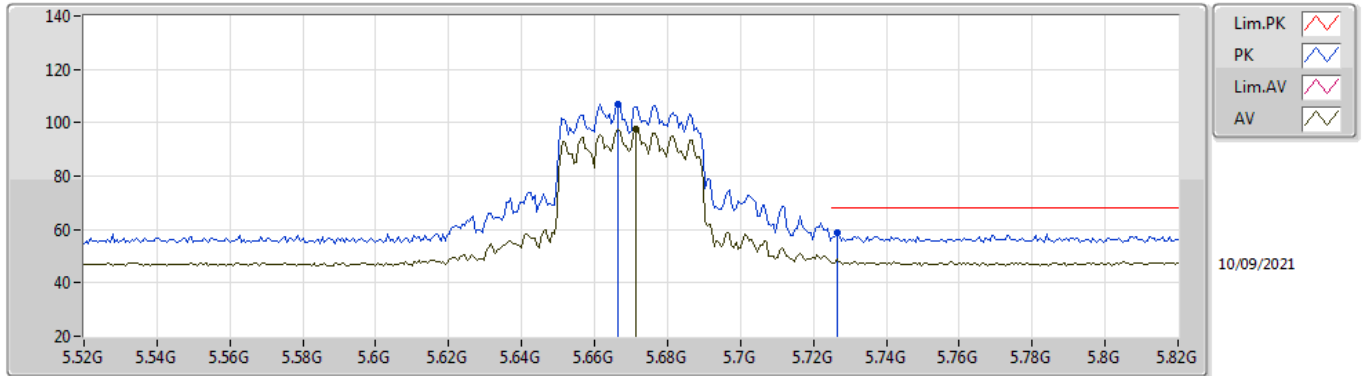
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6694G	108.28	Inf	-Inf	6.92	3	Vertical	303	2.41	-	101.36	31.72	9.48	34.28
PK	5.6688G	116.63	Inf	-Inf	6.91	3	Vertical	303	2.41	-	109.72	31.71	9.48	34.28
PK	5.7264G	66.37	68.20	-1.83	7.17	3	Vertical	303	2.41	-	59.20	31.95	9.50	34.28

802.11ax HEW40_Nss1,(MCS0)_4TX

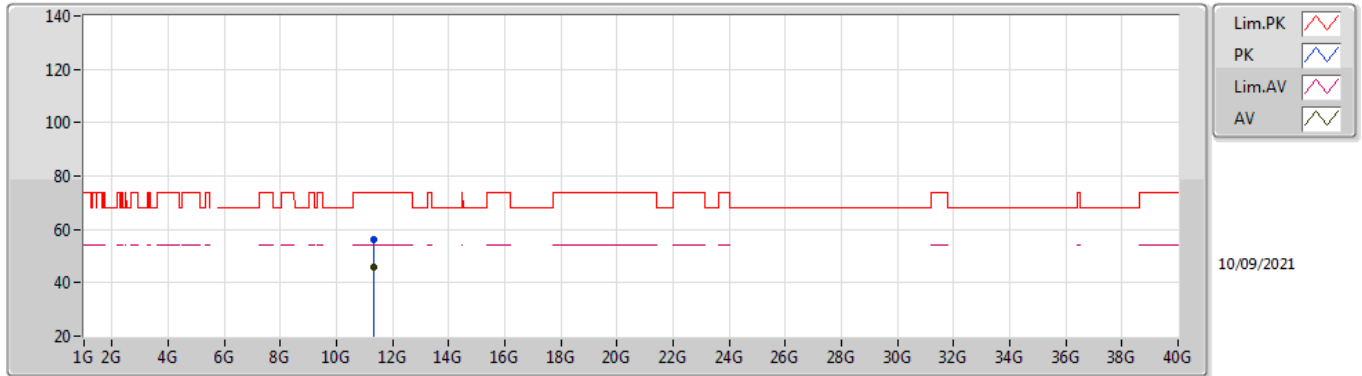
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6712G	97.62	Inf	-Inf	6.93	3	Horizontal	41	1.40	-	90.69	31.73	9.48	34.28
PK	5.6664G	107.08	Inf	-Inf	6.90	3	Horizontal	41	1.40	-	100.18	31.70	9.48	34.28
PK	5.7264G	58.55	68.20	-9.65	7.17	3	Horizontal	41	1.40	-	51.38	31.95	9.50	34.28

802.11ax HEW40_Nss1,(MCS0)_4TX

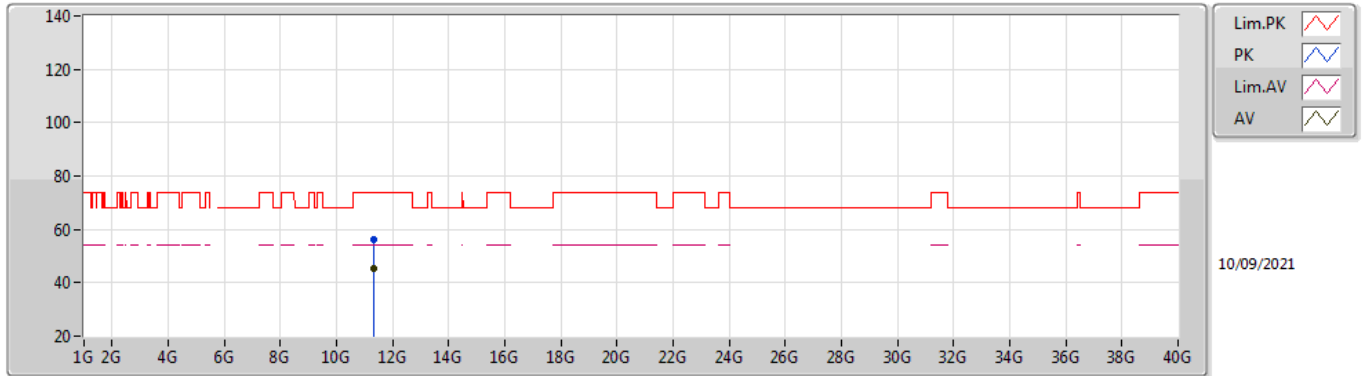
5670MHz_TX



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	11.34008G	45.99	54.00	-8.01	18.32	3	Vertical	225	1.30	-	27.67	39.72	12.77	34.17
PK	11.35192G	56.35	74.00	-17.65	18.37	3	Vertical	225	1.30	-	37.98	39.76	12.78	34.17

802.11ax HEW40_Nss1,(MCS0)_4TX

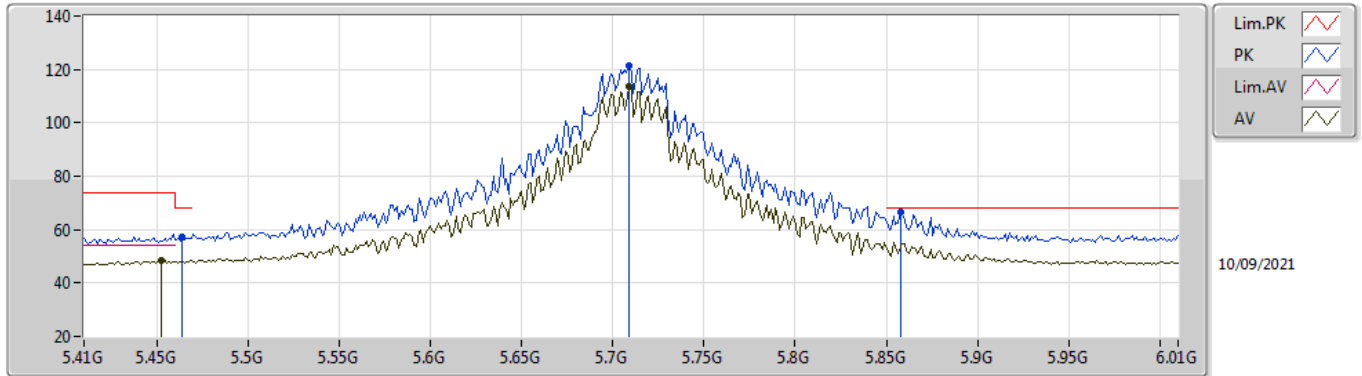
5670MHz_TX



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	11.34728G	45.37	54.00	-8.63	18.35	3	Horizontal	239	2.07	-	27.02	39.74	12.78	34.17
PK	11.32288G	56.41	74.00	-17.59	18.27	3	Horizontal	239	2.07	-	38.14	39.67	12.77	34.17

802.11ax HEW40_Nss1,(MCS0)_4TX

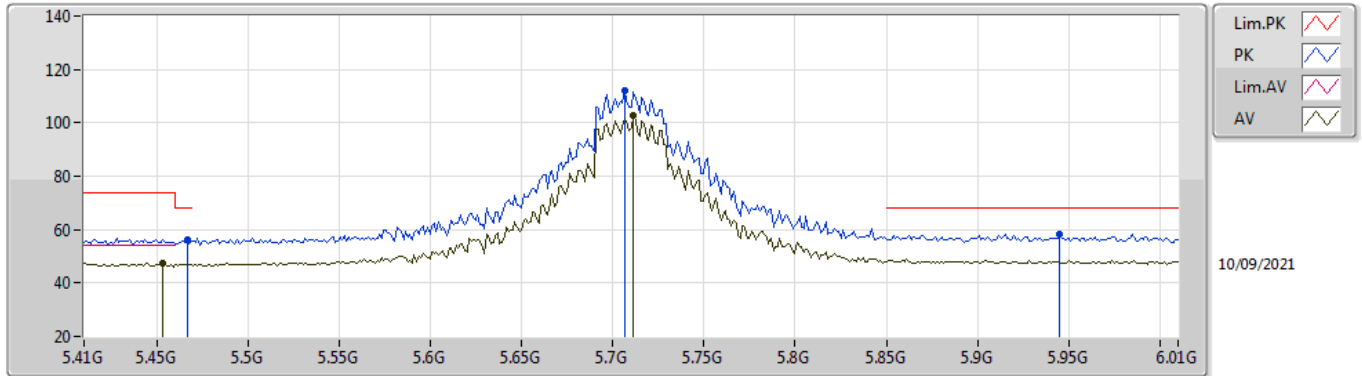
5710MHz Straddle 5.47-5.725GHz_TX



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	5.452G	48.54	54.00	-5.46	6.78	3	Vertical	303	1.34	-	41.76	31.70	9.34	34.26
AV	5.7088G	113.62	Inf	-Inf	7.13	3	Vertical	303	1.34	-	106.49	31.92	9.49	34.28
PK	5.464G	57.26	68.20	-10.94	6.82	3	Vertical	303	1.34	-	50.44	31.73	9.35	34.26
PK	5.7088G	121.54	Inf	-Inf	7.13	3	Vertical	303	1.34	-	114.41	31.92	9.49	34.28
PK	5.8576G	66.43	68.20	-1.77	7.60	3	Vertical	303	1.34	-	58.83	32.33	9.57	34.30

802.11ax HEW40_Nss1,(MCS0)_4TX

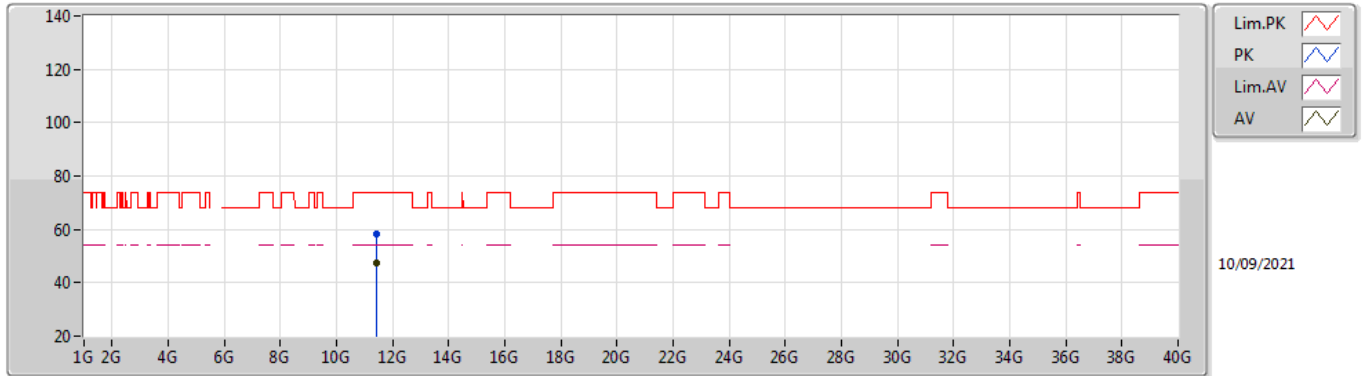
5710MHz Straddle 5.47-5.725GHz_TX



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	5.4532G	47.54	54.00	-6.46	6.79	3	Horizontal	41	1.37	-	40.75	31.71	9.34	34.26
AV	5.7112G	102.94	Inf	-Inf	7.13	3	Horizontal	41	1.37	-	95.81	31.92	9.49	34.28
PK	5.4664G	56.13	68.20	-12.07	6.82	3	Horizontal	41	1.37	-	49.31	31.73	9.35	34.26
PK	5.7064G	111.88	Inf	-Inf	7.12	3	Horizontal	41	1.37	-	104.76	31.91	9.49	34.28
PK	5.9452G	58.37	68.20	-9.83	7.84	3	Horizontal	41	1.37	-	50.53	32.50	9.64	34.30

802.11ax HEW40_Nss1,(MCS0)_4TX

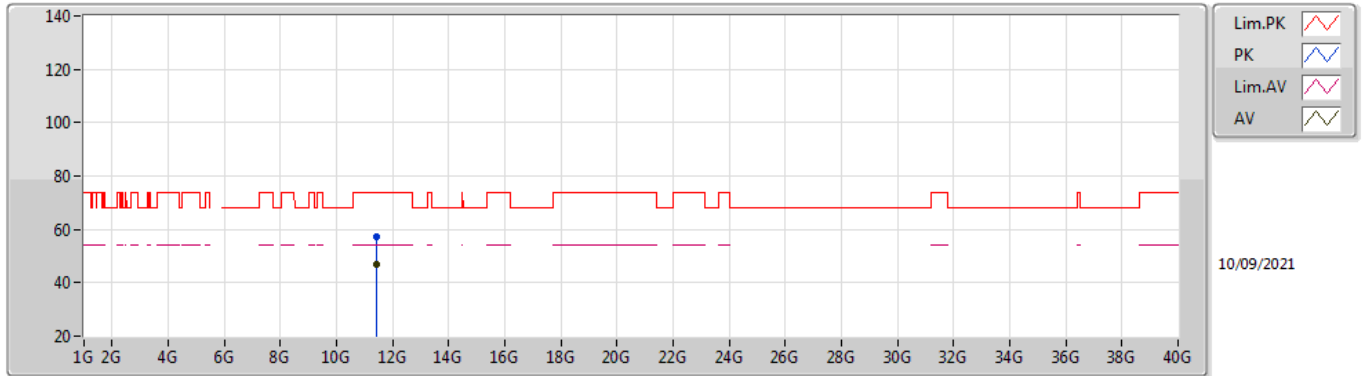
5710MHz Straddle 5.47-5.725GHz_TX



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	11.40872G	47.16	54.00	-6.84	18.55	3	Vertical	216	1.51	-	28.61	39.92	12.80	34.17
PK	11.42368G	58.28	74.00	-15.72	18.60	3	Vertical	216	1.51	-	39.68	39.95	12.81	34.16

802.11ax HEW40_Nss1,(MCS0)_4TX

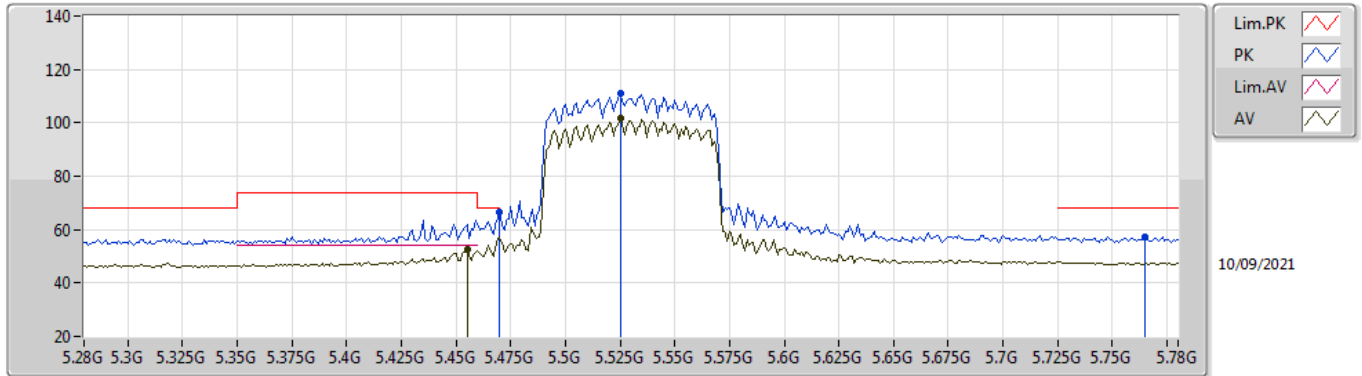
5710MHz Straddle 5.47-5.725GHz_TX



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	11.41736G	46.96	54.00	-7.04	18.58	3	Horizontal	188	1.00	-	28.38	39.93	12.81	34.16
PK	11.40856G	57.32	74.00	-16.68	18.55	3	Horizontal	188	1.00	-	38.77	39.92	12.80	34.17

802.11ax HEW80_Nss1,(MCS0)_4TX

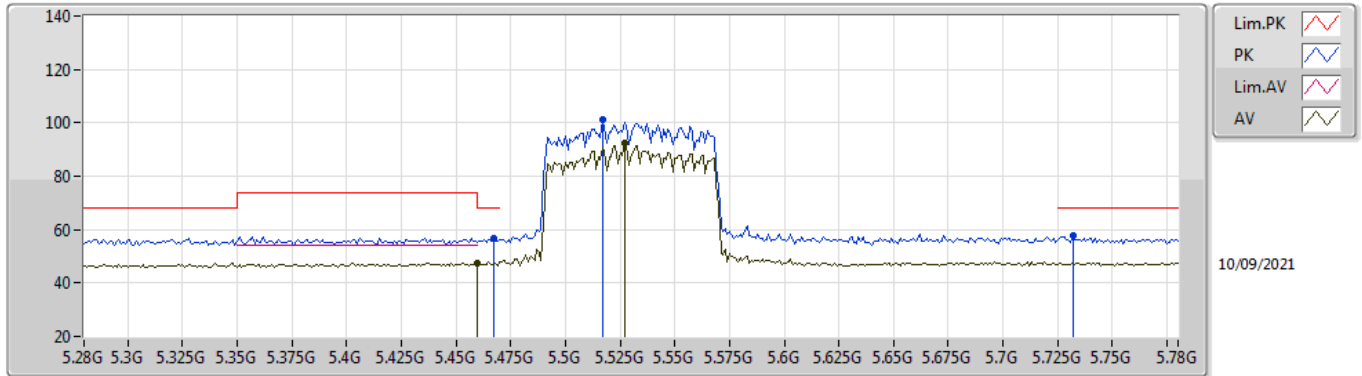
5530MHz_TX



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	5.455G	52.58	54.00	-1.42	6.79	3	Vertical	95	1.50	-	45.79	31.71	9.34	34.26
AV	5.525G	101.67	Inf	-Inf	6.94	3	Vertical	95	1.50	-	94.73	31.80	9.40	34.26
PK	5.47G	66.31	68.20	-1.89	6.84	3	Vertical	95	1.50	-	59.47	31.74	9.36	34.26
PK	5.525G	111.08	Inf	-Inf	6.94	3	Vertical	95	1.50	-	104.14	31.80	9.40	34.26
PK	5.765G	57.34	68.20	-10.86	7.25	3	Vertical	95	1.50	-	50.09	32.03	9.51	34.29

