

FCC Radio Test Report

FCC ID : TOR-W318
Equipment : 802.11 a/n/ac/ax + b/g/n/ax Access Point
Brand Name : Arista
Model Name : W-318
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 05, 2022, and testing was started from Aug. 16, 2022 and completed on Sep. 13, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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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:

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

Reviewed by: Barry Hsiao

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
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	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Senao	5718A0718300	PIFA	I-Pex	2.4G+5G	1 & 2
2	Senao	5718A0719300	PIFA	I-Pex	2.4G+5G	
3	M-gear	7004A0576000	Dipole	I-Pex	6E	3
4	M-gear	7004A0577000	Dipole	I-Pex	6E	
5	M-gear	7004A0578000	Dipole	I-Pex	BT	-

Ant.	Port	Gain (dBi)			
		2.4G	5G	6G	BT
1	1	4.44	5.86	-	-
2	2	4.32	5.31	-	-
3	1	-	-	5.64	-
4	2	-	-	5.39	-
5	1	-	-	-	5.21

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

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

For BT function:

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

Only Ant. 5 (port 1) can be used as transmitting/receiving.

For 5GHz function:

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

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

For 6GHz function:

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

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
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)_2TX	0.937	0.28	1.434m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.948	0.23	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.952	0.21	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.953	0.21	5.446m	300

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.948	0.23	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.952	0.21	5.446m	300
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.953	0.21	5.446m	300

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

1.2 Testing Applied Standards

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

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

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Wayne Chiu	20.5~20.8°C / 54~57%	25/Aug/2022~26/Aug/2022
RF Conducted	TH07-HY	Yuna Lin	22.6~26°C / 50~63%	07/Sep/2022~13/Sep/2022
Radiated	03CH02-HY	Daniel Lin	20.4~24.2°C / 58~60%	16/Aug/2022~01/Sep/2022
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00089.1
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16
5200MHz	19
5240MHz	18
5745MHz	20
5785MHz	20
5825MHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	19
5240MHz	19
5745MHz	20.5
5785MHz	20.5
5825MHz	23
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	15.5
5230MHz	17
5755MHz	19.5
5795MHz	20.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	15.5
5775MHz	17.5

**Beamforming**

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	16.5
5200MHz	19
5240MHz	19
5745MHz	20.5
5785MHz	20.5
5825MHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	15.5
5230MHz	17
5755MHz	19.5
5795MHz	20.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	15.5
5775MHz	17.5

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio1_WLAN 2.4G+Radio2_WLAN 5G+Radio3_6E+BT
Refer to Sporton Test Report No.: FA221041 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



2.3 Support Equipment

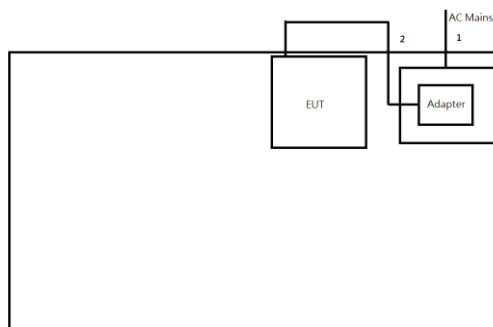
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power Sync	PW-GPC180-3	-	-
2	Adapter	Powertron Electronics Corp.	PA1030-120HUB300	-	-
3	PoE	EnGenius	PNA90BGS-54-TG	-	-
4	AC Power Cord	EnGenius	E315167	-	-
5	RJ45 Cable	Power Sync	CAT-6E-02	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Adapter	Powertron Electronics Corp.	PA1030-120HUB300	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power Sync	PW-GPC180-3	-	-
2	Adapter	Powertron Electronics Corp.	PA1030-120HUB300	-	-

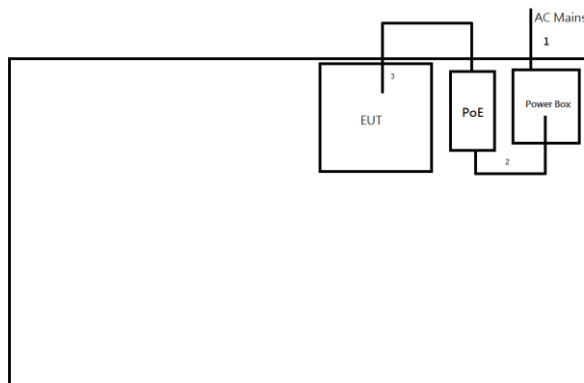
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test (Adapter)

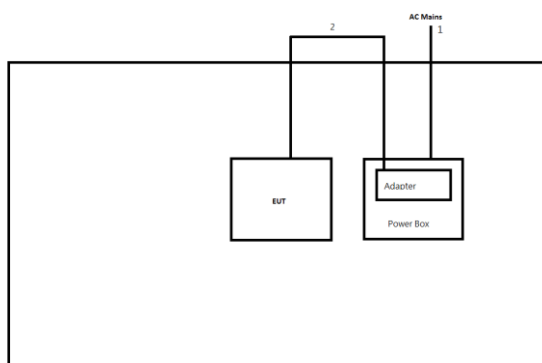


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power Cable	No	1.5	-

Test Setup Diagram – AC Line Conducted Emission Test (PoE)



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power Cord	No	0.5	-
3	RJ45 Cable	No	2.0	-

Test Setup Diagram - Radiated Test


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

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

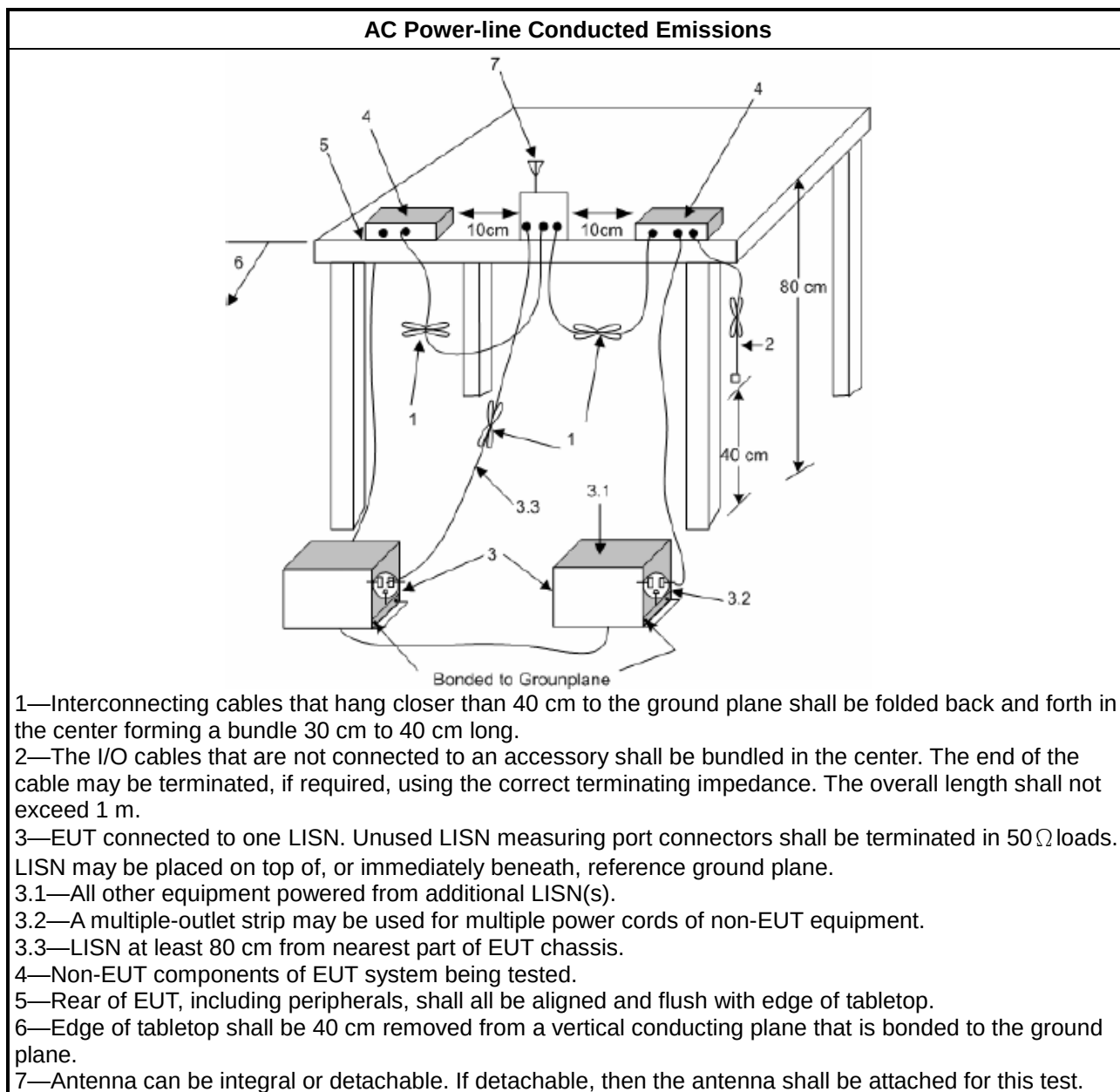
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

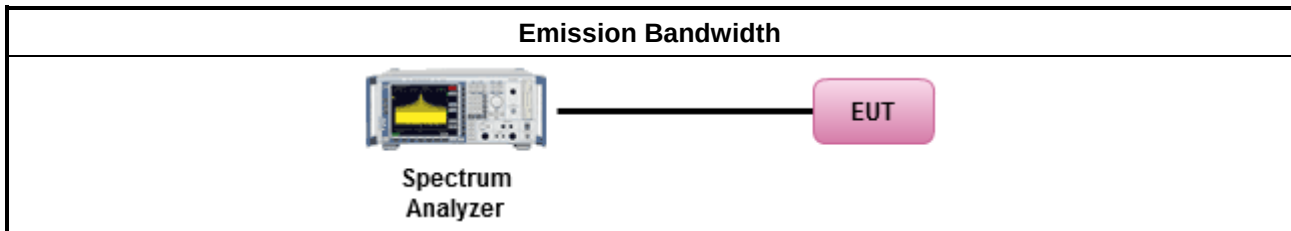
3.2.2 Measuring Instruments

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.	

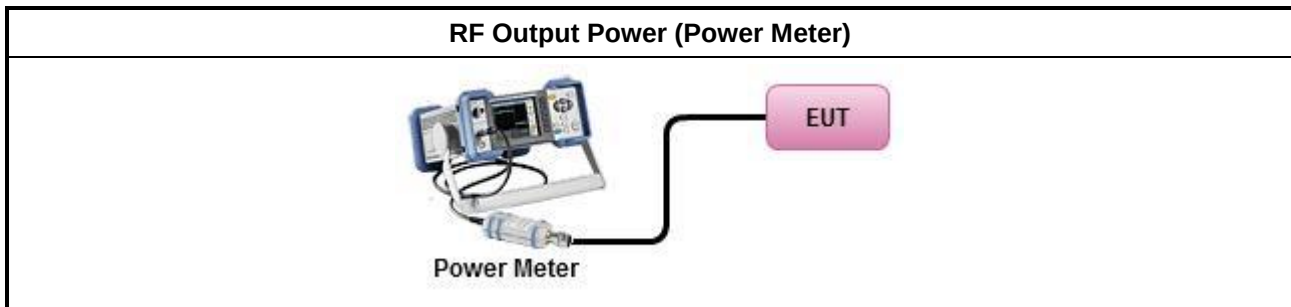
3.3.2 Measuring Instruments

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 he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

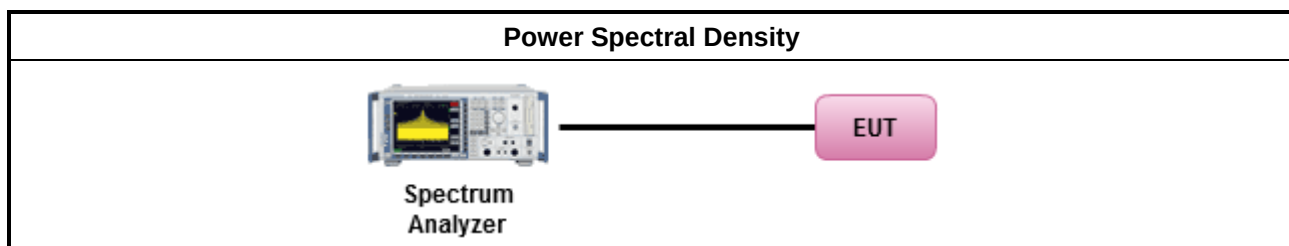
3.4.2 Measuring Instruments

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, F5) 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

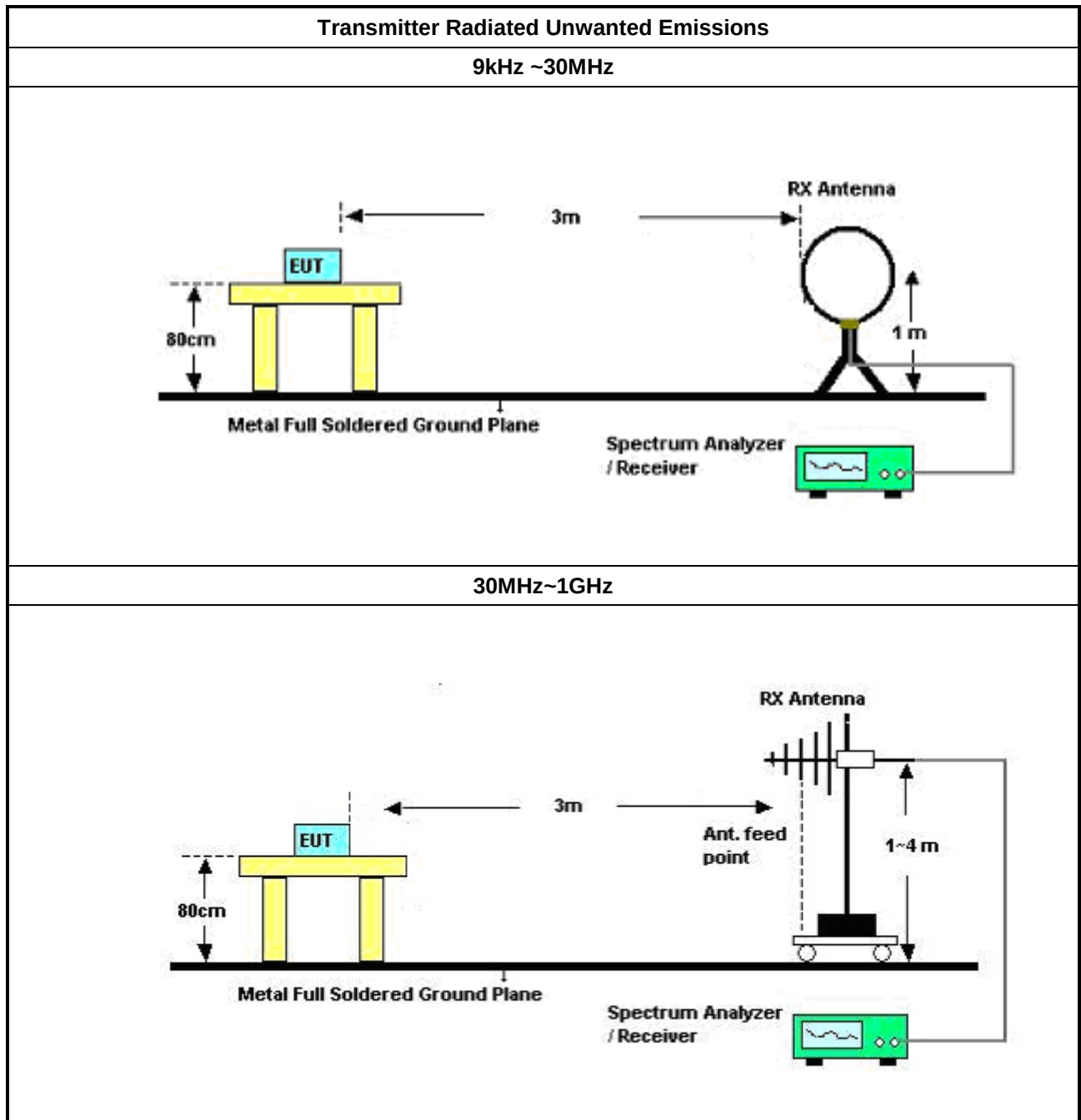
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

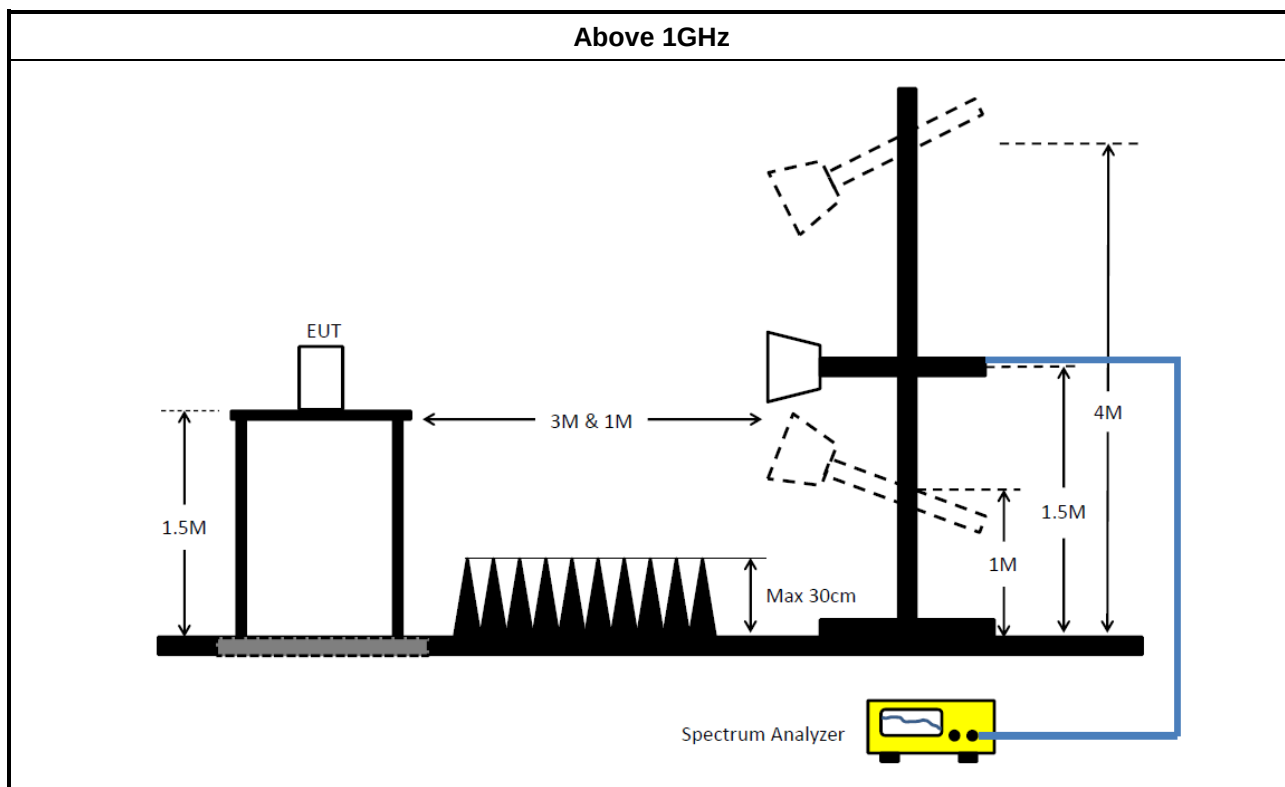
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.8.2	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2021	16/Dec/2022
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	20/Dec/2021	19/Dec/2022
SENSE-15407_NII	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 02268	1GHz~18GHz	14/Sep/2021	13/Sep/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	04/May/2022	03/May/2023
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	04/May/2022	03/May/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	13/May/2022	12/May/2023
SENSE-15407_NII	Sporton	V5.10.8.1	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Non-Beamforming

Appendix A

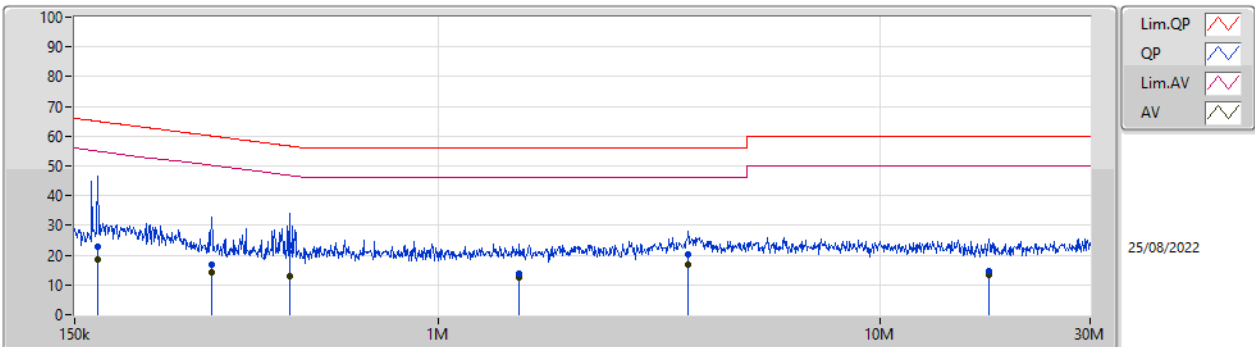
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	3.686M	16.94	46.00	-29.06	Line
Mode 2	Pass	QP	153.636k	53.34	65.81	-12.47	Neutral

Mode Configure

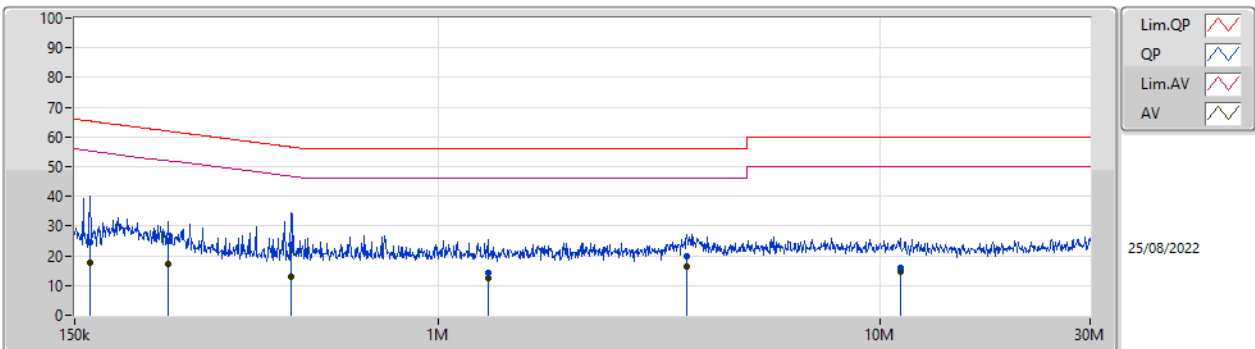
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	169.084k	22.79	65.01	-42.22	Line	-
Mode 1	Pass	AV	169.084k	18.68	55.01	-36.33	Line	-
Mode 1	Pass	QP	306.497k	16.96	60.07	-43.11	Line	-
Mode 1	Pass	AV	306.497k	14.28	50.07	-35.79	Line	-
Mode 1	Pass	QP	460.537k	23.13	56.69	-33.56	Line	-
Mode 1	Pass	AV	460.537k	12.91	46.69	-33.78	Line	-
Mode 1	Pass	QP	1.525M	13.81	56.00	-42.19	Line	-
Mode 1	Pass	AV	1.525M	12.39	46.00	-33.61	Line	-
Mode 1	Pass	QP	3.686M	20.22	56.00	-35.78	Line	-
Mode 1	Pass	AV	3.686M	16.94	46.00	-29.06	Line	-
Mode 1	Pass	QP	17.696M	14.76	60.00	-45.24	Line	-
Mode 1	Pass	AV	17.696M	13.51	50.00	-36.49	Line	-
Mode 1	Pass	QP	162.467k	24.67	65.33	-40.66	Neutral	-
Mode 1	Pass	AV	162.467k	17.70	55.33	-37.63	Neutral	-
Mode 1	Pass	QP	245.097k	24.82	61.93	-37.11	Neutral	-
Mode 1	Pass	AV	245.097k	17.24	51.93	-34.69	Neutral	-
Mode 1	Pass	QP	464.229k	23.56	56.61	-33.05	Neutral	-
Mode 1	Pass	AV	464.229k	12.98	46.61	-33.63	Neutral	-
Mode 1	Pass	QP	1.295M	14.38	56.00	-41.62	Neutral	-
Mode 1	Pass	AV	1.295M	12.41	46.00	-33.59	Neutral	-
Mode 1	Pass	QP	3.656M	19.68	56.00	-36.32	Neutral	-
Mode 1	Pass	AV	3.656M	16.59	46.00	-29.41	Neutral	-
Mode 1	Pass	QP	11.137M	16.08	60.00	-43.92	Neutral	-
Mode 1	Pass	AV	11.137M	14.72	50.00	-35.28	Neutral	-
Mode 2	Pass	QP	154.251k	52.91	65.77	-12.86	Line	-
Mode 2	Pass	AV	154.251k	40.69	55.77	-15.08	Line	-
Mode 2	Pass	QP	192.124k	36.78	63.93	-27.15	Line	-
Mode 2	Pass	AV	192.124k	17.43	53.93	-36.50	Line	-
Mode 2	Pass	QP	394.139k	23.51	57.97	-34.46	Line	-
Mode 2	Pass	AV	394.139k	13.09	47.97	-34.88	Line	-
Mode 2	Pass	QP	1.29M	15.21	56.00	-40.79	Line	-
Mode 2	Pass	AV	1.29M	12.45	46.00	-33.55	Line	-
Mode 2	Pass	QP	2.15M	19.83	56.00	-36.17	Line	-
Mode 2	Pass	AV	2.15M	16.90	46.00	-29.10	Line	-
Mode 2	Pass	QP	18.343M	33.86	60.00	-26.14	Line	-
Mode 2	Pass	AV	18.343M	29.25	50.00	-20.75	Line	-
Mode 2	Pass	QP	153.636k	53.34	65.81	-12.47	Neutral	-
Mode 2	Pass	AV	153.636k	40.82	55.81	-14.99	Neutral	-
Mode 2	Pass	QP	191.358k	34.62	63.97	-29.35	Neutral	-
Mode 2	Pass	AV	191.358k	17.62	53.97	-36.35	Neutral	-
Mode 2	Pass	QP	228.103k	41.15	62.52	-21.37	Neutral	-
Mode 2	Pass	AV	228.103k	28.04	52.52	-24.48	Neutral	-
Mode 2	Pass	QP	1.269M	15.27	56.00	-40.73	Neutral	-
Mode 2	Pass	AV	1.269M	12.48	46.00	-33.52	Neutral	-
Mode 2	Pass	QP	2.256M	16.56	56.00	-39.44	Neutral	-
Mode 2	Pass	AV	2.256M	14.03	46.00	-31.97	Neutral	-
Mode 2	Pass	QP	22.575M	33.49	60.00	-26.51	Neutral	-
Mode 2	Pass	AV	22.575M	29.55	50.00	-20.45	Neutral	-

Conducted Emissions at Powerline_Mode 1



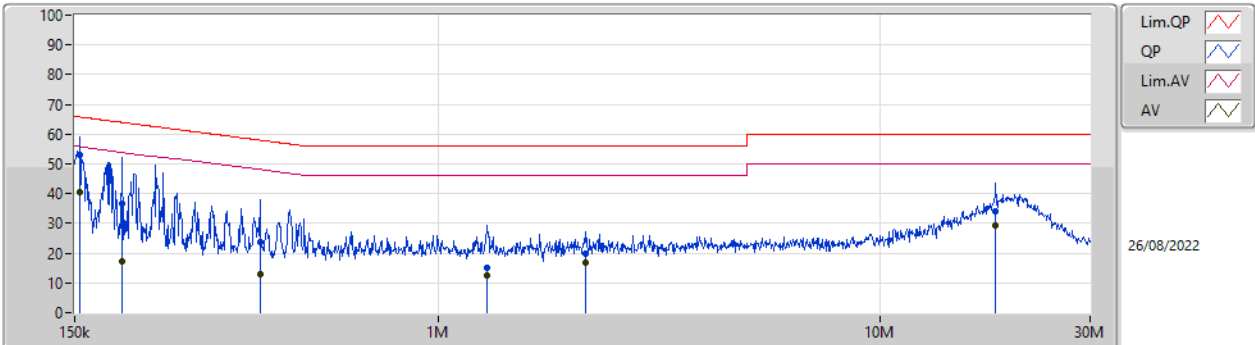
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT				
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)				
QP	169.084k	22.79	65.01	-42.22	19.63	Line	-	3.16	9.69	0.03	9.91				
AV	169.084k	18.68	55.01	-36.33	19.63	Line	-	-0.95	9.69	0.03	9.91				
QP	306.497k	16.96	60.07	-43.11	19.63	Line	-	-2.67	9.68	0.04	9.91				
AV	306.497k	14.28	50.07	-35.79	19.63	Line	-	-5.35	9.68	0.04	9.91				
QP	460.537k	23.13	56.69	-33.56	19.63	Line	-	3.50	9.68	0.04	9.91				
AV	460.537k	12.91	46.69	-33.78	19.63	Line	-	-6.72	9.68	0.04	9.91				
QP	1.525M	13.81	56.00	-42.19	19.68	Line	-	-5.87	9.69	0.07	9.92				
AV	1.525M	12.39	46.00	-33.61	19.68	Line	-	-7.29	9.69	0.07	9.92				
QP	3.686M	20.22	56.00	-35.78	19.75	Line	-	0.47	9.71	0.12	9.92				
AV	3.686M	16.94	46.00	-29.06	19.75	Line	-	-2.81	9.71	0.12	9.92				
QP	17.696M	14.76	60.00	-45.24	19.98	Line	-	-5.22	9.79	0.26	9.93				
AV	17.696M	13.51	50.00	-36.49	19.98	Line	-	-6.47	9.79	0.26	9.93				

Conducted Emissions at Powerline_Mode 1



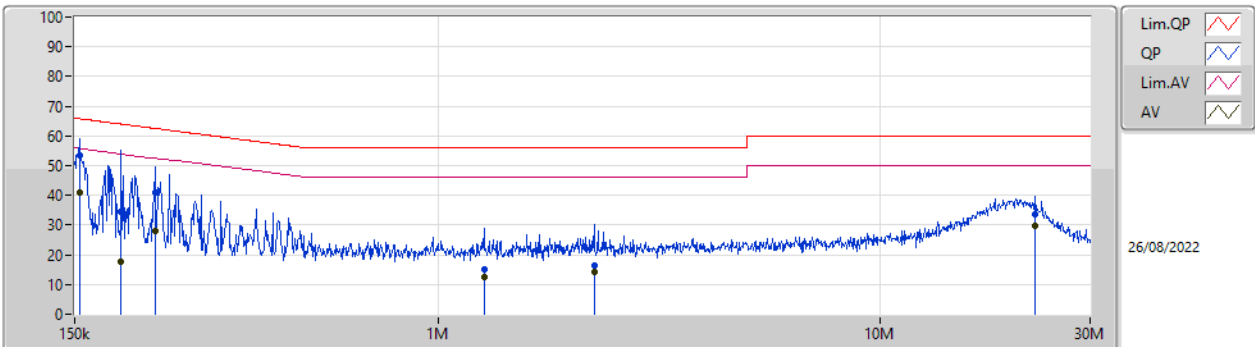
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT				
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)				
QP	162.467k	24.67	65.33	-40.66	19.67	Neutral	-	5.00	9.73	0.03	9.91				
AV	162.467k	17.70	55.33	-37.63	19.67	Neutral	-	-1.97	9.73	0.03	9.91				
QP	245.097k	24.82	61.93	-37.11	19.66	Neutral	-	5.16	9.72	0.03	9.91				
AV	245.097k	17.24	51.93	-34.69	19.66	Neutral	-	-2.42	9.72	0.03	9.91				
QP	464.229k	23.56	56.61	-33.05	19.67	Neutral	-	3.89	9.72	0.04	9.91				
AV	464.229k	12.98	46.61	-33.63	19.67	Neutral	-	-6.69	9.72	0.04	9.91				
QP	1.295M	14.38	56.00	-41.62	19.71	Neutral	-	-5.33	9.73	0.06	9.92				
AV	1.295M	12.41	46.00	-33.59	19.71	Neutral	-	-7.30	9.73	0.06	9.92				
QP	3.656M	19.68	56.00	-36.32	19.80	Neutral	-	-0.12	9.76	0.12	9.92				
AV	3.656M	16.59	46.00	-29.41	19.80	Neutral	-	-3.21	9.76	0.12	9.92				
QP	11.137M	16.08	60.00	-43.92	20.04	Neutral	-	-3.96	9.91	0.20	9.93				
AV	11.137M	14.72	50.00	-35.28	20.04	Neutral	-	-5.32	9.91	0.20	9.93				

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.251k	52.91	65.77	-12.86	19.63	Line	-	33.28	9.69	0.03	9.91			
AV	154.251k	40.69	55.77	-15.08	19.63	Line	-	21.06	9.69	0.03	9.91			
QP	192.124k	36.78	63.93	-27.15	19.63	Line	-	17.15	9.69	0.03	9.91			
AV	192.124k	17.43	53.93	-36.50	19.63	Line	-	-2.20	9.69	0.03	9.91			
QP	394.139k	23.51	57.97	-34.46	19.63	Line	-	3.88	9.68	0.04	9.91			
AV	394.139k	13.09	47.97	-34.88	19.63	Line	-	-6.54	9.68	0.04	9.91			
QP	1.29M	15.21	56.00	-40.79	19.67	Line	-	-4.46	9.69	0.06	9.92			
AV	1.29M	12.45	46.00	-33.55	19.67	Line	-	-7.22	9.69	0.06	9.92			
QP	2.15M	19.83	56.00	-36.17	19.71	Line	-	0.12	9.70	0.09	9.92			
AV	2.15M	16.90	46.00	-29.10	19.71	Line	-	-2.81	9.70	0.09	9.92			
QP	18.343M	33.86	60.00	-26.14	19.98	Line	-	13.88	9.79	0.26	9.93			
AV	18.343M	29.25	50.00	-20.75	19.98	Line	-	9.27	9.79	0.26	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.636k	53.34	65.81	-12.47	19.67	Neutral	-	33.67	9.73	0.03	9.91			
AV	153.636k	40.82	55.81	-14.99	19.67	Neutral	-	21.15	9.73	0.03	9.91			
QP	191.358k	34.62	63.97	-29.35	19.66	Neutral	-	14.96	9.72	0.03	9.91			
AV	191.358k	17.62	53.97	-36.35	19.66	Neutral	-	-2.04	9.72	0.03	9.91			
QP	228.103k	41.15	62.52	-21.37	19.66	Neutral	-	21.49	9.72	0.03	9.91			
AV	228.103k	28.04	52.52	-24.48	19.66	Neutral	-	8.38	9.72	0.03	9.91			
QP	1.269M	15.27	56.00	-40.73	19.71	Neutral	-	-4.44	9.73	0.06	9.92			
AV	1.269M	12.48	46.00	-33.52	19.71	Neutral	-	-7.23	9.73	0.06	9.92			
QP	2.256M	16.56	56.00	-39.44	19.75	Neutral	-	-3.19	9.74	0.09	9.92			
AV	2.256M	14.03	46.00	-31.97	19.75	Neutral	-	-5.72	9.74	0.09	9.92			
QP	22.575M	33.49	60.00	-26.51	20.26	Neutral	-	13.23	10.04	0.29	9.93			
AV	22.575M	29.55	50.00	-20.45	20.26	Neutral	-	9.29	10.04	0.29	9.93			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	38.91M	24.618M	24M7D1D	20.31M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	45.33M	26.747M	26M8D1D	21.54M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	60M	38.501M	38M6D1D	40.68M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.481M	77M5D1D	81.96M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.29M	35.982M	36M0D1D	15.42M	21.229M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.75M	40.42M	40M5D1D	18.42M	22.549M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.1M	73.403M	73M5D1D	37.38M	39.88M
802.11ax HEW80_Nss1,(MCS0)_2TX	75.48M	77.601M	77M7D1D	71.28M	77.481M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.52M	16.432M	20.31M	16.432M
5200MHz	Pass	Inf	38.91M	24.618M	29.19M	16.972M
5240MHz	Pass	Inf	25.23M	16.822M	21.06M	16.492M
5745MHz	Pass	500k	15.78M	21.229M	16.29M	23.388M
5785MHz	Pass	500k	16.26M	23.508M	15.42M	25.367M
5825MHz	Pass	500k	15.99M	35.982M	15.78M	34.273M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	18.981M	21.54M	18.921M
5200MHz	Pass	Inf	41.1M	23.568M	45.33M	26.747M
5240MHz	Pass	Inf	38.16M	19.76M	32.01M	19.28M
5745MHz	Pass	500k	18.42M	22.549M	18.63M	25.967M
5785MHz	Pass	500k	18.75M	25.997M	18.72M	28.636M
5825MHz	Pass	500k	18.51M	39.61M	18.51M	40.42M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.68M	37.961M	41.46M	37.841M
5230MHz	Pass	Inf	60M	38.501M	41.58M	38.021M
5755MHz	Pass	500k	38.04M	39.88M	37.38M	47.196M
5795MHz	Pass	500k	38.1M	73.403M	37.92M	72.744M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.241M	81.96M	77.481M
5775MHz	Pass	500k	75.48M	77.481M	71.28M	77.601M

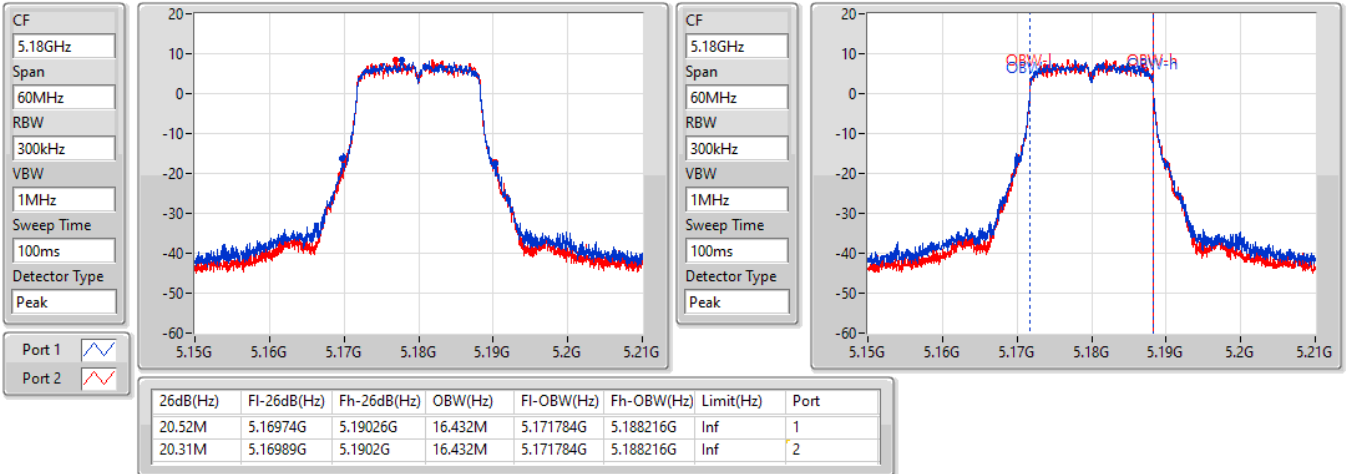
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

