

FCC Radio Test Report

FCC ID : HDC-649A
Equipment : WiFi6 module
Brand Name : 
Model Name : W649aYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant : Adtran
901 Explorer Blvd., Huntsville, AL 35806, USA
Manufacturer : XAVi Technologies Corporation
22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist.,
New Taipei City 241, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 26, 2021, and testing was started from Sep. 09, 2021 and completed on Sep. 24, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 TEST CONFIGURATION OF EUT.....	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration	12
2.3 Support Equipment.....	13
2.4 Test Setup Diagram	14
3 TRANSMITTER TEST RESULT	16
3.1 AC Power-line Conducted Emissions	16
3.2 Emission Bandwidth	18
3.3 Maximum Conducted Output Power	19
3.4 Peak Power Spectral Density.....	21
3.5 Unwanted Emissions.....	23
4 TEST EQUIPMENT AND CALIBRATION DATA	27
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



TEL : 886-3-3273456
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Report Template No.: HE1-D1 Ver4.2
FCC ID: HDC-649A

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: 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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	GALTRONICS	60-3523-03-2	PCB antenna	U.FL	5G
2	GALTRONICS	60-2888-03-2	PCB antenna	U.FL	5G
3	GALTRONICS	60-2961-03-5	PCB antenna	U.FL	BT
4	GALTRONICS	60-2791-03	PCB antenna	U.FL	5G
5	GALTRONICS	60-2808-03	PCB antenna	U.FL	5G
6	GALTRONICS	60-2783-03	PCB antenna	U.FL	DFS RX

Ant.	Port	Gain (dBi)	
		5G	BT
1	1	3.99	-
2	2	3.99	-
3	3	-	2.56
4	4	2.12	-
5	5	2.12	-
6	6	3.99	-

Note 1: The EUT has six antennas.

**For BT function:**

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

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

For 5GHz function:

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

Ant. 1 (port 1), Ant. 2 (port 2), Ant. 4 (port 4) and Ant. 5 (port 5) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Outdoor/Indoor Client
Beamforming Function	☒	With beamforming	☐	Without beamforming
TPC Function	☒	With TPC Function	☐	Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Resource Unit(802.11ax)	☒	Full RU	☐	Partial RU
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:		...	
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:			
☐	Other:			

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.875	0.58	1.398m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.84	0.76	1.03m	1k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.735	1.34	550u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.599	2.23	298.438u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.992	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.984	0.07	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.913	0.4	948.438u	3k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
W649aYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")	All the models are identical, the different model served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Billy Wang	23.2~24.1℃ / 58~60%	24/Sep/2021
RF Conducted	TH01-HY	Barry Hsiao	24.3~25.3℃ / 53~60%	17/Sep/2021~24/Sep/2021
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Ryan Hsiao	22.2~24.3℃ / 41~57%	09/Sep/2021~18/Sep/2021

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Non-Beamforming

Test Software Version	QATool_Dbg
-----------------------	------------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	18.5
5200MHz	22.5
5240MHz	23
5745MHz	21
5785MHz	21.5
5825MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	18
5200MHz	20
5240MHz	20
5745MHz	20
5785MHz	20
5825MHz	21
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	13.5
5230MHz	19
5755MHz	19
5795MHz	20
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	9.5
5775MHz	16.5

**Beamforming**

Test Software Version	Dos 6.1
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Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	33
5200MHz	34
5240MHz	33
5745MHz	31
5785MHz	31
5825MHz	33
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	25
5230MHz	33
5755MHz	30
5795MHz	31
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	15
5775MHz	31

2.2 The Worst Case Measurement Configuration

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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 5GHz
Refer to Sporton Test Report No.: FA182006 for Co-location RF Exposure Evaluation.	

2.3 Support Equipment

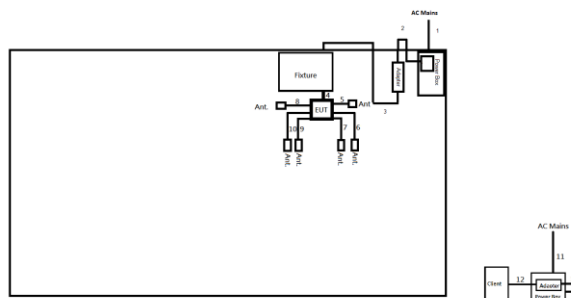
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Test fixture	ADTRAN	854v6 GigoWAN HGU	-	Provided by Customer
2	Adapter for Test fixture	MASS POWER	S050-1A120400B3	-	-
3	Client (Remote)	ADTRAN	854-v6	-	Provided by Customer
4	Adapter (Remote)	MASS POWER	S050-1A120400B3	-	Provided by Customer

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

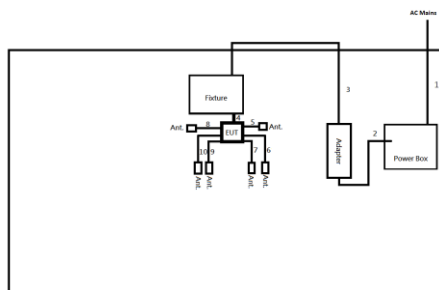
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Test fixture	ADTRAN	854v6 GigoWAN HGU	-	Provided by Customer
2	Adapter for Test fixture	MASS POWER	S050-1A120400B3	-	-
3	Client (Remote)	ADTRAN	854-v6	-	Provided by Customer
4	Adapter (Remote)	MASS POWER	S050-1A120400B3	-	Provided by Customer

2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Fixture cable	No	0.2	-
5	Ant. cable	No	0.1	--
6	Ant. cable	No	0.22	-
7	Ant. cable	No	0.20	-
8	Ant. cable	No	0.22	-
9	Ant. cable	No	0.20	-
10	Ant. cable	No	0.15	-
11	AC Power cable	No	1.8	-
12	DC Power cable	No	1.0	-
13	AC Power cable	No	0.5	--

Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	0.5	-
3	DC Power cable	No	1.0	-
4	Fixture cable	No	0.2	-
5	Ant. cable	No	0.1	-
6	Ant. cable	No	0.22	-
7	Ant. cable	No	0.20	-
8	Ant. cable	No	0.22	-
9	Ant. cable	No	0.20	-
10	Ant. cable	No	0.15	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

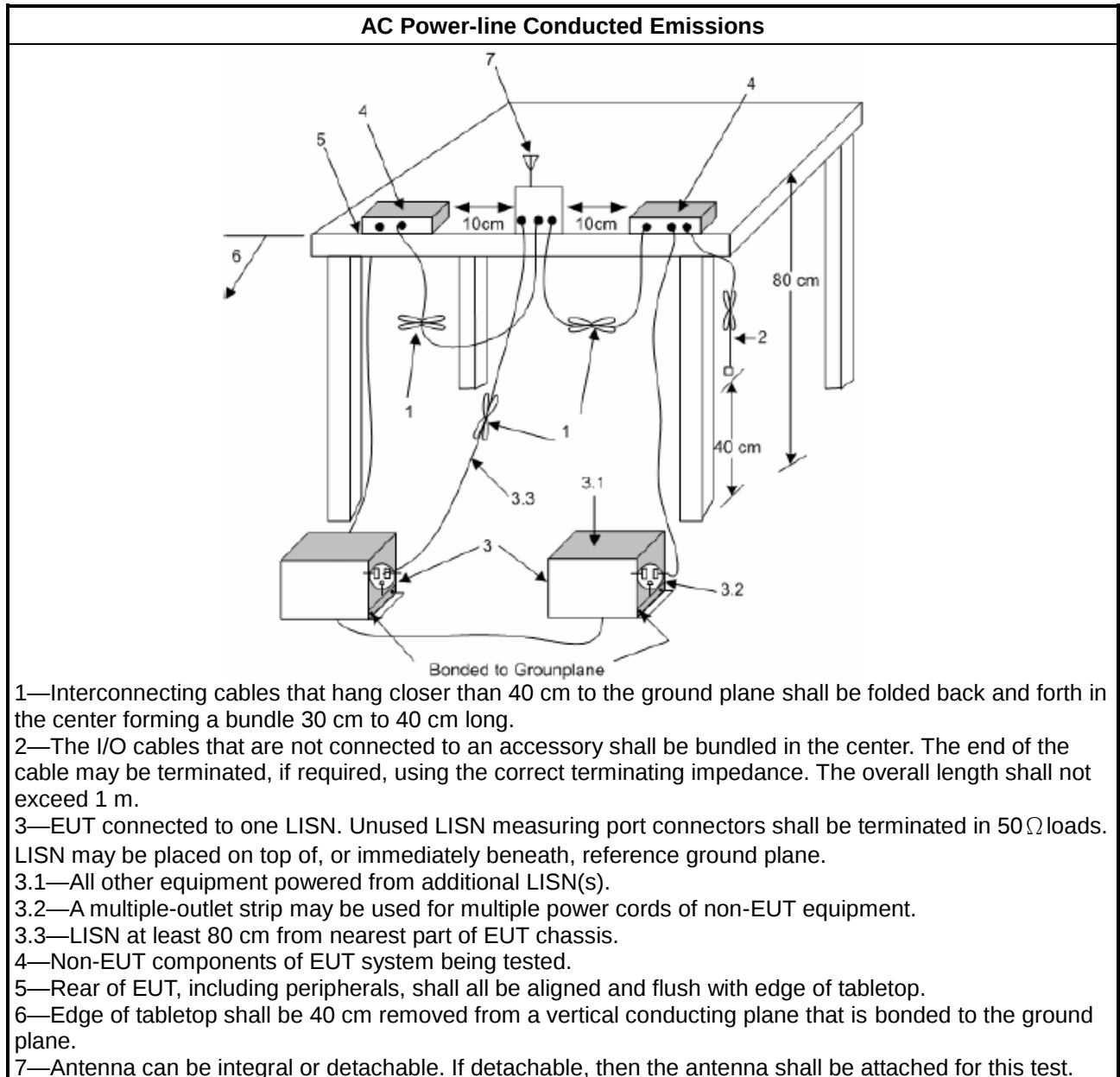
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

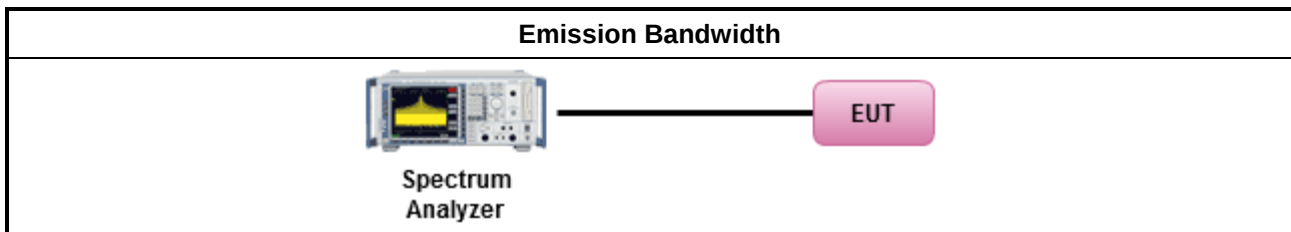
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

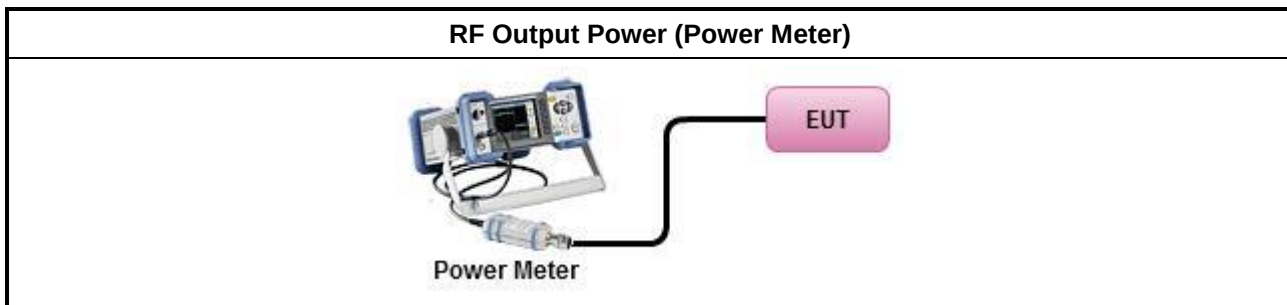
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	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]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

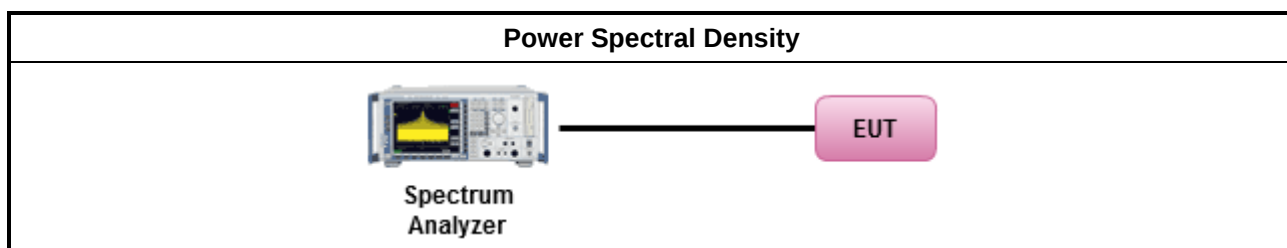
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

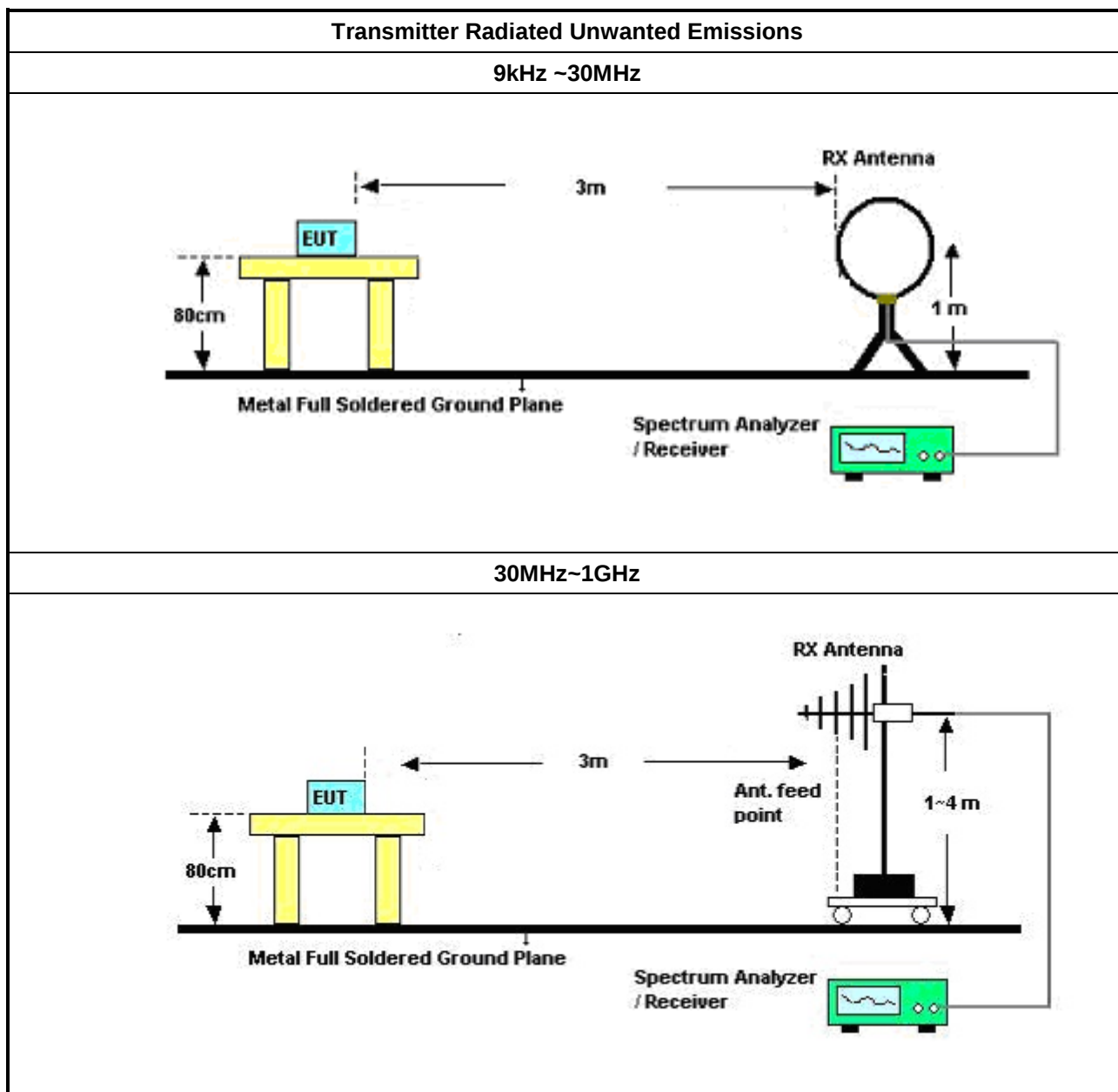
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

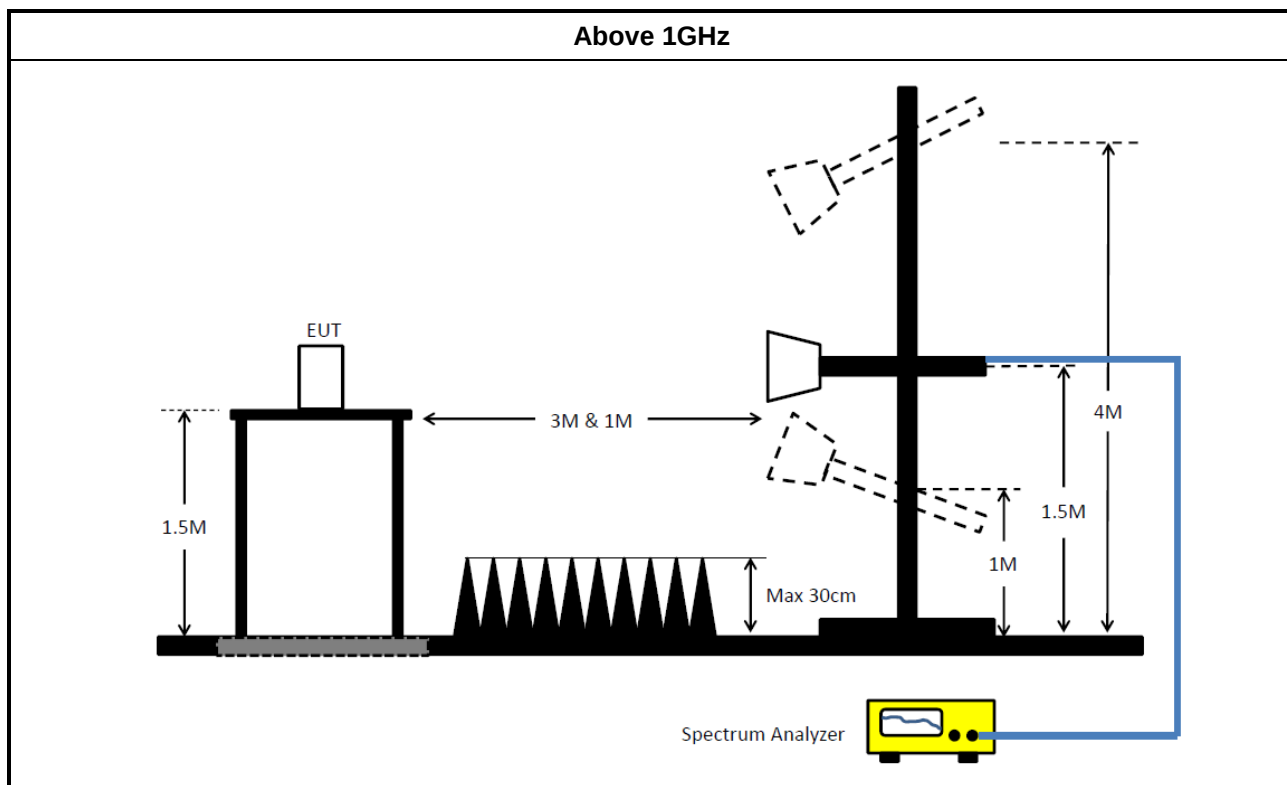
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022

Instrument for Conducted Test

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

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	26/Mar/2021	25/Mar/2022
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	18/Mar/2021	17/Mar/2022
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	13/Aug/2021	12/Aug/2022
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	12/Apr/2021	11/Apr/2022
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	05/Sep/2021	04/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	18/May/2021	17/May/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	9kHz~30MHz	30/Aug/2021	29/Aug/2022
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	09/Feb/2021	08/Feb/2022
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	CB009	1GHz~40GHz	13/Aug/2021	12/Aug/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	23/Jul/2021	22/Jul/2022



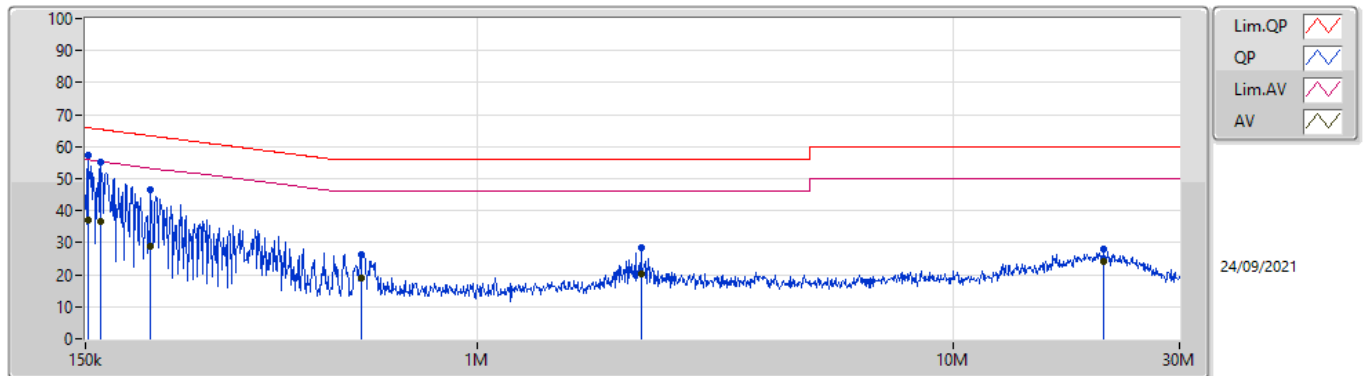
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	58.22	66.00	-7.78	Neutral

Mode Configure

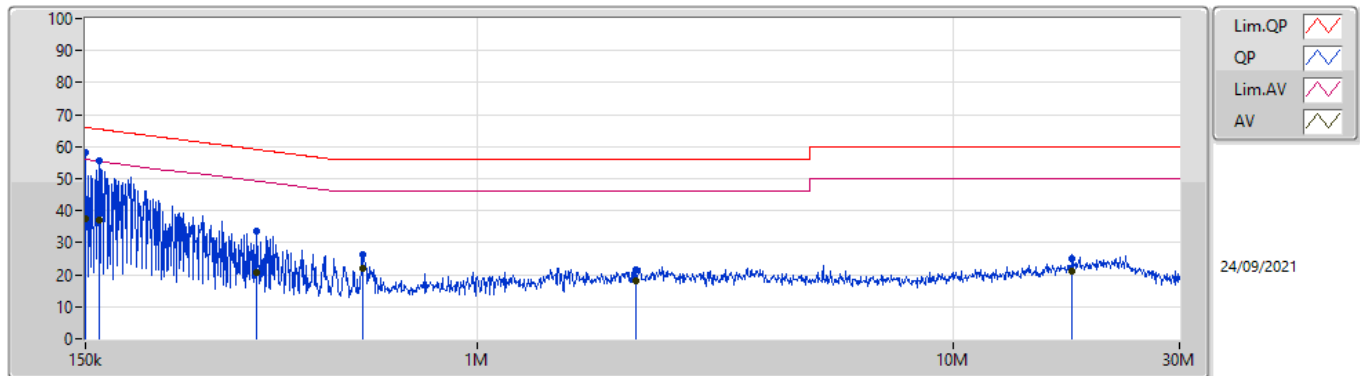
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.807k	57.25	65.90	-8.65	Line	-
Mode 1	Pass	AV	151.807k	37.16	55.90	-18.74	Line	-
Mode 1	Pass	QP	161.175k	55.30	65.41	-10.11	Line	-
Mode 1	Pass	AV	161.175k	36.75	55.41	-18.66	Line	-
Mode 1	Pass	QP	205.615k	46.41	63.38	-16.97	Line	-
Mode 1	Pass	AV	205.615k	28.99	53.38	-24.39	Line	-
Mode 1	Pass	QP	569.051k	26.50	56.00	-29.50	Line	-
Mode 1	Pass	AV	569.051k	19.02	46.00	-26.98	Line	-
Mode 1	Pass	QP	2.211M	28.51	56.00	-27.49	Line	-
Mode 1	Pass	AV	2.211M	20.28	46.00	-25.72	Line	-
Mode 1	Pass	QP	20.843M	27.84	60.00	-32.16	Line	-
Mode 1	Pass	AV	20.843M	24.08	50.00	-25.92	Line	-
Mode 1	Pass	QP	150k	58.22	66.00	-7.78	Neutral	-
Mode 1	Pass	AV	150k	37.37	56.00	-18.63	Neutral	-
Mode 1	Pass	QP	160.533k	55.77	65.43	-9.66	Neutral	-
Mode 1	Pass	AV	160.533k	37.04	55.43	-18.39	Neutral	-
Mode 1	Pass	QP	342.744k	33.65	59.14	-25.49	Neutral	-
Mode 1	Pass	AV	342.744k	20.82	49.14	-28.32	Neutral	-
Mode 1	Pass	QP	575.907k	26.31	56.00	-29.69	Neutral	-
Mode 1	Pass	AV	575.907k	21.86	46.00	-24.14	Neutral	-
Mode 1	Pass	QP	2.15M	21.75	56.00	-34.25	Neutral	-
Mode 1	Pass	AV	2.15M	17.93	46.00	-28.07	Neutral	-
Mode 1	Pass	QP	17.838M	24.84	60.00	-35.16	Neutral	-
Mode 1	Pass	AV	17.838M	21.26	50.00	-28.74	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.807k	57.25	65.90	-8.65	19.62	Line	-	37.63	9.69	0.04	9.89			
AV	151.807k	37.16	55.90	-18.74	19.62	Line	-	17.54	9.69	0.04	9.89			
QP	161.175k	55.30	65.41	-10.11	19.62	Line	-	35.68	9.69	0.04	9.89			
AV	161.175k	36.75	55.41	-18.66	19.62	Line	-	17.13	9.69	0.04	9.89			
QP	205.615k	46.41	63.38	-16.97	19.61	Line	-	26.80	9.68	0.04	9.89			
AV	205.615k	28.99	53.38	-24.39	19.61	Line	-	9.38	9.68	0.04	9.89			
QP	569.051k	26.50	56.00	-29.50	19.63	Line	-	6.87	9.67	0.07	9.89			
AV	569.051k	19.02	46.00	-26.98	19.63	Line	-	-0.61	9.67	0.07	9.89			
QP	2.211M	28.51	56.00	-27.49	19.67	Line	-	8.84	9.68	0.11	9.88			
AV	2.211M	20.28	46.00	-25.72	19.67	Line	-	0.61	9.68	0.11	9.88			
QP	20.843M	27.84	60.00	-32.16	19.85	Line	-	7.99	9.66	0.30	9.89			
AV	20.843M	24.08	50.00	-25.92	19.85	Line	-	4.23	9.66	0.30	9.89			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	58.22	66.00	-7.78	19.62	Neutral	-	38.60	9.69	0.04	9.89			
AV	150k	37.37	56.00	-18.63	19.62	Neutral	-	17.75	9.69	0.04	9.89			
QP	160.533k	55.77	65.43	-9.66	19.62	Neutral	-	36.15	9.69	0.04	9.89			
AV	160.533k	37.04	55.43	-18.39	19.62	Neutral	-	17.42	9.69	0.04	9.89			
QP	342.744k	33.65	59.14	-25.49	19.62	Neutral	-	14.03	9.67	0.06	9.89			
AV	342.744k	20.82	49.14	-28.32	19.62	Neutral	-	1.20	9.67	0.06	9.89			
QP	575.907k	26.31	56.00	-29.69	19.63	Neutral	-	6.68	9.67	0.07	9.89			
AV	575.907k	21.86	46.00	-24.14	19.63	Neutral	-	2.23	9.67	0.07	9.89			
QP	2.15M	21.75	56.00	-34.25	19.66	Neutral	-	2.09	9.68	0.10	9.88			
AV	2.15M	17.93	46.00	-28.07	19.66	Neutral	-	-1.73	9.68	0.10	9.88			
QP	17.838M	24.84	60.00	-35.16	19.92	Neutral	-	4.92	9.75	0.28	9.89			
AV	17.838M	21.26	50.00	-28.74	19.92	Neutral	-	1.34	9.75	0.28	9.89			



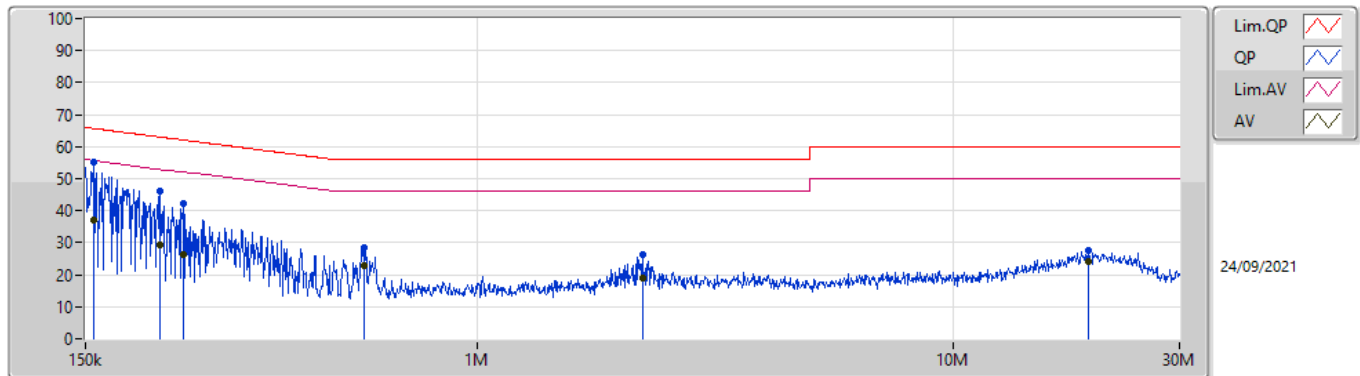
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	57.56	65.96	-8.40	Neutral

Mode Configure

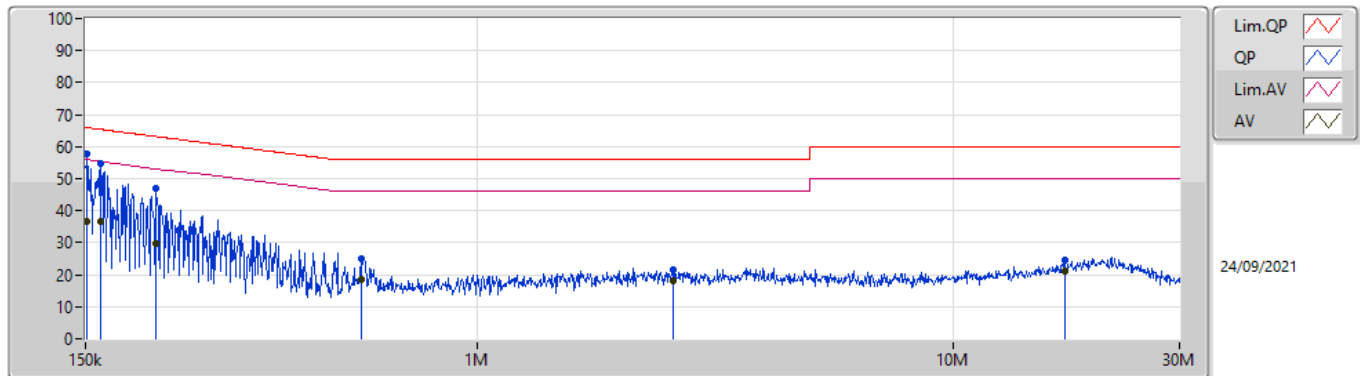
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.109k	55.38	65.67	-10.29	Line	-
Mode 1	Pass	AV	156.109k	36.89	55.67	-18.78	Line	-
Mode 1	Pass	QP	214.845k	46.23	63.02	-16.79	Line	-
Mode 1	Pass	AV	214.845k	29.35	53.02	-23.67	Line	-
Mode 1	Pass	QP	240.253k	42.38	62.08	-19.70	Line	-
Mode 1	Pass	AV	240.253k	26.50	52.08	-25.58	Line	-
Mode 1	Pass	QP	578.211k	28.61	56.00	-27.39	Line	-
Mode 1	Pass	AV	578.211k	22.96	46.00	-23.04	Line	-
Mode 1	Pass	QP	2.229M	26.19	56.00	-29.81	Line	-
Mode 1	Pass	AV	2.229M	19.18	46.00	-26.82	Line	-
Mode 1	Pass	QP	19.321M	27.65	60.00	-32.35	Line	-
Mode 1	Pass	AV	19.321M	23.97	50.00	-26.03	Line	-
Mode 1	Pass	QP	150.6k	57.56	65.96	-8.40	Neutral	-
Mode 1	Pass	AV	150.6k	36.70	55.96	-19.26	Neutral	-
Mode 1	Pass	QP	161.175k	54.78	65.41	-10.63	Neutral	-
Mode 1	Pass	AV	161.175k	36.47	55.41	-18.94	Neutral	-
Mode 1	Pass	QP	211.442k	46.87	63.15	-16.28	Neutral	-
Mode 1	Pass	AV	211.442k	29.80	53.15	-23.35	Neutral	-
Mode 1	Pass	QP	569.051k	24.91	56.00	-31.09	Neutral	-
Mode 1	Pass	AV	569.051k	18.34	46.00	-27.66	Neutral	-
Mode 1	Pass	QP	2.584M	21.64	56.00	-34.36	Neutral	-
Mode 1	Pass	AV	2.584M	17.92	46.00	-28.08	Neutral	-
Mode 1	Pass	QP	17.208M	24.46	60.00	-35.54	Neutral	-
Mode 1	Pass	AV	17.208M	20.93	50.00	-29.07	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.109k	55.38	65.67	-10.29	19.62	Line	-	35.76	9.69	0.04	9.89			
AV	156.109k	36.89	55.67	-18.78	19.62	Line	-	17.27	9.69	0.04	9.89			
QP	214.845k	46.23	63.02	-16.79	19.61	Line	-	26.62	9.68	0.04	9.89			
AV	214.845k	29.35	53.02	-23.67	19.61	Line	-	9.74	9.68	0.04	9.89			
QP	240.253k	42.38	62.08	-19.70	19.62	Line	-	22.76	9.68	0.05	9.89			
AV	240.253k	26.50	52.08	-25.58	19.62	Line	-	6.88	9.68	0.05	9.89			
QP	578.211k	28.61	56.00	-27.39	19.63	Line	-	8.98	9.67	0.07	9.89			
AV	578.211k	22.96	46.00	-23.04	19.63	Line	-	3.33	9.67	0.07	9.89			
QP	2.229M	26.19	56.00	-29.81	19.67	Line	-	6.52	9.68	0.11	9.88			
AV	2.229M	19.18	46.00	-26.82	19.67	Line	-	-0.49	9.68	0.11	9.88			
QP	19.321M	27.65	60.00	-32.35	19.85	Line	-	7.80	9.67	0.29	9.89			
AV	19.321M	23.97	50.00	-26.03	19.85	Line	-	4.12	9.67	0.29	9.89			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	57.56	65.96	-8.40	19.62	Neutral	-	37.94	9.69	0.04	9.89			
AV	150.6k	36.70	55.96	-19.26	19.62	Neutral	-	17.08	9.69	0.04	9.89			
QP	161.175k	54.78	65.41	-10.63	19.62	Neutral	-	35.16	9.69	0.04	9.89			
AV	161.175k	36.47	55.41	-18.94	19.62	Neutral	-	16.85	9.69	0.04	9.89			
QP	211.442k	46.87	63.15	-16.28	19.61	Neutral	-	27.26	9.68	0.04	9.89			
AV	211.442k	29.80	53.15	-23.35	19.61	Neutral	-	10.19	9.68	0.04	9.89			
QP	569.051k	24.91	56.00	-31.09	19.63	Neutral	-	5.28	9.67	0.07	9.89			
AV	569.051k	18.34	46.00	-27.66	19.63	Neutral	-	-1.29	9.67	0.07	9.89			
QP	2.584M	21.64	56.00	-34.36	19.67	Neutral	-	1.97	9.68	0.11	9.88			
AV	2.584M	17.92	46.00	-28.08	19.67	Neutral	-	-1.75	9.68	0.11	9.88			
QP	17.208M	24.46	60.00	-35.54	19.91	Neutral	-	4.55	9.75	0.27	9.89			
AV	17.208M	20.93	50.00	-29.07	19.91	Neutral	-	1.02	9.75	0.27	9.89			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.76M	16.552M	16M6D1D	19.53M	16.402M
802.11ax HEW20_Nss1,(MCS0)_4TX	26.7M	18.951M	19M0D1D	19.92M	18.741M
802.11ax HEW40_Nss1,(MCS0)_4TX	39.6M	37.781M	37M8D1D	39.48M	37.541M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.16M	76.882M	76M9D1D	80.04M	76.642M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.09M	17.901M	17M9D1D	13.77M	16.552M
802.11ax HEW20_Nss1,(MCS0)_4TX	16.59M	19.16M	19M2D1D	14.97M	18.951M
802.11ax HEW40_Nss1,(MCS0)_4TX	35.1M	38.801M	38M8D1D	32.64M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.12M	77.001M	77M0D1D	72.6M	76.882M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.04M	16.552M	19.83M	16.402M	19.8M	16.402M	19.53M	16.432M
5200MHz	Pass	Inf	20.07M	16.552M	20.16M	16.432M	20.55M	16.432M	20.76M	16.462M
5240MHz	Pass	Inf	20.52M	16.552M	19.77M	16.462M	20.16M	16.462M	19.95M	16.432M
5745MHz	Pass	500k	14.97M	17.091M	15.03M	16.762M	13.77M	16.732M	15.06M	16.732M
5785MHz	Pass	500k	15.09M	17.901M	15.09M	17.061M	15.03M	16.822M	15.09M	16.942M
5825MHz	Pass	500k	15.03M	17.421M	15.06M	16.762M	15.06M	16.552M	15.03M	16.912M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.65M	18.951M	23.73M	18.951M	23.73M	18.921M	22.38M	18.921M
5200MHz	Pass	Inf	26.7M	18.951M	22.14M	18.921M	21.57M	18.951M	24.06M	18.921M
5240MHz	Pass	Inf	20.01M	18.771M	19.92M	18.741M	19.95M	18.771M	19.92M	18.771M
5745MHz	Pass	500k	15.39M	19.1M	14.97M	19.01M	15.75M	19.01M	15.3M	19.01M
5785MHz	Pass	500k	15.09M	19.16M	15.09M	19.04M	15.81M	18.981M	16.59M	19.01M
5825MHz	Pass	500k	15.12M	19.07M	15.09M	18.951M	15.54M	18.951M	15.15M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.48M	37.541M	39.48M	37.601M	39.54M	37.601M	39.6M	37.661M
5230MHz	Pass	Inf	39.48M	37.781M	39.6M	37.661M	39.54M	37.781M	39.6M	37.721M
5755MHz	Pass	500k	35.04M	38.141M	32.64M	38.021M	35.04M	37.961M	33.78M	37.901M
5795MHz	Pass	500k	35.04M	38.801M	33.9M	38.201M	33.78M	38.021M	35.1M	38.321M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.16M	76.642M	80.04M	76.642M	80.04M	76.642M	80.04M	76.882M
5775MHz	Pass	500k	72.6M	77.001M	75M	77.001M	75.12M	76.882M	75.12M	76.882M

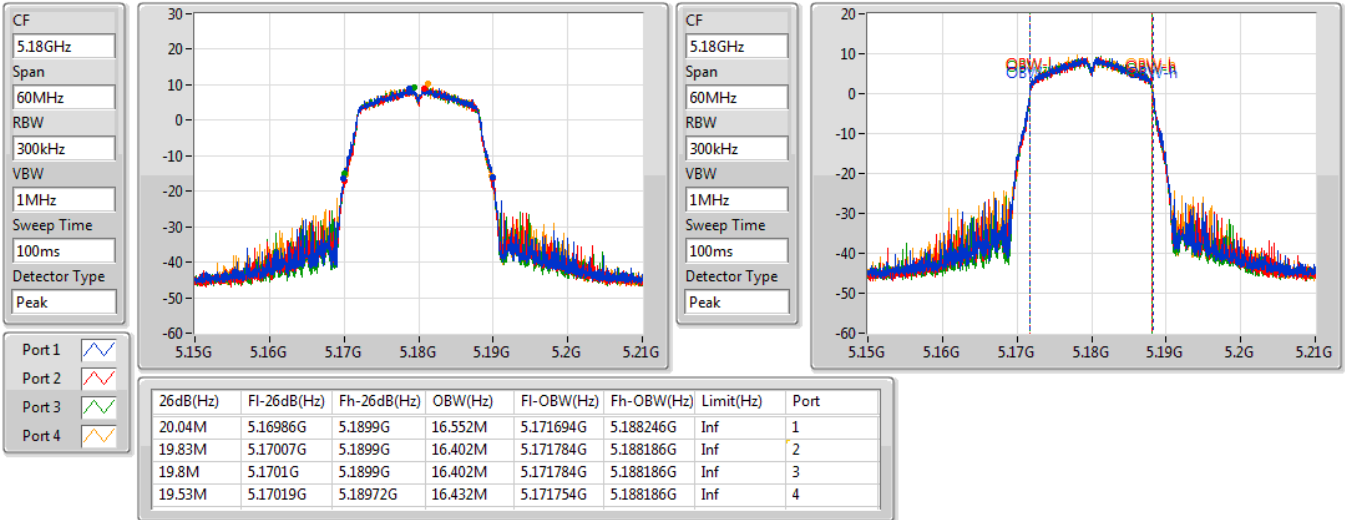
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