802.11ax HEW80_Nss1,(MCS0)_4TX

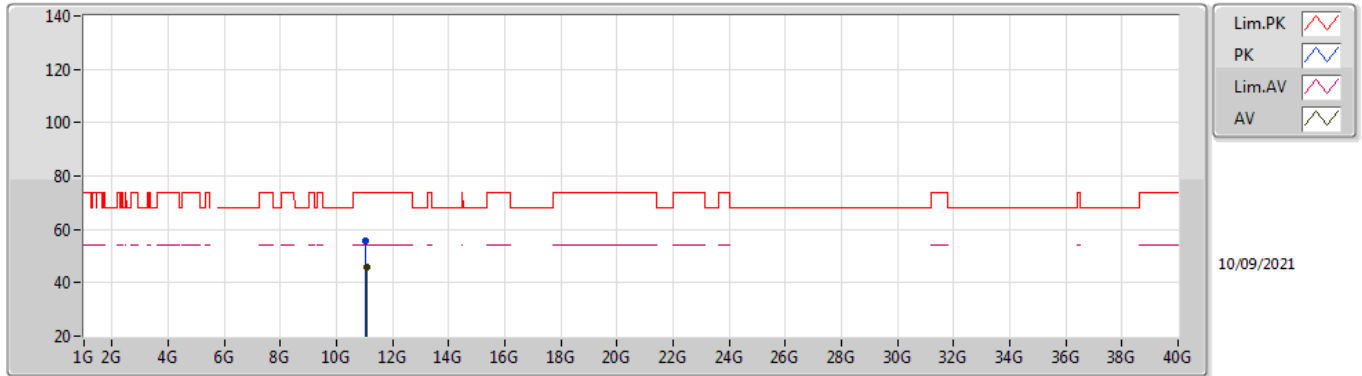
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.57	54.00	-6.43	6.81	3	Horizontal	39	1.50	-	40.76	31.72	9.35	34.26
AV	5.527G	92.21	Inf	-Inf	6.94	3	Horizontal	39	1.50	-	85.27	31.80	9.40	34.26
PK	5.467G	56.70	68.20	-11.50	6.82	3	Horizontal	39	1.50	-	49.88	31.73	9.35	34.26
PK	5.517G	101.12	Inf	-Inf	6.93	3	Horizontal	39	1.50	-	94.19	31.80	9.39	34.26
PK	5.732G	57.66	68.20	-10.54	7.18	3	Horizontal	39	1.50	-	50.48	31.96	9.50	34.28

802.11ax HEW80_Nss1,(MCS0)_4TX

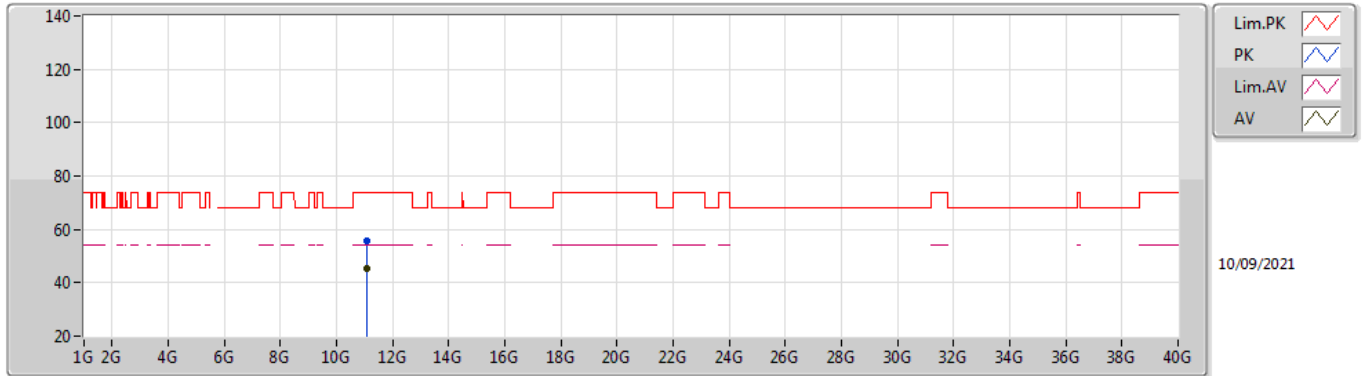
5530MHz_TX



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	11.05992G	45.87	54.00	-8.13	18.53	3	Vertical	201	1.00	-	27.34	40.06	12.66	34.19
PK	11.04536G	55.44	74.00	-18.56	18.58	3	Vertical	201	1.00	-	36.86	40.12	12.65	34.19

802.11ax HEW80_Nss1,(MCS0)_4TX

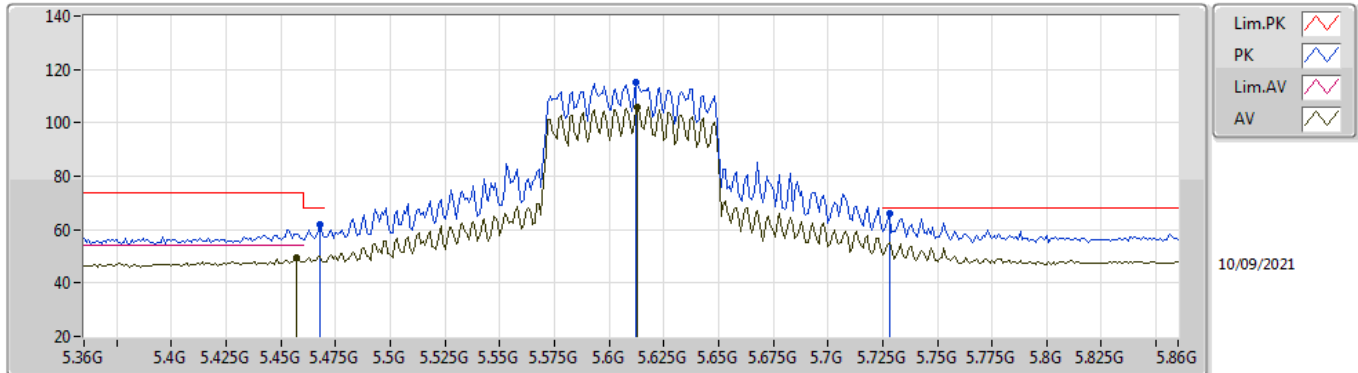
5530MHz_TX



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	11.06008G	45.18	54.00	-8.82	18.53	3	Horizontal	232	2.12	-	26.65	40.06	12.66	34.19
PK	11.07752G	55.70	74.00	-18.30	18.46	3	Horizontal	232	2.12	-	37.24	39.99	12.66	34.19

802.11ax HEW80_Nss1,(MCS0)_4TX

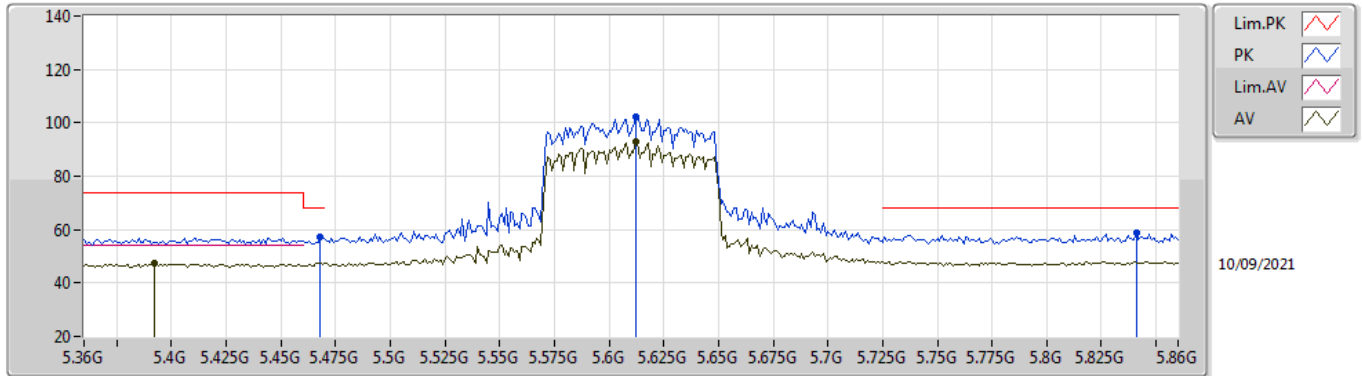
5610MHz_TX



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	5.457G	49.41	54.00	-4.59	6.80	3	Vertical	288	2.28	-	42.61	31.71	9.35	34.26
AV	5.613G	105.80	Inf	-Inf	6.86	3	Vertical	288	2.28	-	98.94	31.67	9.46	34.27
PK	5.468G	61.68	68.20	-6.52	6.83	3	Vertical	288	2.28	-	54.85	31.74	9.35	34.26
PK	5.612G	115.11	Inf	-Inf	6.87	3	Vertical	288	2.28	-	108.24	31.68	9.46	34.27
PK	5.728G	66.28	68.20	-1.92	7.18	3	Vertical	288	2.28	-	59.10	31.96	9.50	34.28

802.11ax HEW80_Nss1,(MCS0)_4TX

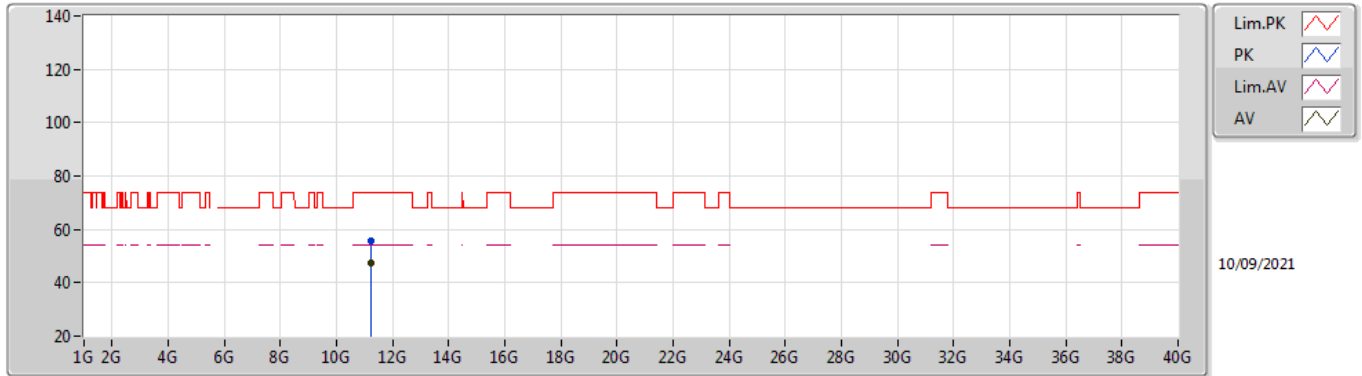
5610MHz_TX



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	5.392G	47.19	54.00	-6.81	6.68	3	Horizontal	38	1.34	-	40.51	31.64	9.29	34.25
AV	5.612G	92.76	Inf	-Inf	6.87	3	Horizontal	38	1.34	-	85.89	31.68	9.46	34.27
PK	5.468G	57.11	68.20	-11.09	6.83	3	Horizontal	38	1.34	-	50.28	31.74	9.35	34.26
PK	5.612G	102.12	Inf	-Inf	6.87	3	Horizontal	38	1.34	-	95.25	31.68	9.46	34.27
PK	5.841G	58.75	68.20	-9.45	7.52	3	Horizontal	38	1.34	-	51.23	32.26	9.55	34.29

802.11ax HEW80_Nss1,(MCS0)_4TX

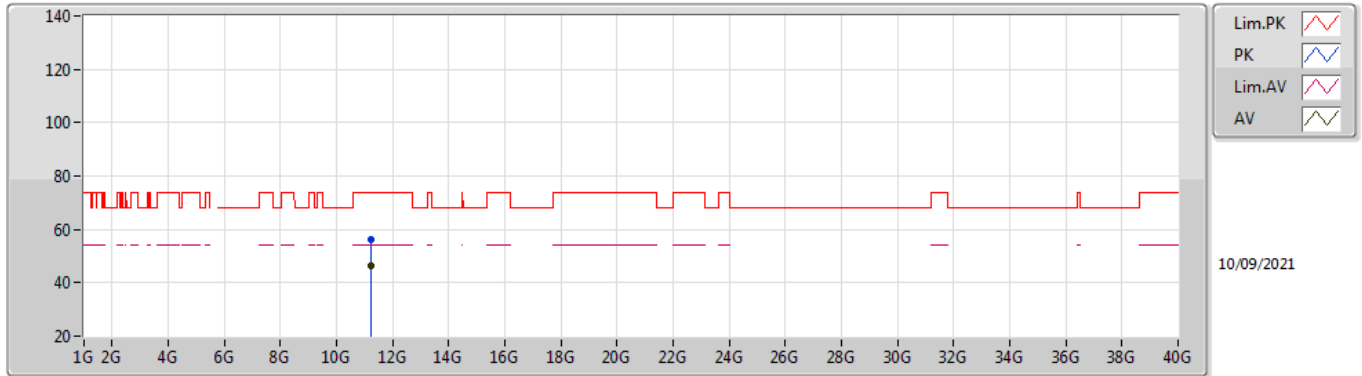
5610MHz_TX



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	11.22008G	47.35	54.00	-6.65	18.06	3	Vertical	222	1.32	-	29.29	39.52	12.72	34.18
PK	11.23776G	55.72	74.00	-18.28	18.09	3	Vertical	222	1.32	-	37.63	39.54	12.73	34.18

802.11ax HEW80_Nss1,(MCS0)_4TX

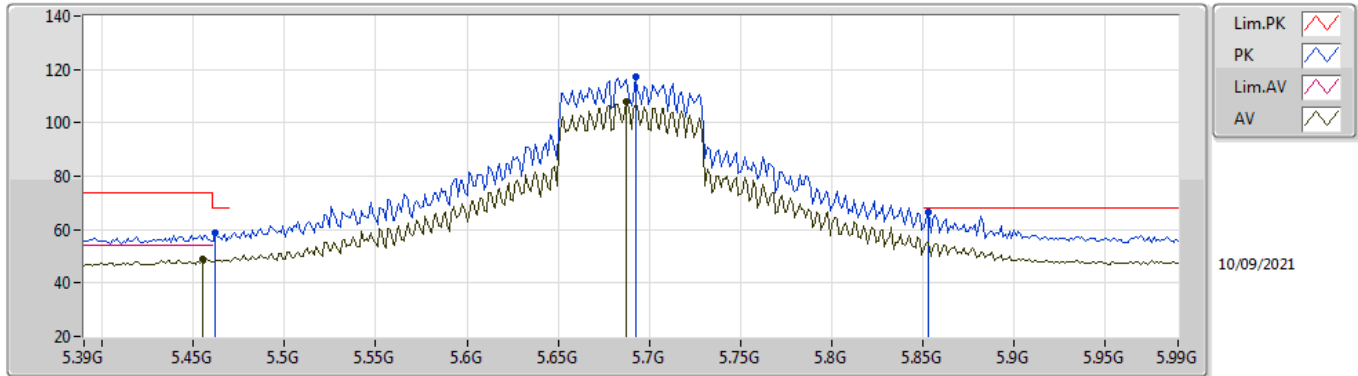
5610MHz_TX



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	11.22G	46.33	54.00	-7.67	18.06	3	Horizontal	191	1.00	-	28.27	39.52	12.72	34.18
PK	11.21744G	56.30	74.00	-17.70	18.06	3	Horizontal	191	1.00	-	38.24	39.52	12.72	34.18

802.11ax HEW80_Nss1,(MCS0)_4TX

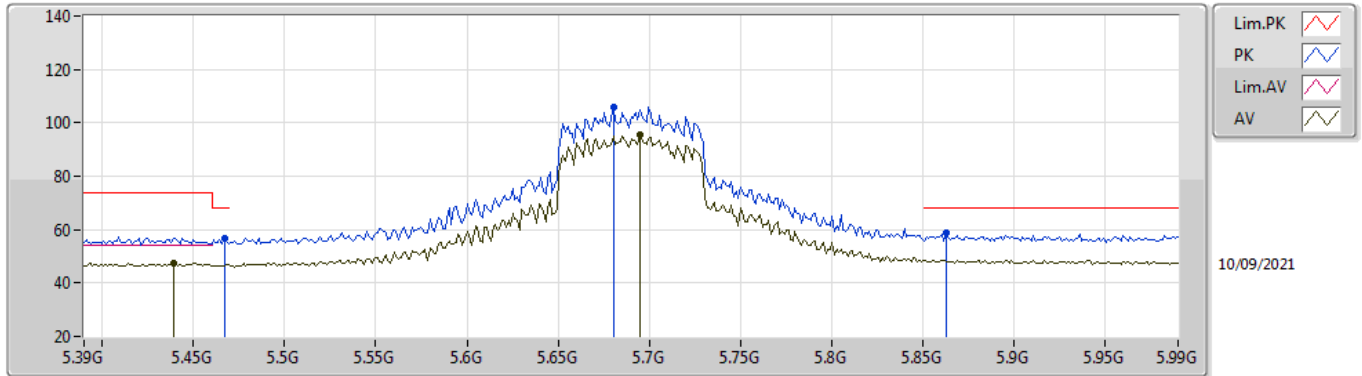
5690MHz Straddle 5.47-5.725GHz_TX



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	5.4548G	48.73	54.00	-5.27	6.79	3	Vertical	274	1.50	-	41.94	31.71	9.34	34.26
AV	5.6876G	107.97	Inf	-Inf	7.04	3	Vertical	274	1.50	-	100.93	31.83	9.49	34.28
PK	5.462G	58.57	68.20	-9.63	6.81	3	Vertical	274	1.50	-	51.76	31.72	9.35	34.26
PK	5.6924G	116.99	Inf	-Inf	7.06	3	Vertical	274	1.50	-	109.93	31.85	9.49	34.28
PK	5.8532G	66.30	68.20	-1.90	7.57	3	Vertical	274	1.50	-	58.73	32.31	9.56	34.30