07/09/2022

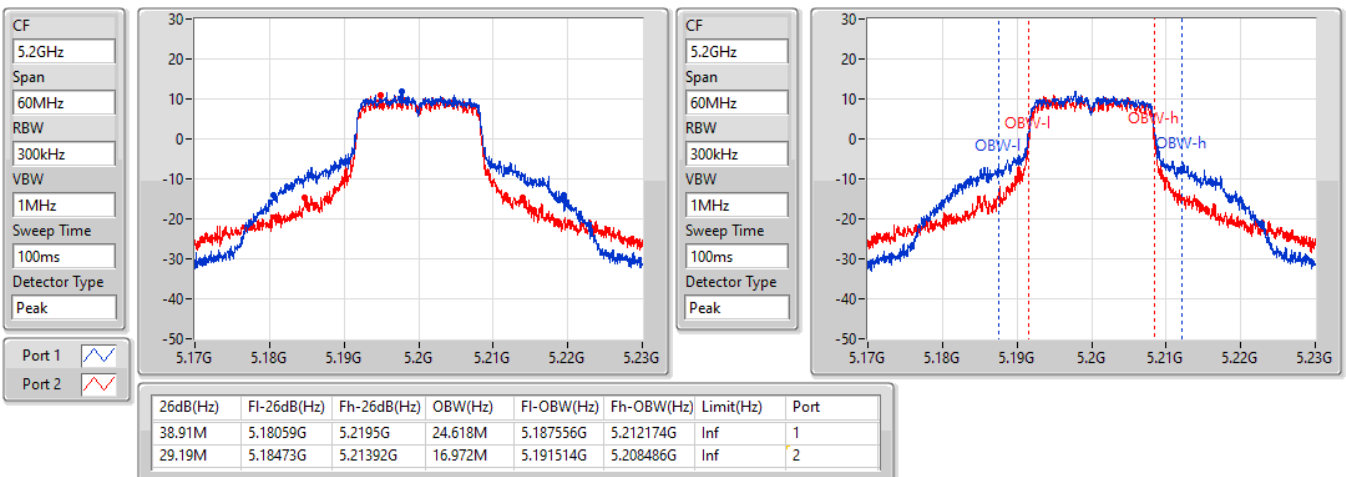


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

07/09/2022

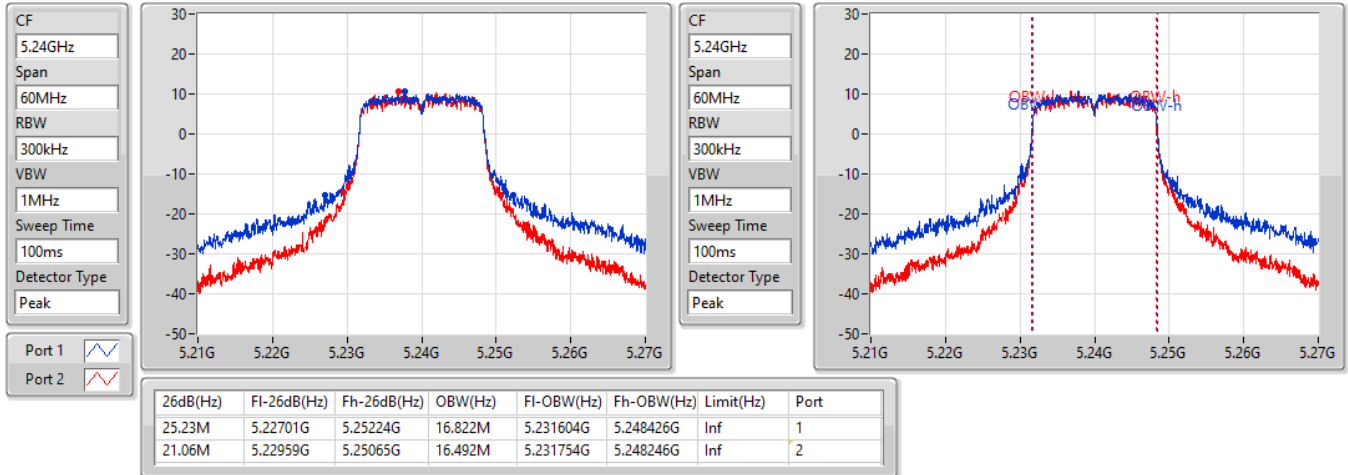


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

07/09/2022

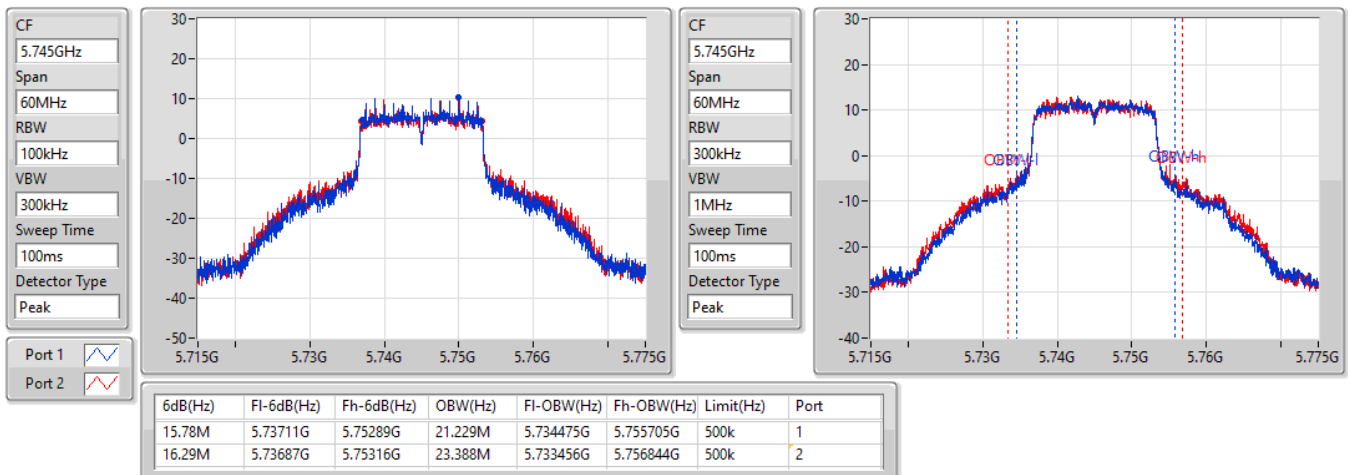


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

07/09/2022

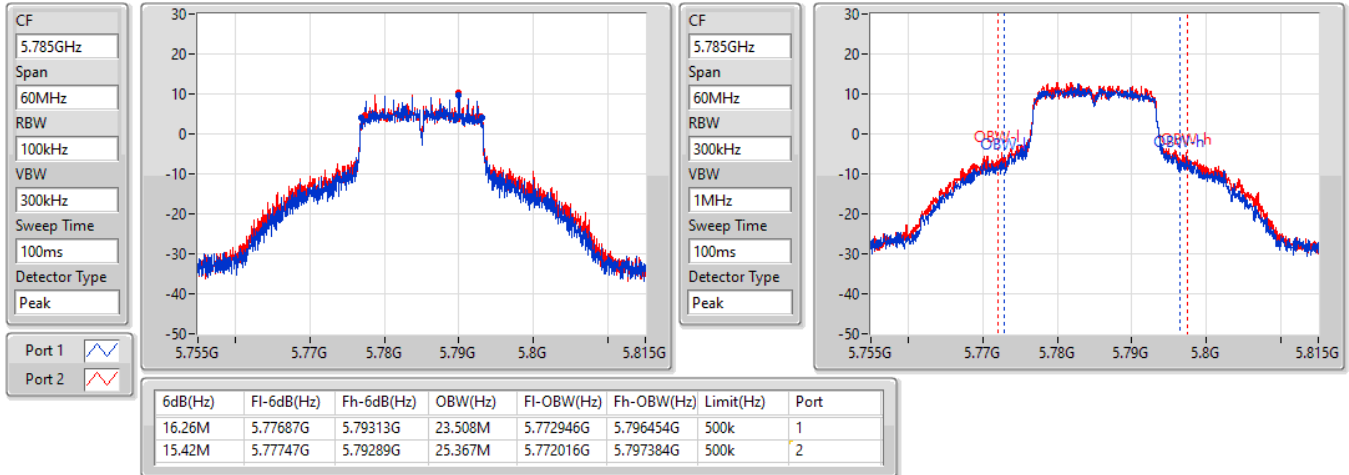


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

07/09/2022

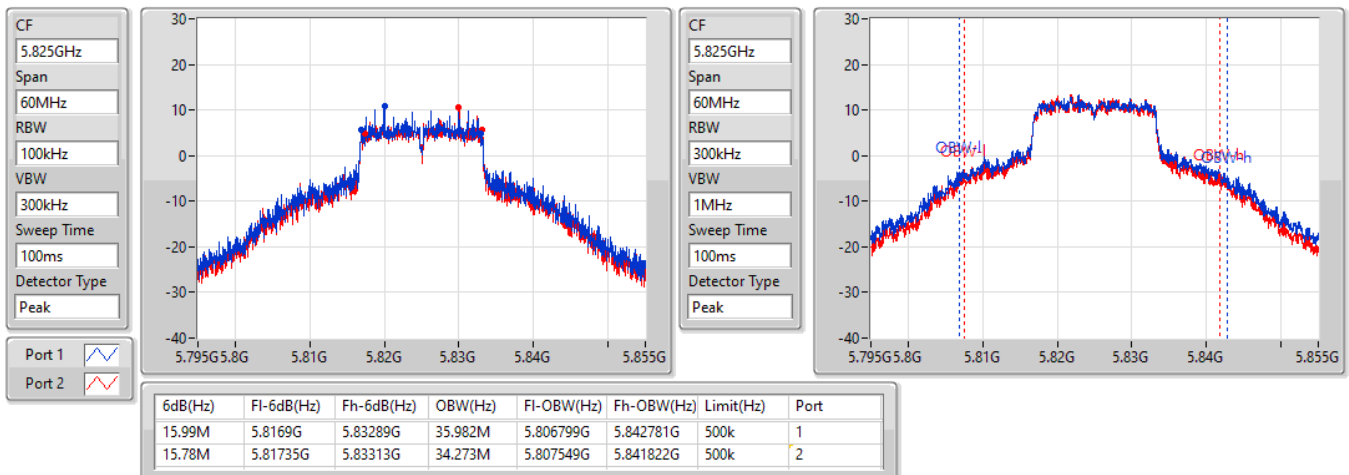


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

07/09/2022

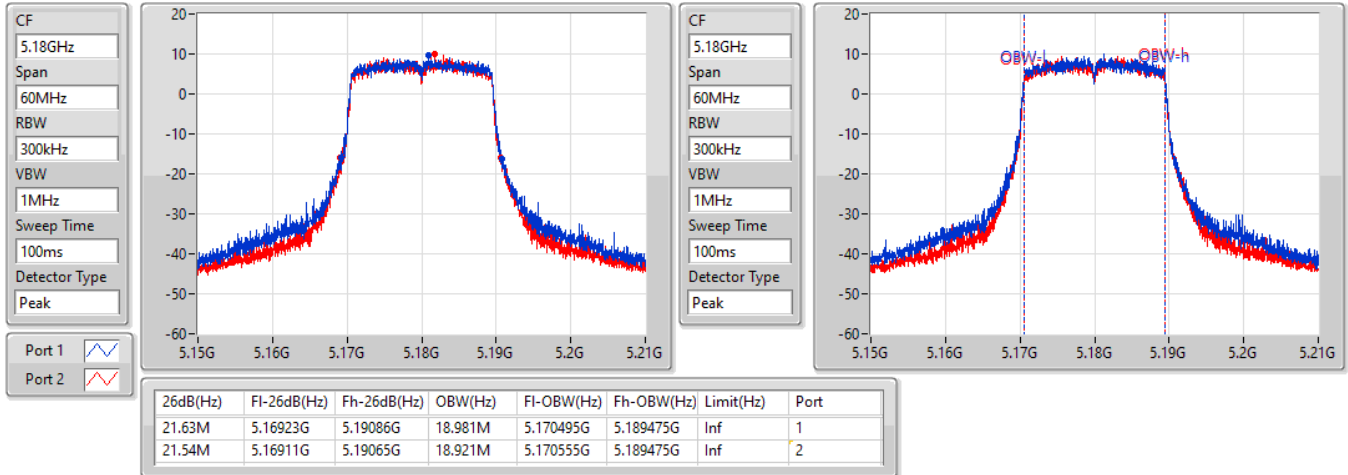


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

07/09/2022

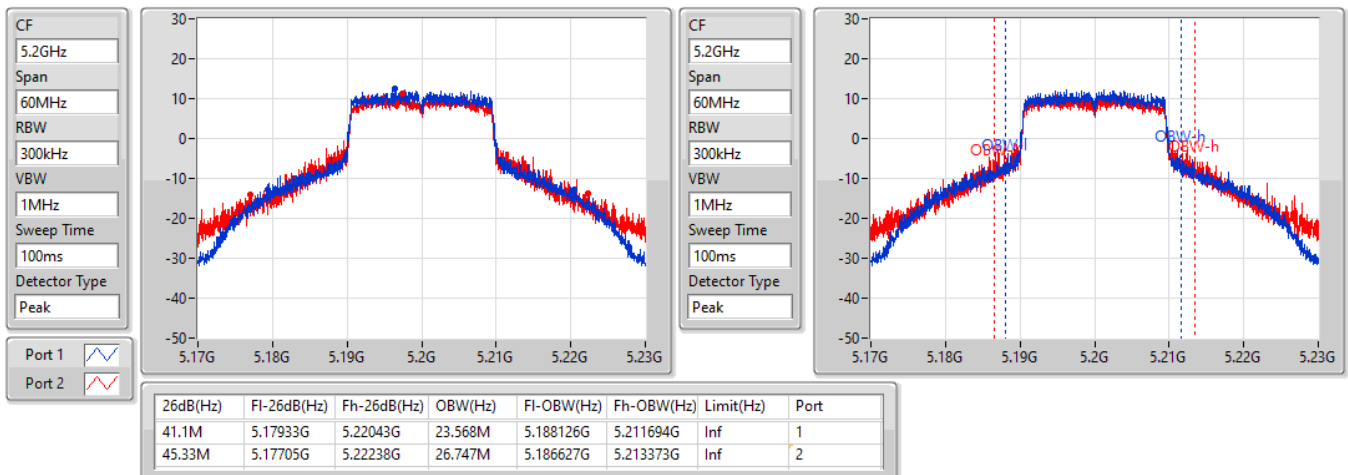


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

07/09/2022

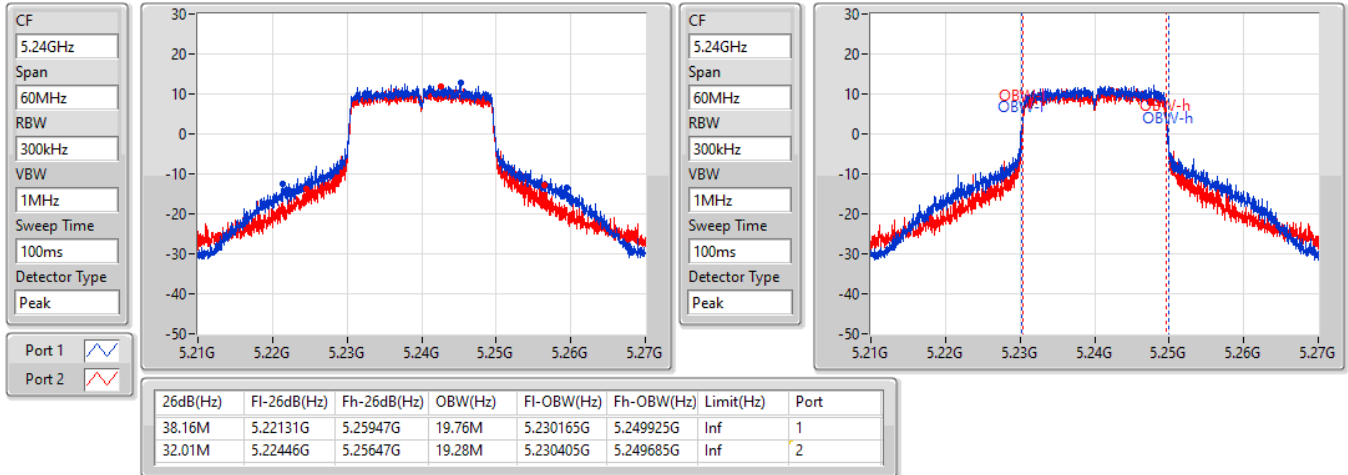


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

07/09/2022

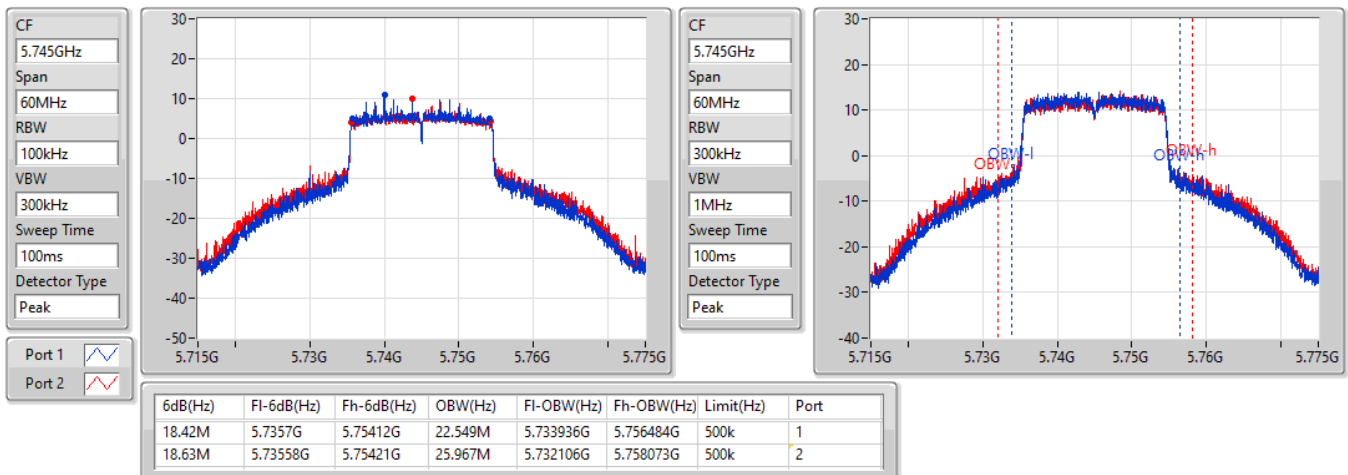


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

07/09/2022

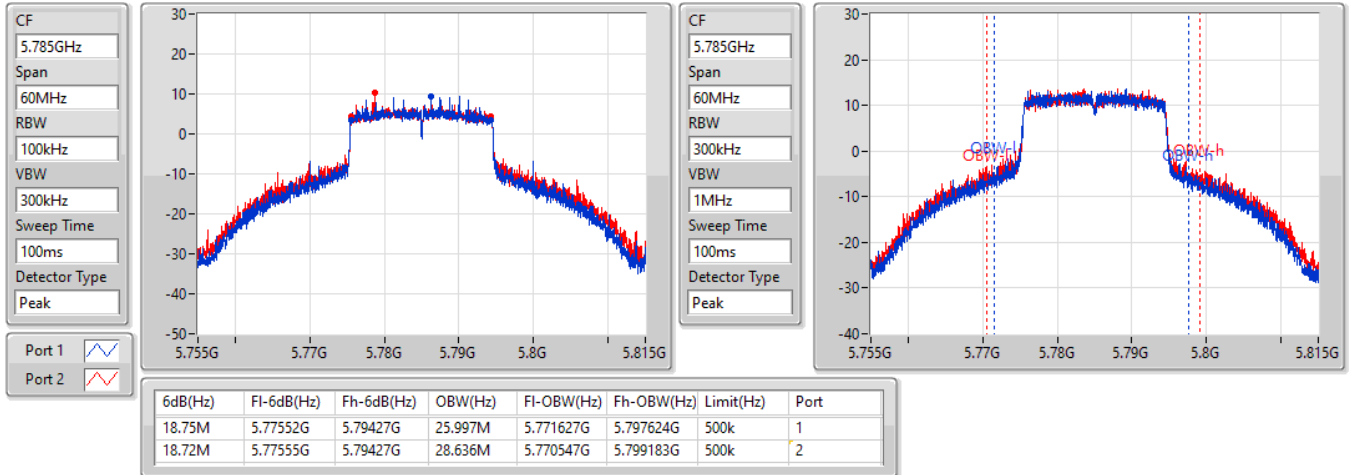


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

07/09/2022

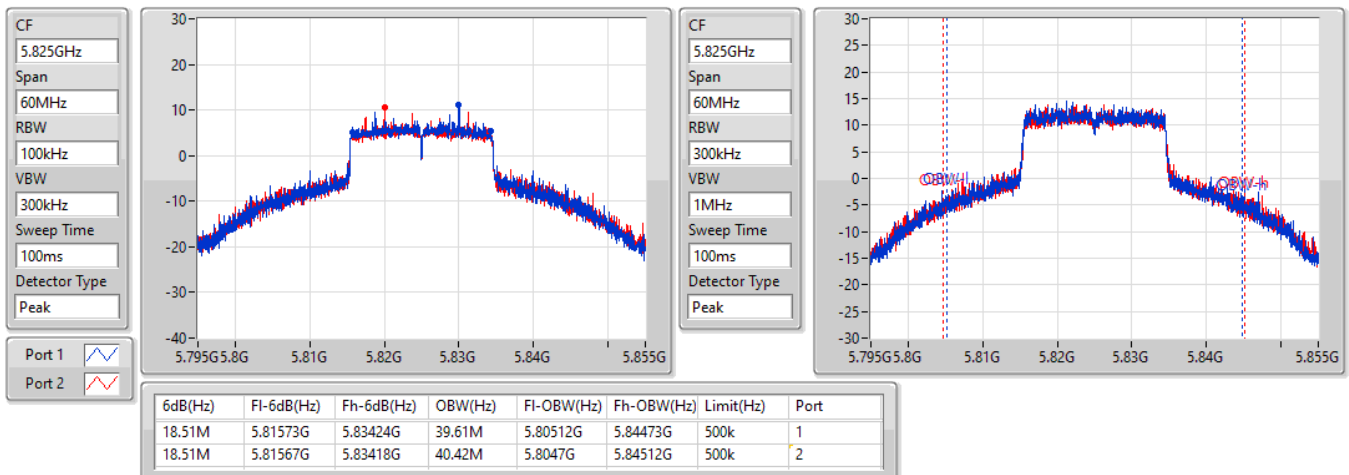


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5825MHz

07/09/2022

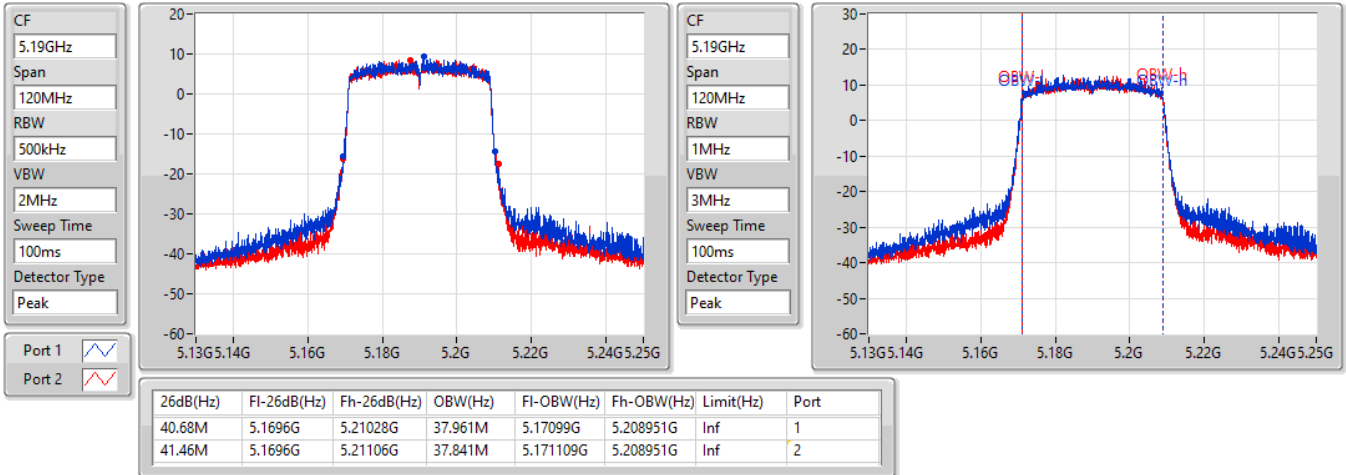


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

07/09/2022

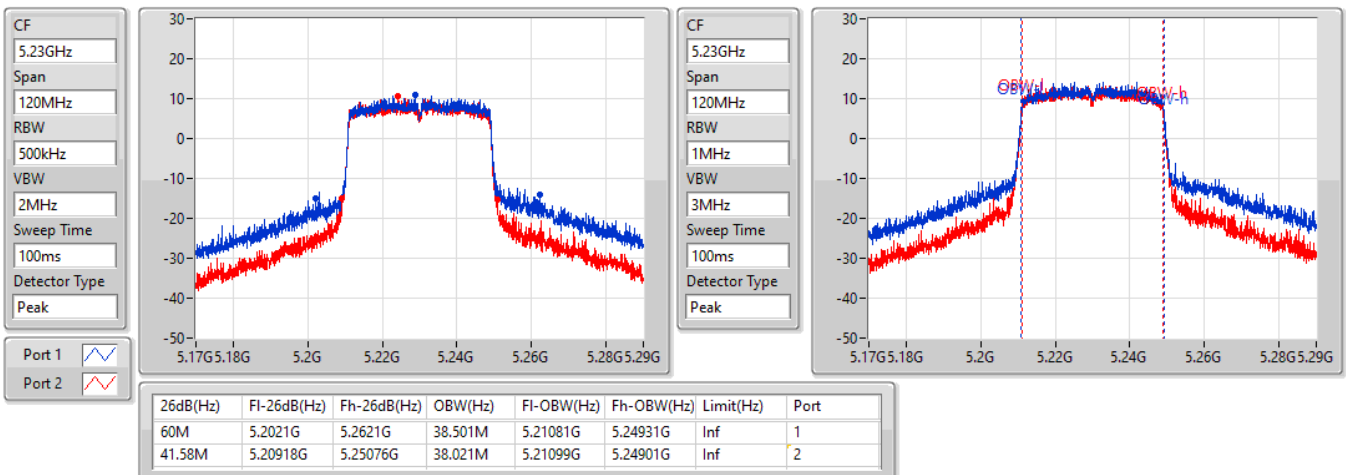


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

07/09/2022

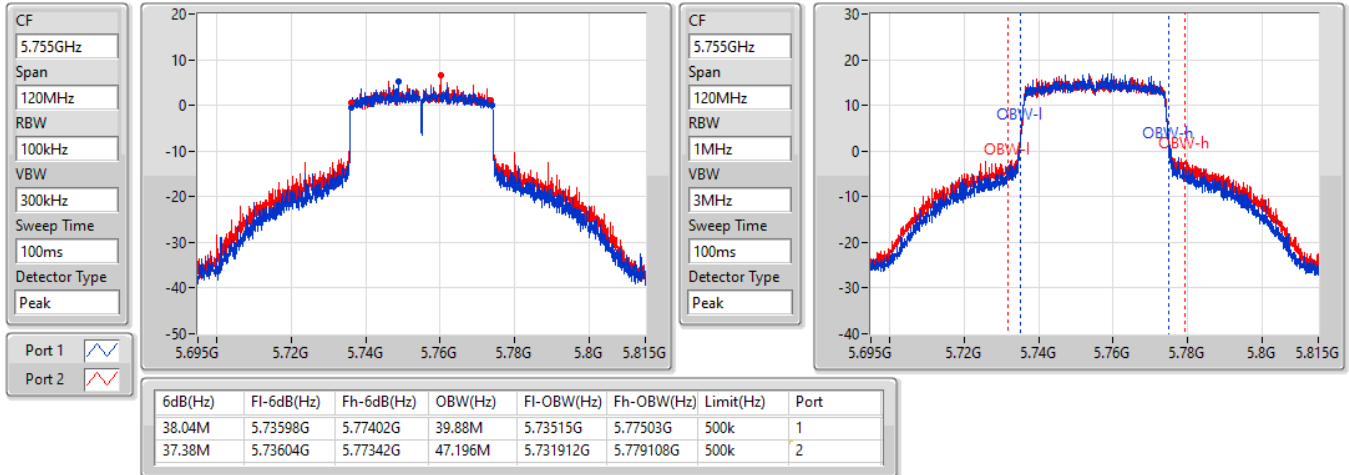


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

08/09/2022

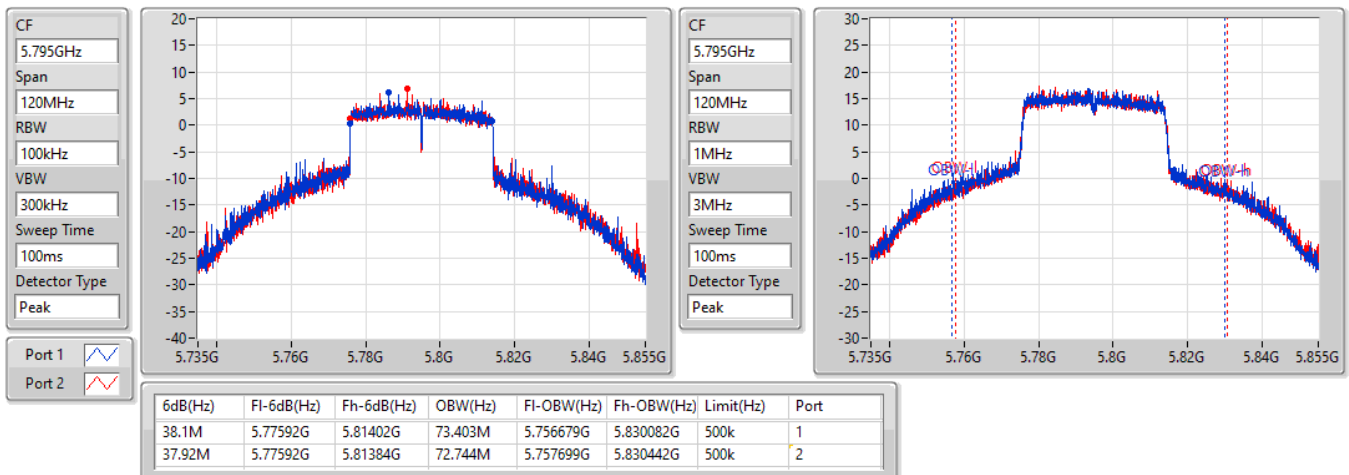


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

08/09/2022

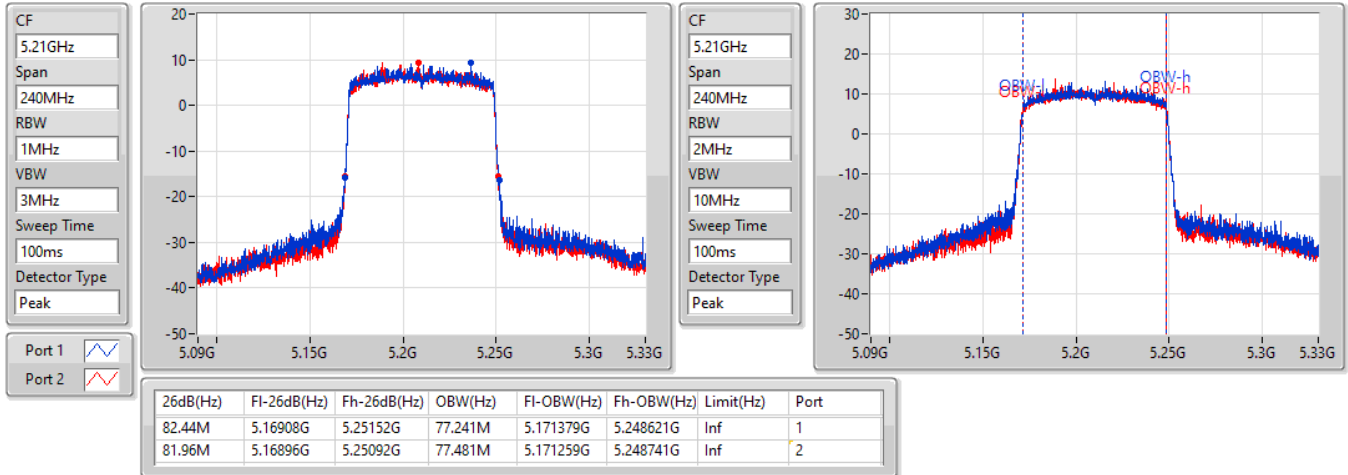


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

08/09/2022

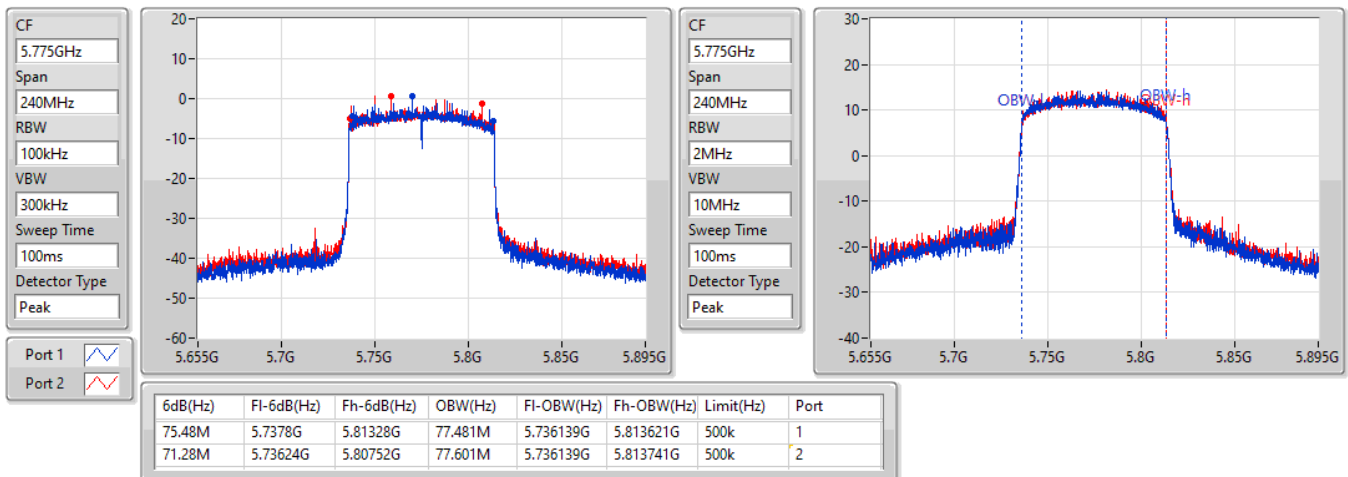


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

08/09/2022



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.97	0.15740	27.83	0.60674
802.11ax HEW20_Nss1,(MCS0)_2TX	21.92	0.15560	27.78	0.59979
802.11ax HEW40_Nss1,(MCS0)_2TX	20.21	0.10495	26.07	0.40458
802.11ax HEW80_Nss1,(MCS0)_2TX	18.20	0.06607	24.06	0.25468
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.66	0.23227	29.52	0.89536
802.11ax HEW20_Nss1,(MCS0)_2TX	23.98	0.25003	29.84	0.96383
802.11ax HEW40_Nss1,(MCS0)_2TX	24.02	0.25235	29.88	0.97275
802.11ax HEW80_Nss1,(MCS0)_2TX	20.21	0.10495	26.07	0.40458



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.86	16.40	16.12	19.27	30.00	25.13	36.00
5200MHz	Pass	5.86	19.36	18.52	21.97	30.00	27.83	36.00
5240MHz	Pass	5.86	18.46	17.90	21.20	30.00	27.06	36.00
5745MHz	Pass	5.86	20.69	20.34	23.53	30.00	29.39	36.00
5785MHz	Pass	5.86	19.99	20.17	23.09	30.00	28.95	36.00
5825MHz	Pass	5.86	20.84	20.45	23.66	30.00	29.52	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.86	16.35	16.16	19.27	30.00	25.13	36.00
5200MHz	Pass	5.86	19.36	18.20	21.83	30.00	27.69	36.00
5240MHz	Pass	5.86	19.30	18.48	21.92	30.00	27.78	36.00
5745MHz	Pass	5.86	20.96	20.71	23.85	30.00	29.71	36.00
5785MHz	Pass	5.86	20.48	20.66	23.58	30.00	29.44	36.00
5825MHz	Pass	5.86	21.06	20.87	23.98	30.00	29.84	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.86	15.75	15.66	18.72	30.00	24.58	36.00
5230MHz	Pass	5.86	17.45	16.94	20.21	30.00	26.07	36.00
5755MHz	Pass	5.86	20.39	20.35	23.38	30.00	29.24	36.00
5795MHz	Pass	5.86	21.05	20.96	24.02	30.00	29.88	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.86	15.34	15.03	18.20	30.00	24.06	36.00
5775MHz	Pass	5.86	17.21	17.19	20.21	30.00	26.07	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	-	-	-	-
5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.81	0.15171	30.41	1.09901
5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.10	0.10233	28.70	0.74131
5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.07	0.06412	26.67	0.46452
5.725-5.85GHz	-	-	-	-
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.85	0.24266	32.45	1.75792
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.90	0.24547	32.50	1.77828
5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.11	0.10257	28.71	0.74302

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60	16.22	16.04	19.14	27.40	27.74	36.00
5200MHz	Pass	8.60	19.25	18.07	21.71	27.40	30.31	36.00
5240MHz	Pass	8.60	19.19	18.38	21.81	27.40	30.41	36.00
5745MHz	Pass	8.60	20.86	20.56	23.72	27.40	32.32	36.00
5785MHz	Pass	8.60	20.38	20.52	23.46	27.40	32.06	36.00
5825MHz	Pass	8.60	20.91	20.76	23.85	27.40	32.45	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.60	15.60	15.55	18.59	27.40	27.19	36.00
5230MHz	Pass	8.60	17.35	16.82	20.10	27.40	28.70	36.00
5755MHz	Pass	8.60	20.29	20.24	23.28	27.40	31.88	36.00
5795MHz	Pass	8.60	20.95	20.83	23.90	27.40	32.50	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.60	15.21	14.90	18.07	27.40	26.67	36.00
5775MHz	Pass	8.60	17.10	17.09	20.11	27.40	28.71	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)_2TX	9.08	17.68
802.11ax HEW20_Nss1,(MCS0)_2TX	8.72	17.32
802.11ax HEW40_Nss1,(MCS0)_2TX	4.06	12.66
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.91	7.69
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.32	17.92
802.11ax HEW20_Nss1,(MCS0)_2TX	8.80	17.40
802.11ax HEW40_Nss1,(MCS0)_2TX	6.06	14.66
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.31	8.29

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60	3.48	3.45	6.31	14.40	14.91	23.00
5200MHz	Pass	8.60	6.63	5.94	9.08	14.40	17.68	23.00
5240MHz	Pass	8.60	5.77	5.30	8.43	14.40	17.03	23.00
5745MHz	Pass	8.60	6.35	6.22	9.15	27.40	17.75	36.00
5785MHz	Pass	8.60	5.71	6.01	8.77	27.40	17.37	36.00
5825MHz	Pass	8.60	6.49	6.14	9.32	27.40	17.92	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.60	3.04	2.76	5.78	14.40	14.38	23.00
5200MHz	Pass	8.60	5.95	4.96	8.35	14.40	16.95	23.00
5240MHz	Pass	8.60	6.19	5.44	8.72	14.40	17.32	23.00
5745MHz	Pass	8.60	5.89	5.79	8.80	27.40	17.40	36.00
5785MHz	Pass	8.60	5.54	5.65	8.48	27.40	17.08	36.00
5825MHz	Pass	8.60	5.86	5.68	8.69	27.40	17.29	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.60	-0.44	-0.55	2.42	14.40	11.02	23.00
5230MHz	Pass	8.60	1.33	0.94	4.06	14.40	12.66	23.00
5755MHz	Pass	8.60	2.46	2.50	5.45	27.40	14.05	36.00
5795MHz	Pass	8.60	3.15	3.05	6.06	27.40	14.66	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.60	-3.75	-3.83	-0.91	14.40	7.69	23.00
5775MHz	Pass	8.60	-3.28	-3.17	-0.31	27.40	8.29	36.00

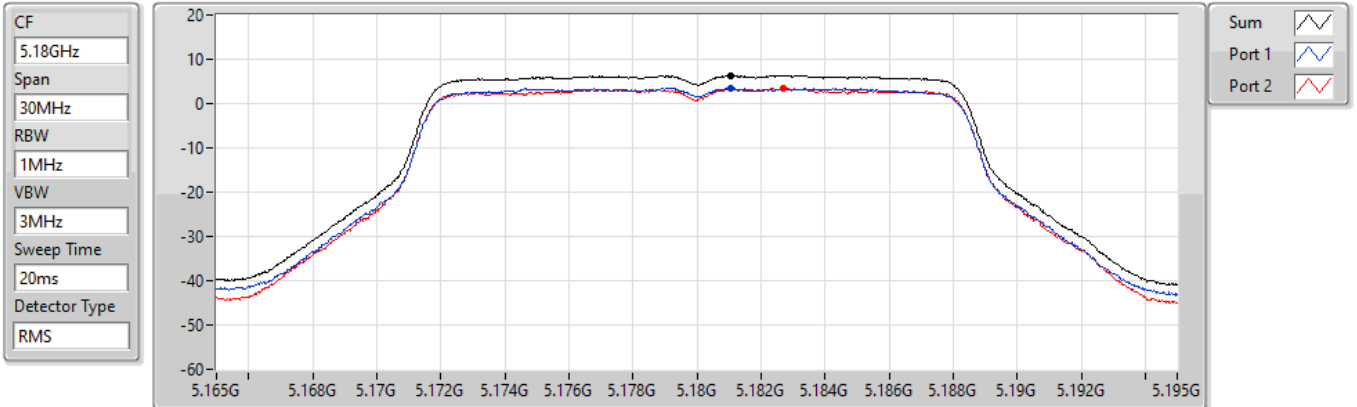
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

07/09/2022

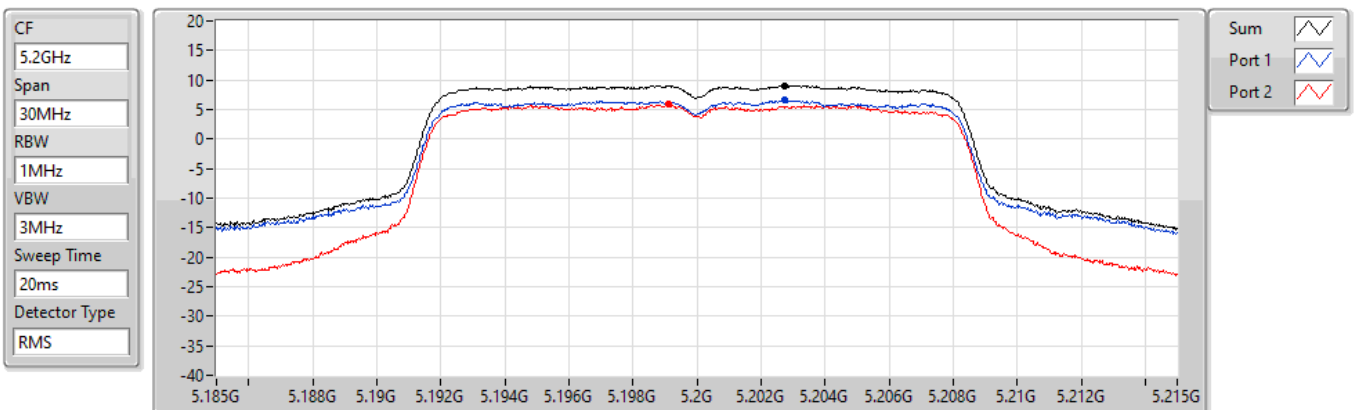


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

07/09/2022

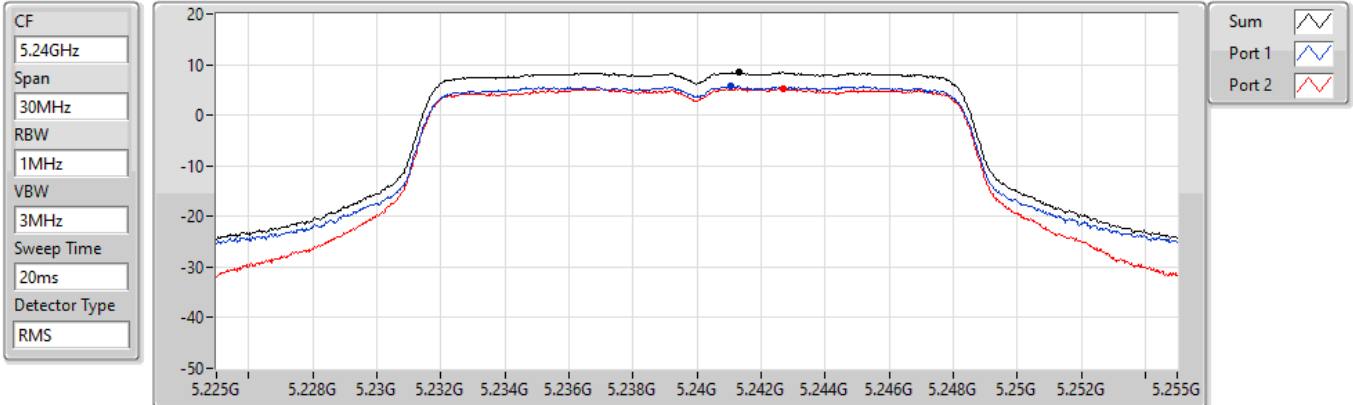


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

07/09/2022

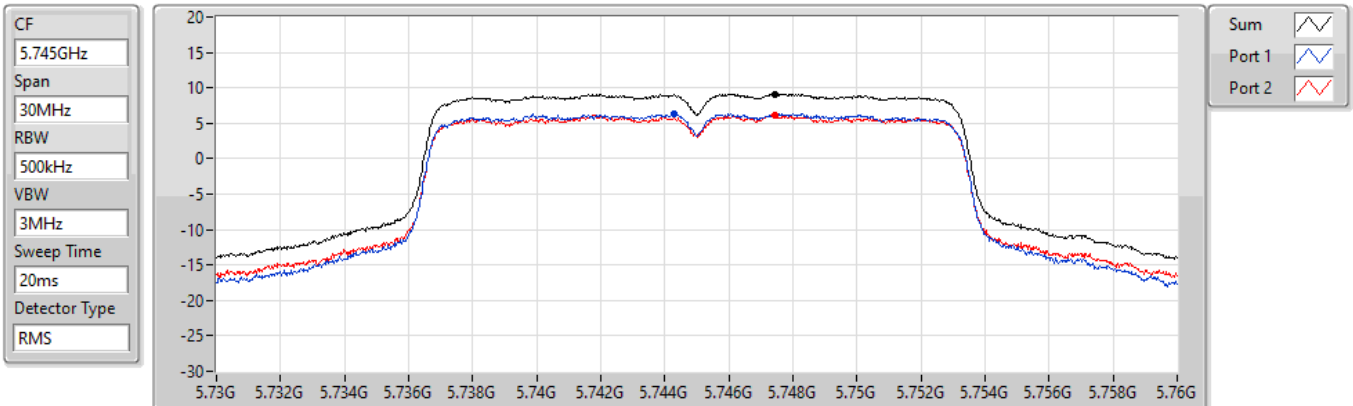


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

07/09/2022

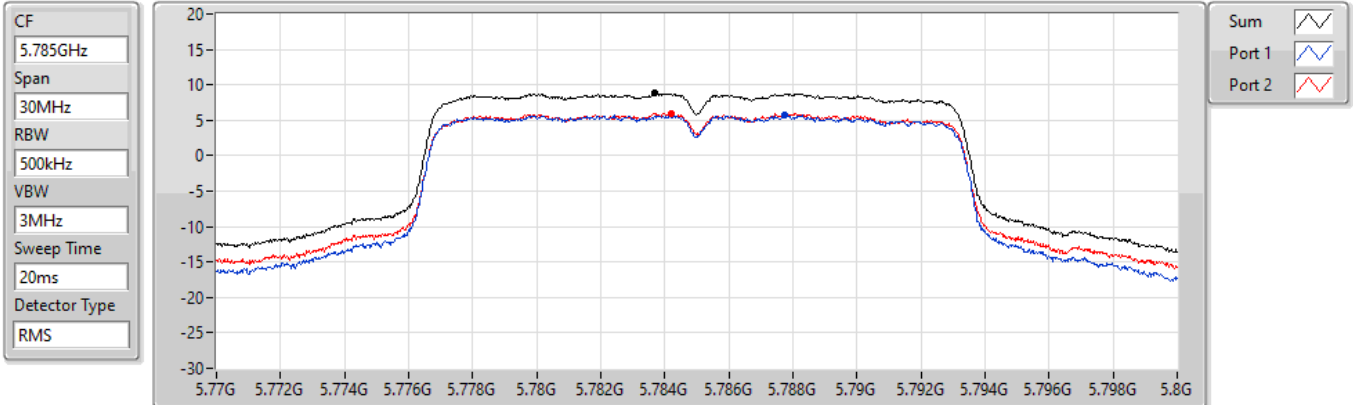


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

07/09/2022

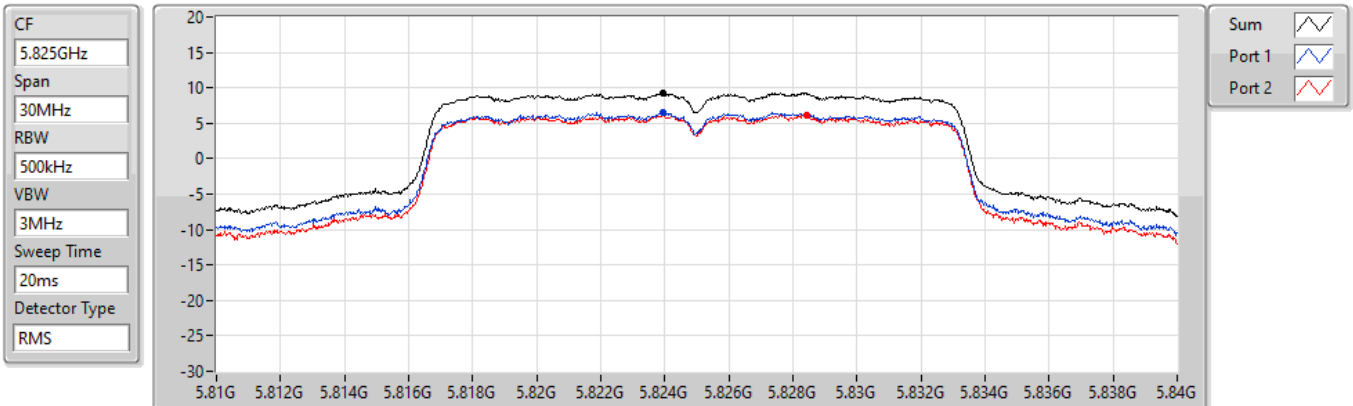


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

07/09/2022

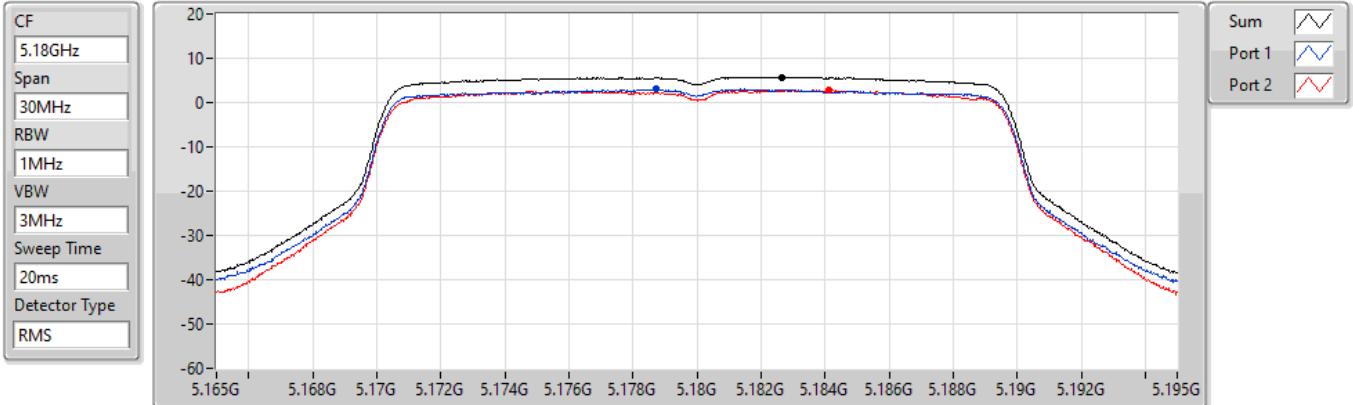


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

07/09/2022

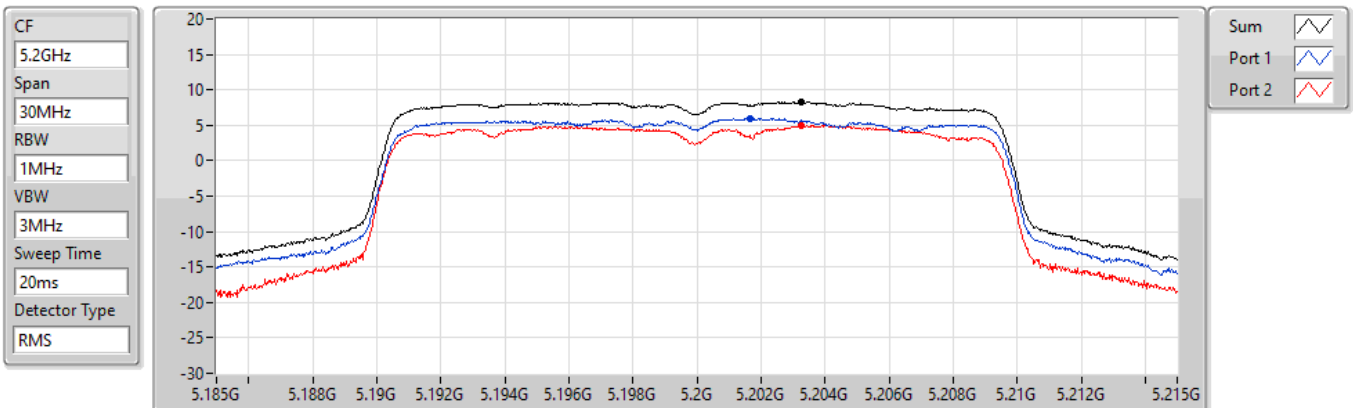


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

07/09/2022

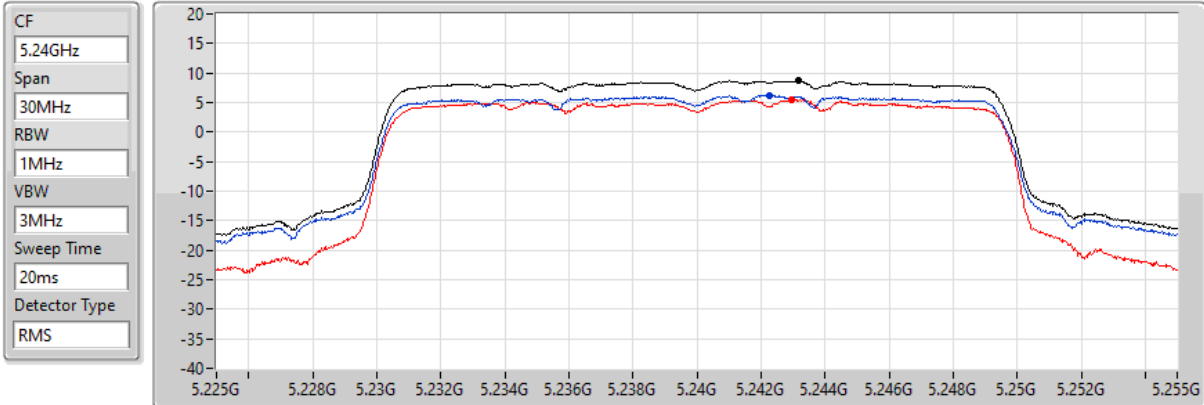


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

07/09/2022

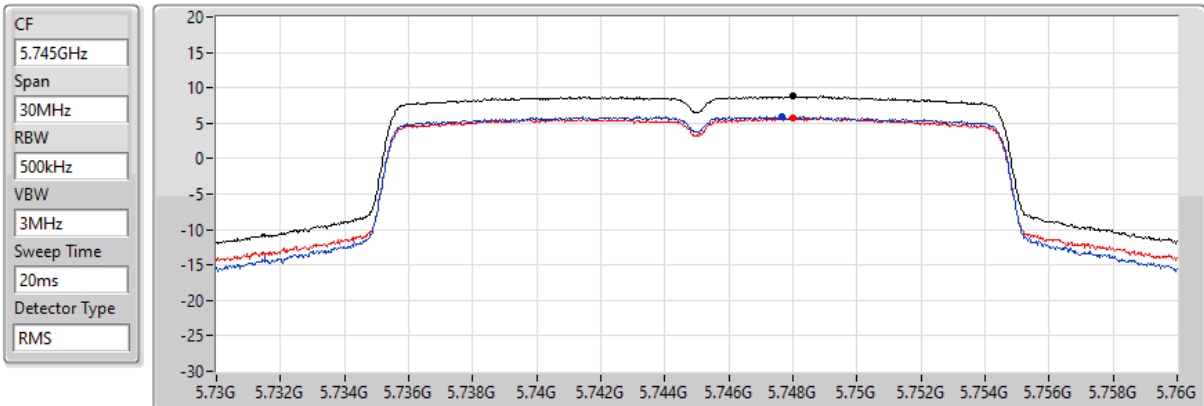


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

07/09/2022

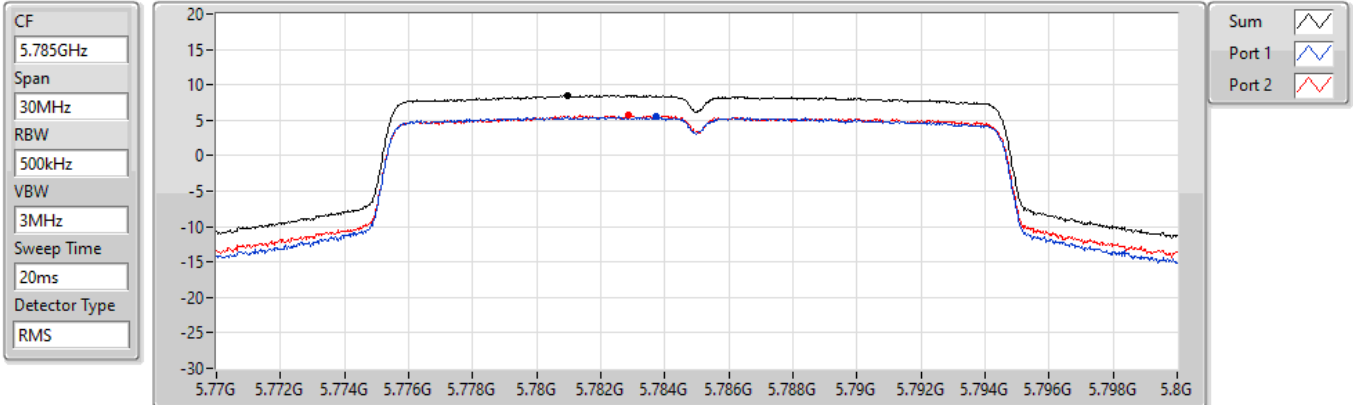


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

07/09/2022

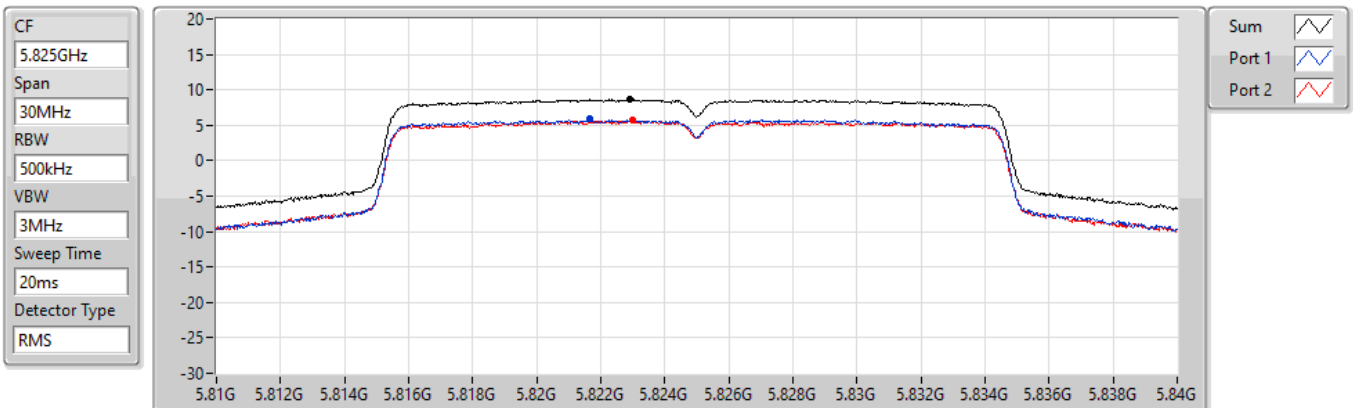


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

07/09/2022

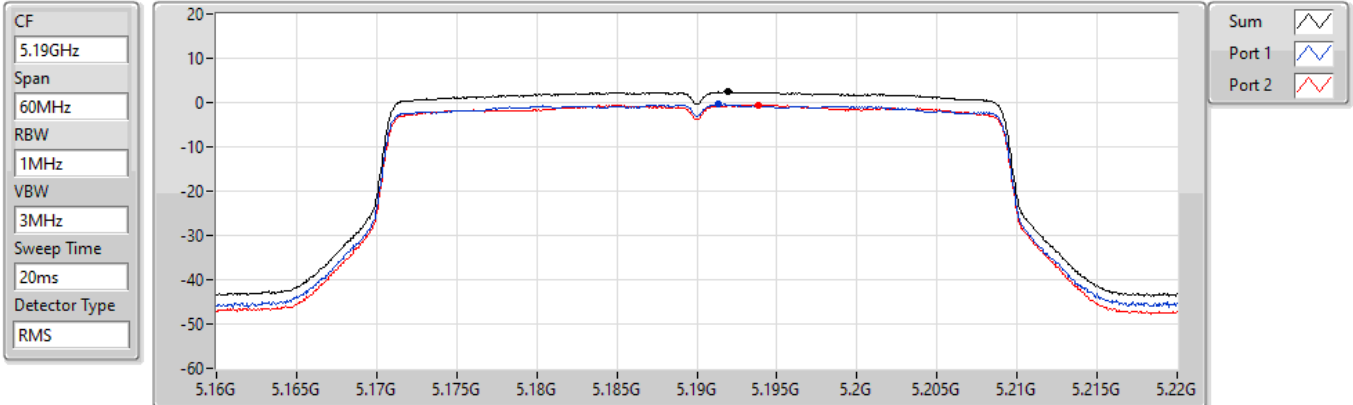


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

07/09/2022



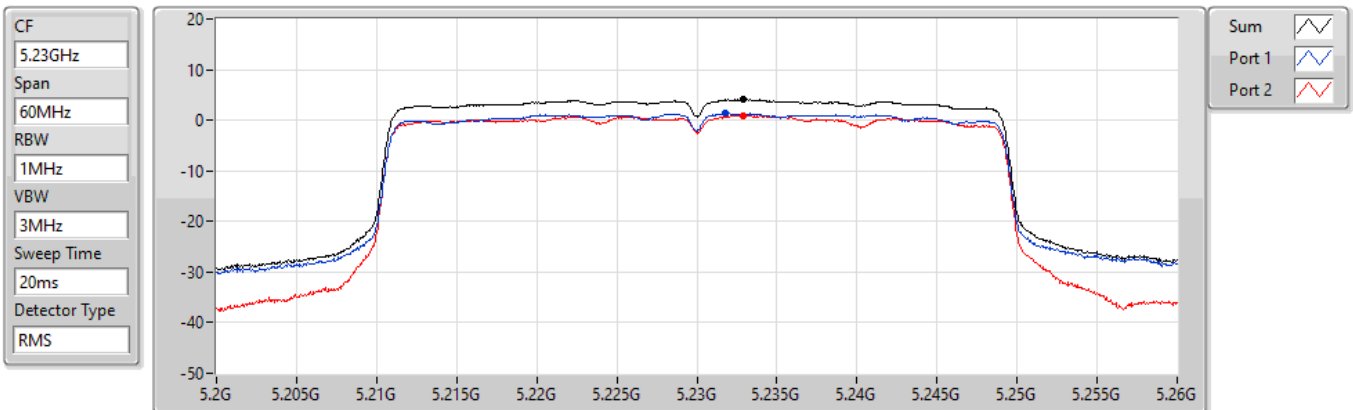
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.42	2.42	-0.44	-0.55

