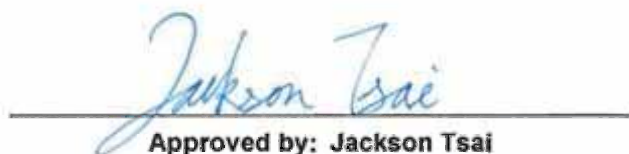


FCC Radio Test Report

FCC ID : UXX-S5A237A
Contains FCC ID : N7NEM91
Equipment : R2105 5G Ruggedized Router
Brand Name : Cradlepoint
Model Name : S5A237A
Applicant : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho,United States
83702
Manufacturer : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho,United States
83702
Standard : 47 CFR FCC Part 15.407

The product was received on May 13, 2022, and testing was started from Jun. 02, 2022 and completed on Jul. 26, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Channel Mode	9
2.2 The Worst Case Measurement Configuration.....	12
2.3 Accessories	13
2.4 Support Equipment.....	13
2.5 Test Setup Diagram	14
3 TRANSMITTER TEST RESULT	17
3.1 Emission Bandwidth	17
3.2 Maximum Conducted Output Power	18
3.3 Peak Power Spectral Density.....	20
3.4 Unwanted Emissions.....	22
4 TEST EQUIPMENT AND CALIBRATION DATA.....	26
APPENDIX A. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX B. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX C. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX D. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX E. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	PASS	Only employ battery power.
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:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Amber Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax(HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5250-5350	n (HT40), ac (VHT40), ax(HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5250-5350	ac (VHT80), ax(HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.25-5.35GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.25-5.35GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.25-5.35GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.25-5.35GHz	802.11ax HEW80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
0	WNC	XEAK-CP1	PIFA antenna	I-PEX
1	WNC	XEAK-CP1	PIFA antenna	I-PEX

Ant.	Port	Gain (dBi)			
		2.4G	5G		
			U-NII-2A	U-NII-2C	U-NII-3
0	1	2.2	3.4	5.0	3.3
1	2	4.3	5.0	4.9	5.4

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 0 (port 1) and Ant. 1(port 2) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 0 (port 1) and Ant. 1(port 2) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Adapter/ DC power supply/ PoE		
EUT Function	☒ Outdoor AP	☐ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
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) $\geq \frac{1}{T}$
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.947	0.24	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.942	0.26	5.452m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.95	0.22	5.452m	300

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq \frac{1}{T}$
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.954	0.2	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.95	0.22	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.95	0.22	5.446m	300

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-HY	Johnny Yu	22.3~26.1°C / 53~59%	06/Jun/2022~26/Jul/2022
Radiated	03CH02-HY	Jack Tang	21.3~21.8°C / 57~59%	02/Jun/2022~13/Jul/2022
Radiated (Co-location)	03CH03-HY	Edward Wang	21.9~22.4°C / 59~61%	21/Jul/2022
☐ 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
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00079.1
Non-Beamforming	
Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
5745MHz	23
5785MHz	23
5825MHz	23
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	19
5580MHz	19
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
5745MHz	22
5785MHz	23
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	17.5
5510MHz	17.5
5550MHz	20
5670MHz	18.5



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	19.5
5710MHz Straddle 5.725-5.85GHz	19.5
5755MHz	20.5
5795MHz	23
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	16.5
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5
5775MHz	18.5

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	18
5300MHz	18
5320MHz	18.5
5500MHz	19
5580MHz	19
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
5745MHz	22
5785MHz	23
5825MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	18.5
5310MHz	17.5
5510MHz	17.5
5550MHz	18
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	18.5
5710MHz Straddle 5.725-5.85GHz	18.5
5755MHz	20.5
5795MHz	23



Mode	Power Setting
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	16
5530MHz	16.5
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
5775MHz	18.5

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	Adapter Mode		
2	DC power supply Mode		
3	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA2504050-01 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
DC Cable	Brand Name	Cradlepoint	Model Name	170864-000
	Signal Line	3 meter (Nien-Yi NYS4862)		

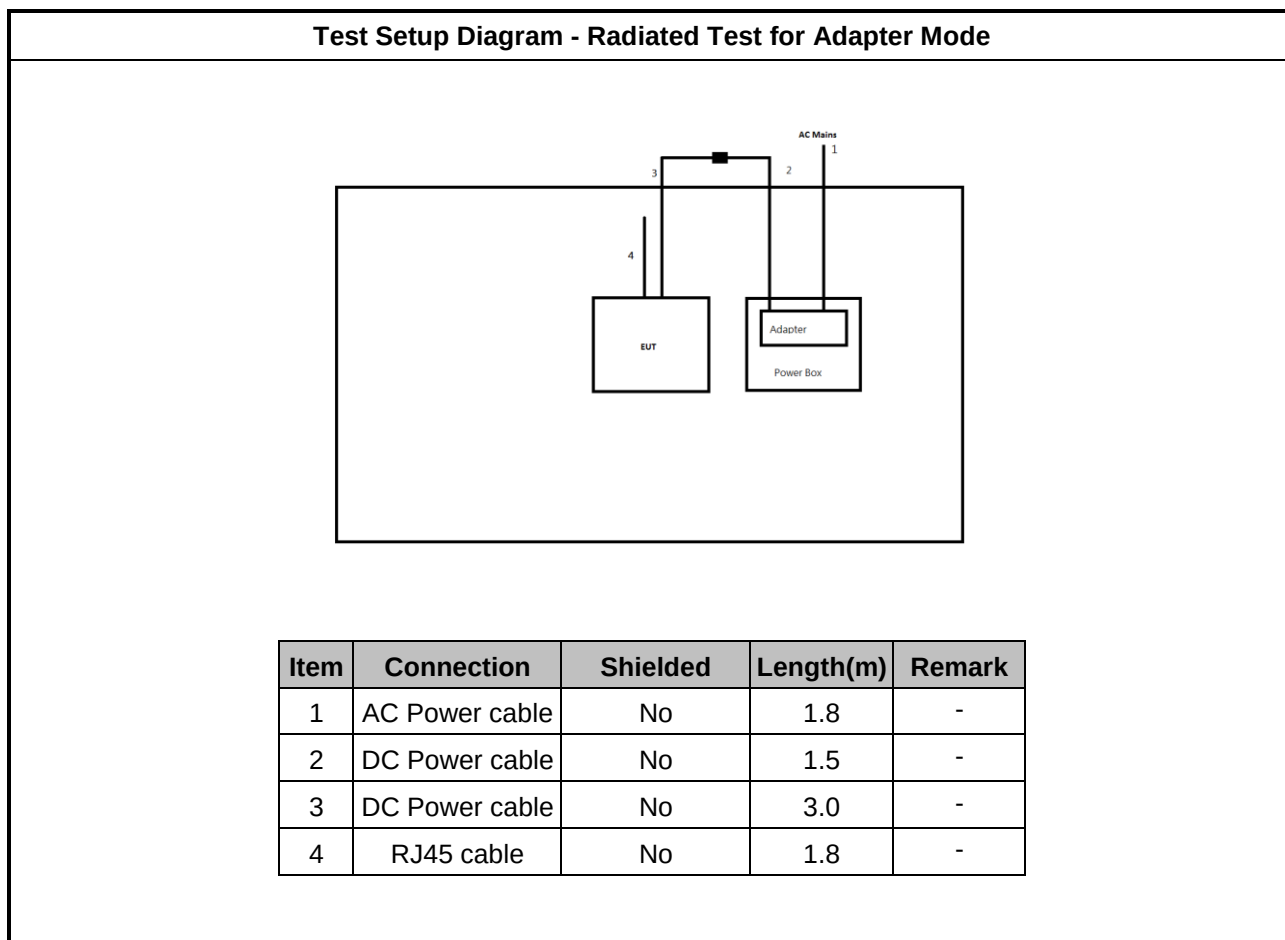
Reminder: Regarding to more detail and other information, please refer to user manual.

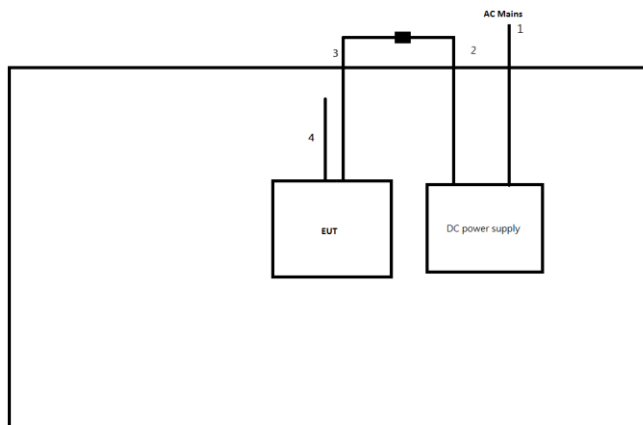
2.4 Support Equipment

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

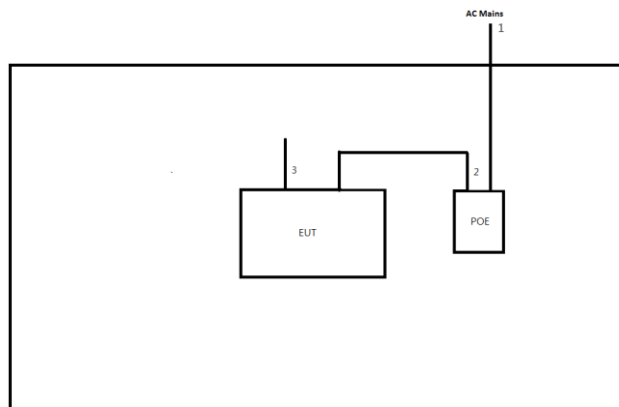
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Load	Sporton	Sporton	-	-
2	AC Adapter	ADP	WA-36N12R	-	Provided by Customer Part number: 170716-000
3	RJ45 Cable	-	-	-	Provided by Customer

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test for DC power supply Mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	DC Power cable	No	3.0	-
4	RJ45 cable	No	1.8	-

Test Setup Diagram - Radiated Test for PoE Mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	1.8	-
3	DC Power cable	No	3.0	-

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.

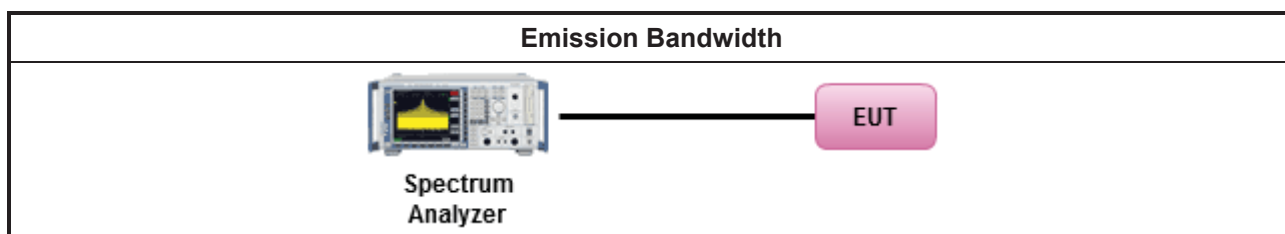
3.1.2 Measuring Instruments

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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

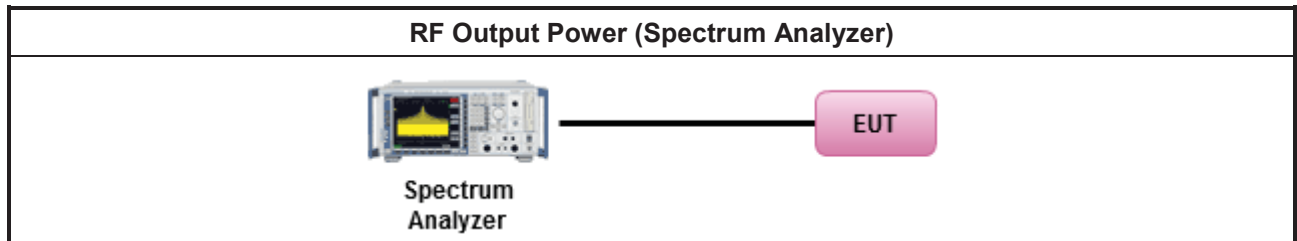
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

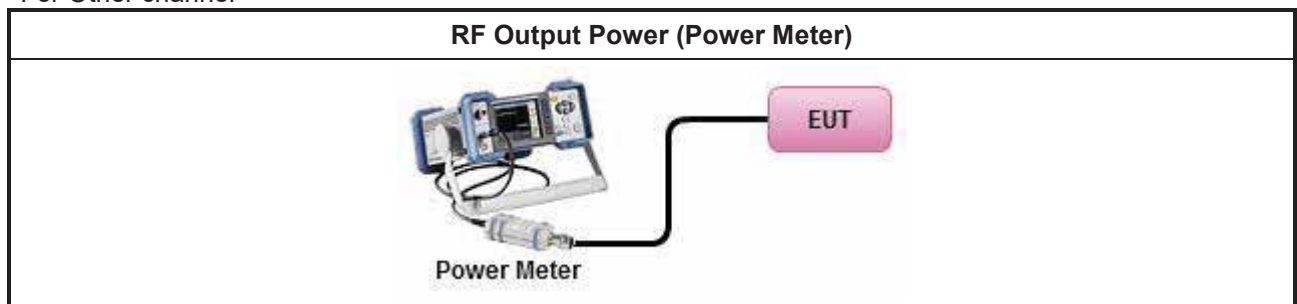
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
	☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

For Straddle channel



For Other channel



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

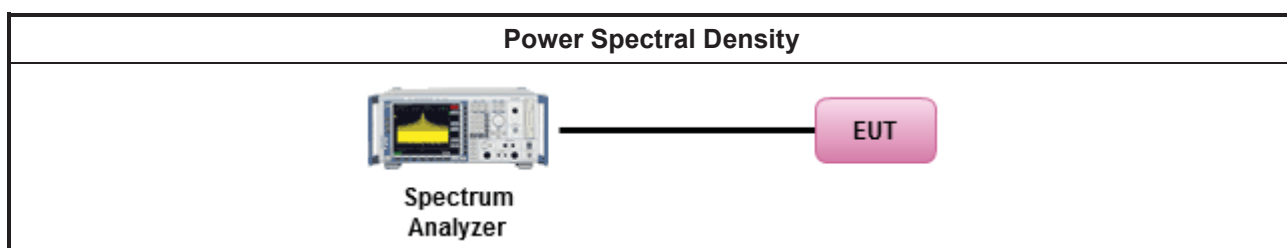
Refer a test equipment and calibration data table in this test report.

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 $\geq 98\%$
☐	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)
☐	For conducted measurement.

Test Method					
	- If the EUT supports multiple transmit chains using options given below: <table border="1"> <tr> <td></td><td> - 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. </td></tr> <tr> <td></td><td> - 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]) $EIRP_{total} = PPSD_{total} + DG$ </td></tr> </table>		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]) $EIRP_{total} = PPSD_{total} + DG$
	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

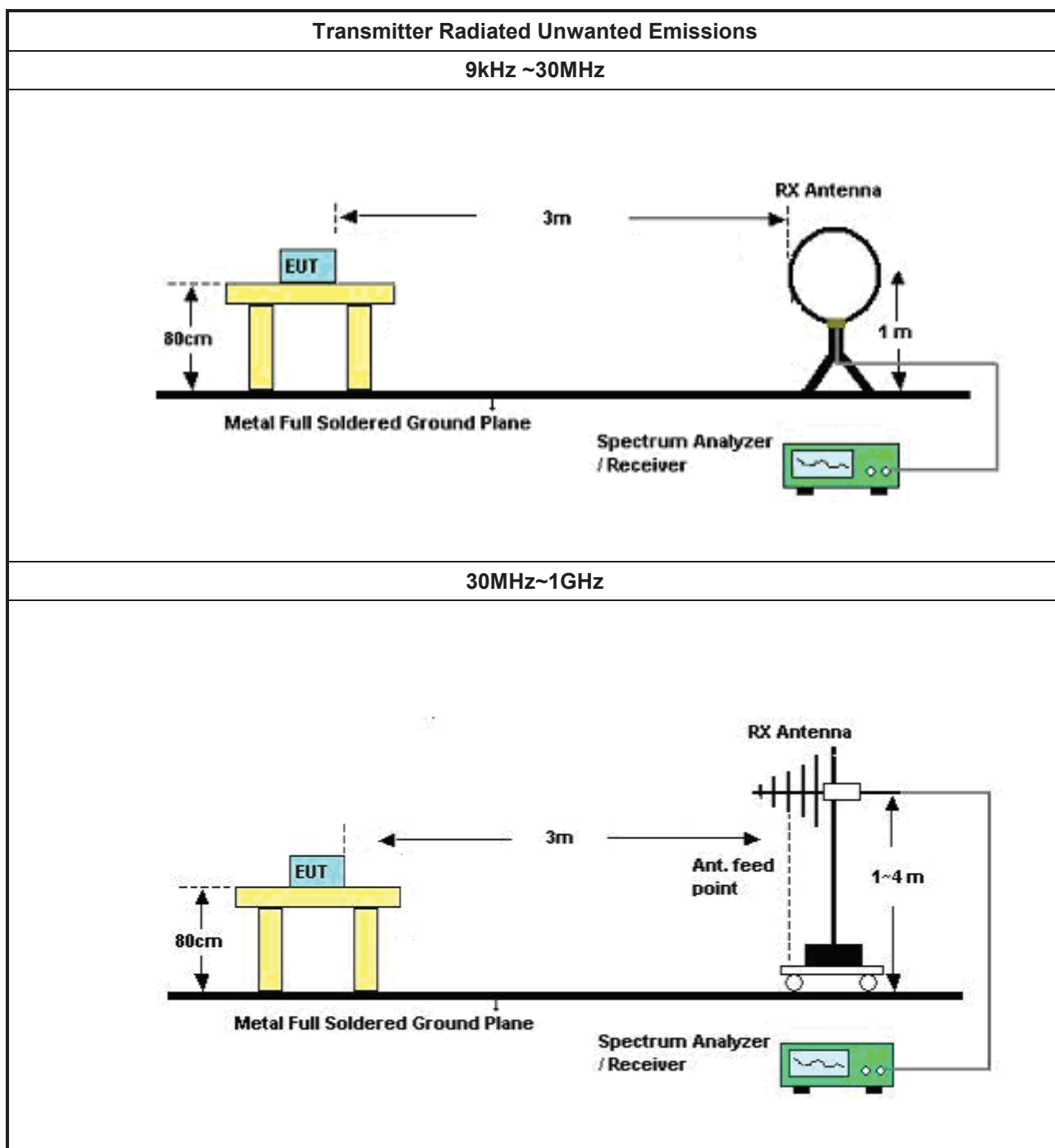
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.

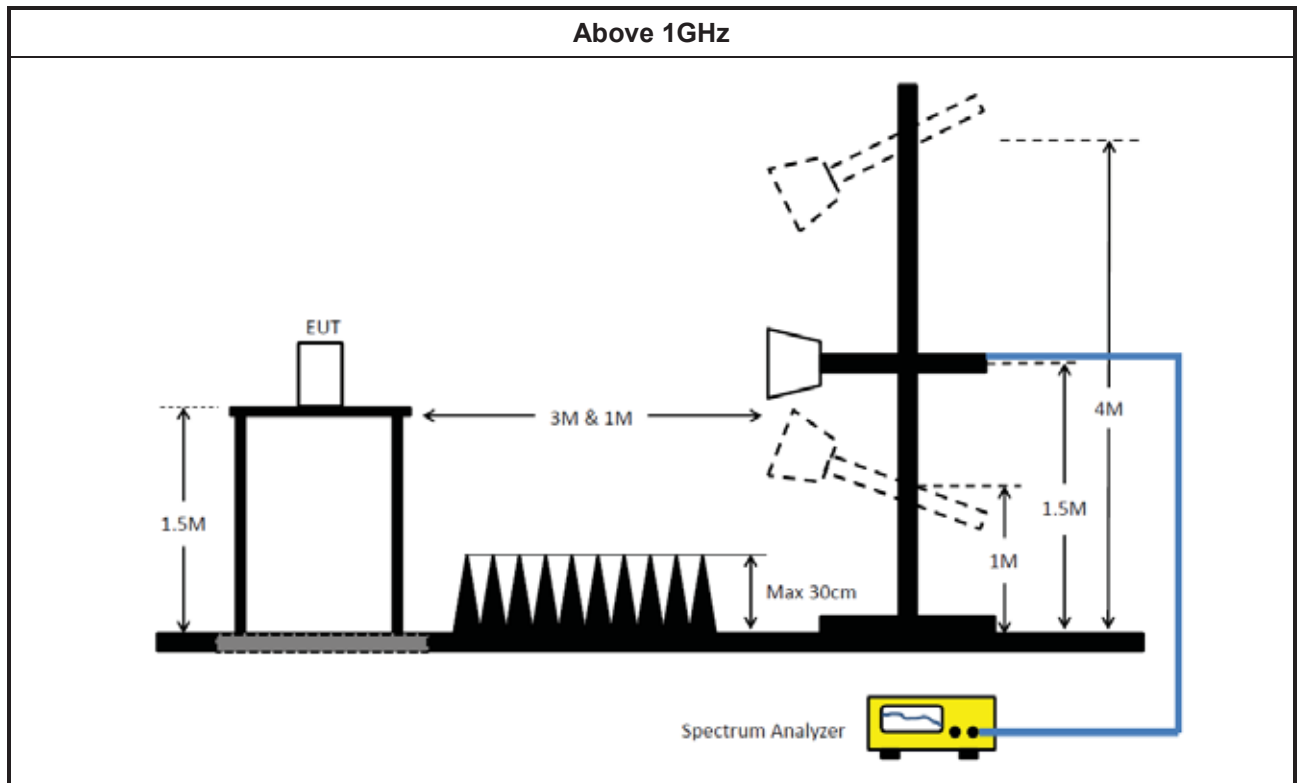
3.4.4 Measurement Results Calculation

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	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15407_NII	Sporton	5.10.8.3	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
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	08/Apr/2022	07/Apr/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407_NII	Sporton	V5.10.8.1	N/A	N/A	N/A	N/A

**Instrument for Radiated Test - Co-location**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	03/Aug/2021	02/Aug/2022
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	KEYSIGHT	87422A	MY53270197	1GHz~26.5GHz	30/Nov/2021	29/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	28/Jul/2021	27/Jul/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	v5.10.8.2	NA	NA	NA	NA

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.76M	16.462M	16M5D1D	20.52M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.96M	18.981M	19M0D1D	21.36M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	52.08M	38.381M	38M4D1D	41.34M	37.901M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.361M	77M4D1D	82.2M	77.361M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.11M	16.552M	16M6D1D	16.29M	13.298M
802.11ax HEW20_Nss1,(MCS0)_2TX	31.92M	19.19M	19M2D1D	21.42M	14.618M
802.11ax HEW40_Nss1,(MCS0)_2TX	72.96M	39.1M	39M1D1D	40.92M	34.038M
802.11ax HEW80_Nss1,(MCS0)_2TX	92.925M	77.481M	77M5D1D	82.44M	73.688M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	39.82M	39M9D1D	3.12M	5.597M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.02M	41.829M	41M9D1D	4.3M	9.055M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.16M	81.679M	81M7D1D	3.94M	19.37M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.28M	77.601M	77M7D1D	4M	31.944M

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

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.67M	16.462M	20.76M	16.432M
5300MHz	Pass	Inf	20.67M	16.462M	20.52M	16.432M
5320MHz	Pass	Inf	20.7M	16.462M	20.67M	16.462M
5500MHz	Pass	Inf	20.73M	16.462M	20.7M	16.462M
5580MHz	Pass	Inf	21.33M	16.552M	22.11M	16.522M
5700MHz	Pass	Inf	21.09M	16.492M	21.03M	16.522M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.29M	13.328M	16.305M	13.298M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	5.717M	3.12M	5.597M
5745MHz	Pass	500k	16.29M	39.82M	15.03M	39.64M
5785MHz	Pass	500k	16.29M	39.1M	15.81M	39.61M
5825MHz	Pass	500k	16.32M	39.22M	15.78M	38.561M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.96M	18.981M	21.69M	18.981M
5300MHz	Pass	Inf	21.72M	18.951M	21.54M	18.951M
5320MHz	Pass	Inf	21.36M	18.951M	21.42M	18.951M
5500MHz	Pass	Inf	21.99M	18.981M	21.72M	18.921M
5580MHz	Pass	Inf	27.33M	19.13M	31.92M	19.19M
5700MHz	Pass	Inf	21.96M	18.981M	21.42M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	21.945M	14.618M	21.72M	14.618M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	9.055M	4.3M	9.315M
5745MHz	Pass	500k	18.66M	34.153M	18.48M	35.952M
5785MHz	Pass	500k	19.02M	41.439M	18.99M	41.829M
5825MHz	Pass	500k	18.87M	40.96M	19.02M	40.78M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	52.08M	38.321M	48.3M	38.381M
5310MHz	Pass	Inf	41.34M	37.901M	41.7M	37.901M
5510MHz	Pass	Inf	41.28M	37.901M	40.92M	37.961M
5550MHz	Pass	Inf	53.52M	38.381M	72.96M	39.1M
5670MHz	Pass	Inf	41.28M	38.021M	41.94M	38.021M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	43.995M	34.108M	44.205M	34.038M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	19.47M	3.94M	19.37M
5755MHz	Pass	500k	37.92M	40.54M	37.74M	41.499M
5795MHz	Pass	500k	38.1M	81.619M	38.16M	81.679M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.361M	82.44M	77.361M
5530MHz	Pass	Inf	82.44M	77.241M	82.68M	77.241M
5610MHz	Pass	Inf	82.92M	77.481M	83.16M	77.481M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	92.925M	73.688M	92.925M	73.763M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	32.364M	4.08M	31.944M
5775MHz	Pass	500k	75.36M	77.601M	77.28M	77.481M

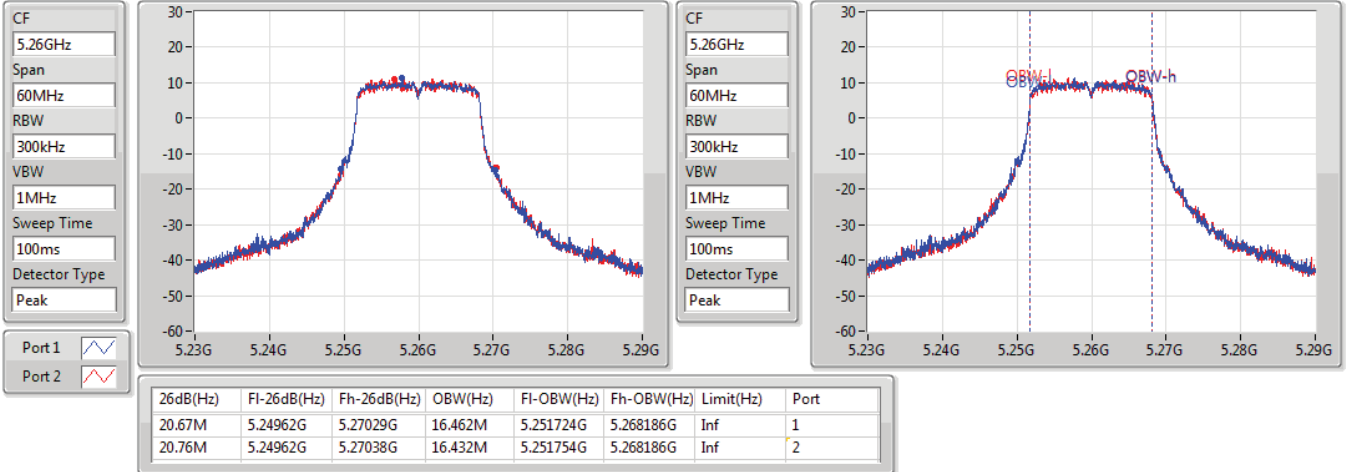
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