17/09/2021

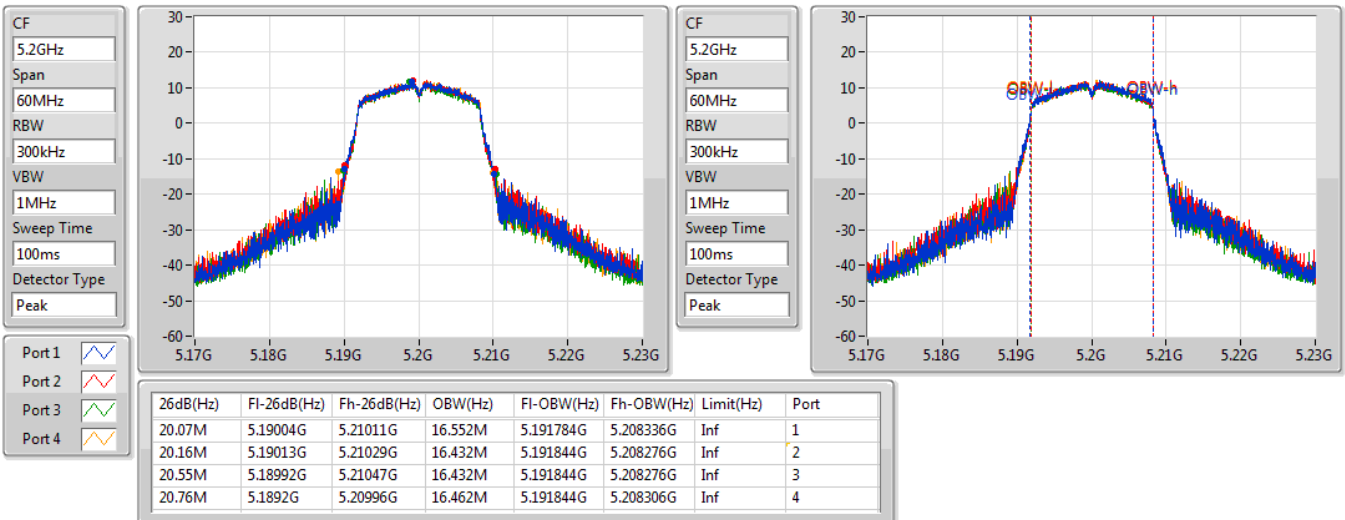


802.11a_Nss1,(6Mbps)_4TX

EBW

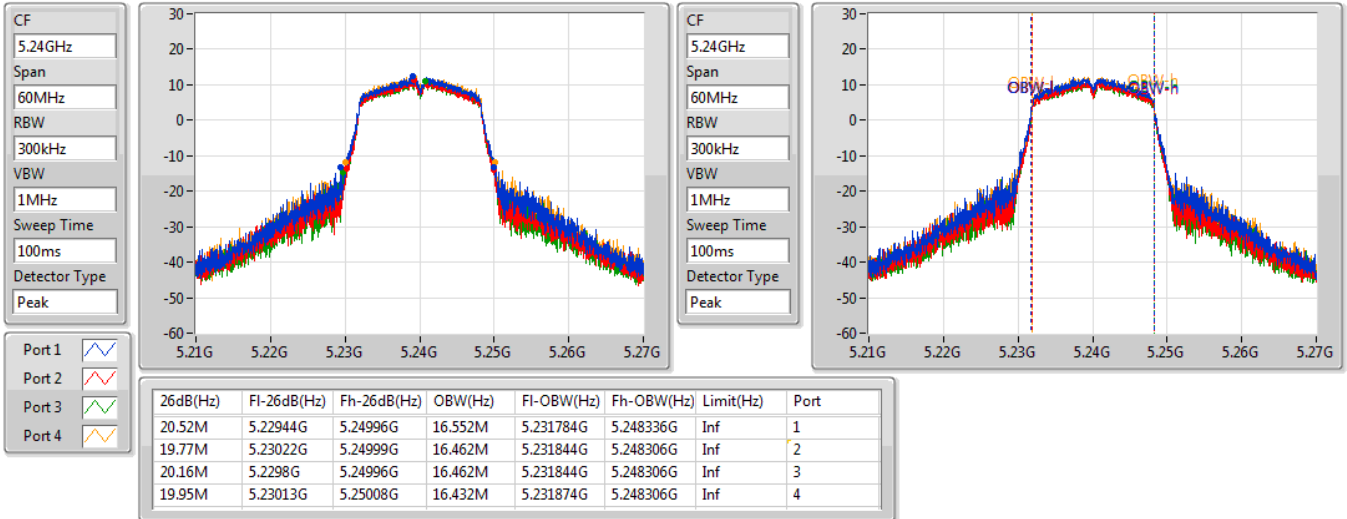
5200MHz

17/09/2021

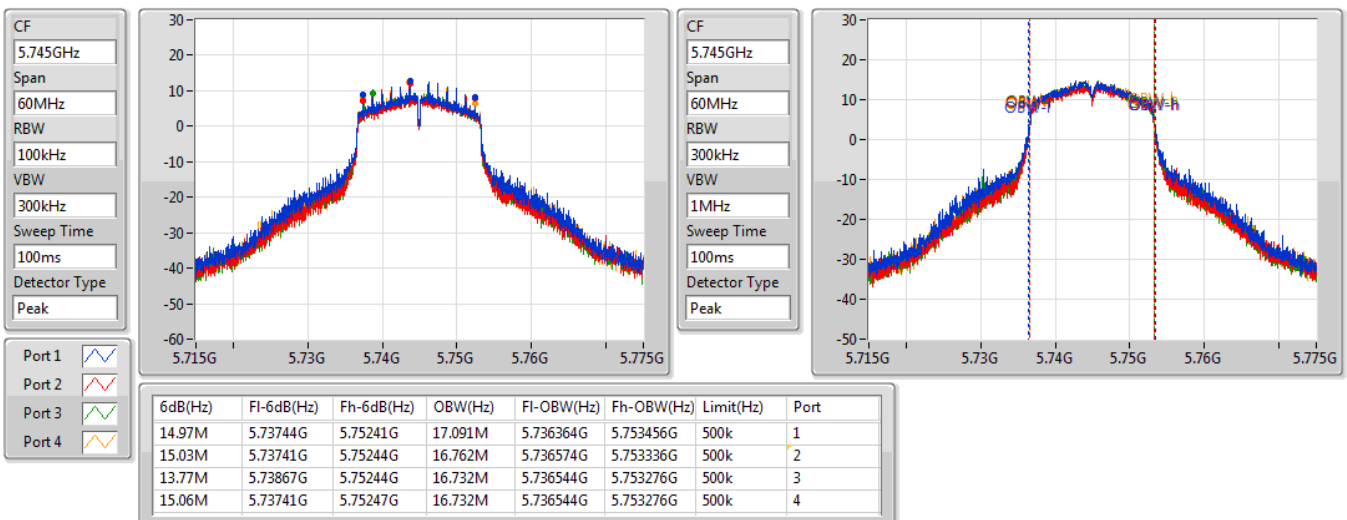


802.11a_Nss1,(6Mbps)_4TX
EBW
5240MHz

17/09/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

17/09/2021

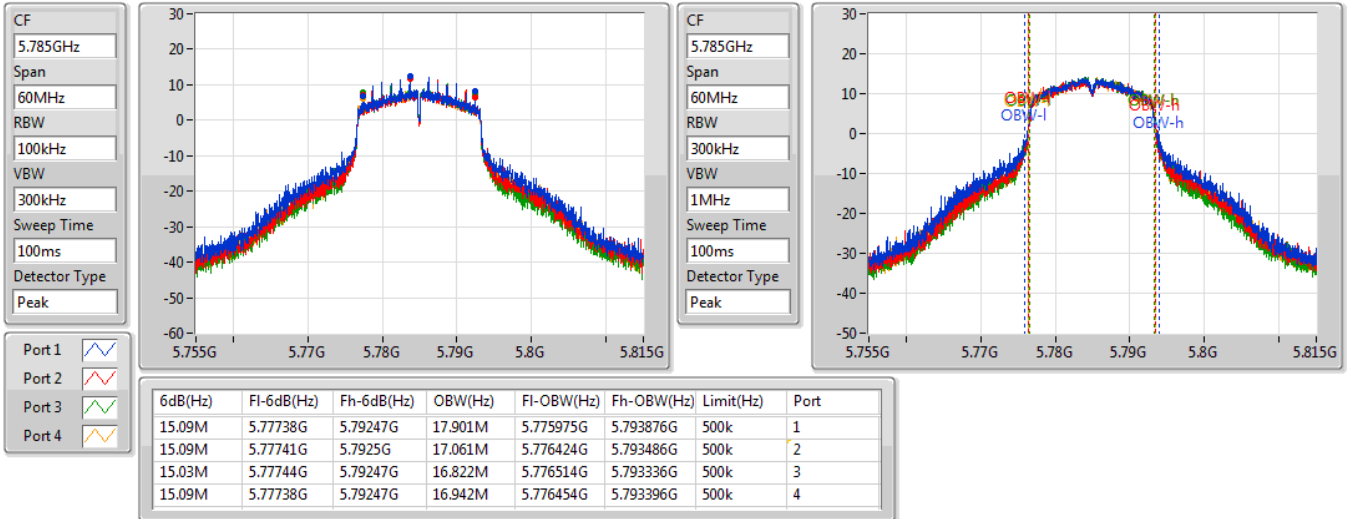


802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

17/09/2021

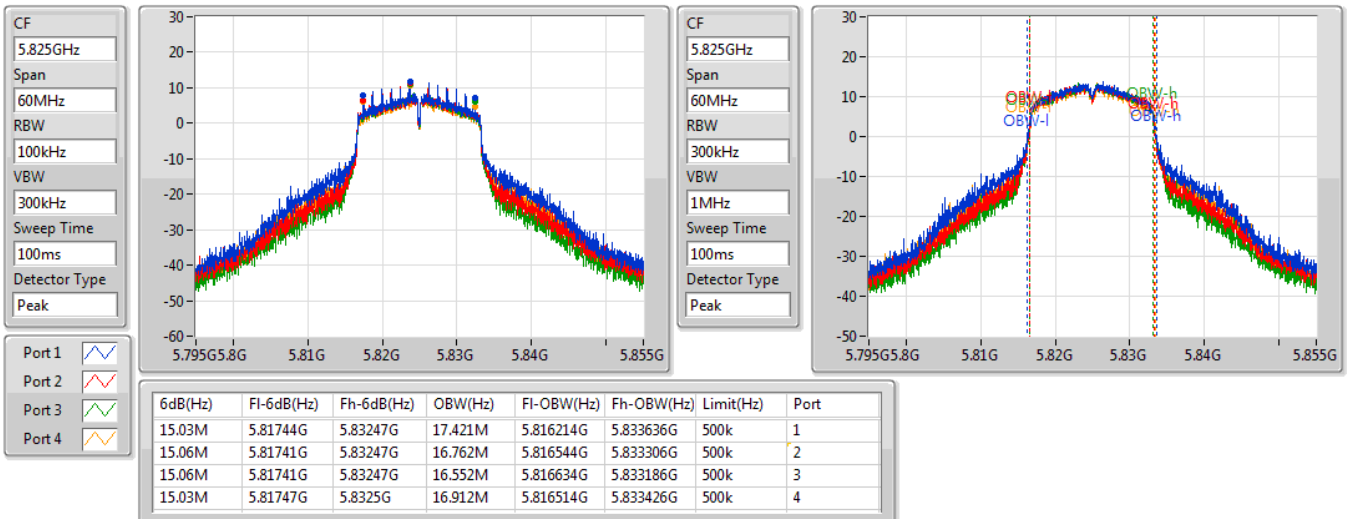


802.11a_Nss1,(6Mbps)_4TX

EBW

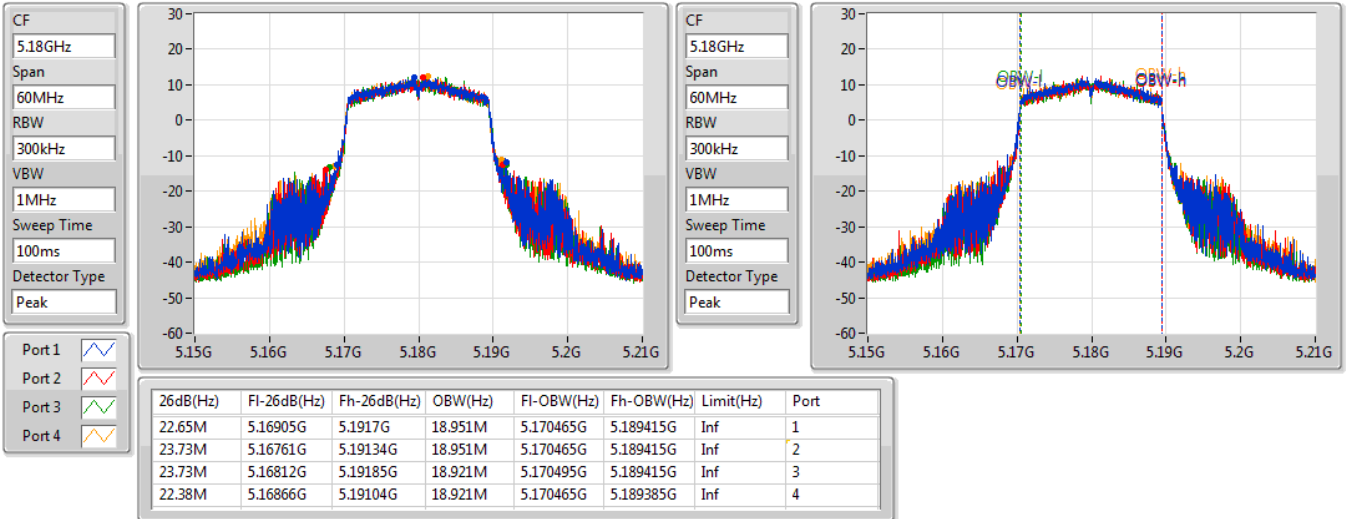
5825MHz

17/09/2021

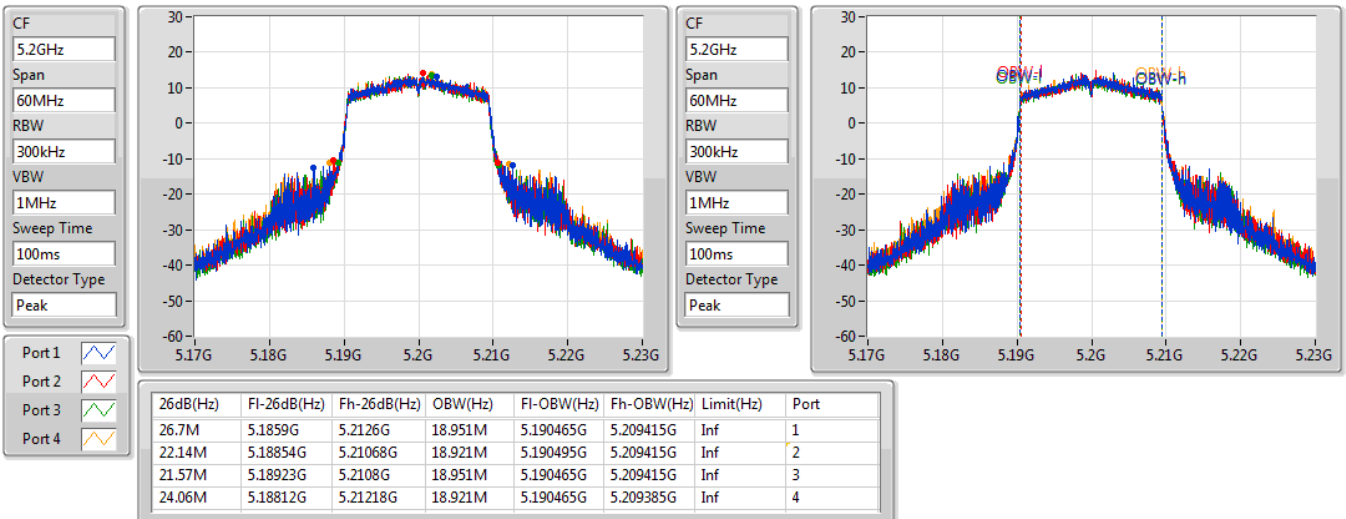


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5180MHz

17/09/2021

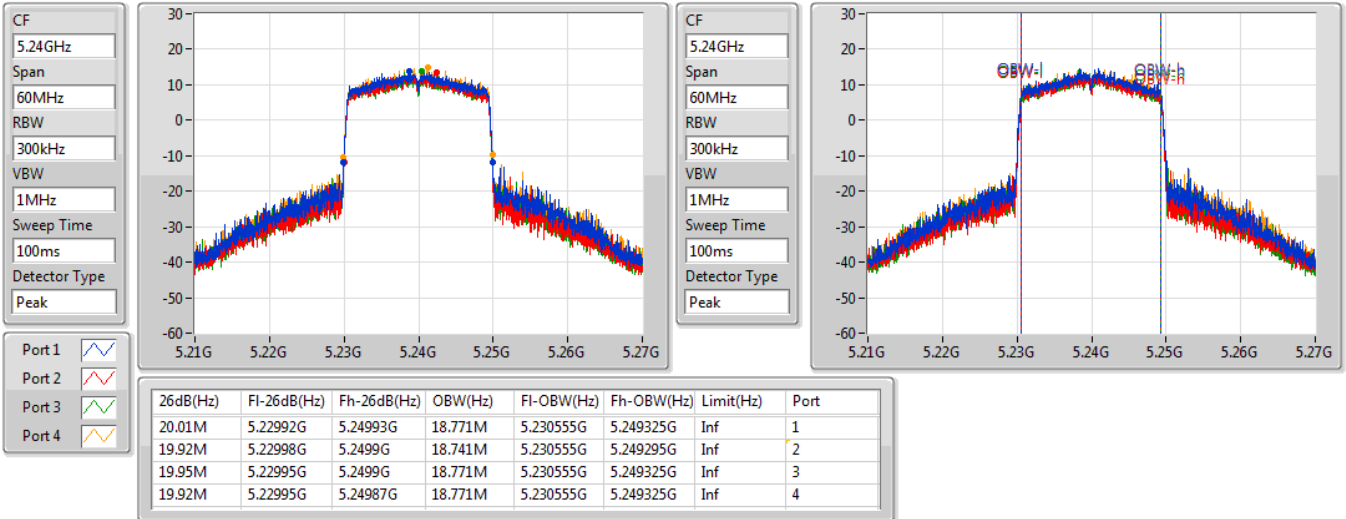

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5200MHz

17/09/2021

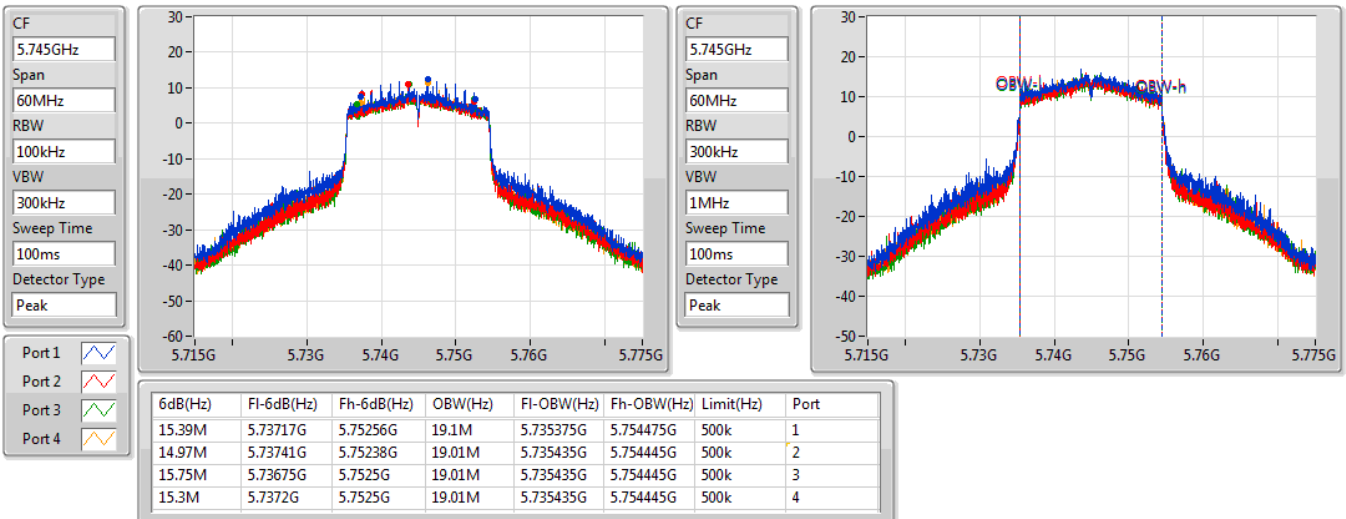


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5240MHz

17/09/2021

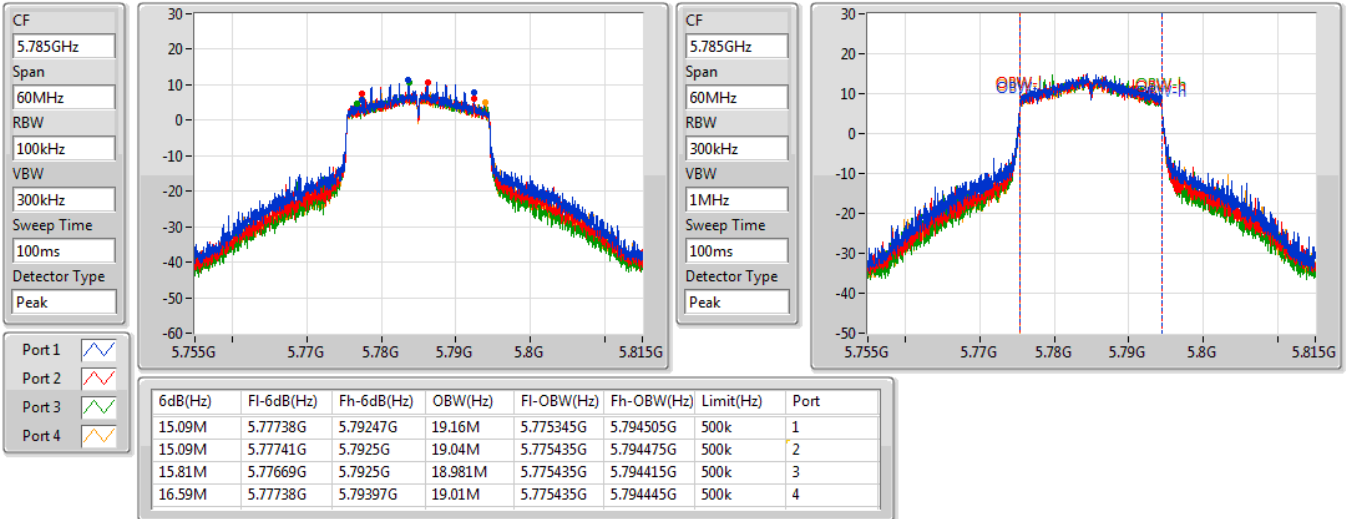

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5745MHz

17/09/2021

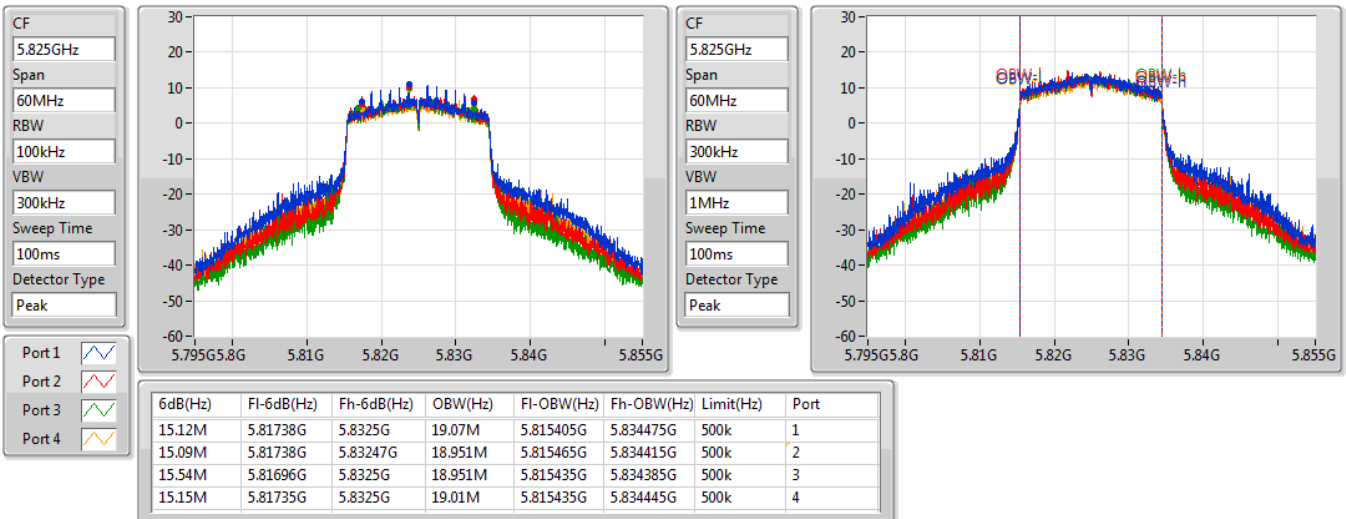


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5785MHz

17/09/2021

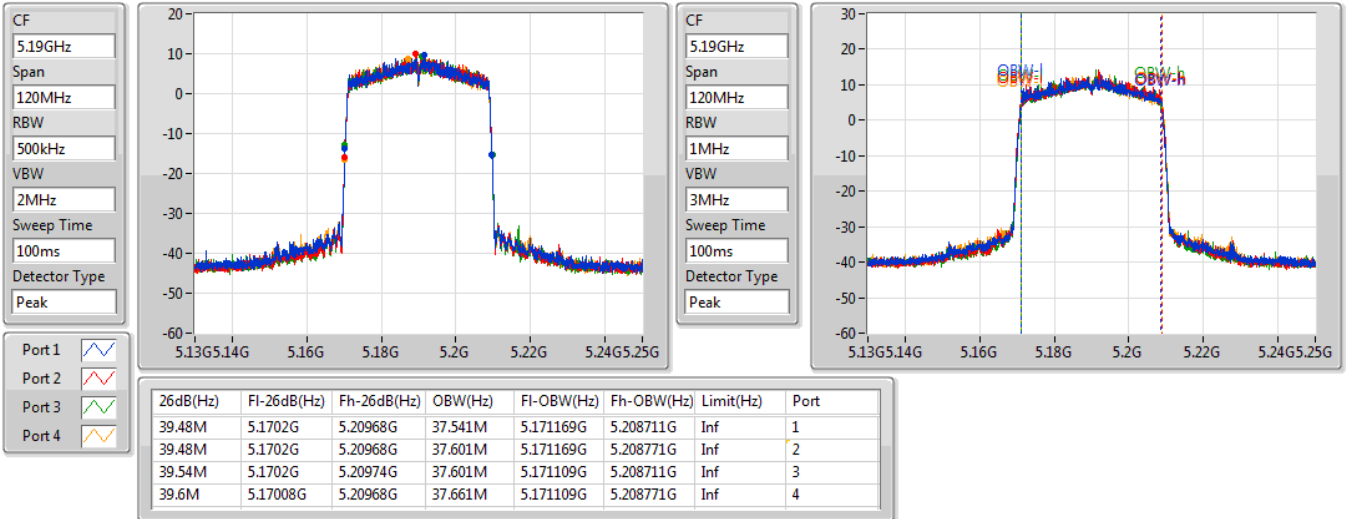

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5825MHz

17/09/2021

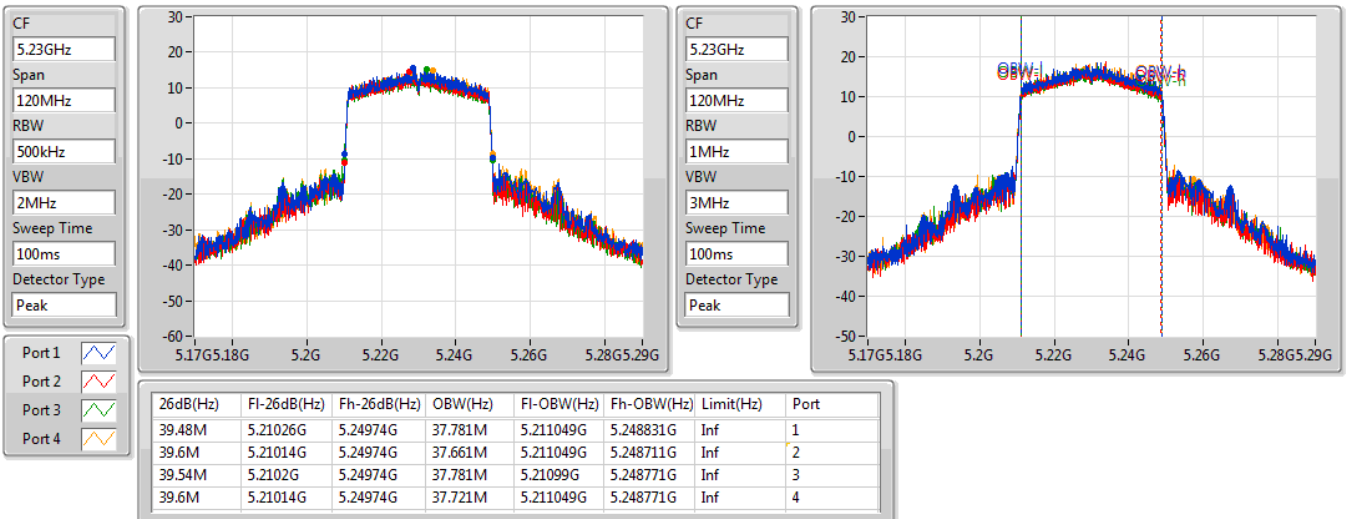


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5190MHz

17/09/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5230MHz

17/09/2021

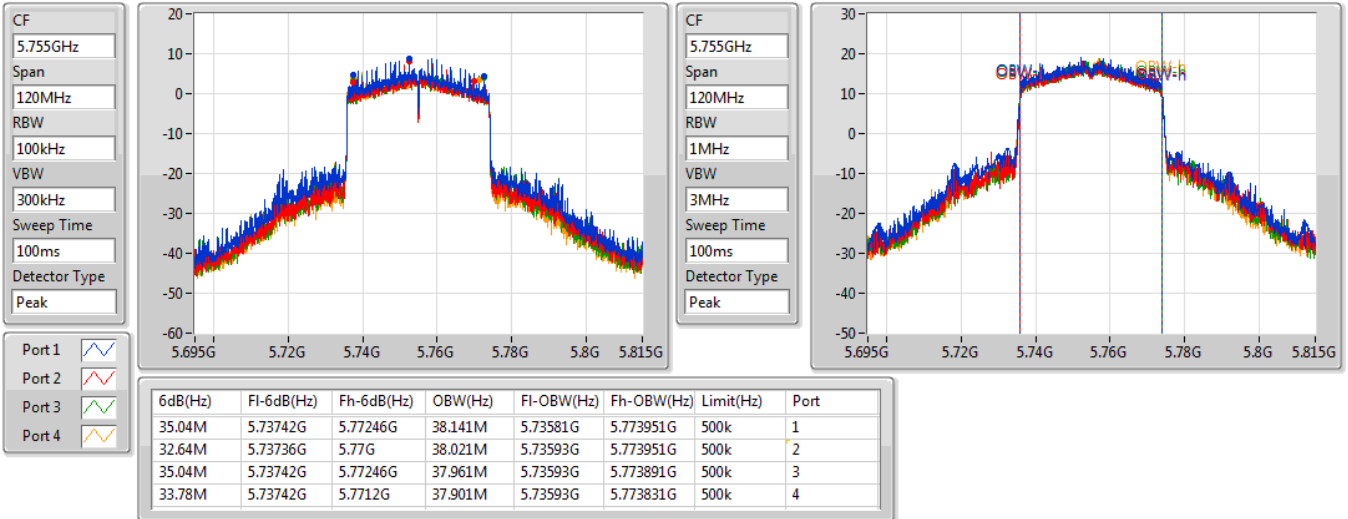


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

17/09/2021

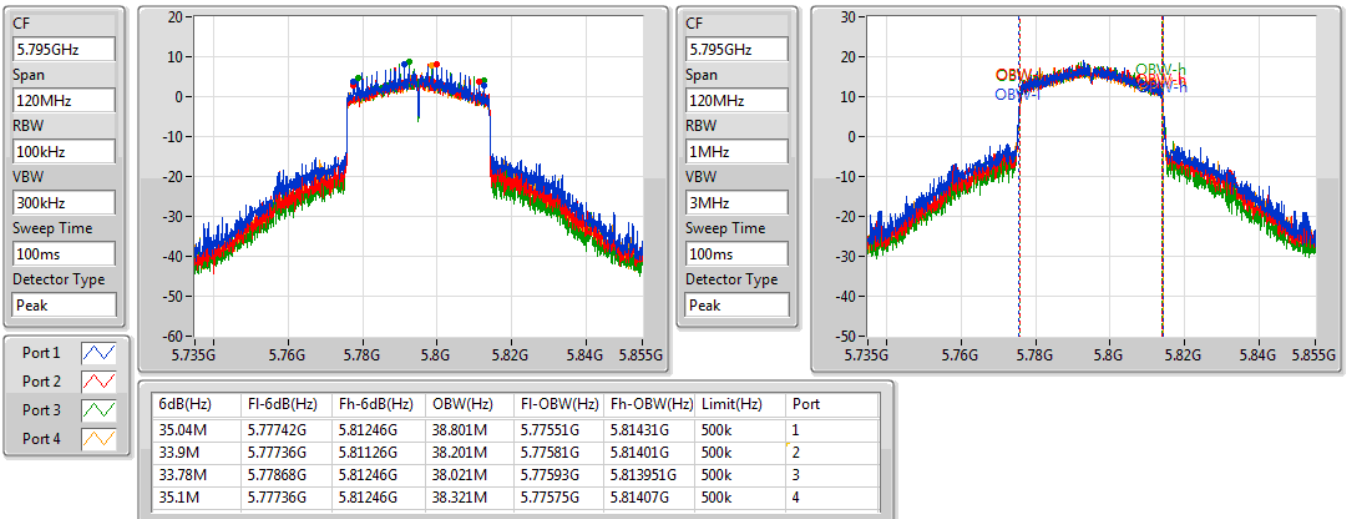


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

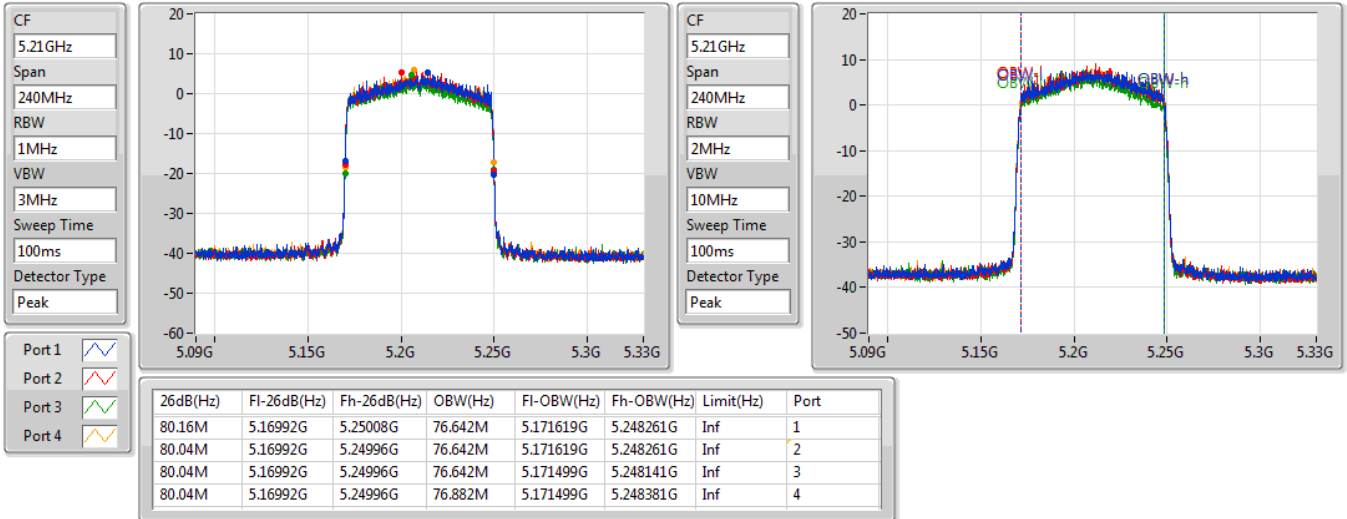
5795MHz

17/09/2021

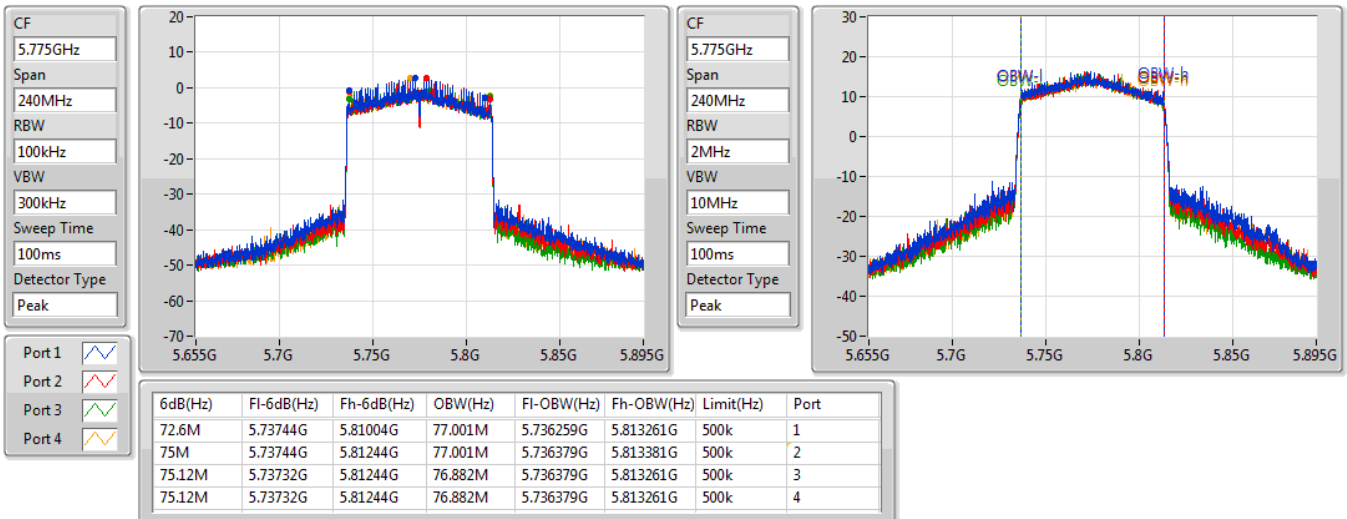


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5210MHz

17/09/2021


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5775MHz

17/09/2021



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.79M	18.921M	18M9D1D	19.89M	18.741M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	39.66M	37.661M	37M7D1D	39.48M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	80.52M	77.001M	77M0D1D	80.16M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.36M	19.04M	19M0D1D	13.77M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	36M	37.721M	37M7D1D	32.52M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	75.12M	77.001M	77M0D1D	56.28M	76.762M

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

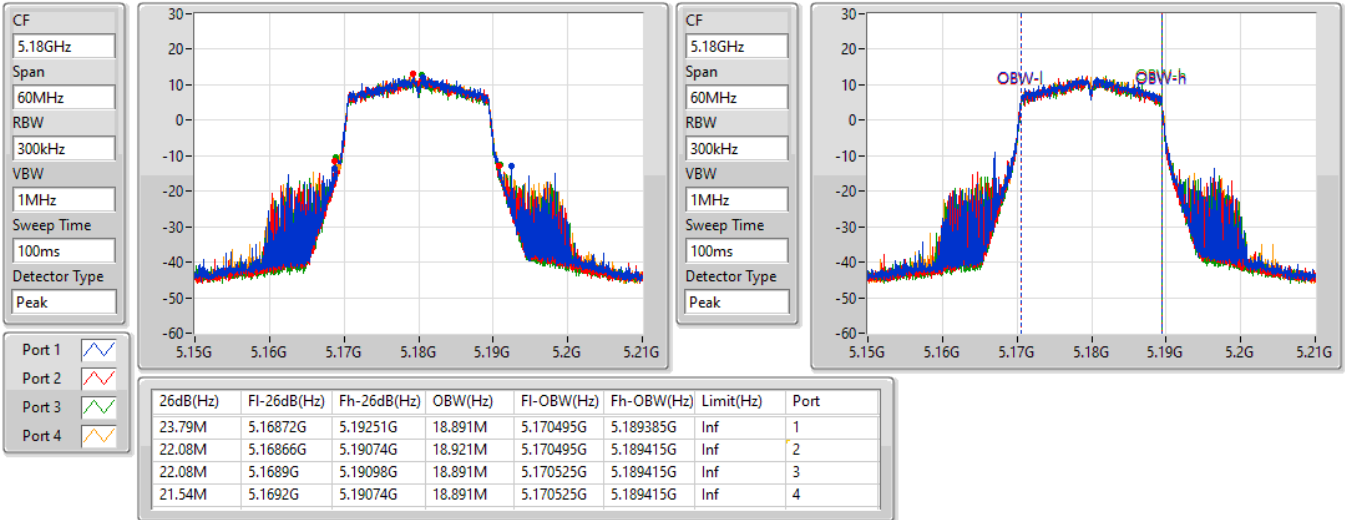
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.79M	18.891M	22.08M	18.921M	22.08M	18.891M	21.54M	18.891M
5200MHz	Pass	Inf	22.8M	18.921M	22.5M	18.921M	21.78M	18.891M	22.02M	18.891M
5240MHz	Pass	Inf	19.95M	18.741M	19.92M	18.771M	19.89M	18.741M	19.92M	18.741M
5745MHz	Pass	500k	13.77M	19.04M	16.2M	18.981M	15.09M	18.981M	15.93M	19.01M
5785MHz	Pass	500k	13.8M	18.921M	15.6M	18.891M	16.26M	18.891M	15.09M	18.891M
5825MHz	Pass	500k	17.64M	18.891M	18.36M	18.921M	15M	18.891M	17.82M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.66M	37.541M	39.6M	37.601M	39.6M	37.601M	39.48M	37.541M
5230MHz	Pass	Inf	39.48M	37.601M	39.48M	37.661M	39.6M	37.601M	39.48M	37.541M
5755MHz	Pass	500k	36M	37.601M	34.98M	37.601M	35.7M	37.541M	33.84M	37.601M
5795MHz	Pass	500k	34.98M	37.721M	34.98M	37.661M	34.44M	37.661M	32.52M	37.601M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.001M	80.16M	76.762M	80.16M	76.882M	80.28M	76.762M
5775MHz	Pass	500k	56.28M	76.762M	75.12M	76.882M	75M	76.882M	75.12M	77.001M

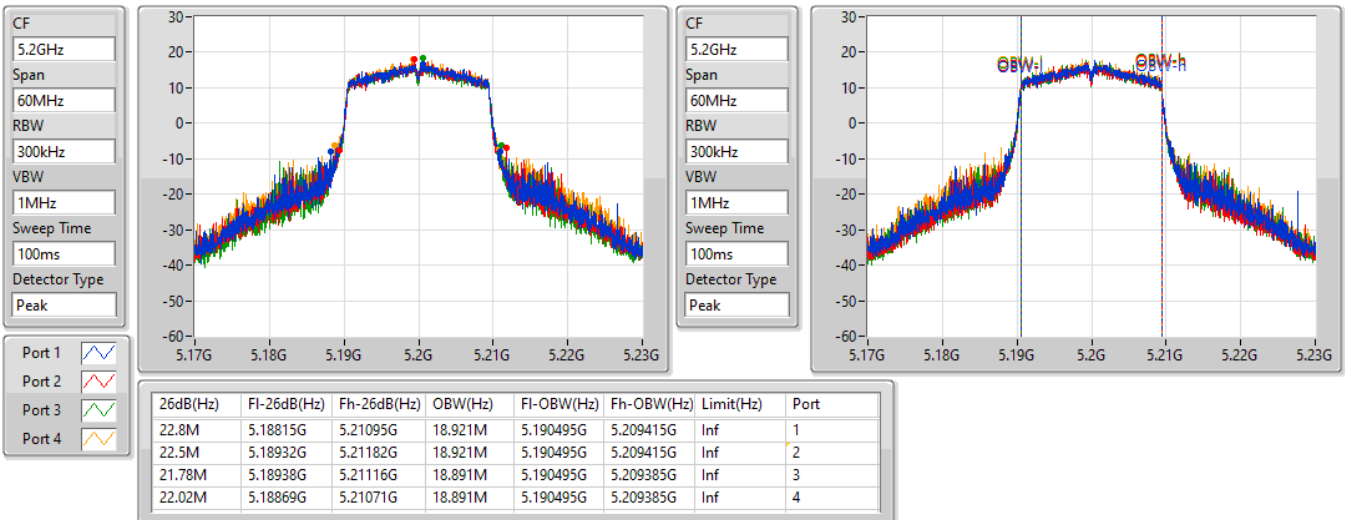
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5180MHz

23/09/2021

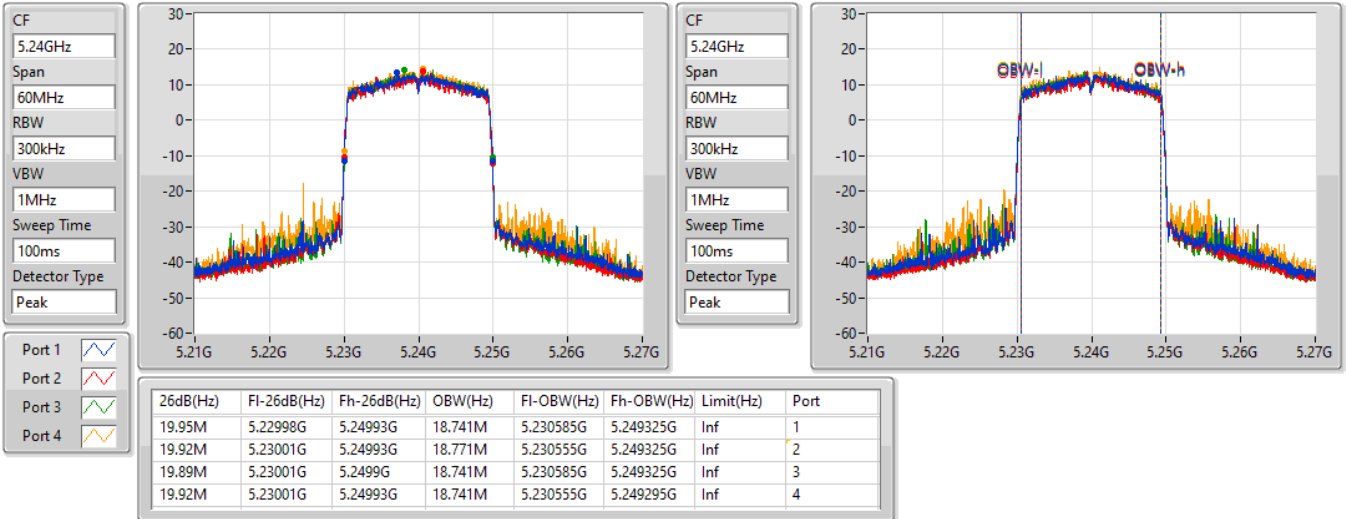

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5200MHz

23/09/2021

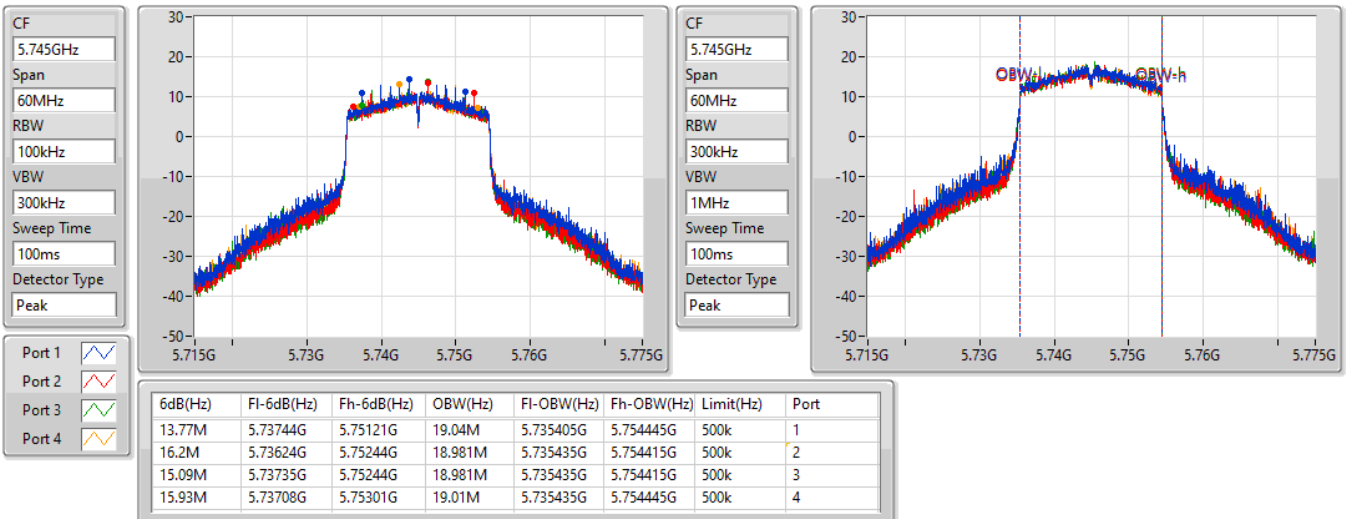


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5240MHz

24/09/2021

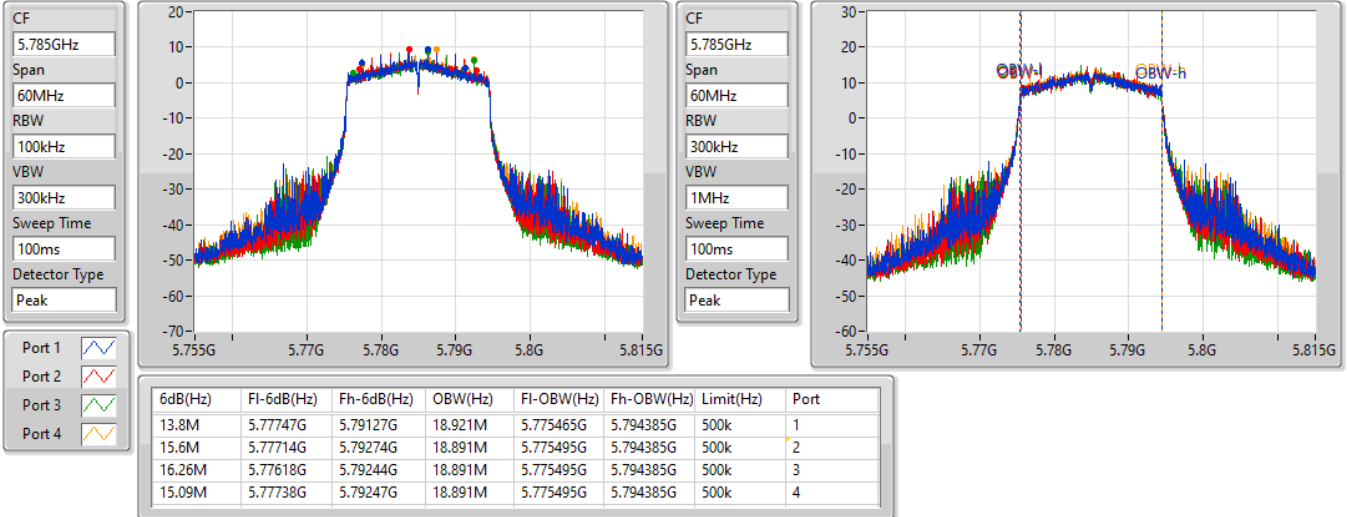

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5745MHz

24/09/2021

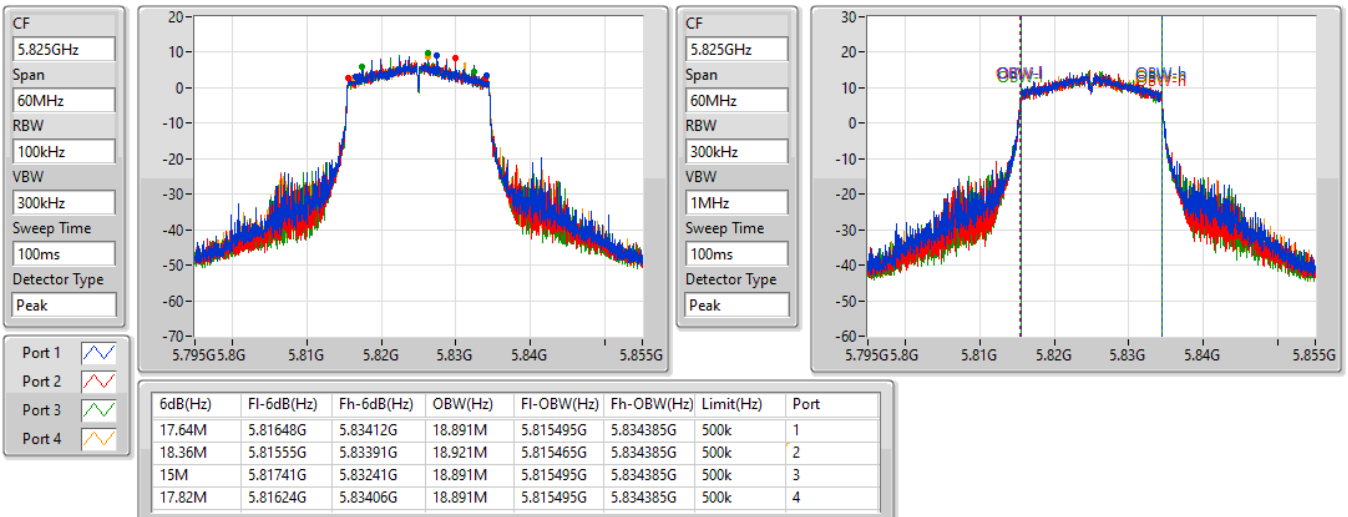


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5785MHz

24/09/2021

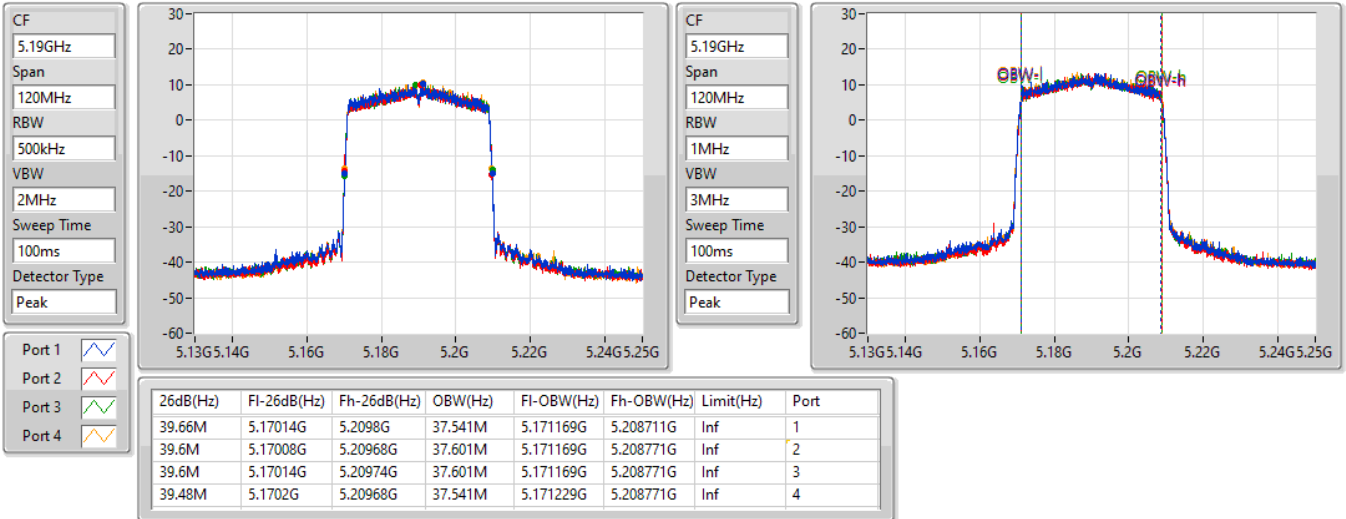

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5825MHz

24/09/2021

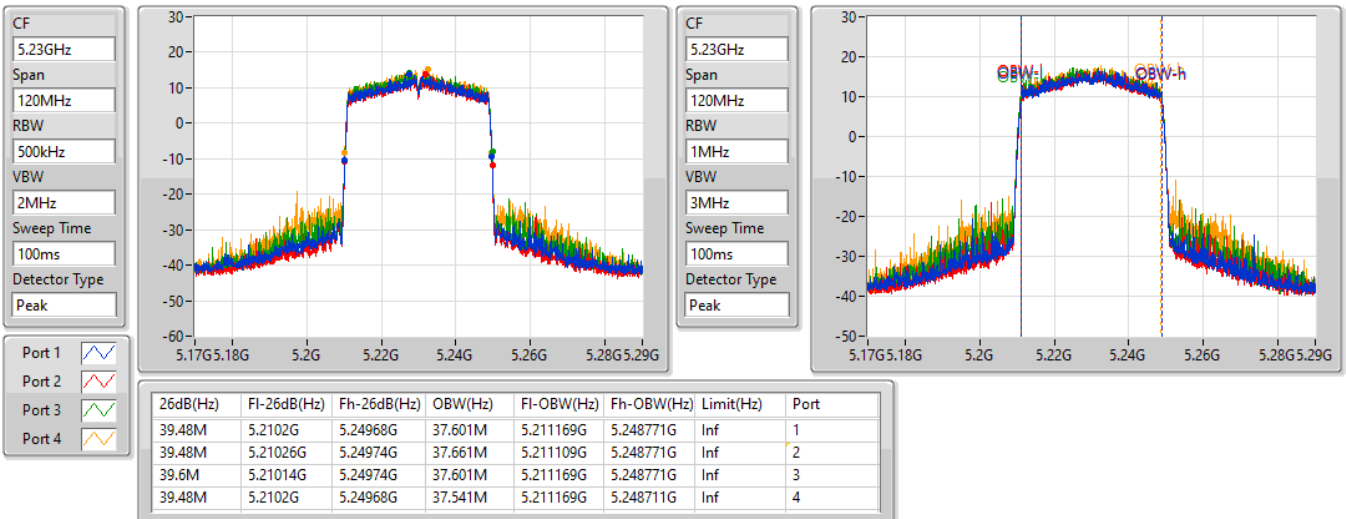


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5190MHz

24/09/2021

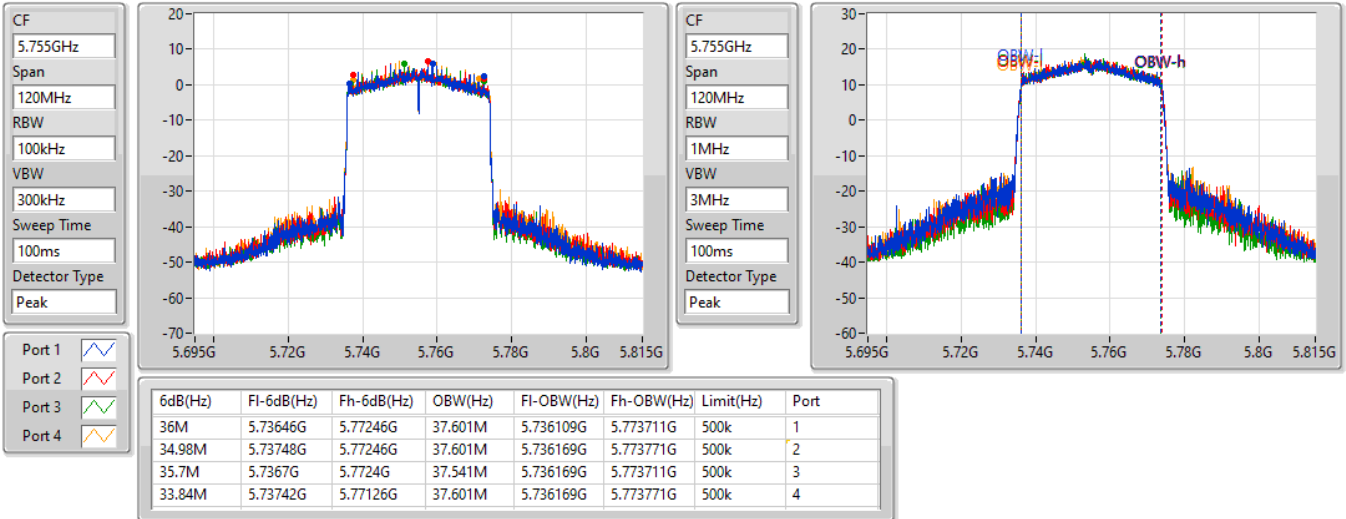

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5230MHz

24/09/2021

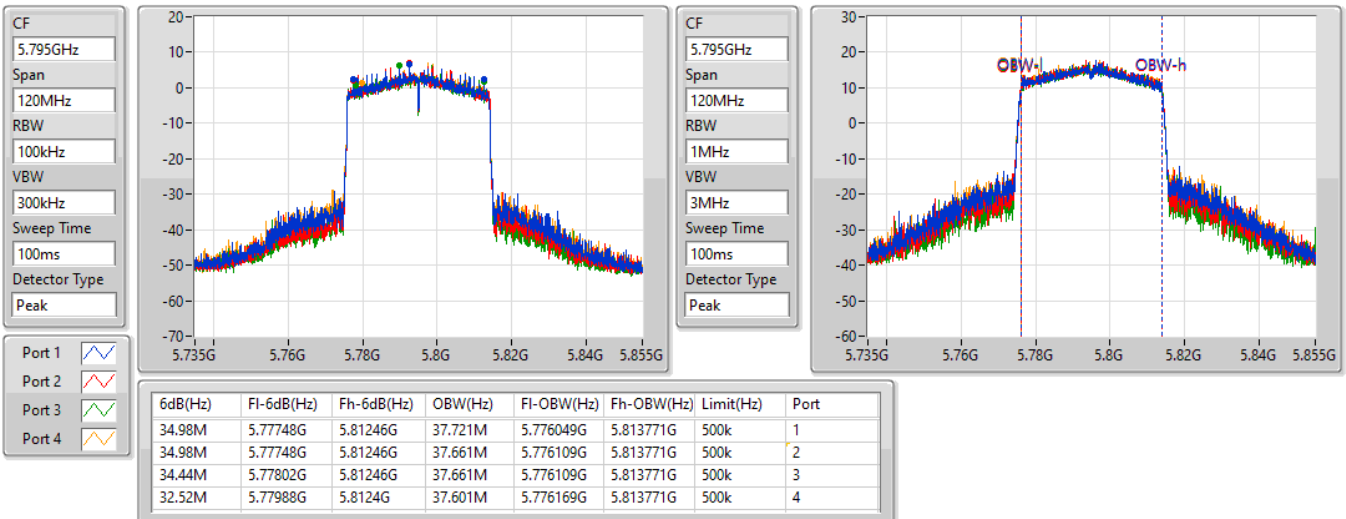


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5755MHz

24/09/2021

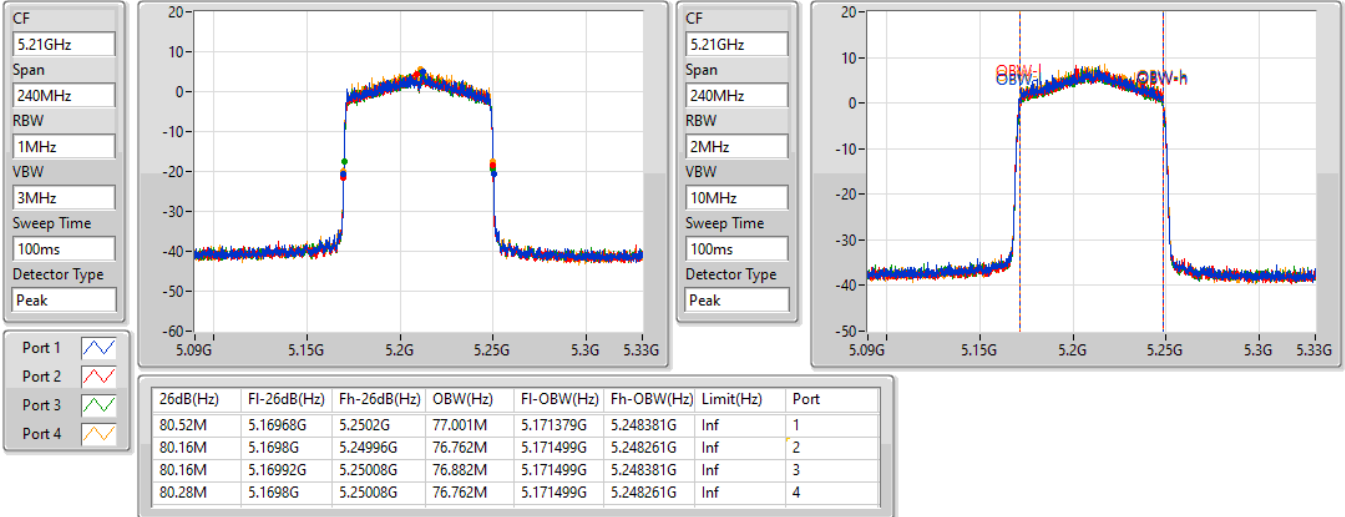

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5795MHz

24/09/2021

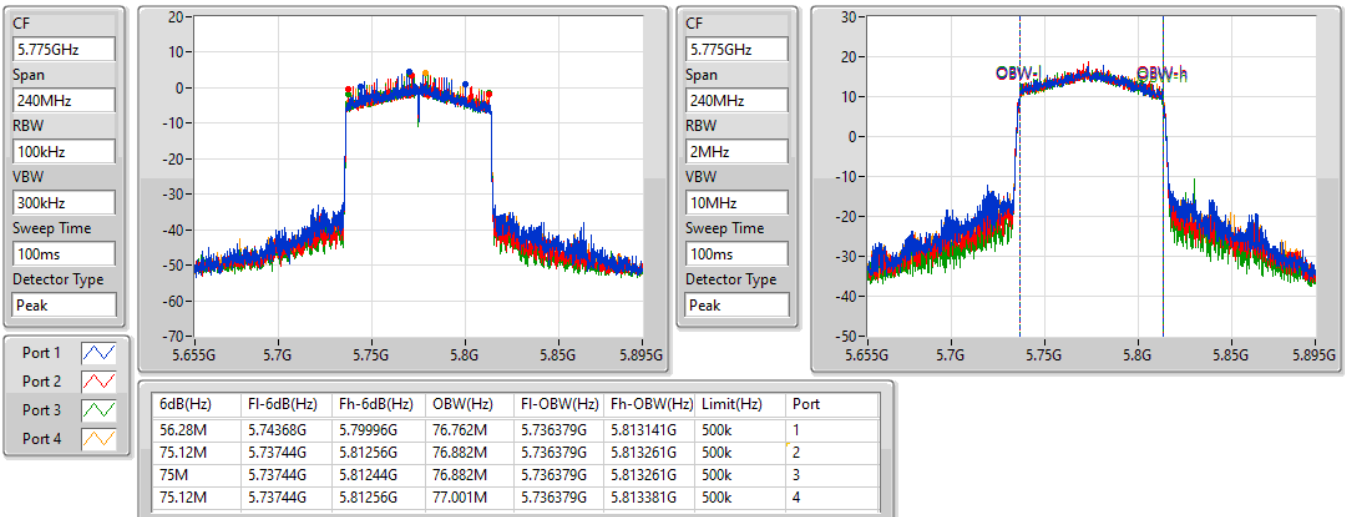


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5210MHz

24/09/2021


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5775MHz

24/09/2021



**Summary**

Mode	Total Power (dBm)	Total Power	EIRP	EIRP
		(W)	(dBm)	(W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.27	0.42364	30.26	1.06170
802.11ax HEW20_Nss1,(MCS0)_4TX	26.92	0.49204	30.91	1.23310
802.11ax HEW40_Nss1,(MCS0)_4TX	27.50	0.56234	31.49	1.40929
802.11ax HEW80_Nss1,(MCS0)_4TX	18.27	0.06714	22.26	0.16827
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.80	0.75858	32.79	1.90108
802.11ax HEW20_Nss1,(MCS0)_4TX	28.40	0.69183	32.39	1.73380
802.11ax HEW40_Nss1,(MCS0)_4TX	27.98	0.62806	31.97	1.57398
802.11ax HEW80_Nss1,(MCS0)_4TX	25.43	0.34914	29.42	0.87498



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power	Power Limit	EIRP	EIRP Limit
							(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.99	17.81	17.68	17.72	17.81	23.78	30.00	27.77	36.00
5200MHz	Pass	3.99	20.39	20.40	20.01	20.20	26.27	30.00	30.26	36.00
5240MHz	Pass	3.99	20.56	19.58	19.52	20.80	26.17	30.00	30.16	36.00
5745MHz	Pass	3.99	23.13	22.31	22.63	23.01	28.80	30.00	32.79	36.00
5785MHz	Pass	3.99	22.53	22.13	22.53	22.37	28.41	30.00	32.40	36.00
5825MHz	Pass	3.99	21.98	21.94	21.71	21.26	27.75	30.00	31.74	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.99	19.37	19.21	19.06	19.52	25.31	30.00	29.30	36.00
5200MHz	Pass	3.99	20.95	20.94	20.79	20.93	26.92	30.00	30.91	36.00
5240MHz	Pass	3.99	21.17	20.35	20.31	21.47	26.88	30.00	30.87	36.00
5745MHz	Pass	3.99	22.85	22.07	22.08	22.46	28.40	30.00	32.39	36.00
5785MHz	Pass	3.99	21.87	21.61	21.69	21.60	27.71	30.00	31.70	36.00
5825MHz	Pass	3.99	21.32	21.26	20.88	20.61	27.05	30.00	31.04	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.99	16.44	16.38	16.23	16.28	22.35	30.00	26.34	36.00
5230MHz	Pass	3.99	21.82	21.23	20.99	21.83	27.50	30.00	31.49	36.00
5755MHz	Pass	3.99	22.19	21.46	21.52	21.76	27.76	30.00	31.75	36.00
5795MHz	Pass	3.99	22.02	21.96	22.06	21.79	27.98	30.00	31.97	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.99	12.56	12.56	11.53	12.28	18.27	30.00	22.26	36.00
5775MHz	Pass	3.99	19.79	19.24	19.31	19.28	25.43	30.00	29.42	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.93	0.39174	35.06	3.20627
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.97	0.39537	35.10	3.23594
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.70	0.04677	25.83	0.38282
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.36	0.43251	35.49	3.53997
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.20	0.41687	35.33	3.41193
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.35	0.43152	35.48	3.53183

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.13	19.60	19.43	19.44	20.21	25.70	26.87	34.83	36.00
5200MHz	Pass	9.13	19.60	19.47	19.90	20.59	25.93	26.87	35.06	36.00
5240MHz	Pass	9.13	19.65	19.14	19.80	20.60	25.85	26.87	34.98	36.00
5745MHz	Pass	9.13	20.52	20.03	20.22	20.05	26.23	26.87	35.36	36.00
5785MHz	Pass	9.13	20.05	20.20	19.99	20.56	26.23	26.87	35.36	36.00
5825MHz	Pass	9.13	20.54	20.22	20.27	20.33	26.36	26.87	35.49	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.13	16.04	15.74	16.04	16.33	22.06	26.87	31.19	36.00
5230MHz	Pass	9.13	19.92	19.29	20.00	20.51	25.97	26.87	35.10	36.00
5755MHz	Pass	9.13	20.22	20.16	20.03	20.24	26.18	26.87	35.31	36.00
5795MHz	Pass	9.13	19.68	20.28	20.09	20.62	26.20	26.87	35.33	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.13	10.78	10.63	10.05	11.19	16.70	26.87	25.83	36.00
5775MHz	Pass	9.13	20.40	20.55	20.04	20.33	26.35	26.87	35.48	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD
		(dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.85	22.98
802.11ax HEW20_Nss1,(MCS0)_4TX	13.72	22.85
802.11ax HEW40_Nss1,(MCS0)_4TX	11.50	20.63
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.04	8.09
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.74	23.87
802.11ax HEW20_Nss1,(MCS0)_4TX	13.74	22.87
802.11ax HEW40_Nss1,(MCS0)_4TX	10.58	19.71
802.11ax HEW80_Nss1,(MCS0)_4TX	5.36	14.49

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.13	4.81	4.93	4.90	4.98	10.82	13.87	19.95	23.00
5200MHz	Pass	9.13	8.16	8.17	7.63	7.74	13.80	13.87	22.93	23.00
5240MHz	Pass	9.13	8.47	7.54	7.17	8.41	13.85	13.87	22.98	23.00
5745MHz	Pass	9.13	9.24	8.28	8.84	8.93	14.74	26.87	23.87	36.00
5785MHz	Pass	9.13	8.60	8.05	8.57	8.15	14.20	26.87	23.33	36.00
5825MHz	Pass	9.13	7.87	7.69	7.81	7.23	13.58	26.87	22.71	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.13	5.94	5.78	5.60	6.04	11.71	13.87	20.84	23.00
5200MHz	Pass	9.13	7.77	7.86	7.65	7.63	13.66	13.87	22.79	23.00
5240MHz	Pass	9.13	8.31	7.33	7.27	8.43	13.72	13.87	22.85	23.00
5745MHz	Pass	9.13	8.36	7.63	7.60	8.03	13.74	26.87	22.87	36.00
5785MHz	Pass	9.13	7.18	6.91	7.13	7.15	12.98	26.87	22.11	36.00
5825MHz	Pass	9.13	6.65	6.75	6.50	6.13	12.42	26.87	21.55	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.13	0.25	0.17	0.27	0.08	6.03	13.87	15.16	23.00
5230MHz	Pass	9.13	6.04	5.43	5.15	5.66	11.50	13.87	20.63	23.00
5755MHz	Pass	9.13	4.90	4.27	4.21	4.56	10.31	26.87	19.44	36.00
5795MHz	Pass	9.13	4.66	4.71	4.84	4.59	10.58	26.87	19.71	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.13	-6.63	-6.54	-7.65	-7.00	-1.04	13.87	8.09	23.00
5775MHz	Pass	9.13	-0.23	-0.19	-0.81	-0.77	5.36	26.87	14.49	36.00

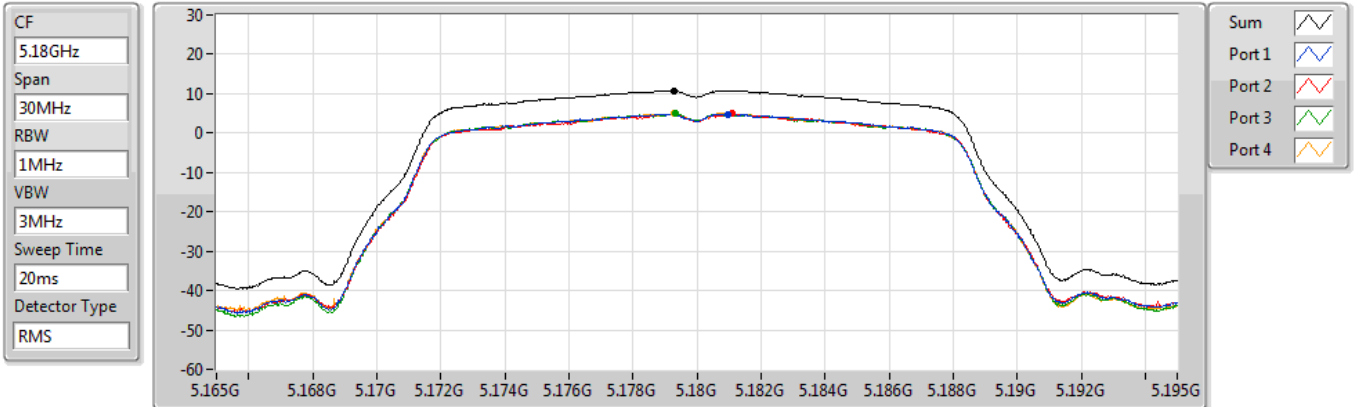
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

17/09/2021



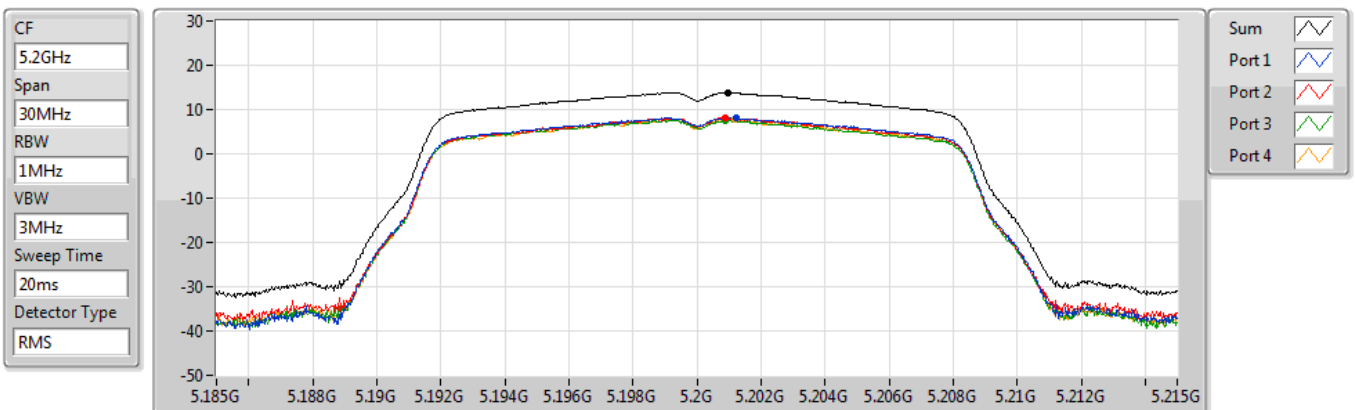
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.81	4.93	4.90	4.98

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

17/09/2021



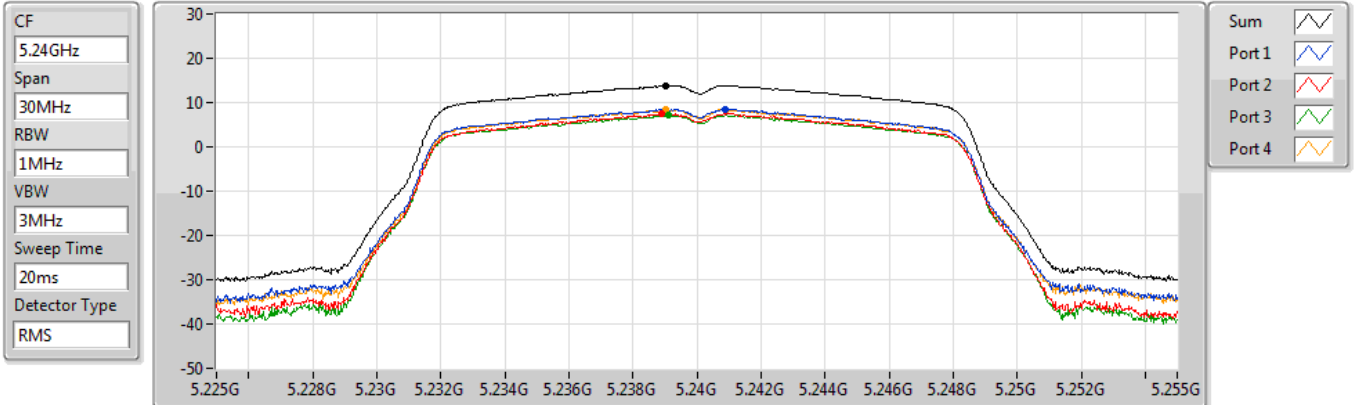
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.80	13.80	8.16	8.17	7.63	7.74

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

17/09/2021



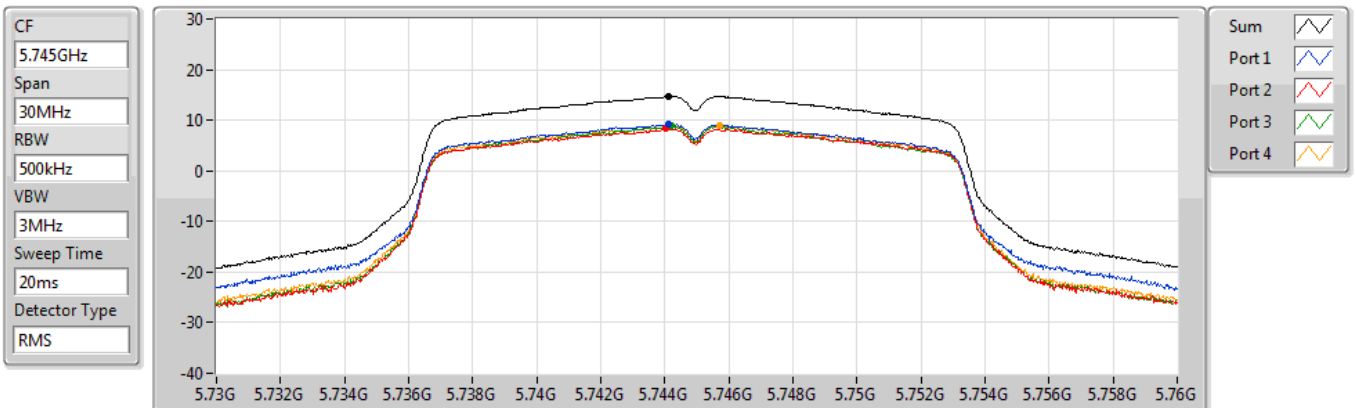
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	8.47	7.54	7.17	8.41

