

FCC Radio Test Report

FCC ID : RC6-API51X
Equipment : 2x2 802.11ax Ruggedized AP
Brand Name : Amigo
Model Name : API51X
Applicant : Amigo Technology Inc.
No.82, Gongye 2nd Road., Annan Dist.,
Tainan City 709, Taiwan
Manufacturer : Amigo Technology Inc.
No.82, Gongye 2nd Road., Annan Dist.,
Tainan City 709, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 13, 2021, and testing was started from May 25, 2021 and completed on Jun. 12, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-D1 Ver4.2
FCC ID: RC6-API51X

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HWE20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HWE40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HWE80)	5210	42 [1]
5725-5850		5775	155 [1]

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

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
1	MasterWave	98615MNXX003	Omni	N-type
2	MasterWave	98615MNXX003	Omni	N-type
3	MasterWave	98615UNXX005	Omni	N-type
4	MasterWave	98615UNXX005	Omni	N-type
5	LYNwave	ALA150-05102C-00	PCB	I-Pex

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	5.0	-	-
2	2	5.0	-	-
3	1	-	7.0	-
4	2	-	7.0	-
5	1	-	-	6.0

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)

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

For 5GHz 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 PoE		
EUT Function	☒	Outdoor AP	☐ Indoor AP
	☐	Fixed P2P AP	☐ Outdoor/Indoor Client
Beamforming Function	☐	With beamforming	☒ Without beamforming
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.951	0.22	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.952	0.21	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.953	0.21	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.943	0.25	5.445m	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	Edward Wang	23.1~23.6°C / 56~60%	25/May/2021
RF Conducted	TH06-HY	Johnny Yu	20.1~26.9°C / 50~60%	11/Jun/2021~12/Jun/2021
Radiated	03CH02-HY	Lego Lin	21.7~25.6°C / 56~60%	26/May/2021~31/May/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787	FAX: 886-3-318-0287		
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software	QSPR
Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	8.5
5200MHz	8.5
5240MHz	9
5745MHz	24
5785MHz	23
5825MHz	23.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	8.5
5200MHz	9
5240MHz	9.5
5745MHz	24.5
5785MHz	23.5
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	8
5230MHz	8.5
5755MHz	24
5795MHz	23
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	8.5
5775MHz	23.5

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	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	PoE mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	Powertron Electronics Corp	POE1024-480T3A050	-	Note 1
2	AC Power Cable	-	-	-	Note 1
3	RJ-45 Cable	Power sync	CAT-6E-10	-	-
4	Ground cable	-	-	-	-

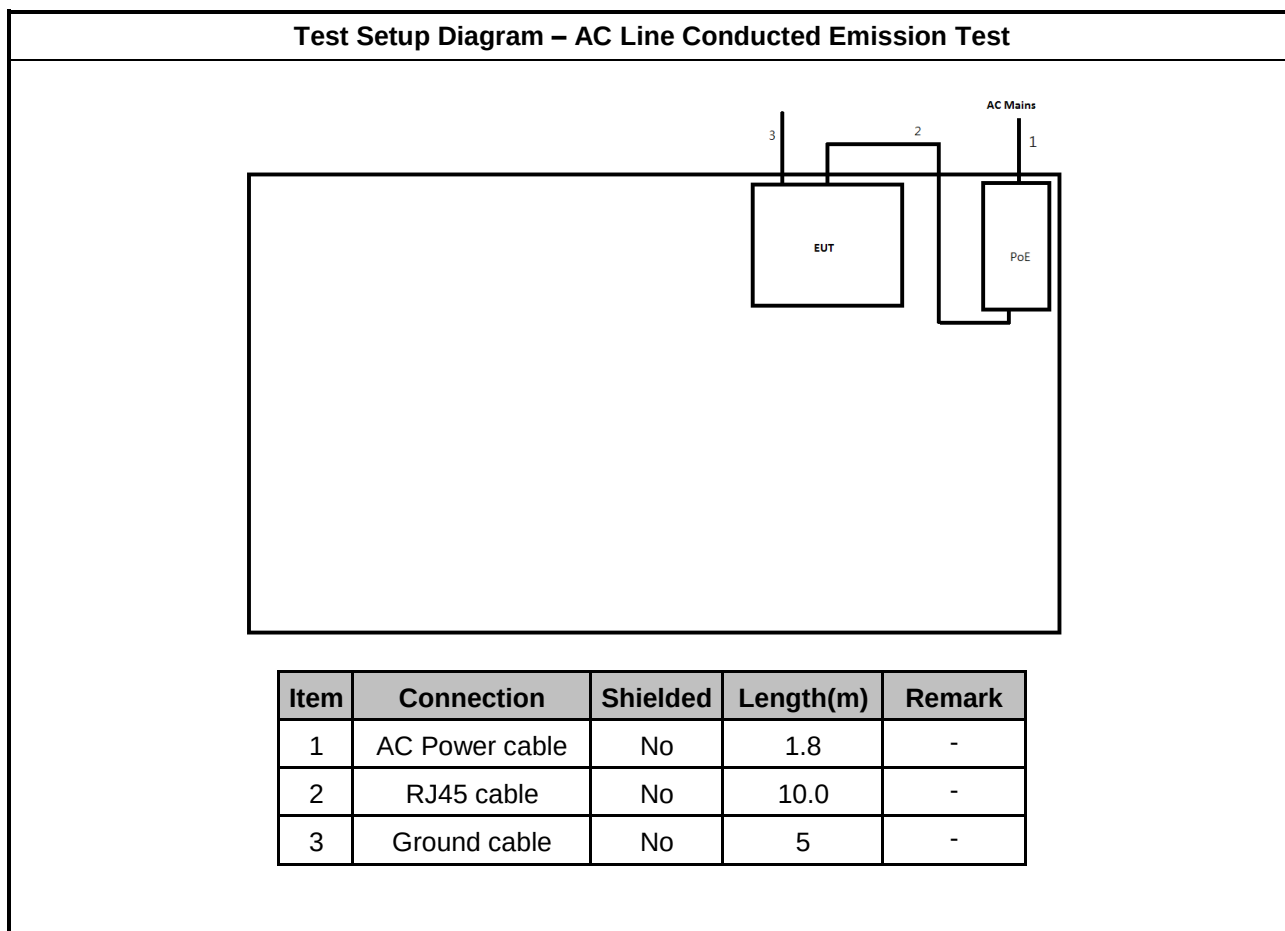
Note 1: Provided by Customer.

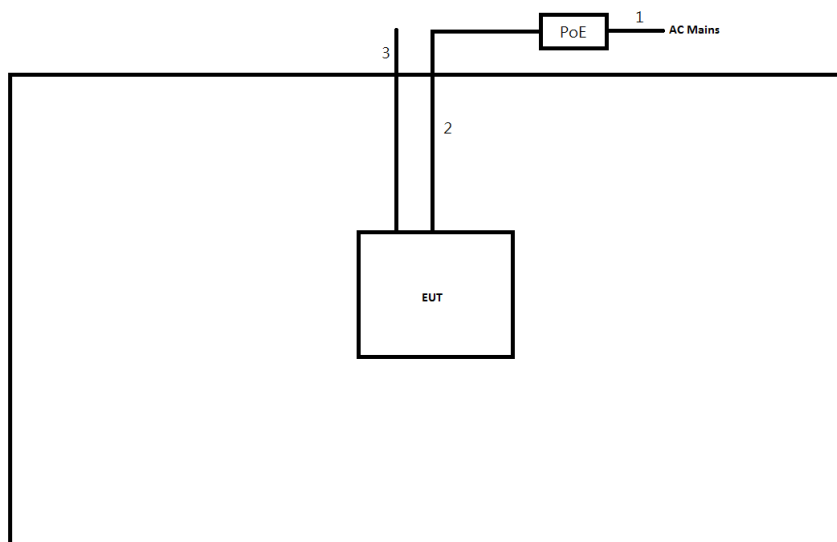
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment –Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	Powertron Electronics Corp	POE1024-480T3A050	-	Note 1
2	AC Power Cable	-	-	-	Note 1
3	RJ-45 Cable	Power sync	CAT-6E-10	-	-
4	Ground cable	-	-	-	-

Note 1: Provided by Customer.

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	RJ45 cable	No	10.0	-
3	Ground cable	No	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

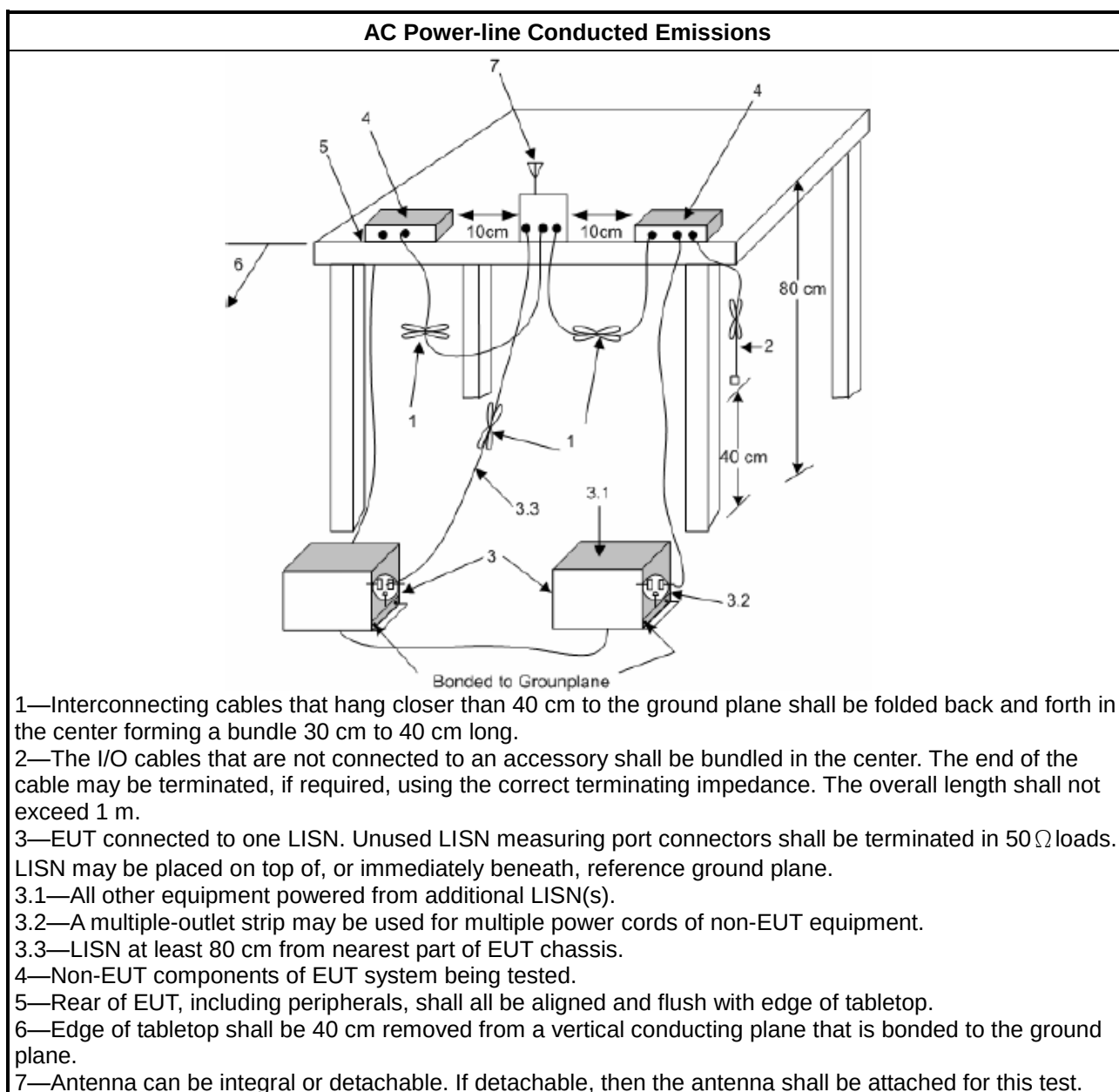
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

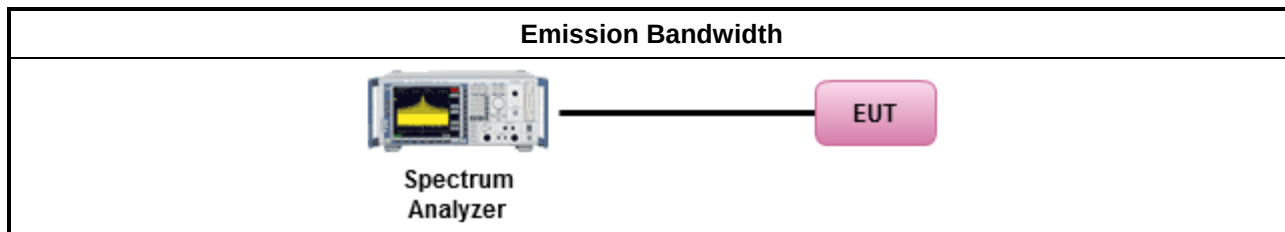
3.2.2 Measuring Instruments

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.	

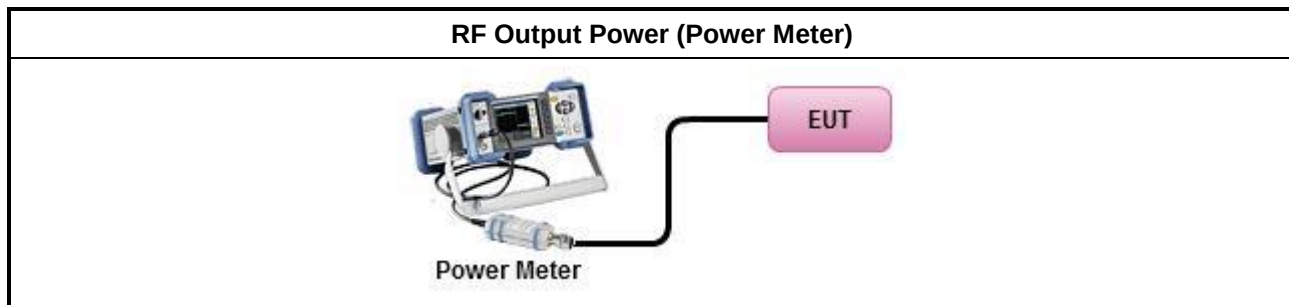
3.3.2 Measuring Instruments

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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

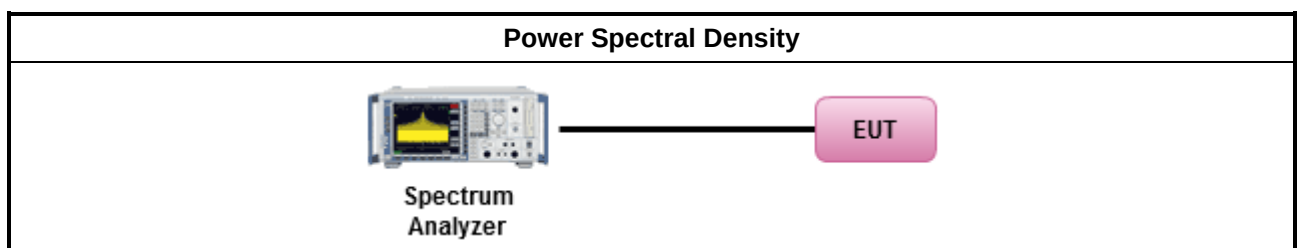
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