25/07/2022

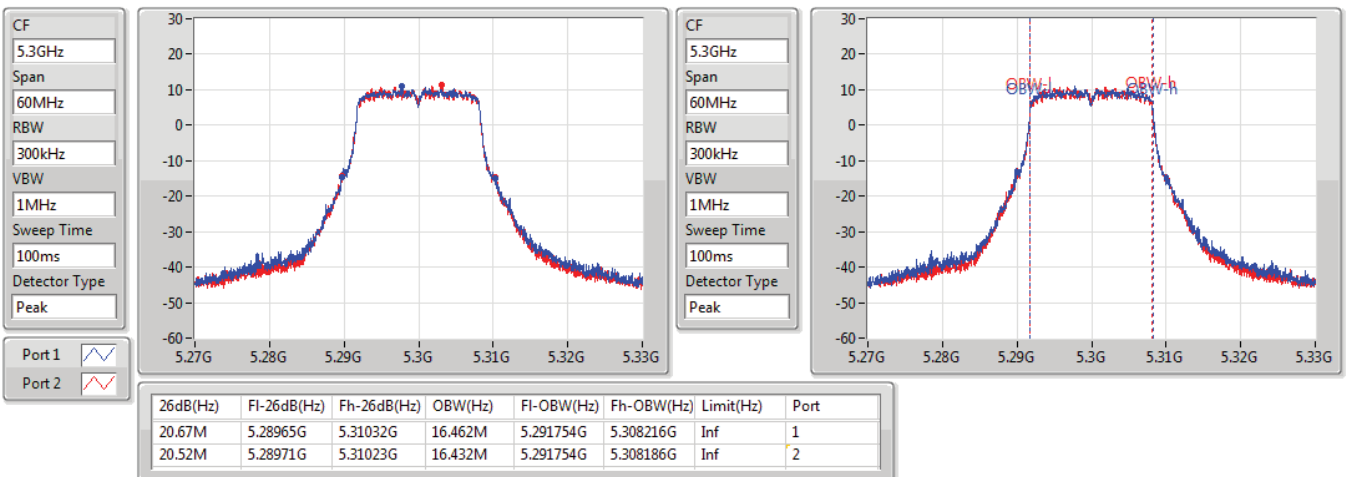


802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

25/07/2022

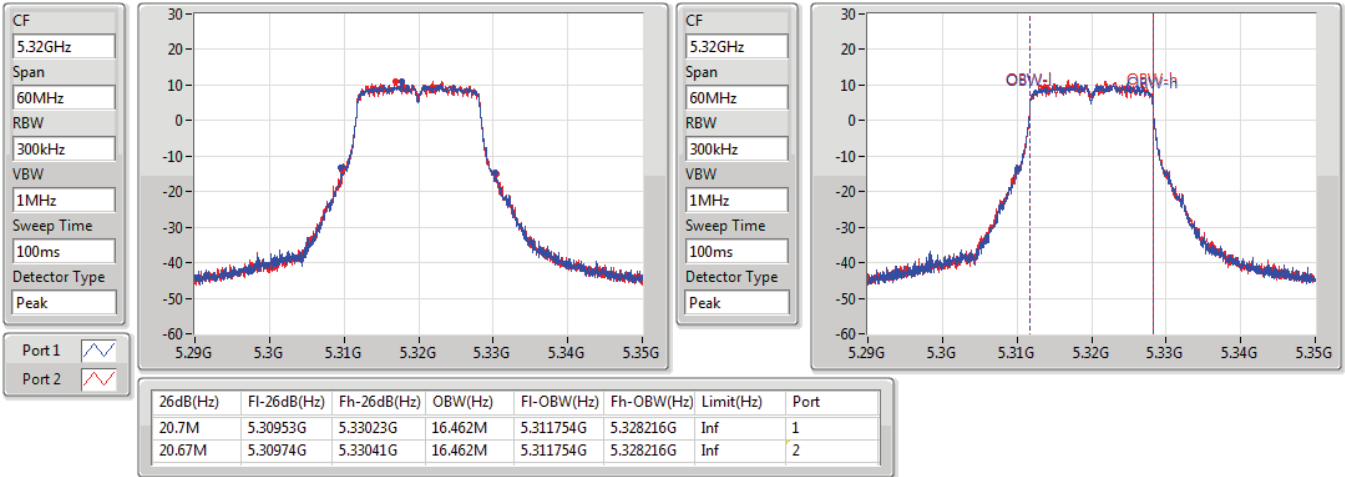


802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

25/07/2022

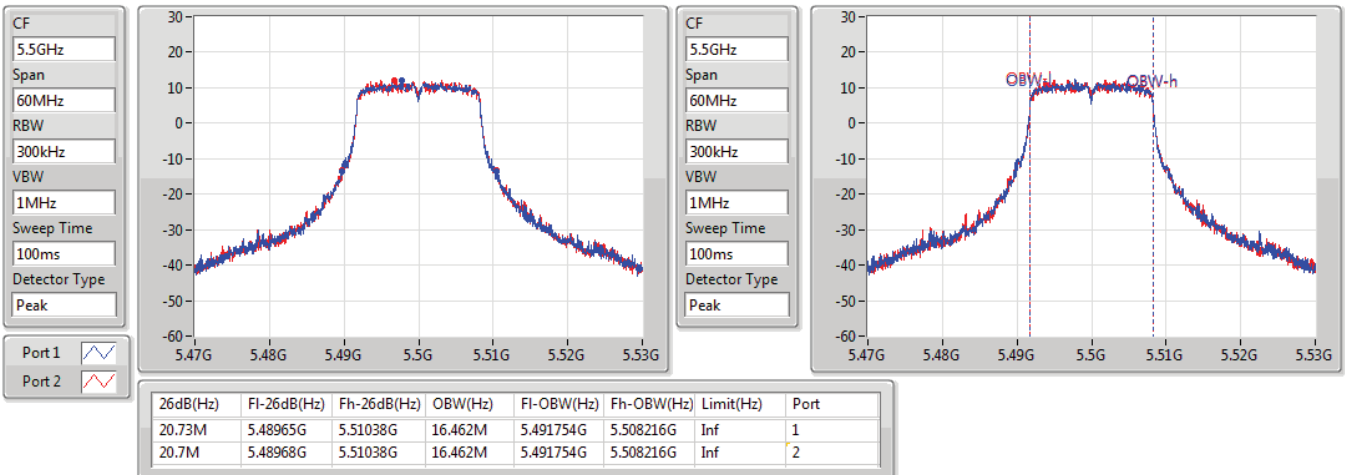


802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

14/06/2022

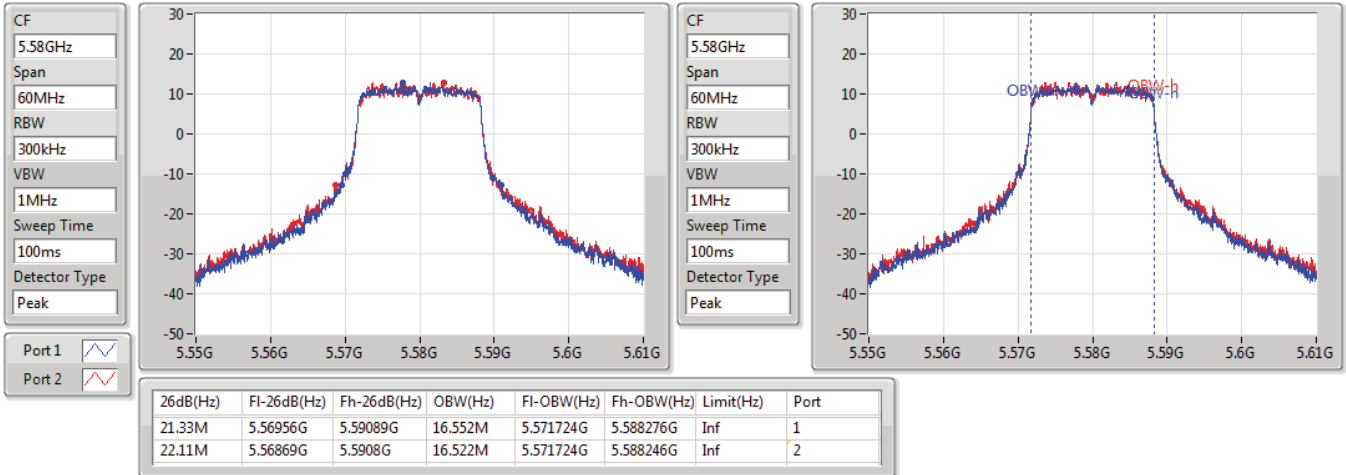


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

14/06/2022

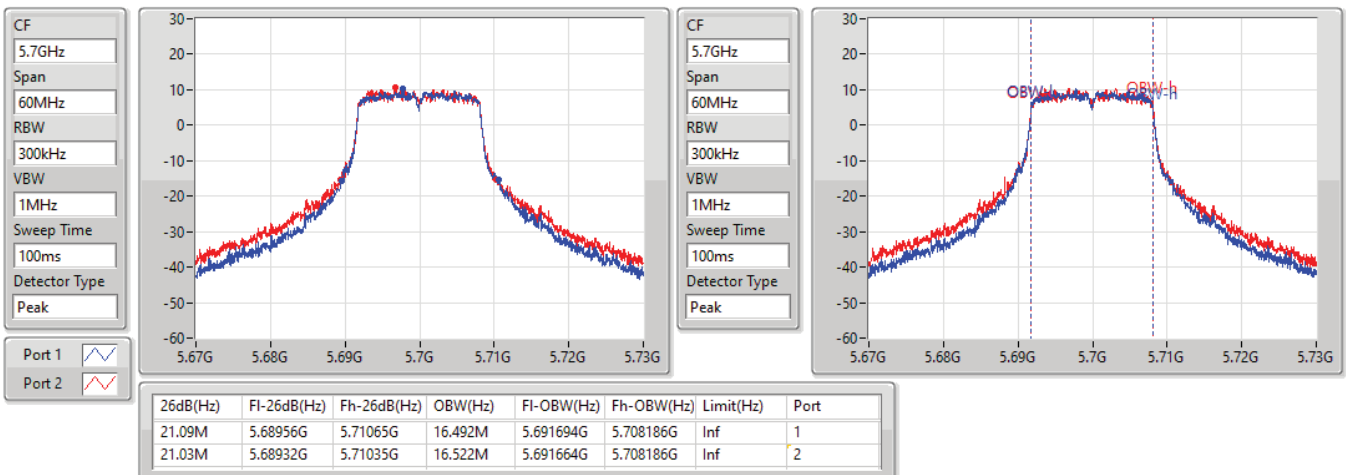


802.11a_Nss1,(6Mbps)_2TX

EBW

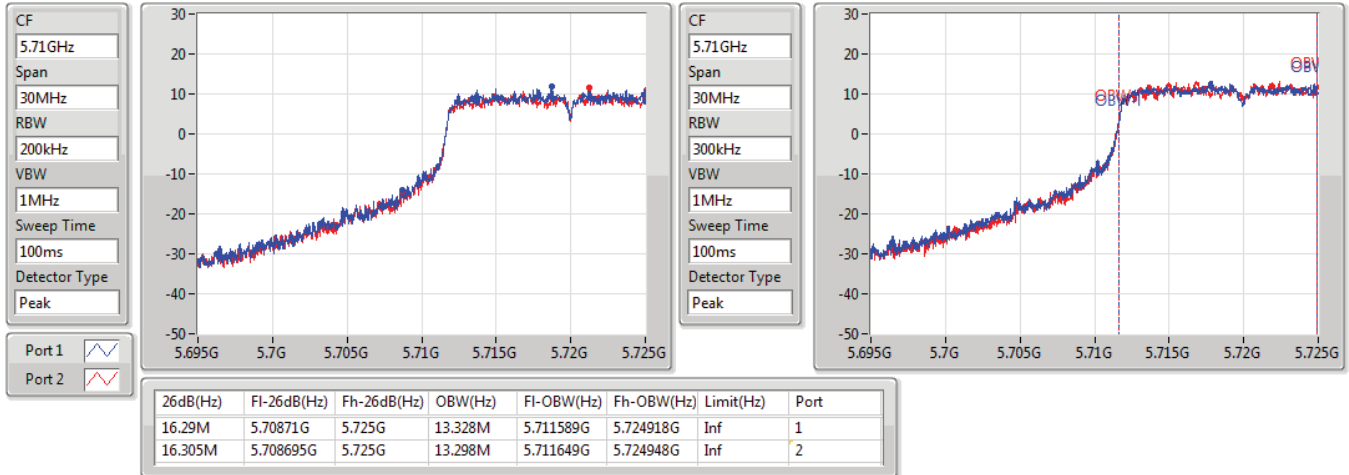
5700MHz

09/06/2022

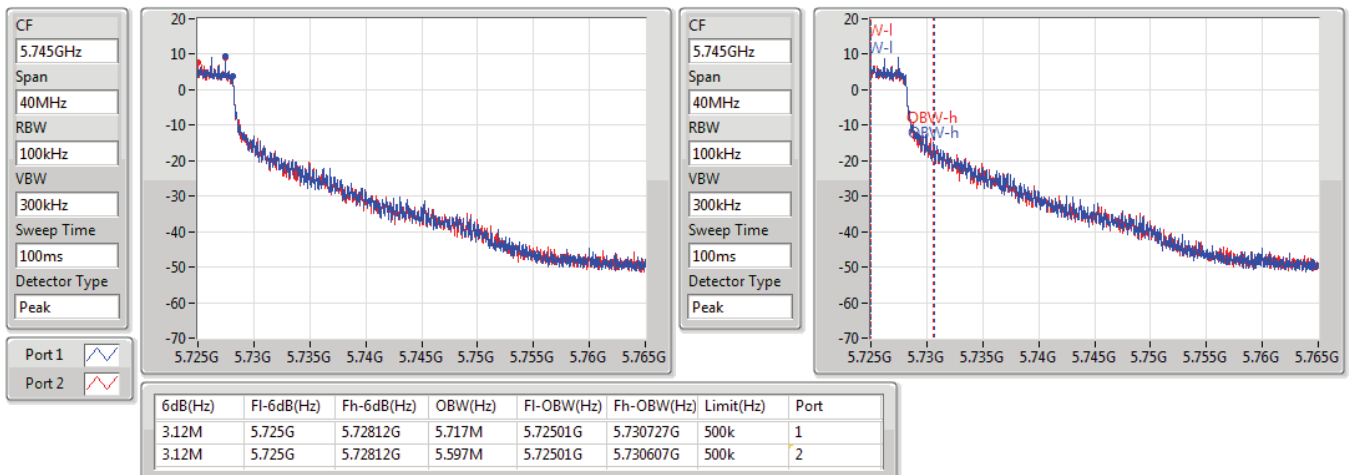


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

14/06/2022


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

14/06/2022

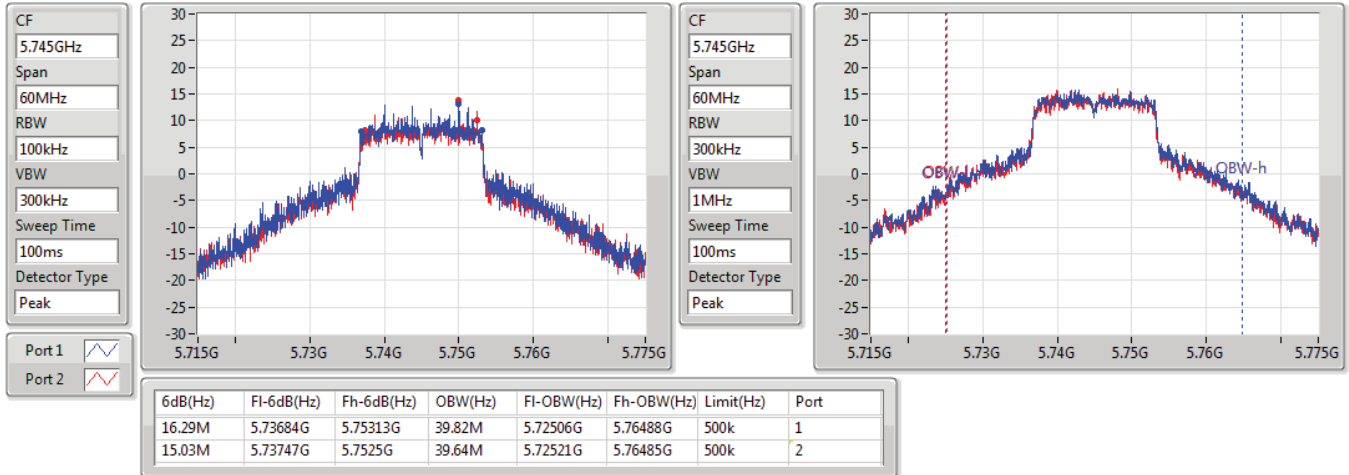


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

14/06/2022

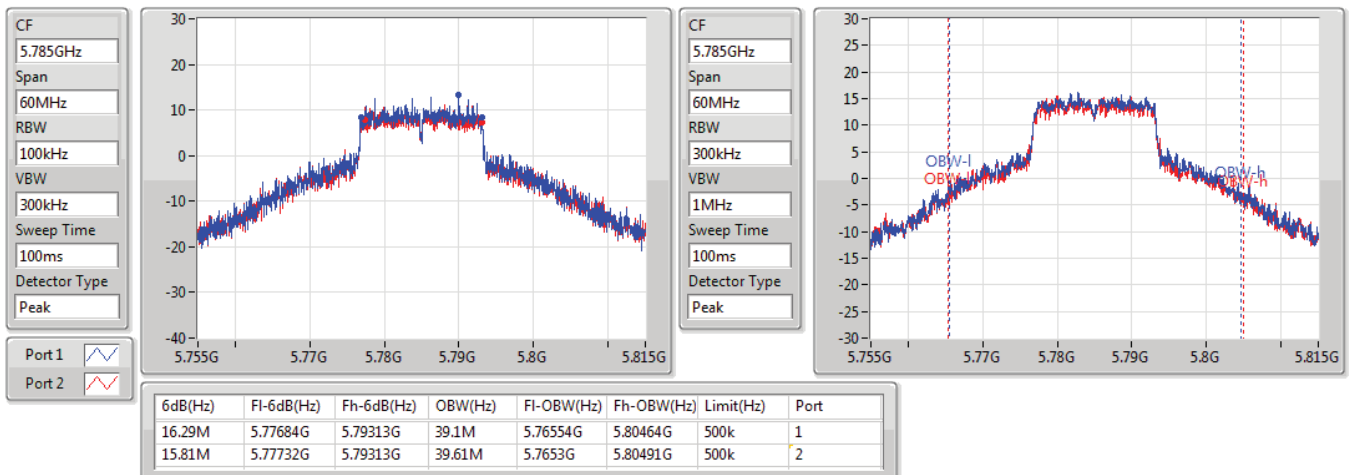


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

14/06/2022

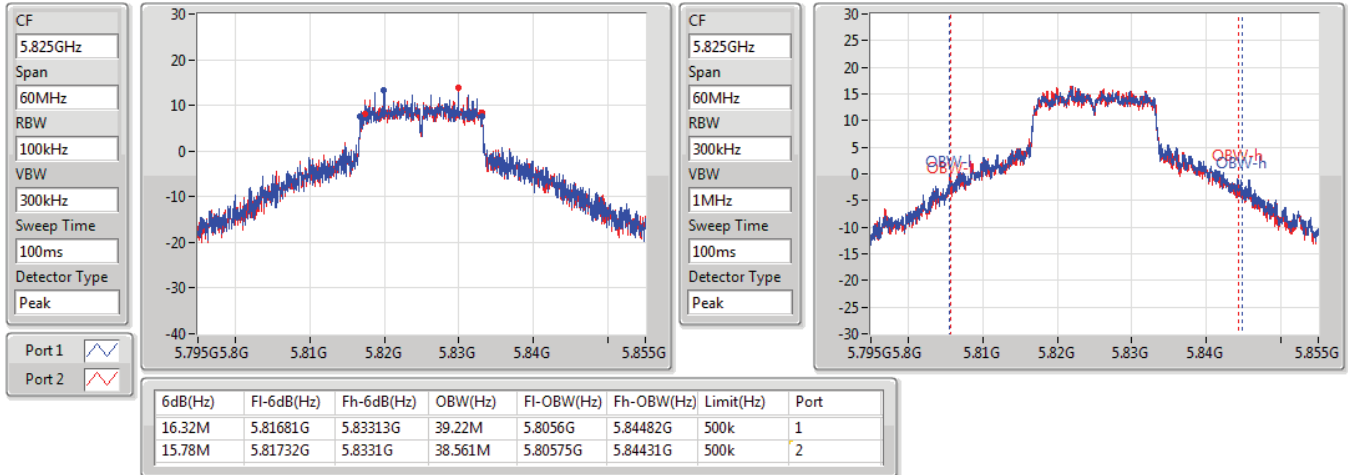


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

14/06/2022

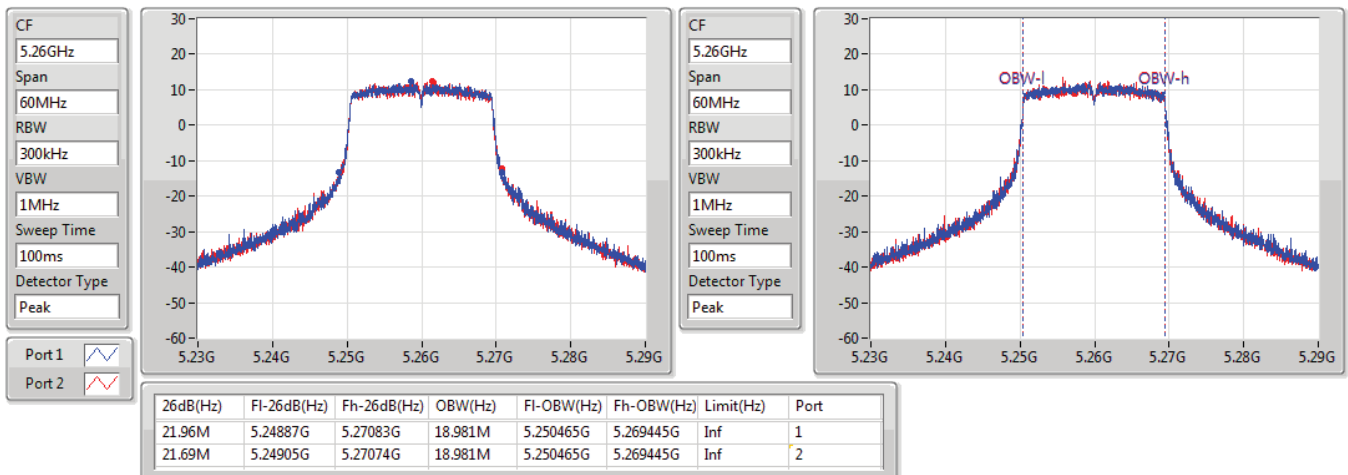


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

25/07/2022

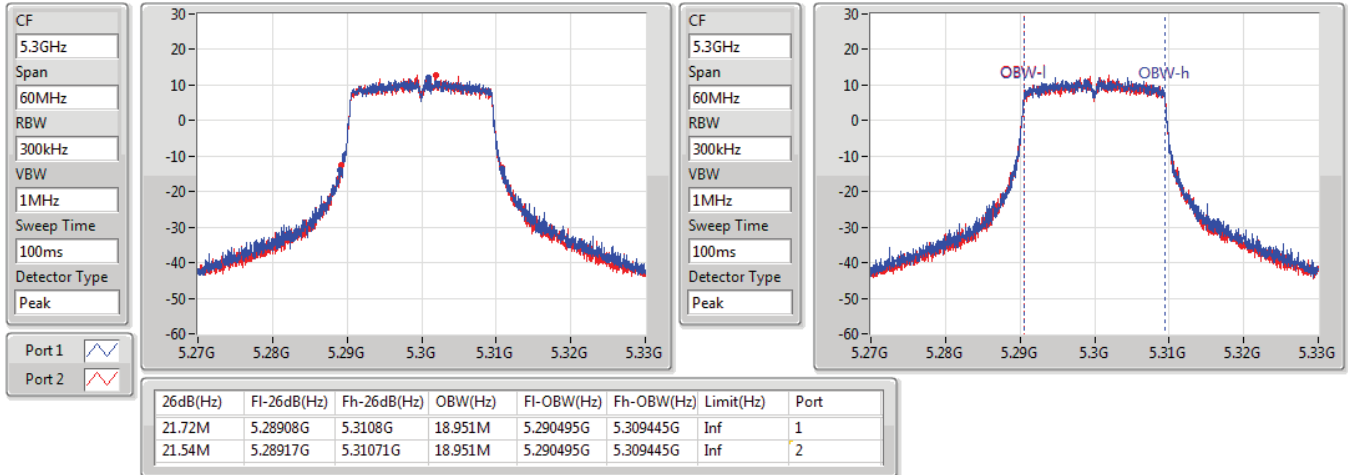


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5300MHz

25/07/2022

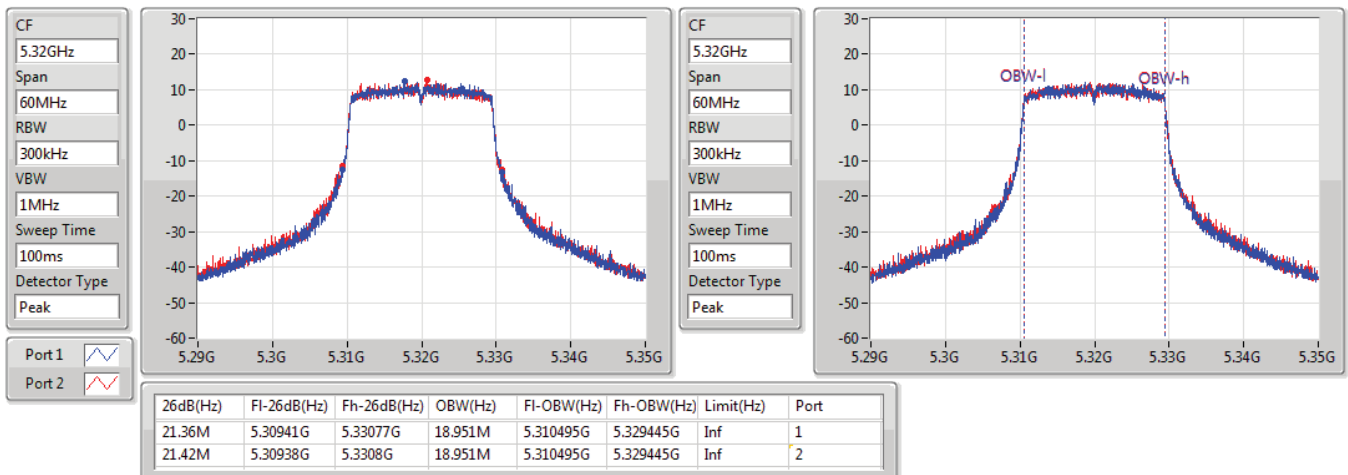


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5320MHz

25/07/2022

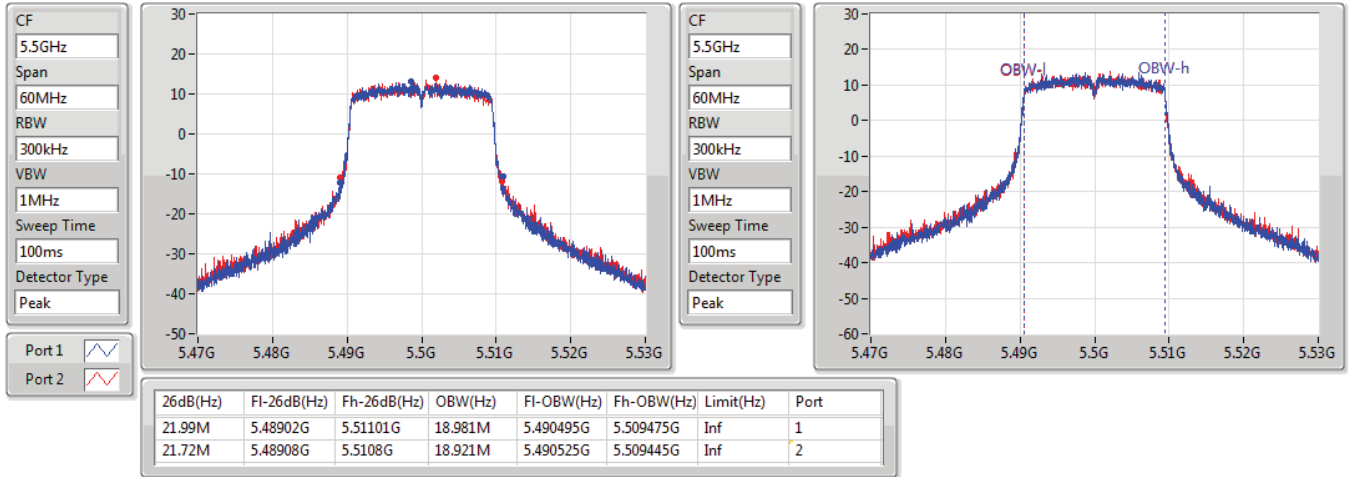


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5500MHz

14/06/2022

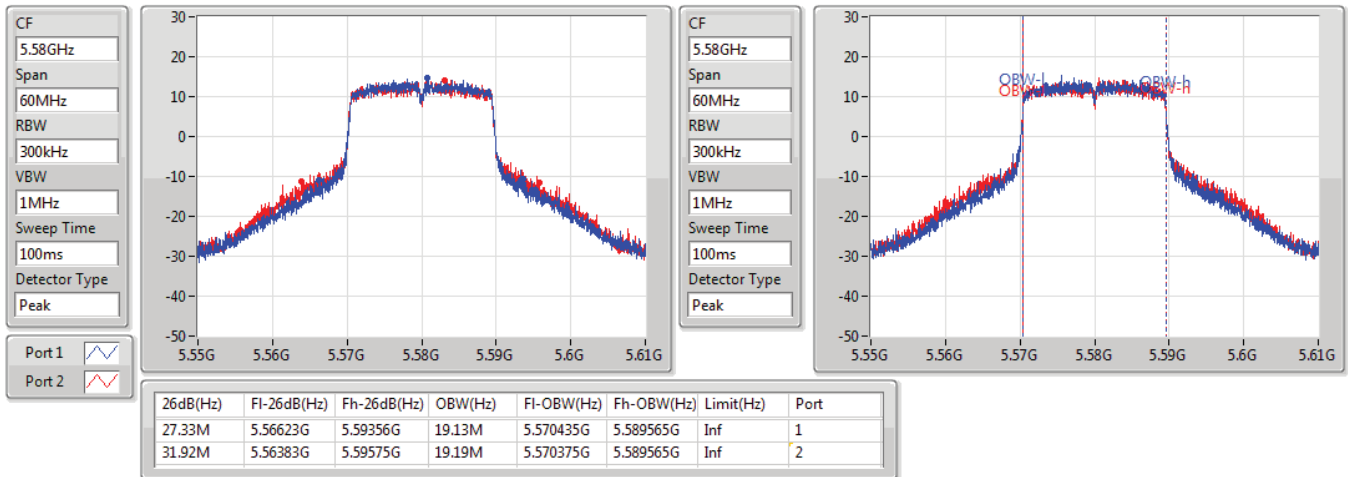


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5580MHz

14/06/2022

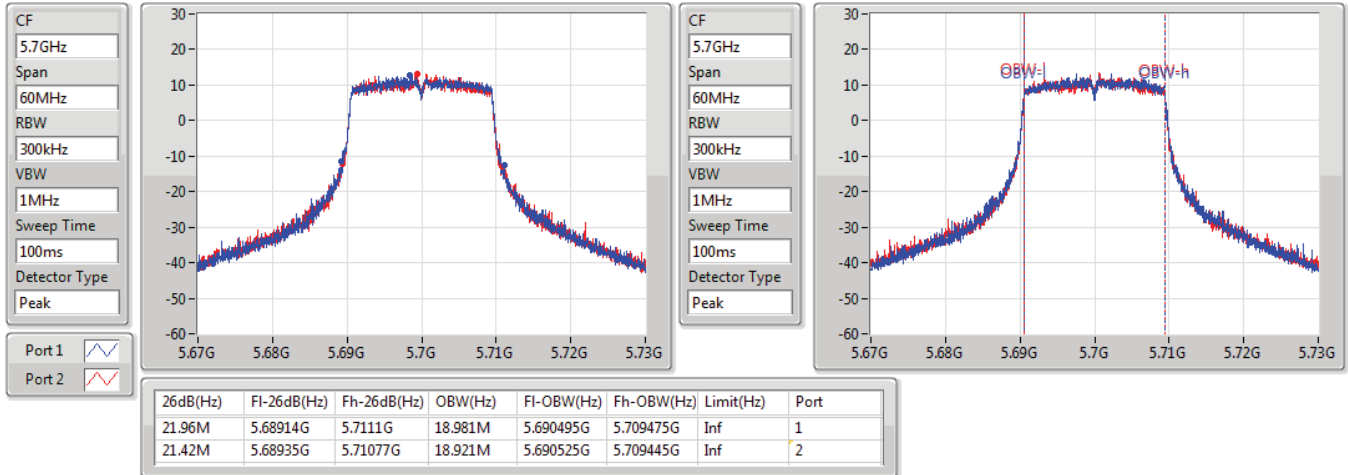


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5700MHz

14/06/2022

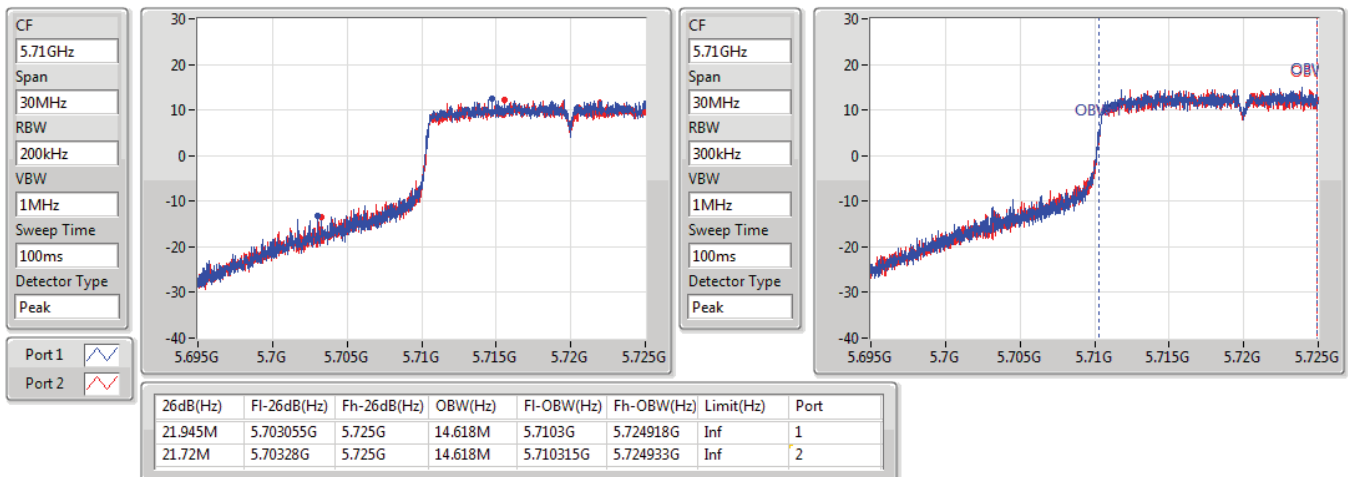


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.47-5.725GHz

14/06/2022

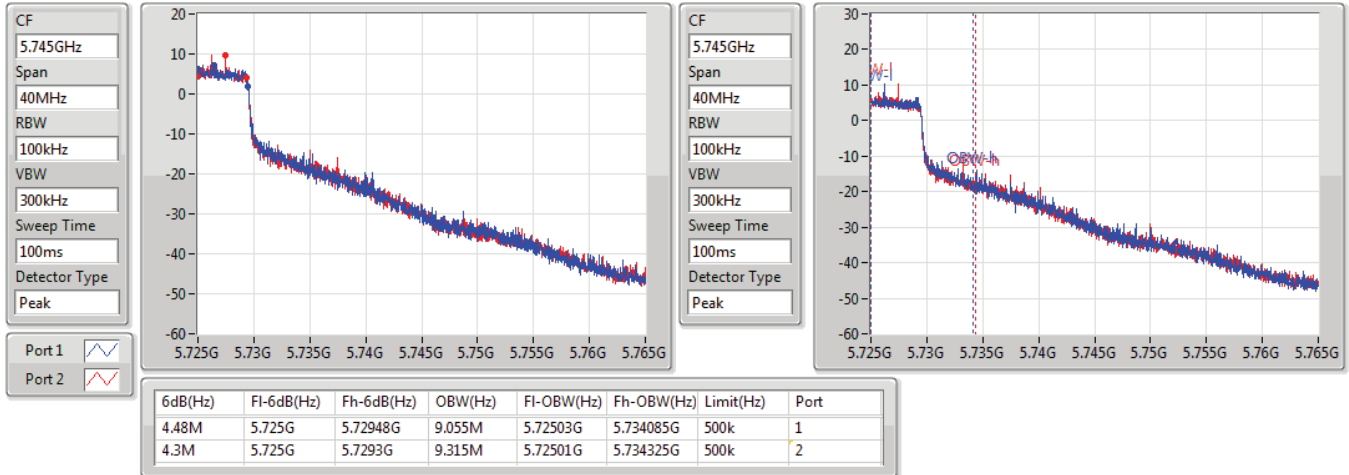


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

14/06/2022

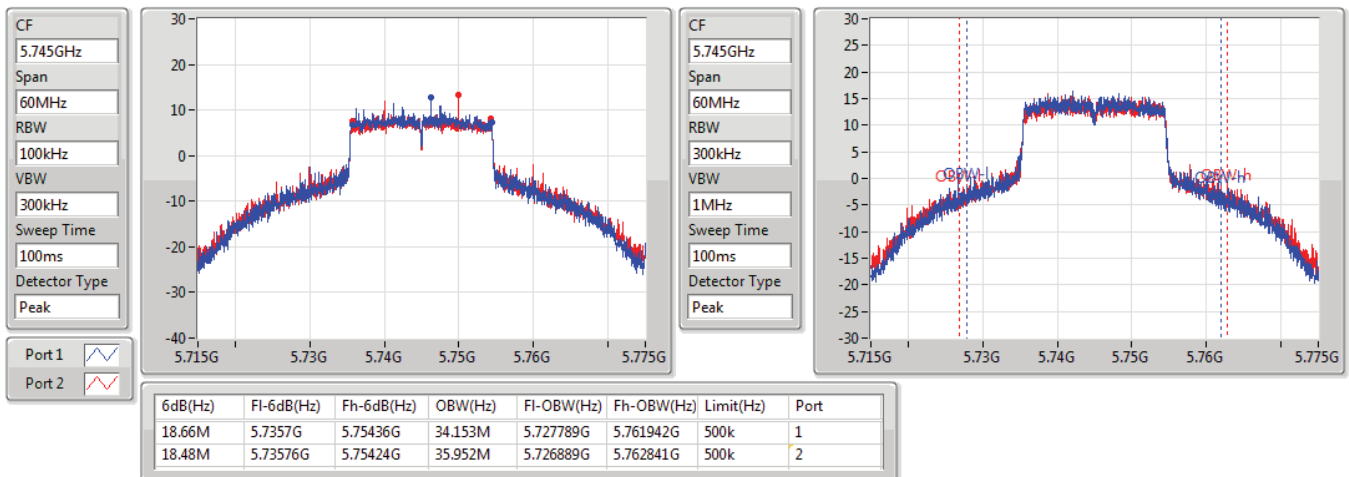


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

14/06/2022

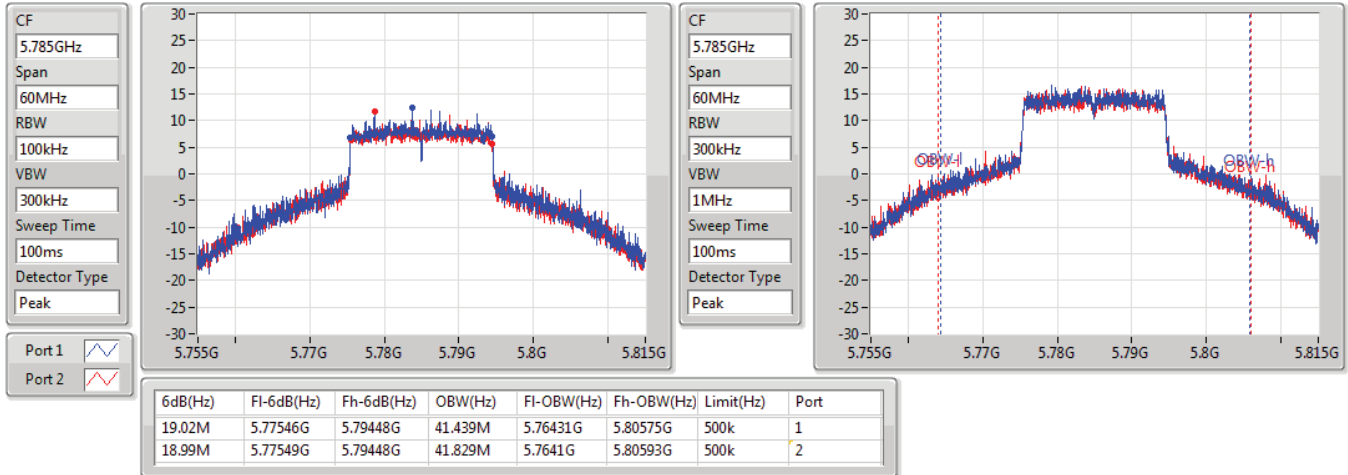


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

14/06/2022

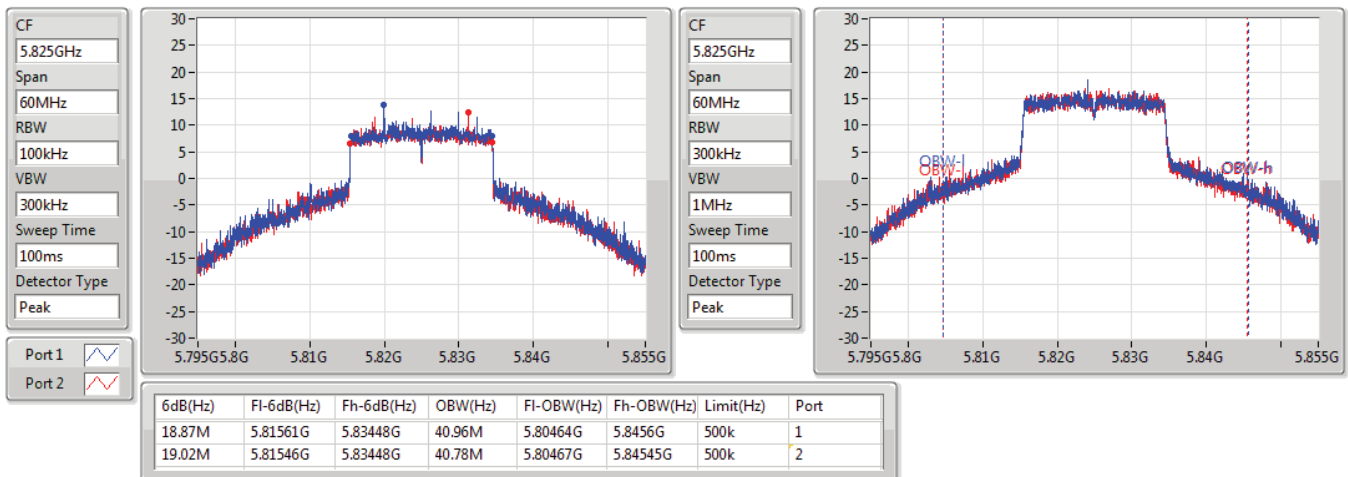


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

14/06/2022

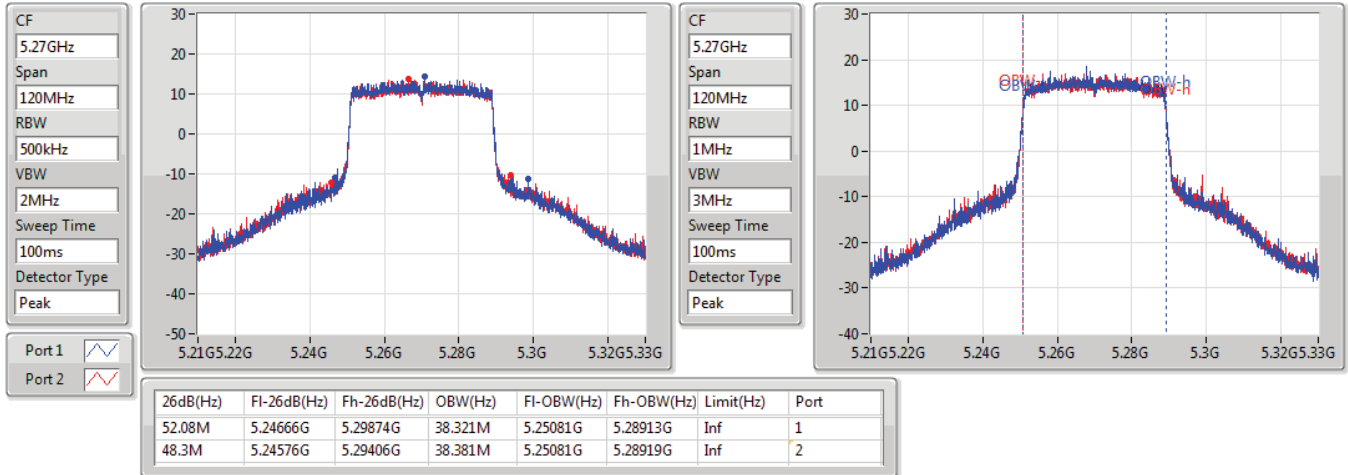


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5270MHz

14/06/2022

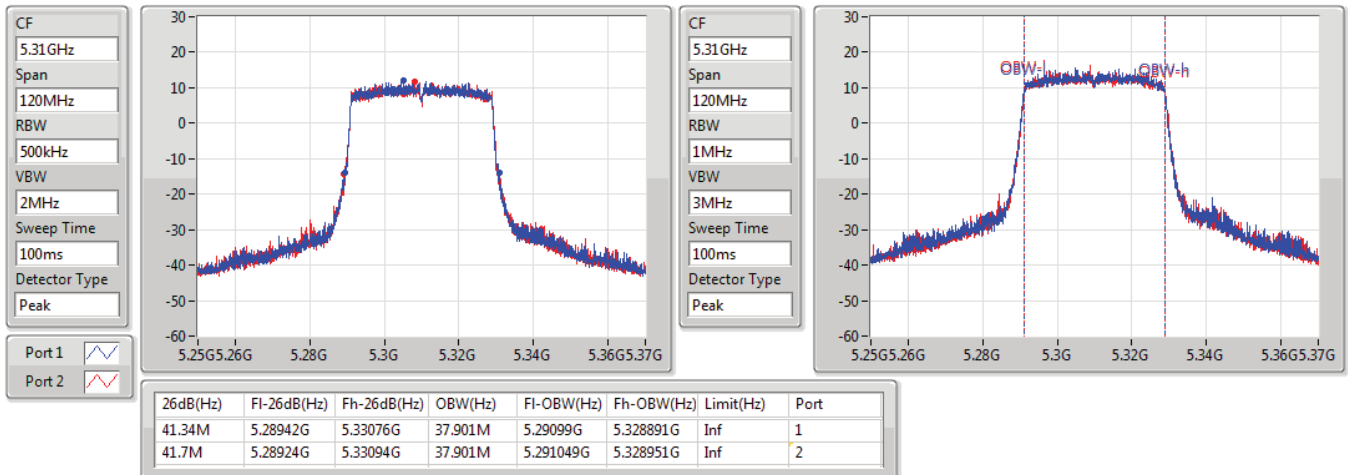


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5310MHz

14/06/2022

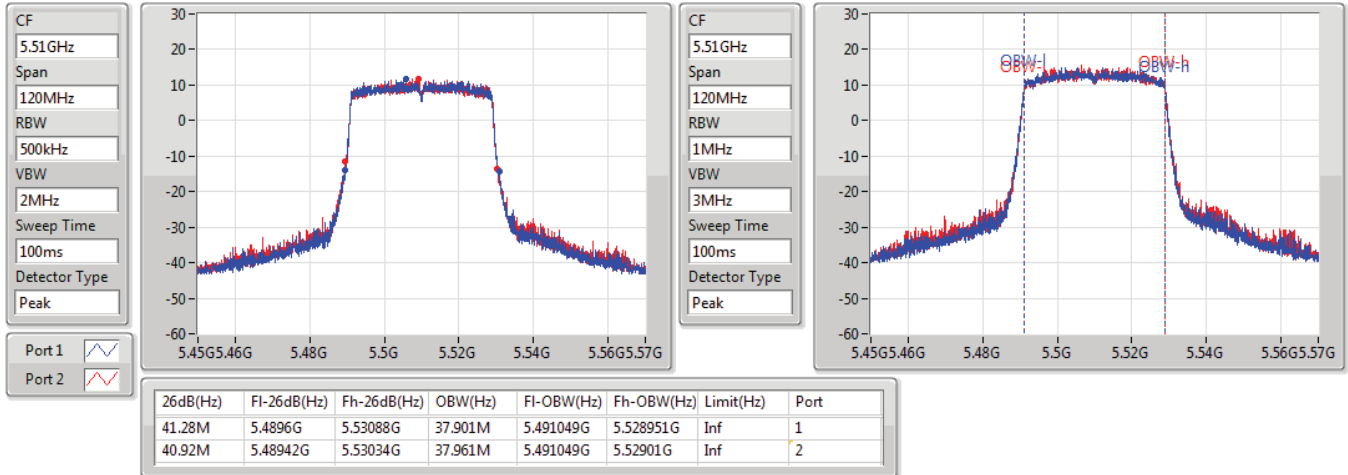


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5510MHz

14/06/2022

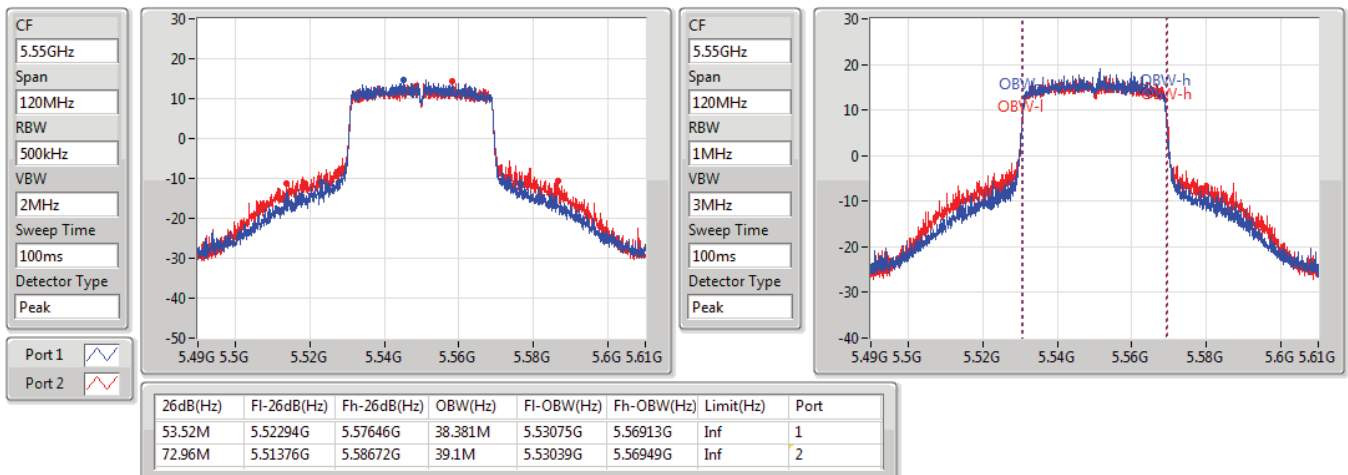


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5550MHz

14/06/2022

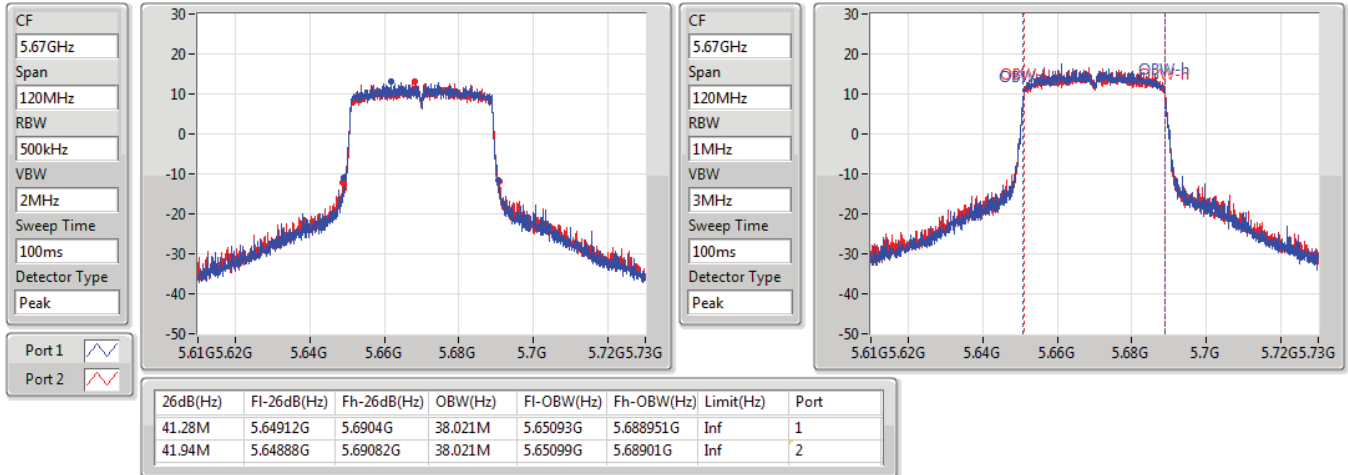


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5670MHz

14/06/2022

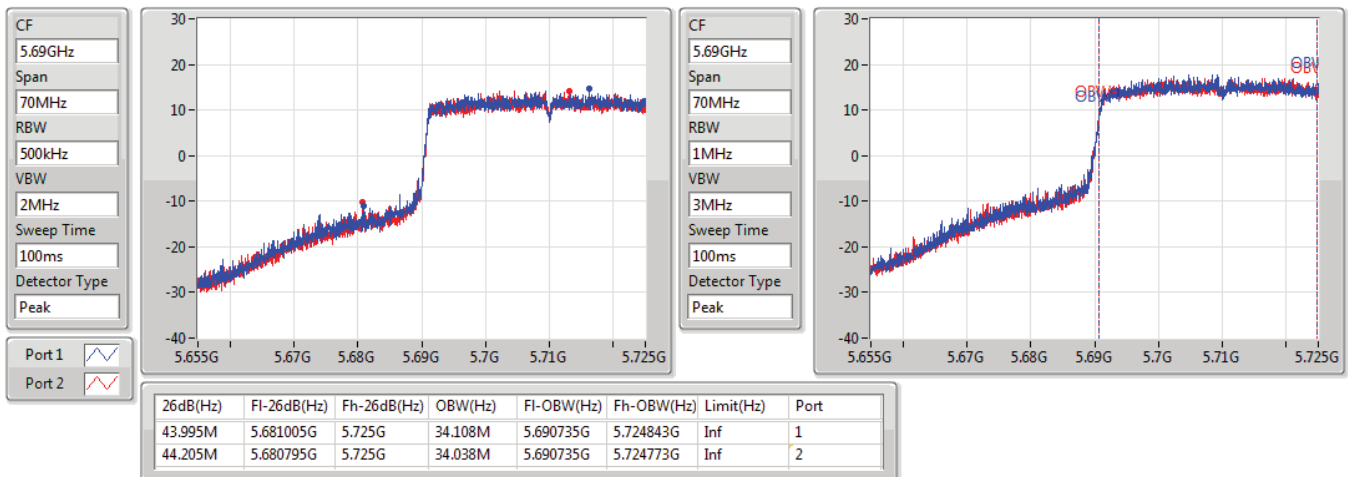


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

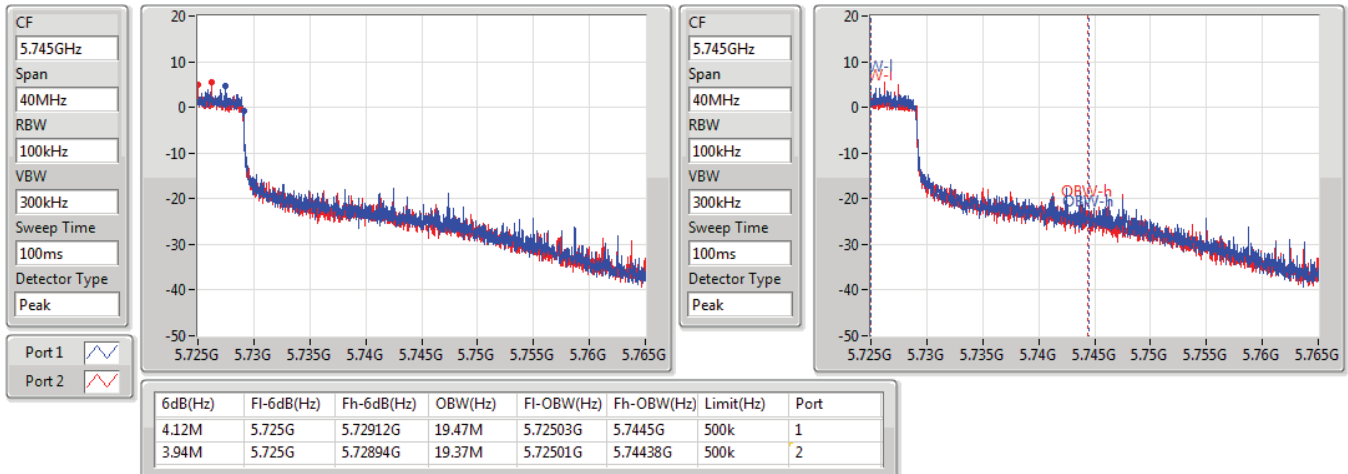
5710MHz Straddle 5.47-5.725GHz

14/06/2022

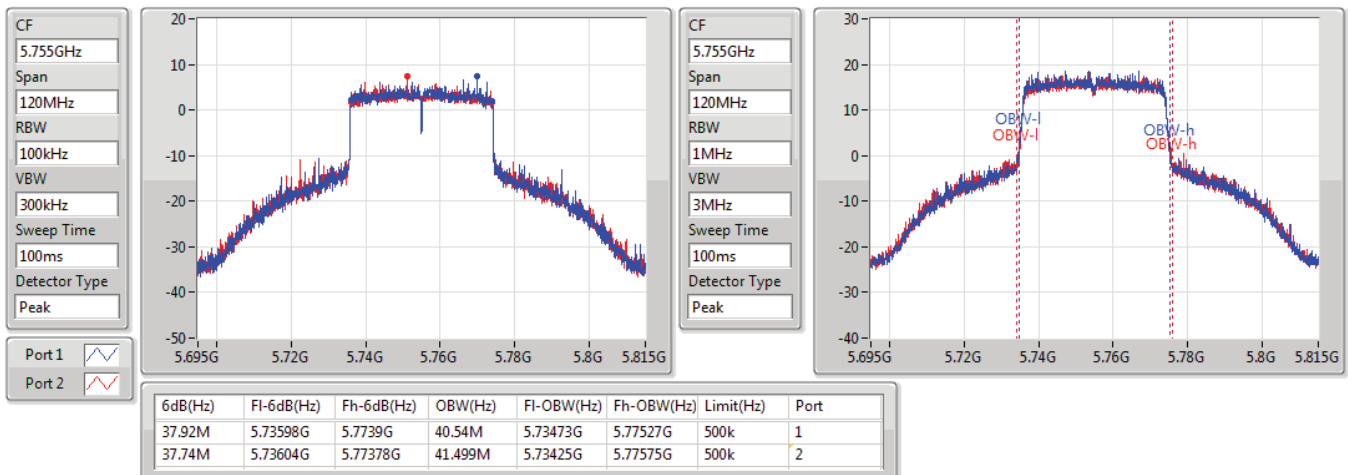


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

14/06/2022

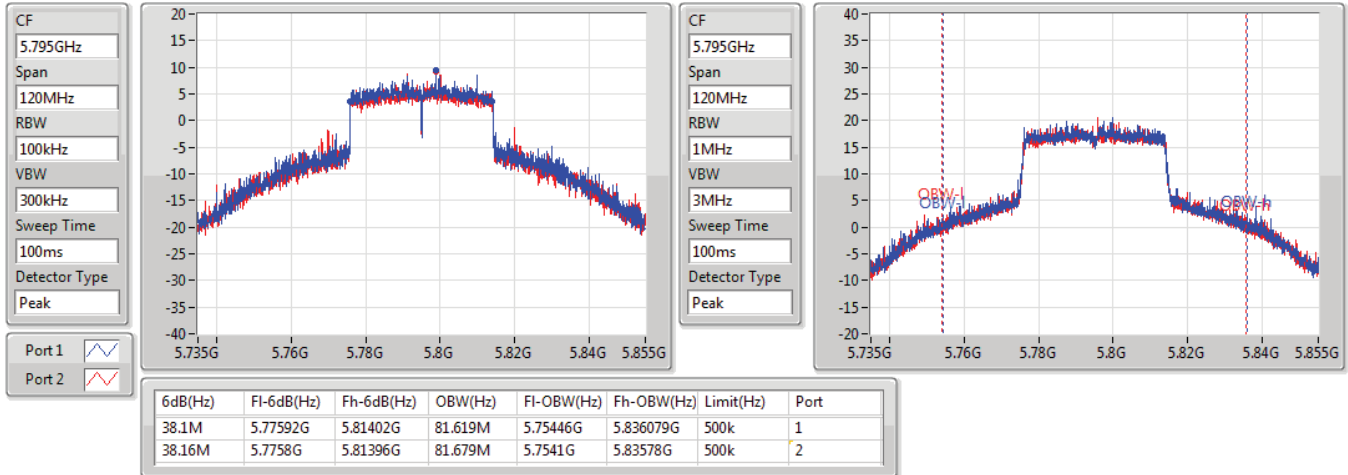

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

14/06/2022

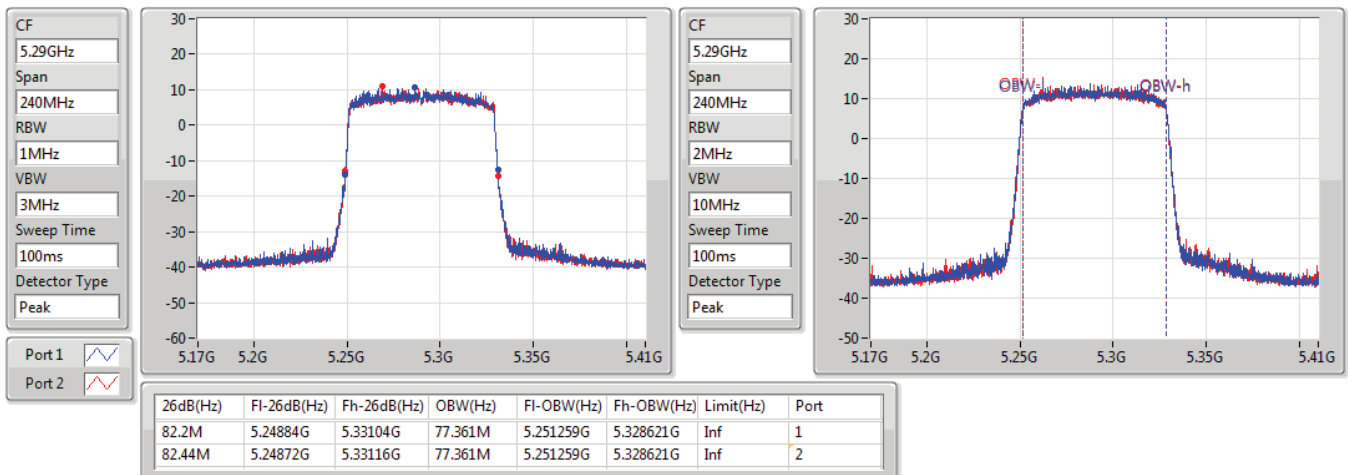


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

14/06/2022


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

14/06/2022

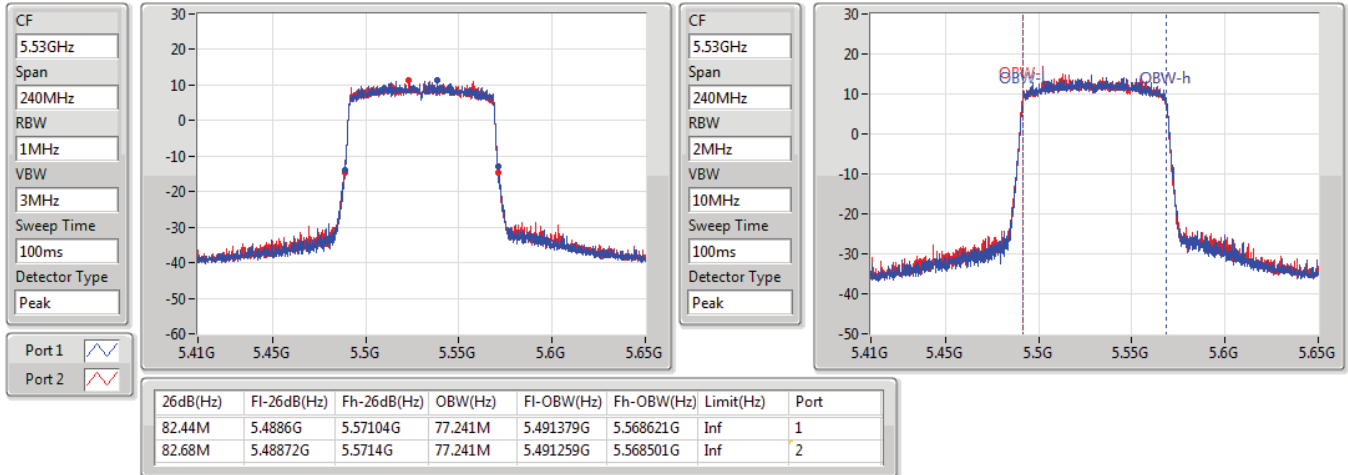


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

14/06/2022

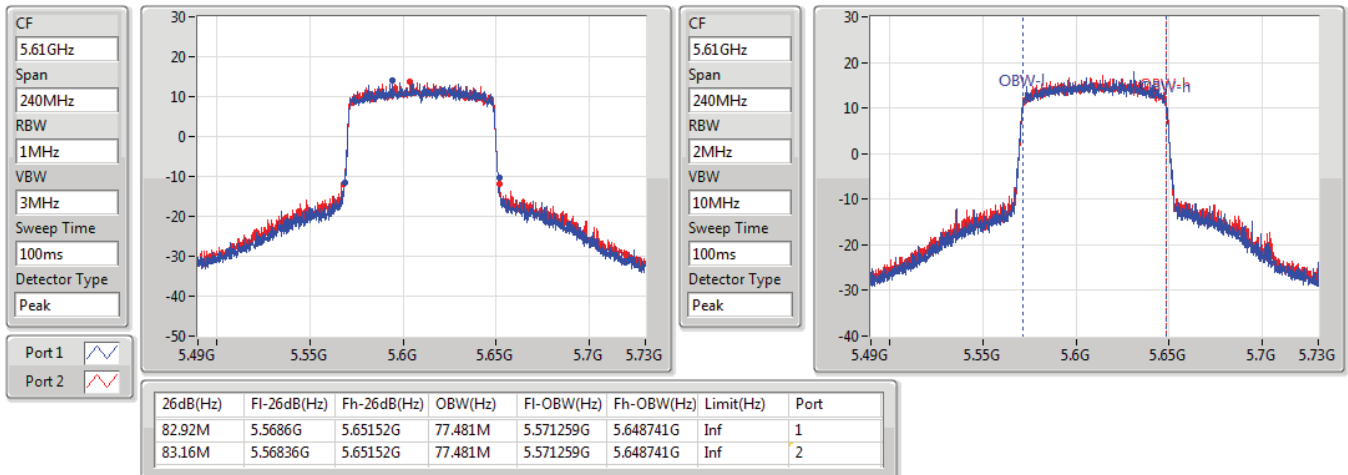


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

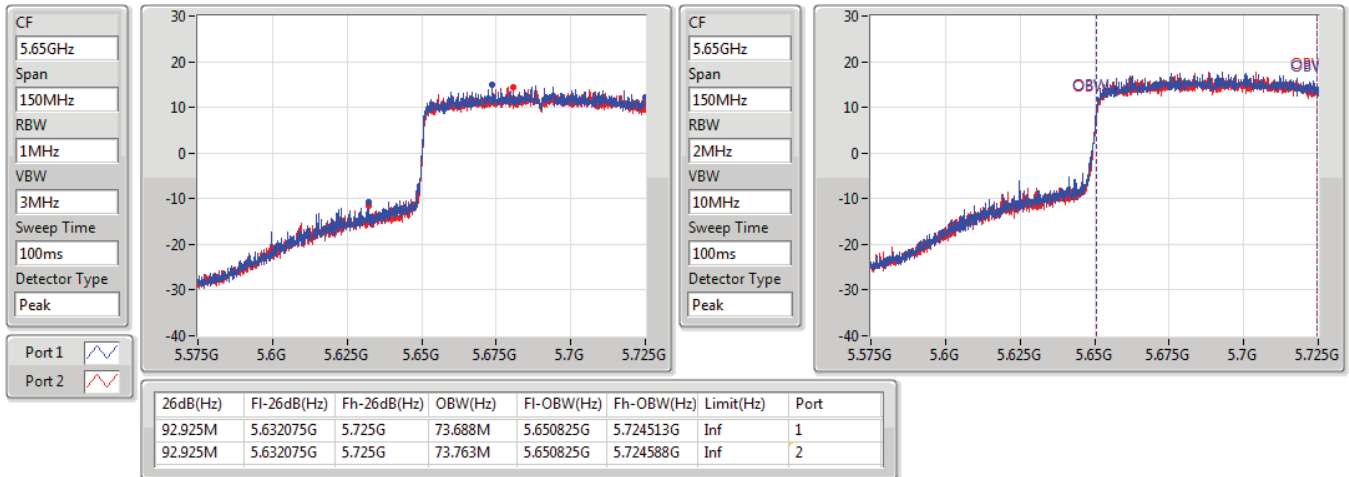
5610MHz

14/06/2022

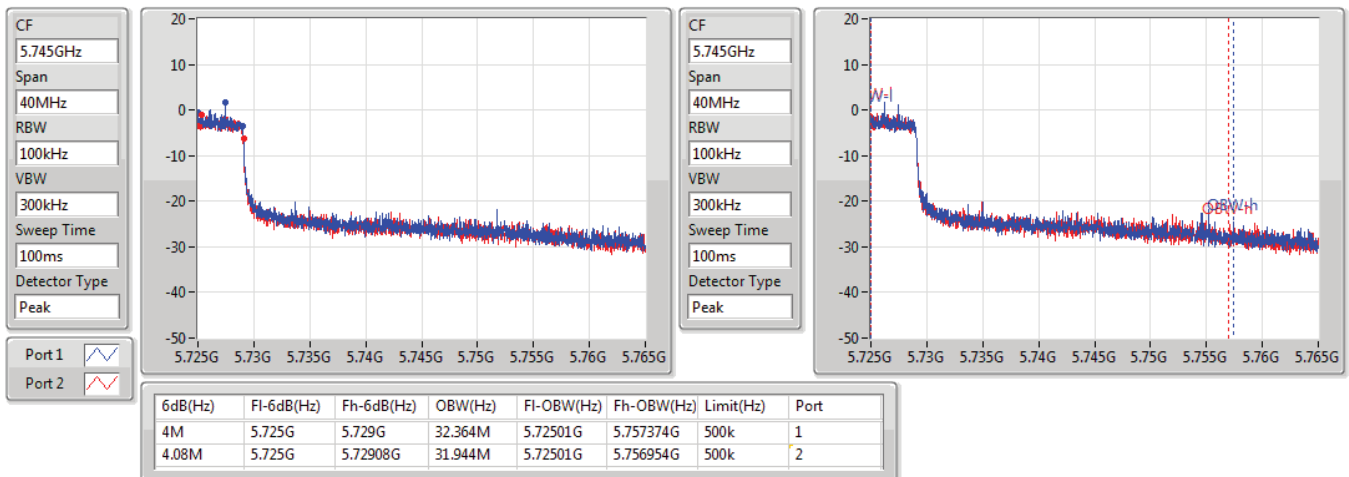


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

14/06/2022


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

14/06/2022

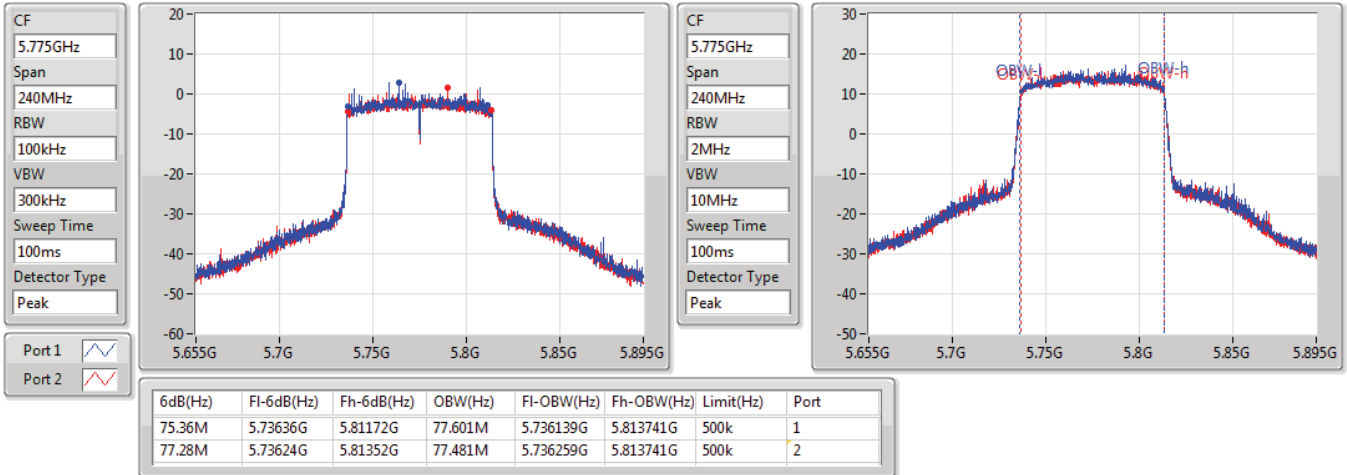


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

14/06/2022



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.76	0.14997	26.76	0.47424
802.11ax HEW20_Nss1,(MCS0)_2TX	21.86	0.15346	26.86	0.48529
802.11ax HEW40_Nss1,(MCS0)_2TX	23.11	0.20464	28.11	0.64714
802.11ax HEW80_Nss1,(MCS0)_2TX	19.22	0.08356	24.22	0.26424
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.81	0.15171	26.81	0.47973
802.11ax HEW20_Nss1,(MCS0)_2TX	22.36	0.17219	27.36	0.54450
802.11ax HEW40_Nss1,(MCS0)_2TX	23.74	0.23659	28.74	0.74817
802.11ax HEW80_Nss1,(MCS0)_2TX	23.44	0.22080	28.44	0.69823
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	26.39	0.43551	31.79	1.51008
802.11ax HEW20_Nss1,(MCS0)_2TX	26.41	0.43752	31.81	1.51705
802.11ax HEW40_Nss1,(MCS0)_2TX	26.25	0.42170	31.65	1.46218
802.11ax HEW80_Nss1,(MCS0)_2TX	21.74	0.14928	27.14	0.51761



Average Power_Non-Beamforming

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	18.89	18.61	21.76	23.98	26.76	30.00
5300MHz	Pass	5.00	18.60	18.26	21.44	23.98	26.44	30.00
5320MHz	Pass	5.00	18.63	18.50	21.58	23.98	26.58	30.00
5500MHz	Pass	5.00	18.76	18.53	21.66	23.98	26.66	30.00
5580MHz	Pass	5.00	18.94	18.65	21.81	23.98	26.81	30.00
5700MHz	Pass	5.00	18.14	18.27	21.22	23.98	26.22	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	17.60	17.34	20.48	23.12	25.48	29.12
5720MHz Straddle 5.725-5.85GHz	Pass	5.40	11.18	10.80	14.00	30.00	19.40	36.00
5745MHz	Pass	5.40	23.05	22.60	25.84	30.00	31.24	36.00
5785MHz	Pass	5.40	23.40	22.64	26.05	30.00	31.45	36.00
5825MHz	Pass	5.40	23.44	23.32	26.39	30.00	31.79	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.00	18.98	18.71	21.86	23.98	26.86	30.00
5300MHz	Pass	5.00	18.65	18.41	21.54	23.98	26.54	30.00
5320MHz	Pass	5.00	18.73	18.60	21.68	23.98	26.68	30.00
5500MHz	Pass	5.00	19.36	18.95	22.17	23.98	27.17	30.00
5580MHz	Pass	5.00	19.44	19.26	22.36	23.98	27.36	30.00
5700MHz	Pass	5.00	18.88	18.66	21.78	23.98	26.78	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.00	18.10	17.71	20.92	23.98	25.92	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.40	12.47	12.33	15.41	30.00	20.81	36.00
5745MHz	Pass	5.40	22.69	22.28	25.50	30.00	30.90	36.00
5785MHz	Pass	5.40	23.34	22.64	26.01	30.00	31.41	36.00
5825MHz	Pass	5.40	23.46	23.34	26.41	30.00	31.81	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.00	20.22	19.98	23.11	23.98	28.11	30.00
5310MHz	Pass	5.00	18.05	17.76	20.92	23.98	25.92	30.00
5510MHz	Pass	5.00	18.10	18.21	21.17	23.98	26.17	30.00
5550MHz	Pass	5.00	20.91	20.54	23.74	23.98	28.74	30.00
5670MHz	Pass	5.00	19.32	19.10	22.22	23.98	27.22	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.00	20.69	20.40	23.56	23.98	28.56	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.40	10.88	10.36	13.64	30.00	19.04	36.00
5755MHz	Pass	5.40	21.56	21.40	24.49	30.00	29.89	36.00
5795MHz	Pass	5.40	23.32	23.16	26.25	30.00	31.65	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.00	16.34	16.08	19.22	23.98	24.22	30.00
5530MHz	Pass	5.00	16.92	17.04	19.99	23.98	24.99	30.00
5610MHz	Pass	5.00	19.44	19.48	22.47	23.98	27.47	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.00	20.62	20.23	23.44	23.98	28.44	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.40	6.63	6.61	9.63	30.00	15.03	36.00
5775MHz	Pass	5.40	18.87	18.59	21.74	30.00	27.14	36.00

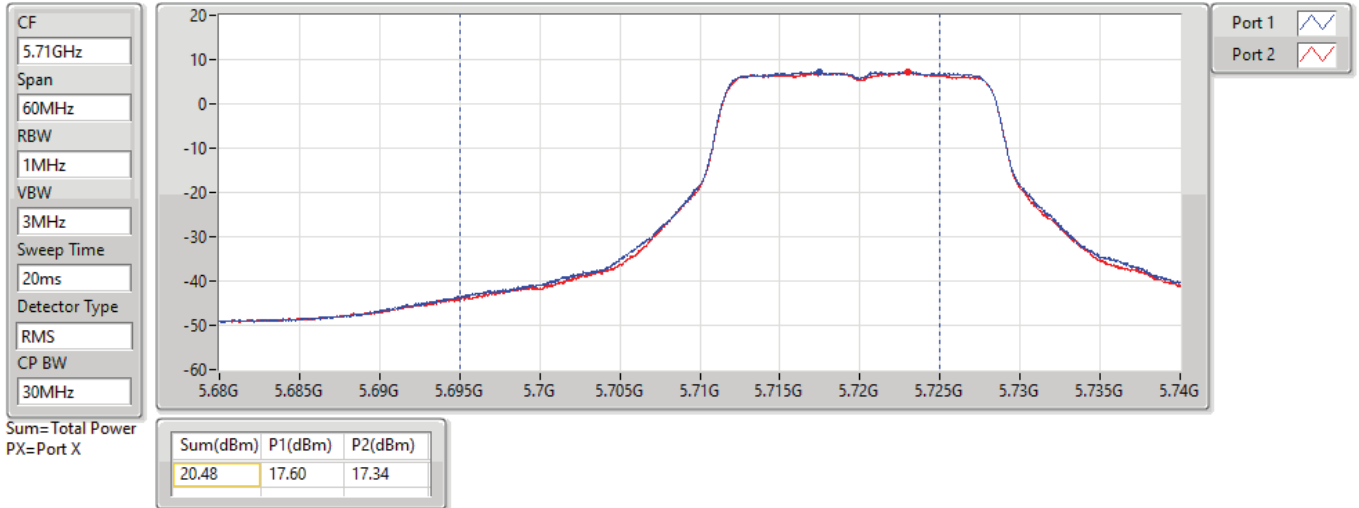
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

17/06/2022

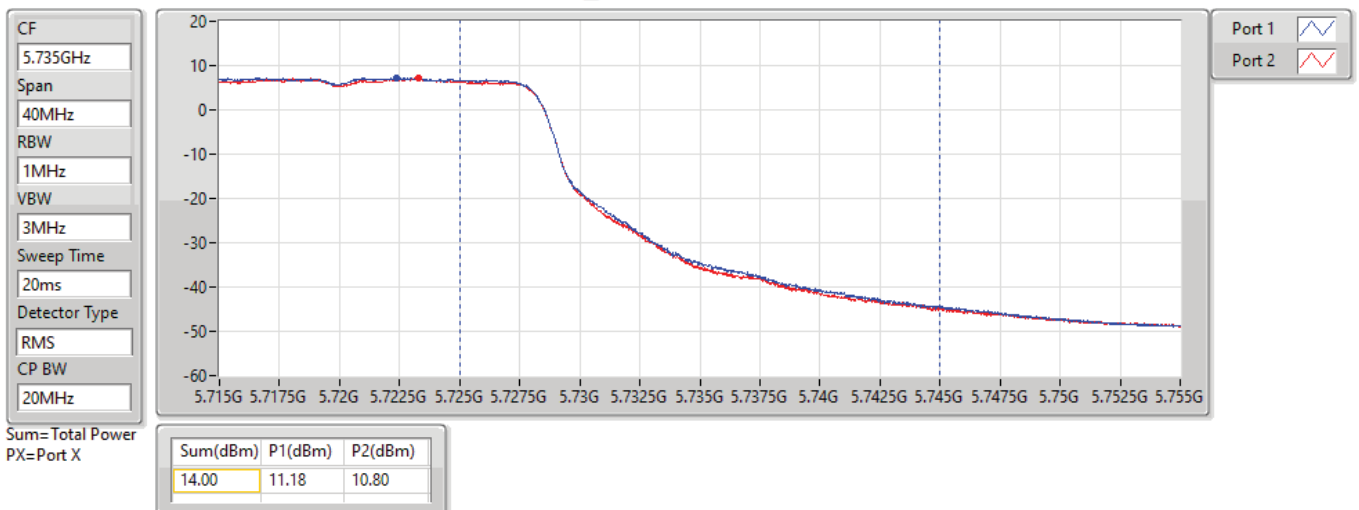


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

17/06/2022



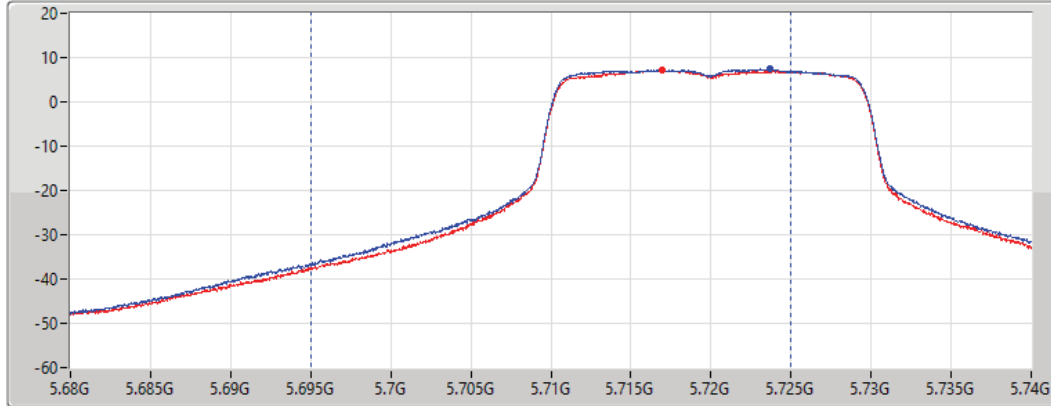
802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

17/06/2022

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



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.92	18.10	17.71

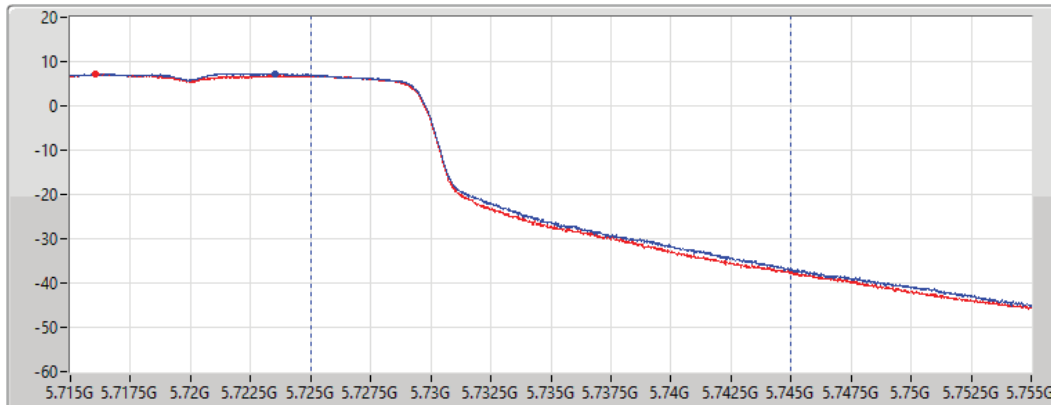
802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

17/06/2022

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



Port 1 
Port 2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.41	12.47	12.33

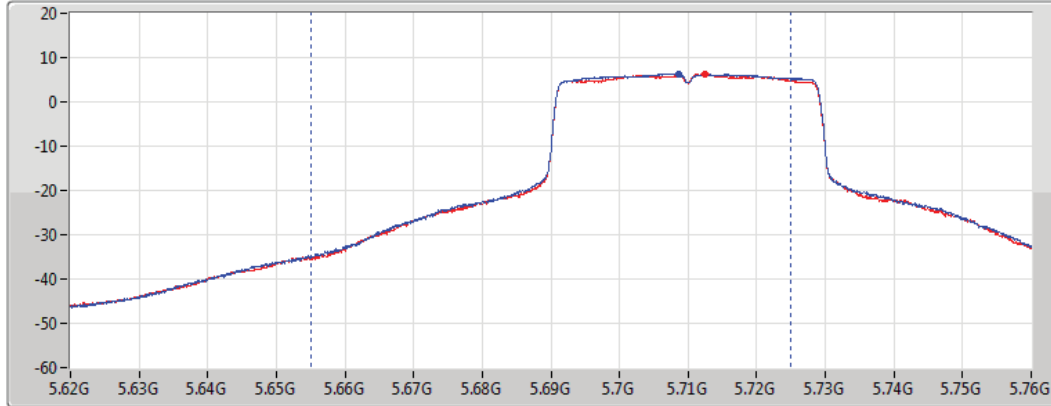
802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

14/06/2022

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



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.56	20.69	20.40

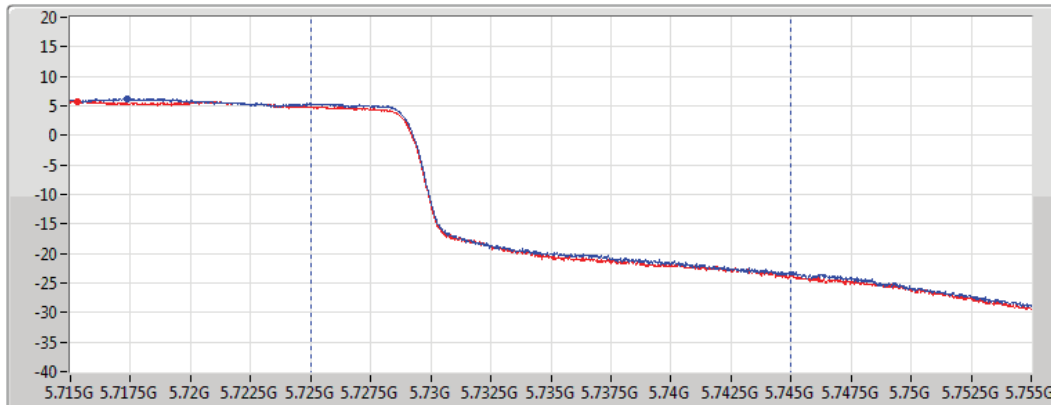
802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

14/06/2022

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



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.64	10.88	10.36

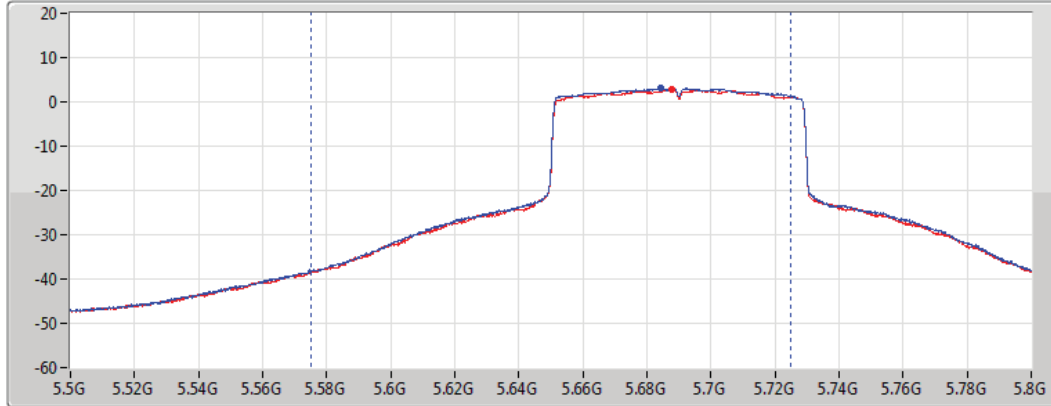
802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

14/06/2022

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



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
23.44	20.62	20.23

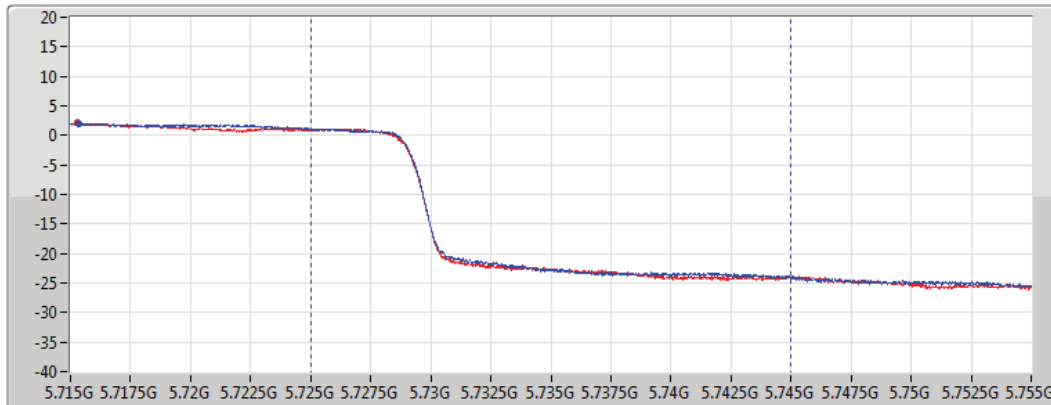
802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

14/06/2022

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



Port1 
Port2 

Sum= Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
9.63	6.63	6.61

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.43	0.13900	29.44	0.87902
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.41	0.13836	29.42	0.87498
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.11	0.08147	27.12	0.51523
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.47	0.14028	29.48	0.88716
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.48	0.14060	29.49	0.88920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.48	0.14060	29.49	0.88920
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.87	0.38637	34.28	2.67917
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.71	0.37239	34.12	2.58226
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.20	0.13183	29.61	0.91411

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.01	18.50	18.34	21.43	21.97	29.44	30.00
5300MHz	Pass	8.01	18.43	18.27	21.36	21.97	29.37	30.00
5320MHz	Pass	8.01	18.02	17.83	20.94	21.97	28.95	30.00
5500MHz	Pass	8.01	18.52	18.11	21.33	21.97	29.34	30.00
5580MHz	Pass	8.01	18.50	18.42	21.47	21.97	29.48	30.00
5700MHz	Pass	8.01	18.34	18.12	21.24	21.97	29.25	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	17.56	17.17	20.38	21.97	28.39	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.41	11.90	11.82	14.87	27.59	23.28	36.00
5745MHz	Pass	8.41	22.15	21.74	24.96	27.59	33.37	36.00
5785MHz	Pass	8.41	22.80	22.10	25.47	27.59	33.88	36.00
5825MHz	Pass	8.41	22.92	22.80	25.87	27.59	34.28	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.01	18.52	18.28	21.41	21.97	29.42	30.00
5310MHz	Pass	8.01	17.93	17.64	20.80	21.97	28.81	30.00
5510MHz	Pass	8.01	17.69	17.68	20.70	21.97	28.71	30.00
5550MHz	Pass	8.01	18.50	18.43	21.48	21.97	29.49	30.00
5670MHz	Pass	8.01	18.48	18.26	21.38	21.97	29.39	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	18.58	18.31	21.46	21.97	29.47	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.41	8.73	8.09	11.43	27.59	19.84	36.00
5755MHz	Pass	8.41	21.02	20.86	23.95	27.59	32.36	36.00
5795MHz	Pass	8.41	22.78	22.62	25.71	27.59	34.12	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.01	16.22	15.98	19.11	21.97	27.12	30.00
5530MHz	Pass	8.01	16.38	16.50	19.45	21.97	27.46	30.00
5610MHz	Pass	8.01	18.50	18.34	21.43	21.97	29.44	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	18.51	18.42	21.48	21.97	29.49	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.41	5.12	4.65	7.90	27.59	16.31	36.00
5775MHz	Pass	8.41	18.33	18.05	21.20	27.59	29.61	36.00

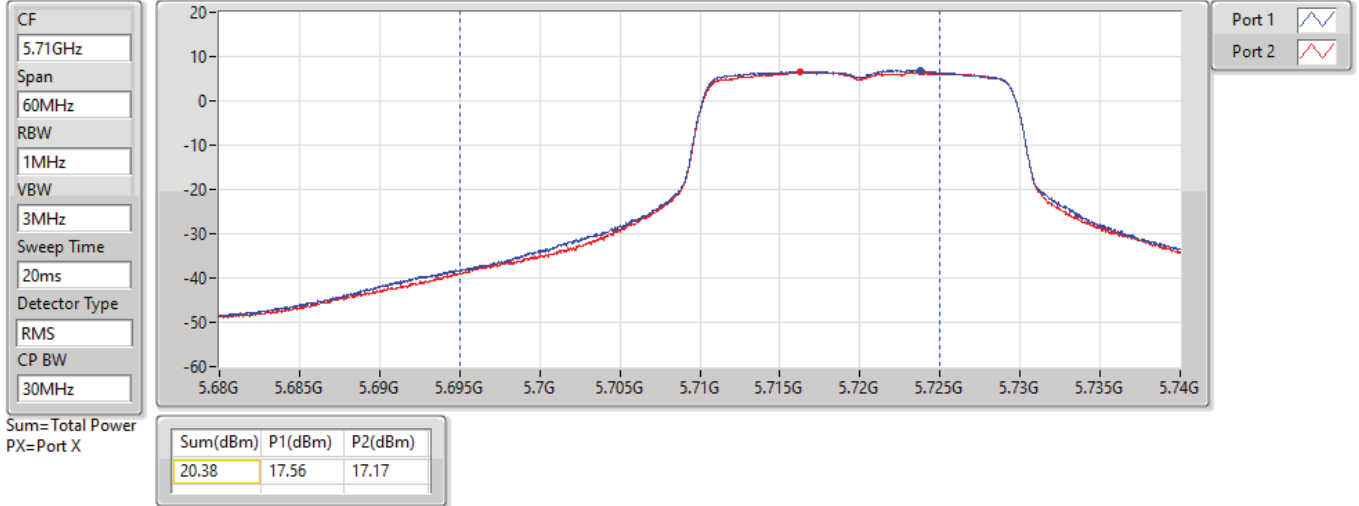
DG = Directional Gain; Port X = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

25/07/2022

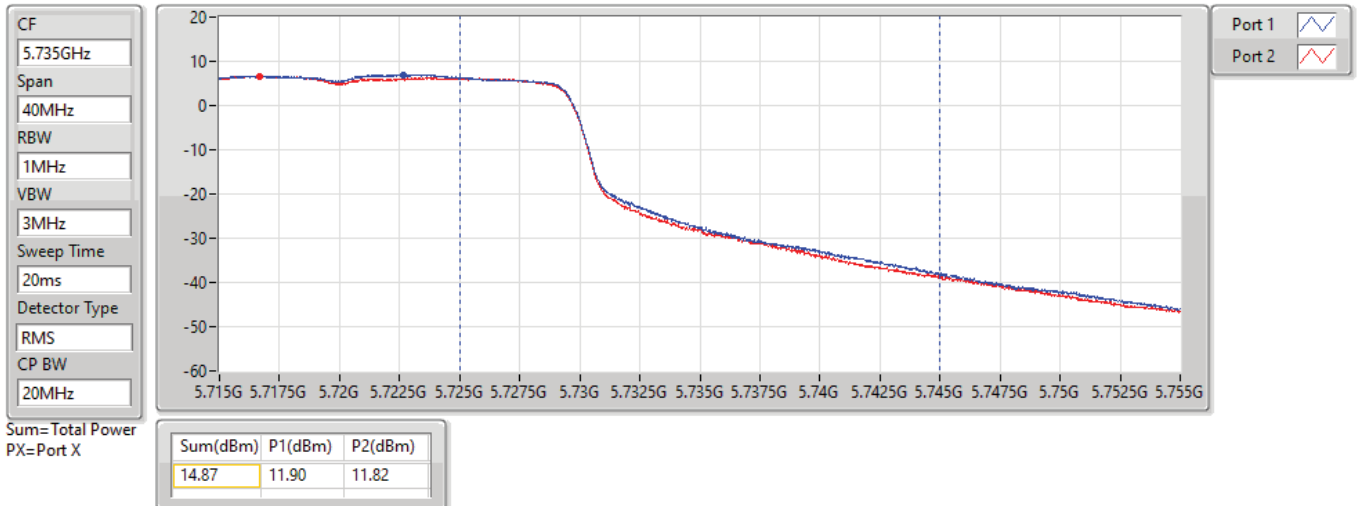


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

25/07/2022

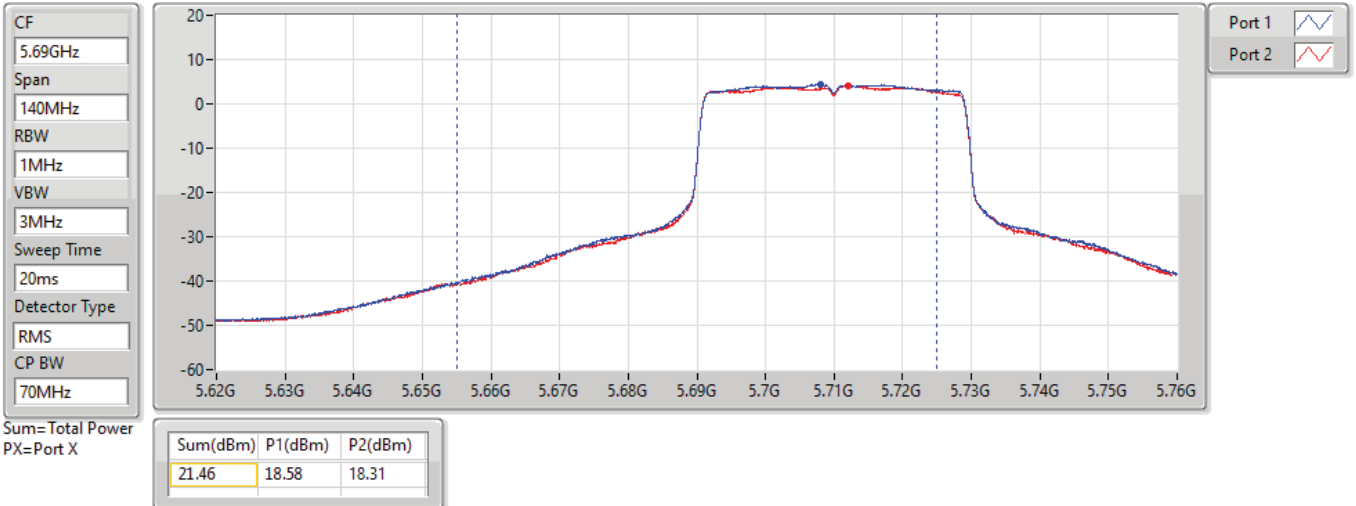


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

20/06/2022

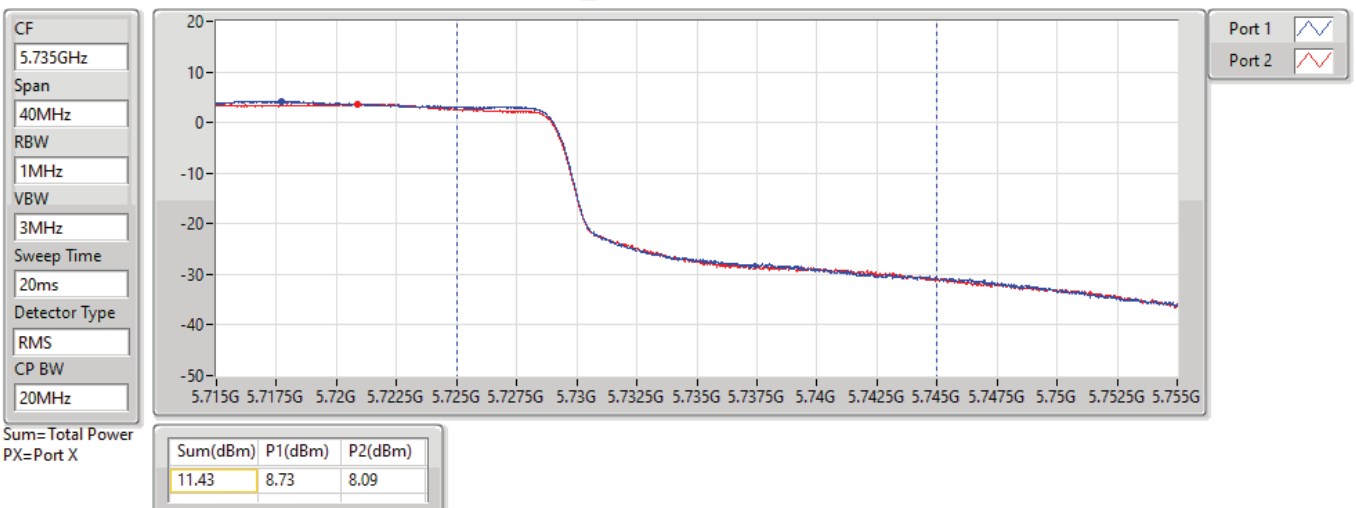


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

20/06/2022

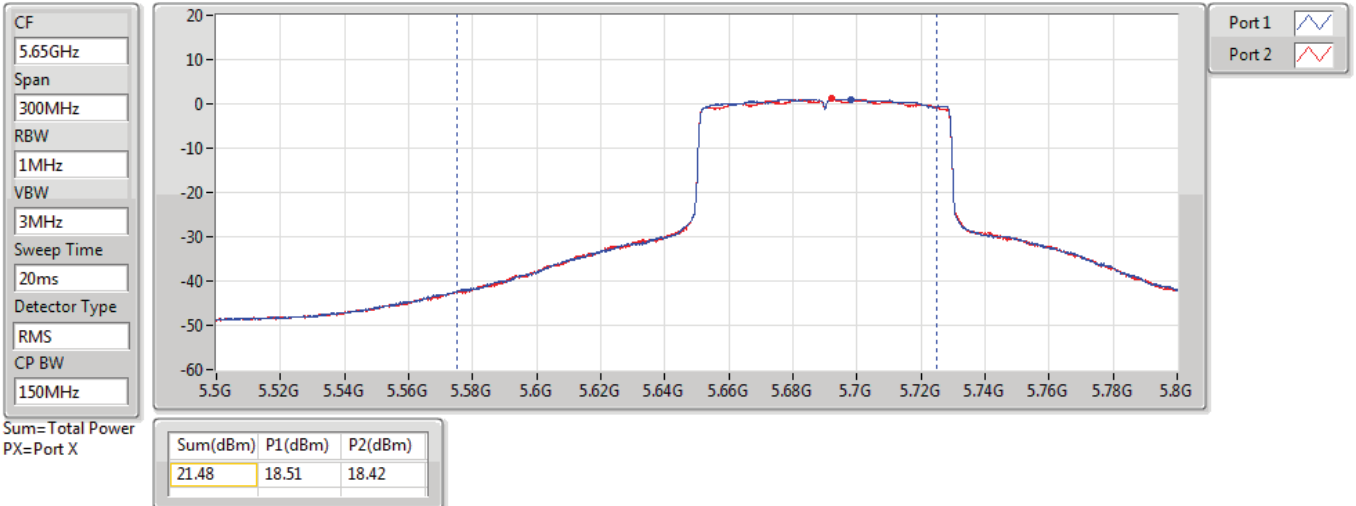


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

25/07/2022

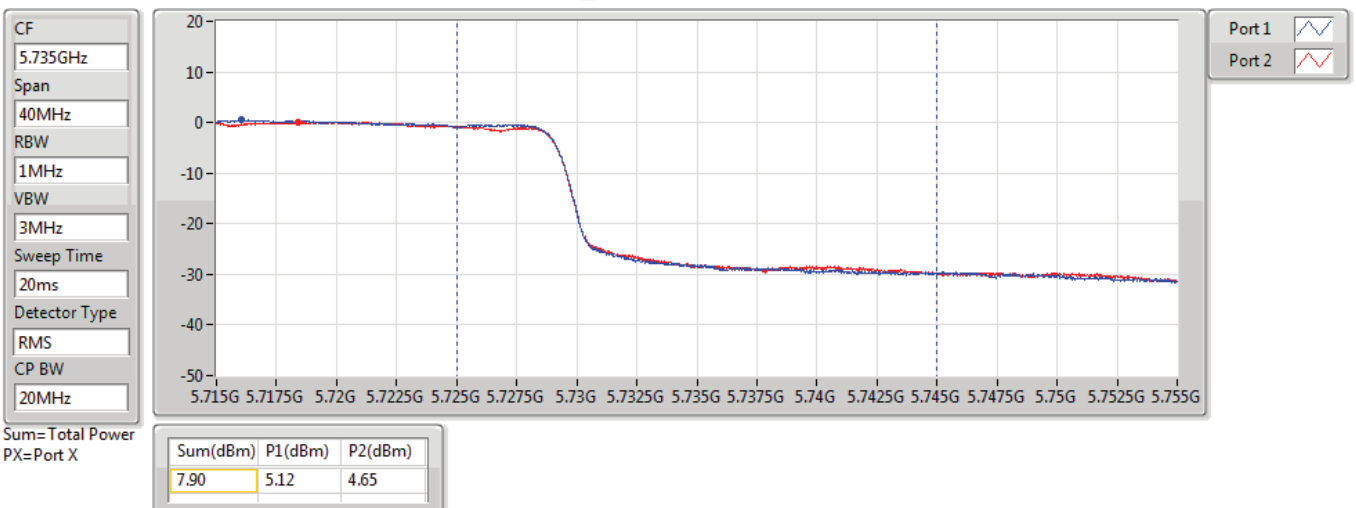


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

25/07/2022





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.97	16.98
802.11ax HEW20_Nss1,(MCS0)_2TX	8.57	16.58
802.11ax HEW40_Nss1,(MCS0)_2TX	7.45	15.46
802.11ax HEW80_Nss1,(MCS0)_2TX	0.54	8.55
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.86	16.87
802.11ax HEW20_Nss1,(MCS0)_2TX	8.83	16.84
802.11ax HEW40_Nss1,(MCS0)_2TX	7.86	15.87
802.11ax HEW80_Nss1,(MCS0)_2TX	4.27	12.28
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.28	20.69
802.11ax HEW20_Nss1,(MCS0)_2TX	11.63	20.04
802.11ax HEW40_Nss1,(MCS0)_2TX	8.49	16.90
802.11ax HEW80_Nss1,(MCS0)_2TX	1.43	9.84

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.01	6.12	5.90	8.97	8.99	16.98	17.00
5300MHz	Pass	8.01	5.95	5.64	8.76	8.99	16.77	17.00
5320MHz	Pass	8.01	6.12	5.89	8.93	8.99	16.94	17.00
5500MHz	Pass	8.01	5.79	5.73	8.63	8.99	16.64	17.00
5580MHz	Pass	8.01	6.04	5.86	8.86	8.99	16.87	17.00
5700MHz	Pass	8.01	5.19	5.63	8.37	8.99	16.38	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	5.74	5.56	8.57	8.99	16.58	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.41	3.91	3.24	6.60	27.59	15.01	36.00
5745MHz	Pass	8.41	8.97	8.51	11.68	27.59	20.09	36.00
5785MHz	Pass	8.41	9.25	8.57	11.90	27.59	20.31	36.00
5825MHz	Pass	8.41	9.44	9.26	12.28	27.59	20.69	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.01	5.72	5.49	8.57	8.99	16.58	17.00
5300MHz	Pass	8.01	5.53	5.46	8.48	8.99	16.49	17.00
5320MHz	Pass	8.01	5.50	5.48	8.42	8.99	16.43	17.00
5500MHz	Pass	8.01	5.84	5.66	8.61	8.99	16.62	17.00
5580MHz	Pass	8.01	6.05	5.96	8.83	8.99	16.84	17.00
5700MHz	Pass	8.01	6.10	5.92	8.81	8.99	16.82	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.01	5.96	5.59	8.63	8.99	16.64	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.41	3.93	3.56	6.76	27.59	15.17	36.00
5745MHz	Pass	8.41	8.16	7.79	10.86	27.59	19.27	36.00
5785MHz	Pass	8.41	8.53	8.05	11.23	27.59	19.64	36.00
5825MHz	Pass	8.41	8.72	8.72	11.63	27.59	20.04	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.01	4.60	4.51	7.45	8.99	15.46	17.00
5310MHz	Pass	8.01	2.44	2.14	5.30	8.99	13.31	17.00
5510MHz	Pass	8.01	2.28	2.55	5.30	8.99	13.31	17.00
5550MHz	Pass	8.01	4.96	4.83	7.86	8.99	15.87	17.00
5670MHz	Pass	8.01	3.76	3.54	6.45	8.99	14.46	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.01	4.94	4.73	7.68	8.99	15.69	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.41	2.32	1.75	4.98	27.59	13.39	36.00
5755MHz	Pass	8.41	4.25	4.13	6.99	27.59	15.40	36.00
5795MHz	Pass	8.41	5.74	5.47	8.49	27.59	16.90	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.01	-2.32	-2.55	0.54	8.99	8.55	17.00
5530MHz	Pass	8.01	-1.68	-1.46	1.33	8.99	9.34	17.00
5610MHz	Pass	8.01	0.82	1.04	3.82	8.99	11.83	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.01	1.54	1.30	4.27	8.99	12.28	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.41	-1.82	-1.86	1.08	27.59	9.49	36.00
5775MHz	Pass	8.41	-1.30	-1.46	1.43	27.59	9.84	36.00

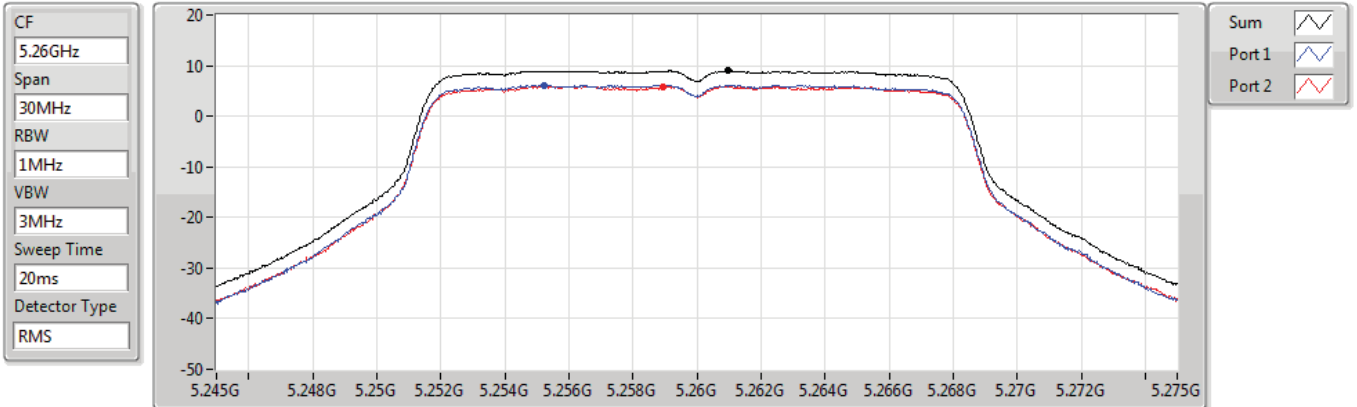
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