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

07/09/2022



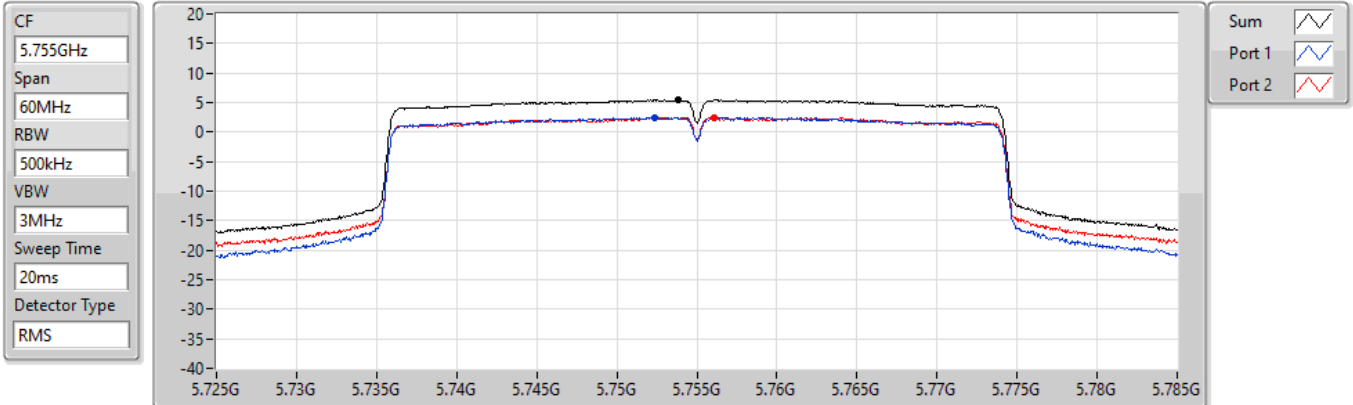
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.06	4.06	1.33	0.94

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

08/09/2022

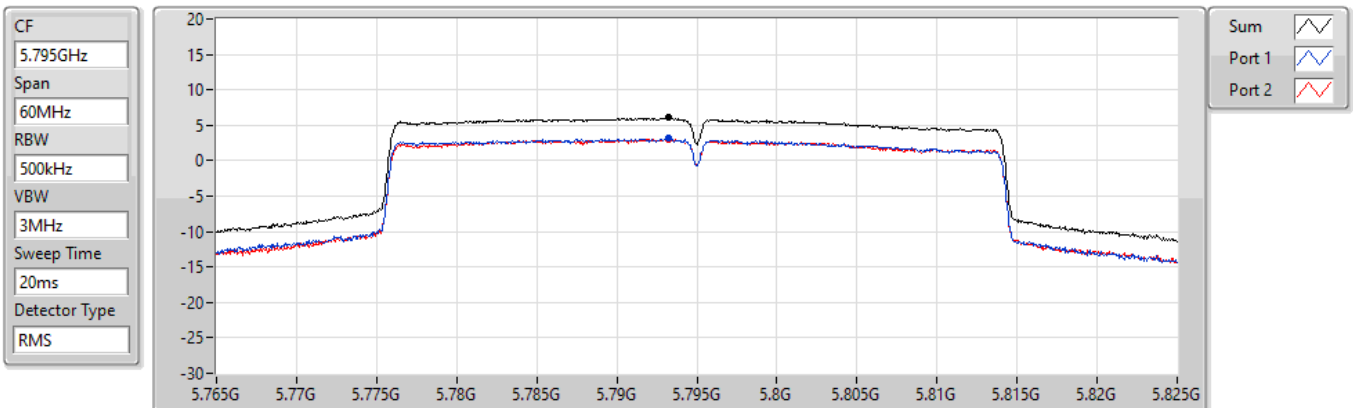


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

08/09/2022

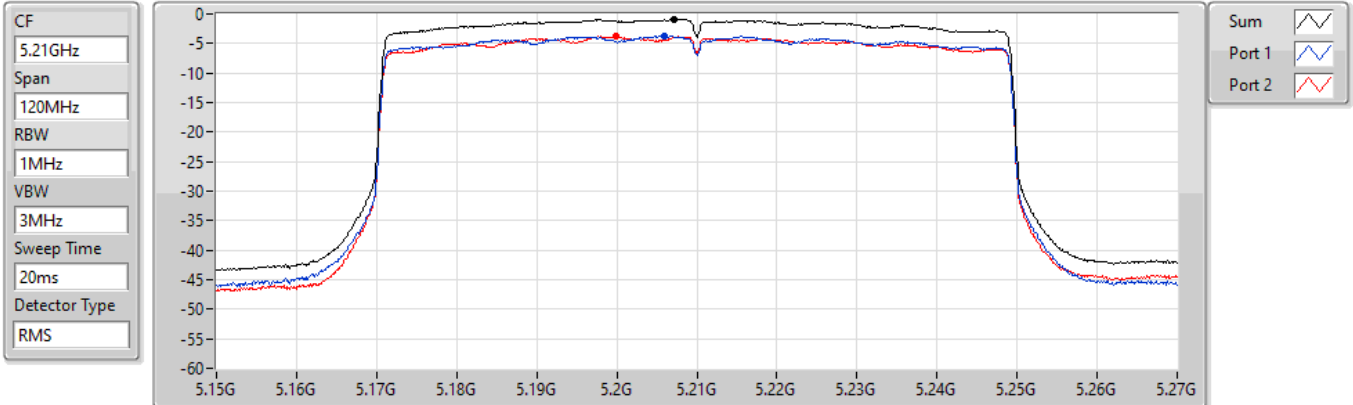


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

08/09/2022



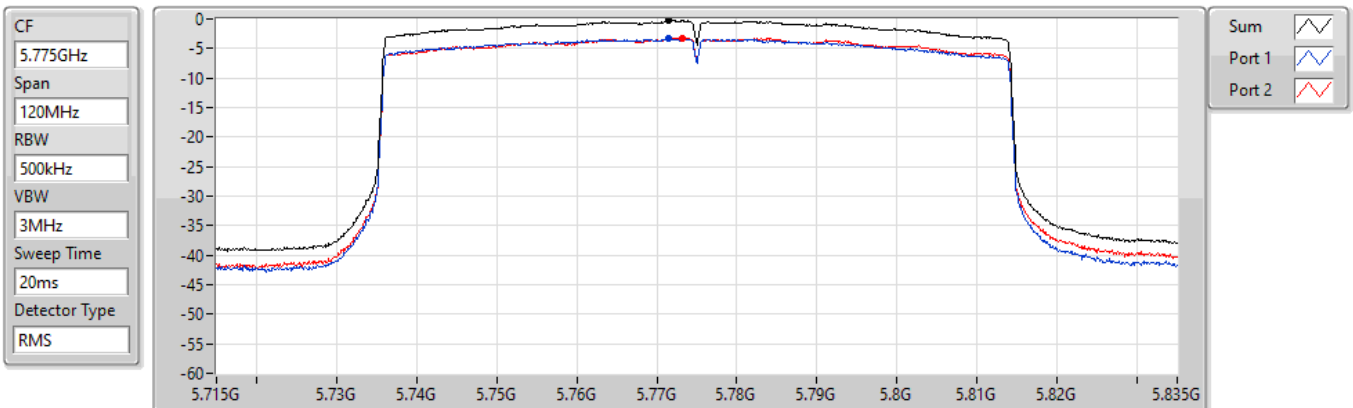
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.91	-0.91	-3.75	-3.83

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

08/09/2022



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.31	-0.31	-3.28	-3.17



Summary

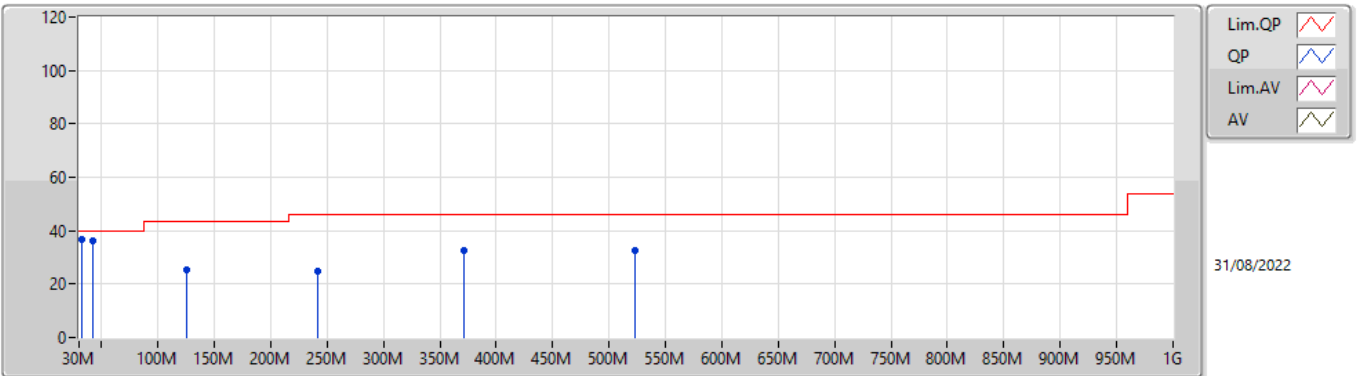
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	31.94M	36.52	40.00	-3.48	3	Vertical	360	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	31.94M	36.52	40.00	-3.48	3	Vertical	360	1.00	-
5775MHz	Pass	PK	41.64M	36.41	40.00	-3.59	3	Vertical	360	1.00	-
5775MHz	Pass	PK	125.06M	25.25	43.50	-18.25	3	Vertical	360	1.00	-
5775MHz	Pass	PK	241.46M	24.89	46.00	-21.11	3	Vertical	360	1.00	-
5775MHz	Pass	PK	371.44M	32.80	46.00	-13.20	3	Vertical	360	1.00	-
5775MHz	Pass	PK	522.76M	32.35	46.00	-13.65	3	Vertical	360	1.00	-
5775MHz	Pass	PK	111.48M	30.01	43.50	-13.49	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	251.16M	31.34	46.00	-14.66	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	350.1M	37.63	46.00	-8.37	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	416.06M	36.50	46.00	-9.50	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	559.62M	38.57	46.00	-7.43	3	Horizontal	0	1.00	-
5775MHz	Pass	QP	30.05M	32.64	40.00	-7.36	3	Horizontal	0	2.90	-

802.11ax HEW80_Nss1,(MCS0)_2TX

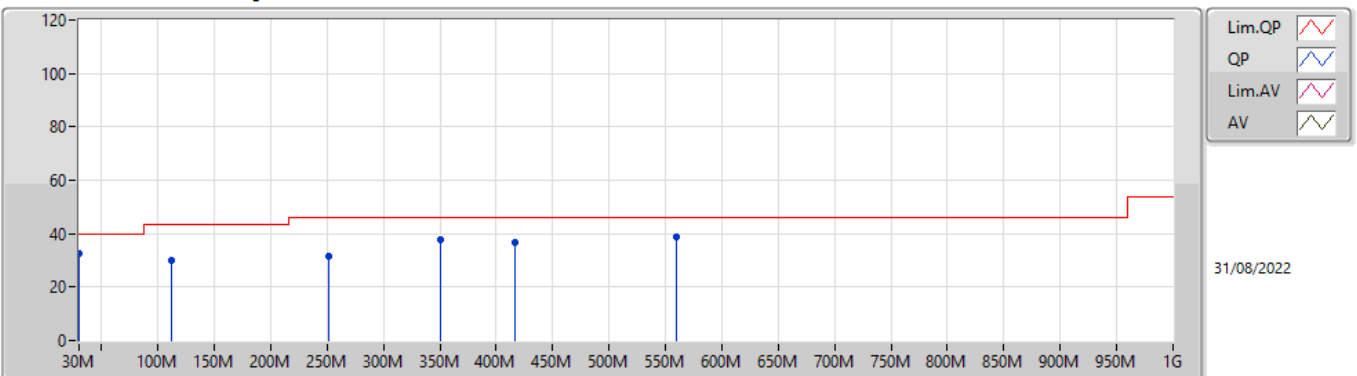
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	36.52	40.00	-3.48	-3.63	3	Vertical	360	1.00	-	40.15	22.18	1.02	26.83
PK	41.64M	36.41	40.00	-3.59	-9.09	3	Vertical	360	1.00	-	45.50	16.80	1.03	26.92
PK	125.06M	25.25	43.50	-18.25	-8.86	3	Vertical	360	1.00	-	34.11	17.33	1.57	27.76
PK	241.46M	24.89	46.00	-21.11	-8.36	3	Vertical	360	1.00	-	33.25	16.62	2.22	27.20
PK	371.44M	32.80	46.00	-13.20	-4.86	3	Vertical	360	1.00	-	37.66	20.01	2.78	27.65
PK	522.76M	32.35	46.00	-13.65	-2.45	3	Vertical	360	1.00	-	34.80	22.67	3.36	28.48

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	111.48M	30.01	43.50	-13.49	-9.16	3	Horizontal	0	1.00	-	39.17	17.14	1.49	27.79
PK	251.16M	31.34	46.00	-14.66	-7.19	3	Horizontal	0	1.00	-	38.53	17.70	2.27	27.16
PK	350.1M	37.63	46.00	-8.37	-5.20	3	Horizontal	0	1.00	-	42.83	19.59	2.71	27.50
PK	416.06M	36.50	46.00	-9.50	-3.30	3	Horizontal	0	1.00	-	39.80	21.74	2.94	27.98
PK	559.62M	38.57	46.00	-7.43	-1.14	3	Horizontal	0	1.00	-	39.71	24.02	3.44	28.60
QP	30.05M	32.64	40.00	-7.36	-2.70	3	Horizontal	0	2.90	-	35.34	23.24	1.02	26.96

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.72384G	52.91	54.00	-1.09	3	Horizontal	29	1.00	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	5.1484G	53.52	54.00	-0.48	3	Horizontal	24	2.42	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1444G	51.16	54.00	-2.84	3	Horizontal	28	2.52	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.146G	51.46	54.00	-2.54	3	Horizontal	14	2.17	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	17.3426G	67.13	68.20	-1.07	3	Vertical	351	1.43	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	17.24324G	67.89	68.20	-0.31	3	Horizontal	48	1.01	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	17.37156G	66.87	68.20	-1.33	3	Horizontal	55	1.50	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6298G	67.52	68.20	-0.68	3	Horizontal	347	2.35	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1472G	48.75	54.00	-5.25	3	Vertical	345	2.26	-
5180MHz	Pass	AV	5.1774G	100.40	Inf	-Inf	3	Vertical	345	2.26	-
5180MHz	Pass	PK	5.1478G	60.60	74.00	-13.40	3	Vertical	345	2.26	-
5180MHz	Pass	PK	5.1768G	110.75	Inf	-Inf	3	Vertical	345	2.26	-
5180MHz	Pass	AV	5.1492G	52.48	54.00	-1.52	3	Horizontal	13	2.21	-
5180MHz	Pass	AV	5.1748G	104.62	Inf	-Inf	3	Horizontal	13	2.21	-
5180MHz	Pass	PK	5.1486G	64.24	74.00	-9.76	3	Horizontal	13	2.21	-
5180MHz	Pass	PK	5.1792G	114.24	Inf	-Inf	3	Horizontal	13	2.21	-
5180MHz	Pass	AV	15.54584G	49.46	54.00	-4.54	3	Vertical	118	1.50	-
5180MHz	Pass	PK	10.34856G	53.51	68.20	-14.69	3	Vertical	194	2.25	-
5180MHz	Pass	PK	15.53024G	62.10	74.00	-11.90	3	Vertical	118	1.50	-
5180MHz	Pass	AV	15.5548G	49.36	54.00	-4.64	3	Horizontal	224	1.50	-
5180MHz	Pass	PK	10.37648G	54.07	68.20	-14.13	3	Horizontal	147	2.19	-
5180MHz	Pass	PK	15.54704G	62.23	74.00	-11.77	3	Horizontal	224	1.50	-
5180MHz	Pass	AV	20.72G	34.81	54.00	-19.19	3	Vertical	354	1.50	-
5180MHz	Pass	PK	20.72016G	45.02	74.00	-28.98	3	Vertical	354	1.50	-
5180MHz	Pass	AV	20.72G	36.42	54.00	-17.58	3	Horizontal	55	1.57	-
5180MHz	Pass	PK	20.72008G	46.30	74.00	-27.70	3	Horizontal	55	1.57	-
5200MHz	Pass	AV	5.15G	49.11	54.00	-4.89	3	Vertical	8	2.11	-
5200MHz	Pass	AV	5.2028G	103.01	Inf	-Inf	3	Vertical	8	2.11	-
5200MHz	Pass	PK	5.1492G	59.79	74.00	-14.21	3	Vertical	8	2.11	-
5200MHz	Pass	PK	5.2028G	113.18	Inf	-Inf	3	Vertical	8	2.11	-
5200MHz	Pass	AV	5.15G	52.88	54.00	-1.12	3	Horizontal	16	2.20	-
5200MHz	Pass	AV	5.2072G	108.21	Inf	-Inf	3	Horizontal	16	2.20	-
5200MHz	Pass	PK	5.15G	65.18	74.00	-8.82	3	Horizontal	16	2.20	-
5200MHz	Pass	PK	5.2032G	118.52	Inf	-Inf	3	Horizontal	16	2.20	-
5200MHz	Pass	AV	15.59696G	50.69	54.00	-3.31	3	Vertical	39	1.23	-
5200MHz	Pass	PK	10.40584G	54.04	68.20	-14.16	3	Vertical	15	1.02	-
5200MHz	Pass	PK	15.59928G	63.48	74.00	-10.52	3	Vertical	39	1.23	-
5200MHz	Pass	AV	15.60376G	50.06	54.00	-3.94	3	Horizontal	26	2.45	-
5200MHz	Pass	PK	10.41928G	53.43	68.20	-14.77	3	Horizontal	50	1.05	-
5200MHz	Pass	PK	15.60312G	62.77	74.00	-11.23	3	Horizontal	26	2.45	-
5200MHz	Pass	AV	20.80016G	38.59	54.00	-15.41	3	Vertical	147	1.50	-
5200MHz	Pass	PK	20.80032G	49.82	74.00	-24.18	3	Vertical	147	1.50	-
5200MHz	Pass	AV	20.8G	38.51	54.00	-15.49	3	Horizontal	64	1.54	-
5200MHz	Pass	PK	20.79472G	51.18	74.00	-22.82	3	Horizontal	64	1.54	-
5240MHz	Pass	AV	5.1464G	48.52	54.00	-5.48	3	Vertical	19	2.54	-
5240MHz	Pass	AV	5.2418G	105.73	Inf	-Inf	3	Vertical	19	2.54	-
5240MHz	Pass	AV	5.381G	47.28	54.00	-6.72	3	Vertical	19	2.54	-
5240MHz	Pass	PK	5.1386G	59.29	74.00	-14.71	3	Vertical	19	2.54	-
5240MHz	Pass	PK	5.2472G	116.69	Inf	-Inf	3	Vertical	19	2.54	-
5240MHz	Pass	PK	5.3792G	58.55	74.00	-15.45	3	Vertical	19	2.54	-
5240MHz	Pass	AV	5.15G	51.95	54.00	-2.05	3	Horizontal	27	2.28	-
5240MHz	Pass	AV	5.2364G	110.50	Inf	-Inf	3	Horizontal	27	2.28	-
5240MHz	Pass	AV	5.3516G	48.27	54.00	-5.73	3	Horizontal	27	2.28	-
5240MHz	Pass	PK	5.15G	67.23	74.00	-6.77	3	Horizontal	27	2.28	-
5240MHz	Pass	PK	5.237G	120.71	Inf	-Inf	3	Horizontal	27	2.28	-
5240MHz	Pass	PK	5.3516G	60.54	74.00	-13.46	3	Horizontal	27	2.28	-
5240MHz	Pass	AV	15.726G	51.36	54.00	-2.64	3	Vertical	38	1.50	-
5240MHz	Pass	PK	10.46944G	53.62	68.20	-14.58	3	Vertical	250	2.17	-
5240MHz	Pass	PK	15.7204G	64.26	74.00	-9.74	3	Vertical	38	1.50	-
5240MHz	Pass	AV	15.72384G	52.91	54.00	-1.09	3	Horizontal	29	1.00	-
5240MHz	Pass	PK	10.46496G	53.29	68.20	-14.91	3	Horizontal	182	1.50	-
5240MHz	Pass	PK	15.72416G	65.41	74.00	-8.59	3	Horizontal	29	1.00	-
5240MHz	Pass	AV	20.96368G	44.62	54.00	-9.38	3	Vertical	19	1.50	-
5240MHz	Pass	PK	20.95424G	56.89	74.00	-17.11	3	Vertical	19	1.50	-
5240MHz	Pass	AV	20.96432G	45.36	54.00	-8.64	3	Horizontal	57	1.54	-
5240MHz	Pass	PK	20.96448G	57.40	74.00	-16.60	3	Horizontal	57	1.54	-
5745MHz	Pass	AV	5.7486G	104.58	Inf	-Inf	3	Vertical	36	2.10	-
5745MHz	Pass	PK	5.4618G	59.11	68.20	-9.09	3	Vertical	36	2.10	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.7438G	114.59	Inf	-Inf	3	Vertical	36	2.10	-
5745MHz	Pass	PK	5.9286G	61.02	68.20	-7.18	3	Vertical	36	2.10	-
5745MHz	Pass	AV	5.7486G	107.12	Inf	-Inf	3	Horizontal	344	2.36	-
5745MHz	Pass	PK	5.5446G	59.89	68.20	-8.31	3	Horizontal	344	2.36	-
5745MHz	Pass	PK	5.7474G	116.28	Inf	-Inf	3	Horizontal	344	2.36	-
5745MHz	Pass	PK	5.9454G	60.66	68.20	-7.54	3	Horizontal	344	2.36	-
5745MHz	Pass	AV	11.48688G	43.82	54.00	-10.18	3	Vertical	189	1.86	-
5745MHz	Pass	PK	11.48672G	56.06	74.00	-17.94	3	Vertical	189	1.86	-
5745MHz	Pass	PK	17.2218G	65.75	68.20	-2.45	3	Vertical	349	1.42	-
5745MHz	Pass	AV	11.49224G	43.19	54.00	-10.81	3	Horizontal	227	1.63	-
5745MHz	Pass	PK	11.4864G	55.57	74.00	-18.43	3	Horizontal	227	1.63	-
5745MHz	Pass	PK	17.24372G	66.66	68.20	-1.54	3	Horizontal	48	1.50	-
5745MHz	Pass	AV	22.98016G	40.04	54.00	-13.96	3	Vertical	248	1.54	-
5745MHz	Pass	PK	22.98G	47.72	74.00	-26.28	3	Vertical	248	1.54	-
5745MHz	Pass	AV	22.98006G	36.27	54.00	-17.73	3	Horizontal	42	1.52	-
5745MHz	Pass	PK	22.97958G	47.59	74.00	-26.41	3	Horizontal	42	1.52	-
5785MHz	Pass	AV	5.7874G	106.35	Inf	-Inf	3	Vertical	36	2.08	-
5785MHz	Pass	PK	5.6002G	60.15	68.20	-8.05	3	Vertical	36	2.08	-
5785MHz	Pass	PK	5.7886G	116.15	Inf	-Inf	3	Vertical	36	2.08	-
5785MHz	Pass	PK	5.9494G	60.25	68.20	-7.95	3	Vertical	36	2.08	-
5785MHz	Pass	AV	5.7826G	106.42	Inf	-Inf	3	Horizontal	37	2.16	-
5785MHz	Pass	PK	5.605G	60.21	68.20	-7.99	3	Horizontal	37	2.16	-
5785MHz	Pass	PK	5.7874G	115.74	Inf	-Inf	3	Horizontal	37	2.16	-
5785MHz	Pass	PK	6.079G	60.74	68.20	-7.46	3	Horizontal	37	2.16	-
5785MHz	Pass	AV	11.57208G	43.12	54.00	-10.88	3	Vertical	190	1.50	-
5785MHz	Pass	PK	11.57792G	55.65	74.00	-18.35	3	Vertical	190	1.50	-
5785MHz	Pass	PK	17.3426G	67.13	68.20	-1.07	3	Vertical	351	1.43	-
5785MHz	Pass	AV	11.572G	42.60	54.00	-11.40	3	Horizontal	227	1.50	-
5785MHz	Pass	PK	11.5868G	54.36	74.00	-19.64	3	Horizontal	227	1.50	-
5785MHz	Pass	PK	17.36908G	67.03	68.20	-1.17	3	Horizontal	55	1.50	-
5785MHz	Pass	PK	23.13988G	48.28	68.20	-19.92	3	Vertical	155	1.84	-
5785MHz	Pass	PK	23.1475G	48.07	68.20	-20.13	3	Horizontal	160	1.50	-
5825MHz	Pass	AV	5.8226G	104.91	Inf	-Inf	3	Vertical	33	2.35	-
5825MHz	Pass	PK	5.6294G	59.22	68.20	-8.98	3	Vertical	33	2.35	-
5825MHz	Pass	PK	5.8274G	115.39	Inf	-Inf	3	Vertical	33	2.35	-
5825MHz	Pass	PK	6.071G	60.30	68.20	-7.90	3	Vertical	33	2.35	-
5825MHz	Pass	AV	5.8274G	106.88	Inf	-Inf	3	Horizontal	347	2.45	-
5825MHz	Pass	PK	5.6114G	59.51	68.20	-8.69	3	Horizontal	347	2.45	-
5825MHz	Pass	PK	5.8274G	115.96	Inf	-Inf	3	Horizontal	347	2.45	-
5825MHz	Pass	PK	6.0842G	61.77	68.20	-6.43	3	Horizontal	347	2.45	-
5825MHz	Pass	AV	11.65224G	43.26	54.00	-10.74	3	Vertical	0	1.50	-
5825MHz	Pass	PK	11.64664G	56.72	74.00	-17.28	3	Vertical	0	1.50	-
5825MHz	Pass	PK	17.473G	66.42	68.20	-1.78	3	Vertical	342	1.48	-
5825MHz	Pass	AV	11.65216G	42.92	54.00	-11.08	3	Horizontal	211	1.73	-
5825MHz	Pass	PK	11.6516G	55.35	74.00	-18.65	3	Horizontal	211	1.73	-
5825MHz	Pass	PK	17.46972G	66.98	68.20	-1.22	3	Horizontal	48	1.41	-
5825MHz	Pass	PK	23.30012G	49.15	68.20	-19.05	3	Vertical	229	1.84	-
5825MHz	Pass	PK	23.30894G	47.54	68.20	-20.66	3	Horizontal	227	1.57	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	50.42	54.00	-3.58	3	Vertical	349	2.27	-
5180MHz	Pass	AV	5.181G	100.31	Inf	-Inf	3	Vertical	349	2.27	-
5180MHz	Pass	PK	5.1498G	62.47	74.00	-11.53	3	Vertical	349	2.27	-
5180MHz	Pass	PK	5.1812G	112.95	Inf	-Inf	3	Vertical	349	2.27	-
5180MHz	Pass	AV	5.1484G	53.52	54.00	-0.48	3	Horizontal	24	2.42	-
5180MHz	Pass	AV	5.1766G	104.33	Inf	-Inf	3	Horizontal	24	2.42	-
5180MHz	Pass	PK	5.147G	66.46	74.00	-7.54	3	Horizontal	24	2.42	-
5180MHz	Pass	PK	5.1772G	116.45	Inf	-Inf	3	Horizontal	24	2.42	-
5180MHz	Pass	AV	15.52912G	49.15	54.00	-4.85	3	Vertical	42	1.50	-
5180MHz	Pass	PK	10.36224G	53.74	68.20	-14.46	3	Vertical	36	1.50	-
5180MHz	Pass	PK	15.54768G	62.33	74.00	-11.67	3	Vertical	42	1.50	-
5180MHz	Pass	AV	15.53936G	48.90	54.00	-5.10	3	Horizontal	262	2.86	-
5180MHz	Pass	PK	10.36296G	54.88	68.20	-13.32	3	Horizontal	142	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	15.53256G	61.90	74.00	-12.10	3	Horizontal	262	2.86	-
5180MHz	Pass	AV	20.72006G	35.38	54.00	-18.62	3	Vertical	165	1.62	-
5180MHz	Pass	PK	20.72G	45.17	74.00	-28.83	3	Vertical	165	1.62	-
5180MHz	Pass	AV	20.71994G	31.84	54.00	-22.16	3	Horizontal	193	1.60	-
5180MHz	Pass	PK	20.71028G	44.01	74.00	-29.99	3	Horizontal	193	1.60	-
5200MHz	Pass	AV	5.1492G	49.26	54.00	-4.74	3	Vertical	5	2.12	-
5200MHz	Pass	AV	5.2048G	101.75	Inf	-Inf	3	Vertical	5	2.12	-
5200MHz	Pass	PK	5.148G	61.56	74.00	-12.44	3	Vertical	5	2.12	-
5200MHz	Pass	PK	5.2048G	113.53	Inf	-Inf	3	Vertical	5	2.12	-
5200MHz	Pass	AV	5.1496G	52.90	54.00	-1.10	3	Horizontal	12	2.02	-
5200MHz	Pass	AV	5.2036G	106.38	Inf	-Inf	3	Horizontal	12	2.02	-
5200MHz	Pass	PK	5.1472G	65.25	74.00	-8.75	3	Horizontal	12	2.02	-
5200MHz	Pass	PK	5.194G	117.87	Inf	-Inf	3	Horizontal	12	2.02	-
5200MHz	Pass	AV	15.60032G	51.24	54.00	-2.76	3	Vertical	37	1.14	-
5200MHz	Pass	PK	10.41648G	53.78	68.20	-14.42	3	Vertical	126	1.50	-
5200MHz	Pass	PK	15.6028G	64.92	74.00	-9.08	3	Vertical	37	1.14	-
5200MHz	Pass	AV	15.60152G	50.63	54.00	-3.37	3	Horizontal	20	1.45	-
5200MHz	Pass	PK	10.40104G	53.60	68.20	-14.60	3	Horizontal	88	2.15	-
5200MHz	Pass	PK	15.61152G	64.38	74.00	-9.62	3	Horizontal	20	1.45	-
5200MHz	Pass	AV	20.8G	39.67	54.00	-14.33	3	Vertical	148	1.50	-
5200MHz	Pass	PK	20.80018G	52.25	74.00	-21.75	3	Vertical	148	1.50	-
5200MHz	Pass	AV	20.8G	37.46	54.00	-16.54	3	Horizontal	63	1.56	-
5200MHz	Pass	PK	20.80954G	54.42	74.00	-19.58	3	Horizontal	63	1.56	-
5240MHz	Pass	AV	5.1464G	47.36	54.00	-6.64	3	Vertical	16	2.21	-
5240MHz	Pass	AV	5.2376G	104.40	Inf	-Inf	3	Vertical	16	2.21	-
5240MHz	Pass	AV	5.39G	47.23	54.00	-6.77	3	Vertical	16	2.21	-
5240MHz	Pass	PK	5.144G	59.67	74.00	-14.33	3	Vertical	16	2.21	-
5240MHz	Pass	PK	5.2376G	115.86	Inf	-Inf	3	Vertical	16	2.21	-
5240MHz	Pass	PK	5.369G	59.32	74.00	-14.68	3	Vertical	16	2.21	-
5240MHz	Pass	AV	5.15G	48.49	54.00	-5.51	3	Horizontal	26	2.27	-
5240MHz	Pass	AV	5.237G	108.54	Inf	-Inf	3	Horizontal	26	2.27	-
5240MHz	Pass	AV	5.3762G	47.85	54.00	-6.15	3	Horizontal	26	2.27	-
5240MHz	Pass	PK	5.1242G	59.66	74.00	-14.34	3	Horizontal	26	2.27	-
5240MHz	Pass	PK	5.2466G	120.03	Inf	-Inf	3	Horizontal	26	2.27	-
5240MHz	Pass	PK	5.378G	59.59	74.00	-14.41	3	Horizontal	26	2.27	-
5240MHz	Pass	AV	15.72184G	51.40	54.00	-2.60	3	Vertical	36	1.46	-
5240MHz	Pass	PK	10.46008G	53.75	68.20	-14.45	3	Vertical	144	1.87	-
5240MHz	Pass	PK	15.71232G	65.80	74.00	-8.20	3	Vertical	36	1.46	-
5240MHz	Pass	AV	15.71832G	52.60	54.00	-1.40	3	Horizontal	29	1.50	-
5240MHz	Pass	PK	10.48752G	53.79	68.20	-14.41	3	Horizontal	286	1.34	-
5240MHz	Pass	PK	15.71864G	65.80	74.00	-8.20	3	Horizontal	29	1.50	-
5240MHz	Pass	AV	20.96444G	41.47	54.00	-12.53	3	Vertical	63	1.50	-
5240MHz	Pass	PK	20.96414G	55.68	74.00	-18.32	3	Vertical	63	1.50	-
5240MHz	Pass	AV	20.96666G	41.30	54.00	-12.70	3	Horizontal	334	1.55	-
5240MHz	Pass	PK	20.96738G	54.97	74.00	-19.03	3	Horizontal	334	1.55	-
5745MHz	Pass	AV	5.7462G	104.45	Inf	-Inf	3	Vertical	37	2.19	-
5745MHz	Pass	PK	5.6478G	63.53	68.20	-4.67	3	Vertical	37	2.19	-
5745MHz	Pass	PK	5.7462G	115.02	Inf	-Inf	3	Vertical	37	2.19	-
5745MHz	Pass	PK	6.0306G	60.16	68.20	-8.04	3	Vertical	37	2.19	-
5745MHz	Pass	AV	5.7462G	106.93	Inf	-Inf	3	Horizontal	344	2.11	-
5745MHz	Pass	PK	5.577G	59.51	68.20	-8.69	3	Horizontal	344	2.11	-
5745MHz	Pass	PK	5.7462G	118.00	Inf	-Inf	3	Horizontal	344	2.11	-
5745MHz	Pass	PK	5.9982G	60.77	68.20	-7.43	3	Horizontal	344	2.11	-
5745MHz	Pass	AV	11.48304G	43.46	54.00	-10.54	3	Vertical	187	1.65	-
5745MHz	Pass	PK	11.48424G	55.97	74.00	-18.03	3	Vertical	187	1.65	-
5745MHz	Pass	PK	17.23948G	65.84	68.20	-2.36	3	Vertical	350	1.40	-
5745MHz	Pass	AV	11.4832G	42.43	54.00	-11.57	3	Horizontal	223	1.48	-
5745MHz	Pass	PK	11.48376G	55.08	74.00	-18.92	3	Horizontal	223	1.48	-
5745MHz	Pass	PK	17.24324G	67.89	68.20	-0.31	3	Horizontal	48	1.01	-
5745MHz	Pass	AV	22.97994G	40.85	54.00	-13.15	3	Vertical	248	1.56	-
5745MHz	Pass	PK	22.98G	48.65	74.00	-25.35	3	Vertical	248	1.56	-
5745MHz	Pass	AV	22.97994G	36.37	54.00	-17.63	3	Horizontal	42	1.50	-