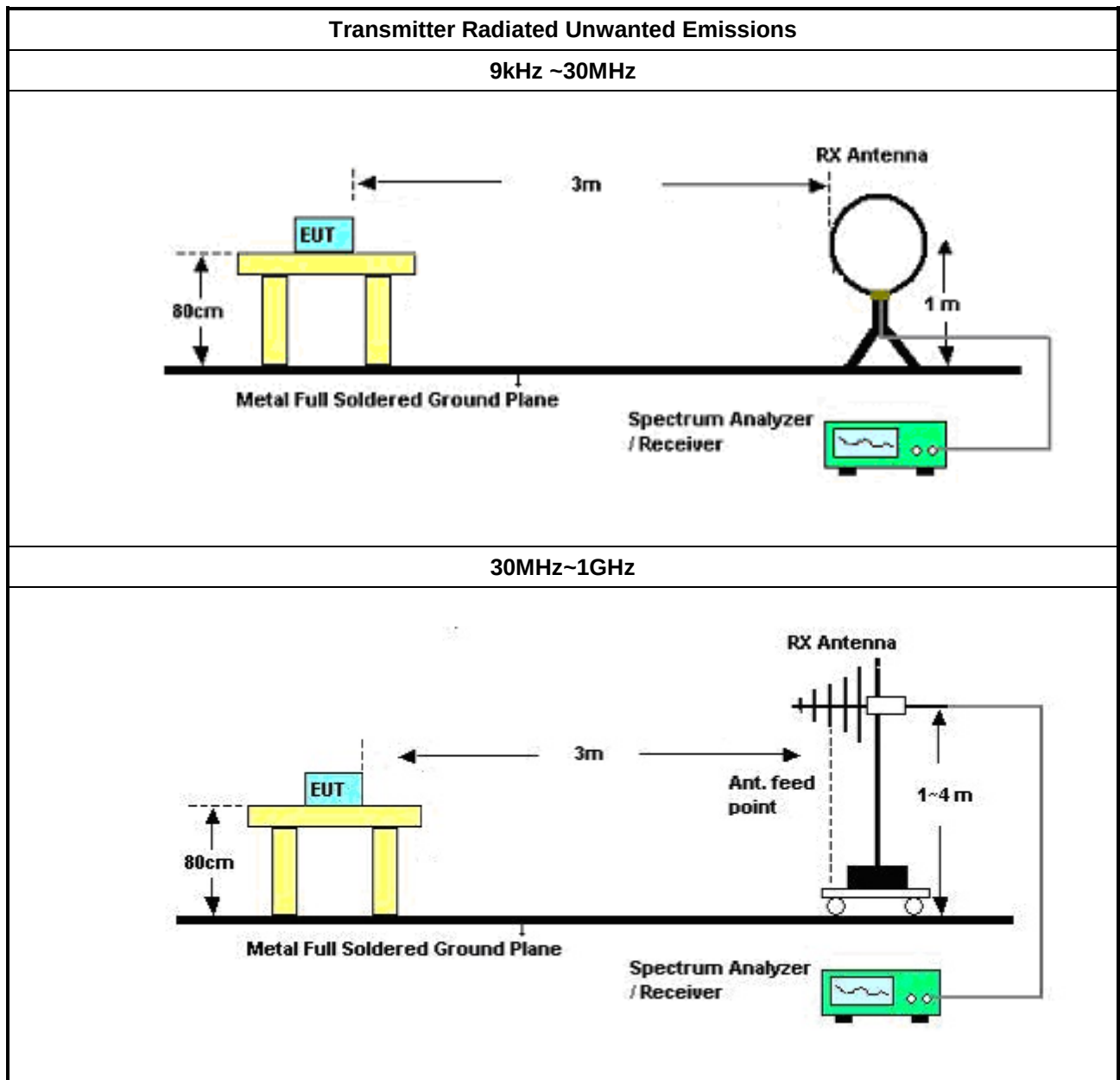
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

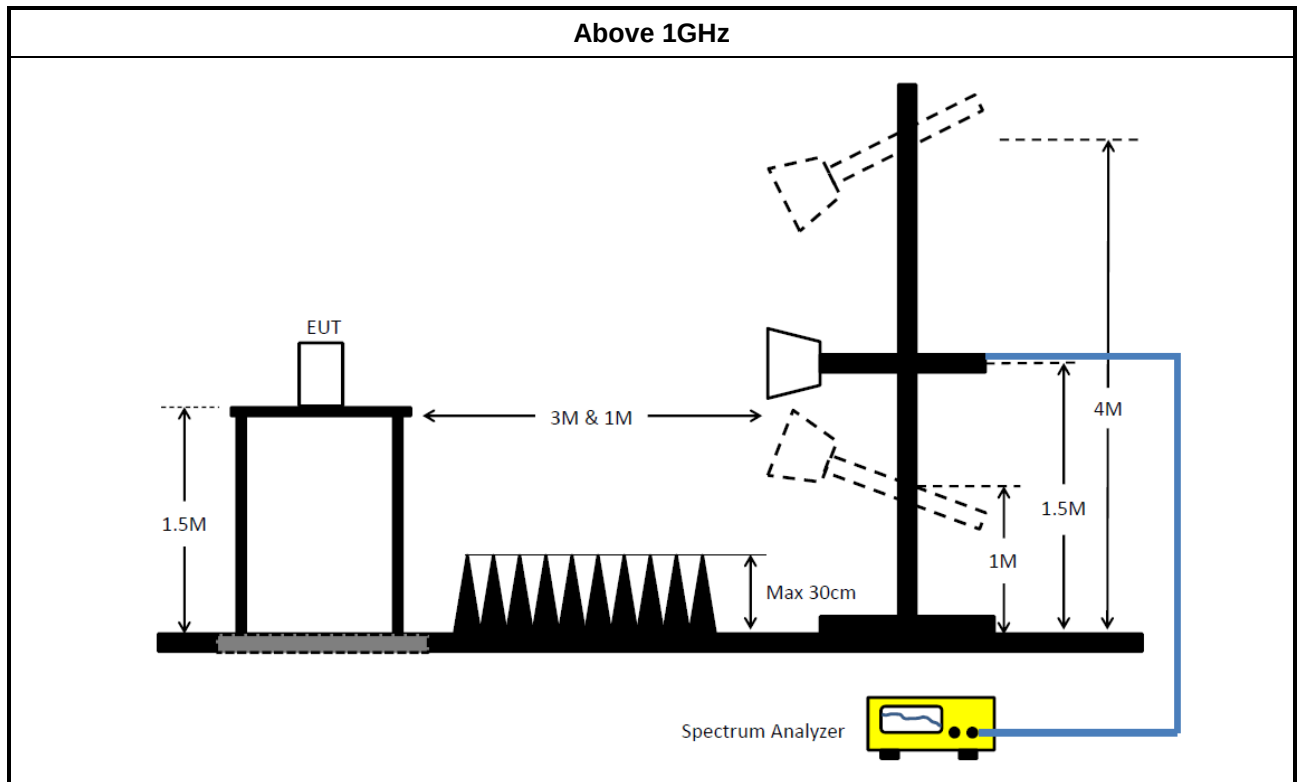
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

Instrument for Conducted Test

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

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	04/Aug/2020	03/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	02/Aug/2020	01/Aug/2021
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	30/Jun/2020	29/Jun/2021
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	06/Sep/2020	05/Sep/2021
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	09/Jun/2020	08/Jun/2021
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	60604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	21/May/2021	20/May/2022



Conducted Emissions at Powerline

Appendix A

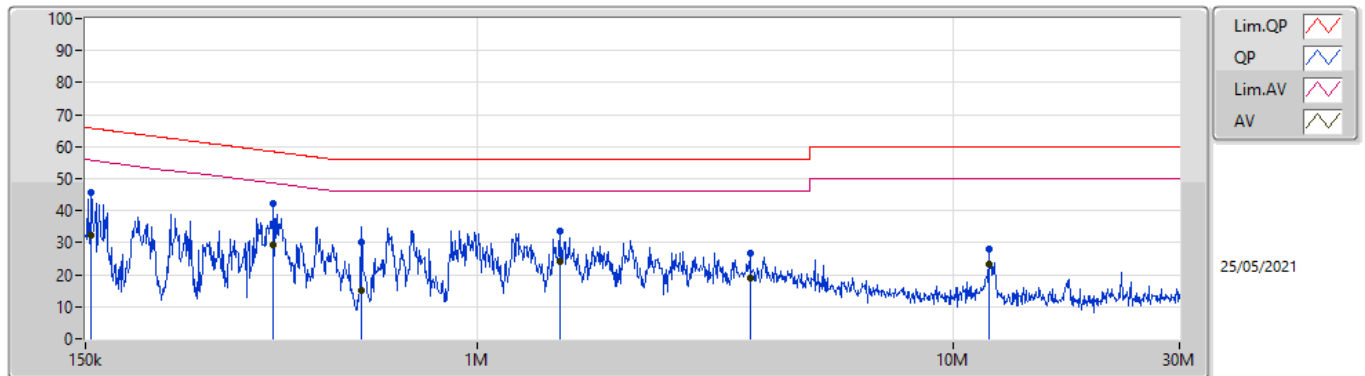
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	369.752k	43.33	58.50	-15.17	Neutral

Result

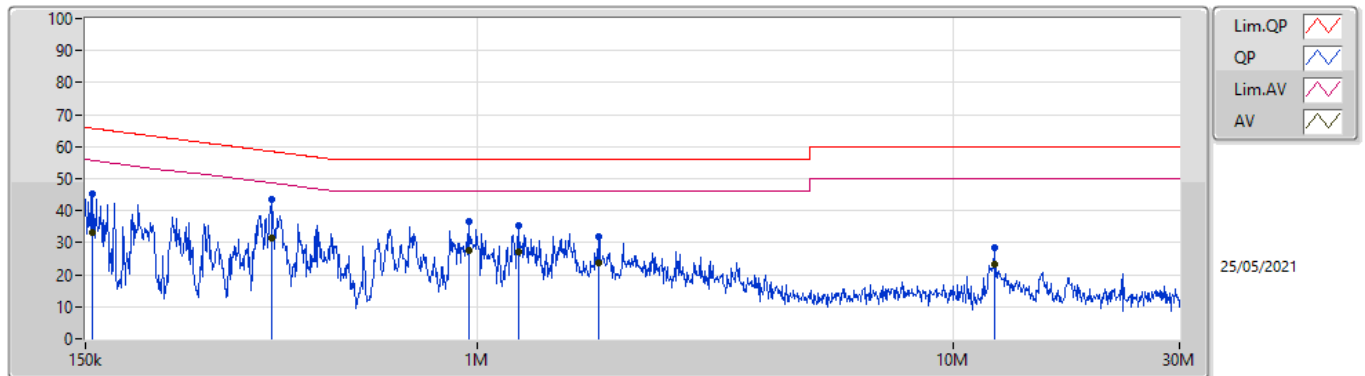
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.251k	45.60	65.77	-20.17	Line	-
Mode 1	Pass	AV	154.251k	32.24	55.77	-23.53	Line	-
Mode 1	Pass	QP	372.716k	42.08	58.45	-16.37	Line	-
Mode 1	Pass	AV	372.716k	29.19	48.45	-19.26	Line	-
Mode 1	Pass	QP	569.051k	30.37	56.00	-25.63	Line	-
Mode 1	Pass	AV	569.051k	15.18	46.00	-30.82	Line	-
Mode 1	Pass	QP	1.489M	33.42	56.00	-22.58	Line	-
Mode 1	Pass	AV	1.489M	23.94	46.00	-22.06	Line	-
Mode 1	Pass	QP	3.745M	26.83	56.00	-29.17	Line	-
Mode 1	Pass	AV	3.745M	18.90	46.00	-27.10	Line	-
Mode 1	Pass	QP	11.919M	27.90	60.00	-32.10	Line	-
Mode 1	Pass	AV	11.919M	23.46	50.00	-26.54	Line	-
Mode 1	Pass	QP	154.868k	45.41	65.73	-20.32	Neutral	-
Mode 1	Pass	AV	154.868k	33.06	55.73	-22.67	Neutral	-
Mode 1	Pass	QP	369.752k	43.33	58.50	-15.17	Neutral	-
Mode 1	Pass	AV	369.752k	31.36	48.50	-17.14	Neutral	-
Mode 1	Pass	QP	959.992k	36.59	56.00	-19.41	Neutral	-
Mode 1	Pass	AV	959.992k	27.64	46.00	-18.36	Neutral	-
Mode 1	Pass	QP	1.225M	35.35	56.00	-20.65	Neutral	-
Mode 1	Pass	AV	1.225M	27.24	46.00	-18.76	Neutral	-
Mode 1	Pass	QP	1.804M	31.85	56.00	-24.15	Neutral	-
Mode 1	Pass	AV	1.804M	23.84	46.00	-22.16	Neutral	-
Mode 1	Pass	QP	12.257M	28.40	60.00	-31.60	Neutral	-
Mode 1	Pass	AV	12.257M	23.18	50.00	-26.82	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.251k	45.60	65.77	-20.17	19.63	Line	-	25.97	9.69	0.04	9.90			
AV	154.251k	32.24	55.77	-23.53	19.63	Line	-	12.61	9.69	0.04	9.90			
QP	372.716k	42.08	58.45	-16.37	19.63	Line	-	22.45	9.67	0.06	9.90			
AV	372.716k	29.19	48.45	-19.26	19.63	Line	-	9.56	9.67	0.06	9.90			
QP	569.051k	30.37	56.00	-25.63	19.60	Line	-	10.77	9.67	0.07	9.86			
AV	569.051k	15.18	46.00	-30.82	19.60	Line	-	-4.42	9.67	0.07	9.86			
QP	1.489M	33.42	56.00	-22.58	19.57	Line	-	13.85	9.68	0.09	9.80			
AV	1.489M	23.94	46.00	-22.06	19.57	Line	-	4.37	9.68	0.09	9.80			
QP	3.745M	26.83	56.00	-29.17	19.72	Line	-	7.11	9.69	0.14	9.89			
AV	3.745M	18.90	46.00	-27.10	19.72	Line	-	-0.82	9.69	0.14	9.89			
QP	11.919M	27.90	60.00	-32.10	19.83	Line	-	8.07	9.71	0.22	9.90			
AV	11.919M	23.46	50.00	-26.54	19.83	Line	-	3.63	9.71	0.22	9.90			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	45.41	65.73	-20.32	19.63	Neutral	-	25.78	9.69	0.04	9.90			
AV	154.868k	33.06	55.73	-22.67	19.63	Neutral	-	13.43	9.69	0.04	9.90			
QP	369.752k	43.33	58.50	-15.17	19.63	Neutral	-	23.70	9.67	0.06	9.90			
AV	369.752k	31.36	48.50	-17.14	19.63	Neutral	-	11.73	9.67	0.06	9.90			
QP	959.992k	36.59	56.00	-19.41	19.55	Neutral	-	17.04	9.67	0.08	9.80			
AV	959.992k	27.64	46.00	-18.36	19.55	Neutral	-	8.09	9.67	0.08	9.80			
QP	1.225M	35.35	56.00	-20.65	19.56	Neutral	-	15.79	9.67	0.09	9.80			
AV	1.225M	27.24	46.00	-18.76	19.56	Neutral	-	7.68	9.67	0.09	9.80			
QP	1.804M	31.85	56.00	-24.15	19.58	Neutral	-	12.27	9.68	0.10	9.80			
AV	1.804M	23.84	46.00	-22.16	19.58	Neutral	-	4.26	9.68	0.10	9.80			
QP	12.257M	28.40	60.00	-31.60	19.86	Neutral	-	8.54	9.74	0.22	9.90			
AV	12.257M	23.18	50.00	-26.82	19.86	Neutral	-	3.32	9.74	0.22	9.90			