25/07/2022



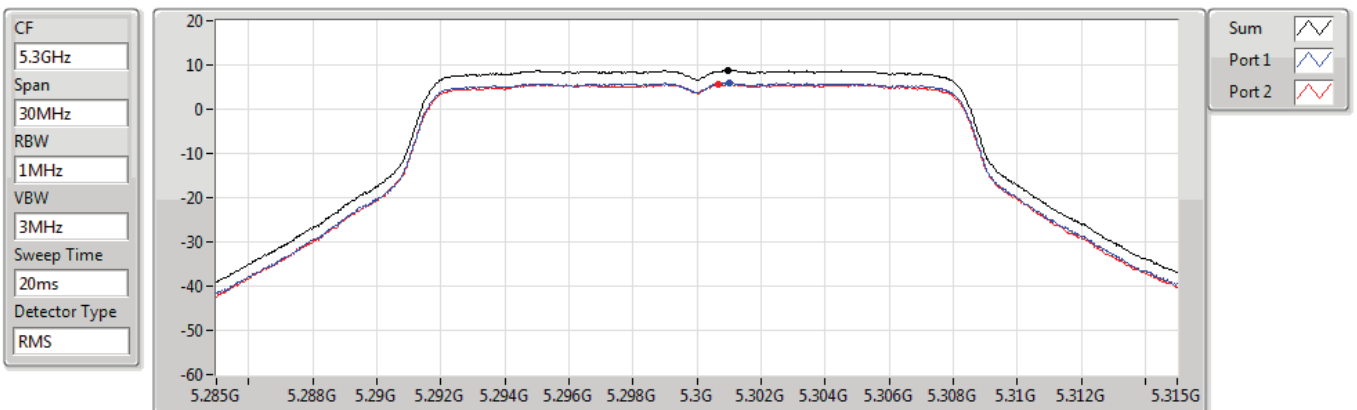
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	6.12	5.90

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

25/07/2022



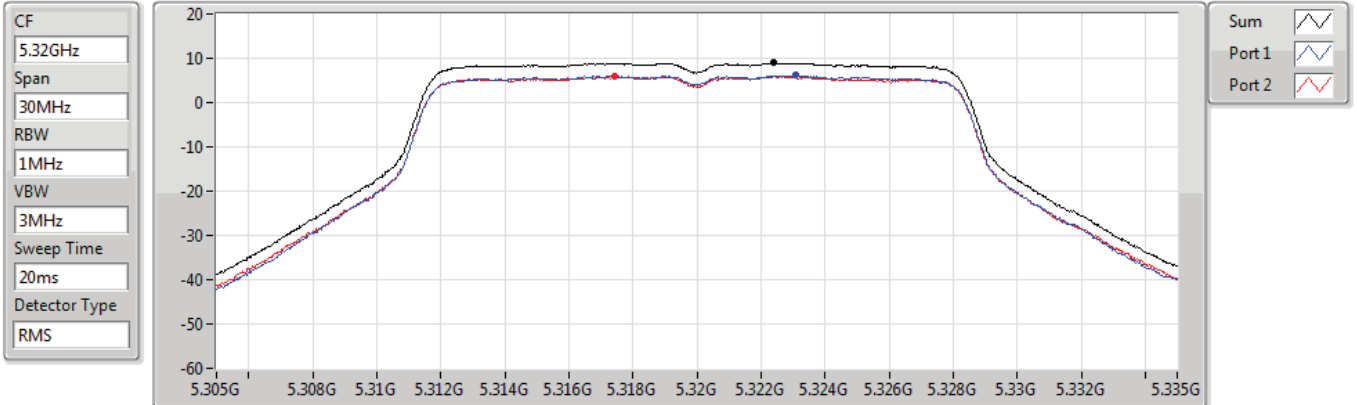
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.76	8.76	5.95	5.64

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

25/07/2022



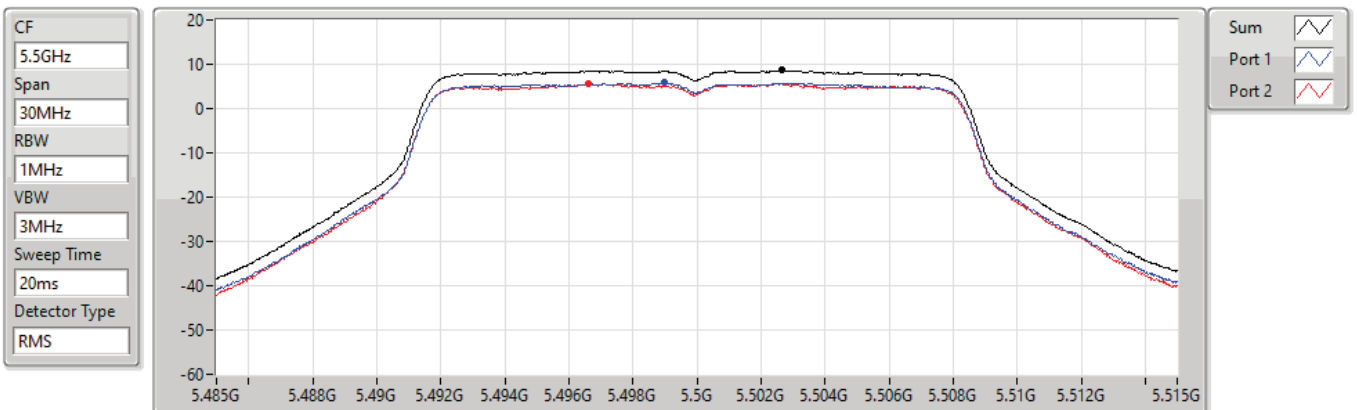
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	6.12	5.89

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

17/06/2022



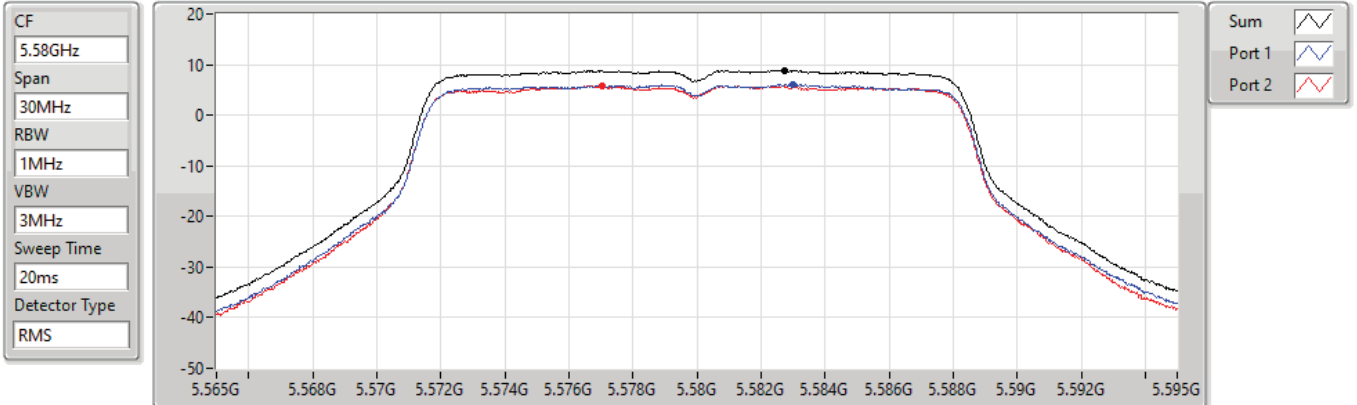
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.63	8.63	5.79	5.73

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

17/06/2022

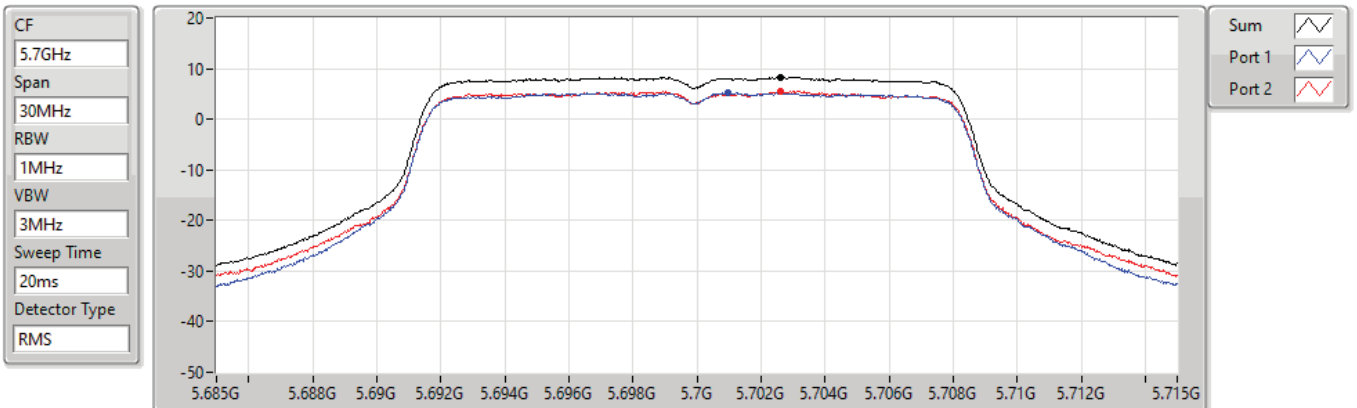


802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

09/06/2022

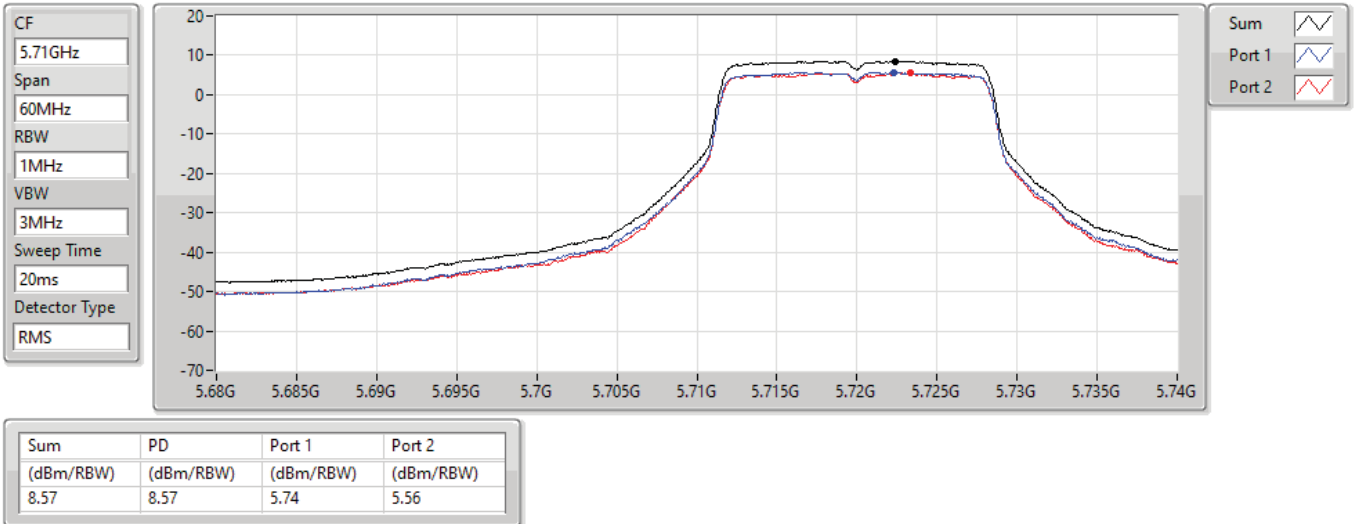


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

17/06/2022

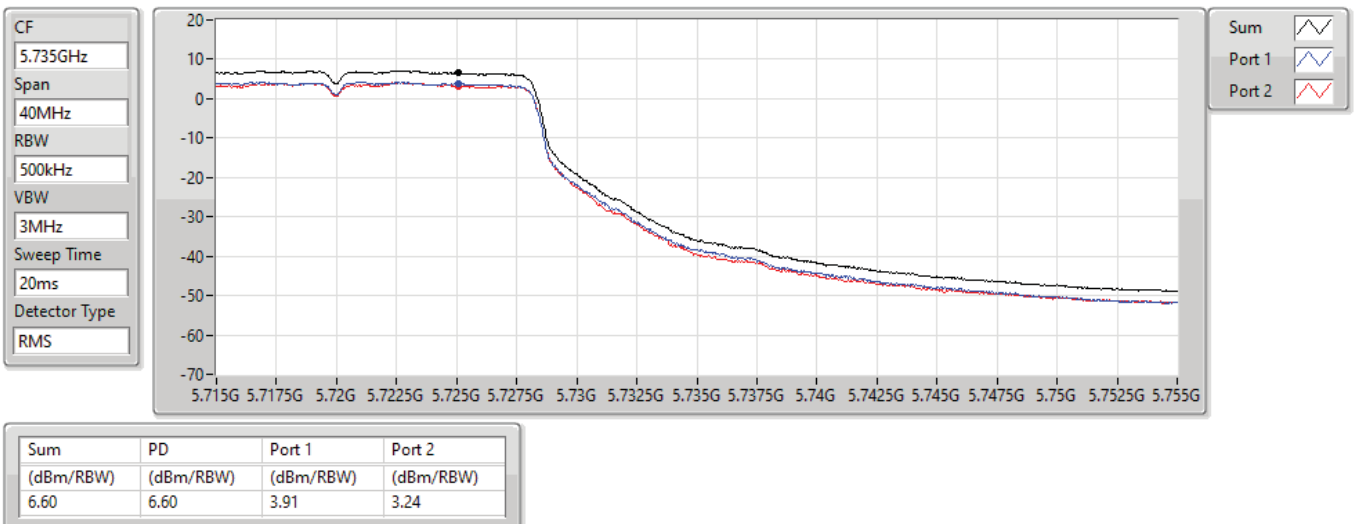


802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

17/06/2022

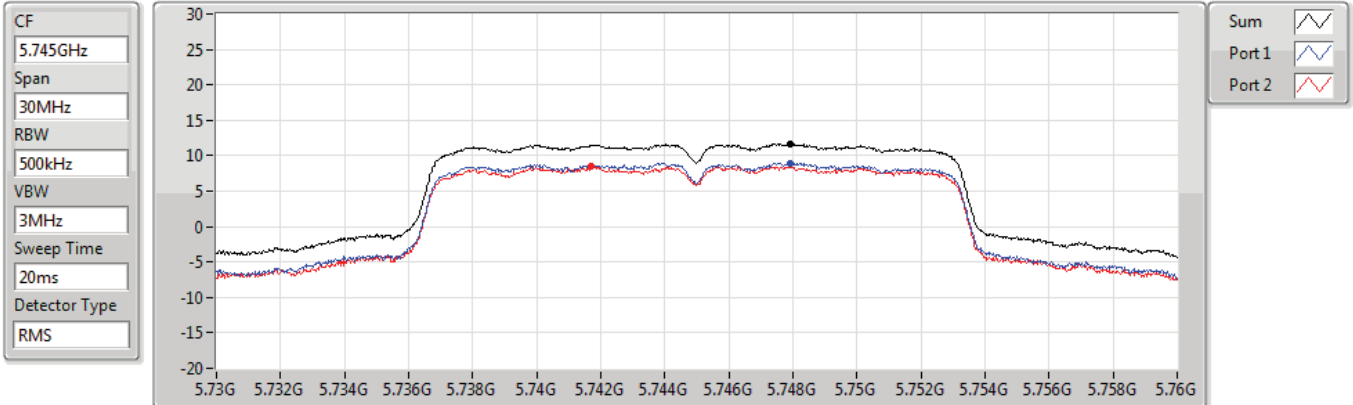


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

14/06/2022

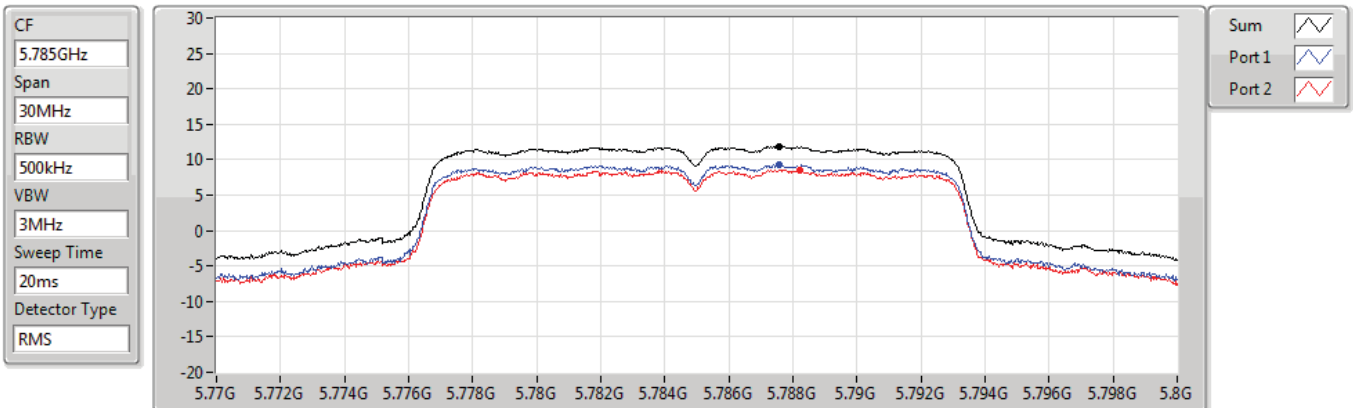


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

14/06/2022

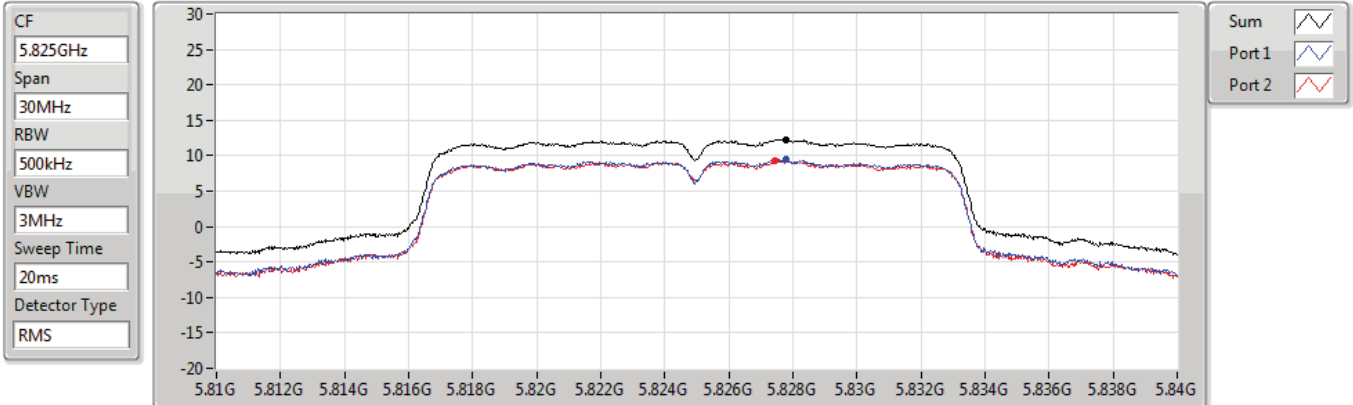


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

14/06/2022

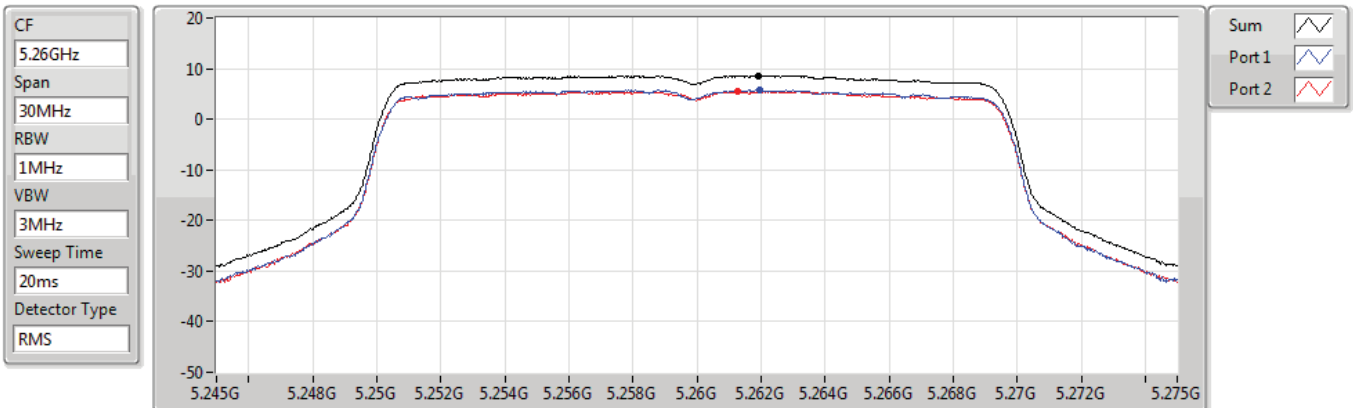


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

25/07/2022

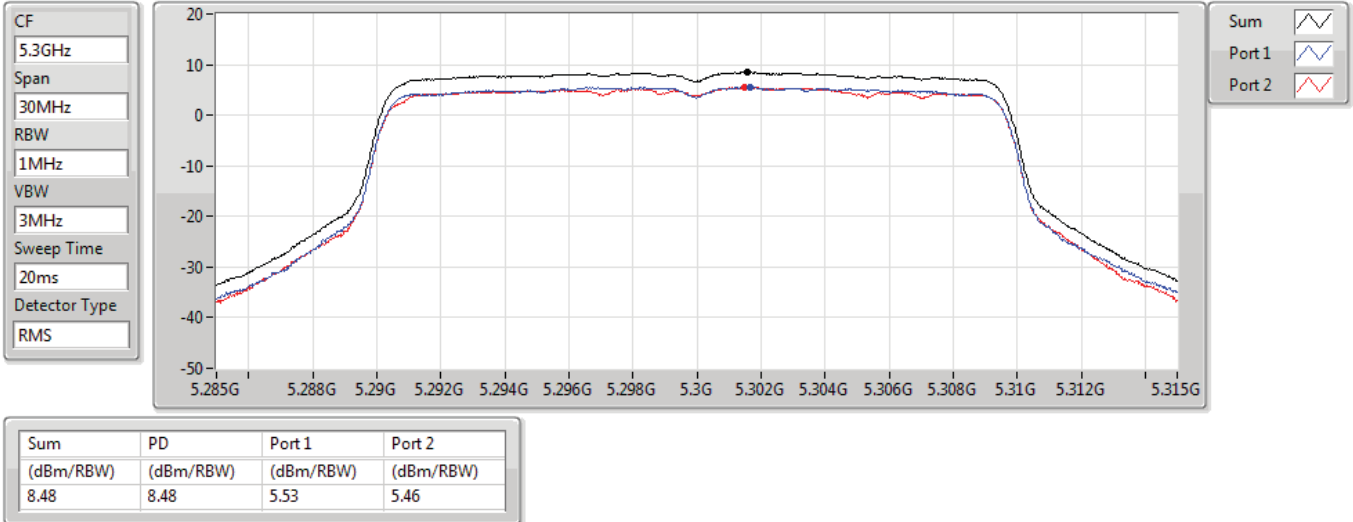


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

25/07/2022

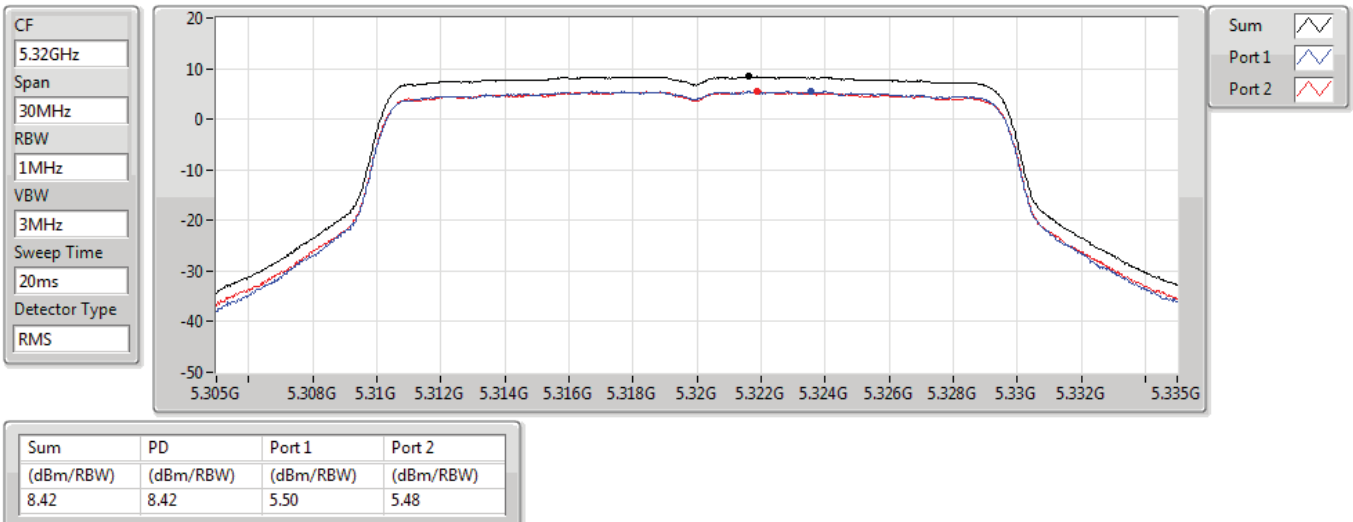


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

25/07/2022

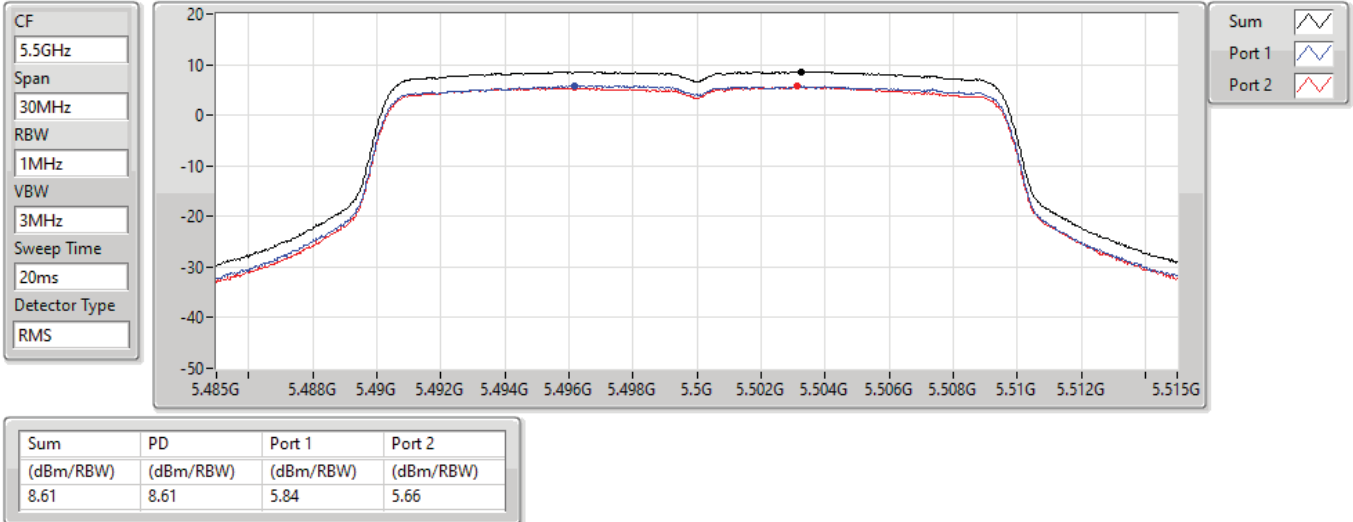


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

17/06/2022

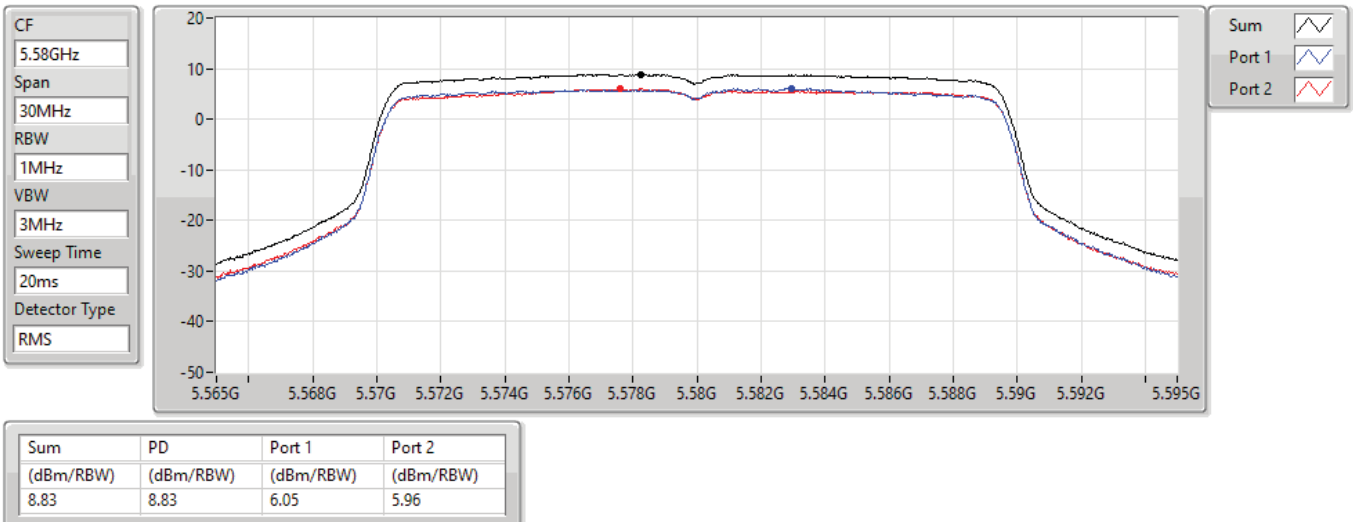


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

17/06/2022

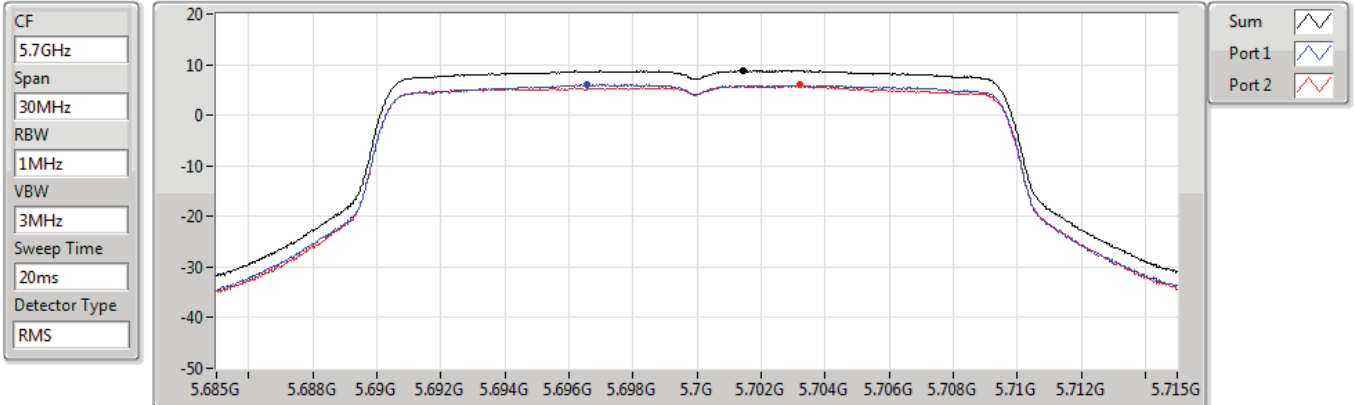


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

14/06/2022

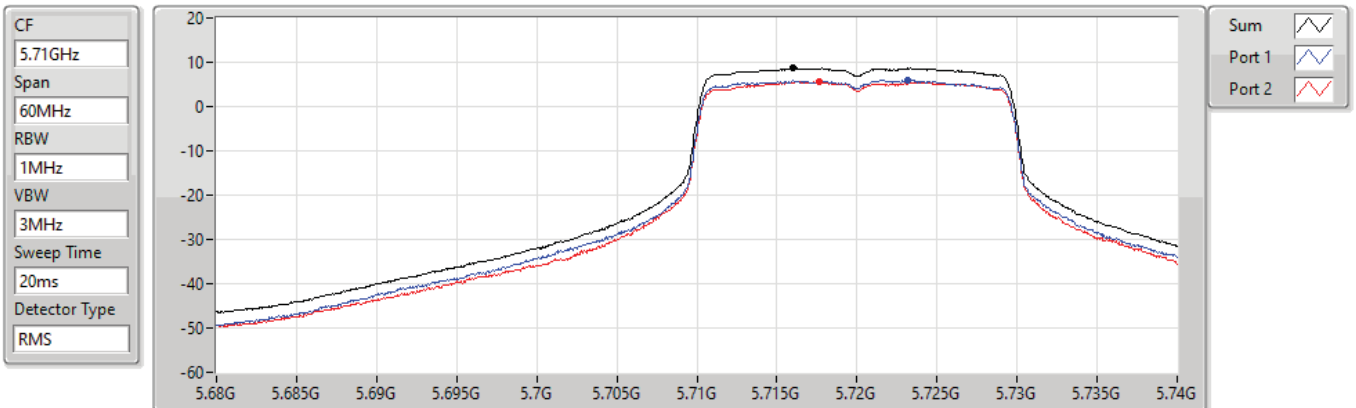


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

17/06/2022

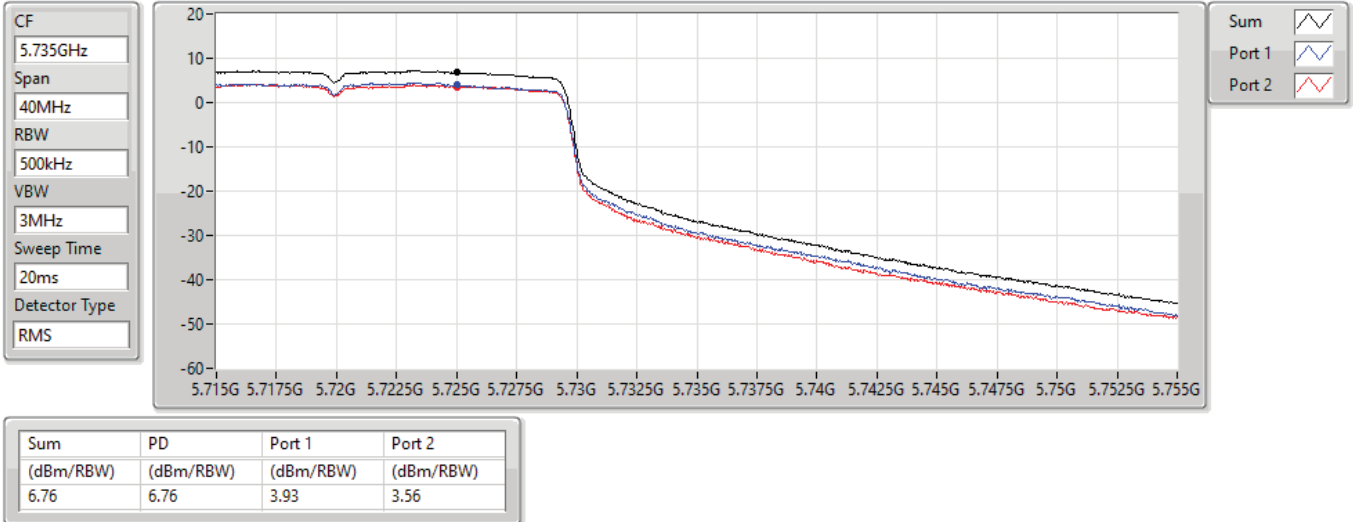


802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

17/06/2022

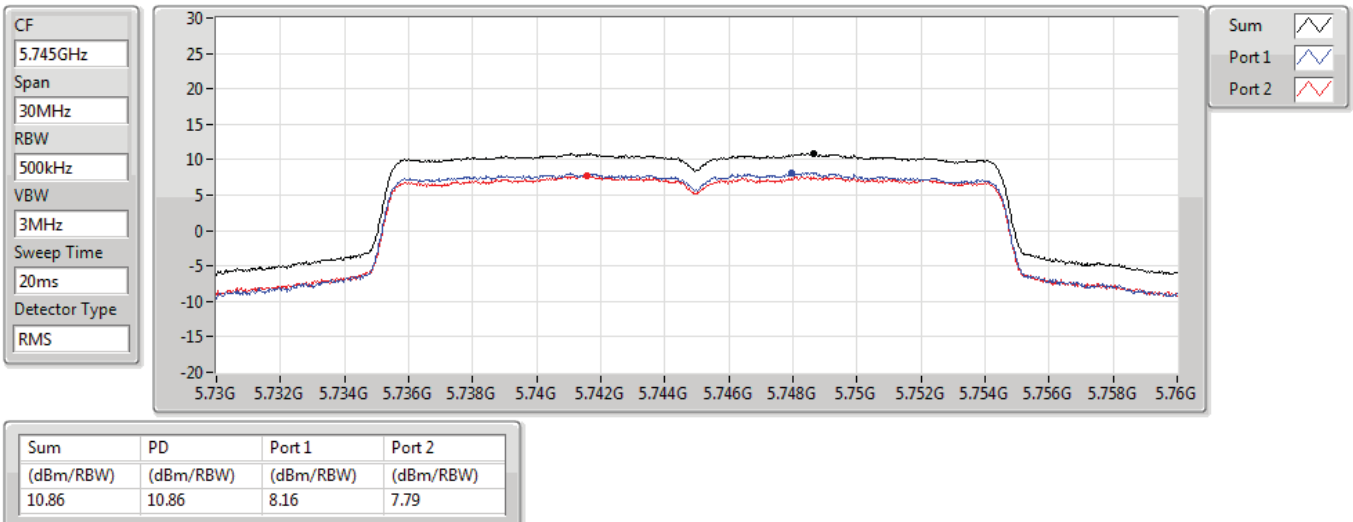


802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz

PSD

14/06/2022

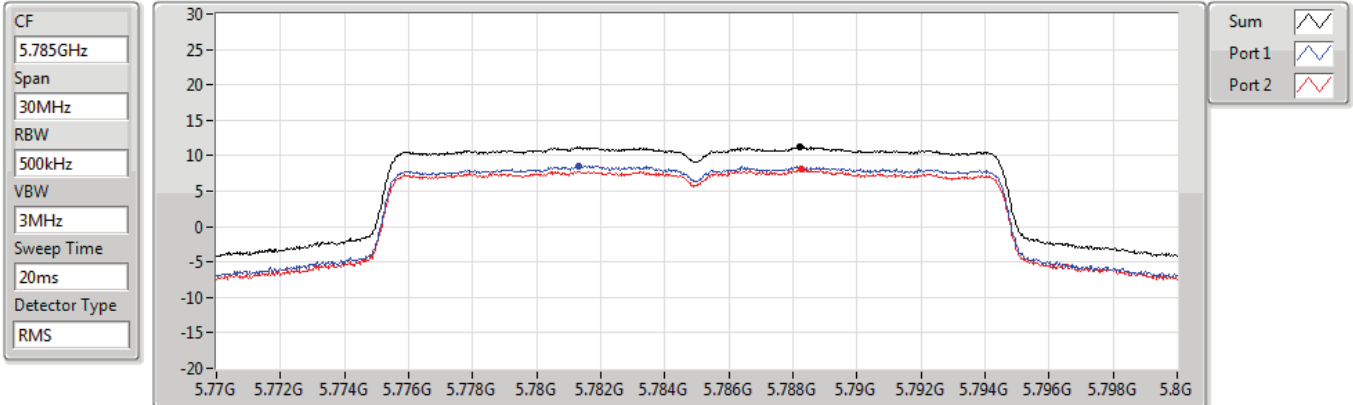


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

14/06/2022

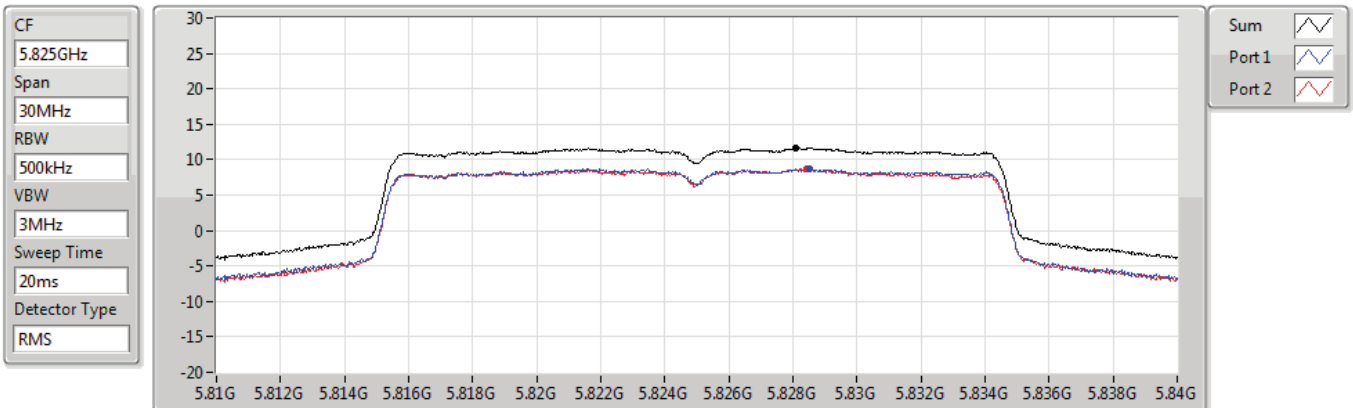


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

14/06/2022

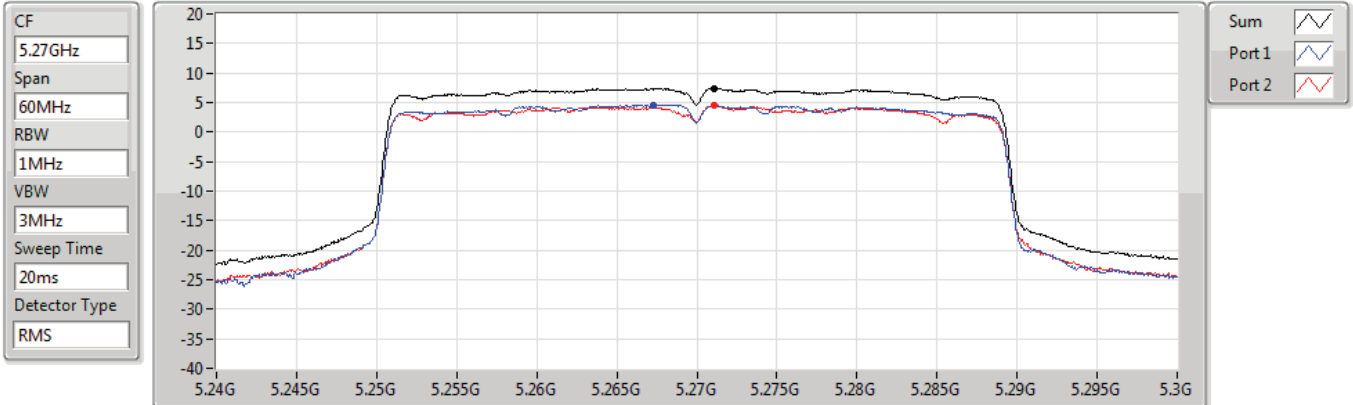


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

14/06/2022

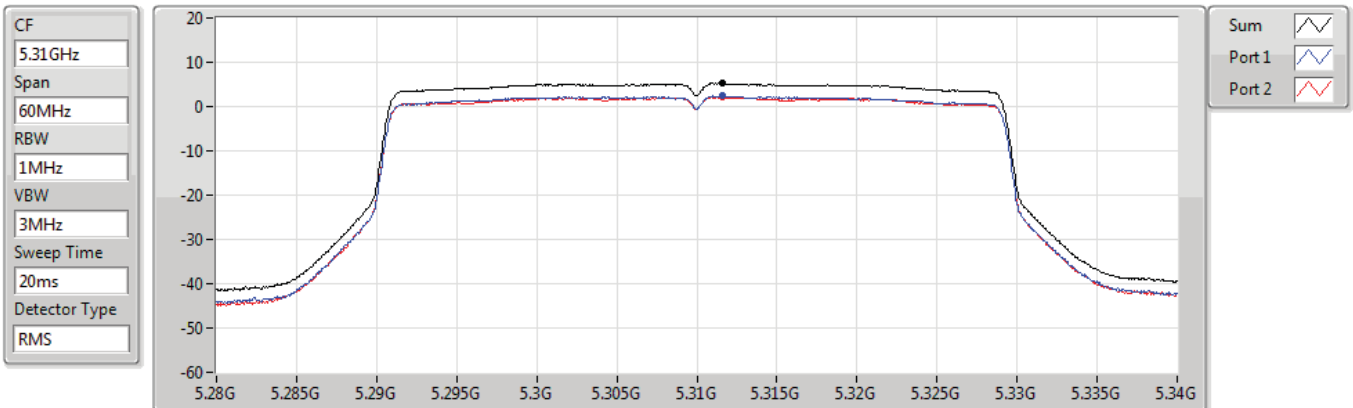


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

14/06/2022

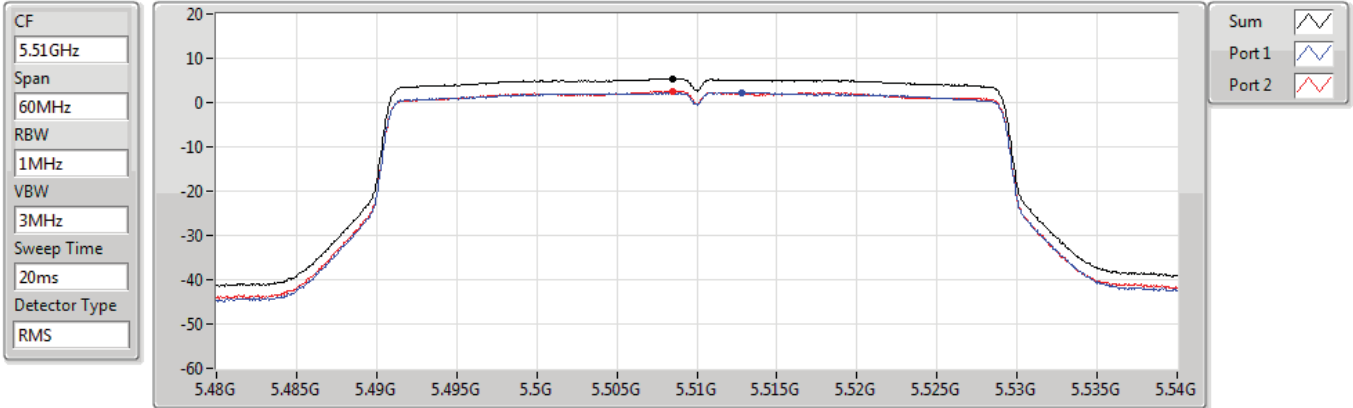


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

14/06/2022

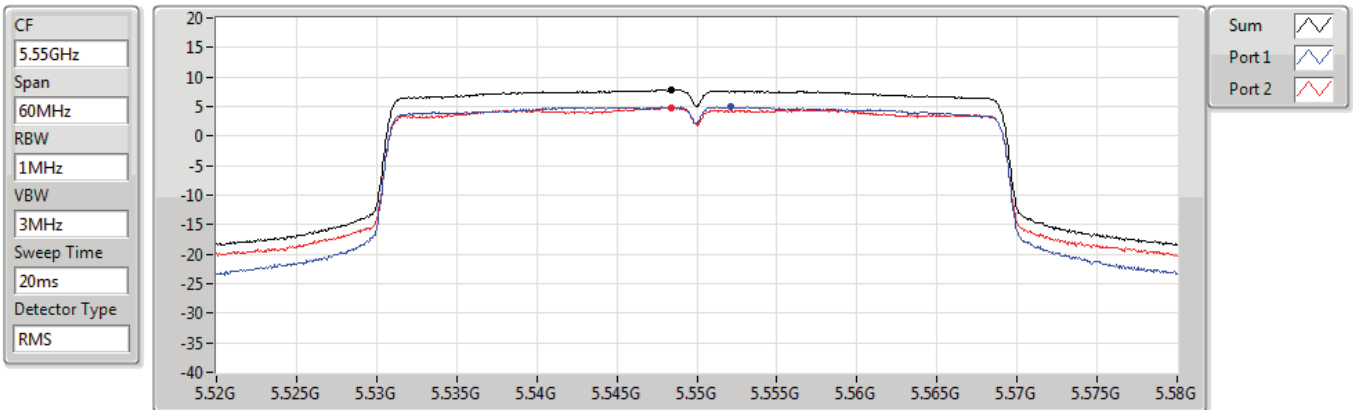


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

14/06/2022

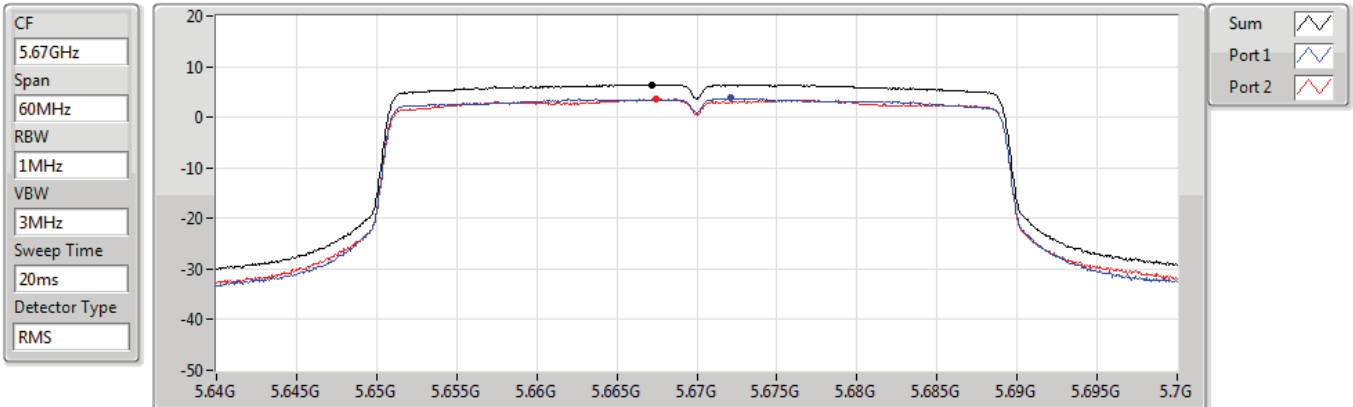


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

14/06/2022



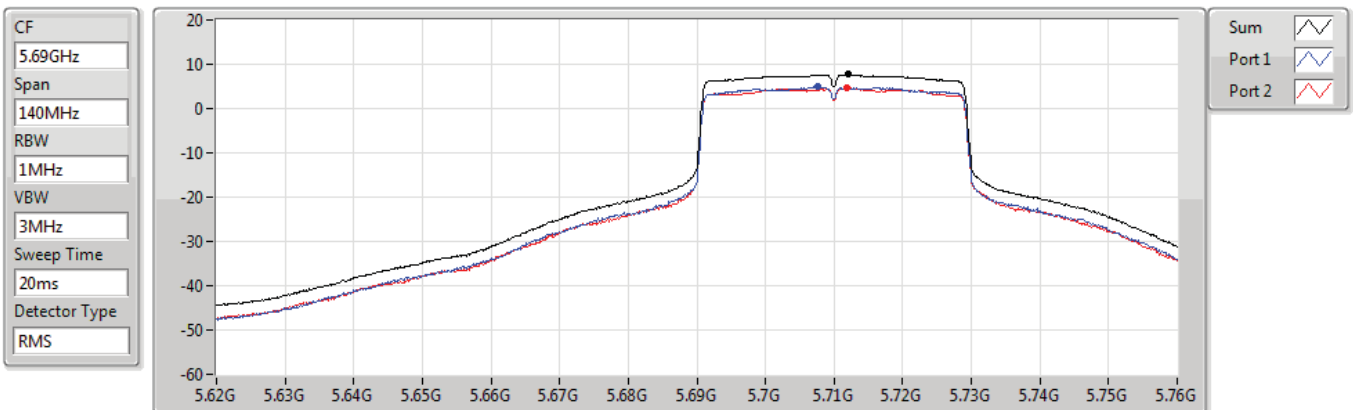
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.45	6.45	3.76	3.54

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

14/06/2022



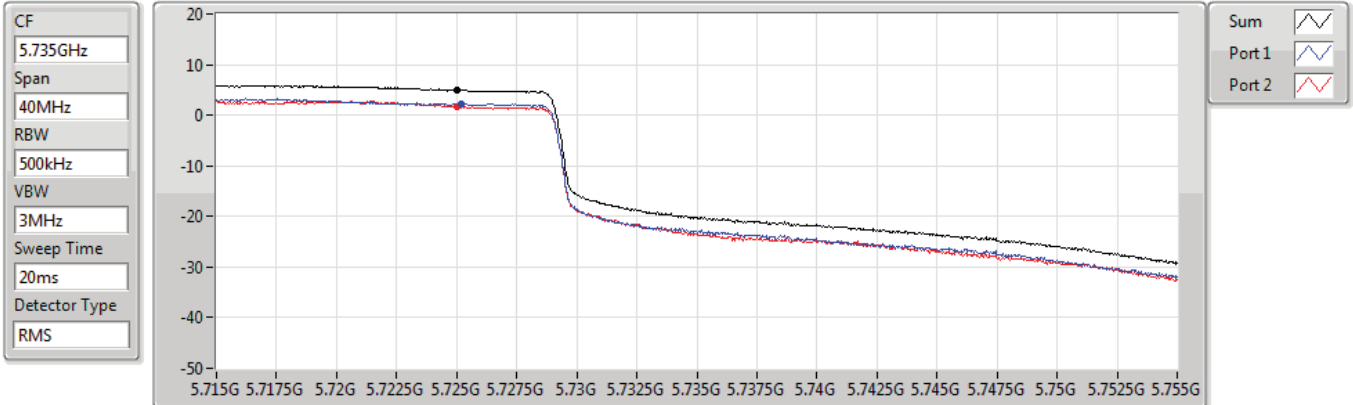
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	4.94	4.73

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

14/06/2022



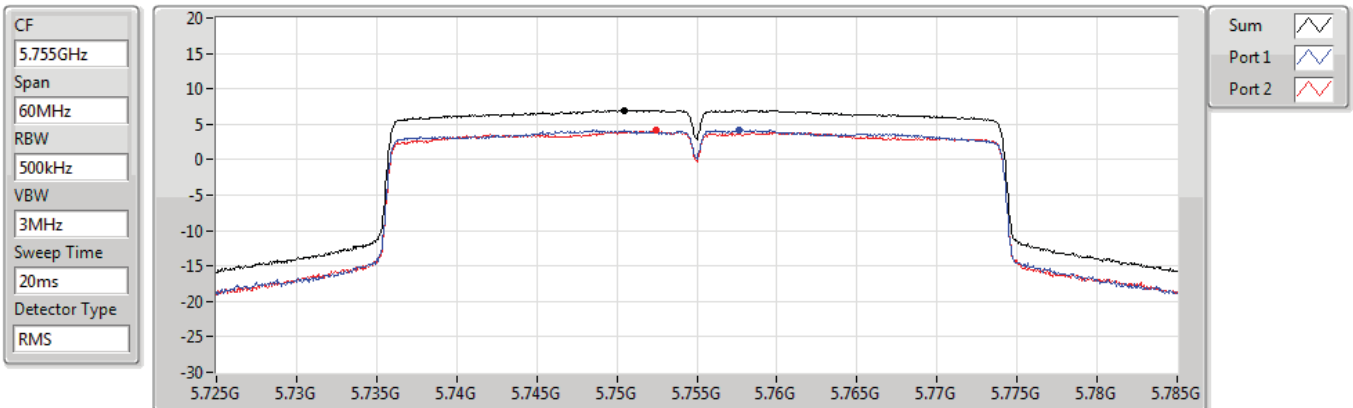
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.98	4.98	2.32	1.75

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

14/06/2022



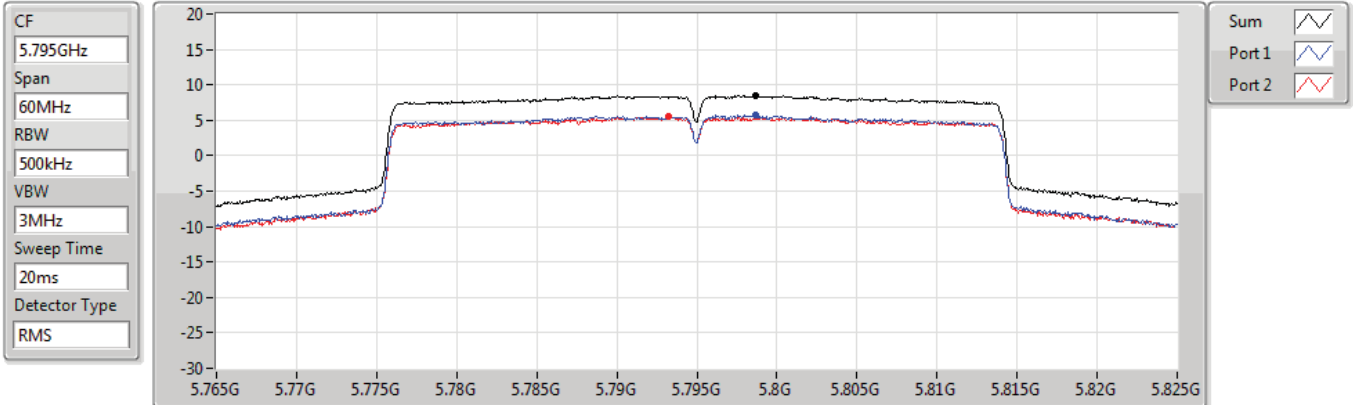
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.99	6.99	4.25	4.13

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

14/06/2022

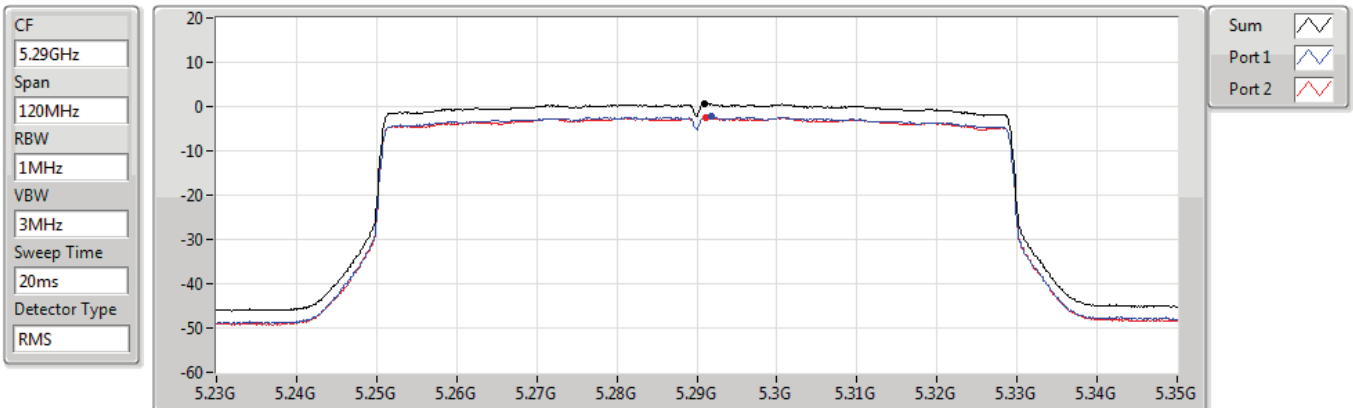


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

14/06/2022

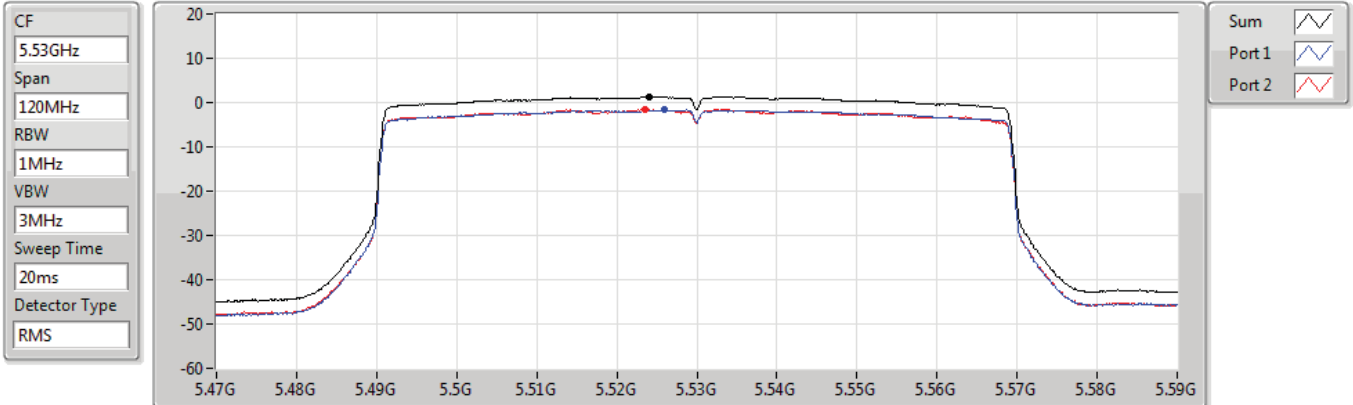


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

14/06/2022



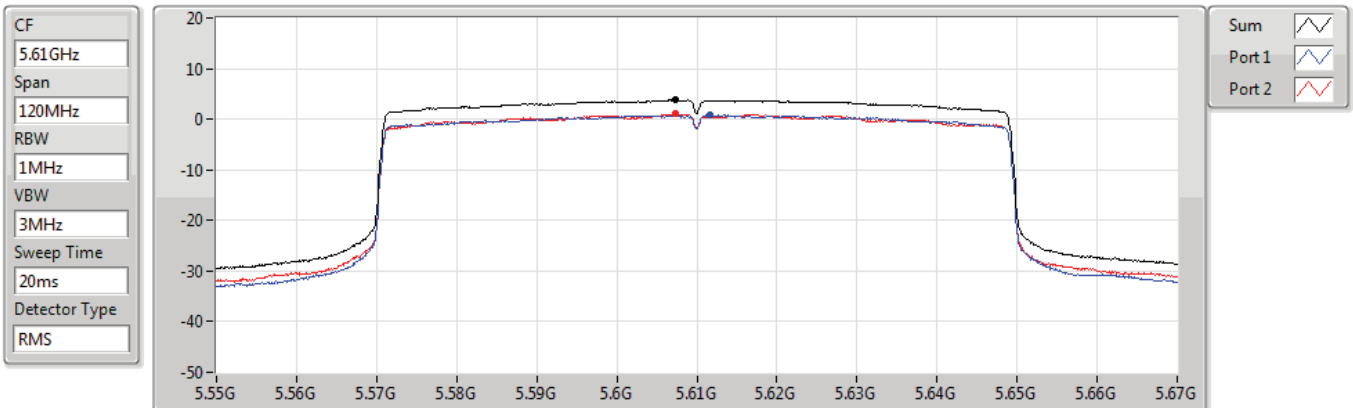
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.33	1.33	-1.68	-1.46

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

14/06/2022



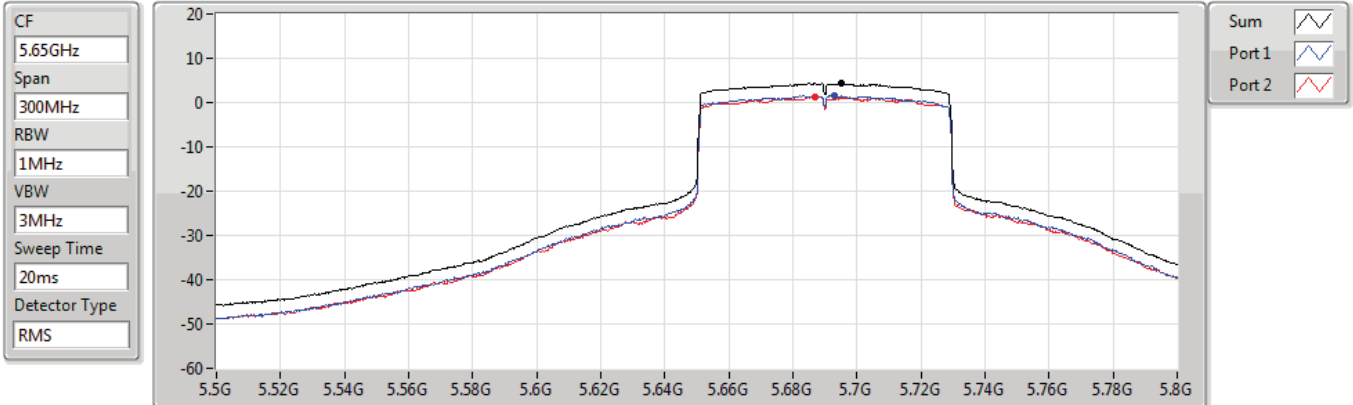
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.82	3.82	0.82	1.04

802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz

PSD

14/06/2022

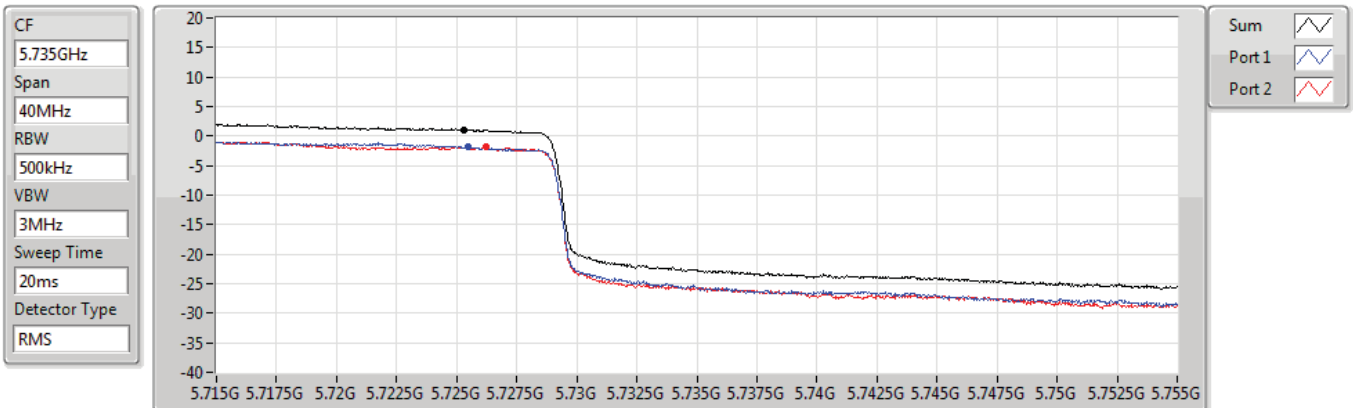


802.11ax HEW80_Nss1,(MCS0)_2TX

5690MHz Straddle 5.725-5.85GHz

PSD

14/06/2022

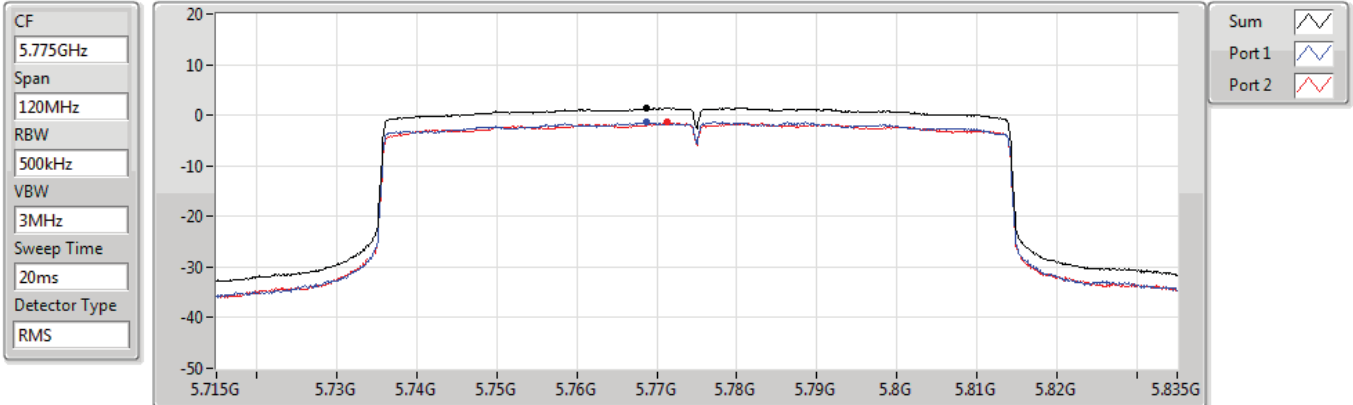


802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz

PSD

14/06/2022





Summary

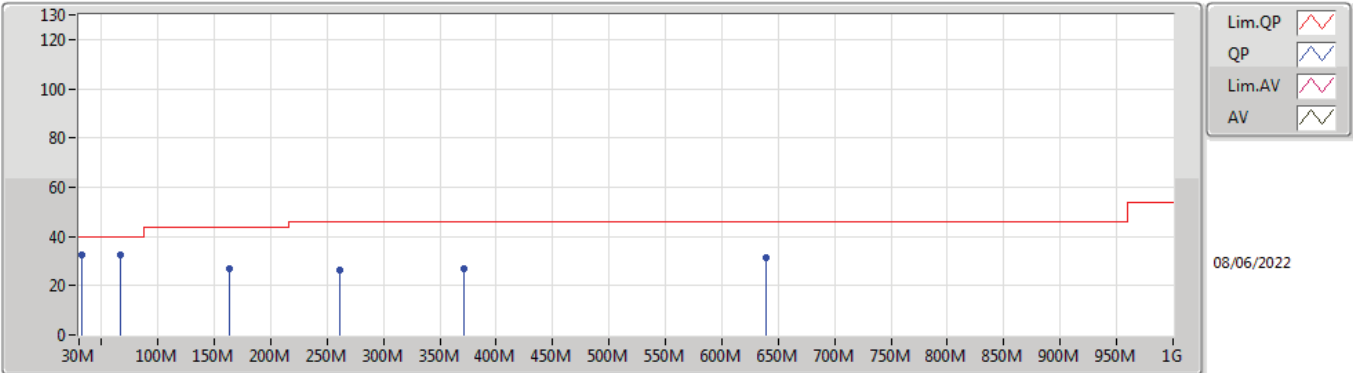
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	30M	36.92	40.00	-3.08	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	32.29	40.00	-7.71	3	Vertical	0	1.00	-
5775MHz	Pass	PK	66.86M	32.37	40.00	-7.63	3	Vertical	0	1.00	-
5775MHz	Pass	PK	163.86M	26.81	43.50	-16.69	3	Vertical	0	1.00	-
5775MHz	Pass	PK	260.86M	26.09	46.00	-19.91	3	Vertical	0	1.00	-
5775MHz	Pass	PK	371.44M	27.10	46.00	-18.90	3	Vertical	0	1.00	-
5775MHz	Pass	PK	639.16M	31.11	46.00	-14.89	3	Vertical	0	1.00	-
5775MHz	Pass	PK	31.94M	32.13	40.00	-7.87	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	111.48M	26.21	43.50	-17.29	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	134.76M	26.94	43.50	-16.56	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	163.86M	26.53	43.50	-16.97	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	206.54M	26.01	43.50	-17.49	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	258.92M	29.38	46.00	-16.62	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	30M	27.20	40.00	-12.80	3	Vertical	0	1.00	-
5775MHz	Pass	PK	41.64M	29.61	40.00	-10.39	3	Vertical	0	1.00	-
5775MHz	Pass	PK	260.86M	24.24	46.00	-21.76	3	Vertical	0	1.00	-
5775MHz	Pass	PK	414.12M	27.49	46.00	-18.51	3	Vertical	0	1.00	-
5775MHz	Pass	PK	544.1M	30.40	46.00	-15.60	3	Vertical	0	1.00	-
5775MHz	Pass	PK	617.82M	30.84	46.00	-15.16	3	Vertical	0	1.00	-
5775MHz	Pass	PK	35.82M	30.69	40.00	-9.31	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	59.1M	25.35	40.00	-14.65	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	237.58M	22.22	46.00	-23.78	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	255.04M	23.70	46.00	-22.30	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	450.98M	28.74	46.00	-17.26	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	637.22M	31.02	46.00	-14.98	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	30M	36.92	40.00	-3.08	3	Vertical	360	1.00	-
5775MHz	Pass	PK	95.96M	36.64	43.50	-6.86	3	Vertical	360	1.00	-
5775MHz	Pass	PK	218.18M	24.46	46.00	-21.54	3	Vertical	360	1.00	-
5775MHz	Pass	PK	268.62M	25.70	46.00	-20.30	3	Vertical	360	1.00	-
5775MHz	Pass	PK	435.46M	40.28	46.00	-5.72	3	Vertical	360	1.00	-
5775MHz	Pass	PK	641.1M	30.79	46.00	-15.21	3	Vertical	360	1.00	-
5775MHz	Pass	PK	30M	33.86	40.00	-6.14	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	90.14M	30.23	43.50	-13.27	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	214.3M	31.06	43.50	-12.44	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	284.14M	27.59	46.00	-18.41	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	476.2M	28.38	46.00	-17.62	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	736.16M	34.00	46.00	-12.00	3	Horizontal	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_2TX