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

17/09/2021



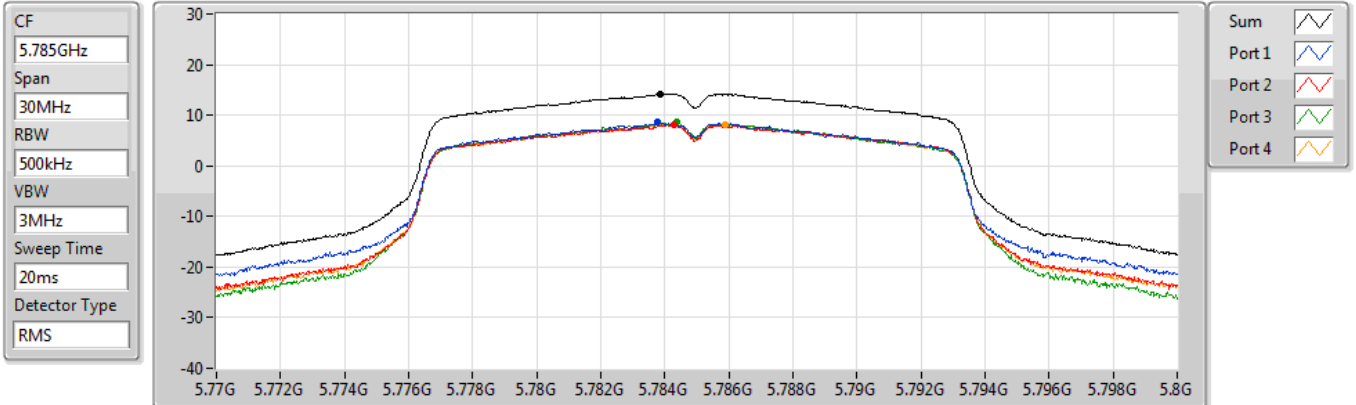
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.74	14.74	9.24	8.28	8.84	8.93

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

17/09/2021

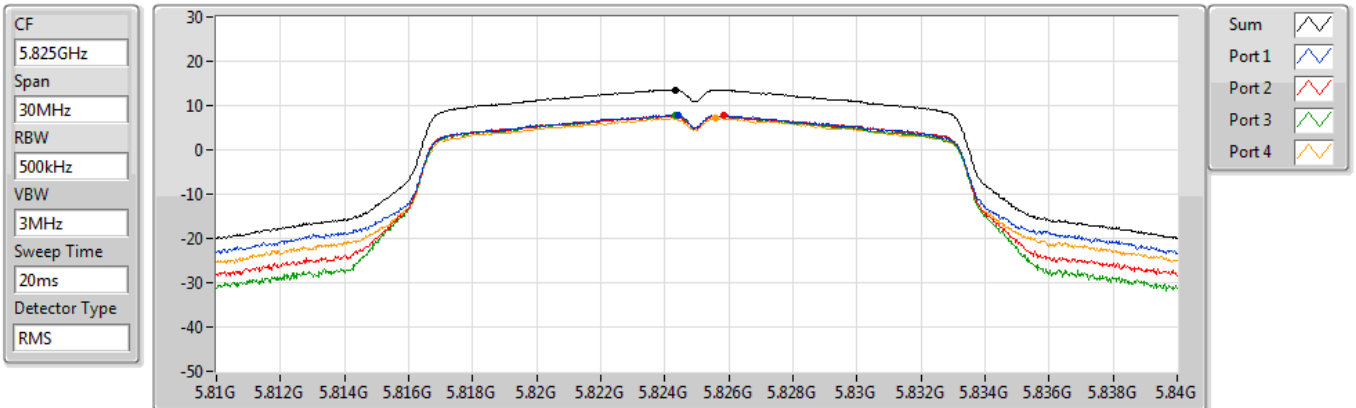


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

17/09/2021

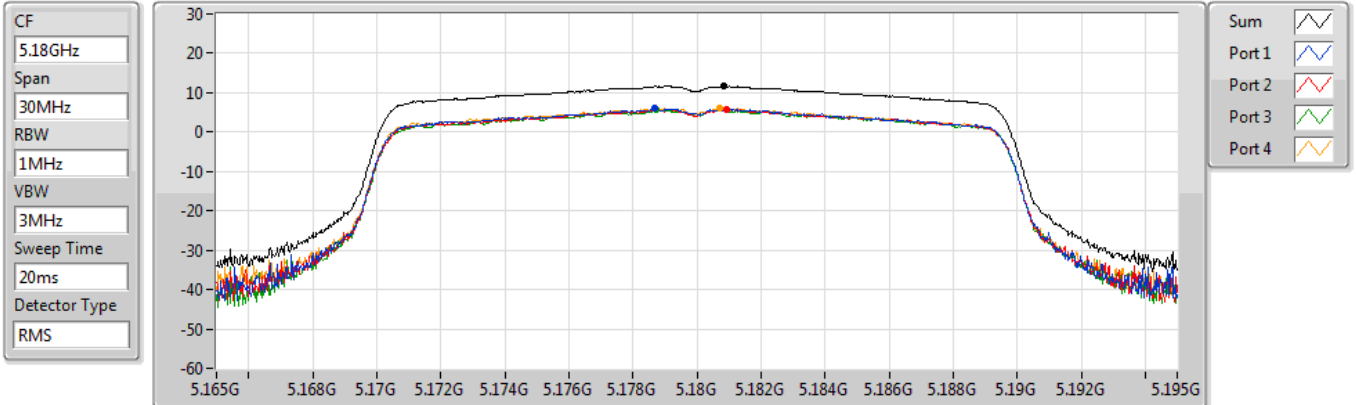


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

17/09/2021



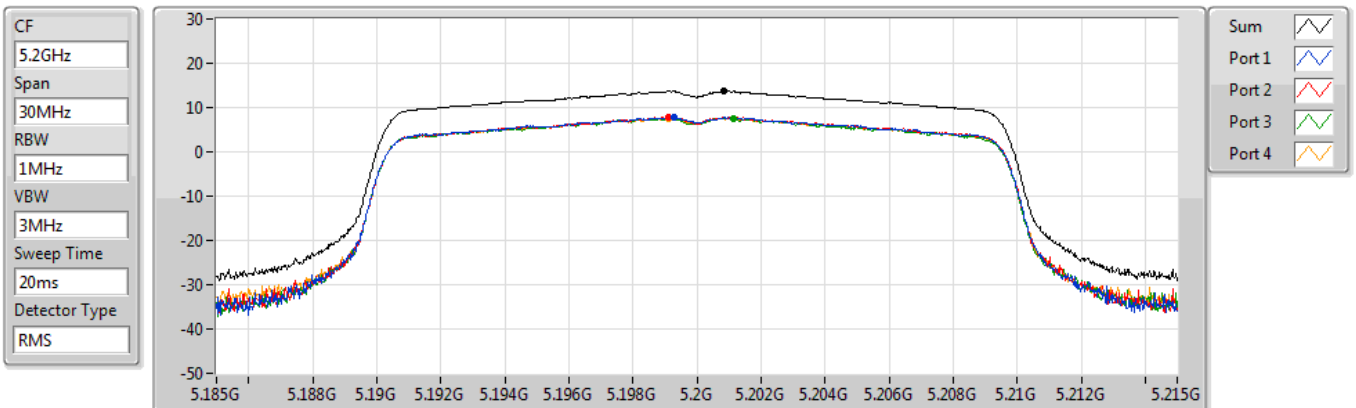
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.71	11.71	5.94	5.78	5.60	6.04

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

17/09/2021



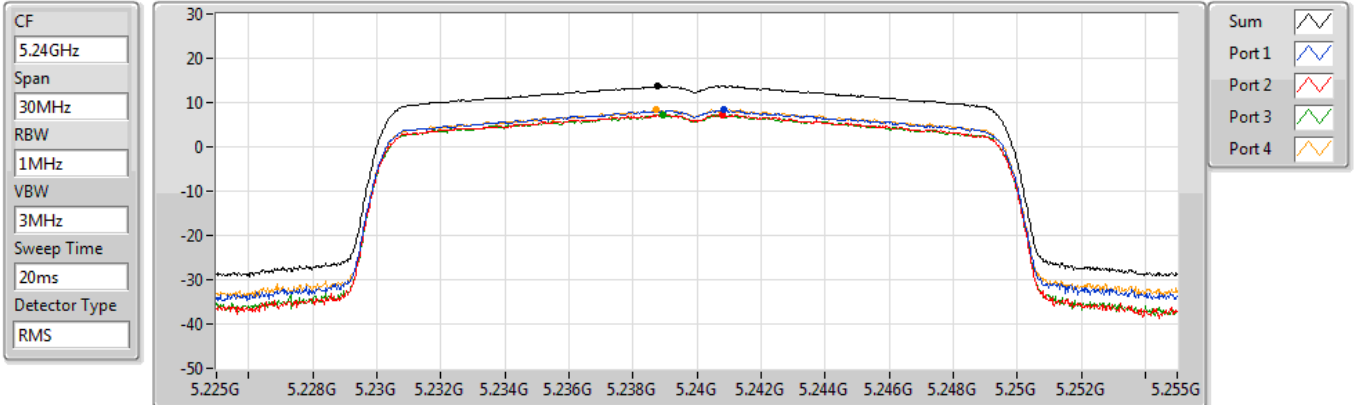
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.66	13.66	7.77	7.86	7.65	7.63

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

17/09/2021

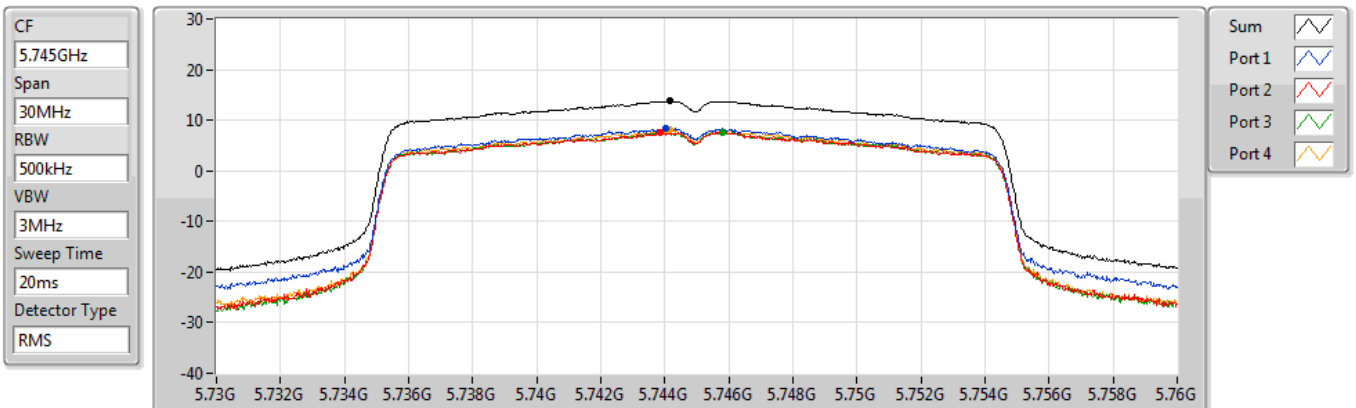


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

17/09/2021

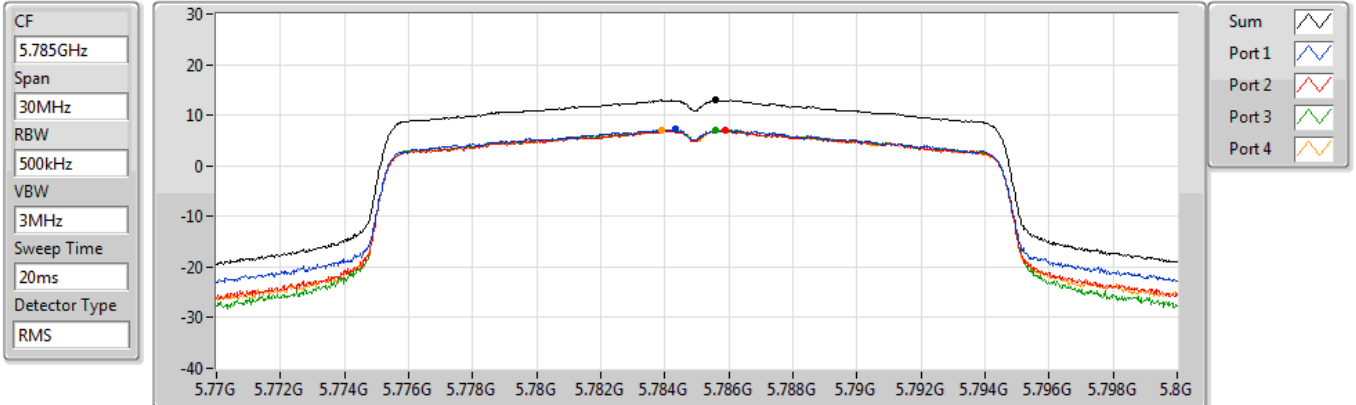


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

17/09/2021



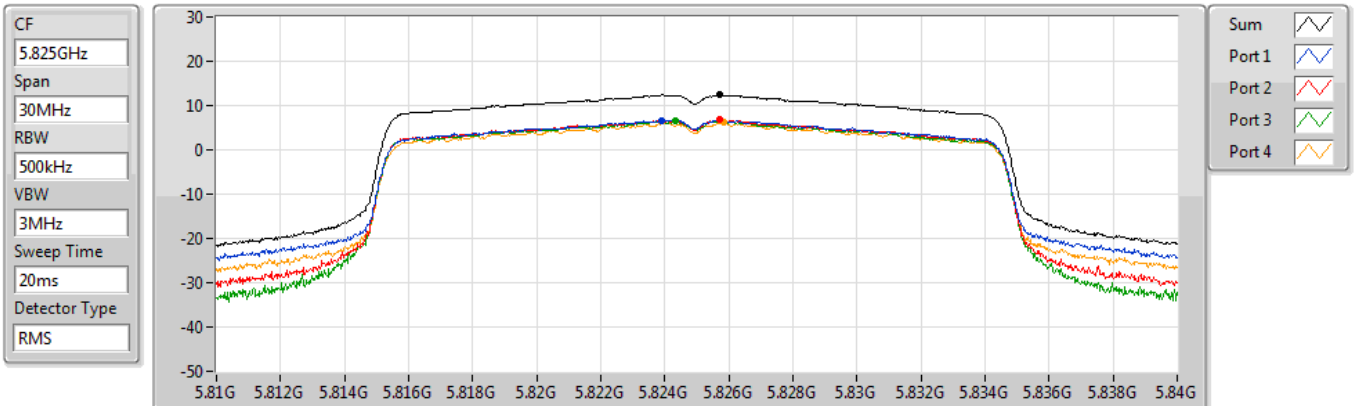
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.98	12.98	7.18	6.91	7.13	7.15

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

17/09/2021



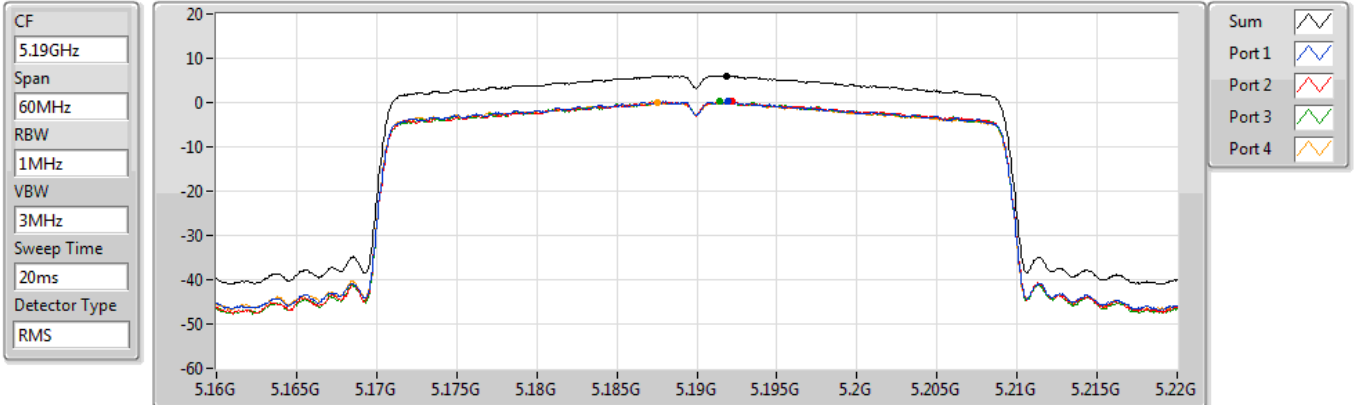
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.42	12.42	6.65	6.75	6.50	6.13

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

17/09/2021

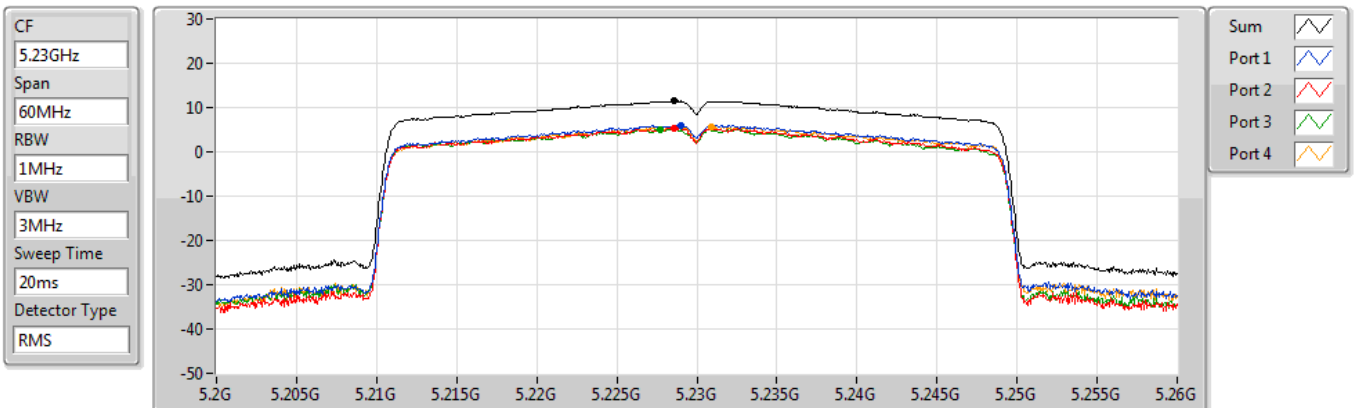


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

17/09/2021

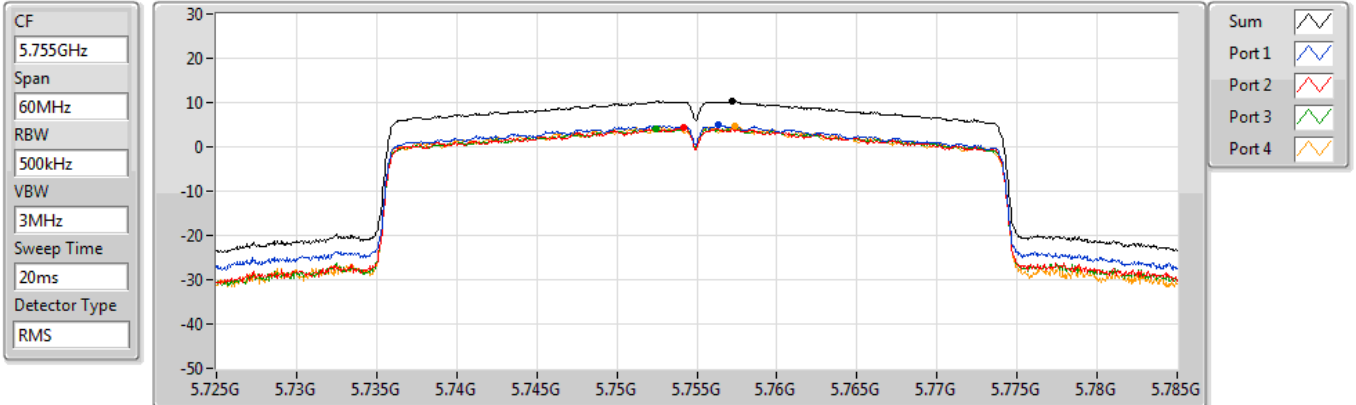


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

17/09/2021

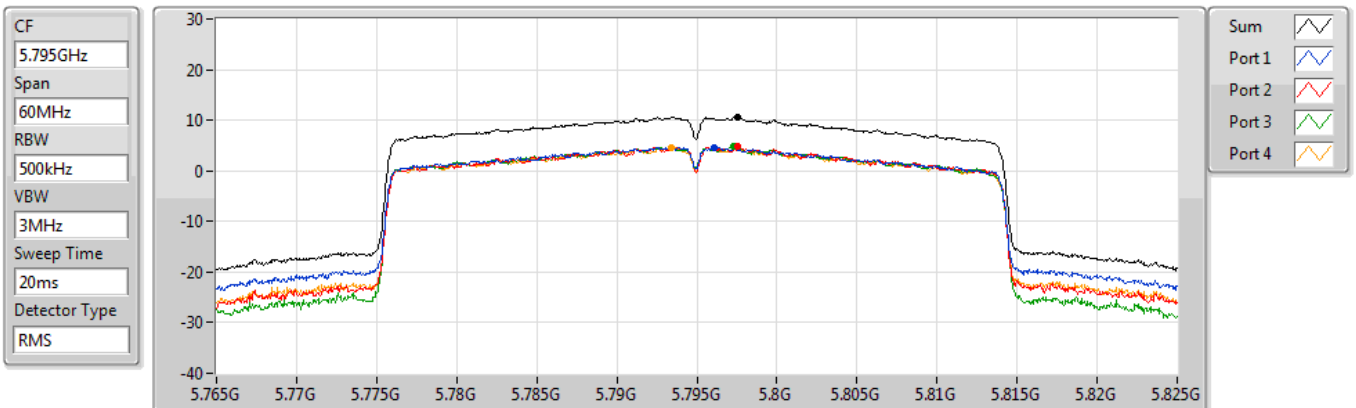


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

17/09/2021

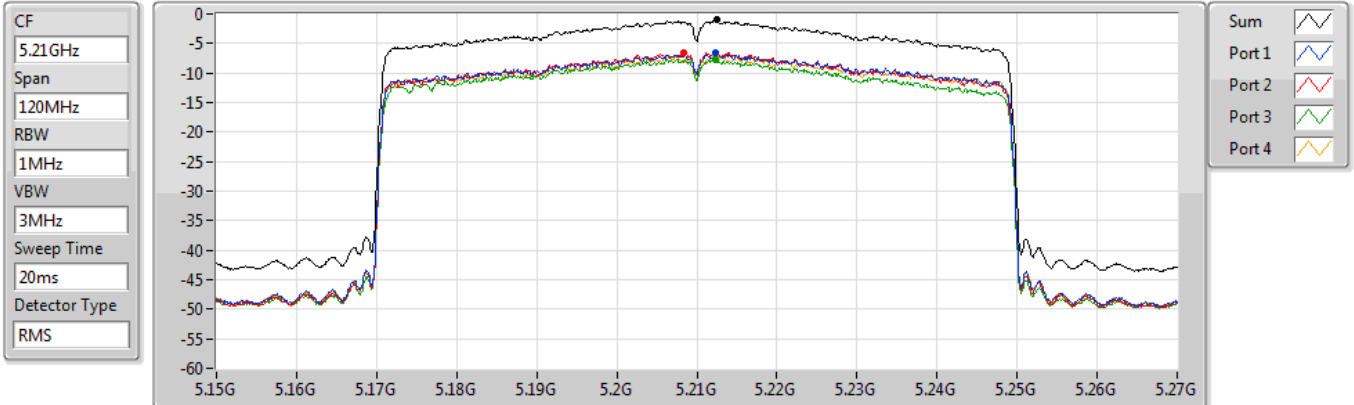


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

17/09/2021

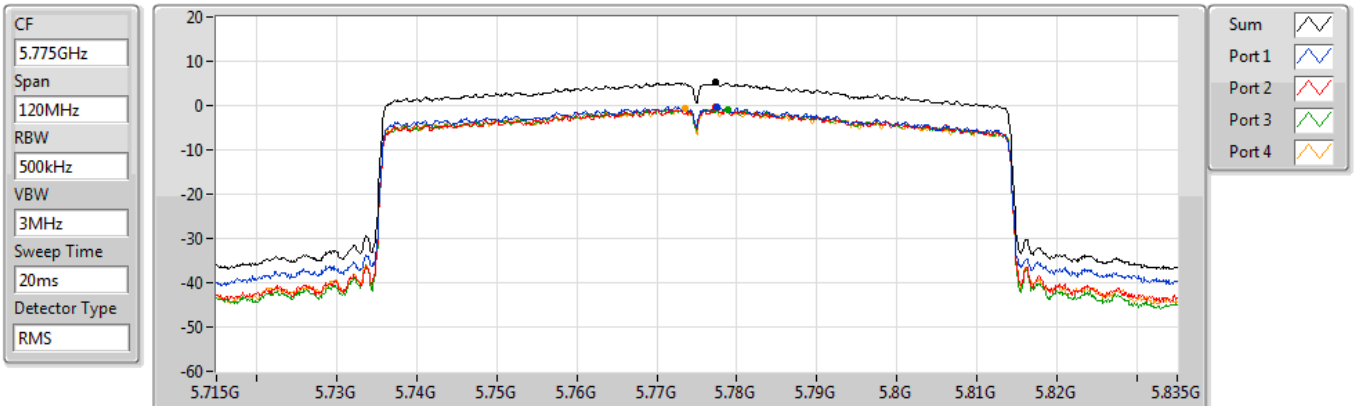


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

17/09/2021



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.78	22.91
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.02	20.15
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.35	7.78
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.39	21.52
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.50	18.63
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.34	14.47

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.13	7.68	7.44	7.34	8.06	13.62	13.87	22.75	23.00
5200MHz	Pass	9.13	7.64	7.46	7.76	8.40	13.78	13.87	22.91	23.00
5240MHz	Pass	9.13	7.57	6.81	7.81	8.71	13.71	13.87	22.84	23.00
5745MHz	Pass	9.13	6.51	6.13	6.17	6.03	12.18	26.87	21.31	36.00
5785MHz	Pass	9.13	5.73	5.85	6.16	6.75	12.08	26.87	21.21	36.00
5825MHz	Pass	9.13	6.23	6.38	6.42	6.58	12.39	26.87	21.52	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.13	0.72	0.50	0.83	1.54	6.83	13.87	15.96	23.00
5230MHz	Pass	9.13	4.94	4.34	5.18	5.64	11.02	13.87	20.15	23.00
5755MHz	Pass	9.13	3.46	3.52	3.31	3.47	9.38	26.87	18.51	36.00
5795MHz	Pass	9.13	3.22	3.41	3.65	4.04	9.50	26.87	18.63	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.13	-7.25	-7.28	-7.94	-6.73	-1.35	13.87	7.78	23.00
5775MHz	Pass	9.13	-0.56	-0.33	-0.65	-0.79	5.34	26.87	14.47	36.00

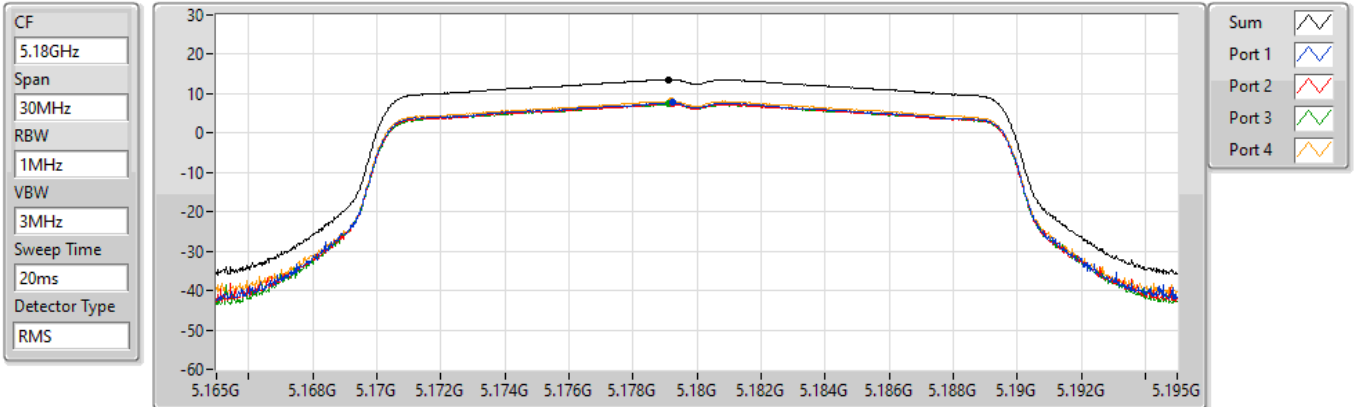
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

24/09/2021



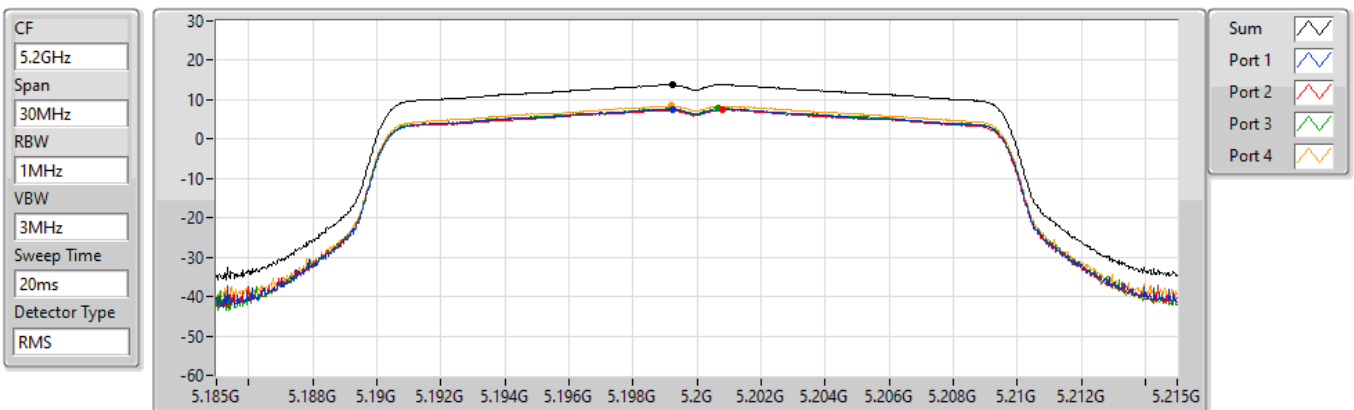
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
13.62	13.62	7.68	7.44	7.34	8.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

24/09/2021



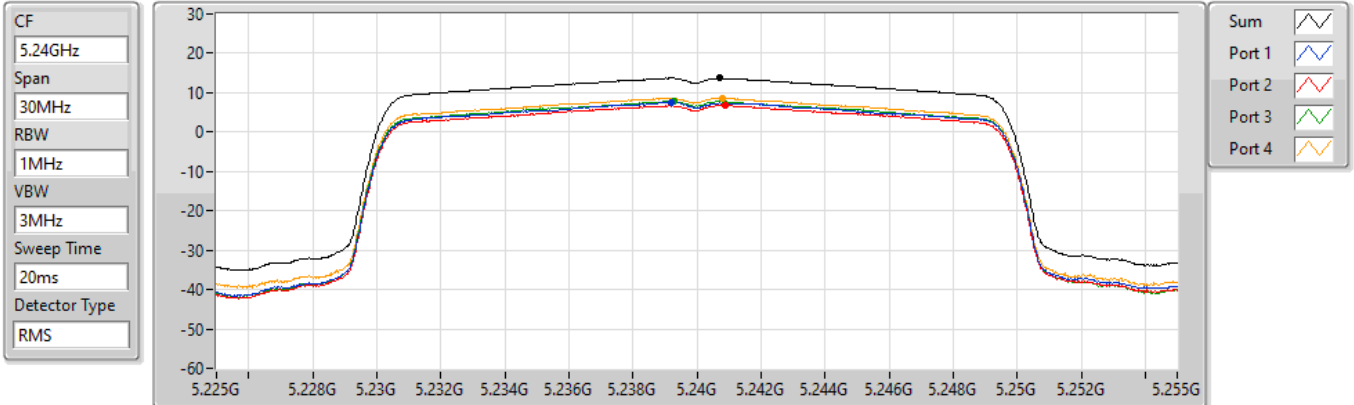
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)	(dBm/100MHz)
13.78	13.78	7.64	7.46	7.76	8.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

24/09/2021



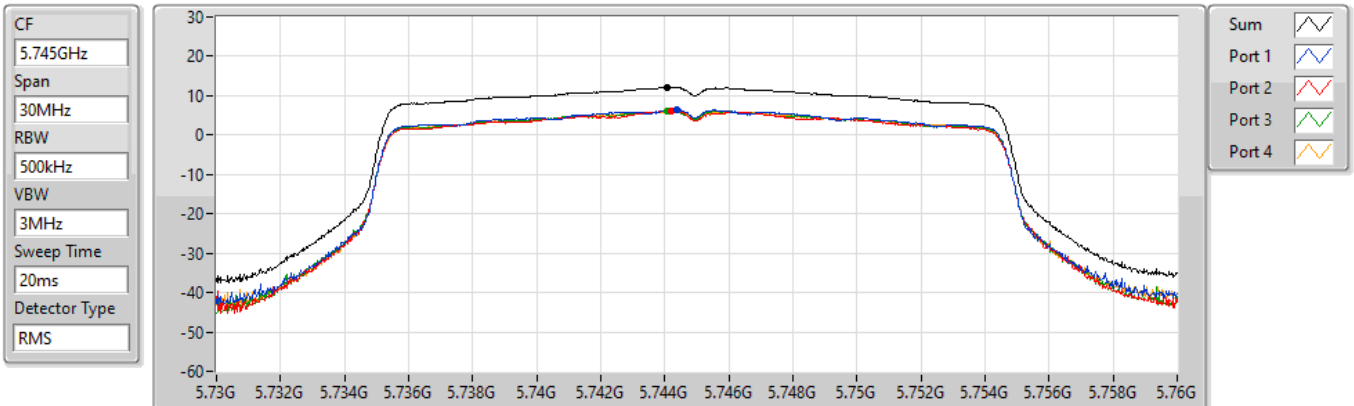
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.71	13.71	7.57	6.81	7.81	8.71

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

24/09/2021



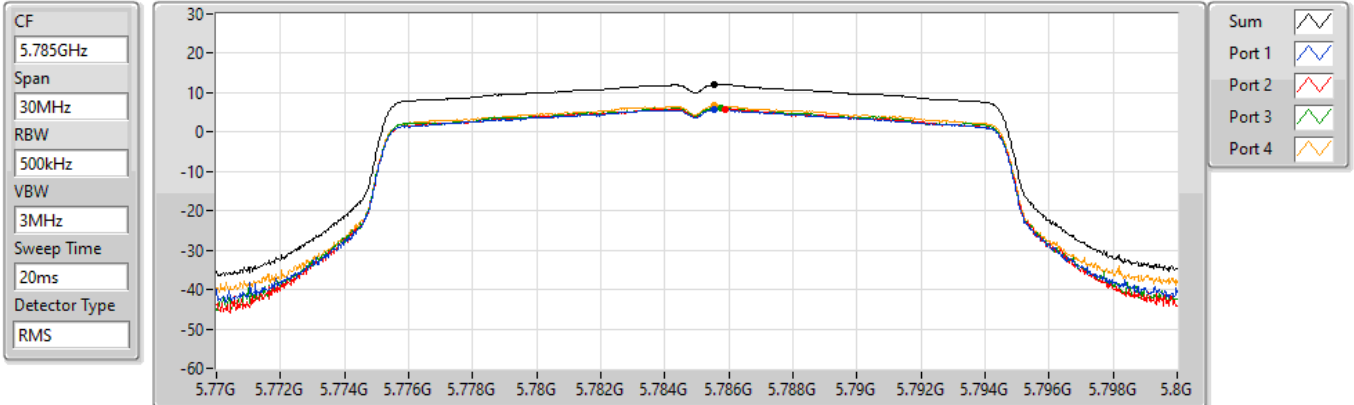
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.18	12.18	6.51	6.13	6.17	6.03

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

24/09/2021



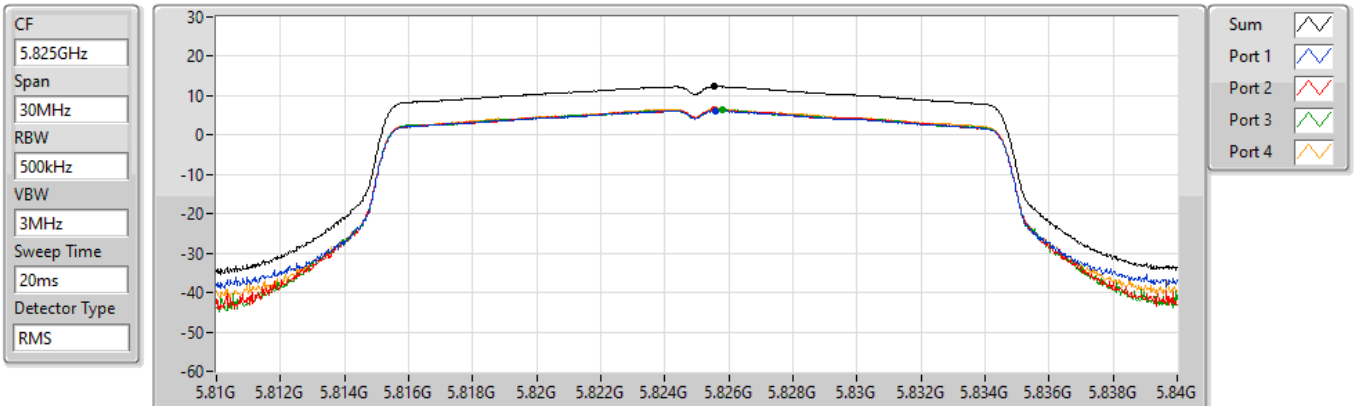
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.08	12.08	5.73	5.85	6.16	6.75

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

24/09/2021



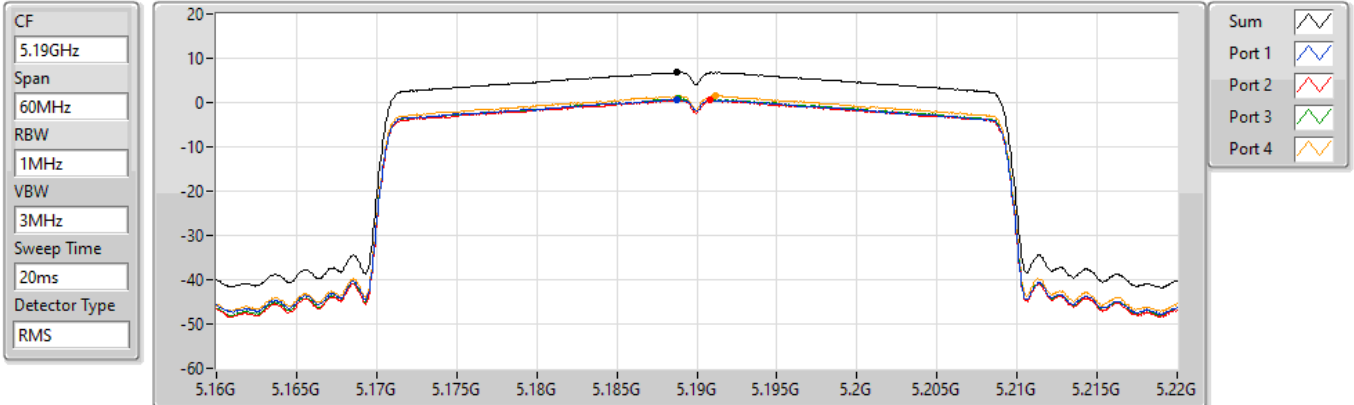
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.39	12.39	6.23	6.38	6.42	6.58

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

24/09/2021



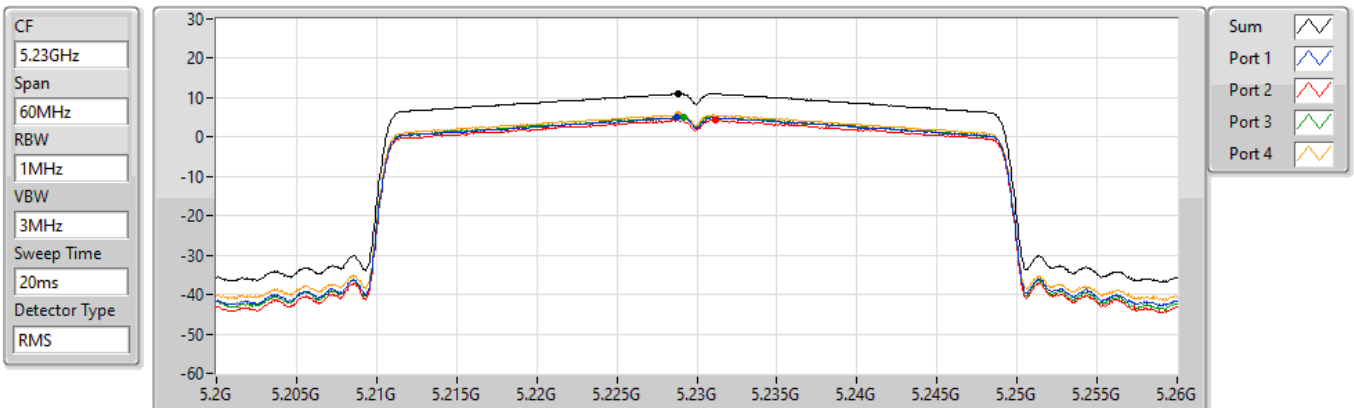
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	0.72	0.50	0.83	1.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

24/09/2021



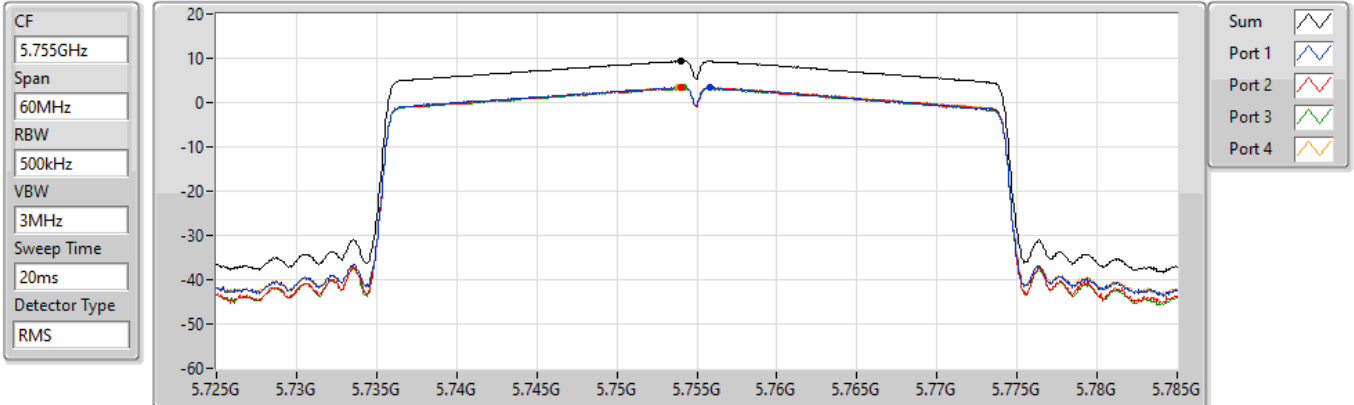
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	4.94	4.34	5.18	5.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

24/09/2021



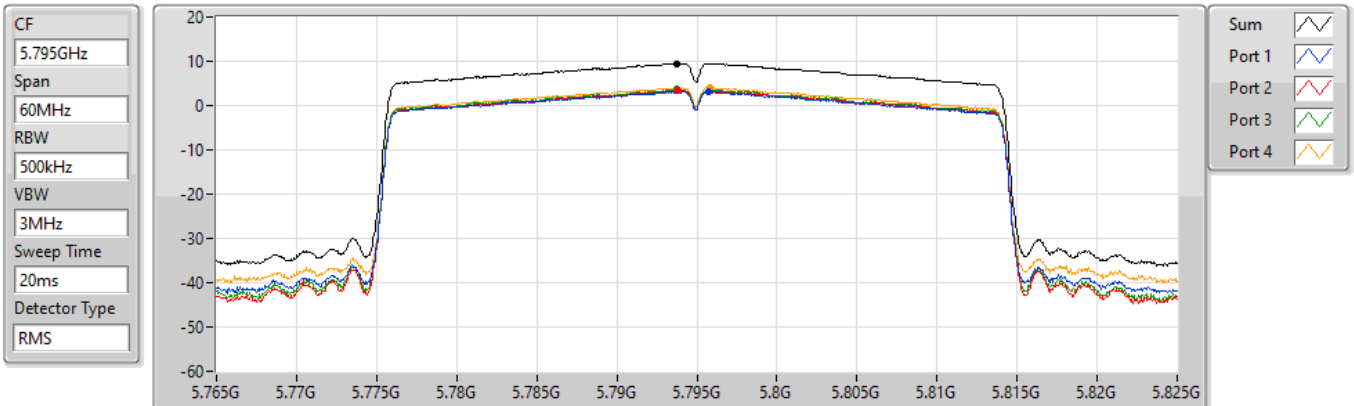
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	3.46	3.52	3.31	3.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

24/09/2021



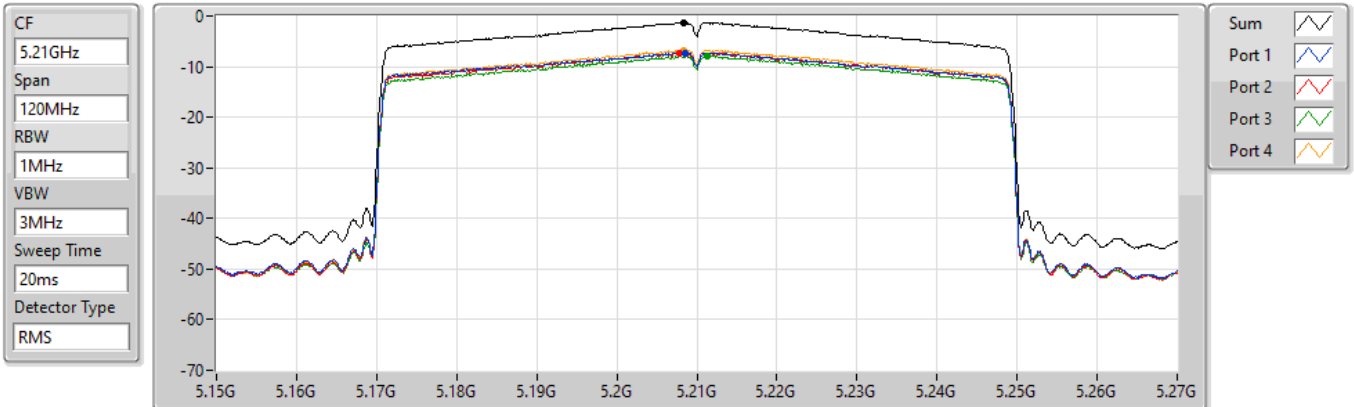
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.50	9.50	3.22	3.41	3.65	4.04

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

24/09/2021

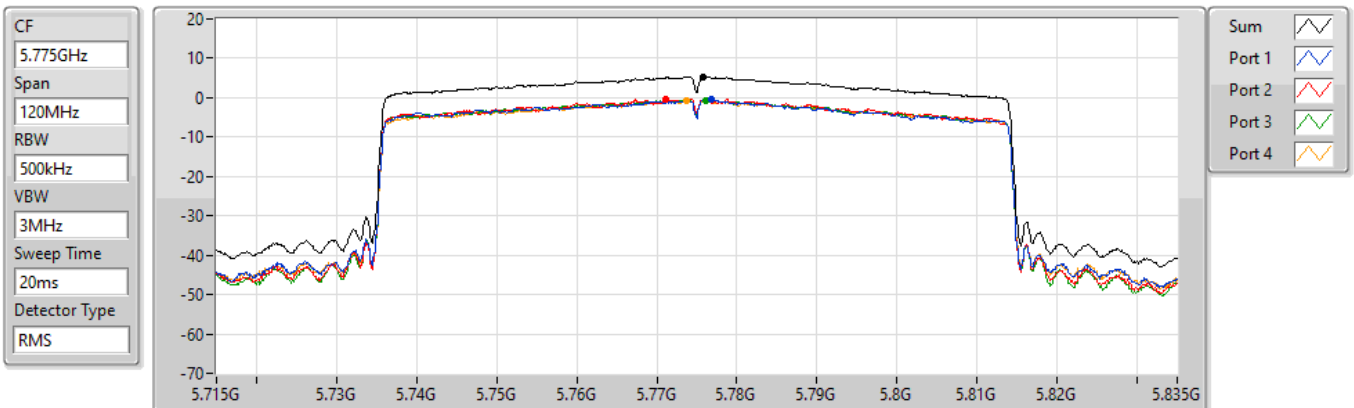


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

24/09/2021





Summary

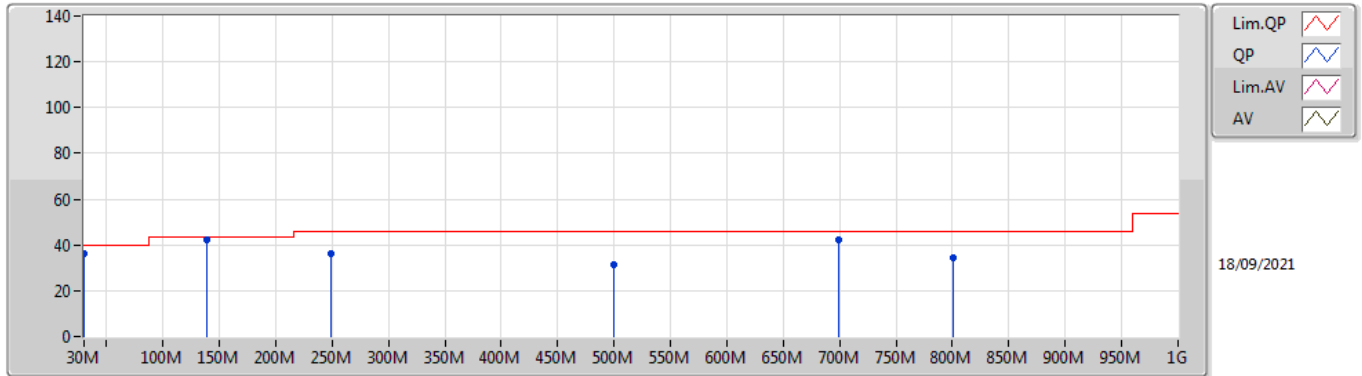
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	QP	150M	42.39	43.50	-1.11	3	Horizontal	104	1.01	-

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)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	36.38	40.00	-3.62	3	Vertical	360	1.00	-
5775MHz	Pass	PK	249.22M	36.27	46.00	-9.73	3	Vertical	360	1.00	-
5775MHz	Pass	PK	499.48M	31.19	46.00	-14.81	3	Vertical	360	1.00	-
5775MHz	Pass	PK	699.3M	42.35	46.00	-3.65	3	Vertical	360	1.00	-
5775MHz	Pass	PK	800.18M	34.36	46.00	-11.64	3	Vertical	360	1.00	-
5775MHz	Pass	QP	138.64M	42.28	43.50	-1.22	3	Vertical	254	1.05	-
5775MHz	Pass	PK	84.32M	32.41	40.00	-7.59	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	299.66M	35.60	46.00	-10.40	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	499.48M	31.33	46.00	-14.67	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	800.18M	39.06	46.00	-6.94	3	Horizontal	0	1.00	-
5775MHz	Pass	QP	150M	42.39	43.50	-1.11	3	Horizontal	104	1.01	-
5775MHz	Pass	QP	699.3M	42.54	46.00	-3.46	3	Horizontal	219	1.22	-

802.11ax HEW80_Nss1,(MCS0)_4TX

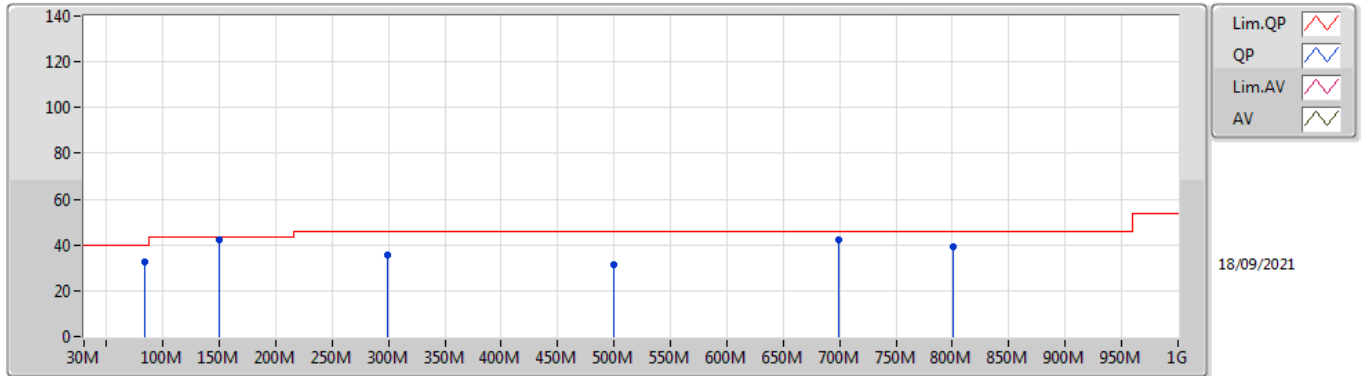
5775MHz_Test fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	30M	36.38	40.00	-3.62	-12.86	3	Vertical	360	1.00	-	49.24	23.73	0.56	37.15
PK	249.22M	36.27	46.00	-9.73	-17.21	3	Vertical	360	1.00	-	53.48	17.68	1.50	36.39
PK	499.48M	31.19	46.00	-14.81	-11.65	3	Vertical	360	1.00	-	42.84	23.11	2.23	36.99
PK	699.3M	42.35	46.00	-3.65	-8.82	3	Vertical	360	1.00	-	51.17	25.79	2.68	37.29
PK	800.18M	34.36	46.00	-11.64	-7.53	3	Vertical	360	1.00	-	41.89	27.20	2.75	37.48
QP	138.64M	42.28	43.50	-1.22	-18.66	3	Vertical	254	1.05	-	60.94	16.61	1.16	36.43

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_Test fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	84.32M	32.41	40.00	-7.59	-22.77	3	Horizontal	0	1.00	-	55.18	13.12	0.91	36.80
PK	299.66M	35.60	46.00	-10.40	-16.39	3	Horizontal	0	1.00	-	51.99	18.38	1.67	36.44
PK	499.48M	31.33	46.00	-14.67	-11.65	3	Horizontal	0	1.00	-	42.98	23.11	2.23	36.99
PK	800.18M	39.06	46.00	-6.94	-7.53	3	Horizontal	0	1.00	-	46.59	27.20	2.75	37.48
QP	150M	42.39	43.50	-1.11	-18.83	3	Horizontal	104	1.01	-	61.22	16.36	1.20	36.39
QP	699.3M	42.54	46.00	-3.46	-8.82	3	Horizontal	219	1.22	-	51.36	25.79	2.68	37.29