802.11ax HEW80_Nss1,(MCS0)_4TX

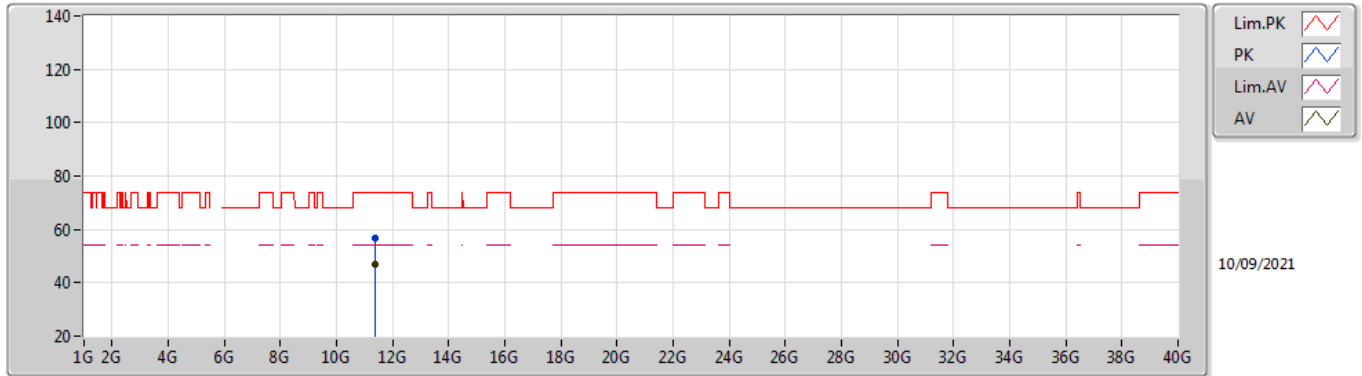
5690MHz Straddle 5.47-5.725GHz_TX



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	5.4392G	47.24	54.00	-6.76	6.77	3	Horizontal	158	1.50	-	40.47	31.70	9.33	34.26
AV	5.6948G	95.66	Inf	-Inf	7.08	3	Horizontal	158	1.50	-	88.58	31.87	9.49	34.28
PK	5.4668G	56.49	68.20	-11.71	6.82	3	Horizontal	158	1.50	-	49.67	31.73	9.35	34.26
PK	5.6804G	105.74	Inf	-Inf	6.98	3	Horizontal	158	1.50	-	98.76	31.78	9.48	34.28
PK	5.8628G	58.56	68.20	-9.64	7.62	3	Horizontal	158	1.50	-	50.94	32.35	9.57	34.30

802.11ax HEW80_Nss1,(MCS0)_4TX

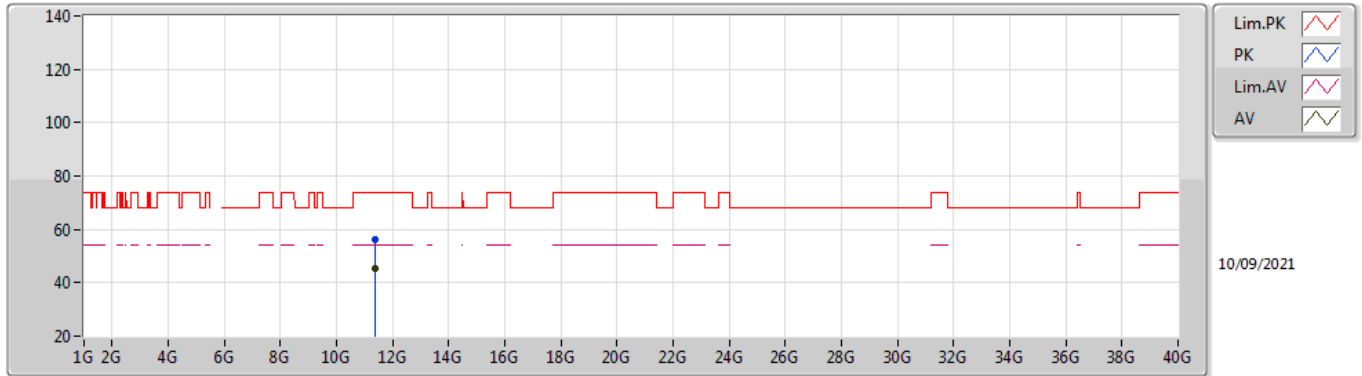
5690MHz Straddle 5.47-5.725GHz_TX



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	11.36392G	46.66	54.00	-7.34	18.40	3	Vertical	242	1.50	-	28.26	39.79	12.78	34.17
PK	11.37392G	56.79	74.00	-17.21	18.44	3	Vertical	242	1.50	-	38.35	39.82	12.79	34.17

802.11ax HEW80_Nss1,(MCS0)_4TX

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	11.38008G	45.44	54.00	-8.56	18.46	3	Horizontal	208	1.01	-	26.98	39.84	12.79	34.17
PK	11.36392G	56.09	74.00	-17.91	18.40	3	Horizontal	208	1.01	-	37.69	39.79	12.78	34.17



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.7256G	66.77	68.20	-1.43	3	Vertical	73	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.727G	67.09	68.20	-1.11	3	Vertical	51	1.57	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.465G	66.90	68.20	-1.30	3	Vertical	63	1.50	-

Result

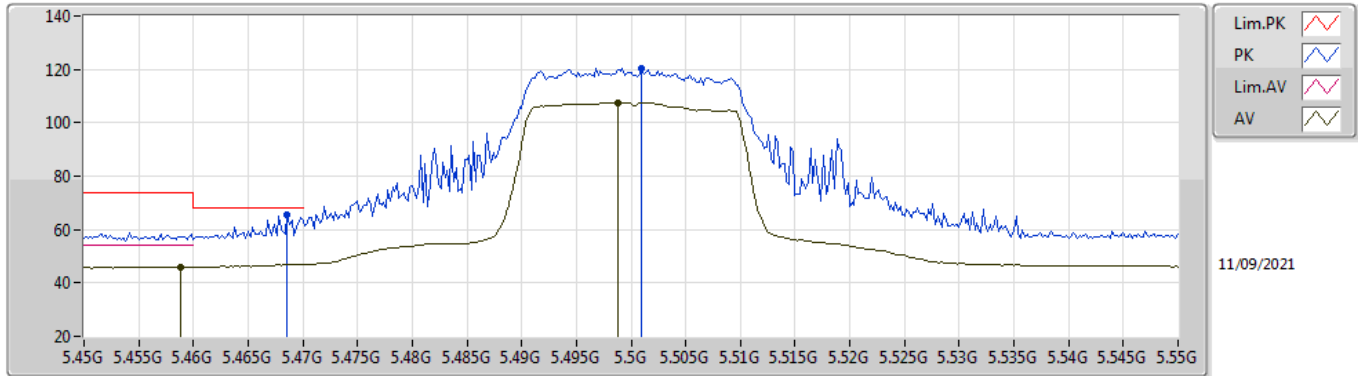
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.4588G	45.97	54.00	-8.03	3	Vertical	92	2.21	-
5500MHz	Pass	AV	5.4988G	107.64	Inf	-Inf	3	Vertical	92	2.21	-
5500MHz	Pass	PK	5.4686G	65.52	68.20	-2.68	3	Vertical	92	2.21	-
5500MHz	Pass	PK	5.501G	120.49	Inf	-Inf	3	Vertical	92	2.21	-
5500MHz	Pass	AV	5.4596G	44.90	54.00	-9.10	3	Horizontal	157	1.62	-
5500MHz	Pass	AV	5.4992G	96.06	Inf	-Inf	3	Horizontal	157	1.62	-
5500MHz	Pass	PK	5.469G	58.79	68.20	-9.41	3	Horizontal	157	1.62	-
5500MHz	Pass	PK	5.4998G	108.29	Inf	-Inf	3	Horizontal	157	1.62	-
5500MHz	Pass	AV	10.99996G	43.82	54.00	-10.18	3	Vertical	148	1.50	-
5500MHz	Pass	PK	11.0006G	56.94	74.00	-17.06	3	Vertical	148	1.50	-
5500MHz	Pass	AV	11.00004G	42.96	54.00	-11.04	3	Horizontal	133	1.77	-
5500MHz	Pass	PK	10.99228G	55.57	74.00	-18.43	3	Horizontal	133	1.77	-
5580MHz	Pass	AV	5.4582G	46.48	54.00	-7.52	3	Vertical	84	1.88	-
5580MHz	Pass	AV	5.5788G	112.98	Inf	-Inf	3	Vertical	84	1.88	-
5580MHz	Pass	PK	5.4612G	58.01	68.20	-10.19	3	Vertical	84	1.88	-
5580MHz	Pass	PK	5.5824G	125.52	Inf	-Inf	3	Vertical	84	1.88	-
5580MHz	Pass	PK	5.73G	57.96	68.20	-10.24	3	Vertical	84	1.88	-
5580MHz	Pass	AV	5.4408G	44.42	54.00	-9.58	3	Horizontal	165	1.50	-
5580MHz	Pass	AV	5.5812G	98.13	Inf	-Inf	3	Horizontal	165	1.50	-
5580MHz	Pass	PK	5.4654G	55.69	68.20	-12.51	3	Horizontal	165	1.50	-
5580MHz	Pass	PK	5.5812G	109.28	Inf	-Inf	3	Horizontal	165	1.50	-
5580MHz	Pass	PK	5.7258G	56.90	68.20	-11.30	3	Horizontal	165	1.50	-
5580MHz	Pass	AV	11.16008G	43.21	54.00	-10.79	3	Vertical	204	1.40	-
5580MHz	Pass	PK	11.16028G	55.26	74.00	-18.74	3	Vertical	204	1.40	-
5580MHz	Pass	AV	11.16008G	42.34	54.00	-11.66	3	Horizontal	187	1.00	-
5580MHz	Pass	PK	11.16812G	55.43	74.00	-18.57	3	Horizontal	187	1.00	-
5700MHz	Pass	AV	5.6992G	101.30	Inf	-Inf	3	Vertical	73	1.50	-
5700MHz	Pass	PK	5.6996G	113.73	Inf	-Inf	3	Vertical	73	1.50	-
5700MHz	Pass	PK	5.7256G	66.77	68.20	-1.43	3	Vertical	73	1.50	-
5700MHz	Pass	AV	5.6992G	88.88	Inf	-Inf	3	Horizontal	315	1.49	-
5700MHz	Pass	PK	5.7008G	100.55	Inf	-Inf	3	Horizontal	315	1.49	-
5700MHz	Pass	PK	5.7684G	57.28	68.20	-10.92	3	Horizontal	315	1.49	-
5700MHz	Pass	AV	11.3912G	41.95	54.00	-12.05	3	Vertical	79	1.47	-
5700MHz	Pass	PK	11.3986G	55.42	74.00	-18.58	3	Vertical	79	1.47	-
5700MHz	Pass	AV	11.40132G	42.02	54.00	-11.98	3	Horizontal	222	1.83	-
5700MHz	Pass	PK	11.40344G	55.69	74.00	-18.31	3	Horizontal	222	1.83	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.438G	44.82	54.00	-9.18	3	Vertical	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	104.46	Inf	-Inf	3	Vertical	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	55.70	68.20	-12.50	3	Vertical	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	116.02	Inf	-Inf	3	Vertical	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8844G	58.62	68.20	-9.58	3	Vertical	51	1.48	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4332G	44.34	54.00	-9.66	3	Horizontal	200	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.72G	91.22	Inf	-Inf	3	Horizontal	200	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	55.29	68.20	-12.91	3	Horizontal	200	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.72G	101.78	Inf	-Inf	3	Horizontal	200	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8832G	57.51	68.20	-10.69	3	Horizontal	200	1.50	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44648G	42.18	54.00	-11.82	3	Vertical	78	1.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44052G	55.53	74.00	-18.47	3	Vertical	78	1.07	-
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4396G	42.12	54.00	-11.88	3	Horizontal	57	2.06	-
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44504G	55.69	74.00	-18.31	3	Horizontal	57	2.06	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	AV	5.46G	46.69	54.00	-7.31	3	Vertical	61	1.60	-
5510MHz	Pass	AV	5.5088G	98.50	Inf	-Inf	3	Vertical	61	1.60	-
5510MHz	Pass	PK	5.4672G	66.77	68.20	-1.43	3	Vertical	61	1.60	-
5510MHz	Pass	PK	5.5088G	112.39	Inf	-Inf	3	Vertical	61	1.60	-
5510MHz	Pass	AV	5.4112G	44.79	54.00	-9.21	3	Horizontal	79	1.41	-
5510MHz	Pass	AV	5.5112G	84.76	Inf	-Inf	3	Horizontal	79	1.41	-
5510MHz	Pass	PK	5.4656G	56.69	68.20	-11.51	3	Horizontal	79	1.41	-
5510MHz	Pass	PK	5.5088G	97.24	Inf	-Inf	3	Horizontal	79	1.41	-
5510MHz	Pass	AV	11.01992G	42.76	54.00	-11.24	3	Vertical	181	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5510MHz	Pass	PK	11.01472G	56.25	74.00	-17.75	3	Vertical	181	1.50	-
5510MHz	Pass	AV	11.02G	42.92	54.00	-11.08	3	Horizontal	153	1.50	-
5510MHz	Pass	PK	11.02848G	56.17	74.00	-17.83	3	Horizontal	153	1.50	-
5550MHz	Pass	AV	5.4596G	46.19	54.00	-7.81	3	Vertical	57	1.41	-
5550MHz	Pass	AV	5.5488G	101.13	Inf	-Inf	3	Vertical	57	1.41	-
5550MHz	Pass	PK	5.47G	60.44	68.20	-7.76	3	Vertical	57	1.41	-
5550MHz	Pass	PK	5.5512G	114.32	Inf	-Inf	3	Vertical	57	1.41	-
5550MHz	Pass	AV	5.45G	44.59	54.00	-9.41	3	Horizontal	201	1.52	-
5550MHz	Pass	AV	5.552G	87.39	Inf	-Inf	3	Horizontal	201	1.52	-
5550MHz	Pass	PK	5.4616G	56.38	68.20	-11.82	3	Horizontal	201	1.52	-
5550MHz	Pass	PK	5.5508G	100.68	Inf	-Inf	3	Horizontal	201	1.52	-
5550MHz	Pass	AV	11.10272G	45.52	54.00	-8.48	3	Vertical	86	1.03	-
5550MHz	Pass	PK	11.10384G	62.95	74.00	-11.05	3	Vertical	86	1.03	-
5550MHz	Pass	AV	11.10528G	42.92	54.00	-11.08	3	Horizontal	299	1.00	-
5550MHz	Pass	PK	11.10936G	56.02	74.00	-17.98	3	Horizontal	299	1.00	-
5670MHz	Pass	AV	5.6718G	100.53	Inf	-Inf	3	Vertical	51	1.57	-
5670MHz	Pass	PK	5.6712G	112.96	Inf	-Inf	3	Vertical	51	1.57	-
5670MHz	Pass	PK	5.727G	67.09	68.20	-1.11	3	Vertical	51	1.57	-
5670MHz	Pass	AV	5.6718G	88.23	Inf	-Inf	3	Horizontal	223	1.50	-
5670MHz	Pass	PK	5.673G	100.94	Inf	-Inf	3	Horizontal	223	1.50	-
5670MHz	Pass	PK	5.7348G	58.68	68.20	-9.52	3	Horizontal	223	1.50	-
5670MHz	Pass	AV	11.3324G	43.02	54.00	-10.98	3	Vertical	55	1.40	-
5670MHz	Pass	PK	11.344G	56.64	74.00	-17.36	3	Vertical	55	1.40	-
5670MHz	Pass	AV	11.33968G	42.63	54.00	-11.37	3	Horizontal	212	1.50	-
5670MHz	Pass	PK	11.32472G	55.57	74.00	-18.43	3	Horizontal	212	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4376G	45.14	54.00	-8.86	3	Vertical	52	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	101.35	Inf	-Inf	3	Vertical	52	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	56.69	68.20	-11.51	3	Vertical	52	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7052G	113.79	Inf	-Inf	3	Vertical	52	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8792G	58.27	68.20	-9.93	3	Vertical	52	1.22	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4148G	44.76	54.00	-9.24	3	Horizontal	223	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7088G	89.22	Inf	-Inf	3	Horizontal	223	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4616G	56.03	68.20	-12.17	3	Horizontal	223	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7112G	100.82	Inf	-Inf	3	Horizontal	223	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8792G	58.48	68.20	-9.72	3	Horizontal	223	1.45	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.418G	42.37	54.00	-11.63	3	Vertical	88	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.4384G	55.80	74.00	-18.20	3	Vertical	88	2.05	-
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42056G	42.35	54.00	-11.65	3	Horizontal	234	1.50	-
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40256G	56.00	74.00	-18.00	3	Horizontal	234	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.458G	50.38	54.00	-3.62	3	Vertical	63	1.50	-
5530MHz	Pass	AV	5.531G	97.56	Inf	-Inf	3	Vertical	63	1.50	-
5530MHz	Pass	PK	5.465G	66.90	68.20	-1.30	3	Vertical	63	1.50	-
5530MHz	Pass	PK	5.529G	108.30	Inf	-Inf	3	Vertical	63	1.50	-
5530MHz	Pass	PK	5.758G	58.09	68.20	-10.11	3	Vertical	63	1.50	-
5530MHz	Pass	AV	5.46G	46.64	54.00	-7.36	3	Horizontal	219	1.37	-
5530MHz	Pass	AV	5.532G	84.81	Inf	-Inf	3	Horizontal	219	1.37	-
5530MHz	Pass	PK	5.462G	57.32	68.20	-10.88	3	Horizontal	219	1.37	-
5530MHz	Pass	PK	5.527G	95.11	Inf	-Inf	3	Horizontal	219	1.37	-
5530MHz	Pass	PK	5.754G	57.45	68.20	-10.75	3	Horizontal	219	1.37	-
5530MHz	Pass	AV	11.06016G	44.35	54.00	-9.65	3	Vertical	211	1.50	-
5530MHz	Pass	PK	11.05784G	56.13	74.00	-17.87	3	Vertical	211	1.50	-
5530MHz	Pass	AV	11.04272G	44.08	54.00	-9.92	3	Horizontal	189	1.50	-
5530MHz	Pass	PK	11.04728G	55.87	74.00	-18.13	3	Horizontal	189	1.50	-
5610MHz	Pass	AV	5.459G	48.98	54.00	-5.02	3	Vertical	53	1.70	-
5610MHz	Pass	AV	5.613G	100.69	Inf	-Inf	3	Vertical	53	1.70	-
5610MHz	Pass	PK	5.47G	61.92	68.20	-6.28	3	Vertical	53	1.70	-
5610MHz	Pass	PK	5.607G	110.81	Inf	-Inf	3	Vertical	53	1.70	-
5610MHz	Pass	PK	5.726G	66.34	68.20	-1.86	3	Vertical	53	1.70	-
5610MHz	Pass	AV	5.433G	46.72	54.00	-7.28	3	Horizontal	217	1.45	-
5610MHz	Pass	AV	5.613G	88.30	Inf	-Inf	3	Horizontal	217	1.45	-
5610MHz	Pass	PK	5.467G	56.89	68.20	-11.31	3	Horizontal	217	1.45	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5610MHz	Pass	PK	5.613G	99.63	Inf	-Inf	3	Horizontal	217	1.45	-
5610MHz	Pass	PK	5.725G	58.55	68.20	-9.65	3	Horizontal	217	1.45	-
5610MHz	Pass	AV	11.23872G	44.21	54.00	-9.79	3	Vertical	234	1.50	-
5610MHz	Pass	PK	11.20968G	56.25	74.00	-17.75	3	Vertical	234	1.50	-
5610MHz	Pass	AV	11.22336G	43.73	54.00	-10.27	3	Horizontal	68	1.50	-
5610MHz	Pass	PK	11.22272G	55.96	74.00	-18.04	3	Horizontal	68	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	46.96	54.00	-7.04	3	Vertical	50	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6876G	100.85	Inf	-Inf	3	Vertical	50	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.38	68.20	-10.82	3	Vertical	50	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6888G	111.84	Inf	-Inf	3	Vertical	50	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.864G	62.23	68.20	-5.97	3	Vertical	50	1.49	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4416G	46.41	54.00	-7.59	3	Horizontal	222	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6888G	88.79	Inf	-Inf	3	Horizontal	222	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.46G	56.30	68.20	-11.90	3	Horizontal	222	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6936G	99.83	Inf	-Inf	3	Horizontal	222	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8628G	59.61	68.20	-8.59	3	Horizontal	222	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.38632G	43.98	54.00	-10.02	3	Vertical	237	1.16	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.39344G	55.89	74.00	-18.11	3	Vertical	237	1.16	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3632G	44.00	54.00	-10.00	3	Horizontal	60	1.50	-
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.36552G	56.51	74.00	-17.49	3	Horizontal	60	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