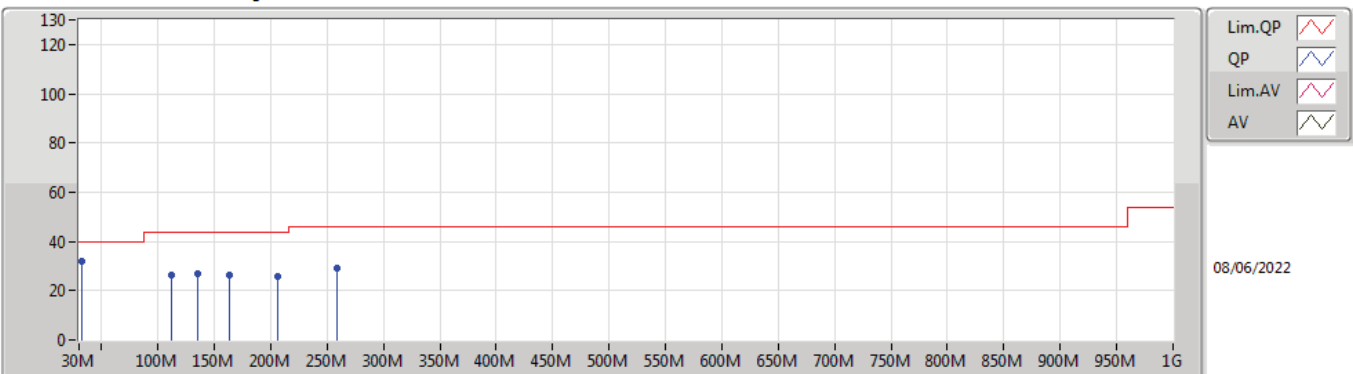
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	32.29	40.00	-7.71	-3.85	3	Vertical	0	1.00	-	36.14	22.18	1.02	27.05
PK	66.86M	32.37	40.00	-7.63	-15.22	3	Vertical	0	1.00	-	47.59	11.43	1.18	27.83
PK	163.86M	26.81	43.50	-16.69	-10.59	3	Vertical	0	1.00	-	37.40	15.11	1.81	27.51
PK	260.86M	26.09	46.00	-19.91	-5.97	3	Vertical	0	1.00	-	32.06	18.75	2.31	27.03
PK	371.44M	27.10	46.00	-18.90	-4.73	3	Vertical	0	1.00	-	31.83	20.01	2.78	27.52
PK	639.16M	31.11	46.00	-14.89	-0.30	3	Vertical	0	1.00	-	31.41	24.27	3.68	28.25

802.11ax HEW80_Nss1,(MCS0)_2TX

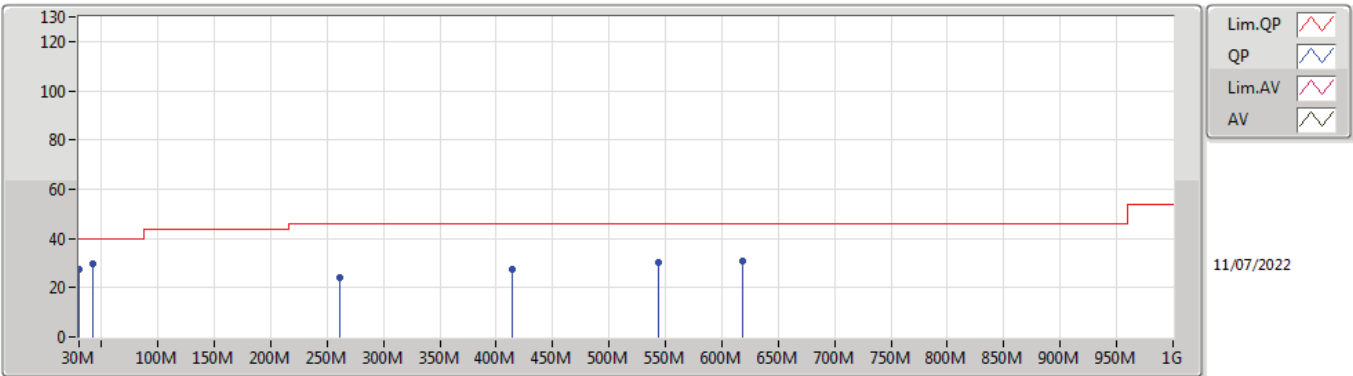
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	32.13	40.00	-7.87	-3.85	3	Horizontal	360	1.00	-	35.98	22.18	1.02	27.05
PK	111.48M	26.21	43.50	-17.29	-9.16	3	Horizontal	360	1.00	-	35.37	17.14	1.49	27.79
PK	134.76M	26.94	43.50	-16.56	-9.21	3	Horizontal	360	1.00	-	36.15	16.80	1.64	27.65
PK	163.86M	26.53	43.50	-16.97	-10.59	3	Horizontal	360	1.00	-	37.12	15.11	1.81	27.51
PK	206.54M	26.01	43.50	-17.49	-10.75	3	Horizontal	360	1.00	-	36.76	14.47	2.06	27.28
PK	258.92M	29.38	46.00	-16.62	-6.09	3	Horizontal	360	1.00	-	35.47	18.64	2.30	27.03

802.11ax HEW80_Nss1,(MCS0)_2TX

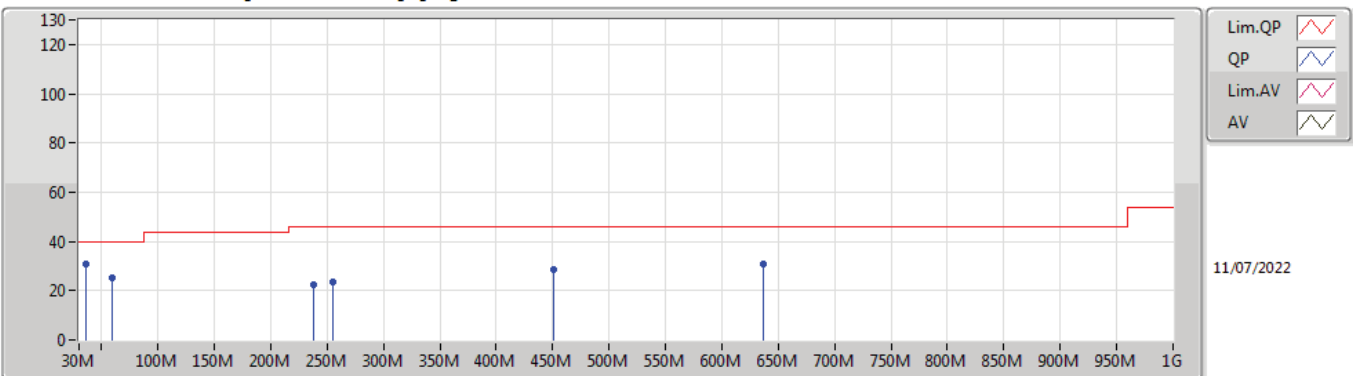
5775MHz_DC power supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	27.20	40.00	-12.80	-2.68	3	Vertical	0	1.00	-	29.88	23.26	1.02	26.96
PK	41.64M	29.61	40.00	-10.39	-9.09	3	Vertical	0	1.00	-	38.70	16.80	1.03	26.92
PK	260.86M	24.24	46.00	-21.76	-6.11	3	Vertical	0	1.00	-	30.35	18.75	2.31	27.17
PK	414.12M	27.49	46.00	-18.51	-3.32	3	Vertical	0	1.00	-	30.81	21.70	2.94	27.96
PK	544.1M	30.40	46.00	-15.60	-1.68	3	Vertical	0	1.00	-	32.08	23.52	3.40	28.60
PK	617.82M	30.84	46.00	-15.16	-0.68	3	Vertical	0	1.00	-	31.52	24.17	3.63	28.48

802.11ax HEW80_Nss1,(MCS0)_2TX

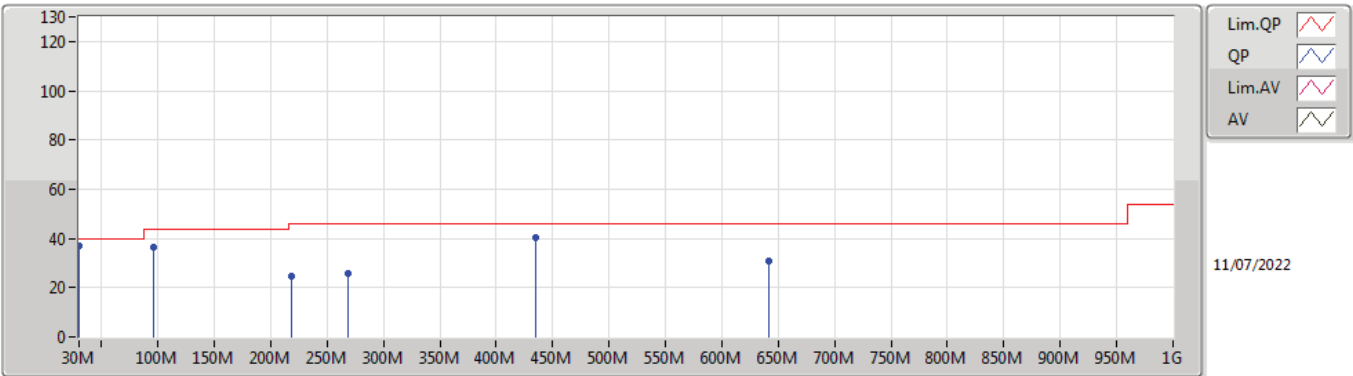
5775MHz_DC power supply



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	30.69	40.00	-9.31	-5.46	3	Horizontal	360	1.00	-	36.15	20.17	1.02	26.65
PK	59.1M	25.35	40.00	-14.65	-14.98	3	Horizontal	360	1.00	-	40.33	11.57	1.11	27.66
PK	237.58M	22.22	46.00	-23.78	-8.82	3	Horizontal	360	1.00	-	31.04	16.20	2.20	27.22
PK	255.04M	23.70	46.00	-22.30	-6.71	3	Horizontal	360	1.00	-	30.41	18.16	2.29	27.16
PK	450.98M	28.74	46.00	-17.26	-3.26	3	Horizontal	360	1.00	-	32.00	21.93	3.08	28.27
PK	637.22M	31.02	46.00	-14.98	-0.58	3	Horizontal	360	1.00	-	31.60	24.28	3.67	28.53

802.11ax HEW80_Nss1,(MCS0)_2TX

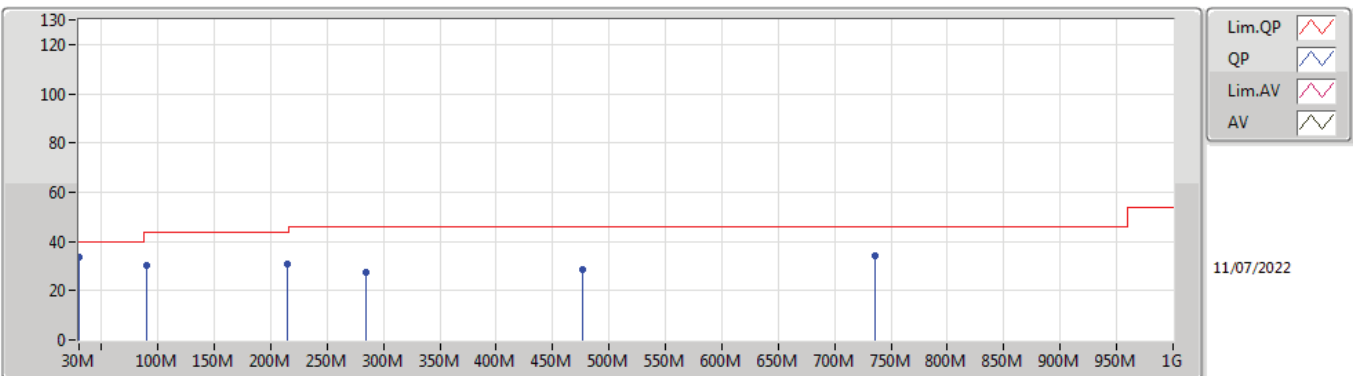
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	36.92	40.00	-3.08	-2.68	3	Vertical	360	1.00	-	39.60	23.26	1.02	26.96
PK	95.96M	36.64	43.50	-6.86	-11.07	3	Vertical	360	1.00	-	47.71	15.37	1.40	27.84
PK	218.18M	24.46	46.00	-21.54	-10.92	3	Vertical	360	1.00	-	35.38	14.29	2.11	27.32
PK	268.62M	25.70	46.00	-20.30	-6.61	3	Vertical	360	1.00	-	32.31	18.21	2.35	27.17
PK	435.46M	40.28	46.00	-5.72	-3.35	3	Vertical	360	1.00	-	43.63	21.77	3.02	28.14
PK	641.1M	30.79	46.00	-15.21	-0.60	3	Vertical	360	1.00	-	31.39	24.26	3.68	28.54

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	33.86	40.00	-6.14	-2.68	3	Horizontal	0	1.00	-	36.54	23.26	1.02	26.96
PK	90.14M	30.23	43.50	-13.27	-12.38	3	Horizontal	0	1.00	-	42.61	14.10	1.36	27.84
PK	214.3M	31.06	43.50	-12.44	-11.10	3	Horizontal	0	1.00	-	42.16	14.14	2.10	27.34
PK	284.14M	27.59	46.00	-18.41	-6.68	3	Horizontal	0	1.00	-	34.27	18.07	2.43	27.18
PK	476.2M	28.38	46.00	-17.62	-2.50	3	Horizontal	0	1.00	-	30.88	22.61	3.20	28.31
PK	736.16M	34.00	46.00	-12.00	0.45	3	Horizontal	0	1.00	-	33.55	24.79	3.93	28.27

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3518G	53.71	54.00	-0.29	3	Horizontal	158	1.98	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.43	54.00	-0.57	3	Horizontal	162	2.02	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3532G	53.52	54.00	-0.48	3	Vertical	172	1.99	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.35G	51.60	54.00	-2.40	3	Vertical	174	2.11	-
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7256G	67.46	68.20	-0.74	3	Vertical	180	1.48	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.4698G	67.37	68.20	-0.83	3	Horizontal	148	2.75	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.7264G	67.61	68.20	-0.59	3	Vertical	181	1.50	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.4584G	53.64	54.00	-0.36	3	Vertical	229	1.85	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.6478G	66.39	68.20	-1.81	3	Vertical	352	1.86	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	64.31	68.35	-4.04	3	Vertical	355	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.6434G	67.77	68.20	-0.43	3	Vertical	99	1.74	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.649G	66.67	68.20	-1.53	3	Vertical	228	1.73	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1478G	49.94	54.00	-4.06	3	Vertical	172	2.03	-
5260MHz	Pass	AV	5.2594G	110.11	Inf	-Inf	3	Vertical	172	2.03	-
5260MHz	Pass	AV	5.3524G	52.83	54.00	-1.17	3	Vertical	172	2.03	-
5260MHz	Pass	PK	5.1226G	61.76	74.00	-12.24	3	Vertical	172	2.03	-
5260MHz	Pass	PK	5.2546G	119.93	Inf	-Inf	3	Vertical	172	2.03	-
5260MHz	Pass	PK	5.3566G	66.99	74.00	-7.01	3	Vertical	172	2.03	-
5260MHz	Pass	AV	5.1472G	50.49	54.00	-3.51	3	Horizontal	158	1.98	-
5260MHz	Pass	AV	5.2546G	108.74	Inf	-Inf	3	Horizontal	158	1.98	-
5260MHz	Pass	AV	5.3518G	53.71	54.00	-0.29	3	Horizontal	158	1.98	-
5260MHz	Pass	PK	5.1466G	63.84	74.00	-10.16	3	Horizontal	158	1.98	-
5260MHz	Pass	PK	5.2552G	119.70	Inf	-Inf	3	Horizontal	158	1.98	-
5260MHz	Pass	PK	5.3518G	69.59	74.00	-4.41	3	Horizontal	158	1.98	-
5260MHz	Pass	PK	10.52462G	54.29	68.20	-13.91	3	Vertical	33	1.80	-
5260MHz	Pass	PK	10.51592G	53.91	68.20	-14.29	3	Horizontal	156	2.49	-
5300MHz	Pass	AV	5.3032G	108.75	Inf	-Inf	3	Vertical	170	1.50	-
5300MHz	Pass	AV	5.3504G	53.36	54.00	-0.64	3	Vertical	170	1.50	-
5300MHz	Pass	PK	5.2984G	118.95	Inf	-Inf	3	Vertical	170	1.50	-
5300MHz	Pass	PK	5.3512G	67.00	74.00	-7.00	3	Vertical	170	1.50	-
5300MHz	Pass	AV	5.3052G	107.91	Inf	-Inf	3	Horizontal	160	1.99	-
5300MHz	Pass	AV	5.352G	52.75	54.00	-1.25	3	Horizontal	160	1.99	-
5300MHz	Pass	PK	5.3008G	117.73	Inf	-Inf	3	Horizontal	160	1.99	-
5300MHz	Pass	PK	5.352G	65.71	74.00	-8.29	3	Horizontal	160	1.99	-
5300MHz	Pass	AV	10.60016G	41.58	54.00	-12.42	3	Vertical	0	1.30	-
5300MHz	Pass	PK	10.59546G	54.18	68.20	-14.02	3	Vertical	0	1.30	-
5300MHz	Pass	AV	10.60442G	41.05	54.00	-12.95	3	Horizontal	0	1.09	-
5300MHz	Pass	PK	10.60382G	54.44	74.00	-19.56	3	Horizontal	0	1.09	-
5320MHz	Pass	AV	5.3194G	106.63	Inf	-Inf	3	Vertical	172	1.99	-
5320MHz	Pass	AV	5.35G	53.27	54.00	-0.73	3	Vertical	172	1.99	-
5320MHz	Pass	PK	5.3192G	116.31	Inf	-Inf	3	Vertical	172	1.99	-
5320MHz	Pass	PK	5.35G	68.49	74.00	-5.51	3	Vertical	172	1.99	-
5320MHz	Pass	AV	5.321G	105.94	Inf	-Inf	3	Horizontal	164	2.00	-
5320MHz	Pass	AV	5.3502G	53.60	54.00	-0.40	3	Horizontal	164	2.00	-
5320MHz	Pass	PK	5.3166G	116.25	Inf	-Inf	3	Horizontal	164	2.00	-
5320MHz	Pass	PK	5.3508G	67.78	74.00	-6.22	3	Horizontal	164	2.00	-
5320MHz	Pass	AV	10.64432G	41.34	54.00	-12.66	3	Vertical	170	1.62	-
5320MHz	Pass	PK	10.63922G	54.69	74.00	-19.31	3	Vertical	170	1.62	-
5320MHz	Pass	AV	10.64052G	41.27	54.00	-12.73	3	Horizontal	0	1.62	-
5320MHz	Pass	PK	10.64438G	54.29	74.00	-19.71	3	Horizontal	0	1.62	-
5500MHz	Pass	AV	5.46G	47.60	54.00	-6.40	3	Vertical	163	1.50	-
5500MHz	Pass	AV	5.4968G	104.65	Inf	-Inf	3	Vertical	163	1.50	-
5500MHz	Pass	PK	5.47G	63.41	68.20	-4.79	3	Vertical	163	1.50	-
5500MHz	Pass	PK	5.4968G	115.22	Inf	-Inf	3	Vertical	163	1.50	-
5500MHz	Pass	AV	5.459G	47.82	54.00	-6.18	3	Horizontal	186	2.24	-
5500MHz	Pass	AV	5.4992G	104.29	Inf	-Inf	3	Horizontal	186	2.24	-
5500MHz	Pass	PK	5.4696G	66.20	68.20	-2.00	3	Horizontal	186	2.24	-
5500MHz	Pass	PK	5.4992G	114.43	Inf	-Inf	3	Horizontal	186	2.24	-
5500MHz	Pass	AV	10.99996G	41.92	54.00	-12.08	3	Vertical	171	1.62	-
5500MHz	Pass	PK	11.00328G	55.91	74.00	-18.09	3	Vertical	171	1.62	-
5500MHz	Pass	AV	10.9995G	41.61	54.00	-12.39	3	Horizontal	145	2.10	-
5500MHz	Pass	PK	10.99942G	54.95	74.00	-19.05	3	Horizontal	145	2.10	-
5580MHz	Pass	AV	5.4492G	48.28	54.00	-5.72	3	Vertical	208	1.50	-
5580MHz	Pass	AV	5.5794G	107.47	Inf	-Inf	3	Vertical	208	1.50	-
5580MHz	Pass	PK	5.469G	61.63	68.20	-6.57	3	Vertical	208	1.50	-
5580MHz	Pass	PK	5.574G	117.73	Inf	-Inf	3	Vertical	208	1.50	-
5580MHz	Pass	PK	5.7264G	60.11	68.20	-8.09	3	Vertical	208	1.50	-
5580MHz	Pass	AV	5.4492G	47.76	54.00	-6.24	3	Horizontal	328	1.80	-
5580MHz	Pass	AV	5.583G	106.63	Inf	-Inf	3	Horizontal	328	1.80	-
5580MHz	Pass	PK	5.4642G	59.59	68.20	-8.61	3	Horizontal	328	1.80	-
5580MHz	Pass	PK	5.583G	117.24	Inf	-Inf	3	Horizontal	328	1.80	-
5580MHz	Pass	PK	5.7282G	59.70	68.20	-8.50	3	Horizontal	328	1.80	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	AV	11.16326G	41.27	54.00	-12.73	3	Vertical	175	1.65	-
5580MHz	Pass	PK	11.15734G	55.05	74.00	-18.95	3	Vertical	175	1.65	-
5580MHz	Pass	AV	11.16064G	41.35	54.00	-12.65	3	Horizontal	185	1.50	-
5580MHz	Pass	PK	11.16344G	54.32	74.00	-19.68	3	Horizontal	185	1.50	-
5700MHz	Pass	AV	5.6948G	103.76	Inf	-Inf	3	Vertical	180	1.48	-
5700MHz	Pass	PK	5.6952G	113.23	Inf	-Inf	3	Vertical	180	1.48	-
5700MHz	Pass	PK	5.7256G	67.46	68.20	-0.74	3	Vertical	180	1.48	-
5700MHz	Pass	AV	5.7012G	102.87	Inf	-Inf	3	Horizontal	184	1.94	-
5700MHz	Pass	PK	5.6968G	112.94	Inf	-Inf	3	Horizontal	184	1.94	-
5700MHz	Pass	PK	5.7264G	66.38	68.20	-1.82	3	Horizontal	184	1.94	-
5700MHz	Pass	AV	11.39986G	43.48	54.00	-10.52	3	Vertical	185	1.50	-
5700MHz	Pass	PK	11.39626G	55.53	74.00	-18.47	3	Vertical	185	1.50	-
5700MHz	Pass	AV	11.39978G	44.03	54.00	-9.97	3	Horizontal	184	1.12	-
5700MHz	Pass	PK	11.39974G	55.75	74.00	-18.25	3	Horizontal	184	1.12	-
5720MHz	Pass	AV	5.4452G	47.10	54.00	-6.90	3	Vertical	96	1.50	-
5720MHz	Pass	AV	5.7188G	107.12	Inf	-Inf	3	Vertical	96	1.50	-
5720MHz	Pass	PK	5.4656G	59.11	68.20	-9.09	3	Vertical	96	1.50	-
5720MHz	Pass	PK	5.7236G	117.59	Inf	-Inf	3	Vertical	96	1.50	-
5720MHz	Pass	PK	5.8808G	60.56	68.20	-7.64	3	Vertical	96	1.50	-
5720MHz	Pass	AV	5.4452G	46.99	54.00	-7.01	3	Horizontal	330	1.11	-
5720MHz	Pass	AV	5.7164G	105.12	Inf	-Inf	3	Horizontal	330	1.11	-
5720MHz	Pass	PK	5.4644G	58.27	68.20	-9.93	3	Horizontal	330	1.11	-
5720MHz	Pass	PK	5.7272G	116.35	Inf	-Inf	3	Horizontal	330	1.11	-
5720MHz	Pass	PK	5.9612G	61.09	68.20	-7.11	3	Horizontal	330	1.11	-
5720MHz	Pass	AV	11.43984G	44.56	54.00	-9.44	3	Vertical	184	1.49	-
5720MHz	Pass	PK	11.43968G	55.51	74.00	-18.49	3	Vertical	184	1.49	-
5720MHz	Pass	AV	11.43988G	44.15	54.00	-9.85	3	Horizontal	184	1.06	-
5720MHz	Pass	PK	11.43588G	55.22	74.00	-18.78	3	Horizontal	184	1.06	-
5745MHz	Pass	AV	5.7474G	107.25	Inf	-Inf	3	Vertical	352	1.86	-
5745MHz	Pass	PK	5.6478G	66.39	68.20	-1.81	3	Vertical	352	1.86	-
5745MHz	Pass	PK	5.7522G	118.43	Inf	-Inf	3	Vertical	352	1.86	-
5745MHz	Pass	PK	5.943G	61.35	68.20	-6.85	3	Vertical	352	1.86	-
5745MHz	Pass	AV	5.7438G	104.62	Inf	-Inf	3	Horizontal	331	1.28	-
5745MHz	Pass	PK	5.649G	63.41	68.20	-4.79	3	Horizontal	331	1.28	-
5745MHz	Pass	PK	5.739G	114.64	Inf	-Inf	3	Horizontal	331	1.28	-
5745MHz	Pass	PK	5.9526G	60.85	68.20	-7.35	3	Horizontal	331	1.28	-
5745MHz	Pass	AV	11.48984G	44.73	54.00	-9.27	3	Vertical	185	1.50	-
5745MHz	Pass	PK	11.48084G	55.46	74.00	-18.54	3	Vertical	185	1.50	-
5745MHz	Pass	AV	11.48992G	44.31	54.00	-9.69	3	Horizontal	185	2.58	-
5745MHz	Pass	PK	11.48992G	55.72	74.00	-18.28	3	Horizontal	185	2.58	-
5785MHz	Pass	AV	5.7838G	106.05	Inf	-Inf	3	Vertical	353	1.50	-
5785MHz	Pass	PK	5.527G	59.25	68.20	-8.95	3	Vertical	353	1.50	-
5785MHz	Pass	PK	5.7838G	115.55	Inf	-Inf	3	Vertical	353	1.50	-
5785MHz	Pass	PK	5.9566G	61.17	68.20	-7.03	3	Vertical	353	1.50	-
5785MHz	Pass	AV	5.7886G	107.81	Inf	-Inf	3	Horizontal	140	2.05	-
5785MHz	Pass	PK	5.5714G	59.39	68.20	-8.81	3	Horizontal	140	2.05	-
5785MHz	Pass	PK	5.7838G	117.84	Inf	-Inf	3	Horizontal	140	2.05	-
5785MHz	Pass	PK	5.9314G	60.87	68.20	-7.33	3	Horizontal	140	2.05	-
5785MHz	Pass	AV	11.56992G	43.84	54.00	-10.16	3	Vertical	166	1.00	-
5785MHz	Pass	PK	11.56252G	55.15	74.00	-18.85	3	Vertical	166	1.00	-
5785MHz	Pass	AV	11.56984G	44.65	54.00	-9.35	3	Horizontal	184	2.48	-
5785MHz	Pass	PK	11.57G	55.00	74.00	-19.00	3	Horizontal	184	2.48	-
5825MHz	Pass	AV	5.8262G	104.36	Inf	-Inf	3	Vertical	349	1.78	-
5825MHz	Pass	PK	5.6162G	58.93	68.20	-9.27	3	Vertical	349	1.78	-
5825MHz	Pass	PK	5.8214G	113.89	Inf	-Inf	3	Vertical	349	1.78	-
5825MHz	Pass	PK	6.1082G	59.80	68.20	-8.40	3	Vertical	349	1.78	-
5825MHz	Pass	AV	5.8274G	103.00	Inf	-Inf	3	Horizontal	331	1.32	-
5825MHz	Pass	PK	5.6486G	59.18	68.20	-9.02	3	Horizontal	331	1.32	-
5825MHz	Pass	PK	5.8274G	112.79	Inf	-Inf	3	Horizontal	331	1.32	-
5825MHz	Pass	PK	6.0026G	60.38	68.20	-7.82	3	Horizontal	331	1.32	-
5825MHz	Pass	AV	11.64996G	42.24	54.00	-11.76	3	Vertical	181	1.42	-
5825MHz	Pass	PK	11.6498G	54.82	74.00	-19.18	3	Vertical	181	1.42	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	AV	11.64992G	41.86	54.00	-12.14	3	Horizontal	193	1.50	-
5825MHz	Pass	PK	11.65972G	54.32	74.00	-19.68	3	Horizontal	193	1.50	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1424G	48.85	54.00	-5.15	3	Vertical	173	1.86	-
5260MHz	Pass	AV	5.263G	108.50	Inf	-Inf	3	Vertical	173	1.86	-
5260MHz	Pass	AV	5.353G	51.18	54.00	-2.82	3	Vertical	173	1.86	-
5260MHz	Pass	PK	5.1412G	60.45	74.00	-13.55	3	Vertical	173	1.86	-
5260MHz	Pass	PK	5.2642G	120.28	Inf	-Inf	3	Vertical	173	1.86	-
5260MHz	Pass	PK	5.356G	63.47	74.00	-10.53	3	Vertical	173	1.86	-
5260MHz	Pass	AV	5.1442G	49.27	54.00	-4.73	3	Horizontal	157	1.88	-
5260MHz	Pass	AV	5.2642G	107.94	Inf	-Inf	3	Horizontal	157	1.88	-
5260MHz	Pass	AV	5.3536G	51.29	54.00	-2.71	3	Horizontal	157	1.88	-
5260MHz	Pass	PK	5.1436G	60.97	74.00	-13.03	3	Horizontal	157	1.88	-
5260MHz	Pass	PK	5.2648G	120.23	Inf	-Inf	3	Horizontal	157	1.88	-
5260MHz	Pass	PK	5.3518G	63.32	74.00	-10.68	3	Horizontal	157	1.88	-
5260MHz	Pass	PK	10.52121G	53.59	68.20	-14.61	3	Vertical	188	2.07	-
5260MHz	Pass	PK	10.51977G	54.30	68.20	-13.90	3	Horizontal	73	1.41	-
5300MHz	Pass	AV	5.304G	106.57	Inf	-Inf	3	Vertical	173	2.07	-
5300MHz	Pass	AV	5.3532G	50.85	54.00	-3.15	3	Vertical	173	2.07	-
5300MHz	Pass	PK	5.304G	119.09	Inf	-Inf	3	Vertical	173	2.07	-
5300MHz	Pass	PK	5.3536G	64.19	74.00	-9.81	3	Vertical	173	2.07	-
5300MHz	Pass	AV	5.304G	106.25	Inf	-Inf	3	Horizontal	159	1.99	-
5300MHz	Pass	AV	5.35G	50.92	54.00	-3.08	3	Horizontal	159	1.99	-
5300MHz	Pass	PK	5.294G	117.97	Inf	-Inf	3	Horizontal	159	1.99	-
5300MHz	Pass	PK	5.3532G	62.56	74.00	-11.44	3	Horizontal	159	1.99	-
5300MHz	Pass	AV	10.60148G	40.96	54.00	-13.04	3	Vertical	124	1.50	-
5300MHz	Pass	PK	10.59777G	54.30	68.20	-13.90	3	Vertical	124	1.50	-
5300MHz	Pass	AV	10.60016G	40.97	54.00	-13.03	3	Horizontal	264	3.00	-
5300MHz	Pass	PK	10.60001G	54.81	74.00	-19.19	3	Horizontal	264	3.00	-
5320MHz	Pass	AV	5.3232G	104.80	Inf	-Inf	3	Vertical	173	1.96	-
5320MHz	Pass	AV	5.3536G	53.25	54.00	-0.75	3	Vertical	173	1.96	-
5320MHz	Pass	PK	5.3224G	116.97	Inf	-Inf	3	Vertical	173	1.96	-
5320MHz	Pass	PK	5.3512G	70.71	74.00	-3.29	3	Vertical	173	1.96	-
5320MHz	Pass	AV	5.317G	104.39	Inf	-Inf	3	Horizontal	162	2.02	-
5320MHz	Pass	AV	5.35G	53.43	54.00	-0.57	3	Horizontal	162	2.02	-
5320MHz	Pass	PK	5.3264G	117.38	Inf	-Inf	3	Horizontal	162	2.02	-
5320MHz	Pass	PK	5.3502G	66.92	74.00	-7.08	3	Horizontal	162	2.02	-
5320MHz	Pass	AV	10.63979G	40.99	54.00	-13.01	3	Vertical	67	2.83	-
5320MHz	Pass	PK	10.64137G	54.68	74.00	-19.32	3	Vertical	67	2.83	-
5320MHz	Pass	AV	10.6402G	40.99	54.00	-13.01	3	Horizontal	338	1.50	-
5320MHz	Pass	PK	10.64062G	55.34	74.00	-18.66	3	Horizontal	338	1.50	-
5500MHz	Pass	AV	5.46G	47.72	54.00	-6.28	3	Vertical	165	1.50	-
5500MHz	Pass	AV	5.5032G	103.84	Inf	-Inf	3	Vertical	165	1.50	-
5500MHz	Pass	PK	5.47G	67.02	68.20	-1.18	3	Vertical	165	1.50	-
5500MHz	Pass	PK	5.4934G	115.94	Inf	-Inf	3	Vertical	165	1.50	-
5500MHz	Pass	AV	5.4592G	47.94	54.00	-6.06	3	Horizontal	148	2.75	-
5500MHz	Pass	AV	5.4986G	102.84	Inf	-Inf	3	Horizontal	148	2.75	-
5500MHz	Pass	PK	5.4698G	67.37	68.20	-0.83	3	Horizontal	148	2.75	-
5500MHz	Pass	PK	5.499G	116.12	Inf	-Inf	3	Horizontal	148	2.75	-
5500MHz	Pass	AV	11.00119G	41.10	54.00	-12.90	3	Vertical	292	1.50	-
5500MHz	Pass	PK	11.00218G	54.34	74.00	-19.66	3	Vertical	292	1.50	-
5500MHz	Pass	AV	10.99988G	41.55	54.00	-12.45	3	Horizontal	188	1.06	-
5500MHz	Pass	PK	11.00007G	54.56	74.00	-19.44	3	Horizontal	188	1.06	-
5580MHz	Pass	AV	5.4582G	48.38	54.00	-5.62	3	Vertical	164	1.32	-
5580MHz	Pass	AV	5.5782G	107.38	Inf	-Inf	3	Vertical	164	1.32	-
5580MHz	Pass	PK	5.4684G	62.86	68.20	-5.34	3	Vertical	164	1.32	-
5580MHz	Pass	PK	5.5794G	119.36	Inf	-Inf	3	Vertical	164	1.32	-
5580MHz	Pass	PK	5.7264G	59.24	68.20	-8.96	3	Vertical	164	1.32	-
5580MHz	Pass	AV	5.4588G	47.43	54.00	-6.57	3	Horizontal	329	1.78	-
5580MHz	Pass	AV	5.5782G	105.53	Inf	-Inf	3	Horizontal	329	1.78	-
5580MHz	Pass	PK	5.4678G	61.19	68.20	-7.01	3	Horizontal	329	1.78	-
5580MHz	Pass	PK	5.5782G	117.57	Inf	-Inf	3	Horizontal	329	1.78	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5580MHz	Pass	PK	5.7294G	59.42	68.20	-8.78	3	Horizontal	329	1.78	-
5580MHz	Pass	AV	11.15997G	42.17	54.00	-11.83	3	Vertical	177	1.63	-
5580MHz	Pass	PK	11.15988G	54.55	74.00	-19.45	3	Vertical	177	1.63	-
5580MHz	Pass	AV	11.15997G	41.52	54.00	-12.48	3	Horizontal	224	1.88	-
5580MHz	Pass	PK	11.15944G	54.86	74.00	-19.14	3	Horizontal	224	1.88	-
5700MHz	Pass	AV	5.702G	102.36	Inf	-Inf	3	Vertical	349	1.50	-
5700MHz	Pass	PK	5.7024G	114.30	Inf	-Inf	3	Vertical	349	1.50	-
5700MHz	Pass	PK	5.7252G	66.83	68.20	-1.37	3	Vertical	349	1.50	-
5700MHz	Pass	AV	5.7032G	100.80	Inf	-Inf	3	Horizontal	329	1.11	-
5700MHz	Pass	PK	5.704G	112.99	Inf	-Inf	3	Horizontal	329	1.11	-
5700MHz	Pass	PK	5.7252G	67.05	68.20	-1.15	3	Horizontal	329	1.11	-
5700MHz	Pass	AV	11.39982G	43.54	54.00	-10.46	3	Vertical	184	1.46	-
5700MHz	Pass	PK	11.39971G	55.31	74.00	-18.69	3	Vertical	184	1.46	-
5700MHz	Pass	AV	11.39985G	43.34	54.00	-10.66	3	Horizontal	186	1.21	-
5700MHz	Pass	PK	11.39979G	55.04	74.00	-18.96	3	Horizontal	186	1.21	-
5720MHz	Pass	AV	5.4512G	46.51	54.00	-7.49	3	Vertical	98	1.80	-
5720MHz	Pass	AV	5.7188G	106.79	Inf	-Inf	3	Vertical	98	1.80	-
5720MHz	Pass	PK	5.4632G	57.68	68.20	-10.52	3	Vertical	98	1.80	-
5720MHz	Pass	PK	5.7188G	119.32	Inf	-Inf	3	Vertical	98	1.80	-
5720MHz	Pass	PK	5.8796G	60.80	68.20	-7.40	3	Vertical	98	1.80	-
5720MHz	Pass	AV	5.4368G	46.47	54.00	-7.53	3	Horizontal	330	1.41	-
5720MHz	Pass	AV	5.7128G	104.03	Inf	-Inf	3	Horizontal	330	1.41	-
5720MHz	Pass	PK	5.4692G	57.91	68.20	-10.29	3	Horizontal	330	1.41	-
5720MHz	Pass	PK	5.7224G	116.32	Inf	-Inf	3	Horizontal	330	1.41	-
5720MHz	Pass	PK	5.9504G	61.29	68.20	-6.91	3	Horizontal	330	1.41	-
5720MHz	Pass	AV	11.43991G	43.84	54.00	-10.16	3	Vertical	185	1.50	-
5720MHz	Pass	PK	11.4399G	55.49	74.00	-18.51	3	Vertical	185	1.50	-
5720MHz	Pass	AV	11.43986G	43.31	54.00	-10.69	3	Horizontal	186	1.17	-
5720MHz	Pass	PK	11.43989G	55.27	74.00	-18.73	3	Horizontal	186	1.17	-
5745MHz	Pass	AV	5.7414G	104.59	Inf	-Inf	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.6502G	64.31	68.35	-4.04	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.7426G	115.81	Inf	-Inf	3	Vertical	355	1.50	-
5745MHz	Pass	PK	5.9346G	60.24	68.20	-7.96	3	Vertical	355	1.50	-
5745MHz	Pass	AV	5.7486G	102.72	Inf	-Inf	3	Horizontal	332	1.17	-
5745MHz	Pass	PK	5.6466G	63.11	68.20	-5.09	3	Horizontal	332	1.17	-
5745MHz	Pass	PK	5.7498G	114.24	Inf	-Inf	3	Horizontal	332	1.17	-
5745MHz	Pass	PK	5.9622G	60.52	68.20	-7.68	3	Horizontal	332	1.17	-
5745MHz	Pass	AV	11.48985G	44.78	54.00	-9.22	3	Vertical	184	1.50	-
5745MHz	Pass	PK	11.48995G	56.20	74.00	-17.80	3	Vertical	184	1.50	-
5745MHz	Pass	AV	11.4899G	43.98	54.00	-10.02	3	Horizontal	184	2.62	-
5745MHz	Pass	PK	11.48982G	55.42	74.00	-18.58	3	Horizontal	184	2.62	-
5785MHz	Pass	AV	5.7862G	104.22	Inf	-Inf	3	Vertical	350	1.84	-
5785MHz	Pass	PK	5.6386G	59.74	68.20	-8.46	3	Vertical	350	1.84	-
5785MHz	Pass	PK	5.7766G	114.58	Inf	-Inf	3	Vertical	350	1.84	-
5785MHz	Pass	PK	6.0094G	60.25	68.20	-7.95	3	Vertical	350	1.84	-
5785MHz	Pass	AV	5.7898G	102.91	Inf	-Inf	3	Horizontal	330	1.27	-
5785MHz	Pass	PK	5.6254G	59.64	68.20	-8.56	3	Horizontal	330	1.27	-
5785MHz	Pass	PK	5.7802G	115.08	Inf	-Inf	3	Horizontal	330	1.27	-
5785MHz	Pass	PK	5.953G	60.27	68.20	-7.93	3	Horizontal	330	1.27	-
5785MHz	Pass	AV	11.56993G	44.86	54.00	-9.14	3	Vertical	163	1.00	-
5785MHz	Pass	PK	11.57021G	55.75	74.00	-18.25	3	Vertical	163	1.00	-
5785MHz	Pass	AV	11.56987G	42.46	54.00	-11.54	3	Horizontal	189	1.50	-
5785MHz	Pass	PK	11.57006G	56.04	74.00	-17.96	3	Horizontal	189	1.50	-
5825MHz	Pass	AV	5.8262G	104.72	Inf	-Inf	3	Vertical	350	1.60	-
5825MHz	Pass	PK	5.5262G	58.72	68.20	-9.48	3	Vertical	350	1.60	-
5825MHz	Pass	PK	5.8274G	117.16	Inf	-Inf	3	Vertical	350	1.60	-
5825MHz	Pass	PK	5.9258G	63.33	68.20	-4.87	3	Vertical	350	1.60	-
5825MHz	Pass	AV	5.8286G	102.86	Inf	-Inf	3	Horizontal	334	1.32	-
5825MHz	Pass	PK	5.5478G	58.92	68.20	-9.28	3	Horizontal	334	1.32	-
5825MHz	Pass	PK	5.8274G	113.36	Inf	-Inf	3	Horizontal	334	1.32	-
5825MHz	Pass	PK	5.9306G	61.44	68.20	-6.76	3	Horizontal	334	1.32	-
5825MHz	Pass	AV	11.6498G	44.04	54.00	-9.96	3	Vertical	160	2.07	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	11.65084G	55.44	74.00	-18.56	3	Vertical	160	2.07	-
5825MHz	Pass	AV	11.64996G	41.77	54.00	-12.23	3	Horizontal	167	1.50	-
5825MHz	Pass	PK	11.64464G	54.02	74.00	-19.98	3	Horizontal	167	1.50	-
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2728G	104.09	Inf	-Inf	3	Vertical	172	1.99	-
5270MHz	Pass	AV	5.3528G	50.74	54.00	-3.26	3	Vertical	172	1.99	-
5270MHz	Pass	PK	5.2712G	116.10	Inf	-Inf	3	Vertical	172	1.99	-
5270MHz	Pass	PK	5.354G	63.38	74.00	-10.62	3	Vertical	172	1.99	-
5270MHz	Pass	AV	5.2752G	103.15	Inf	-Inf	3	Horizontal	160	1.88	-
5270MHz	Pass	AV	5.3552G	50.11	54.00	-3.89	3	Horizontal	160	1.88	-
5270MHz	Pass	PK	5.2748G	115.45	Inf	-Inf	3	Horizontal	160	1.88	-
5270MHz	Pass	PK	5.3544G	62.23	74.00	-11.77	3	Horizontal	160	1.88	-
5270MHz	Pass	PK	10.54894G	54.13	68.20	-14.07	3	Vertical	360	1.55	-
5270MHz	Pass	PK	10.5277G	54.14	68.20	-14.06	3	Horizontal	115	1.43	-
5310MHz	Pass	AV	5.3032G	101.86	Inf	-Inf	3	Vertical	172	1.99	-
5310MHz	Pass	AV	5.3532G	53.52	54.00	-0.48	3	Vertical	172	1.99	-
5310MHz	Pass	PK	5.3132G	113.79	Inf	-Inf	3	Vertical	172	1.99	-
5310MHz	Pass	PK	5.352G	68.13	74.00	-5.87	3	Vertical	172	1.99	-
5310MHz	Pass	AV	5.3052G	100.86	Inf	-Inf	3	Horizontal	160	2.08	-
5310MHz	Pass	AV	5.3544G	53.23	54.00	-0.77	3	Horizontal	160	2.08	-
5310MHz	Pass	PK	5.306G	113.11	Inf	-Inf	3	Horizontal	160	2.08	-
5310MHz	Pass	PK	5.3548G	68.08	74.00	-5.92	3	Horizontal	160	2.08	-
5310MHz	Pass	AV	10.63368G	41.21	54.00	-12.79	3	Vertical	27	1.17	-
5310MHz	Pass	PK	10.6278G	54.28	74.00	-19.72	3	Vertical	27	1.17	-
5310MHz	Pass	AV	10.60842G	40.98	54.00	-13.02	3	Horizontal	177	2.04	-
5310MHz	Pass	PK	10.63314G	53.45	74.00	-20.55	3	Horizontal	177	2.04	-
5510MHz	Pass	AV	5.4552G	49.44	54.00	-4.56	3	Vertical	166	1.50	-
5510MHz	Pass	AV	5.5136G	99.33	Inf	-Inf	3	Vertical	166	1.50	-
5510MHz	Pass	PK	5.4644G	65.27	68.20	-2.93	3	Vertical	166	1.50	-
5510MHz	Pass	PK	5.516G	111.54	Inf	-Inf	3	Vertical	166	1.50	-
5510MHz	Pass	AV	5.4592G	50.11	54.00	-3.89	3	Horizontal	146	2.88	-
5510MHz	Pass	AV	5.508G	99.20	Inf	-Inf	3	Horizontal	146	2.88	-
5510MHz	Pass	PK	5.4688G	66.53	68.20	-1.67	3	Horizontal	146	2.88	-
5510MHz	Pass	PK	5.5184G	111.53	Inf	-Inf	3	Horizontal	146	2.88	-
5510MHz	Pass	AV	11.00758G	40.92	54.00	-13.08	3	Vertical	48	1.50	-
5510MHz	Pass	PK	11.01166G	54.04	74.00	-19.96	3	Vertical	48	1.50	-
5510MHz	Pass	AV	11.0065G	41.58	54.00	-12.42	3	Horizontal	117	1.20	-
5510MHz	Pass	PK	11.00632G	54.65	74.00	-19.35	3	Horizontal	117	1.20	-
5550MHz	Pass	AV	5.4564G	51.72	54.00	-2.28	3	Vertical	230	1.80	-
5550MHz	Pass	AV	5.5444G	102.94	Inf	-Inf	3	Vertical	230	1.80	-
5550MHz	Pass	PK	5.4696G	66.63	68.20	-1.57	3	Vertical	230	1.80	-
5550MHz	Pass	PK	5.554G	115.40	Inf	-Inf	3	Vertical	230	1.80	-
5550MHz	Pass	AV	5.46G	51.51	54.00	-2.49	3	Horizontal	185	2.03	-
5550MHz	Pass	AV	5.5472G	101.24	Inf	-Inf	3	Horizontal	185	2.03	-
5550MHz	Pass	PK	5.4688G	66.60	68.20	-1.60	3	Horizontal	185	2.03	-
5550MHz	Pass	PK	5.5592G	113.02	Inf	-Inf	3	Horizontal	185	2.03	-
5550MHz	Pass	AV	11.10882G	40.93	54.00	-13.07	3	Vertical	196	1.37	-
5550MHz	Pass	PK	11.10432G	53.77	74.00	-20.23	3	Vertical	196	1.37	-
5550MHz	Pass	AV	11.1039G	40.93	54.00	-13.07	3	Horizontal	284	2.21	-
5550MHz	Pass	PK	11.08584G	53.77	74.00	-20.23	3	Horizontal	284	2.21	-
5670MHz	Pass	AV	5.6748G	101.31	Inf	-Inf	3	Vertical	181	1.50	-
5670MHz	Pass	PK	5.6754G	113.04	Inf	-Inf	3	Vertical	181	1.50	-
5670MHz	Pass	PK	5.7264G	67.61	68.20	-0.59	3	Vertical	181	1.50	-
5670MHz	Pass	AV	5.6742G	99.55	Inf	-Inf	3	Horizontal	329	1.50	-
5670MHz	Pass	PK	5.673G	110.26	Inf	-Inf	3	Horizontal	329	1.50	-
5670MHz	Pass	PK	5.7252G	64.72	68.20	-3.48	3	Horizontal	329	1.50	-
5670MHz	Pass	AV	11.3511G	41.68	54.00	-12.32	3	Vertical	163	2.62	-
5670MHz	Pass	PK	11.35272G	55.02	74.00	-18.98	3	Vertical	163	2.62	-
5670MHz	Pass	AV	11.35218G	41.64	54.00	-12.36	3	Horizontal	97	2.63	-
5670MHz	Pass	PK	11.3493G	54.41	74.00	-19.59	3	Horizontal	97	2.63	-
5710MHz	Pass	AV	5.4496G	47.25	54.00	-6.75	3	Vertical	97	1.50	-
5710MHz	Pass	AV	5.7184G	103.32	Inf	-Inf	3	Vertical	97	1.50	-



RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5710MHz	Pass	PK	5.4688G	57.74	68.20	-10.46	3	Vertical	97	1.50	-
5710MHz	Pass	PK	5.7184G	114.19	Inf	-Inf	3	Vertical	97	1.50	-
5710MHz	Pass	PK	5.8588G	65.56	68.20	-2.64	3	Vertical	97	1.50	-
5710MHz	Pass	AV	5.46G	46.85	54.00	-7.15	3	Horizontal	330	1.41	-
5710MHz	Pass	AV	5.7136G	102.09	Inf	-Inf	3	Horizontal	330	1.41	-
5710MHz	Pass	PK	5.464G	57.36	68.20	-10.84	3	Horizontal	330	1.41	-
5710MHz	Pass	PK	5.7124G	113.11	Inf	-Inf	3	Horizontal	330	1.41	-
5710MHz	Pass	PK	5.8564G	62.91	68.20	-5.29	3	Horizontal	330	1.41	-
5710MHz	Pass	AV	11.42006G	41.33	54.00	-12.67	3	Vertical	250	2.71	-
5710MHz	Pass	PK	11.43218G	54.74	74.00	-19.26	3	Vertical	250	2.71	-
5710MHz	Pass	AV	11.41898G	41.35	54.00	-12.65	3	Horizontal	258	1.66	-
5710MHz	Pass	PK	11.42336G	53.96	74.00	-20.04	3	Horizontal	258	1.66	-
5755MHz	Pass	AV	5.7538G	102.62	Inf	-Inf	3	Vertical	99	1.74	-
5755MHz	Pass	PK	5.6434G	67.77	68.20	-0.43	3	Vertical	99	1.74	-
5755MHz	Pass	PK	5.743G	113.27	Inf	-Inf	3	Vertical	99	1.74	-
5755MHz	Pass	PK	6.0538G	60.83	68.20	-7.37	3	Vertical	99	1.74	-
5755MHz	Pass	AV	5.7586G	99.93	Inf	-Inf	3	Horizontal	332	1.50	-
5755MHz	Pass	PK	5.647G	66.71	68.20	-1.49	3	Horizontal	332	1.50	-
5755MHz	Pass	PK	5.749G	110.66	Inf	-Inf	3	Horizontal	332	1.50	-
5755MHz	Pass	PK	5.929G	60.37	68.20	-7.83	3	Horizontal	332	1.50	-
5755MHz	Pass	AV	11.50982G	45.96	54.00	-8.04	3	Vertical	184	1.19	-
5755MHz	Pass	PK	11.51894G	57.18	74.00	-16.82	3	Vertical	184	1.19	-
5755MHz	Pass	AV	11.50988G	44.78	54.00	-9.22	3	Horizontal	165	2.29	-
5755MHz	Pass	PK	11.51G	55.88	74.00	-18.12	3	Horizontal	165	2.29	-
5795MHz	Pass	AV	5.8034G	102.03	Inf	-Inf	3	Vertical	99	1.71	-
5795MHz	Pass	PK	5.6486G	66.52	68.20	-1.68	3	Vertical	99	1.71	-
5795MHz	Pass	PK	5.8034G	114.23	Inf	-Inf	3	Vertical	99	1.71	-
5795MHz	Pass	PK	5.9246G	66.27	68.50	-2.23	3	Vertical	99	1.71	-
5795MHz	Pass	AV	5.7998G	100.18	Inf	-Inf	3	Horizontal	332	1.38	-
5795MHz	Pass	PK	5.6486G	66.05	68.20	-2.15	3	Horizontal	332	1.38	-
5795MHz	Pass	PK	5.789G	111.72	Inf	-Inf	3	Horizontal	332	1.38	-
5795MHz	Pass	PK	5.9282G	63.93	68.20	-4.27	3	Horizontal	332	1.38	-
5795MHz	Pass	AV	11.58988G	46.09	54.00	-7.91	3	Vertical	182	1.00	-
5795MHz	Pass	PK	11.59G	55.48	74.00	-18.52	3	Vertical	182	1.00	-
5795MHz	Pass	AV	11.58988G	43.59	54.00	-10.41	3	Horizontal	196	1.48	-
5795MHz	Pass	PK	11.59012G	54.37	74.00	-19.63	3	Horizontal	196	1.48	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.144G	47.94	54.00	-6.06	3	Vertical	174	2.11	-
5290MHz	Pass	AV	5.298G	97.85	Inf	-Inf	3	Vertical	174	2.11	-
5290MHz	Pass	AV	5.35G	51.60	54.00	-2.40	3	Vertical	174	2.11	-
5290MHz	Pass	PK	5.141G	60.07	74.00	-13.93	3	Vertical	174	2.11	-
5290MHz	Pass	PK	5.299G	109.94	Inf	-Inf	3	Vertical	174	2.11	-
5290MHz	Pass	PK	5.493G	59.12	68.20	-9.08	3	Vertical	174	2.11	-
5290MHz	Pass	AV	5.147G	47.84	54.00	-6.16	3	Horizontal	186	2.32	-
5290MHz	Pass	AV	5.288G	96.43	Inf	-Inf	3	Horizontal	186	2.32	-
5290MHz	Pass	AV	5.358G	50.07	54.00	-3.93	3	Horizontal	186	2.32	-
5290MHz	Pass	PK	5.144G	60.65	74.00	-13.35	3	Horizontal	186	2.32	-
5290MHz	Pass	PK	5.286G	107.94	Inf	-Inf	3	Horizontal	186	2.32	-
5290MHz	Pass	PK	5.509G	59.27	68.20	-8.93	3	Horizontal	186	2.32	-
5290MHz	Pass	AV	10.6064G	41.70	54.00	-12.30	3	Vertical	29	1.50	-
5290MHz	Pass	PK	10.57008G	54.70	68.20	-13.50	3	Vertical	29	1.50	-
5290MHz	Pass	AV	10.60352G	41.67	54.00	-12.33	3	Horizontal	343	2.71	-
5290MHz	Pass	PK	10.59296G	54.04	68.20	-14.16	3	Horizontal	343	2.71	-
5530MHz	Pass	AV	5.457G	51.49	54.00	-2.51	3	Vertical	226	1.79	-
5530MHz	Pass	AV	5.538G	97.63	Inf	-Inf	3	Vertical	226	1.79	-
5530MHz	Pass	PK	5.467G	65.92	68.20	-2.28	3	Vertical	226	1.79	-
5530MHz	Pass	PK	5.527G	109.20	Inf	-Inf	3	Vertical	226	1.79	-
5530MHz	Pass	PK	5.771G	59.50	68.20	-8.70	3	Vertical	226	1.79	-
5530MHz	Pass	AV	5.452G	50.15	54.00	-3.85	3	Horizontal	184	2.28	-
5530MHz	Pass	AV	5.542G	95.16	Inf	-Inf	3	Horizontal	184	2.28	-
5530MHz	Pass	PK	5.47G	64.53	68.20	-3.67	3	Horizontal	184	2.28	-
5530MHz	Pass	PK	5.544G	106.73	Inf	-Inf	3	Horizontal	184	2.28	-



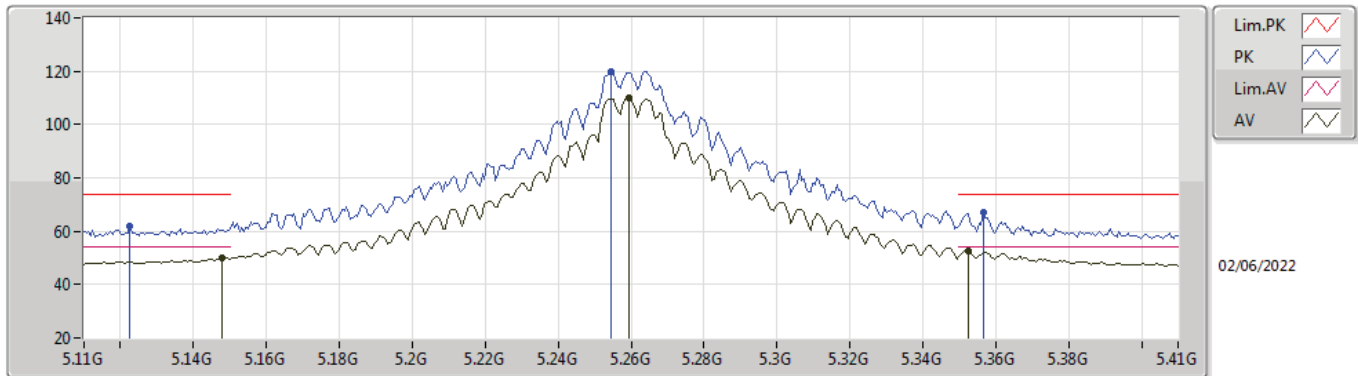
RSE TX above 1GHz_Non-Beamforming

Appendix D.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5530MHz	Pass	PK	5.769G	59.64	68.20	-8.56	3	Horizontal	184	2.28	-
5530MHz	Pass	AV	11.04128G	41.27	54.00	-12.73	3	Vertical	104	1.88	-
5530MHz	Pass	PK	11.07248G	54.31	74.00	-19.69	3	Vertical	104	1.88	-
5530MHz	Pass	AV	11.02272G	41.36	54.00	-12.64	3	Horizontal	127	2.11	-
5530MHz	Pass	PK	11.07792G	54.21	74.00	-19.79	3	Horizontal	127	2.11	-
5610MHz	Pass	AV	5.46G	51.33	54.00	-2.67	3	Vertical	230	1.71	-
5610MHz	Pass	AV	5.619G	99.77	Inf	-Inf	3	Vertical	230	1.71	-
5610MHz	Pass	PK	5.469G	65.15	68.20	-3.05	3	Vertical	230	1.71	-
5610MHz	Pass	PK	5.589G	110.96	Inf	-Inf	3	Vertical	230	1.71	-
5610MHz	Pass	PK	5.729G	66.11	68.20	-2.09	3	Vertical	230	1.71	-
5610MHz	Pass	AV	5.458G	48.42	54.00	-5.58	3	Horizontal	330	1.32	-
5610MHz	Pass	AV	5.618G	96.56	Inf	-Inf	3	Horizontal	330	1.32	-
5610MHz	Pass	PK	5.468G	60.55	68.20	-7.65	3	Horizontal	330	1.32	-
5610MHz	Pass	PK	5.629G	108.94	Inf	-Inf	3	Horizontal	330	1.32	-
5610MHz	Pass	PK	5.729G	64.09	68.20	-4.11	3	Horizontal	330	1.32	-
5610MHz	Pass	AV	11.19696G	42.07	54.00	-11.93	3	Vertical	259	2.20	-
5610MHz	Pass	PK	11.19392G	55.22	74.00	-18.78	3	Vertical	259	2.20	-
5610MHz	Pass	AV	11.18992G	42.04	54.00	-11.96	3	Horizontal	37	1.49	-
5610MHz	Pass	PK	11.20208G	54.29	74.00	-19.71	3	Horizontal	37	1.49	-
5690MHz	Pass	AV	5.4584G	53.64	54.00	-0.36	3	Vertical	229	1.85	-
5690MHz	Pass	AV	5.6696G	101.71	Inf	-Inf	3	Vertical	229	1.85	-
5690MHz	Pass	PK	5.468G	65.10	68.20	-3.10	3	Vertical	229	1.85	-
5690MHz	Pass	PK	5.678G	113.17	Inf	-Inf	3	Vertical	229	1.85	-
5690MHz	Pass	PK	5.8616G	66.39	68.20	-1.81	3	Vertical	229	1.85	-
5690MHz	Pass	AV	5.456G	49.83	54.00	-4.17	3	Horizontal	330	1.00	-
5690MHz	Pass	AV	5.6888G	99.02	Inf	-Inf	3	Horizontal	330	1.00	-
5690MHz	Pass	PK	5.4656G	63.02	68.20	-5.18	3	Horizontal	330	1.00	-
5690MHz	Pass	PK	5.6888G	111.29	Inf	-Inf	3	Horizontal	330	1.00	-
5690MHz	Pass	PK	5.8508G	66.98	68.20	-1.22	3	Horizontal	330	1.00	-
5690MHz	Pass	AV	11.37984G	42.97	54.00	-11.03	3	Vertical	170	1.27	-
5690MHz	Pass	PK	11.37408G	55.43	74.00	-18.57	3	Vertical	170	1.27	-
5690MHz	Pass	AV	11.37984G	42.82	54.00	-11.18	3	Horizontal	92	2.50	-
5690MHz	Pass	PK	11.3608G	55.11	74.00	-18.89	3	Horizontal	92	2.50	-
5775MHz	Pass	AV	5.7606G	97.05	Inf	-Inf	3	Vertical	228	1.73	-
5775MHz	Pass	PK	5.649G	66.67	68.20	-1.53	3	Vertical	228	1.73	-
5775MHz	Pass	PK	5.7618G	107.75	Inf	-Inf	3	Vertical	228	1.73	-
5775MHz	Pass	PK	5.9454G	61.22	68.20	-6.98	3	Vertical	228	1.73	-
5775MHz	Pass	AV	5.7618G	96.93	Inf	-Inf	3	Horizontal	143	1.96	-
5775MHz	Pass	PK	5.6514G	65.71	69.24	-3.53	3	Horizontal	143	1.96	-
5775MHz	Pass	PK	5.7714G	109.40	Inf	-Inf	3	Horizontal	143	1.96	-
5775MHz	Pass	PK	5.9658G	61.08	68.20	-7.12	3	Horizontal	143	1.96	-
5775MHz	Pass	AV	11.54984G	45.85	54.00	-8.15	3	Vertical	186	1.22	-
5775MHz	Pass	PK	11.55G	55.62	74.00	-18.38	3	Vertical	186	1.22	-
5775MHz	Pass	AV	11.54984G	43.78	54.00	-10.22	3	Horizontal	148	2.10	-
5775MHz	Pass	PK	11.51192G	55.01	74.00	-18.99	3	Horizontal	148	2.10	-

802.11a_Nss1,(6Mbps)_2TX

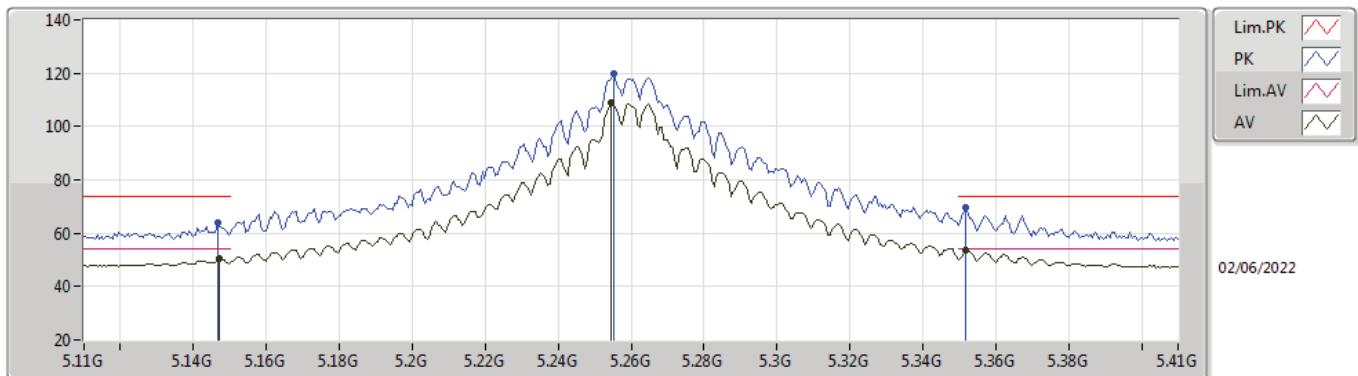
5260MHz_TX



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	5.1478G	49.94	54.00	-4.06	8.90	3	Vertical	172	2.03	-	41.04	33.20	9.83	34.13
AV	5.2594G	110.11	Inf	-Inf	8.67	3	Vertical	172	2.03	-	101.44	32.92	9.90	34.15
AV	5.3524G	52.83	54.00	-1.17	8.51	3	Vertical	172	2.03	-	44.32	32.70	9.97	34.16
PK	5.1226G	61.76	74.00	-12.24	8.90	3	Vertical	172	2.03	-	52.86	33.20	9.82	34.12
PK	5.2546G	119.93	Inf	-Inf	8.66	3	Vertical	172	2.03	-	111.27	32.91	9.90	34.15
PK	5.3566G	66.99	74.00	-7.01	8.52	3	Vertical	172	2.03	-	58.47	32.71	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

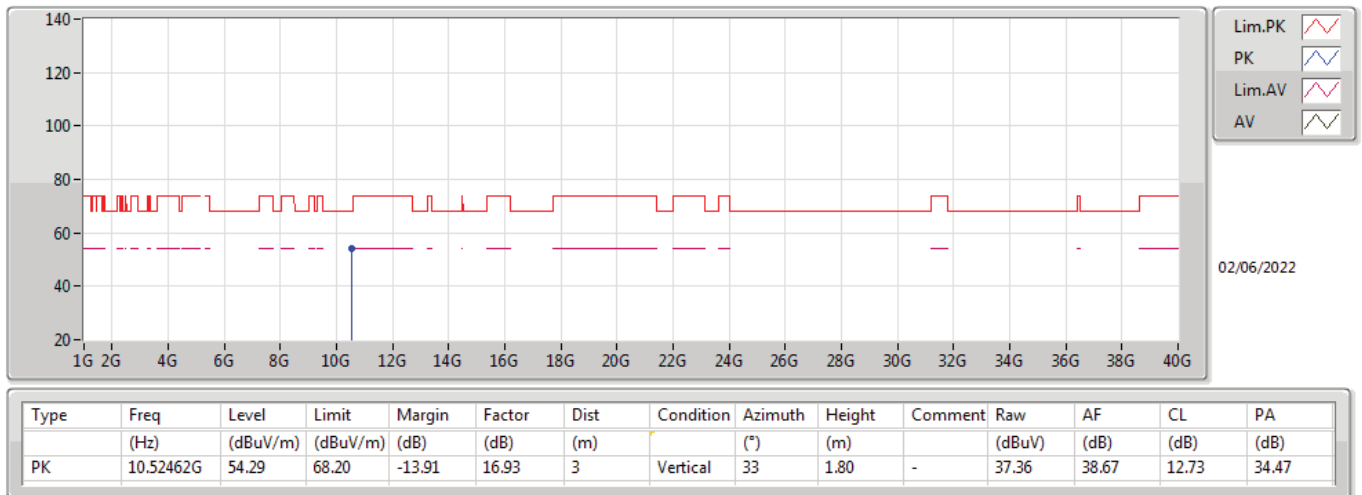
5260MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	50.49	54.00	-3.51	8.90	3	Horizontal	158	1.98	-	41.59	33.20	9.83	34.13
AV	5.2546G	108.74	Inf	-Inf	8.66	3	Horizontal	158	1.98	-	100.08	32.91	9.90	34.15
AV	5.3518G	53.71	54.00	-0.29	8.51	3	Horizontal	158	1.98	-	45.20	32.70	9.97	34.16
PK	5.1466G	63.84	74.00	-10.16	8.90	3	Horizontal	158	1.98	-	54.94	33.20	9.83	34.13
PK	5.2552G	119.70	Inf	-Inf	8.66	3	Horizontal	158	1.98	-	111.04	32.91	9.90	34.15
PK	5.3518G	69.59	74.00	-4.41	8.51	3	Horizontal	158	1.98	-	61.08	32.70	9.97	34.16