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.7M	16.492M	16M5D1D	20.52M	16.432M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.96M	18.981M	19M0D1D	21.36M	18.891M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.1M	38.021M	38M0D1D	40.86M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.8M	77.601M	77M6D1D	82.44M	77.481M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.32M	17.001M	17M0D1D	15.06M	16.402M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.78M	19.25M	19M2D1D	16.95M	18.861M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.86M	38.321M	38M3D1D	37.38M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	75.48M	78.801M	78M8D1D	73.92M	77.361M

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	16.462M	20.7M	16.462M
5200MHz	Pass	Inf	20.61M	16.462M	20.67M	16.432M
5240MHz	Pass	Inf	20.55M	16.492M	20.7M	16.432M
5745MHz	Pass	500k	15.27M	16.402M	16.29M	16.582M
5785MHz	Pass	500k	16.26M	16.462M	16.29M	16.522M
5825MHz	Pass	500k	16.32M	16.462M	15.06M	17.001M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.81M	18.921M	21.96M	18.981M
5200MHz	Pass	Inf	21.72M	18.951M	21.36M	18.921M
5240MHz	Pass	Inf	21.63M	18.891M	21.6M	18.981M
5745MHz	Pass	500k	16.95M	18.891M	18.78M	19.07M
5785MHz	Pass	500k	17.28M	18.861M	18.42M	19.04M
5825MHz	Pass	500k	17.67M	18.921M	18.42M	19.25M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.86M	38.021M	41.1M	37.901M
5230MHz	Pass	Inf	40.98M	37.841M	40.86M	38.021M
5755MHz	Pass	500k	37.56M	37.781M	37.86M	38.261M
5795MHz	Pass	500k	37.74M	37.901M	37.38M	38.321M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.8M	77.601M	82.44M	77.481M
5775MHz	Pass	500k	75.48M	77.361M	73.92M	78.801M

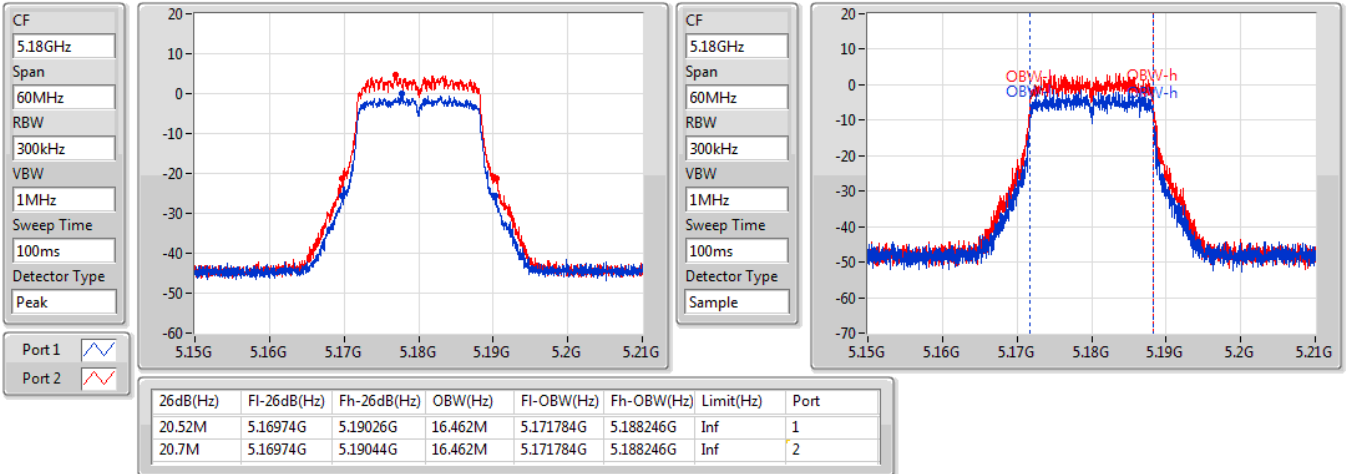
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