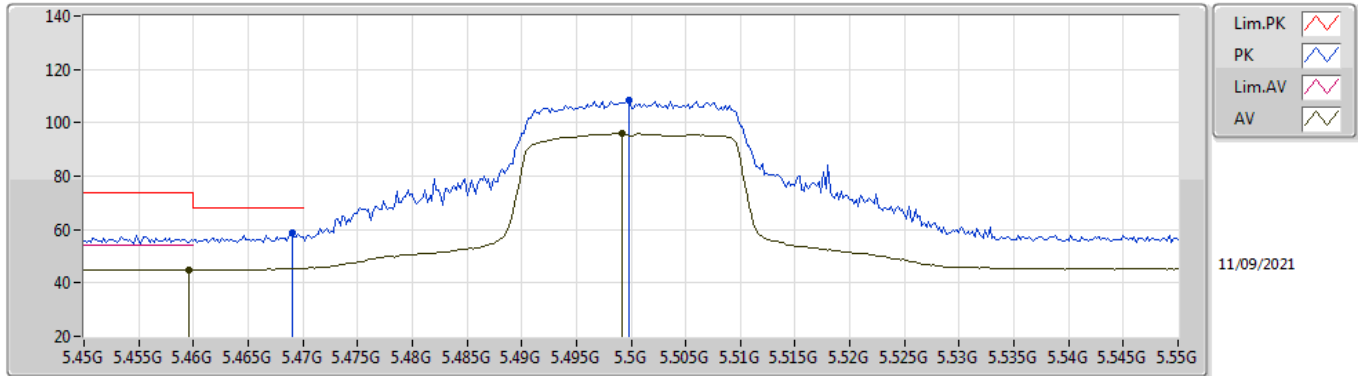
5500MHz_TX



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	5.4588G	45.97	54.00	-8.03	6.81	3	Vertical	92	2.21	-	39.16	31.72	9.35	34.26
AV	5.4988G	107.64	Inf	-Inf	6.92	3	Vertical	92	2.21	-	100.72	31.80	9.38	34.26
PK	5.4686G	65.52	68.20	-2.68	6.83	3	Vertical	92	2.21	-	58.69	31.74	9.35	34.26
PK	5.501G	120.49	Inf	-Inf	6.92	3	Vertical	92	2.21	-	113.57	31.80	9.38	34.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

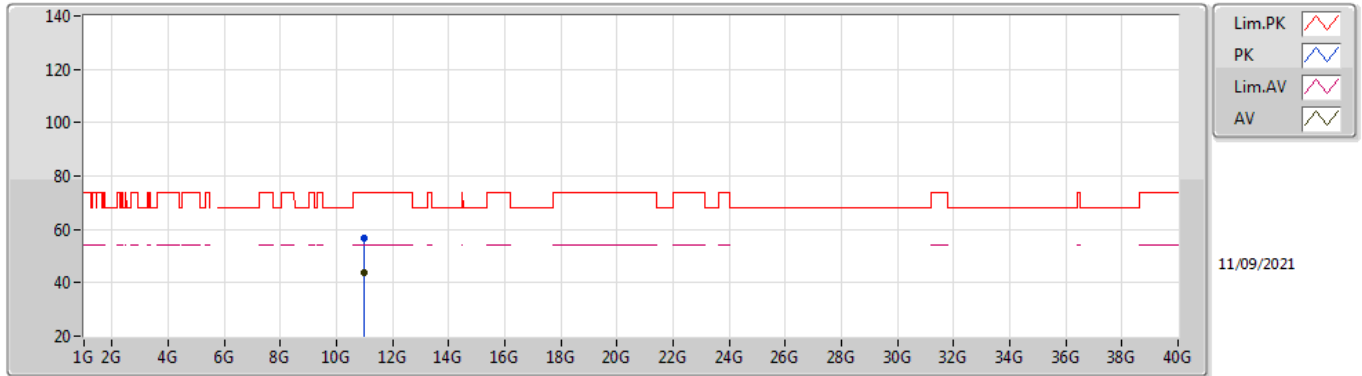
5500MHz_TX



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	5.4596G	44.90	54.00	-9.10	6.81	3	Horizontal	157	1.62	-	38.09	31.72	9.35	34.26
AV	5.4992G	96.06	Inf	-Inf	6.92	3	Horizontal	157	1.62	-	89.14	31.80	9.38	34.26
PK	5.469G	58.79	68.20	-9.41	6.84	3	Horizontal	157	1.62	-	51.95	31.74	9.36	34.26
PK	5.4998G	108.29	Inf	-Inf	6.92	3	Horizontal	157	1.62	-	101.37	31.80	9.38	34.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

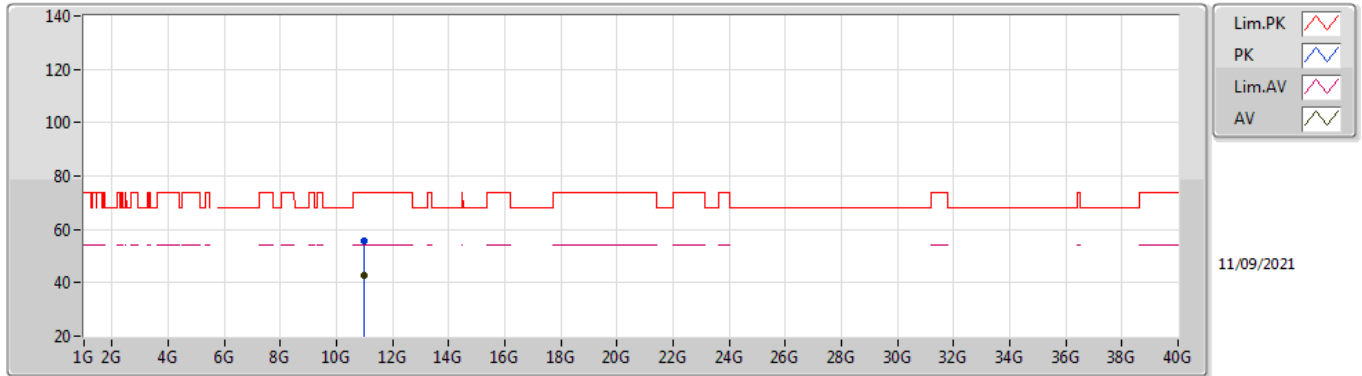
5500MHz_TX



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	10.99996G	43.82	54.00	-10.18	18.74	3	Vertical	148	1.50	-	25.08	40.30	12.63	34.19
PK	11.0006G	56.94	74.00	-17.06	18.74	3	Vertical	148	1.50	-	38.20	40.30	12.63	34.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

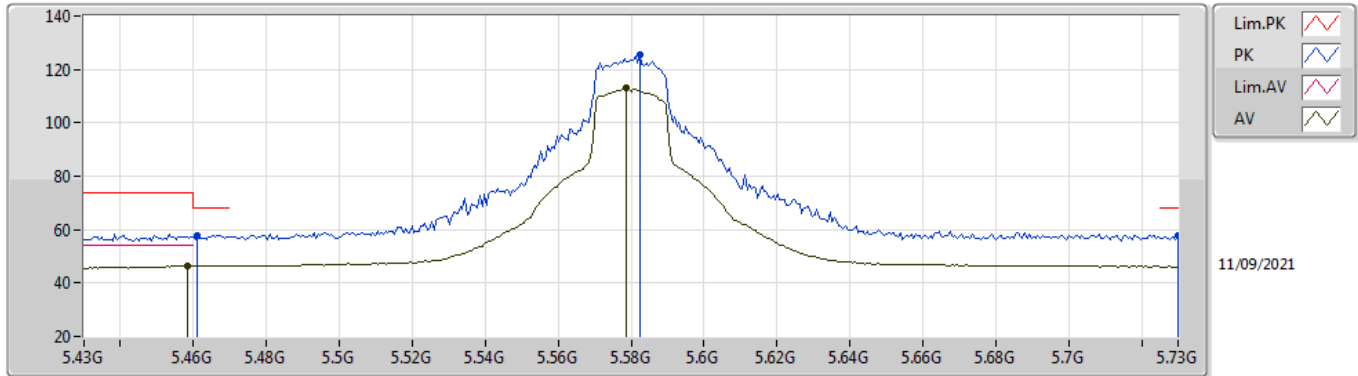
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.00004G	42.96	54.00	-11.04	18.74	3	Horizontal	133	1.77	-	24.22	40.30	12.63	34.19
PK	10.99228G	55.57	74.00	-18.43	18.71	3	Horizontal	133	1.77	-	36.86	40.28	12.63	34.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

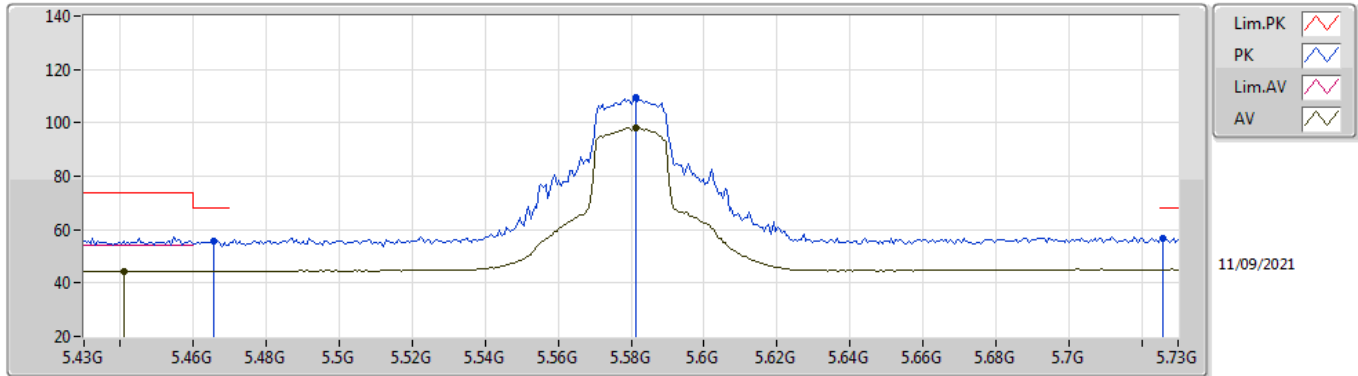
5580MHz_TX



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	5.4582G	46.48	54.00	-7.52	6.81	3	Vertical	84	1.88	-	39.67	31.72	9.35	34.26
AV	5.5788G	112.98	Inf	-Inf	6.91	3	Vertical	84	1.88	-	106.07	31.74	9.44	34.27
PK	5.4612G	58.01	68.20	-10.19	6.81	3	Vertical	84	1.88	-	51.20	31.72	9.35	34.26
PK	5.5824G	125.52	Inf	-Inf	6.92	3	Vertical	84	1.88	-	118.60	31.74	9.45	34.27
PK	5.73G	57.96	68.20	-10.24	7.18	3	Vertical	84	1.88	-	50.78	31.96	9.50	34.28

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

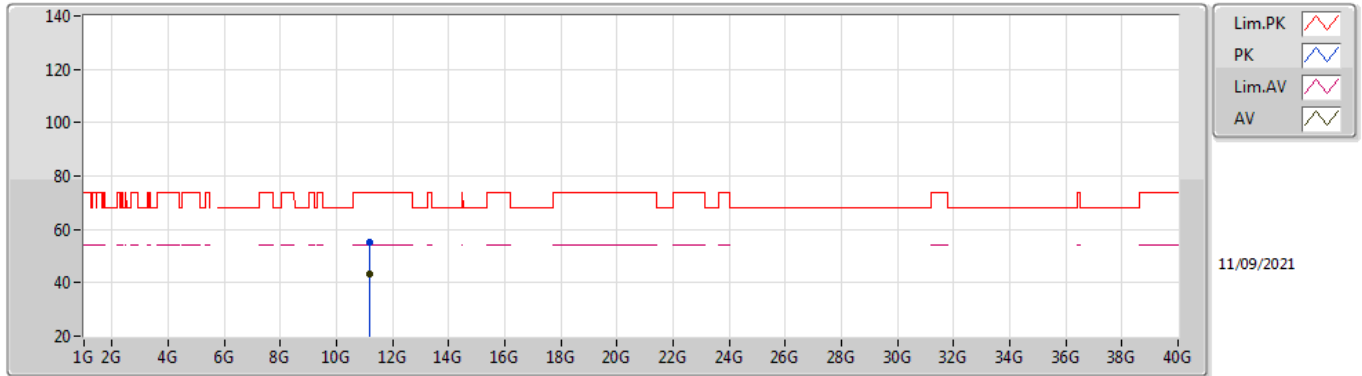
5580MHz_TX



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	5.4408G	44.42	54.00	-9.58	6.77	3	Horizontal	165	1.50	-	37.65	31.70	9.33	34.26
AV	5.5812G	98.13	Inf	-Inf	6.91	3	Horizontal	165	1.50	-	91.22	31.74	9.44	34.27
PK	5.4654G	55.69	68.20	-12.51	6.82	3	Horizontal	165	1.50	-	48.87	31.73	9.35	34.26
PK	5.5812G	109.28	Inf	-Inf	6.91	3	Horizontal	165	1.50	-	102.37	31.74	9.44	34.27
PK	5.7258G	56.90	68.20	-11.30	7.17	3	Horizontal	165	1.50	-	49.73	31.95	9.50	34.28

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

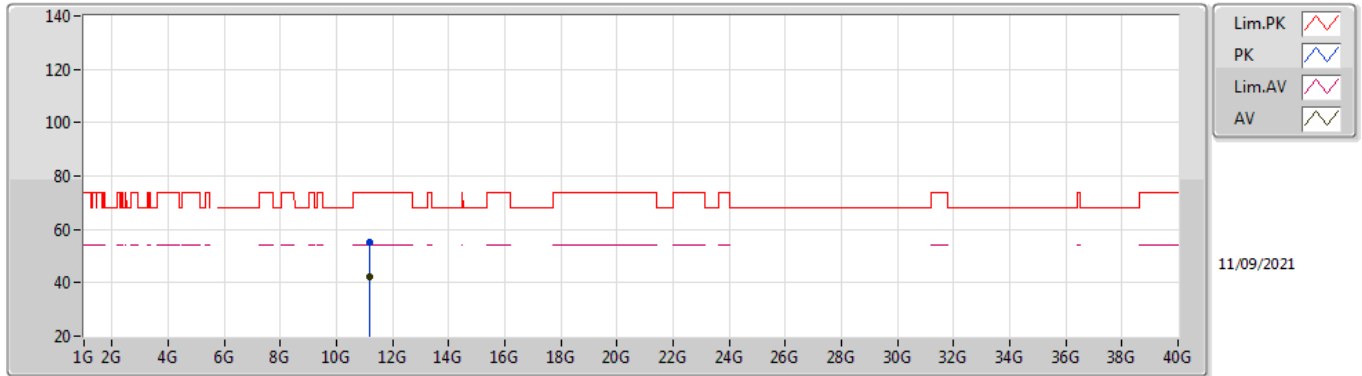
5580MHz_TX



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	11.16008G	43.21	54.00	-10.79	18.18	3	Vertical	204	1.40	-	25.03	39.66	12.70	34.18
PK	11.16028G	55.26	74.00	-18.74	18.18	3	Vertical	204	1.40	-	37.08	39.66	12.70	34.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

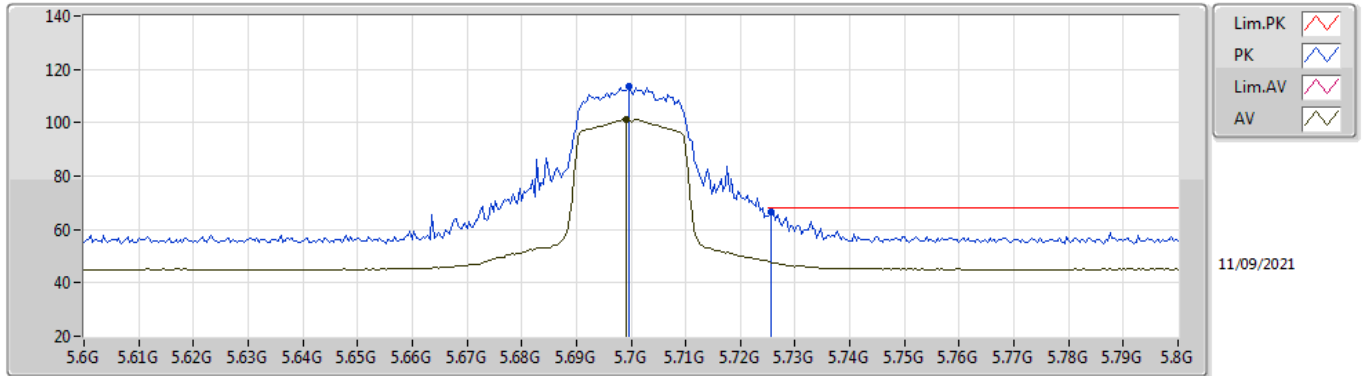
5580MHz_TX



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	11.16008G	42.34	54.00	-11.66	18.18	3	Horizontal	187	1.00	-	24.16	39.66	12.70	34.18
PK	11.16812G	55.43	74.00	-18.57	18.15	3	Horizontal	187	1.00	-	37.28	39.63	12.70	34.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