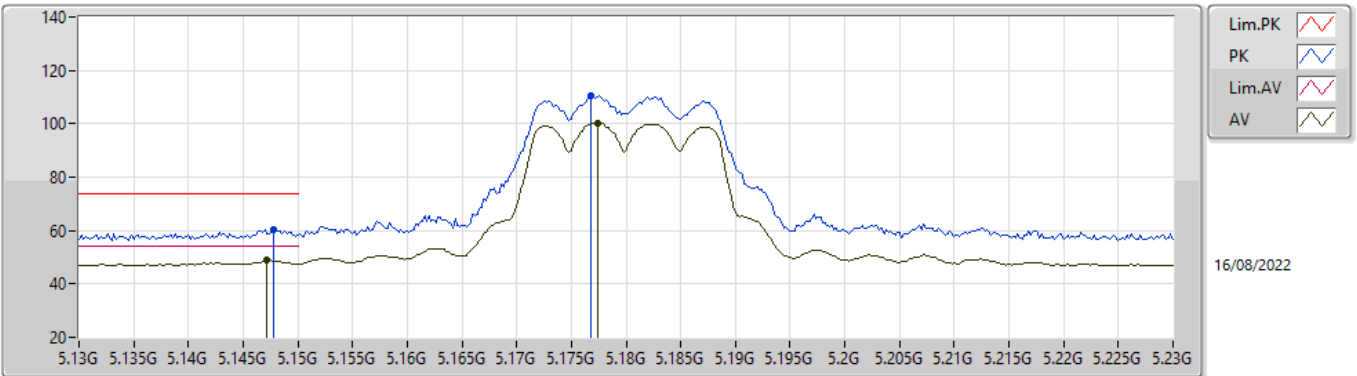
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	22.98048G	47.58	74.00	-26.42	3	Horizontal	42	1.50	-
5785MHz	Pass	AV	5.7862G	103.73	Inf	-Inf	3	Vertical	38	2.09	-
5785MHz	Pass	PK	5.6062G	59.88	68.20	-8.32	3	Vertical	38	2.09	-
5785MHz	Pass	PK	5.7862G	114.70	Inf	-Inf	3	Vertical	38	2.09	-
5785MHz	Pass	PK	6.0814G	60.75	68.20	-7.45	3	Vertical	38	2.09	-
5785MHz	Pass	AV	5.7862G	106.72	Inf	-Inf	3	Horizontal	347	2.34	-
5785MHz	Pass	PK	5.6074G	60.09	68.20	-8.11	3	Horizontal	347	2.34	-
5785MHz	Pass	PK	5.7874G	118.07	Inf	-Inf	3	Horizontal	347	2.34	-
5785MHz	Pass	PK	5.9254G	60.40	68.20	-7.80	3	Horizontal	347	2.34	-
5785MHz	Pass	AV	11.57456G	41.94	54.00	-12.06	3	Vertical	191	1.63	-
5785MHz	Pass	PK	11.58968G	54.76	74.00	-19.24	3	Vertical	191	1.63	-
5785MHz	Pass	PK	17.35812G	65.65	68.20	-2.55	3	Vertical	347	1.80	-
5785MHz	Pass	AV	11.57152G	41.73	54.00	-12.27	3	Horizontal	226	1.54	-
5785MHz	Pass	PK	11.56072G	55.05	74.00	-18.95	3	Horizontal	226	1.54	-
5785MHz	Pass	PK	17.35444G	66.72	68.20	-1.48	3	Horizontal	49	1.01	-
5785MHz	Pass	PK	23.14G	48.20	68.20	-20.00	3	Vertical	221	1.50	-
5785MHz	Pass	PK	23.14006G	48.37	68.20	-19.83	3	Horizontal	243	1.58	-
5825MHz	Pass	AV	5.8262G	104.98	Inf	-Inf	3	Vertical	37	1.00	-
5825MHz	Pass	PK	5.6402G	59.12	68.20	-9.08	3	Vertical	37	1.00	-
5825MHz	Pass	PK	5.8178G	115.94	Inf	-Inf	3	Vertical	37	1.00	-
5825MHz	Pass	PK	5.927G	61.39	68.20	-6.81	3	Vertical	37	1.00	-
5825MHz	Pass	AV	5.8238G	106.76	Inf	-Inf	3	Horizontal	31	2.24	-
5825MHz	Pass	PK	5.6006G	60.19	68.20	-8.01	3	Horizontal	31	2.24	-
5825MHz	Pass	PK	5.8226G	117.17	Inf	-Inf	3	Horizontal	31	2.24	-
5825MHz	Pass	PK	5.975G	61.26	68.20	-6.94	3	Horizontal	31	2.24	-
5825MHz	Pass	AV	11.64448G	43.11	54.00	-10.89	3	Vertical	188	1.74	-
5825MHz	Pass	PK	11.66376G	55.97	74.00	-18.03	3	Vertical	188	1.74	-
5825MHz	Pass	PK	17.46732G	66.76	68.20	-1.44	3	Vertical	342	1.50	-
5825MHz	Pass	AV	11.65496G	42.53	54.00	-11.47	3	Horizontal	184	1.50	-
5825MHz	Pass	PK	11.66488G	55.30	74.00	-18.70	3	Horizontal	184	1.50	-
5825MHz	Pass	PK	17.47612G	67.68	68.20	-0.52	3	Horizontal	46	1.50	-
5825MHz	Pass	PK	23.2997G	49.80	68.20	-18.40	3	Vertical	220	1.62	-
5825MHz	Pass	PK	23.30012G	48.49	68.20	-19.71	3	Horizontal	153	2.02	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.146G	48.55	54.00	-5.45	3	Vertical	23	2.45	-
5190MHz	Pass	AV	5.1944G	96.36	Inf	-Inf	3	Vertical	23	2.45	-
5190MHz	Pass	PK	5.142G	65.03	74.00	-8.97	3	Vertical	23	2.45	-
5190MHz	Pass	PK	5.1932G	108.86	Inf	-Inf	3	Vertical	23	2.45	-
5190MHz	Pass	AV	5.1444G	51.16	54.00	-2.84	3	Horizontal	28	2.52	-
5190MHz	Pass	AV	5.1932G	101.39	Inf	-Inf	3	Horizontal	28	2.52	-
5190MHz	Pass	PK	5.1444G	67.60	74.00	-6.40	3	Horizontal	28	2.52	-
5190MHz	Pass	PK	5.2028G	113.81	Inf	-Inf	3	Horizontal	28	2.52	-
5190MHz	Pass	AV	15.55144G	48.76	54.00	-5.24	3	Vertical	308	1.50	-
5190MHz	Pass	PK	10.38008G	53.74	68.20	-14.46	3	Vertical	43	1.30	-
5190MHz	Pass	PK	15.58G	62.02	74.00	-11.98	3	Vertical	308	1.50	-
5190MHz	Pass	AV	15.56328G	48.74	54.00	-5.26	3	Horizontal	14	1.50	-
5190MHz	Pass	PK	10.38512G	53.23	68.20	-14.97	3	Horizontal	199	2.83	-
5190MHz	Pass	PK	15.57912G	62.04	74.00	-11.96	3	Horizontal	14	1.50	-
5190MHz	Pass	AV	20.76G	35.16	54.00	-18.84	3	Vertical	166	1.49	-
5190MHz	Pass	PK	20.76032G	45.07	74.00	-28.93	3	Vertical	166	1.49	-
5190MHz	Pass	AV	20.76G	34.10	54.00	-19.90	3	Horizontal	235	1.57	-
5190MHz	Pass	PK	20.77144G	44.59	74.00	-29.41	3	Horizontal	235	1.57	-
5230MHz	Pass	AV	5.1428G	48.05	54.00	-5.95	3	Vertical	19	2.21	-
5230MHz	Pass	AV	5.2336G	98.74	Inf	-Inf	3	Vertical	19	2.21	-
5230MHz	Pass	PK	5.1388G	61.11	74.00	-12.89	3	Vertical	19	2.21	-
5230MHz	Pass	PK	5.2324G	109.79	Inf	-Inf	3	Vertical	19	2.21	-
5230MHz	Pass	AV	5.1496G	50.98	54.00	-3.02	3	Horizontal	13	2.17	-
5230MHz	Pass	AV	5.2288G	102.86	Inf	-Inf	3	Horizontal	13	2.17	-
5230MHz	Pass	PK	5.1468G	64.42	74.00	-9.58	3	Horizontal	13	2.17	-
5230MHz	Pass	PK	5.2284G	115.38	Inf	-Inf	3	Horizontal	13	2.17	-
5230MHz	Pass	AV	15.67504G	48.31	54.00	-5.69	3	Vertical	33	1.41	-
5230MHz	Pass	PK	10.44688G	53.23	68.20	-14.97	3	Vertical	340	2.68	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	15.68376G	61.19	74.00	-12.81	3	Vertical	33	1.41	-
5230MHz	Pass	AV	15.67864G	48.26	54.00	-5.74	3	Horizontal	22	1.50	-
5230MHz	Pass	PK	10.45784G	53.29	68.20	-14.91	3	Horizontal	226	1.34	-
5230MHz	Pass	PK	15.67152G	61.53	74.00	-12.47	3	Horizontal	22	1.50	-
5230MHz	Pass	AV	20.92008G	37.73	54.00	-16.27	3	Vertical	141	1.57	-
5230MHz	Pass	PK	20.92G	47.05	74.00	-26.95	3	Vertical	141	1.57	-
5230MHz	Pass	AV	20.91992G	33.60	54.00	-20.40	3	Horizontal	191	1.50	-
5230MHz	Pass	PK	20.9108G	45.58	74.00	-28.42	3	Horizontal	191	1.50	-
5755MHz	Pass	AV	5.761G	101.66	Inf	-Inf	3	Vertical	36	2.28	-
5755MHz	Pass	PK	5.6494G	63.89	68.20	-4.31	3	Vertical	36	2.28	-
5755MHz	Pass	PK	5.7598G	113.59	Inf	-Inf	3	Vertical	36	2.28	-
5755MHz	Pass	PK	5.9314G	61.73	68.20	-6.47	3	Vertical	36	2.28	-
5755MHz	Pass	AV	5.761G	103.62	Inf	-Inf	3	Horizontal	346	2.16	-
5755MHz	Pass	PK	5.6422G	66.38	68.20	-1.82	3	Horizontal	346	2.16	-
5755MHz	Pass	PK	5.7502G	115.46	Inf	-Inf	3	Horizontal	346	2.16	-
5755MHz	Pass	PK	5.9302G	61.52	68.20	-6.68	3	Horizontal	346	2.16	-
5755MHz	Pass	AV	11.50392G	41.83	54.00	-12.17	3	Vertical	186	2.11	-
5755MHz	Pass	PK	11.50336G	55.49	74.00	-18.51	3	Vertical	186	2.11	-
5755MHz	Pass	PK	17.27236G	65.51	68.20	-2.69	3	Vertical	352	1.39	-
5755MHz	Pass	AV	11.50376G	41.57	54.00	-12.43	3	Horizontal	224	1.50	-
5755MHz	Pass	PK	11.50456G	54.96	74.00	-19.04	3	Horizontal	224	1.50	-
5755MHz	Pass	PK	17.27988G	65.73	68.20	-2.47	3	Horizontal	51	1.00	-
5755MHz	Pass	AV	23.02008G	40.75	54.00	-13.25	3	Vertical	222	1.64	-
5755MHz	Pass	PK	23.02G	49.30	74.00	-24.70	3	Vertical	222	1.64	-
5755MHz	Pass	AV	23.02008G	35.66	54.00	-18.34	3	Horizontal	43	1.50	-
5755MHz	Pass	PK	23.00992G	47.73	74.00	-26.27	3	Horizontal	43	1.50	-
5795MHz	Pass	AV	5.7926G	103.07	Inf	-Inf	3	Vertical	39	1.07	-
5795MHz	Pass	PK	5.6498G	62.66	68.20	-5.54	3	Vertical	39	1.07	-
5795MHz	Pass	PK	5.7998G	114.48	Inf	-Inf	3	Vertical	39	1.07	-
5795MHz	Pass	PK	5.9246G	63.26	68.50	-5.24	3	Vertical	39	1.07	-
5795MHz	Pass	AV	5.7998G	105.07	Inf	-Inf	3	Horizontal	38	2.33	-
5795MHz	Pass	PK	5.6498G	65.53	68.20	-2.67	3	Horizontal	38	2.33	-
5795MHz	Pass	PK	5.801G	116.52	Inf	-Inf	3	Horizontal	38	2.33	-
5795MHz	Pass	PK	5.9282G	65.31	68.20	-2.89	3	Horizontal	38	2.33	-
5795MHz	Pass	AV	11.59344G	42.02	54.00	-11.98	3	Vertical	3	1.91	-
5795MHz	Pass	PK	11.59264G	54.65	74.00	-19.35	3	Vertical	3	1.91	-
5795MHz	Pass	PK	17.36972G	66.02	68.20	-2.18	3	Vertical	354	1.37	-
5795MHz	Pass	AV	11.59456G	41.96	54.00	-12.04	3	Horizontal	68	2.17	-
5795MHz	Pass	PK	11.5844G	54.94	74.00	-19.06	3	Horizontal	68	2.17	-
5795MHz	Pass	PK	17.37156G	66.87	68.20	-1.33	3	Horizontal	55	1.50	-
5795MHz	Pass	PK	23.17984G	49.33	68.20	-18.87	3	Vertical	220	1.61	-
5795MHz	Pass	PK	23.17984G	48.10	68.20	-20.10	3	Horizontal	243	1.57	-
802.11ax HEW80_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	48.33	54.00	-5.67	3	Vertical	15	2.11	-
5210MHz	Pass	AV	5.217G	93.78	Inf	-Inf	3	Vertical	15	2.11	-
5210MHz	Pass	AV	5.359G	47.20	54.00	-6.80	3	Vertical	15	2.11	-
5210MHz	Pass	PK	5.146G	62.00	74.00	-12.00	3	Vertical	15	2.11	-
5210MHz	Pass	PK	5.227G	106.02	Inf	-Inf	3	Vertical	15	2.11	-
5210MHz	Pass	PK	5.368G	61.06	74.00	-12.94	3	Vertical	15	2.11	-
5210MHz	Pass	AV	5.146G	51.46	54.00	-2.54	3	Horizontal	14	2.17	-
5210MHz	Pass	AV	5.214G	98.48	Inf	-Inf	3	Horizontal	14	2.17	-
5210MHz	Pass	AV	5.376G	49.15	54.00	-4.85	3	Horizontal	14	2.17	-
5210MHz	Pass	PK	5.146G	66.53	74.00	-7.47	3	Horizontal	14	2.17	-
5210MHz	Pass	PK	5.214G	109.30	Inf	-Inf	3	Horizontal	14	2.17	-
5210MHz	Pass	PK	5.373G	61.02	74.00	-12.98	3	Horizontal	14	2.17	-
5210MHz	Pass	AV	15.61168G	48.45	54.00	-5.55	3	Vertical	136	1.67	-
5210MHz	Pass	PK	10.42328G	53.48	68.20	-14.72	3	Vertical	158	1.50	-
5210MHz	Pass	PK	15.62032G	62.37	74.00	-11.63	3	Vertical	136	1.67	-
5210MHz	Pass	AV	15.61128G	48.57	54.00	-5.43	3	Horizontal	204	1.20	-
5210MHz	Pass	PK	10.42968G	53.50	68.20	-14.70	3	Horizontal	360	2.89	-
5210MHz	Pass	PK	15.62096G	61.49	74.00	-12.51	3	Horizontal	204	1.20	-
5210MHz	Pass	AV	20.84G	38.58	54.00	-15.42	3	Vertical	141	1.58	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	20.84G	47.38	74.00	-26.62	3	Vertical	141	1.58	-
5210MHz	Pass	AV	20.84G	34.91	54.00	-19.09	3	Horizontal	188	1.50	-
5210MHz	Pass	PK	20.83984G	45.67	74.00	-28.33	3	Horizontal	188	1.50	-
5775MHz	Pass	AV	5.7618G	96.22	Inf	-Inf	3	Vertical	38	2.29	-
5775MHz	Pass	PK	5.6406G	64.13	68.20	-4.07	3	Vertical	38	2.29	-
5775MHz	Pass	PK	5.7618G	109.52	Inf	-Inf	3	Vertical	38	2.29	-
5775MHz	Pass	PK	5.925G	62.10	68.20	-6.10	3	Vertical	38	2.29	-
5775MHz	Pass	AV	5.7714G	98.67	Inf	-Inf	3	Horizontal	347	2.35	-
5775MHz	Pass	PK	5.6298G	67.52	68.20	-0.68	3	Horizontal	347	2.35	-
5775MHz	Pass	PK	5.7702G	110.11	Inf	-Inf	3	Horizontal	347	2.35	-
5775MHz	Pass	PK	5.9418G	63.45	68.20	-4.75	3	Horizontal	347	2.35	-
5775MHz	Pass	AV	11.52184G	41.16	54.00	-12.84	3	Vertical	130	1.50	-
5775MHz	Pass	PK	11.51384G	54.62	74.00	-19.38	3	Vertical	130	1.50	-
5775MHz	Pass	PK	17.3482G	63.46	68.20	-4.74	3	Vertical	351	1.50	-
5775MHz	Pass	AV	11.5244G	40.86	54.00	-13.14	3	Horizontal	248	2.50	-
5775MHz	Pass	PK	11.56712G	53.52	74.00	-20.48	3	Horizontal	248	2.50	-
5775MHz	Pass	PK	17.30116G	63.08	68.20	-5.12	3	Horizontal	171	2.11	-
5775MHz	Pass	AV	23.1G	37.21	54.00	-16.79	3	Vertical	247	1.55	-
5775MHz	Pass	PK	23.09296G	47.84	74.00	-26.16	3	Vertical	247	1.55	-
5775MHz	Pass	AV	23.1G	35.57	54.00	-18.43	3	Horizontal	244	1.58	-
5775MHz	Pass	PK	23.10768G	47.38	74.00	-26.62	3	Horizontal	244	1.58	-

802.11a_Nss1,(6Mbps)_2TX

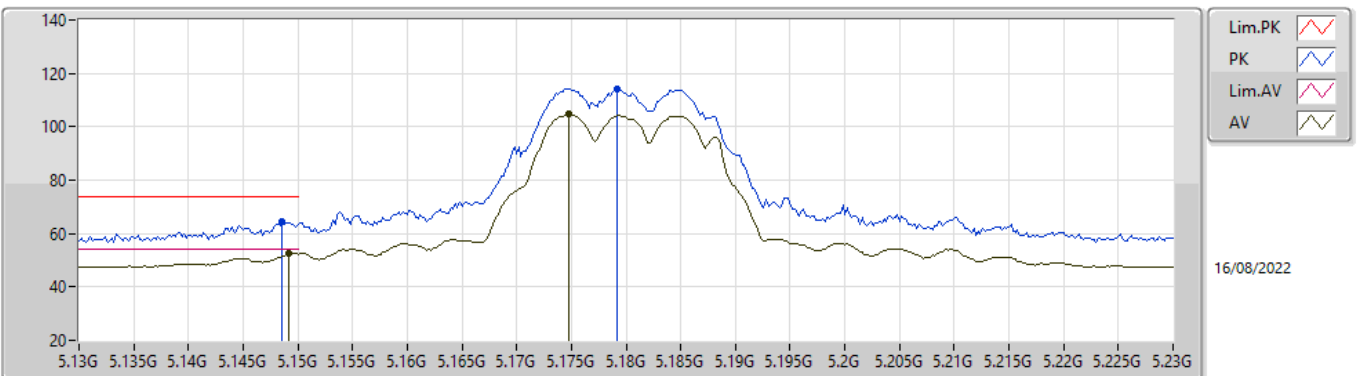
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1472G	48.75	54.00	-5.25	8.90	3	Vertical	345	2.26	-	39.85	33.20	9.83	34.13
AV	5.1774G	100.40	Inf	-Inf	8.87	3	Vertical	345	2.26	-	91.53	33.15	9.85	34.13
PK	5.1478G	60.60	74.00	-13.40	8.90	3	Vertical	345	2.26	-	51.70	33.20	9.83	34.13
PK	5.1768G	110.75	Inf	-Inf	8.87	3	Vertical	345	2.26	-	101.88	33.15	9.85	34.13

802.11a_Nss1,(6Mbps)_2TX

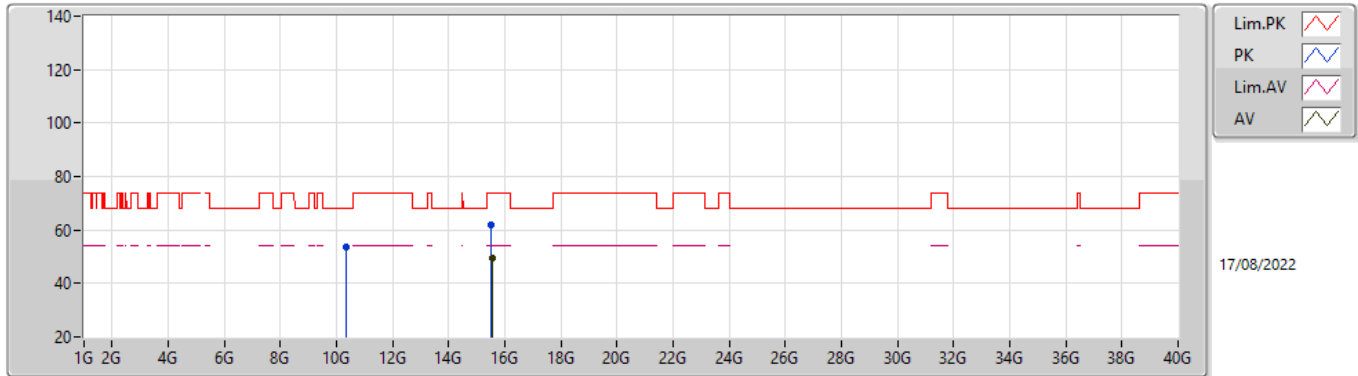
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	52.48	54.00	-1.52	8.90	3	Horizontal	13	2.21	-	43.58	33.20	9.83	34.13
AV	5.1748G	104.62	Inf	-Inf	8.87	3	Horizontal	13	2.21	-	95.75	33.15	9.85	34.13
PK	5.1486G	64.24	74.00	-9.76	8.90	3	Horizontal	13	2.21	-	55.34	33.20	9.83	34.13
PK	5.1792G	114.24	Inf	-Inf	8.86	3	Horizontal	13	2.21	-	105.38	33.14	9.85	34.13

802.11a_Nss1,(6Mbps)_2TX

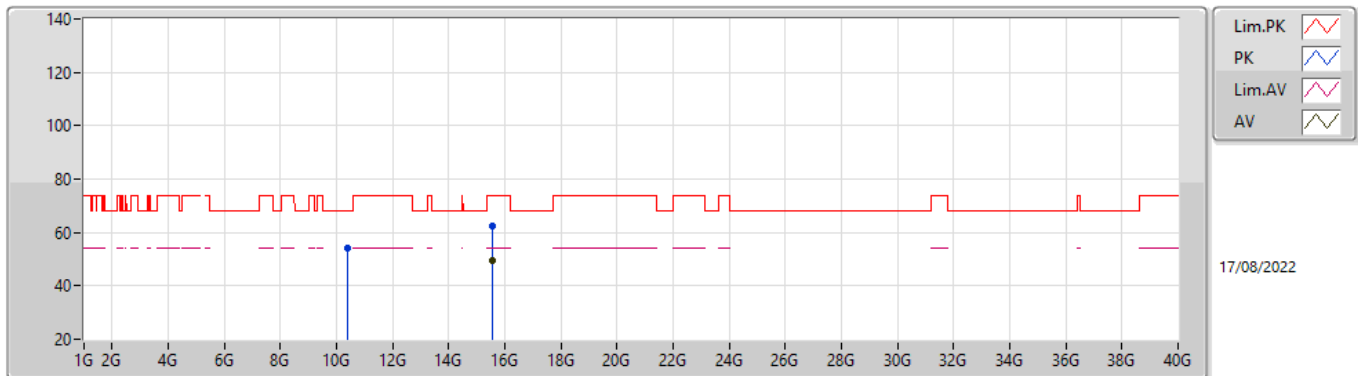
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.54584G	49.46	54.00	-4.54	19.94	3	Vertical	118	1.50	-	29.52	38.70	15.68	34.44
PK	10.34856G	53.51	68.20	-14.69	16.72	3	Vertical	194	2.25	-	36.79	38.65	12.67	34.60
PK	15.53024G	62.10	74.00	-11.90	19.94	3	Vertical	118	1.50	-	42.16	38.70	15.67	34.43

802.11a_Nss1,(6Mbps)_2TX

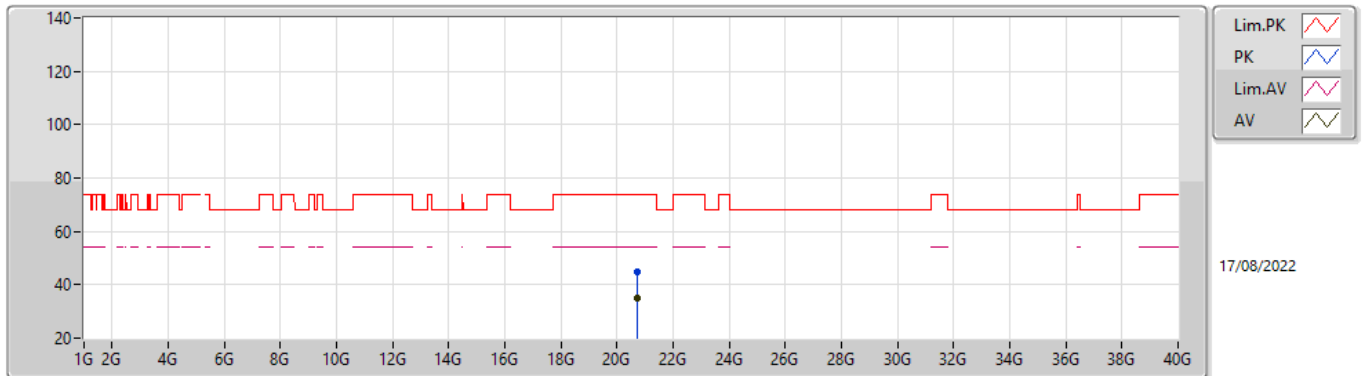
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5548G	49.36	54.00	-4.64	19.95	3	Horizontal	224	1.50	-	29.41	38.70	15.69	34.44
PK	10.37648G	54.07	68.20	-14.13	16.78	3	Horizontal	147	2.19	-	37.29	38.68	12.68	34.58
PK	15.54704G	62.23	74.00	-11.77	19.94	3	Horizontal	224	1.50	-	42.29	38.70	15.68	34.44

802.11a_Nss1,(6Mbps)_2TX

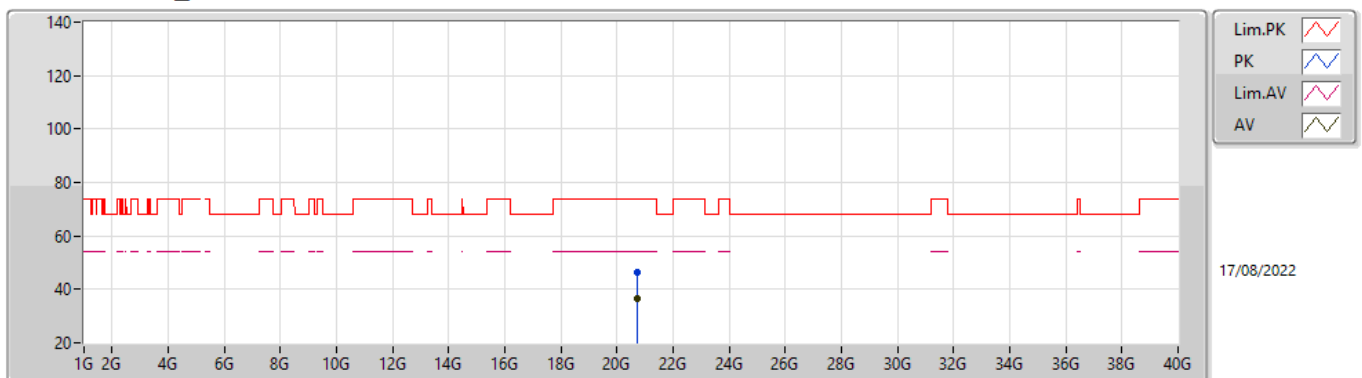
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.72G	34.81	54.00	-19.19	-7.99	3	Vertical	354	1.50	-	42.80	37.99	17.34	53.78
PK	20.72016G	45.02	74.00	-28.98	-7.99	3	Vertical	354	1.50	-	53.01	37.99	17.34	53.78

802.11a_Nss1,(6Mbps)_2TX

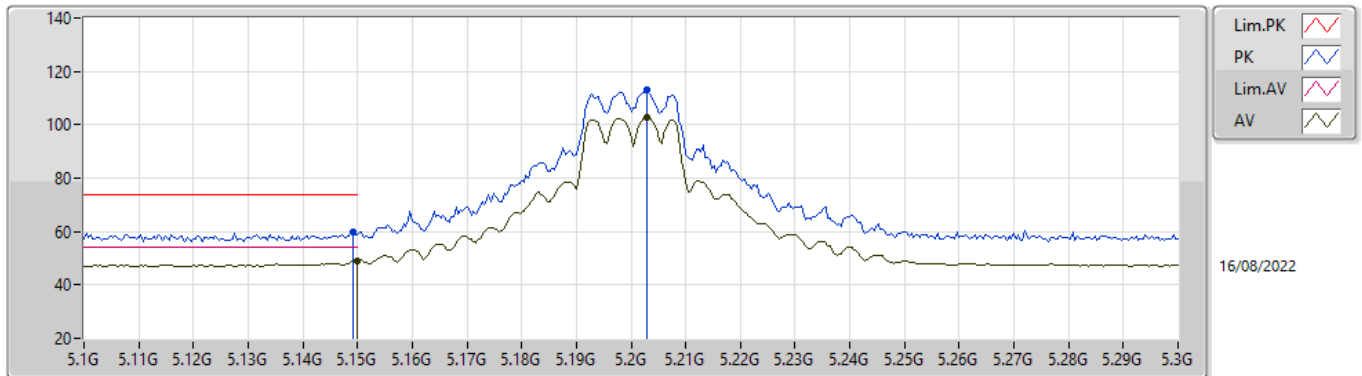
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.72G	36.42	54.00	-17.58	-7.99	3	Horizontal	55	1.57	-	44.41	37.99	17.34	53.78
PK	20.72008G	46.30	74.00	-27.70	-7.99	3	Horizontal	55	1.57	-	54.29	37.99	17.34	53.78

802.11a_Nss1,(6Mbps)_2TX

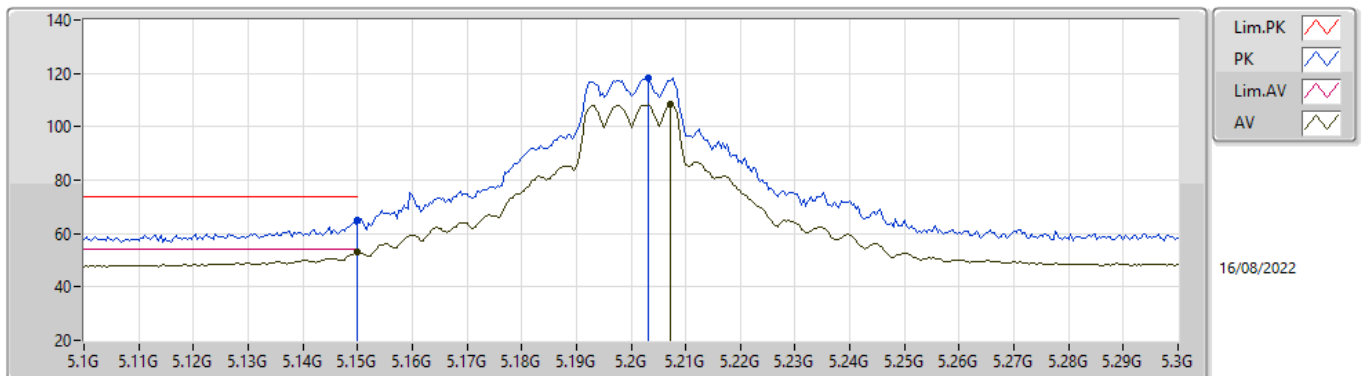
5200MHz_TX



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	5.15G	49.11	54.00	-4.89	8.90	3	Vertical	8	2.11	-	40.21	33.20	9.83	34.13
AV	5.2028G	103.01	Inf	-Inf	8.81	3	Vertical	8	2.11	-	94.20	33.09	9.86	34.14
PK	5.1492G	59.79	74.00	-14.21	8.90	3	Vertical	8	2.11	-	50.89	33.20	9.83	34.13
PK	5.2028G	113.18	Inf	-Inf	8.81	3	Vertical	8	2.11	-	104.37	33.09	9.86	34.14

802.11a_Nss1,(6Mbps)_2TX

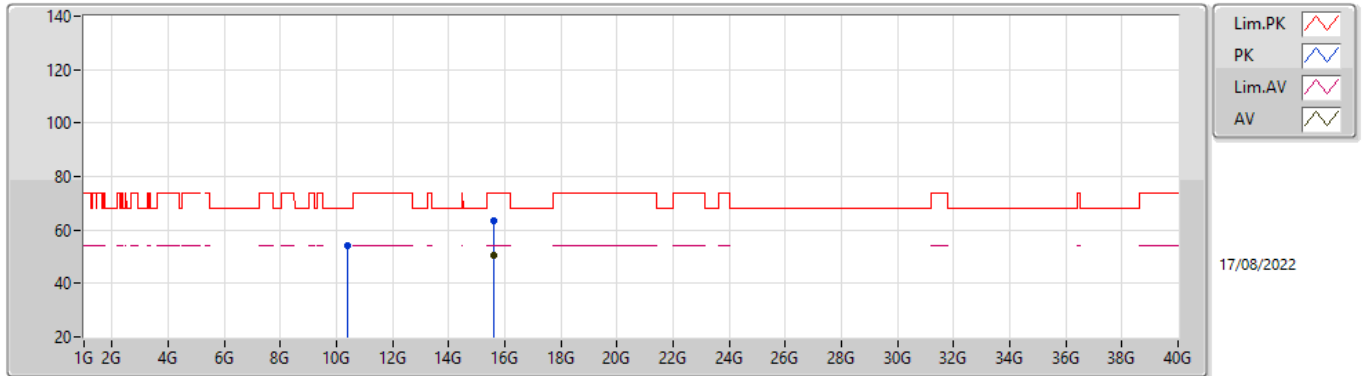
5200MHz_TX



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	5.15G	52.88	54.00	-1.12	8.90	3	Horizontal	16	2.20	-	43.98	33.20	9.83	34.13
AV	5.2072G	108.21	Inf	-Inf	8.80	3	Horizontal	16	2.20	-	99.41	33.07	9.87	34.14
PK	5.15G	65.18	74.00	-8.82	8.90	3	Horizontal	16	2.20	-	56.28	33.20	9.83	34.13
PK	5.2032G	118.52	Inf	-Inf	8.81	3	Horizontal	16	2.20	-	109.71	33.09	9.86	34.14

802.11a_Nss1,(6Mbps)_2TX

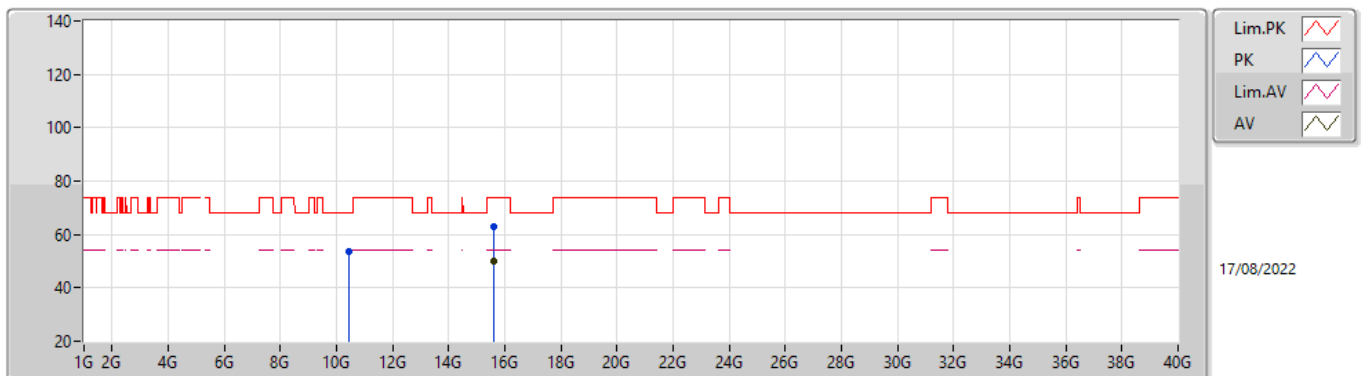
5200MHz_TX



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	15.59696G	50.69	54.00	-3.31	19.96	3	Vertical	39	1.23	-	30.73	38.70	15.72	34.46
PK	10.40584G	54.04	68.20	-14.16	16.82	3	Vertical	15	1.02	-	37.22	38.69	12.69	34.56
PK	15.59928G	63.48	74.00	-10.52	19.95	3	Vertical	39	1.23	-	43.53	38.70	15.72	34.47

802.11a_Nss1,(6Mbps)_2TX

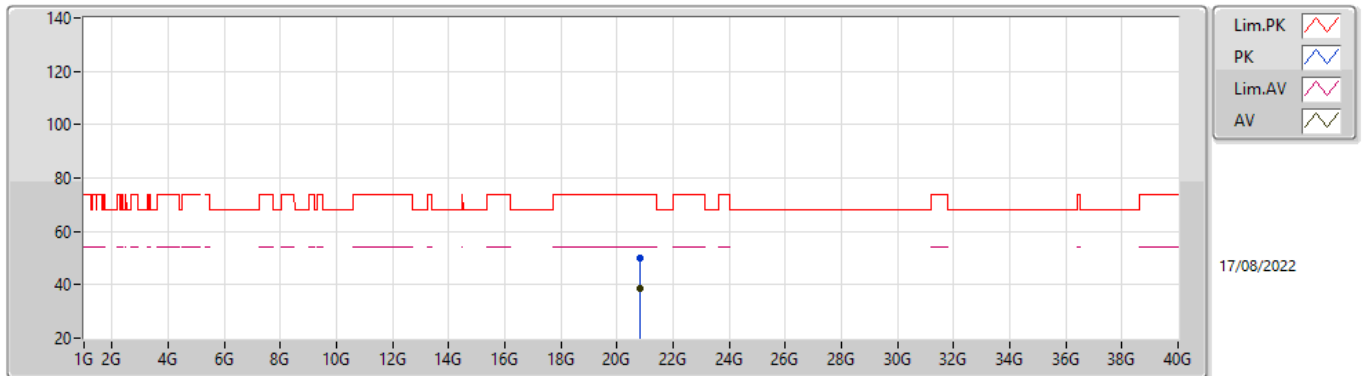
5200MHz_TX



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	15.60376G	50.06	54.00	-3.94	19.94	3	Horizontal	26	2.45	-	30.12	38.68	15.73	34.47
PK	10.41928G	53.43	68.20	-14.77	16.82	3	Horizontal	50	1.05	-	36.61	38.68	12.69	34.55
PK	15.60312G	62.77	74.00	-11.23	19.94	3	Horizontal	26	2.45	-	42.83	38.68	15.73	34.47

802.11a_Nss1,(6Mbps)_2TX

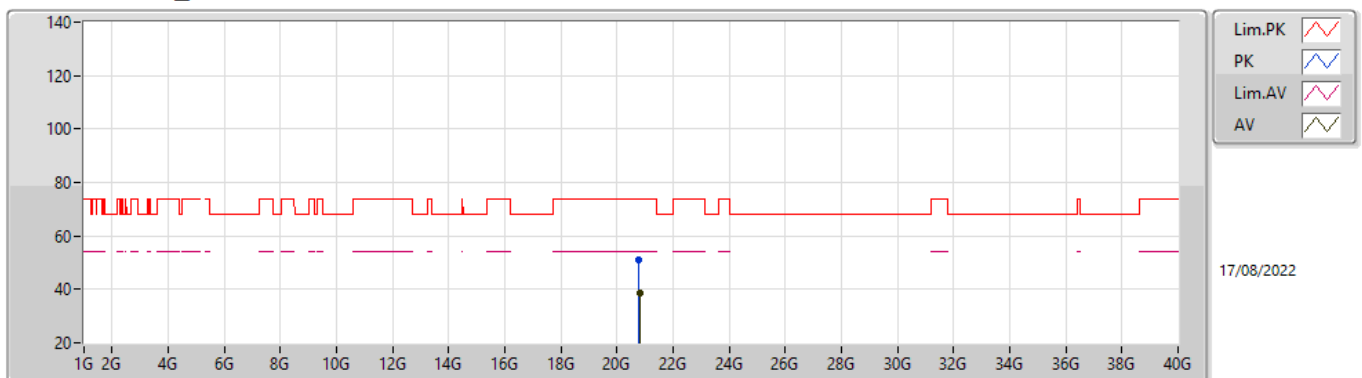
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.80016G	38.59	54.00	-15.41	-7.87	3	Vertical	147	1.50	-	46.46	38.14	17.37	53.84
PK	20.80032G	49.82	74.00	-24.18	-7.87	3	Vertical	147	1.50	-	57.69	38.14	17.37	53.84

802.11a_Nss1,(6Mbps)_2TX

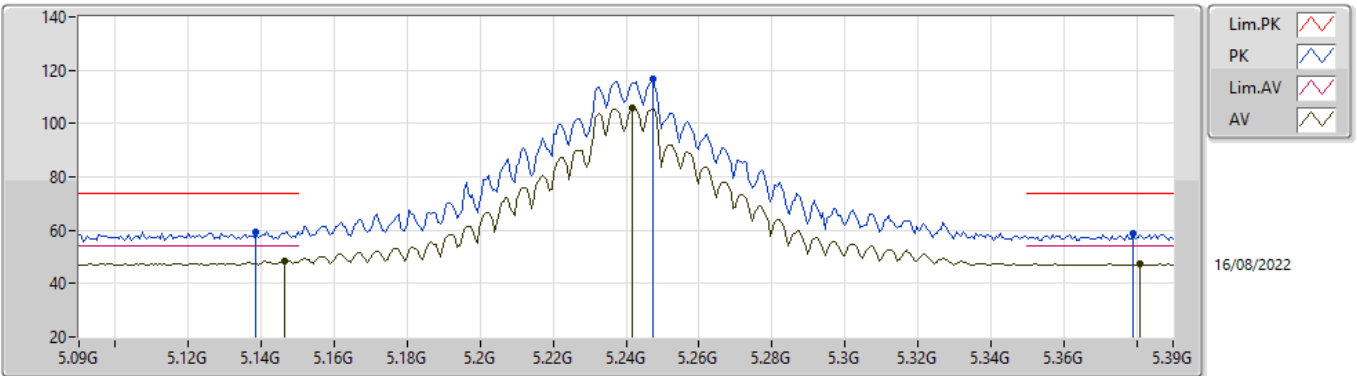
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.8G	38.51	54.00	-15.49	-7.87	3	Horizontal	64	1.54	-	46.38	38.14	17.37	53.84
PK	20.79472G	51.18	74.00	-22.82	-7.88	3	Horizontal	64	1.54	-	59.06	38.13	17.37	53.84

802.11a_Nss1,(6Mbps)_2TX

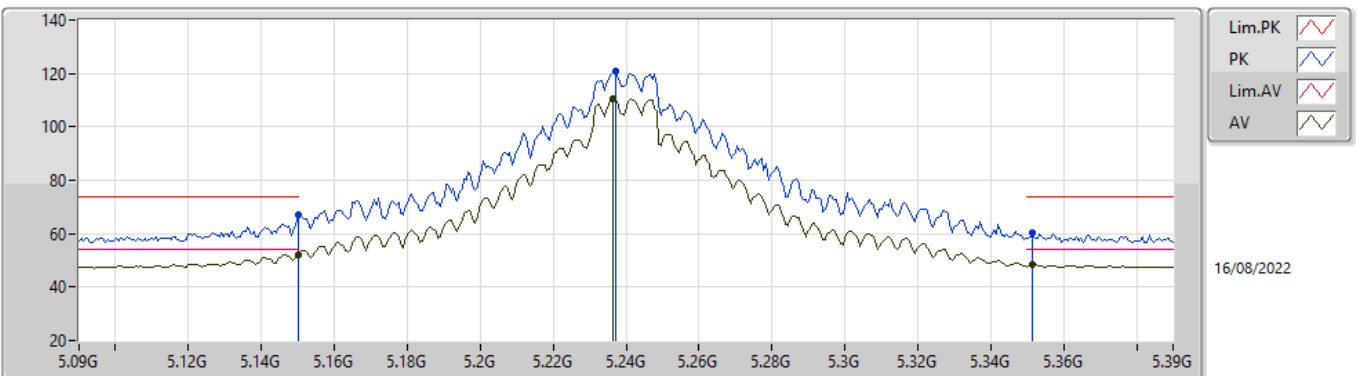
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	48.52	54.00	-5.48	8.90	3	Vertical	19	2.54	-	39.62	33.20	9.83	34.13
AV	5.2418G	105.73	Inf	-Inf	8.68	3	Vertical	19	2.54	-	97.05	32.93	9.89	34.14
AV	5.381G	47.28	54.00	-6.72	8.58	3	Vertical	19	2.54	-	38.70	32.76	9.99	34.17
PK	5.1386G	59.29	74.00	-14.71	8.91	3	Vertical	19	2.54	-	50.38	33.20	9.83	34.12
PK	5.2472G	116.69	Inf	-Inf	8.66	3	Vertical	19	2.54	-	108.03	32.91	9.89	34.14
PK	5.3792G	58.55	74.00	-15.45	8.58	3	Vertical	19	2.54	-	49.97	32.76	9.99	34.17

802.11a_Nss1,(6Mbps)_2TX

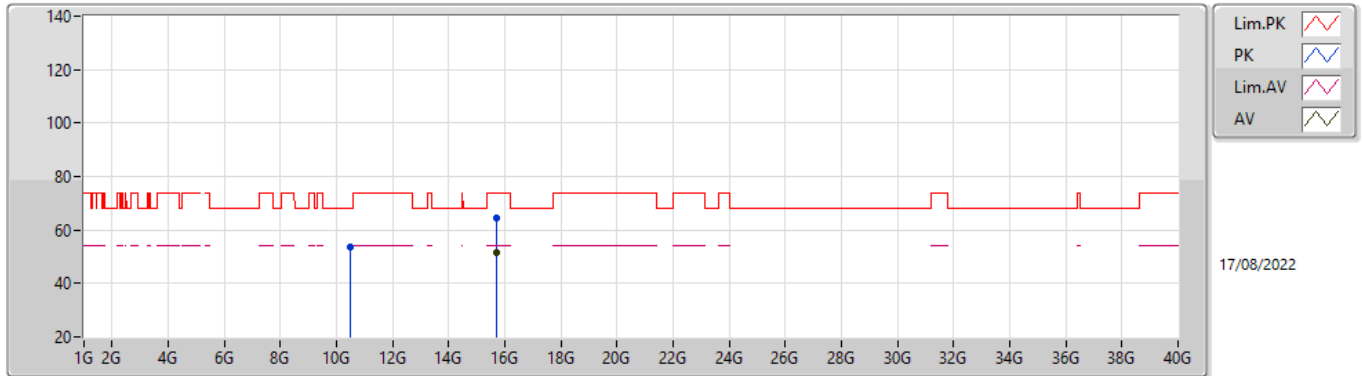
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	51.95	54.00	-2.05	8.90	3	Horizontal	27	2.28	-	43.05	33.20	9.83	34.13
AV	5.2364G	110.50	Inf	-Inf	8.70	3	Horizontal	27	2.28	-	101.80	32.95	9.89	34.14
AV	5.3516G	48.27	54.00	-5.73	8.51	3	Horizontal	27	2.28	-	39.76	32.70	9.97	34.16
PK	5.15G	67.23	74.00	-6.77	8.90	3	Horizontal	27	2.28	-	58.33	33.20	9.83	34.13
PK	5.237G	120.71	Inf	-Inf	8.70	3	Horizontal	27	2.28	-	112.01	32.95	9.89	34.14
PK	5.3516G	60.54	74.00	-13.46	8.51	3	Horizontal	27	2.28	-	52.03	32.70	9.97	34.16

802.11a_Nss1,(6Mbps)_2TX

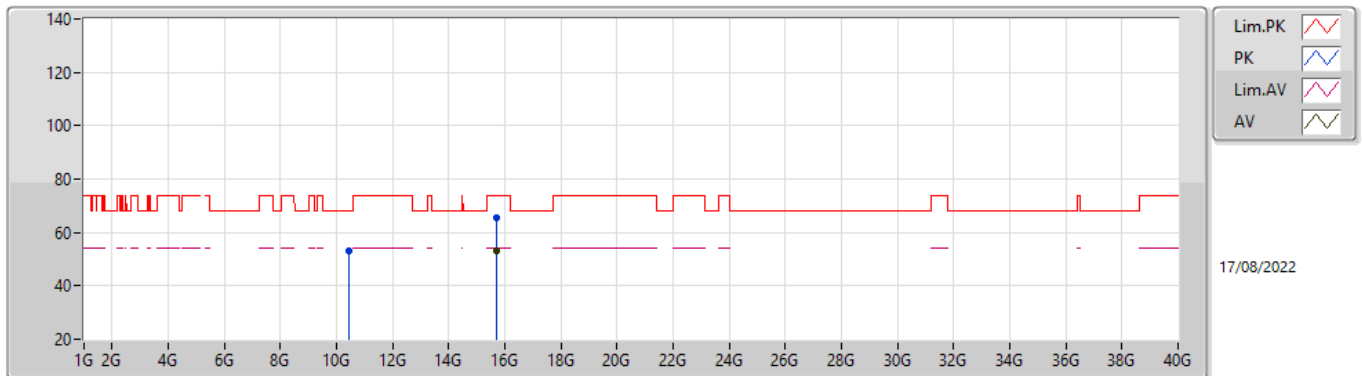
5240MHz_TX



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	15.726G	51.36	54.00	-2.64	19.45	3	Vertical	38	1.50	-	31.91	38.17	15.82	34.54
PK	10.46944G	53.62	68.20	-14.58	16.83	3	Vertical	250	2.17	-	36.79	38.63	12.71	34.51
PK	15.7204G	64.26	74.00	-9.74	19.46	3	Vertical	38	1.50	-	44.80	38.18	15.81	34.53

802.11a_Nss1,(6Mbps)_2TX

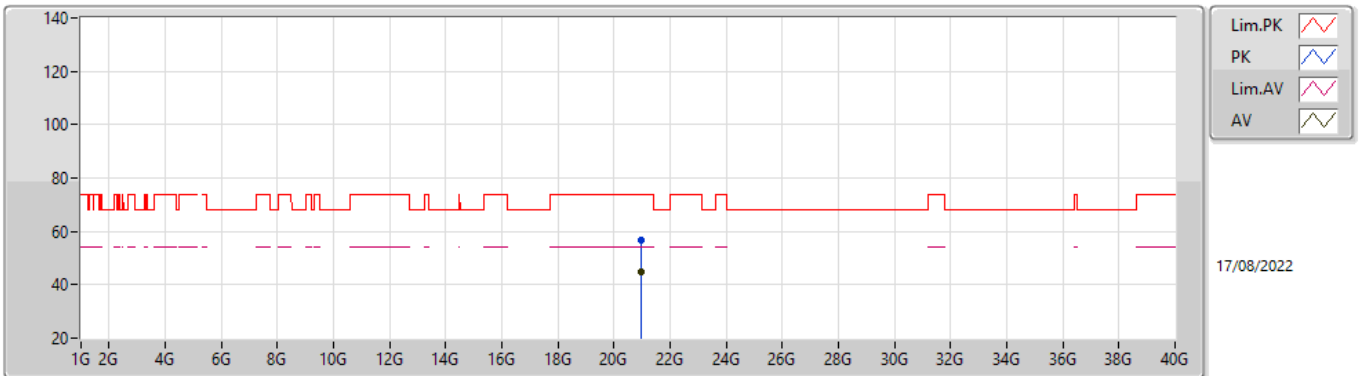
5240MHz_TX



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	15.72384G	52.91	54.00	-1.09	19.46	3	Horizontal	29	1.00	-	33.45	38.18	15.82	34.54
PK	10.46496G	53.29	68.20	-14.91	16.83	3	Horizontal	182	1.50	-	36.46	38.64	12.71	34.52
PK	15.72416G	65.41	74.00	-8.59	19.46	3	Horizontal	29	1.00	-	45.95	38.18	15.82	34.54

802.11a_Nss1,(6Mbps)_2TX

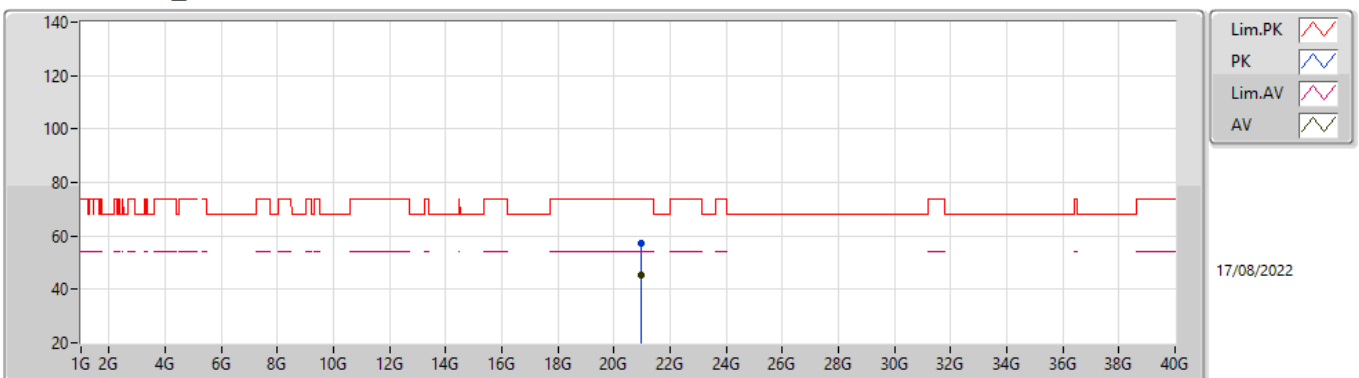
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.96368G	44.62	54.00	-9.38	-7.47	3	Vertical	19	1.50	-	52.09	38.60	17.44	53.97
PK	20.95424G	56.89	74.00	-17.11	-7.49	3	Vertical	19	1.50	-	64.38	38.57	17.44	53.96

802.11a_Nss1,(6Mbps)_2TX

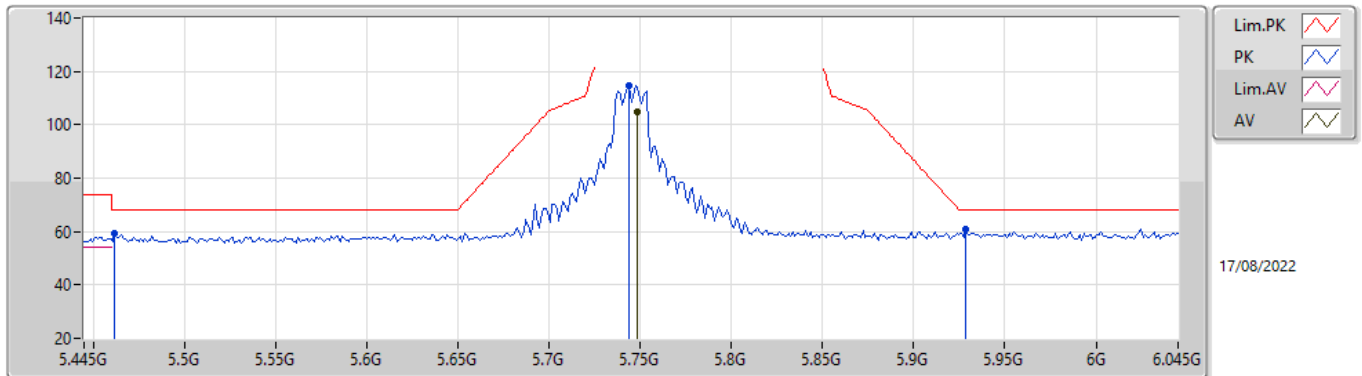
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.96432G	45.36	54.00	-8.64	-7.47	3	Horizontal	57	1.54	-	52.83	38.60	17.44	53.97
PK	20.96448G	57.40	74.00	-16.60	-7.47	3	Horizontal	57	1.54	-	64.87	38.60	17.44	53.97