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	15.71508G	52.79	54.00	-1.21	3	Horizontal	38	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	15.7176G	52.95	54.00	-1.05	3	Horizontal	60	1.02	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1468G	52.76	54.00	-1.24	3	Horizontal	338	1.14	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.142G	52.69	54.00	-1.31	3	Horizontal	343	1.08	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	17.2388G	67.13	68.20	-1.07	3	Horizontal	60	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.35722G	67.01	68.20	-1.19	3	Horizontal	58	1.01	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.6422G	67.10	68.20	-1.10	3	Horizontal	18	1.00	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6382G	65.48	68.20	-2.72	3	Horizontal	21	1.04	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1478G	46.36	54.00	-7.64	3	Vertical	121	2.71	-
5180MHz	Pass	AV	5.1792G	106.40	Inf	-Inf	3	Vertical	121	2.71	-
5180MHz	Pass	PK	5.1398G	59.60	74.00	-14.40	3	Vertical	121	2.71	-
5180MHz	Pass	PK	5.1792G	116.02	Inf	-Inf	3	Vertical	121	2.71	-
5180MHz	Pass	AV	5.1494G	52.76	54.00	-1.24	3	Horizontal	342	1.13	-
5180MHz	Pass	AV	5.1792G	114.03	Inf	-Inf	3	Horizontal	342	1.13	-
5180MHz	Pass	PK	5.1424G	71.60	74.00	-2.40	3	Horizontal	342	1.13	-
5180MHz	Pass	PK	5.1788G	122.83	Inf	-Inf	3	Horizontal	342	1.13	-
5180MHz	Pass	AV	15.54175G	44.61	54.00	-9.39	3	Vertical	178	1.50	-
5180MHz	Pass	PK	10.35654G	55.53	68.20	-12.67	3	Vertical	0	2.26	-
5180MHz	Pass	PK	15.54205G	57.13	74.00	-16.87	3	Vertical	178	1.50	-
5180MHz	Pass	AV	15.54126G	44.96	54.00	-9.04	3	Horizontal	353	2.58	-
5180MHz	Pass	PK	10.3623G	59.29	68.20	-8.91	3	Horizontal	28	1.07	-
5180MHz	Pass	PK	15.53956G	58.08	74.00	-15.92	3	Horizontal	353	2.58	-
5200MHz	Pass	AV	5.1348G	45.75	54.00	-8.25	3	Vertical	198	2.65	-
5200MHz	Pass	AV	5.2004G	104.67	Inf	-Inf	3	Vertical	198	2.65	-
5200MHz	Pass	PK	5.15G	59.41	74.00	-14.59	3	Vertical	198	2.65	-
5200MHz	Pass	PK	5.2004G	114.32	Inf	-Inf	3	Vertical	198	2.65	-
5200MHz	Pass	AV	5.1428G	52.70	54.00	-1.30	3	Horizontal	360	2.86	-
5200MHz	Pass	AV	5.2016G	116.81	Inf	-Inf	3	Horizontal	360	2.86	-
5200MHz	Pass	PK	5.1488G	68.14	74.00	-5.86	3	Horizontal	360	2.86	-
5200MHz	Pass	PK	5.2008G	125.93	Inf	-Inf	3	Horizontal	360	2.86	-
5200MHz	Pass	AV	15.59608G	45.53	54.00	-8.47	3	Vertical	5	1.08	-
5200MHz	Pass	PK	10.40108G	58.23	68.20	-9.97	3	Vertical	177	1.04	-
5200MHz	Pass	PK	15.59248G	57.86	74.00	-16.14	3	Vertical	5	1.08	-
5200MHz	Pass	AV	15.60092G	47.91	54.00	-6.09	3	Horizontal	336	1.01	-
5200MHz	Pass	PK	10.39842G	63.07	68.20	-5.13	3	Horizontal	35	1.00	-
5200MHz	Pass	PK	15.6006G	60.25	74.00	-13.75	3	Horizontal	336	1.01	-
5240MHz	Pass	AV	5.132G	45.74	54.00	-8.26	3	Vertical	187	2.95	-
5240MHz	Pass	AV	5.2412G	109.51	Inf	-Inf	3	Vertical	187	2.95	-
5240MHz	Pass	AV	5.3594G	44.10	54.00	-9.90	3	Vertical	187	2.95	-
5240MHz	Pass	PK	5.1122G	57.92	74.00	-16.08	3	Vertical	187	2.95	-
5240MHz	Pass	PK	5.2418G	118.08	Inf	-Inf	3	Vertical	187	2.95	-
5240MHz	Pass	PK	5.3894G	55.50	74.00	-18.50	3	Vertical	187	2.95	-
5240MHz	Pass	AV	5.147G	50.91	54.00	-3.09	3	Horizontal	358	1.02	-
5240MHz	Pass	AV	5.2388G	115.88	Inf	-Inf	3	Horizontal	358	1.02	-
5240MHz	Pass	AV	5.36G	48.56	54.00	-5.44	3	Horizontal	358	1.02	-
5240MHz	Pass	PK	5.1422G	62.91	74.00	-11.09	3	Horizontal	358	1.02	-
5240MHz	Pass	PK	5.2394G	124.51	Inf	-Inf	3	Horizontal	358	1.02	-
5240MHz	Pass	PK	5.3552G	59.98	74.00	-14.02	3	Horizontal	358	1.02	-
5240MHz	Pass	AV	15.72264G	48.69	54.00	-5.31	3	Vertical	360	2.13	-
5240MHz	Pass	PK	10.47881G	60.20	68.20	-8.00	3	Vertical	184	1.04	-
5240MHz	Pass	PK	15.72228G	62.35	74.00	-11.65	3	Vertical	360	2.13	-
5240MHz	Pass	AV	15.71508G	52.79	54.00	-1.21	3	Horizontal	38	1.00	-
5240MHz	Pass	PK	10.48112G	64.95	68.20	-3.25	3	Horizontal	34	1.01	-
5240MHz	Pass	PK	15.71476G	65.05	74.00	-8.95	3	Horizontal	38	1.00	-
5745MHz	Pass	AV	5.7438G	109.75	Inf	-Inf	3	Vertical	131	2.73	-
5745MHz	Pass	PK	5.5842G	58.09	68.20	-10.11	3	Vertical	131	2.73	-
5745MHz	Pass	PK	5.7438G	118.16	Inf	-Inf	3	Vertical	131	2.73	-
5745MHz	Pass	PK	5.9934G	58.49	68.20	-9.71	3	Vertical	131	2.73	-
5745MHz	Pass	AV	5.7486G	115.50	Inf	-Inf	3	Horizontal	357	2.55	-
5745MHz	Pass	PK	5.6502G	63.50	68.35	-4.85	3	Horizontal	357	2.55	-
5745MHz	Pass	PK	5.7486G	124.25	Inf	-Inf	3	Horizontal	357	2.55	-
5745MHz	Pass	PK	5.9418G	59.91	68.20	-8.29	3	Horizontal	357	2.55	-
5745MHz	Pass	AV	11.5002G	43.20	54.00	-10.80	3	Vertical	140	1.80	-
5745MHz	Pass	PK	11.50386G	55.58	74.00	-18.42	3	Vertical	140	1.80	-
5745MHz	Pass	PK	17.244G	60.83	68.20	-7.37	3	Vertical	87	1.60	-
5745MHz	Pass	AV	11.50062G	43.30	54.00	-10.70	3	Horizontal	58	1.50	-
5745MHz	Pass	PK	11.47608G	55.97	74.00	-18.03	3	Horizontal	58	1.50	-
5745MHz	Pass	PK	17.2388G	67.13	68.20	-1.07	3	Horizontal	60	1.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7838G	106.02	Inf	-Inf	3	Vertical	46	2.88	-
5785MHz	Pass	PK	5.6098G	57.56	68.20	-10.64	3	Vertical	46	2.88	-
5785MHz	Pass	PK	5.7838G	114.13	Inf	-Inf	3	Vertical	46	2.88	-
5785MHz	Pass	PK	6.001G	57.31	68.20	-10.89	3	Vertical	46	2.88	-
5785MHz	Pass	AV	5.785G	116.32	Inf	-Inf	3	Horizontal	7.5	1.05	-
5785MHz	Pass	PK	5.6302G	64.01	68.20	-4.19	3	Horizontal	7.5	1.05	-
5785MHz	Pass	PK	5.7838G	124.93	Inf	-Inf	3	Horizontal	7.5	1.05	-
5785MHz	Pass	PK	5.9398G	60.79	68.20	-7.41	3	Horizontal	7.5	1.05	-
5785MHz	Pass	AV	11.56226G	43.18	54.00	-10.82	3	Vertical	181	2.74	-
5785MHz	Pass	PK	11.5721G	55.46	74.00	-18.54	3	Vertical	181	2.74	-
5785MHz	Pass	PK	17.35956G	64.74	68.20	-3.46	3	Vertical	308	2.97	-
5785MHz	Pass	AV	11.56748G	43.32	54.00	-10.68	3	Horizontal	12	1.01	-
5785MHz	Pass	PK	11.56076G	56.39	74.00	-17.61	3	Horizontal	12	1.01	-
5785MHz	Pass	PK	17.35362G	66.78	68.20	-1.42	3	Horizontal	61	1.00	-
5825MHz	Pass	AV	5.8286G	109.33	Inf	-Inf	3	Vertical	127	2.79	-
5825MHz	Pass	PK	5.6078G	57.97	68.20	-10.23	3	Vertical	127	2.79	-
5825MHz	Pass	PK	5.8298G	116.73	Inf	-Inf	3	Vertical	127	2.79	-
5825MHz	Pass	PK	5.9462G	57.47	68.20	-10.73	3	Vertical	127	2.79	-
5825MHz	Pass	AV	5.8262G	115.98	Inf	-Inf	3	Horizontal	58	1.00	-
5825MHz	Pass	PK	5.615G	63.32	68.20	-4.88	3	Horizontal	58	1.00	-
5825MHz	Pass	PK	5.8262G	124.59	Inf	-Inf	3	Horizontal	58	1.00	-
5825MHz	Pass	PK	5.9462G	60.65	68.20	-7.55	3	Horizontal	58	1.00	-
5825MHz	Pass	AV	11.6611G	43.21	54.00	-10.79	3	Vertical	289	1.50	-
5825MHz	Pass	PK	11.6578G	55.74	74.00	-18.26	3	Vertical	289	1.50	-
5825MHz	Pass	PK	17.472G	62.89	68.20	-5.31	3	Vertical	278	2.85	-
5825MHz	Pass	AV	11.64586G	43.12	54.00	-10.88	3	Horizontal	242	1.50	-
5825MHz	Pass	PK	11.65204G	55.20	74.00	-18.80	3	Horizontal	242	1.50	-
5825MHz	Pass	PK	17.47872G	66.96	68.20	-1.24	3	Horizontal	58	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1484G	47.08	54.00	-6.92	3	Vertical	118	2.78	-
5180MHz	Pass	AV	5.1782G	104.21	Inf	-Inf	3	Vertical	118	2.78	-
5180MHz	Pass	PK	5.1478G	63.61	74.00	-10.39	3	Vertical	118	2.78	-
5180MHz	Pass	PK	5.178G	115.97	Inf	-Inf	3	Vertical	118	2.78	-
5180MHz	Pass	AV	5.142G	52.85	54.00	-1.15	3	Horizontal	341	1.13	-
5180MHz	Pass	AV	5.1818G	112.95	Inf	-Inf	3	Horizontal	341	1.13	-
5180MHz	Pass	PK	5.1476G	68.67	74.00	-5.33	3	Horizontal	341	1.13	-
5180MHz	Pass	PK	5.1818G	123.19	Inf	-Inf	3	Horizontal	341	1.13	-
5180MHz	Pass	AV	15.54744G	45.12	54.00	-8.88	3	Vertical	145	1.77	-
5180MHz	Pass	PK	10.36716G	56.08	68.20	-12.12	3	Vertical	122	1.04	-
5180MHz	Pass	PK	15.54524G	57.15	74.00	-16.85	3	Vertical	145	1.77	-
5180MHz	Pass	AV	15.537G	45.21	54.00	-8.79	3	Horizontal	0	1.65	-
5180MHz	Pass	PK	10.35244G	58.64	68.20	-9.56	3	Horizontal	36	1.01	-
5180MHz	Pass	PK	15.5402G	57.60	74.00	-16.40	3	Horizontal	0	1.65	-
5200MHz	Pass	AV	5.142G	47.24	54.00	-6.76	3	Vertical	118	2.79	-
5200MHz	Pass	AV	5.1996G	101.05	Inf	-Inf	3	Vertical	118	2.79	-
5200MHz	Pass	PK	5.1264G	60.80	74.00	-13.20	3	Vertical	118	2.79	-
5200MHz	Pass	PK	5.1976G	118.42	Inf	-Inf	3	Vertical	118	2.79	-
5200MHz	Pass	AV	5.1484G	52.65	54.00	-1.35	3	Horizontal	350	1.04	-
5200MHz	Pass	AV	5.198G	108.59	Inf	-Inf	3	Horizontal	350	1.04	-
5200MHz	Pass	PK	5.1476G	66.41	74.00	-7.59	3	Horizontal	350	1.04	-
5200MHz	Pass	PK	5.198G	125.68	Inf	-Inf	3	Horizontal	350	1.04	-
5200MHz	Pass	AV	15.60444G	45.45	54.00	-8.55	3	Vertical	166	2.36	-
5200MHz	Pass	PK	10.40396G	56.55	68.20	-11.65	3	Vertical	111	1.04	-
5200MHz	Pass	PK	15.60564G	57.74	74.00	-16.26	3	Vertical	166	2.36	-
5200MHz	Pass	AV	15.59238G	48.24	54.00	-5.76	3	Horizontal	70	1.04	-
5200MHz	Pass	PK	10.40594G	61.20	68.20	-7.00	3	Horizontal	128	1.00	-
5200MHz	Pass	PK	15.59748G	59.09	74.00	-14.91	3	Horizontal	70	1.04	-
5240MHz	Pass	AV	5.1116G	46.82	54.00	-7.18	3	Vertical	122	3.00	-
5240MHz	Pass	AV	5.2412G	108.92	Inf	-Inf	3	Vertical	122	3.00	-
5240MHz	Pass	AV	5.3516G	44.97	54.00	-9.03	3	Vertical	122	3.00	-
5240MHz	Pass	PK	5.1152G	58.09	74.00	-15.91	3	Vertical	122	3.00	-
5240MHz	Pass	PK	5.2418G	118.87	Inf	-Inf	3	Vertical	122	3.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.3696G	56.61	74.00	-17.39	3	Vertical	122	3.00	-
5240MHz	Pass	AV	5.129G	52.65	54.00	-1.35	3	Horizontal	334	1.02	-
5240MHz	Pass	AV	5.2406G	116.78	Inf	-Inf	3	Horizontal	334	1.02	-
5240MHz	Pass	AV	5.3504G	51.06	54.00	-2.94	3	Horizontal	334	1.02	-
5240MHz	Pass	PK	5.1314G	64.20	74.00	-9.80	3	Horizontal	334	1.02	-
5240MHz	Pass	PK	5.2406G	126.08	Inf	-Inf	3	Horizontal	334	1.02	-
5240MHz	Pass	PK	5.3552G	61.55	74.00	-12.45	3	Horizontal	334	1.02	-
5240MHz	Pass	AV	15.7254G	46.25	54.00	-7.75	3	Vertical	350	1.11	-
5240MHz	Pass	PK	10.47994G	58.96	68.20	-9.24	3	Vertical	120	1.10	-
5240MHz	Pass	PK	15.71496G	59.82	74.00	-14.18	3	Vertical	350	1.11	-
5240MHz	Pass	AV	15.7176G	52.95	54.00	-1.05	3	Horizontal	60	1.02	-
5240MHz	Pass	PK	10.47616G	62.78	68.20	-5.42	3	Horizontal	125	1.00	-
5240MHz	Pass	PK	15.71784G	65.55	74.00	-8.45	3	Horizontal	60	1.02	-
5745MHz	Pass	AV	5.7438G	106.63	Inf	-Inf	3	Vertical	129	2.82	-
5745MHz	Pass	PK	5.6502G	57.91	68.35	-10.44	3	Vertical	129	2.82	-
5745MHz	Pass	PK	5.7438G	117.86	Inf	-Inf	3	Vertical	129	2.82	-
5745MHz	Pass	PK	5.9346G	57.32	68.20	-10.88	3	Vertical	129	2.82	-
5745MHz	Pass	AV	5.745G	116.59	Inf	-Inf	3	Horizontal	5	1.18	-
5745MHz	Pass	PK	5.6466G	65.34	68.20	-2.86	3	Horizontal	5	1.18	-
5745MHz	Pass	PK	5.7438G	126.03	Inf	-Inf	3	Horizontal	5	1.18	-
5745MHz	Pass	PK	5.925G	61.60	68.20	-6.60	3	Horizontal	5	1.18	-
5745MHz	Pass	AV	11.48928G	43.38	54.00	-10.62	3	Vertical	175	2.30	-
5745MHz	Pass	PK	11.48736G	55.85	74.00	-18.15	3	Vertical	175	2.30	-
5745MHz	Pass	PK	17.24784G	60.71	68.20	-7.49	3	Vertical	76	1.08	-
5745MHz	Pass	AV	11.49006G	43.46	54.00	-10.54	3	Horizontal	261	1.75	-
5745MHz	Pass	PK	11.47638G	55.75	74.00	-18.25	3	Horizontal	261	1.75	-
5745MHz	Pass	PK	17.23728G	66.86	68.20	-1.34	3	Horizontal	113	1.42	-
5785MHz	Pass	AV	5.7838G	109.11	Inf	-Inf	3	Vertical	109	2.79	-
5785MHz	Pass	PK	5.5978G	58.35	68.20	-9.85	3	Vertical	109	2.79	-
5785MHz	Pass	PK	5.7826G	119.17	Inf	-Inf	3	Vertical	109	2.79	-
5785MHz	Pass	PK	6.0106G	57.51	68.20	-10.69	3	Vertical	109	2.79	-
5785MHz	Pass	AV	5.7838G	116.01	Inf	-Inf	3	Horizontal	14	1.06	-
5785MHz	Pass	PK	5.6302G	63.92	68.20	-4.28	3	Horizontal	14	1.06	-
5785MHz	Pass	PK	5.7838G	125.58	Inf	-Inf	3	Horizontal	14	1.06	-
5785MHz	Pass	PK	5.9278G	59.45	68.20	-8.75	3	Horizontal	14	1.06	-
5785MHz	Pass	AV	11.5586G	43.31	54.00	-10.69	3	Vertical	289	1.43	-
5785MHz	Pass	PK	11.56988G	56.00	74.00	-18.00	3	Vertical	289	1.43	-
5785MHz	Pass	PK	17.35368G	61.28	68.20	-6.92	3	Vertical	76	3.00	-
5785MHz	Pass	AV	11.55758G	43.16	54.00	-10.84	3	Horizontal	95	1.50	-
5785MHz	Pass	PK	11.56274G	55.32	74.00	-18.68	3	Horizontal	95	1.50	-
5785MHz	Pass	PK	17.35722G	67.01	68.20	-1.19	3	Horizontal	58	1.01	-
5825MHz	Pass	AV	5.8226G	107.81	Inf	-Inf	3	Vertical	126	2.85	-
5825MHz	Pass	PK	5.6006G	58.57	68.20	-9.63	3	Vertical	126	2.85	-
5825MHz	Pass	PK	5.8226G	117.86	Inf	-Inf	3	Vertical	126	2.85	-
5825MHz	Pass	PK	5.9282G	58.78	68.20	-9.42	3	Vertical	126	2.85	-
5825MHz	Pass	AV	5.8226G	116.25	Inf	-Inf	3	Horizontal	15	1.00	-
5825MHz	Pass	PK	5.6342G	63.88	68.20	-4.32	3	Horizontal	15	1.00	-
5825MHz	Pass	PK	5.8238G	125.34	Inf	-Inf	3	Horizontal	15	1.00	-
5825MHz	Pass	PK	5.9426G	60.90	68.20	-7.30	3	Horizontal	15	1.00	-
5825MHz	Pass	AV	11.6479G	43.31	54.00	-10.69	3	Vertical	275	2.41	-
5825MHz	Pass	PK	11.65678G	55.07	74.00	-18.93	3	Vertical	275	2.41	-
5825MHz	Pass	PK	17.48574G	62.35	68.20	-5.85	3	Vertical	64	1.94	-
5825MHz	Pass	AV	11.6533G	43.17	54.00	-10.83	3	Horizontal	321	2.37	-
5825MHz	Pass	PK	11.6443G	56.19	74.00	-17.81	3	Horizontal	321	2.37	-
5825MHz	Pass	PK	17.47746G	66.85	68.20	-1.35	3	Horizontal	58	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1496G	46.75	54.00	-7.25	3	Vertical	122	2.95	-
5190MHz	Pass	AV	5.1892G	99.26	Inf	-Inf	3	Vertical	122	2.95	-
5190MHz	Pass	PK	5.1484G	58.75	74.00	-15.25	3	Vertical	122	2.95	-
5190MHz	Pass	PK	5.1844G	109.71	Inf	-Inf	3	Vertical	122	2.95	-
5190MHz	Pass	AV	5.1472G	52.62	54.00	-1.38	3	Horizontal	23	1.06	-
5190MHz	Pass	AV	5.1924G	108.55	Inf	-Inf	3	Horizontal	23	1.06	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5190MHz	Pass	PK	5.1472G	63.67	74.00	-10.33	3	Horizontal	23	1.06	-
5190MHz	Pass	PK	5.1924G	118.06	Inf	-Inf	3	Horizontal	23	1.06	-
5190MHz	Pass	AV	15.5715G	44.84	54.00	-9.16	3	Vertical	235	1.62	-
5190MHz	Pass	PK	10.37936G	55.89	68.20	-12.31	3	Vertical	24	3.00	-
5190MHz	Pass	PK	15.57354G	56.30	74.00	-17.70	3	Vertical	235	1.62	-
5190MHz	Pass	AV	15.5745G	45.14	54.00	-8.86	3	Horizontal	360	2.22	-
5190MHz	Pass	PK	10.3814G	55.54	68.20	-12.66	3	Horizontal	137	1.50	-
5190MHz	Pass	PK	15.56888G	57.45	74.00	-16.55	3	Horizontal	360	2.22	-
5230MHz	Pass	AV	5.148G	47.16	54.00	-6.84	3	Vertical	120	2.55	-
5230MHz	Pass	AV	5.228G	102.59	Inf	-Inf	3	Vertical	120	2.55	-
5230MHz	Pass	PK	5.1428G	60.96	74.00	-13.04	3	Vertical	120	2.55	-
5230MHz	Pass	PK	5.228G	114.20	Inf	-Inf	3	Vertical	120	2.55	-
5230MHz	Pass	AV	5.1468G	52.76	54.00	-1.24	3	Horizontal	338	1.14	-
5230MHz	Pass	AV	5.2316G	113.29	Inf	-Inf	3	Horizontal	338	1.14	-
5230MHz	Pass	PK	5.1444G	68.51	74.00	-5.49	3	Horizontal	338	1.14	-
5230MHz	Pass	PK	5.222G	122.83	Inf	-Inf	3	Horizontal	338	1.14	-
5230MHz	Pass	AV	15.691G	45.20	54.00	-8.80	3	Vertical	36	1.50	-
5230MHz	Pass	PK	10.45882G	57.44	68.20	-10.76	3	Vertical	120	2.33	-
5230MHz	Pass	PK	15.69424G	56.96	74.00	-17.04	3	Vertical	36	1.50	-
5230MHz	Pass	AV	15.68608G	45.00	54.00	-9.00	3	Horizontal	211	1.50	-
5230MHz	Pass	PK	10.46236G	59.46	68.20	-8.74	3	Horizontal	142	1.01	-
5230MHz	Pass	PK	15.69274G	56.98	74.00	-17.02	3	Horizontal	211	1.50	-
5755MHz	Pass	AV	5.7526G	106.41	Inf	-Inf	3	Vertical	127	3.00	-
5755MHz	Pass	PK	5.629G	58.02	68.20	-10.18	3	Vertical	127	3.00	-
5755MHz	Pass	PK	5.7586G	116.45	Inf	-Inf	3	Vertical	127	3.00	-
5755MHz	Pass	PK	5.9602G	57.92	68.20	-10.28	3	Vertical	127	3.00	-
5755MHz	Pass	AV	5.7586G	114.20	Inf	-Inf	3	Horizontal	18	1.00	-
5755MHz	Pass	PK	5.6422G	67.10	68.20	-1.10	3	Horizontal	18	1.00	-
5755MHz	Pass	PK	5.7538G	124.23	Inf	-Inf	3	Horizontal	18	1.00	-
5755MHz	Pass	PK	5.953G	61.05	68.20	-7.15	3	Horizontal	18	1.00	-
5755MHz	Pass	AV	11.52272G	43.74	54.00	-10.26	3	Vertical	0	1.20	-
5755MHz	Pass	PK	11.50346G	55.46	74.00	-18.54	3	Vertical	0	1.20	-
5755MHz	Pass	PK	17.2593G	60.90	68.20	-7.30	3	Vertical	344	2.16	-
5755MHz	Pass	AV	11.51198G	43.70	54.00	-10.30	3	Horizontal	206	2.27	-
5755MHz	Pass	PK	11.4953G	55.53	74.00	-18.47	3	Horizontal	206	2.27	-
5755MHz	Pass	PK	17.25786G	62.53	68.20	-5.67	3	Horizontal	60	1.00	-
5795MHz	Pass	AV	5.7938G	106.84	Inf	-Inf	3	Vertical	108	2.79	-
5795MHz	Pass	PK	5.5982G	58.33	68.20	-9.87	3	Vertical	108	2.79	-
5795MHz	Pass	PK	5.7986G	117.15	Inf	-Inf	3	Vertical	108	2.79	-
5795MHz	Pass	PK	5.945G	58.28	68.20	-9.92	3	Vertical	108	2.79	-
5795MHz	Pass	AV	5.7938G	115.10	Inf	-Inf	3	Horizontal	16	1.00	-
5795MHz	Pass	PK	5.6066G	64.26	68.20	-3.94	3	Horizontal	16	1.00	-
5795MHz	Pass	PK	5.7926G	125.02	Inf	-Inf	3	Horizontal	16	1.00	-
5795MHz	Pass	PK	5.9198G	70.74	72.05	-1.31	3	Horizontal	16	1.00	-
5795MHz	Pass	AV	11.5774G	44.04	54.00	-9.96	3	Vertical	118	1.07	-
5795MHz	Pass	PK	11.57566G	56.07	74.00	-17.93	3	Vertical	118	1.07	-
5795MHz	Pass	PK	17.39178G	61.37	68.20	-6.83	3	Vertical	0	1.50	-
5795MHz	Pass	AV	11.59468G	44.03	54.00	-9.97	3	Horizontal	258	2.72	-
5795MHz	Pass	PK	11.60176G	55.78	74.00	-18.22	3	Horizontal	258	2.72	-
5795MHz	Pass	PK	17.37462G	62.20	68.20	-6.00	3	Horizontal	342	1.01	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.138G	48.17	54.00	-5.83	3	Vertical	122	2.72	-
5210MHz	Pass	AV	5.208G	94.51	Inf	-Inf	3	Vertical	122	2.72	-
5210MHz	Pass	AV	5.434G	45.97	54.00	-8.03	3	Vertical	122	2.72	-
5210MHz	Pass	PK	5.132G	57.40	74.00	-16.60	3	Vertical	122	2.72	-
5210MHz	Pass	PK	5.208G	103.85	Inf	-Inf	3	Vertical	122	2.72	-
5210MHz	Pass	PK	5.357G	55.80	74.00	-18.20	3	Vertical	122	2.72	-
5210MHz	Pass	AV	5.142G	52.69	54.00	-1.31	3	Horizontal	343	1.08	-
5210MHz	Pass	AV	5.207G	103.78	Inf	-Inf	3	Horizontal	343	1.08	-
5210MHz	Pass	AV	5.407G	47.43	54.00	-6.57	3	Horizontal	343	1.08	-
5210MHz	Pass	PK	5.142G	62.22	74.00	-11.78	3	Horizontal	343	1.08	-
5210MHz	Pass	PK	5.207G	113.21	Inf	-Inf	3	Horizontal	343	1.08	-



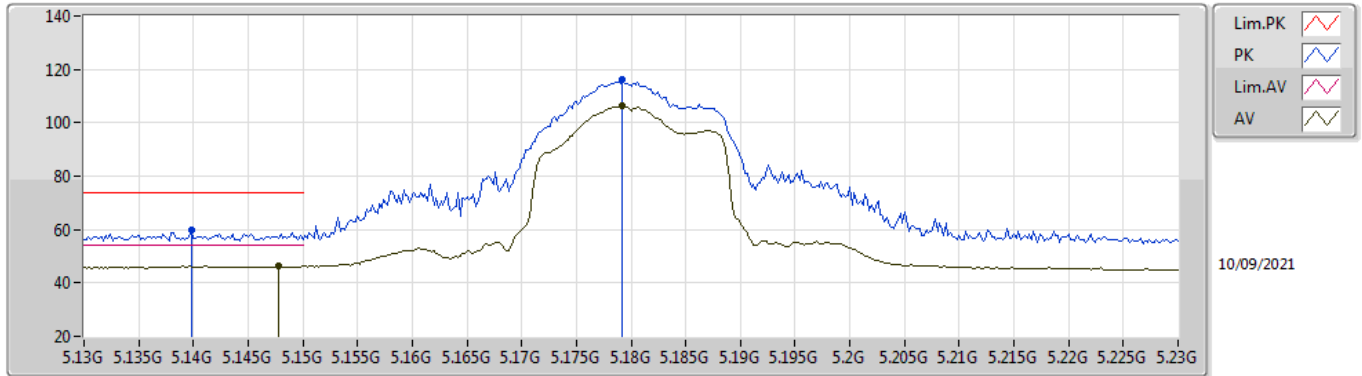
RSE TX above 1GHz _Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.425G	57.50	74.00	-16.50	3	Horizontal	343	1.08	-
5210MHz	Pass	AV	15.62934G	46.58	54.00	-7.42	3	Vertical	294	1.50	-
5210MHz	Pass	PK	10.41676G	55.87	68.20	-12.33	3	Vertical	80	1.87	-
5210MHz	Pass	PK	15.63642G	57.31	74.00	-16.69	3	Vertical	294	1.50	-
5210MHz	Pass	AV	15.6201G	46.59	54.00	-7.41	3	Horizontal	117	1.51	-
5210MHz	Pass	PK	10.4215G	56.28	68.20	-11.92	3	Horizontal	321	1.50	-
5210MHz	Pass	PK	15.63966G	56.90	74.00	-17.10	3	Horizontal	117	1.51	-
5775MHz	Pass	AV	5.7666G	98.15	Inf	-Inf	3	Vertical	118	2.95	-
5775MHz	Pass	PK	5.6394G	58.35	68.20	-9.85	3	Vertical	118	2.95	-
5775MHz	Pass	PK	5.7762G	108.57	Inf	-Inf	3	Vertical	118	2.95	-
5775MHz	Pass	PK	5.9766G	57.96	68.20	-10.24	3	Vertical	118	2.95	-
5775MHz	Pass	AV	5.7774G	109.92	Inf	-Inf	3	Horizontal	21	1.04	-
5775MHz	Pass	PK	5.6382G	65.48	68.20	-2.72	3	Horizontal	21	1.04	-
5775MHz	Pass	PK	5.7822G	120.19	Inf	-Inf	3	Horizontal	21	1.04	-
5775MHz	Pass	PK	5.9274G	62.28	68.20	-5.92	3	Horizontal	21	1.04	-
5775MHz	Pass	AV	11.56296G	44.92	54.00	-9.08	3	Vertical	119	2.56	-
5775MHz	Pass	PK	11.55648G	56.03	74.00	-17.97	3	Vertical	119	2.56	-
5775MHz	Pass	PK	17.33616G	61.05	68.20	-7.15	3	Vertical	243	1.87	-
5775MHz	Pass	AV	11.55312G	44.84	54.00	-9.16	3	Horizontal	190	1.03	-
5775MHz	Pass	PK	11.55516G	55.80	74.00	-18.20	3	Horizontal	190	1.03	-
5775MHz	Pass	PK	17.3193G	60.75	68.20	-7.45	3	Horizontal	254	2.30	-

802.11a_Nss1,(6Mbps)_4TX

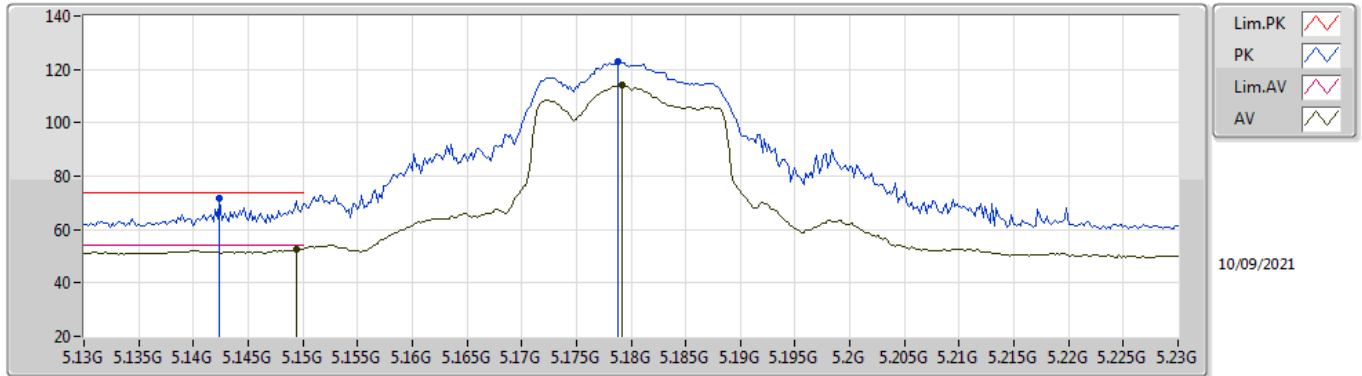
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1478G	46.36	54.00	-7.64	4.01	3	Vertical	121	2.71	-	42.35	31.90	6.87	34.76
AV	5.1792G	106.40	Inf	-Inf	3.90	3	Vertical	121	2.71	-	102.50	31.78	6.88	34.76
PK	5.1398G	59.60	74.00	-14.40	4.01	3	Vertical	121	2.71	-	55.59	31.90	6.87	34.76
PK	5.1792G	116.02	Inf	-Inf	3.90	3	Vertical	121	2.71	-	112.12	31.78	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

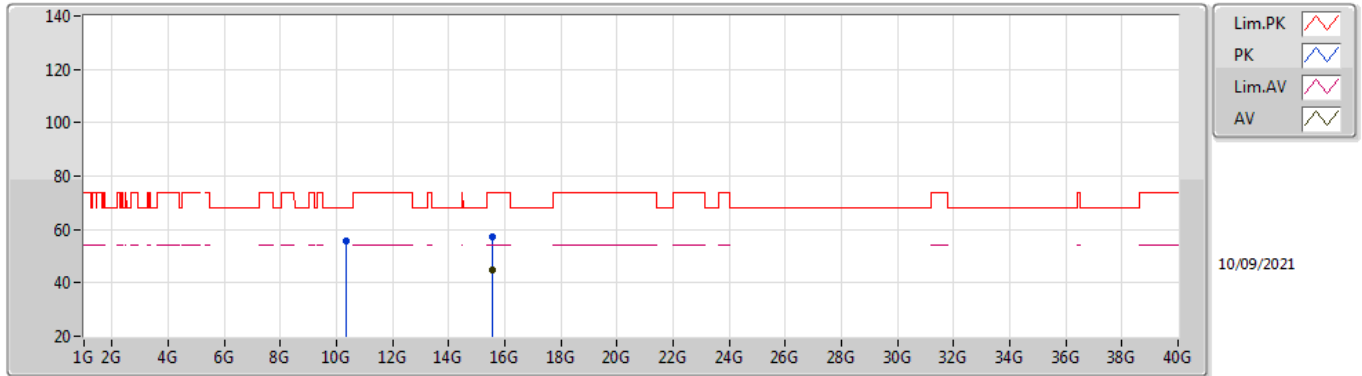
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	52.76	54.00	-1.24	4.01	3	Horizontal	342	1.13	-	48.75	31.90	6.87	34.76
AV	5.1792G	114.03	Inf	-Inf	3.90	3	Horizontal	342	1.13	-	110.13	31.78	6.88	34.76
PK	5.1424G	71.60	74.00	-2.40	4.01	3	Horizontal	342	1.13	-	67.59	31.90	6.87	34.76
PK	5.1788G	122.83	Inf	-Inf	3.90	3	Horizontal	342	1.13	-	118.93	31.78	6.88	34.76

802.11a_Nss1,(6Mbps)_4TX

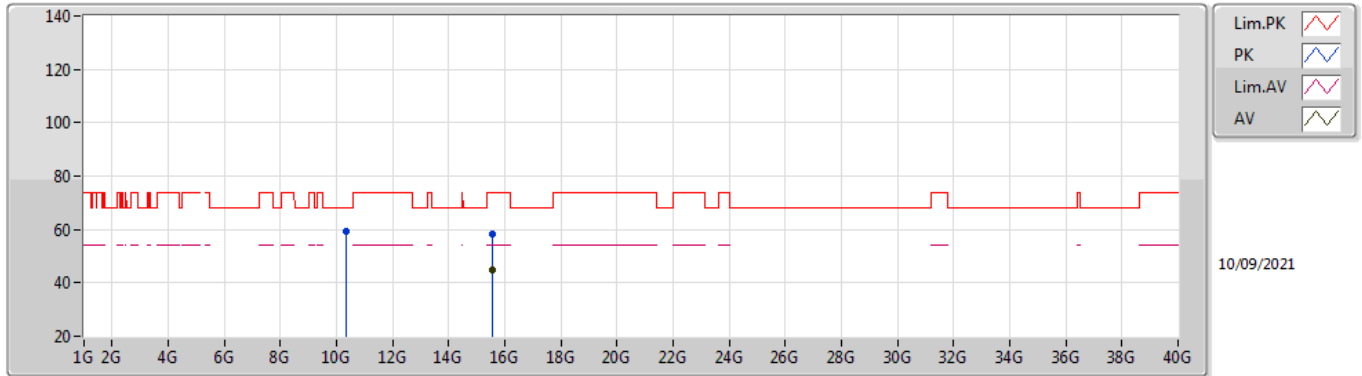
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54175G	44.61	54.00	-9.39	15.41	3	Vertical	178	1.50	-	29.20	38.23	12.10	34.92
PK	10.35654G	55.53	68.20	-12.67	13.53	3	Vertical	0	2.26	-	42.00	39.57	8.99	35.03
PK	15.54205G	57.13	74.00	-16.87	15.41	3	Vertical	178	1.50	-	41.72	38.23	12.10	34.92

802.11a_Nss1,(6Mbps)_4TX

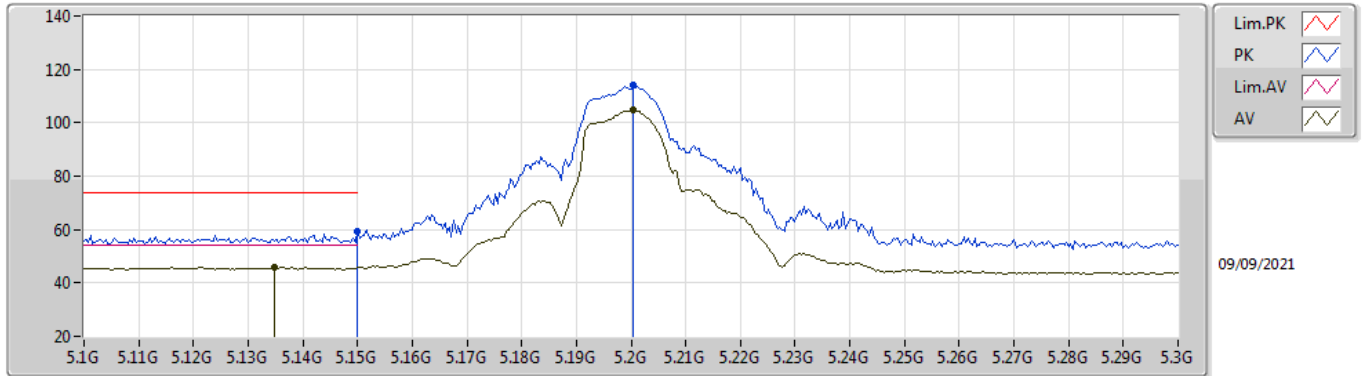
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54126G	44.96	54.00	-9.04	15.41	3	Horizontal	353	2.58	-	29.55	38.23	12.10	34.92
PK	10.3623G	59.29	68.20	-8.91	13.55	3	Horizontal	28	1.07	-	45.74	39.59	8.99	35.03
PK	15.53956G	58.08	74.00	-15.92	15.42	3	Horizontal	353	2.58	-	42.66	38.24	12.10	34.92

802.11a_Nss1,(6Mbps)_4TX

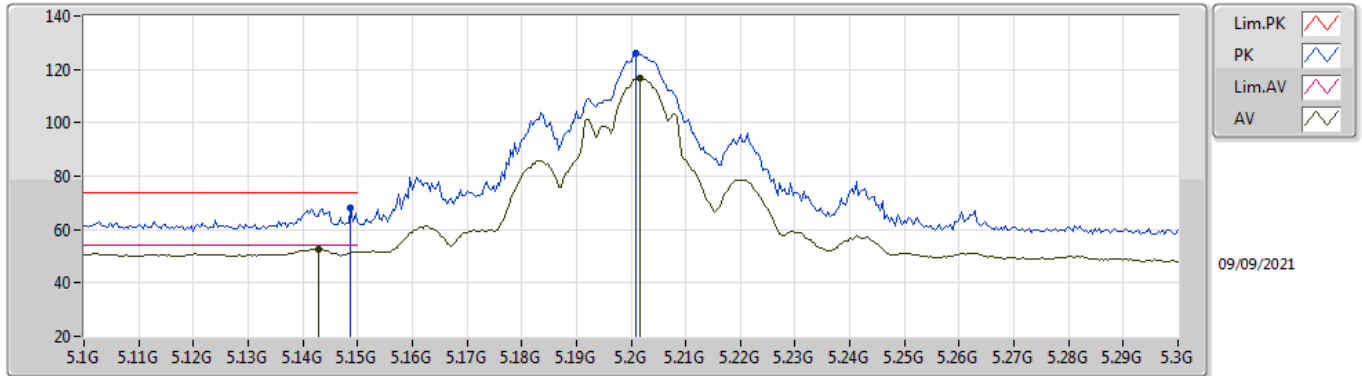
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1348G	45.75	54.00	-8.25	4.00	3	Vertical	198	2.65	-	41.75	31.90	6.86	34.76
AV	5.2004G	104.67	Inf	-Inf	3.83	3	Vertical	198	2.65	-	100.84	31.70	6.89	34.76
PK	5.15G	59.41	74.00	-14.59	4.01	3	Vertical	198	2.65	-	55.40	31.90	6.87	34.76
PK	5.2004G	114.32	Inf	-Inf	3.83	3	Vertical	198	2.65	-	110.49	31.70	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

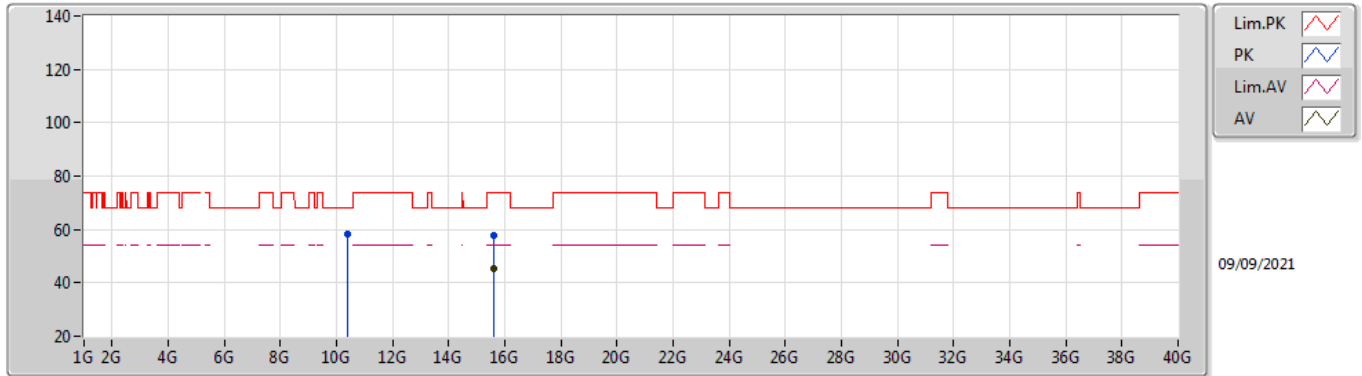
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1428G	52.70	54.00	-1.30	4.01	3	Horizontal	360	2.86	-	48.69	31.90	6.87	34.76
AV	5.2016G	116.81	Inf	-Inf	3.82	3	Horizontal	360	2.86	-	112.99	31.69	6.89	34.76
PK	5.1488G	68.14	74.00	-5.86	4.01	3	Horizontal	360	2.86	-	64.13	31.90	6.87	34.76
PK	5.2008G	125.93	Inf	-Inf	3.83	3	Horizontal	360	2.86	-	122.10	31.70	6.89	34.76

802.11a_Nss1,(6Mbps)_4TX

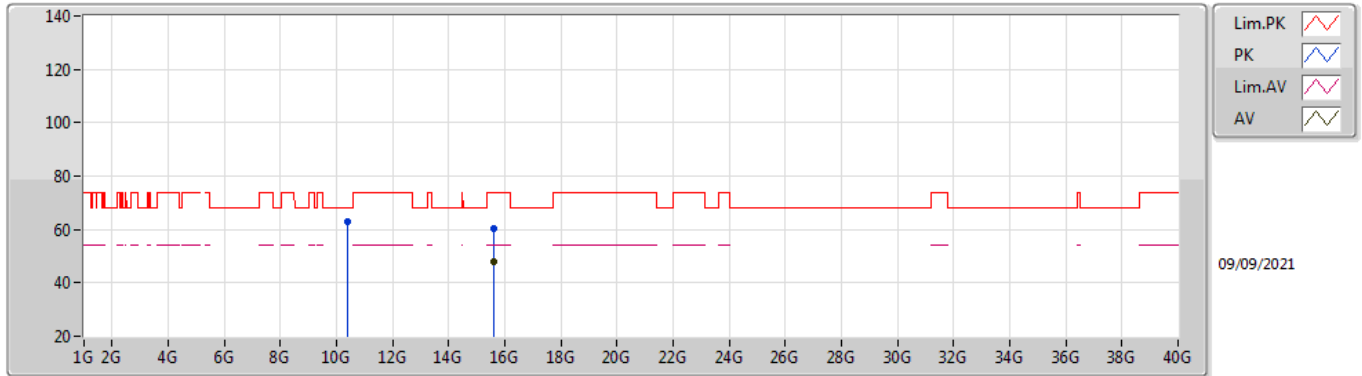
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59608G	45.53	54.00	-8.47	15.22	3	Vertical	5	1.08	-	30.31	38.02	12.16	34.96
PK	10.40108G	58.23	68.20	-9.97	13.71	3	Vertical	177	1.04	-	44.52	39.70	9.00	34.99
PK	15.59248G	57.86	74.00	-16.14	15.23	3	Vertical	5	1.08	-	42.63	38.03	12.15	34.95

802.11a_Nss1,(6Mbps)_4TX

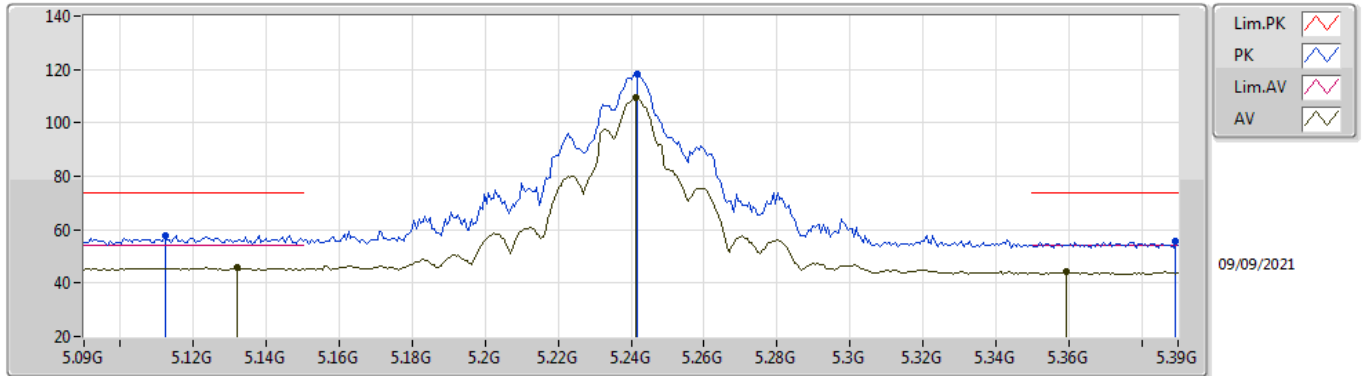
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60092G	47.91	54.00	-6.09	15.20	3	Horizontal	336	1.01	-	32.71	38.00	12.16	34.96
PK	10.39842G	63.07	68.20	-5.13	13.71	3	Horizontal	35	1.00	-	49.36	39.70	9.00	34.99
PK	15.6006G	60.25	74.00	-13.75	15.20	3	Horizontal	336	1.01	-	45.05	38.00	12.16	34.96

802.11a_Nss1,(6Mbps)_4TX

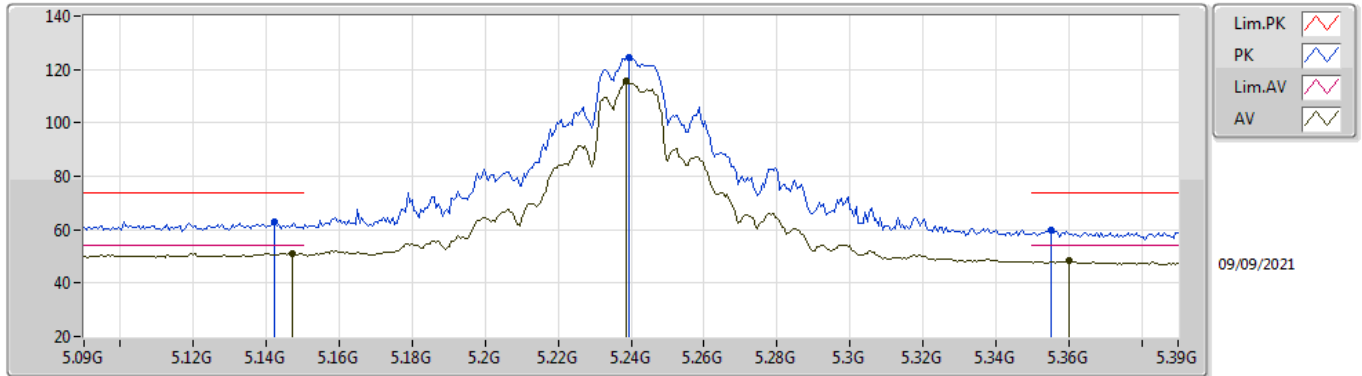
5240MHz_TX



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	5.132G	45.74	54.00	-8.26	4.00	3	Vertical	187	2.95	-	41.74	31.90	6.86	34.76
AV	5.2412G	109.51	Inf	-Inf	3.72	3	Vertical	187	2.95	-	105.79	31.54	6.94	34.76
AV	5.3594G	44.10	54.00	-9.90	3.54	3	Vertical	187	2.95	-	40.56	31.24	7.07	34.77
PK	5.1122G	57.92	74.00	-16.08	3.99	3	Vertical	187	2.95	-	53.93	31.90	6.85	34.76
PK	5.2418G	118.08	Inf	-Inf	3.71	3	Vertical	187	2.95	-	114.37	31.53	6.94	34.76
PK	5.3894G	55.50	74.00	-18.50	3.70	3	Vertical	187	2.95	-	51.80	31.36	7.11	34.77

802.11a_Nss1,(6Mbps)_4TX

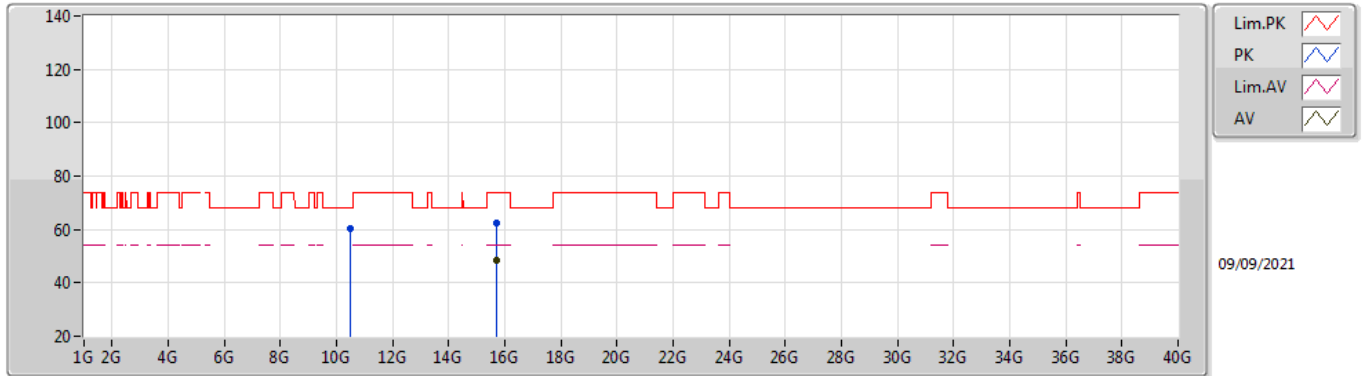
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	50.91	54.00	-3.09	4.01	3	Horizontal	358	1.02	-	46.90	31.90	6.87	34.76
AV	5.2388G	115.88	Inf	-Inf	3.71	3	Horizontal	358	1.02	-	112.17	31.54	6.93	34.76
AV	5.36G	48.56	54.00	-5.44	3.54	3	Horizontal	358	1.02	-	45.02	31.24	7.07	34.77
PK	5.1422G	62.91	74.00	-11.09	4.01	3	Horizontal	358	1.02	-	58.90	31.90	6.87	34.76
PK	5.2394G	124.51	Inf	-Inf	3.72	3	Horizontal	358	1.02	-	120.79	31.54	6.94	34.76
PK	5.3552G	59.98	74.00	-14.02	3.52	3	Horizontal	358	1.02	-	56.46	31.22	7.07	34.77

802.11a_Nss1,(6Mbps)_4TX

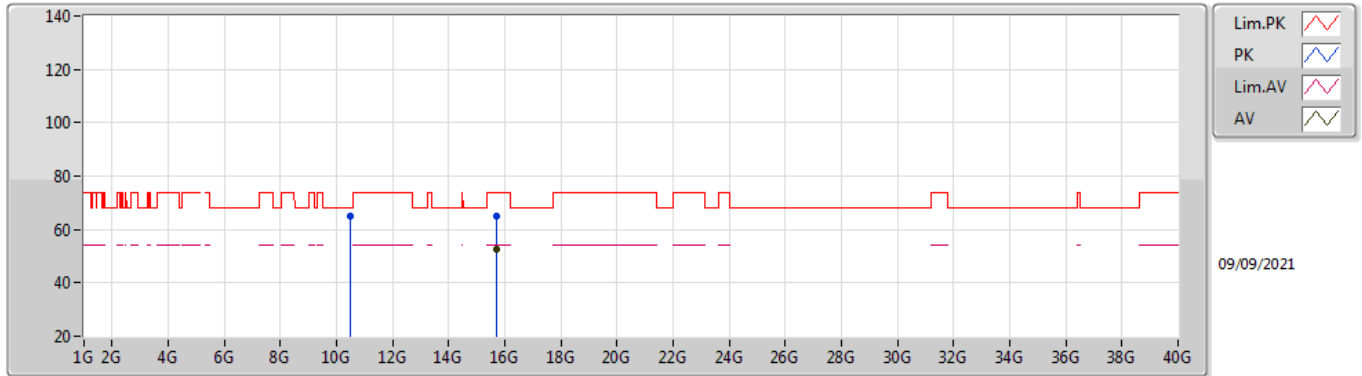
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.72264G	48.69	54.00	-5.31	14.93	3	Vertical	360	2.13	-	33.76	37.68	12.28	35.03
PK	10.47881G	60.20	68.20	-8.00	14.05	3	Vertical	184	1.04	-	46.15	39.94	9.03	34.92
PK	15.72228G	62.35	74.00	-11.65	14.93	3	Vertical	360	2.13	-	47.42	37.68	12.28	35.03

802.11a_Nss1,(6Mbps)_4TX

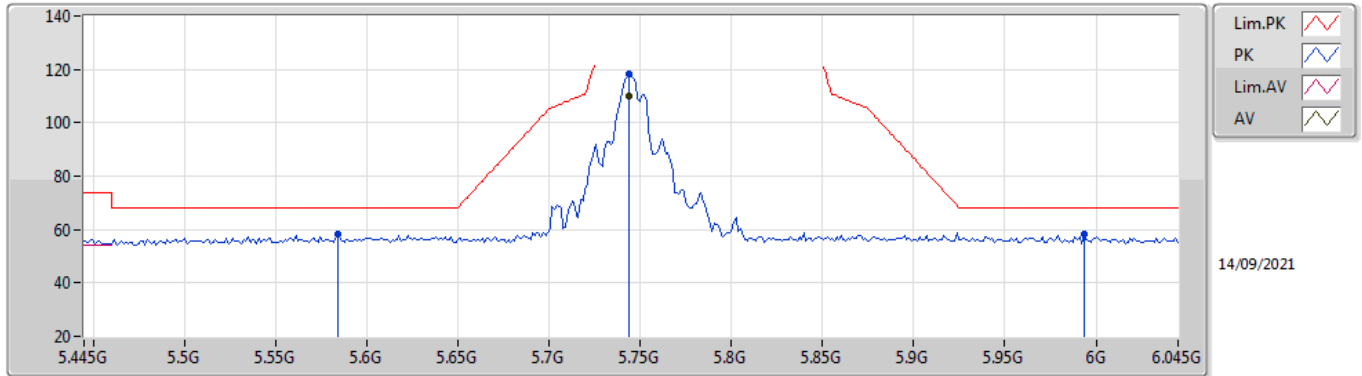
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71508G	52.79	54.00	-1.21	14.94	3	Horizontal	38	1.00	-	37.85	37.68	12.28	35.02
PK	10.48112G	64.95	68.20	-3.25	14.05	3	Horizontal	34	1.01	-	50.90	39.94	9.03	34.92
PK	15.71476G	65.05	74.00	-8.95	14.95	3	Horizontal	38	1.00	-	50.10	37.69	12.28	35.02

802.11a_Nss1,(6Mbps)_4TX

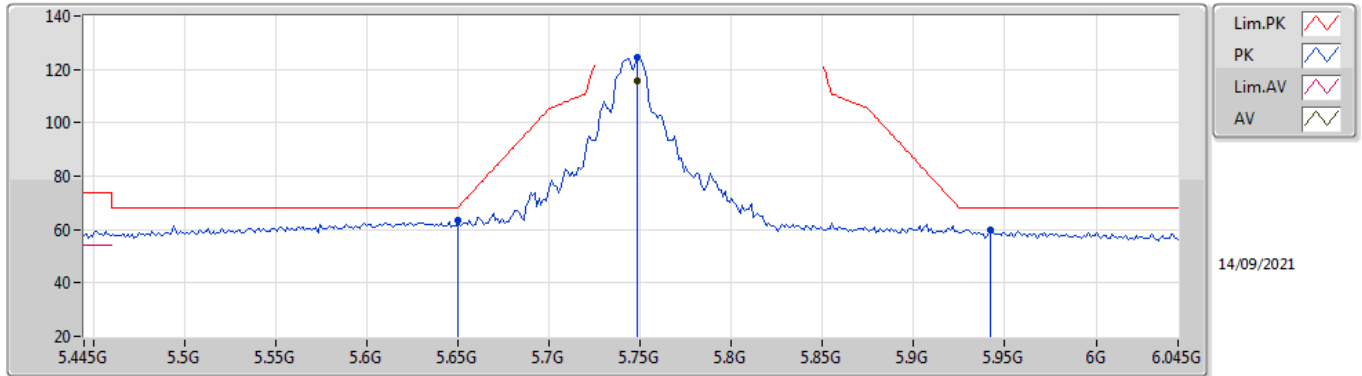
5745MHz_TX



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	109.75	Inf	-Inf	4.14	3	Vertical	131	2.73	-	105.61	31.98	6.93	34.77
PK	5.5842G	58.09	68.20	-10.11	3.93	3	Vertical	131	2.73	-	54.16	31.70	7.00	34.77
PK	5.7438G	118.16	Inf	-Inf	4.14	3	Vertical	131	2.73	-	114.02	31.98	6.93	34.77
PK	5.9934G	58.49	68.20	-9.71	5.39	3	Vertical	131	2.73	-	53.10	32.40	7.76	34.77

802.11a_Nss1,(6Mbps)_4TX

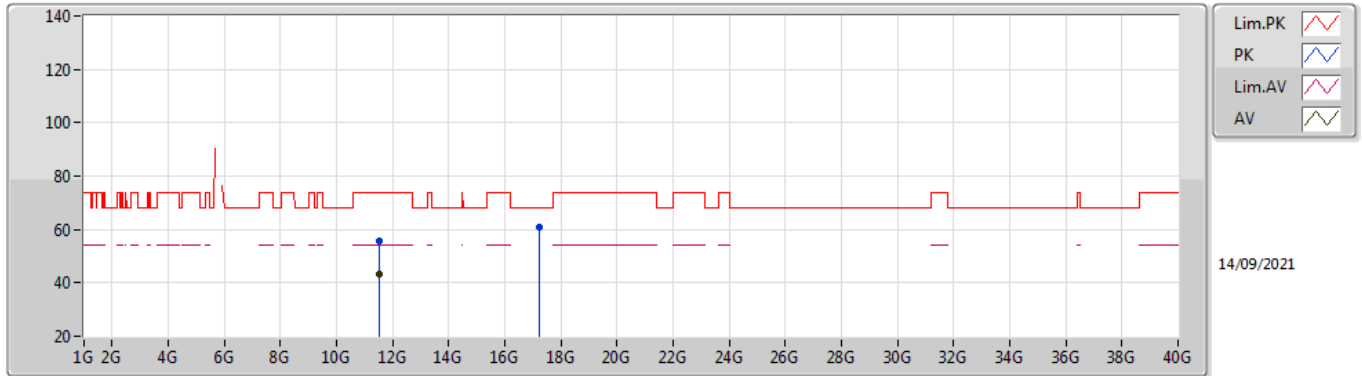
5745MHz_TX



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	5.7486G	115.50	Inf	-Inf	4.15	3	Horizontal	357	2.55	-	111.35	31.99	6.93	34.77
PK	5.6502G	63.50	68.35	-4.85	3.90	3	Horizontal	357	2.55	-	59.60	31.70	6.97	34.77
PK	5.7486G	124.25	Inf	-Inf	4.15	3	Horizontal	357	2.55	-	120.10	31.99	6.93	34.77
PK	5.9418G	59.91	68.20	-8.29	5.14	3	Horizontal	357	2.55	-	54.77	32.38	7.53	34.77

802.11a_Nss1,(6Mbps)_4TX

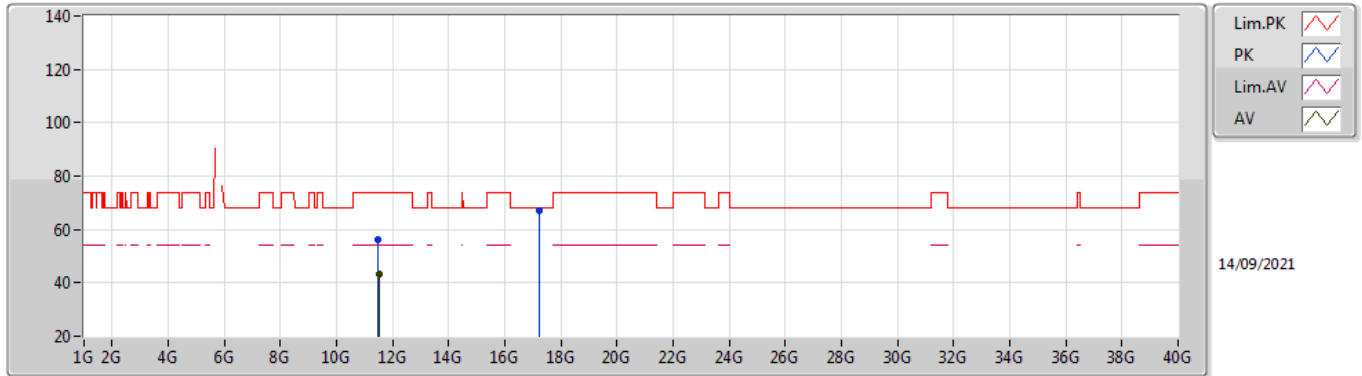
5745MHz_TX



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	11.5002G	43.20	54.00	-10.80	14.66	3	Vertical	140	1.80	-	28.54	39.90	9.37	34.61
PK	11.50386G	55.58	74.00	-18.42	14.66	3	Vertical	140	1.80	-	40.92	39.90	9.37	34.61
PK	17.244G	60.83	68.20	-7.37	18.45	3	Vertical	87	1.60	-	42.38	39.80	12.92	34.27

802.11a_Nss1,(6Mbps)_4TX

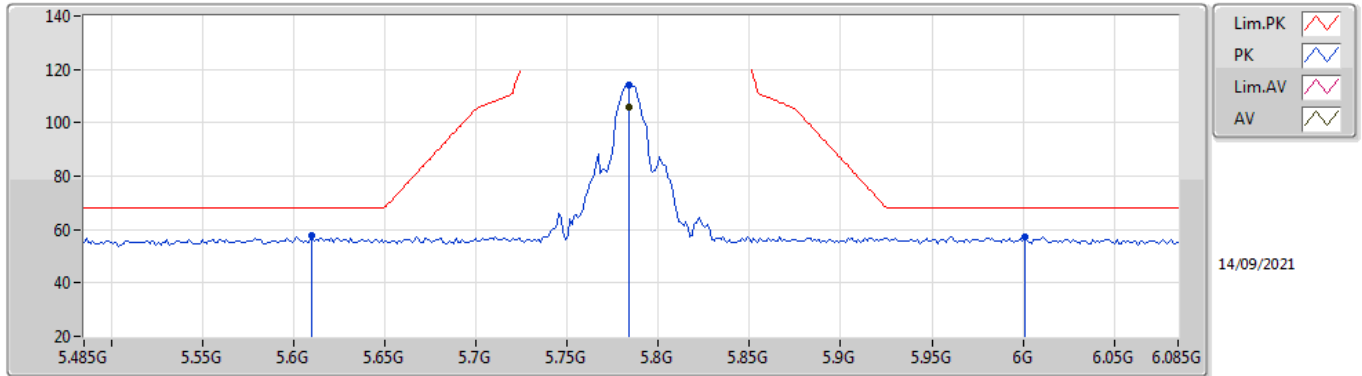
5745MHz_TX



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	11.50062G	43.30	54.00	-10.70	14.66	3	Horizontal	58	1.50	-	28.64	39.90	9.37	34.61
PK	11.47608G	55.97	74.00	-18.03	14.64	3	Horizontal	58	1.50	-	41.33	39.90	9.36	34.62
PK	17.2388G	67.13	68.20	-1.07	18.46	3	Horizontal	60	1.00	-	48.67	39.80	12.92	34.26

802.11a_Nss1,(6Mbps)_4TX

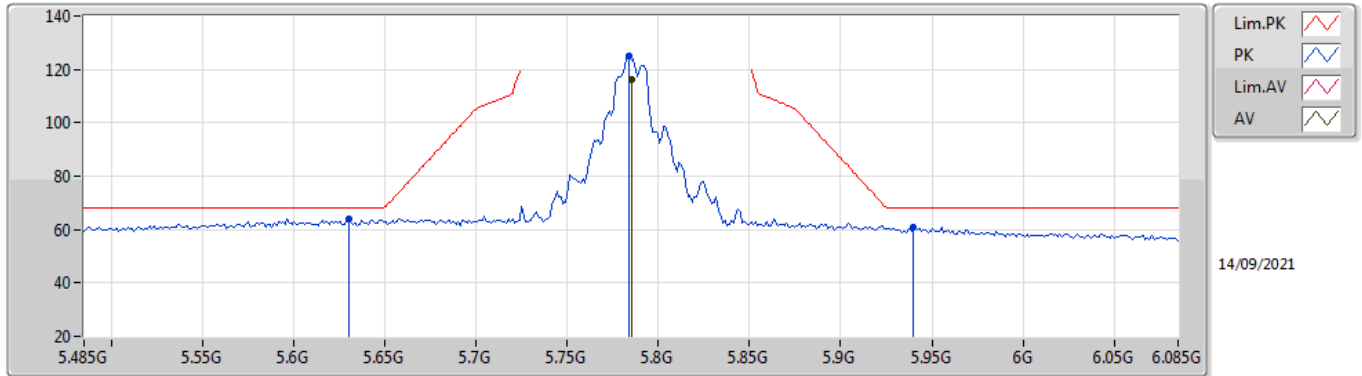
5785MHz_TX



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	106.02	Inf	-Inf	4.22	3	Vertical	46	2.88	-	101.80	32.07	6.92	34.77
PK	5.6098G	57.56	68.20	-10.64	3.92	3	Vertical	46	2.88	-	53.64	31.70	6.99	34.77
PK	5.7838G	114.13	Inf	-Inf	4.22	3	Vertical	46	2.88	-	109.91	32.07	6.92	34.77
PK	6.001G	57.31	68.20	-10.89	5.42	3	Vertical	46	2.88	-	51.89	32.40	7.79	34.77