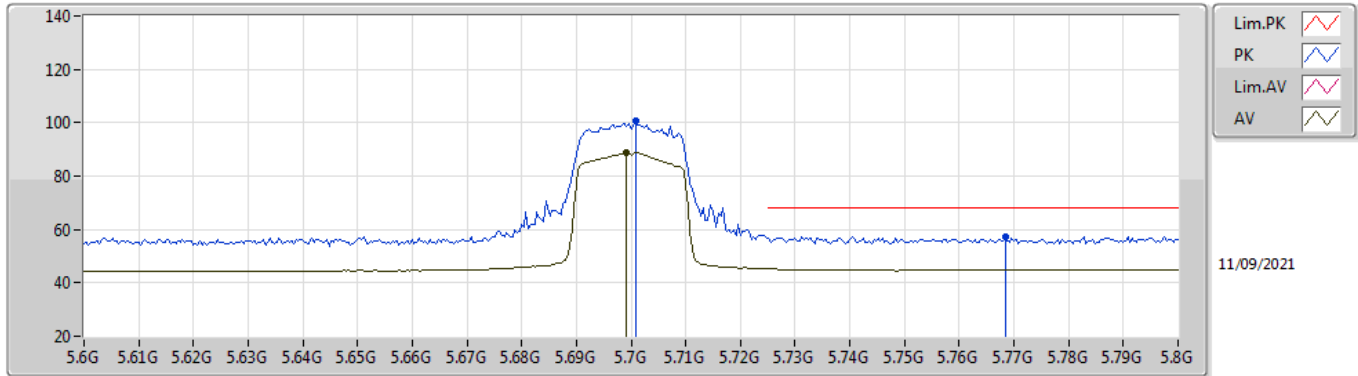
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6992G	101.30	Inf	-Inf	7.11	3	Vertical	73	1.50	-	94.19	31.90	9.49	34.28
PK	5.6996G	113.73	Inf	-Inf	7.11	3	Vertical	73	1.50	-	106.62	31.90	9.49	34.28
PK	5.7256G	66.77	68.20	-1.43	7.17	3	Vertical	73	1.50	-	59.60	31.95	9.50	34.28

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

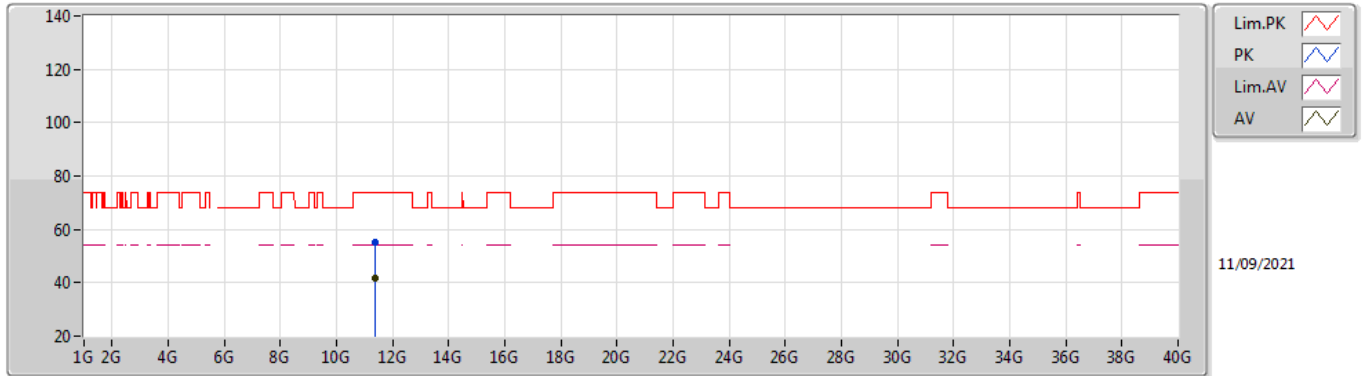
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6992G	88.88	Inf	-Inf	7.11	3	Horizontal	315	1.49	-	81.77	31.90	9.49	34.28
PK	5.7008G	100.55	Inf	-Inf	7.11	3	Horizontal	315	1.49	-	93.44	31.90	9.49	34.28
PK	5.7684G	57.28	68.20	-10.92	7.26	3	Horizontal	315	1.49	-	50.02	32.04	9.51	34.29

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

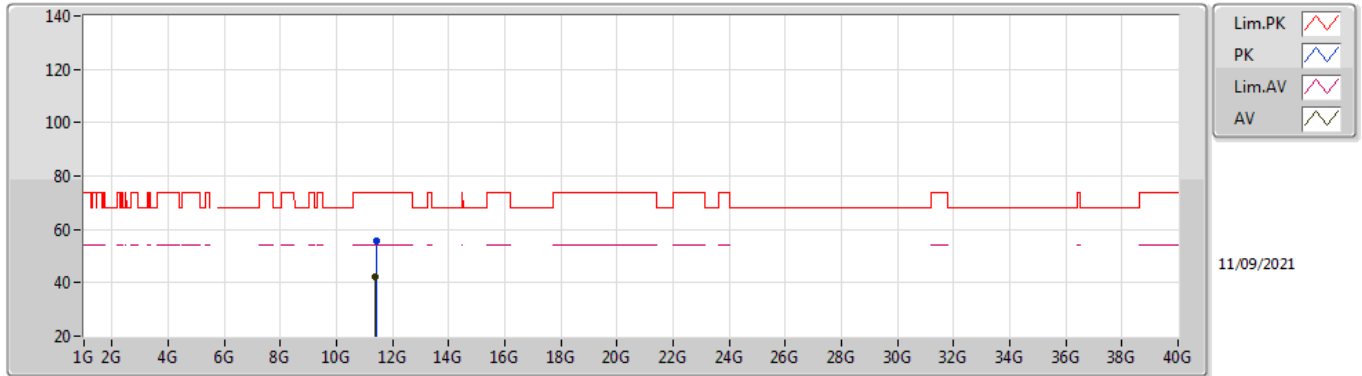
5700MHz_TX



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	11.3912G	41.95	54.00	-12.05	18.49	3	Vertical	79	1.47	-	23.46	39.87	12.79	34.17
PK	11.3986G	55.42	74.00	-18.58	18.53	3	Vertical	79	1.47	-	36.89	39.90	12.80	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

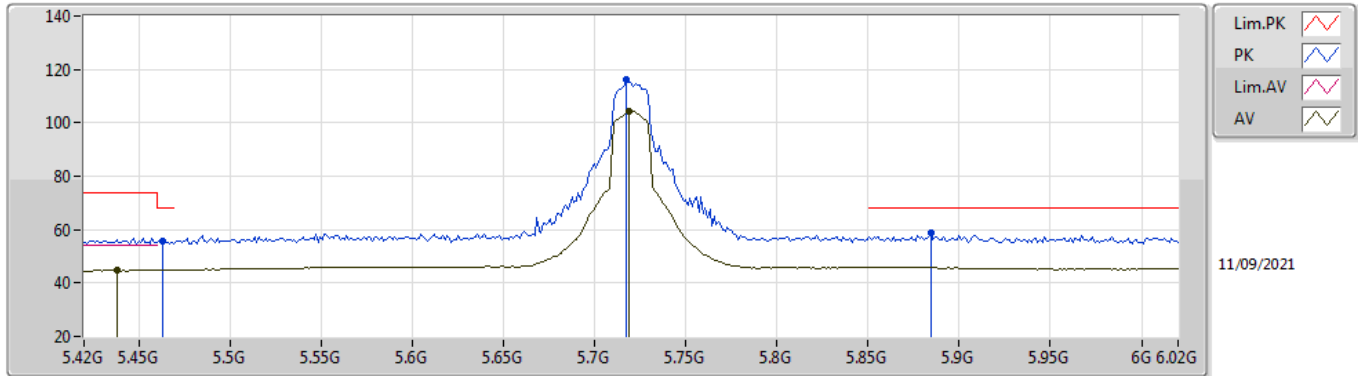
5700MHz_TX



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	11.40132G	42.02	54.00	-11.98	18.53	3	Horizontal	222	1.83	-	23.49	39.90	12.80	34.17
PK	11.40344G	55.69	74.00	-18.31	18.54	3	Horizontal	222	1.83	-	37.15	39.91	12.80	34.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

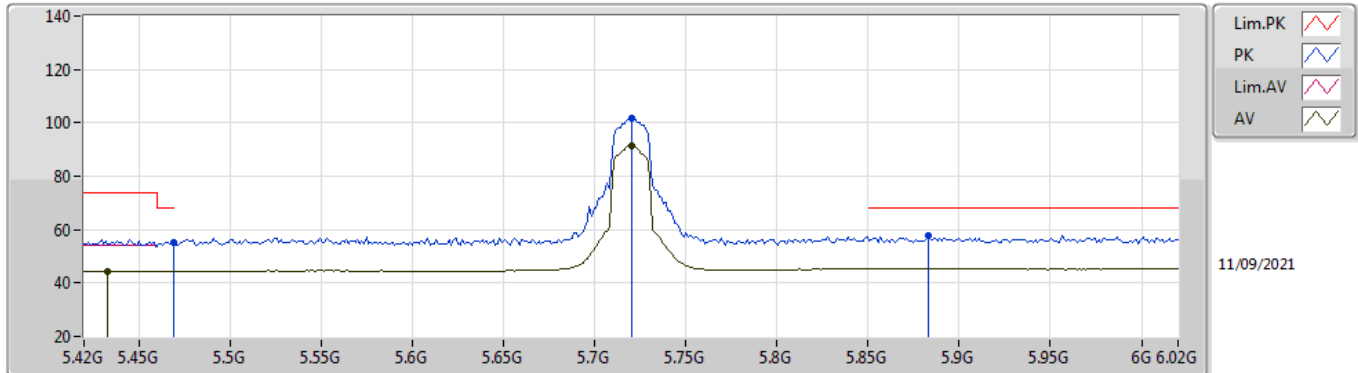
5720MHz Straddle 5.47-5.725GHz_TX



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	5.438G	44.82	54.00	-9.18	6.77	3	Vertical	51	1.48	-	38.05	31.70	9.33	34.26
AV	5.7188G	104.46	Inf	-Inf	7.16	3	Vertical	51	1.48	-	97.30	31.94	9.50	34.28
PK	5.4632G	55.70	68.20	-12.50	6.82	3	Vertical	51	1.48	-	48.88	31.73	9.35	34.26
PK	5.7176G	116.02	Inf	-Inf	7.16	3	Vertical	51	1.48	-	108.86	31.94	9.50	34.28
PK	5.8844G	58.62	68.20	-9.58	7.73	3	Vertical	51	1.48	-	50.89	32.44	9.59	34.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

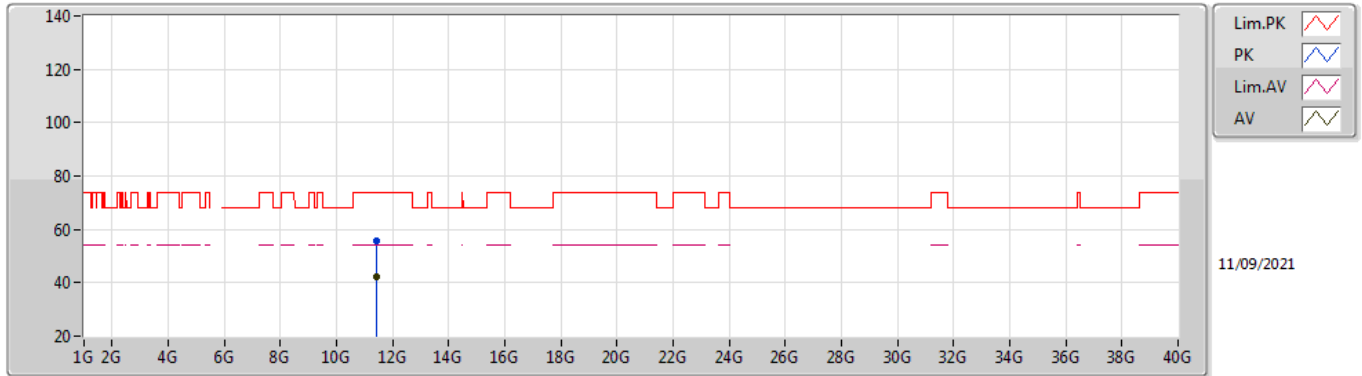
5720MHz Straddle 5.47-5.725GHz_TX



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	5.4332G	44.34	54.00	-9.66	6.78	3	Horizontal	200	1.50	-	37.56	31.70	9.33	34.25
AV	5.72G	91.22	Inf	-Inf	7.16	3	Horizontal	200	1.50	-	84.06	31.94	9.50	34.28
PK	5.4692G	55.29	68.20	-12.91	6.84	3	Horizontal	200	1.50	-	48.45	31.74	9.36	34.26
PK	5.72G	101.78	Inf	-Inf	7.16	3	Horizontal	200	1.50	-	94.62	31.94	9.50	34.28
PK	5.8832G	57.51	68.20	-10.69	7.72	3	Horizontal	200	1.50	-	49.79	32.43	9.59	34.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

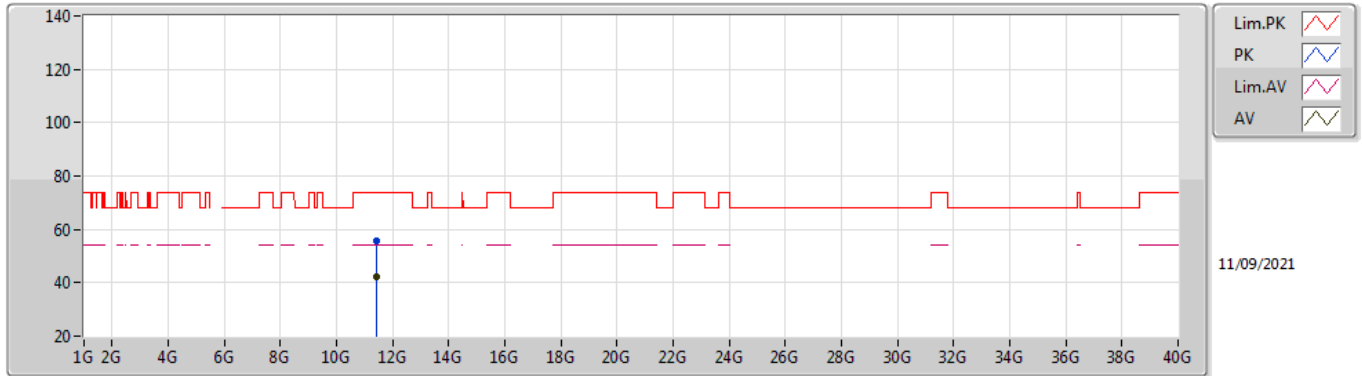
5720MHz Straddle 5.47-5.725GHz_TX



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	11.44648G	42.18	54.00	-11.82	18.65	3	Vertical	78	1.07	-	23.53	39.99	12.82	34.16
PK	11.44052G	55.53	74.00	-18.47	18.64	3	Vertical	78	1.07	-	36.89	39.98	12.82	34.16

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

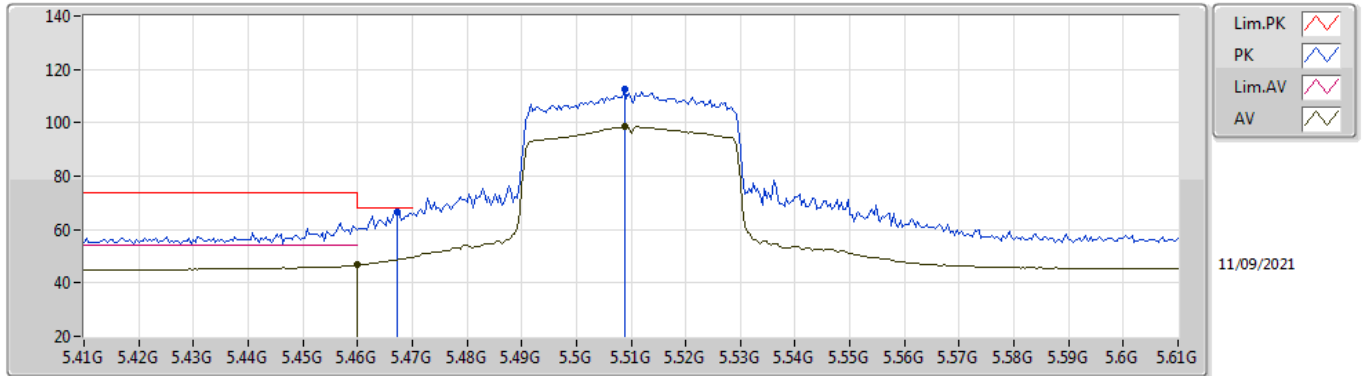
5720MHz Straddle 5.47-5.725GHz_TX



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	11.4396G	42.12	54.00	-11.88	18.63	3	Horizontal	57	2.06	-	23.49	39.98	12.81	34.16
PK	11.44504G	55.69	74.00	-18.31	18.65	3	Horizontal	57	2.06	-	37.04	39.99	12.82	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

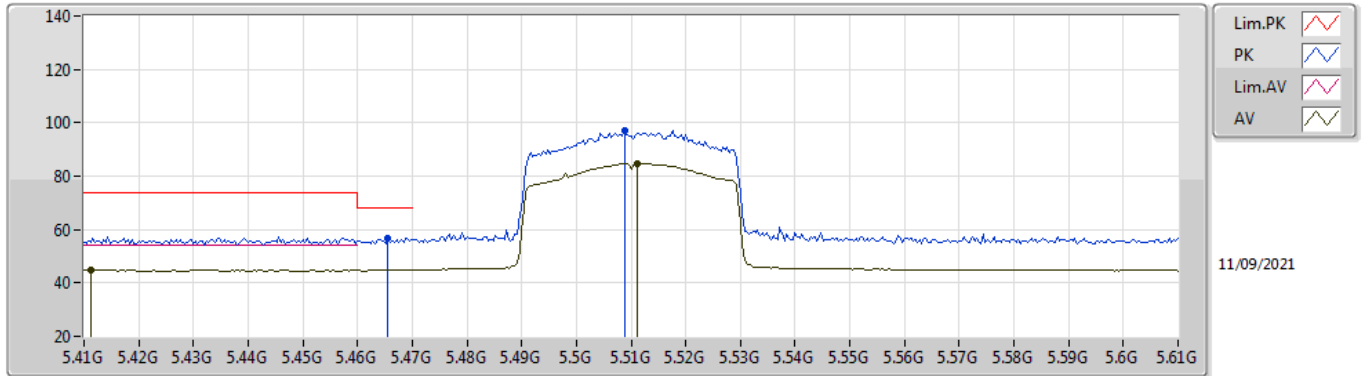
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	46.69	54.00	-7.31	6.81	3	Vertical	61	1.60	-	39.88	31.72	9.35	34.26
AV	5.5088G	98.50	Inf	-Inf	6.93	3	Vertical	61	1.60	-	91.57	31.80	9.39	34.26
PK	5.4672G	66.77	68.20	-1.43	6.82	3	Vertical	61	1.60	-	59.95	31.73	9.35	34.26
PK	5.5088G	112.39	Inf	-Inf	6.93	3	Vertical	61	1.60	-	105.46	31.80	9.39	34.26