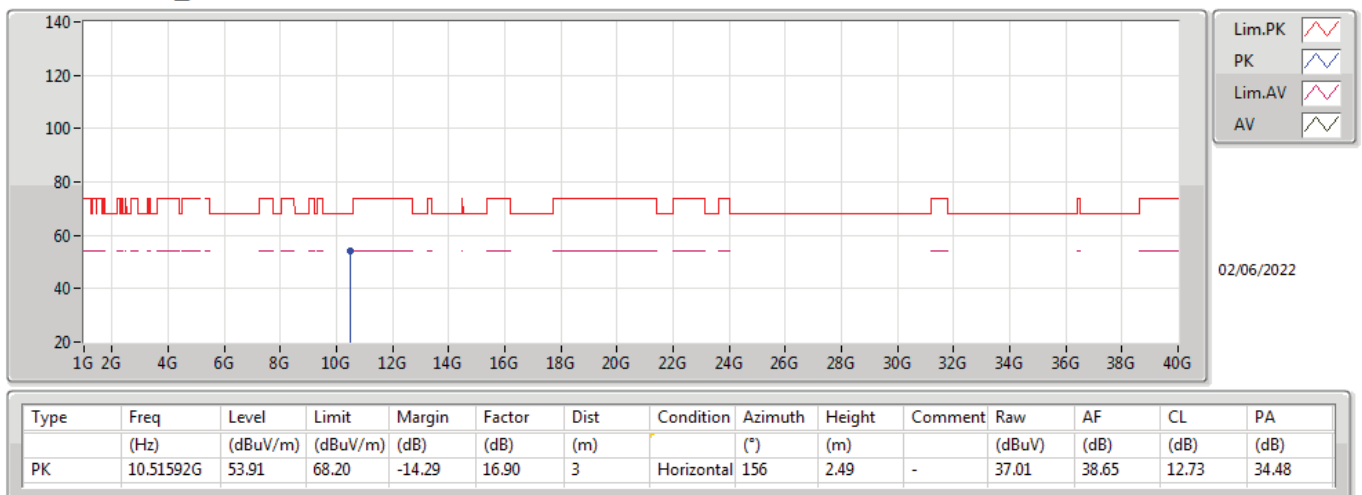
802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX



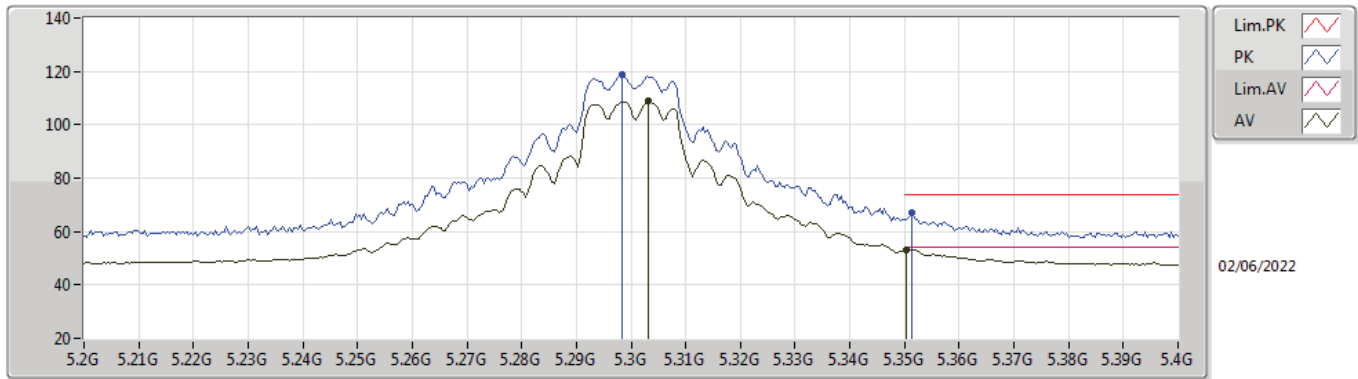
802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX



802.11a_Nss1,(6Mbps)_2TX

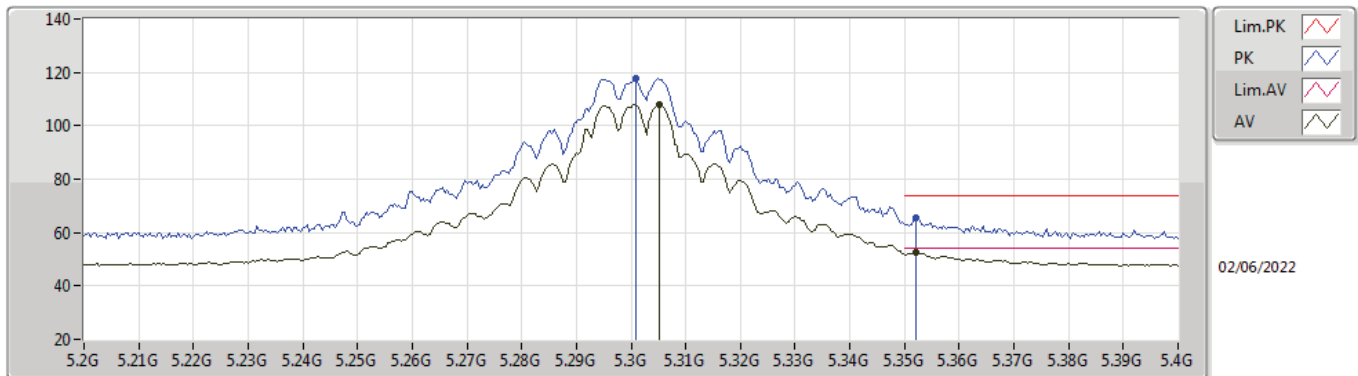
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3032G	108.75	Inf	-Inf	8.76	3	Vertical	170	1.50	-	99.99	32.98	9.93	34.15
AV	5.3504G	53.36	54.00	-0.64	8.51	3	Vertical	170	1.50	-	44.85	32.70	9.97	34.16
PK	5.2984G	118.95	Inf	-Inf	8.78	3	Vertical	170	1.50	-	110.17	33.00	9.93	34.15
PK	5.3512G	67.00	74.00	-7.00	8.51	3	Vertical	170	1.50	-	58.49	32.70	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

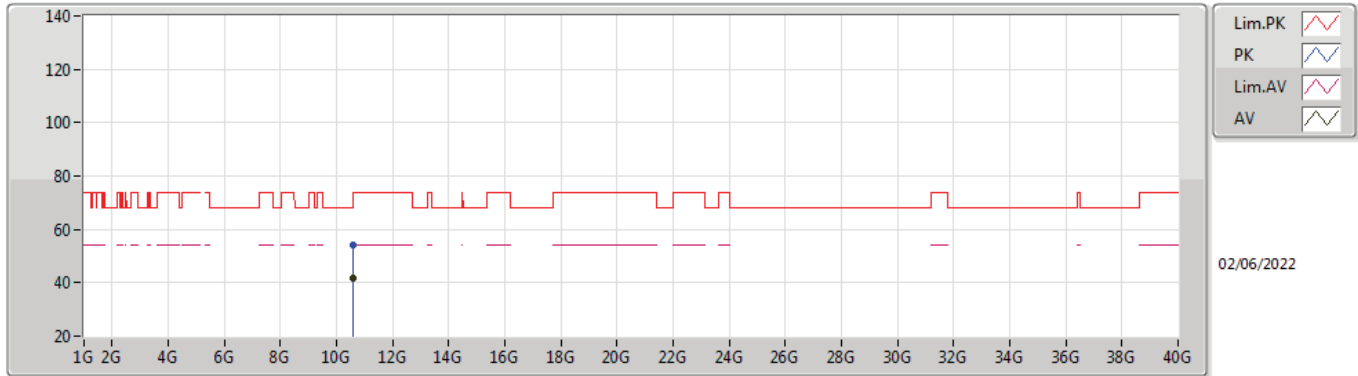
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.3052G	107.91	Inf	-Inf	8.75	3	Horizontal	160	1.99	-	99.16	32.97	9.93	34.15
AV	5.352G	52.75	54.00	-1.25	8.51	3	Horizontal	160	1.99	-	44.24	32.70	9.97	34.16
PK	5.3008G	117.73	Inf	-Inf	8.78	3	Horizontal	160	1.99	-	108.95	33.00	9.93	34.15
PK	5.352G	65.71	74.00	-8.29	8.51	3	Horizontal	160	1.99	-	57.20	32.70	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

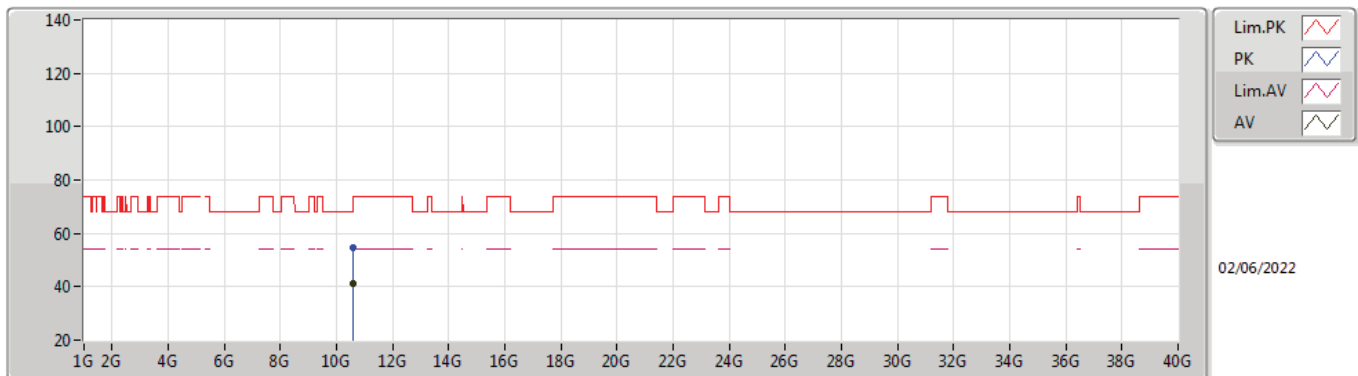
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60016G	41.58	54.00	-12.42	17.26	3	Vertical	0	1.30	-	24.32	38.90	12.76	34.40
PK	10.59546G	54.18	68.20	-14.02	17.25	3	Vertical	0	1.30	-	36.93	38.89	12.76	34.40

802.11a_Nss1,(6Mbps)_2TX

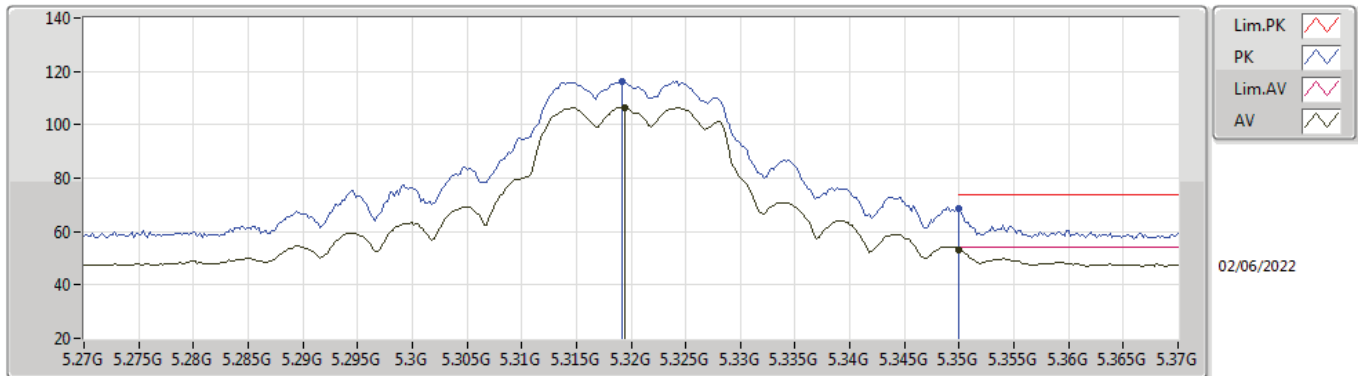
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60442G	41.05	54.00	-12.95	17.27	3	Horizontal	0	1.09	-	23.78	38.90	12.77	34.40
PK	10.60382G	54.44	74.00	-19.56	17.27	3	Horizontal	0	1.09	-	37.17	38.90	12.77	34.40

802.11a_Nss1,(6Mbps)_2TX

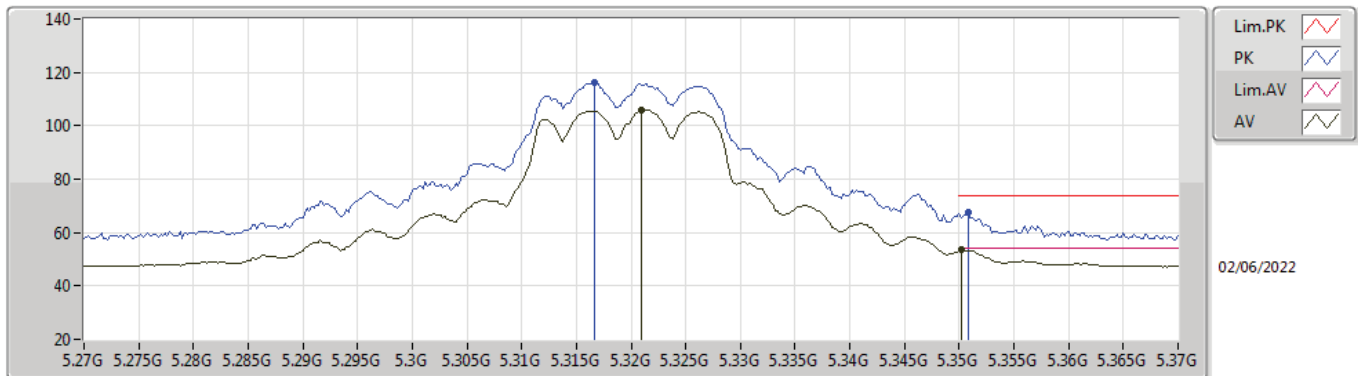
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3194G	106.63	Inf	-Inf	8.66	3	Vertical	172	1.99	-	97.97	32.88	9.94	34.16
AV	5.35G	53.27	54.00	-0.73	8.51	3	Vertical	172	1.99	-	44.76	32.70	9.97	34.16
PK	5.3192G	116.31	Inf	-Inf	8.66	3	Vertical	172	1.99	-	107.65	32.88	9.94	34.16
PK	5.35G	68.49	74.00	-5.51	8.51	3	Vertical	172	1.99	-	59.98	32.70	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

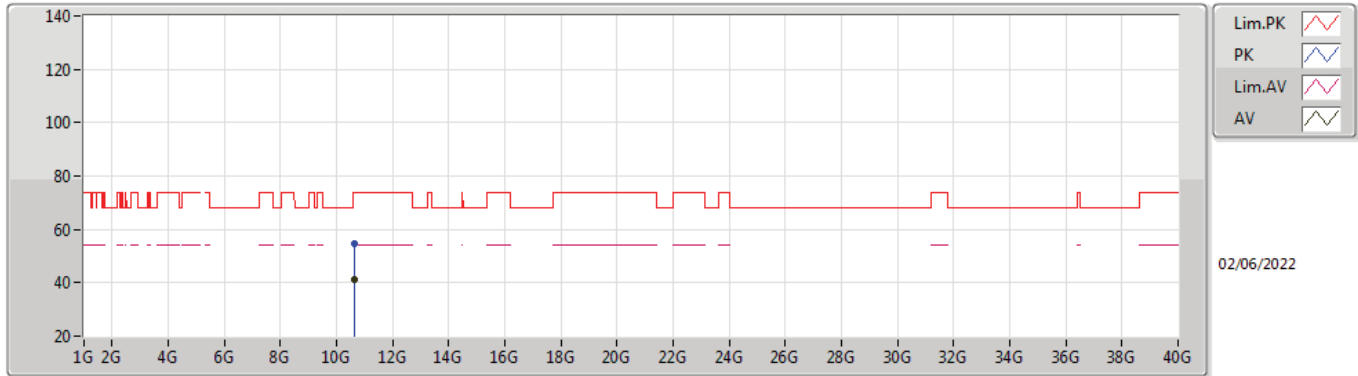
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.321G	105.94	Inf	-Inf	8.65	3	Horizontal	164	2.00	-	97.29	32.87	9.94	34.16
AV	5.3502G	53.60	54.00	-0.40	8.51	3	Horizontal	164	2.00	-	45.09	32.70	9.97	34.16
PK	5.3166G	116.25	Inf	-Inf	8.68	3	Horizontal	164	2.00	-	107.57	32.90	9.94	34.16
PK	5.3508G	67.78	74.00	-6.22	8.51	3	Horizontal	164	2.00	-	59.27	32.70	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

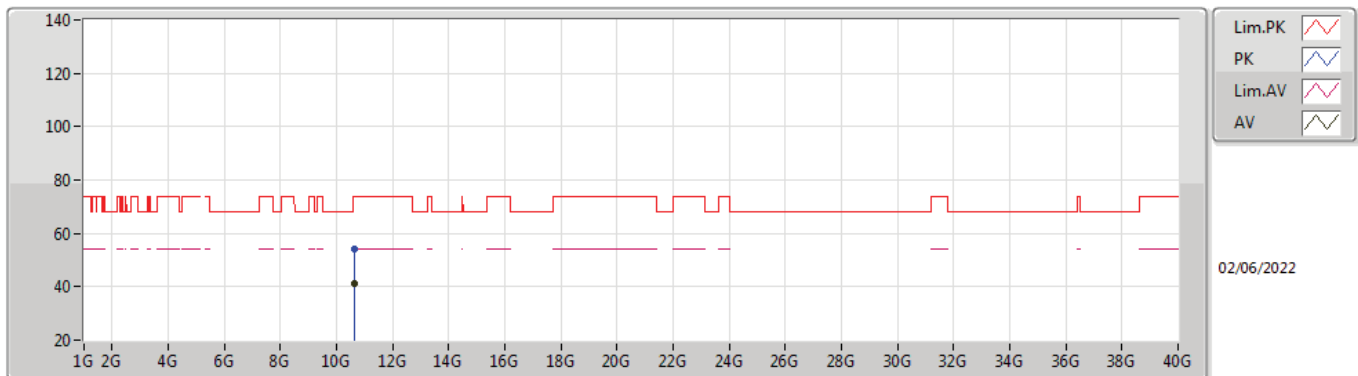
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64432G	41.34	54.00	-12.66	17.28	3	Vertical	170	1.62	-	24.06	38.86	12.78	34.36
PK	10.63922G	54.69	74.00	-19.31	17.28	3	Vertical	170	1.62	-	37.41	38.86	12.78	34.36

802.11a_Nss1,(6Mbps)_2TX

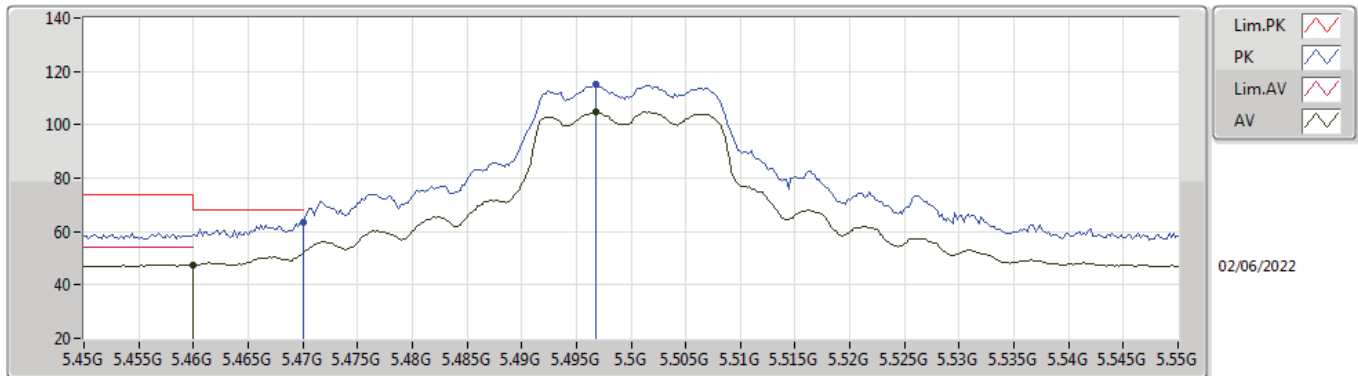
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.64052G	41.27	54.00	-12.73	17.28	3	Horizontal	0	1.62	-	23.99	38.86	12.78	34.36
PK	10.64438G	54.29	74.00	-19.71	17.28	3	Horizontal	0	1.62	-	37.01	38.86	12.78	34.36

802.11a_Nss1,(6Mbps)_2TX

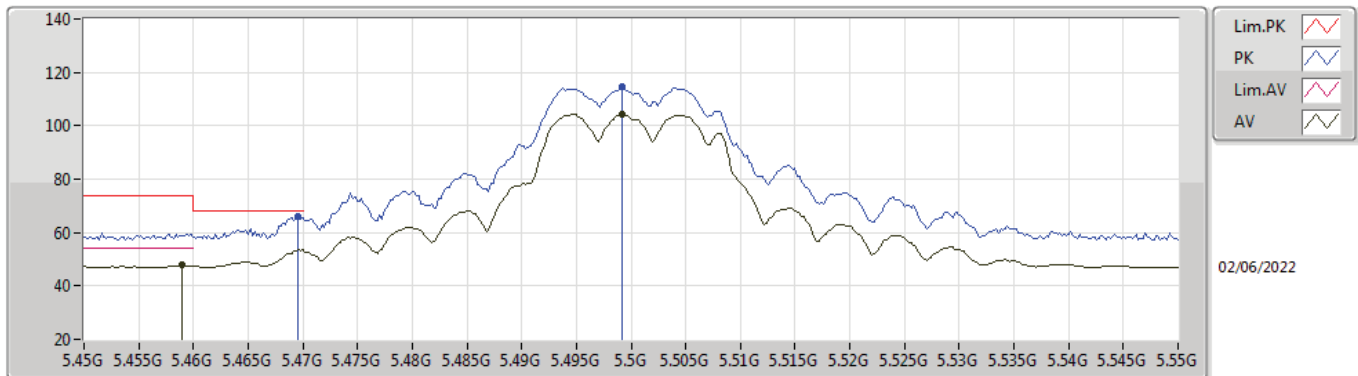
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	47.60	54.00	-6.40	8.76	3	Vertical	163	1.50	-	38.84	32.92	10.02	34.18
AV	5.4968G	104.65	Inf	-Inf	8.83	3	Vertical	163	1.50	-	95.82	32.99	10.03	34.19
PK	5.47G	63.41	68.20	-4.79	8.78	3	Vertical	163	1.50	-	54.63	32.94	10.02	34.18
PK	5.4968G	115.22	Inf	-Inf	8.83	3	Vertical	163	1.50	-	106.39	32.99	10.03	34.19

802.11a_Nss1,(6Mbps)_2TX

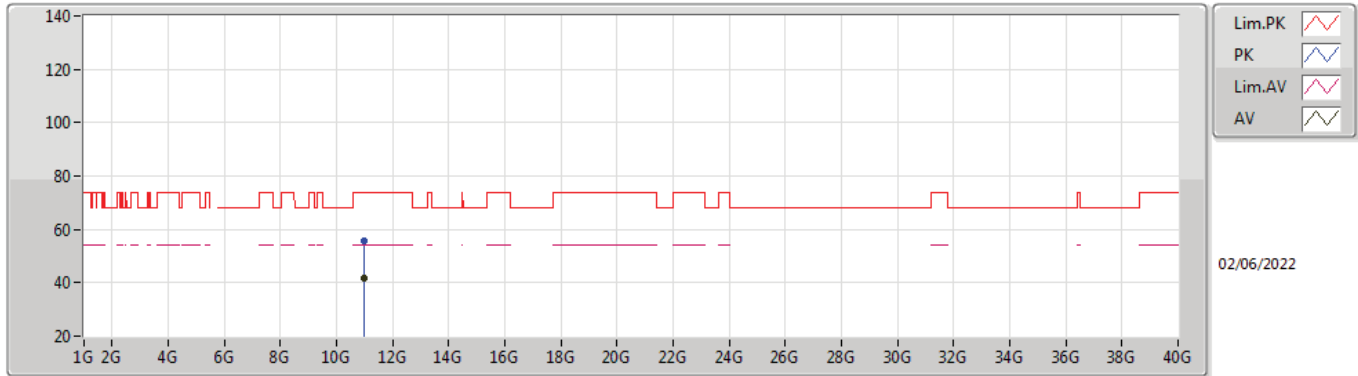
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.459G	47.82	54.00	-6.18	8.76	3	Horizontal	186	2.24	-	39.06	32.92	10.02	34.18
AV	5.4992G	104.29	Inf	-Inf	8.84	3	Horizontal	186	2.24	-	95.45	33.00	10.03	34.19
PK	5.4696G	66.20	68.20	-2.00	8.78	3	Horizontal	186	2.24	-	57.42	32.94	10.02	34.18
PK	5.4992G	114.43	Inf	-Inf	8.84	3	Horizontal	186	2.24	-	105.59	33.00	10.03	34.19

802.11a_Nss1,(6Mbps)_2TX

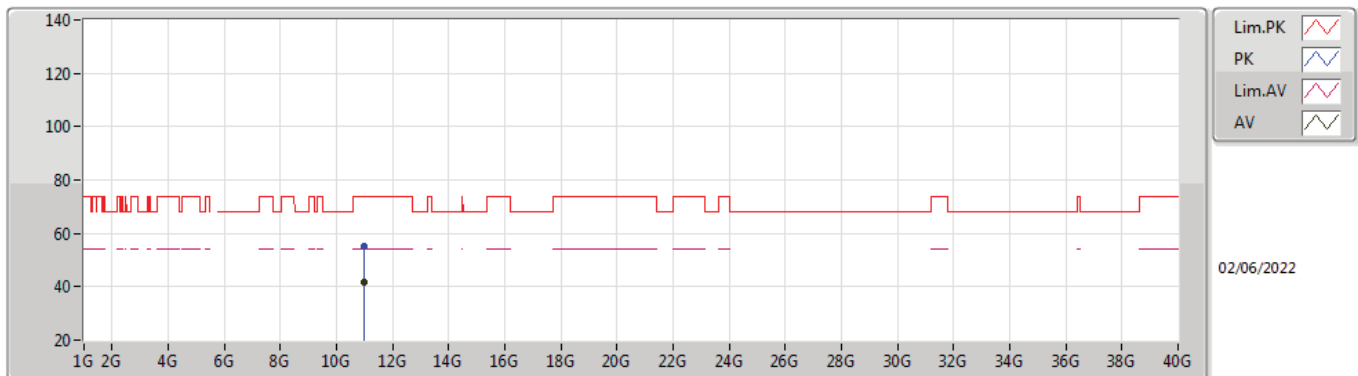
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99996G	41.92	54.00	-12.08	17.68	3	Vertical	171	1.62	-	24.24	38.80	12.92	34.04
PK	11.00328G	55.91	74.00	-18.09	17.68	3	Vertical	171	1.62	-	38.23	38.80	12.92	34.04

802.11a_Nss1,(6Mbps)_2TX

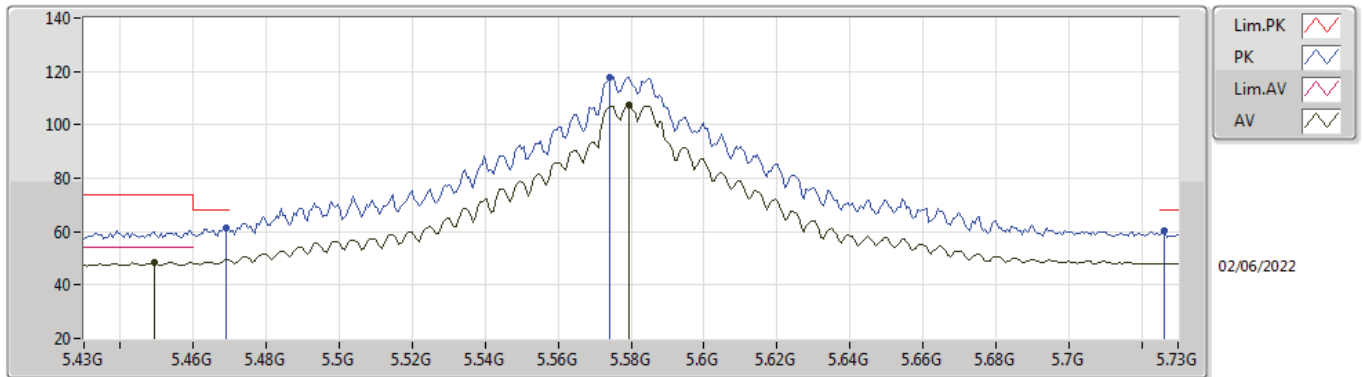
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.9995G	41.61	54.00	-12.39	17.68	3	Horizontal	145	2.10	-	23.93	38.80	12.92	34.04
PK	10.99942G	54.95	74.00	-19.05	17.68	3	Horizontal	145	2.10	-	37.27	38.80	12.92	34.04

802.11a_Nss1,(6Mbps)_2TX

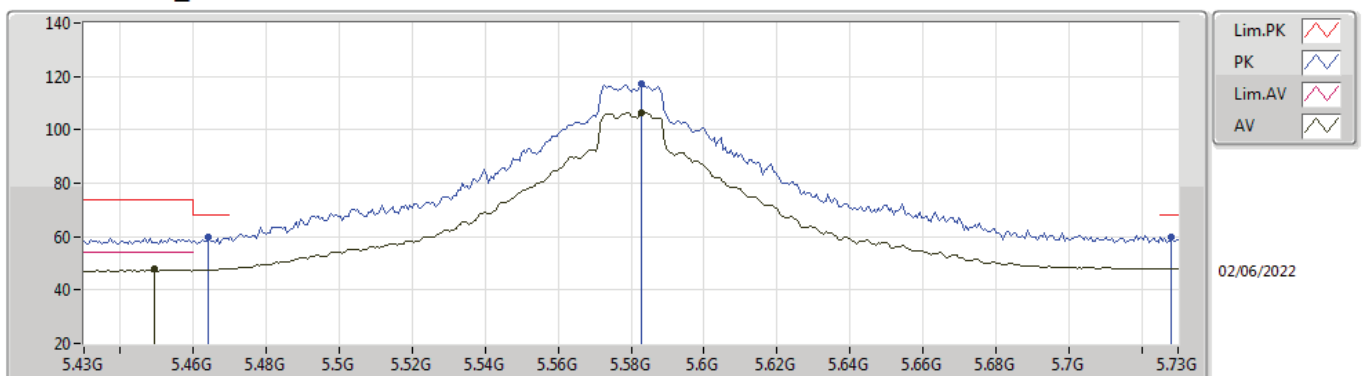
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4492G	48.28	54.00	-5.72	8.74	3	Vertical	208	1.50	-	39.54	32.90	10.02	34.18
AV	5.5794G	107.47	Inf	-Inf	8.85	3	Vertical	208	1.50	-	98.62	32.98	10.06	34.19
PK	5.469G	61.63	68.20	-6.57	8.78	3	Vertical	208	1.50	-	52.85	32.94	10.02	34.18
PK	5.574G	117.73	Inf	-Inf	8.81	3	Vertical	208	1.50	-	108.92	32.94	10.06	34.19
PK	5.7264G	60.11	68.20	-8.09	9.50	3	Vertical	208	1.50	-	50.61	33.56	10.14	34.20

802.11a_Nss1,(6Mbps)_2TX

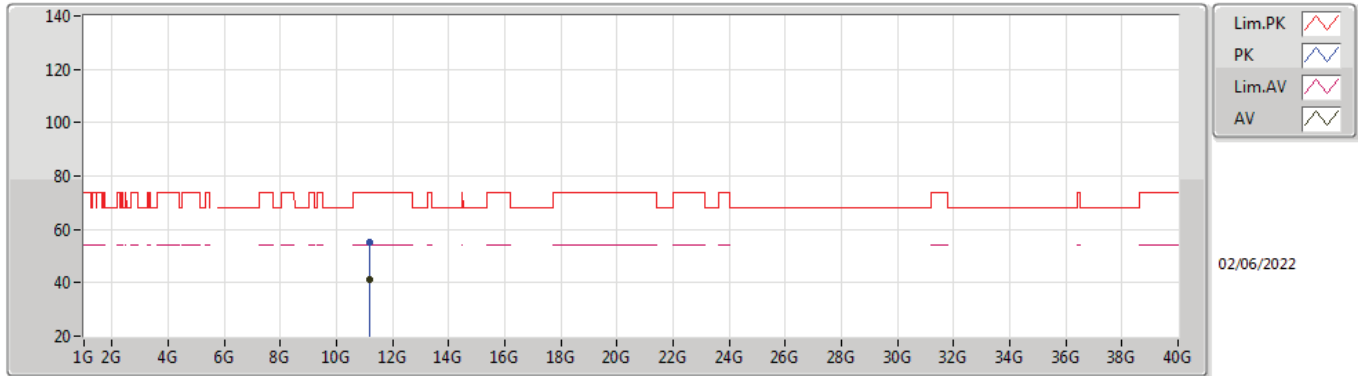
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4492G	47.76	54.00	-6.24	8.74	3	Horizontal	328	1.80	-	39.02	32.90	10.02	34.18
AV	5.583G	106.63	Inf	-Inf	8.87	3	Horizontal	328	1.80	-	97.76	33.00	10.06	34.19
PK	5.4642G	59.59	68.20	-8.61	8.77	3	Horizontal	328	1.80	-	50.82	32.93	10.02	34.18
PK	5.583G	117.24	Inf	-Inf	8.87	3	Horizontal	328	1.80	-	108.37	33.00	10.06	34.19
PK	5.7282G	59.70	68.20	-8.50	9.51	3	Horizontal	328	1.80	-	50.19	33.57	10.14	34.20

802.11a_Nss1,(6Mbps)_2TX

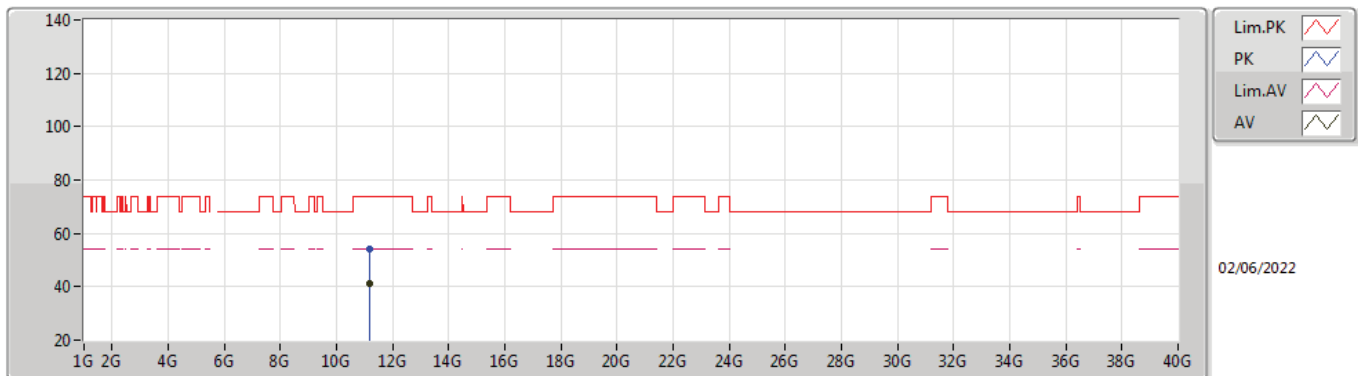
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16326G	41.27	54.00	-12.73	17.79	3	Vertical	175	1.65	-	23.48	38.86	12.98	34.05
PK	11.15734G	55.05	74.00	-18.95	17.79	3	Vertical	175	1.65	-	37.26	38.86	12.98	34.05

802.11a_Nss1,(6Mbps)_2TX

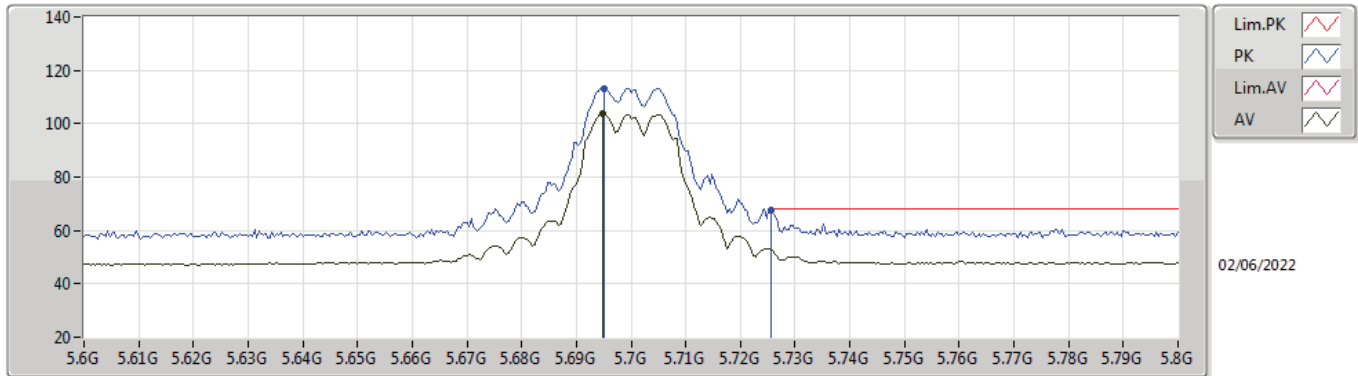
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.16064G	41.35	54.00	-12.65	17.79	3	Horizontal	185	1.50	-	23.56	38.86	12.98	34.05
PK	11.16344G	54.32	74.00	-19.68	17.79	3	Horizontal	185	1.50	-	36.53	38.86	12.98	34.05

802.11a_Nss1,(6Mbps)_2TX

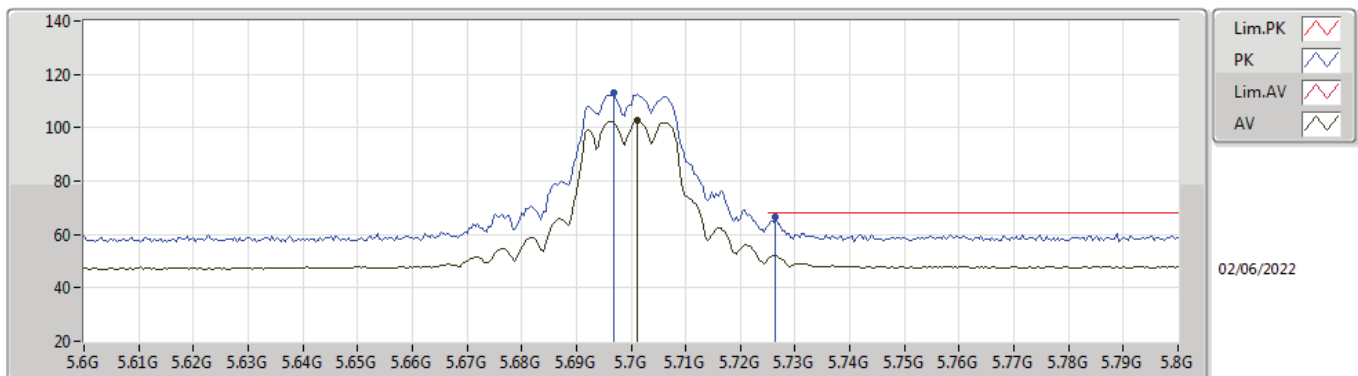
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6948G	103.76	Inf	-Inf	9.31	3	Vertical	180	1.48	-	94.45	33.39	10.12	34.20
PK	5.6952G	113.23	Inf	-Inf	9.31	3	Vertical	180	1.48	-	103.92	33.39	10.12	34.20
PK	5.7256G	67.46	68.20	-0.74	9.49	3	Vertical	180	1.48	-	57.97	33.55	10.14	34.20

802.11a_Nss1,(6Mbps)_2TX

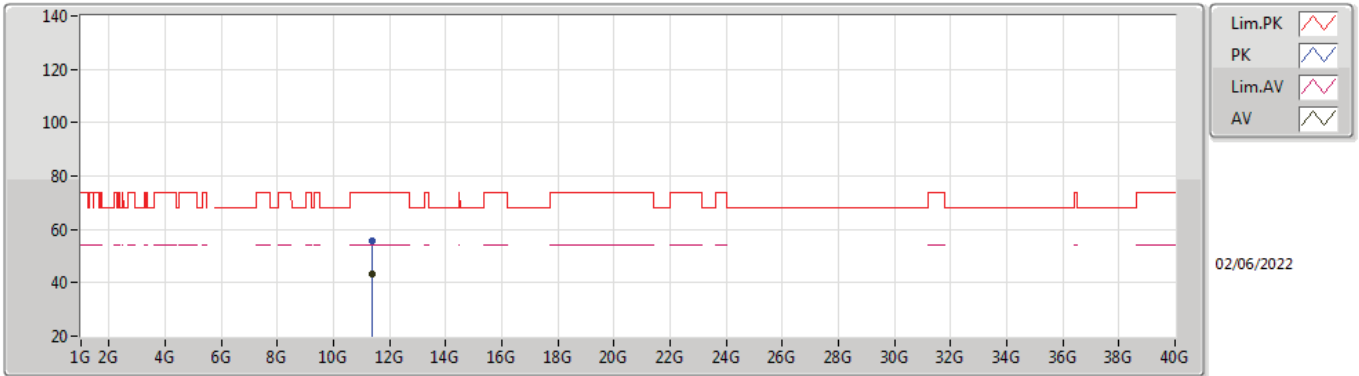
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7012G	102.87	Inf	-Inf	9.34	3	Horizontal	184	1.94	-	93.53	33.41	10.13	34.20
PK	5.6968G	112.94	Inf	-Inf	9.31	3	Horizontal	184	1.94	-	103.63	33.39	10.12	34.20
PK	5.7264G	66.38	68.20	-1.82	9.50	3	Horizontal	184	1.94	-	56.88	33.56	10.14	34.20

802.11a_Nss1,(6Mbps)_2TX

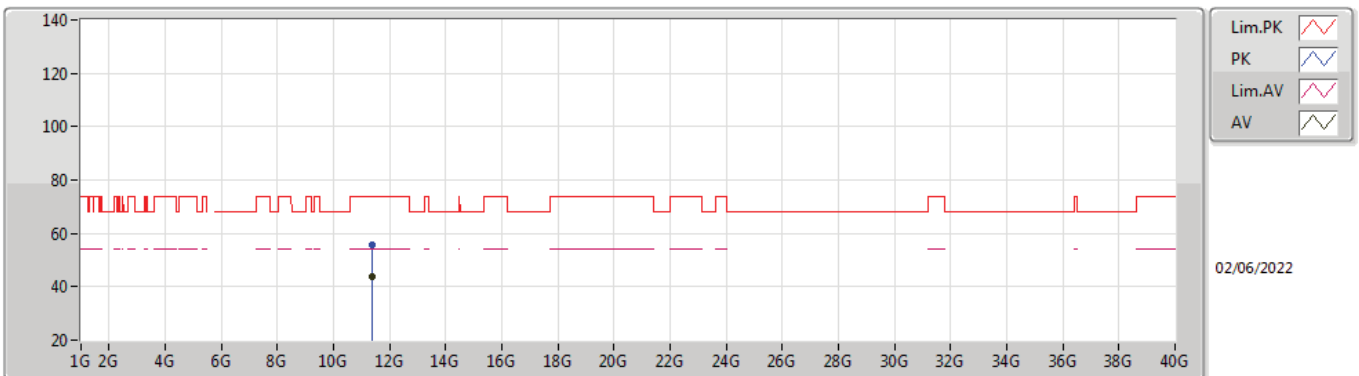
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39986G	43.48	54.00	-10.52	18.12	3	Vertical	185	1.50	-	25.36	39.10	13.08	34.06
PK	11.39626G	55.53	74.00	-18.47	18.11	3	Vertical	185	1.50	-	37.42	39.10	13.07	34.06

802.11a_Nss1,(6Mbps)_2TX

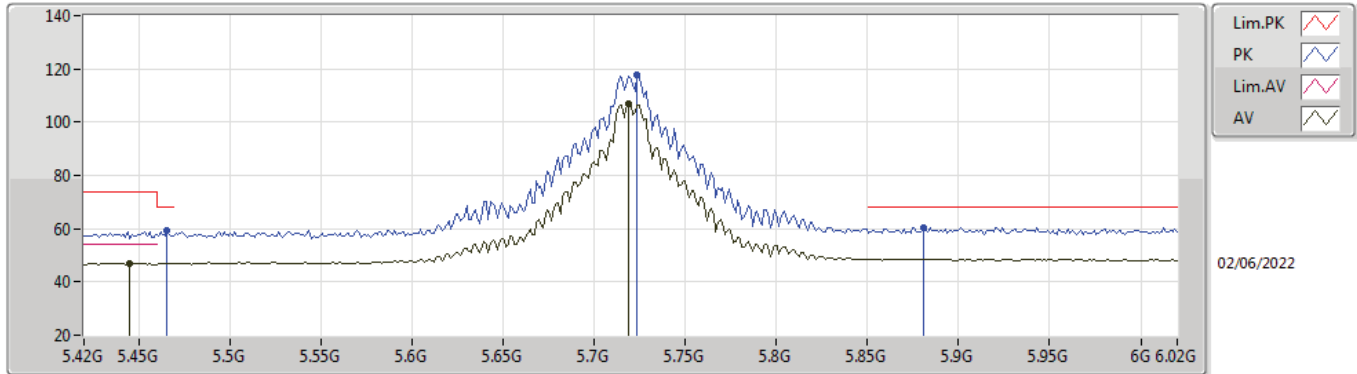
5700MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.39978G	44.03	54.00	-9.97	18.12	3	Horizontal	184	1.12	-	25.91	39.10	13.08	34.06
PK	11.39974G	55.75	74.00	-18.25	18.12	3	Horizontal	184	1.12	-	37.63	39.10	13.08	34.06

802.11a_Nss1,(6Mbps)_2TX

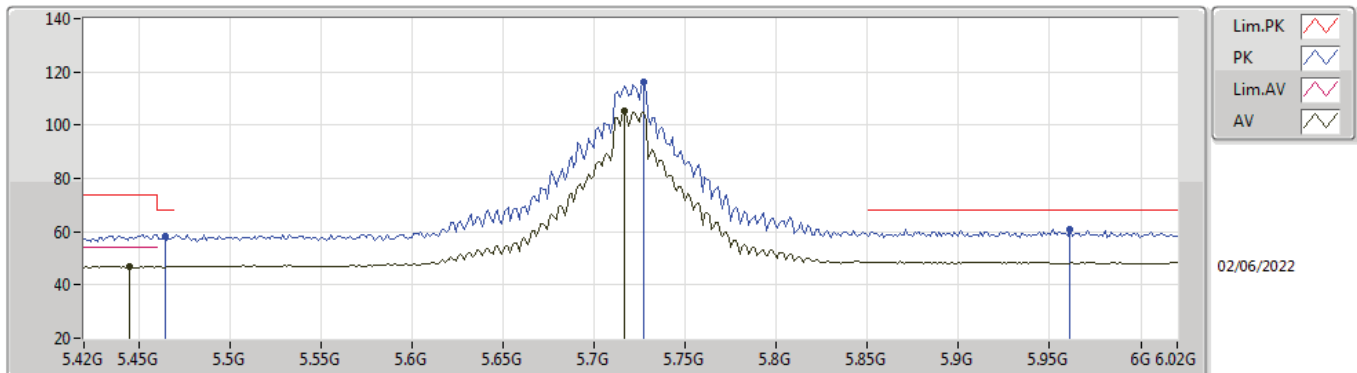
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4452G	47.10	54.00	-6.90	8.73	3	Vertical	96	1.50	-	38.37	32.89	10.02	34.18
AV	5.7188G	107.12	Inf	-Inf	9.45	3	Vertical	96	1.50	-	97.67	33.51	10.14	34.20
PK	5.4656G	59.11	68.20	-9.09	8.77	3	Vertical	96	1.50	-	50.34	32.93	10.02	34.18
PK	5.7236G	117.59	Inf	-Inf	9.48	3	Vertical	96	1.50	-	108.11	33.54	10.14	34.20
PK	5.8808G	60.56	68.20	-7.64	10.13	3	Vertical	96	1.50	-	50.43	34.10	10.24	34.21

802.11a_Nss1,(6Mbps)_2TX

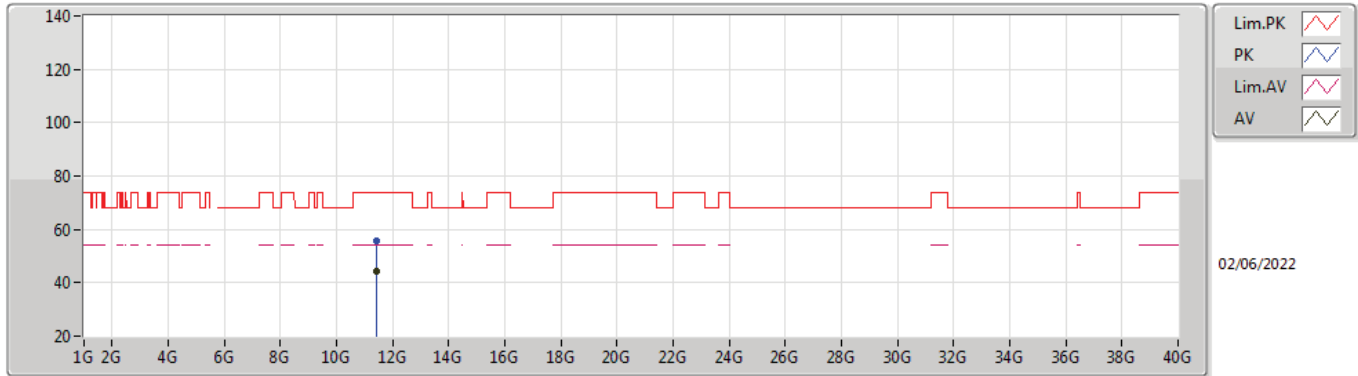
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4452G	46.99	54.00	-7.01	8.73	3	Horizontal	330	1.11	-	38.26	32.89	10.02	34.18
AV	5.7164G	105.12	Inf	-Inf	9.43	3	Horizontal	330	1.11	-	95.69	33.50	10.13	34.20
PK	5.4644G	58.27	68.20	-9.93	8.77	3	Horizontal	330	1.11	-	49.50	32.93	10.02	34.18
PK	5.7272G	116.35	Inf	-Inf	9.50	3	Horizontal	330	1.11	-	106.85	33.56	10.14	34.20
PK	5.9612G	61.09	68.20	-7.11	10.31	3	Horizontal	330	1.11	-	50.78	34.23	10.30	34.22

802.11a_Nss1,(6Mbps)_2TX

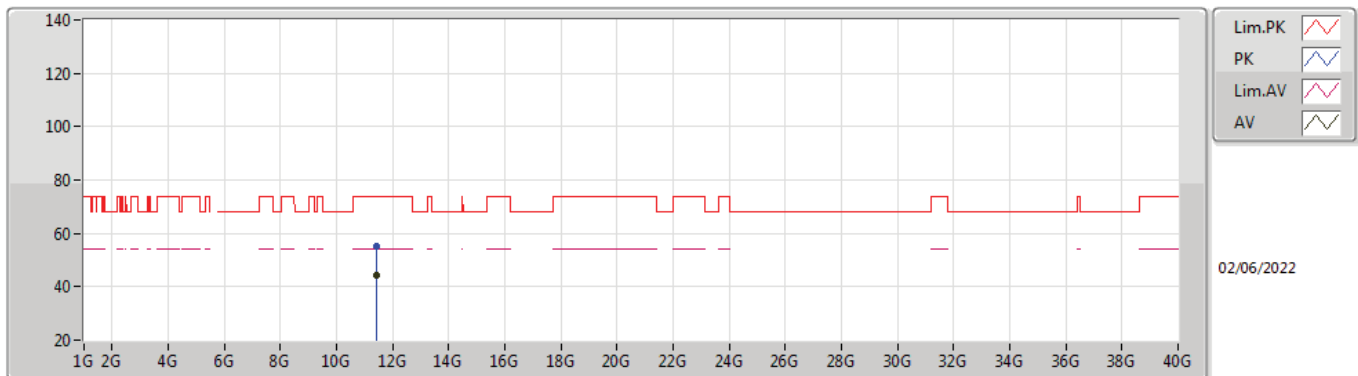
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43984G	44.56	54.00	-9.44	18.05	3	Vertical	184	1.49	-	26.51	39.02	13.09	34.06
PK	11.43968G	55.51	74.00	-18.49	18.05	3	Vertical	184	1.49	-	37.46	39.02	13.09	34.06

802.11a_Nss1,(6Mbps)_2TX

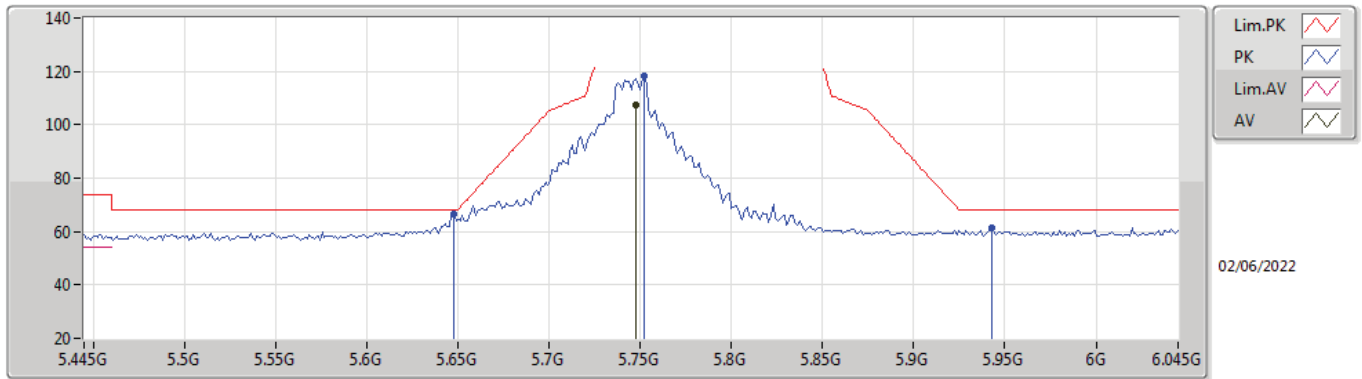
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43988G	44.15	54.00	-9.85	18.05	3	Horizontal	184	1.06	-	26.10	39.02	13.09	34.06
PK	11.43588G	55.22	74.00	-18.78	18.06	3	Horizontal	184	1.06	-	37.16	39.03	13.09	34.06

802.11a_Nss1,(6Mbps)_2TX

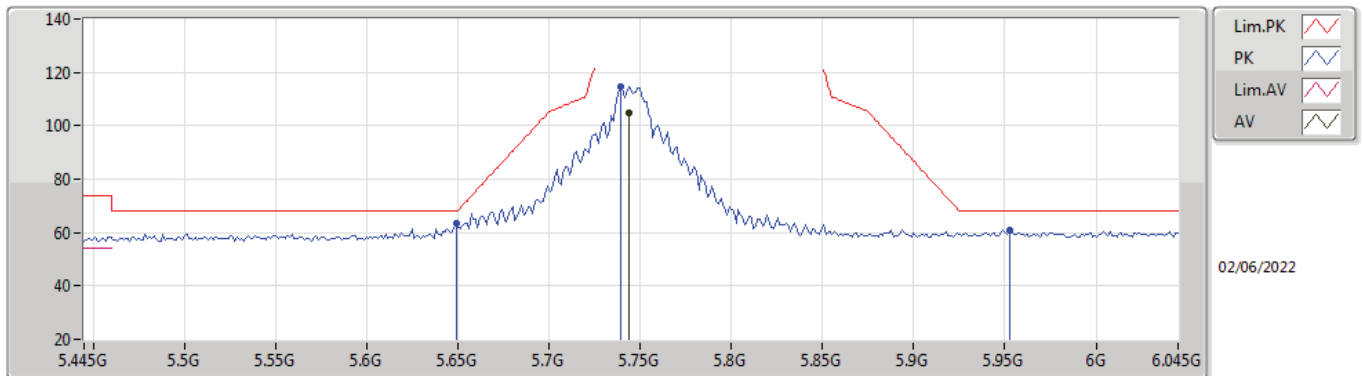
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7474G	107.25	Inf	-Inf	9.63	3	Vertical	352	1.86	-	97.62	33.68	10.15	34.20
PK	5.6478G	66.39	68.20	-1.81	9.19	3	Vertical	352	1.86	-	57.20	33.29	10.10	34.20
PK	5.7522G	118.43	Inf	-Inf	9.64	3	Vertical	352	1.86	-	108.79	33.70	10.15	34.21
PK	5.943G	61.35	68.20	-6.85	10.34	3	Vertical	352	1.86	-	51.01	34.27	10.29	34.22

802.11a_Nss1,(6Mbps)_2TX

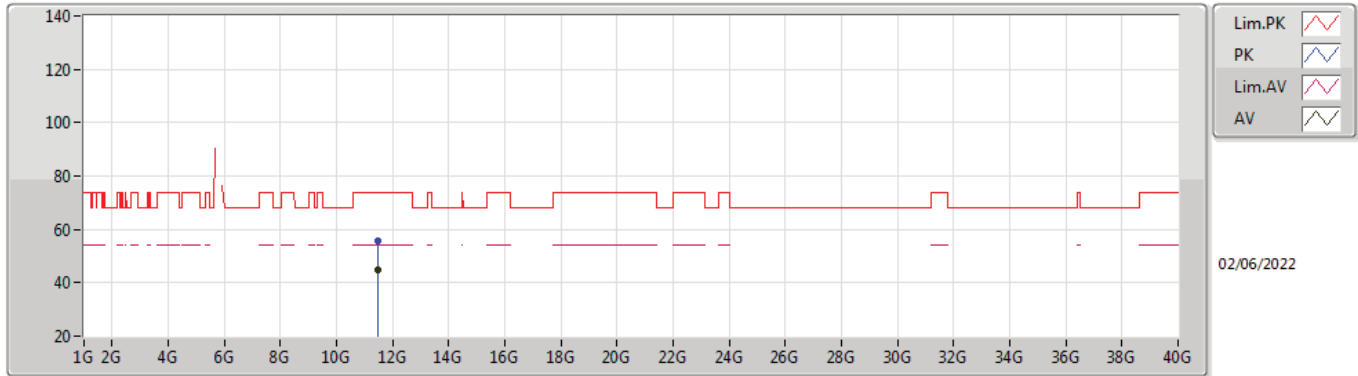
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7438G	104.62	Inf	-Inf	9.61	3	Horizontal	331	1.28	-	95.01	33.66	10.15	34.20
PK	5.649G	63.41	68.20	-4.79	9.20	3	Horizontal	331	1.28	-	54.21	33.30	10.10	34.20
PK	5.739G	114.64	Inf	-Inf	9.58	3	Horizontal	331	1.28	-	105.06	33.63	10.15	34.20
PK	5.9526G	60.85	68.20	-7.35	10.35	3	Horizontal	331	1.28	-	50.50	34.28	10.29	34.22

802.11a_Nss1,(6Mbps)_2TX

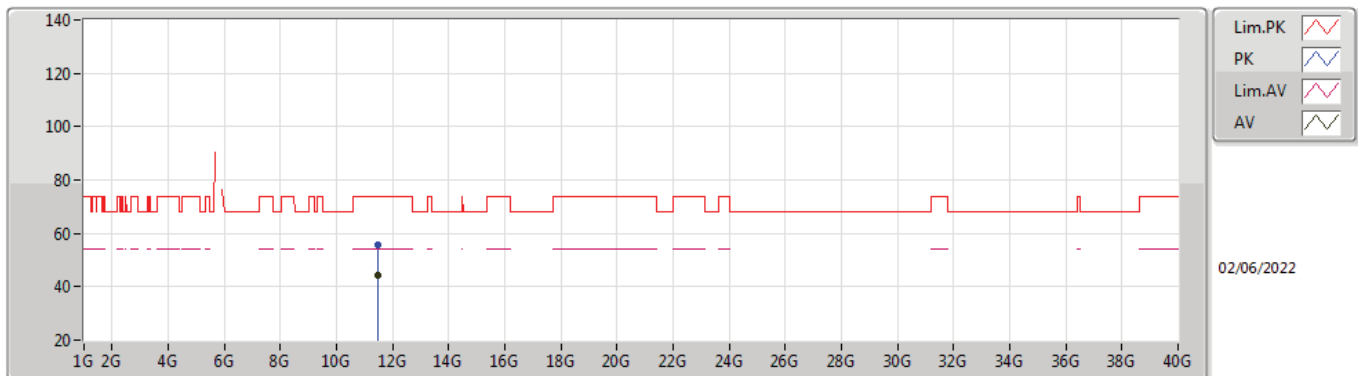
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48984G	44.73	54.00	-9.27	17.97	3	Vertical	185	1.50	-	26.76	38.92	13.11	34.06
PK	11.48084G	55.46	74.00	-18.54	17.99	3	Vertical	185	1.50	-	37.47	38.94	13.11	34.06

802.11a_Nss1,(6Mbps)_2TX

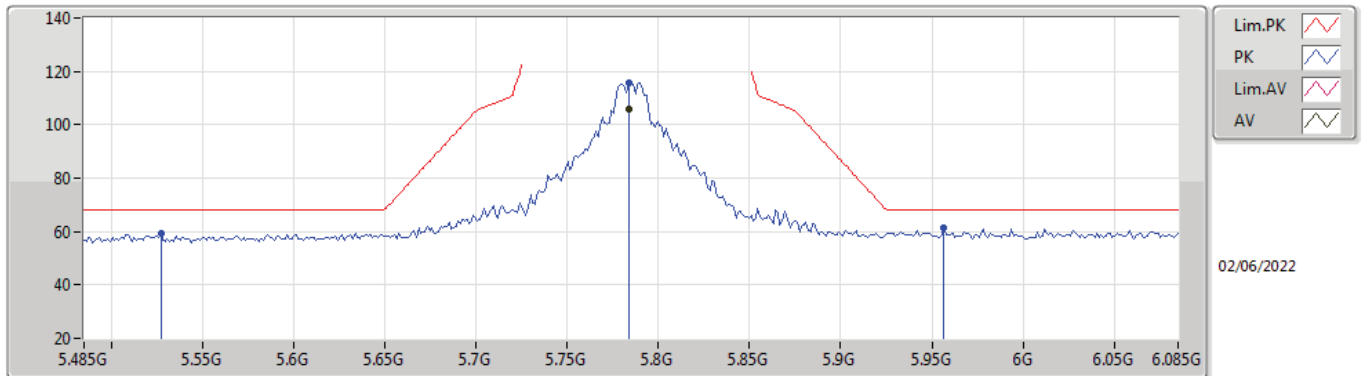
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48992G	44.31	54.00	-9.69	17.97	3	Horizontal	185	2.58	-	26.34	38.92	13.11	34.06
PK	11.48992G	55.72	74.00	-18.28	17.97	3	Horizontal	185	2.58	-	37.75	38.92	13.11	34.06

802.11a_Nss1,(6Mbps)_2TX

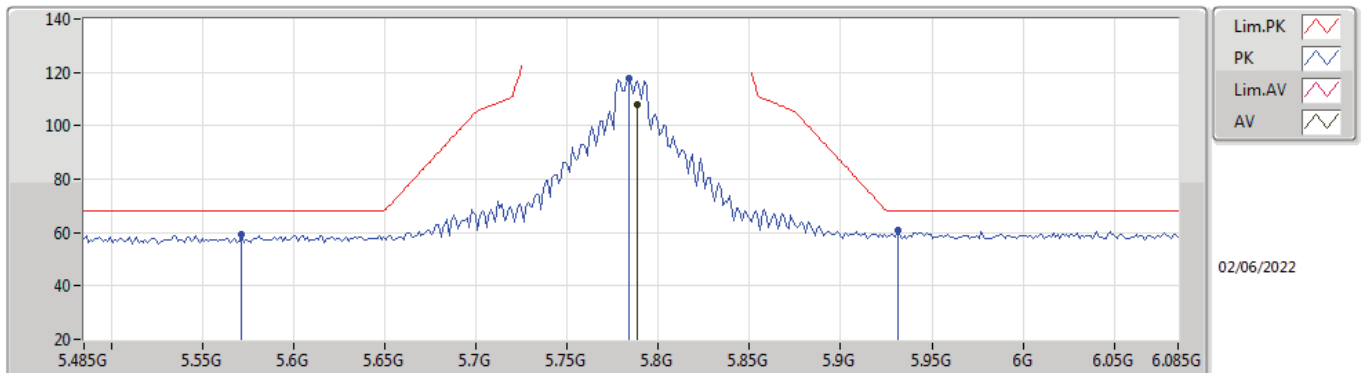
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	106.05	Inf	-Inf	9.73	3	Vertical	353	1.50	-	96.32	33.77	10.17	34.21
PK	5.527G	59.25	68.20	-8.95	8.74	3	Vertical	353	1.50	-	50.51	32.89	10.04	34.19
PK	5.7838G	115.55	Inf	-Inf	9.73	3	Vertical	353	1.50	-	105.82	33.77	10.17	34.21
PK	5.9566G	61.17	68.20	-7.03	10.34	3	Vertical	353	1.50	-	50.83	34.26	10.30	34.22

802.11a_Nss1,(6Mbps)_2TX

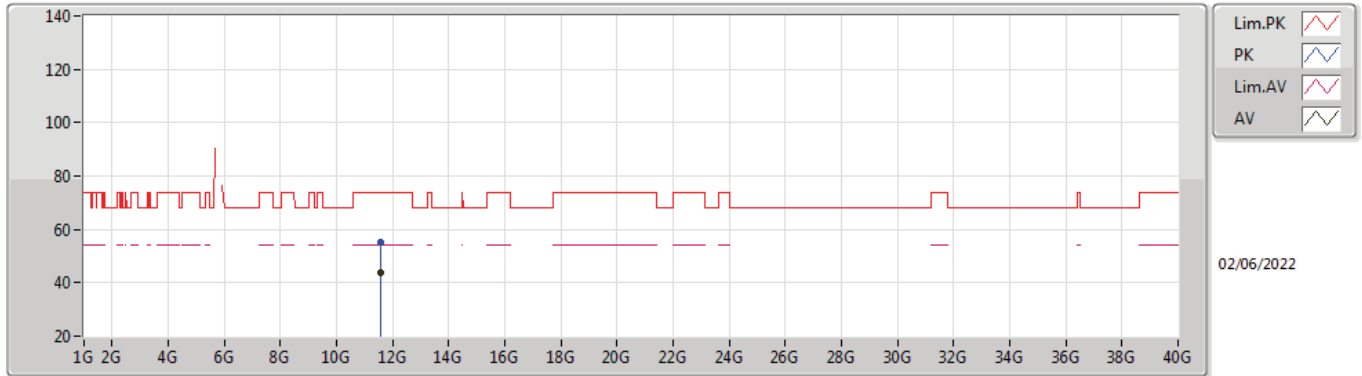
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	107.81	Inf	-Inf	9.74	3	Horizontal	140	2.05	-	98.07	33.78	10.17	34.21
PK	5.5714G	59.39	68.20	-8.81	8.80	3	Horizontal	140	2.05	-	50.59	32.93	10.06	34.19
PK	5.7838G	117.84	Inf	-Inf	9.73	3	Horizontal	140	2.05	-	108.11	33.77	10.17	34.21
PK	5.9314G	60.87	68.20	-7.33	10.29	3	Horizontal	140	2.05	-	50.58	34.23	10.28	34.22

802.11a_Nss1,(6Mbps)_2TX

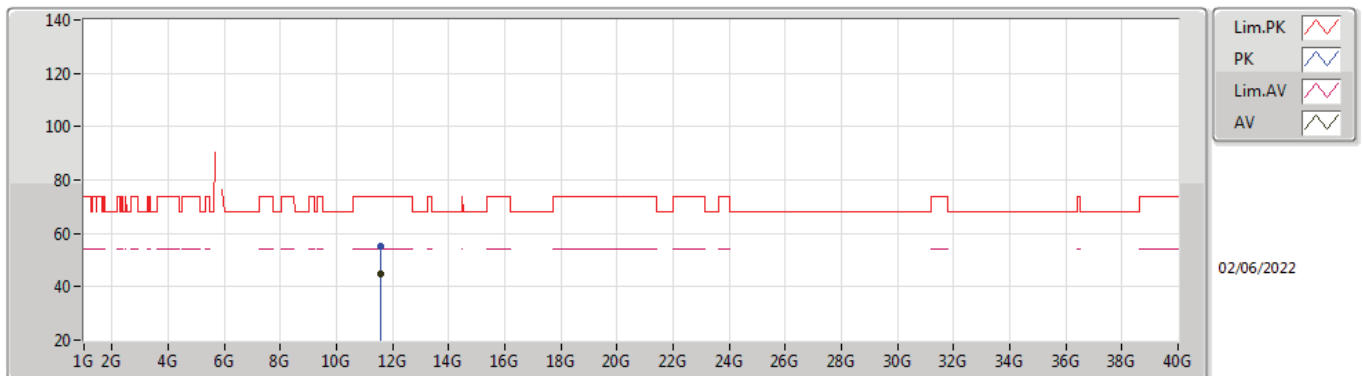
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56992G	43.84	54.00	-10.16	17.80	3	Vertical	166	1.00	-	26.04	38.76	13.14	34.10
PK	11.56252G	55.15	74.00	-18.85	17.82	3	Vertical	166	1.00	-	37.33	38.77	13.14	34.09

802.11a_Nss1,(6Mbps)_2TX

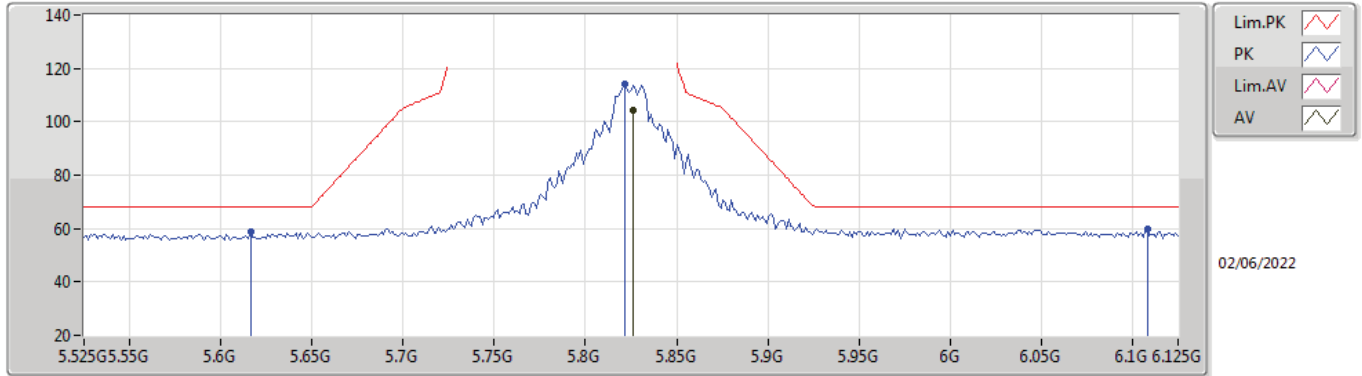
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56984G	44.65	54.00	-9.35	17.80	3	Horizontal	184	2.48	-	26.85	38.76	13.14	34.10
PK	11.57G	55.00	74.00	-19.00	17.80	3	Horizontal	184	2.48	-	37.20	38.76	13.14	34.10