12/06/2021

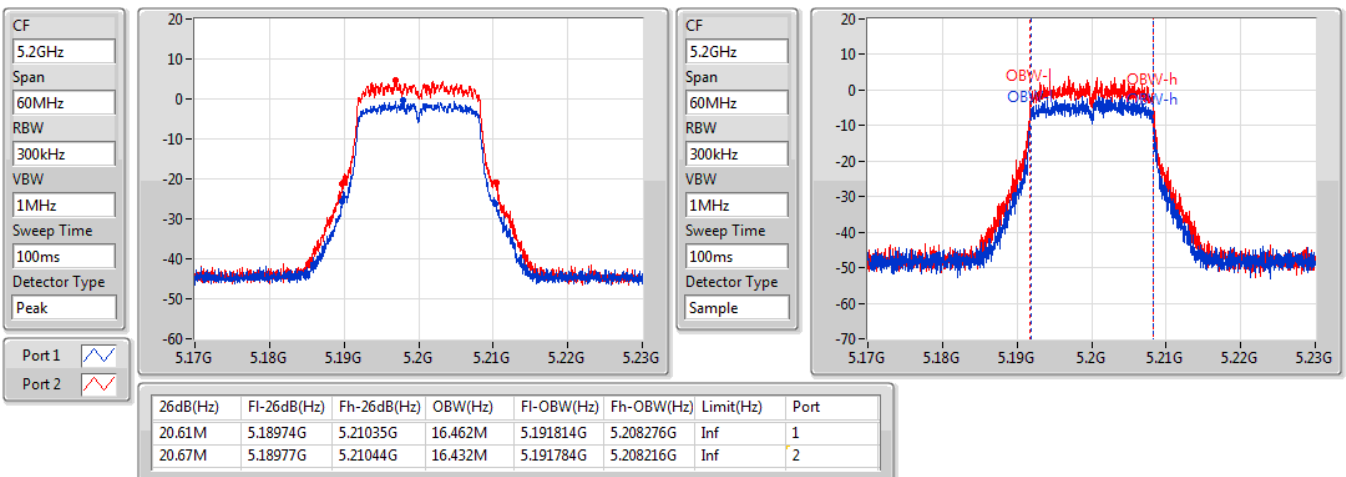


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

12/06/2021

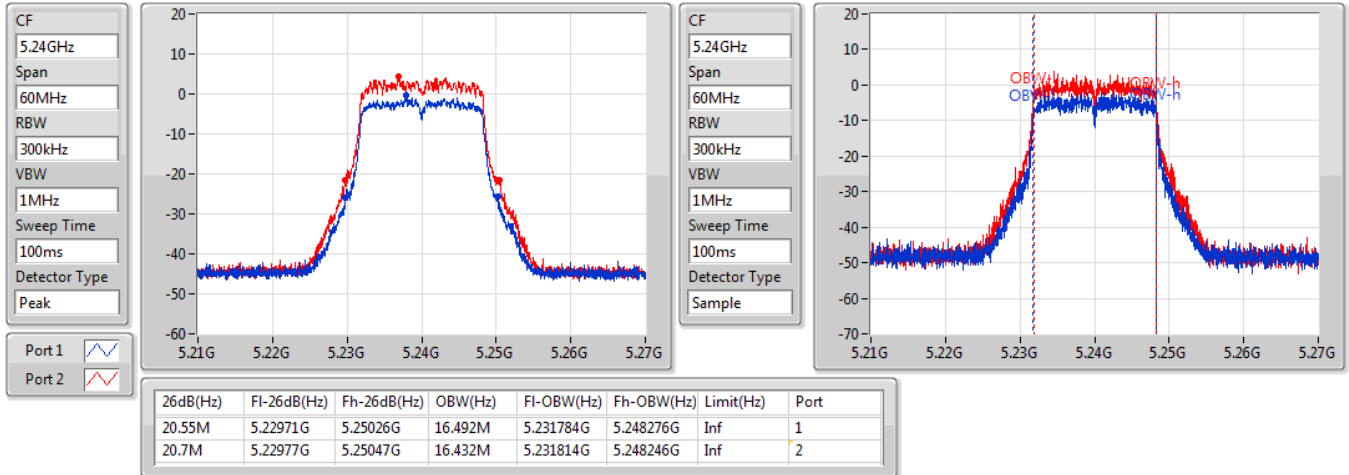


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

12/06/2021

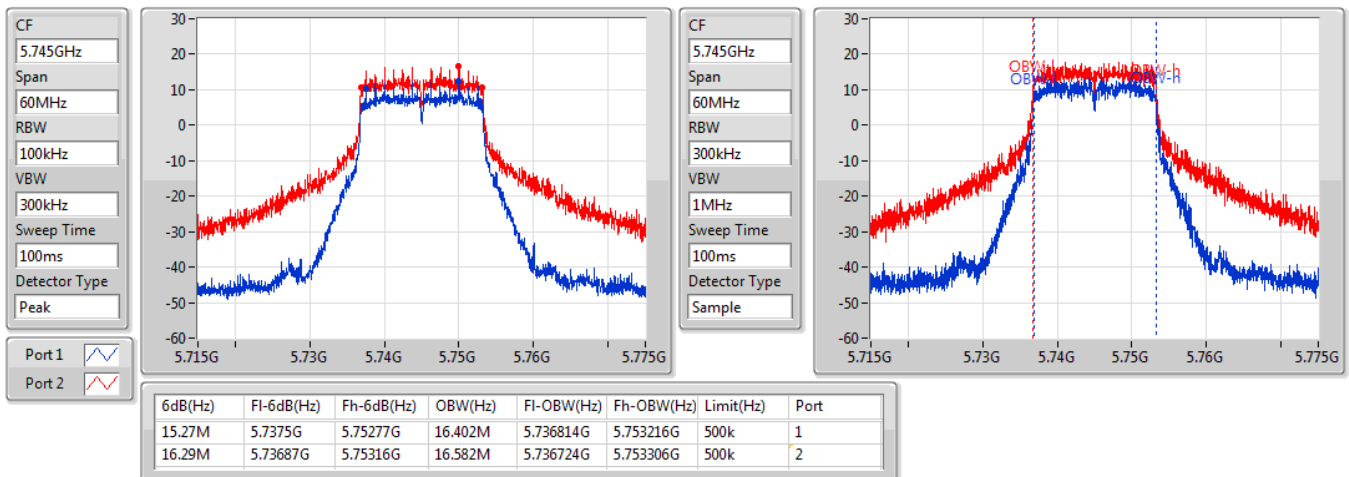


802.11a_Nss1,(6Mbps)_2TX

EBW

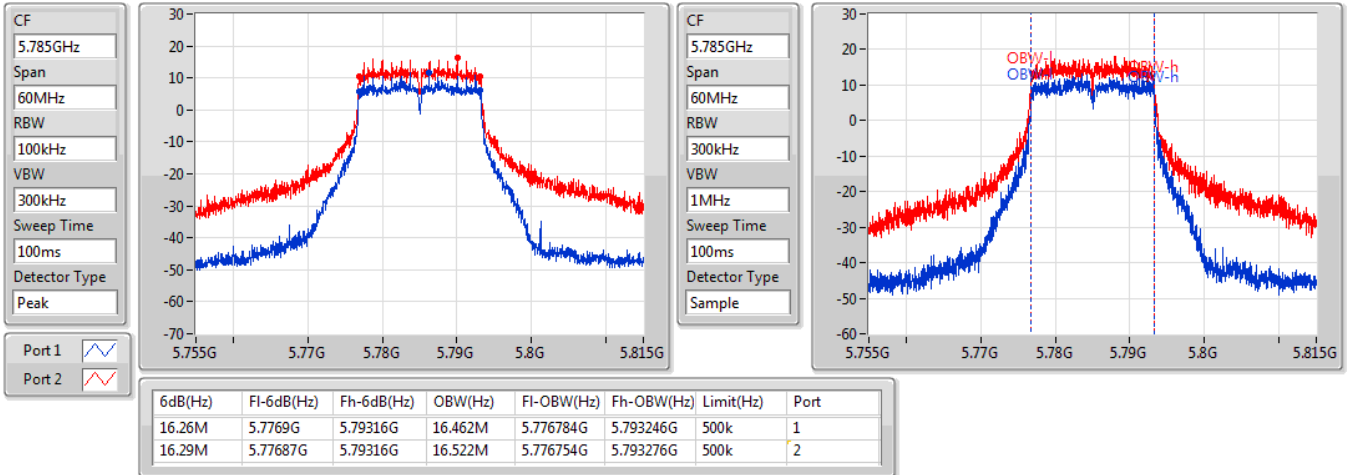
5745MHz

12/06/2021

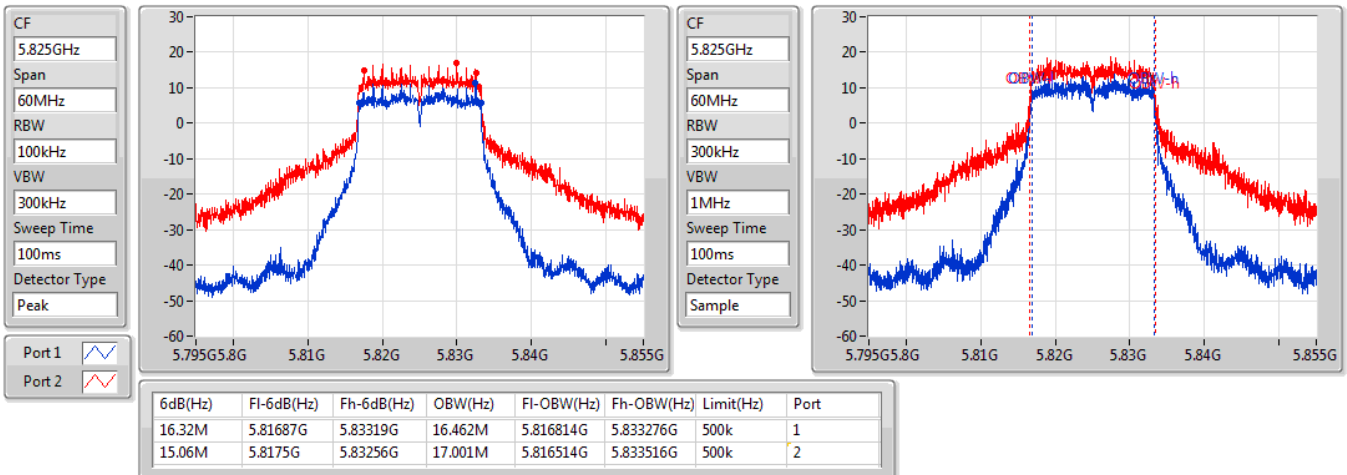


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

12/06/2021


802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

12/06/2021

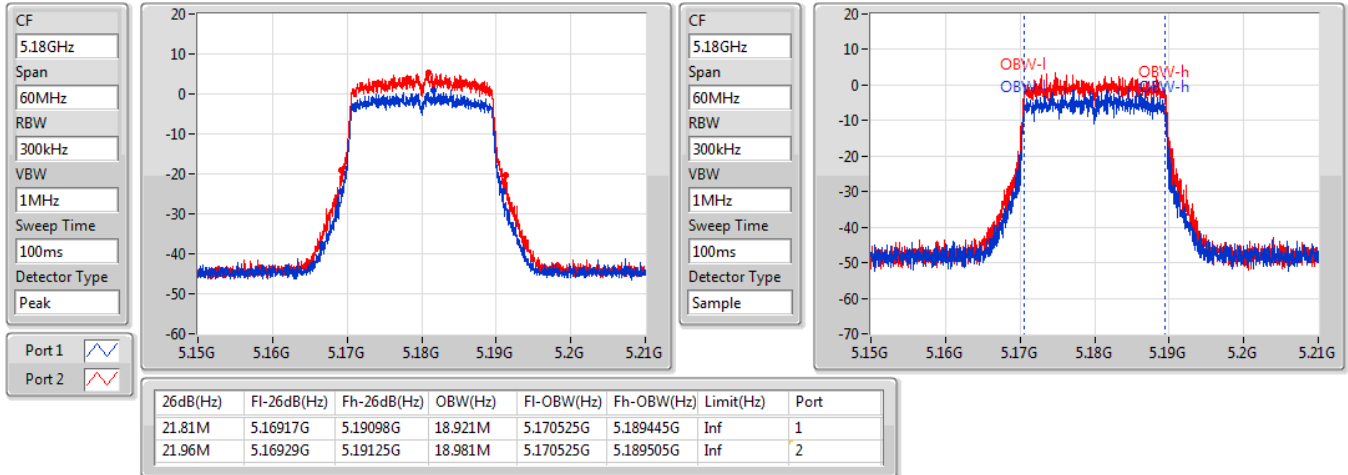


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

12/06/2021

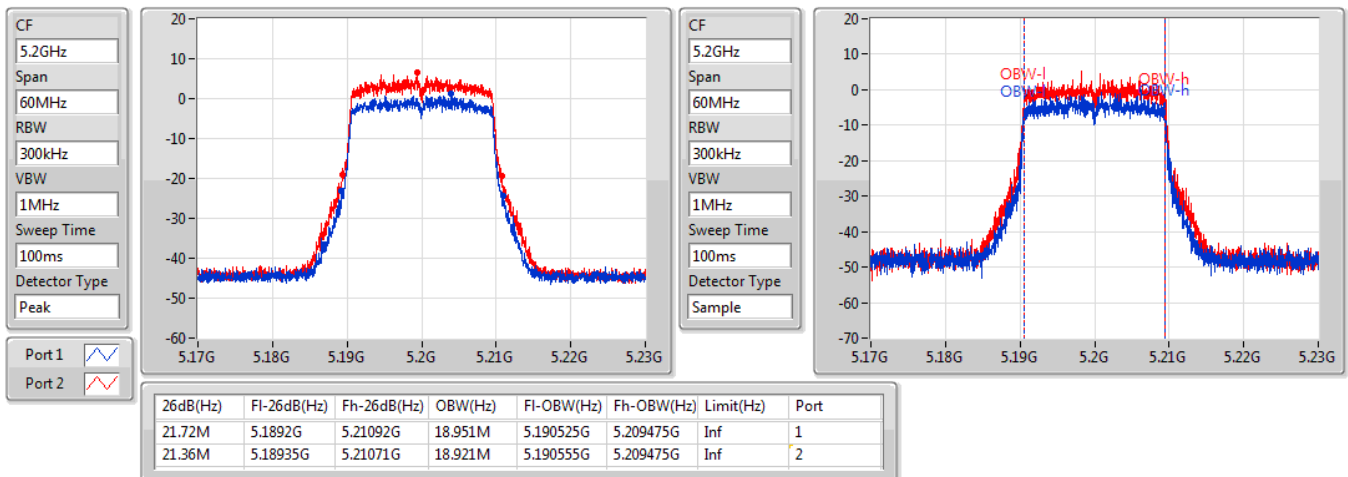


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

12/06/2021

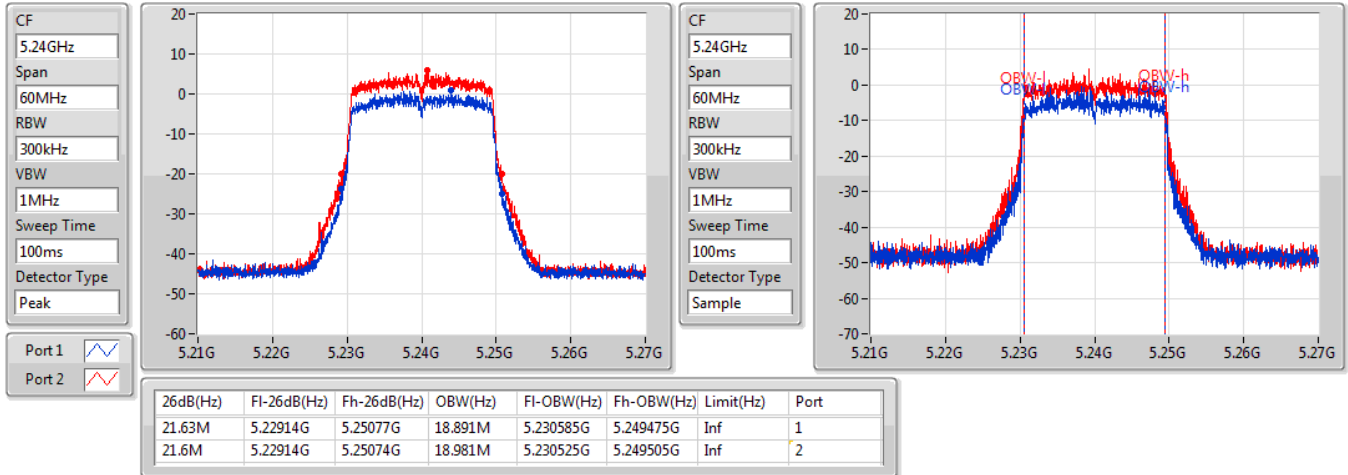


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

12/06/2021

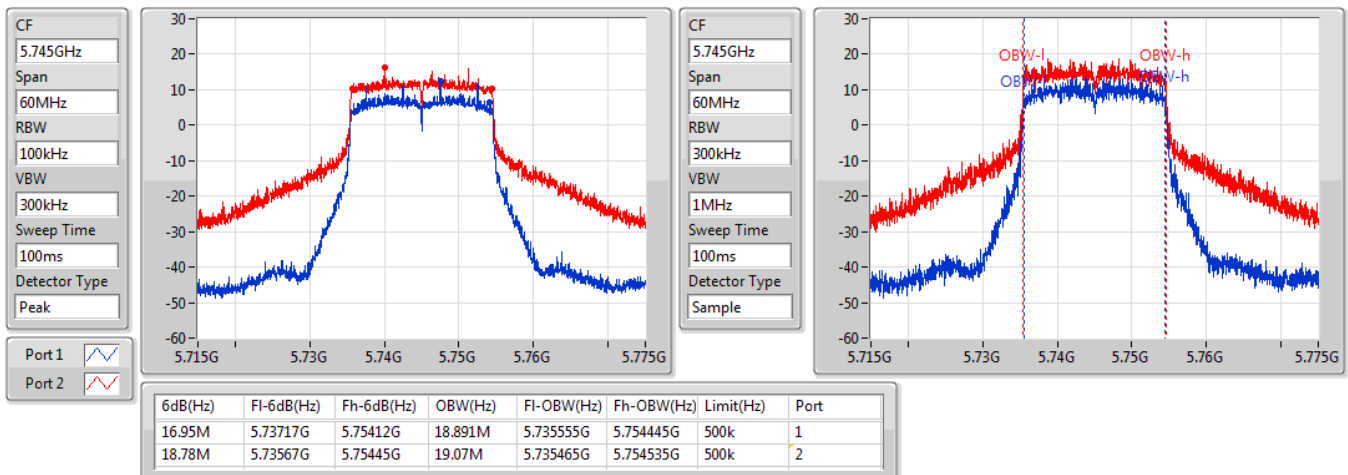


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

12/06/2021

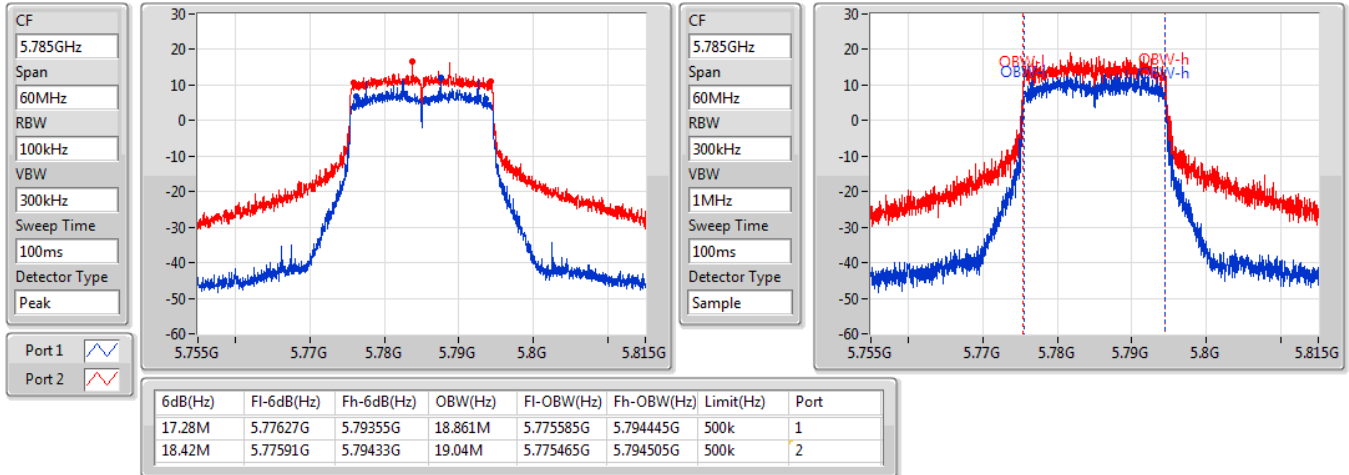


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

12/06/2021

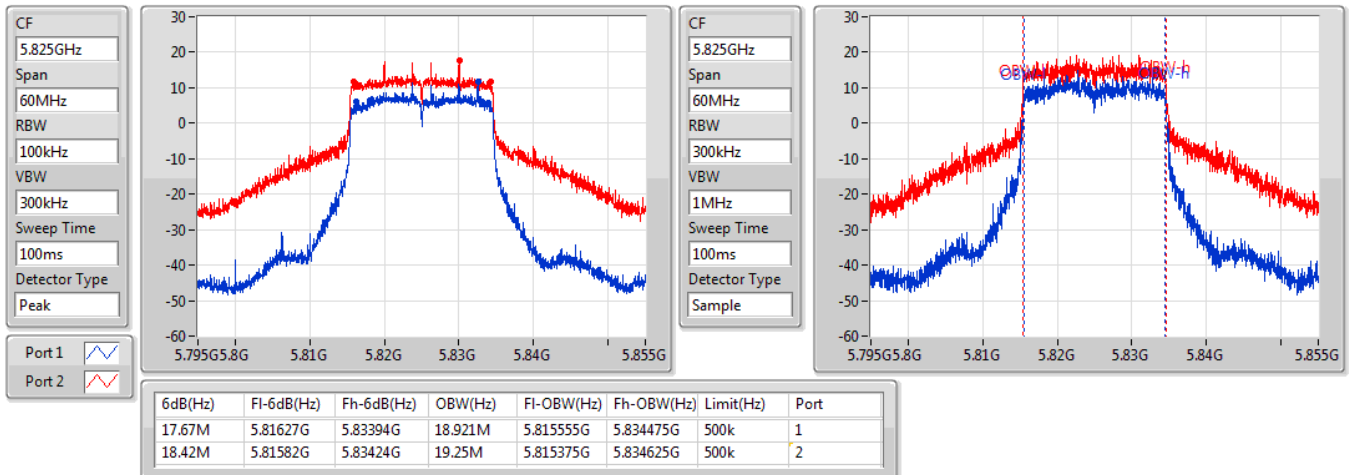


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

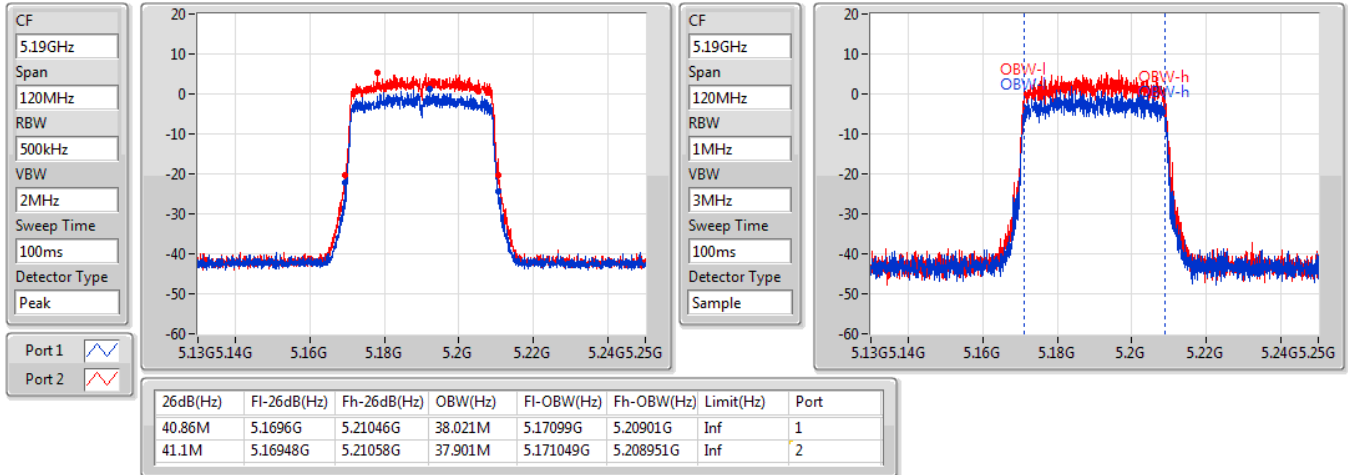
5825MHz

12/06/2021

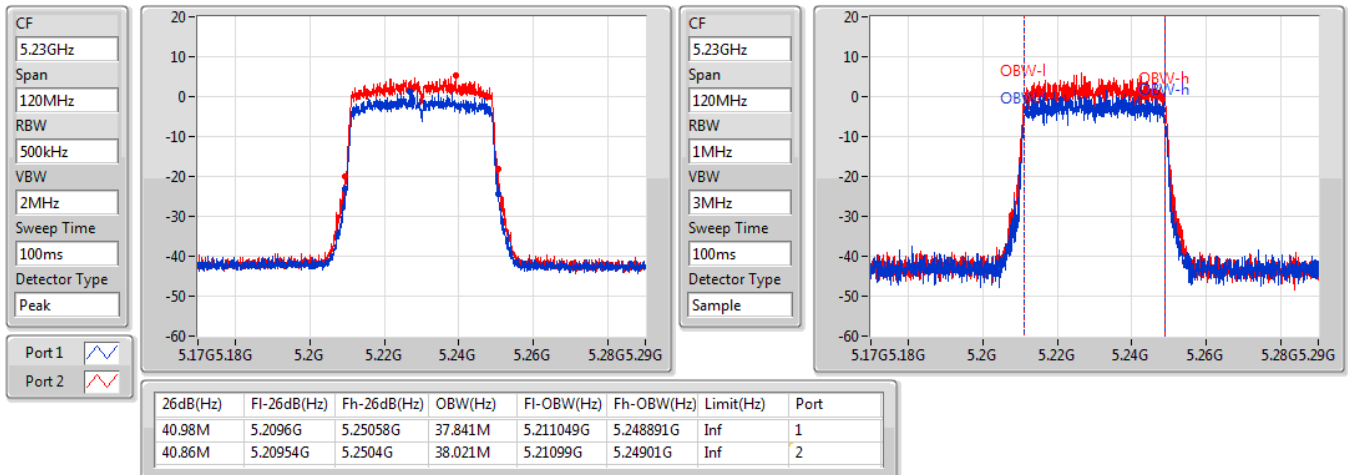


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

12/06/2021

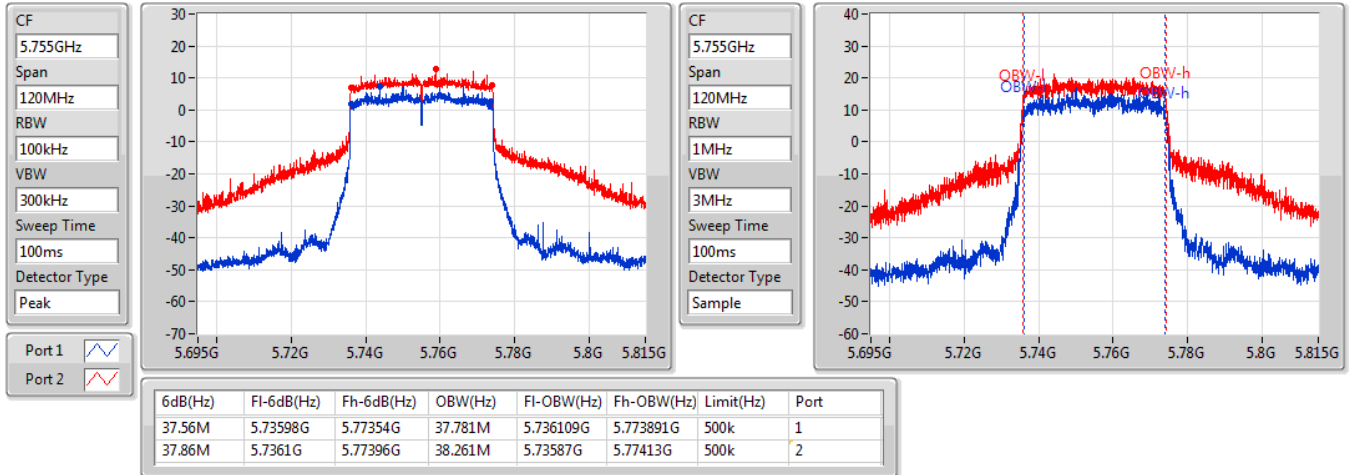

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

12/06/2021

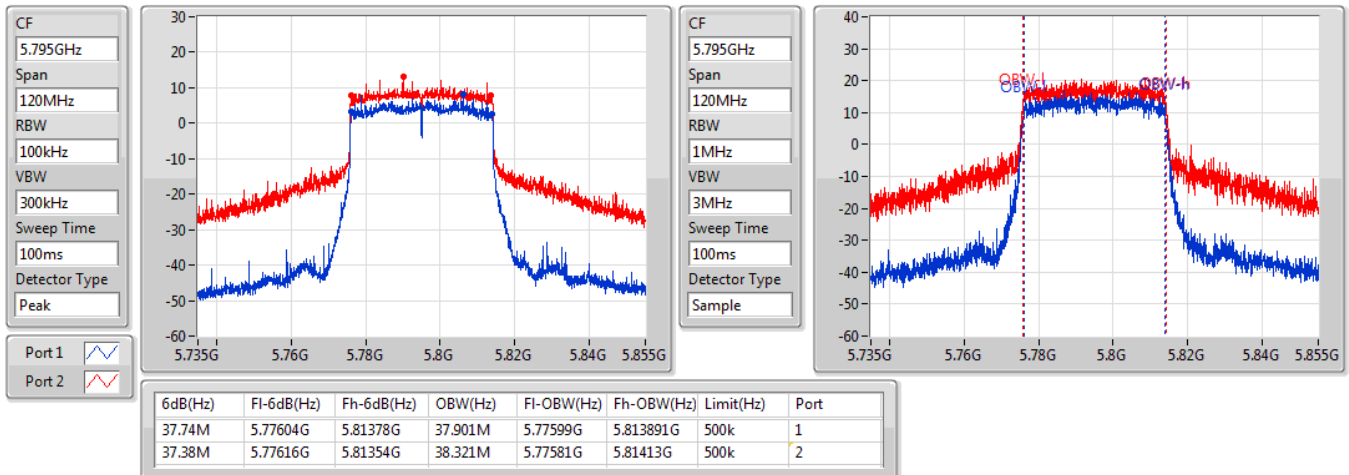


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5755MHz

12/06/2021

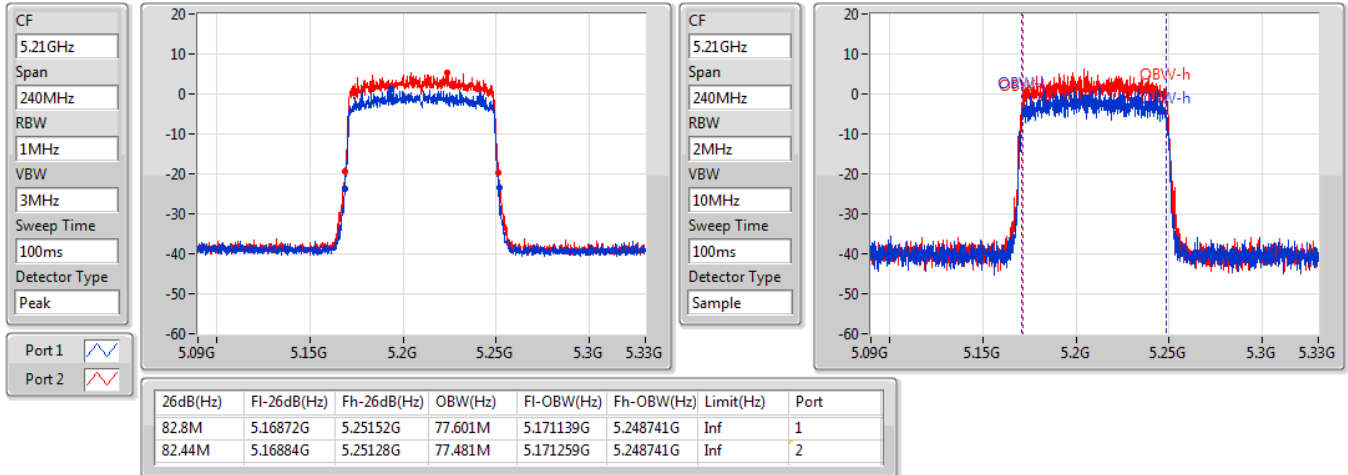

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5795MHz

12/06/2021

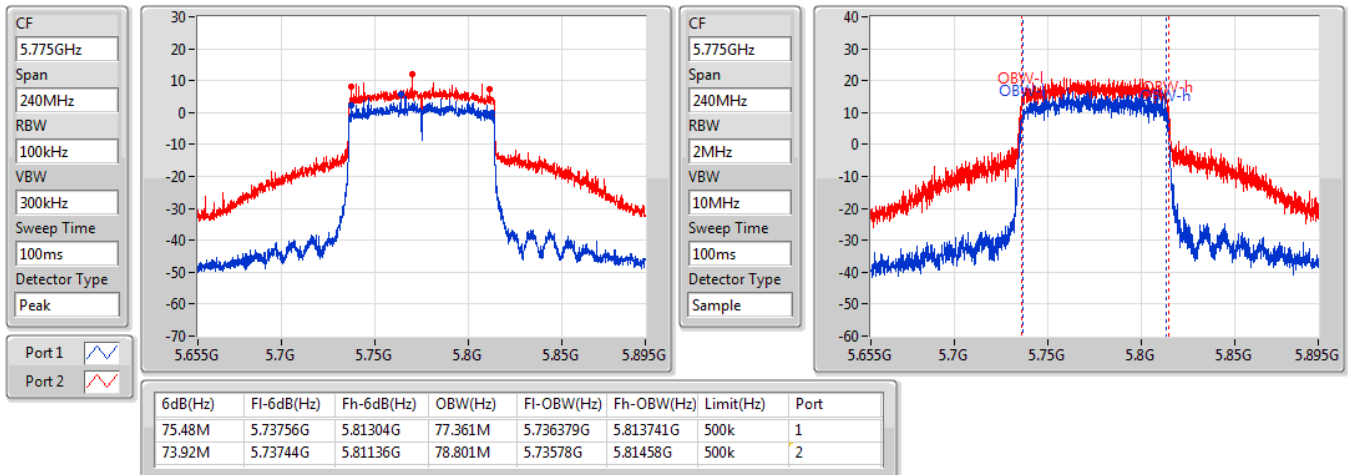


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

12/06/2021


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

12/06/2021



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	13.44	0.02208	20.44	0.11066
802.11ax HEW20_Nss1,(MCS0)_2TX	13.39	0.02183	20.39	0.10940
802.11ax HEW40_Nss1,(MCS0)_2TX	13.05	0.02018	20.05	0.10116
802.11ax HEW80_Nss1,(MCS0)_2TX	13.01	0.02000	20.01	0.10023
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	28.37	0.68707	35.37	3.44350
802.11ax HEW20_Nss1,(MCS0)_2TX	28.43	0.69663	35.43	3.49140
802.11ax HEW40_Nss1,(MCS0)_2TX	28.19	0.65917	35.19	3.30370
802.11ax HEW80_Nss1,(MCS0)_2TX	28.31	0.67764	35.31	3.39625

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	7.00	7.66	12.11	13.44	29.00	20.44	36.00
5200MHz	Pass	7.00	7.62	12.02	13.37	29.00	20.37	36.00