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

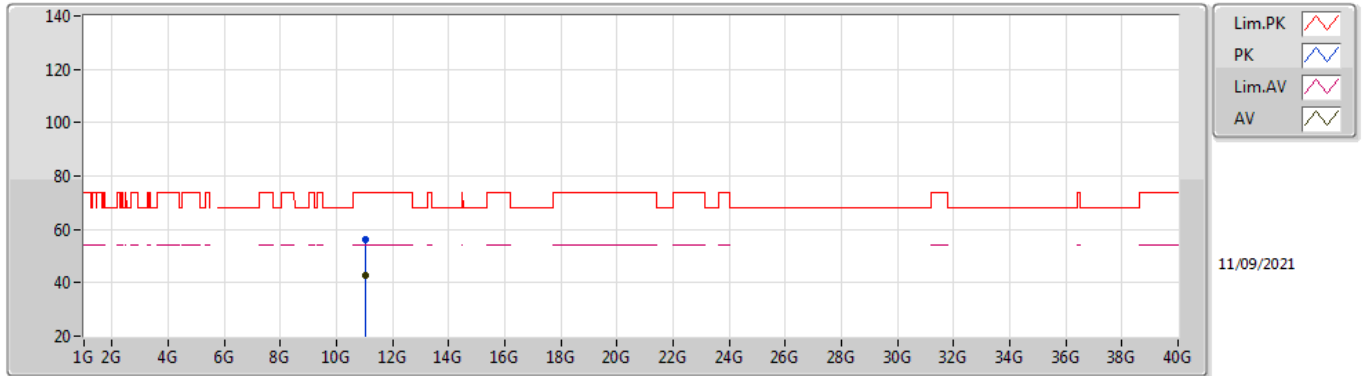
5510MHz_TX



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	5.4112G	44.79	54.00	-9.21	6.76	3	Horizontal	79	1.41	-	38.03	31.70	9.31	34.25
AV	5.5112G	84.76	Inf	-Inf	6.93	3	Horizontal	79	1.41	-	77.83	31.80	9.39	34.26
PK	5.4656G	56.69	68.20	-11.51	6.82	3	Horizontal	79	1.41	-	49.87	31.73	9.35	34.26
PK	5.5088G	97.24	Inf	-Inf	6.93	3	Horizontal	79	1.41	-	90.31	31.80	9.39	34.26

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

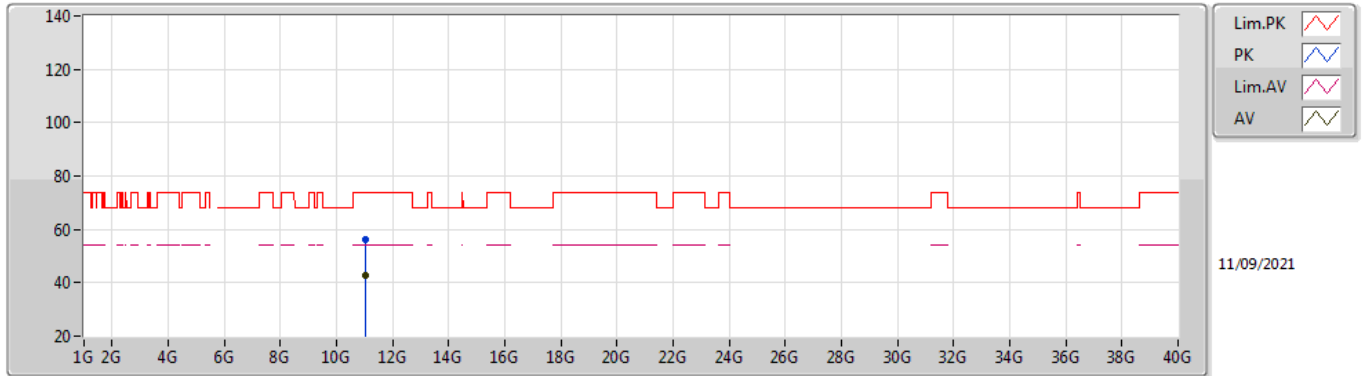
5510MHz_TX



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	11.01992G	42.76	54.00	-11.24	18.67	3	Vertical	181	1.50	-	24.09	40.22	12.64	34.19
PK	11.01472G	56.25	74.00	-17.75	18.69	3	Vertical	181	1.50	-	37.56	40.24	12.64	34.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

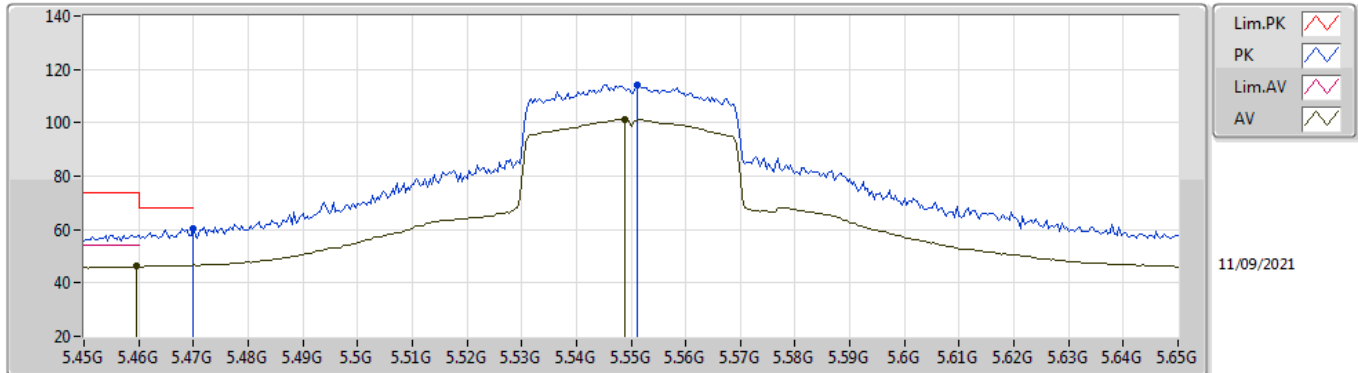
5510MHz_TX



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	11.02G	42.92	54.00	-11.08	18.67	3	Horizontal	153	1.50	-	24.25	40.22	12.64	34.19
PK	11.02848G	56.17	74.00	-17.83	18.64	3	Horizontal	153	1.50	-	37.53	40.19	12.64	34.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

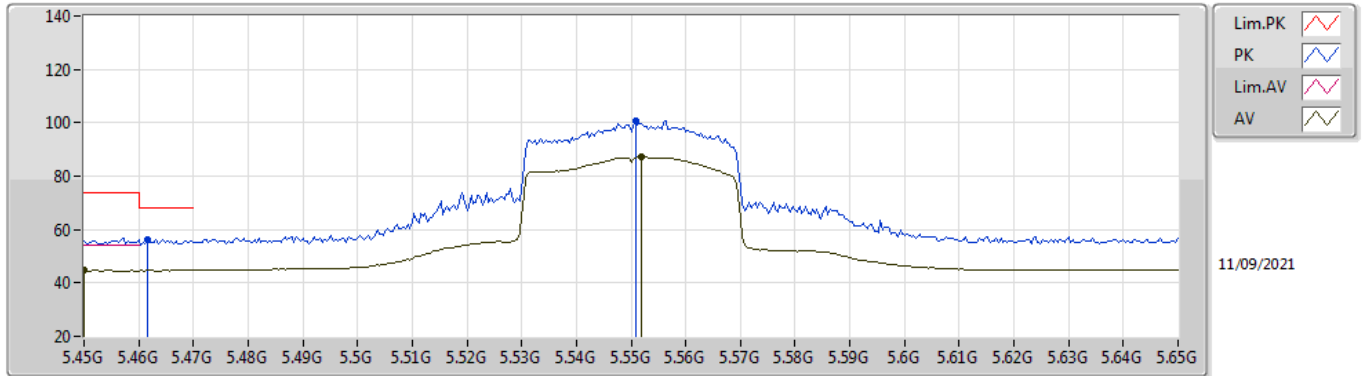
5550MHz_TX



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	5.4596G	46.19	54.00	-7.81	6.81	3	Vertical	57	1.41	-	39.38	31.72	9.35	34.26
AV	5.5488G	101.13	Inf	-Inf	6.96	3	Vertical	57	1.41	-	94.17	31.80	9.42	34.26
PK	5.47G	60.44	68.20	-7.76	6.84	3	Vertical	57	1.41	-	53.60	31.74	9.36	34.26
PK	5.5512G	114.32	Inf	-Inf	6.95	3	Vertical	57	1.41	-	107.37	31.80	9.42	34.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

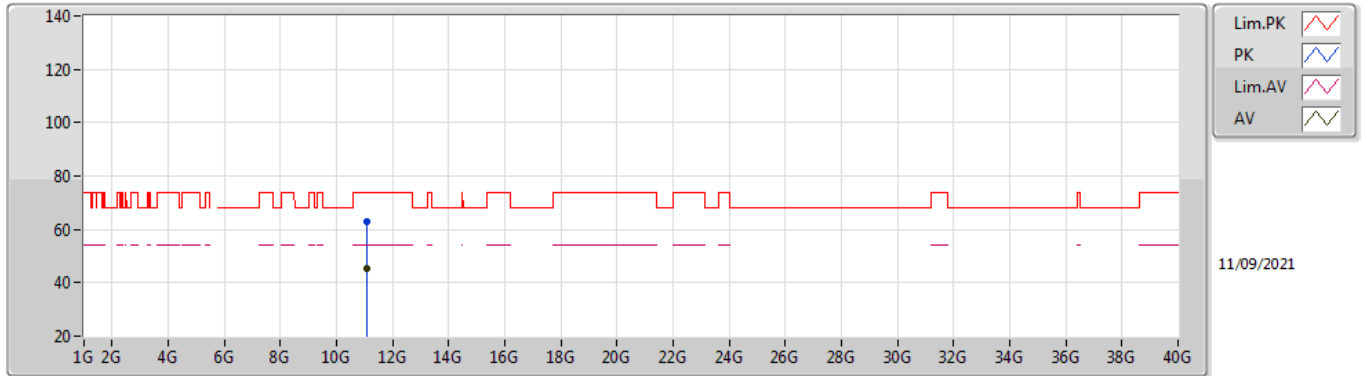
5550MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.45G	44.59	54.00	-9.41	6.78	3	Horizontal	201	1.52	-	37.81	31.70	9.34	34.26
AV	5.552G	87.39	Inf	-Inf	6.95	3	Horizontal	201	1.52	-	80.44	31.80	9.42	34.27
PK	5.4616G	56.38	68.20	-11.82	6.81	3	Horizontal	201	1.52	-	49.57	31.72	9.35	34.26
PK	5.5508G	100.68	Inf	-Inf	6.95	3	Horizontal	201	1.52	-	93.73	31.80	9.42	34.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

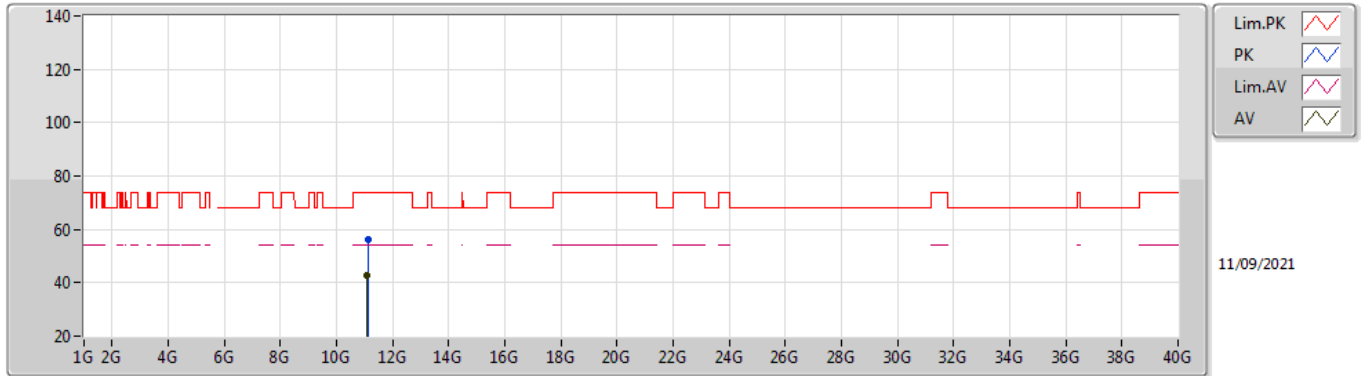
5550MHz_TX



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	11.10272G	45.52	54.00	-8.48	18.38	3	Vertical	86	1.03	-	27.14	39.89	12.67	34.18
PK	11.10384G	62.95	74.00	-11.05	18.37	3	Vertical	86	1.03	-	44.58	39.88	12.67	34.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

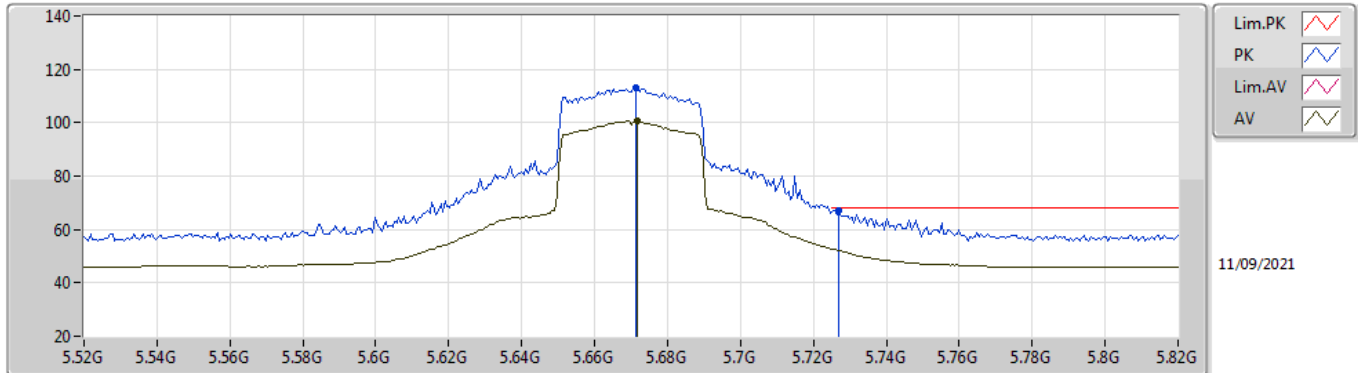
5550MHz_TX



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	11.10528G	42.92	54.00	-11.08	18.37	3	Horizontal	299	1.00	-	24.55	39.88	12.67	34.18
PK	11.10936G	56.02	74.00	-17.98	18.36	3	Horizontal	299	1.00	-	37.66	39.86	12.68	34.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

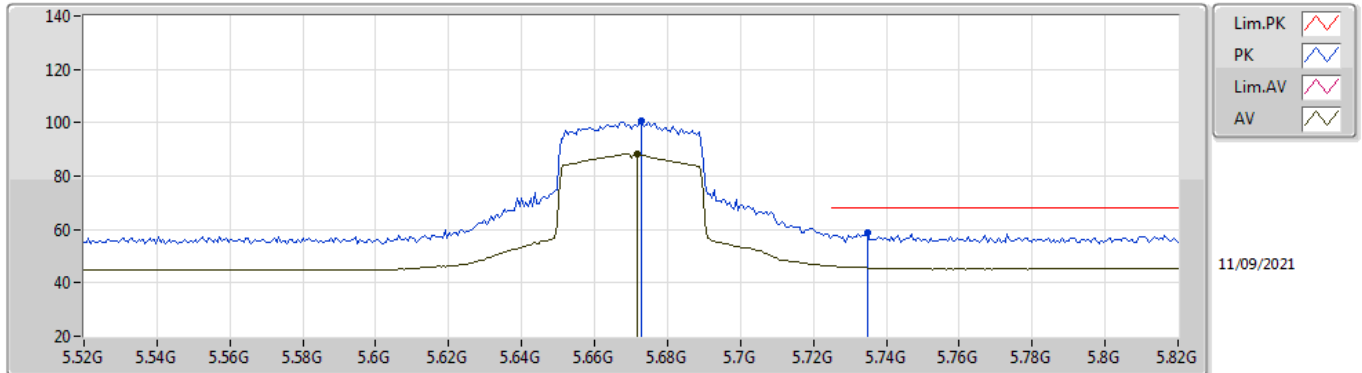
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6718G	100.53	Inf	-Inf	6.93	3	Vertical	51	1.57	-	93.60	31.73	9.48	34.28
PK	5.6712G	112.96	Inf	-Inf	6.93	3	Vertical	51	1.57	-	106.03	31.73	9.48	34.28
PK	5.727G	67.09	68.20	-1.11	7.17	3	Vertical	51	1.57	-	59.92	31.95	9.50	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

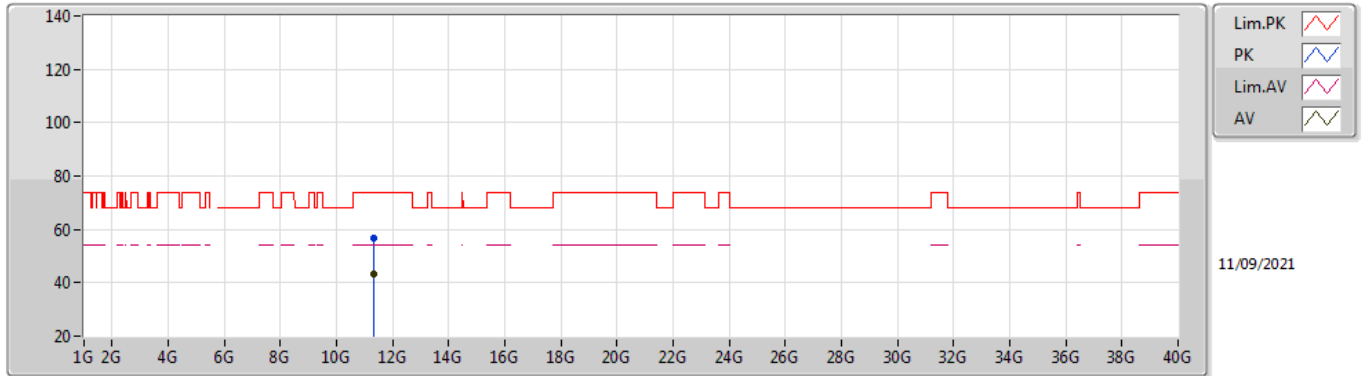
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.6718G	88.23	Inf	-Inf	6.93	3	Horizontal	223	1.50	-	81.30	31.73	9.48	34.28
PK	5.673G	100.94	Inf	-Inf	6.94	3	Horizontal	223	1.50	-	94.00	31.74	9.48	34.28
PK	5.7348G	58.68	68.20	-9.52	7.19	3	Horizontal	223	1.50	-	51.49	31.97	9.50	34.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

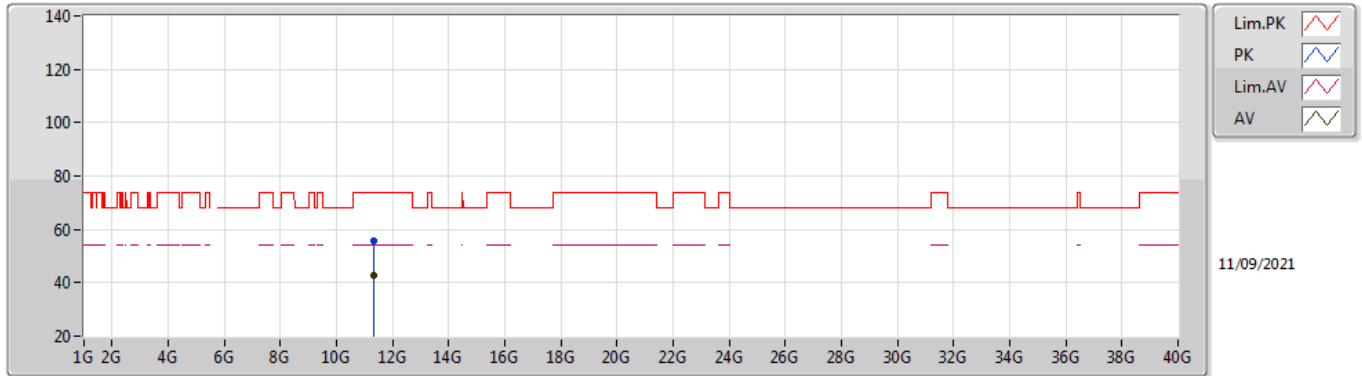
5670MHz_TX



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	11.3324G	43.02	54.00	-10.98	18.30	3	Vertical	55	1.40	-	24.72	39.70	12.77	34.17
PK	11.344G	56.64	74.00	-17.36	18.33	3	Vertical	55	1.40	-	38.31	39.73	12.77	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