802.11a_Nss1,(6Mbps)_2TX

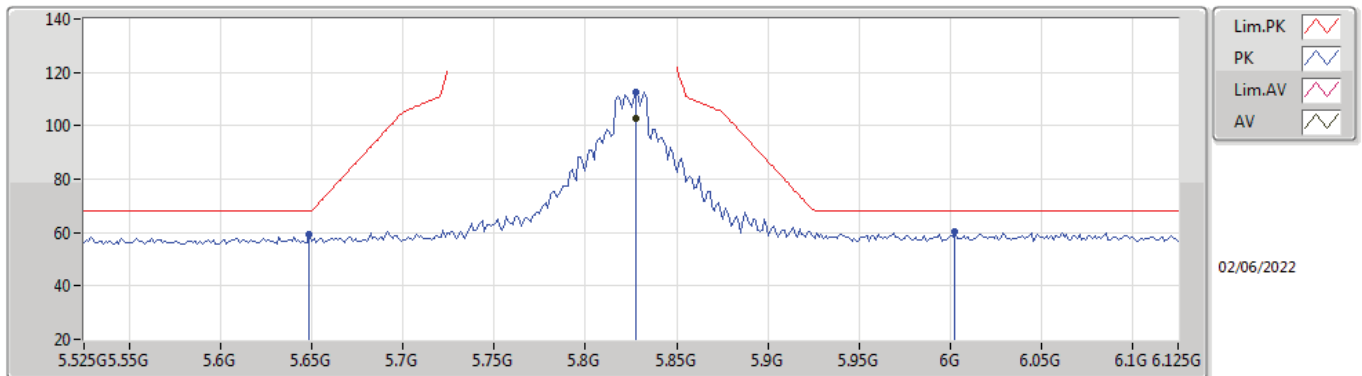
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	104.36	Inf	-Inf	9.95	3	Vertical	349	1.78	-	94.41	33.96	10.20	34.21
PK	5.6162G	58.93	68.20	-9.27	9.04	3	Vertical	349	1.78	-	49.89	33.16	10.08	34.20
PK	5.8214G	113.89	Inf	-Inf	9.92	3	Vertical	349	1.78	-	103.97	33.93	10.20	34.21
PK	6.1082G	59.80	68.20	-8.40	10.31	3	Vertical	349	1.78	-	49.49	34.10	10.44	34.23

802.11a_Nss1,(6Mbps)_2TX

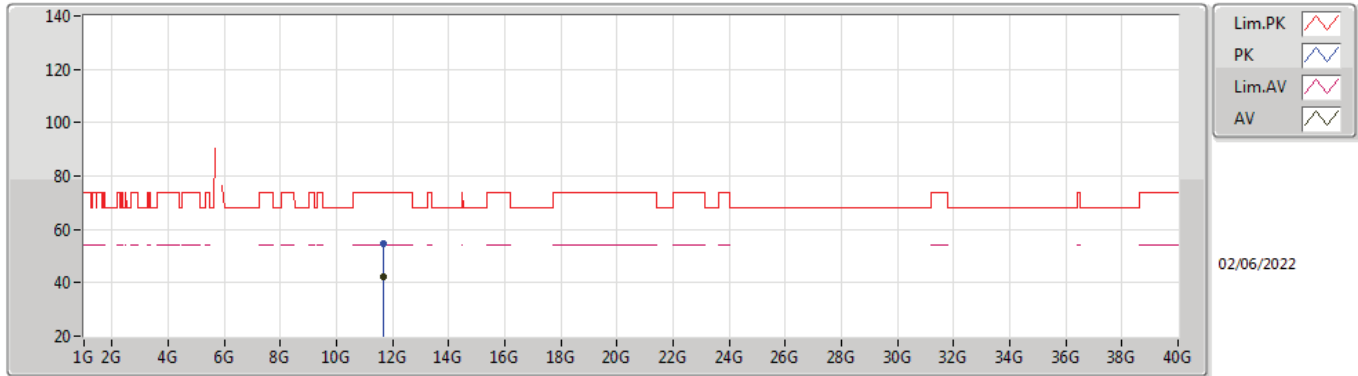
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	103.00	Inf	-Inf	9.95	3	Horizontal	331	1.32	-	93.05	33.96	10.20	34.21
PK	5.6486G	59.18	68.20	-9.02	9.19	3	Horizontal	331	1.32	-	49.99	33.29	10.10	34.20
PK	5.8274G	112.79	Inf	-Inf	9.95	3	Horizontal	331	1.32	-	102.84	33.96	10.20	34.21
PK	6.0026G	60.38	68.20	-7.82	10.12	3	Horizontal	331	1.32	-	50.26	34.01	10.33	34.22

802.11a_Nss1,(6Mbps)_2TX

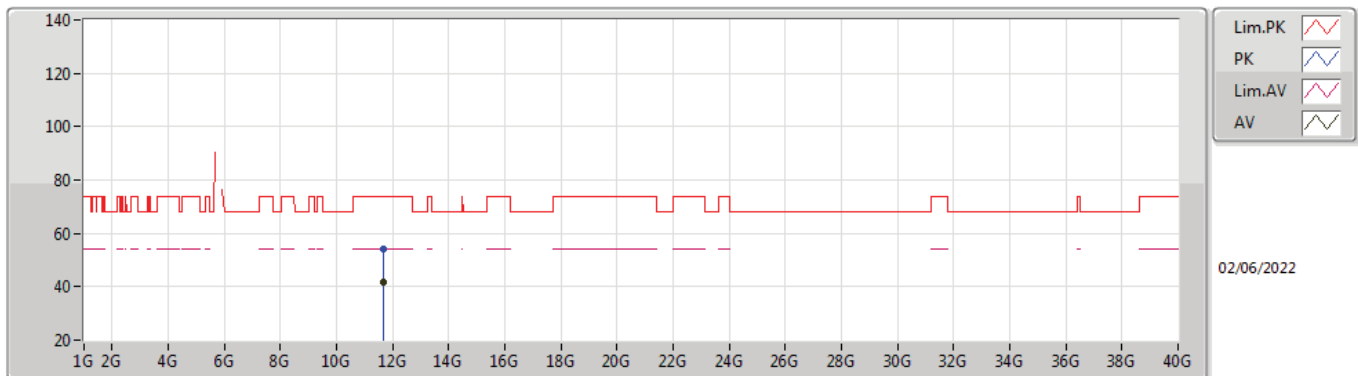
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64996G	42.24	54.00	-11.76	17.68	3	Vertical	181	1.42	-	24.56	38.65	13.17	34.14
PK	11.6498G	54.82	74.00	-19.18	17.68	3	Vertical	181	1.42	-	37.14	38.65	13.17	34.14

802.11a_Nss1,(6Mbps)_2TX

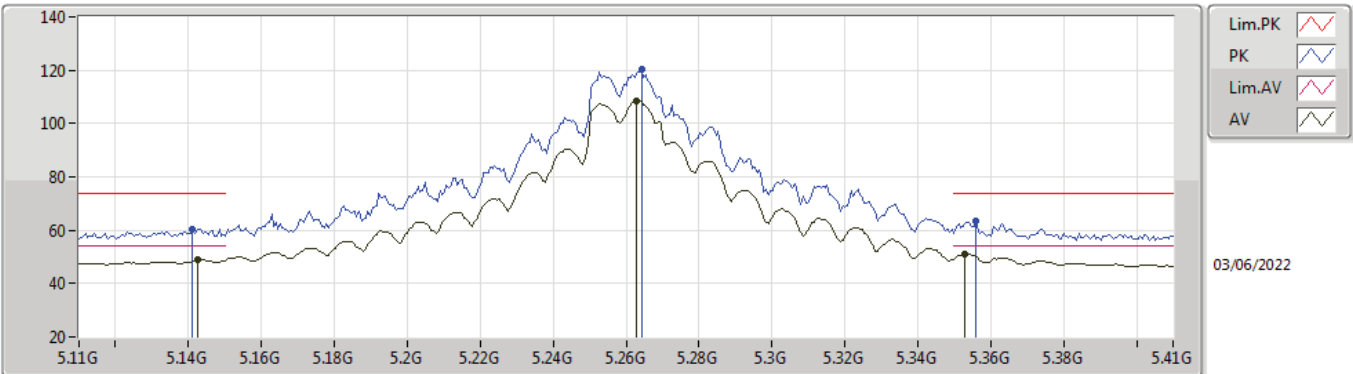
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64992G	41.86	54.00	-12.14	17.68	3	Horizontal	193	1.50	-	24.18	38.65	13.17	34.14
PK	11.65972G	54.32	74.00	-19.68	17.67	3	Horizontal	193	1.50	-	36.65	38.64	13.18	34.15

802.11ax HEW20_Nss1,(MCS0)_2TX

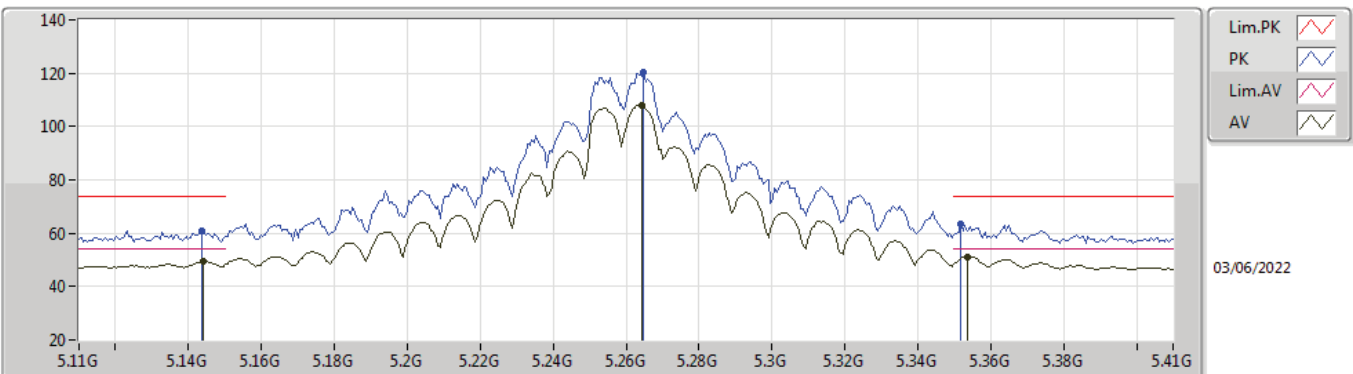
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1424G	48.85	54.00	-5.15	8.90	3	Vertical	173	1.86	-	39.95	33.20	9.83	34.13
AV	5.263G	108.50	Inf	-Inf	8.68	3	Vertical	173	1.86	-	99.82	32.93	9.90	34.15
AV	5.353G	51.18	54.00	-2.82	8.52	3	Vertical	173	1.86	-	42.66	32.71	9.97	34.16
PK	5.1412G	60.45	74.00	-13.55	8.90	3	Vertical	173	1.86	-	51.55	33.20	9.83	34.13
PK	5.2642G	120.28	Inf	-Inf	8.68	3	Vertical	173	1.86	-	111.60	32.93	9.90	34.15
PK	5.356G	63.47	74.00	-10.53	8.52	3	Vertical	173	1.86	-	54.95	32.71	9.97	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

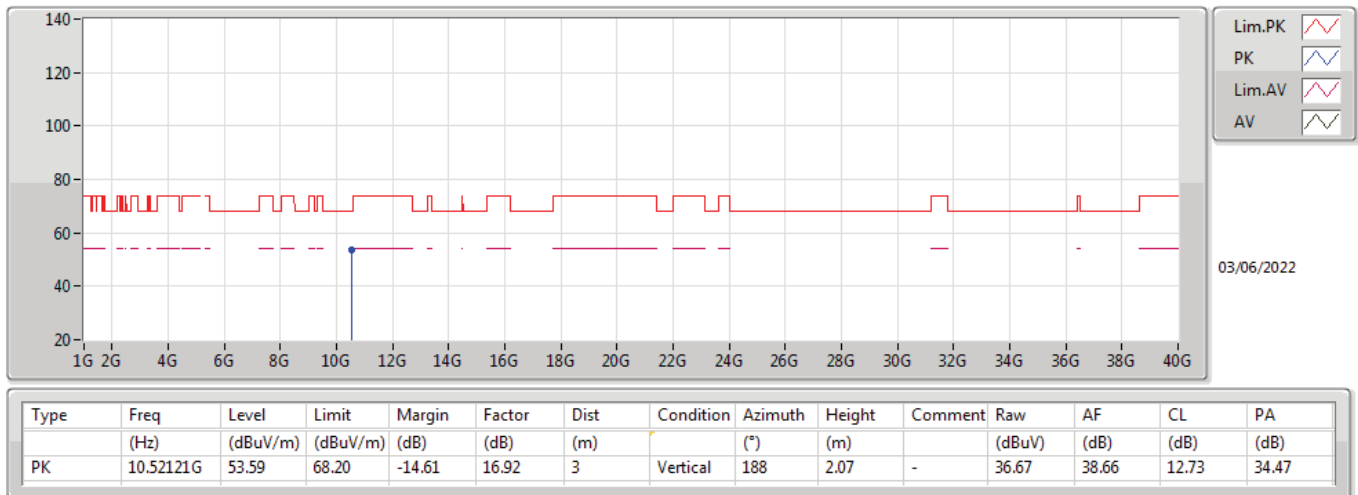
5260MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1442G	49.27	54.00	-4.73	8.90	3	Horizontal	157	1.88	-	40.37	33.20	9.83	34.13
AV	5.2642G	107.94	Inf	-Inf	8.68	3	Horizontal	157	1.88	-	99.26	32.93	9.90	34.15
AV	5.3536G	51.29	54.00	-2.71	8.52	3	Horizontal	157	1.88	-	42.77	32.71	9.97	34.16
PK	5.1436G	60.97	74.00	-13.03	8.90	3	Horizontal	157	1.88	-	52.07	33.20	9.83	34.13
PK	5.2648G	120.23	Inf	-Inf	8.69	3	Horizontal	157	1.88	-	111.54	32.93	9.91	34.15
PK	5.3518G	63.32	74.00	-10.68	8.51	3	Horizontal	157	1.88	-	54.81	32.70	9.97	34.16

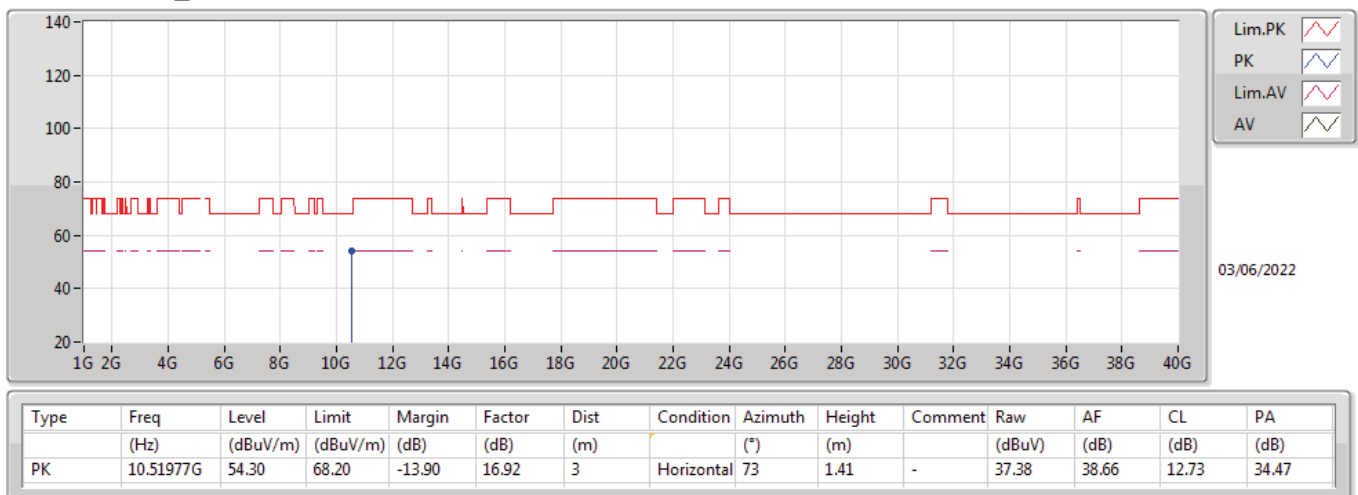
802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TX



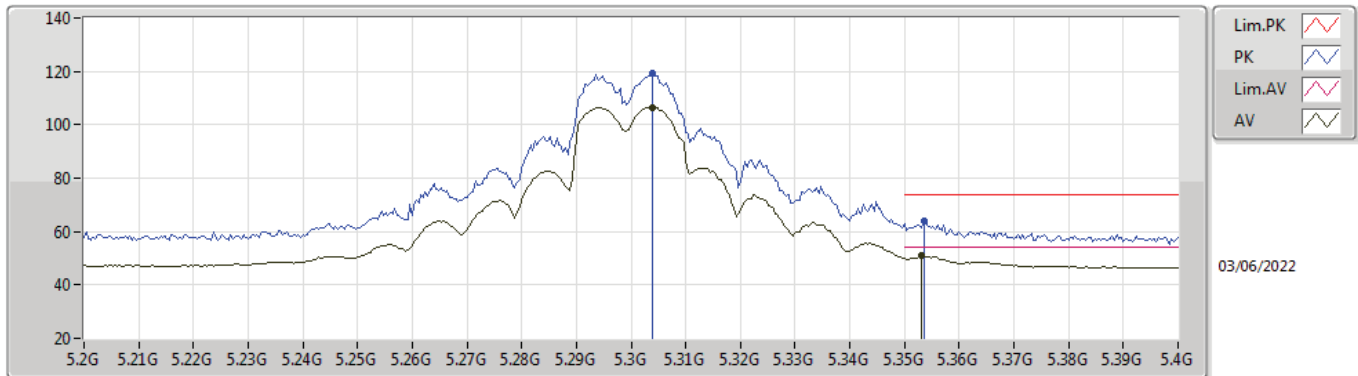
802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

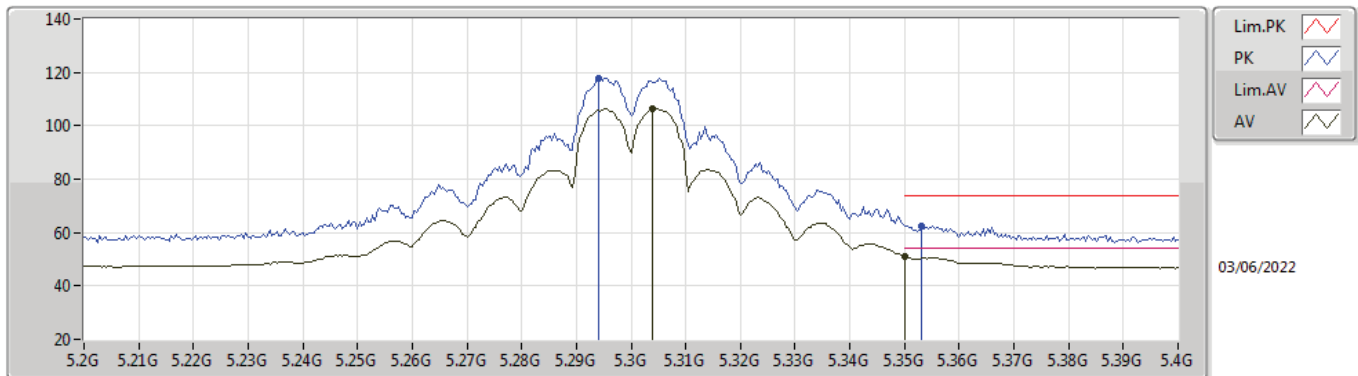
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.304G	106.57	Inf	-Inf	8.76	3	Vertical	173	2.07	-	97.81	32.98	9.93	34.15
AV	5.3532G	50.85	54.00	-3.15	8.52	3	Vertical	173	2.07	-	42.33	32.71	9.97	34.16
PK	5.304G	119.09	Inf	-Inf	8.76	3	Vertical	173	2.07	-	110.33	32.98	9.93	34.15
PK	5.3536G	64.19	74.00	-9.81	8.52	3	Vertical	173	2.07	-	55.67	32.71	9.97	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

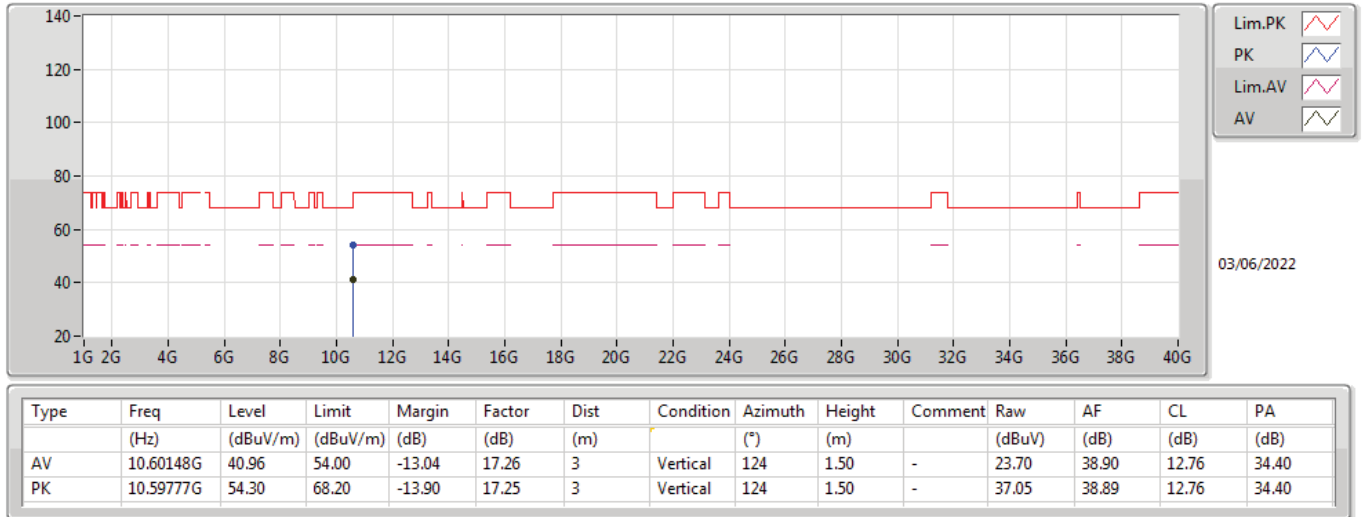
5300MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.304G	106.25	Inf	-Inf	8.76	3	Horizontal	159	1.99	-	97.49	32.98	9.93	34.15
AV	5.35G	50.92	54.00	-3.08	8.51	3	Horizontal	159	1.99	-	42.41	32.70	9.97	34.16
PK	5.294G	117.97	Inf	-Inf	8.77	3	Horizontal	159	1.99	-	109.20	32.99	9.93	34.15
PK	5.3532G	62.56	74.00	-11.44	8.52	3	Horizontal	159	1.99	-	54.04	32.71	9.97	34.16

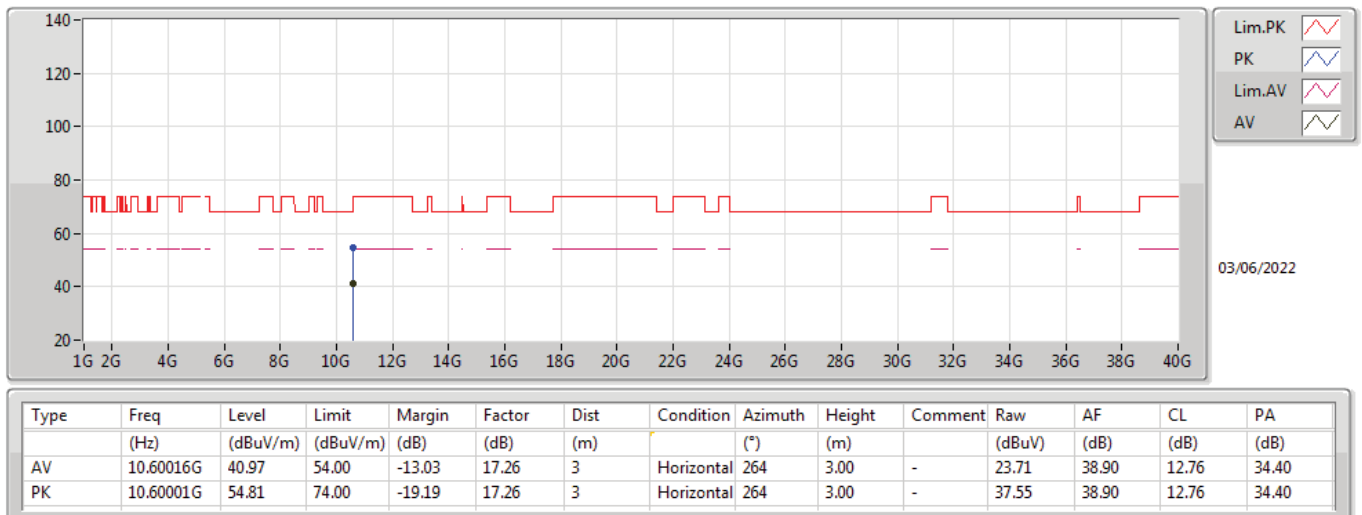
802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TX



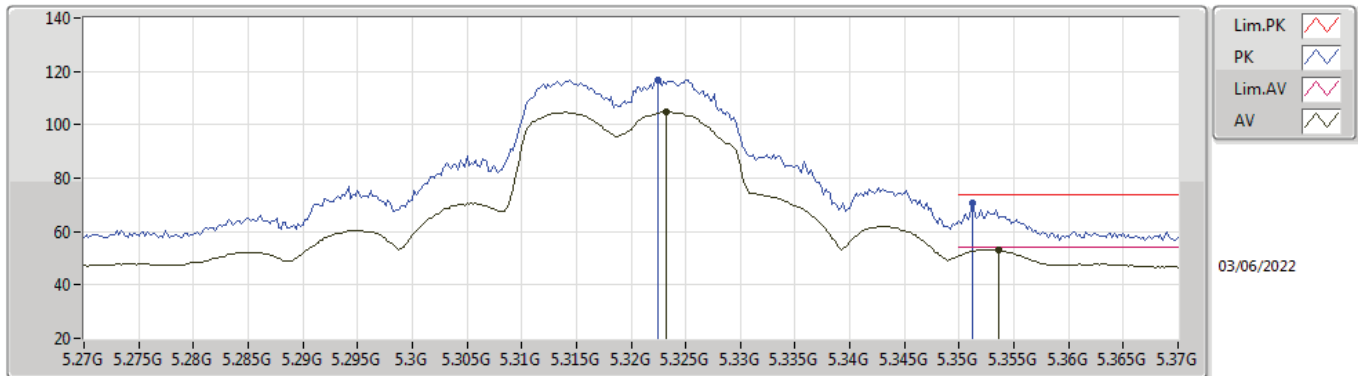
802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

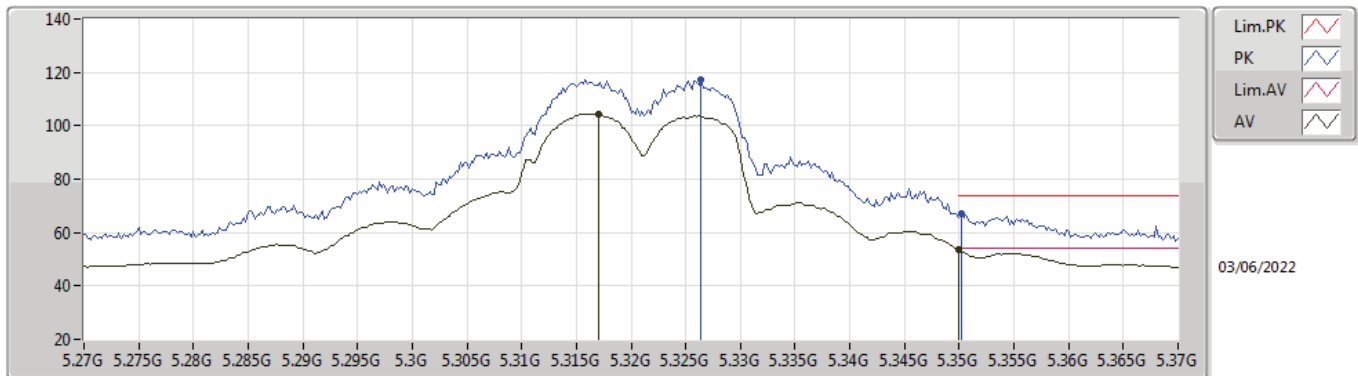
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3232G	104.80	Inf	-Inf	8.65	3	Vertical	173	1.96	-	96.15	32.86	9.95	34.16
AV	5.3536G	53.25	54.00	-0.75	8.52	3	Vertical	173	1.96	-	44.73	32.71	9.97	34.16
PK	5.3224G	116.97	Inf	-Inf	8.66	3	Vertical	173	1.96	-	108.31	32.87	9.95	34.16
PK	5.3512G	70.71	74.00	-3.29	8.51	3	Vertical	173	1.96	-	62.20	32.70	9.97	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

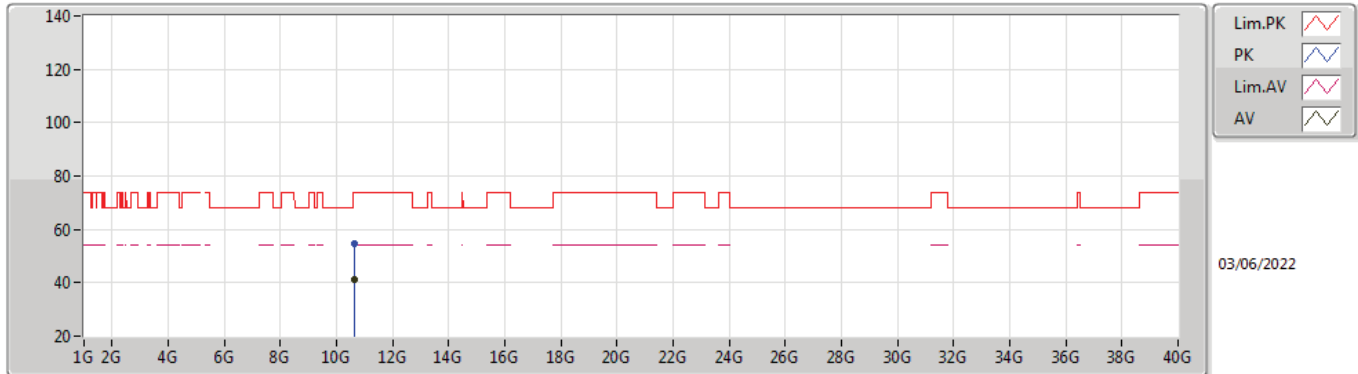
5320MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.317G	104.39	Inf	-Inf	8.68	3	Horizontal	162	2.02	-	95.71	32.90	9.94	34.16
AV	5.35G	53.43	54.00	-0.57	8.51	3	Horizontal	162	2.02	-	44.92	32.70	9.97	34.16
PK	5.3264G	117.38	Inf	-Inf	8.63	3	Horizontal	162	2.02	-	108.75	32.84	9.95	34.16
PK	5.3502G	66.92	74.00	-7.08	8.51	3	Horizontal	162	2.02	-	58.41	32.70	9.97	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

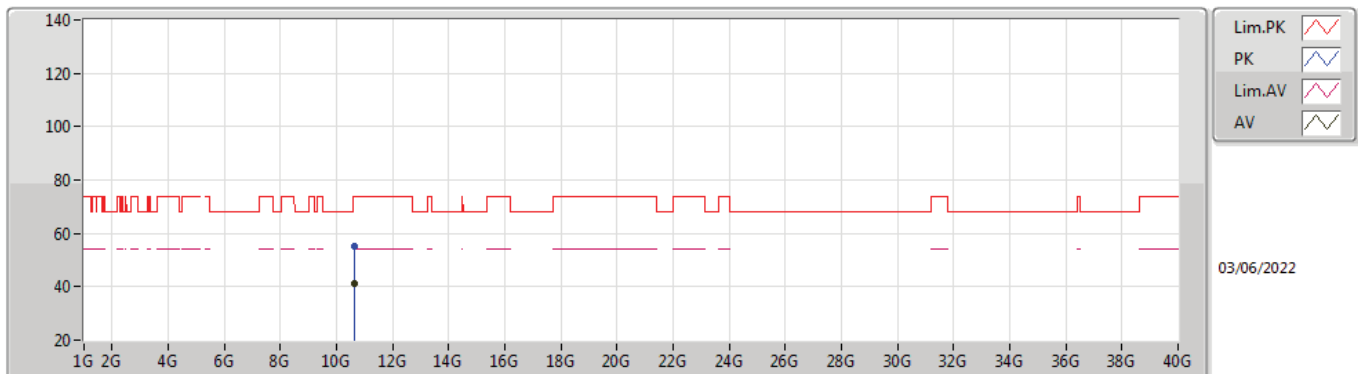
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63979G	40.99	54.00	-13.01	17.28	3	Vertical	67	2.83	-	23.71	38.86	12.78	34.36
PK	10.64137G	54.68	74.00	-19.32	17.28	3	Vertical	67	2.83	-	37.40	38.86	12.78	34.36

802.11ax HEW20_Nss1,(MCS0)_2TX

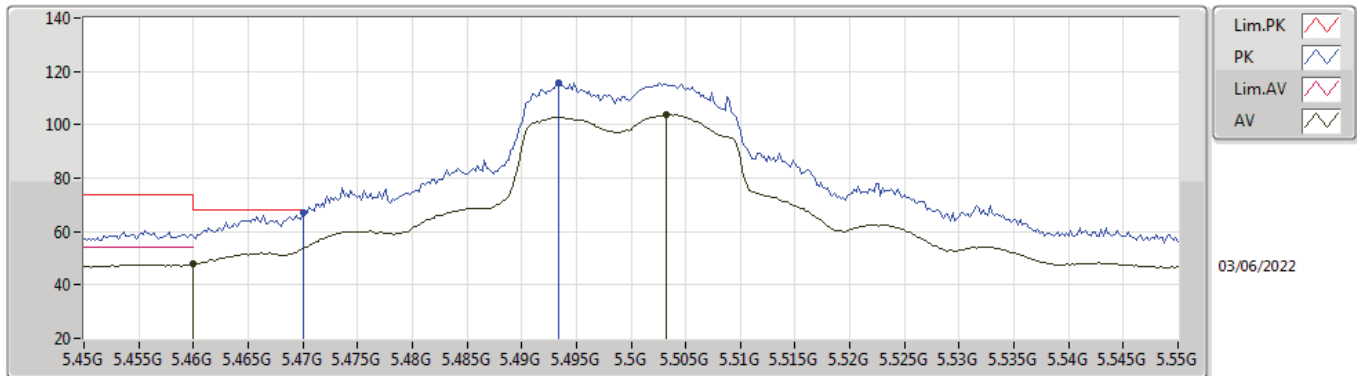
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6402G	40.99	54.00	-13.01	17.28	3	Horizontal	338	1.50	-	23.71	38.86	12.78	34.36
PK	10.64062G	55.34	74.00	-18.66	17.28	3	Horizontal	338	1.50	-	38.06	38.86	12.78	34.36

802.11ax HEW20_Nss1,(MCS0)_2TX

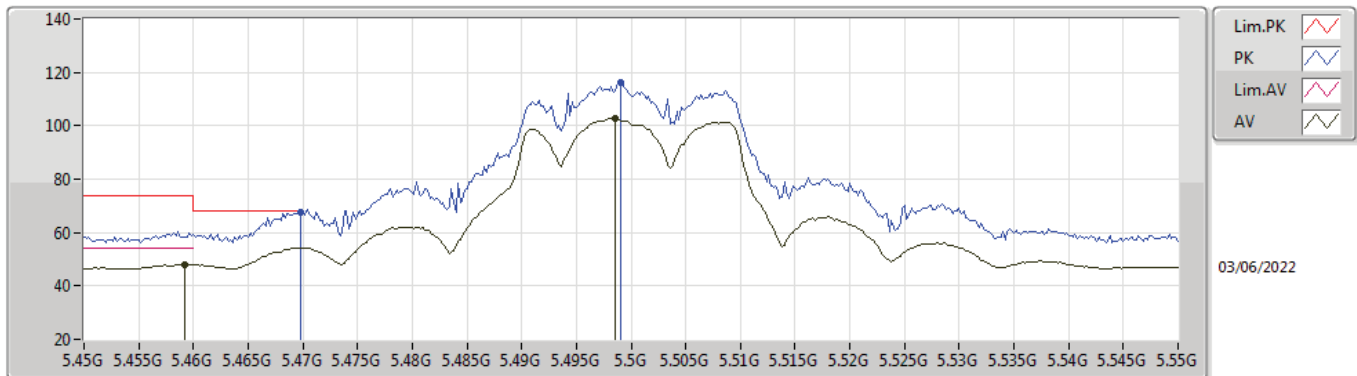
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	47.72	54.00	-6.28	8.76	3	Vertical	165	1.50	-	38.96	32.92	10.02	34.18
AV	5.5032G	103.84	Inf	-Inf	8.84	3	Vertical	165	1.50	-	95.00	32.99	10.04	34.19
PK	5.47G	67.02	68.20	-1.18	8.78	3	Vertical	165	1.50	-	58.24	32.94	10.02	34.18
PK	5.4934G	115.94	Inf	-Inf	8.83	3	Vertical	165	1.50	-	107.11	32.99	10.03	34.19

802.11ax HEW20_Nss1,(MCS0)_2TX

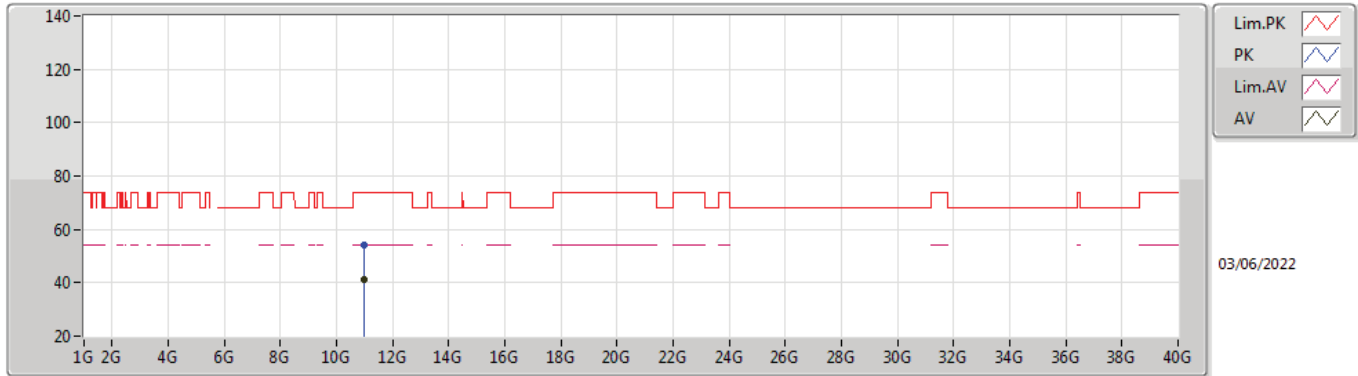
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	47.94	54.00	-6.06	8.76	3	Horizontal	148	2.75	-	39.18	32.92	10.02	34.18
AV	5.4986G	102.84	Inf	-Inf	8.84	3	Horizontal	148	2.75	-	94.00	33.00	10.03	34.19
PK	5.4698G	67.37	68.20	-0.83	8.78	3	Horizontal	148	2.75	-	58.59	32.94	10.02	34.18
PK	5.499G	116.12	Inf	-Inf	8.84	3	Horizontal	148	2.75	-	107.28	33.00	10.03	34.19

802.11ax HEW20_Nss1,(MCS0)_2TX

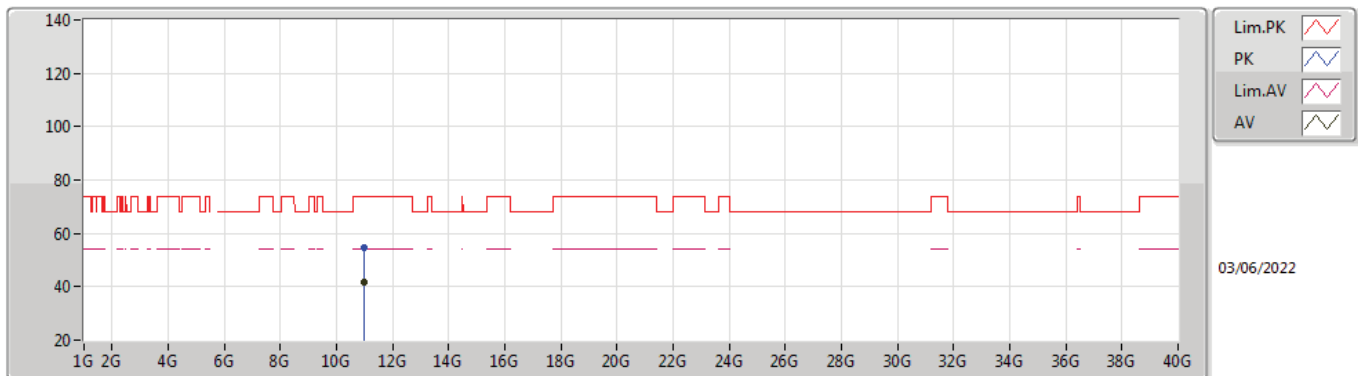
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00119G	41.10	54.00	-12.90	17.68	3	Vertical	292	1.50	-	23.42	38.80	12.92	34.04
PK	11.00218G	54.34	74.00	-19.66	17.68	3	Vertical	292	1.50	-	36.66	38.80	12.92	34.04

802.11ax HEW20_Nss1,(MCS0)_2TX

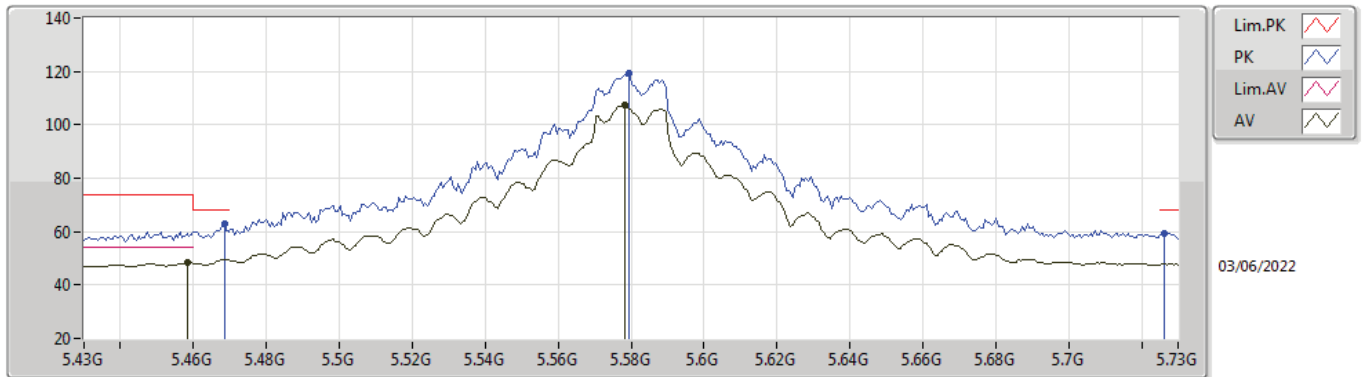
5500MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.99988G	41.55	54.00	-12.45	17.68	3	Horizontal	188	1.06	-	23.87	38.80	12.92	34.04
PK	11.00007G	54.56	74.00	-19.44	17.68	3	Horizontal	188	1.06	-	36.88	38.80	12.92	34.04

802.11ax HEW20_Nss1,(MCS0)_2TX

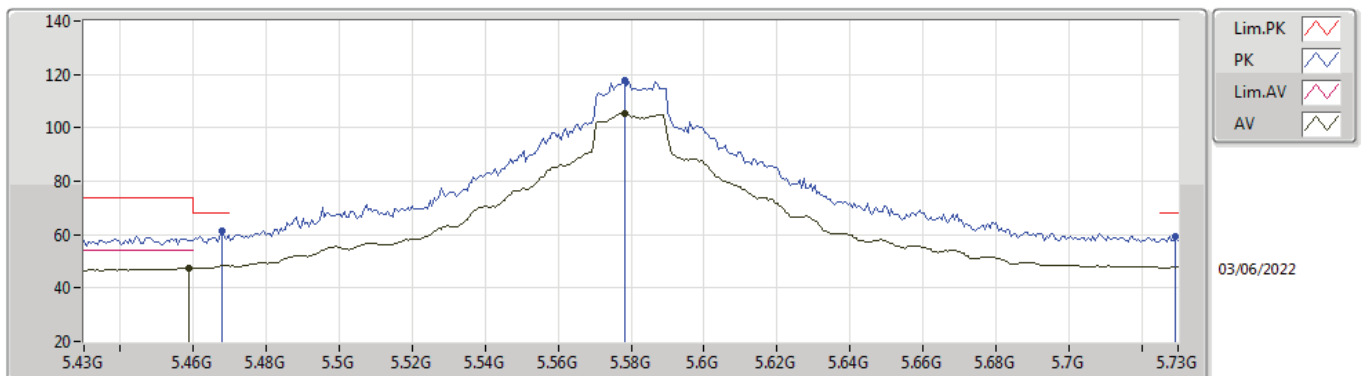
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4582G	48.38	54.00	-5.62	8.76	3	Vertical	164	1.32	-	39.62	32.92	10.02	34.18
AV	5.5782G	107.38	Inf	-Inf	8.84	3	Vertical	164	1.32	-	98.54	32.97	10.06	34.19
PK	5.4684G	62.86	68.20	-5.34	8.78	3	Vertical	164	1.32	-	54.08	32.94	10.02	34.18
PK	5.5794G	119.36	Inf	-Inf	8.85	3	Vertical	164	1.32	-	110.51	32.98	10.06	34.19
PK	5.7264G	59.24	68.20	-8.96	9.50	3	Vertical	164	1.32	-	49.74	33.56	10.14	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

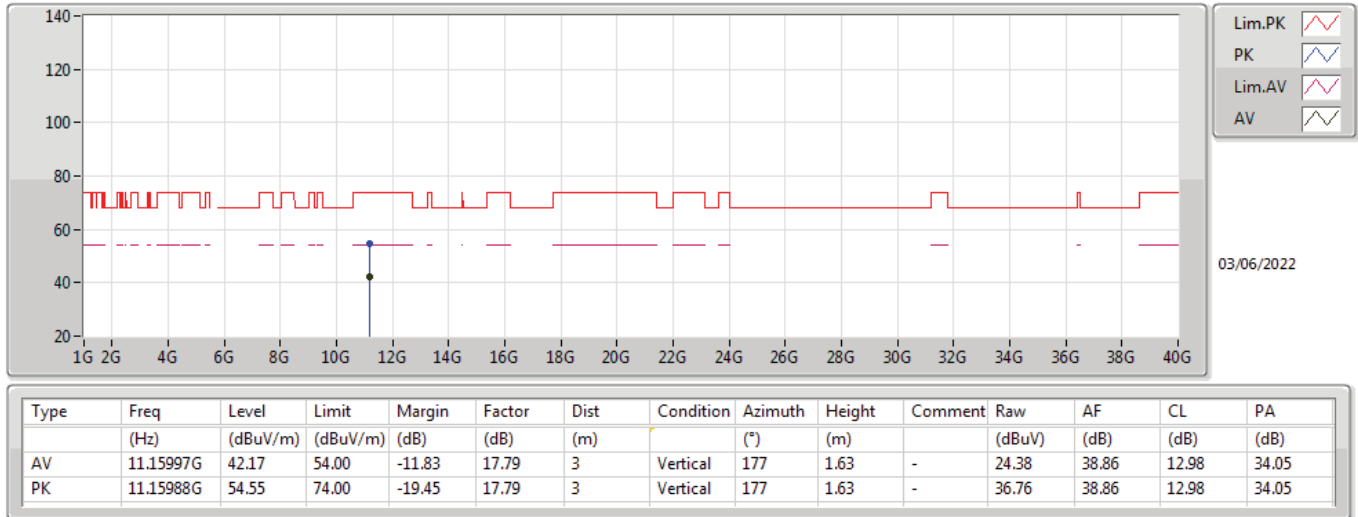
5580MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4588G	47.43	54.00	-6.57	8.76	3	Horizontal	329	1.78	-	38.67	32.92	10.02	34.18
AV	5.5782G	105.53	Inf	-Inf	8.84	3	Horizontal	329	1.78	-	96.69	32.97	10.06	34.19
PK	5.4678G	61.19	68.20	-7.01	8.78	3	Horizontal	329	1.78	-	52.41	32.94	10.02	34.18
PK	5.5782G	117.57	Inf	-Inf	8.84	3	Horizontal	329	1.78	-	108.73	32.97	10.06	34.19
PK	5.7294G	59.42	68.20	-8.78	9.52	3	Horizontal	329	1.78	-	49.90	33.58	10.14	34.20

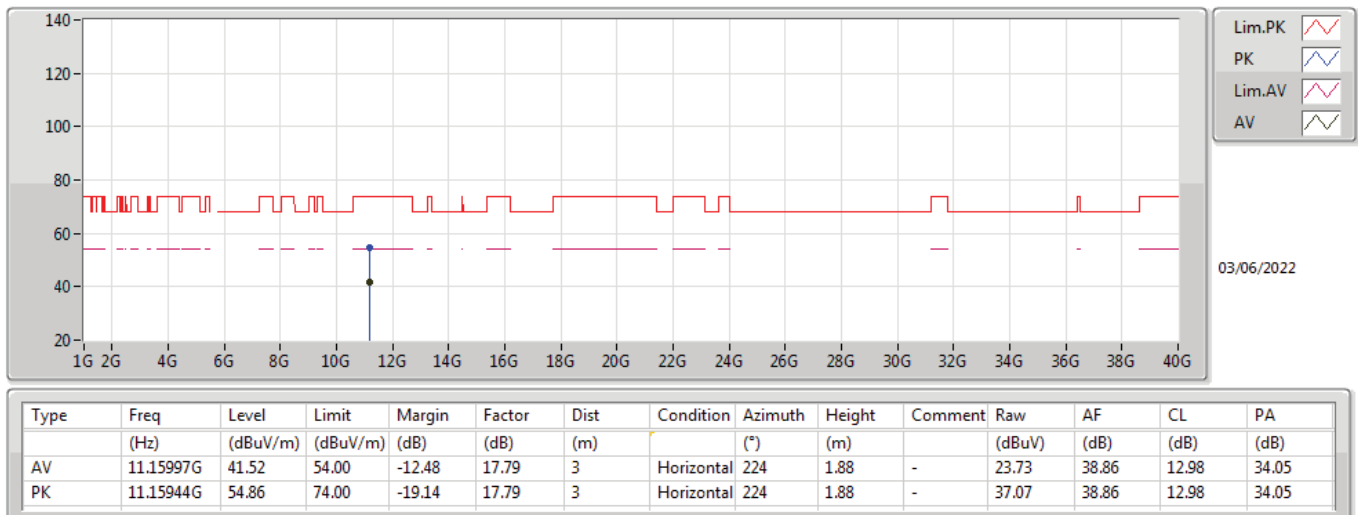
802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TX



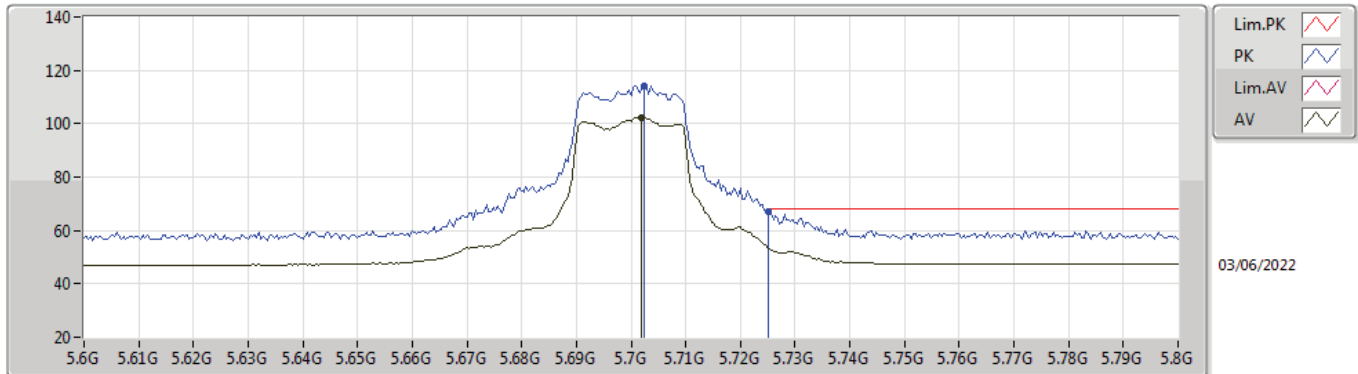
802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

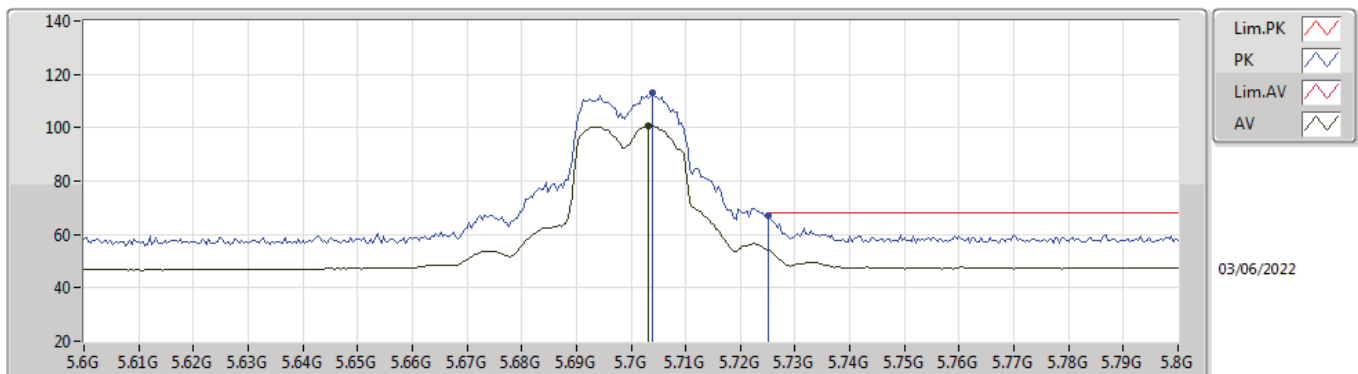
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.702G	102.36	Inf	-Inf	9.34	3	Vertical	349	1.50	-	93.02	33.41	10.13	34.20
PK	5.7024G	114.30	Inf	-Inf	9.34	3	Vertical	349	1.50	-	104.96	33.41	10.13	34.20
PK	5.7252G	66.83	68.20	-1.37	9.49	3	Vertical	349	1.50	-	57.34	33.55	10.14	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

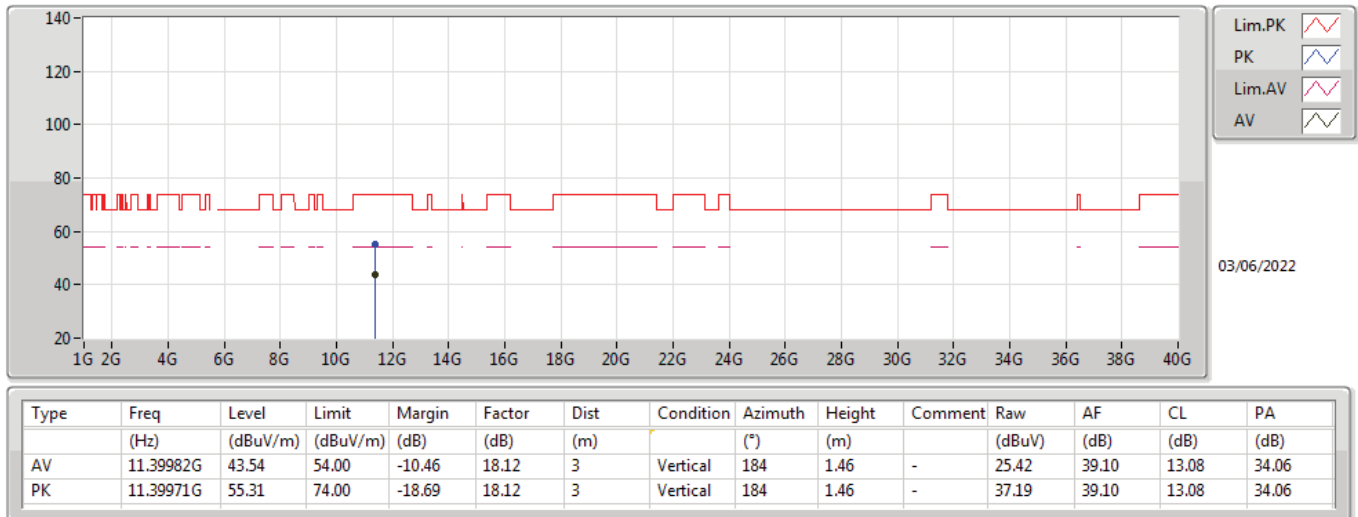
5700MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7032G	100.80	Inf	-Inf	9.35	3	Horizontal	329	1.11	-	91.45	33.42	10.13	34.20
PK	5.704G	112.99	Inf	-Inf	9.35	3	Horizontal	329	1.11	-	103.64	33.42	10.13	34.20
PK	5.7252G	67.05	68.20	-1.15	9.49	3	Horizontal	329	1.11	-	57.56	33.55	10.14	34.20

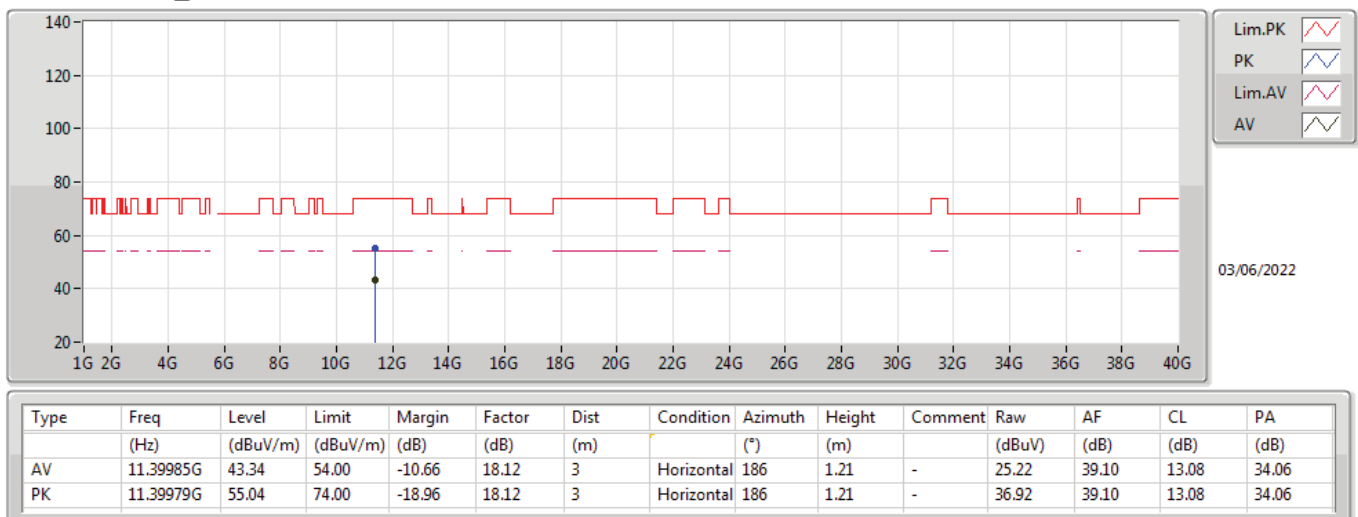
802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



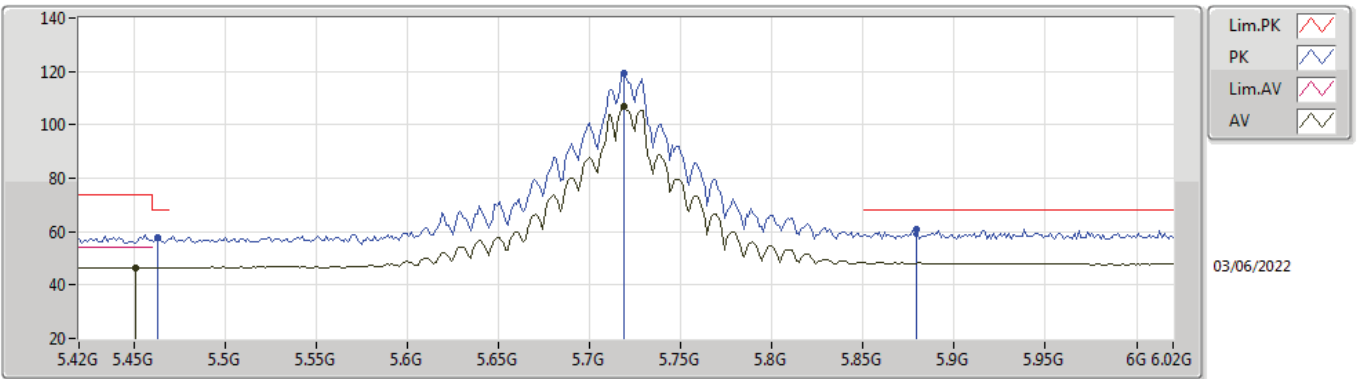
802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

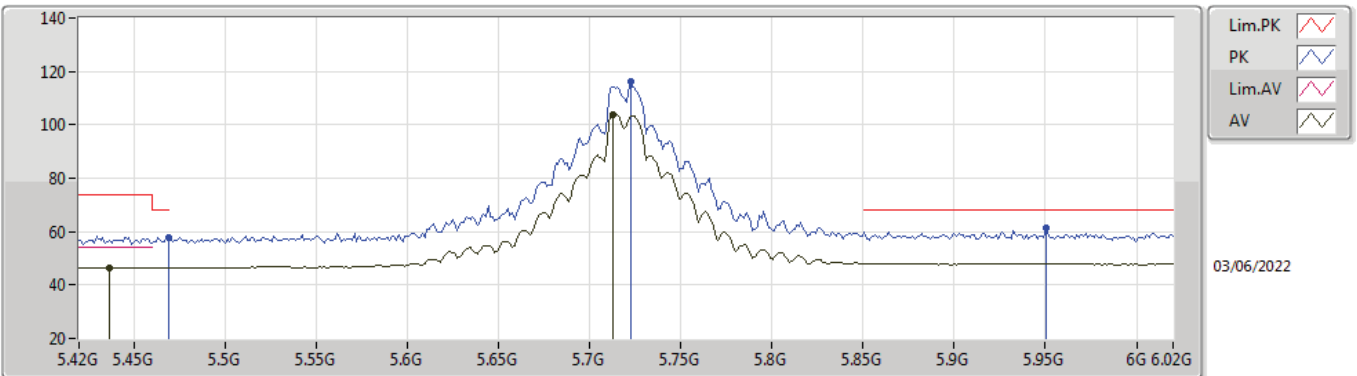
5720MHz_TX



Type	Freq	Level	Limit	Margin	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	46.51	54.00	-7.49	8.74	3	Vertical	98	1.80	-	37.77	32.90	10.02	34.18
AV	5.7188G	106.79	Inf	-Inf	9.45	3	Vertical	98	1.80	-	97.34	33.51	10.14	34.20
PK	5.4632G	57.68	68.20	-10.52	8.77	3	Vertical	98	1.80	-	48.91	32.93	10.02	34.18
PK	5.7188G	119.32	Inf	-Inf	9.45	3	Vertical	98	1.80	-	109.87	33.51	10.14	34.20
PK	5.8796G	60.80	68.20	-7.40	10.13	3	Vertical	98	1.80	-	50.67	34.10	10.24	34.21

802.11ax HEW20_Nss1,(MCS0)_2TX

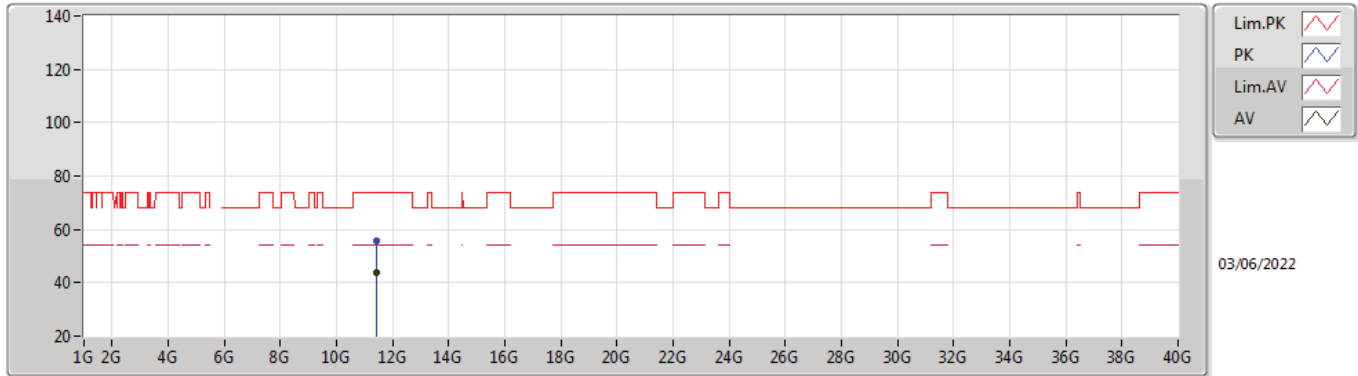
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4368G	46.47	54.00	-7.53	8.70	3	Horizontal	330	1.41	-	37.77	32.87	10.01	34.18
AV	5.7128G	104.03	Inf	-Inf	9.41	3	Horizontal	330	1.41	-	94.62	33.48	10.13	34.20
PK	5.4692G	57.91	68.20	-10.29	8.78	3	Horizontal	330	1.41	-	49.13	32.94	10.02	34.18
PK	5.7224G	116.32	Inf	-Inf	9.47	3	Horizontal	330	1.41	-	106.85	33.53	10.14	34.20
PK	5.9504G	61.29	68.20	-6.91	10.37	3	Horizontal	330	1.41	-	50.92	34.30	10.29	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

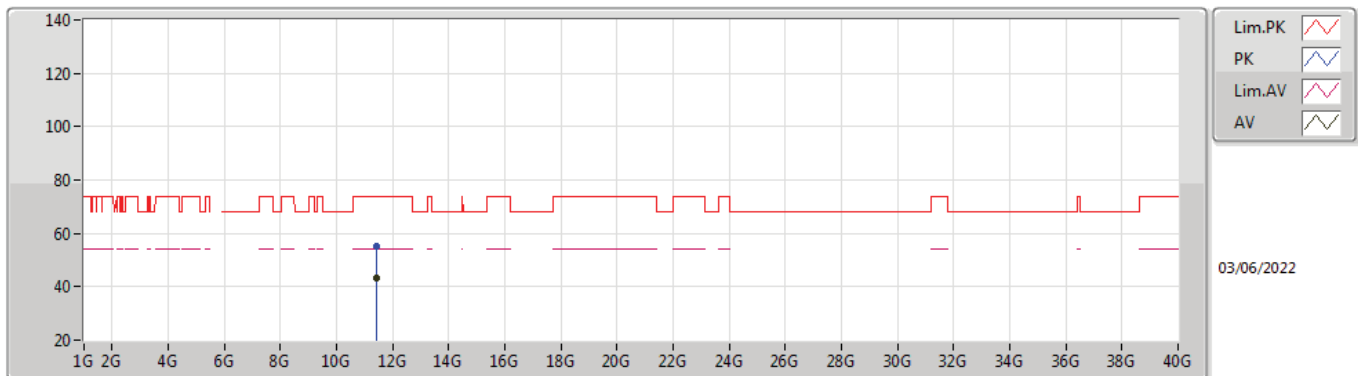
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43991G	43.84	54.00	-10.16	18.05	3	Vertical	185	1.50	-	25.79	39.02	13.09	34.06
PK	11.4399G	55.49	74.00	-18.51	18.05	3	Vertical	185	1.50	-	37.44	39.02	13.09	34.06

802.11ax HEW20_Nss1,(MCS0)_2TX

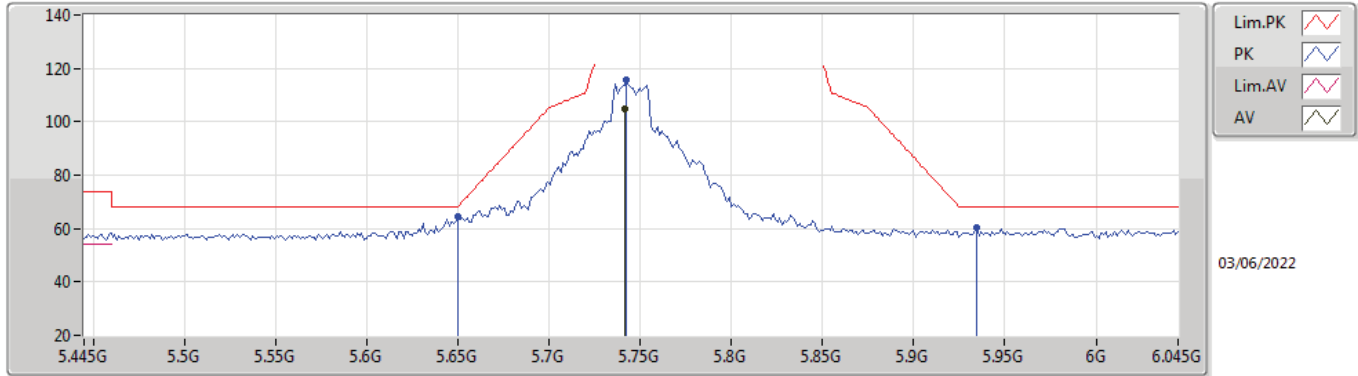
5720MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.43986G	43.31	54.00	-10.69	18.05	3	Horizontal	186	1.17	-	25.26	39.02	13.09	34.06
PK	11.43989G	55.27	74.00	-18.73	18.05	3	Horizontal	186	1.17	-	37.22	39.02	13.09	34.06

802.11ax HEW20_Nss1,(MCS0)_2TX

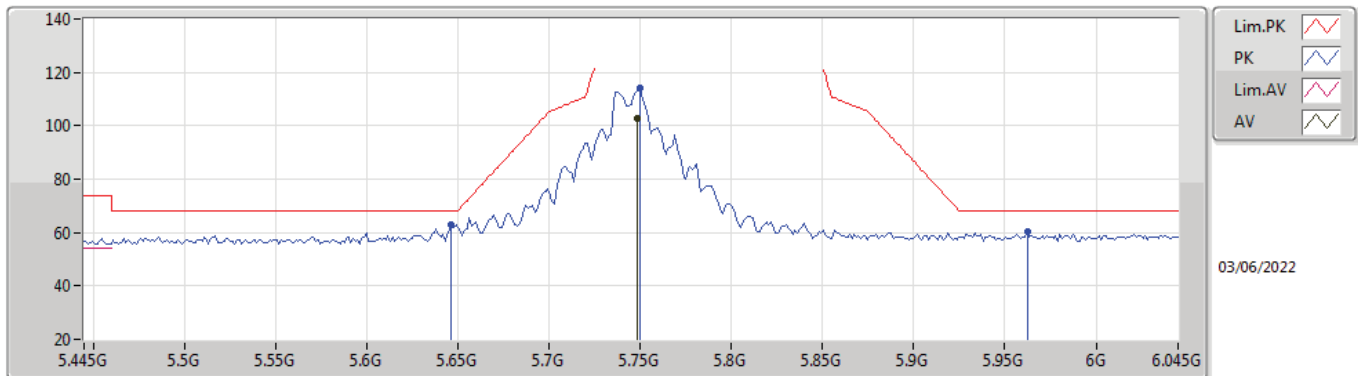
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	104.59	Inf	-Inf	9.60	3	Vertical	355	1.50	-	94.99	33.65	10.15	34.20
PK	5.6502G	64.31	68.35	-4.04	9.20	3	Vertical	355	1.50	-	55.11	33.30	10.10	34.20
PK	5.7426G	115.81	Inf	-Inf	9.61	3	Vertical	355	1.50	-	106.20	33.66	10.15	34.20
PK	5.9346G	60.24	68.20	-7.96	10.30	3	Vertical	355	1.50	-	49.94	34.24	10.28	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