5240MHz	Pass	7.00	7.30	11.67	13.02	29.00	20.02	36.00
5745MHz	Pass	7.00	22.77	26.89	28.31	29.00	35.31	36.00
5785MHz	Pass	7.00	22.23	26.70	28.03	29.00	35.03	36.00
5825MHz	Pass	7.00	22.37	27.11	28.37	29.00	35.37	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.00	7.32	11.66	13.02	29.00	20.02	36.00
5200MHz	Pass	7.00	7.70	12.02	13.39	29.00	20.39	36.00
5240MHz	Pass	7.00	7.40	11.67	13.05	29.00	20.05	36.00
5745MHz	Pass	7.00	22.05	27.09	28.27	29.00	35.27	36.00
5785MHz	Pass	7.00	22.16	26.69	28.00	29.00	35.00	36.00
5825MHz	Pass	7.00	22.18	27.26	28.43	29.00	35.43	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.00	7.49	11.63	13.05	29.00	20.05	36.00
5230MHz	Pass	7.00	7.46	11.46	12.92	29.00	19.92	36.00
5755MHz	Pass	7.00	22.09	26.91	28.15	29.00	35.15	36.00
5795MHz	Pass	7.00	22.72	26.74	28.19	29.00	35.19	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.00	7.66	11.51	13.01	29.00	20.01	36.00
5775MHz	Pass	7.00	22.47	27.00	28.31	29.00	35.31	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	0.90	10.91
802.11ax HEW20_Nss1,(MCS0)_2TX	0.15	10.16
802.11ax HEW40_Nss1,(MCS0)_2TX	-2.99	7.02
802.11ax HEW80_Nss1,(MCS0)_2TX	-6.16	3.85
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.25	24.26
802.11ax HEW20_Nss1,(MCS0)_2TX	13.66	23.67
802.11ax HEW40_Nss1,(MCS0)_2TX	10.50	20.51
802.11ax HEW80_Nss1,(MCS0)_2TX	7.85	17.86

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	10.01	-4.82	-0.38	0.90	12.99	10.91	23.00
5200MHz	Pass	10.01	-4.98	-0.52	0.74	12.99	10.75	23.00
5240MHz	Pass	10.01	-5.04	-0.86	0.50	12.99	10.51	23.00
5745MHz	Pass	10.01	8.95	12.85	14.21	25.99	24.22	36.00
5785MHz	Pass	10.01	8.38	12.69	13.98	25.99	23.99	36.00
5825MHz	Pass	10.01	8.64	13.09	14.25	25.99	24.26	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.01	-5.66	-1.55	-0.20	12.99	9.81	23.00
5200MHz	Pass	10.01	-5.44	-1.20	0.15	12.99	10.16	23.00
5240MHz	Pass	10.01	-5.86	-1.53	-0.21	12.99	9.80	23.00
5745MHz	Pass	10.01	7.61	12.20	13.43	25.99	23.44	36.00
5785MHz	Pass	10.01	7.58	11.85	13.14	25.99	23.15	36.00
5825MHz	Pass	10.01	7.68	12.40	13.66	25.99	23.67	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.01	-8.61	-4.36	-2.99	12.99	7.02	23.00
5230MHz	Pass	10.01	-8.57	-4.87	-3.36	12.99	6.65	23.00
5755MHz	Pass	10.01	4.71	9.26	10.42	25.99	20.43	36.00
5795MHz	Pass	10.01	5.46	8.96	10.50	25.99	20.51	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.01	-11.43	-7.62	-6.16	12.99	3.85	23.00
5775MHz	Pass	10.01	2.31	6.57	7.85	25.99	17.86	36.00

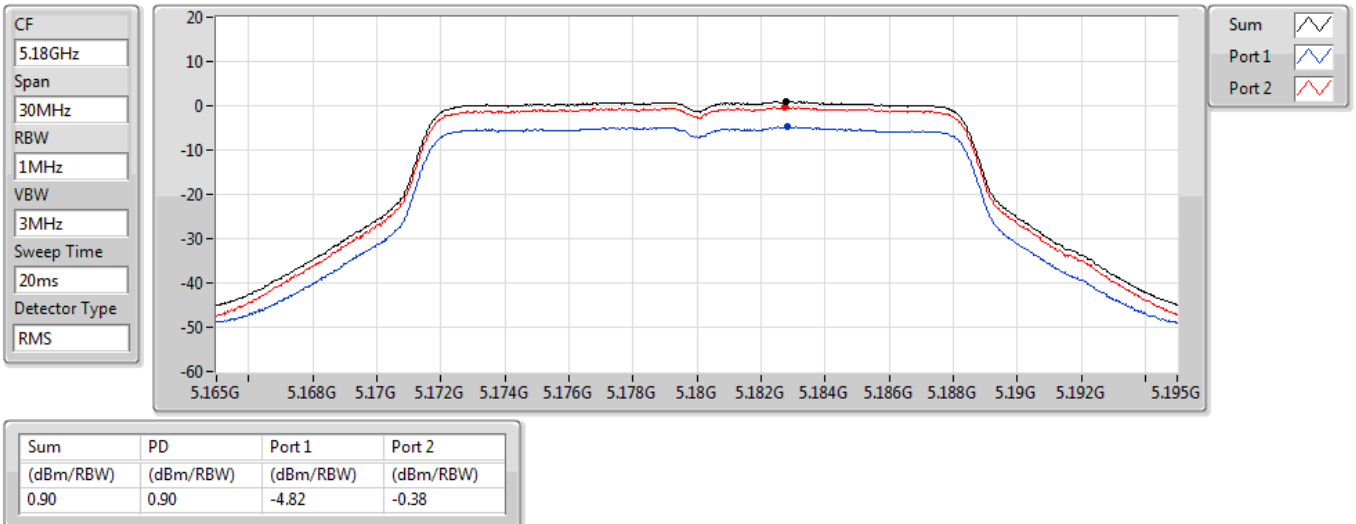
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