802.11a_Nss1,(6Mbps)_4TX

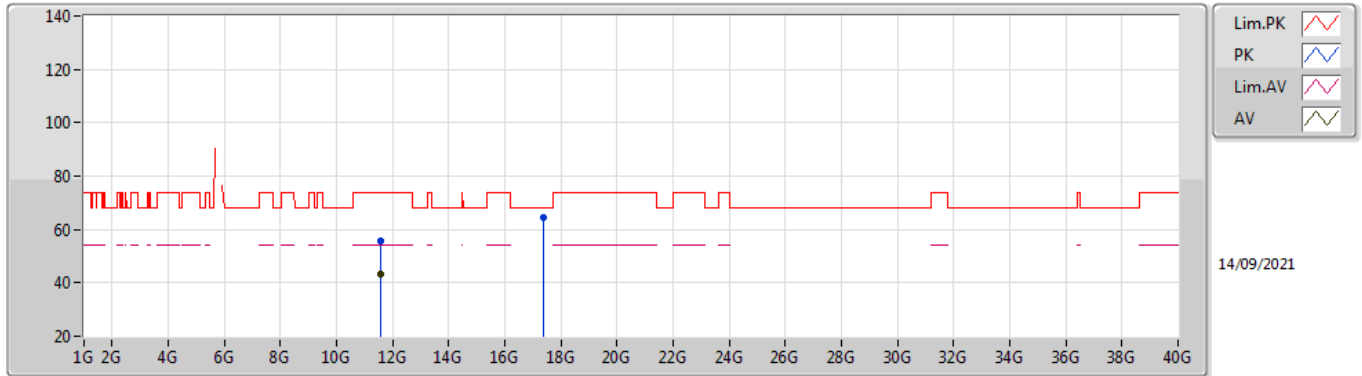
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.785G	116.32	Inf	-Inf	4.22	3	Horizontal	7.5	1.05	-	112.10	32.07	6.92	34.77
PK	5.6302G	64.01	68.20	-4.19	3.91	3	Horizontal	7.5	1.05	-	60.10	31.70	6.98	34.77
PK	5.7838G	124.93	Inf	-Inf	4.22	3	Horizontal	7.5	1.05	-	120.71	32.07	6.92	34.77
PK	5.9398G	60.79	68.20	-7.41	5.14	3	Horizontal	7.5	1.05	-	55.65	32.38	7.53	34.77

802.11a_Nss1,(6Mbps)_4TX

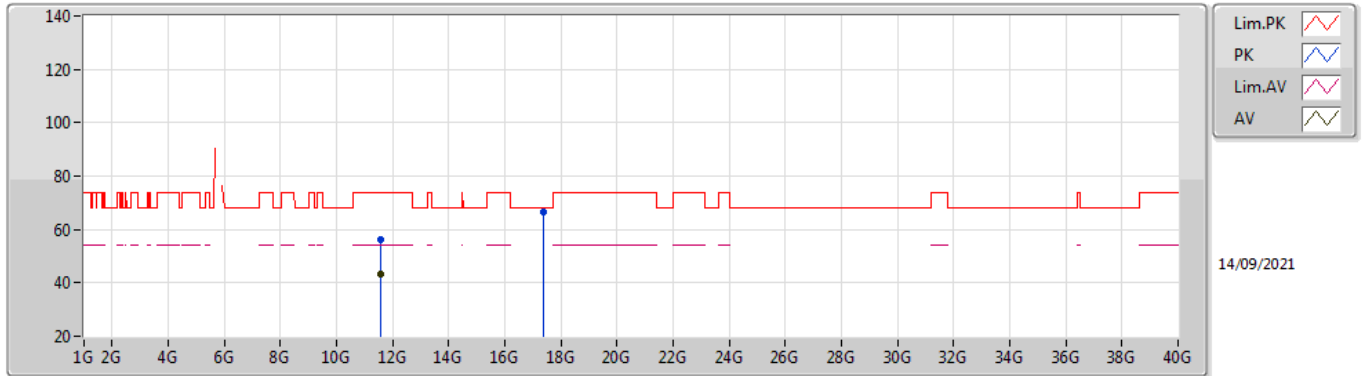
5785MHz_TX



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	11.56226G	43.18	54.00	-10.82	14.66	3	Vertical	181	2.74	-	28.52	39.90	9.39	34.63
PK	11.5721G	55.46	74.00	-18.54	14.66	3	Vertical	181	2.74	-	40.80	39.90	9.39	34.63
PK	17.35956G	64.74	68.20	-3.46	18.87	3	Vertical	308	2.97	-	45.87	40.34	12.95	34.42

802.11a_Nss1,(6Mbps)_4TX

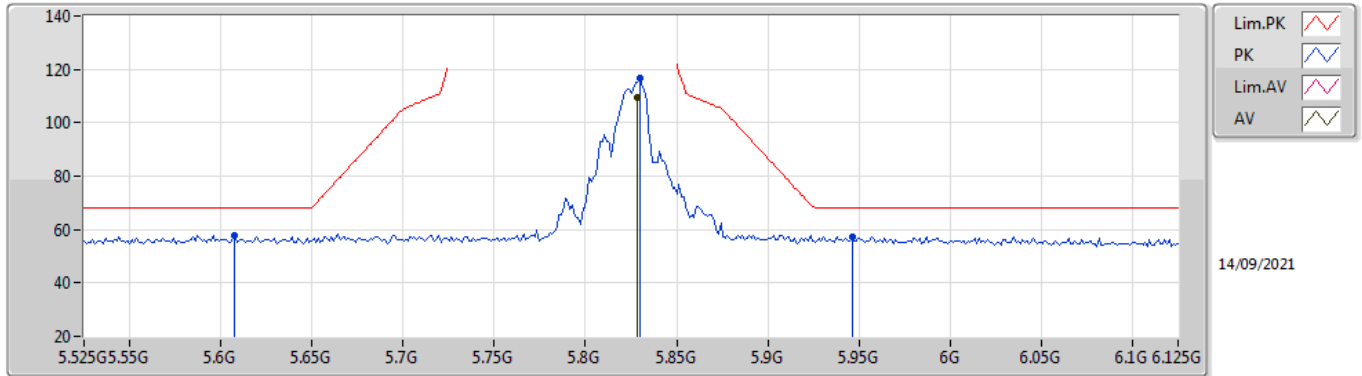
5785MHz_TX



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	11.56748G	43.32	54.00	-10.68	14.66	3	Horizontal	12	1.01	-	28.66	39.90	9.39	34.63
PK	11.56076G	56.39	74.00	-17.61	14.66	3	Horizontal	12	1.01	-	41.73	39.90	9.39	34.63
PK	17.35362G	66.78	68.20	-1.42	18.82	3	Horizontal	61	1.00	-	47.96	40.28	12.95	34.41

802.11a_Nss1,(6Mbps)_4TX

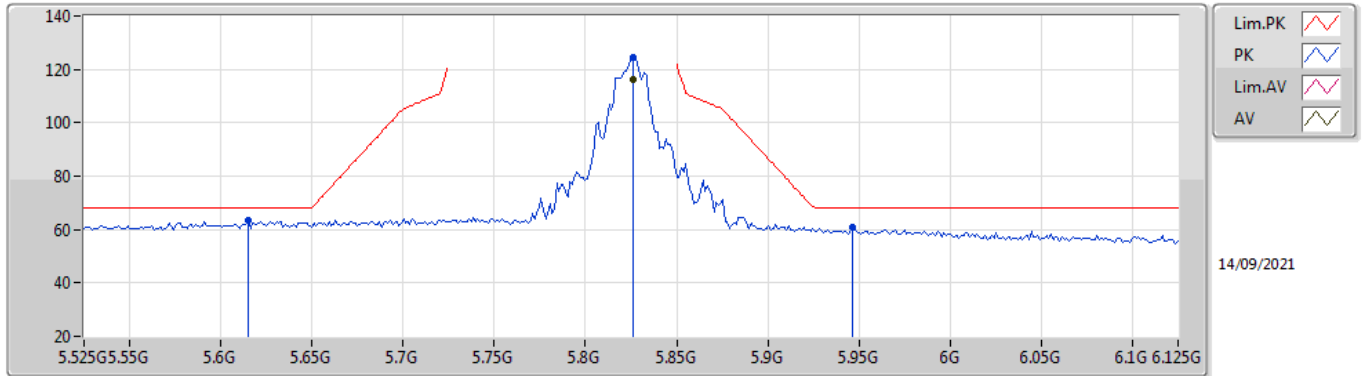
5825MHz_TX



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	109.33	Inf	-Inf	4.43	3	Vertical	127	2.79	-	104.90	32.16	7.04	34.77
PK	5.6078G	57.97	68.20	-10.23	3.92	3	Vertical	127	2.79	-	54.05	31.70	6.99	34.77
PK	5.8298G	116.73	Inf	-Inf	4.43	3	Vertical	127	2.79	-	112.30	32.16	7.04	34.77
PK	5.9462G	57.47	68.20	-10.73	5.17	3	Vertical	127	2.79	-	52.30	32.39	7.55	34.77

802.11a_Nss1,(6Mbps)_4TX

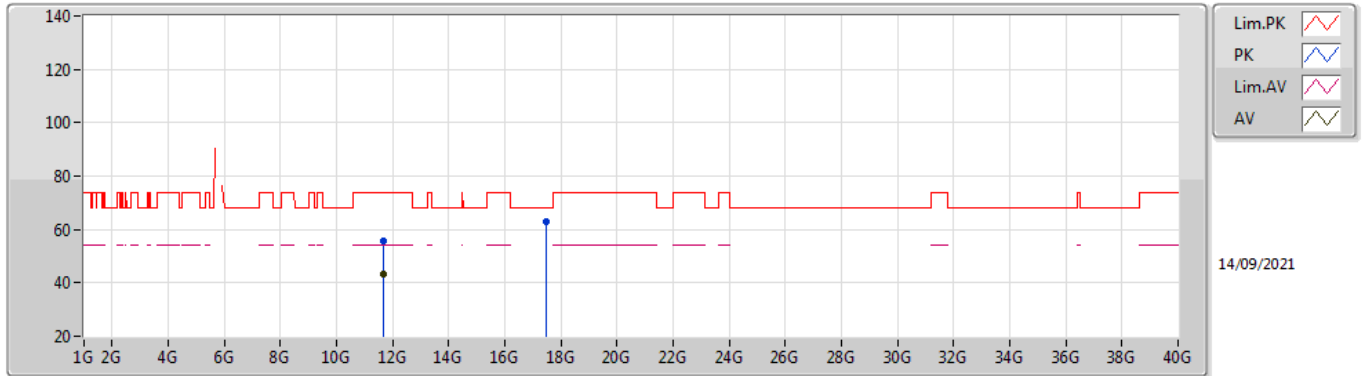
5825MHz_TX



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	115.98	Inf	-Inf	4.41	3	Horizontal	58	1.00	-	111.57	32.15	7.03	34.77
PK	5.615G	63.32	68.20	-4.88	3.91	3	Horizontal	58	1.00	-	59.41	31.70	6.98	34.77
PK	5.8262G	124.59	Inf	-Inf	4.41	3	Horizontal	58	1.00	-	120.18	32.15	7.03	34.77
PK	5.9462G	60.65	68.20	-7.55	5.17	3	Horizontal	58	1.00	-	55.48	32.39	7.55	34.77

802.11a_Nss1,(6Mbps)_4TX

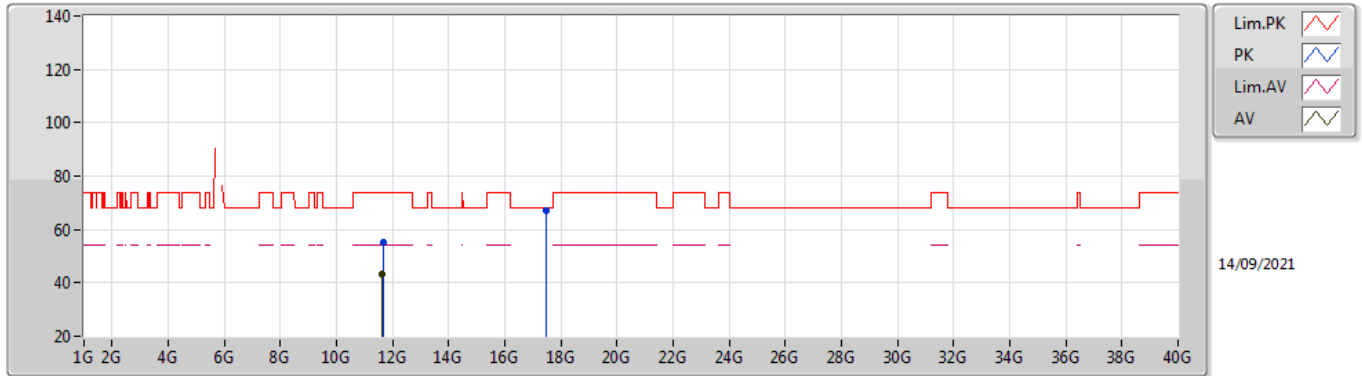
5825MHz_TX



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	11.6611G	43.21	54.00	-10.79	14.29	3	Vertical	289	1.50	-	28.92	39.53	9.42	34.66
PK	11.6578G	55.74	74.00	-18.26	14.32	3	Vertical	289	1.50	-	41.42	39.55	9.42	34.65
PK	17.472G	62.89	68.20	-5.31	19.55	3	Vertical	278	2.85	-	43.34	41.13	12.99	34.57

802.11a_Nss1,(6Mbps)_4TX

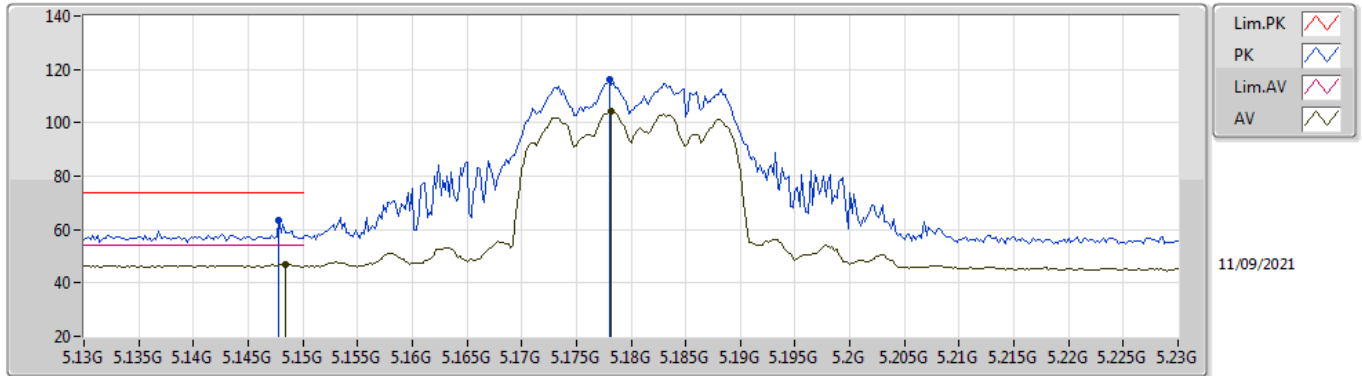
5825MHz_TX



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	11.64586G	43.12	54.00	-10.88	14.38	3	Horizontal	242	1.50	-	28.74	39.62	9.41	34.65
PK	11.65204G	55.20	74.00	-18.80	14.36	3	Horizontal	242	1.50	-	40.84	39.59	9.42	34.65
PK	17.47872G	66.96	68.20	-1.24	19.58	3	Horizontal	58	1.00	-	47.38	41.17	12.99	34.58

802.11ax HEW20_Nss1,(MCS0)_4TX

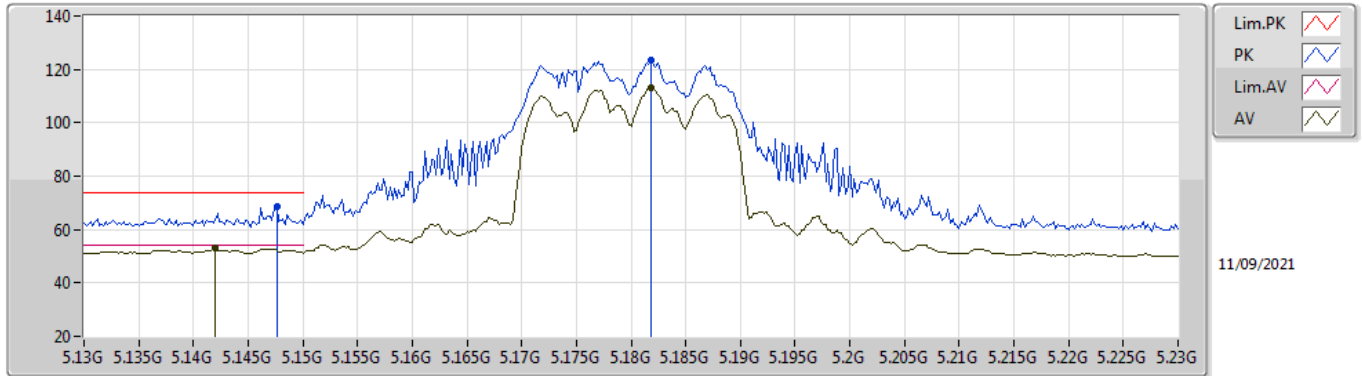
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	47.08	54.00	-6.92	4.01	3	Vertical	118	2.78	-	43.07	31.90	6.87	34.76
AV	5.1782G	104.21	Inf	-Inf	3.91	3	Vertical	118	2.78	-	100.30	31.79	6.88	34.76
PK	5.1478G	63.61	74.00	-10.39	4.01	3	Vertical	118	2.78	-	59.60	31.90	6.87	34.76
PK	5.178G	115.97	Inf	-Inf	3.91	3	Vertical	118	2.78	-	112.06	31.79	6.88	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

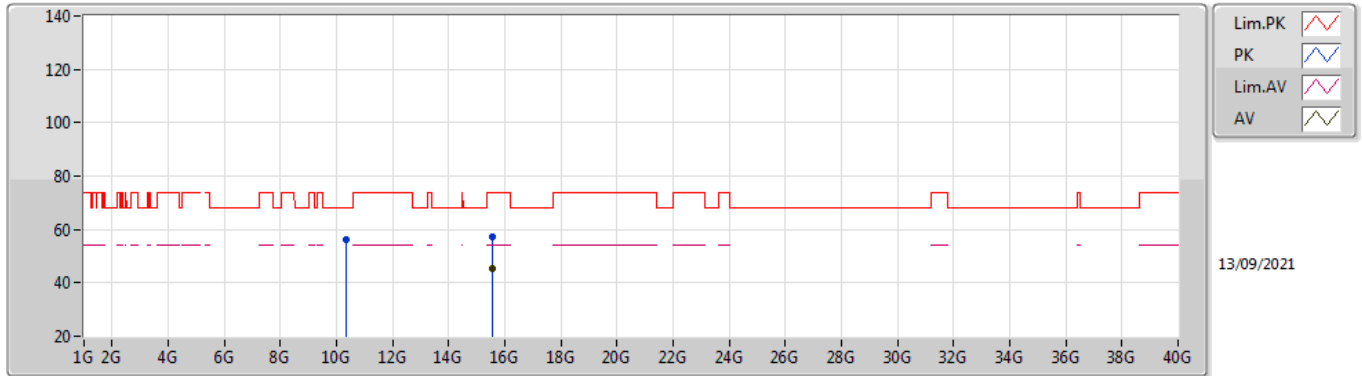
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.142G	52.85	54.00	-1.15	4.01	3	Horizontal	341	1.13	-	48.84	31.90	6.87	34.76
AV	5.1818G	112.95	Inf	-Inf	3.89	3	Horizontal	341	1.13	-	109.06	31.77	6.88	34.76
PK	5.1476G	68.67	74.00	-5.33	4.01	3	Horizontal	341	1.13	-	64.66	31.90	6.87	34.76
PK	5.1818G	123.19	Inf	-Inf	3.89	3	Horizontal	341	1.13	-	119.30	31.77	6.88	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

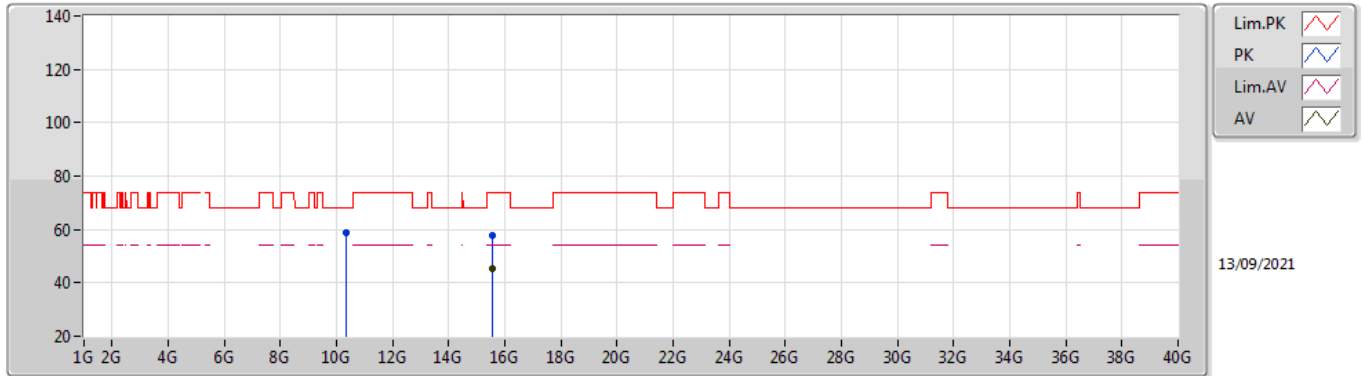
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54744G	45.12	54.00	-8.88	15.39	3	Vertical	145	1.77	-	29.73	38.21	12.11	34.93
PK	10.36716G	56.08	68.20	-12.12	13.57	3	Vertical	122	1.04	-	42.51	39.60	8.99	35.02
PK	15.54524G	57.15	74.00	-16.85	15.40	3	Vertical	145	1.77	-	41.75	38.22	12.11	34.93

802.11ax HEW20_Nss1,(MCS0)_4TX

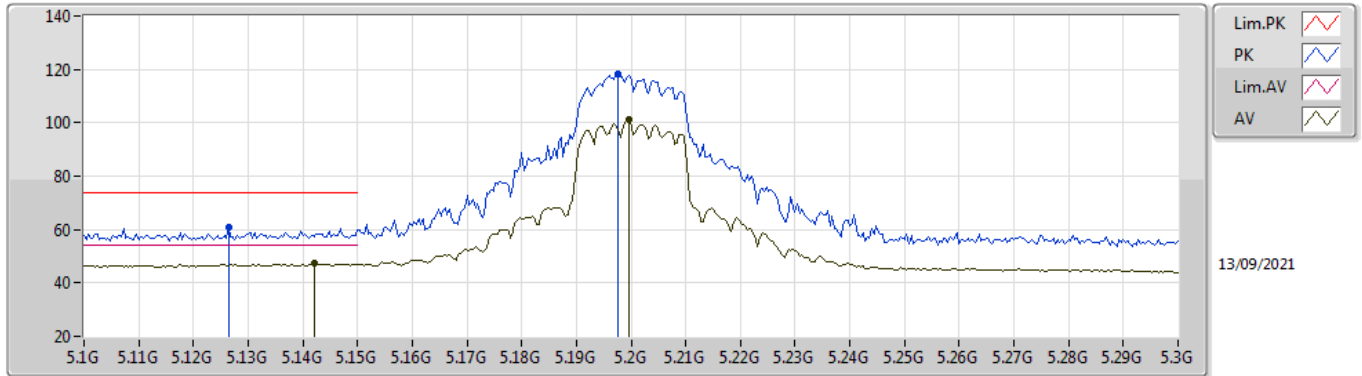
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.537G	45.21	54.00	-8.79	15.43	3	Horizontal	0	1.65	-	29.78	38.25	12.10	34.92
PK	10.35244G	58.64	68.20	-9.56	13.51	3	Horizontal	36	1.01	-	45.13	39.56	8.99	35.04
PK	15.5402G	57.60	74.00	-16.40	15.42	3	Horizontal	0	1.65	-	42.18	38.24	12.10	34.92

802.11ax HEW20_Nss1,(MCS0)_4TX

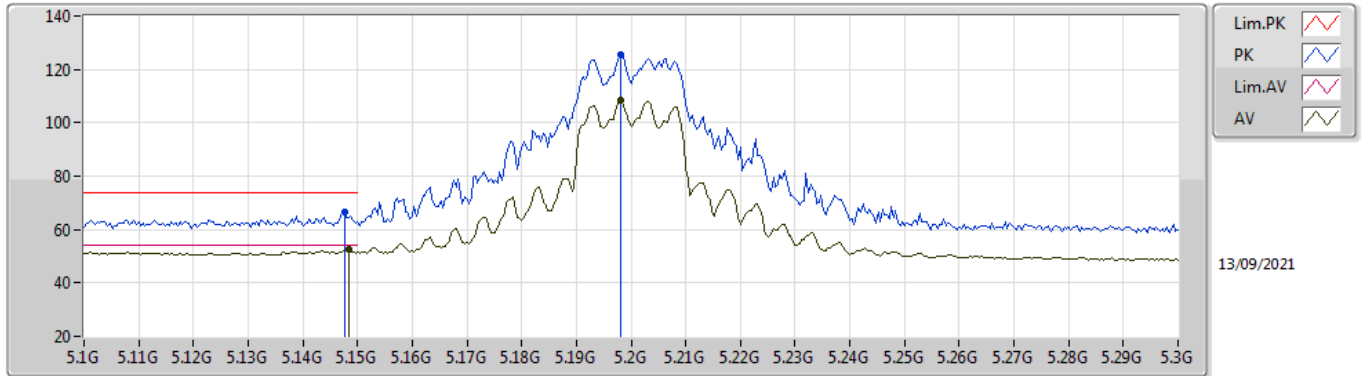
5200MHz_TX



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	5.142G	47.24	54.00	-6.76	4.01	3	Vertical	118	2.79	-	43.23	31.90	6.87	34.76
AV	5.1996G	101.05	Inf	-Inf	3.83	3	Vertical	118	2.79	-	97.22	31.70	6.89	34.76
PK	5.1264G	60.80	74.00	-13.20	4.00	3	Vertical	118	2.79	-	56.80	31.90	6.86	34.76
PK	5.1976G	118.42	Inf	-Inf	3.84	3	Vertical	118	2.79	-	114.58	31.71	6.89	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

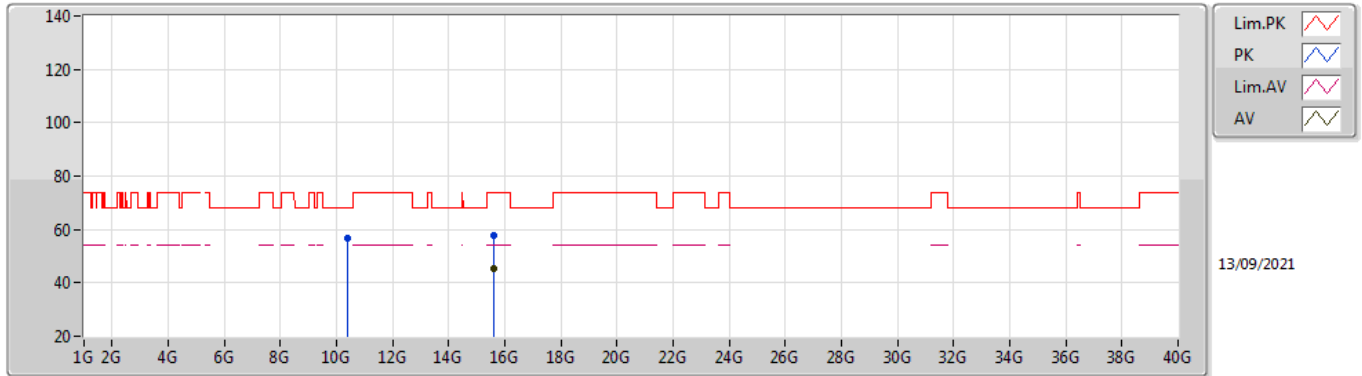
5200MHz_TX



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	5.1484G	52.65	54.00	-1.35	4.01	3	Horizontal	350	1.04	-	48.64	31.90	6.87	34.76
AV	5.198G	108.59	Inf	-Inf	3.84	3	Horizontal	350	1.04	-	104.75	31.71	6.89	34.76
PK	5.1476G	66.41	74.00	-7.59	4.01	3	Horizontal	350	1.04	-	62.40	31.90	6.87	34.76
PK	5.198G	125.68	Inf	-Inf	3.84	3	Horizontal	350	1.04	-	121.84	31.71	6.89	34.76

802.11ax HEW20_Nss1,(MCS0)_4TX

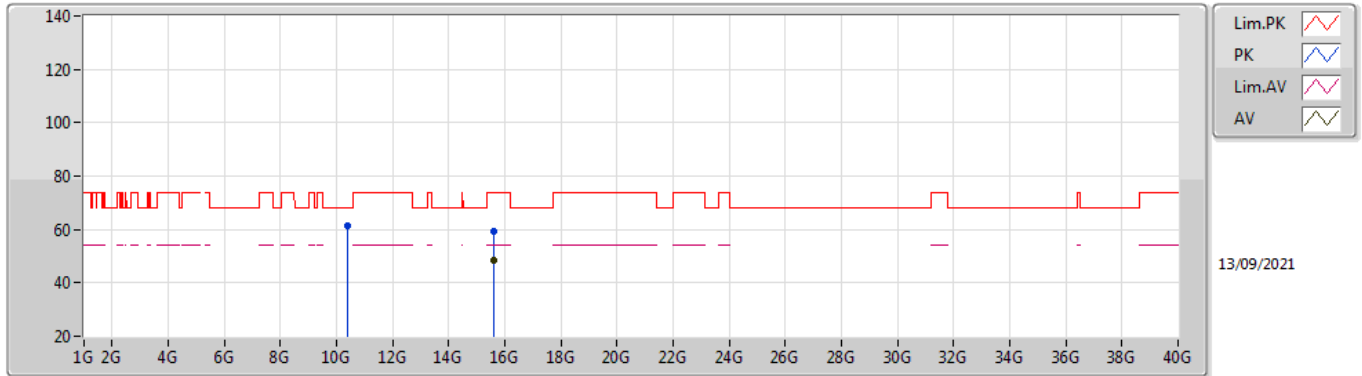
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60444G	45.45	54.00	-8.55	15.20	3	Vertical	166	2.36	-	30.25	37.99	12.17	34.96
PK	10.40396G	56.55	68.20	-11.65	13.72	3	Vertical	111	1.04	-	42.83	39.71	9.00	34.99
PK	15.60564G	57.74	74.00	-16.26	15.19	3	Vertical	166	2.36	-	42.55	37.98	12.17	34.96

802.11ax HEW20_Nss1,(MCS0)_4TX

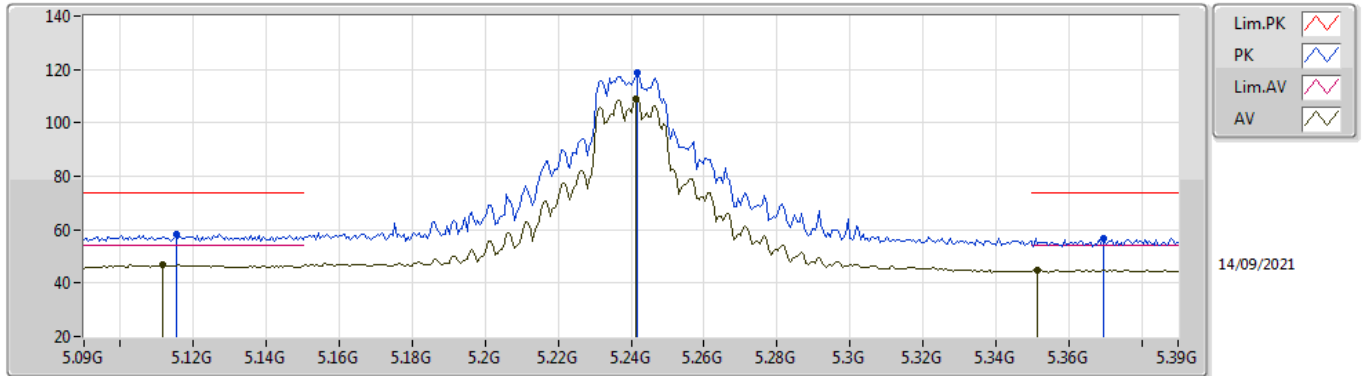
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59238G	48.24	54.00	-5.76	15.23	3	Horizontal	70	1.04	-	33.01	38.03	12.15	34.95
PK	10.40594G	61.20	68.20	-7.00	13.73	3	Horizontal	128	1.00	-	47.47	39.72	9.00	34.99
PK	15.59748G	59.09	74.00	-14.91	15.21	3	Horizontal	70	1.04	-	43.88	38.01	12.16	34.96

802.11ax HEW20_Nss1,(MCS0)_4TX

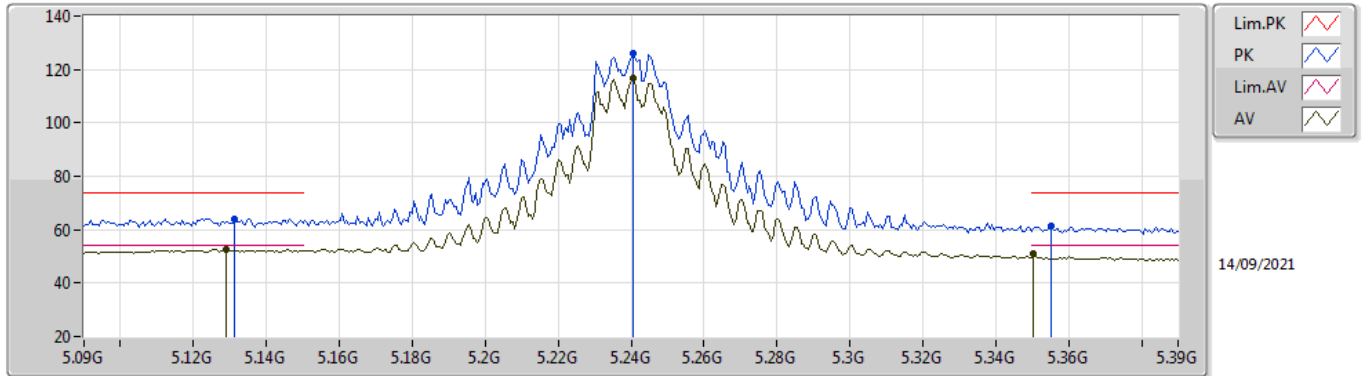
5240MHz_TX



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	5.1116G	46.82	54.00	-7.18	3.99	3	Vertical	122	3.00	-	42.83	31.90	6.85	34.76
AV	5.2412G	108.92	Inf	-Inf	3.72	3	Vertical	122	3.00	-	105.20	31.54	6.94	34.76
AV	5.3516G	44.97	54.00	-9.03	3.50	3	Vertical	122	3.00	-	41.47	31.21	7.06	34.77
PK	5.1152G	58.09	74.00	-15.91	4.00	3	Vertical	122	3.00	-	54.09	31.90	6.86	34.76
PK	5.2418G	118.87	Inf	-Inf	3.71	3	Vertical	122	3.00	-	115.16	31.53	6.94	34.76
PK	5.3696G	56.61	74.00	-17.39	3.60	3	Vertical	122	3.00	-	53.01	31.28	7.09	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

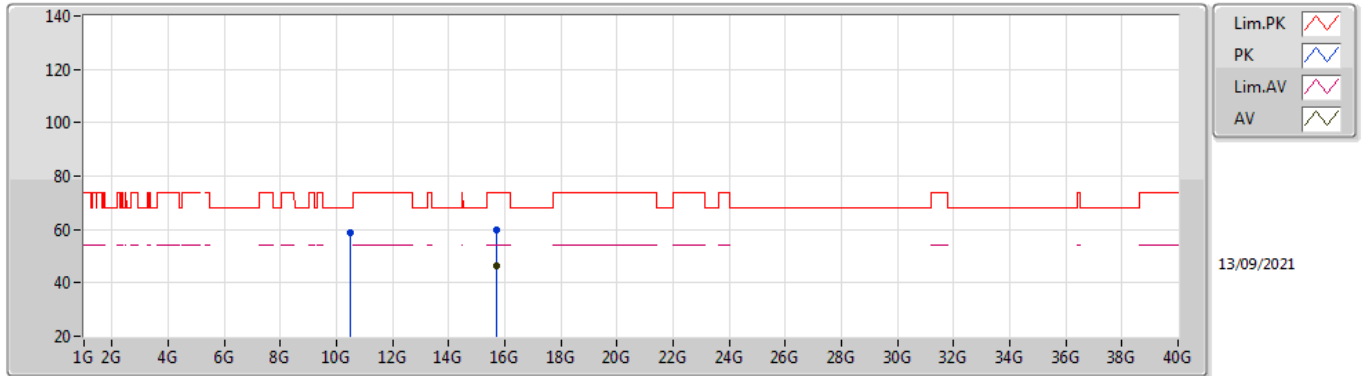
5240MHz_TX



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	5.129G	52.65	54.00	-1.35	4.00	3	Horizontal	334	1.02	-	48.65	31.90	6.86	34.76
AV	5.2406G	116.78	Inf	-Inf	3.72	3	Horizontal	334	1.02	-	113.06	31.54	6.94	34.76
AV	5.3504G	51.06	54.00	-2.94	3.49	3	Horizontal	334	1.02	-	47.57	31.20	7.06	34.77
PK	5.1314G	64.20	74.00	-9.80	4.00	3	Horizontal	334	1.02	-	60.20	31.90	6.86	34.76
PK	5.2406G	126.08	Inf	-Inf	3.72	3	Horizontal	334	1.02	-	122.36	31.54	6.94	34.76
PK	5.3552G	61.55	74.00	-12.45	3.52	3	Horizontal	334	1.02	-	58.03	31.22	7.07	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

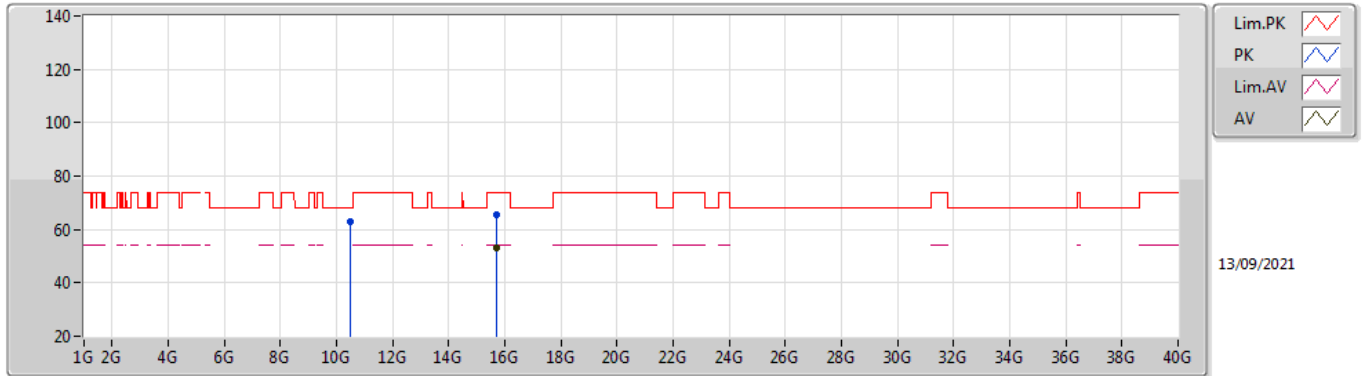
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7254G	46.25	54.00	-7.75	14.93	3	Vertical	350	1.11	-	31.32	37.67	12.29	35.03
PK	10.47994G	58.96	68.20	-9.24	14.05	3	Vertical	120	1.10	-	44.91	39.94	9.03	34.92
PK	15.71496G	59.82	74.00	-14.18	14.95	3	Vertical	350	1.11	-	44.87	37.69	12.28	35.02

802.11ax HEW20_Nss1,(MCS0)_4TX

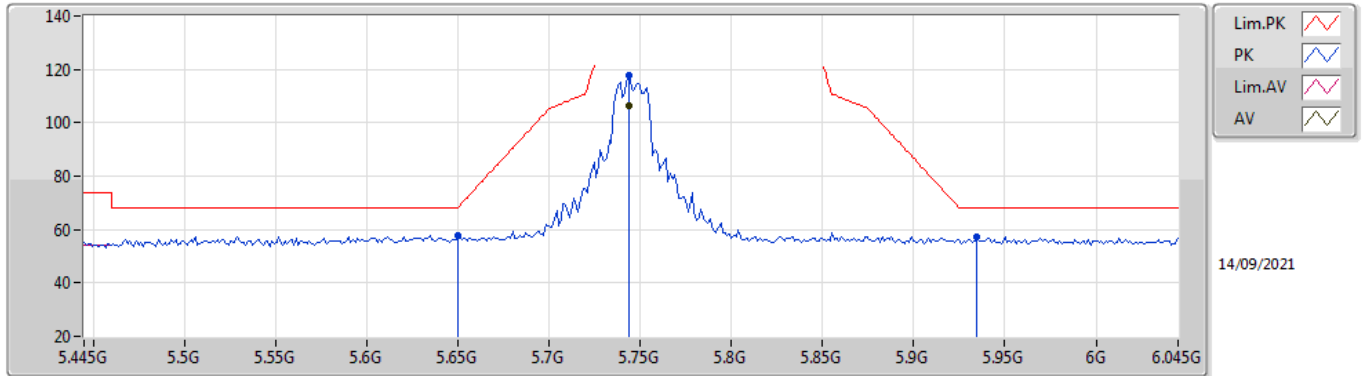
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7176G	52.95	54.00	-1.05	14.93	3	Horizontal	60	1.02	-	38.02	37.68	12.28	35.03
PK	10.47616G	62.78	68.20	-5.42	14.04	3	Horizontal	125	1.00	-	48.74	39.93	9.03	34.92
PK	15.71784G	65.55	74.00	-8.45	14.93	3	Horizontal	60	1.02	-	50.62	37.68	12.28	35.03

802.11ax HEW20_Nss1,(MCS0)_4TX

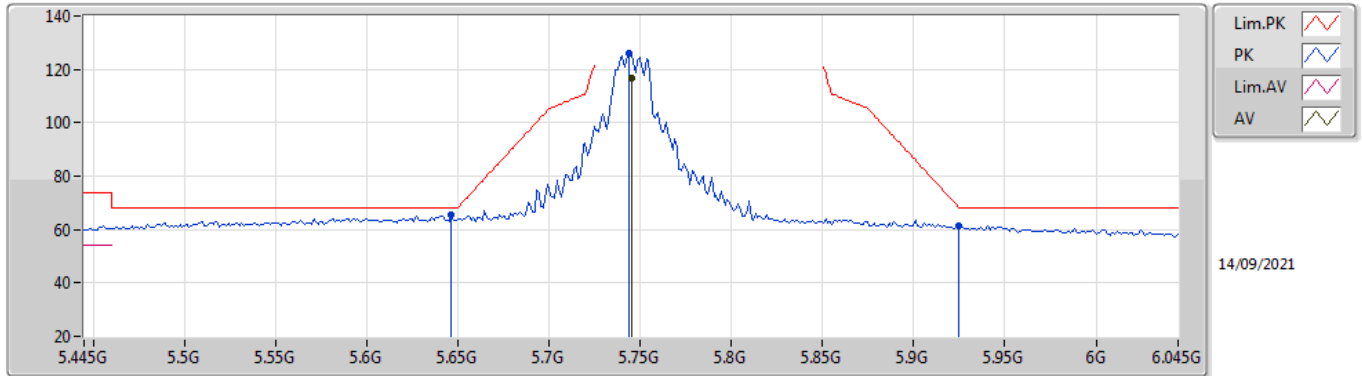
5745MHz_TX



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	5.7438G	106.63	Inf	-Inf	4.14	3	Vertical	129	2.82	-	102.49	31.98	6.93	34.77
PK	5.6502G	57.91	68.35	-10.44	3.90	3	Vertical	129	2.82	-	54.01	31.70	6.97	34.77
PK	5.7438G	117.86	Inf	-Inf	4.14	3	Vertical	129	2.82	-	113.72	31.98	6.93	34.77
PK	5.9346G	57.32	68.20	-10.88	5.10	3	Vertical	129	2.82	-	52.22	32.37	7.50	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

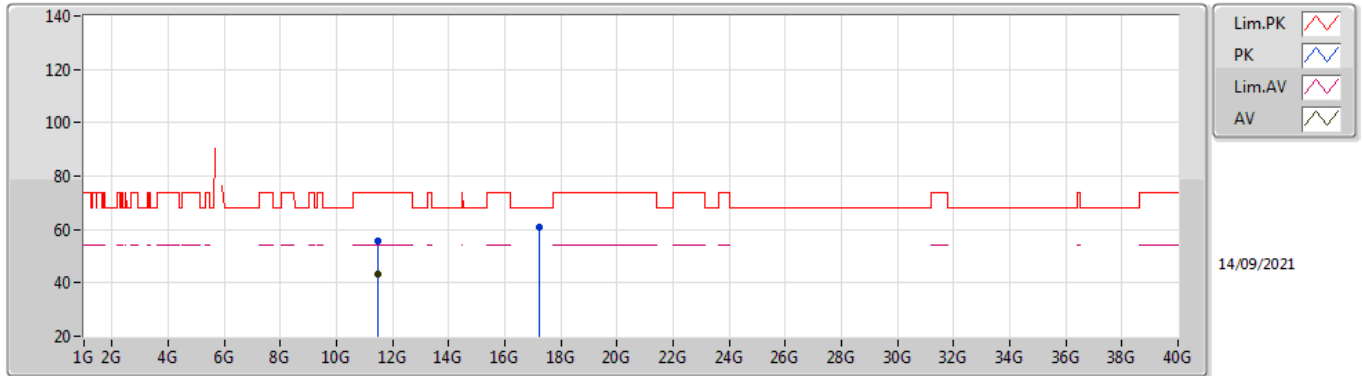
5745MHz_TX



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	5.745G	116.59	Inf	-Inf	4.14	3	Horizontal	5	1.18	-	112.45	31.98	6.93	34.77
PK	5.6466G	65.34	68.20	-2.86	3.90	3	Horizontal	5	1.18	-	61.44	31.70	6.97	34.77
PK	5.7438G	126.03	Inf	-Inf	4.14	3	Horizontal	5	1.18	-	121.89	31.98	6.93	34.77
PK	5.925G	61.60	68.20	-6.60	5.04	3	Horizontal	5	1.18	-	56.56	32.35	7.46	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

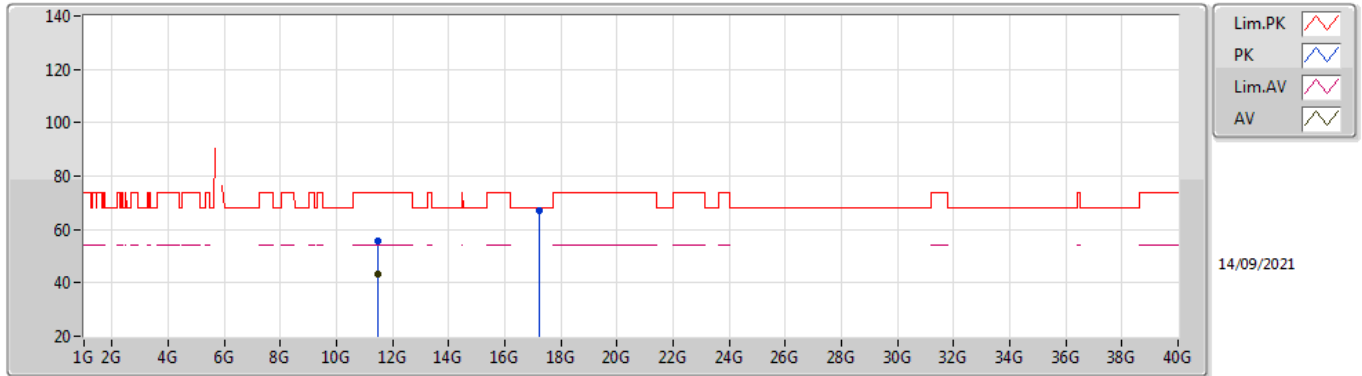
5745MHz_TX



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	11.48928G	43.38	54.00	-10.62	14.65	3	Vertical	175	2.30	-	28.73	39.90	9.36	34.61
PK	11.48736G	55.85	74.00	-18.15	14.65	3	Vertical	175	2.30	-	41.20	39.90	9.36	34.61
PK	17.24784G	60.71	68.20	-7.49	18.45	3	Vertical	76	1.08	-	42.26	39.80	12.92	34.27

802.11ax HEW20_Nss1,(MCS0)_4TX

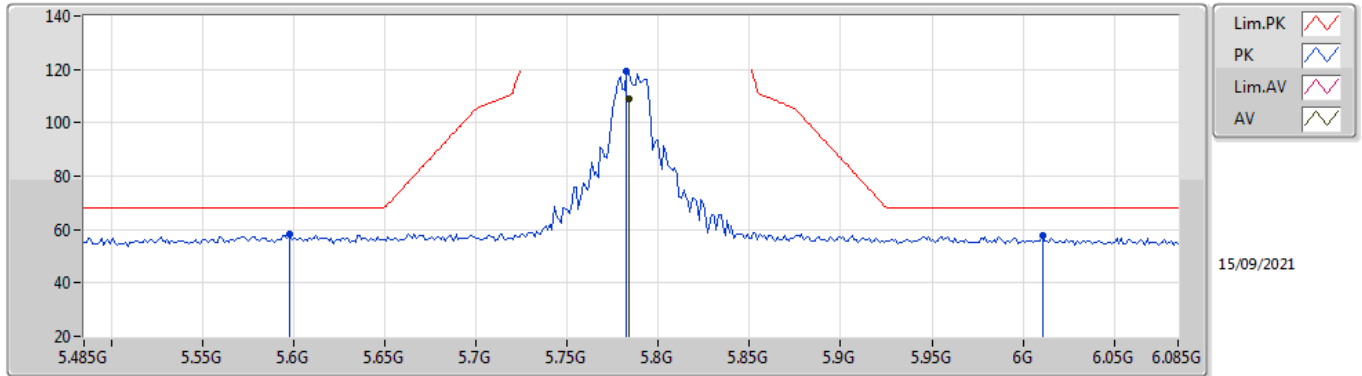
5745MHz_TX



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	11.49006G	43.46	54.00	-10.54	14.65	3	Horizontal	261	1.75	-	28.81	39.90	9.36	34.61
PK	11.47638G	55.75	74.00	-18.25	14.64	3	Horizontal	261	1.75	-	41.11	39.90	9.36	34.62
PK	17.23728G	66.86	68.20	-1.34	18.46	3	Horizontal	113	1.42	-	48.40	39.80	12.92	34.26

802.11ax HEW20_Nss1,(MCS0)_4TX

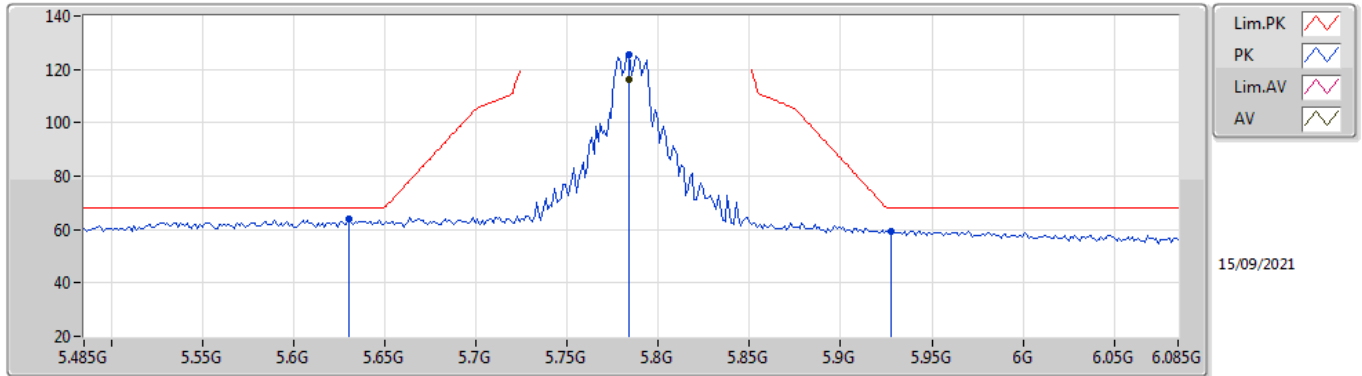
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7838G	109.11	Inf	-Inf	4.22	3	Vertical	109	2.79	-	104.89	32.07	6.92	34.77
PK	5.5978G	58.35	68.20	-9.85	3.92	3	Vertical	109	2.79	-	54.43	31.70	6.99	34.77
PK	5.7826G	119.17	Inf	-Inf	4.22	3	Vertical	109	2.79	-	114.95	32.07	6.92	34.77
PK	6.0106G	57.51	68.20	-10.69	5.39	3	Vertical	109	2.79	-	52.12	32.40	7.76	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

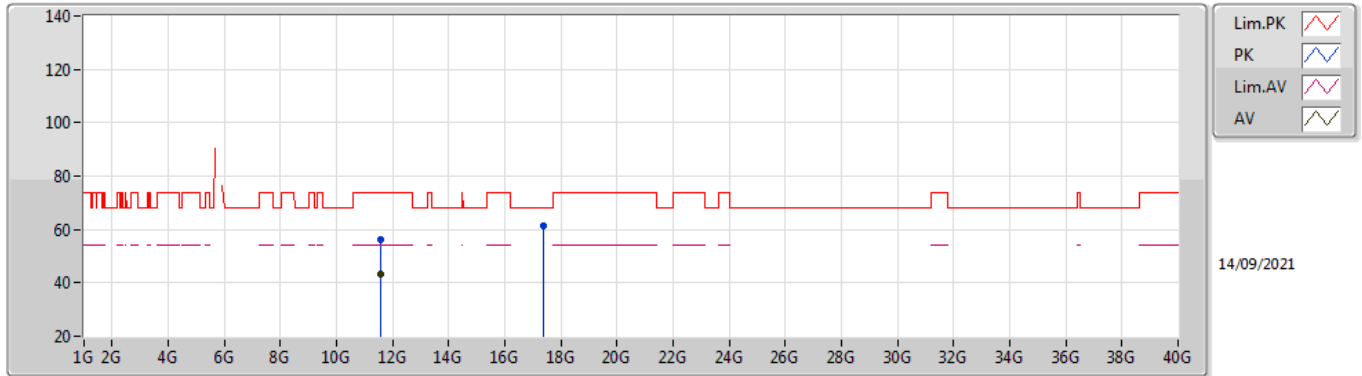
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7838G	116.01	Inf	-Inf	4.22	3	Horizontal	14	1.06	-	111.79	32.07	6.92	34.77
PK	5.6302G	63.92	68.20	-4.28	3.91	3	Horizontal	14	1.06	-	60.01	31.70	6.98	34.77
PK	5.7838G	125.58	Inf	-Inf	4.22	3	Horizontal	14	1.06	-	121.36	32.07	6.92	34.77
PK	5.9278G	59.45	68.20	-8.75	5.06	3	Horizontal	14	1.06	-	54.39	32.36	7.47	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

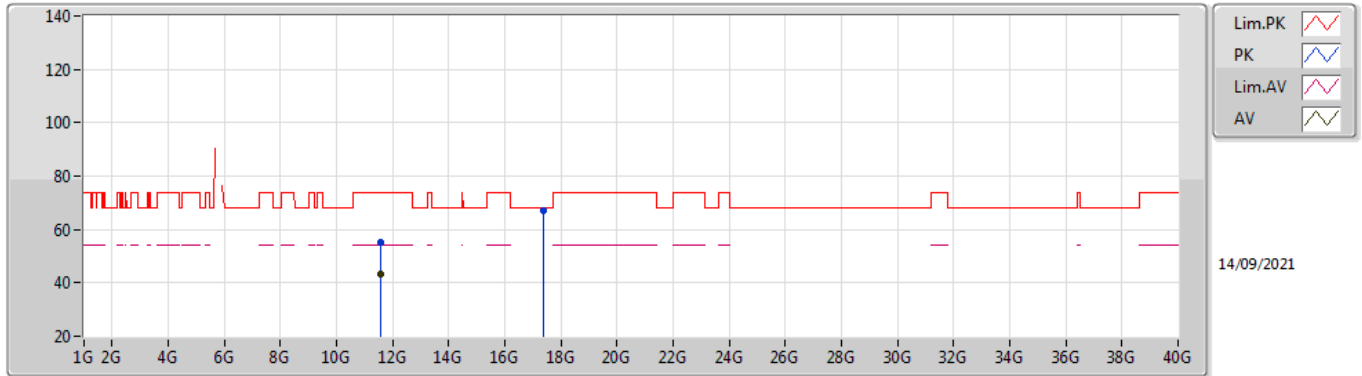
5785MHz_TX



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	11.5586G	43.31	54.00	-10.69	14.65	3	Vertical	289	1.43	-	28.66	39.90	9.38	34.63
PK	11.56988G	56.00	74.00	-18.00	14.66	3	Vertical	289	1.43	-	41.34	39.90	9.39	34.63
PK	17.35368G	61.28	68.20	-6.92	18.82	3	Vertical	76	3.00	-	42.46	40.28	12.95	34.41

802.11ax HEW20_Nss1,(MCS0)_4TX

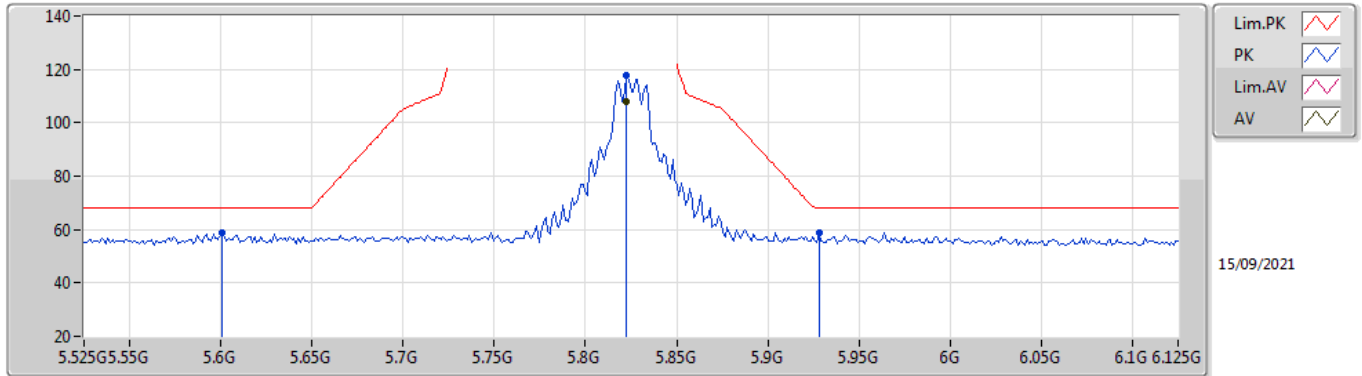
5785MHz_TX



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	11.55758G	43.16	54.00	-10.84	14.65	3	Horizontal	95	1.50	-	28.51	39.90	9.38	34.63
PK	11.56274G	55.32	74.00	-18.68	14.66	3	Horizontal	95	1.50	-	40.66	39.90	9.39	34.63
PK	17.35722G	67.01	68.20	-1.19	18.84	3	Horizontal	58	1.01	-	48.17	40.31	12.95	34.42

802.11ax HEW20_Nss1,(MCS0)_4TX

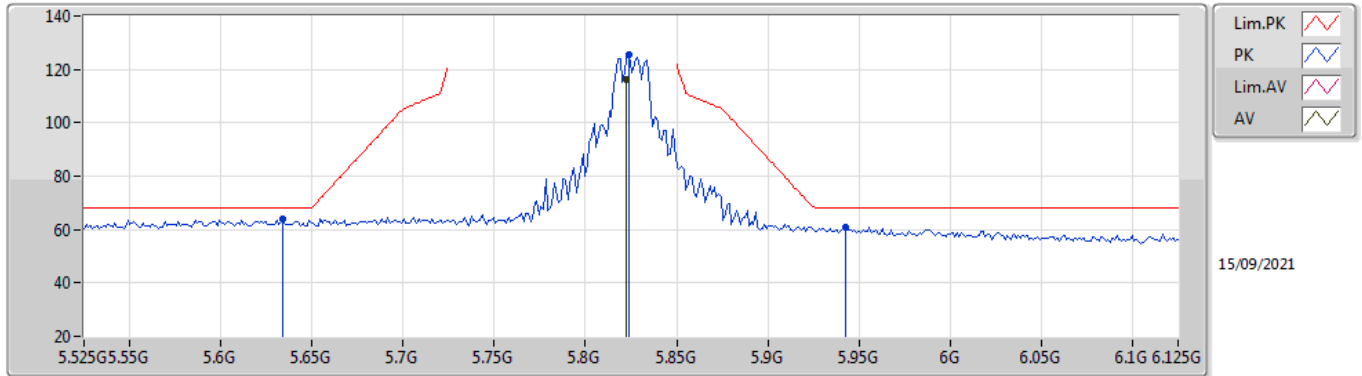
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	107.81	Inf	-Inf	4.39	3	Vertical	126	2.85	-	103.42	32.15	7.01	34.77
PK	5.6006G	58.57	68.20	-9.63	3.92	3	Vertical	126	2.85	-	54.65	31.70	6.99	34.77
PK	5.8226G	117.86	Inf	-Inf	4.39	3	Vertical	126	2.85	-	113.47	32.15	7.01	34.77
PK	5.9282G	58.78	68.20	-9.42	5.06	3	Vertical	126	2.85	-	53.72	32.36	7.47	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

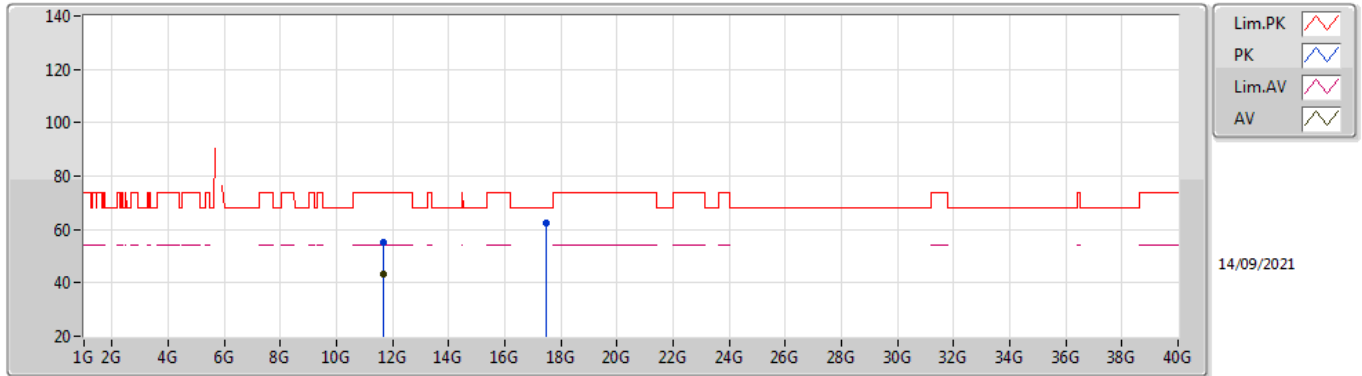
5825MHz_TX



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	5.8226G	116.25	Inf	-Inf	4.39	3	Horizontal	15	1.00	-	111.86	32.15	7.01	34.77
PK	5.6342G	63.88	68.20	-4.32	3.91	3	Horizontal	15	1.00	-	59.97	31.70	6.98	34.77
PK	5.8238G	125.34	Inf	-Inf	4.39	3	Horizontal	15	1.00	-	120.95	32.15	7.01	34.77
PK	5.9426G	60.90	68.20	-7.30	5.16	3	Horizontal	15	1.00	-	55.74	32.39	7.54	34.77