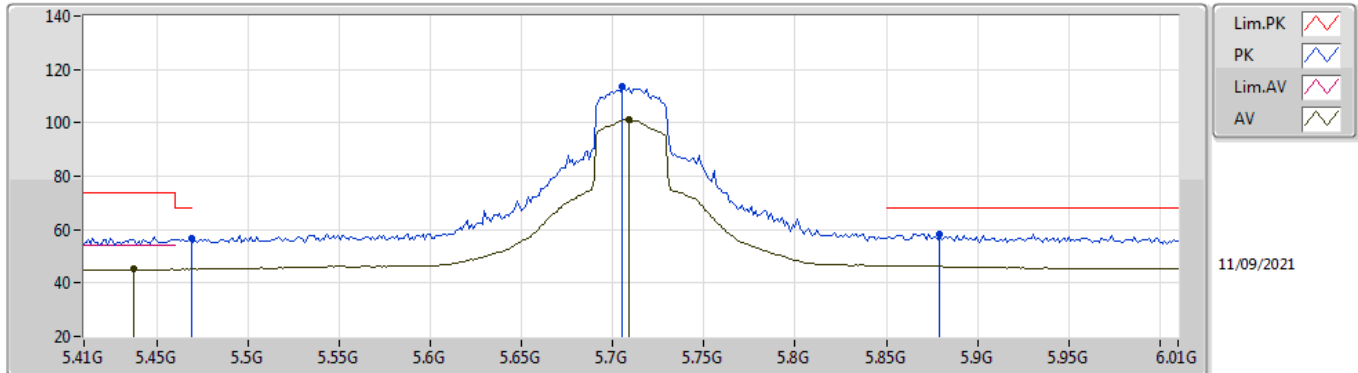
5670MHz_TX



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	11.33968G	42.63	54.00	-11.37	18.32	3	Horizontal	212	1.50	-	24.31	39.72	12.77	34.17
PK	11.32472G	55.57	74.00	-18.43	18.27	3	Horizontal	212	1.50	-	37.30	39.67	12.77	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

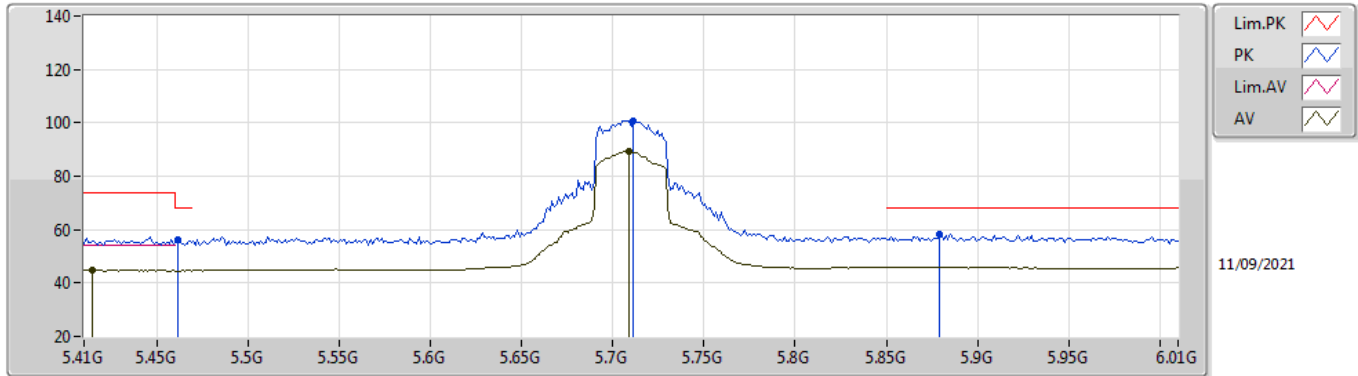
5710MHz Straddle 5.47-5.725GHz_TX



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	5.4376G	45.14	54.00	-8.86	6.77	3	Vertical	52	1.22	-	38.37	31.70	9.33	34.26
AV	5.7088G	101.35	Inf	-Inf	7.13	3	Vertical	52	1.22	-	94.22	31.92	9.49	34.28
PK	5.4688G	56.69	68.20	-11.51	6.84	3	Vertical	52	1.22	-	49.85	31.74	9.36	34.26
PK	5.7052G	113.79	Inf	-Inf	7.12	3	Vertical	52	1.22	-	106.67	31.91	9.49	34.28
PK	5.8792G	58.27	68.20	-9.93	7.70	3	Vertical	52	1.22	-	50.57	32.42	9.58	34.30

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

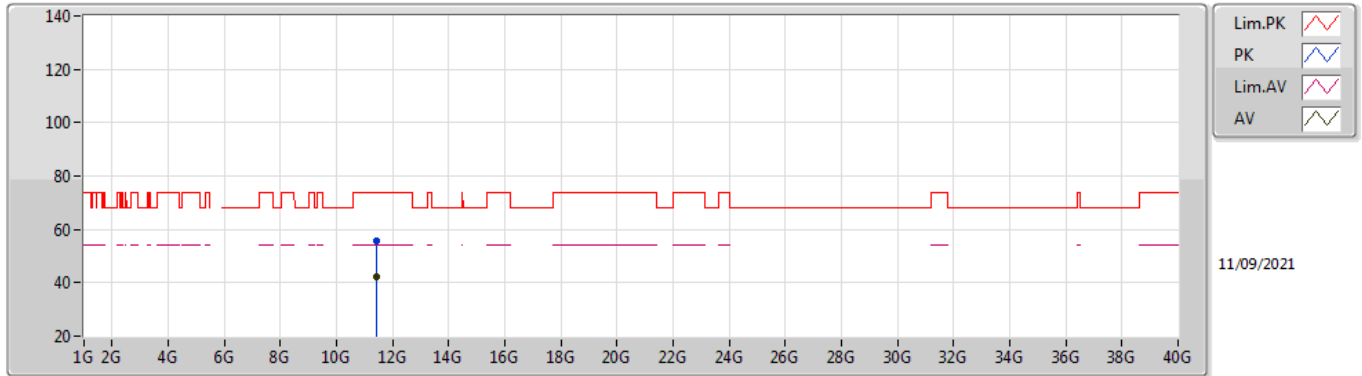
5710MHz Straddle 5.47-5.725GHz_TX



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	5.4148G	44.76	54.00	-9.24	6.76	3	Horizontal	223	1.45	-	38.00	31.70	9.31	34.25
AV	5.7088G	89.22	Inf	-Inf	7.13	3	Horizontal	223	1.45	-	82.09	31.92	9.49	34.28
PK	5.4616G	56.03	68.20	-12.17	6.81	3	Horizontal	223	1.45	-	49.22	31.72	9.35	34.26
PK	5.7112G	100.82	Inf	-Inf	7.13	3	Horizontal	223	1.45	-	93.69	31.92	9.49	34.28
PK	5.8792G	58.48	68.20	-9.72	7.70	3	Horizontal	223	1.45	-	50.78	32.42	9.58	34.30

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

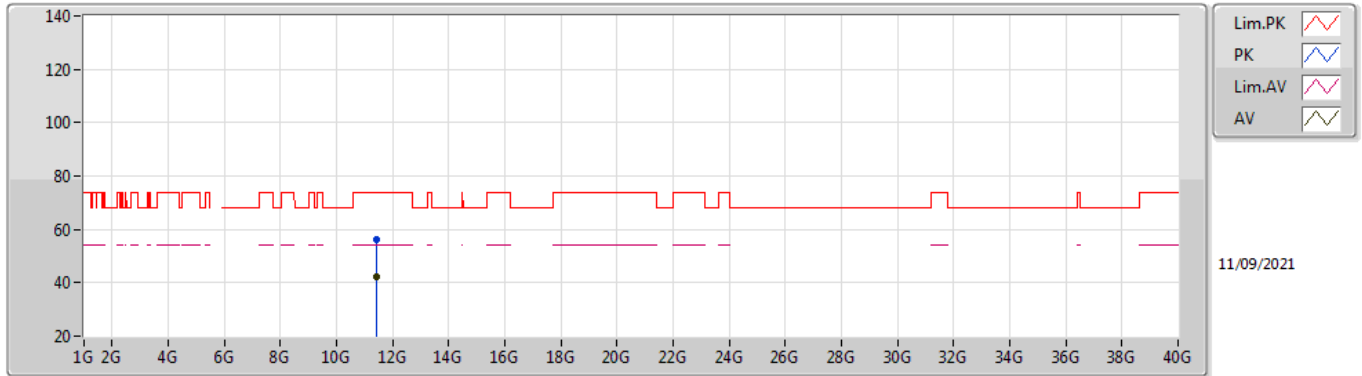
5710MHz Straddle 5.47-5.725GHz_TX



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	11.418G	42.37	54.00	-11.63	18.59	3	Vertical	88	2.05	-	23.78	39.94	12.81	34.16
PK	11.4384G	55.80	74.00	-18.20	18.63	3	Vertical	88	2.05	-	37.17	39.98	12.81	34.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

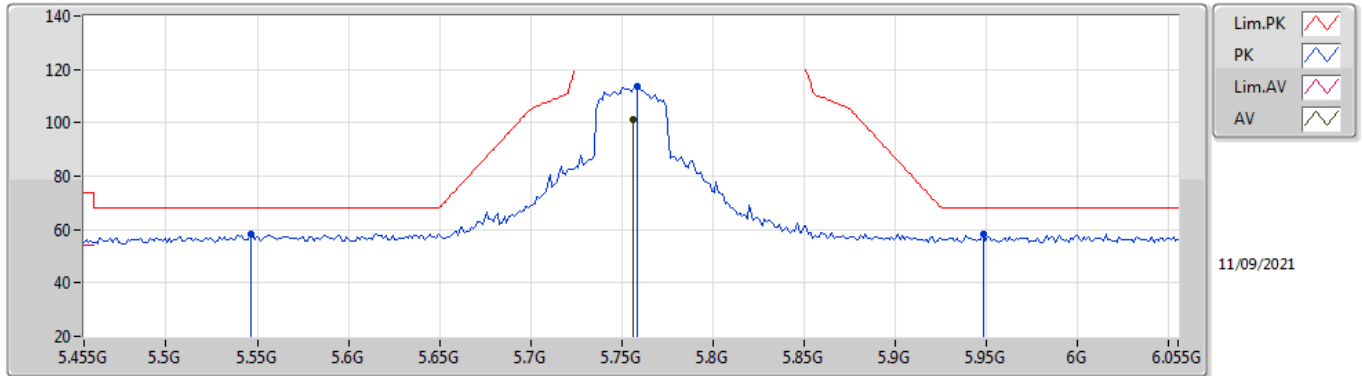
5710MHz Straddle 5.47-5.725GHz_TX



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	11.42056G	42.35	54.00	-11.65	18.59	3	Horizontal	234	1.50	-	23.76	39.94	12.81	34.16
PK	11.40256G	56.00	74.00	-18.00	18.54	3	Horizontal	234	1.50	-	37.46	39.91	12.80	34.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

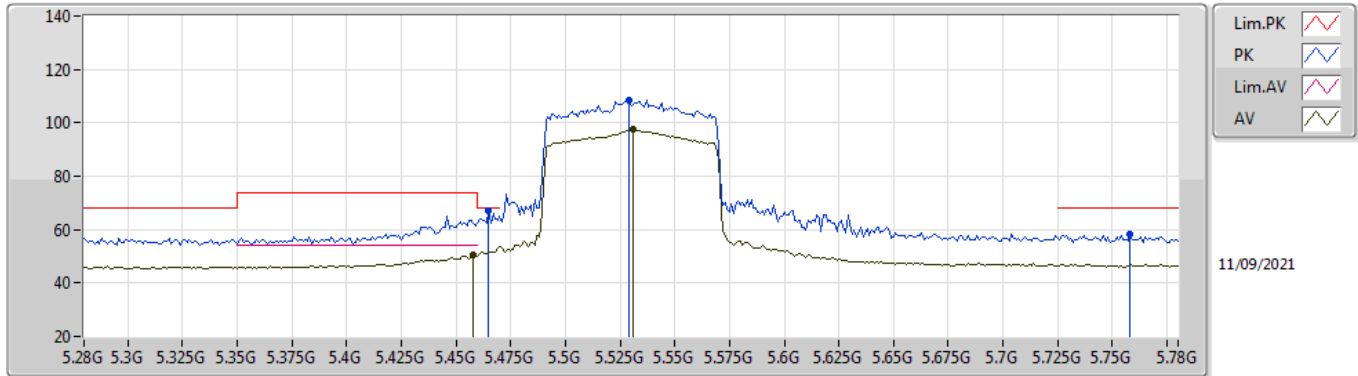
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7562G	101.28	Inf	-Inf	7.23	3	Vertical	52	1.53	-	94.05	32.01	9.51	34.29
PK	5.5462G	58.40	68.20	-9.80	6.96	3	Vertical	52	1.53	-	51.44	31.80	9.42	34.26
PK	5.7586G	113.39	Inf	-Inf	7.24	3	Vertical	52	1.53	-	106.15	32.02	9.51	34.29
PK	5.9482G	58.09	68.20	-10.11	7.84	3	Vertical	52	1.53	-	50.25	32.50	9.64	34.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

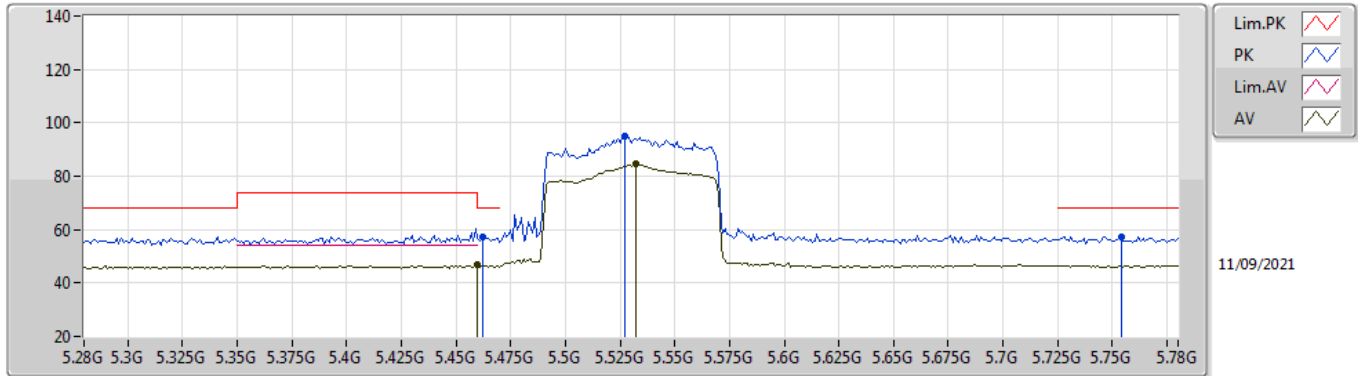
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.458G	50.38	54.00	-3.62	6.81	3	Vertical	63	1.50	-	43.57	31.72	9.35	34.26
AV	5.531G	97.56	Inf	-Inf	6.94	3	Vertical	63	1.50	-	90.62	31.80	9.40	34.26
PK	5.465G	66.90	68.20	-1.30	6.82	3	Vertical	63	1.50	-	60.08	31.73	9.35	34.26
PK	5.529G	108.30	Inf	-Inf	6.94	3	Vertical	63	1.50	-	101.36	31.80	9.40	34.26
PK	5.758G	58.09	68.20	-10.11	7.24	3	Vertical	63	1.50	-	50.85	32.02	9.51	34.29

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

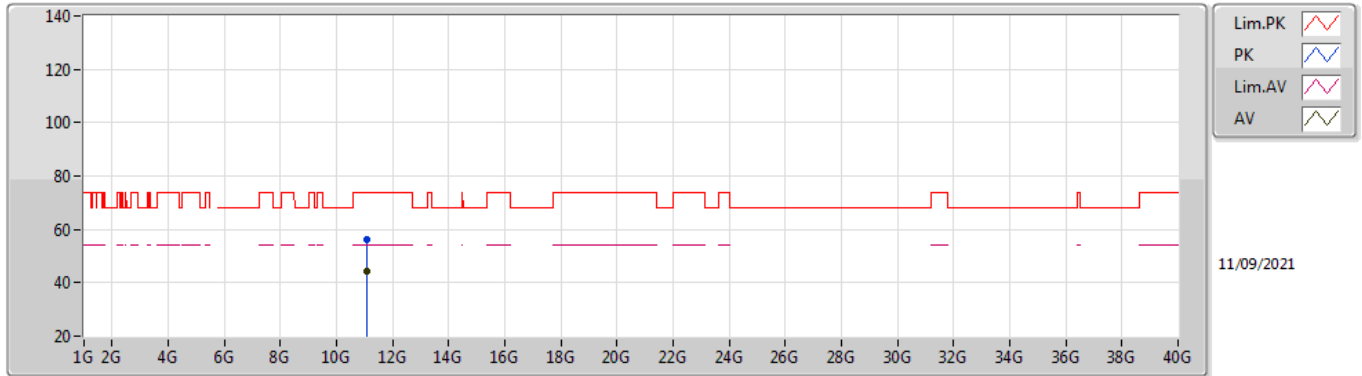
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	46.64	54.00	-7.36	6.81	3	Horizontal	219	1.37	-	39.83	31.72	9.35	34.26
AV	5.532G	84.81	Inf	-Inf	6.95	3	Horizontal	219	1.37	-	77.86	31.80	9.41	34.26
PK	5.462G	57.32	68.20	-10.88	6.81	3	Horizontal	219	1.37	-	50.51	31.72	9.35	34.26
PK	5.527G	95.11	Inf	-Inf	6.94	3	Horizontal	219	1.37	-	88.17	31.80	9.40	34.26
PK	5.754G	57.45	68.20	-10.75	7.23	3	Horizontal	219	1.37	-	50.22	32.01	9.51	34.29