12/06/2021

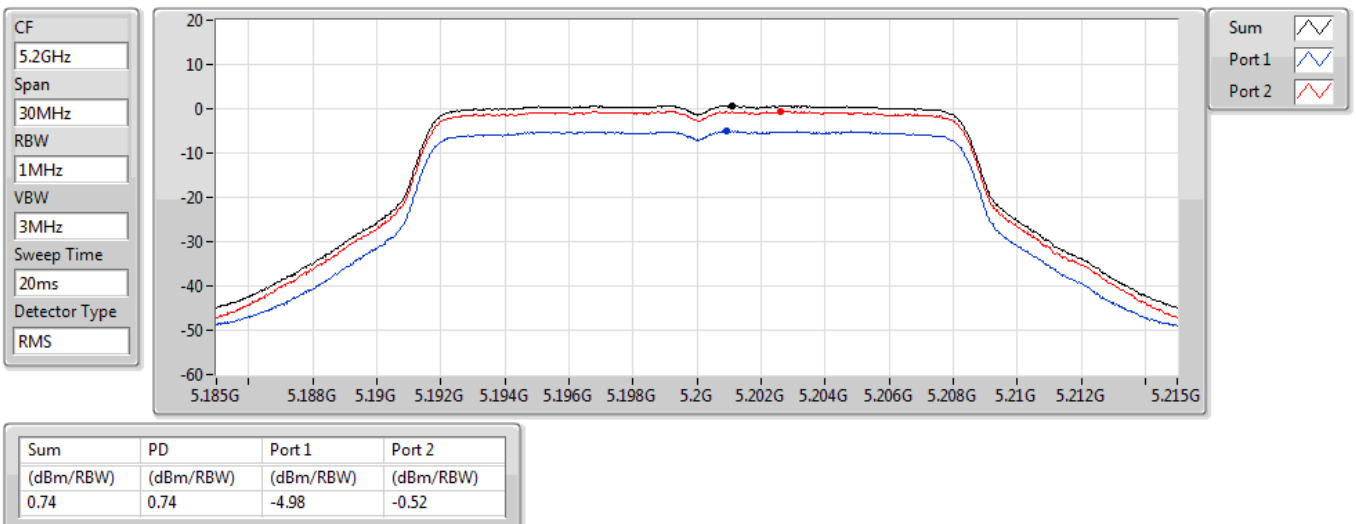


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

12/06/2021

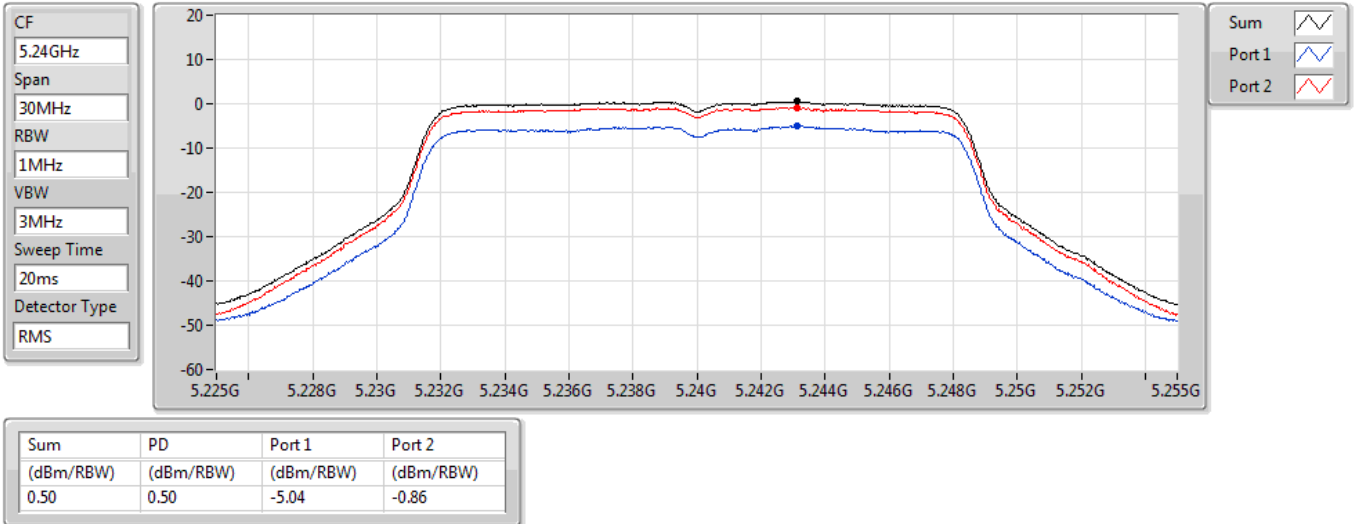


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

12/06/2021

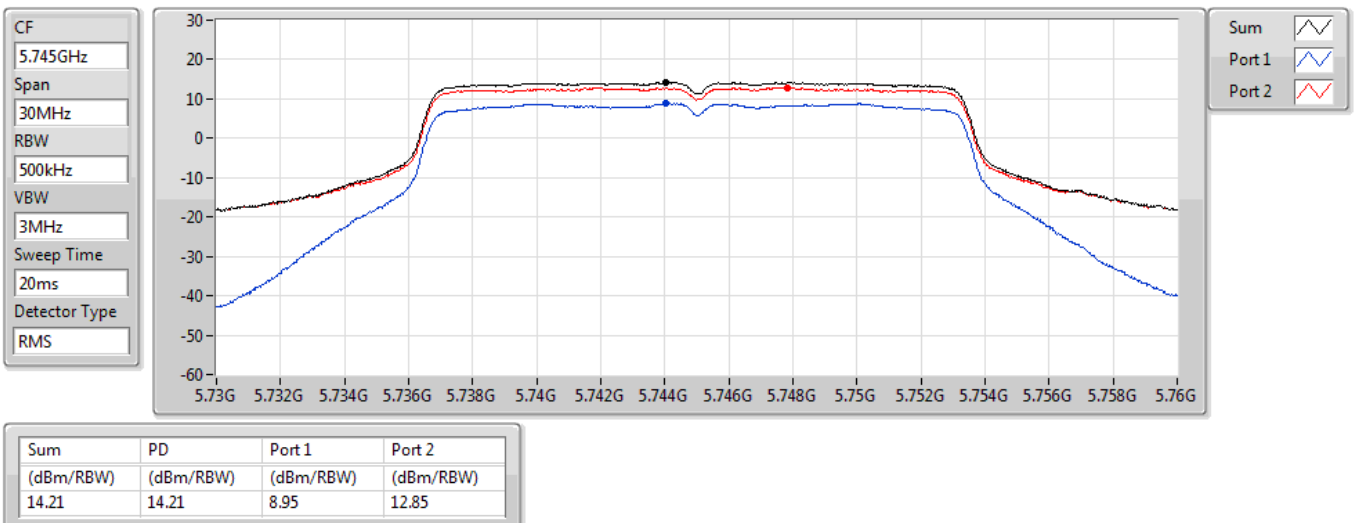


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

12/06/2021

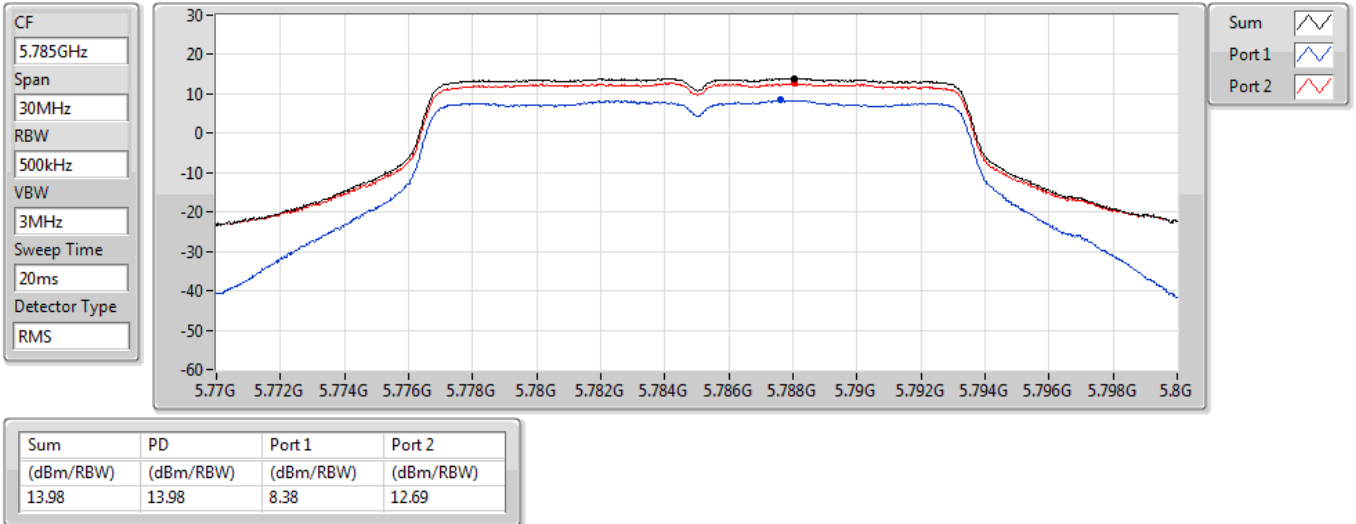


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

12/06/2021

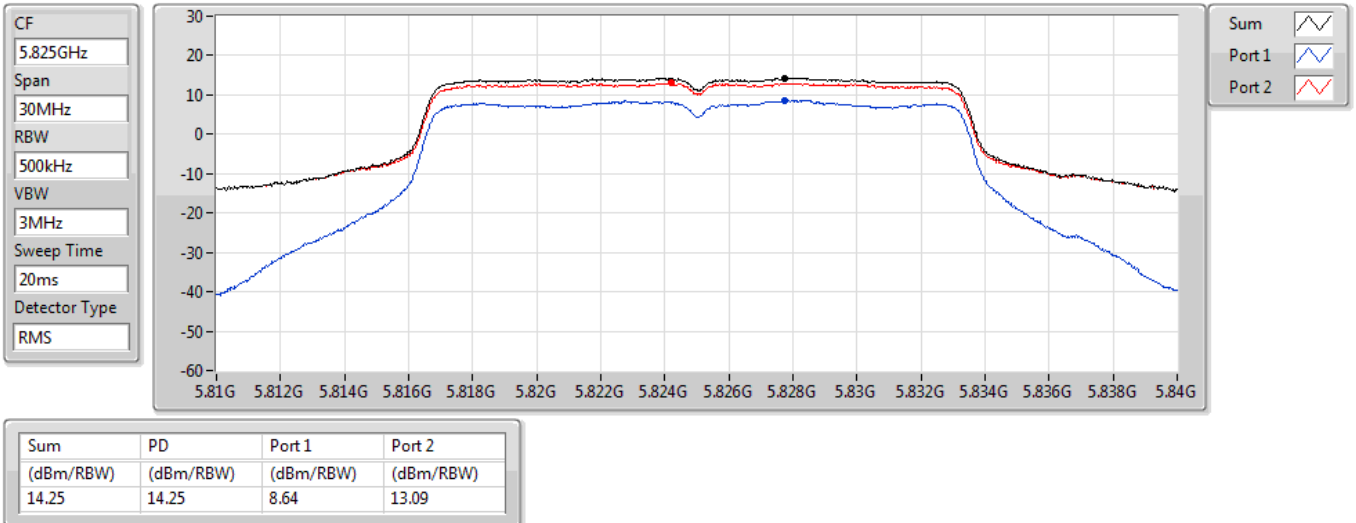


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

12/06/2021

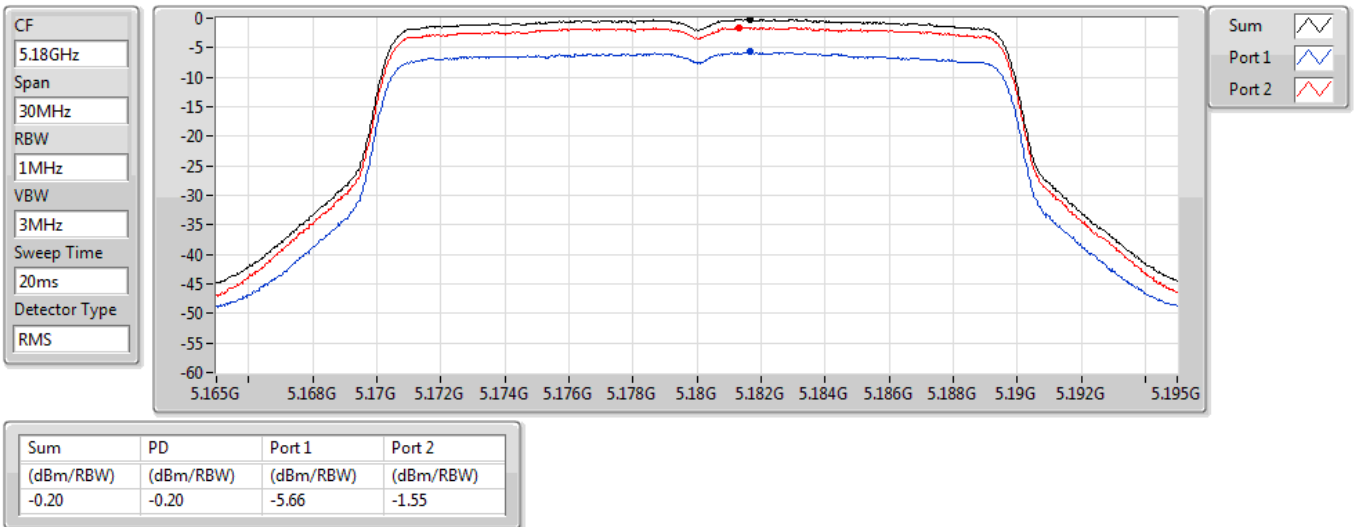


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

12/06/2021

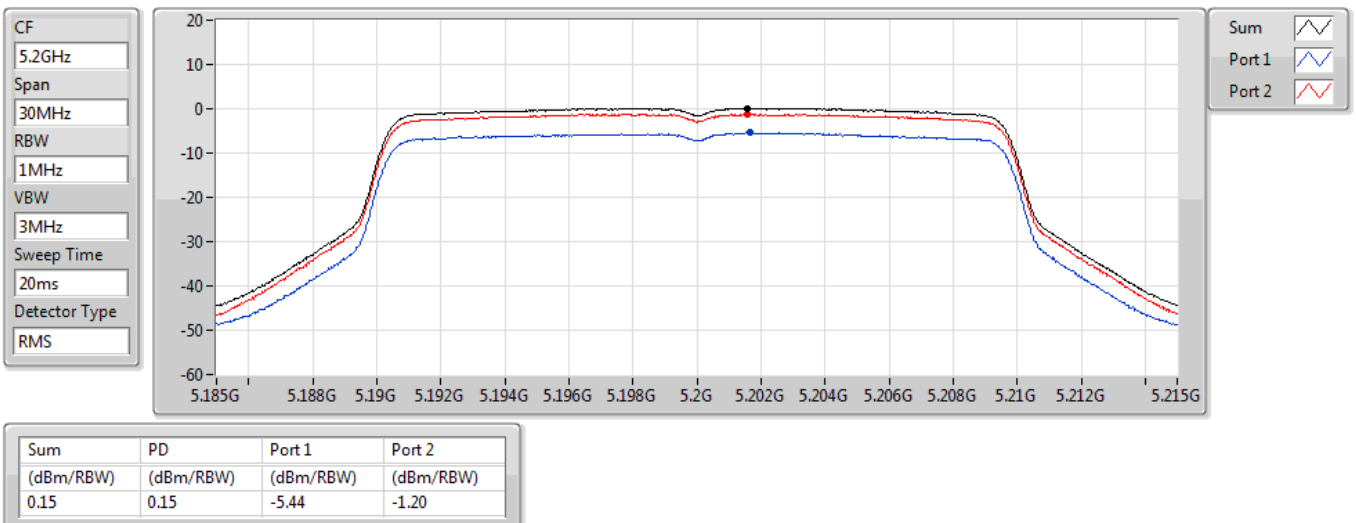


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

12/06/2021

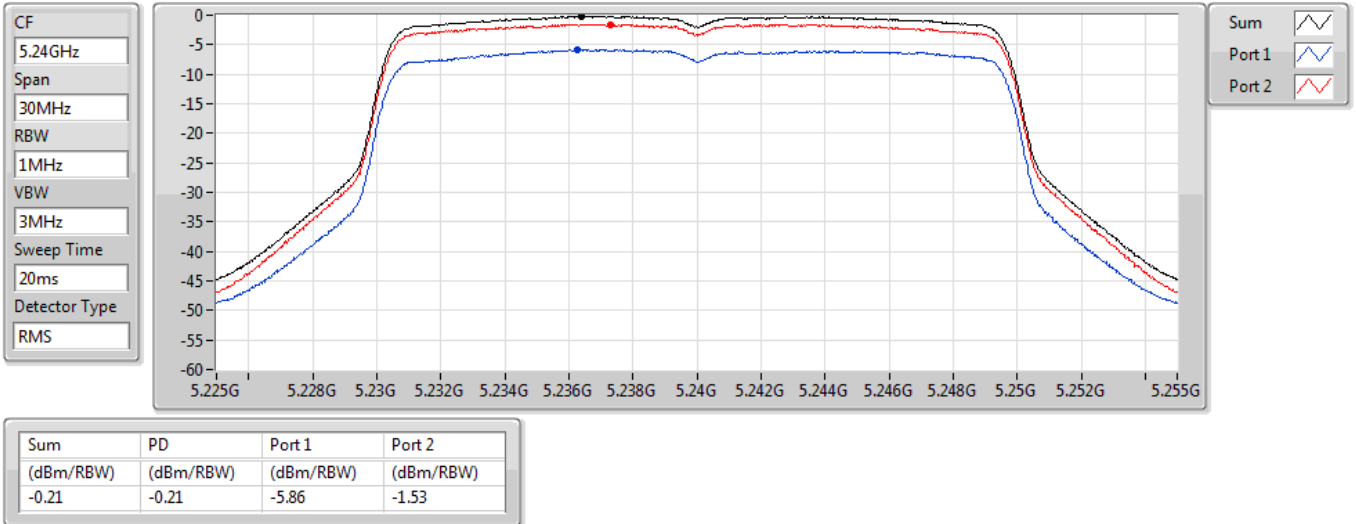


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

12/06/2021

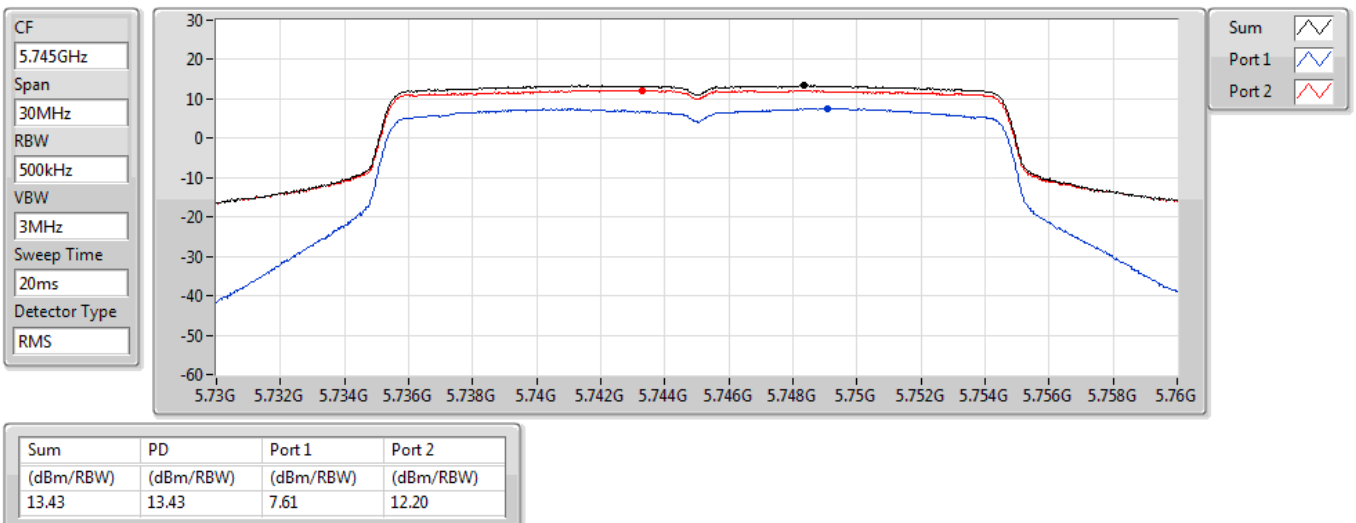


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

12/06/2021

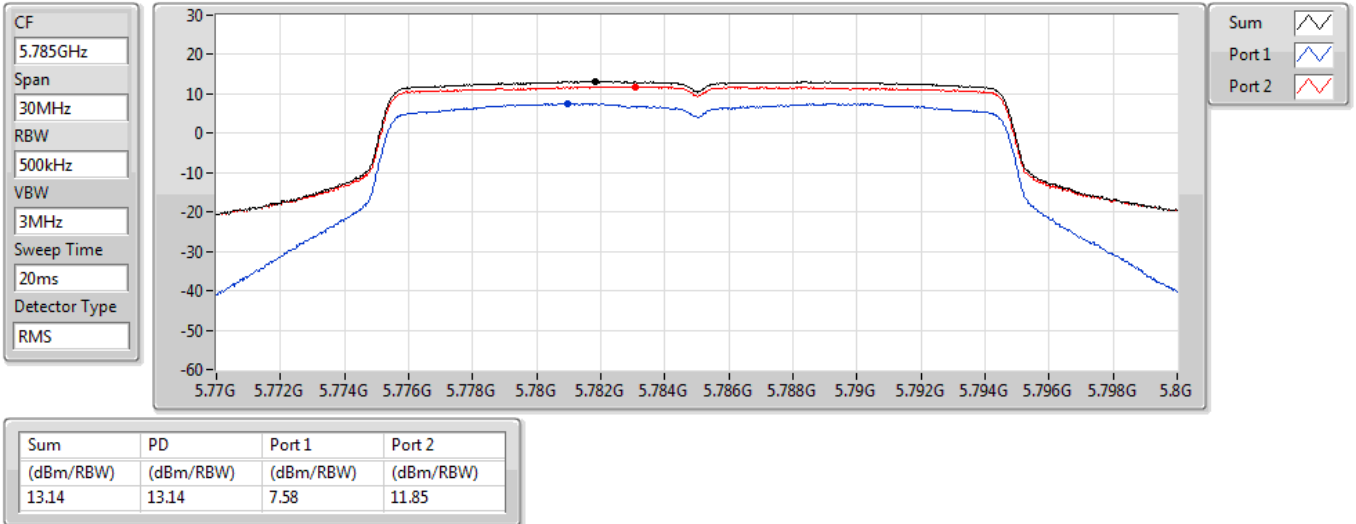


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

12/06/2021

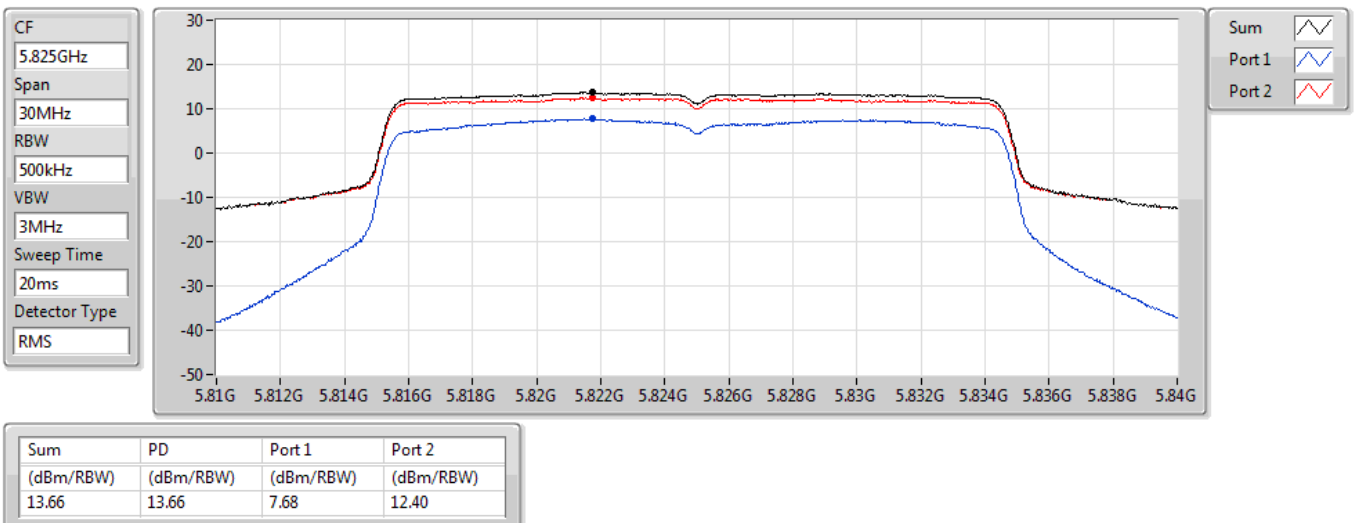


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

12/06/2021

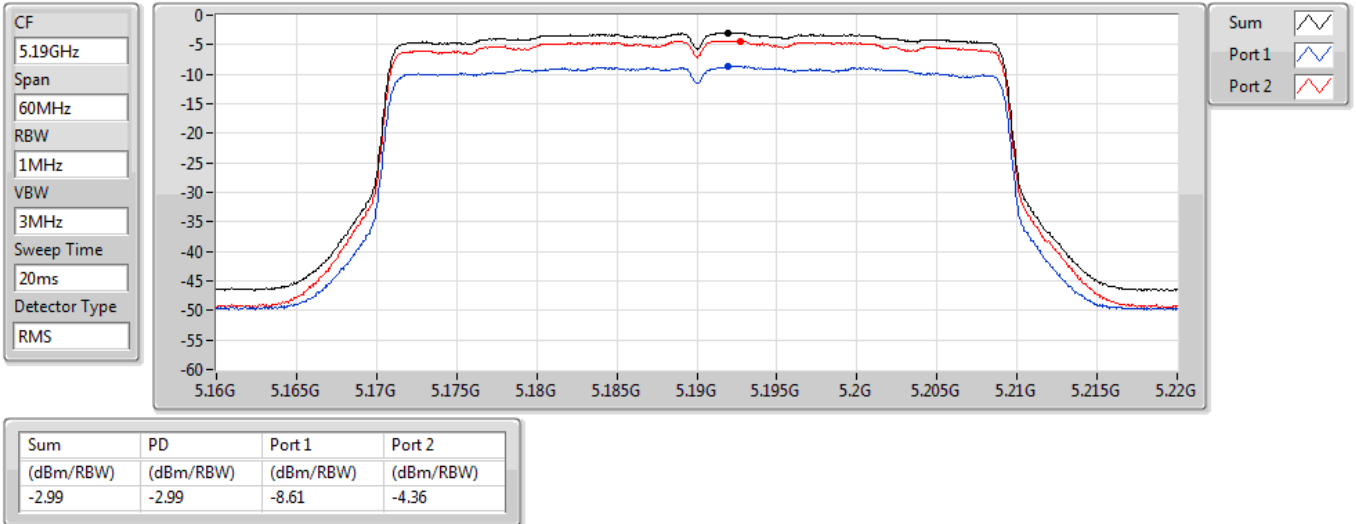


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

12/06/2021

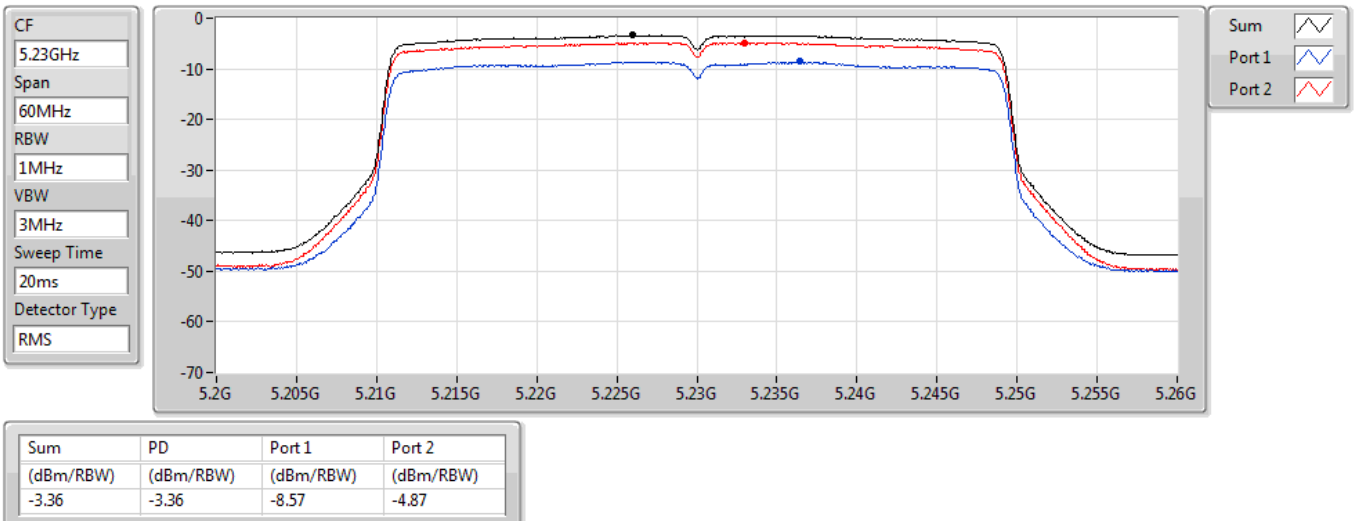


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

12/06/2021

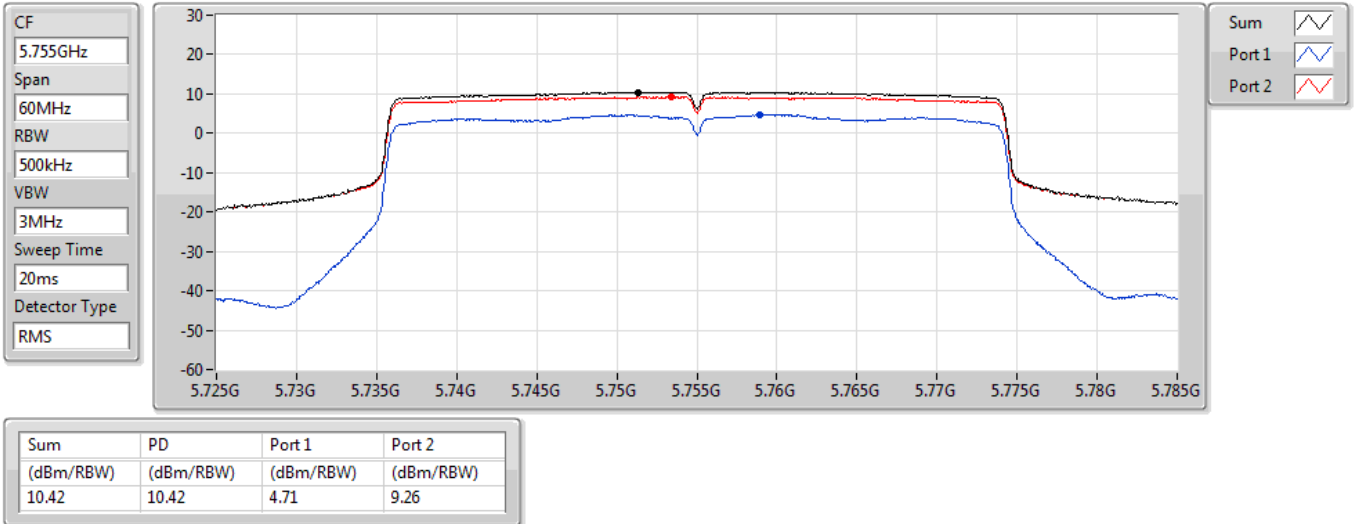


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

12/06/2021

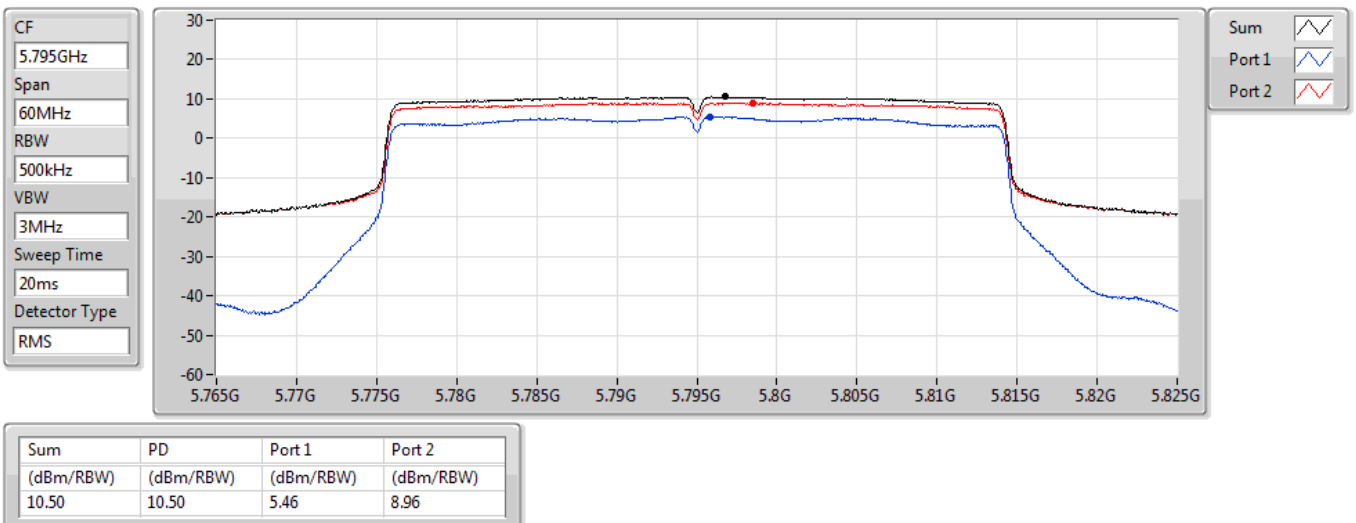


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

12/06/2021

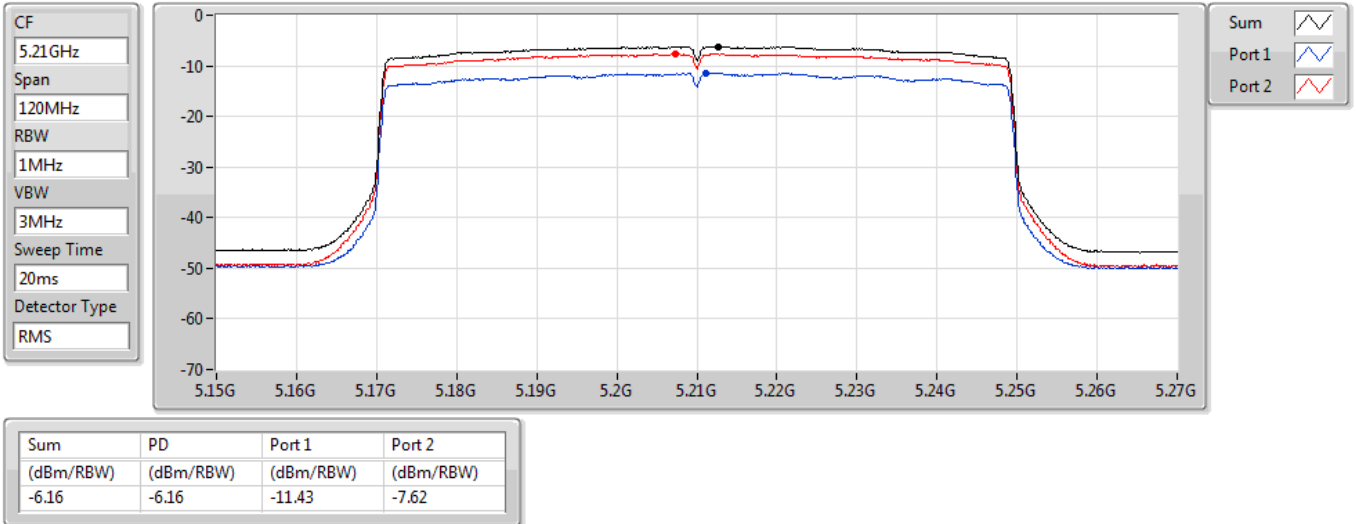