802.11ax HEW20_Nss1,(MCS0)_4TX

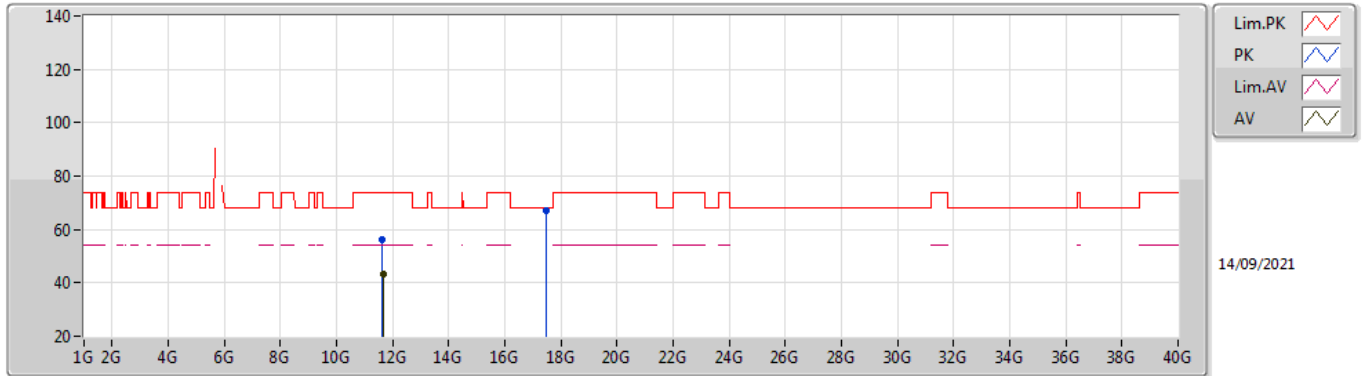
5825MHz_TX



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	11.6479G	43.31	54.00	-10.69	14.37	3	Vertical	275	2.41	-	28.94	39.61	9.41	34.65
PK	11.65678G	55.07	74.00	-18.93	14.33	3	Vertical	275	2.41	-	40.74	39.56	9.42	34.65
PK	17.48574G	62.35	68.20	-5.85	19.61	3	Vertical	64	1.94	-	42.74	41.21	12.99	34.59

802.11ax HEW20_Nss1,(MCS0)_4TX

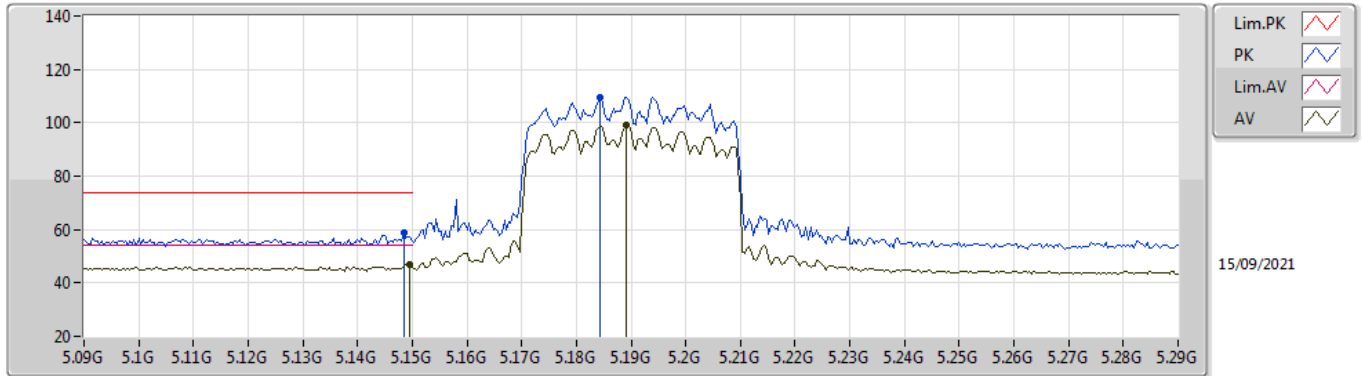
5825MHz_TX



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	11.6533G	43.17	54.00	-10.83	14.35	3	Horizontal	321	2.37	-	28.82	39.58	9.42	34.65
PK	11.6443G	56.19	74.00	-17.81	14.39	3	Horizontal	321	2.37	-	41.80	39.63	9.41	34.65
PK	17.47746G	66.85	68.20	-1.35	19.57	3	Horizontal	58	1.00	-	47.28	41.16	12.99	34.58

802.11ax HEW40_Nss1,(MCS0)_4TX

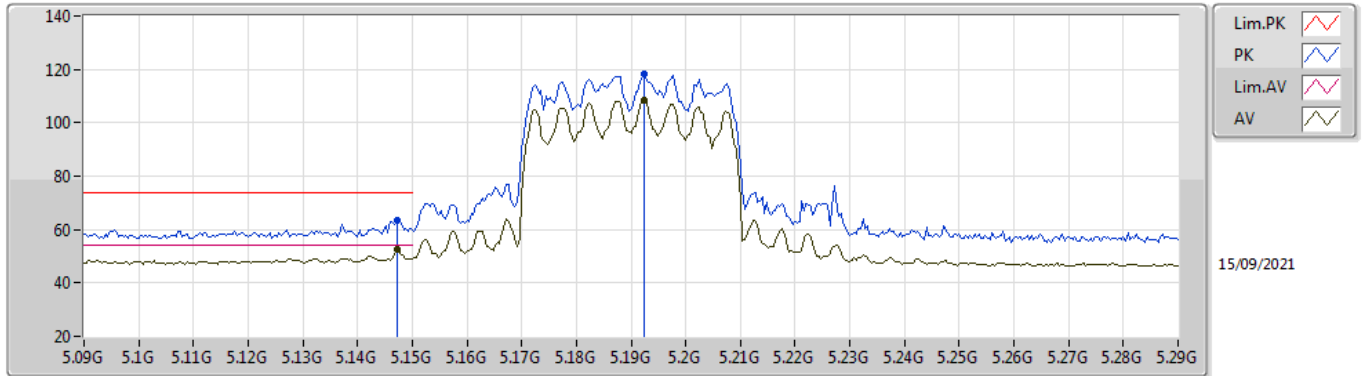
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	46.75	54.00	-7.25	4.01	3	Vertical	122	2.95	-	42.74	31.90	6.87	34.76
AV	5.1892G	99.26	Inf	-Inf	3.87	3	Vertical	122	2.95	-	95.39	31.74	6.89	34.76
PK	5.1484G	58.75	74.00	-15.25	4.01	3	Vertical	122	2.95	-	54.74	31.90	6.87	34.76
PK	5.1844G	109.71	Inf	-Inf	3.88	3	Vertical	122	2.95	-	105.83	31.76	6.88	34.76

802.11ax HEW40_Nss1,(MCS0)_4TX

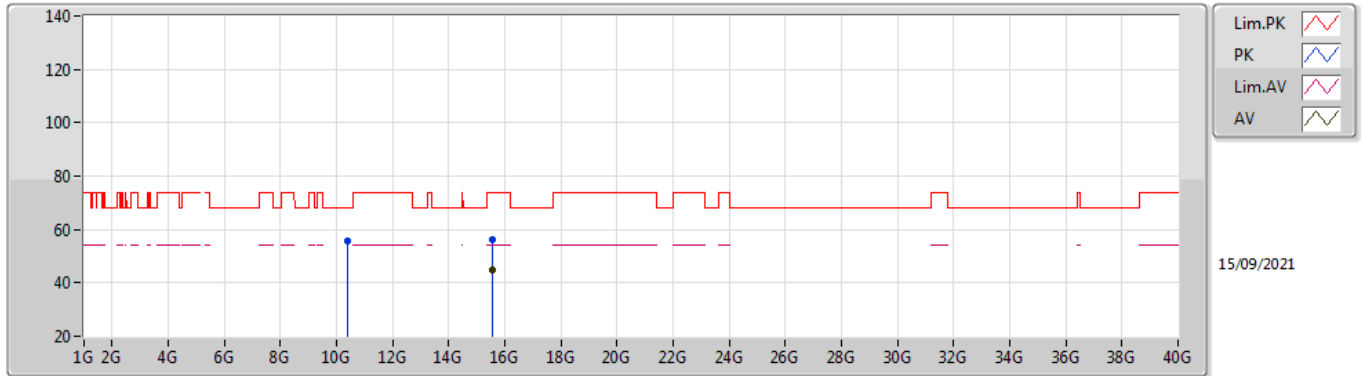
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1472G	52.62	54.00	-1.38	4.01	3	Horizontal	23	1.06	-	48.61	31.90	6.87	34.76
AV	5.1924G	108.55	Inf	-Inf	3.86	3	Horizontal	23	1.06	-	104.69	31.73	6.89	34.76
PK	5.1472G	63.67	74.00	-10.33	4.01	3	Horizontal	23	1.06	-	59.66	31.90	6.87	34.76
PK	5.1924G	118.06	Inf	-Inf	3.86	3	Horizontal	23	1.06	-	114.20	31.73	6.89	34.76

802.11ax HEW40_Nss1,(MCS0)_4TX

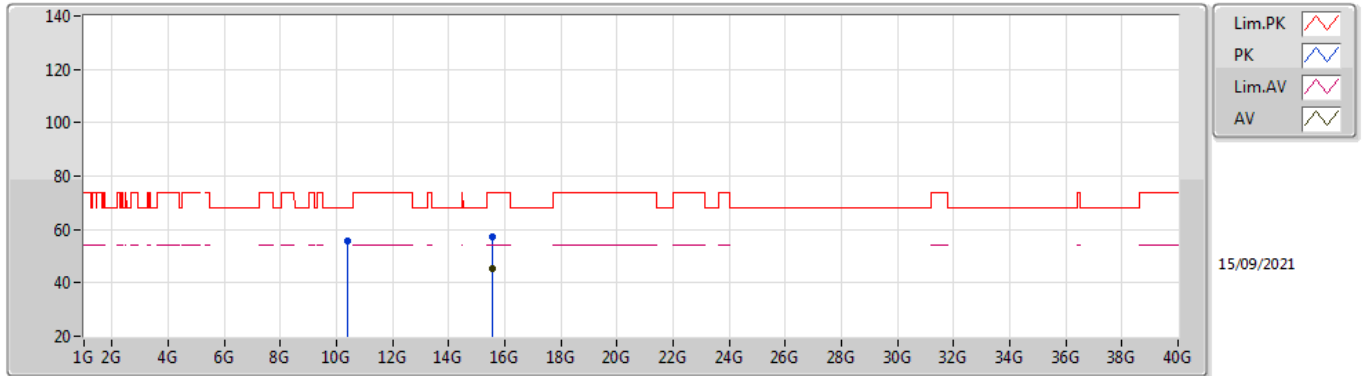
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5715G	44.84	54.00	-9.16	15.30	3	Vertical	235	1.62	-	29.54	38.11	12.13	34.94
PK	10.37936G	55.89	68.20	-12.31	13.63	3	Vertical	24	3.00	-	42.26	39.64	9.00	35.01
PK	15.57354G	56.30	74.00	-17.70	15.31	3	Vertical	235	1.62	-	40.99	38.11	12.14	34.94

802.11ax HEW40_Nss1,(MCS0)_4TX

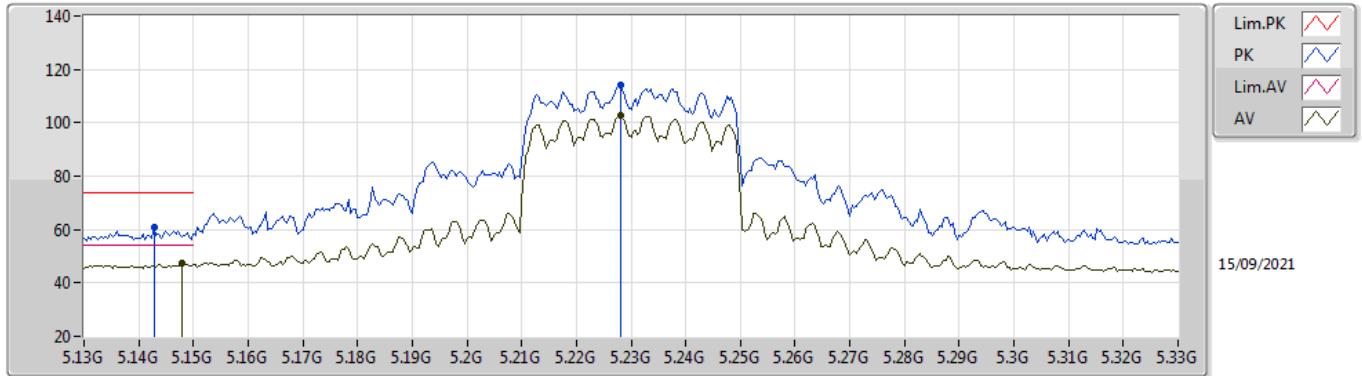
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5745G	45.14	54.00	-8.86	15.30	3	Horizontal	360	2.22	-	29.84	38.10	12.14	34.94
PK	10.3814G	55.54	68.20	-12.66	13.63	3	Horizontal	137	1.50	-	41.91	39.64	9.00	35.01
PK	15.56888G	57.45	74.00	-16.55	15.31	3	Horizontal	360	2.22	-	42.14	38.12	12.13	34.94

802.11ax HEW40_Nss1,(MCS0)_4TX

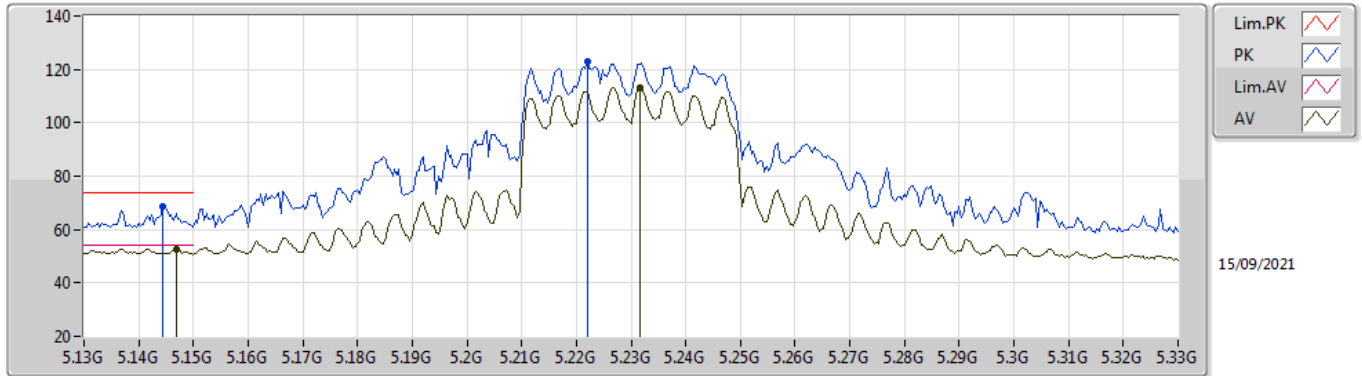
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.148G	47.16	54.00	-6.84	4.01	3	Vertical	120	2.55	-	43.15	31.90	6.87	34.76
AV	5.228G	102.59	Inf	-Inf	3.75	3	Vertical	120	2.55	-	98.84	31.59	6.92	34.76
PK	5.1428G	60.96	74.00	-13.04	4.01	3	Vertical	120	2.55	-	56.95	31.90	6.87	34.76
PK	5.228G	114.20	Inf	-Inf	3.75	3	Vertical	120	2.55	-	110.45	31.59	6.92	34.76

802.11ax HEW40_Nss1,(MCS0)_4TX

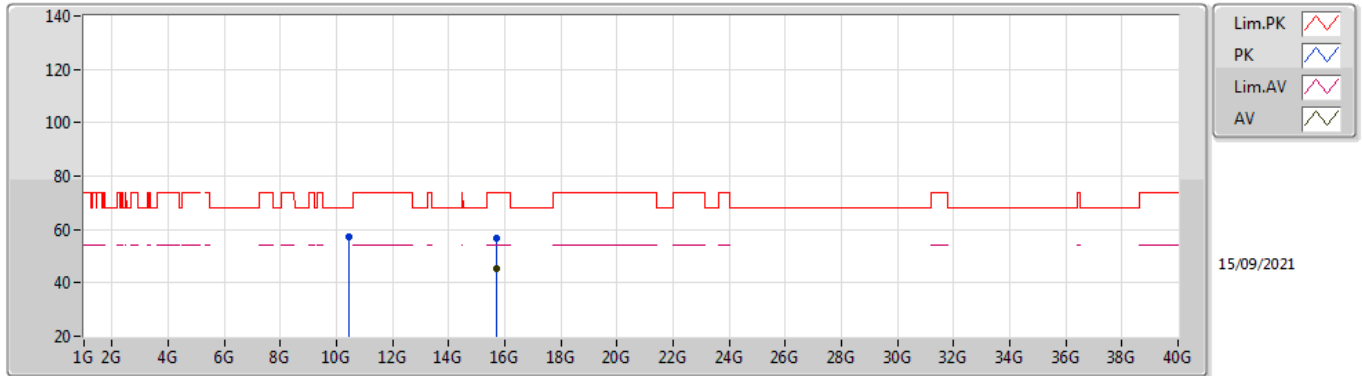
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1468G	52.76	54.00	-1.24	4.01	3	Horizontal	338	1.14	-	48.75	31.90	6.87	34.76
AV	5.2316G	113.29	Inf	-Inf	3.74	3	Horizontal	338	1.14	-	109.55	31.57	6.93	34.76
PK	5.1444G	68.51	74.00	-5.49	4.01	3	Horizontal	338	1.14	-	64.50	31.90	6.87	34.76
PK	5.222G	122.83	Inf	-Inf	3.77	3	Horizontal	338	1.14	-	119.06	31.61	6.92	34.76

802.11ax HEW40_Nss1,(MCS0)_4TX

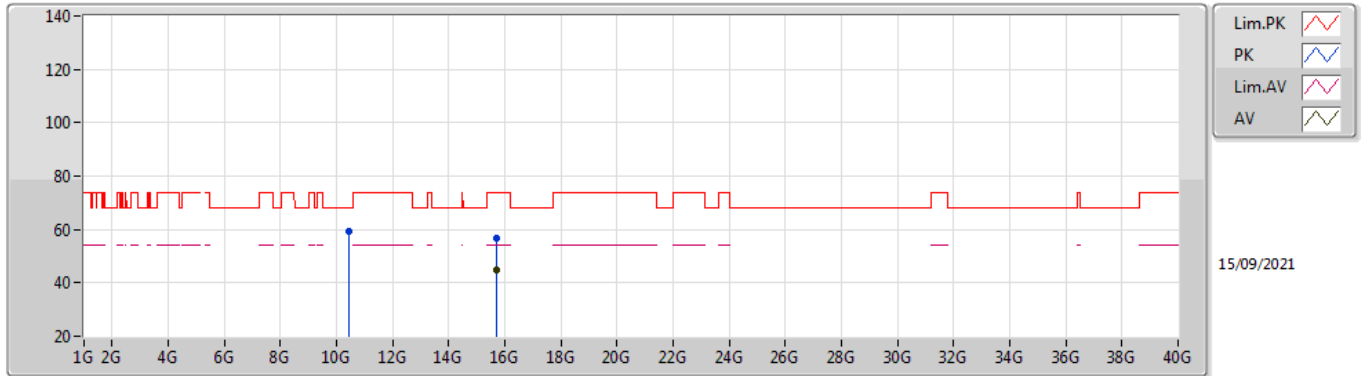
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.691G	45.20	54.00	-8.80	14.97	3	Vertical	36	1.50	-	30.23	37.73	12.25	35.01
PK	10.45882G	57.44	68.20	-10.76	13.96	3	Vertical	120	2.33	-	43.48	39.88	9.02	34.94
PK	15.69424G	56.96	74.00	-17.04	14.97	3	Vertical	36	1.50	-	41.99	37.72	12.26	35.01

802.11ax HEW40_Nss1,(MCS0)_4TX

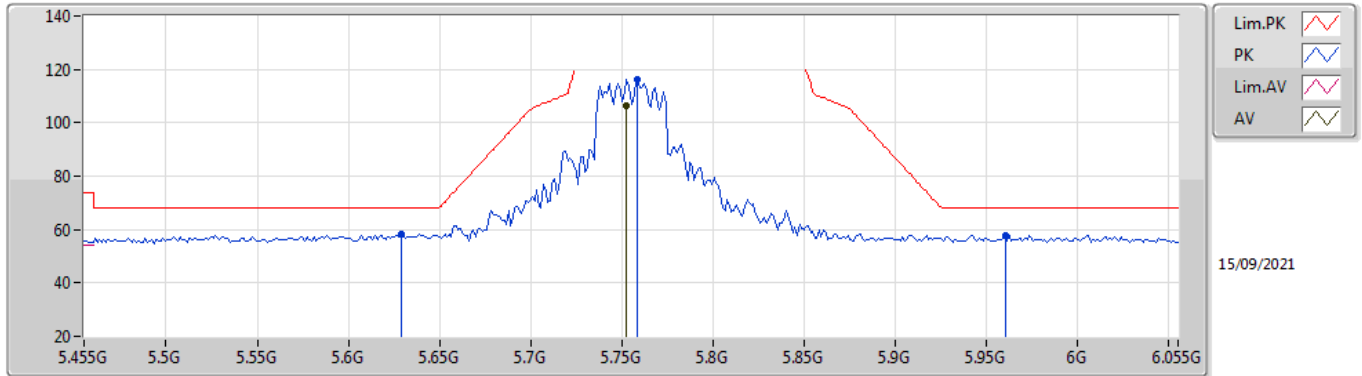
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68608G	45.00	54.00	-9.00	14.98	3	Horizontal	211	1.50	-	30.02	37.74	12.25	35.01
PK	10.46236G	59.46	68.20	-8.74	13.98	3	Horizontal	142	1.01	-	45.48	39.89	9.02	34.93
PK	15.69274G	56.98	74.00	-17.02	14.96	3	Horizontal	211	1.50	-	42.02	37.72	12.25	35.01

802.11ax HEW40_Nss1,(MCS0)_4TX

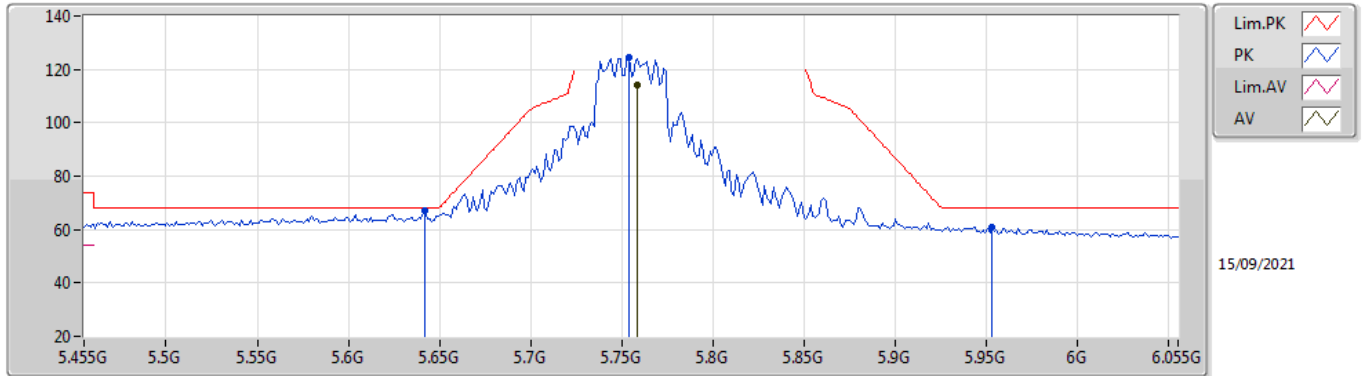
5755MHz_TX



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	5.7526G	106.41	Inf	-Inf	4.17	3	Vertical	127	3.00	-	102.24	32.01	6.93	34.77
PK	5.629G	58.02	68.20	-10.18	3.91	3	Vertical	127	3.00	-	54.11	31.70	6.98	34.77
PK	5.7586G	116.45	Inf	-Inf	4.18	3	Vertical	127	3.00	-	112.27	32.02	6.93	34.77
PK	5.9602G	57.92	68.20	-10.28	5.24	3	Vertical	127	3.00	-	52.68	32.40	7.61	34.77

802.11ax HEW40_Nss1,(MCS0)_4TX

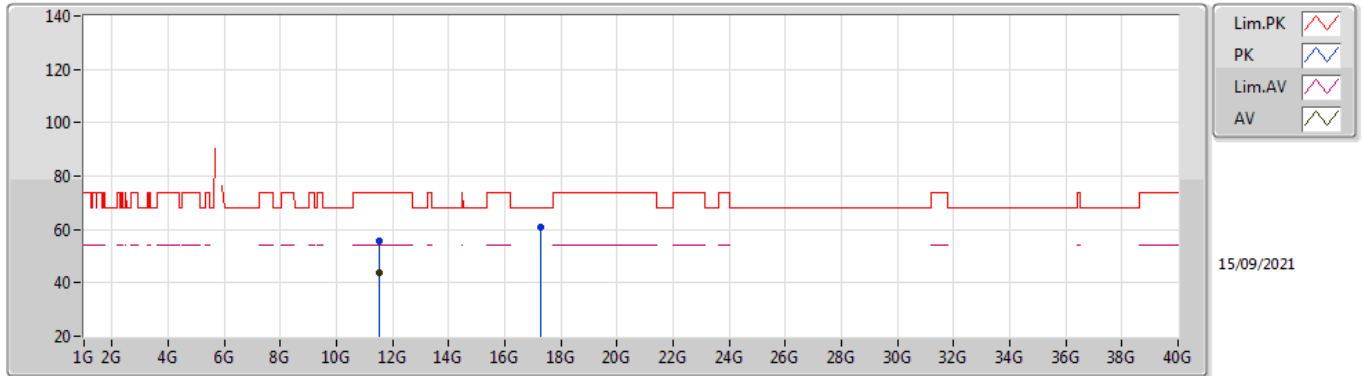
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7586G	114.20	Inf	-Inf	4.18	3	Horizontal	18	1.00	-	110.02	32.02	6.93	34.77
PK	5.6422G	67.10	68.20	-1.10	3.90	3	Horizontal	18	1.00	-	63.20	31.70	6.97	34.77
PK	5.7538G	124.23	Inf	-Inf	4.17	3	Horizontal	18	1.00	-	120.06	32.01	6.93	34.77
PK	5.953G	61.05	68.20	-7.15	5.21	3	Horizontal	18	1.00	-	55.84	32.40	7.58	34.77

802.11ax HEW40_Nss1,(MCS0)_4TX

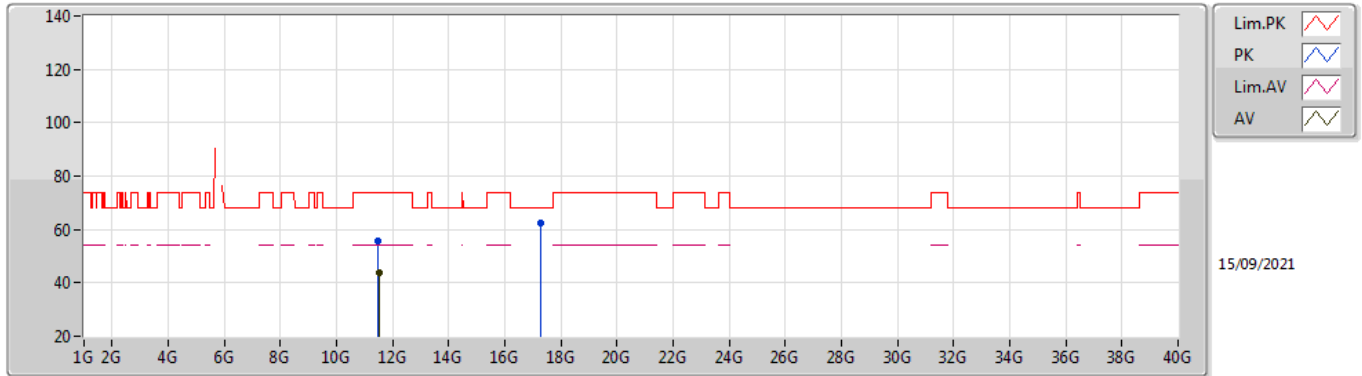
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.52272G	43.74	54.00	-10.26	14.65	3	Vertical	0	1.20	-	29.09	39.90	9.37	34.62
PK	11.50346G	55.46	74.00	-18.54	14.66	3	Vertical	0	1.20	-	40.80	39.90	9.37	34.61
PK	17.2593G	60.90	68.20	-7.30	18.44	3	Vertical	344	2.16	-	42.46	39.80	12.93	34.29

802.11ax HEW40_Nss1,(MCS0)_4TX

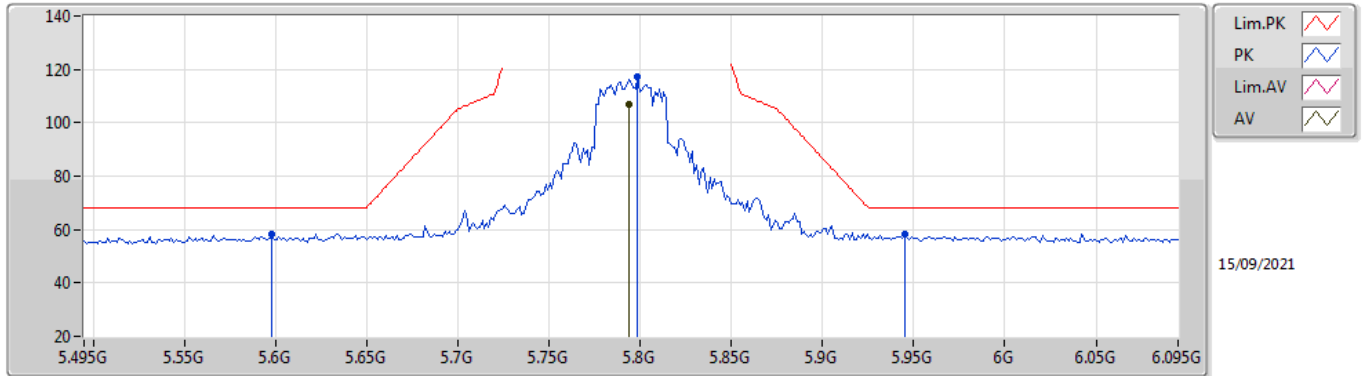
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.51198G	43.70	54.00	-10.30	14.66	3	Horizontal	206	2.27	-	29.04	39.90	9.37	34.61
PK	11.4953G	55.53	74.00	-18.47	14.65	3	Horizontal	206	2.27	-	40.88	39.90	9.36	34.61
PK	17.25786G	62.53	68.20	-5.67	18.43	3	Horizontal	60	1.00	-	44.10	39.80	12.92	34.29

802.11ax HEW40_Nss1,(MCS0)_4TX

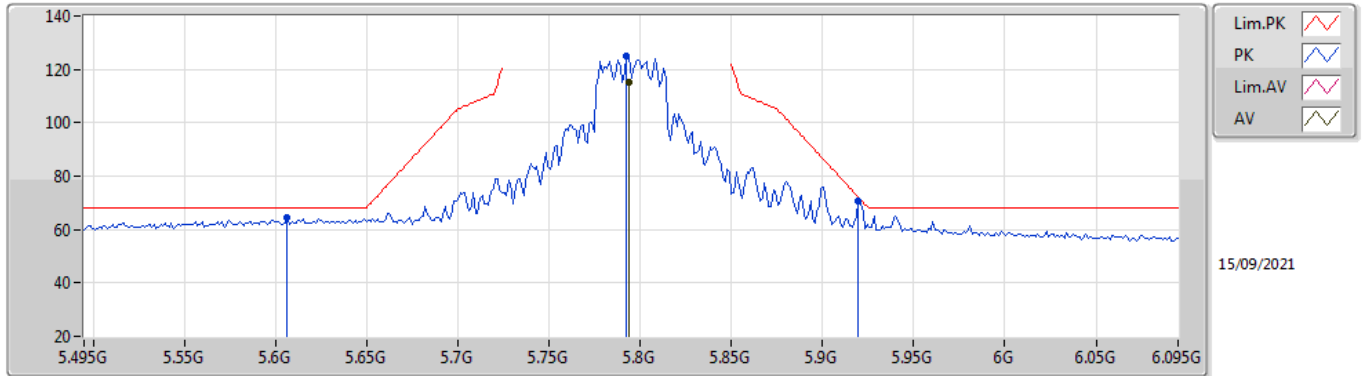
5795MHz_TX



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	5.7938G	106.84	Inf	-Inf	4.23	3	Vertical	108	2.79	-	102.61	32.09	6.91	34.77
PK	5.5982G	58.33	68.20	-9.87	3.92	3	Vertical	108	2.79	-	54.41	31.70	6.99	34.77
PK	5.7986G	117.15	Inf	-Inf	4.24	3	Vertical	108	2.79	-	112.91	32.10	6.91	34.77
PK	5.945G	58.28	68.20	-9.92	5.17	3	Vertical	108	2.79	-	53.11	32.39	7.55	34.77

802.11ax HEW40_Nss1,(MCS0)_4TX

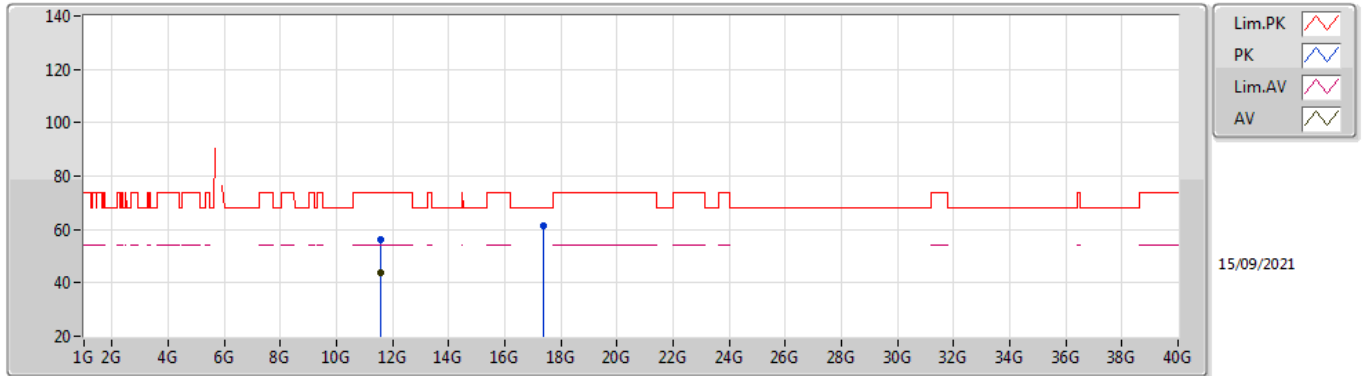
5795MHz_TX



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	5.7938G	115.10	Inf	-Inf	4.23	3	Horizontal	16	1.00	-	110.87	32.09	6.91	34.77
PK	5.6066G	64.26	68.20	-3.94	3.92	3	Horizontal	16	1.00	-	60.34	31.70	6.99	34.77
PK	5.7926G	125.02	Inf	-Inf	4.23	3	Horizontal	16	1.00	-	120.79	32.09	6.91	34.77
PK	5.9198G	70.74	72.05	-1.31	5.01	3	Horizontal	16	1.00	-	65.73	32.34	7.44	34.77

802.11ax HEW40_Nss1,(MCS0)_4TX

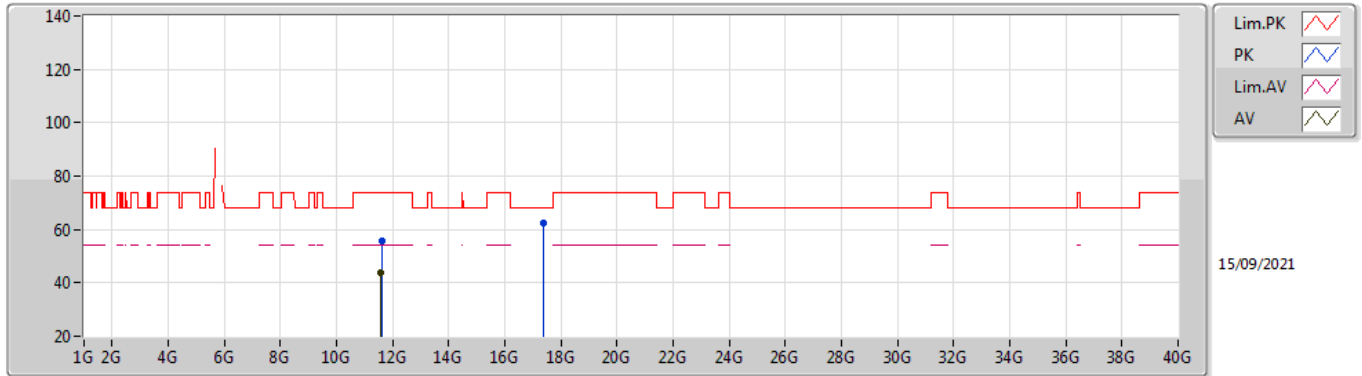
5795MHz_TX



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	11.5774G	44.04	54.00	-9.96	14.66	3	Vertical	118	1.07	-	29.38	39.90	9.39	34.63
PK	11.57566G	56.07	74.00	-17.93	14.66	3	Vertical	118	1.07	-	41.41	39.90	9.39	34.63
PK	17.39178G	61.37	68.20	-6.83	19.13	3	Vertical	0	1.50	-	42.24	40.63	12.96	34.46

802.11ax HEW40_Nss1,(MCS0)_4TX

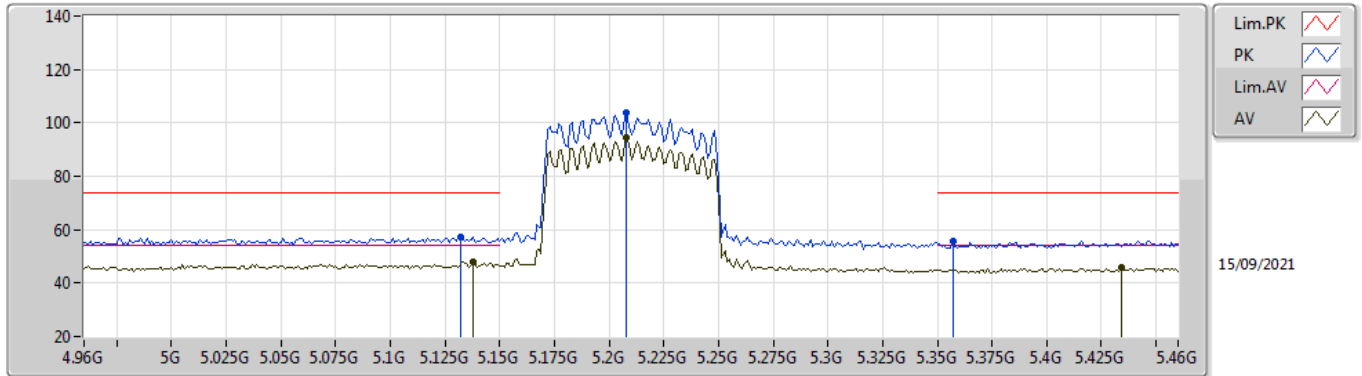
5795MHz_TX



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	11.59468G	44.03	54.00	-9.97	14.66	3	Horizontal	258	2.72	-	29.37	39.90	9.40	34.64
PK	11.60176G	55.78	74.00	-18.22	14.65	3	Horizontal	258	2.72	-	41.13	39.89	9.40	34.64
PK	17.37462G	62.20	68.20	-6.00	18.99	3	Horizontal	342	1.01	-	43.21	40.47	12.96	34.44

802.11ax HEW80_Nss1,(MCS0)_4TX

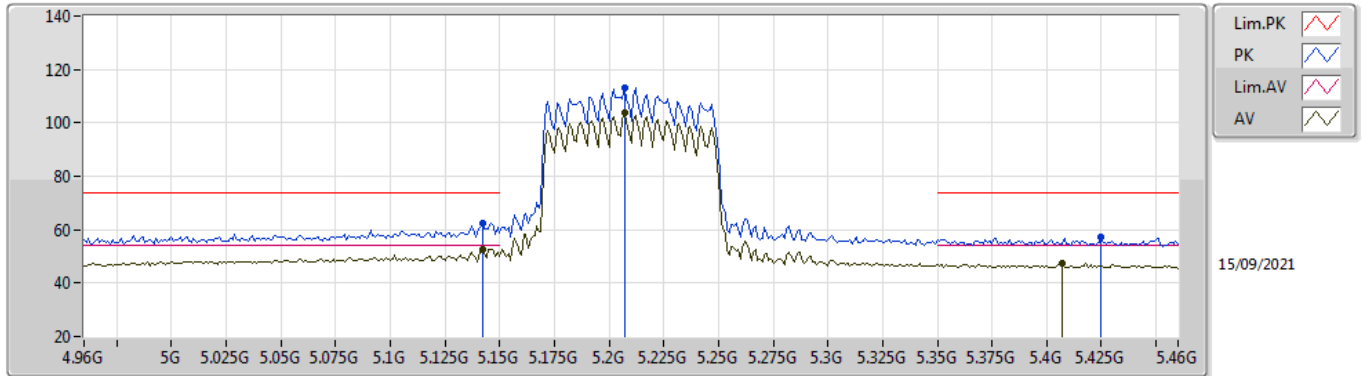
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.138G	48.17	54.00	-5.83	4.01	3	Vertical	122	2.72	-	44.16	31.90	6.87	34.76
AV	5.208G	94.51	Inf	-Inf	3.81	3	Vertical	122	2.72	-	90.70	31.67	6.90	34.76
AV	5.434G	45.97	54.00	-8.03	3.87	3	Vertical	122	2.72	-	42.10	31.54	7.10	34.77
PK	5.132G	57.40	74.00	-16.60	4.00	3	Vertical	122	2.72	-	53.40	31.90	6.86	34.76
PK	5.208G	103.85	Inf	-Inf	3.81	3	Vertical	122	2.72	-	100.04	31.67	6.90	34.76
PK	5.357G	55.80	74.00	-18.20	3.53	3	Vertical	122	2.72	-	52.27	31.23	7.07	34.77

802.11ax HEW80_Nss1,(MCS0)_4TX

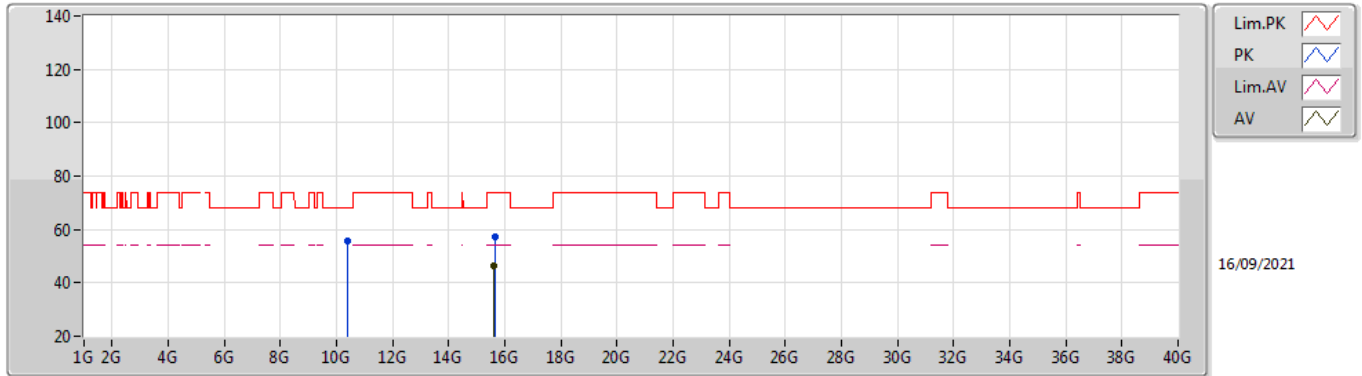
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.142G	52.69	54.00	-1.31	4.01	3	Horizontal	343	1.08	-	48.68	31.90	6.87	34.76
AV	5.207G	103.78	Inf	-Inf	3.81	3	Horizontal	343	1.08	-	99.97	31.67	6.90	34.76
AV	5.407G	47.43	54.00	-6.57	3.78	3	Horizontal	343	1.08	-	43.65	31.43	7.12	34.77
PK	5.142G	62.22	74.00	-11.78	4.01	3	Horizontal	343	1.08	-	58.21	31.90	6.87	34.76
PK	5.207G	113.21	Inf	-Inf	3.81	3	Horizontal	343	1.08	-	109.40	31.67	6.90	34.76
PK	5.425G	57.50	74.00	-16.50	3.83	3	Horizontal	343	1.08	-	53.67	31.50	7.10	34.77

802.11ax HEW80_Nss1,(MCS0)_4TX

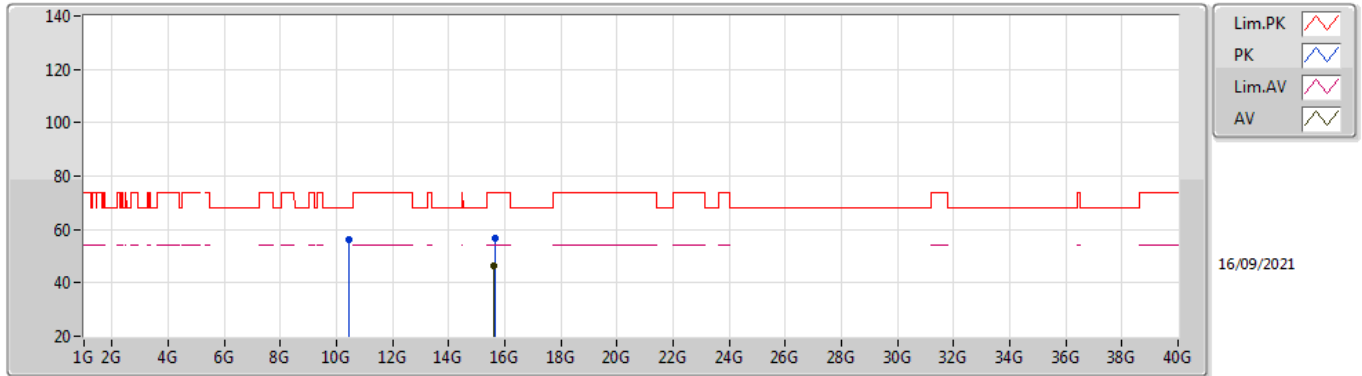
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.62934G	46.58	54.00	-7.42	15.12	3	Vertical	294	1.50	-	31.46	37.91	12.19	34.98
PK	10.41676G	55.87	68.20	-12.33	13.78	3	Vertical	80	1.87	-	42.09	39.75	9.01	34.98
PK	15.63642G	57.31	74.00	-16.69	15.11	3	Vertical	294	1.50	-	42.20	37.89	12.20	34.98

802.11ax HEW80_Nss1,(MCS0)_4TX

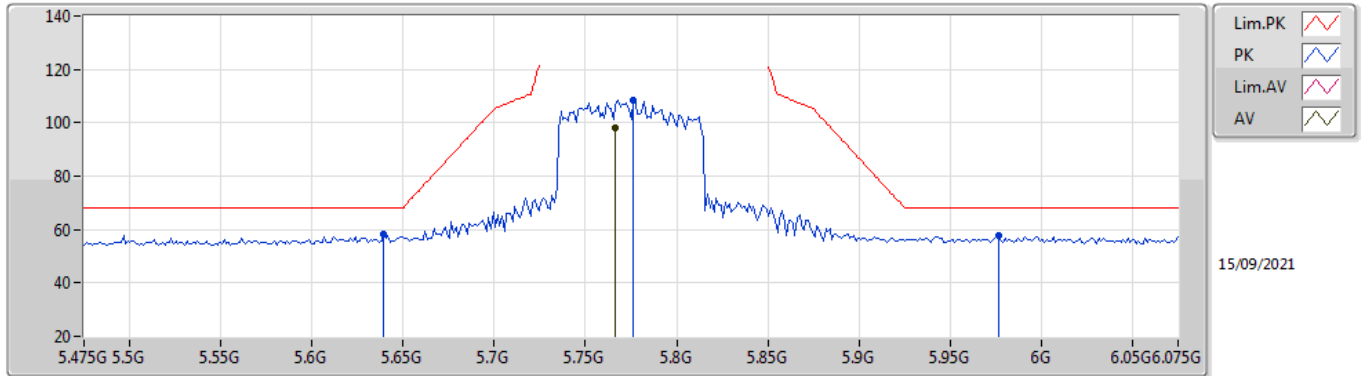
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6201G	46.59	54.00	-7.41	15.15	3	Horizontal	117	1.51	-	31.44	37.94	12.18	34.97
PK	10.4215G	56.28	68.20	-11.92	13.80	3	Horizontal	321	1.50	-	42.48	39.76	9.01	34.97
PK	15.63966G	56.90	74.00	-17.10	15.10	3	Horizontal	117	1.51	-	41.80	37.88	12.20	34.98

802.11ax HEW80_Nss1,(MCS0)_4TX

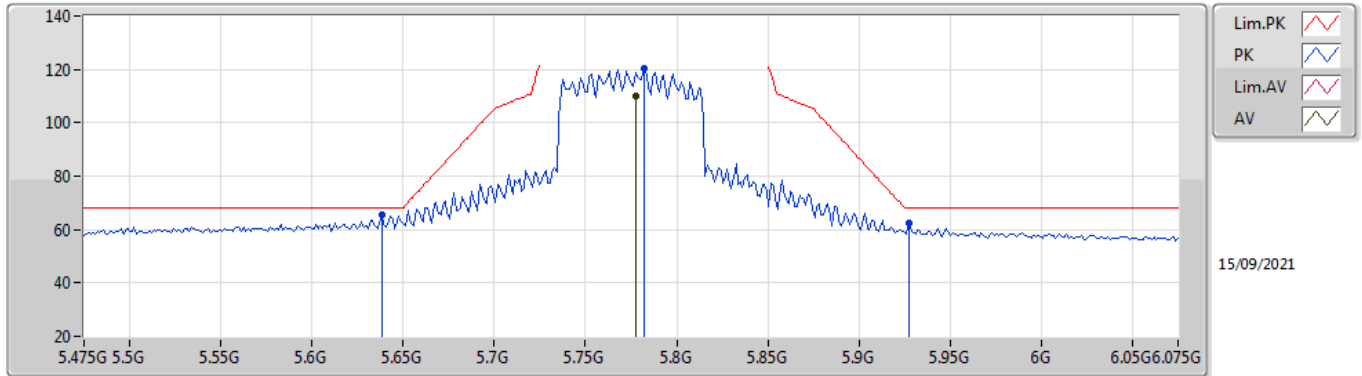
5775MHz_TX



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	5.7666G	98.15	Inf	-Inf	4.18	3	Vertical	118	2.95	-	93.97	32.03	6.92	34.77
PK	5.6394G	58.35	68.20	-9.85	3.90	3	Vertical	118	2.95	-	54.45	31.70	6.97	34.77
PK	5.7762G	108.57	Inf	-Inf	4.20	3	Vertical	118	2.95	-	104.37	32.05	6.92	34.77
PK	5.9766G	57.96	68.20	-10.24	5.32	3	Vertical	118	2.95	-	52.64	32.40	7.69	34.77

802.11ax HEW80_Nss1,(MCS0)_4TX

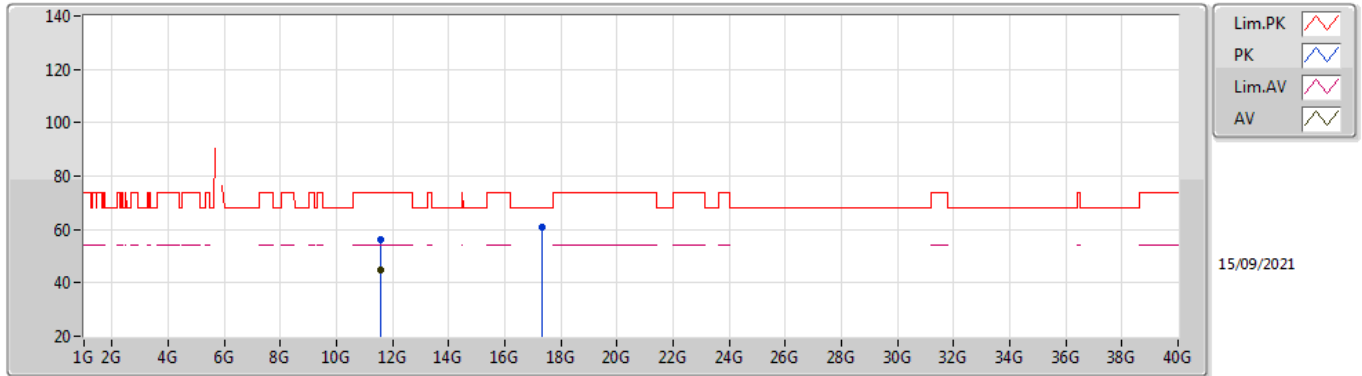
5775MHz_TX



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	5.7774G	109.92	Inf	-Inf	4.20	3	Horizontal	21	1.04	-	105.72	32.05	6.92	34.77
PK	5.6382G	65.48	68.20	-2.72	3.90	3	Horizontal	21	1.04	-	61.58	31.70	6.97	34.77
PK	5.7822G	120.19	Inf	-Inf	4.21	3	Horizontal	21	1.04	-	115.98	32.06	6.92	34.77
PK	5.9274G	62.28	68.20	-5.92	5.05	3	Horizontal	21	1.04	-	57.23	32.35	7.47	34.77

802.11ax HEW80_Nss1,(MCS0)_4TX

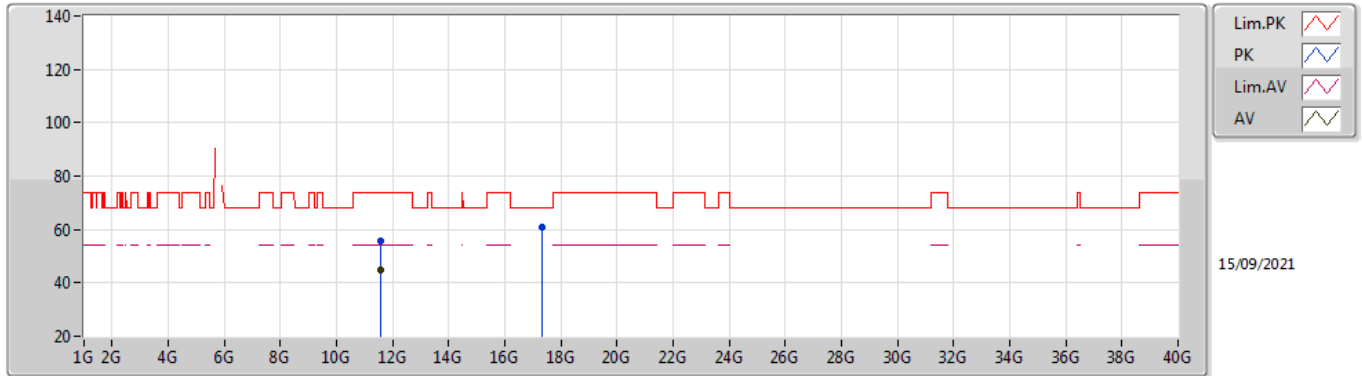
5775MHz_TX



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	11.56296G	44.92	54.00	-9.08	14.66	3	Vertical	119	2.56	-	30.26	39.90	9.39	34.63
PK	11.55648G	56.03	74.00	-17.97	14.65	3	Vertical	119	2.56	-	41.38	39.90	9.38	34.63
PK	17.33616G	61.05	68.20	-7.15	18.69	3	Vertical	243	1.87	-	42.36	40.13	12.95	34.39

802.11ax HEW80_Nss1,(MCS0)_4TX

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	11.55312G	44.84	54.00	-9.16	14.66	3	Horizontal	190	1.03	-	30.18	39.90	9.38	34.62
PK	11.55516G	55.80	74.00	-18.20	14.65	3	Horizontal	190	1.03	-	41.15	39.90	9.38	34.63
PK	17.3193G	60.75	68.20	-7.45	18.54	3	Horizontal	254	2.30	-	42.21	39.97	12.94	34.37



Summary

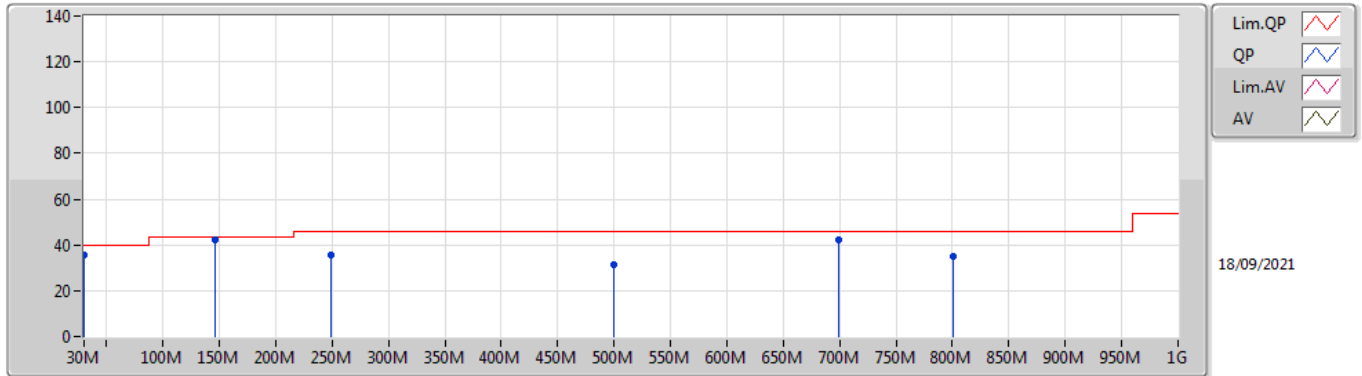
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	QP	143.19M	42.46	43.50	-1.04	3	Horizontal	283	1.08	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	30M	35.36	40.00	-4.64	3	Vertical	0	1.00	-
5775MHz	Pass	PK	249.22M	35.66	46.00	-10.34	3	Vertical	0	1.00	-
5775MHz	Pass	PK	499.48M	31.37	46.00	-14.63	3	Vertical	0	1.00	-
5775MHz	Pass	PK	699.3M	42.53	46.00	-3.47	3	Vertical	0	1.00	-
5775MHz	Pass	PK	800.18M	35.07	46.00	-10.93	3	Vertical	0	1.00	-
5775MHz	Pass	QP	146.4M	42.34	43.50	-1.16	3	Vertical	5	1.12	-
5775MHz	Pass	PK	78.5M	33.95	40.00	-6.05	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	299.66M	34.16	46.00	-11.84	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	499.48M	30.75	46.00	-15.25	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	800.18M	38.37	46.00	-7.63	3	Horizontal	360	1.00	-
5775MHz	Pass	QP	143.19M	42.46	43.50	-1.04	3	Horizontal	283	1.08	-
5775MHz	Pass	QP	699.3M	42.36	46.00	-3.64	3	Horizontal	237	1.16	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

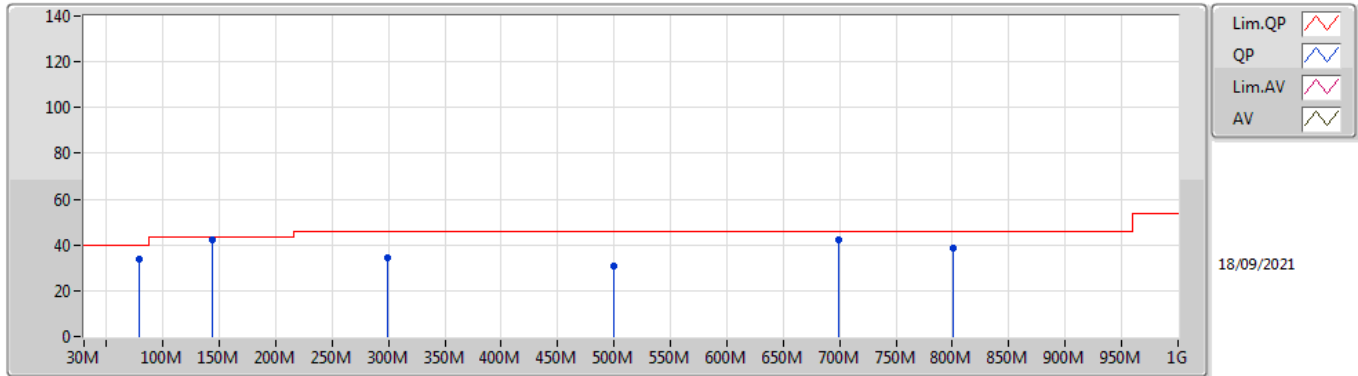
5775MHz_Test fixture



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	35.36	40.00	-4.64	-12.86	3	Vertical	0	1.00	-	48.22	23.73	0.56	37.15
PK	249.22M	35.66	46.00	-10.34	-17.21	3	Vertical	0	1.00	-	52.87	17.68	1.50	36.39
PK	499.48M	31.37	46.00	-14.63	-11.65	3	Vertical	0	1.00	-	43.02	23.11	2.23	36.99
PK	699.3M	42.53	46.00	-3.47	-8.82	3	Vertical	0	1.00	-	51.35	25.79	2.68	37.29
PK	800.18M	35.07	46.00	-10.93	-7.53	3	Vertical	0	1.00	-	42.60	27.20	2.75	37.48
QP	146.4M	42.34	43.50	-1.16	-18.78	3	Vertical	5	1.12	-	61.12	16.43	1.19	36.40