802.11a_Nss1,(6Mbps)_2TX

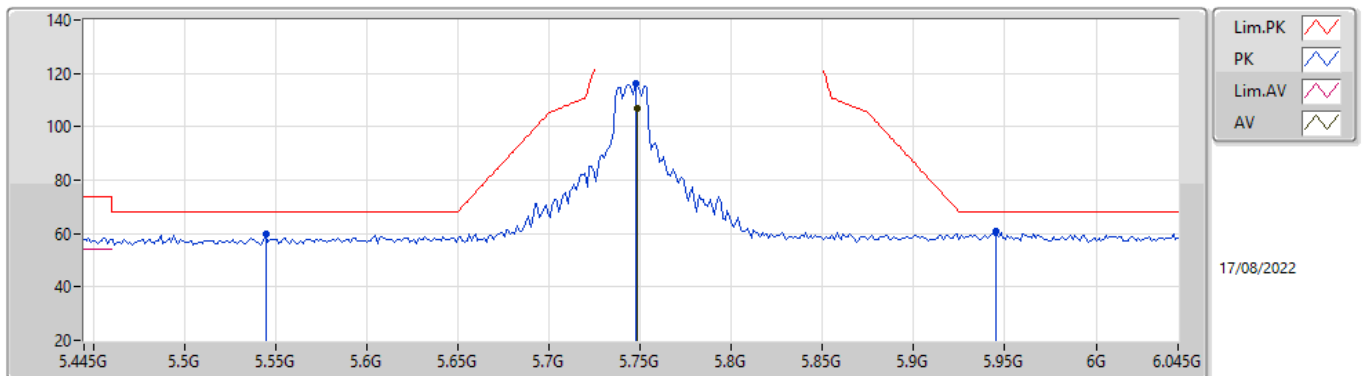
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7486G	104.58	Inf	-Inf	9.64	3	Vertical	36	2.10	-	94.94	33.69	10.15	34.20
PK	5.4618G	59.11	68.20	-9.09	8.76	3	Vertical	36	2.10	-	50.35	32.92	10.02	34.18
PK	5.7438G	114.59	Inf	-Inf	9.61	3	Vertical	36	2.10	-	104.98	33.66	10.15	34.20
PK	5.9286G	61.02	68.20	-7.18	10.27	3	Vertical	36	2.10	-	50.75	34.21	10.28	34.22

802.11a_Nss1,(6Mbps)_2TX

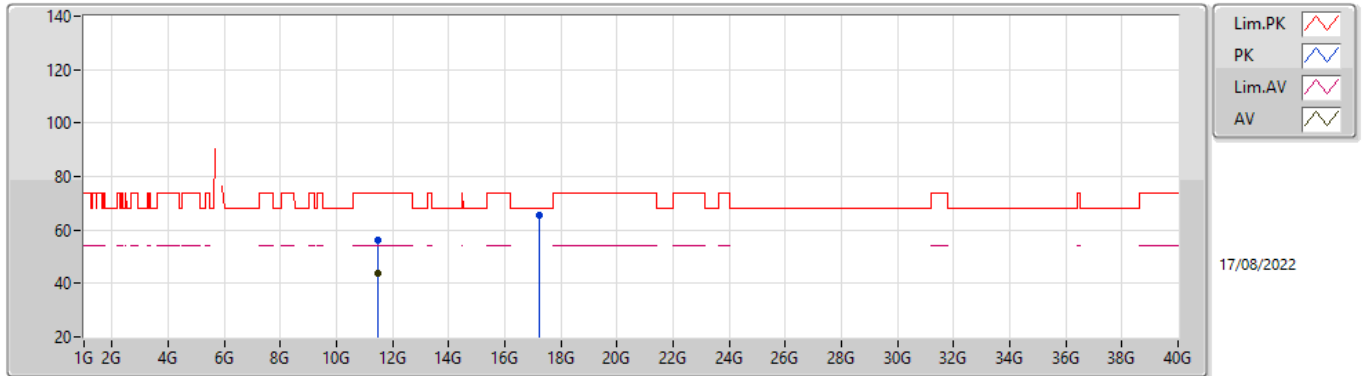
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7486G	107.12	Inf	-Inf	9.64	3	Horizontal	344	2.36	-	97.48	33.69	10.15	34.20
PK	5.5446G	59.89	68.20	-8.31	8.68	3	Horizontal	344	2.36	-	51.21	32.82	10.05	34.19
PK	5.7474G	116.28	Inf	-Inf	9.63	3	Horizontal	344	2.36	-	106.65	33.68	10.15	34.20
PK	5.9454G	60.66	68.20	-7.54	10.35	3	Horizontal	344	2.36	-	50.31	34.28	10.29	34.22

802.11a_Nss1,(6Mbps)_2TX

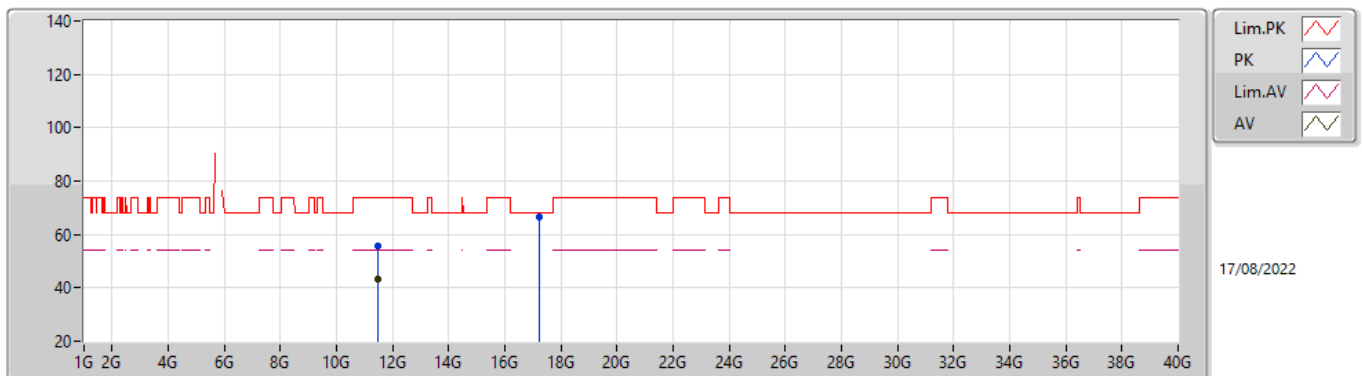
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48688G	43.82	54.00	-10.18	17.98	3	Vertical	189	1.86	-	25.84	38.93	13.11	34.06
PK	11.48672G	56.06	74.00	-17.94	17.98	3	Vertical	189	1.86	-	38.08	38.93	13.11	34.06
PK	17.2218G	65.75	68.20	-2.45	21.42	3	Vertical	349	1.42	-	44.33	38.47	16.22	33.27

802.11a_Nss1,(6Mbps)_2TX

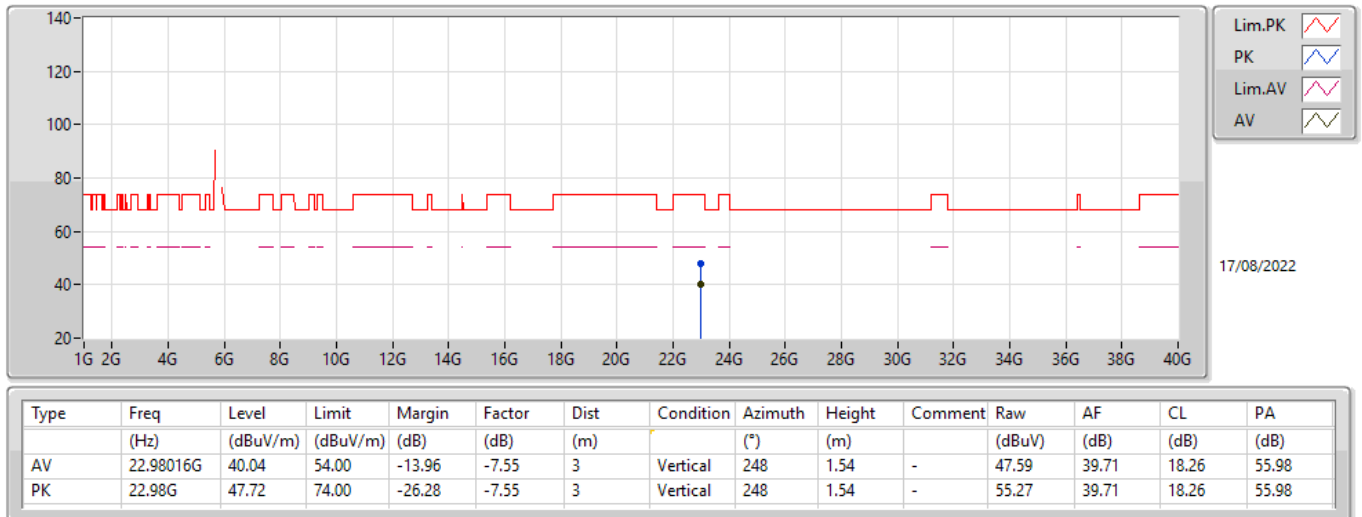
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49224G	43.19	54.00	-10.81	17.97	3	Horizontal	227	1.63	-	25.22	38.92	13.11	34.06
PK	11.4864G	55.57	74.00	-18.43	17.98	3	Horizontal	227	1.63	-	37.59	38.93	13.11	34.06
PK	17.24372G	66.66	68.20	-1.54	21.48	3	Horizontal	48	1.50	-	45.18	38.53	16.22	33.27

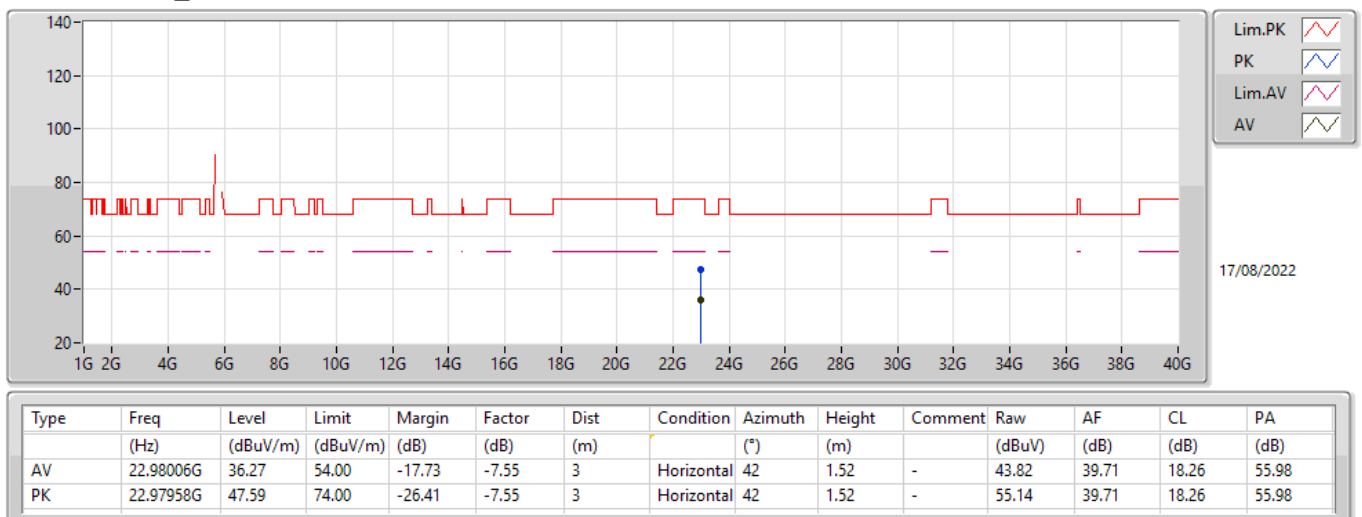
802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



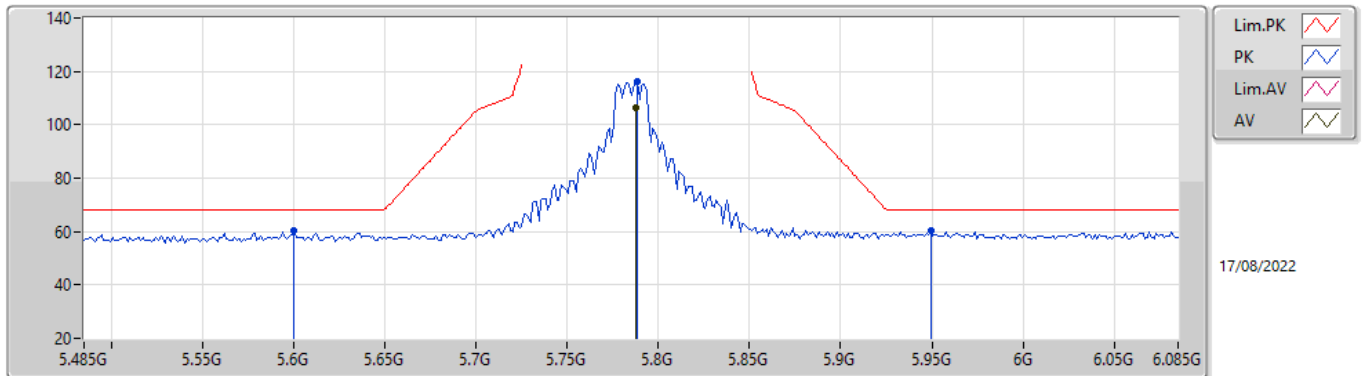
802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



802.11a_Nss1,(6Mbps)_2TX

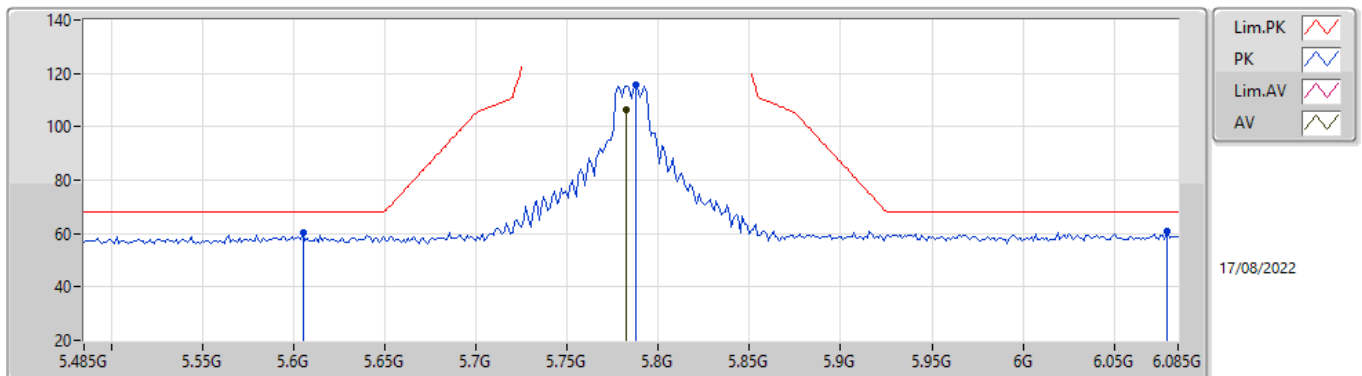
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7874G	106.35	Inf	-Inf	9.73	3	Vertical	36	2.08	-	96.62	33.77	10.17	34.21
PK	5.6002G	60.15	68.20	-8.05	8.97	3	Vertical	36	2.08	-	51.18	33.10	10.07	34.20
PK	5.7886G	116.15	Inf	-Inf	9.74	3	Vertical	36	2.08	-	106.41	33.78	10.17	34.21
PK	5.9494G	60.25	68.20	-7.95	10.37	3	Vertical	36	2.08	-	49.88	34.30	10.29	34.22

802.11a_Nss1,(6Mbps)_2TX

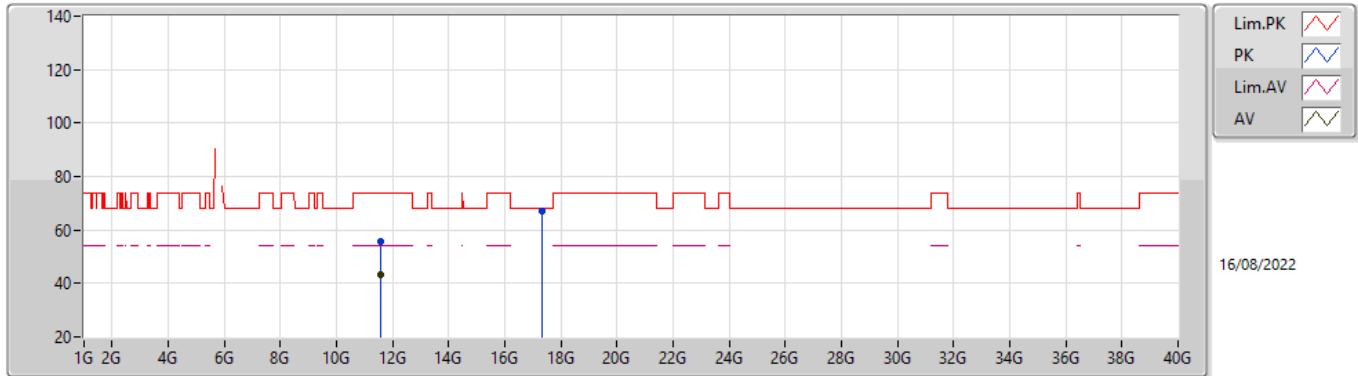
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	106.42	Inf	-Inf	9.73	3	Horizontal	37	2.16	-	96.69	33.77	10.17	34.21
PK	5.605G	60.21	68.20	-7.99	8.99	3	Horizontal	37	2.16	-	51.22	33.12	10.07	34.20
PK	5.7874G	115.74	Inf	-Inf	9.73	3	Horizontal	37	2.16	-	106.01	33.77	10.17	34.21
PK	6.079G	60.74	68.20	-7.46	10.32	3	Horizontal	37	2.16	-	50.42	34.14	10.41	34.23

802.11a_Nss1,(6Mbps)_2TX

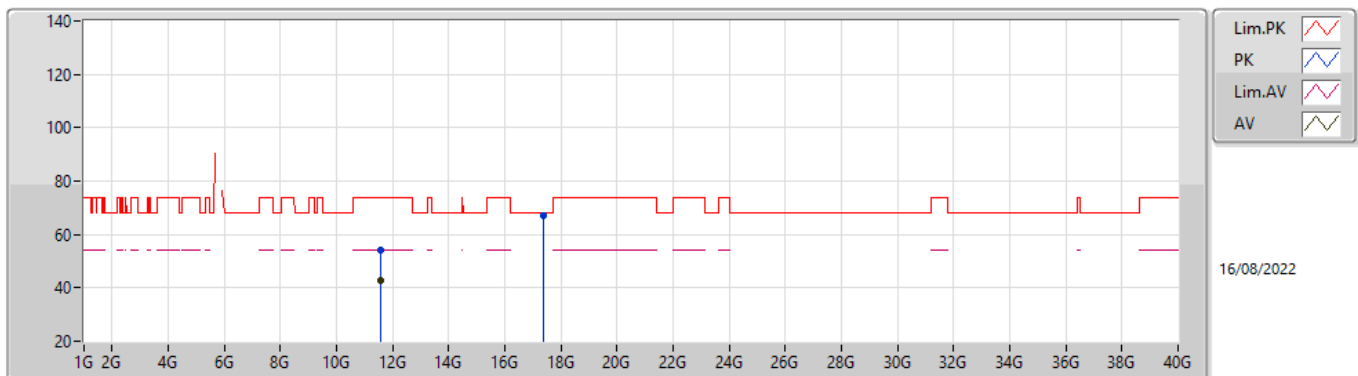
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57208G	43.12	54.00	-10.88	17.80	3	Vertical	190	1.50	-	25.32	38.76	13.14	34.10
PK	11.57792G	55.65	74.00	-18.35	17.79	3	Vertical	190	1.50	-	37.86	38.74	13.15	34.10
PK	17.3426G	67.13	68.20	-1.07	21.82	3	Vertical	351	1.43	-	45.31	38.83	16.23	33.24

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.572G	42.60	54.00	-11.40	17.80	3	Horizontal	227	1.50	-	24.80	38.76	13.14	34.10
PK	11.5868G	54.36	74.00	-19.64	17.77	3	Horizontal	227	1.50	-	36.59	38.73	13.15	34.11
PK	17.36908G	67.03	68.20	-1.17	21.92	3	Horizontal	55	1.50	-	45.11	38.91	16.24	33.23

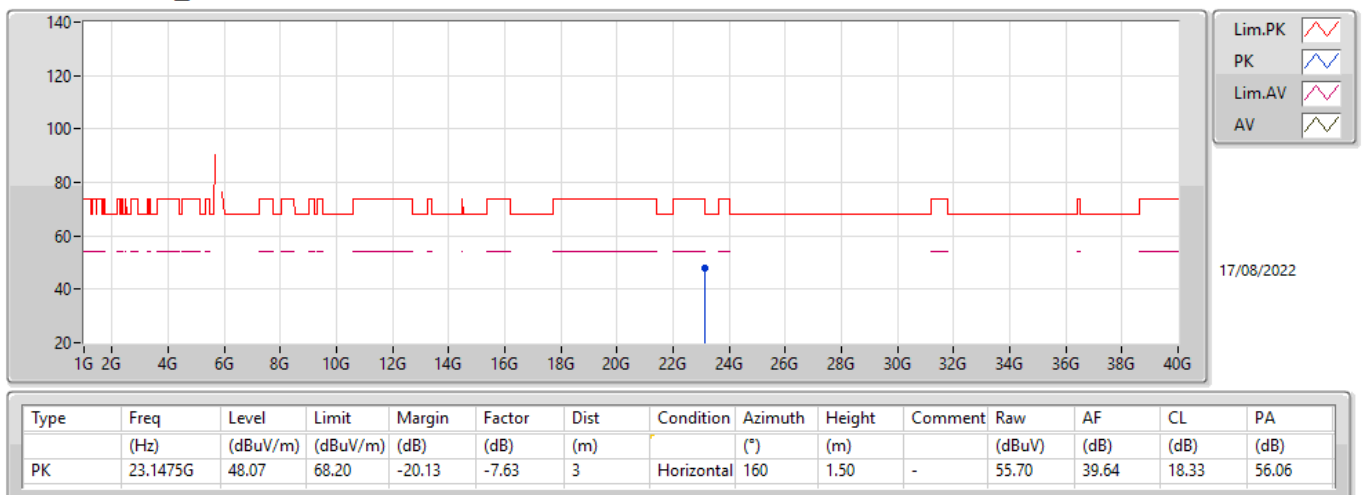
802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



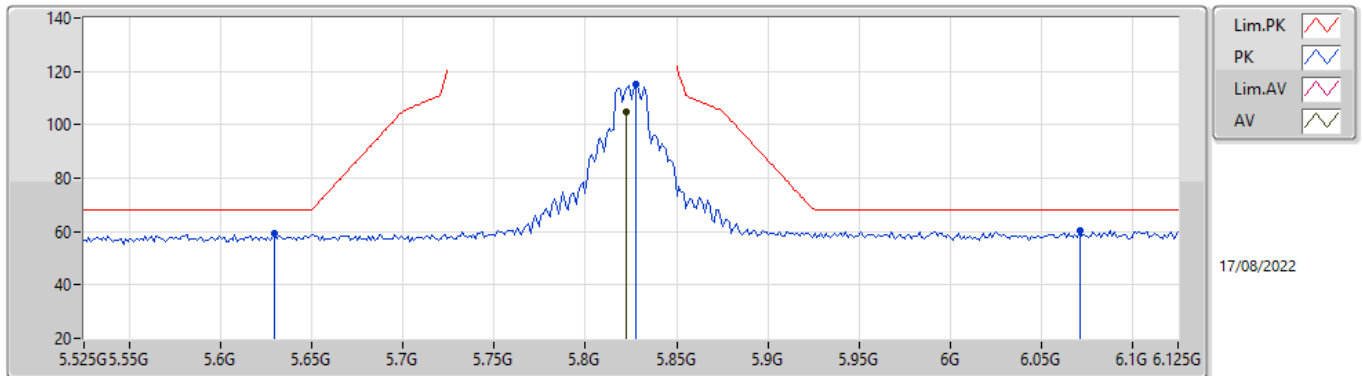
802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX



802.11a_Nss1,(6Mbps)_2TX

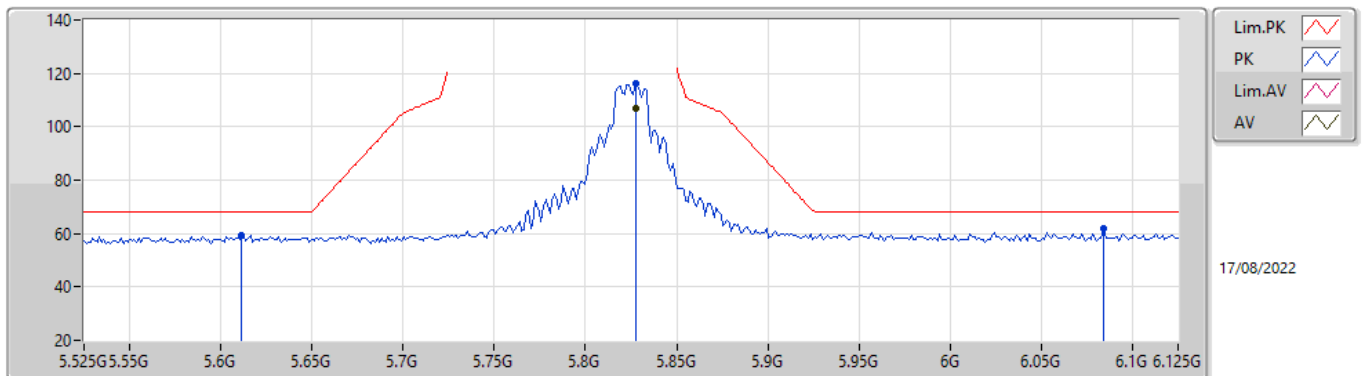
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	104.91	Inf	-Inf	9.93	3	Vertical	33	2.35	-	94.98	33.94	10.20	34.21
PK	5.6294G	59.22	68.20	-8.98	9.11	3	Vertical	33	2.35	-	50.11	33.22	10.09	34.20
PK	5.8274G	115.39	Inf	-Inf	9.95	3	Vertical	33	2.35	-	105.44	33.96	10.20	34.21
PK	6.071G	60.30	68.20	-7.90	10.33	3	Vertical	33	2.35	-	49.97	34.16	10.40	34.23

802.11a_Nss1,(6Mbps)_2TX

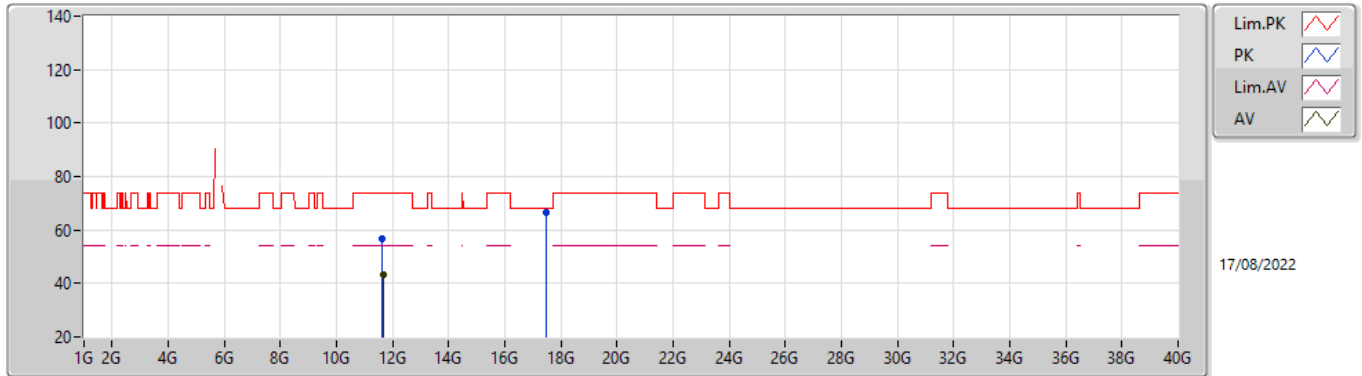
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8274G	106.88	Inf	-Inf	9.95	3	Horizontal	347	2.45	-	96.93	33.96	10.20	34.21
PK	5.6114G	59.51	68.20	-8.69	9.03	3	Horizontal	347	2.45	-	50.48	33.15	10.08	34.20
PK	5.8274G	115.96	Inf	-Inf	9.95	3	Horizontal	347	2.45	-	106.01	33.96	10.20	34.21
PK	6.0842G	61.77	68.20	-6.43	10.31	3	Horizontal	347	2.45	-	51.46	34.13	10.41	34.23

802.11a_Nss1,(6Mbps)_2TX

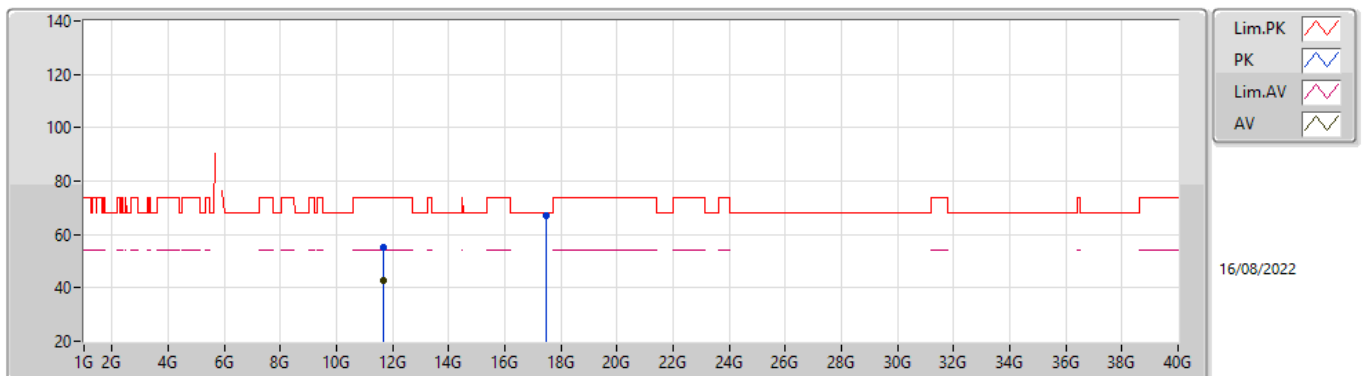
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65224G	43.26	54.00	-10.74	17.68	3	Vertical	0	1.50	-	25.58	38.65	13.17	34.14
PK	11.64664G	56.72	74.00	-17.28	17.68	3	Vertical	0	1.50	-	39.04	38.65	13.17	34.14
PK	17.473G	66.42	68.20	-1.78	22.20	3	Vertical	342	1.48	-	44.22	39.15	16.26	33.21

802.11a_Nss1,(6Mbps)_2TX

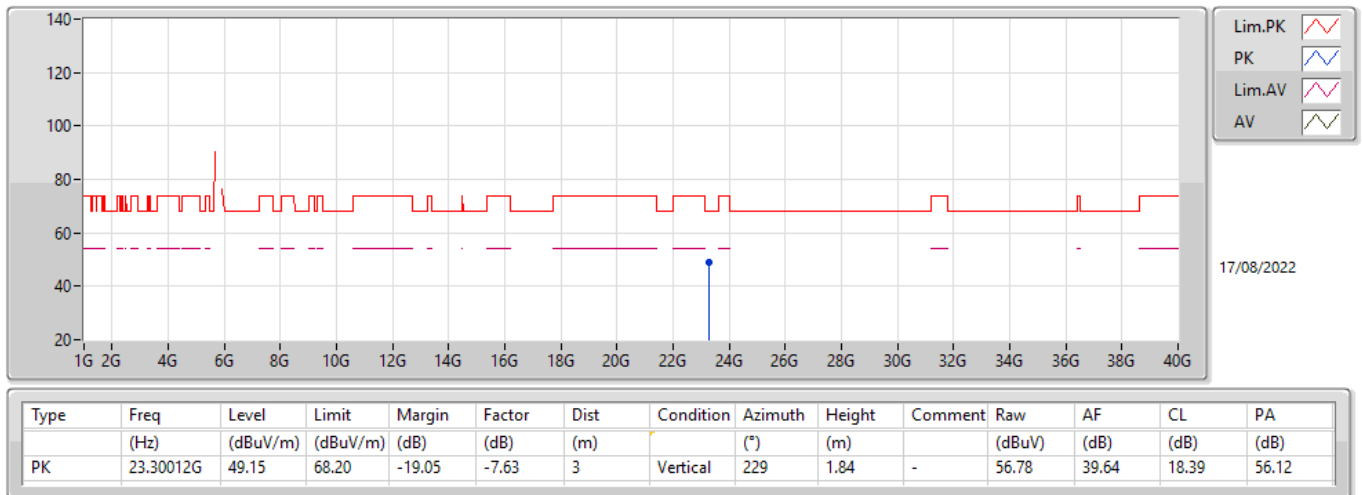
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65216G	42.92	54.00	-11.08	17.68	3	Horizontal	211	1.73	-	25.24	38.65	13.17	34.14
PK	11.6516G	55.35	74.00	-18.65	17.68	3	Horizontal	211	1.73	-	37.67	38.65	13.17	34.14
PK	17.46972G	66.98	68.20	-1.22	22.19	3	Horizontal	48	1.41	-	44.79	39.14	16.26	33.21

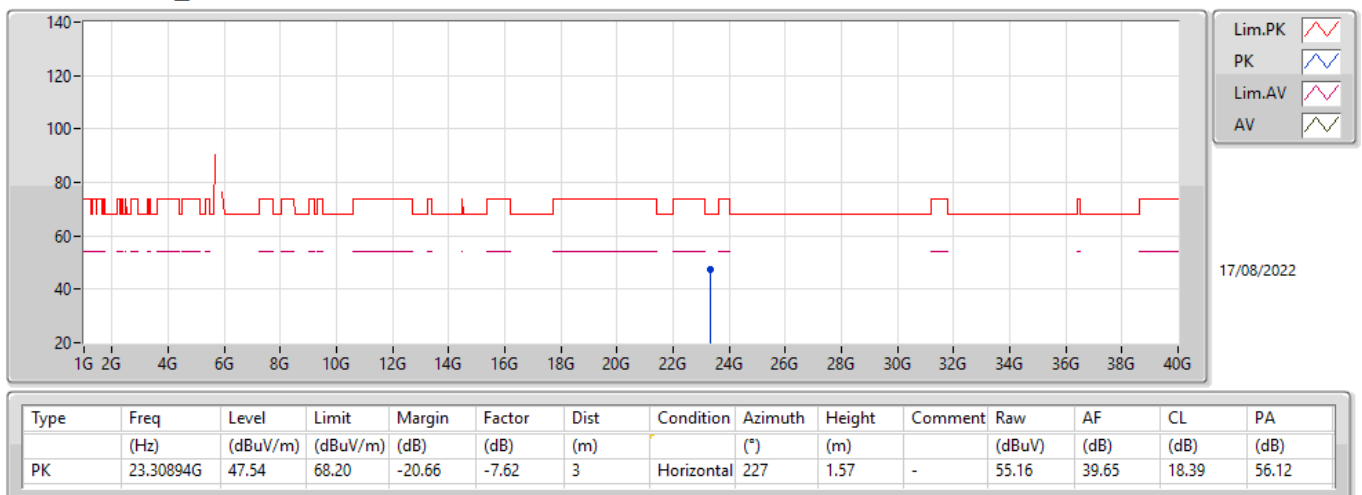
802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



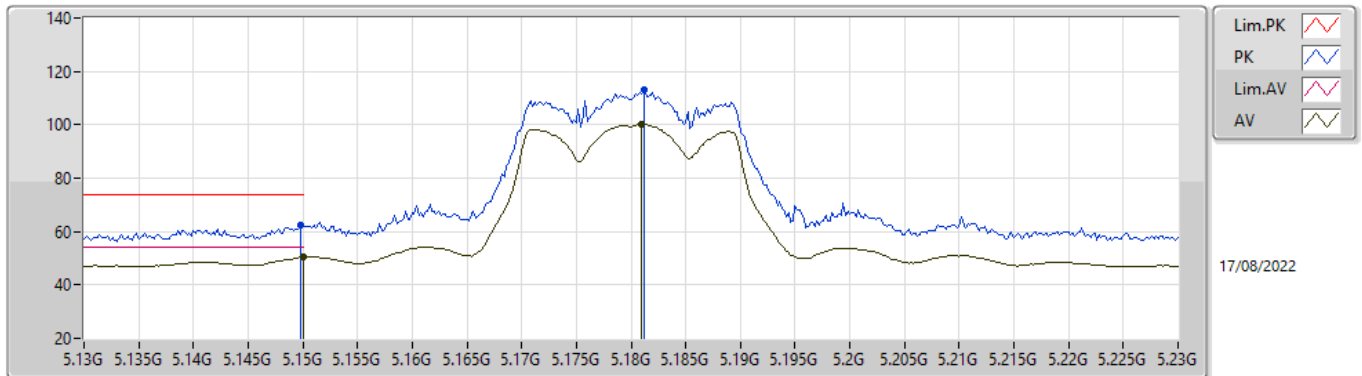
802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

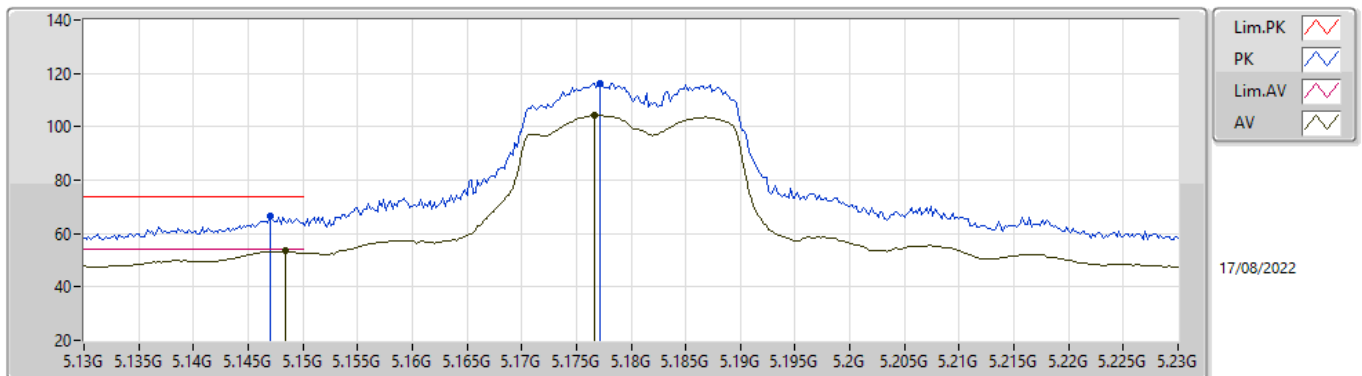
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	50.42	54.00	-3.58	8.90	3	Vertical	349	2.27	-	41.52	33.20	9.83	34.13
AV	5.181G	100.31	Inf	-Inf	8.86	3	Vertical	349	2.27	-	91.45	33.14	9.85	34.13
PK	5.1498G	62.47	74.00	-11.53	8.90	3	Vertical	349	2.27	-	53.57	33.20	9.83	34.13
PK	5.1812G	112.95	Inf	-Inf	8.86	3	Vertical	349	2.27	-	104.09	33.14	9.85	34.13

802.11ax HEW20_Nss1,(MCS0)_2TX

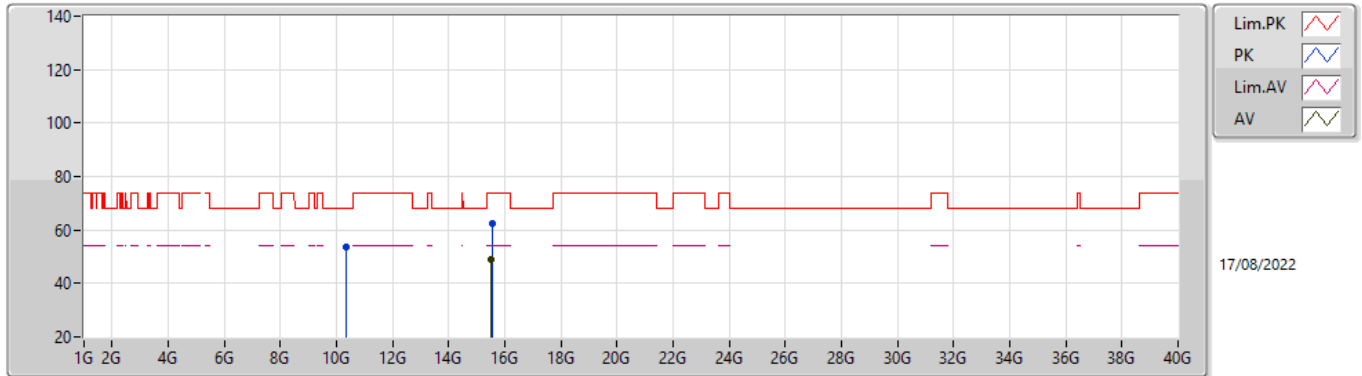
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	53.52	54.00	-0.48	8.90	3	Horizontal	24	2.42	-	44.62	33.20	9.83	34.13
AV	5.1766G	104.33	Inf	-Inf	8.87	3	Horizontal	24	2.42	-	95.46	33.15	9.85	34.13
PK	5.147G	66.46	74.00	-7.54	8.90	3	Horizontal	24	2.42	-	57.56	33.20	9.83	34.13
PK	5.1772G	116.45	Inf	-Inf	8.87	3	Horizontal	24	2.42	-	107.58	33.15	9.85	34.13

802.11ax HEW20_Nss1,(MCS0)_2TX

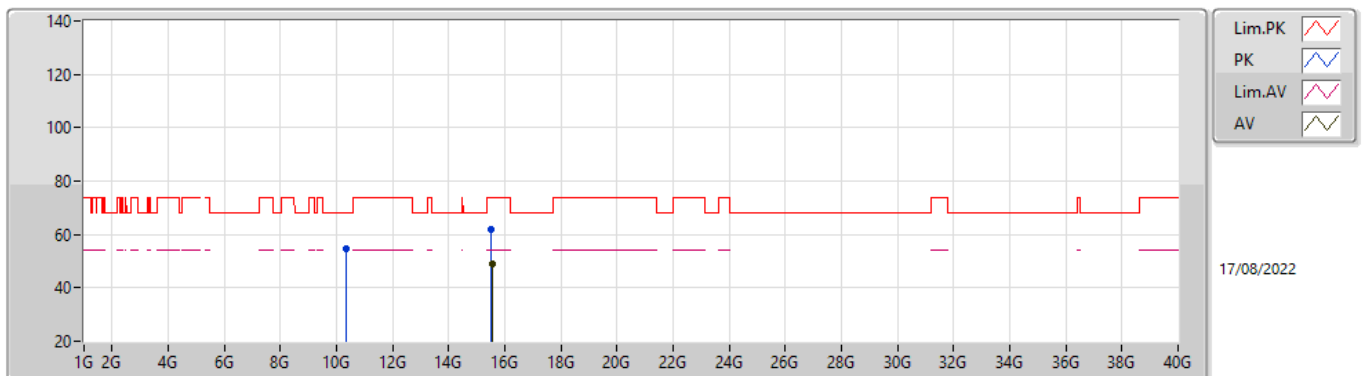
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.52912G	49.15	54.00	-4.85	19.94	3	Vertical	42	1.50	-	29.21	38.70	15.67	34.43
PK	10.36224G	53.74	68.20	-14.46	16.74	3	Vertical	36	1.50	-	37.00	38.66	12.67	34.59
PK	15.54768G	62.33	74.00	-11.67	19.95	3	Vertical	42	1.50	-	42.38	38.70	15.69	34.44

802.11ax HEW20_Nss1,(MCS0)_2TX

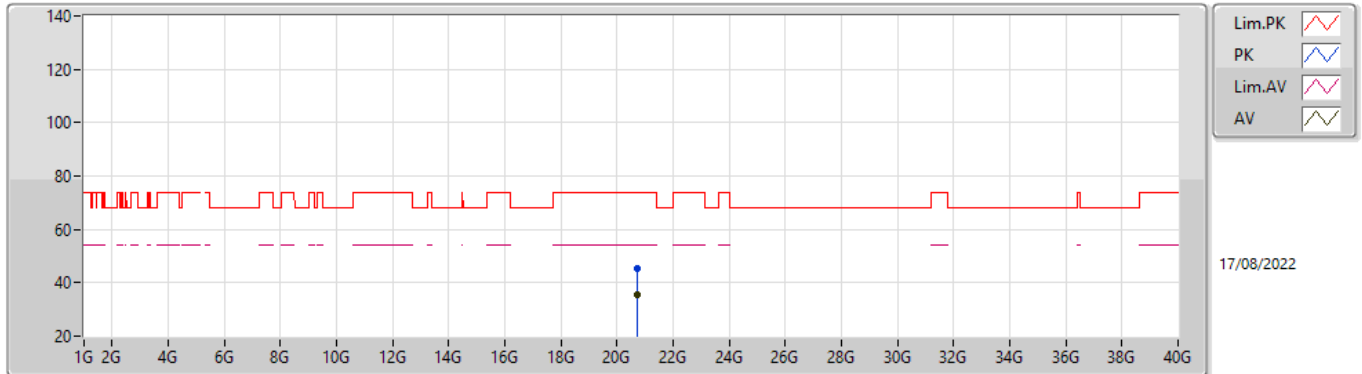
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53936G	48.90	54.00	-5.10	19.95	3	Horizontal	262	2.86	-	28.95	38.70	15.68	34.43
PK	10.36296G	54.88	68.20	-13.32	16.74	3	Horizontal	142	1.50	-	38.14	38.66	12.67	34.59
PK	15.53256G	61.90	74.00	-12.10	19.94	3	Horizontal	262	2.86	-	41.96	38.70	15.67	34.43

802.11ax HEW20_Nss1,(MCS0)_2TX

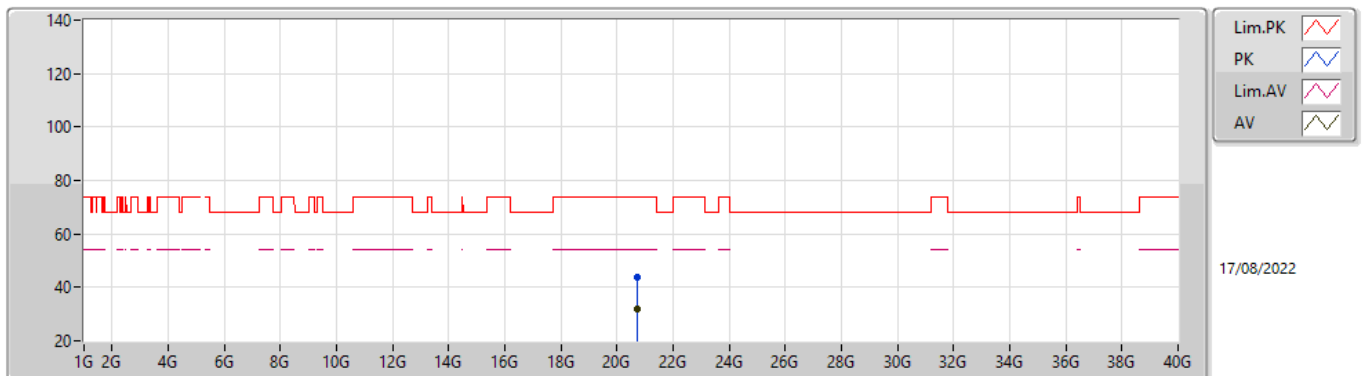
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.72006G	35.38	54.00	-18.62	-7.99	3	Vertical	165	1.62	-	43.37	37.99	17.34	53.78
PK	20.72G	45.17	74.00	-28.83	-7.99	3	Vertical	165	1.62	-	53.16	37.99	17.34	53.78