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

12/06/2021

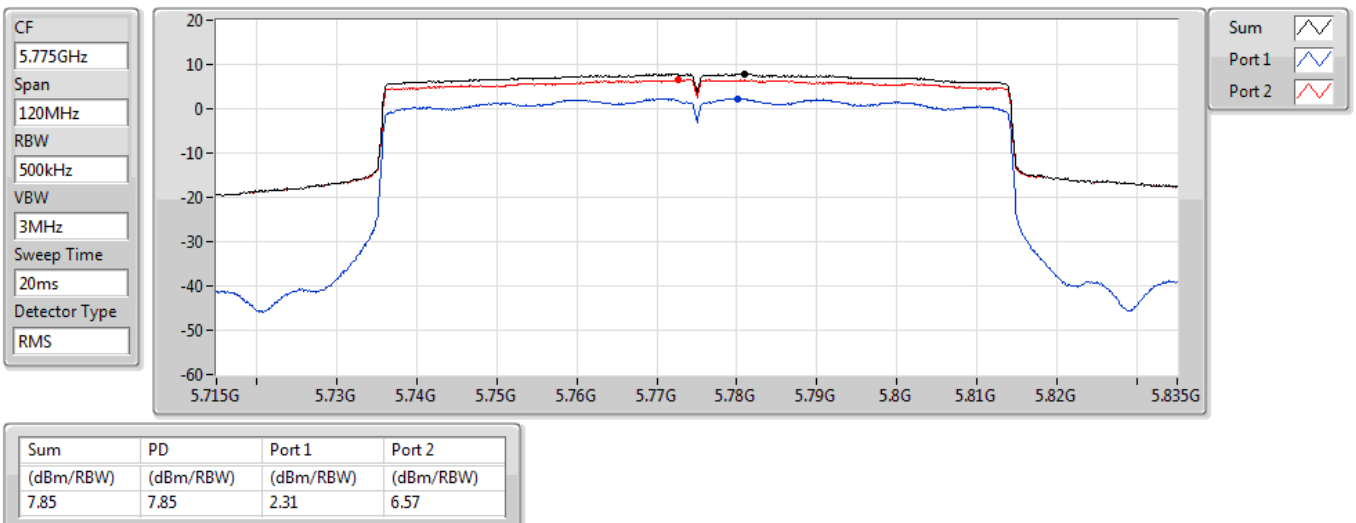


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

12/06/2021





Summary

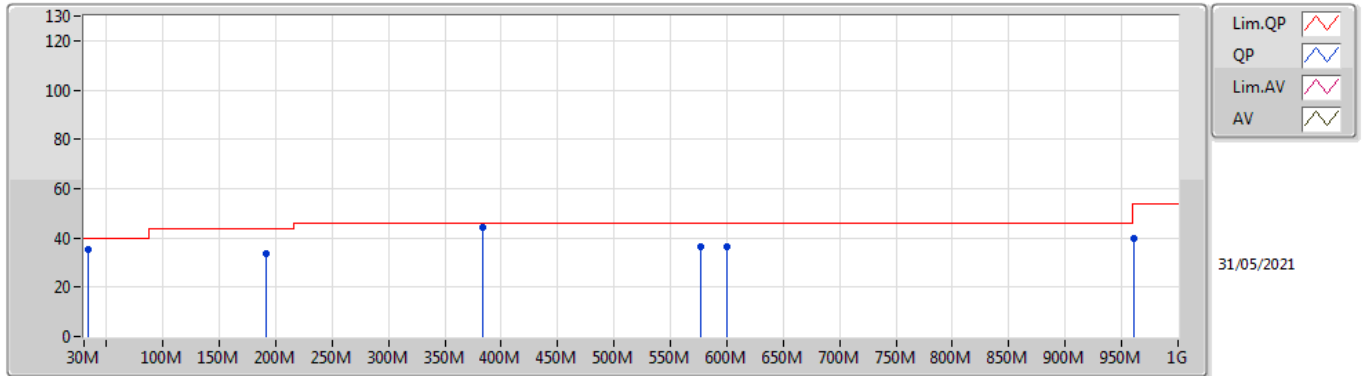
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	QP	383.08M	44.62	46.00	-1.38	3	Horizontal	173	1.75	-

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	33.88M	35.04	40.00	-4.96	3	Vertical	360	1.00	-
5775MHz	Pass	PK	191.02M	33.77	43.50	-9.73	3	Vertical	360	1.00	-
5775MHz	Pass	PK	577.08M	36.45	46.00	-9.55	3	Vertical	360	1.00	-
5775MHz	Pass	PK	600.36M	36.35	46.00	-9.65	3	Vertical	360	1.00	-
5775MHz	Pass	PK	961.2M	39.97	54.00	-14.03	3	Vertical	360	1.00	-
5775MHz	Pass	QP	383.08M	44.51	46.00	-1.49	3	Vertical	105	1.00	-
5775MHz	Pass	PK	49.4M	33.67	40.00	-6.33	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	191.02M	38.06	43.50	-5.44	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	577.08M	42.79	46.00	-3.21	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	745.86M	35.33	46.00	-10.67	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	961.2M	40.11	54.00	-13.89	3	Horizontal	0	1.00	-
5775MHz	Pass	QP	383.08M	44.62	46.00	-1.38	3	Horizontal	173	1.75	-

802.11ax HEW80_Nss1,(MCS0)_2TX

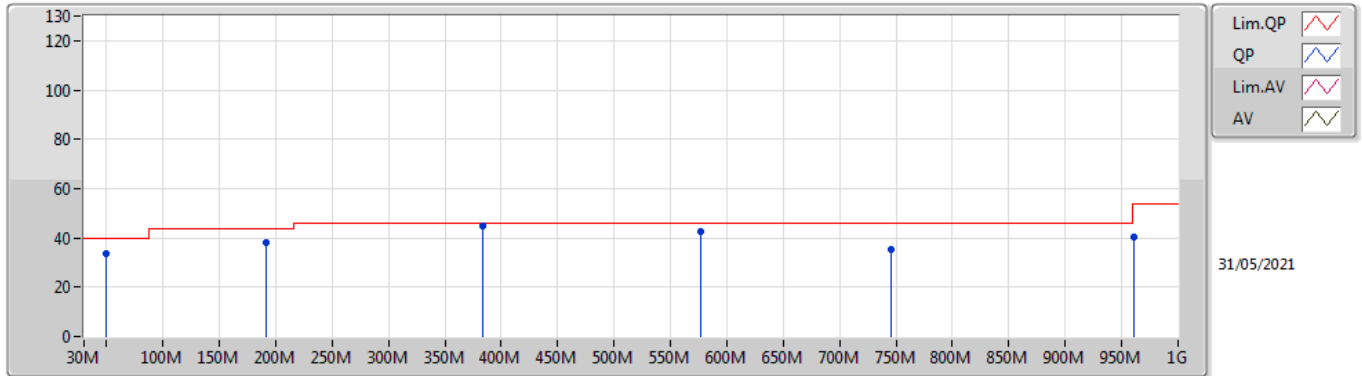
5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	35.04	40.00	-4.96	-4.80	3	Vertical	360	1.00	-	39.84	21.26	0.90	26.96
PK	191.02M	33.77	43.50	-9.73	-11.16	3	Vertical	360	1.00	-	44.93	14.28	1.92	27.36
PK	577.08M	36.45	46.00	-9.55	-1.04	3	Vertical	360	1.00	-	37.49	24.01	3.29	28.34
PK	600.36M	36.35	46.00	-9.65	-0.98	3	Vertical	360	1.00	-	37.33	23.97	3.37	28.32
PK	961.2M	39.97	54.00	-14.03	3.13	3	Vertical	360	1.00	-	36.84	26.13	4.21	27.21