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_Test fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	78.5M	33.95	40.00	-6.05	-23.54	3	Horizontal	360	1.00	-	57.49	12.46	0.88	36.88
PK	299.66M	34.16	46.00	-11.84	-16.39	3	Horizontal	360	1.00	-	50.55	18.38	1.67	36.44
PK	499.48M	30.75	46.00	-15.25	-11.65	3	Horizontal	360	1.00	-	42.40	23.11	2.23	36.99
PK	800.18M	38.37	46.00	-7.63	-7.53	3	Horizontal	360	1.00	-	45.90	27.20	2.75	37.48
QP	143.19M	42.46	43.50	-1.04	-18.69	3	Horizontal	283	1.08	-	61.15	16.53	1.18	36.40
QP	699.3M	42.36	46.00	-3.64	-8.82	3	Horizontal	237	1.16	-	51.18	25.79	2.68	37.29

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1498G	52.47	54.00	-1.53	3	Horizontal	341	1.15	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	52.33	54.00	-1.67	3	Horizontal	357	1.07	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	52.80	54.00	-1.20	3	Horizontal	351	1.15	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	17.22456G	65.15	68.20	-3.05	3	Horizontal	38	1.02	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.647G	66.70	68.20	-1.50	3	Horizontal	5	1.04	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6478G	66.97	68.20	-1.23	3	Horizontal	7	1.09	-

Result

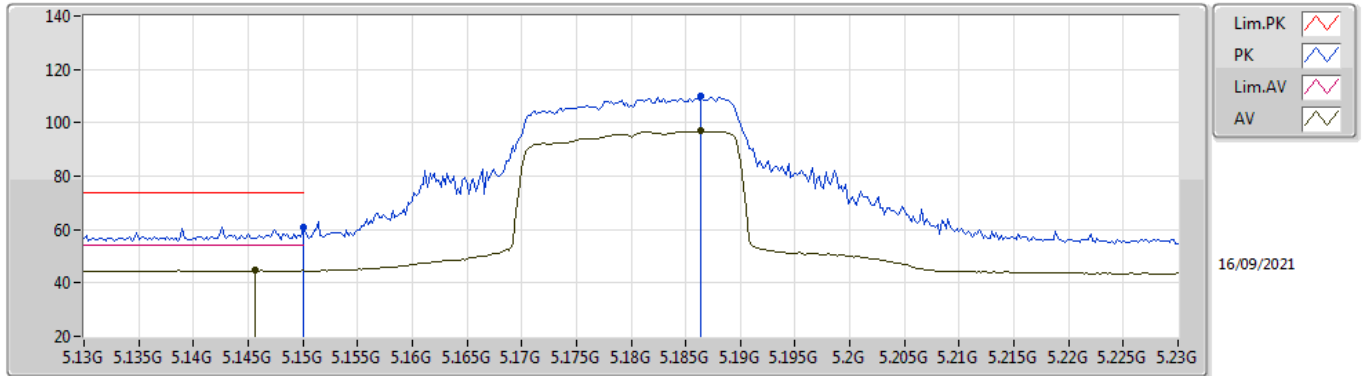
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1456G	44.63	54.00	-9.37	3	Vertical	133	1.68	-
5180MHz	Pass	AV	5.1864G	96.87	Inf	-Inf	3	Vertical	133	1.68	-
5180MHz	Pass	PK	5.15G	60.92	74.00	-13.08	3	Vertical	133	1.68	-
5180MHz	Pass	PK	5.1864G	109.78	Inf	-Inf	3	Vertical	133	1.68	-
5180MHz	Pass	AV	5.1498G	52.47	54.00	-1.53	3	Horizontal	341	1.15	-
5180MHz	Pass	AV	5.1716G	112.17	Inf	-Inf	3	Horizontal	341	1.15	-
5180MHz	Pass	PK	5.148G	71.16	74.00	-2.84	3	Horizontal	341	1.15	-
5180MHz	Pass	PK	5.1792G	123.73	Inf	-Inf	3	Horizontal	341	1.15	-
5180MHz	Pass	AV	15.54238G	43.53	54.00	-10.47	3	Vertical	301	1.50	-
5180MHz	Pass	PK	10.36204G	57.09	68.20	-11.11	3	Vertical	123	1.07	-
5180MHz	Pass	PK	15.54098G	56.52	74.00	-17.48	3	Vertical	301	1.50	-
5180MHz	Pass	AV	15.54243G	43.52	54.00	-10.48	3	Horizontal	338	2.78	-
5180MHz	Pass	PK	10.35905G	58.70	68.20	-9.50	3	Horizontal	150	1.00	-
5180MHz	Pass	PK	15.53892G	56.57	74.00	-17.43	3	Horizontal	338	2.78	-
5200MHz	Pass	AV	5.1148G	46.12	54.00	-7.88	3	Vertical	120	2.52	-
5200MHz	Pass	AV	5.2012G	105.40	Inf	-Inf	3	Vertical	120	2.52	-
5200MHz	Pass	PK	5.1492G	60.55	74.00	-13.45	3	Vertical	120	2.52	-
5200MHz	Pass	PK	5.2024G	117.58	Inf	-Inf	3	Vertical	120	2.52	-
5200MHz	Pass	AV	5.1496G	51.38	54.00	-2.62	3	Horizontal	25	1.00	-
5200MHz	Pass	AV	5.2048G	113.98	Inf	-Inf	3	Horizontal	25	1.00	-
5200MHz	Pass	PK	5.1456G	67.54	74.00	-6.46	3	Horizontal	25	1.00	-
5200MHz	Pass	PK	5.2076G	124.98	Inf	-Inf	3	Horizontal	25	1.00	-
5200MHz	Pass	AV	15.59558G	43.54	54.00	-10.46	3	Vertical	150.1	1.50	-
5200MHz	Pass	PK	10.40144G	57.81	68.20	-10.39	3	Vertical	119	2.72	-
5200MHz	Pass	PK	15.59792G	56.45	74.00	-17.55	3	Vertical	150.1	1.50	-
5200MHz	Pass	AV	15.6048G	43.49	54.00	-10.51	3	Horizontal	248	1.50	-
5200MHz	Pass	PK	10.4021G	59.91	68.20	-8.29	3	Horizontal	162	1.11	-
5200MHz	Pass	PK	15.5972G	56.37	74.00	-17.63	3	Horizontal	248	1.50	-
5240MHz	Pass	AV	5.15G	49.01	54.00	-4.99	3	Vertical	27	1.50	-
5240MHz	Pass	AV	5.243G	104.49	Inf	-Inf	3	Vertical	27	1.50	-
5240MHz	Pass	AV	5.3504G	46.92	54.00	-7.08	3	Vertical	27	1.50	-
5240MHz	Pass	PK	5.0936G	61.22	74.00	-12.78	3	Vertical	27	1.50	-
5240MHz	Pass	PK	5.2478G	118.45	Inf	-Inf	3	Vertical	27	1.50	-
5240MHz	Pass	PK	5.384G	58.81	74.00	-15.19	3	Vertical	27	1.50	-
5240MHz	Pass	AV	5.129G	51.70	54.00	-2.30	3	Horizontal	24	1.04	-
5240MHz	Pass	AV	5.234G	113.22	Inf	-Inf	3	Horizontal	24	1.04	-
5240MHz	Pass	AV	5.351G	50.14	54.00	-3.86	3	Horizontal	24	1.04	-
5240MHz	Pass	PK	5.1278G	64.28	74.00	-9.72	3	Horizontal	24	1.04	-
5240MHz	Pass	PK	5.231G	124.54	Inf	-Inf	3	Horizontal	24	1.04	-
5240MHz	Pass	PK	5.351G	61.53	74.00	-12.47	3	Horizontal	24	1.04	-
5240MHz	Pass	AV	15.70644G	44.51	54.00	-9.49	3	Vertical	263	1.50	-
5240MHz	Pass	PK	10.46986G	56.93	68.20	-11.27	3	Vertical	129	2.41	-
5240MHz	Pass	PK	15.71424G	57.99	74.00	-16.01	3	Vertical	263	1.50	-
5240MHz	Pass	AV	15.7194G	44.44	54.00	-9.56	3	Horizontal	260	1.50	-
5240MHz	Pass	PK	10.4724G	61.64	68.20	-6.56	3	Horizontal	130	1.00	-
5240MHz	Pass	PK	15.70734G	57.60	74.00	-16.40	3	Horizontal	260	1.50	-
5745MHz	Pass	AV	5.7534G	107.97	Inf	-Inf	3	Vertical	103	2.95	-
5745MHz	Pass	PK	5.6394G	58.93	68.20	-9.27	3	Vertical	103	2.95	-
5745MHz	Pass	PK	5.7522G	119.24	Inf	-Inf	3	Vertical	103	2.95	-
5745MHz	Pass	PK	5.9802G	57.65	68.20	-10.55	3	Vertical	103	2.95	-
5745MHz	Pass	AV	5.7378G	111.60	Inf	-Inf	3	Horizontal	15	1.50	-
5745MHz	Pass	PK	5.6022G	62.53	68.20	-5.67	3	Horizontal	15	1.50	-
5745MHz	Pass	PK	5.739G	123.40	Inf	-Inf	3	Horizontal	15	1.50	-
5745MHz	Pass	PK	5.9478G	59.20	68.20	-9.00	3	Horizontal	15	1.50	-
5745MHz	Pass	AV	11.49468G	42.74	54.00	-11.26	3	Vertical	37	1.80	-
5745MHz	Pass	PK	11.47944G	56.00	74.00	-18.00	3	Vertical	37	1.80	-
5745MHz	Pass	PK	17.2359G	61.22	68.20	-6.98	3	Vertical	314	2.50	-
5745MHz	Pass	AV	11.4897G	42.80	54.00	-11.20	3	Horizontal	185	1.50	-
5745MHz	Pass	PK	11.50212G	56.27	74.00	-17.73	3	Horizontal	185	1.50	-
5745MHz	Pass	PK	17.22456G	65.15	68.20	-3.05	3	Horizontal	38	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7862G	106.06	Inf	-Inf	3	Vertical	138	2.93	-
5785MHz	Pass	PK	5.5222G	57.90	68.20	-10.30	3	Vertical	138	2.93	-
5785MHz	Pass	PK	5.7838G	118.40	Inf	-Inf	3	Vertical	138	2.93	-
5785MHz	Pass	PK	5.959G	57.47	68.20	-10.73	3	Vertical	138	2.93	-
5785MHz	Pass	AV	5.7778G	114.12	Inf	-Inf	3	Horizontal	9	1.05	-
5785MHz	Pass	PK	5.6386G	63.18	68.20	-5.02	3	Horizontal	9	1.05	-
5785MHz	Pass	PK	5.7898G	125.29	Inf	-Inf	3	Horizontal	9	1.05	-
5785MHz	Pass	PK	5.9482G	61.83	68.20	-6.37	3	Horizontal	9	1.05	-
5785MHz	Pass	AV	11.56778G	42.69	54.00	-11.31	3	Vertical	298	2.11	-
5785MHz	Pass	PK	11.56484G	55.85	74.00	-18.15	3	Vertical	298	2.11	-
5785MHz	Pass	PK	17.35284G	61.78	68.20	-6.42	3	Vertical	180	2.68	-
5785MHz	Pass	AV	11.57612G	42.80	54.00	-11.20	3	Horizontal	71	2.71	-
5785MHz	Pass	PK	11.56004G	56.35	74.00	-17.65	3	Horizontal	71	2.71	-
5785MHz	Pass	PK	17.3583G	65.14	68.20	-3.06	3	Horizontal	53	1.00	-
5825MHz	Pass	AV	5.819G	107.11	Inf	-Inf	3	Vertical	128	2.75	-
5825MHz	Pass	PK	5.615G	57.96	68.20	-10.24	3	Vertical	128	2.75	-
5825MHz	Pass	PK	5.8178G	118.69	Inf	-Inf	3	Vertical	128	2.75	-
5825MHz	Pass	PK	5.993G	57.98	68.20	-10.22	3	Vertical	128	2.75	-
5825MHz	Pass	AV	5.8226G	114.04	Inf	-Inf	3	Horizontal	20	1.04	-
5825MHz	Pass	PK	5.5922G	62.20	68.20	-6.00	3	Horizontal	20	1.04	-
5825MHz	Pass	PK	5.825G	124.84	Inf	-Inf	3	Horizontal	20	1.04	-
5825MHz	Pass	PK	5.9474G	60.79	68.20	-7.41	3	Horizontal	20	1.04	-
5825MHz	Pass	AV	11.65016G	42.35	54.00	-11.65	3	Vertical	289	1.00	-
5825MHz	Pass	PK	11.64586G	55.13	74.00	-18.87	3	Vertical	289	1.00	-
5825MHz	Pass	PK	17.47266G	62.17	68.20	-6.03	3	Vertical	342	1.99	-
5825MHz	Pass	AV	11.65022G	42.18	54.00	-11.82	3	Horizontal	92	3.00	-
5825MHz	Pass	PK	11.64816G	55.74	74.00	-18.26	3	Horizontal	92	3.00	-
5825MHz	Pass	PK	17.47288G	62.98	68.20	-5.22	3	Horizontal	108	1.18	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	45.46	54.00	-8.54	3	Vertical	131	2.92	-
5190MHz	Pass	AV	5.1948G	96.01	Inf	-Inf	3	Vertical	131	2.92	-
5190MHz	Pass	PK	5.1488G	58.68	74.00	-15.32	3	Vertical	131	2.92	-
5190MHz	Pass	PK	5.1932G	108.56	Inf	-Inf	3	Vertical	131	2.92	-
5190MHz	Pass	AV	5.1492G	52.33	54.00	-1.67	3	Horizontal	357	1.07	-
5190MHz	Pass	AV	5.1816G	104.02	Inf	-Inf	3	Horizontal	357	1.07	-
5190MHz	Pass	PK	5.1476G	66.57	74.00	-7.43	3	Horizontal	357	1.07	-
5190MHz	Pass	PK	5.174G	115.94	Inf	-Inf	3	Horizontal	357	1.07	-
5190MHz	Pass	AV	15.551G	45.09	54.00	-8.91	3	Vertical	171	1.61	-
5190MHz	Pass	PK	10.3582G	56.08	68.20	-12.12	3	Vertical	144	1.50	-
5190MHz	Pass	PK	15.569G	57.70	74.00	-16.30	3	Vertical	171	1.61	-
5190MHz	Pass	AV	15.5628G	45.11	54.00	-8.89	3	Horizontal	321	2.41	-
5190MHz	Pass	PK	10.383G	55.78	68.20	-12.42	3	Horizontal	191	2.24	-
5190MHz	Pass	PK	15.5592G	59.34	74.00	-14.66	3	Horizontal	321	2.41	-
5230MHz	Pass	AV	5.1424G	45.91	54.00	-8.09	3	Vertical	138	2.65	-
5230MHz	Pass	AV	5.2432G	91.36	Inf	-Inf	3	Vertical	138	2.65	-
5230MHz	Pass	PK	5.1424G	59.92	74.00	-14.08	3	Vertical	138	2.65	-
5230MHz	Pass	PK	5.2332G	109.85	Inf	-Inf	3	Vertical	138	2.65	-
5230MHz	Pass	AV	5.1492G	52.10	54.00	-1.90	3	Horizontal	1	1.00	-
5230MHz	Pass	AV	5.2316G	111.53	Inf	-Inf	3	Horizontal	1	1.00	-
5230MHz	Pass	PK	5.1476G	67.44	74.00	-6.56	3	Horizontal	1	1.00	-
5230MHz	Pass	PK	5.2316G	123.06	Inf	-Inf	3	Horizontal	1	1.00	-
5230MHz	Pass	AV	15.6832G	44.98	54.00	-9.02	3	Vertical	0	2.01	-
5230MHz	Pass	PK	10.4395G	55.88	68.20	-12.32	3	Vertical	176	2.43	-
5230MHz	Pass	PK	15.7054G	57.84	74.00	-16.16	3	Vertical	0	2.01	-
5230MHz	Pass	AV	15.7127G	46.20	54.00	-7.80	3	Horizontal	124	1.02	-
5230MHz	Pass	PK	10.4555G	59.37	68.20	-8.83	3	Horizontal	342	1.48	-
5230MHz	Pass	PK	15.675G	59.73	74.00	-14.27	3	Horizontal	124	1.02	-
5755MHz	Pass	AV	5.7574G	102.78	Inf	-Inf	3	Vertical	109	2.62	-
5755MHz	Pass	PK	5.6026G	58.93	68.20	-9.27	3	Vertical	109	2.62	-
5755MHz	Pass	PK	5.7562G	113.82	Inf	-Inf	3	Vertical	109	2.62	-
5755MHz	Pass	PK	5.9494G	57.93	68.20	-10.27	3	Vertical	109	2.62	-
5755MHz	Pass	AV	5.7562G	113.31	Inf	-Inf	3	Horizontal	5	1.04	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	5.647G	66.70	68.20	-1.50	3	Horizontal	5	1.04	-
5755MHz	Pass	PK	5.7418G	124.88	Inf	-Inf	3	Horizontal	5	1.04	-
5755MHz	Pass	PK	5.9362G	60.84	68.20	-7.36	3	Horizontal	5	1.04	-
5755MHz	Pass	AV	11.5062G	43.29	54.00	-10.71	3	Vertical	209	1.50	-
5755MHz	Pass	PK	11.5102G	56.34	74.00	-17.66	3	Vertical	209	1.50	-
5755MHz	Pass	PK	17.2669G	61.03	68.20	-7.17	3	Vertical	128	2.05	-
5755MHz	Pass	AV	11.5327G	43.45	54.00	-10.55	3	Horizontal	183	2.26	-
5755MHz	Pass	PK	11.5117G	55.95	74.00	-18.05	3	Horizontal	183	2.26	-
5755MHz	Pass	PK	17.2829G	61.45	68.20	-6.75	3	Horizontal	19	1.47	-
5795MHz	Pass	AV	5.8058G	101.65	Inf	-Inf	3	Vertical	111	2.94	-
5795MHz	Pass	PK	5.5862G	58.02	68.20	-10.18	3	Vertical	111	2.94	-
5795MHz	Pass	PK	5.8034G	112.63	Inf	-Inf	3	Vertical	111	2.94	-
5795MHz	Pass	PK	6.0026G	58.34	68.20	-9.86	3	Vertical	111	2.94	-
5795MHz	Pass	AV	5.7938G	113.57	Inf	-Inf	3	Horizontal	14	1.04	-
5795MHz	Pass	PK	5.6402G	64.59	68.20	-3.61	3	Horizontal	14	1.04	-
5795MHz	Pass	PK	5.7926G	124.56	Inf	-Inf	3	Horizontal	14	1.04	-
5795MHz	Pass	PK	5.9366G	62.29	68.20	-5.91	3	Horizontal	14	1.04	-
5795MHz	Pass	AV	11.58962G	42.90	54.00	-11.10	3	Vertical	92	1.08	-
5795MHz	Pass	PK	11.59212G	55.55	74.00	-18.45	3	Vertical	92	1.08	-
5795MHz	Pass	PK	17.38178G	60.60	68.20	-7.60	3	Vertical	295	1.00	-
5795MHz	Pass	AV	11.58608G	42.47	54.00	-11.53	3	Horizontal	210	2.55	-
5795MHz	Pass	PK	11.59008G	55.48	74.00	-18.52	3	Horizontal	210	2.55	-
5795MHz	Pass	PK	17.38918G	60.40	68.20	-7.80	3	Horizontal	108	1.34	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.138G	49.00	54.00	-5.00	3	Vertical	138	2.67	-
5210MHz	Pass	AV	5.217G	88.38	Inf	-Inf	3	Vertical	138	2.67	-
5210MHz	Pass	AV	5.459G	44.42	54.00	-9.58	3	Vertical	138	2.67	-
5210MHz	Pass	PK	5.138G	64.52	74.00	-9.48	3	Vertical	138	2.67	-
5210MHz	Pass	PK	5.219G	99.74	Inf	-Inf	3	Vertical	138	2.67	-
5210MHz	Pass	PK	5.399G	55.92	74.00	-18.08	3	Vertical	138	2.67	-
5210MHz	Pass	AV	5.15G	52.80	54.00	-1.20	3	Horizontal	351	1.15	-
5210MHz	Pass	AV	5.216G	98.38	Inf	-Inf	3	Horizontal	351	1.15	-
5210MHz	Pass	AV	5.449G	45.43	54.00	-8.57	3	Horizontal	351	1.15	-
5210MHz	Pass	PK	5.149G	63.79	74.00	-10.21	3	Horizontal	351	1.15	-
5210MHz	Pass	PK	5.219G	109.39	Inf	-Inf	3	Horizontal	351	1.15	-
5210MHz	Pass	PK	5.389G	56.47	74.00	-17.53	3	Horizontal	351	1.15	-
5210MHz	Pass	AV	15.6474G	45.95	54.00	-8.05	3	Vertical	73	3.00	-
5210MHz	Pass	PK	10.4095G	55.53	68.20	-12.67	3	Vertical	5	1.50	-
5210MHz	Pass	PK	15.653G	58.49	74.00	-15.51	3	Vertical	73	3.00	-
5210MHz	Pass	AV	15.6448G	46.23	54.00	-7.77	3	Horizontal	122	2.91	-
5210MHz	Pass	PK	10.4277G	55.76	68.20	-12.44	3	Horizontal	339	1.00	-
5210MHz	Pass	PK	15.6397G	57.92	74.00	-16.08	3	Horizontal	122	2.91	-
5775MHz	Pass	AV	5.7594G	97.81	Inf	-Inf	3	Vertical	120	2.71	-
5775MHz	Pass	PK	5.6166G	57.78	68.20	-10.42	3	Vertical	120	2.71	-
5775MHz	Pass	PK	5.7558G	108.68	Inf	-Inf	3	Vertical	120	2.71	-
5775MHz	Pass	PK	5.9502G	57.60	68.20	-10.60	3	Vertical	120	2.71	-
5775MHz	Pass	AV	5.7786G	108.78	Inf	-Inf	3	Horizontal	7	1.09	-
5775MHz	Pass	PK	5.6478G	66.97	68.20	-1.23	3	Horizontal	7	1.09	-
5775MHz	Pass	PK	5.781G	119.98	Inf	-Inf	3	Horizontal	7	1.09	-
5775MHz	Pass	PK	5.925G	65.08	68.20	-3.12	3	Horizontal	7	1.09	-
5775MHz	Pass	AV	11.55036G	43.96	54.00	-10.04	3	Vertical	27	1.49	-
5775MHz	Pass	PK	11.55708G	56.15	74.00	-17.85	3	Vertical	27	1.49	-
5775MHz	Pass	PK	17.32878G	61.01	68.20	-7.19	3	Vertical	13	1.29	-
5775MHz	Pass	AV	11.55416G	43.89	54.00	-10.11	3	Horizontal	274	1.50	-
5775MHz	Pass	PK	11.5556G	55.74	74.00	-18.26	3	Horizontal	274	1.50	-
5775MHz	Pass	PK	17.349G	60.71	68.20	-7.49	3	Horizontal	42	1.51	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

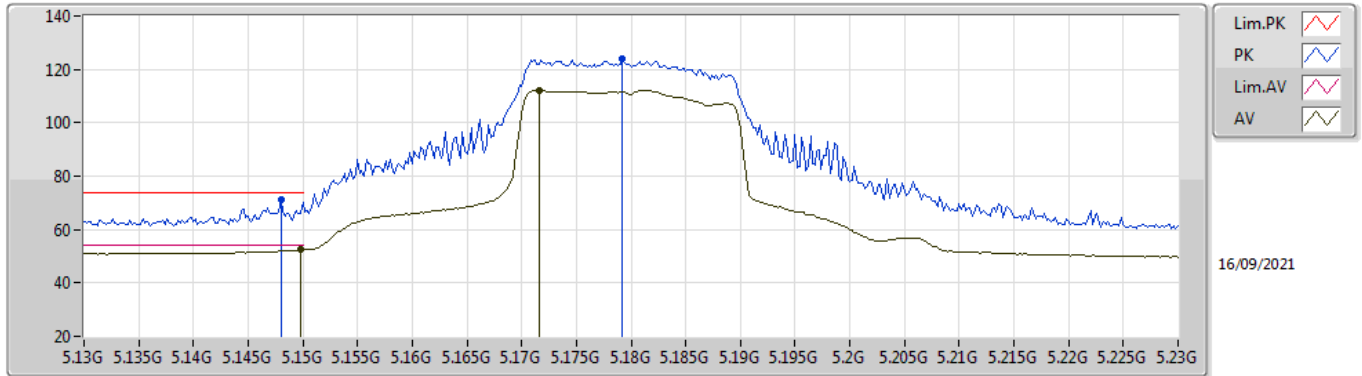
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1456G	44.63	54.00	-9.37	4.01	3	Vertical	133	1.68	-	40.62	31.90	6.87	34.76
AV	5.1864G	96.87	Inf	-Inf	3.87	3	Vertical	133	1.68	-	93.00	31.75	6.88	34.76
PK	5.15G	60.92	74.00	-13.08	4.01	3	Vertical	133	1.68	-	56.91	31.90	6.87	34.76
PK	5.1864G	109.78	Inf	-Inf	3.87	3	Vertical	133	1.68	-	105.91	31.75	6.88	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

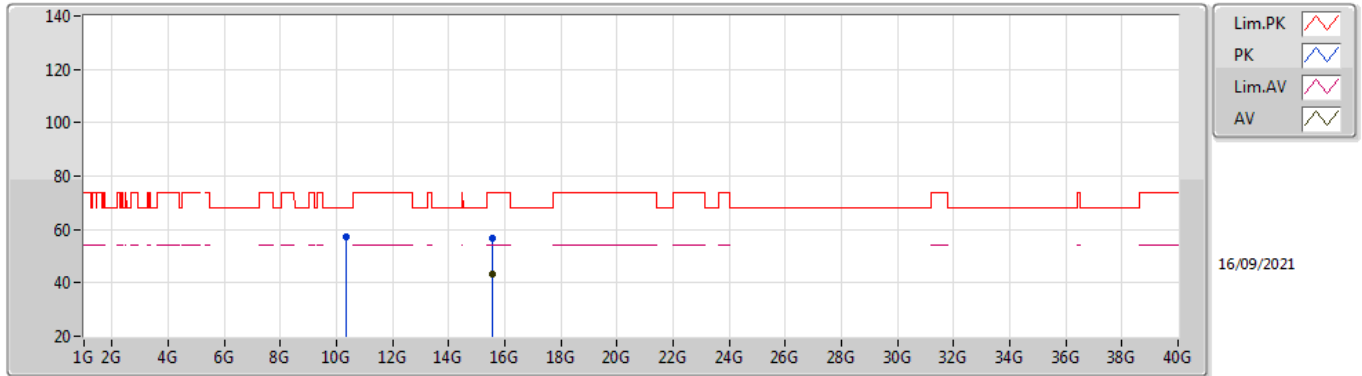
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	52.47	54.00	-1.53	4.01	3	Horizontal	341	1.15	-	48.46	31.90	6.87	34.76
AV	5.1716G	112.17	Inf	-Inf	3.93	3	Horizontal	341	1.15	-	108.24	31.81	6.88	34.76
PK	5.148G	71.16	74.00	-2.84	4.01	3	Horizontal	341	1.15	-	67.15	31.90	6.87	34.76
PK	5.1792G	123.73	Inf	-Inf	3.90	3	Horizontal	341	1.15	-	119.83	31.78	6.88	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

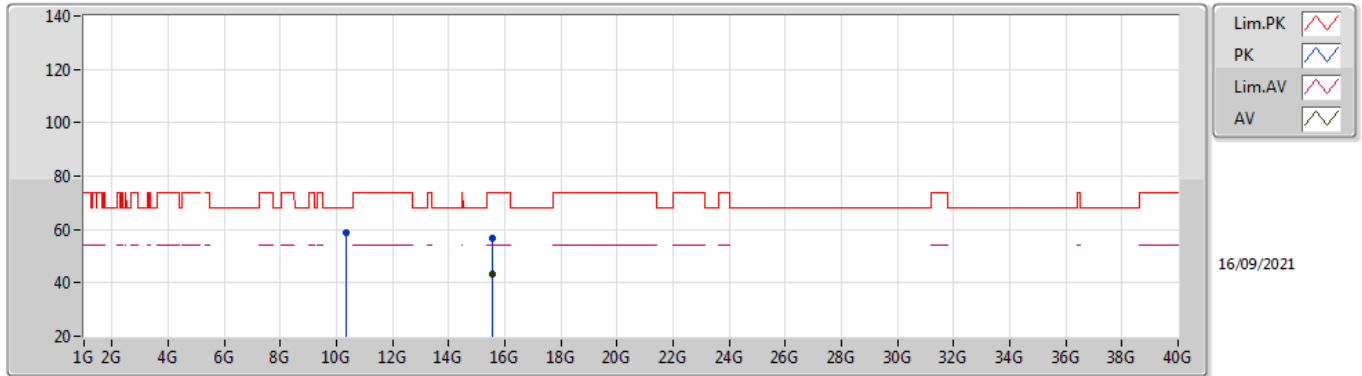
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54238G	43.53	54.00	-10.47	15.41	3	Vertical	301	1.50	-	28.12	38.23	12.10	34.92
PK	10.36204G	57.09	68.20	-11.11	13.55	3	Vertical	123	1.07	-	43.54	39.59	8.99	35.03
PK	15.54098G	56.52	74.00	-17.48	15.42	3	Vertical	301	1.50	-	41.10	38.24	12.10	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

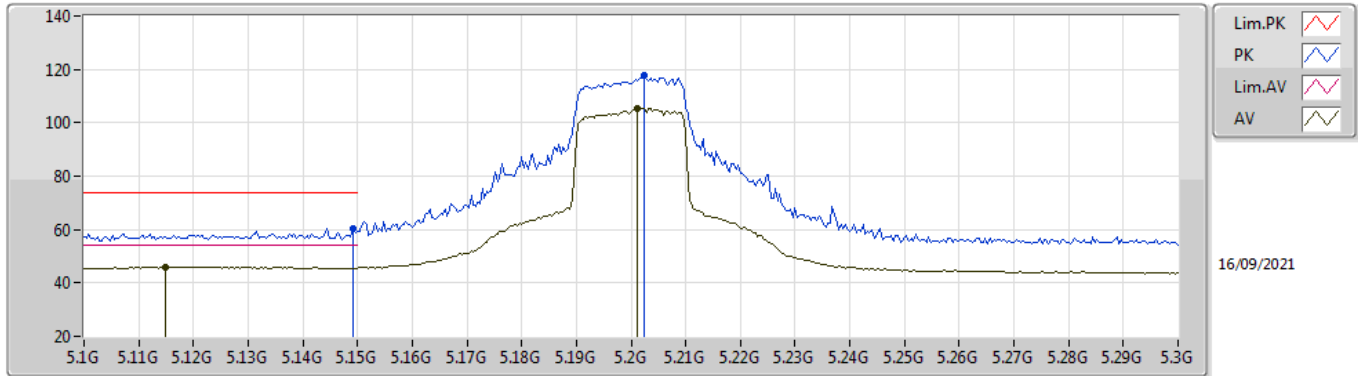
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.54243G	43.52	54.00	-10.48	15.41	3	Horizontal	338	2.78	-	28.11	38.23	12.10	34.92
PK	10.35905G	58.70	68.20	-9.50	13.54	3	Horizontal	150	1.00	-	45.16	39.58	8.99	35.03
PK	15.53892G	56.57	74.00	-17.43	15.42	3	Horizontal	338	2.78	-	41.15	38.24	12.10	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

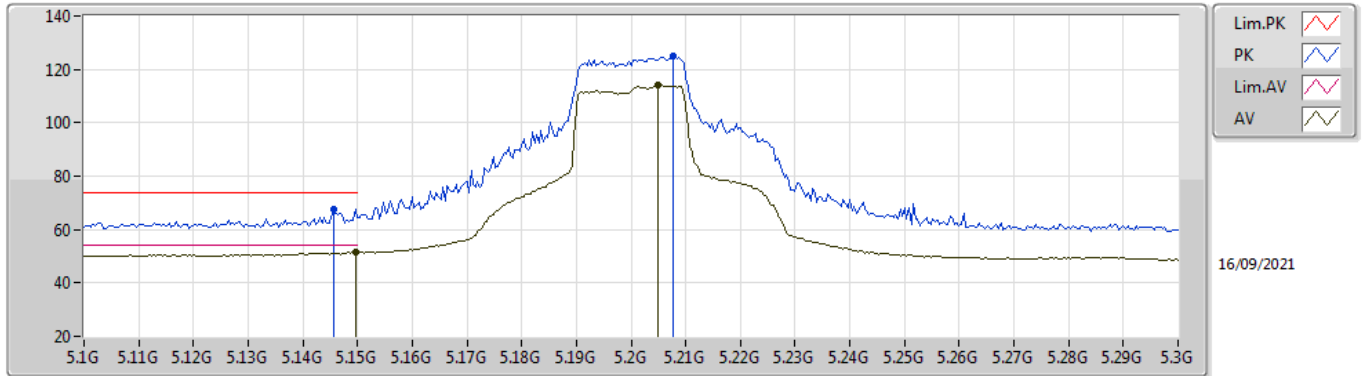
5200MHz_TX



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	5.1148G	46.12	54.00	-7.88	4.00	3	Vertical	120	2.52	-	42.12	31.90	6.86	34.76
AV	5.2012G	105.40	Inf	-Inf	3.83	3	Vertical	120	2.52	-	101.57	31.70	6.89	34.76
PK	5.1492G	60.55	74.00	-13.45	4.01	3	Vertical	120	2.52	-	56.54	31.90	6.87	34.76
PK	5.2024G	117.58	Inf	-Inf	3.82	3	Vertical	120	2.52	-	113.76	31.69	6.89	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

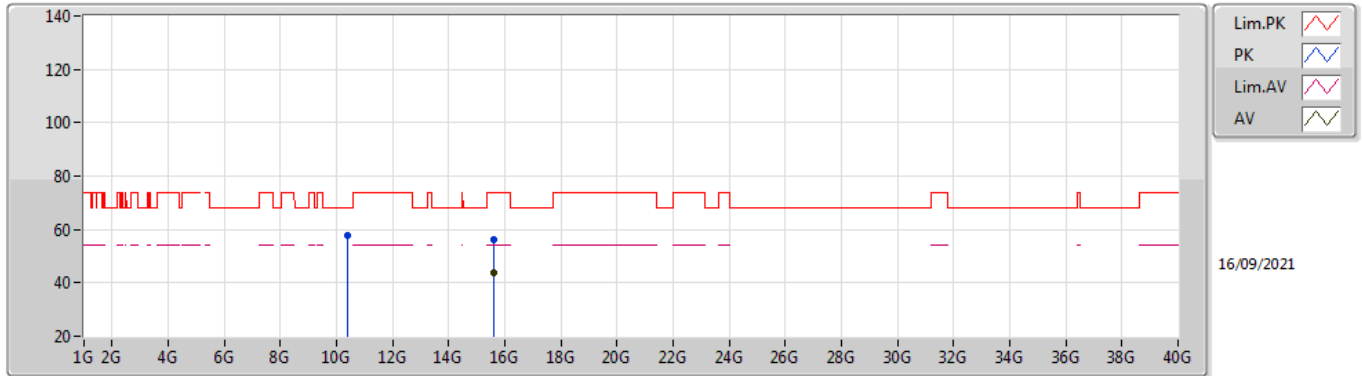
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	51.38	54.00	-2.62	4.01	3	Horizontal	25	1.00	-	47.37	31.90	6.87	34.76
AV	5.2048G	113.98	Inf	-Inf	3.82	3	Horizontal	25	1.00	-	110.16	31.68	6.90	34.76
PK	5.1456G	67.54	74.00	-6.46	4.01	3	Horizontal	25	1.00	-	63.53	31.90	6.87	34.76
PK	5.2076G	124.98	Inf	-Inf	3.81	3	Horizontal	25	1.00	-	121.17	31.67	6.90	34.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

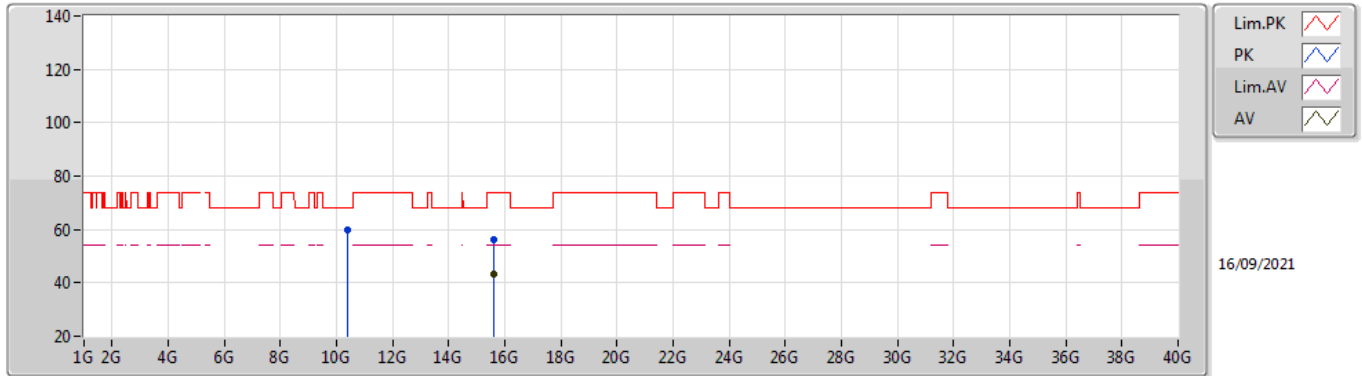
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.59558G	43.54	54.00	-10.46	15.22	3	Vertical	150.1	1.50	-	28.32	38.02	12.16	34.96
PK	10.40144G	57.81	68.20	-10.39	13.71	3	Vertical	119	2.72	-	44.10	39.70	9.00	34.99
PK	15.59792G	56.45	74.00	-17.55	15.21	3	Vertical	150.1	1.50	-	41.24	38.01	12.16	34.96

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

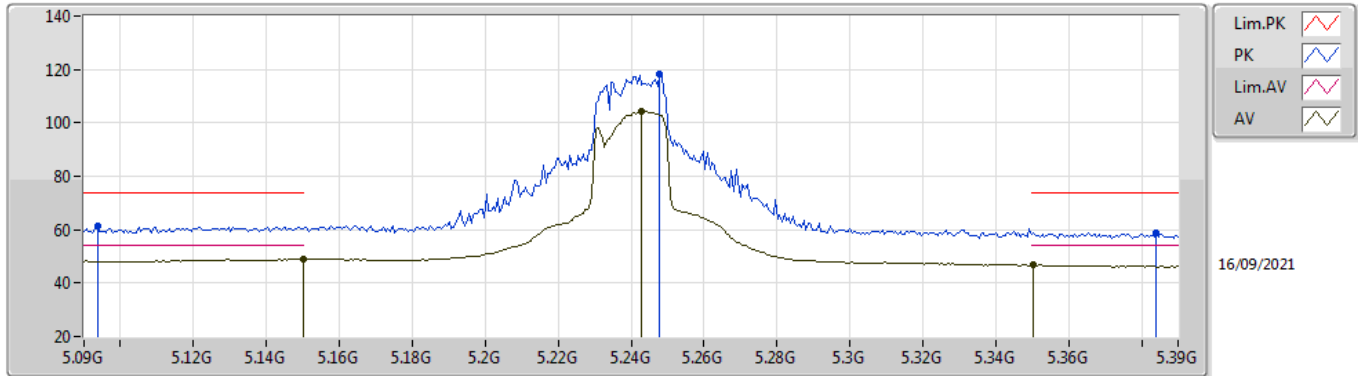
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Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6048G	43.49	54.00	-10.51	15.20	3	Horizontal	248	1.50	-	28.29	37.99	12.17	34.96
PK	10.4021G	59.91	68.20	-8.29	13.72	3	Horizontal	162	1.11	-	46.19	39.71	9.00	34.99
PK	15.5972G	56.37	74.00	-17.63	15.21	3	Horizontal	248	1.50	-	41.16	38.01	12.16	34.96

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

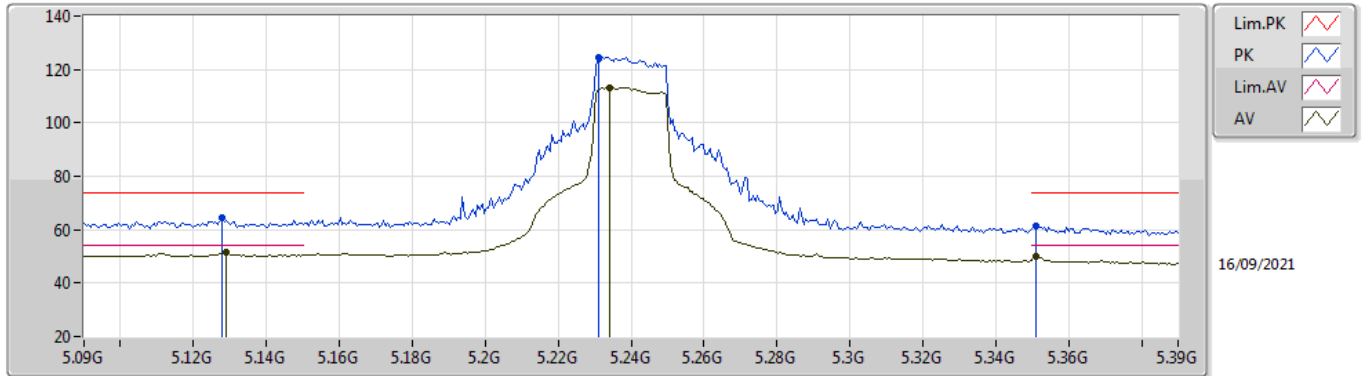
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	49.01	54.00	-4.99	4.01	3	Vertical	27	1.50	-	45.00	31.90	6.87	34.76
AV	5.243G	104.49	Inf	-Inf	3.71	3	Vertical	27	1.50	-	100.78	31.53	6.94	34.76
AV	5.3504G	46.92	54.00	-7.08	3.49	3	Vertical	27	1.50	-	43.43	31.20	7.06	34.77
PK	5.0936G	61.22	74.00	-12.78	3.96	3	Vertical	27	1.50	-	57.26	31.87	6.85	34.76
PK	5.2478G	118.45	Inf	-Inf	3.69	3	Vertical	27	1.50	-	114.76	31.51	6.94	34.76
PK	5.384G	58.81	74.00	-15.19	3.67	3	Vertical	27	1.50	-	55.14	31.34	7.10	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

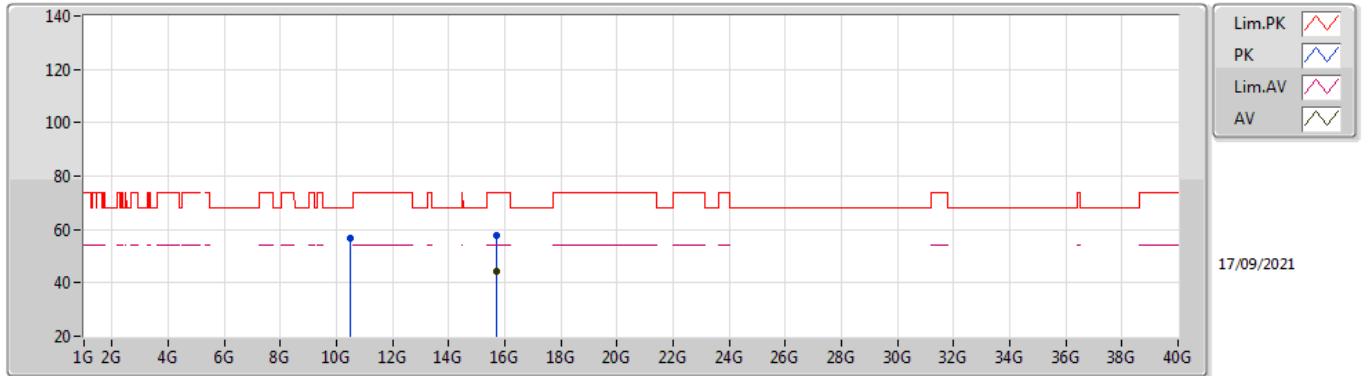
5240MHz_TX



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	5.129G	51.70	54.00	-2.30	4.00	3	Horizontal	24	1.04	-	47.70	31.90	6.86	34.76
AV	5.234G	113.22	Inf	-Inf	3.73	3	Horizontal	24	1.04	-	109.49	31.56	6.93	34.76
AV	5.351G	50.14	54.00	-3.86	3.49	3	Horizontal	24	1.04	-	46.65	31.20	7.06	34.77
PK	5.1278G	64.28	74.00	-9.72	4.00	3	Horizontal	24	1.04	-	60.28	31.90	6.86	34.76
PK	5.231G	124.54	Inf	-Inf	3.75	3	Horizontal	24	1.04	-	120.79	31.58	6.93	34.76
PK	5.351G	61.53	74.00	-12.47	3.49	3	Horizontal	24	1.04	-	58.04	31.20	7.06	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

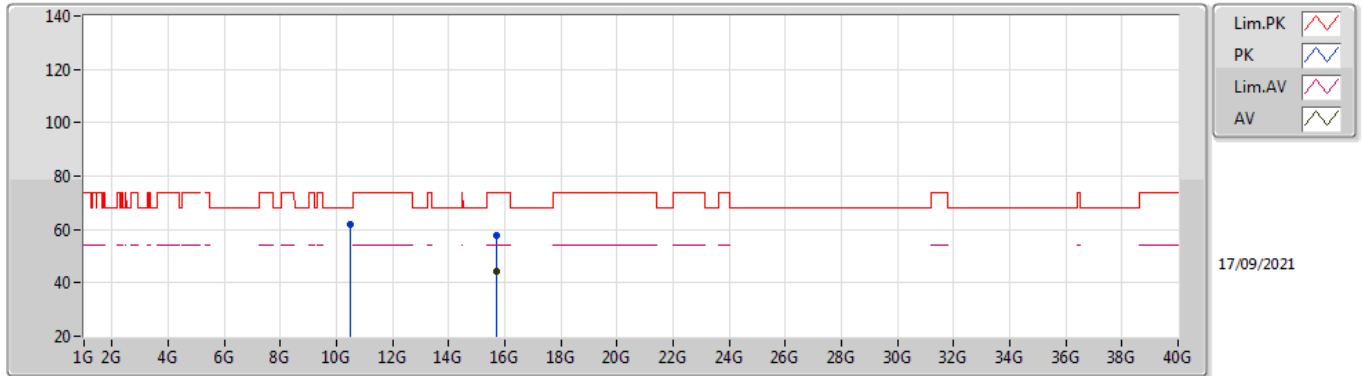
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.70644G	44.51	54.00	-9.49	14.94	3	Vertical	263	1.50	-	29.57	37.69	12.27	35.02
PK	10.46986G	56.93	68.20	-11.27	14.01	3	Vertical	129	2.41	-	42.92	39.91	9.03	34.93
PK	15.71424G	57.99	74.00	-16.01	14.95	3	Vertical	263	1.50	-	43.04	37.69	12.28	35.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

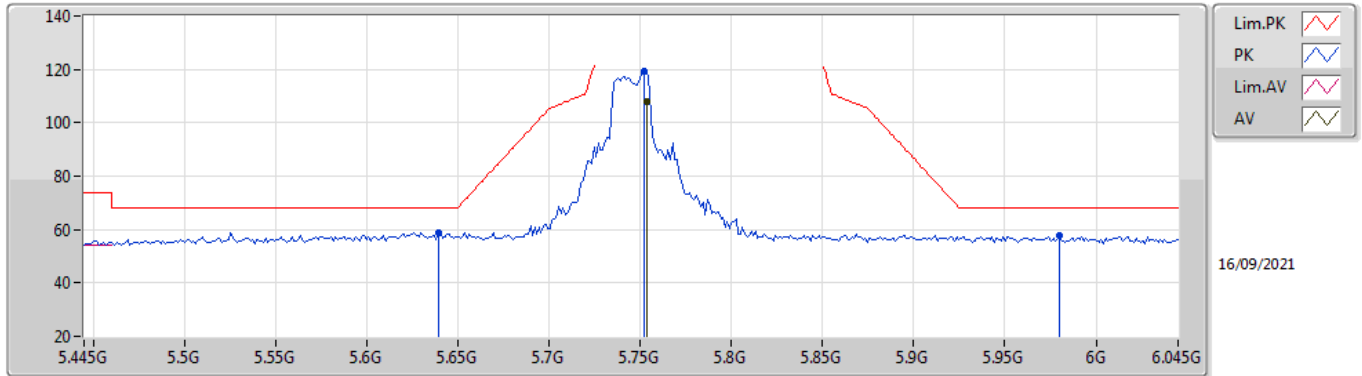
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7194G	44.44	54.00	-9.56	14.93	3	Horizontal	260	1.50	-	29.51	37.68	12.28	35.03
PK	10.4724G	61.64	68.20	-6.56	14.02	3	Horizontal	130	1.00	-	47.62	39.92	9.03	34.93
PK	15.70734G	57.60	74.00	-16.40	14.94	3	Horizontal	260	1.50	-	42.66	37.69	12.27	35.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

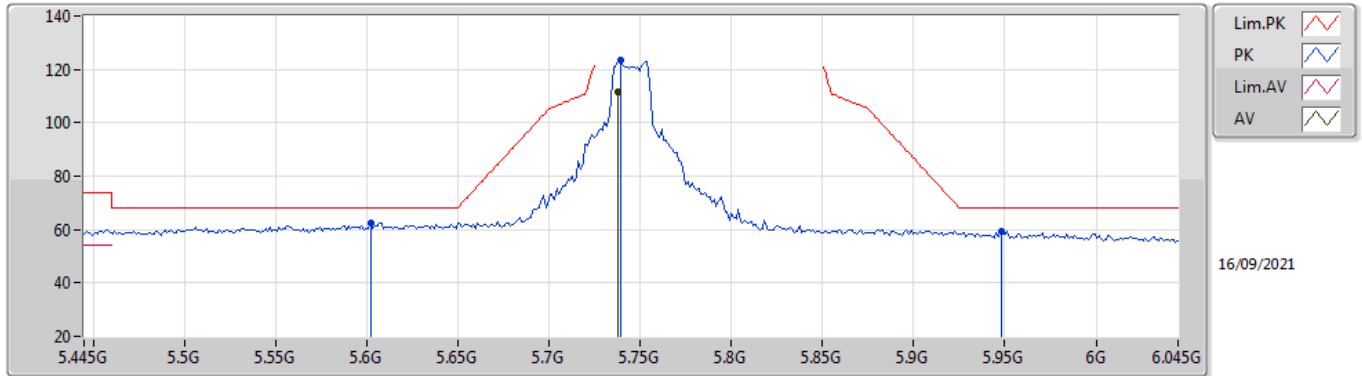
5745MHz_TX



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	5.7534G	107.97	Inf	-Inf	4.17	3	Vertical	103	2.95	-	103.80	32.01	6.93	34.77
PK	5.6394G	58.93	68.20	-9.27	3.90	3	Vertical	103	2.95	-	55.03	31.70	6.97	34.77
PK	5.7522G	119.24	Inf	-Inf	4.16	3	Vertical	103	2.95	-	115.08	32.00	6.93	34.77
PK	5.9802G	57.65	68.20	-10.55	5.33	3	Vertical	103	2.95	-	52.32	32.40	7.70	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

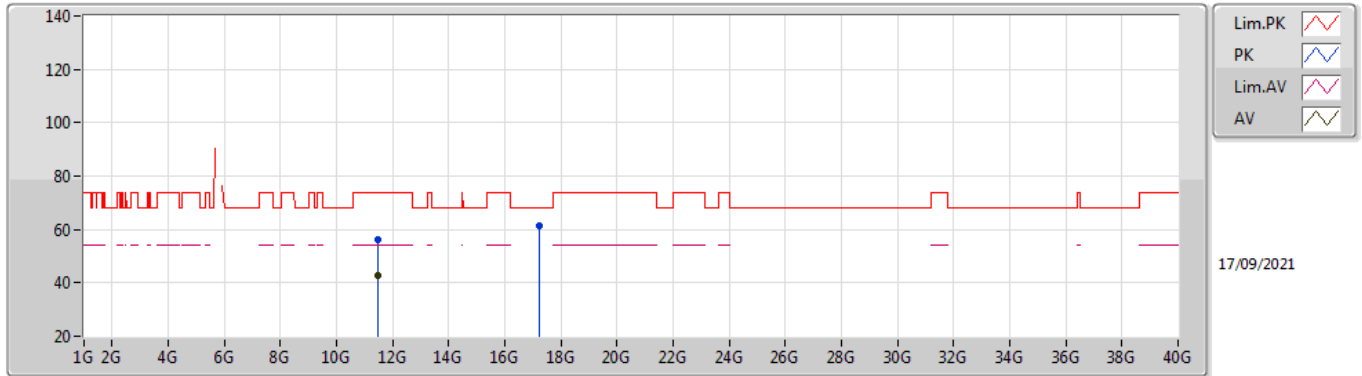
5745MHz_TX



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	5.7378G	111.60	Inf	-Inf	4.11	3	Horizontal	15	1.50	-	107.49	31.95	6.93	34.77
PK	5.6022G	62.53	68.20	-5.67	3.92	3	Horizontal	15	1.50	-	58.61	31.70	6.99	34.77
PK	5.739G	123.40	Inf	-Inf	4.12	3	Horizontal	15	1.50	-	119.28	31.96	6.93	34.77
PK	5.9478G	59.20	68.20	-9.00	5.19	3	Horizontal	15	1.50	-	54.01	32.40	7.56	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

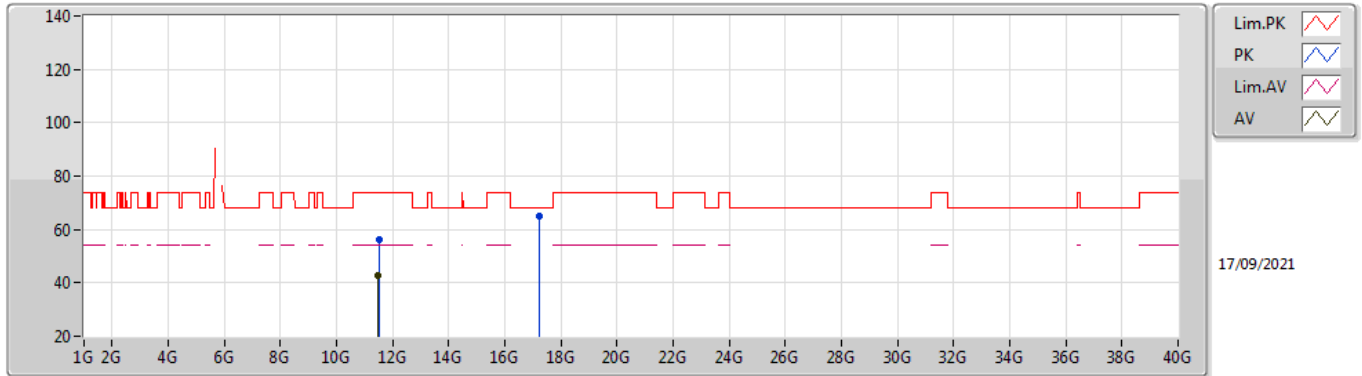
5745MHz_TX



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	11.49468G	42.74	54.00	-11.26	14.65	3	Vertical	37	1.80	-	28.09	39.90	9.36	34.61
PK	11.47944G	56.00	74.00	-18.00	14.64	3	Vertical	37	1.80	-	41.36	39.90	9.36	34.62
PK	17.2359G	61.22	68.20	-6.98	18.46	3	Vertical	314	2.50	-	42.76	39.80	12.92	34.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

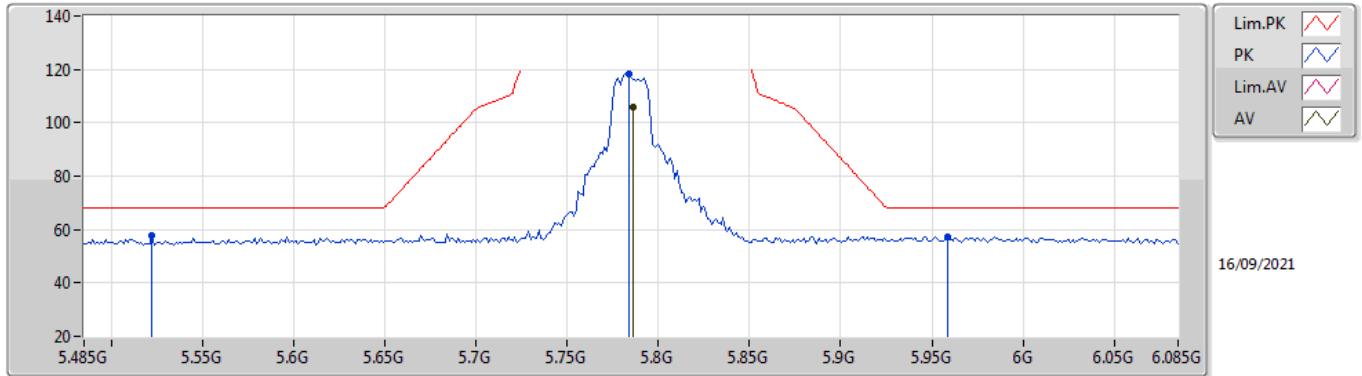
5745MHz_TX



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	11.4897G	42.80	54.00	-11.20	14.65	3	Horizontal	185	1.50	-	28.15	39.90	9.36	34.61
PK	11.50212G	56.27	74.00	-17.73	14.66	3	Horizontal	185	1.50	-	41.61	39.90	9.37	34.61
PK	17.22456G	65.15	68.20	-3.05	18.48	3	Horizontal	38	1.02	-	46.67	39.80	12.92	34.24

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

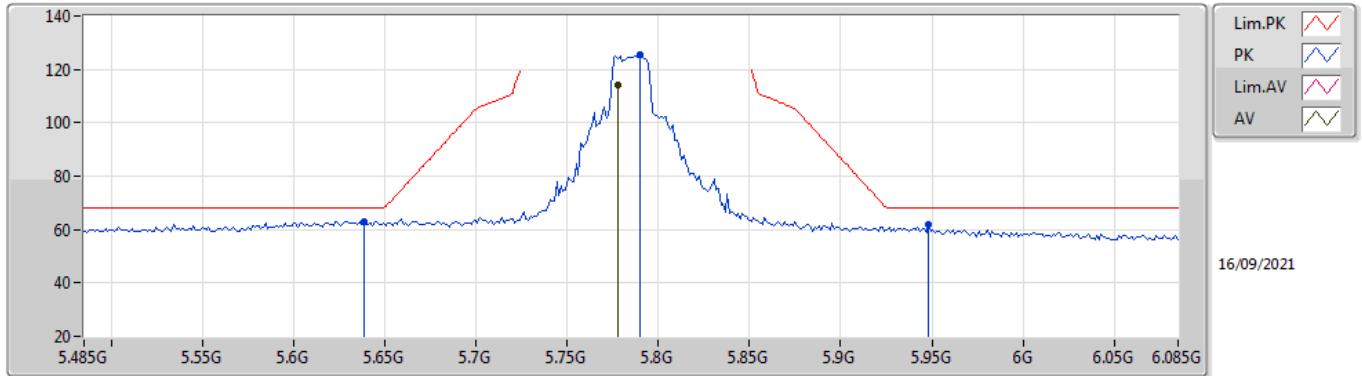
5785MHz_TX



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	106.06	Inf	-Inf	4.22	3	Vertical	138	2.93	-	101.84	32.07	6.92	34.77
PK	5.5222G	57.90	68.20	-10.30	3.97	3	Vertical	138	2.93	-	53.93	31.70	7.04	34.77
PK	5.7838G	118.40	Inf	-Inf	4.22	3	Vertical	138	2.93	-	114.18	32.07	6.92	34.77
PK	5.959G	57.47	68.20	-10.73	5.24	3	Vertical	138	2.93	-	52.23	32.40	7.61	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

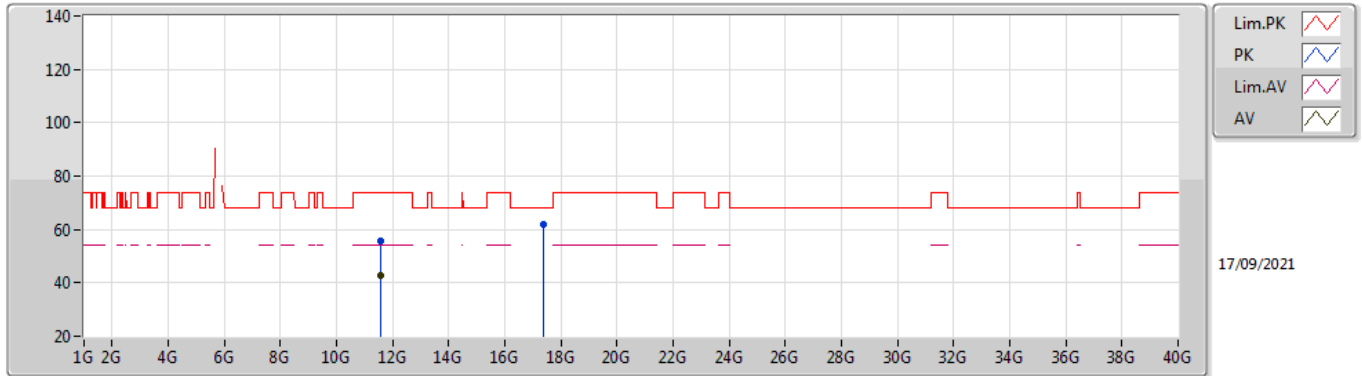
5785MHz_TX



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	5.7778G	114.12	Inf	-Inf	4.21	3	Horizontal	9	1.05	-	109.91	32.06	6.92	34.77
PK	5.6386G	63.18	68.20	-5.02	3.90	3	Horizontal	9	1.05	-	59.28	31.70	6.97	34.77
PK	5.7898G	125.29	Inf	-Inf	4.22	3	Horizontal	9	1.05	-	121.07	32.08	6.91	34.77
PK	5.9482G	61.83	68.20	-6.37	5.19	3	Horizontal	9	1.05	-	56.64	32.40	7.56	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