802.11ax HEW20_Nss1,(MCS0)_2TX

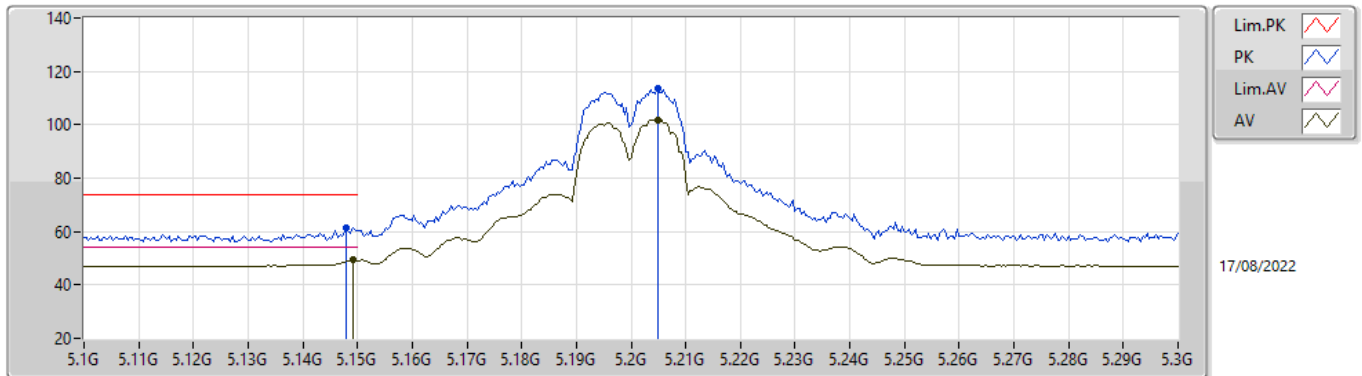
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.71994G	31.84	54.00	-22.16	-7.99	3	Horizontal	193	1.60	-	39.83	37.99	17.34	53.78
PK	20.71028G	44.01	74.00	-29.99	-8.00	3	Horizontal	193	1.60	-	52.01	37.98	17.33	53.77

802.11ax HEW20_Nss1,(MCS0)_2TX

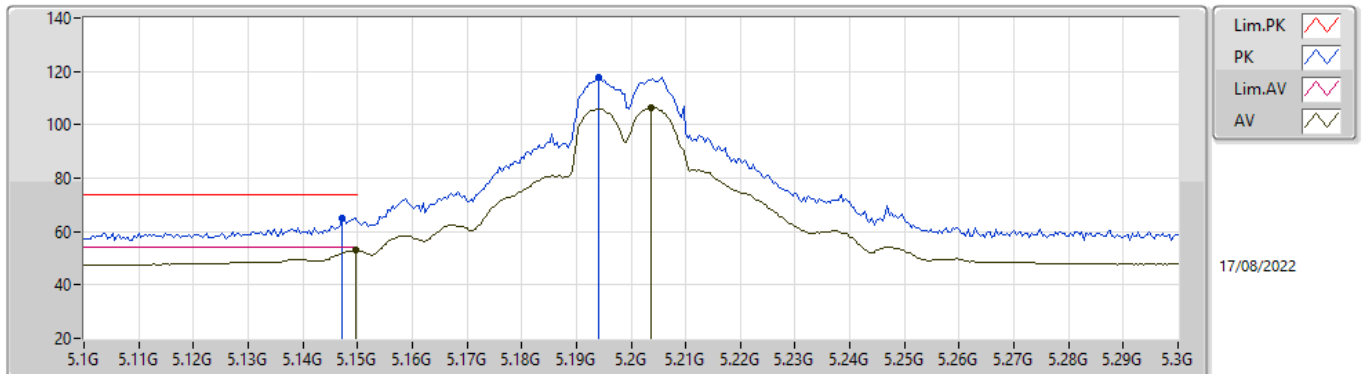
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	49.26	54.00	-4.74	8.90	3	Vertical	5	2.12	-	40.36	33.20	9.83	34.13
AV	5.2048G	101.75	Inf	-Inf	8.80	3	Vertical	5	2.12	-	92.95	33.08	9.86	34.14
PK	5.148G	61.56	74.00	-12.44	8.90	3	Vertical	5	2.12	-	52.66	33.20	9.83	34.13
PK	5.2048G	113.53	Inf	-Inf	8.80	3	Vertical	5	2.12	-	104.73	33.08	9.86	34.14

802.11ax HEW20_Nss1,(MCS0)_2TX

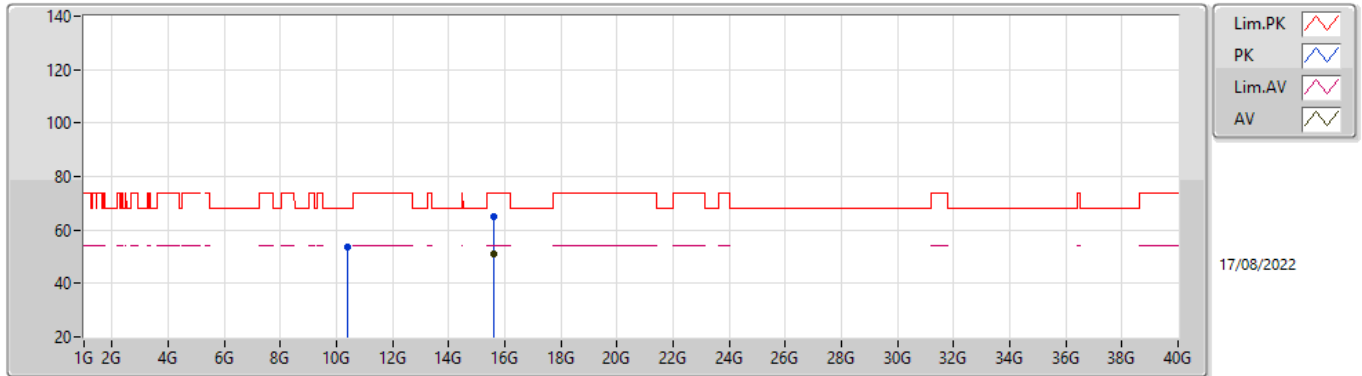
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1496G	52.90	54.00	-1.10	8.90	3	Horizontal	12	2.02	-	44.00	33.20	9.83	34.13
AV	5.2036G	106.38	Inf	-Inf	8.81	3	Horizontal	12	2.02	-	97.57	33.09	9.86	34.14
PK	5.1472G	65.25	74.00	-8.75	8.90	3	Horizontal	12	2.02	-	56.35	33.20	9.83	34.13
PK	5.194G	117.87	Inf	-Inf	8.84	3	Horizontal	12	2.02	-	109.03	33.11	9.86	34.13

802.11ax HEW20_Nss1,(MCS0)_2TX

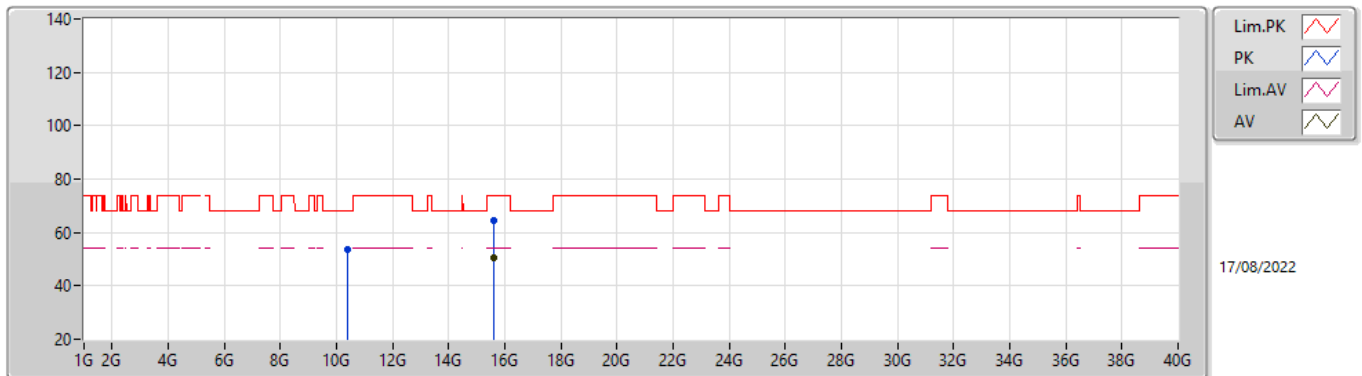
5200MHz_TX



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	15.60032G	51.24	54.00	-2.76	19.95	3	Vertical	37	1.14	-	31.29	38.70	15.72	34.47
PK	10.41648G	53.78	68.20	-14.42	16.82	3	Vertical	126	1.50	-	36.96	38.68	12.69	34.55
PK	15.6028G	64.92	74.00	-9.08	19.95	3	Vertical	37	1.14	-	44.97	38.69	15.73	34.47

802.11ax HEW20_Nss1,(MCS0)_2TX

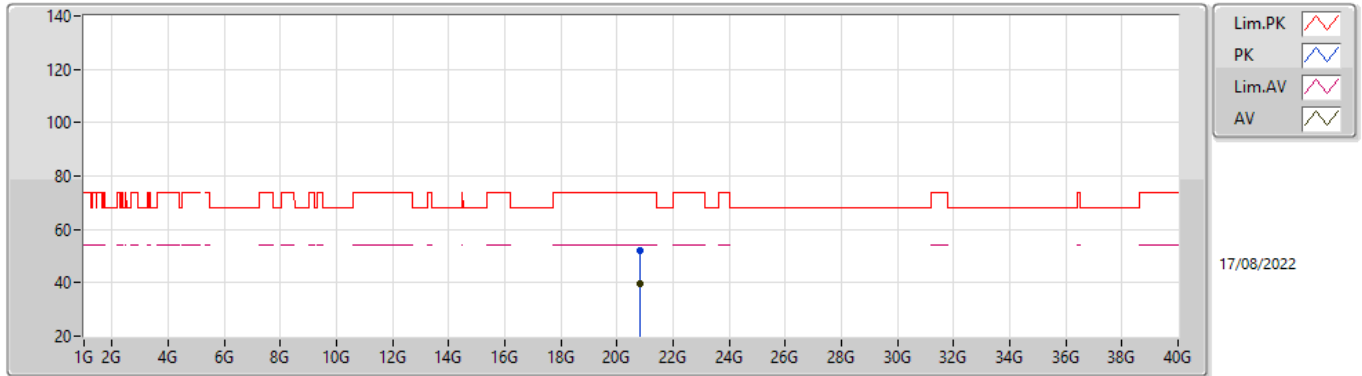
5200MHz_TX



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	15.60152G	50.63	54.00	-3.37	19.95	3	Horizontal	20	1.45	-	30.68	38.69	15.73	34.47
PK	10.40104G	53.60	68.20	-14.60	16.83	3	Horizontal	88	2.15	-	36.77	38.70	12.69	34.56
PK	15.61152G	64.38	74.00	-9.62	19.90	3	Horizontal	20	1.45	-	44.48	38.64	15.73	34.47

802.11ax HEW20_Nss1,(MCS0)_2TX

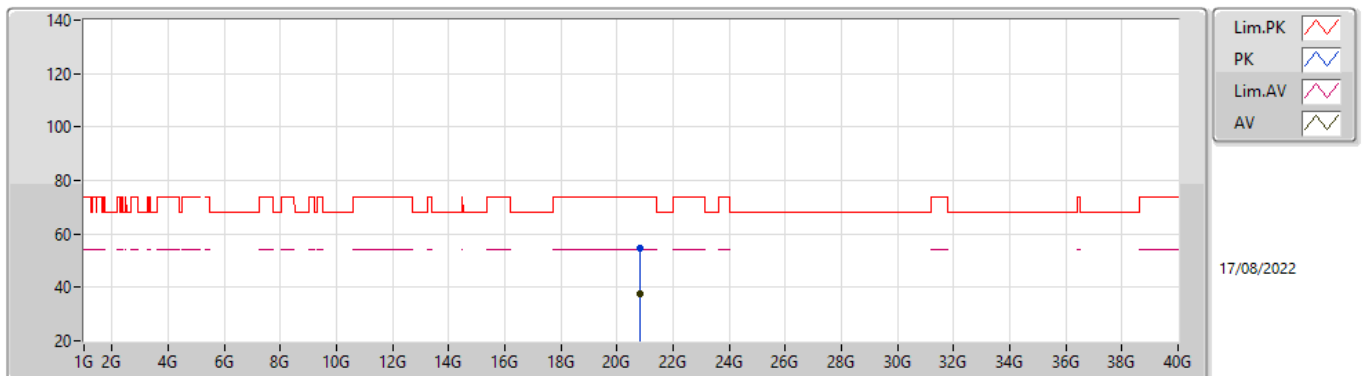
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.8G	39.67	54.00	-14.33	-7.87	3	Vertical	148	1.50	-	47.54	38.14	17.37	53.84
PK	20.80018G	52.25	74.00	-21.75	-7.87	3	Vertical	148	1.50	-	60.12	38.14	17.37	53.84

802.11ax HEW20_Nss1,(MCS0)_2TX

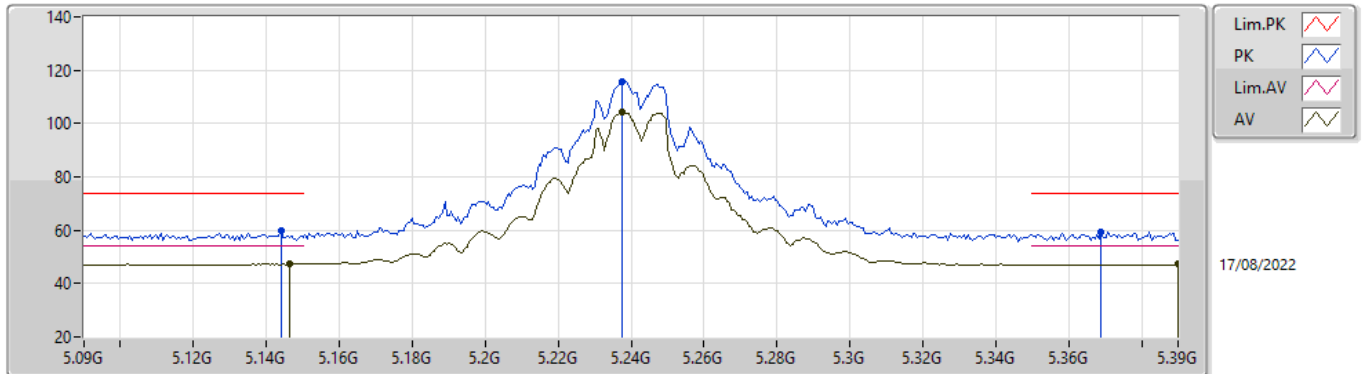
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.8G	37.46	54.00	-16.54	-7.87	3	Horizontal	63	1.56	-	45.33	38.14	17.37	53.84
PK	20.80954G	54.42	74.00	-19.58	-7.84	3	Horizontal	63	1.56	-	62.26	38.17	17.38	53.85

802.11ax HEW20_Nss1,(MCS0)_2TX

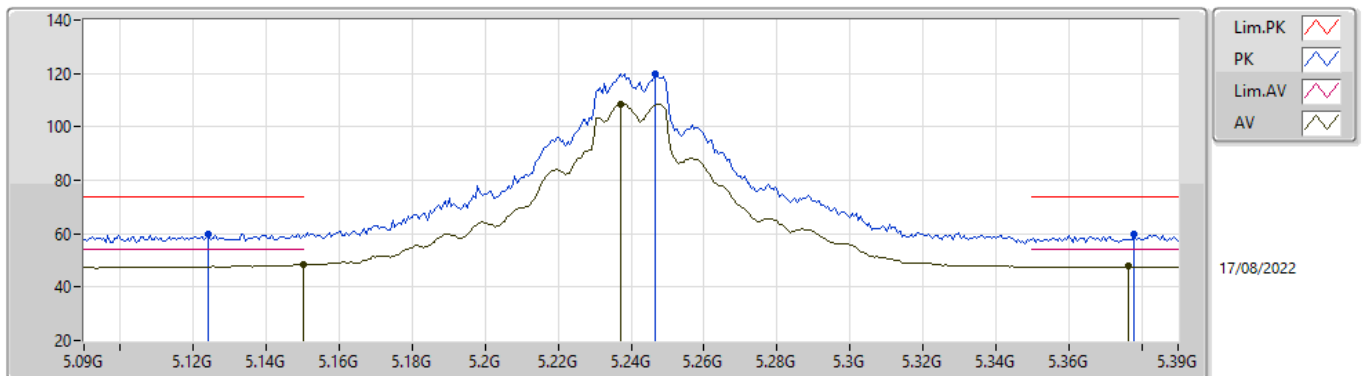
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	47.36	54.00	-6.64	8.90	3	Vertical	16	2.21	-	38.46	33.20	9.83	34.13
AV	5.2376G	104.40	Inf	-Inf	8.70	3	Vertical	16	2.21	-	95.70	32.95	9.89	34.14
AV	5.39G	47.23	54.00	-6.77	8.60	3	Vertical	16	2.21	-	38.63	32.78	9.99	34.17
PK	5.144G	59.67	74.00	-14.33	8.90	3	Vertical	16	2.21	-	50.77	33.20	9.83	34.13
PK	5.2376G	115.86	Inf	-Inf	8.70	3	Vertical	16	2.21	-	107.16	32.95	9.89	34.14
PK	5.369G	59.32	74.00	-14.68	8.55	3	Vertical	16	2.21	-	50.77	32.74	9.98	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

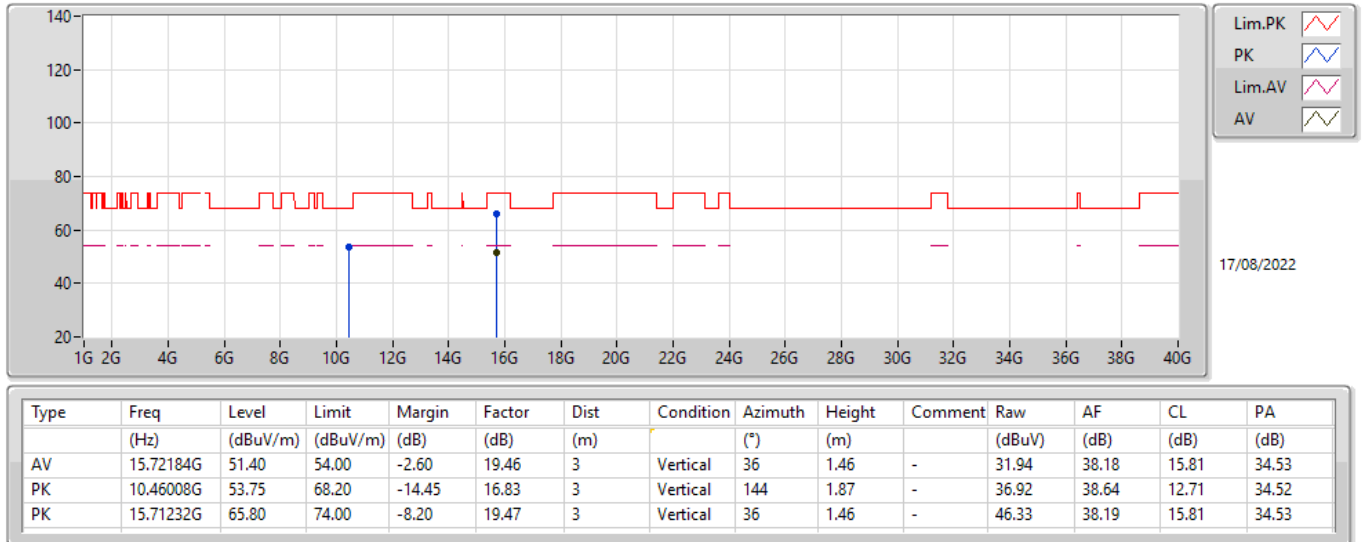
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.49	54.00	-5.51	8.90	3	Horizontal	26	2.27	-	39.59	33.20	9.83	34.13
AV	5.237G	108.54	Inf	-Inf	8.70	3	Horizontal	26	2.27	-	99.84	32.95	9.89	34.14
AV	5.3762G	47.85	54.00	-6.15	8.56	3	Horizontal	26	2.27	-	39.29	32.75	9.98	34.17
PK	5.1242G	59.66	74.00	-14.34	8.90	3	Horizontal	26	2.27	-	50.76	33.20	9.82	34.12
PK	5.2466G	120.03	Inf	-Inf	8.66	3	Horizontal	26	2.27	-	111.37	32.91	9.89	34.14
PK	5.378G	59.59	74.00	-14.41	8.57	3	Horizontal	26	2.27	-	51.02	32.76	9.98	34.17

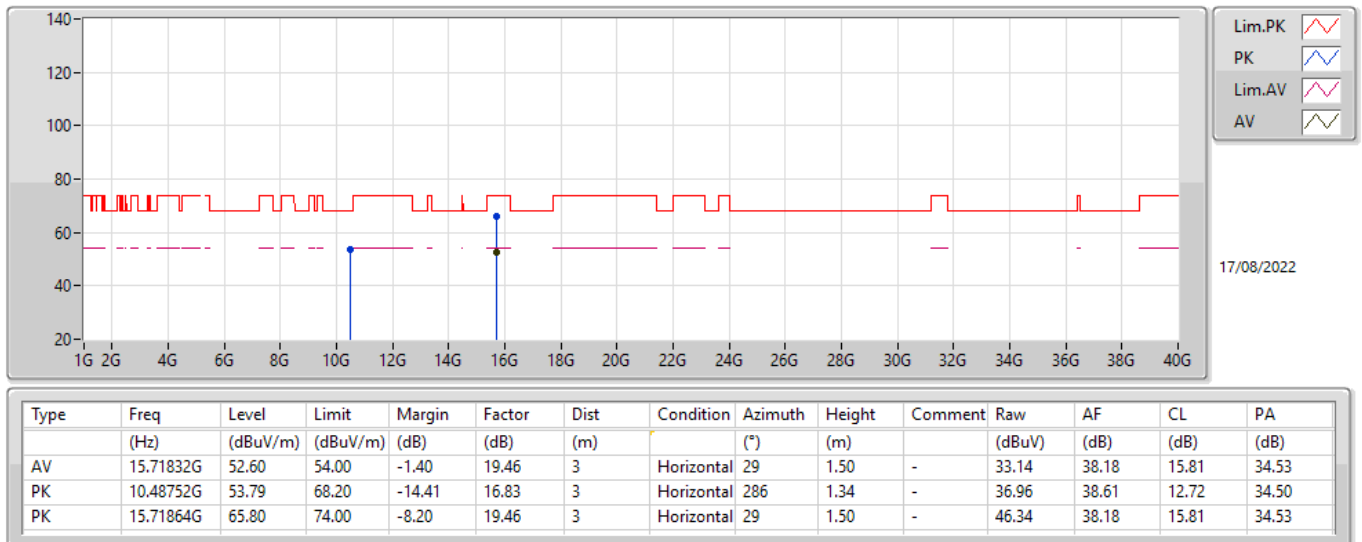
802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



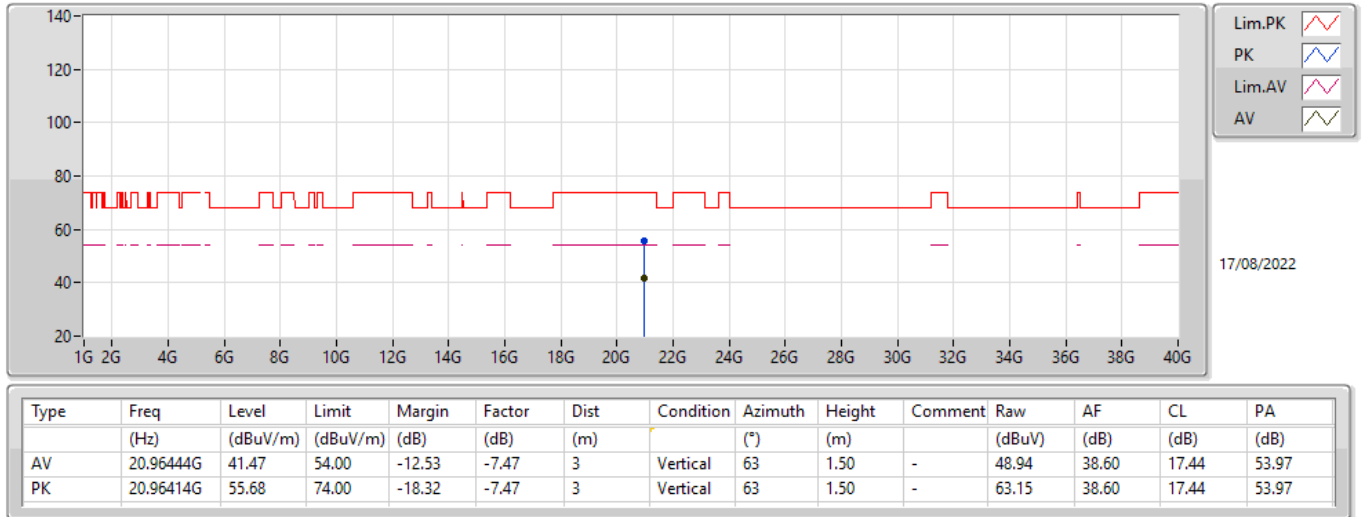
802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



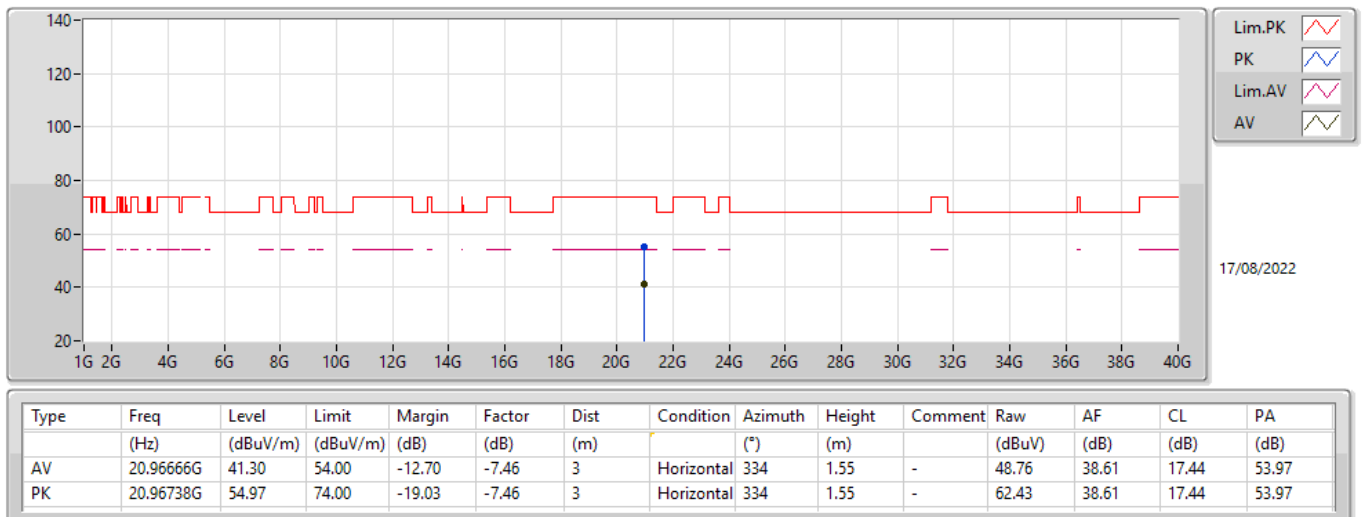
802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



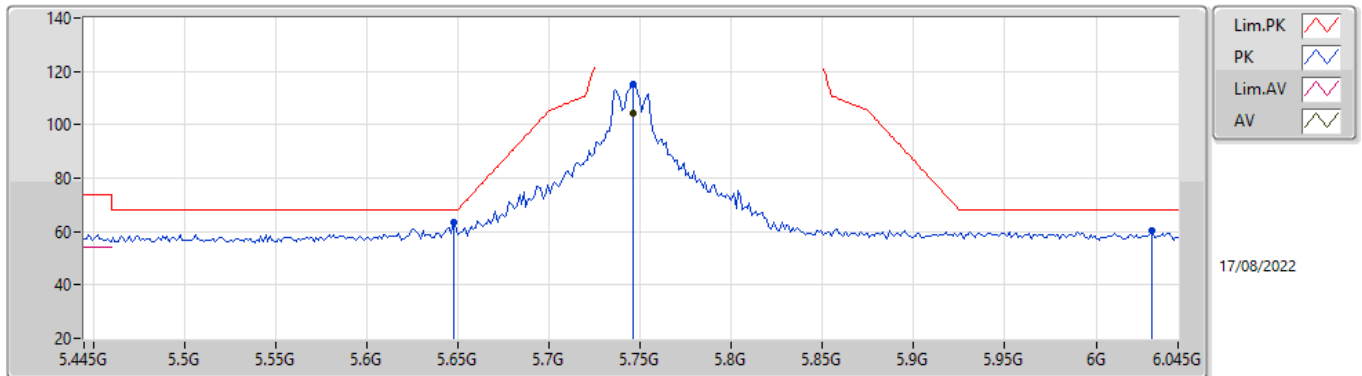
802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

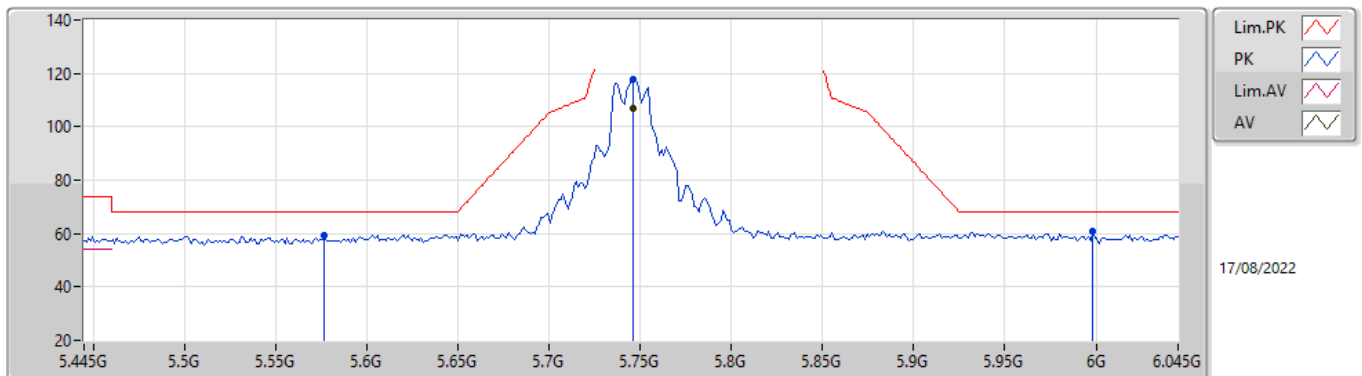
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	104.45	Inf	-Inf	9.63	3	Vertical	37	2.19	-	94.82	33.68	10.15	34.20
PK	5.6478G	63.53	68.20	-4.67	9.19	3	Vertical	37	2.19	-	54.34	33.29	10.10	34.20
PK	5.7462G	115.02	Inf	-Inf	9.63	3	Vertical	37	2.19	-	105.39	33.68	10.15	34.20
PK	6.0306G	60.16	68.20	-8.04	10.26	3	Vertical	37	2.19	-	49.90	34.12	10.36	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

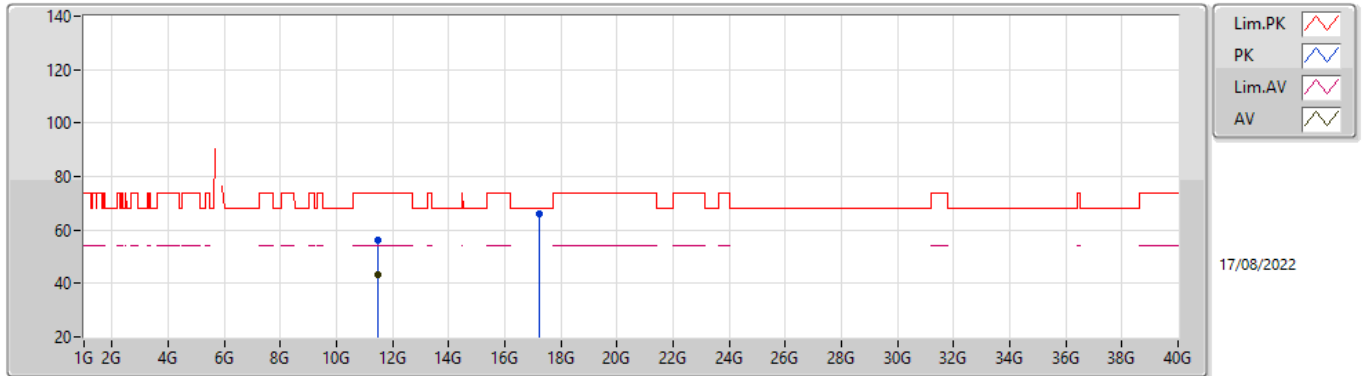
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	106.93	Inf	-Inf	9.63	3	Horizontal	344	2.11	-	97.30	33.68	10.15	34.20
PK	5.577G	59.51	68.20	-8.69	8.83	3	Horizontal	344	2.11	-	50.68	32.96	10.06	34.19
PK	5.7462G	118.00	Inf	-Inf	9.63	3	Horizontal	344	2.11	-	108.37	33.68	10.15	34.20
PK	5.9982G	60.77	68.20	-7.43	10.12	3	Horizontal	344	2.11	-	50.65	34.01	10.33	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

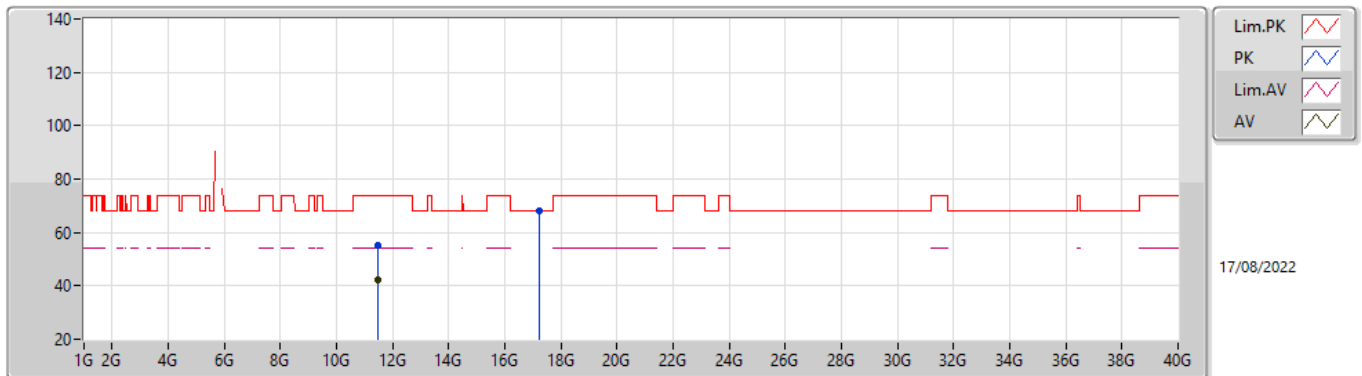
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48304G	43.46	54.00	-10.54	17.98	3	Vertical	187	1.65	-	25.48	38.93	13.11	34.06
PK	11.48424G	55.97	74.00	-18.03	17.98	3	Vertical	187	1.65	-	37.99	38.93	13.11	34.06
PK	17.23948G	65.84	68.20	-2.36	21.47	3	Vertical	350	1.40	-	44.37	38.52	16.22	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

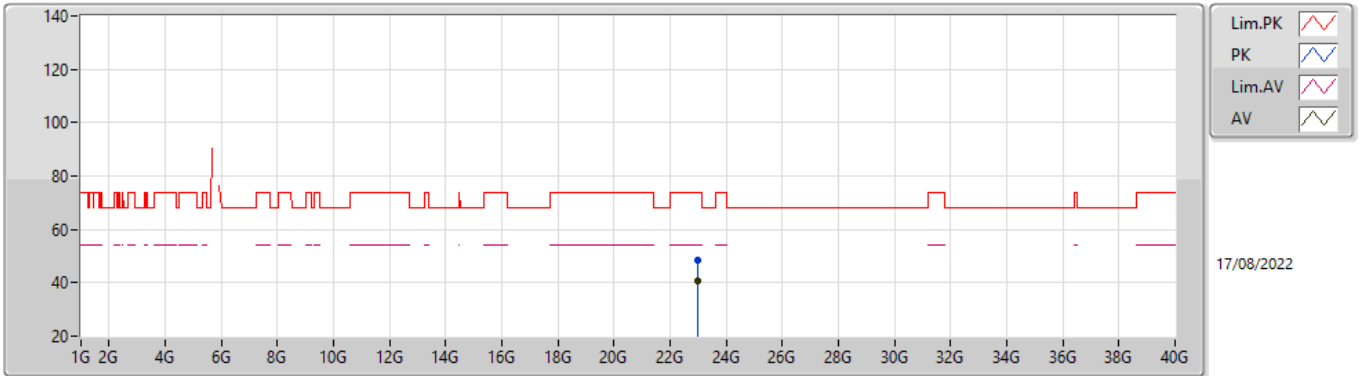
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4832G	42.43	54.00	-11.57	17.98	3	Horizontal	223	1.48	-	24.45	38.93	13.11	34.06
PK	11.48376G	55.08	74.00	-18.92	17.98	3	Horizontal	223	1.48	-	37.10	38.93	13.11	34.06
PK	17.24324G	67.89	68.20	-0.31	21.48	3	Horizontal	48	1.01	-	46.41	38.53	16.22	33.27

802.11ax HEW20_Nss1,(MCS0)_2TX

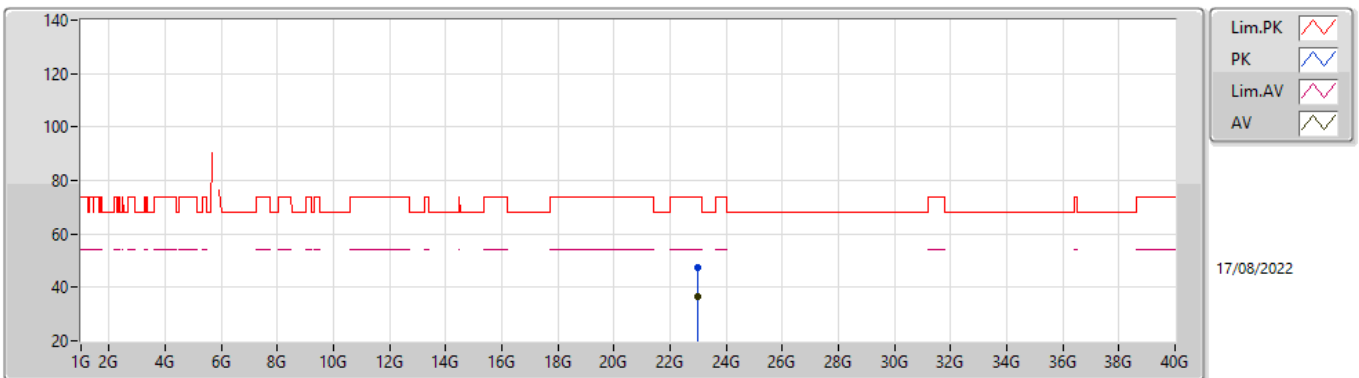
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	22.97994G	40.85	54.00	-13.15	-7.55	3	Vertical	248	1.56	-	48.40	39.71	18.26	55.98
PK	22.98G	48.65	74.00	-25.35	-7.55	3	Vertical	248	1.56	-	56.20	39.71	18.26	55.98

802.11ax HEW20_Nss1,(MCS0)_2TX

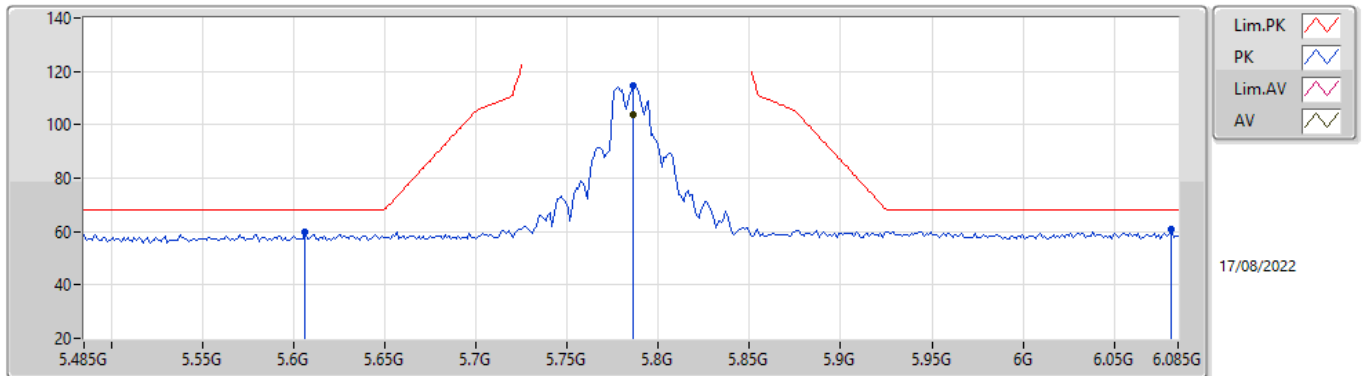
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	22.97994G	36.37	54.00	-17.63	-7.55	3	Horizontal	42	1.50	-	43.92	39.71	18.26	55.98
PK	22.98048G	47.58	74.00	-26.42	-7.55	3	Horizontal	42	1.50	-	55.13	39.71	18.26	55.98

802.11ax HEW20_Nss1,(MCS0)_2TX

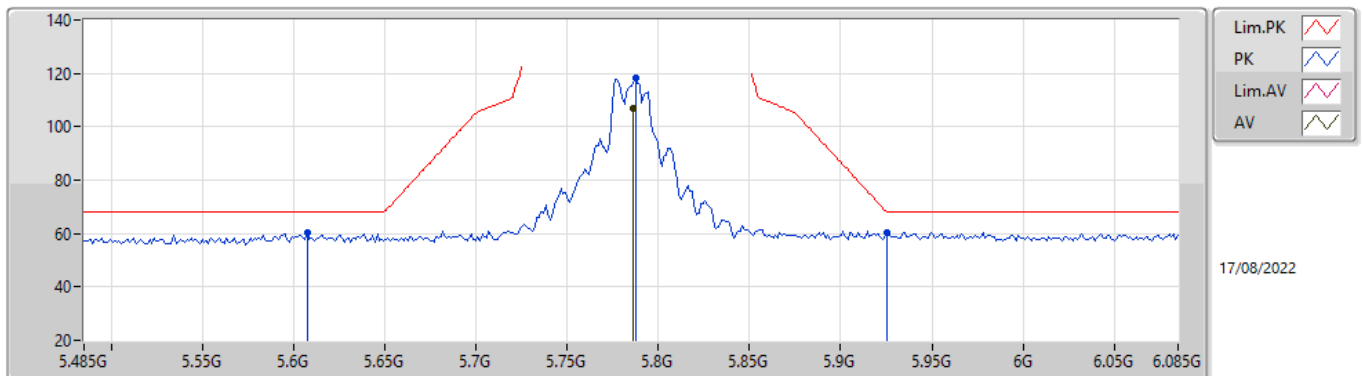
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	103.73	Inf	-Inf	9.73	3	Vertical	38	2.09	-	94.00	33.77	10.17	34.21
PK	5.6062G	59.88	68.20	-8.32	8.99	3	Vertical	38	2.09	-	50.89	33.12	10.07	34.20
PK	5.7862G	114.70	Inf	-Inf	9.73	3	Vertical	38	2.09	-	104.97	33.77	10.17	34.21
PK	6.0814G	60.75	68.20	-7.45	10.32	3	Vertical	38	2.09	-	50.43	34.14	10.41	34.23

802.11ax HEW20_Nss1,(MCS0)_2TX

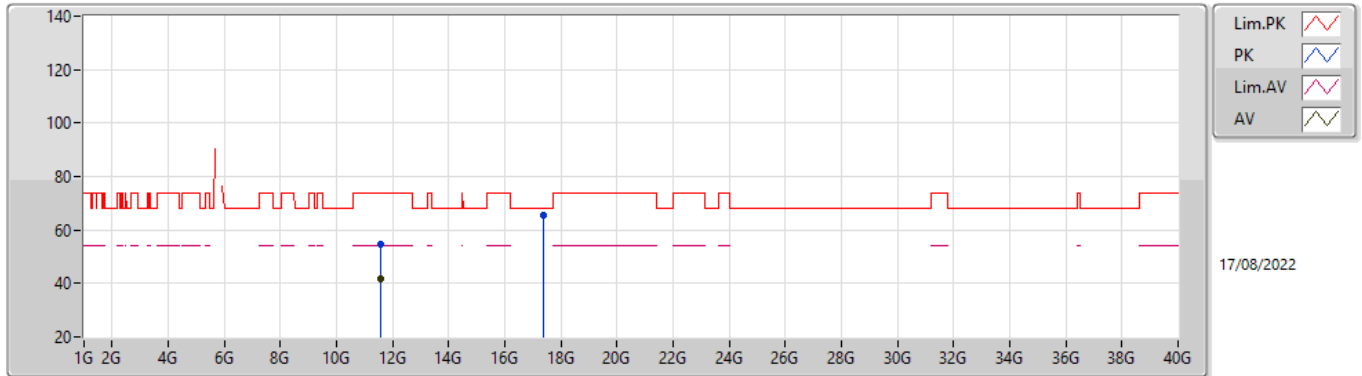
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	106.72	Inf	-Inf	9.73	3	Horizontal	347	2.34	-	96.99	33.77	10.17	34.21
PK	5.6074G	60.09	68.20	-8.11	9.00	3	Horizontal	347	2.34	-	51.09	33.13	10.07	34.20
PK	5.7874G	118.07	Inf	-Inf	9.73	3	Horizontal	347	2.34	-	108.34	33.77	10.17	34.21
PK	5.9254G	60.40	68.20	-7.80	10.25	3	Horizontal	347	2.34	-	50.15	34.20	10.27	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

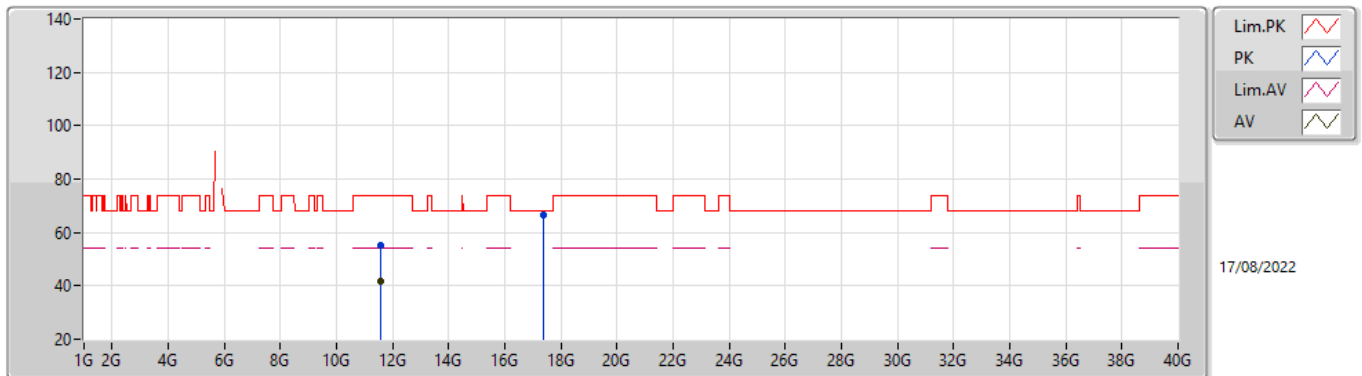
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57456G	41.94	54.00	-12.06	17.79	3	Vertical	191	1.63	-	24.15	38.75	13.14	34.10
PK	11.58968G	54.76	74.00	-19.24	17.76	3	Vertical	191	1.63	-	37.00	38.72	13.15	34.11
PK	17.35812G	65.65	68.20	-2.55	21.87	3	Vertical	347	1.80	-	43.78	38.87	16.24	33.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57152G	41.73	54.00	-12.27	17.80	3	Horizontal	226	1.54	-	23.93	38.76	13.14	34.10
PK	11.56072G	55.05	74.00	-18.95	17.83	3	Horizontal	226	1.54	-	37.22	38.78	13.14	34.09
PK	17.35444G	66.72	68.20	-1.48	21.86	3	Horizontal	49	1.01	-	44.86	38.86	16.24	33.24