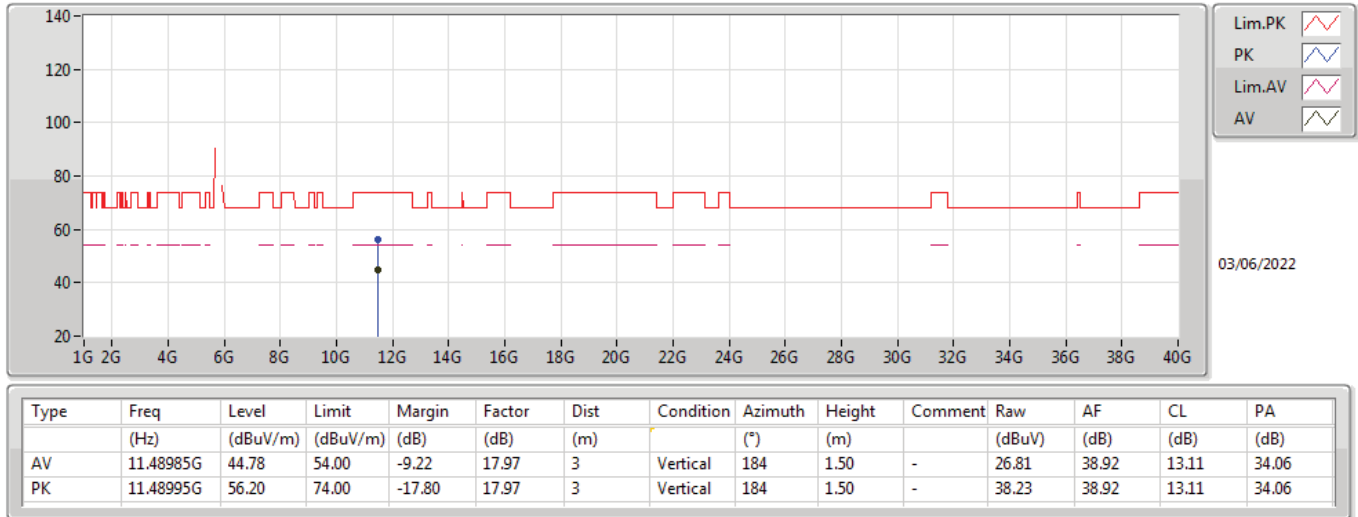
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7486G	102.72	Inf	-Inf	9.64	3	Horizontal	332	1.17	-	93.08	33.69	10.15	34.20
PK	5.6466G	63.11	68.20	-5.09	9.19	3	Horizontal	332	1.17	-	53.92	33.29	10.10	34.20
PK	5.7498G	114.24	Inf	-Inf	9.65	3	Horizontal	332	1.17	-	104.59	33.70	10.15	34.20
PK	5.9622G	60.52	68.20	-7.68	10.31	3	Horizontal	332	1.17	-	50.21	34.23	10.30	34.22

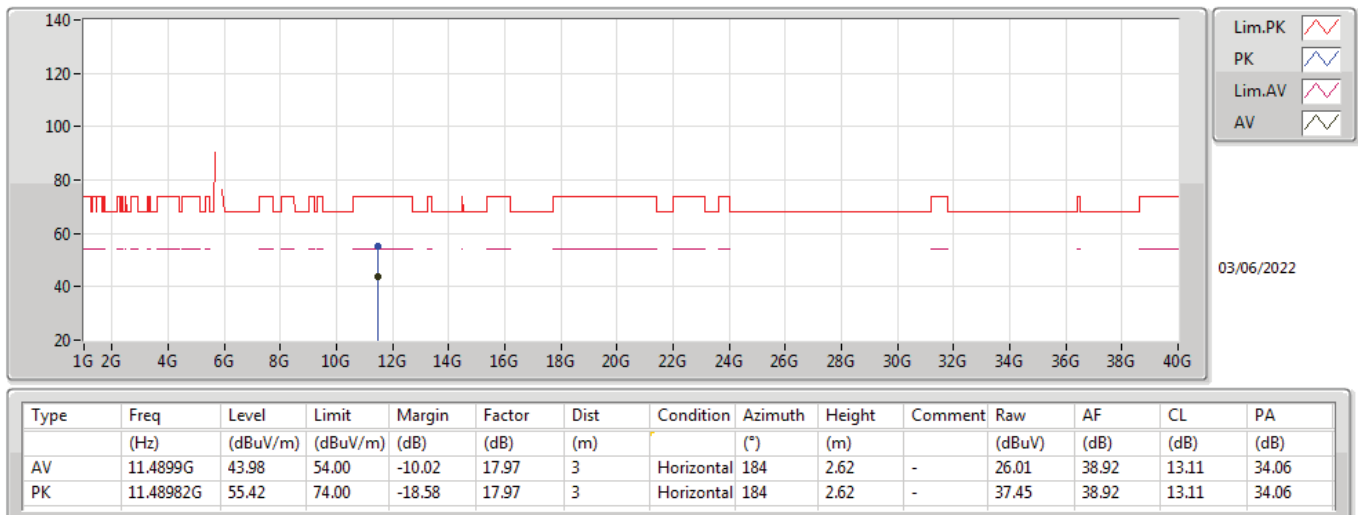
802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



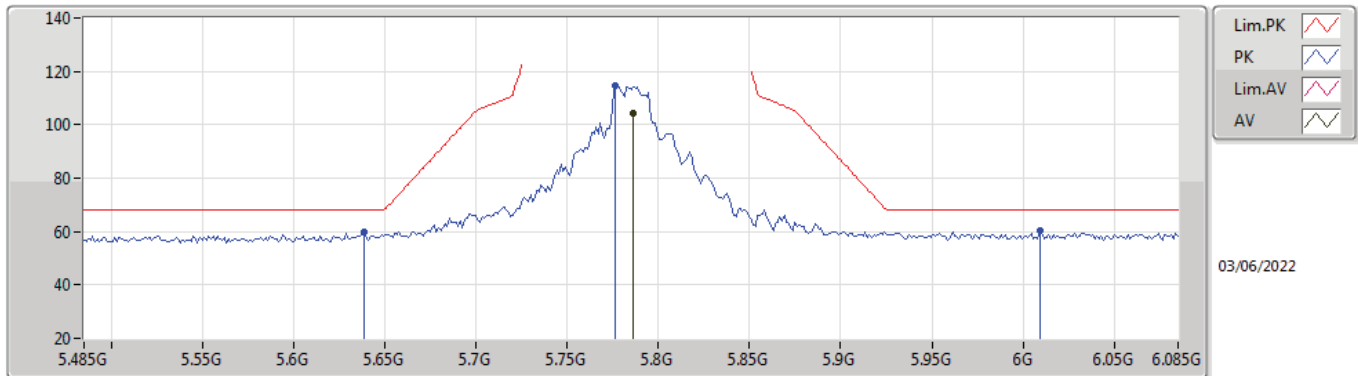
802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

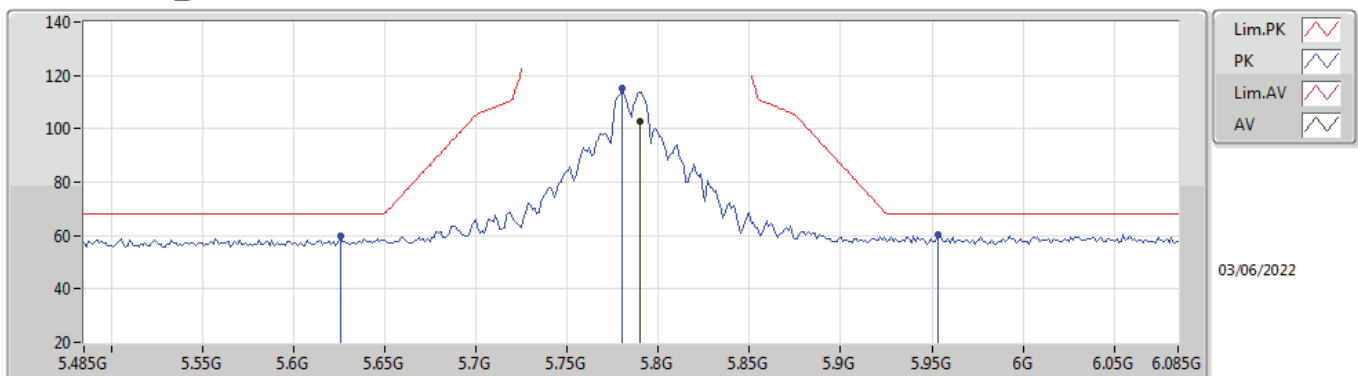
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	104.22	Inf	-Inf	9.73	3	Vertical	350	1.84	-	94.49	33.77	10.17	34.21
PK	5.6386G	59.74	68.20	-8.46	9.14	3	Vertical	350	1.84	-	50.60	33.25	10.09	34.20
PK	5.7766G	114.58	Inf	-Inf	9.71	3	Vertical	350	1.84	-	104.87	33.75	10.17	34.21
PK	6.0094G	60.25	68.20	-7.95	10.16	3	Vertical	350	1.84	-	50.09	34.04	10.34	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

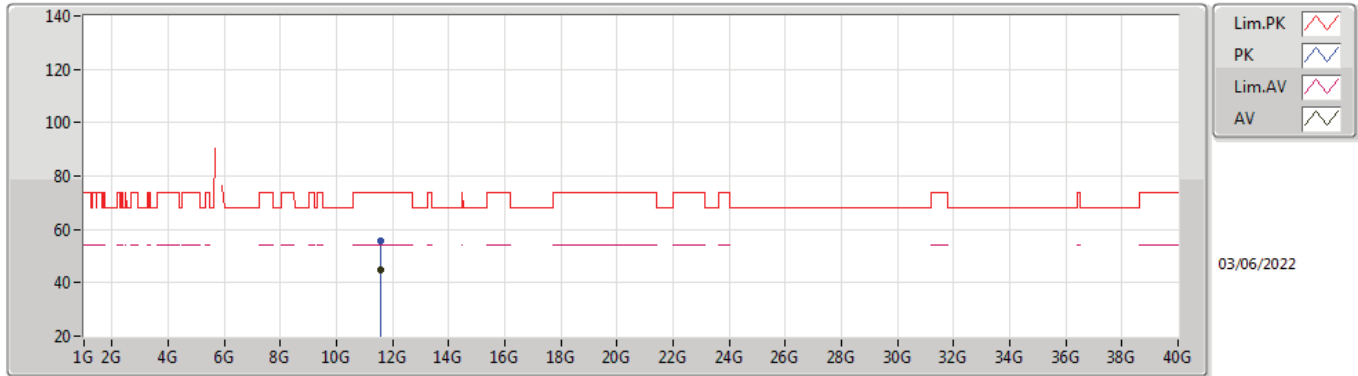
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	102.91	Inf	-Inf	9.74	3	Horizontal	330	1.27	-	93.17	33.78	10.17	34.21
PK	5.6254G	59.64	68.20	-8.56	9.08	3	Horizontal	330	1.27	-	50.56	33.20	10.08	34.20
PK	5.7802G	115.08	Inf	-Inf	9.72	3	Horizontal	330	1.27	-	105.36	33.76	10.17	34.21
PK	5.953G	60.27	68.20	-7.93	10.35	3	Horizontal	330	1.27	-	49.92	34.28	10.29	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

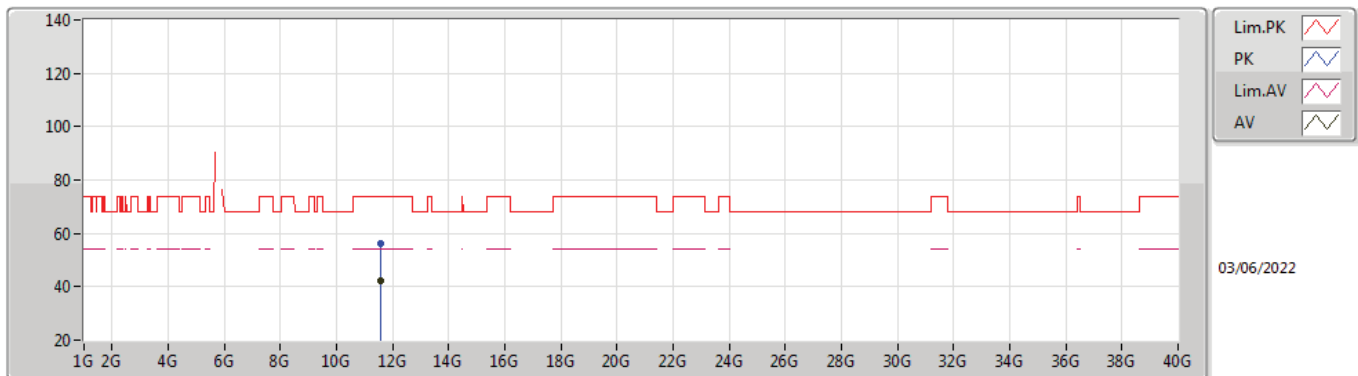
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56993G	44.86	54.00	-9.14	17.80	3	Vertical	163	1.00	-	27.06	38.76	13.14	34.10
PK	11.57021G	55.75	74.00	-18.25	17.80	3	Vertical	163	1.00	-	37.95	38.76	13.14	34.10

802.11ax HEW20_Nss1,(MCS0)_2TX

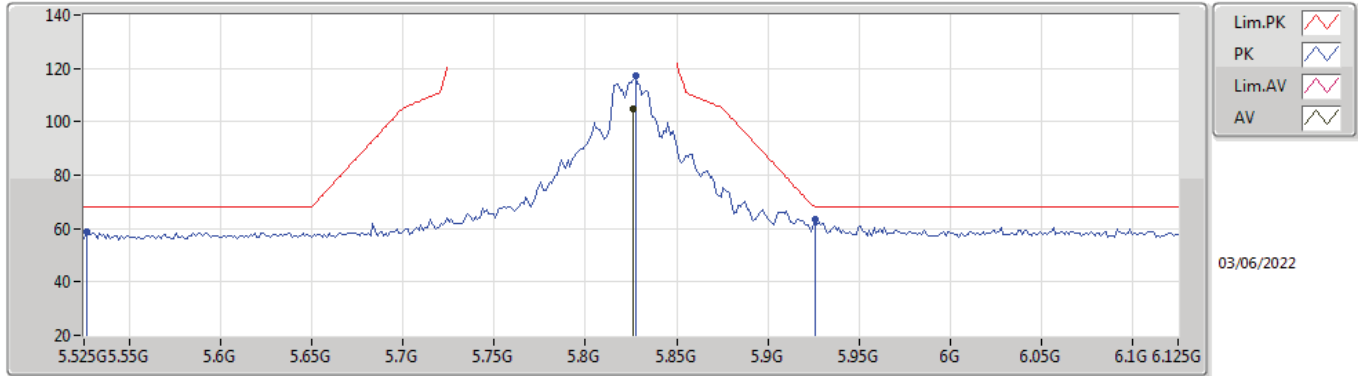
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.56987G	42.46	54.00	-11.54	17.80	3	Horizontal	189	1.50	-	24.66	38.76	13.14	34.10
PK	11.57006G	56.04	74.00	-17.96	17.80	3	Horizontal	189	1.50	-	38.24	38.76	13.14	34.10

802.11ax HEW20_Nss1,(MCS0)_2TX

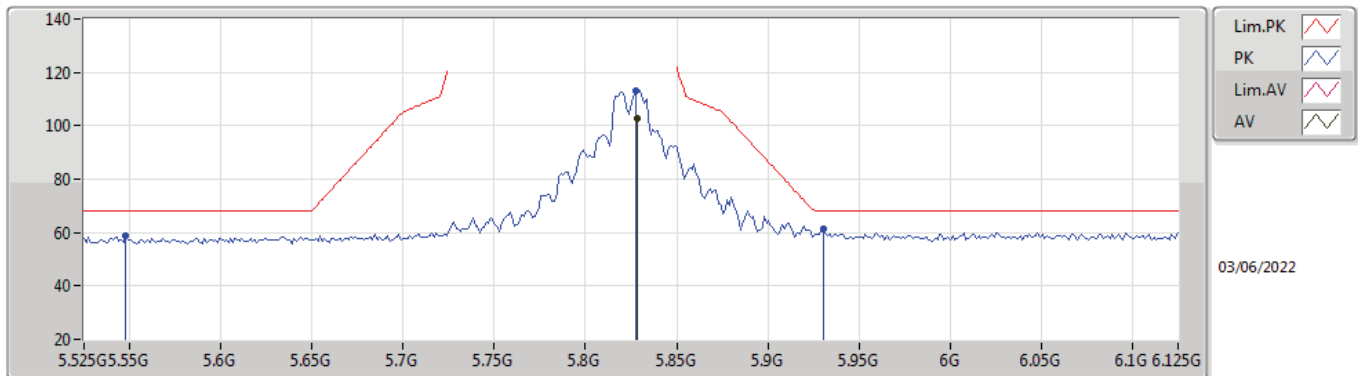
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	104.72	Inf	-Inf	9.95	3	Vertical	350	1.60	-	94.77	33.96	10.20	34.21
PK	5.5262G	58.72	68.20	-9.48	8.75	3	Vertical	350	1.60	-	49.97	32.90	10.04	34.19
PK	5.8274G	117.16	Inf	-Inf	9.95	3	Vertical	350	1.60	-	107.21	33.96	10.20	34.21
PK	5.9258G	63.33	68.20	-4.87	10.25	3	Vertical	350	1.60	-	53.08	34.20	10.27	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

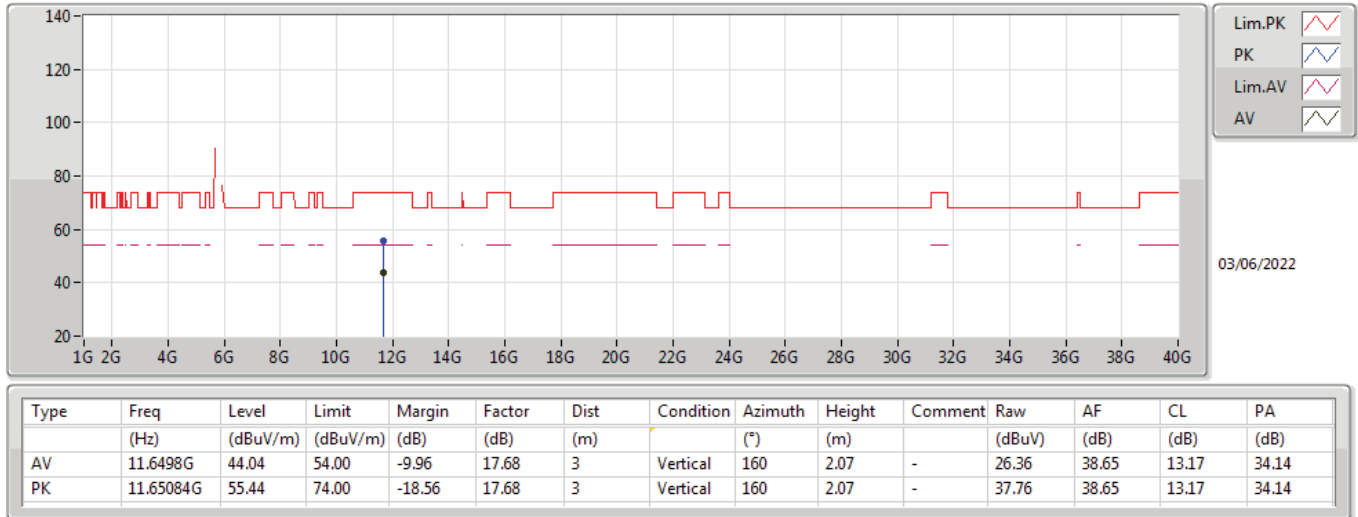
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8286G	102.86	Inf	-Inf	9.96	3	Horizontal	334	1.32	-	92.90	33.97	10.20	34.21
PK	5.5478G	58.92	68.20	-9.28	8.67	3	Horizontal	334	1.32	-	50.25	32.81	10.05	34.19
PK	5.8274G	113.36	Inf	-Inf	9.95	3	Horizontal	334	1.32	-	103.41	33.96	10.20	34.21
PK	5.9306G	61.44	68.20	-6.76	10.28	3	Horizontal	334	1.32	-	51.16	34.22	10.28	34.22

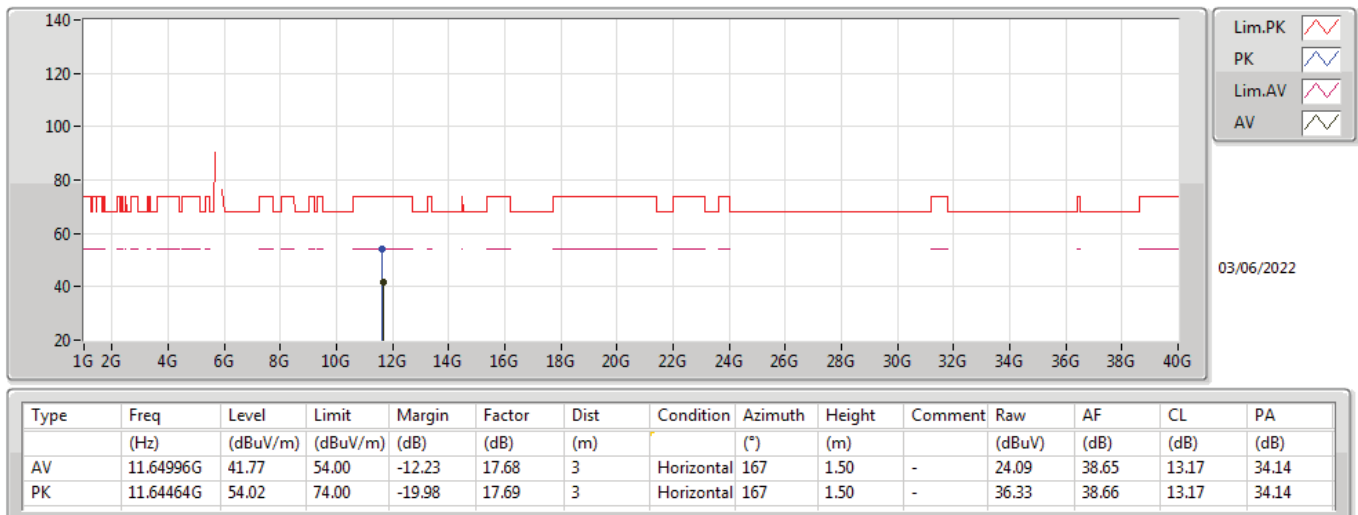
802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



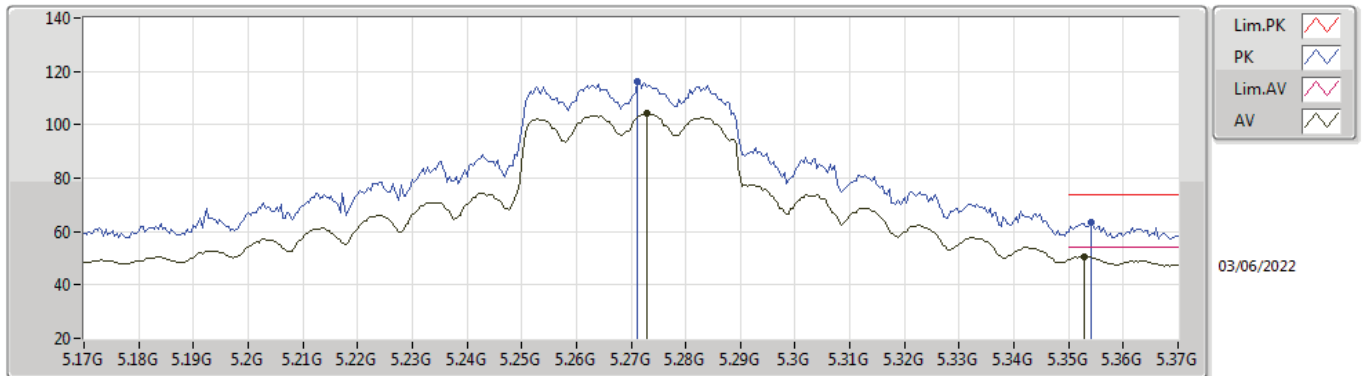
802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



802.11ax HEW40_Nss1,(MCS0)_2TX

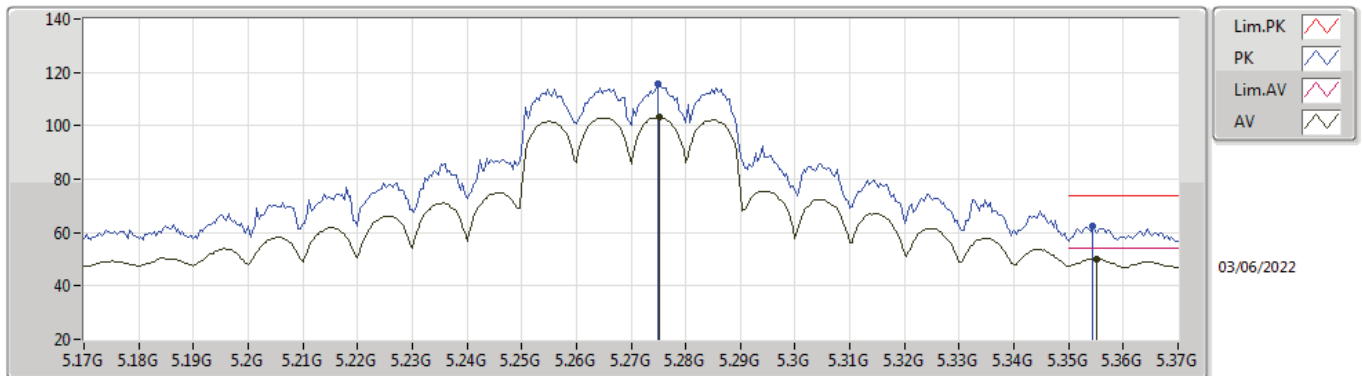
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2728G	104.09	Inf	-Inf	8.71	3	Vertical	172	1.99	-	95.38	32.95	9.91	34.15
AV	5.3528G	50.74	54.00	-3.26	8.52	3	Vertical	172	1.99	-	42.22	32.71	9.97	34.16
PK	5.2712G	116.10	Inf	-Inf	8.70	3	Vertical	172	1.99	-	107.40	32.94	9.91	34.15
PK	5.354G	63.38	74.00	-10.62	8.52	3	Vertical	172	1.99	-	54.86	32.71	9.97	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

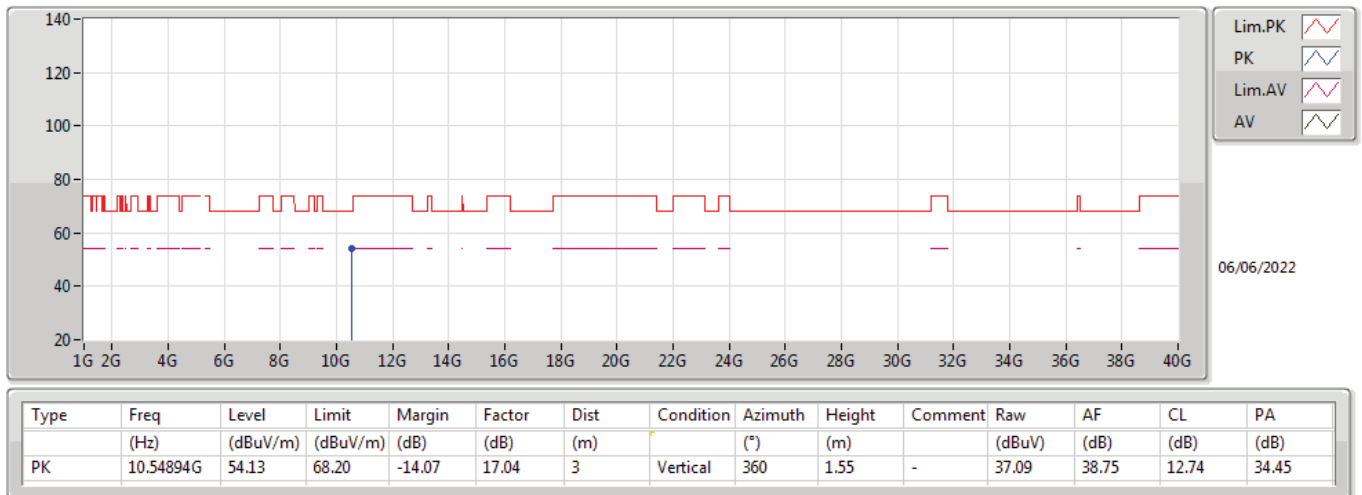
5270MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.2752G	103.15	Inf	-Inf	8.71	3	Horizontal	160	1.88	-	94.44	32.95	9.91	34.15
AV	5.3552G	50.11	54.00	-3.89	8.52	3	Horizontal	160	1.88	-	41.59	32.71	9.97	34.16
PK	5.2748G	115.45	Inf	-Inf	8.71	3	Horizontal	160	1.88	-	106.74	32.95	9.91	34.15
PK	5.3544G	62.23	74.00	-11.77	8.52	3	Horizontal	160	1.88	-	53.71	32.71	9.97	34.16

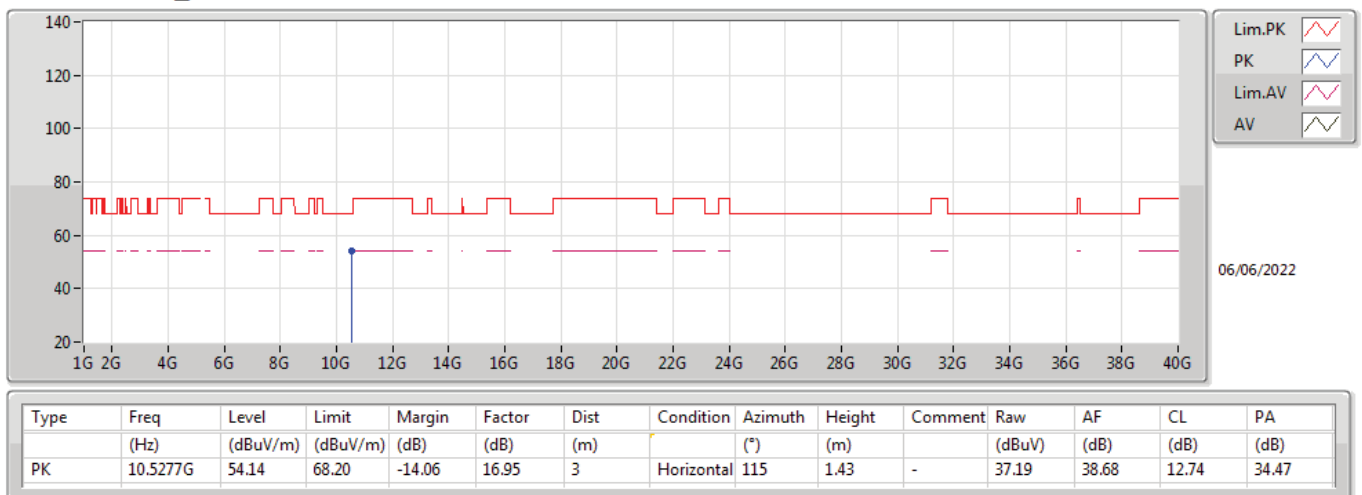
802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TX



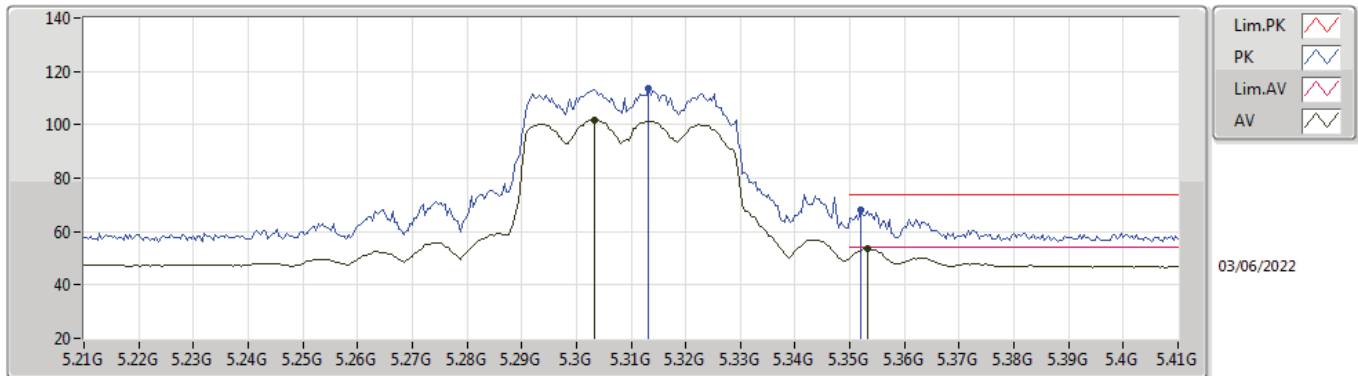
802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TX



802.11ax HEW40_Nss1,(MCS0)_2TX

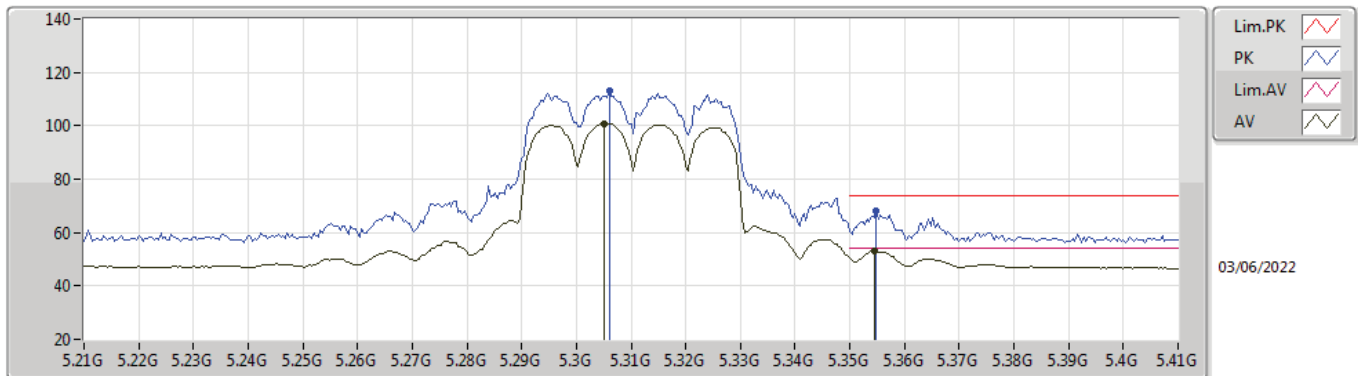
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3032G	101.86	Inf	-Inf	8.76	3	Vertical	172	1.99	-	93.10	32.98	9.93	34.15
AV	5.3532G	53.52	54.00	-0.48	8.52	3	Vertical	172	1.99	-	45.00	32.71	9.97	34.16
PK	5.3132G	113.79	Inf	-Inf	8.70	3	Vertical	172	1.99	-	105.09	32.92	9.94	34.16
PK	5.352G	68.13	74.00	-5.87	8.51	3	Vertical	172	1.99	-	59.62	32.70	9.97	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

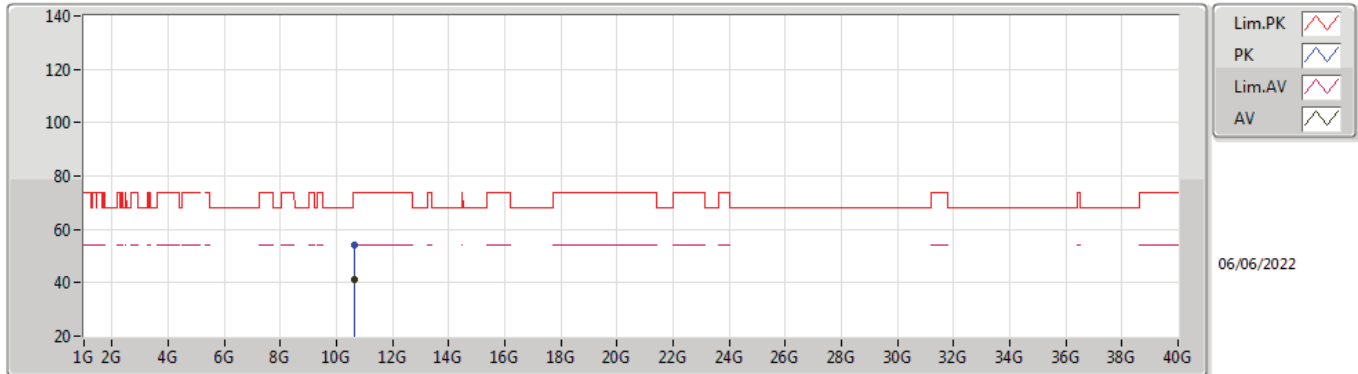
5310MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3052G	100.86	Inf	-Inf	8.75	3	Horizontal	160	2.08	-	92.11	32.97	9.93	34.15
AV	5.3544G	53.23	54.00	-0.77	8.52	3	Horizontal	160	2.08	-	44.71	32.71	9.97	34.16
PK	5.306G	113.11	Inf	-Inf	8.73	3	Horizontal	160	2.08	-	104.38	32.96	9.93	34.16
PK	5.3548G	68.08	74.00	-5.92	8.52	3	Horizontal	160	2.08	-	59.56	32.71	9.97	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

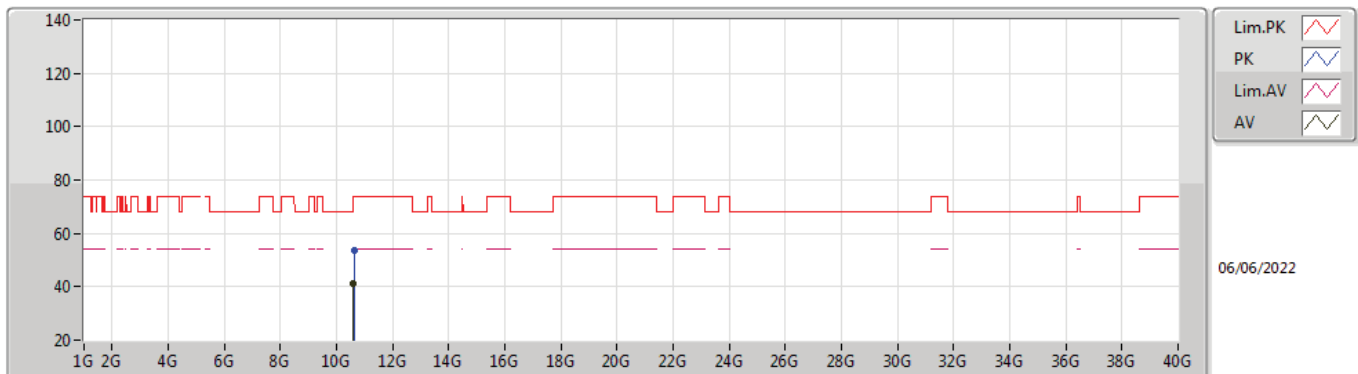
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.63368G	41.21	54.00	-12.79	17.28	3	Vertical	27	1.17	-	23.93	38.87	12.78	34.37
PK	10.6278G	54.28	74.00	-19.72	17.27	3	Vertical	27	1.17	-	37.01	38.87	12.77	34.37

802.11ax HEW40_Nss1,(MCS0)_2TX

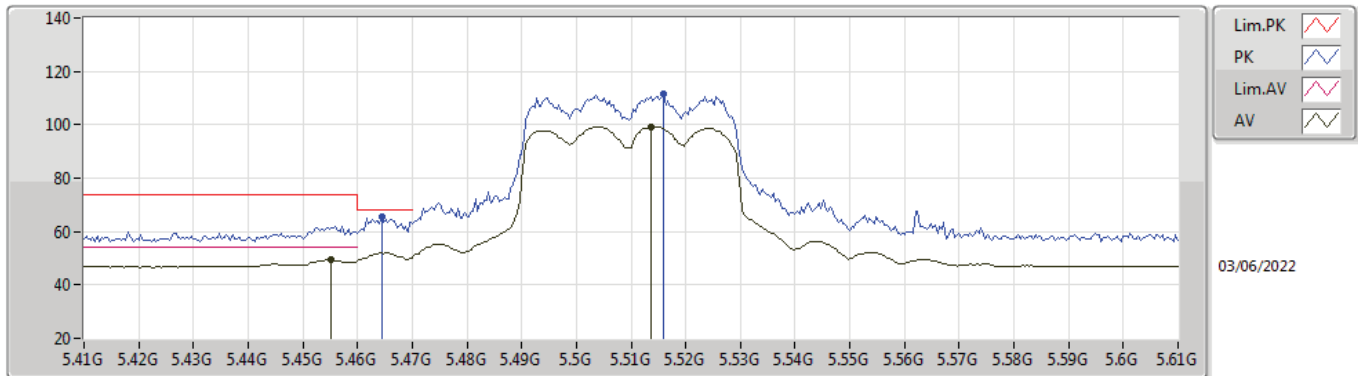
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60842G	40.98	54.00	-13.02	17.27	3	Horizontal	177	2.04	-	23.71	38.89	12.77	34.39
PK	10.63314G	53.45	74.00	-20.55	17.28	3	Horizontal	177	2.04	-	36.17	38.87	12.78	34.37

802.11ax HEW40_Nss1,(MCS0)_2TX

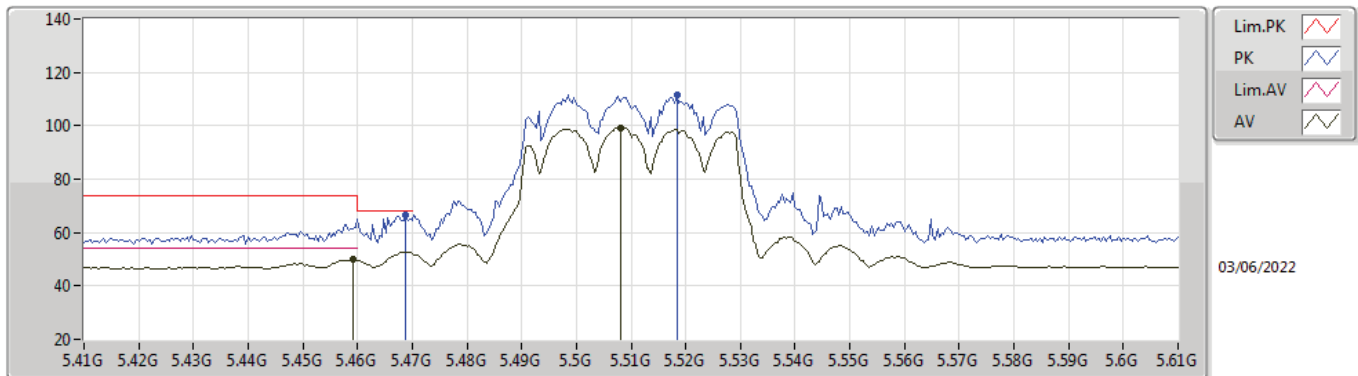
5510MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4552G	49.44	54.00	-4.56	8.75	3	Vertical	166	1.50	-	40.69	32.91	10.02	34.18
AV	5.5136G	99.33	Inf	-Inf	8.80	3	Vertical	166	1.50	-	90.53	32.95	10.04	34.19
PK	5.4644G	65.27	68.20	-2.93	8.77	3	Vertical	166	1.50	-	56.50	32.93	10.02	34.18
PK	5.516G	111.54	Inf	-Inf	8.79	3	Vertical	166	1.50	-	102.75	32.94	10.04	34.19

802.11ax HEW40_Nss1,(MCS0)_2TX

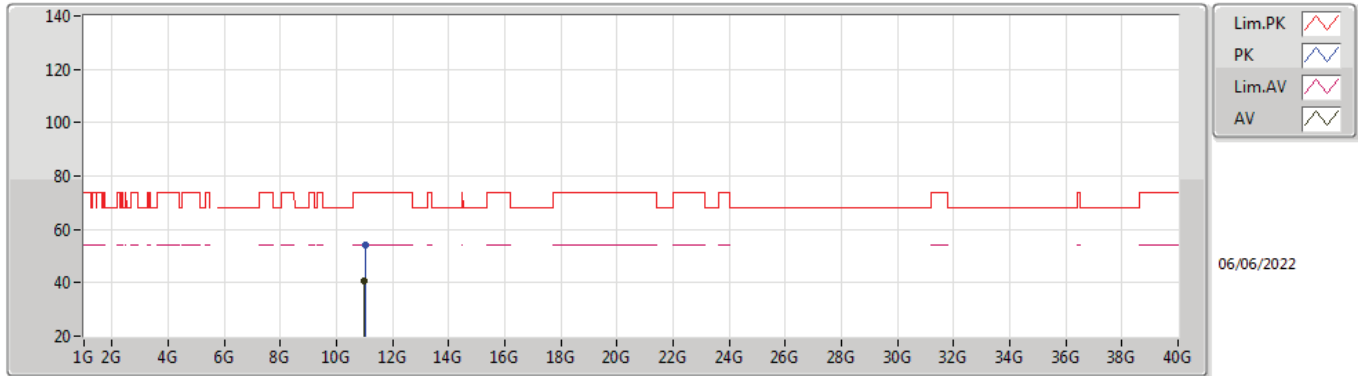
5510MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4592G	50.11	54.00	-3.89	8.76	3	Horizontal	146	2.88	-	41.35	32.92	10.02	34.18
AV	5.508G	99.20	Inf	-Inf	8.82	3	Horizontal	146	2.88	-	90.38	32.97	10.04	34.19
PK	5.4688G	66.53	68.20	-1.67	8.78	3	Horizontal	146	2.88	-	57.75	32.94	10.02	34.18
PK	5.5184G	111.53	Inf	-Inf	8.78	3	Horizontal	146	2.88	-	102.75	32.93	10.04	34.19

802.11ax HEW40_Nss1,(MCS0)_2TX

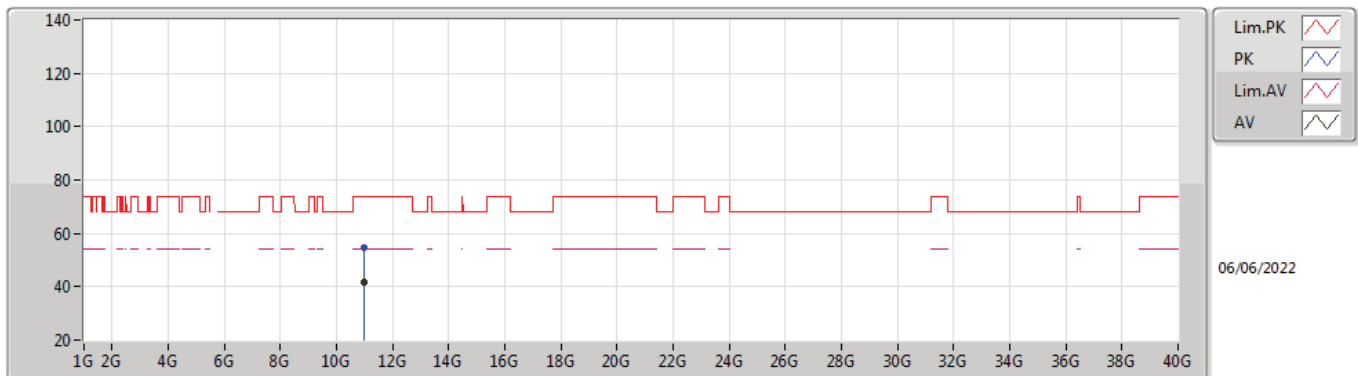
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.00758G	40.92	54.00	-13.08	17.68	3	Vertical	48	1.50	-	23.24	38.80	12.92	34.04
PK	11.01166G	54.04	74.00	-19.96	17.68	3	Vertical	48	1.50	-	36.36	38.80	12.92	34.04

802.11ax HEW40_Nss1,(MCS0)_2TX

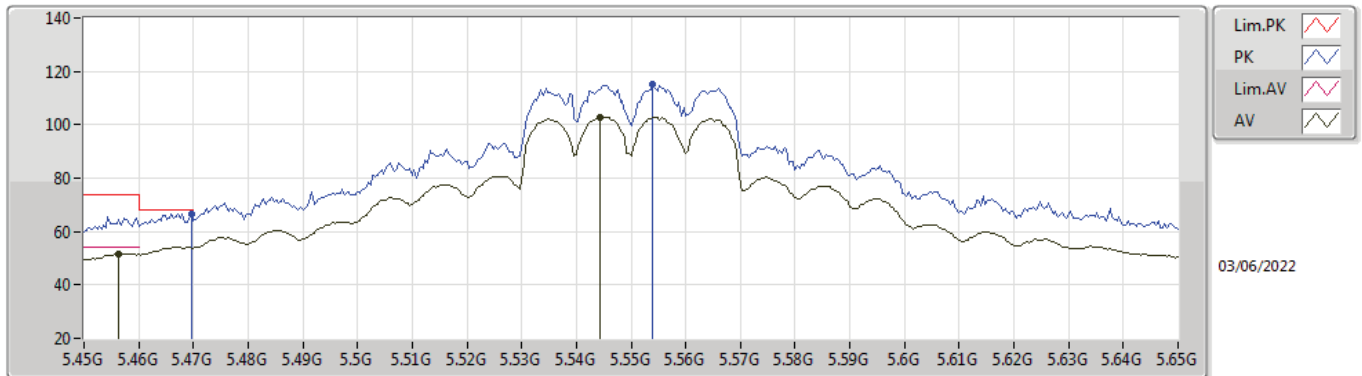
5510MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.0065G	41.58	54.00	-12.42	17.68	3	Horizontal	117	1.20	-	23.90	38.80	12.92	34.04
PK	11.00632G	54.65	74.00	-19.35	17.68	3	Horizontal	117	1.20	-	36.97	38.80	12.92	34.04

802.11ax HEW40_Nss1,(MCS0)_2TX

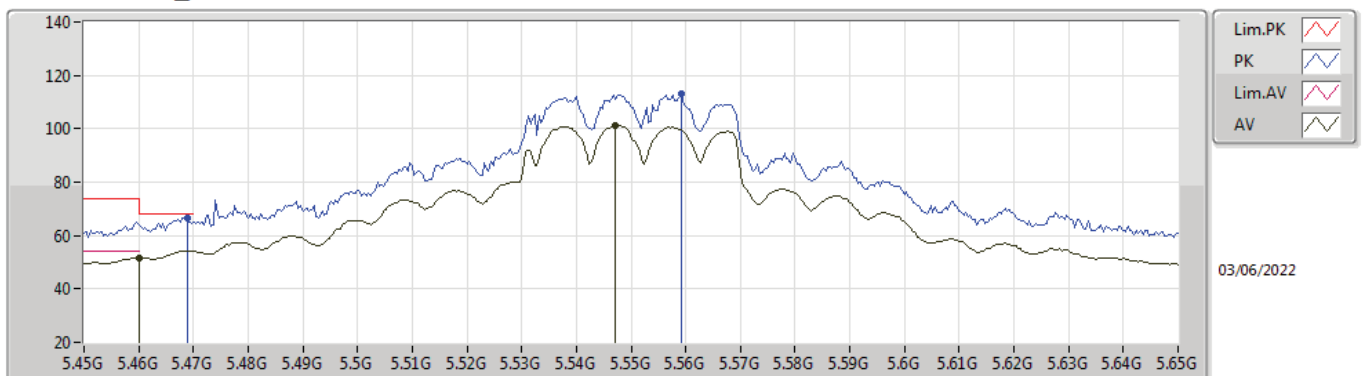
5550MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4564G	51.72	54.00	-2.28	8.75	3	Vertical	230	1.80	-	42.97	32.91	10.02	34.18
AV	5.5444G	102.94	Inf	-Inf	8.68	3	Vertical	230	1.80	-	94.26	32.82	10.05	34.19
PK	5.4696G	66.63	68.20	-1.57	8.78	3	Vertical	230	1.80	-	57.85	32.94	10.02	34.18
PK	5.554G	115.40	Inf	-Inf	8.68	3	Vertical	230	1.80	-	106.72	32.82	10.05	34.19

802.11ax HEW40_Nss1,(MCS0)_2TX

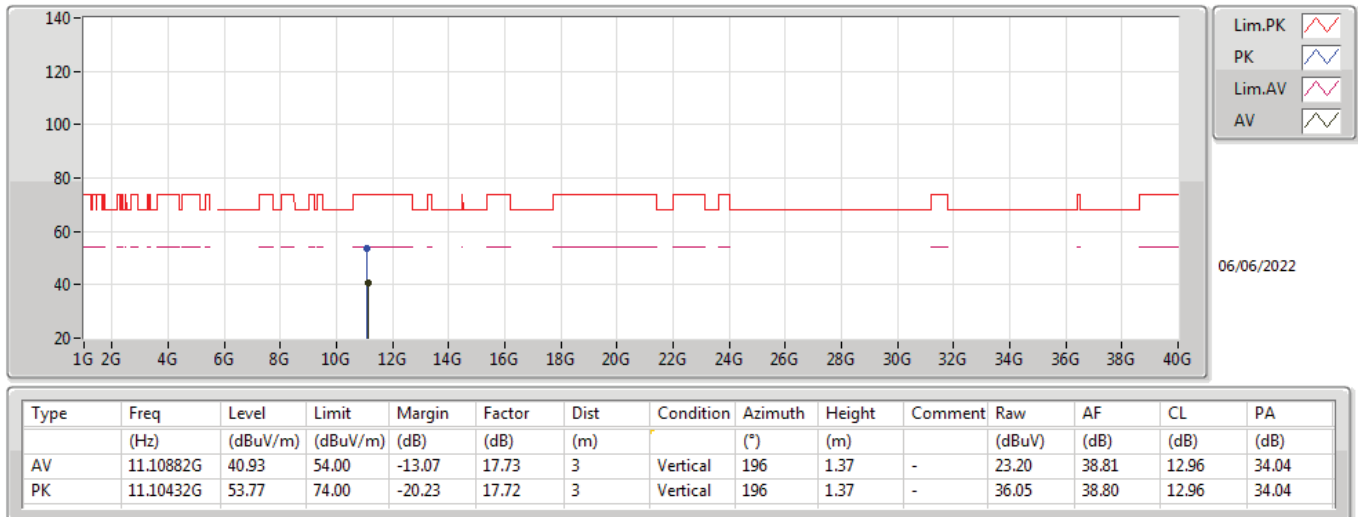
5550MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.46G	51.51	54.00	-2.49	8.76	3	Horizontal	185	2.03	-	42.75	32.92	10.02	34.18
AV	5.5472G	101.24	Inf	-Inf	8.67	3	Horizontal	185	2.03	-	92.57	32.81	10.05	34.19
PK	5.4688G	66.60	68.20	-1.60	8.78	3	Horizontal	185	2.03	-	57.82	32.94	10.02	34.18
PK	5.5592G	113.02	Inf	-Inf	8.73	3	Horizontal	185	2.03	-	104.29	32.86	10.06	34.19

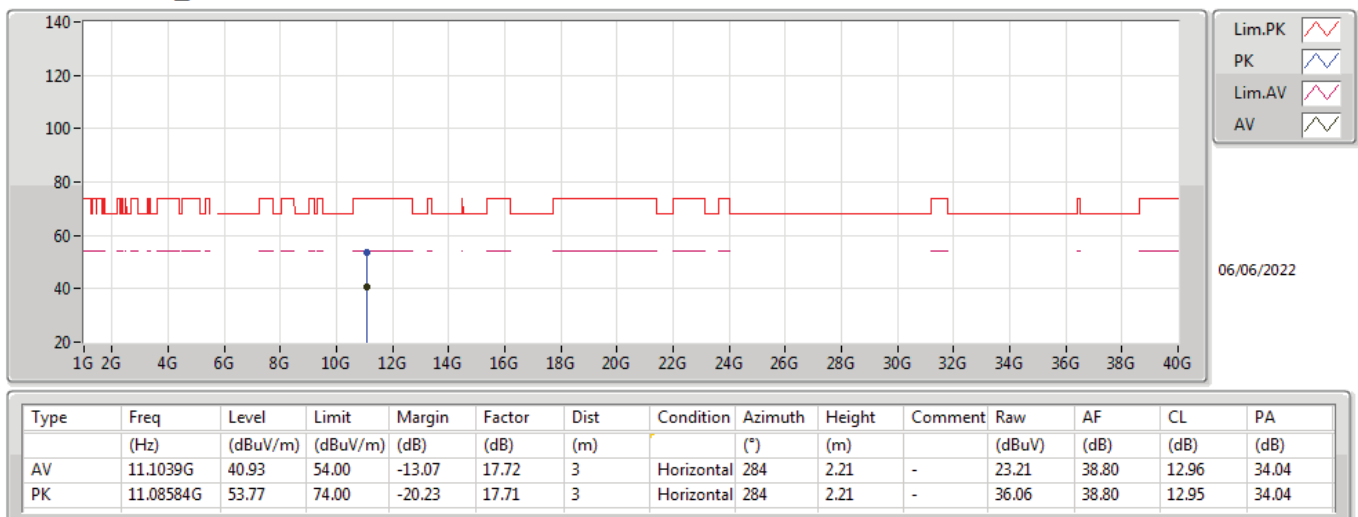
802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



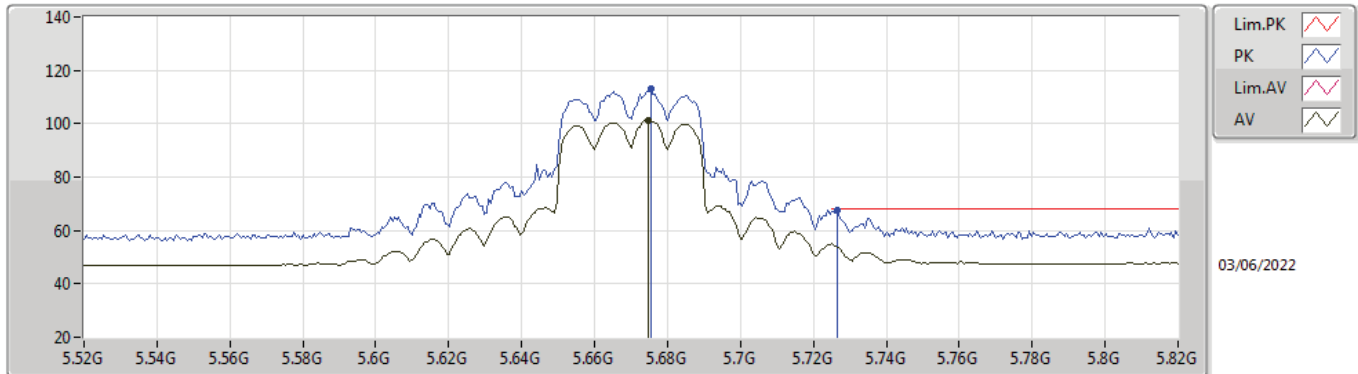
802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX



802.11ax HEW40_Nss1,(MCS0)_2TX

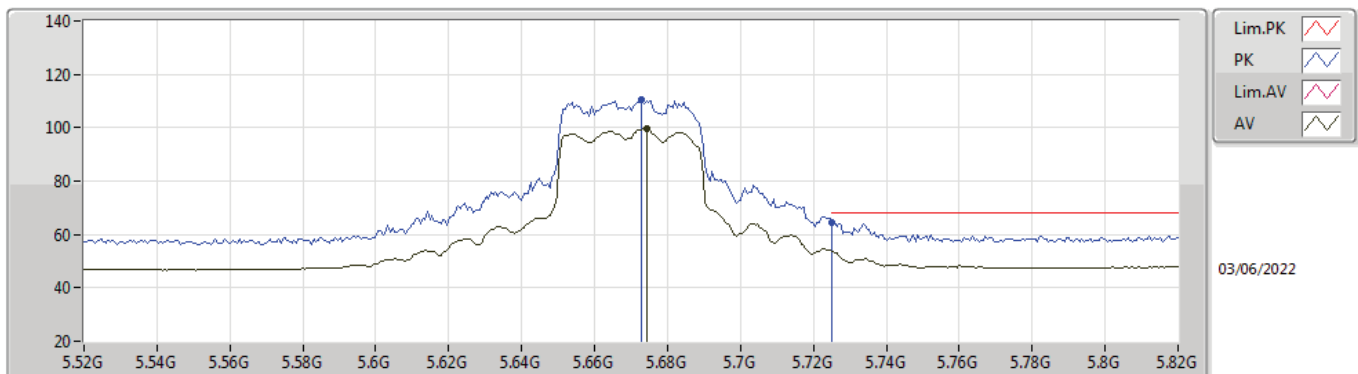
5670MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6748G	101.31	Inf	-Inf	9.26	3	Vertical	181	1.50	-	92.05	33.35	10.11	34.20
PK	5.6754G	113.04	Inf	-Inf	9.26	3	Vertical	181	1.50	-	103.78	33.35	10.11	34.20
PK	5.7264G	67.61	68.20	-0.59	9.50	3	Vertical	181	1.50	-	58.11	33.56	10.14	34.20

802.11ax HEW40_Nss1,(MCS0)_2TX

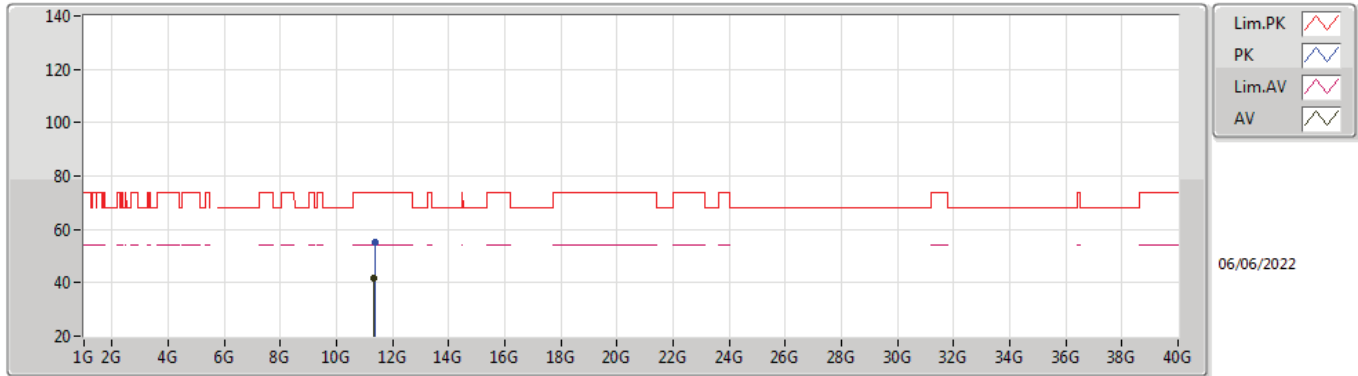
5670MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.6742G	99.55	Inf	-Inf	9.26	3	Horizontal	329	1.50	-	90.29	33.35	10.11	34.20
PK	5.673G	110.26	Inf	-Inf	9.26	3	Horizontal	329	1.50	-	101.00	33.35	10.11	34.20
PK	5.7252G	64.72	68.20	-3.48	9.49	3	Horizontal	329	1.50	-	55.23	33.55	10.14	34.20

802.11ax HEW40_Nss1,(MCS0)_2TX

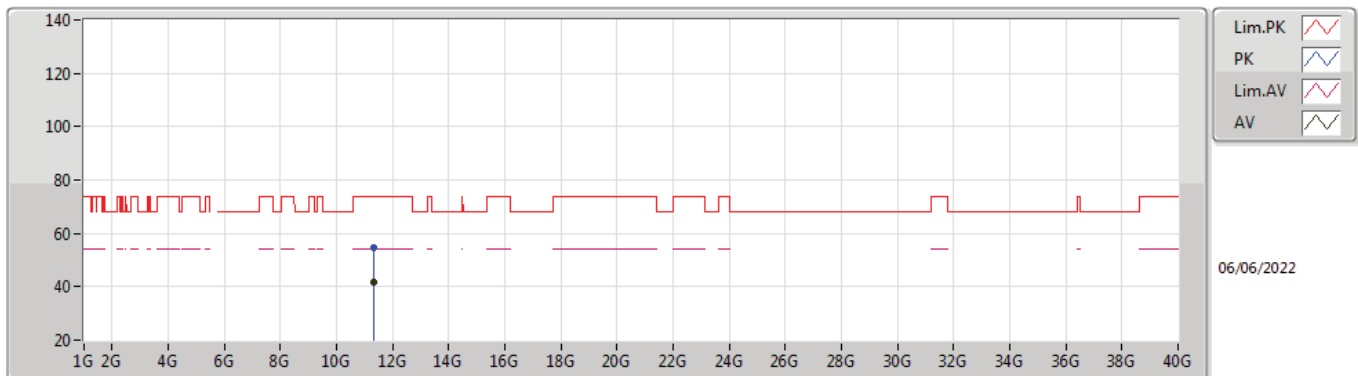
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.3511G	41.68	54.00	-12.32	18.11	3	Vertical	163	2.62	-	23.57	39.10	13.06	34.05
PK	11.35272G	55.02	74.00	-18.98	18.11	3	Vertical	163	2.62	-	36.91	39.10	13.06	34.05

802.11ax HEW40_Nss1,(MCS0)_2TX

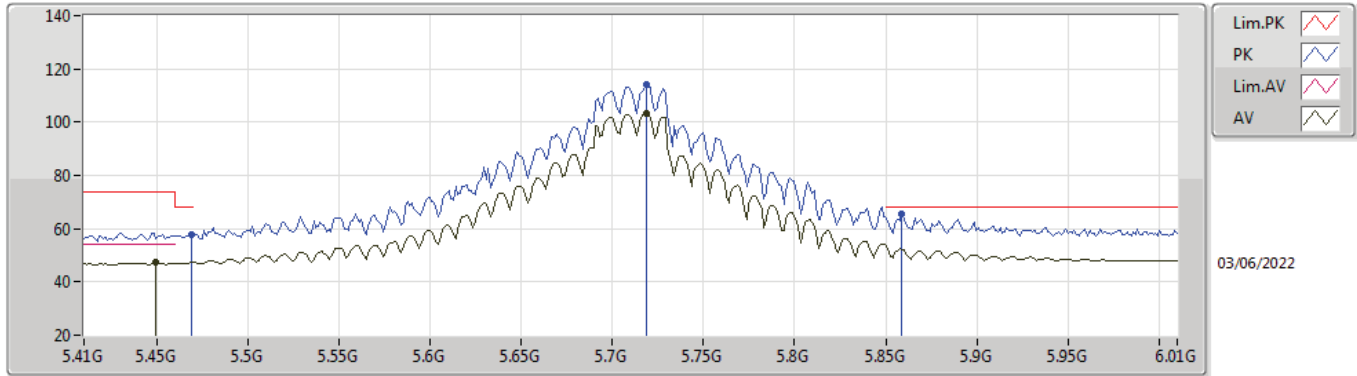
5670MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.35218G	41.64	54.00	-12.36	18.11	3	Horizontal	97	2.63	-	23.53	39.10	13.06	34.05
PK	11.3493G	54.41	74.00	-19.59	18.11	3	Horizontal	97	2.63	-	36.30	39.10	13.06	34.05

802.11ax HEW40_Nss1,(MCS0)_2TX

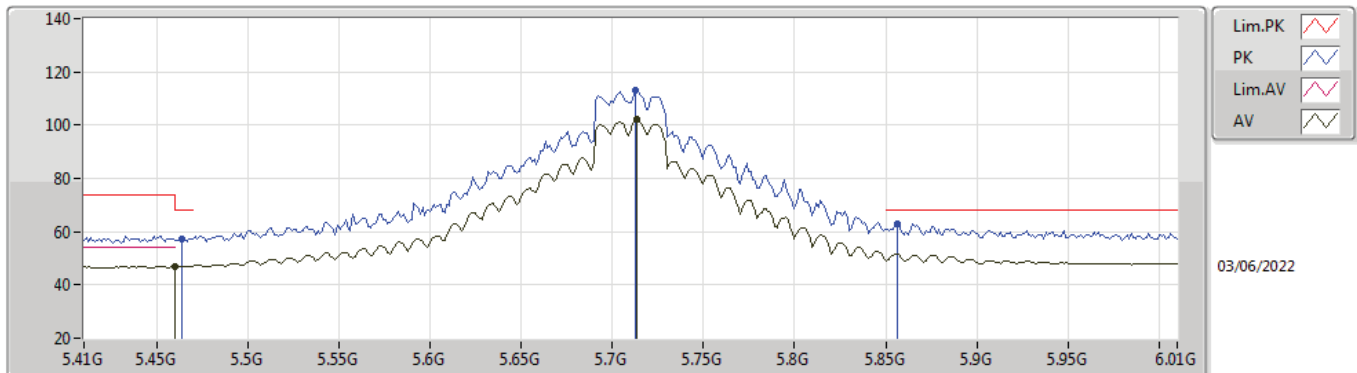
5710MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4496G	47.25	54.00	-6.75	8.74	3	Vertical	97	1.50	-	38.51	32.90	10.02	34.18
AV	5.7184G	103.32	Inf	-Inf	9.45	3	Vertical	97	1.50	-	93.87	33.51	10.14	34.20
PK	5.4688G	57.74	68.20	-10.46	8.78	3	Vertical	97	1.50	-	48.96	32.94	10.02	34.18
PK	5.7184G	114.19	Inf	-Inf	9.45	3	Vertical	97	1.50	-	104.74	33.51	10.14	34.20
PK	5.8588G	65.56	68.20	-2.64	10.11	3	Vertical	97	1.50	-	55.45	34.10	10.22	34.21