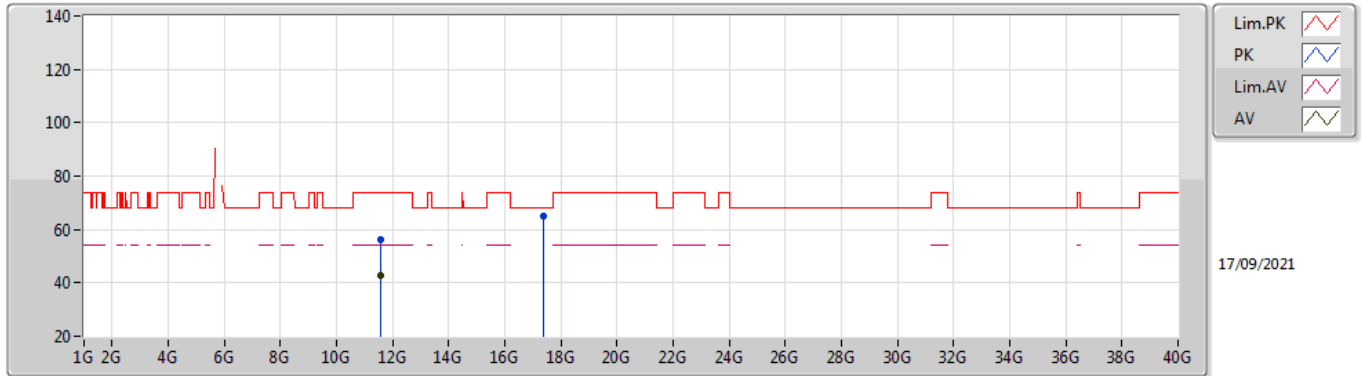
5785MHz_TX



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	11.56778G	42.69	54.00	-11.31	14.66	3	Vertical	298	2.11	-	28.03	39.90	9.39	34.63
PK	11.56484G	55.85	74.00	-18.15	14.66	3	Vertical	298	2.11	-	41.19	39.90	9.39	34.63
PK	17.35284G	61.78	68.20	-6.42	18.82	3	Vertical	180	2.68	-	42.96	40.28	12.95	34.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

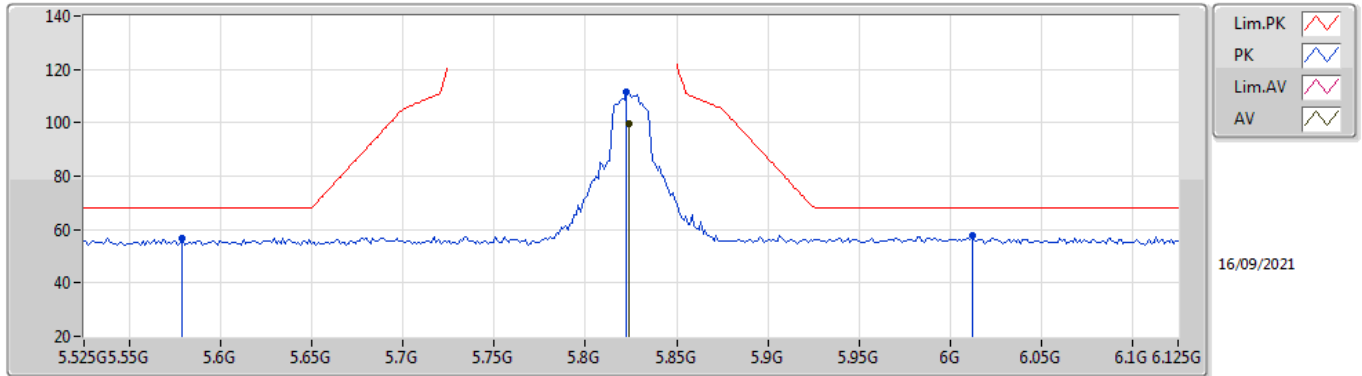
5785MHz_TX



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	11.57612G	42.80	54.00	-11.20	14.66	3	Horizontal	71	2.71	-	28.14	39.90	9.39	34.63
PK	11.56004G	56.35	74.00	-17.65	14.65	3	Horizontal	71	2.71	-	41.70	39.90	9.38	34.63
PK	17.3583G	65.14	68.20	-3.06	18.85	3	Horizontal	53	1.00	-	46.29	40.32	12.95	34.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

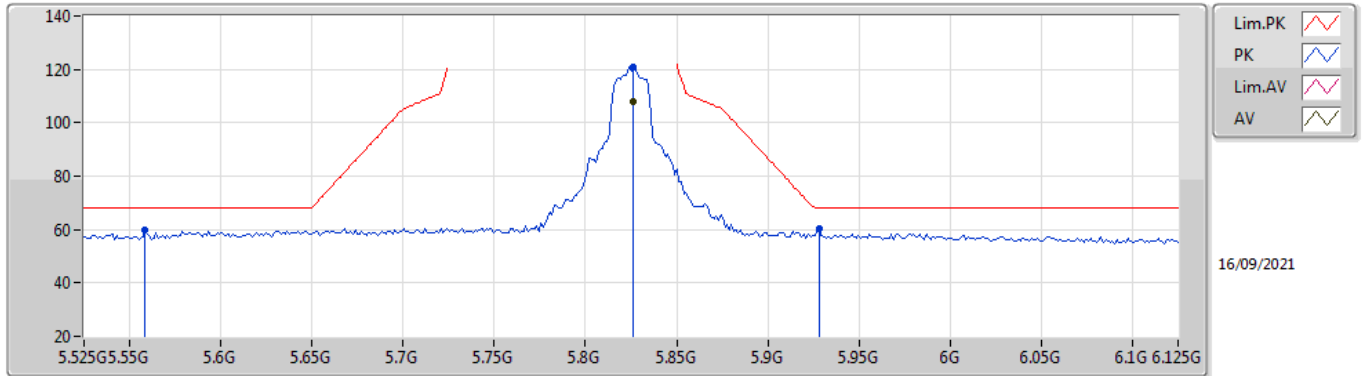
5825MHz_TX



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	5.8238G	99.68	Inf	-Inf	4.39	3	Vertical	229	2.90	-	95.29	32.15	7.01	34.77
PK	5.579G	56.62	68.20	-11.58	3.93	3	Vertical	229	2.90	-	52.69	31.70	7.00	34.77
PK	5.8226G	111.80	Inf	-Inf	4.39	3	Vertical	229	2.90	-	107.41	32.15	7.01	34.77
PK	6.0122G	57.90	68.20	-10.30	5.39	3	Vertical	229	2.90	-	52.51	32.40	7.76	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

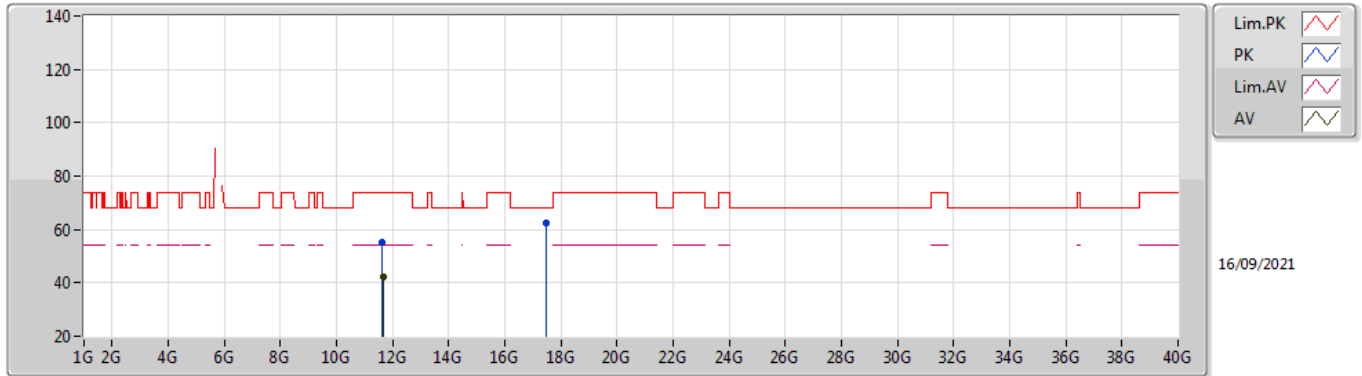
5825MHz_TX



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	108.18	Inf	-Inf	4.41	3	Horizontal	15	1.01	-	103.77	32.15	7.03	34.77
PK	5.5586G	59.58	68.20	-8.62	3.95	3	Horizontal	15	1.01	-	55.63	31.70	7.02	34.77
PK	5.8262G	120.84	Inf	-Inf	4.41	3	Horizontal	15	1.01	-	116.43	32.15	7.03	34.77
PK	5.9282G	60.11	68.20	-8.09	5.06	3	Horizontal	15	1.01	-	55.05	32.36	7.47	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

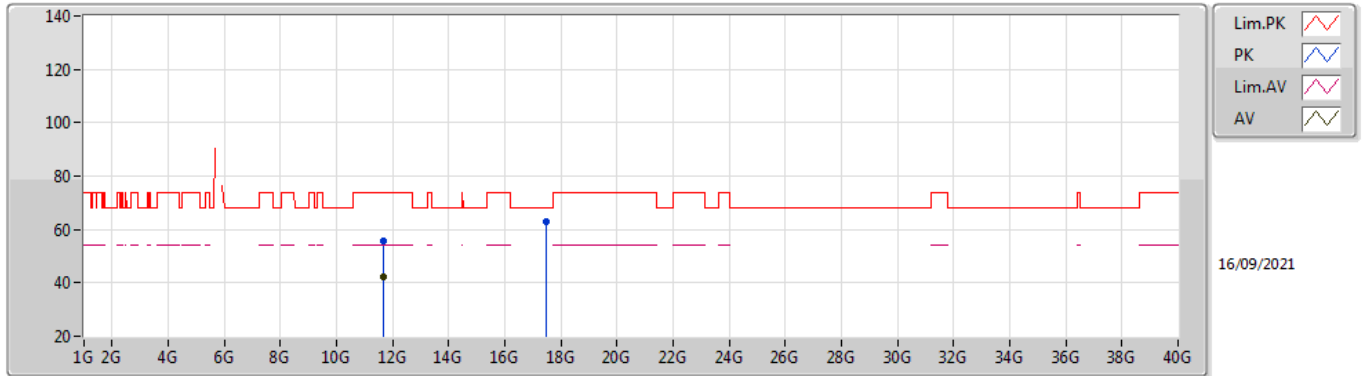
5825MHz_TX



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	11.65016G	42.35	54.00	-11.65	14.36	3	Vertical	289	1.00	-	27.99	39.60	9.41	34.65
PK	11.64586G	55.13	74.00	-18.87	14.38	3	Vertical	289	1.00	-	40.75	39.62	9.41	34.65
PK	17.47266G	62.17	68.20	-6.03	19.56	3	Vertical	342	1.99	-	42.61	41.14	12.99	34.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

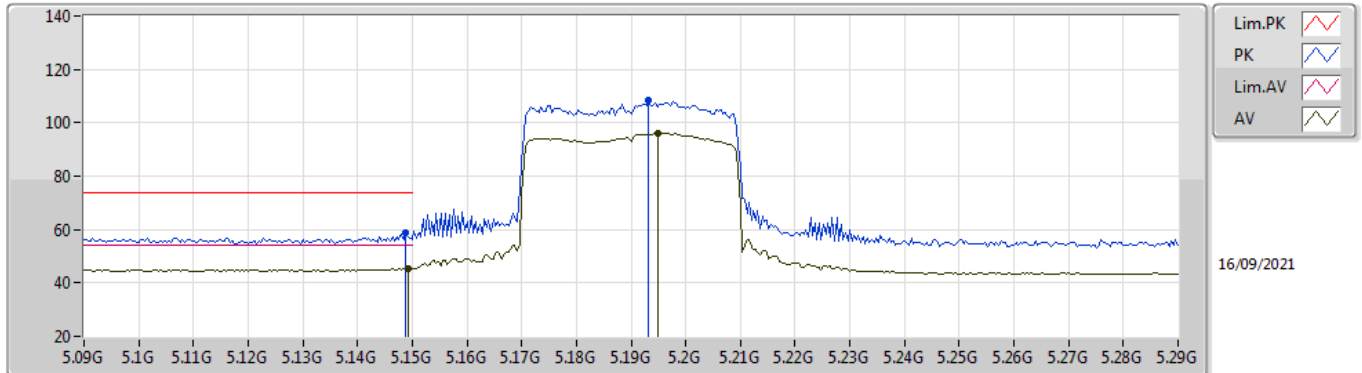
5825MHz_TX



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	11.65022G	42.18	54.00	-11.82	14.36	3	Horizontal	92	3.00	-	27.82	39.60	9.41	34.65
PK	11.64816G	55.74	74.00	-18.26	14.37	3	Horizontal	92	3.00	-	41.37	39.61	9.41	34.65
PK	17.47288G	62.98	68.20	-5.22	19.56	3	Horizontal	108	1.18	-	43.42	41.14	12.99	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

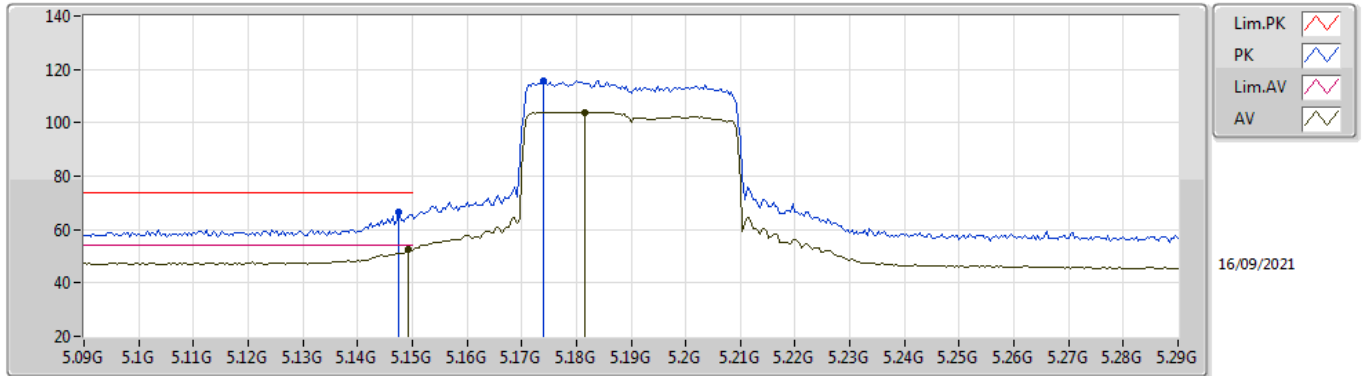
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	45.46	54.00	-8.54	4.01	3	Vertical	131	2.92	-	41.45	31.90	6.87	34.76
AV	5.1948G	96.01	Inf	-Inf	3.85	3	Vertical	131	2.92	-	92.16	31.72	6.89	34.76
PK	5.1488G	58.68	74.00	-15.32	4.01	3	Vertical	131	2.92	-	54.67	31.90	6.87	34.76
PK	5.1932G	108.56	Inf	-Inf	3.86	3	Vertical	131	2.92	-	104.70	31.73	6.89	34.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

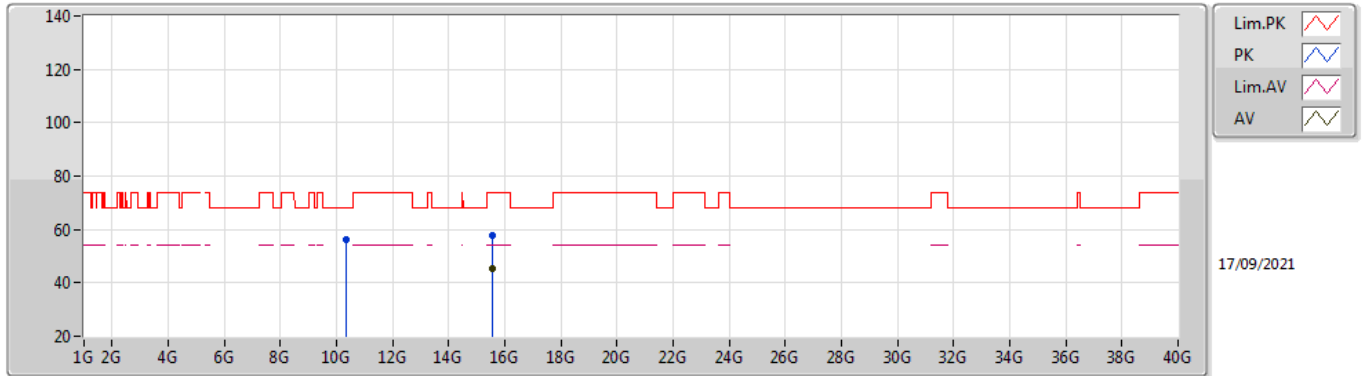
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	52.33	54.00	-1.67	4.01	3	Horizontal	357	1.07	-	48.32	31.90	6.87	34.76
AV	5.1816G	104.02	Inf	-Inf	3.89	3	Horizontal	357	1.07	-	100.13	31.77	6.88	34.76
PK	5.1476G	66.57	74.00	-7.43	4.01	3	Horizontal	357	1.07	-	62.56	31.90	6.87	34.76
PK	5.174G	115.94	Inf	-Inf	3.92	3	Horizontal	357	1.07	-	112.02	31.80	6.88	34.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

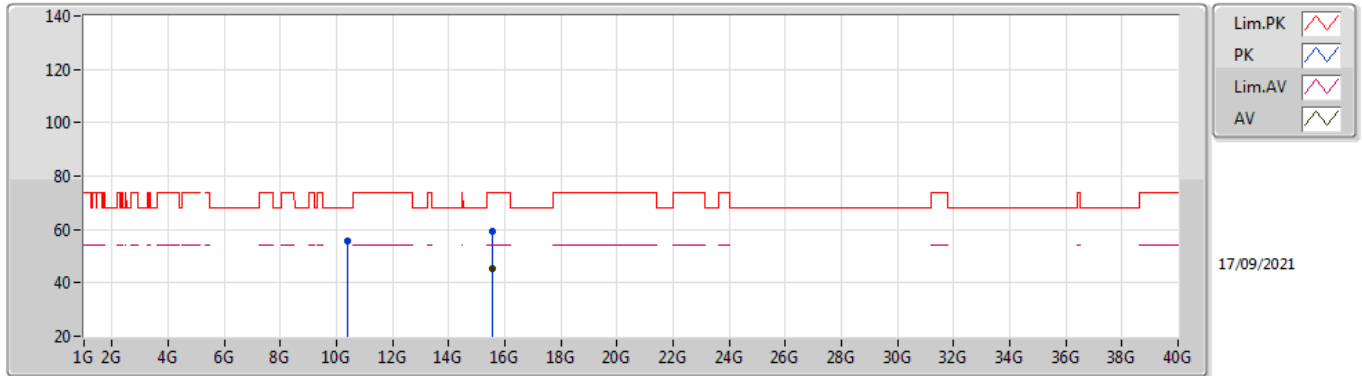
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.551G	45.09	54.00	-8.91	15.38	3	Vertical	171	1.61	-	29.71	38.20	12.11	34.93
PK	10.3582G	56.08	68.20	-12.12	13.53	3	Vertical	144	1.50	-	42.55	39.57	8.99	35.03
PK	15.569G	57.70	74.00	-16.30	15.31	3	Vertical	171	1.61	-	42.39	38.12	12.13	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

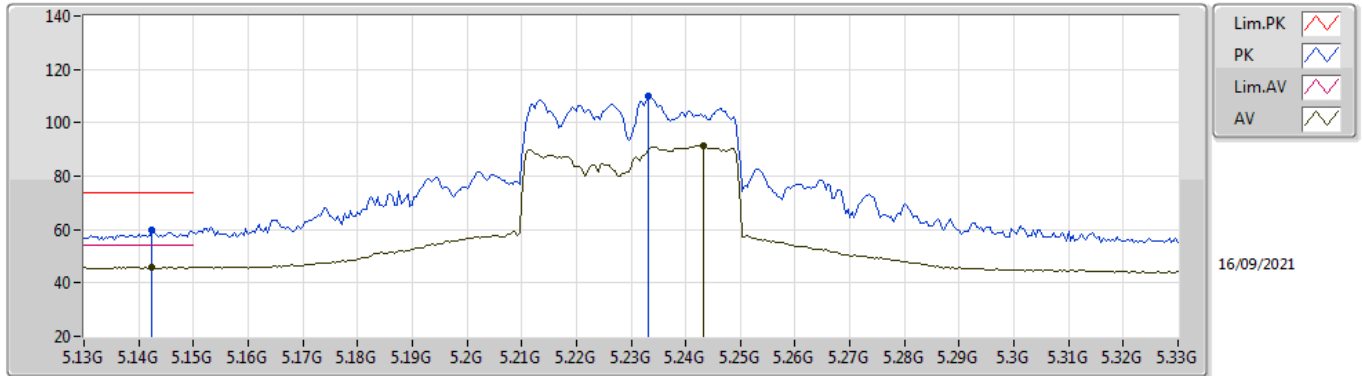
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5628G	45.11	54.00	-8.89	15.33	3	Horizontal	321	2.41	-	29.78	38.15	12.12	34.94
PK	10.383G	55.78	68.20	-12.42	13.64	3	Horizontal	191	2.24	-	42.14	39.65	9.00	35.01
PK	15.5592G	59.34	74.00	-14.66	15.35	3	Horizontal	321	2.41	-	43.99	38.16	12.12	34.93

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

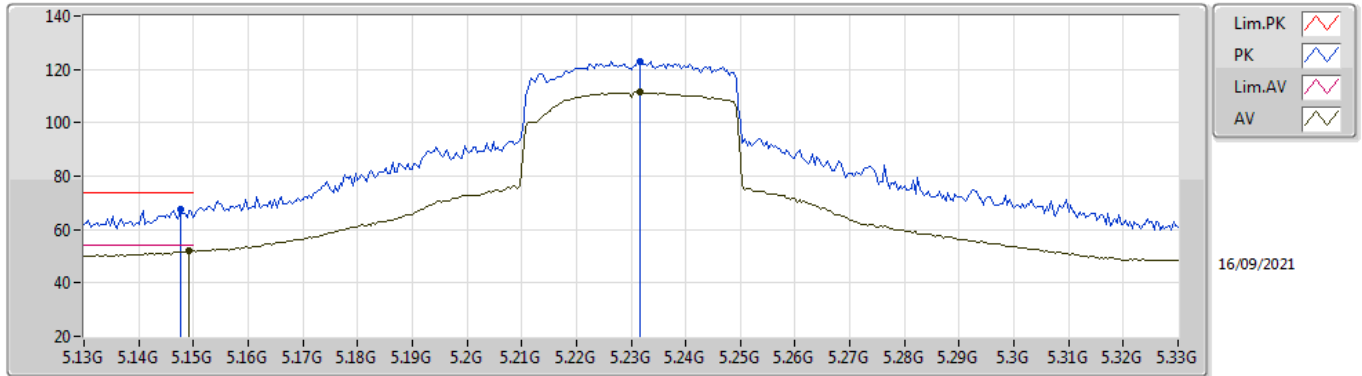
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1424G	45.91	54.00	-8.09	4.01	3	Vertical	138	2.65	-	41.90	31.90	6.87	34.76
AV	5.2432G	91.36	Inf	-Inf	3.71	3	Vertical	138	2.65	-	87.65	31.53	6.94	34.76
PK	5.1424G	59.92	74.00	-14.08	4.01	3	Vertical	138	2.65	-	55.91	31.90	6.87	34.76
PK	5.2332G	109.85	Inf	-Inf	3.74	3	Vertical	138	2.65	-	106.11	31.57	6.93	34.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

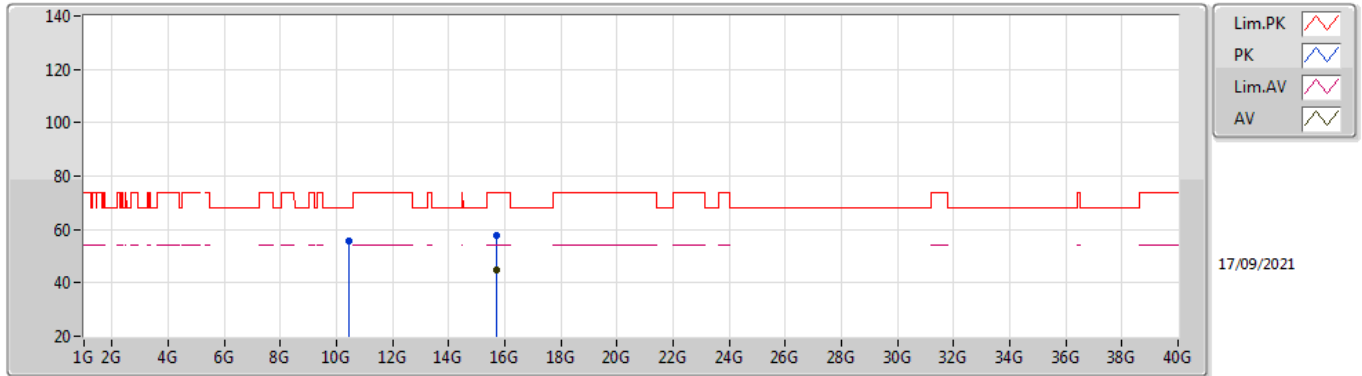
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	52.10	54.00	-1.90	4.01	3	Horizontal	1	1.00	-	48.09	31.90	6.87	34.76
AV	5.2316G	111.53	Inf	-Inf	3.74	3	Horizontal	1	1.00	-	107.79	31.57	6.93	34.76
PK	5.1476G	67.44	74.00	-6.56	4.01	3	Horizontal	1	1.00	-	63.43	31.90	6.87	34.76
PK	5.2316G	123.06	Inf	-Inf	3.74	3	Horizontal	1	1.00	-	119.32	31.57	6.93	34.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

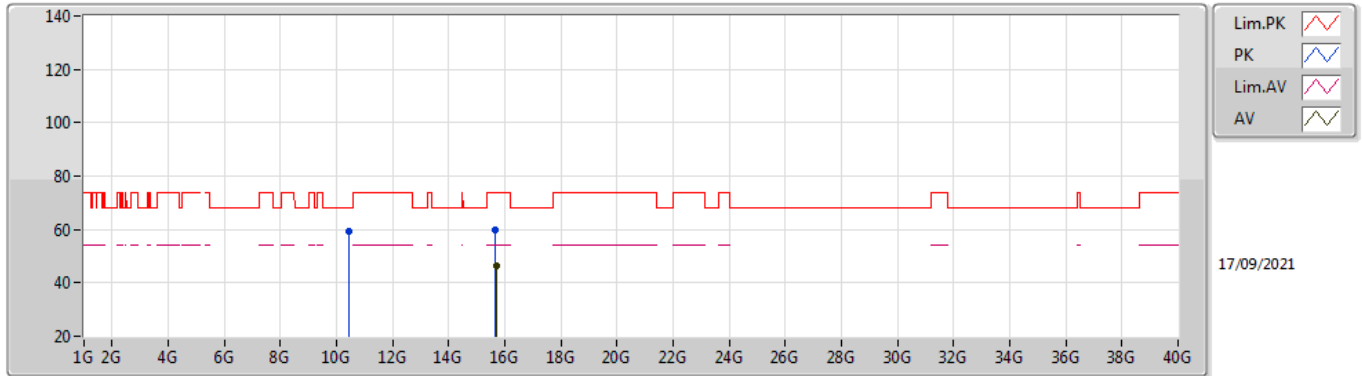
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6832G	44.98	54.00	-9.02	14.98	3	Vertical	0	2.01	-	30.00	37.75	12.24	35.01
PK	10.4395G	55.88	68.20	-12.32	13.88	3	Vertical	176	2.43	-	42.00	39.82	9.02	34.96
PK	15.7054G	57.84	74.00	-16.16	14.94	3	Vertical	0	2.01	-	42.90	37.69	12.27	35.02

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

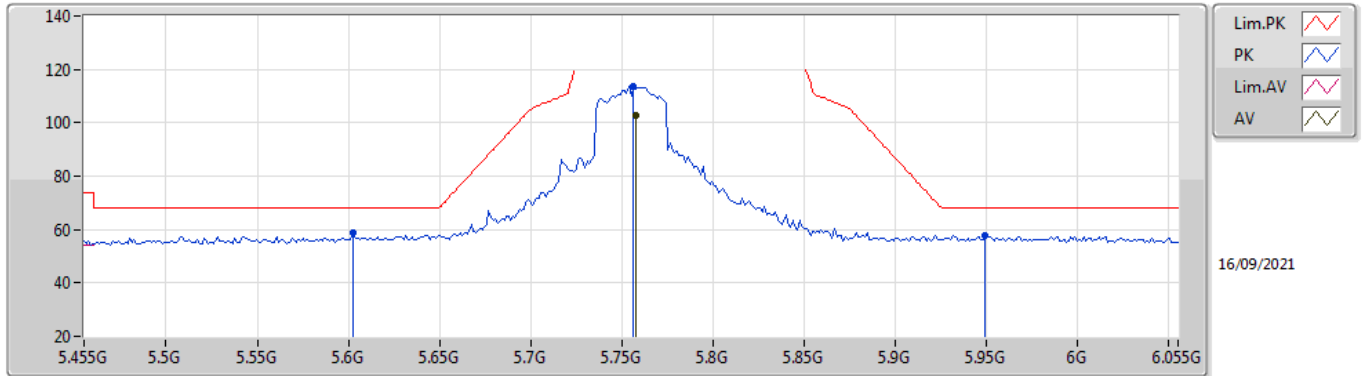
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7127G	46.20	54.00	-7.80	14.94	3	Horizontal	124	1.02	-	31.26	37.69	12.27	35.02
PK	10.4555G	59.37	68.20	-8.83	13.95	3	Horizontal	342	1.48	-	45.42	39.87	9.02	34.94
PK	15.675G	59.73	74.00	-14.27	15.02	3	Horizontal	124	1.02	-	44.71	37.78	12.24	35.00

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

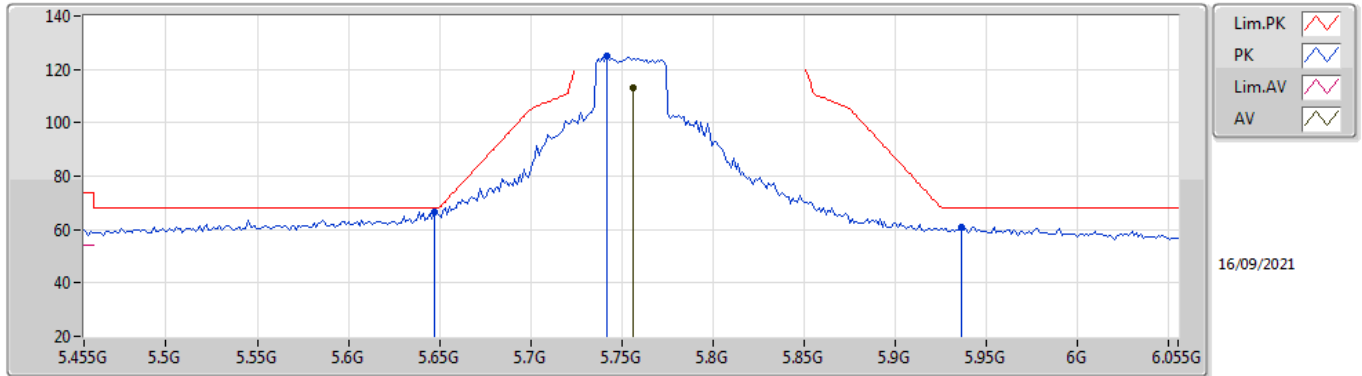
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7574G	102.78	Inf	-Inf	4.17	3	Vertical	109	2.62	-	98.61	32.01	6.93	34.77
PK	5.6026G	58.93	68.20	-9.27	3.92	3	Vertical	109	2.62	-	55.01	31.70	6.99	34.77
PK	5.7562G	113.82	Inf	-Inf	4.17	3	Vertical	109	2.62	-	109.65	32.01	6.93	34.77
PK	5.9494G	57.93	68.20	-10.27	5.20	3	Vertical	109	2.62	-	52.73	32.40	7.57	34.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

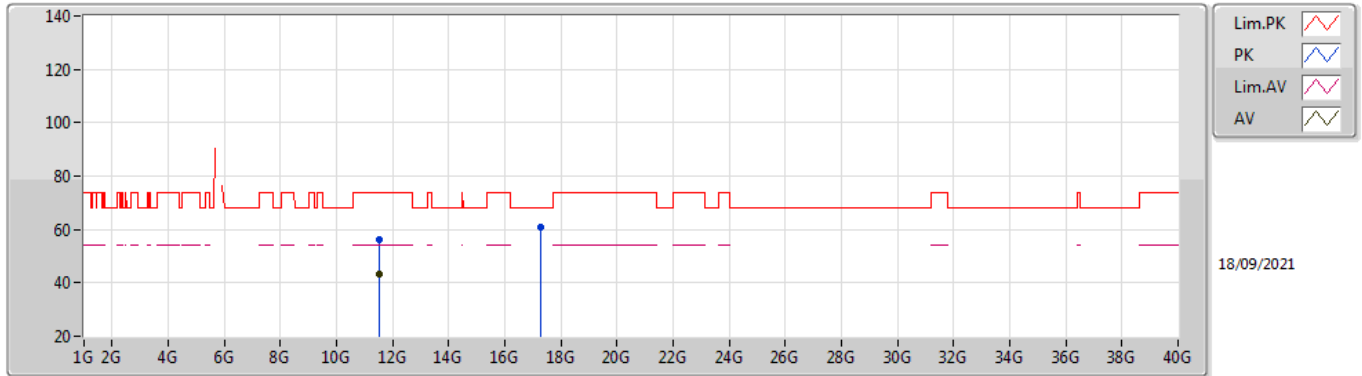
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7562G	113.31	Inf	-Inf	4.17	3	Horizontal	5	1.04	-	109.14	32.01	6.93	34.77
PK	5.647G	66.70	68.20	-1.50	3.90	3	Horizontal	5	1.04	-	62.80	31.70	6.97	34.77
PK	5.7418G	124.88	Inf	-Inf	4.13	3	Horizontal	5	1.04	-	120.75	31.97	6.93	34.77
PK	5.9362G	60.84	68.20	-7.36	5.11	3	Horizontal	5	1.04	-	55.73	32.37	7.51	34.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

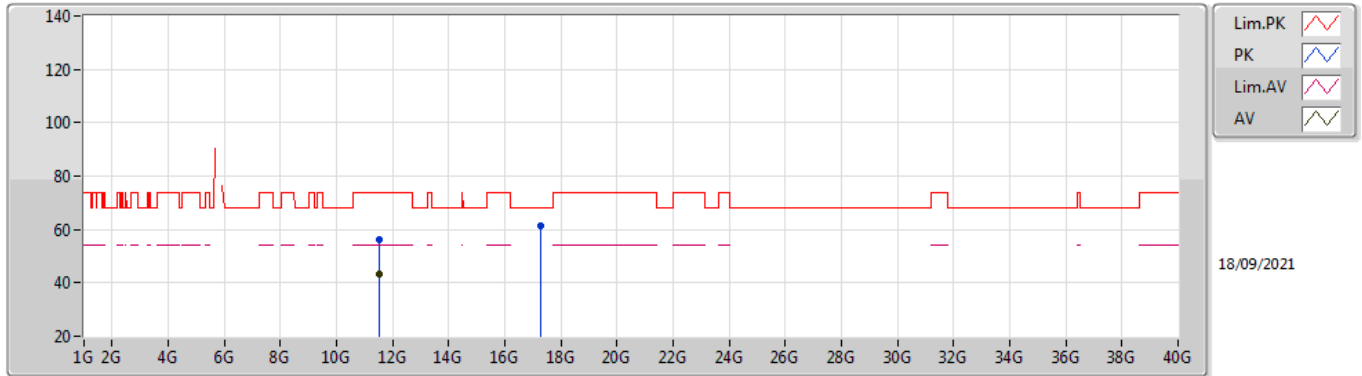
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5062G	43.29	54.00	-10.71	14.66	3	Vertical	209	1.50	-	28.63	39.90	9.37	34.61
PK	11.5102G	56.34	74.00	-17.66	14.66	3	Vertical	209	1.50	-	41.68	39.90	9.37	34.61
PK	17.2669G	61.03	68.20	-7.17	18.43	3	Vertical	128	2.05	-	42.60	39.80	12.93	34.30

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

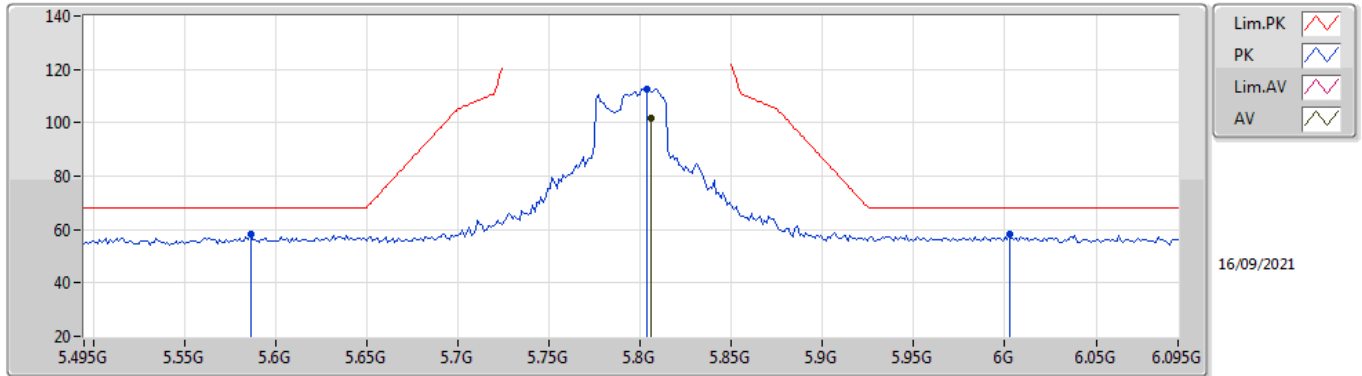
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5327G	43.45	54.00	-10.55	14.66	3	Horizontal	183	2.26	-	28.79	39.90	9.38	34.62
PK	11.5117G	55.95	74.00	-18.05	14.66	3	Horizontal	183	2.26	-	41.29	39.90	9.37	34.61
PK	17.2829G	61.45	68.20	-6.75	18.41	3	Horizontal	19	1.47	-	43.04	39.80	12.93	34.32

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

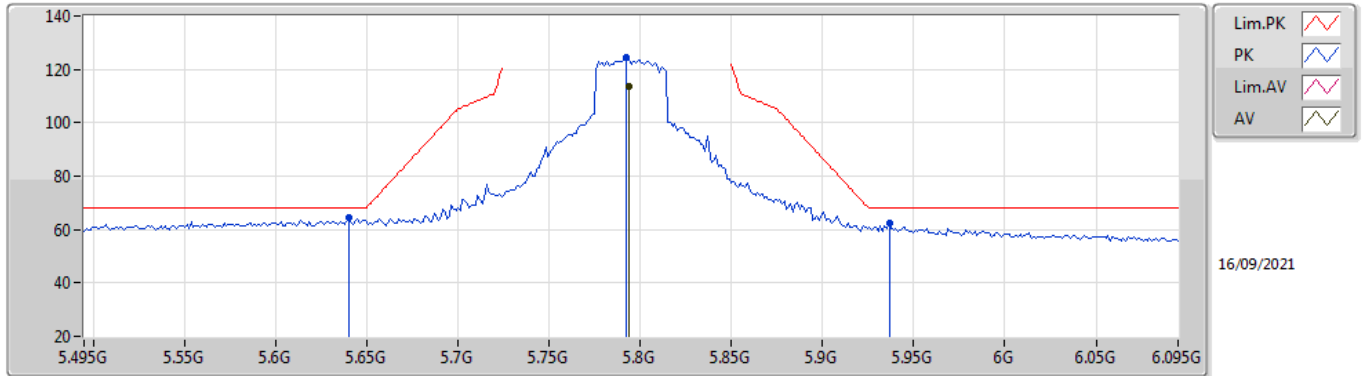
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8058G	101.65	Inf	-Inf	4.28	3	Vertical	111	2.94	-	97.37	32.11	6.94	34.77
PK	5.5862G	58.02	68.20	-10.18	3.93	3	Vertical	111	2.94	-	54.09	31.70	7.00	34.77
PK	5.8034G	112.63	Inf	-Inf	4.26	3	Vertical	111	2.94	-	108.37	32.11	6.92	34.77
PK	6.0026G	58.34	68.20	-9.86	5.41	3	Vertical	111	2.94	-	52.93	32.40	7.78	34.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

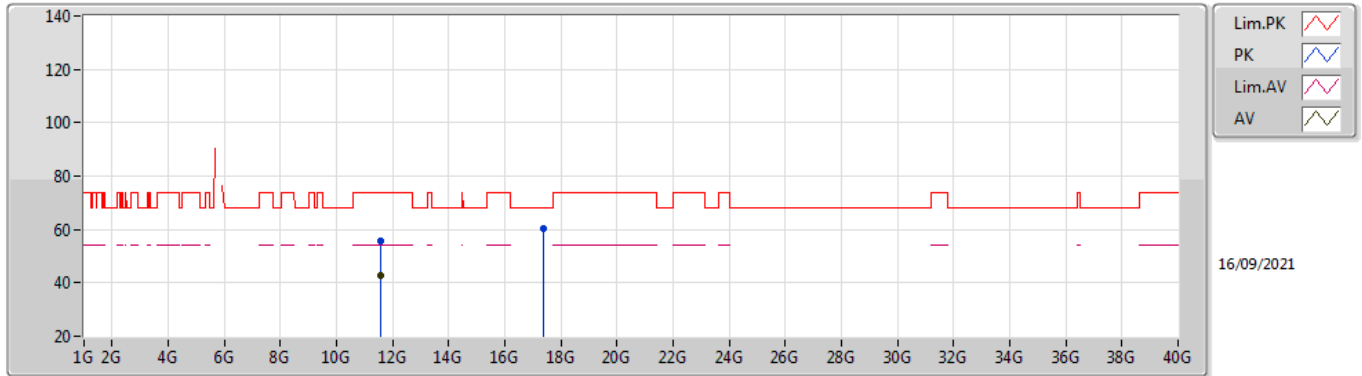
5795MHz_TX



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	5.7938G	113.57	Inf	-Inf	4.23	3	Horizontal	14	1.04	-	109.34	32.09	6.91	34.77
PK	5.6402G	64.59	68.20	-3.61	3.90	3	Horizontal	14	1.04	-	60.69	31.70	6.97	34.77
PK	5.7926G	124.56	Inf	-Inf	4.23	3	Horizontal	14	1.04	-	120.33	32.09	6.91	34.77
PK	5.9366G	62.29	68.20	-5.91	5.11	3	Horizontal	14	1.04	-	57.18	32.37	7.51	34.77

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

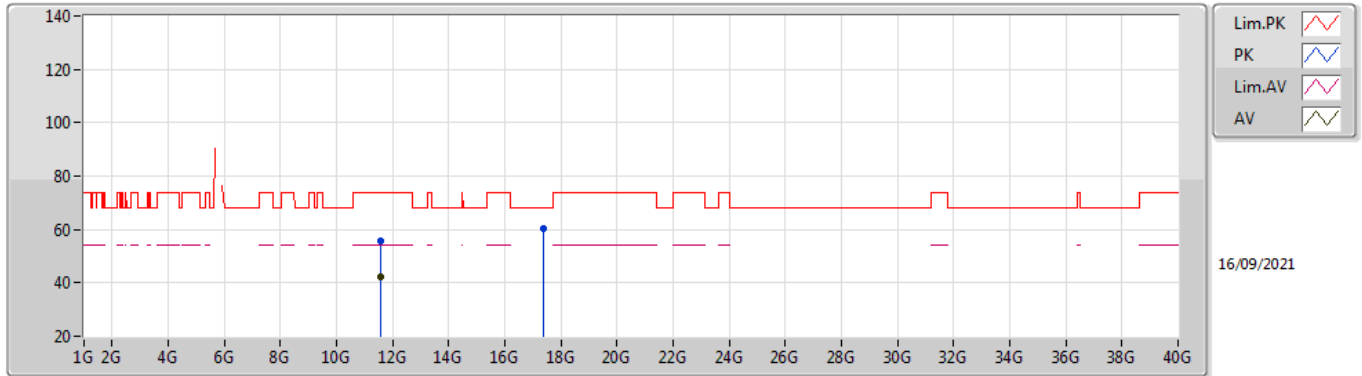
5795MHz_TX



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	11.58962G	42.90	54.00	-11.10	14.65	3	Vertical	92	1.08	-	28.25	39.90	9.39	34.64
PK	11.59212G	55.55	74.00	-18.45	14.66	3	Vertical	92	1.08	-	40.89	39.90	9.40	34.64
PK	17.38178G	60.60	68.20	-7.60	19.05	3	Vertical	295	1.00	-	41.55	40.54	12.96	34.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

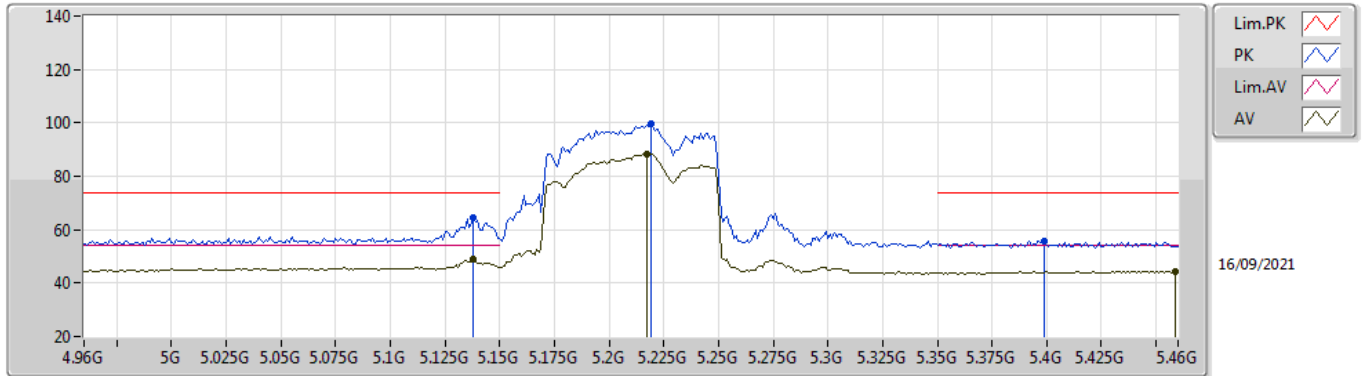
5795MHz_TX



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	11.58608G	42.47	54.00	-11.53	14.66	3	Horizontal	210	2.55	-	27.81	39.90	9.39	34.63
PK	11.59008G	55.48	74.00	-18.52	14.65	3	Horizontal	210	2.55	-	40.83	39.90	9.39	34.64
PK	17.38918G	60.40	68.20	-7.80	19.10	3	Horizontal	108	1.34	-	41.30	40.60	12.96	34.46

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

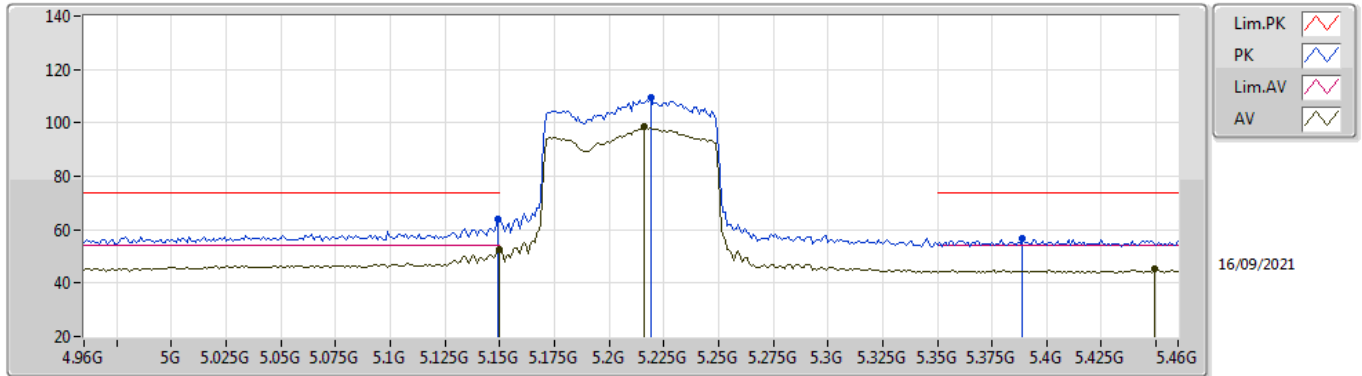
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.138G	49.00	54.00	-5.00	4.01	3	Vertical	138	2.67	-	44.99	31.90	6.87	34.76
AV	5.217G	88.38	Inf	-Inf	3.78	3	Vertical	138	2.67	-	84.60	31.63	6.91	34.76
AV	5.459G	44.42	54.00	-9.58	3.93	3	Vertical	138	2.67	-	40.49	31.62	7.08	34.77
PK	5.138G	64.52	74.00	-9.48	4.01	3	Vertical	138	2.67	-	60.51	31.90	6.87	34.76
PK	5.219G	99.74	Inf	-Inf	3.77	3	Vertical	138	2.67	-	95.97	31.62	6.91	34.76
PK	5.399G	55.92	74.00	-18.08	3.75	3	Vertical	138	2.67	-	52.17	31.40	7.12	34.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

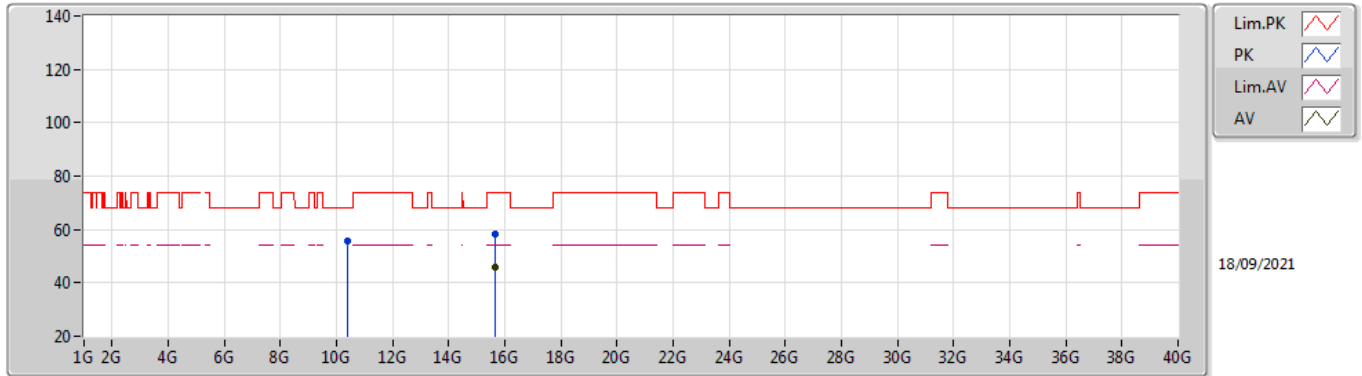
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.80	54.00	-1.20	4.01	3	Horizontal	351	1.15	-	48.79	31.90	6.87	34.76
AV	5.216G	98.38	Inf	-Inf	3.79	3	Horizontal	351	1.15	-	94.59	31.64	6.91	34.76
AV	5.449G	45.43	54.00	-8.57	3.92	3	Horizontal	351	1.15	-	41.51	31.60	7.09	34.77
PK	5.149G	63.79	74.00	-10.21	4.01	3	Horizontal	351	1.15	-	59.78	31.90	6.87	34.76
PK	5.219G	109.39	Inf	-Inf	3.77	3	Horizontal	351	1.15	-	105.62	31.62	6.91	34.76
PK	5.389G	56.47	74.00	-17.53	3.70	3	Horizontal	351	1.15	-	52.77	31.36	7.11	34.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

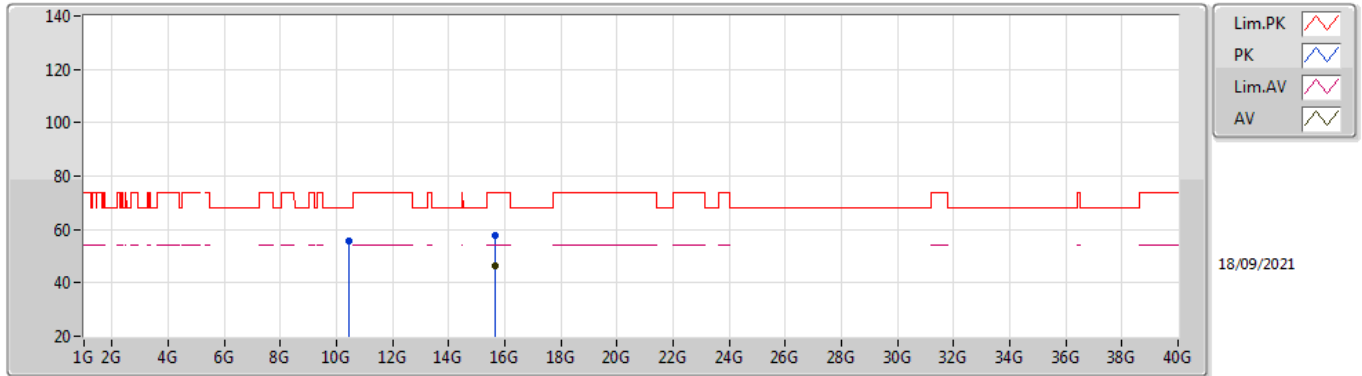
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6474G	45.95	54.00	-8.05	15.08	3	Vertical	73	3.00	-	30.87	37.86	12.21	34.99
PK	10.4095G	55.53	68.20	-12.67	13.76	3	Vertical	5	1.50	-	41.77	39.73	9.01	34.98
PK	15.653G	58.49	74.00	-15.51	15.06	3	Vertical	73	3.00	-	43.43	37.84	12.21	34.99

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

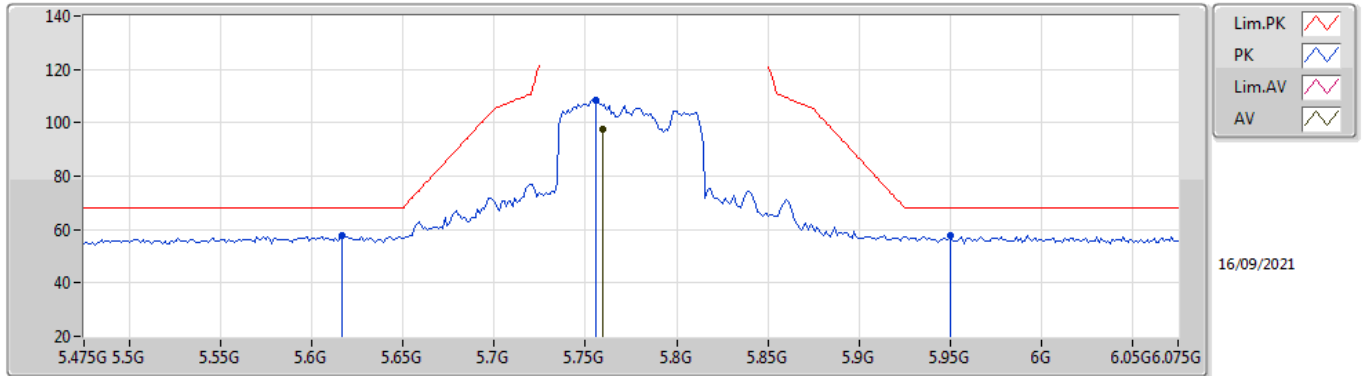
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.6448G	46.23	54.00	-7.77	15.10	3	Horizontal	122	2.91	-	31.13	37.87	12.21	34.98
PK	10.4277G	55.76	68.20	-12.44	13.82	3	Horizontal	339	1.00	-	41.94	39.78	9.01	34.97
PK	15.6397G	57.92	74.00	-16.08	15.10	3	Horizontal	122	2.91	-	42.82	37.88	12.20	34.98

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

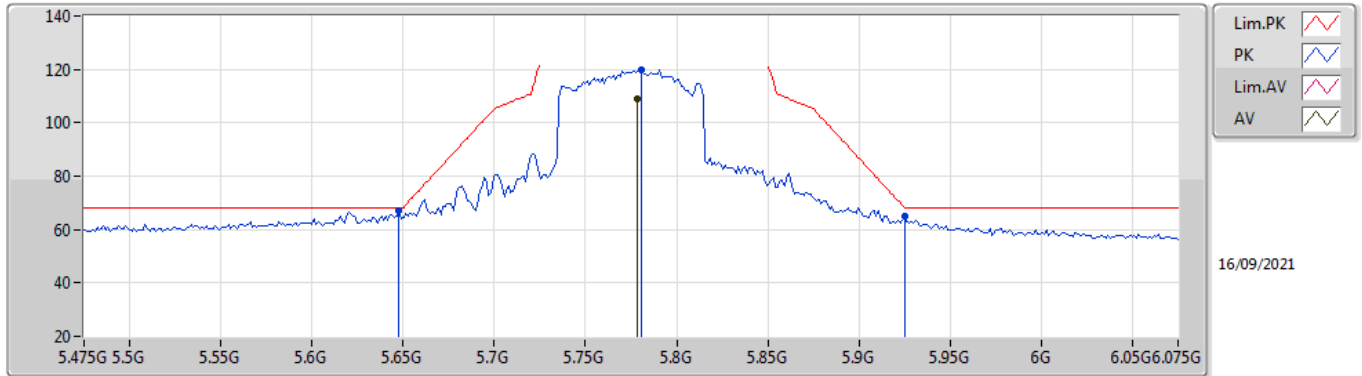
5775MHz_TX



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	5.7594G	97.81	Inf	-Inf	4.18	3	Vertical	120	2.71	-	93.63	32.02	6.93	34.77
PK	5.6166G	57.78	68.20	-10.42	3.91	3	Vertical	120	2.71	-	53.87	31.70	6.98	34.77
PK	5.7558G	108.68	Inf	-Inf	4.17	3	Vertical	120	2.71	-	104.51	32.01	6.93	34.77
PK	5.9502G	57.60	68.20	-10.60	5.20	3	Vertical	120	2.71	-	52.40	32.40	7.57	34.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

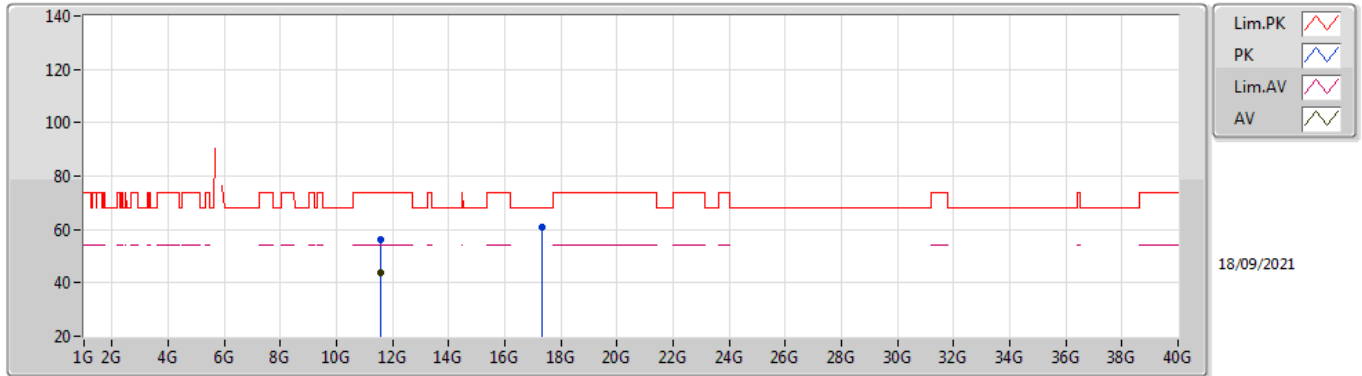
5775MHz_TX



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	5.7786G	108.78	Inf	-Inf	4.21	3	Horizontal	7	1.09	-	104.57	32.06	6.92	34.77
PK	5.6478G	66.97	68.20	-1.23	3.90	3	Horizontal	7	1.09	-	63.07	31.70	6.97	34.77
PK	5.781G	119.98	Inf	-Inf	4.21	3	Horizontal	7	1.09	-	115.77	32.06	6.92	34.77
PK	5.925G	65.08	68.20	-3.12	5.04	3	Horizontal	7	1.09	-	60.04	32.35	7.46	34.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

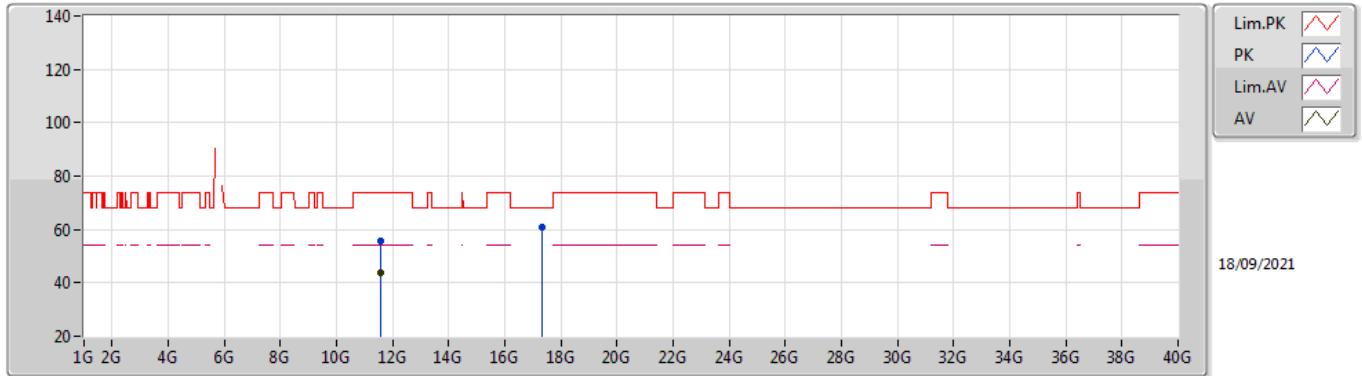
5775MHz_TX



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	11.55036G	43.96	54.00	-10.04	14.66	3	Vertical	27	1.49	-	29.30	39.90	9.38	34.62
PK	11.55708G	56.15	74.00	-17.85	14.65	3	Vertical	27	1.49	-	41.50	39.90	9.38	34.63
PK	17.32878G	61.01	68.20	-7.19	18.63	3	Vertical	13	1.29	-	42.38	40.06	12.95	34.38

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

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	11.55416G	43.89	54.00	-10.11	14.65	3	Horizontal	274	1.50	-	29.24	39.90	9.38	34.63
PK	11.5556G	55.74	74.00	-18.26	14.65	3	Horizontal	274	1.50	-	41.09	39.90	9.38	34.63
PK	17.349G	60.71	68.20	-7.49	18.78	3	Horizontal	42	1.51	-	41.93	40.24	12.95	34.41