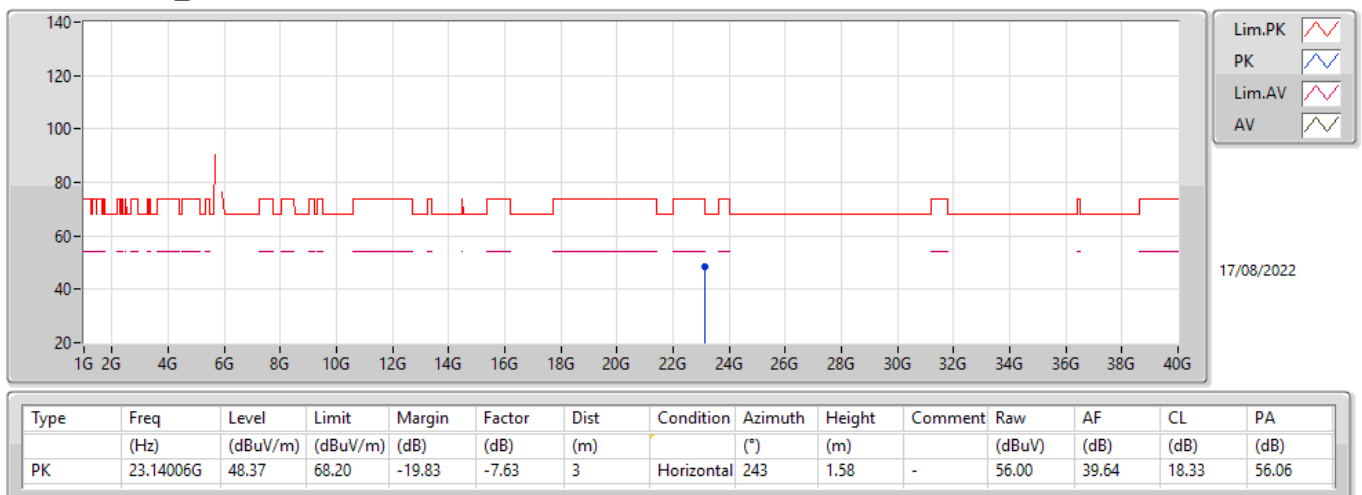
802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



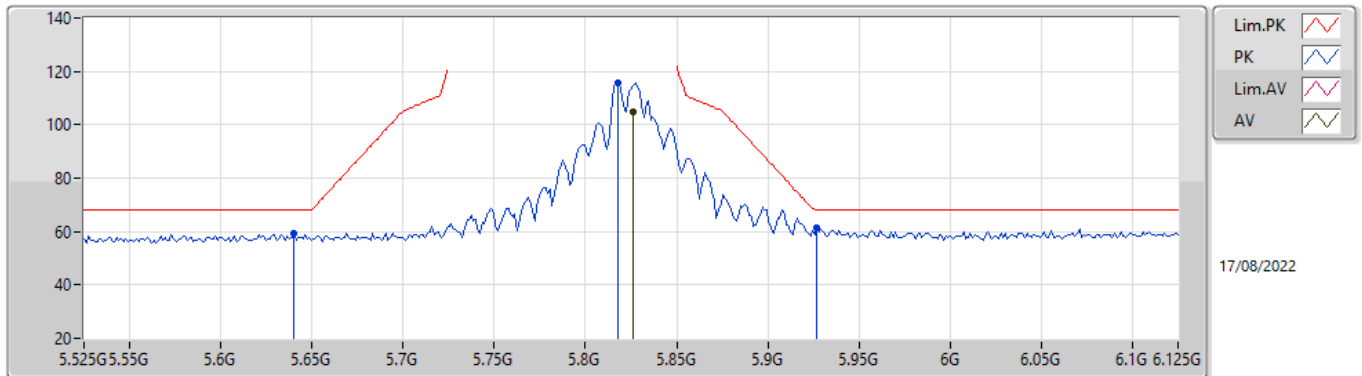
802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX



802.11ax HEW20_Nss1,(MCS0)_2TX

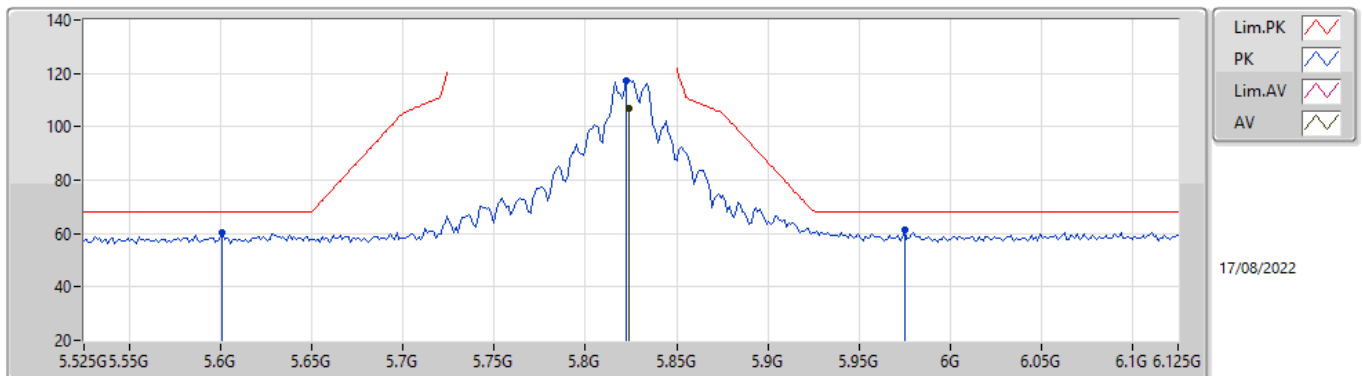
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8262G	104.98	Inf	-Inf	9.95	3	Vertical	37	1.00	-	95.03	33.96	10.20	34.21
PK	5.6402G	59.12	68.20	-9.08	9.15	3	Vertical	37	1.00	-	49.97	33.26	10.09	34.20
PK	5.8178G	115.94	Inf	-Inf	9.89	3	Vertical	37	1.00	-	106.05	33.91	10.19	34.21
PK	5.927G	61.39	68.20	-6.81	10.27	3	Vertical	37	1.00	-	51.12	34.21	10.28	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

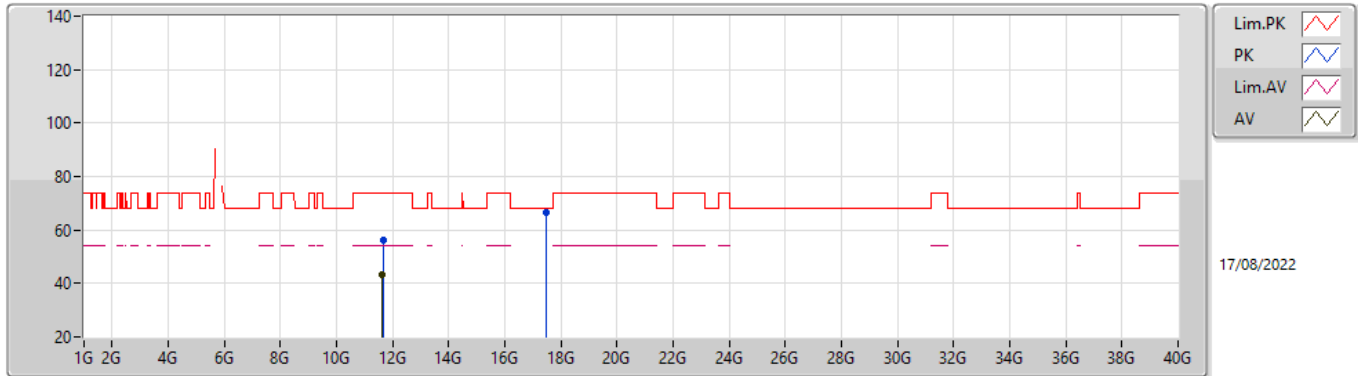
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8238G	106.76	Inf	-Inf	9.93	3	Horizontal	31	2.24	-	96.83	33.94	10.20	34.21
PK	5.6006G	60.19	68.20	-8.01	8.97	3	Horizontal	31	2.24	-	51.22	33.10	10.07	34.20
PK	5.8226G	117.17	Inf	-Inf	9.93	3	Horizontal	31	2.24	-	107.24	33.94	10.20	34.21
PK	5.975G	61.26	68.20	-6.94	10.24	3	Horizontal	31	2.24	-	51.02	34.15	10.31	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

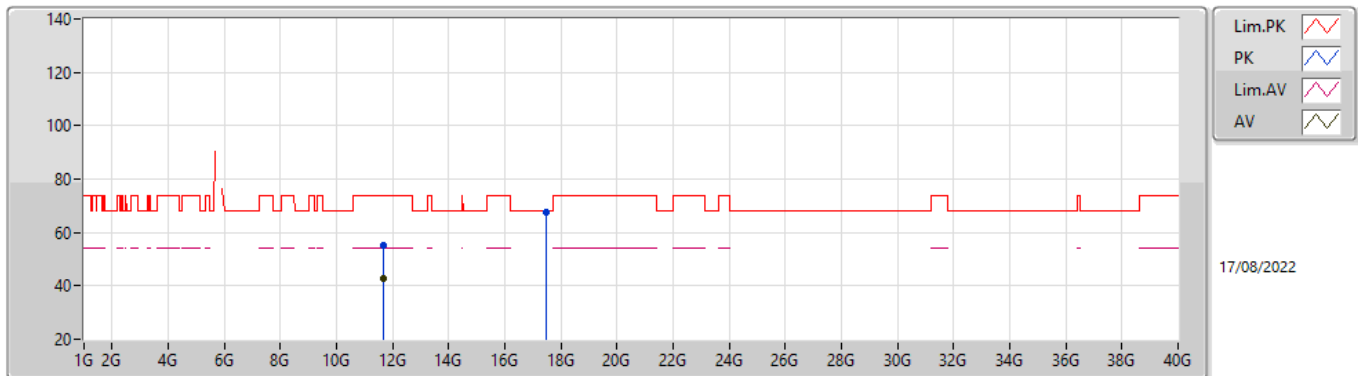
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64448G	43.11	54.00	-10.89	17.69	3	Vertical	188	1.74	-	25.42	38.66	13.17	34.14
PK	11.66376G	55.97	74.00	-18.03	17.67	3	Vertical	188	1.74	-	38.30	38.64	13.18	34.15
PK	17.46732G	66.76	68.20	-1.44	22.17	3	Vertical	342	1.50	-	44.59	39.13	16.25	33.21

802.11ax HEW20_Nss1,(MCS0)_2TX

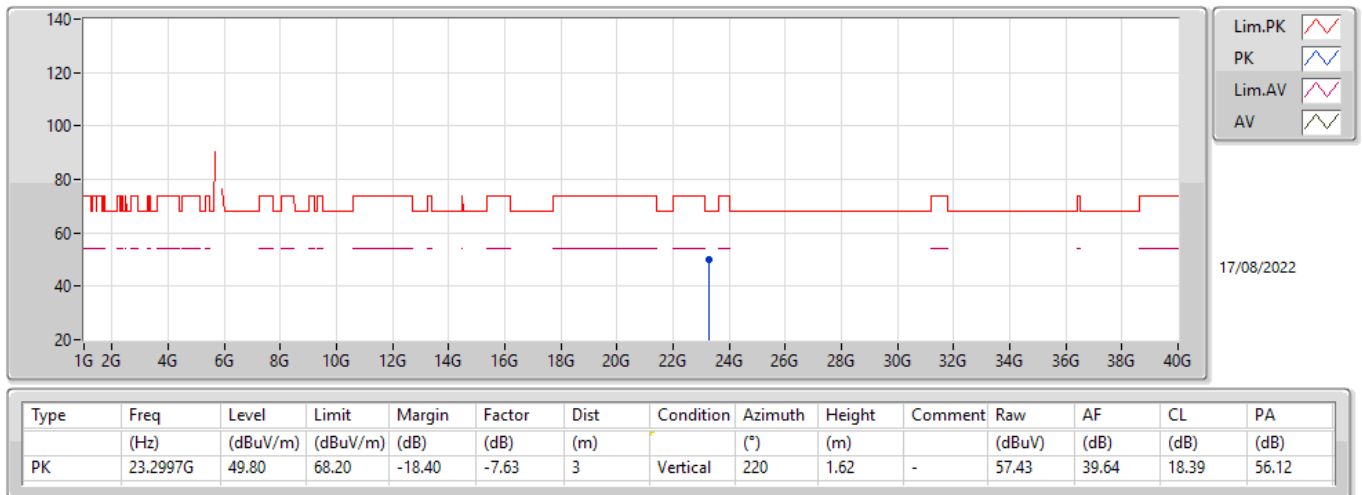
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65496G	42.53	54.00	-11.47	17.69	3	Horizontal	184	1.50	-	24.84	38.65	13.18	34.14
PK	11.66488G	55.30	74.00	-18.70	17.67	3	Horizontal	184	1.50	-	37.63	38.64	13.18	34.15
PK	17.47612G	67.68	68.20	-0.52	22.20	3	Horizontal	46	1.50	-	45.48	39.15	16.26	33.21

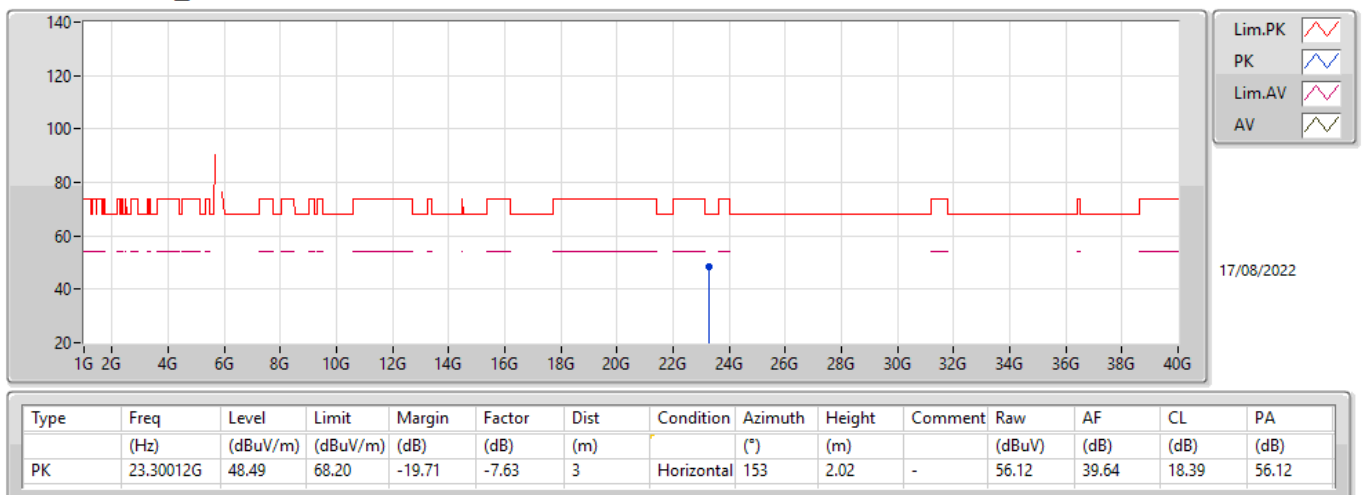
802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



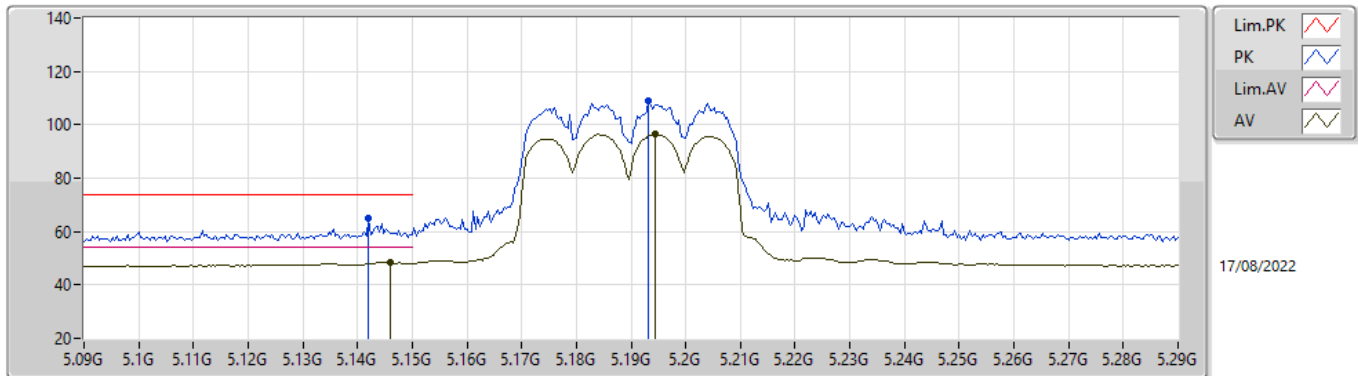
802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX



802.11ax HEW40_Nss1,(MCS0)_2TX

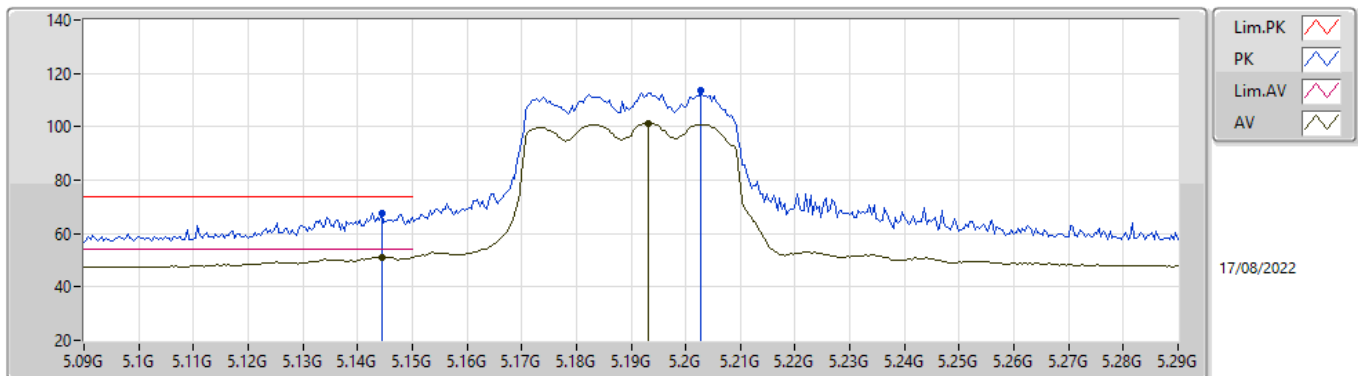
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.146G	48.55	54.00	-5.45	8.90	3	Vertical	23	2.45	-	39.65	33.20	9.83	34.13
AV	5.1944G	96.36	Inf	-Inf	8.84	3	Vertical	23	2.45	-	87.52	33.11	9.86	34.13
PK	5.142G	65.03	74.00	-8.97	8.90	3	Vertical	23	2.45	-	56.13	33.20	9.83	34.13
PK	5.1932G	108.86	Inf	-Inf	8.84	3	Vertical	23	2.45	-	100.02	33.11	9.86	34.13

802.11ax HEW40_Nss1,(MCS0)_2TX

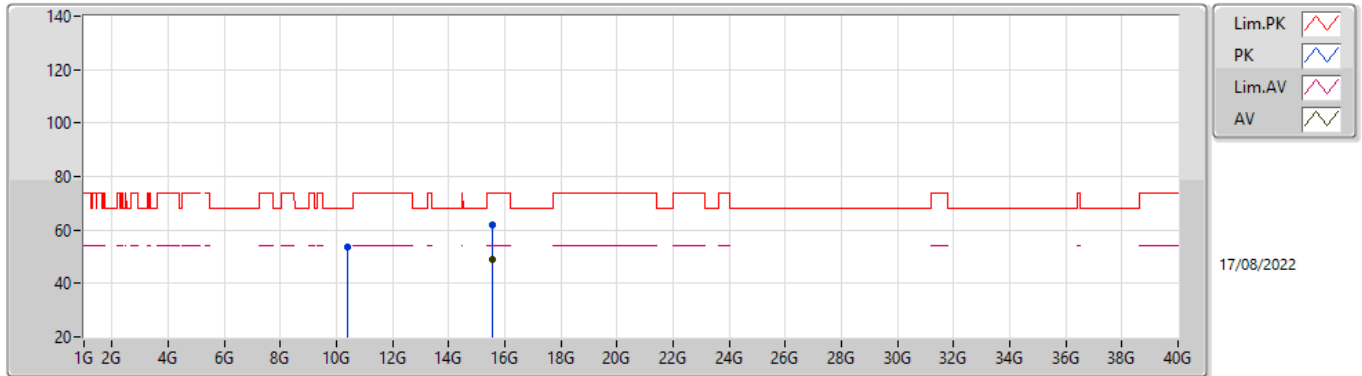
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1444G	51.16	54.00	-2.84	8.90	3	Horizontal	28	2.52	-	42.26	33.20	9.83	34.13
AV	5.1932G	101.39	Inf	-Inf	8.84	3	Horizontal	28	2.52	-	92.55	33.11	9.86	34.13
PK	5.1444G	67.60	74.00	-6.40	8.90	3	Horizontal	28	2.52	-	58.70	33.20	9.83	34.13
PK	5.2028G	113.81	Inf	-Inf	8.81	3	Horizontal	28	2.52	-	105.00	33.09	9.86	34.14

802.11ax HEW40_Nss1,(MCS0)_2TX

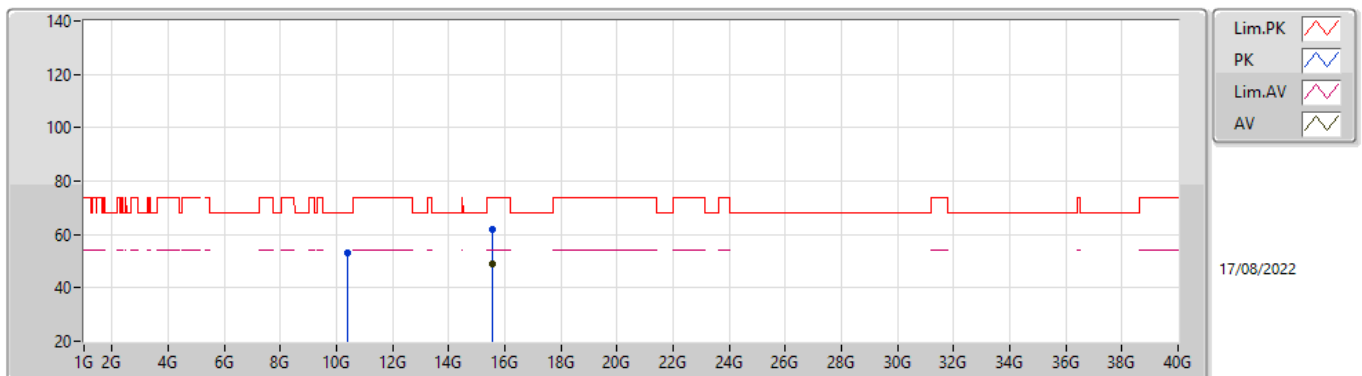
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55144G	48.76	54.00	-5.24	19.95	3	Vertical	308	1.50	-	28.81	38.70	15.69	34.44
PK	10.38008G	53.74	68.20	-14.46	16.78	3	Vertical	43	1.30	-	36.96	38.68	12.68	34.58
PK	15.58G	62.02	74.00	-11.98	19.96	3	Vertical	308	1.50	-	42.06	38.70	15.71	34.45

802.11ax HEW40_Nss1,(MCS0)_2TX

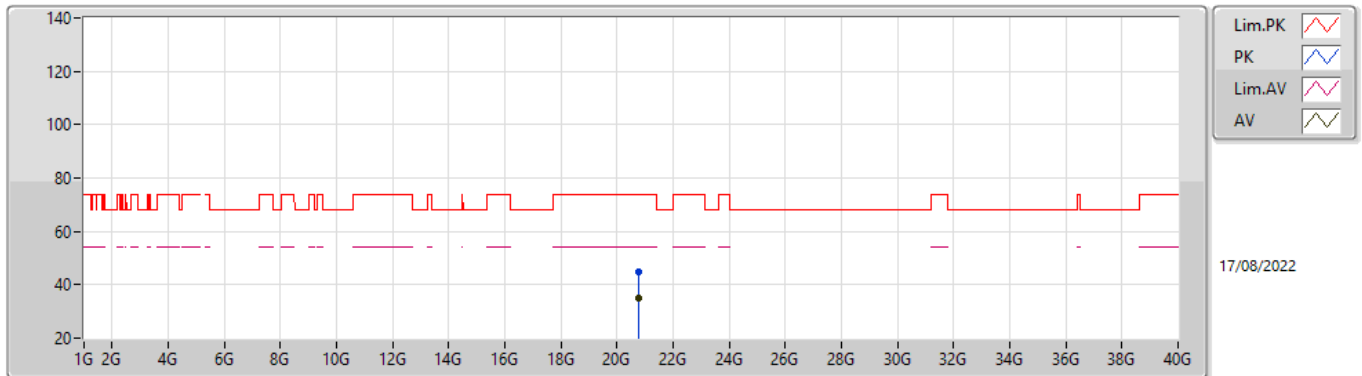
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.56328G	48.74	54.00	-5.26	19.95	3	Horizontal	14	1.50	-	28.79	38.70	15.70	34.45
PK	10.38512G	53.23	68.20	-14.97	16.80	3	Horizontal	199	2.83	-	36.43	38.69	12.68	34.57
PK	15.57912G	62.04	74.00	-11.96	19.96	3	Horizontal	14	1.50	-	42.08	38.70	15.71	34.45

802.11ax HEW40_Nss1,(MCS0)_2TX

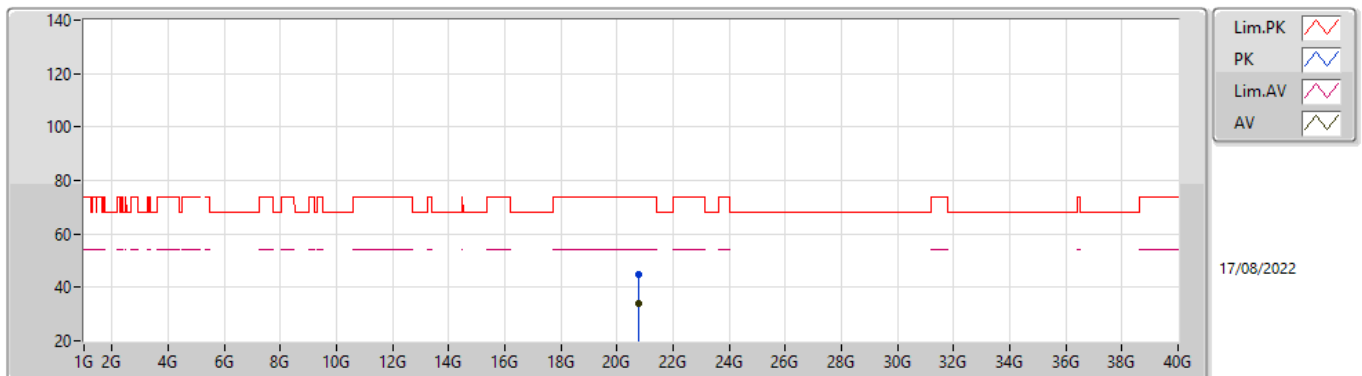
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.76G	35.16	54.00	-18.84	-7.96	3	Vertical	166	1.49	-	43.12	38.03	17.36	53.81
PK	20.76032G	45.07	74.00	-28.93	-7.96	3	Vertical	166	1.49	-	53.03	38.03	17.36	53.81

802.11ax HEW40_Nss1,(MCS0)_2TX

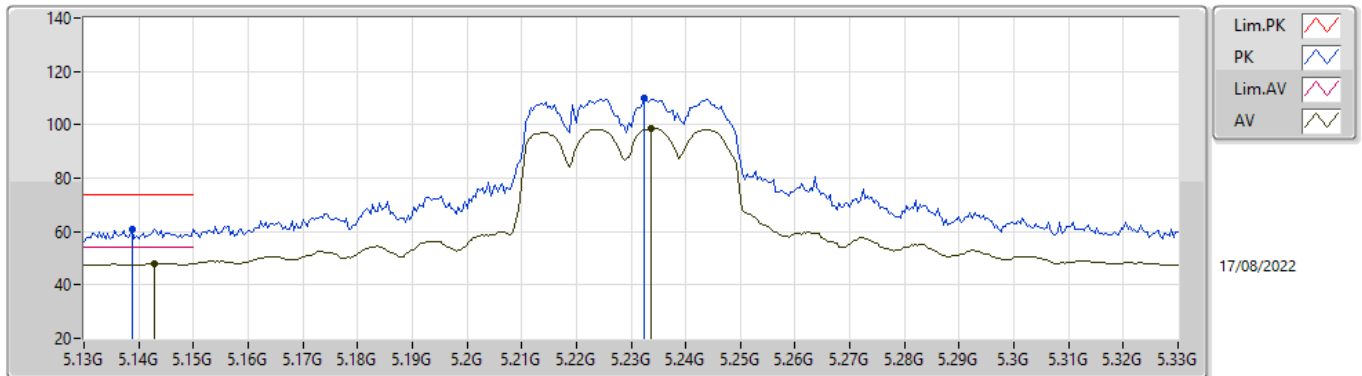
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.76G	34.10	54.00	-19.90	-7.96	3	Horizontal	235	1.57	-	42.06	38.03	17.36	53.81
PK	20.77144G	44.59	74.00	-29.41	-7.94	3	Horizontal	235	1.57	-	52.53	38.06	17.36	53.82

802.11ax HEW40_Nss1,(MCS0)_2TX

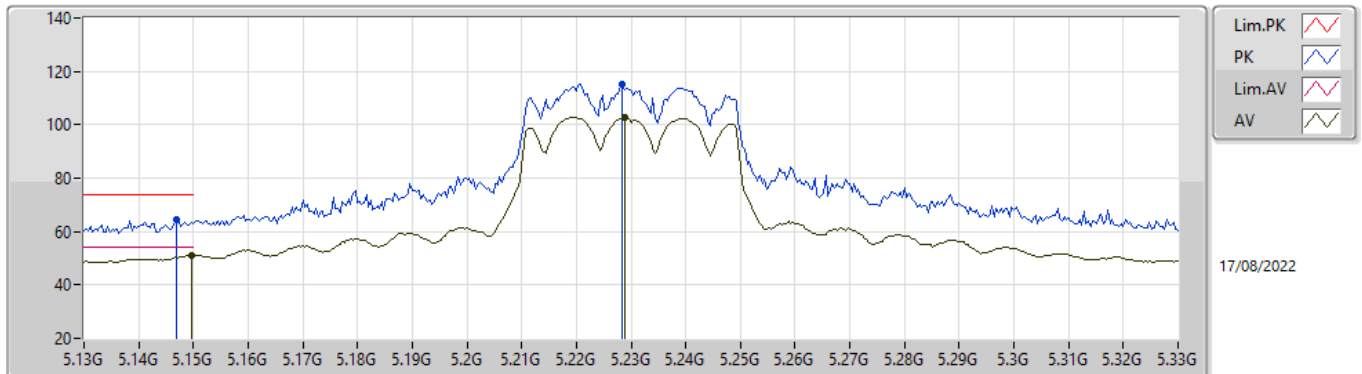
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1428G	48.05	54.00	-5.95	8.90	3	Vertical	19	2.21	-	39.15	33.20	9.83	34.13
AV	5.2336G	98.74	Inf	-Inf	8.71	3	Vertical	19	2.21	-	90.03	32.97	9.88	34.14
PK	5.1388G	61.11	74.00	-12.89	8.91	3	Vertical	19	2.21	-	52.20	33.20	9.83	34.12
PK	5.2324G	109.79	Inf	-Inf	8.71	3	Vertical	19	2.21	-	101.08	32.97	9.88	34.14

802.11ax HEW40_Nss1,(MCS0)_2TX

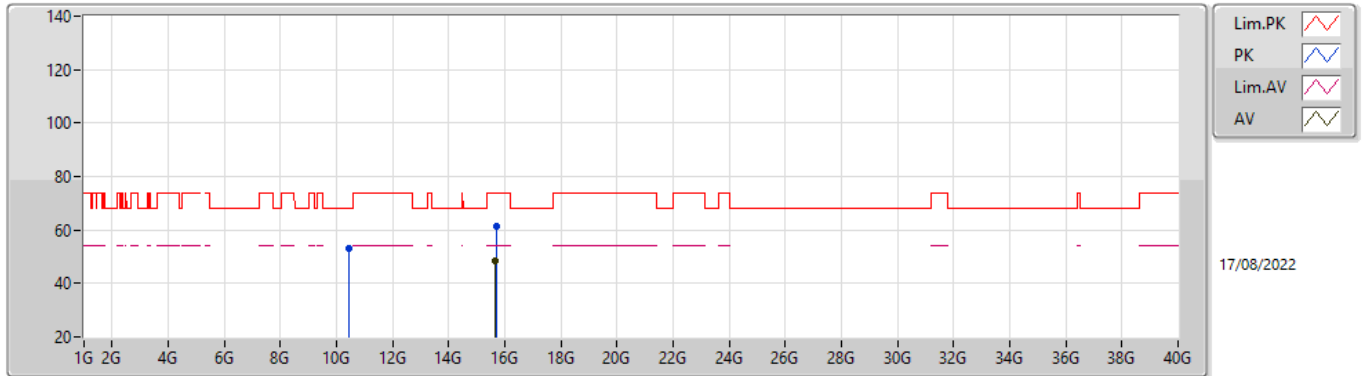
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	50.98	54.00	-3.02	8.90	3	Horizontal	13	2.17	-	42.08	33.20	9.83	34.13
AV	5.2288G	102.86	Inf	-Inf	8.72	3	Horizontal	13	2.17	-	94.14	32.98	9.88	34.14
PK	5.1468G	64.42	74.00	-9.58	8.90	3	Horizontal	13	2.17	-	55.52	33.20	9.83	34.13
PK	5.2284G	115.38	Inf	-Inf	8.73	3	Horizontal	13	2.17	-	106.65	32.99	9.88	34.14

802.11ax HEW40_Nss1,(MCS0)_2TX

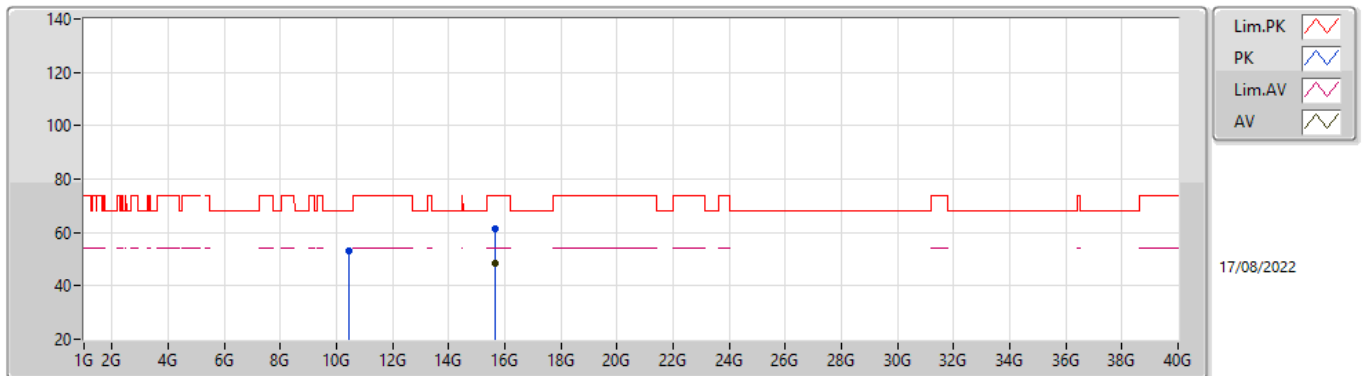
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.67504G	48.31	54.00	-5.69	19.59	3	Vertical	33	1.41	-	28.72	38.32	15.78	34.51
PK	10.44688G	53.23	68.20	-14.97	16.82	3	Vertical	340	2.68	-	36.41	38.65	12.70	34.53
PK	15.68376G	61.19	74.00	-12.81	19.56	3	Vertical	33	1.41	-	41.63	38.28	15.79	34.51

802.11ax HEW40_Nss1,(MCS0)_2TX

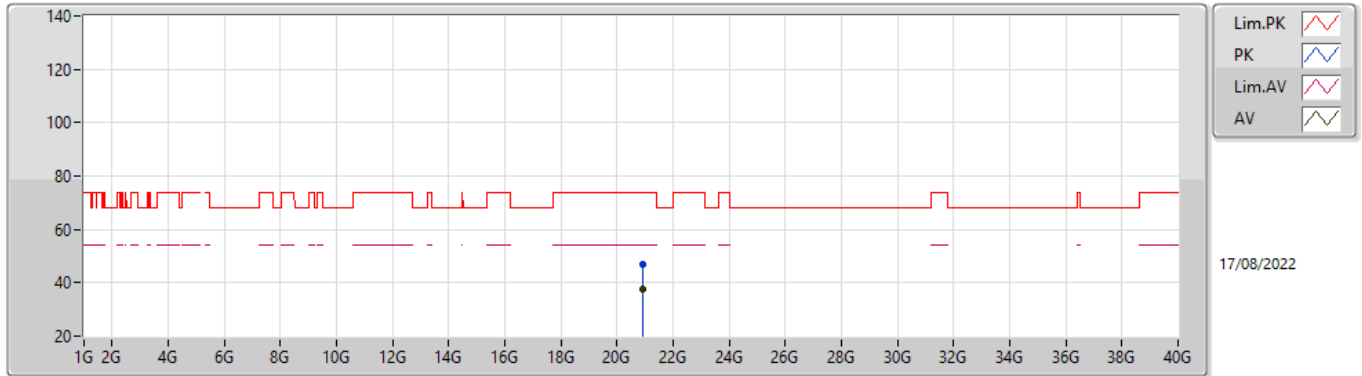
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.67864G	48.26	54.00	-5.74	19.58	3	Horizontal	22	1.50	-	28.68	38.31	15.78	34.51
PK	10.45784G	53.29	68.20	-14.91	16.83	3	Horizontal	226	1.34	-	36.46	38.64	12.71	34.52
PK	15.67152G	61.53	74.00	-12.47	19.61	3	Horizontal	22	1.50	-	41.92	38.34	15.78	34.51

802.11ax HEW40_Nss1,(MCS0)_2TX

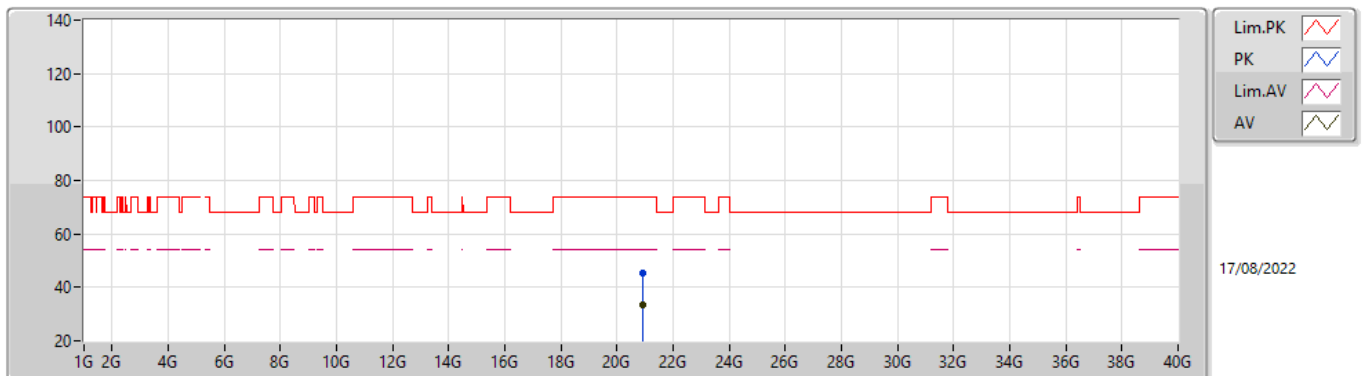
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.92008G	37.73	54.00	-16.27	-7.58	3	Vertical	141	1.57	-	45.31	38.48	17.42	53.94
PK	20.92G	47.05	74.00	-26.95	-7.58	3	Vertical	141	1.57	-	54.63	38.48	17.42	53.94

802.11ax HEW40_Nss1,(MCS0)_2TX

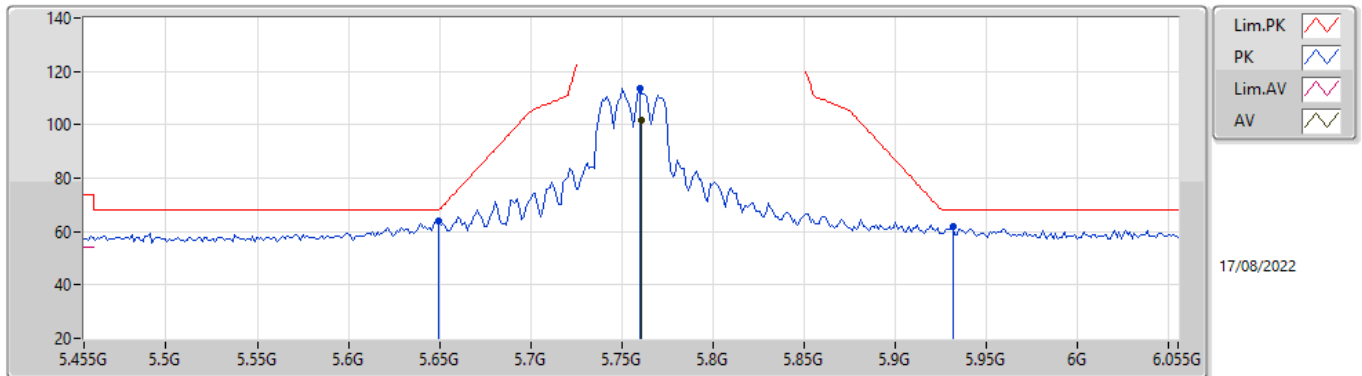
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.91992G	33.60	54.00	-20.40	-7.58	3	Horizontal	191	1.50	-	41.18	38.48	17.42	53.94
PK	20.9108G	45.58	74.00	-28.42	-7.60	3	Horizontal	191	1.50	-	53.18	38.45	17.42	53.93

802.11ax HEW40_Nss1,(MCS0)_2TX

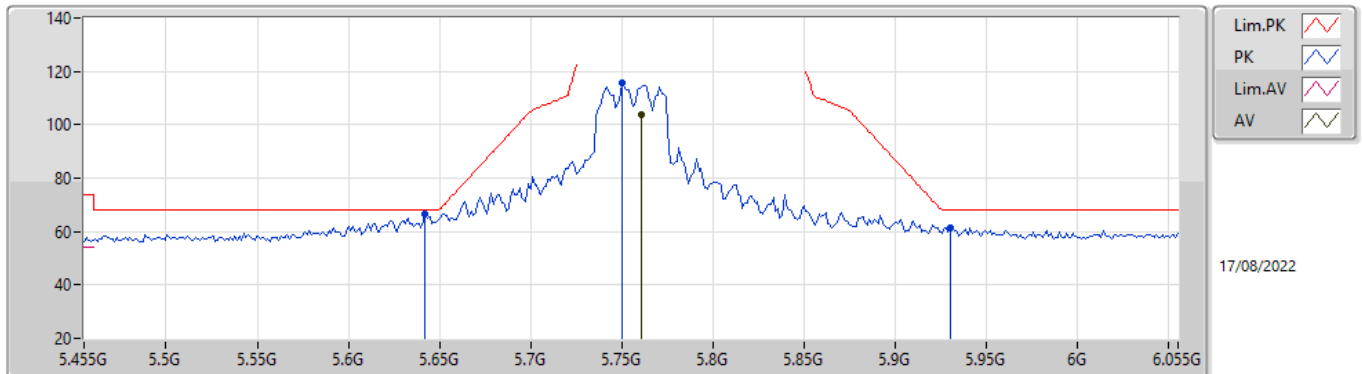
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.761G	101.66	Inf	-Inf	9.67	3	Vertical	36	2.28	-	91.99	33.72	10.16	34.21
PK	5.6494G	63.89	68.20	-4.31	9.20	3	Vertical	36	2.28	-	54.69	33.30	10.10	34.20
PK	5.7598G	113.59	Inf	-Inf	9.67	3	Vertical	36	2.28	-	103.92	33.72	10.16	34.21
PK	5.9314G	61.73	68.20	-6.47	10.29	3	Vertical	36	2.28	-	51.44	34.23	10.28	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

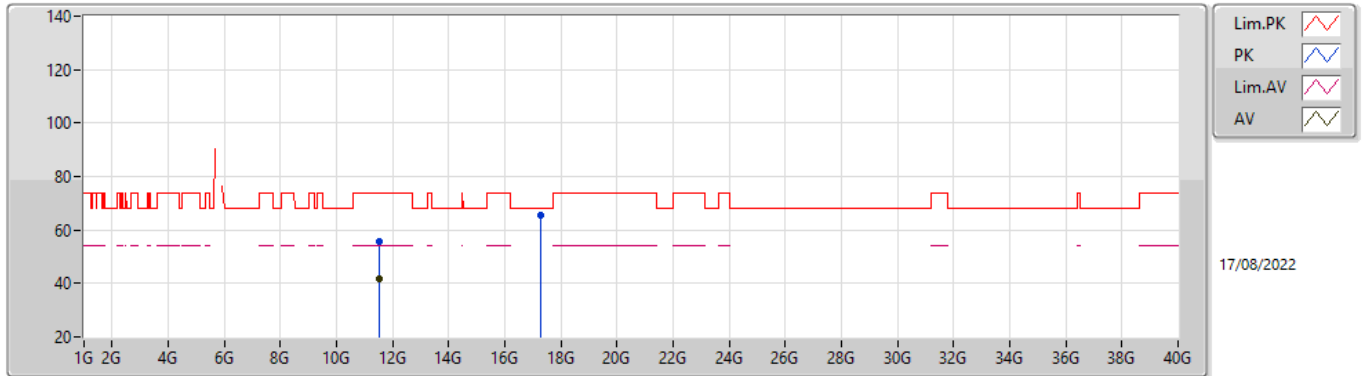
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.761G	103.62	Inf	-Inf	9.67	3	Horizontal	346	2.16	-	93.95	33.72	10.16	34.21
PK	5.6422G	66.38	68.20	-1.82	9.16	3	Horizontal	346	2.16	-	57.22	33.27	10.09	34.20
PK	5.7502G	115.46	Inf	-Inf	9.64	3	Horizontal	346	2.16	-	105.82	33.70	10.15	34.21
PK	5.9302G	61.52	68.20	-6.68	10.28	3	Horizontal	346	2.16	-	51.24	34.22	10.28	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

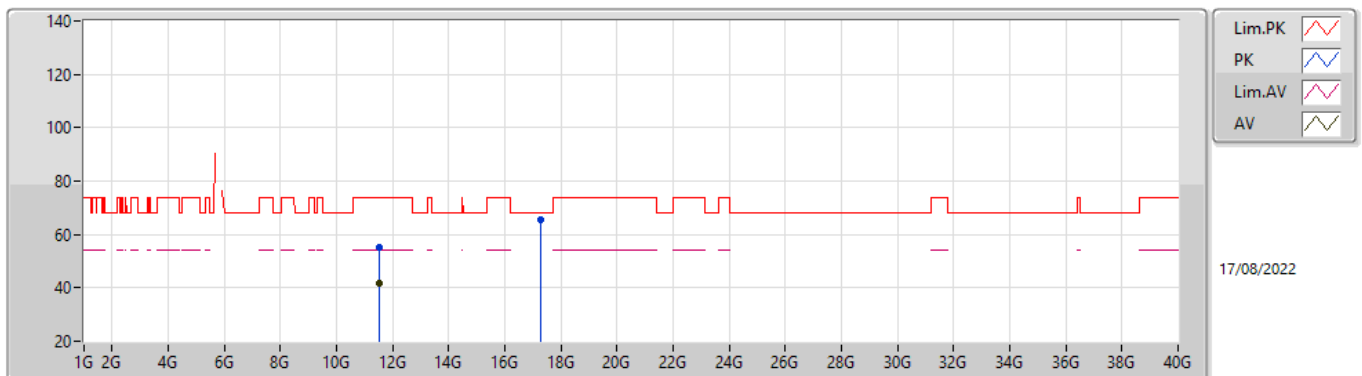
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.50392G	41.83	54.00	-12.17	17.95	3	Vertical	186	2.11	-	23.88	38.89	13.12	34.06
PK	11.50336G	55.49	74.00	-18.51	17.95	3	Vertical	186	2.11	-	37.54	38.89	13.12	34.06
PK	17.27236G	65.51	68.20	-2.69	21.58	3	Vertical	352	1.39	-	43.93	38.62	16.22	33.26