802.11ax HEW40_Nss1,(MCS0)_2TX

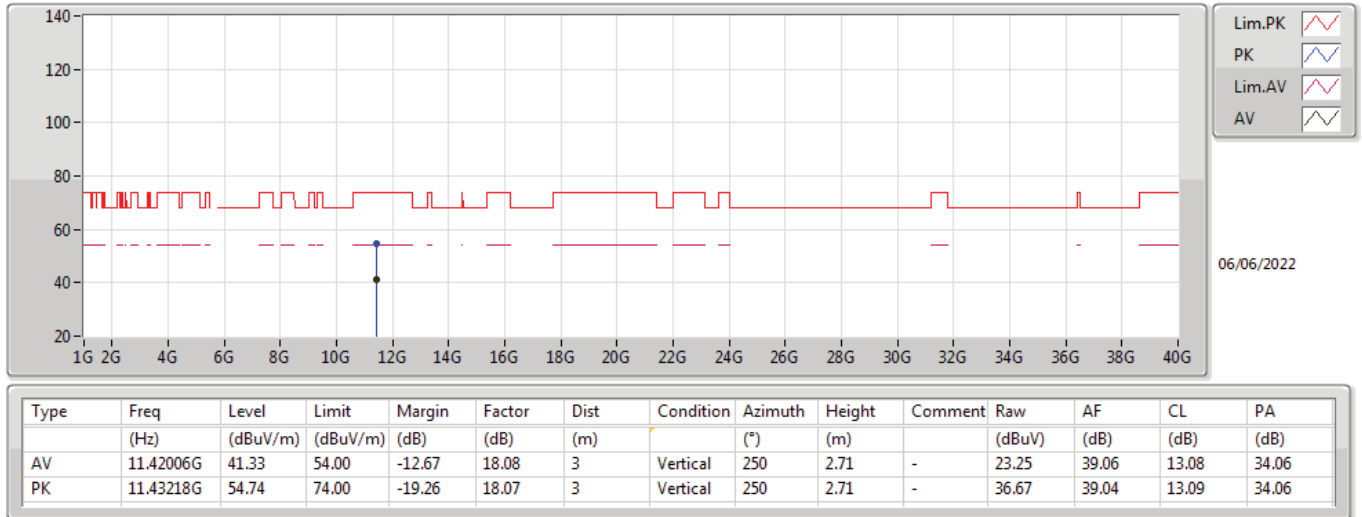
5710MHz_TX



Type	Freq	Level	Limit	Margin	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	46.85	54.00	-7.15	8.76	3	Horizontal	330	1.41	-	38.09	32.92	10.02	34.18
AV	5.7136G	102.09	Inf	-Inf	9.41	3	Horizontal	330	1.41	-	92.68	33.48	10.13	34.20
PK	5.464G	57.36	68.20	-10.84	8.77	3	Horizontal	330	1.41	-	48.59	32.93	10.02	34.18
PK	5.7124G	113.11	Inf	-Inf	9.40	3	Horizontal	330	1.41	-	103.71	33.47	10.13	34.20
PK	5.8564G	62.91	68.20	-5.29	10.11	3	Horizontal	330	1.41	-	52.80	34.10	10.22	34.21

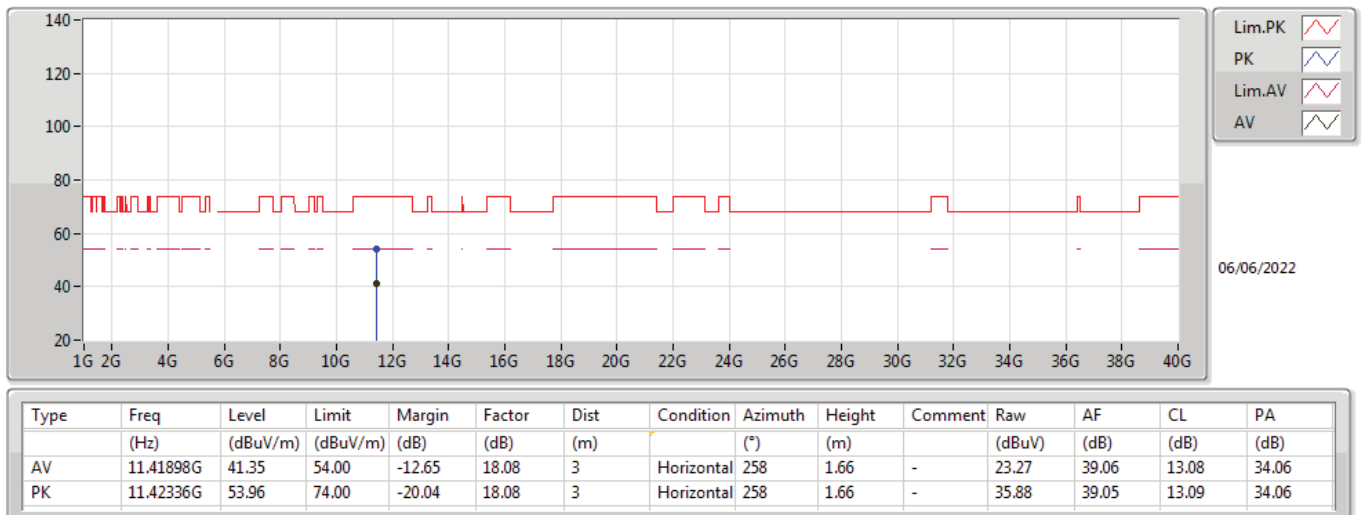
802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz_TX



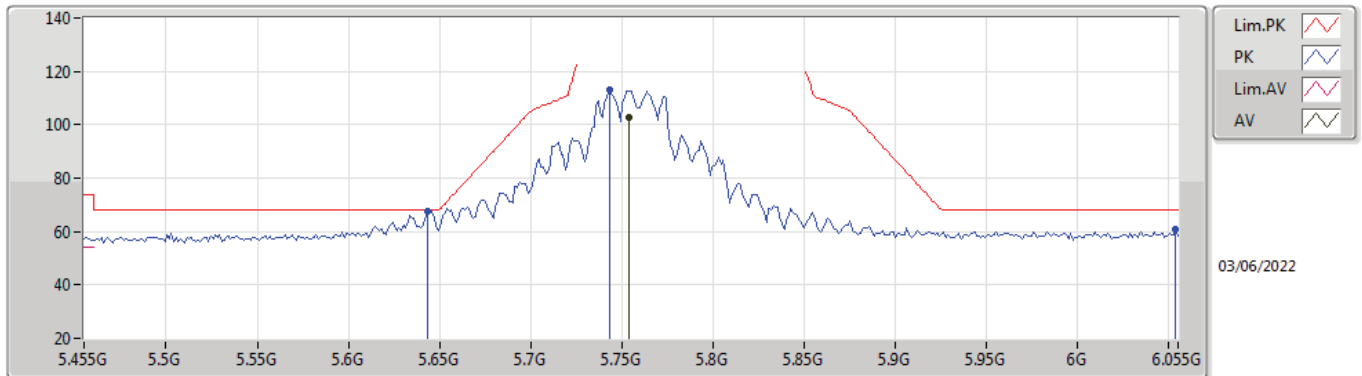
802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz_TX



802.11ax HEW40_Nss1,(MCS0)_2TX

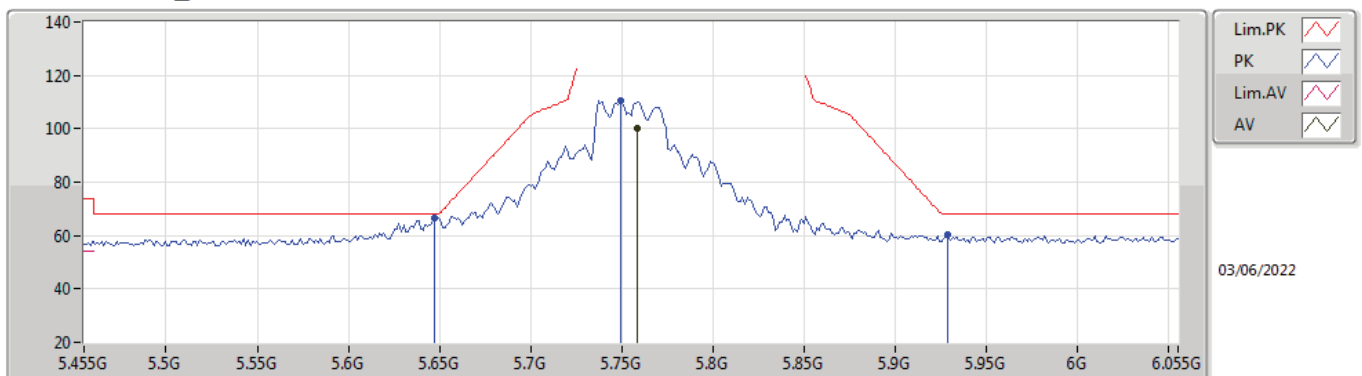
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7538G	102.62	Inf	-Inf	9.65	3	Vertical	99	1.74	-	92.97	33.71	10.15	34.21
PK	5.6434G	67.77	68.20	-0.43	9.16	3	Vertical	99	1.74	-	58.61	33.27	10.09	34.20
PK	5.743G	113.27	Inf	-Inf	9.61	3	Vertical	99	1.74	-	103.66	33.66	10.15	34.20
PK	6.0538G	60.83	68.20	-7.37	10.35	3	Vertical	99	1.74	-	50.48	34.19	10.38	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

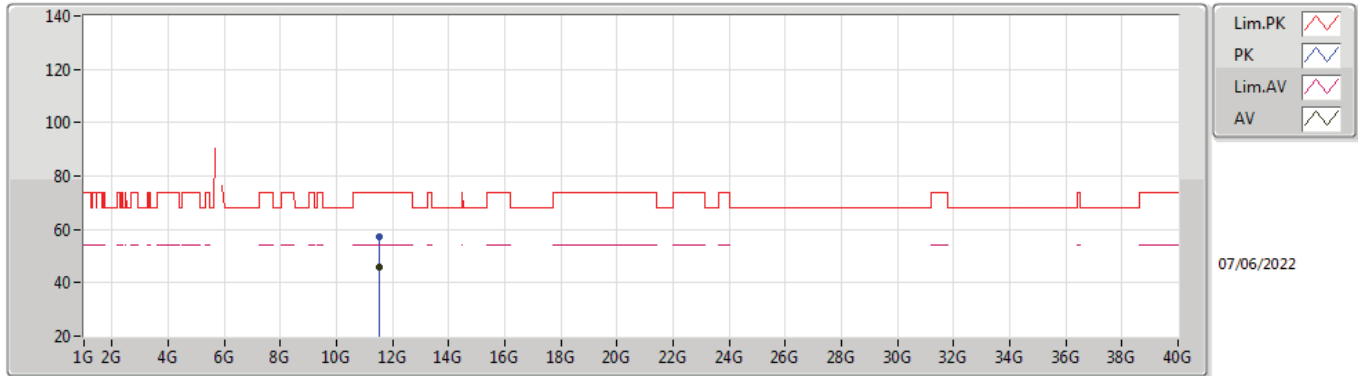
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7586G	99.93	Inf	-Inf	9.67	3	Horizontal	332	1.50	-	90.26	33.72	10.16	34.21
PK	5.647G	66.71	68.20	-1.49	9.19	3	Horizontal	332	1.50	-	57.52	33.29	10.10	34.20
PK	5.749G	110.66	Inf	-Inf	9.64	3	Horizontal	332	1.50	-	101.02	33.69	10.15	34.20
PK	5.929G	60.37	68.20	-7.83	10.28	3	Horizontal	332	1.50	-	50.09	34.22	10.28	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

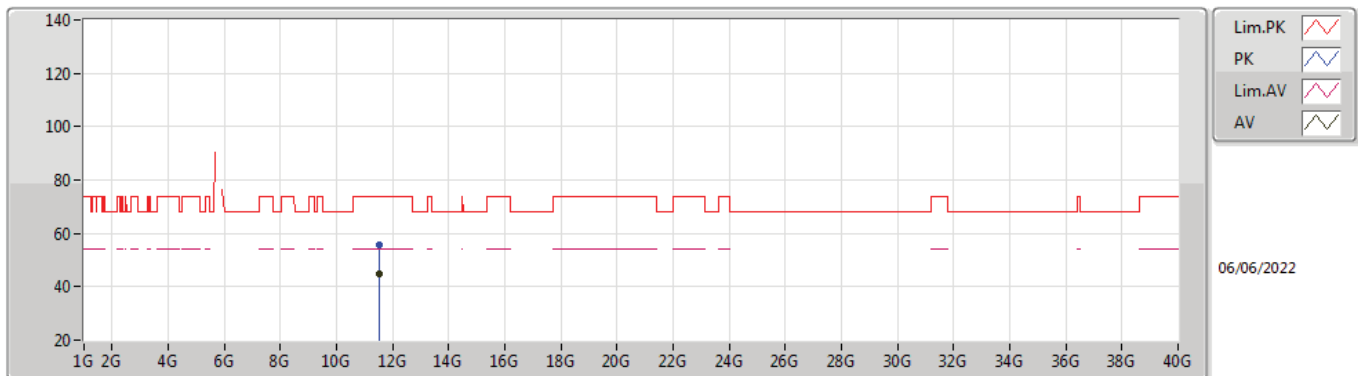
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.50982G	45.96	54.00	-8.04	17.93	3	Vertical	184	1.19	-	28.03	38.88	13.12	34.07
PK	11.51894G	57.18	74.00	-16.82	17.91	3	Vertical	184	1.19	-	39.27	38.86	13.12	34.07

802.11ax HEW40_Nss1,(MCS0)_2TX

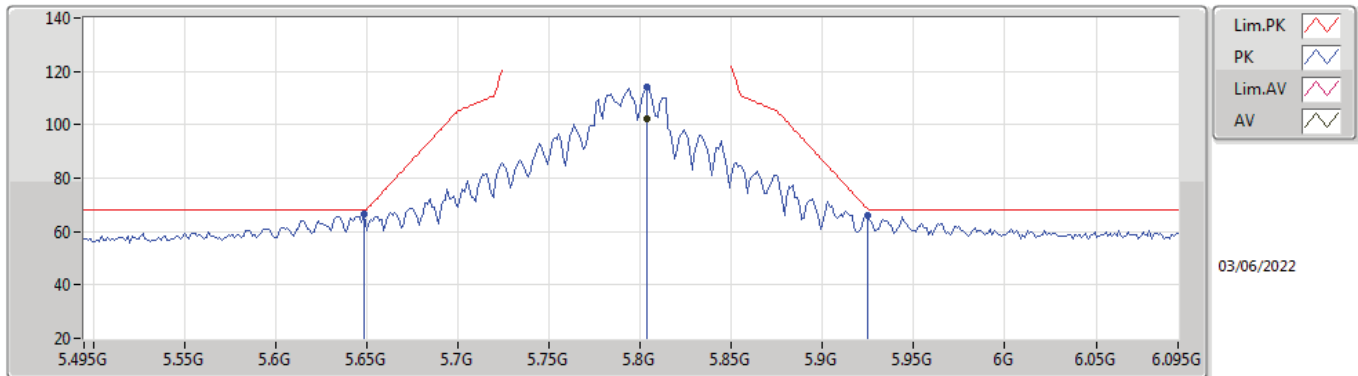
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.50988G	44.78	54.00	-9.22	17.93	3	Horizontal	165	2.29	-	26.85	38.88	13.12	34.07
PK	11.51G	55.88	74.00	-18.12	17.93	3	Horizontal	165	2.29	-	37.95	38.88	13.12	34.07

802.11ax HEW40_Nss1,(MCS0)_2TX

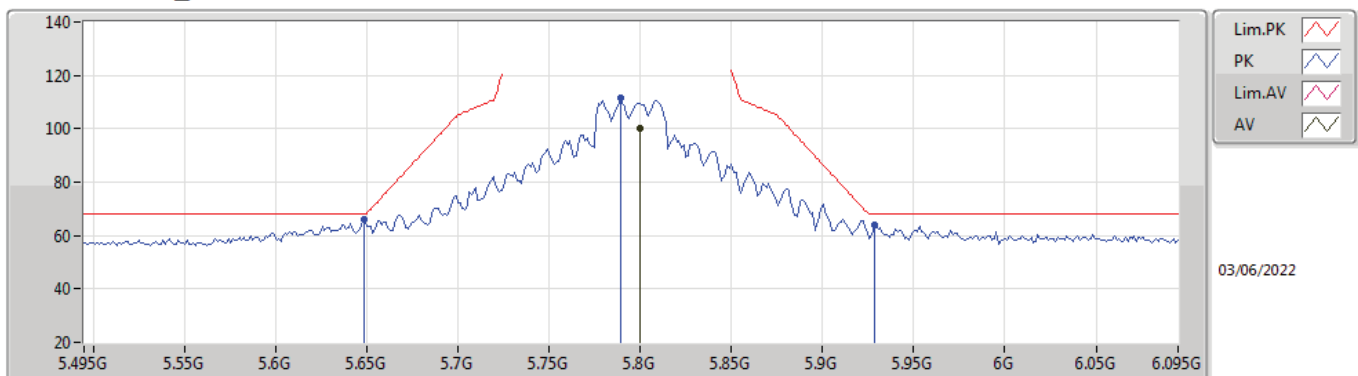
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8034G	102.03	Inf	-Inf	9.79	3	Vertical	99	1.71	-	92.24	33.82	10.18	34.21
PK	5.6486G	66.52	68.20	-1.68	9.19	3	Vertical	99	1.71	-	57.33	33.29	10.10	34.20
PK	5.8034G	114.23	Inf	-Inf	9.79	3	Vertical	99	1.71	-	104.44	33.82	10.18	34.21
PK	5.9246G	66.27	68.50	-2.23	10.25	3	Vertical	99	1.71	-	56.02	34.20	10.27	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

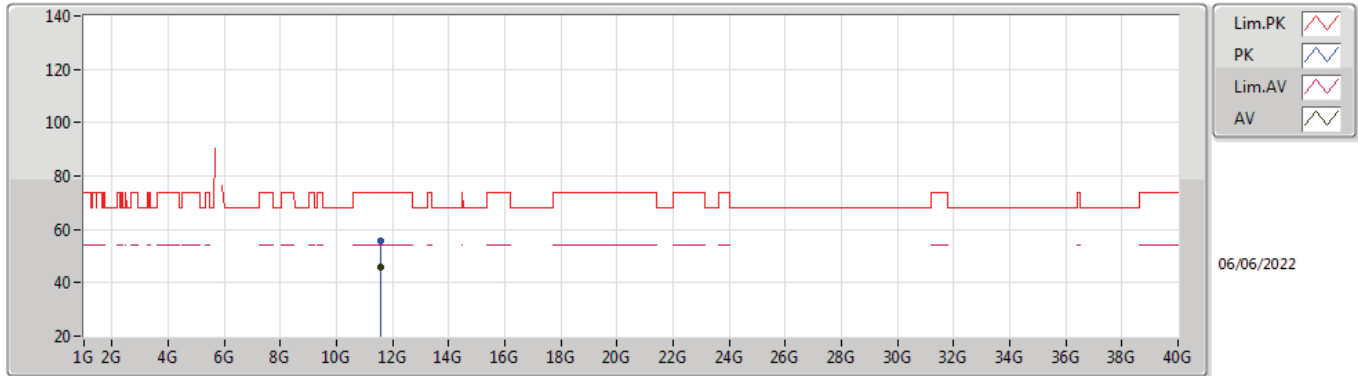
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7998G	100.18	Inf	-Inf	9.77	3	Horizontal	332	1.38	-	90.41	33.80	10.18	34.21
PK	5.6486G	66.05	68.20	-2.15	9.19	3	Horizontal	332	1.38	-	56.86	33.29	10.10	34.20
PK	5.789G	111.72	Inf	-Inf	9.74	3	Horizontal	332	1.38	-	101.98	33.78	10.17	34.21
PK	5.9282G	63.93	68.20	-4.27	10.27	3	Horizontal	332	1.38	-	53.66	34.21	10.28	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

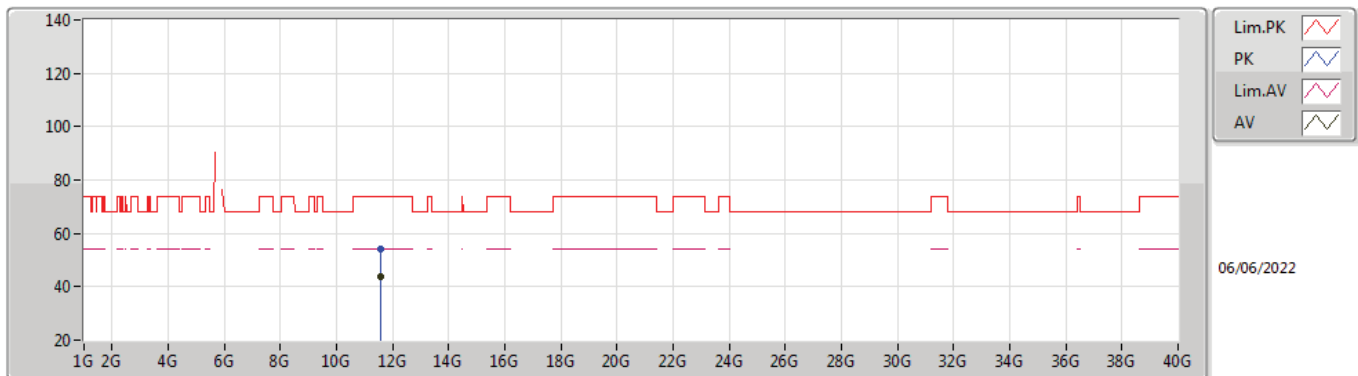
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58988G	46.09	54.00	-7.91	17.76	3	Vertical	182	1.00	-	28.33	38.72	13.15	34.11
PK	11.59G	55.48	74.00	-18.52	17.76	3	Vertical	182	1.00	-	37.72	38.72	13.15	34.11

802.11ax HEW40_Nss1,(MCS0)_2TX

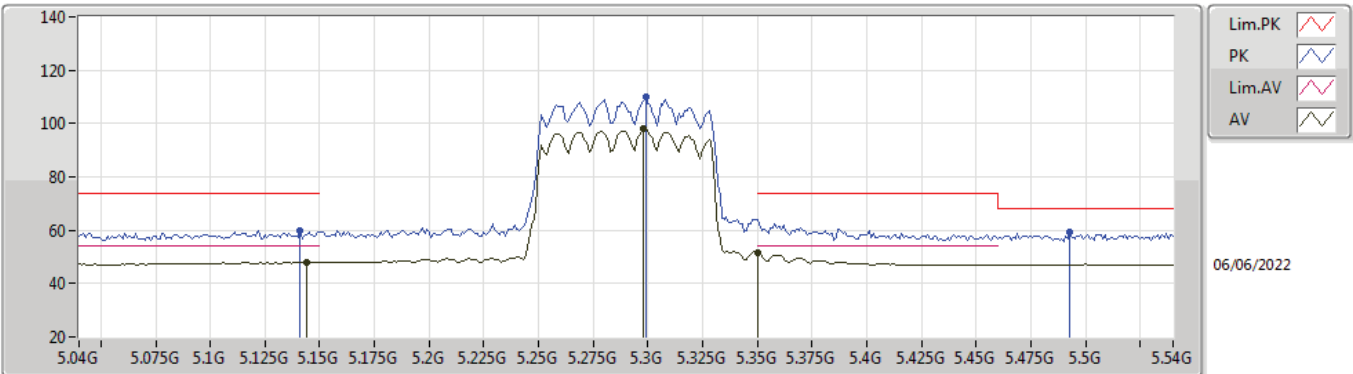
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58988G	43.59	54.00	-10.41	17.76	3	Horizontal	196	1.48	-	25.83	38.72	13.15	34.11
PK	11.59012G	54.37	74.00	-19.63	17.76	3	Horizontal	196	1.48	-	36.61	38.72	13.15	34.11

802.11ax HEW80_Nss1,(MCS0)_2TX

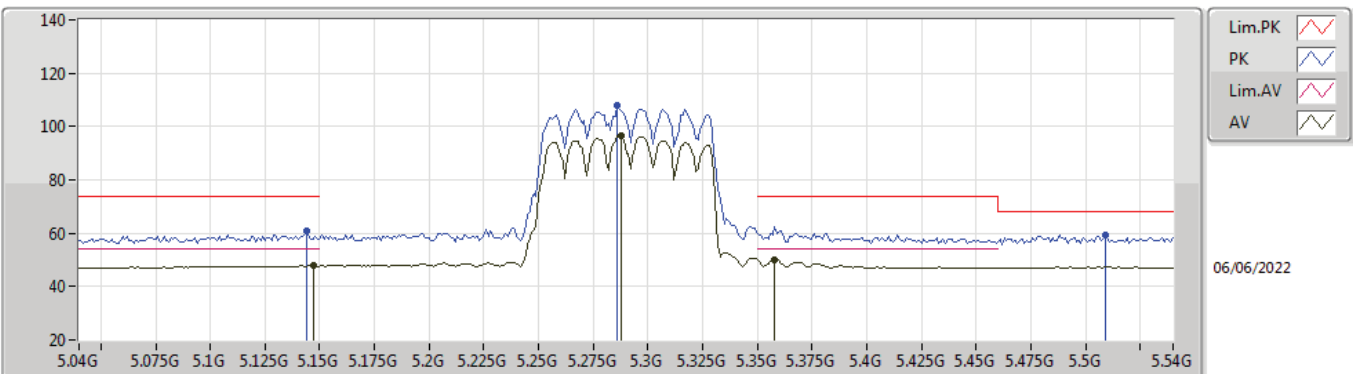
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.144G	47.94	54.00	-6.06	8.90	3	Vertical	174	2.11	-	39.04	33.20	9.83	34.13
AV	5.298G	97.85	Inf	-Inf	8.78	3	Vertical	174	2.11	-	89.07	33.00	9.93	34.15
AV	5.35G	51.60	54.00	-2.40	8.51	3	Vertical	174	2.11	-	43.09	32.70	9.97	34.16
PK	5.141G	60.07	74.00	-13.93	8.90	3	Vertical	174	2.11	-	51.17	33.20	9.83	34.13
PK	5.299G	109.94	Inf	-Inf	8.78	3	Vertical	174	2.11	-	101.16	33.00	9.93	34.15
PK	5.493G	59.12	68.20	-9.08	8.83	3	Vertical	174	2.11	-	50.29	32.99	10.03	34.19

802.11ax HEW80_Nss1,(MCS0)_2TX

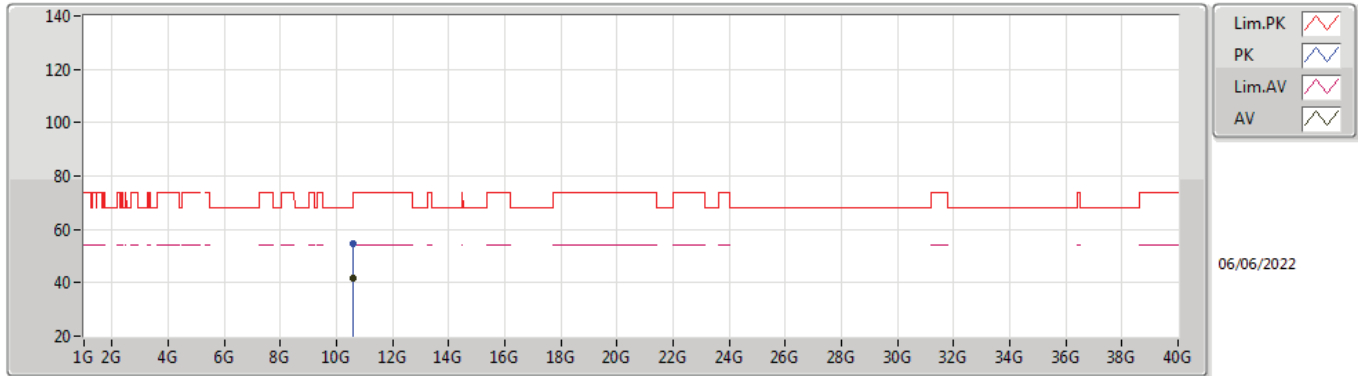
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	47.84	54.00	-6.16	8.90	3	Horizontal	186	2.32	-	38.94	33.20	9.83	34.13
AV	5.288G	96.43	Inf	-Inf	8.75	3	Horizontal	186	2.32	-	87.68	32.98	9.92	34.15
AV	5.358G	50.07	54.00	-3.93	8.53	3	Horizontal	186	2.32	-	41.54	32.72	9.97	34.16
PK	5.144G	60.65	74.00	-13.35	8.90	3	Horizontal	186	2.32	-	51.75	33.20	9.83	34.13
PK	5.286G	107.94	Inf	-Inf	8.74	3	Horizontal	186	2.32	-	99.20	32.97	9.92	34.15
PK	5.509G	59.27	68.20	-8.93	8.81	3	Horizontal	186	2.32	-	50.46	32.96	10.04	34.19

802.11ax HEW80_Nss1,(MCS0)_2TX

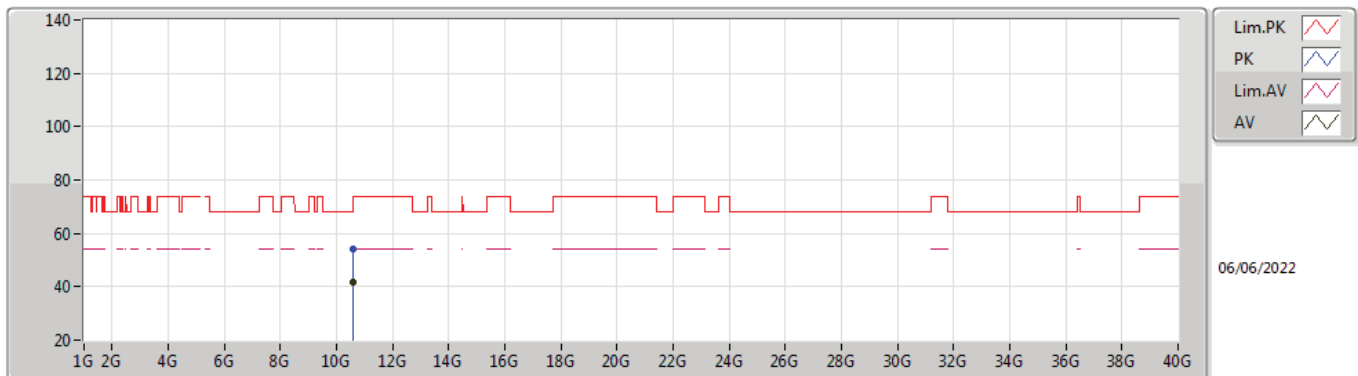
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.6064G	41.70	54.00	-12.30	17.27	3	Vertical	29	1.50	-	24.43	38.89	12.77	34.39
PK	10.57008G	54.70	68.20	-13.50	17.13	3	Vertical	29	1.50	-	37.57	38.81	12.75	34.43

802.11ax HEW80_Nss1,(MCS0)_2TX

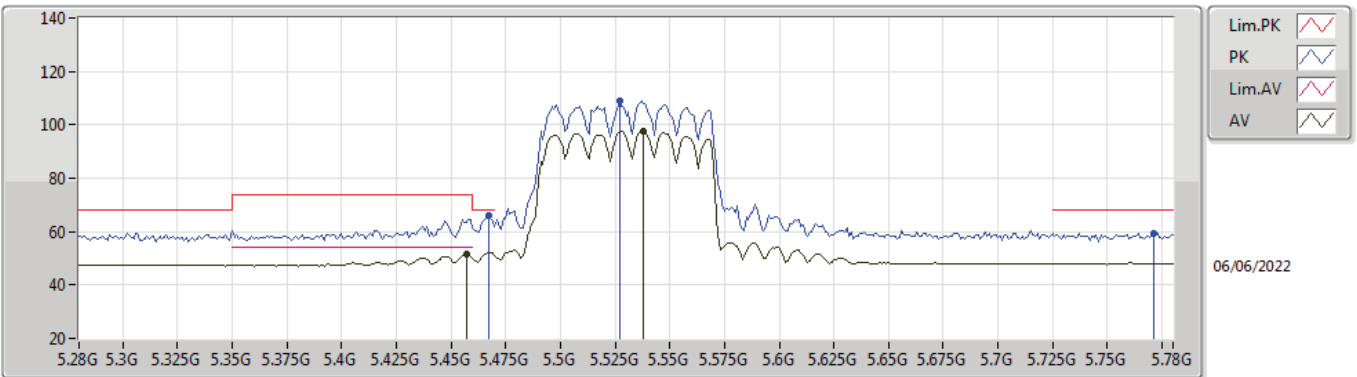
5290MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	10.60352G	41.67	54.00	-12.33	17.27	3	Horizontal	343	2.71	-	24.40	38.90	12.77	34.40
PK	10.59296G	54.04	68.20	-14.16	17.23	3	Horizontal	343	2.71	-	36.81	38.88	12.76	34.41

802.11ax HEW80_Nss1,(MCS0)_2TX

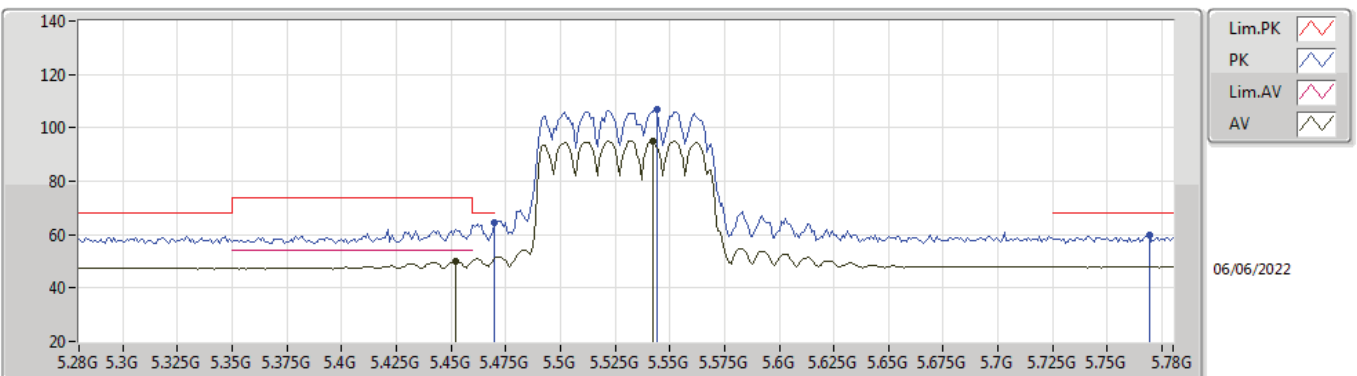
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.457G	51.49	54.00	-2.51	8.75	3	Vertical	226	1.79	-	42.74	32.91	10.02	34.18
AV	5.538G	97.63	Inf	-Inf	8.71	3	Vertical	226	1.79	-	88.92	32.85	10.05	34.19
PK	5.467G	65.92	68.20	-2.28	8.77	3	Vertical	226	1.79	-	57.15	32.93	10.02	34.18
PK	5.527G	109.20	Inf	-Inf	8.74	3	Vertical	226	1.79	-	100.46	32.89	10.04	34.19
PK	5.771G	59.50	68.20	-8.70	9.69	3	Vertical	226	1.79	-	49.81	33.74	10.16	34.21

802.11ax HEW80_Nss1,(MCS0)_2TX

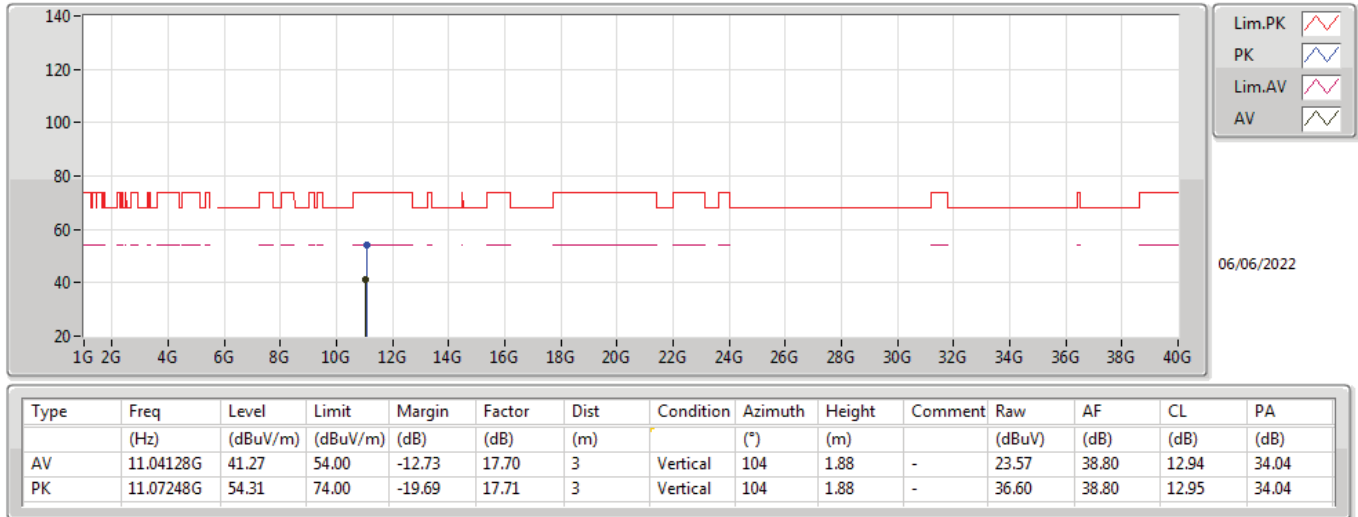
5530MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.452G	50.15	54.00	-3.85	8.74	3	Horizontal	184	2.28	-	41.41	32.90	10.02	34.18
AV	5.542G	95.16	Inf	-Inf	8.69	3	Horizontal	184	2.28	-	86.47	32.83	10.05	34.19
PK	5.47G	64.53	68.20	-3.67	8.78	3	Horizontal	184	2.28	-	55.75	32.94	10.02	34.18
PK	5.544G	106.73	Inf	-Inf	8.68	3	Horizontal	184	2.28	-	98.05	32.82	10.05	34.19
PK	5.769G	59.64	68.20	-8.56	9.69	3	Horizontal	184	2.28	-	49.95	33.74	10.16	34.21

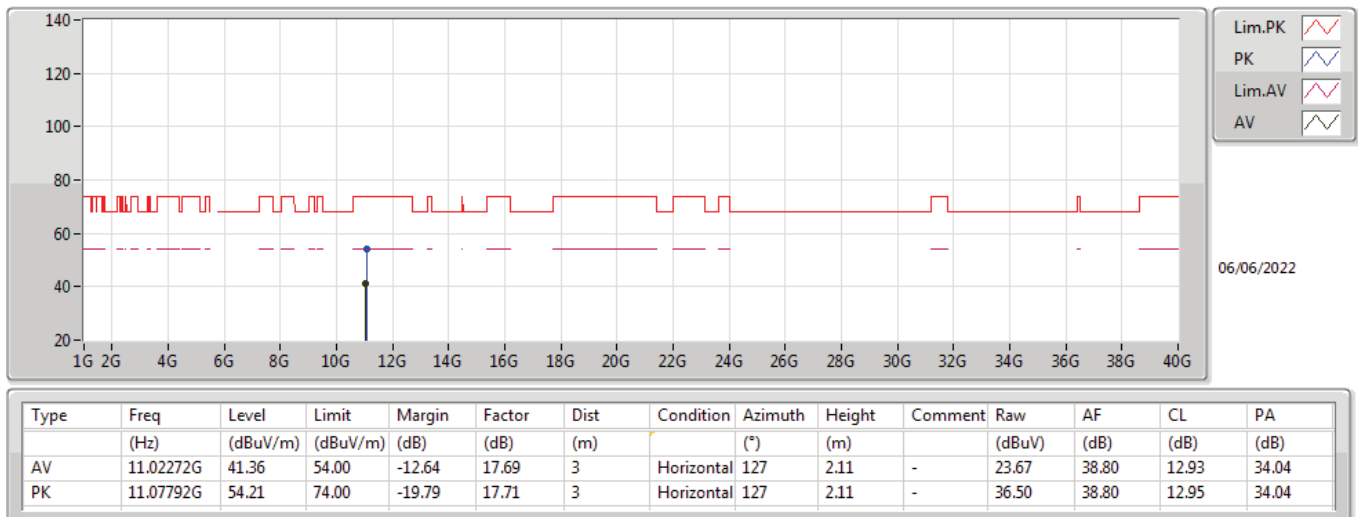
802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TX



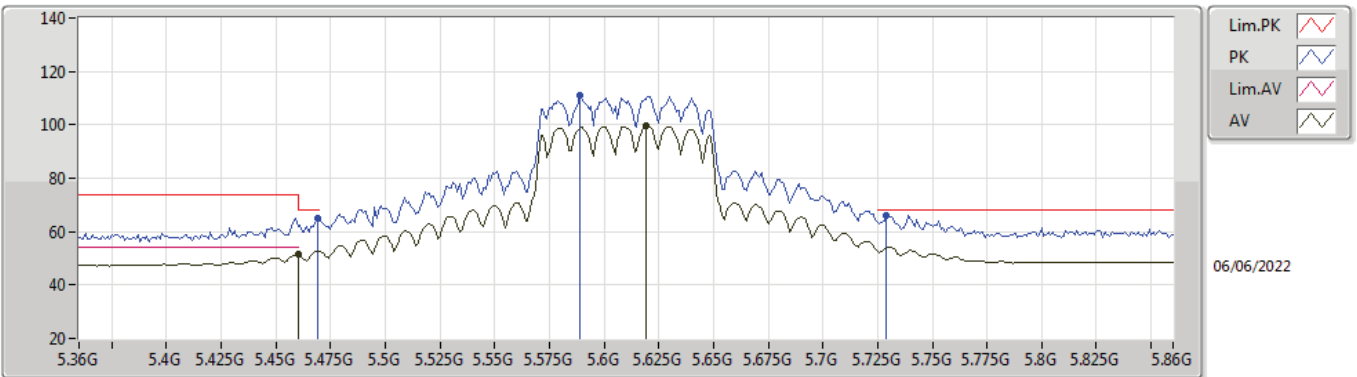
802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TX



802.11ax HEW80_Nss1,(MCS0)_2TX

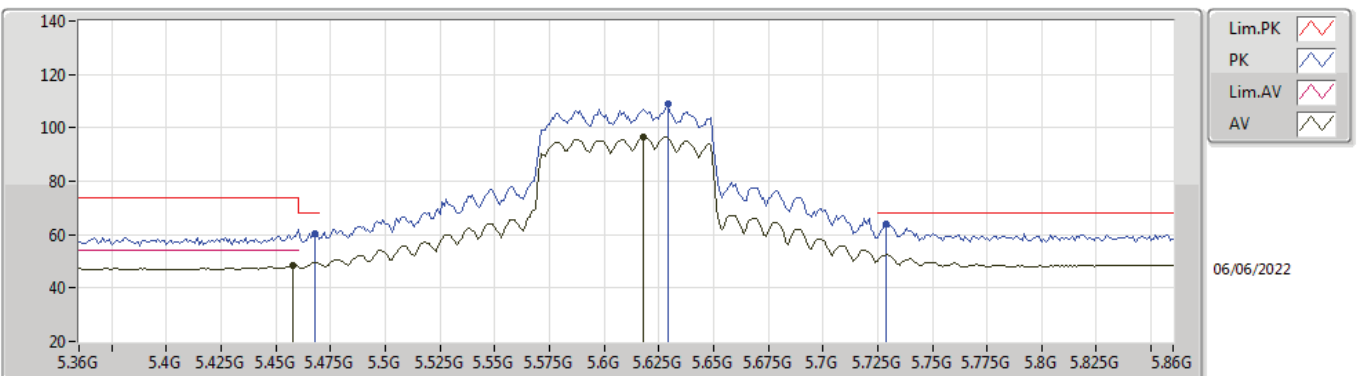
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.46G	51.33	54.00	-2.67	8.76	3	Vertical	230	1.71	-	42.57	32.92	10.02	34.18
AV	5.619G	99.77	Inf	-Inf	9.06	3	Vertical	230	1.71	-	90.71	33.18	10.08	34.20
PK	5.469G	65.15	68.20	-3.05	8.78	3	Vertical	230	1.71	-	56.37	32.94	10.02	34.18
PK	5.589G	110.96	Inf	-Inf	8.90	3	Vertical	230	1.71	-	102.06	33.03	10.07	34.20
PK	5.729G	66.11	68.20	-2.09	9.51	3	Vertical	230	1.71	-	56.60	33.57	10.14	34.20

802.11ax HEW80_Nss1,(MCS0)_2TX

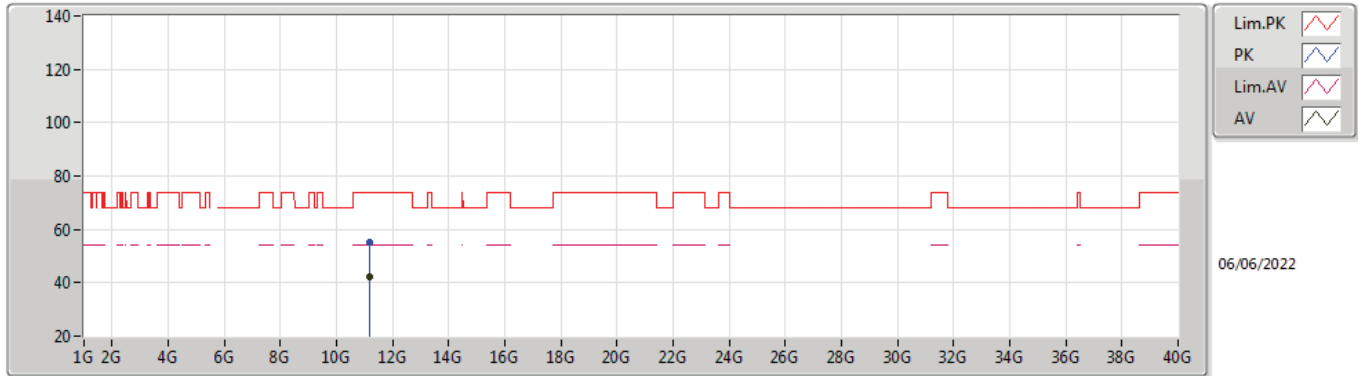
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.458G	48.42	54.00	-5.58	8.76	3	Horizontal	330	1.32	-	39.66	32.92	10.02	34.18
AV	5.618G	96.56	Inf	-Inf	9.05	3	Horizontal	330	1.32	-	87.51	33.17	10.08	34.20
PK	5.468G	60.55	68.20	-7.65	8.78	3	Horizontal	330	1.32	-	51.77	32.94	10.02	34.18
PK	5.629G	108.94	Inf	-Inf	9.11	3	Horizontal	330	1.32	-	99.83	33.22	10.09	34.20
PK	5.729G	64.09	68.20	-4.11	9.51	3	Horizontal	330	1.32	-	54.58	33.57	10.14	34.20

802.11ax HEW80_Nss1,(MCS0)_2TX

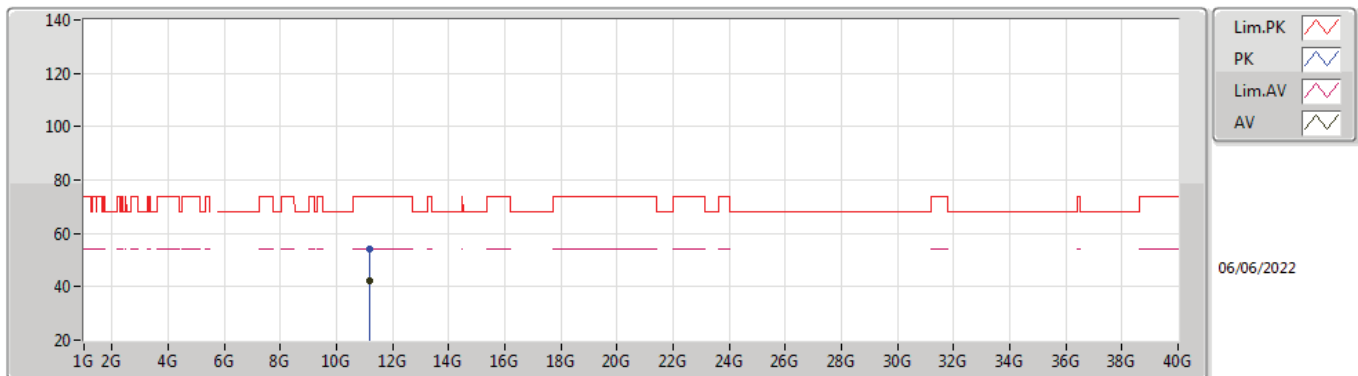
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.19696G	42.07	54.00	-11.93	17.85	3	Vertical	259	2.20	-	24.22	38.90	13.00	34.05
PK	11.19392G	55.22	74.00	-18.78	17.84	3	Vertical	259	2.20	-	37.38	38.89	13.00	34.05

802.11ax HEW80_Nss1,(MCS0)_2TX

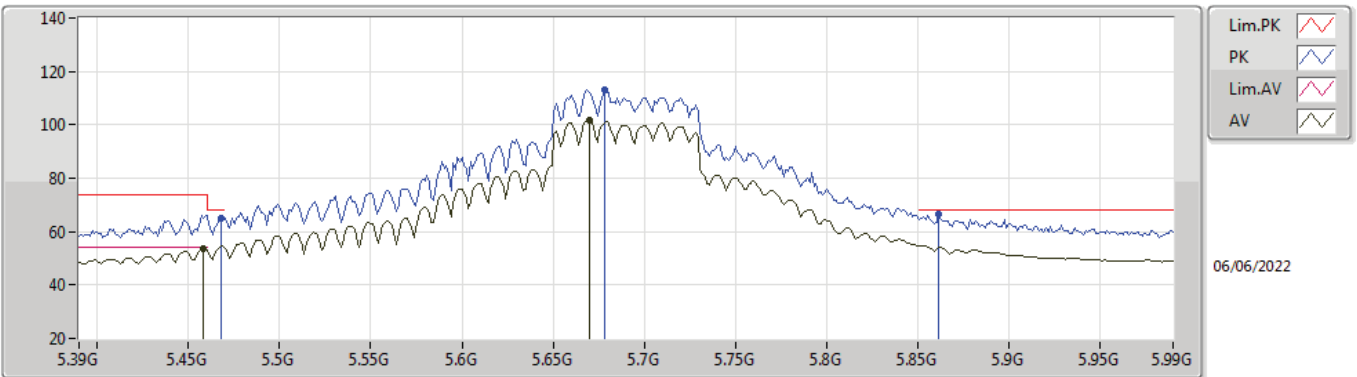
5610MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.18992G	42.04	54.00	-11.96	17.83	3	Horizontal	37	1.49	-	24.21	38.89	12.99	34.05
PK	11.20208G	54.29	74.00	-19.71	17.85	3	Horizontal	37	1.49	-	36.44	38.90	13.00	34.05

802.11ax HEW80_Nss1,(MCS0)_2TX

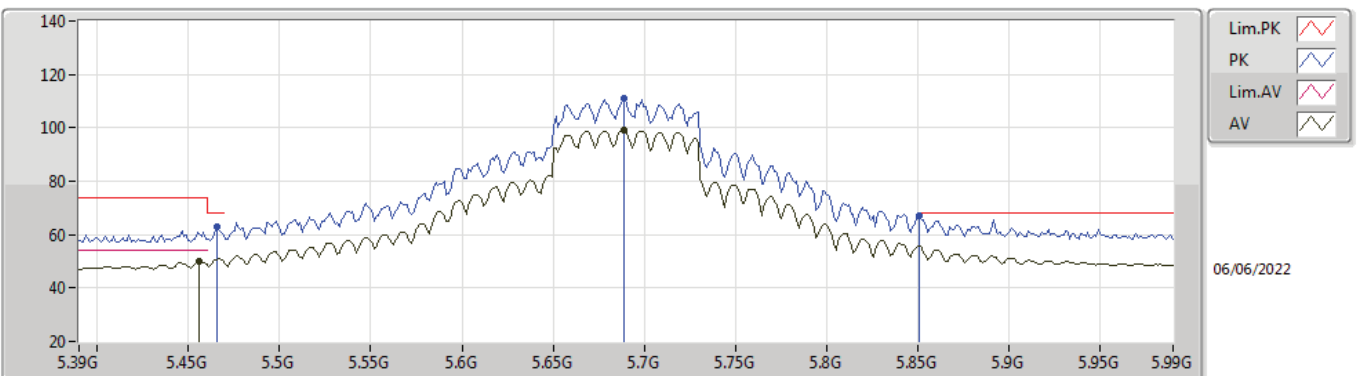
5690MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.4584G	53.64	54.00	-0.36	8.76	3	Vertical	229	1.85	-	44.88	32.92	10.02	34.18
AV	5.6696G	101.71	Inf	-Inf	9.25	3	Vertical	229	1.85	-	92.46	33.34	10.11	34.20
PK	5.468G	65.10	68.20	-3.10	8.78	3	Vertical	229	1.85	-	56.32	32.94	10.02	34.18
PK	5.678G	113.17	Inf	-Inf	9.27	3	Vertical	229	1.85	-	103.90	33.36	10.11	34.20
PK	5.8616G	66.39	68.20	-1.81	10.12	3	Vertical	229	1.85	-	56.27	34.10	10.23	34.21

802.11ax HEW80_Nss1,(MCS0)_2TX

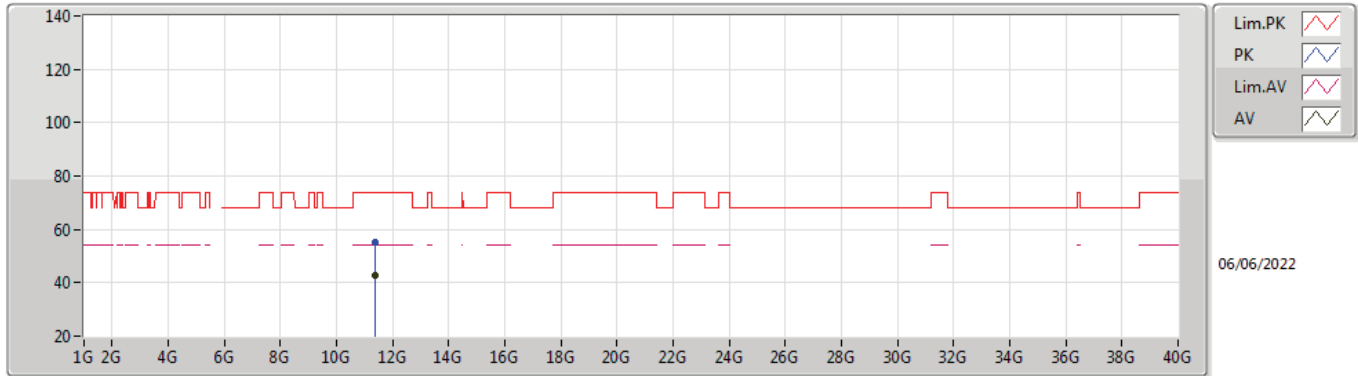
5690MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.456G	49.83	54.00	-4.17	8.75	3	Horizontal	330	1.00	-	41.08	32.91	10.02	34.18
AV	5.6888G	99.02	Inf	-Inf	9.30	3	Horizontal	330	1.00	-	89.72	33.38	10.12	34.20
PK	5.4656G	63.02	68.20	-5.18	8.77	3	Horizontal	330	1.00	-	54.25	32.93	10.02	34.18
PK	5.6888G	111.29	Inf	-Inf	9.30	3	Horizontal	330	1.00	-	101.99	33.38	10.12	34.20
PK	5.8508G	66.98	68.20	-1.22	10.11	3	Horizontal	330	1.00	-	56.87	34.10	10.22	34.21

802.11ax HEW80_Nss1,(MCS0)_2TX

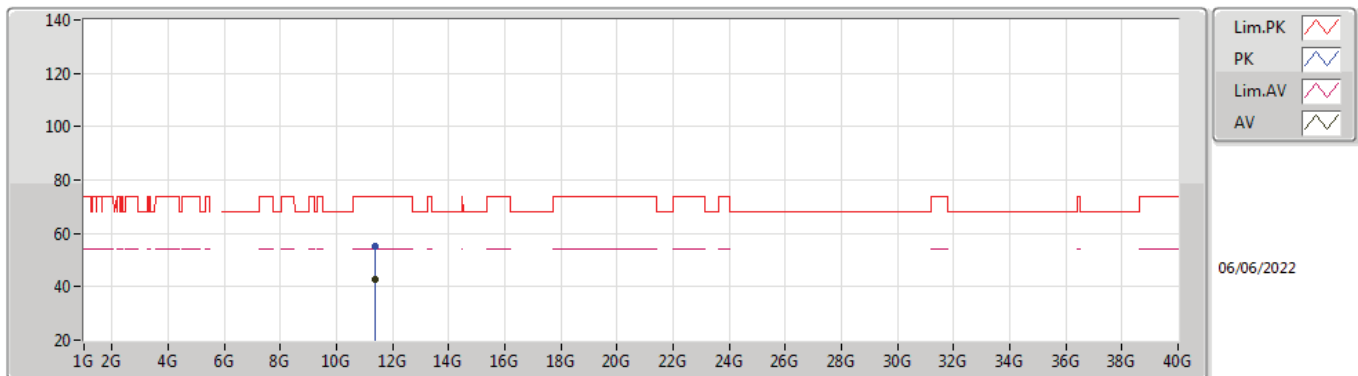
5690MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.37984G	42.97	54.00	-11.03	18.11	3	Vertical	170	1.27	-	24.86	39.10	13.07	34.06
PK	11.37408G	55.43	74.00	-18.57	18.12	3	Vertical	170	1.27	-	37.31	39.10	13.07	34.05

802.11ax HEW80_Nss1,(MCS0)_2TX

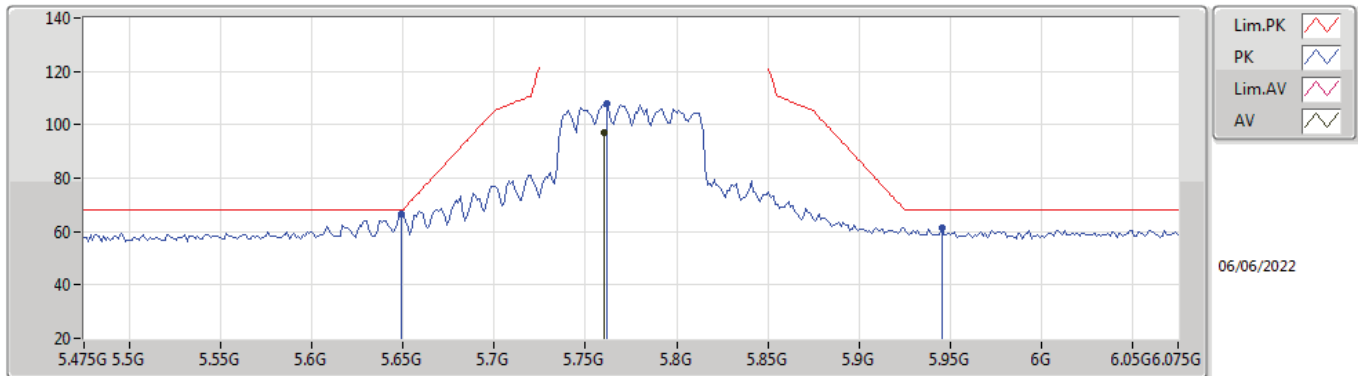
5690MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.37984G	42.82	54.00	-11.18	18.11	3	Horizontal	92	2.50	-	24.71	39.10	13.07	34.06
PK	11.3608G	55.11	74.00	-18.89	18.11	3	Horizontal	92	2.50	-	37.00	39.10	13.06	34.05

802.11ax HEW80_Nss1,(MCS0)_2TX

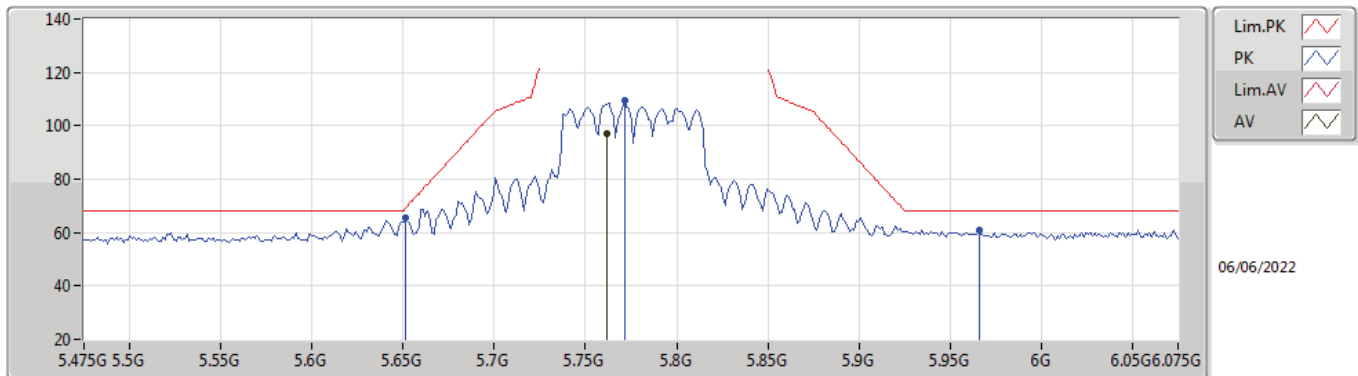
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7606G	97.05	Inf	-Inf	9.67	3	Vertical	228	1.73	-	87.38	33.72	10.16	34.21
PK	5.649G	66.67	68.20	-1.53	9.20	3	Vertical	228	1.73	-	57.47	33.30	10.10	34.20
PK	5.7618G	107.75	Inf	-Inf	9.67	3	Vertical	228	1.73	-	98.08	33.72	10.16	34.21
PK	5.9454G	61.22	68.20	-6.98	10.35	3	Vertical	228	1.73	-	50.87	34.28	10.29	34.22

802.11ax HEW80_Nss1,(MCS0)_2TX

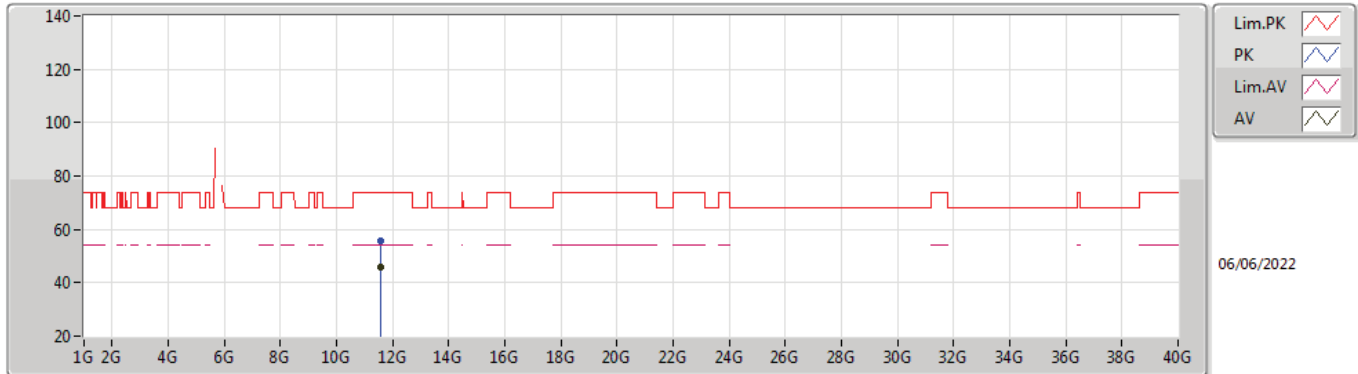
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7618G	96.93	Inf	-Inf	9.67	3	Horizontal	143	1.96	-	87.26	33.72	10.16	34.21
PK	5.6514G	65.71	69.24	-3.53	9.20	3	Horizontal	143	1.96	-	56.51	33.30	10.10	34.20
PK	5.7714G	109.40	Inf	-Inf	9.69	3	Horizontal	143	1.96	-	99.71	33.74	10.16	34.21
PK	5.9658G	61.08	68.20	-7.12	10.29	3	Horizontal	143	1.96	-	50.79	34.21	10.30	34.22

802.11ax HEW80_Nss1,(MCS0)_2TX

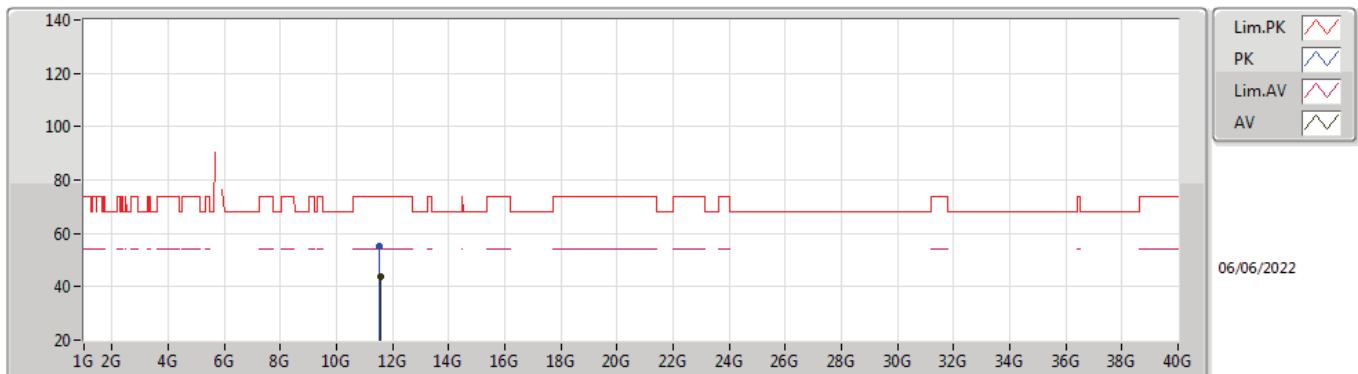
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.54984G	45.85	54.00	-8.15	17.84	3	Vertical	186	1.22	-	28.01	38.80	13.13	34.09
PK	11.55G	55.62	74.00	-18.38	17.84	3	Vertical	186	1.22	-	37.78	38.80	13.13	34.09

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.54984G	43.78	54.00	-10.22	17.84	3	Horizontal	148	2.10	-	25.94	38.80	13.13	34.09
PK	11.51192G	55.01	74.00	-18.99	17.93	3	Horizontal	148	2.10	-	37.08	38.88	13.12	34.07



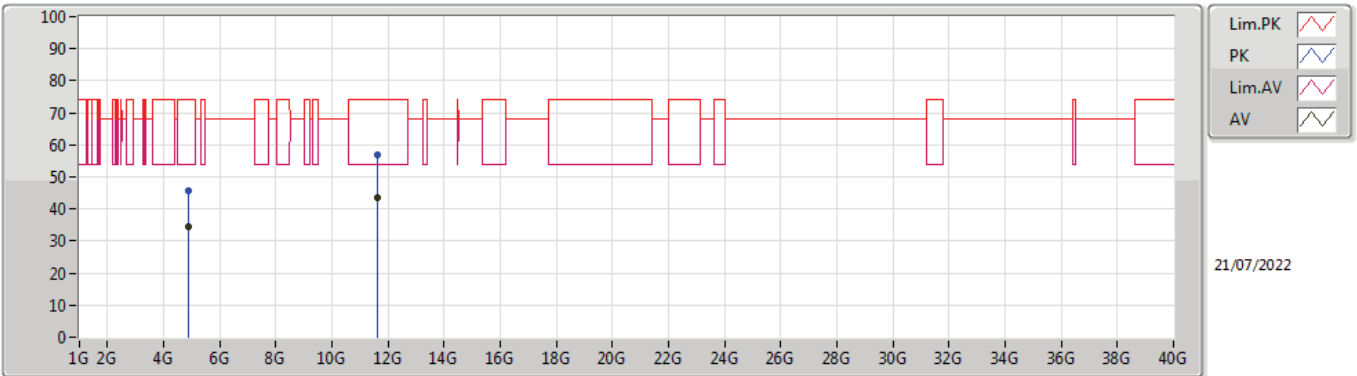
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.63916G	43.90	54.00	-10.10	Horizontal

**Result**

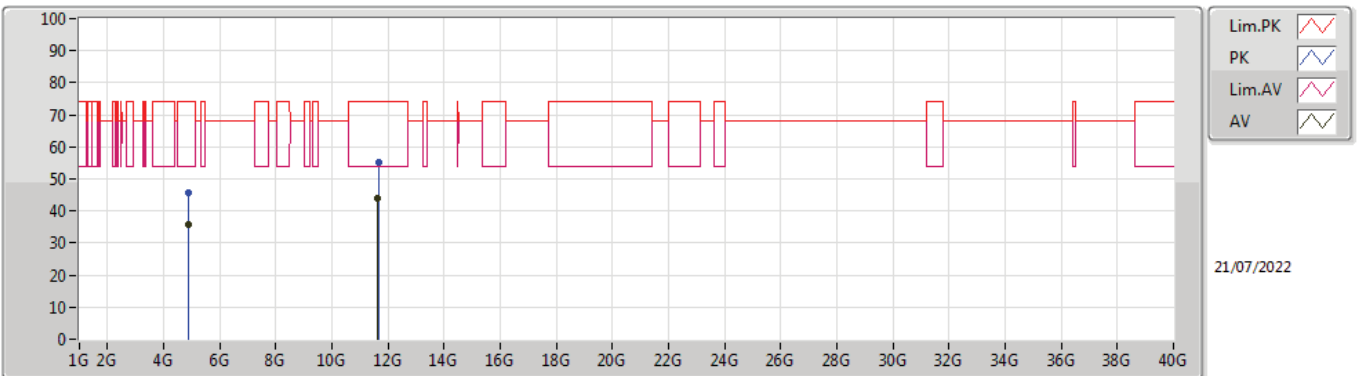
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87394G	34.50	54.00	-19.50	3	Vertical	258	1.50	-
Mode 1	Pass	AV	11.63587G	43.71	54.00	-10.29	3	Vertical	93	3.00	-
Mode 1	Pass	PK	4.87412G	45.90	74.00	-28.10	3	Vertical	258	1.50	-
Mode 1	Pass	PK	11.64162G	56.85	74.00	-17.15	3	Vertical	93	3.00	-
Mode 1	Pass	AV	4.87394G	35.96	54.00	-18.04	3	Horizontal	65	2.23	-
Mode 1	Pass	AV	11.63916G	43.90	54.00	-10.10	3	Horizontal	106	1.50	-
Mode 1	Pass	PK	4.87394G	45.90	74.00	-28.10	3	Horizontal	65	2.23	-
Mode 1	Pass	PK	11.65581G	55.34	74.00	-18.66	3	Horizontal	106	1.50	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87394G	34.50	54.00	-19.50	9.05	3	Vertical	258	1.50	-	25.45	32.75	6.30	30.00
AV	11.63587G	43.71	54.00	-10.29	17.91	3	Vertical	93	3.00	-	25.80	38.86	9.96	30.91
PK	4.87412G	45.90	74.00	-28.10	9.05	3	Vertical	258	1.50	-	36.85	32.75	6.30	30.00
PK	11.64162G	56.85	74.00	-17.15	17.91	3	Vertical	93	3.00	-	38.94	38.86	9.96	30.91

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87394G	35.96	54.00	-18.04	9.05	3	Horizontal	65	2.23	-	26.91	32.75	6.30	30.00
AV	11.63916G	43.90	54.00	-10.10	17.91	3	Horizontal	106	1.50	-	25.99	38.86	9.96	30.91
PK	4.87394G	45.90	74.00	-28.10	9.05	3	Horizontal	65	2.23	-	36.85	32.75	6.30	30.00
PK	11.65581G	55.34	74.00	-18.66	17.90	3	Horizontal	106	1.50	-	37.44	38.84	9.97	30.91