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

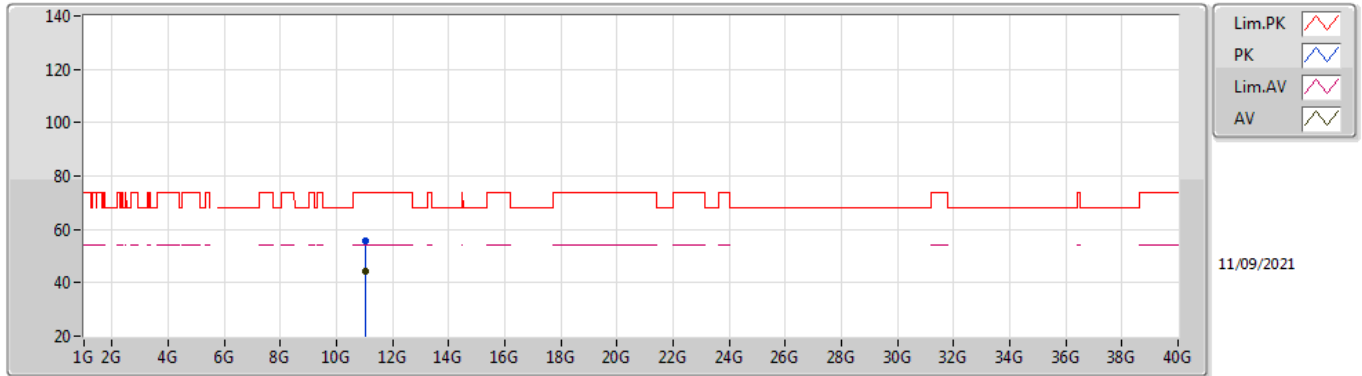
5530MHz_TX



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	11.06016G	44.35	54.00	-9.65	18.53	3	Vertical	211	1.50	-	25.82	40.06	12.66	34.19
PK	11.05784G	56.13	74.00	-17.87	18.53	3	Vertical	211	1.50	-	37.60	40.07	12.65	34.19

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

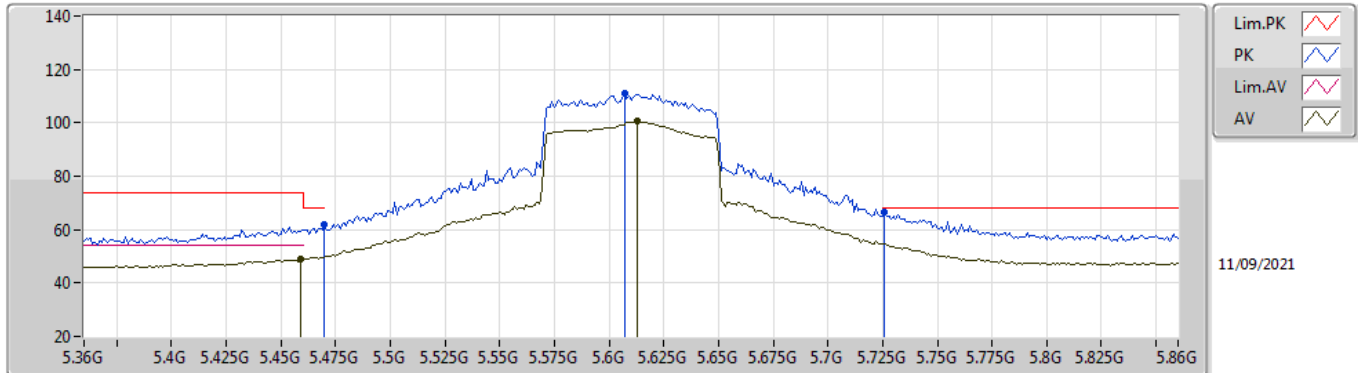
5530MHz_TX



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	11.04272G	44.08	54.00	-9.92	18.59	3	Horizontal	189	1.50	-	25.49	40.13	12.65	34.19
PK	11.04728G	55.87	74.00	-18.13	18.57	3	Horizontal	189	1.50	-	37.30	40.11	12.65	34.19

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

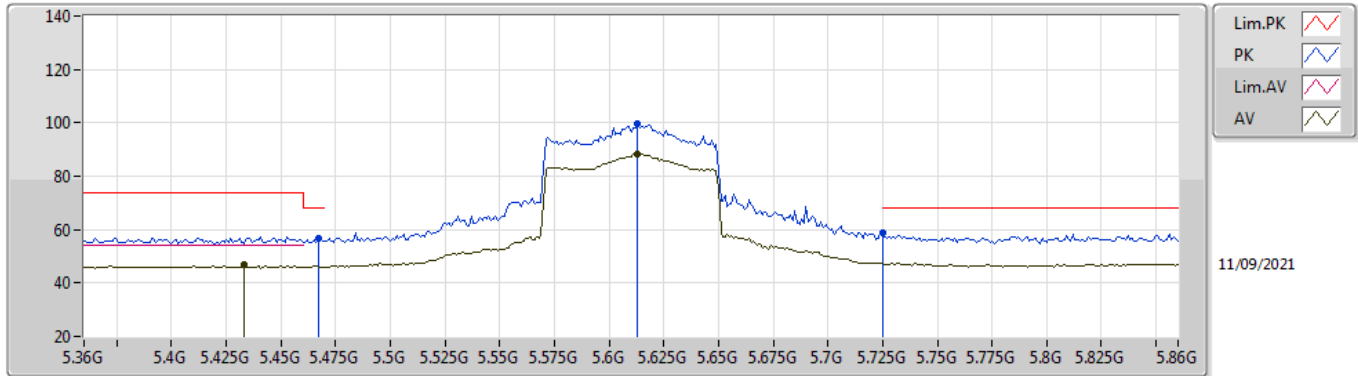
5610MHz_TX



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	5.459G	48.98	54.00	-5.02	6.81	3	Vertical	53	1.70	-	42.17	31.72	9.35	34.26
AV	5.613G	100.69	Inf	-Inf	6.86	3	Vertical	53	1.70	-	93.83	31.67	9.46	34.27
PK	5.47G	61.92	68.20	-6.28	6.84	3	Vertical	53	1.70	-	55.08	31.74	9.36	34.26
PK	5.607G	110.81	Inf	-Inf	6.88	3	Vertical	53	1.70	-	103.93	31.69	9.46	34.27
PK	5.726G	66.34	68.20	-1.86	7.17	3	Vertical	53	1.70	-	59.17	31.95	9.50	34.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

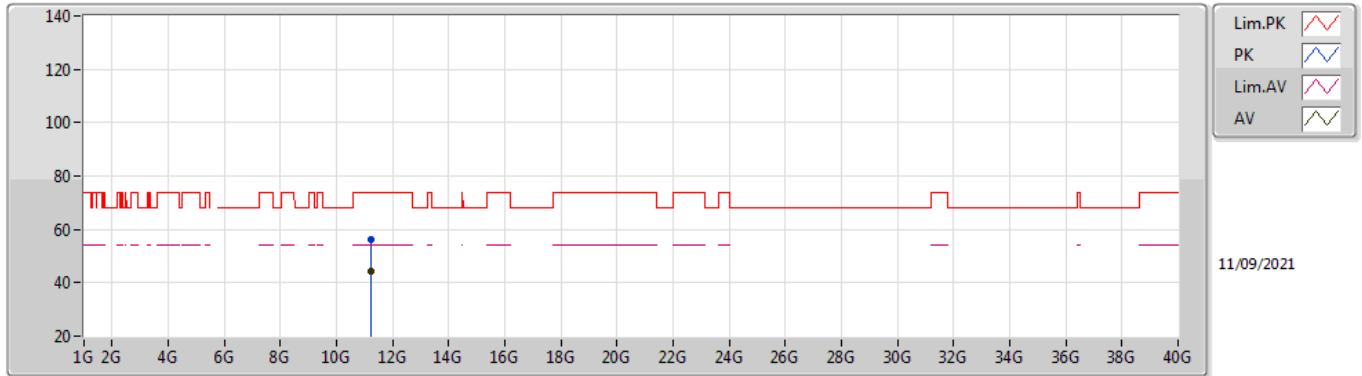
5610MHz_TX



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	5.433G	46.72	54.00	-7.28	6.78	3	Horizontal	217	1.45	-	39.94	31.70	9.33	34.25
AV	5.613G	88.30	Inf	-Inf	6.86	3	Horizontal	217	1.45	-	81.44	31.67	9.46	34.27
PK	5.467G	56.89	68.20	-11.31	6.82	3	Horizontal	217	1.45	-	50.07	31.73	9.35	34.26
PK	5.613G	99.63	Inf	-Inf	6.86	3	Horizontal	217	1.45	-	92.77	31.67	9.46	34.27
PK	5.725G	58.55	68.20	-9.65	7.17	3	Horizontal	217	1.45	-	51.38	31.95	9.50	34.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

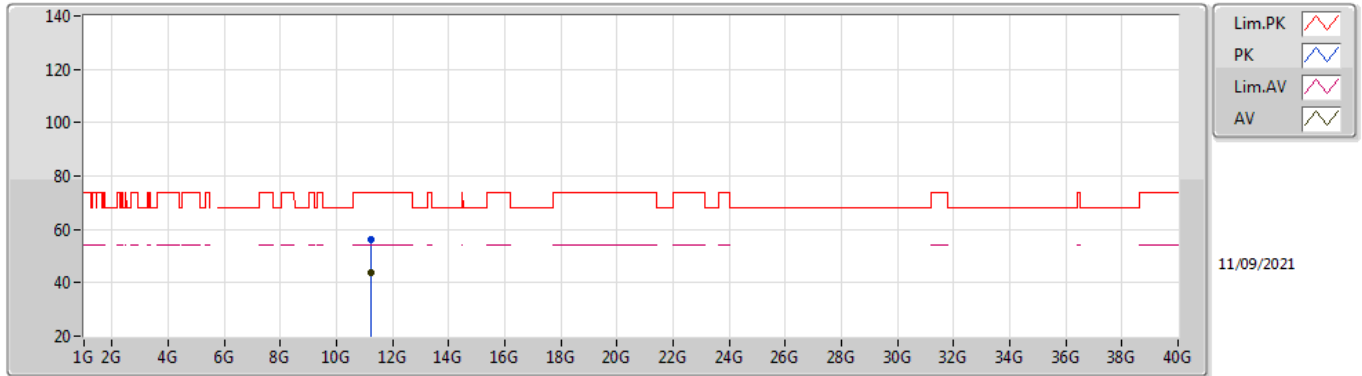
5610MHz_TX



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	11.23872G	44.21	54.00	-9.79	18.09	3	Vertical	234	1.50	-	26.12	39.54	12.73	34.18
PK	11.20968G	56.25	74.00	-17.75	18.05	3	Vertical	234	1.50	-	38.20	39.51	12.72	34.18

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

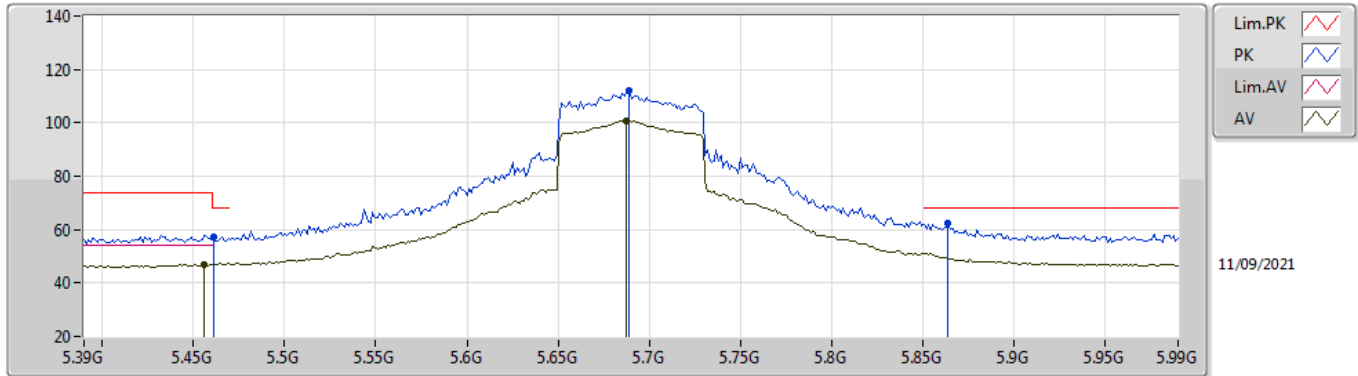
5610MHz_TX



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	11.22336G	43.73	54.00	-10.27	18.06	3	Horizontal	68	1.50	-	25.67	39.52	12.72	34.18
PK	11.22272G	55.96	74.00	-18.04	18.06	3	Horizontal	68	1.50	-	37.90	39.52	12.72	34.18

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

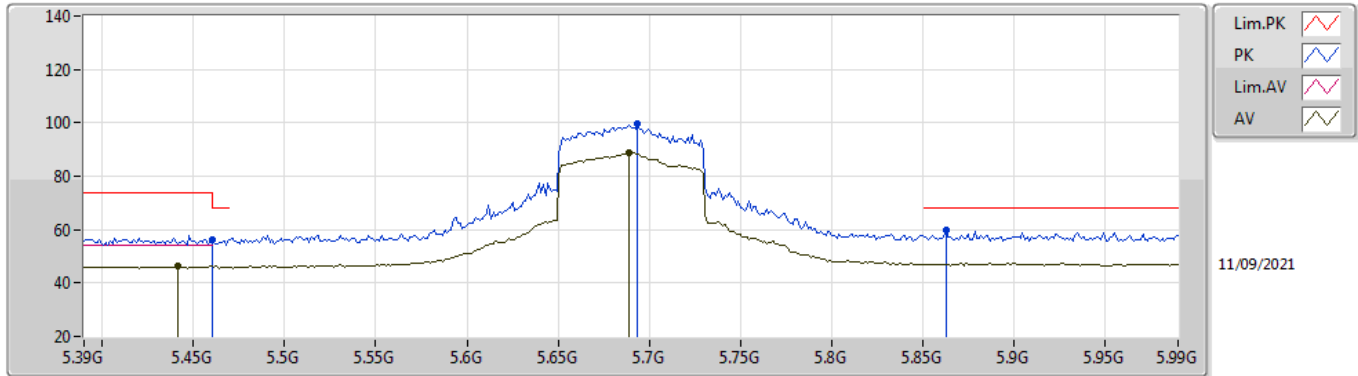
5690MHz Straddle 5.47-5.725GHz_TX



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	5.456G	46.96	54.00	-7.04	6.79	3	Vertical	50	1.49	-	40.17	31.71	9.34	34.26
AV	5.6876G	100.85	Inf	-Inf	7.04	3	Vertical	50	1.49	-	93.81	31.83	9.49	34.28
PK	5.4608G	57.38	68.20	-10.82	6.81	3	Vertical	50	1.49	-	50.57	31.72	9.35	34.26
PK	5.6888G	111.84	Inf	-Inf	7.04	3	Vertical	50	1.49	-	104.80	31.83	9.49	34.28
PK	5.864G	62.23	68.20	-5.97	7.63	3	Vertical	50	1.49	-	54.60	32.36	9.57	34.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

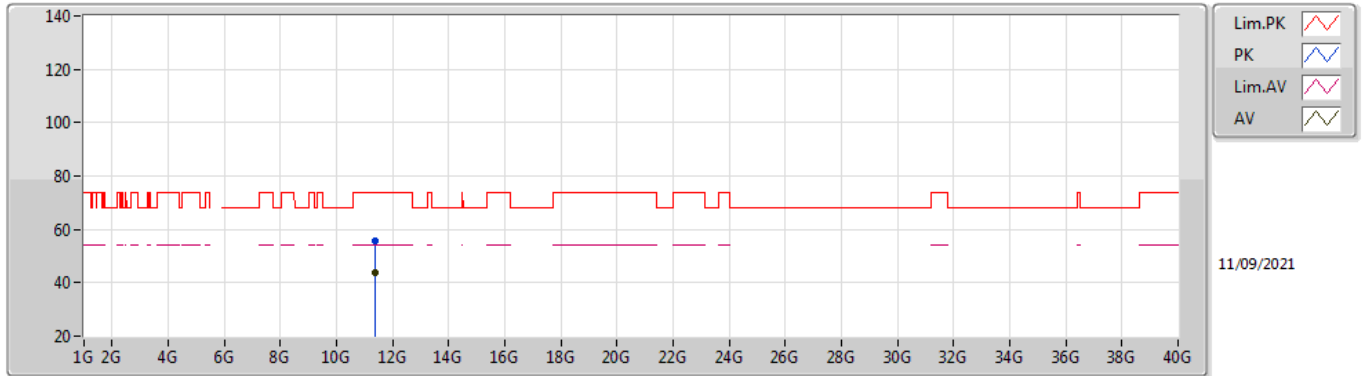
5690MHz Straddle 5.47-5.725GHz_TX



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	5.4416G	46.41	54.00	-7.59	6.77	3	Horizontal	222	1.50	-	39.64	31.70	9.33	34.26
AV	5.6888G	88.79	Inf	-Inf	7.04	3	Horizontal	222	1.50	-	81.75	31.83	9.49	34.28
PK	5.46G	56.30	68.20	-11.90	6.81	3	Horizontal	222	1.50	-	49.49	31.72	9.35	34.26
PK	5.6936G	99.83	Inf	-Inf	7.07	3	Horizontal	222	1.50	-	92.76	31.86	9.49	34.28
PK	5.8628G	59.61	68.20	-8.59	7.62	3	Horizontal	222	1.50	-	51.99	32.35	9.57	34.30

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

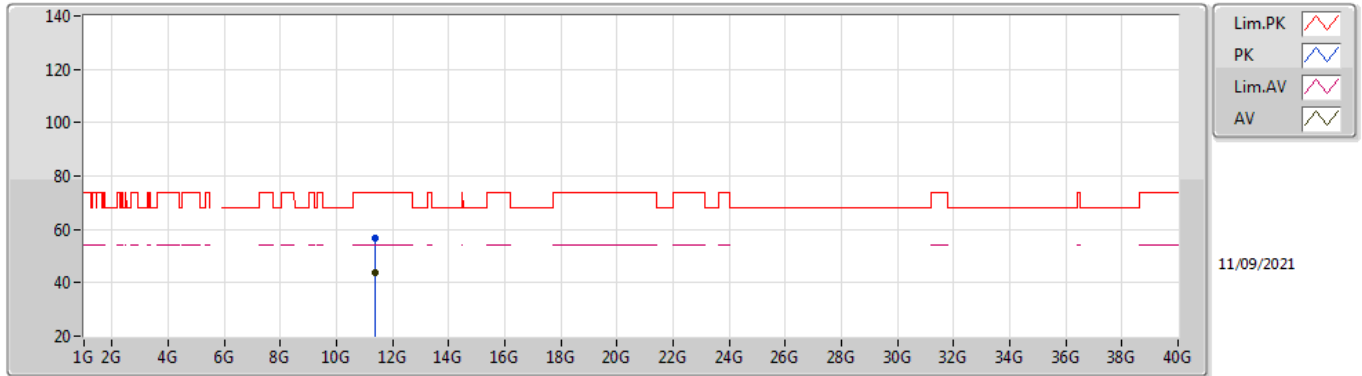
5690MHz Straddle 5.47-5.725GHz_TX



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	11.38632G	43.98	54.00	-10.02	18.48	3	Vertical	237	1.16	-	25.50	39.86	12.79	34.17
PK	11.39344G	55.89	74.00	-18.11	18.51	3	Vertical	237	1.16	-	37.38	39.88	12.80	34.17

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

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	11.3632G	44.00	54.00	-10.00	18.40	3	Horizontal	60	1.50	-	25.60	39.79	12.78	34.17
PK	11.36552G	56.51	74.00	-17.49	18.41	3	Horizontal	60	1.50	-	38.10	39.80	12.78	34.17