802.11ax HEW40_Nss1,(MCS0)_2TX

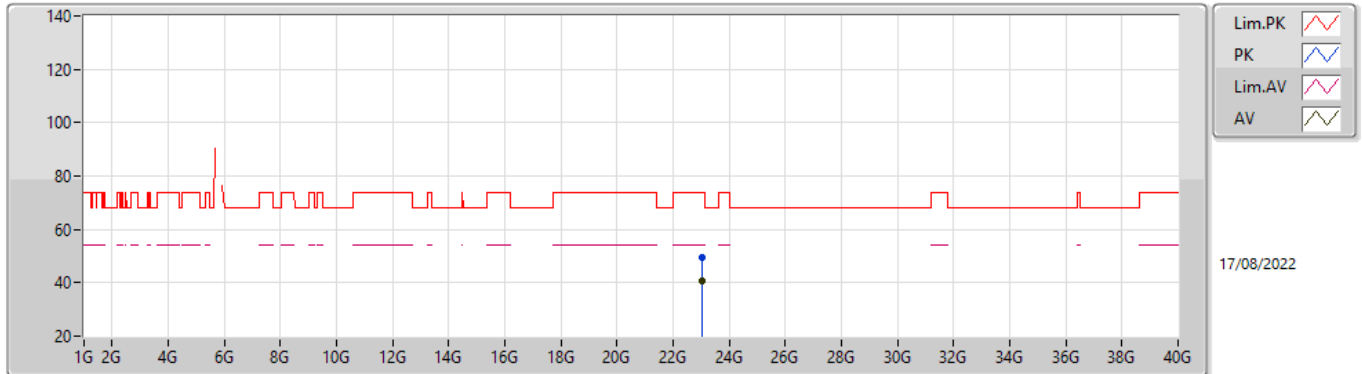
5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.50376G	41.57	54.00	-12.43	17.95	3	Horizontal	224	1.50	-	23.62	38.89	13.12	34.06
PK	11.50456G	54.96	74.00	-19.04	17.95	3	Horizontal	224	1.50	-	37.01	38.89	13.12	34.06
PK	17.27988G	65.73	68.20	-2.47	21.60	3	Horizontal	51	1.00	-	44.13	38.64	16.22	33.26

802.11ax HEW40_Nss1,(MCS0)_2TX

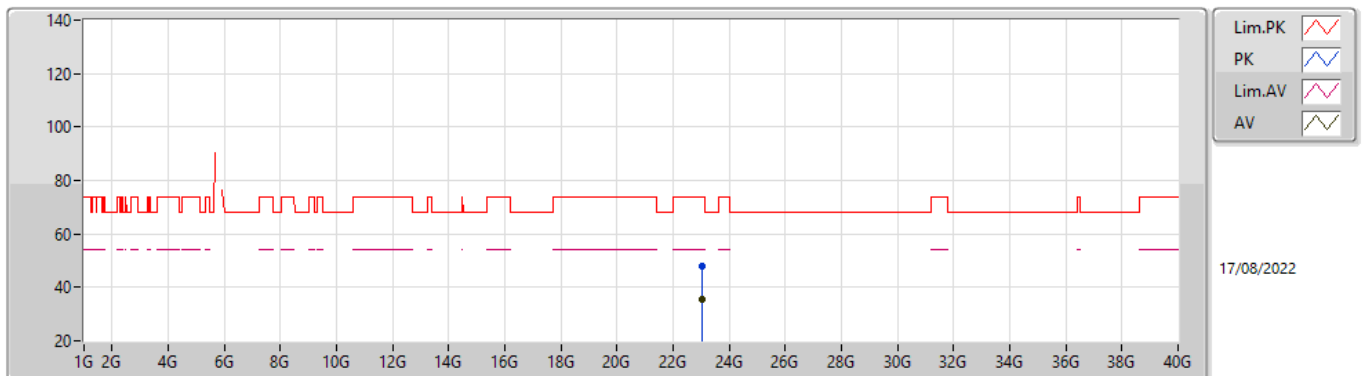
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	23.02008G	40.75	54.00	-13.25	-7.58	3	Vertical	222	1.64	-	48.33	39.69	18.28	56.01
PK	23.02G	49.30	74.00	-24.70	-7.58	3	Vertical	222	1.64	-	56.88	39.69	18.28	56.01

802.11ax HEW40_Nss1,(MCS0)_2TX

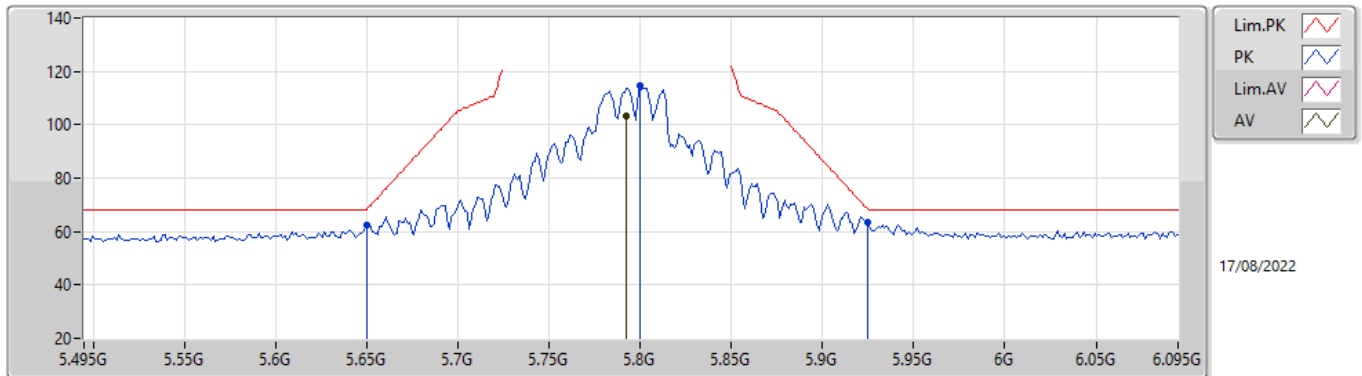
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	23.02008G	35.66	54.00	-18.34	-7.58	3	Horizontal	43	1.50	-	43.24	39.69	18.28	56.01
PK	23.00992G	47.73	74.00	-26.27	-7.57	3	Horizontal	43	1.50	-	55.30	39.70	18.27	56.00

802.11ax HEW40_Nss1,(MCS0)_2TX

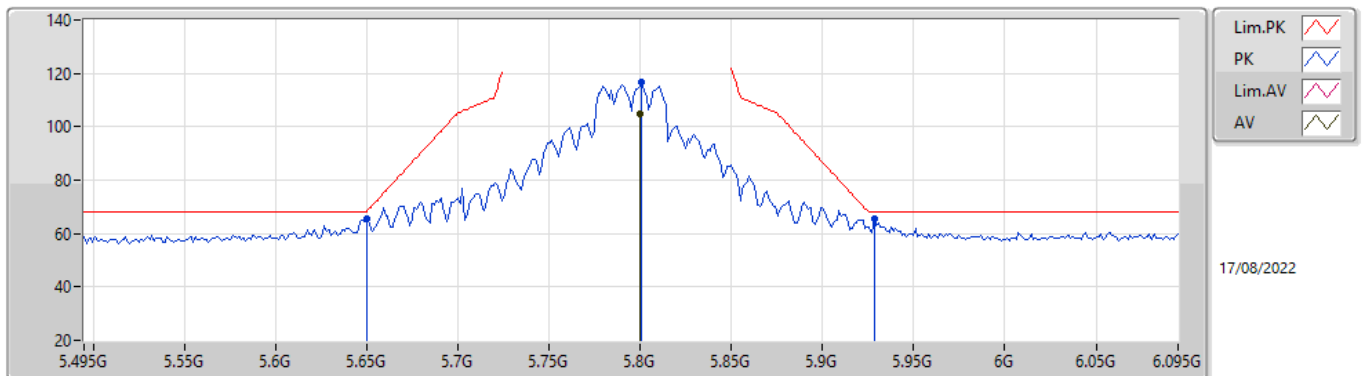
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7926G	103.07	Inf	-Inf	9.76	3	Vertical	39	1.07	-	93.31	33.79	10.18	34.21
PK	5.6498G	62.66	68.20	-5.54	9.20	3	Vertical	39	1.07	-	53.46	33.30	10.10	34.20
PK	5.7998G	114.48	Inf	-Inf	9.77	3	Vertical	39	1.07	-	104.71	33.80	10.18	34.21
PK	5.9246G	63.26	68.50	-5.24	10.25	3	Vertical	39	1.07	-	53.01	34.20	10.27	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

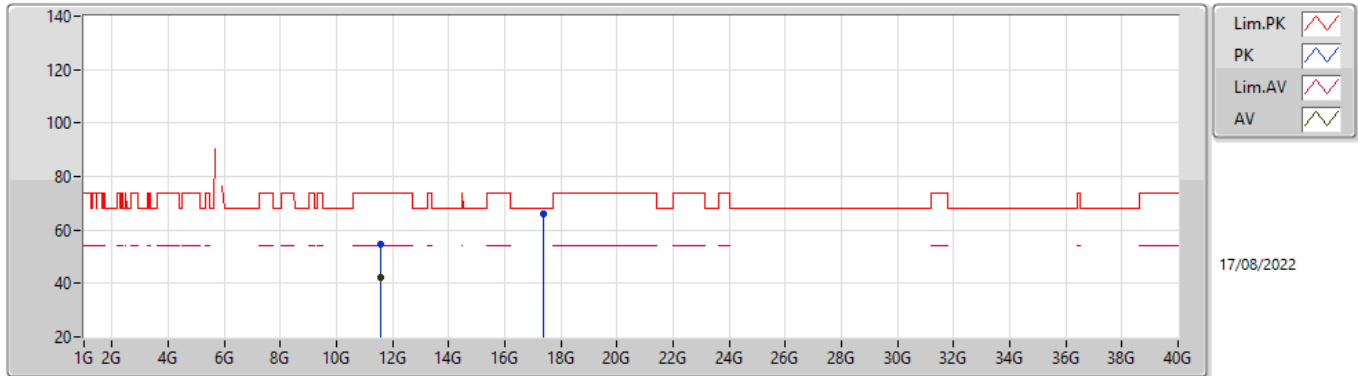
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7998G	105.07	Inf	-Inf	9.77	3	Horizontal	38	2.33	-	95.30	33.80	10.18	34.21
PK	5.6498G	65.53	68.20	-2.67	9.20	3	Horizontal	38	2.33	-	56.33	33.30	10.10	34.20
PK	5.801G	116.52	Inf	-Inf	9.78	3	Horizontal	38	2.33	-	106.74	33.81	10.18	34.21
PK	5.9282G	65.31	68.20	-2.89	10.27	3	Horizontal	38	2.33	-	55.04	34.21	10.28	34.22

802.11ax HEW40_Nss1,(MCS0)_2TX

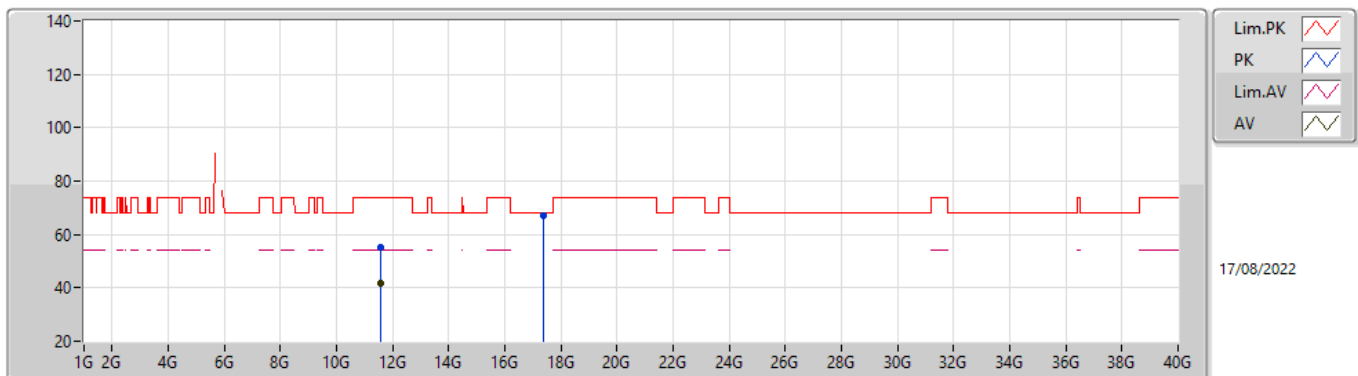
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59344G	42.02	54.00	-11.98	17.75	3	Vertical	3	1.91	-	24.27	38.71	13.15	34.11
PK	11.59264G	54.65	74.00	-19.35	17.75	3	Vertical	3	1.91	-	36.90	38.71	13.15	34.11
PK	17.36972G	66.02	68.20	-2.18	21.92	3	Vertical	354	1.37	-	44.10	38.91	16.24	33.23

802.11ax HEW40_Nss1,(MCS0)_2TX

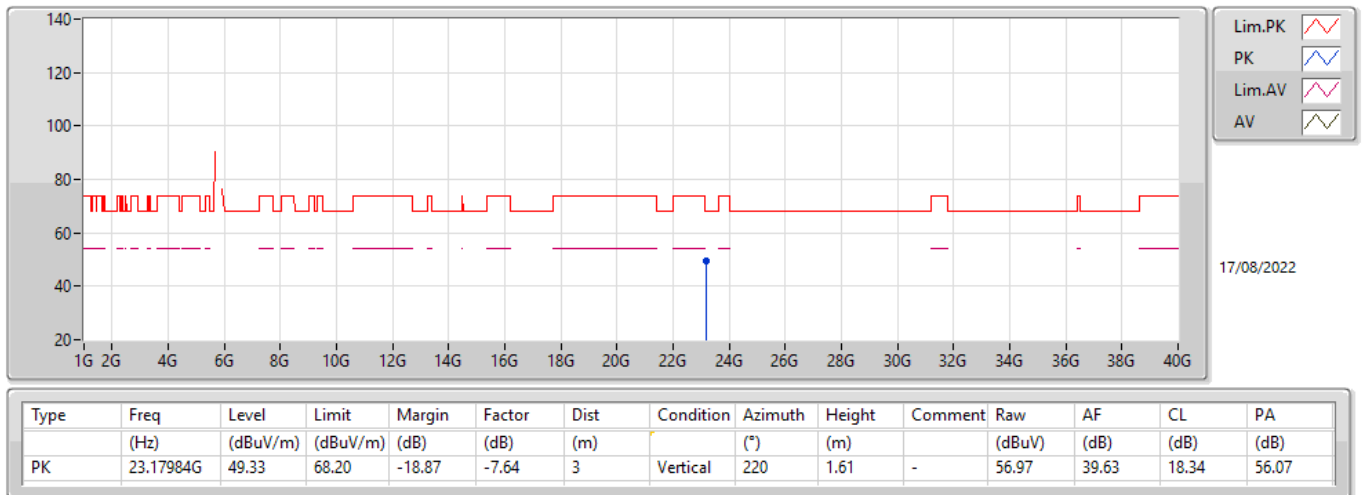
5795MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.59456G	41.96	54.00	-12.04	17.75	3	Horizontal	68	2.17	-	24.21	38.71	13.15	34.11
PK	11.5844G	54.94	74.00	-19.06	17.77	3	Horizontal	68	2.17	-	37.17	38.73	13.15	34.11
PK	17.37156G	66.87	68.20	-1.33	21.92	3	Horizontal	55	1.50	-	44.95	38.91	16.24	33.23

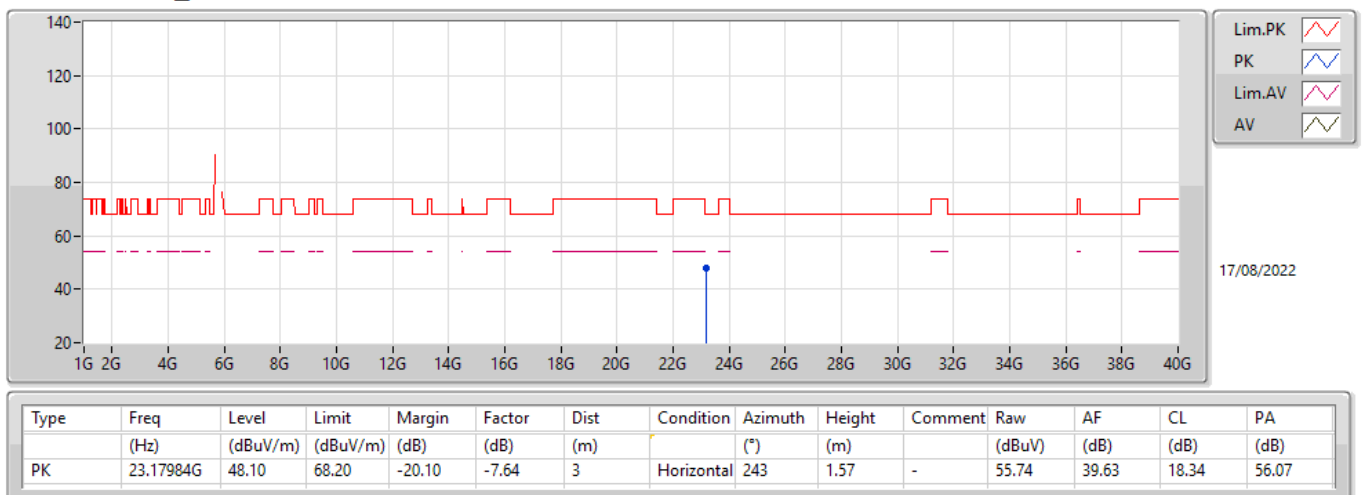
802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



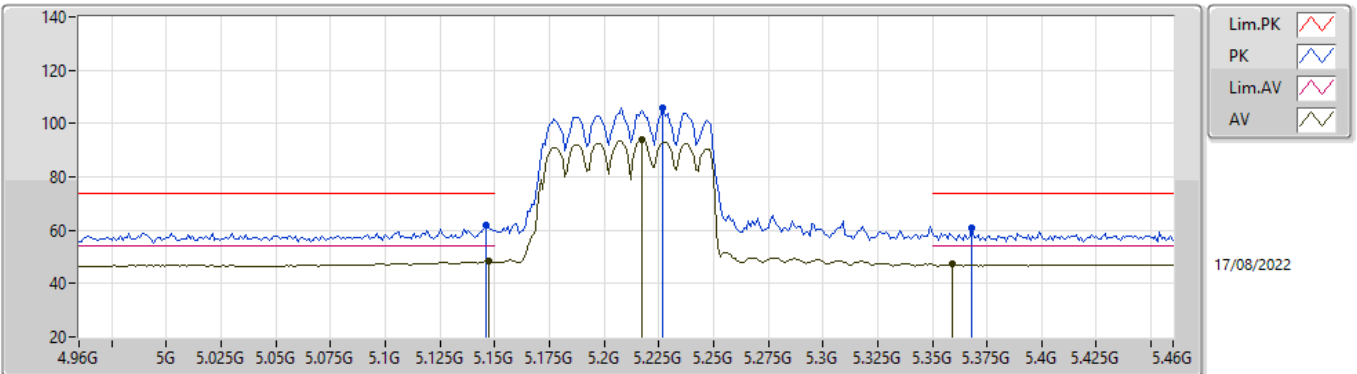
802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX



802.11ax HEW80_Nss1,(MCS0)_2TX

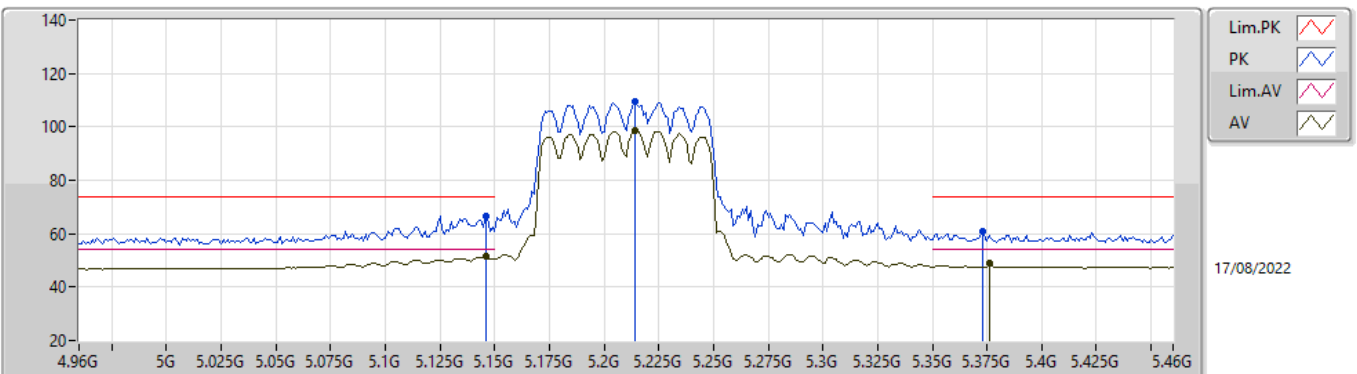
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.147G	48.33	54.00	-5.67	8.90	3	Vertical	15	2.11	-	39.43	33.20	9.83	34.13
AV	5.217G	93.78	Inf	-Inf	8.76	3	Vertical	15	2.11	-	85.02	33.03	9.87	34.14
AV	5.359G	47.20	54.00	-6.80	8.53	3	Vertical	15	2.11	-	38.67	32.72	9.97	34.16
PK	5.146G	62.00	74.00	-12.00	8.90	3	Vertical	15	2.11	-	53.10	33.20	9.83	34.13
PK	5.227G	106.02	Inf	-Inf	8.73	3	Vertical	15	2.11	-	97.29	32.99	9.88	34.14
PK	5.368G	61.06	74.00	-12.94	8.55	3	Vertical	15	2.11	-	52.51	32.74	9.98	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

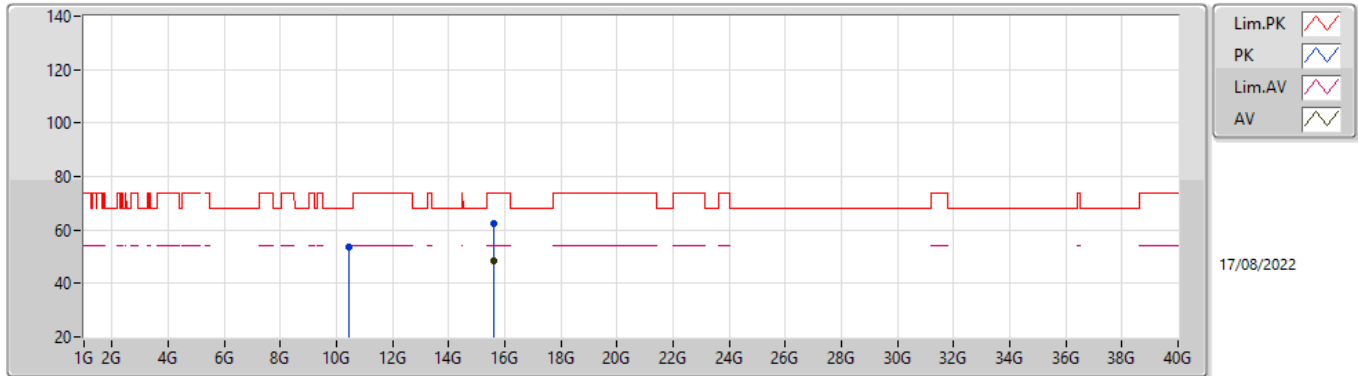
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.146G	51.46	54.00	-2.54	8.90	3	Horizontal	14	2.17	-	42.56	33.20	9.83	34.13
AV	5.214G	98.48	Inf	-Inf	8.77	3	Horizontal	14	2.17	-	89.71	33.04	9.87	34.14
AV	5.376G	49.15	54.00	-4.85	8.56	3	Horizontal	14	2.17	-	40.59	32.75	9.98	34.17
PK	5.146G	66.53	74.00	-7.47	8.90	3	Horizontal	14	2.17	-	57.63	33.20	9.83	34.13
PK	5.214G	109.30	Inf	-Inf	8.77	3	Horizontal	14	2.17	-	100.53	33.04	9.87	34.14
PK	5.373G	61.02	74.00	-12.98	8.56	3	Horizontal	14	2.17	-	52.46	32.75	9.98	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

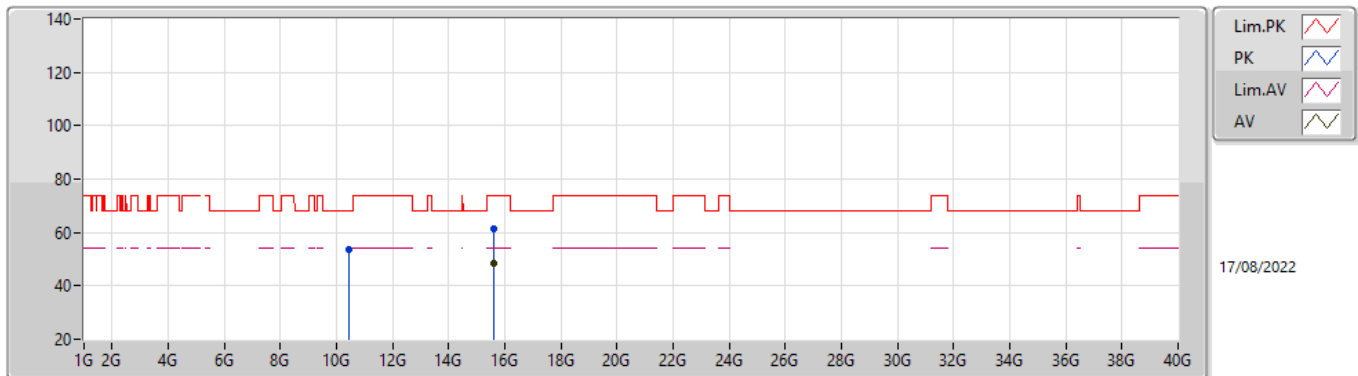
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61168G	48.45	54.00	-5.55	19.90	3	Vertical	136	1.67	-	28.55	38.64	15.73	34.47
PK	10.42328G	53.48	68.20	-14.72	16.83	3	Vertical	158	1.50	-	36.65	38.68	12.70	34.55
PK	15.62032G	62.37	74.00	-11.63	19.86	3	Vertical	136	1.67	-	42.51	38.60	15.74	34.48

802.11ax HEW80_Nss1,(MCS0)_2TX

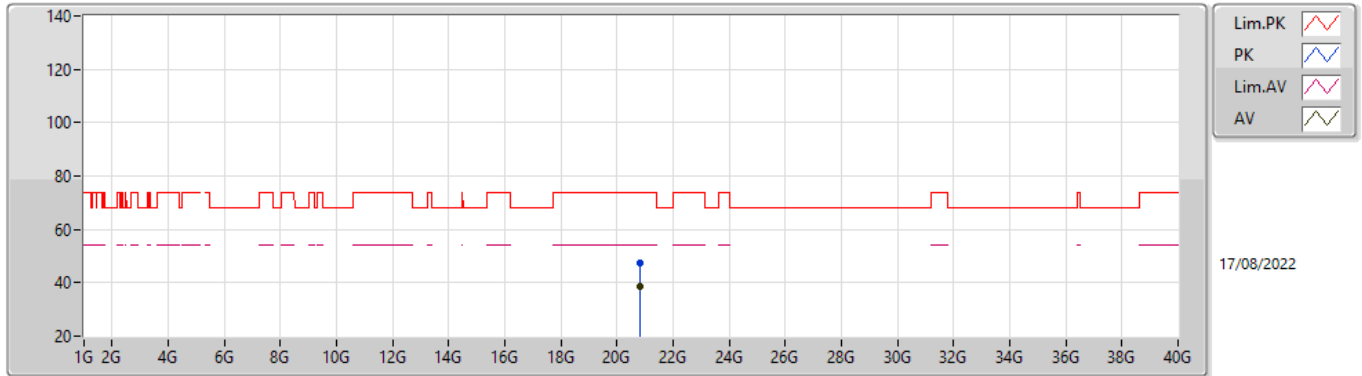
5210MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61128G	48.57	54.00	-5.43	19.90	3	Horizontal	204	1.20	-	28.67	38.64	15.73	34.47
PK	10.42968G	53.50	68.20	-14.70	16.83	3	Horizontal	360	2.89	-	36.67	38.67	12.70	34.54
PK	15.62096G	61.49	74.00	-12.51	19.86	3	Horizontal	204	1.20	-	41.63	38.60	15.74	34.48

802.11ax HEW80_Nss1,(MCS0)_2TX

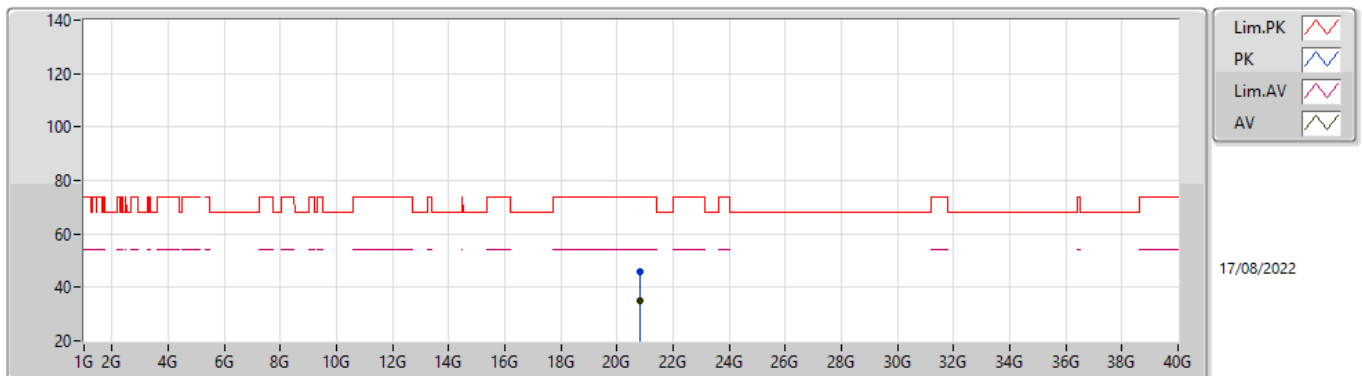
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.84G	38.58	54.00	-15.42	-7.77	3	Vertical	141	1.58	-	46.35	38.25	17.39	53.87
PK	20.84G	47.38	74.00	-26.62	-7.77	3	Vertical	141	1.58	-	55.15	38.25	17.39	53.87

802.11ax HEW80_Nss1,(MCS0)_2TX

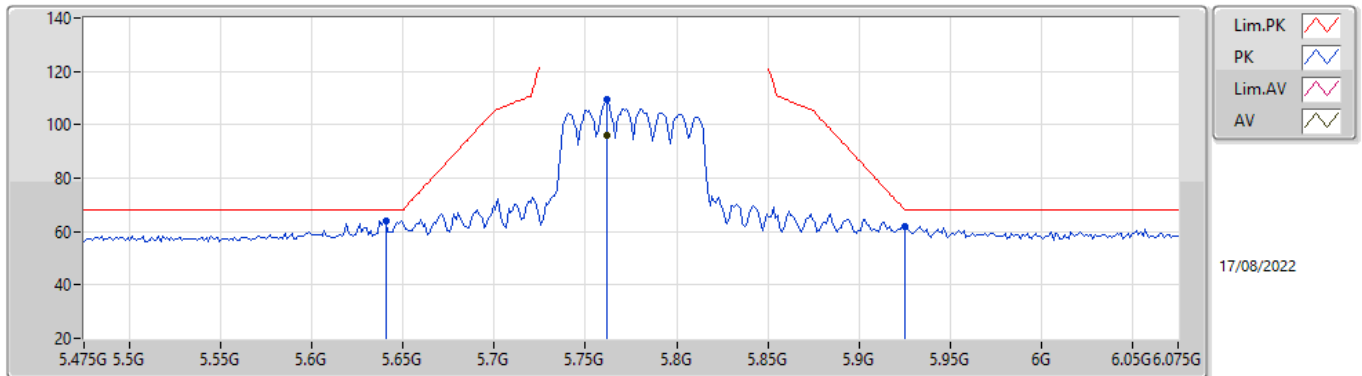
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	20.84G	34.91	54.00	-19.09	-7.77	3	Horizontal	188	1.50	-	42.68	38.25	17.39	53.87
PK	20.83984G	45.67	74.00	-28.33	-7.77	3	Horizontal	188	1.50	-	53.44	38.25	17.39	53.87

802.11ax HEW80_Nss1,(MCS0)_2TX

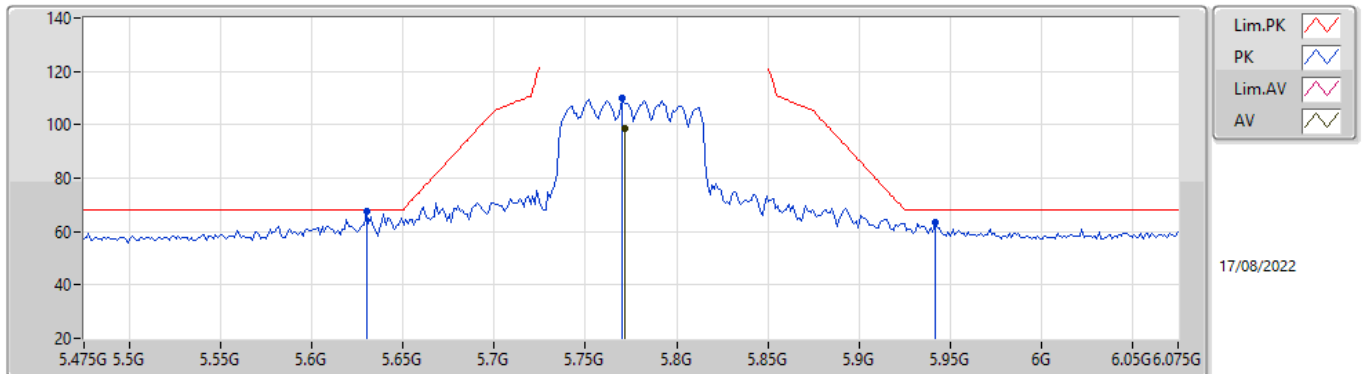
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7618G	96.22	Inf	-Inf	9.67	3	Vertical	38	2.29	-	86.55	33.72	10.16	34.21
PK	5.6406G	64.13	68.20	-4.07	9.15	3	Vertical	38	2.29	-	54.98	33.26	10.09	34.20
PK	5.7618G	109.52	Inf	-Inf	9.67	3	Vertical	38	2.29	-	99.85	33.72	10.16	34.21
PK	5.925G	62.10	68.20	-6.10	10.25	3	Vertical	38	2.29	-	51.85	34.20	10.27	34.22

802.11ax HEW80_Nss1,(MCS0)_2TX

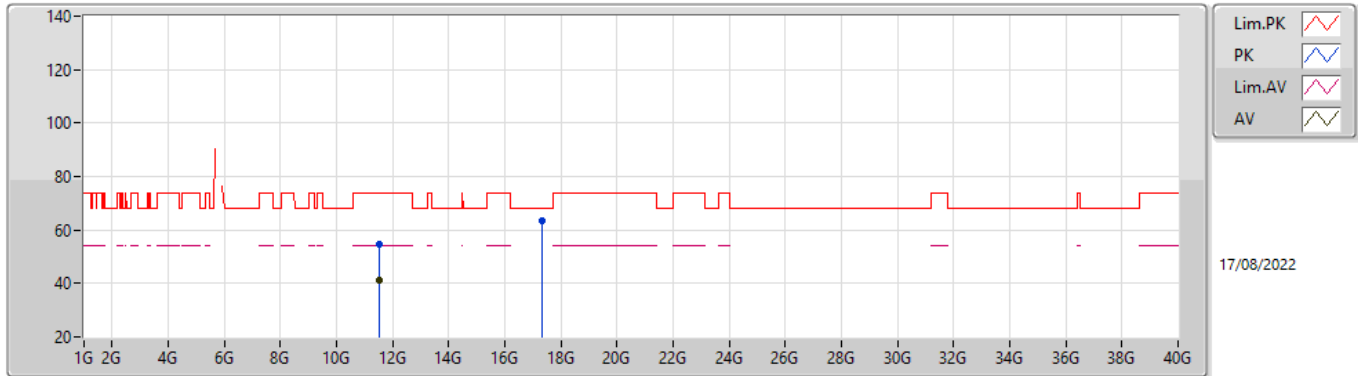
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7714G	98.67	Inf	-Inf	9.69	3	Horizontal	347	2.35	-	88.98	33.74	10.16	34.21
PK	5.6298G	67.52	68.20	-0.68	9.11	3	Horizontal	347	2.35	-	58.41	33.22	10.09	34.20
PK	5.7702G	110.11	Inf	-Inf	9.69	3	Horizontal	347	2.35	-	100.42	33.74	10.16	34.21
PK	5.9418G	63.45	68.20	-4.75	10.34	3	Horizontal	347	2.35	-	53.11	34.27	10.29	34.22

802.11ax HEW80_Nss1,(MCS0)_2TX

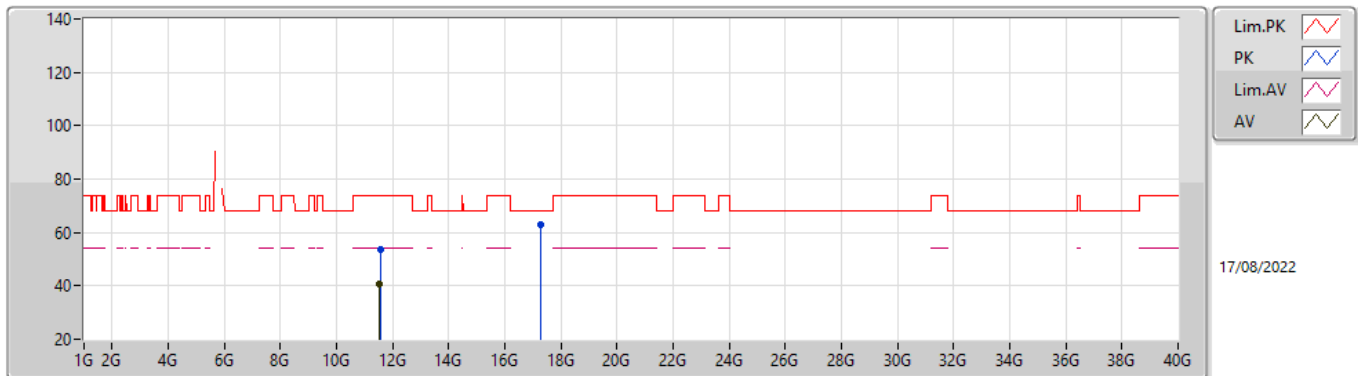
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.52184G	41.16	54.00	-12.84	17.91	3	Vertical	130	1.50	-	23.25	38.86	13.12	34.07
PK	11.51384G	54.62	74.00	-19.38	17.92	3	Vertical	130	1.50	-	36.70	38.87	13.12	34.07
PK	17.3482G	63.46	68.20	-4.74	21.84	3	Vertical	351	1.50	-	41.62	38.84	16.24	33.24

802.11ax HEW80_Nss1,(MCS0)_2TX

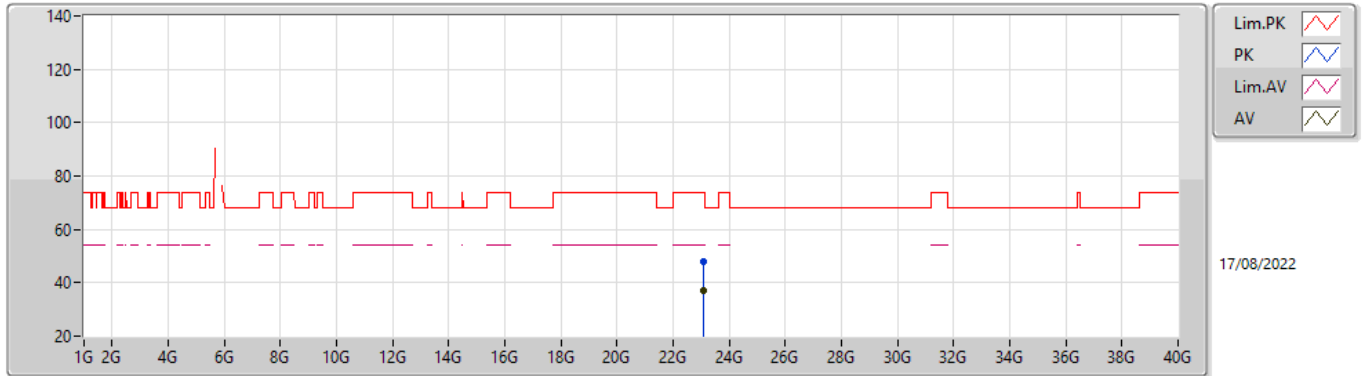
5775MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5244G	40.86	54.00	-13.14	17.90	3	Horizontal	248	2.50	-	22.96	38.85	13.12	34.07
PK	11.56712G	53.52	74.00	-20.48	17.81	3	Horizontal	248	2.50	-	35.71	38.77	13.14	34.10
PK	17.30116G	63.08	68.20	-5.12	21.68	3	Horizontal	171	2.11	-	41.40	38.70	16.23	33.25

802.11ax HEW80_Nss1,(MCS0)_2TX

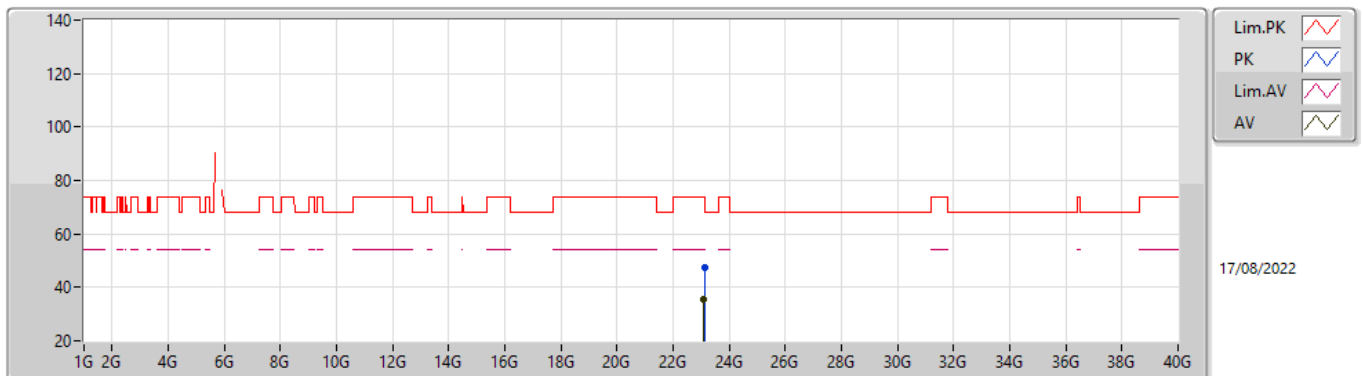
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	23.1G	37.21	54.00	-16.79	-7.61	3	Vertical	247	1.55	-	44.82	39.66	18.31	56.04
PK	23.09296G	47.84	74.00	-26.16	-7.61	3	Vertical	247	1.55	-	55.45	39.66	18.31	56.04

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	23.1G	35.57	54.00	-18.43	-7.61	3	Horizontal	244	1.58	-	43.18	39.66	18.31	56.04
PK	23.10768G	47.38	74.00	-26.62	-7.61	3	Horizontal	244	1.58	-	54.99	39.66	18.31	56.04



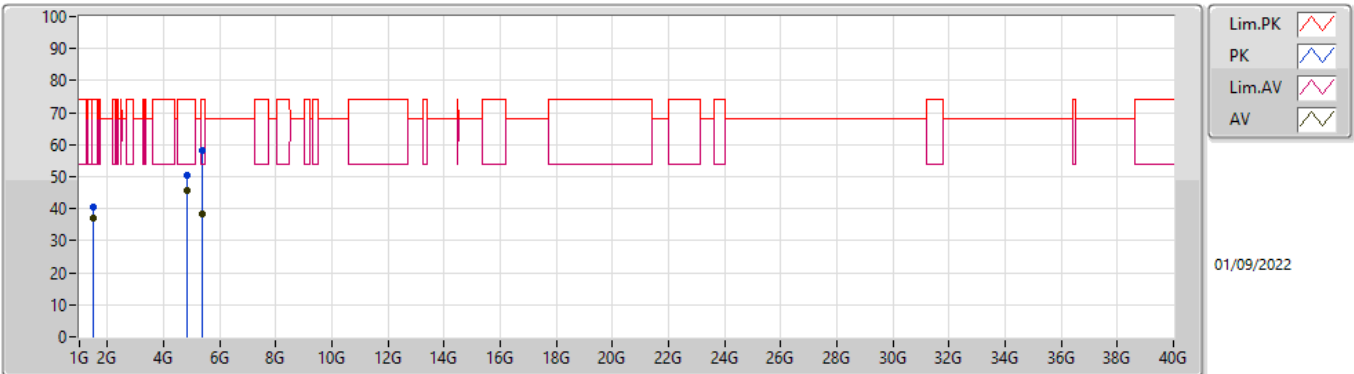
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments	Raw (dBuV/m)	AF (dB/m)
Mode 1	Pass	AV	4.83G	45.81	54.00	-8.19	8.06	3	Vertical	213	1.50	-	37.75	32.56

Result

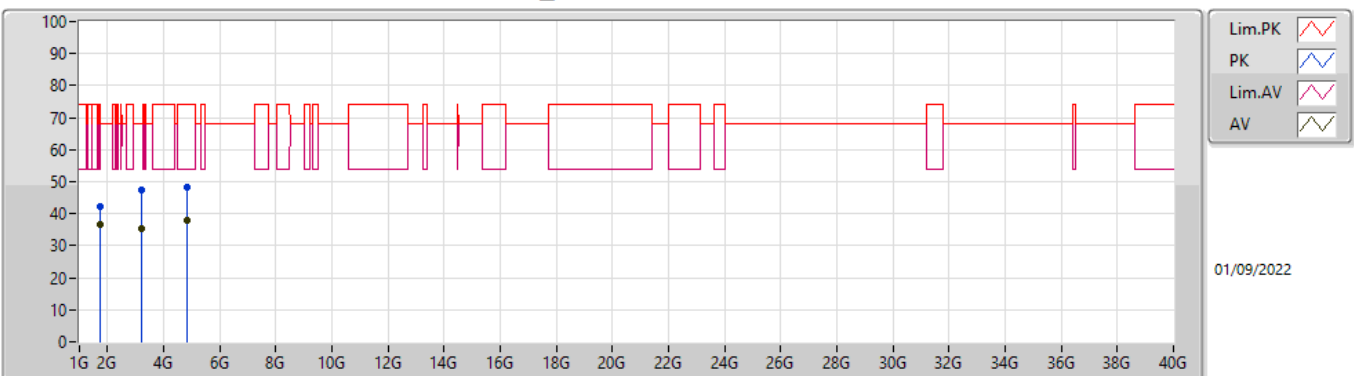
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.5G	37.08	54.00	-16.92	3	Vertical	85	2.78	-
Mode 1	Pass	AV	4.83G	45.81	54.00	-8.19	3	Vertical	213	1.50	-
Mode 1	Pass	AV	5.4G	38.16	54.00	-15.84	3	Vertical	17	1.52	-
Mode 1	Pass	PK	1.5G	40.60	74.00	-33.40	3	Vertical	85	2.78	-
Mode 1	Pass	PK	4.83G	50.40	74.00	-23.60	3	Vertical	213	1.50	-
Mode 1	Pass	PK	5.4G	58.00	74.00	-16.00	3	Vertical	17	1.52	-
Mode 1	Pass	AV	1.7188G	36.85	54.00	-17.15	3	Horizontal	232	1.21	-
Mode 1	Pass	AV	3.21G	35.24	68.20	-32.96	3	Horizontal	360	1.28	-
Mode 1	Pass	AV	4.83G	38.09	54.00	-15.91	3	Horizontal	316	1.50	-
Mode 1	Pass	PK	1.7188G	42.42	74.00	-31.58	3	Horizontal	232	1.21	-
Mode 1	Pass	PK	3.21G	47.34	68.20	-20.86	3	Horizontal	360	1.28	-
Mode 1	Pass	PK	4.83G	48.17	74.00	-25.83	3	Horizontal	316	1.50	-

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.5G	37.08	54.00	-16.92	-1.94	3	Vertical	85	2.78	-	39.02	25.50	6.80	34.24
AV	4.83G	45.81	54.00	-8.19	8.06	3	Vertical	213	1.50	-	37.75	32.56	9.68	34.18
AV	5.4G	38.16	54.00	-15.84	8.63	3	Vertical	17	1.52	-	29.53	32.80	10.00	34.17
PK	1.5G	40.60	74.00	-33.40	-1.94	3	Vertical	85	2.78	-	42.54	25.50	6.80	34.24
PK	4.83G	50.40	74.00	-23.60	8.06	3	Vertical	213	1.50	-	42.34	32.56	9.68	34.18
PK	5.4G	58.00	74.00	-16.00	8.63	3	Vertical	17	1.52	-	49.37	32.80	10.00	34.17

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.7188G	36.85	54.00	-17.15	-1.63	3	Horizontal	232	1.21	-	38.48	25.22	7.33	34.18
AV	3.21G	35.24	68.20	-32.96	4.41	3	Horizontal	360	1.28	-	30.83	29.90	8.86	34.35
AV	4.83G	38.09	54.00	-15.91	8.06	3	Horizontal	316	1.50	-	30.03	32.56	9.68	34.18
PK	1.7188G	42.42	74.00	-31.58	-1.63	3	Horizontal	232	1.21	-	44.05	25.22	7.33	34.18
PK	3.21G	47.34	68.20	-20.86	4.41	3	Horizontal	360	1.28	-	42.93	29.90	8.86	34.35
PK	4.83G	48.17	74.00	-25.83	8.06	3	Horizontal	316	1.50	-	40.11	32.56	9.68	34.18