QP	383.08M	44.51	46.00	-1.49	-4.63	3	Vertical	105	1.00	-	49.14	20.28	2.68	27.59

802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_PoE



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	49.4M	33.67	40.00	-6.33	-13.23	3	Horizontal	0	1.00	-	46.90	13.40	1.06	27.69
PK	191.02M	38.06	43.50	-5.44	-11.16	3	Horizontal	0	1.00	-	49.22	14.28	1.92	27.36
PK	577.08M	42.79	46.00	-3.21	-1.04	3	Horizontal	0	1.00	-	43.83	24.01	3.29	28.34
PK	745.86M	35.33	46.00	-10.67	0.58	3	Horizontal	0	1.00	-	34.75	24.90	3.69	28.01
PK	961.2M	40.11	54.00	-13.89	3.13	3	Horizontal	0	1.00	-	36.98	26.13	4.21	27.21
QP	383.08M	44.62	46.00	-1.38	-4.63	3	Horizontal	173	1.75	-	49.25	20.28	2.68	27.59

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1446G	53.90	54.00	-0.10	3	Vertical	55	1.64	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	15.7194G	53.68	54.00	-0.32	3	Horizontal	244	1.55	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1498G	52.57	54.00	-1.43	3	Vertical	143	1.50	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	AV	5.148G	52.98	54.00	-1.02	3	Vertical	141	1.82	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	17.46952G	66.64	68.20	-1.56	3	Horizontal	289	1.60	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	PK	17.4779G	66.54	68.20	-1.66	3	Horizontal	290	1.50	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.9282G	67.76	68.20	-0.44	3	Vertical	308	1.00	-
802.11ax HEW80_Nss1,(MCS0)_2TX	Pass	PK	5.6466G	67.92	68.20	-0.28	3	Vertical	321	1.50	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.20	54.00	-0.80	3	Vertical	324	1.89	-
5180MHz	Pass	AV	5.1788G	112.88	Inf	-Inf	3	Vertical	324	1.89	-
5180MHz	Pass	PK	5.1494G	65.60	74.00	-8.40	3	Vertical	324	1.89	-
5180MHz	Pass	PK	5.1746G	121.73	Inf	-Inf	3	Vertical	324	1.89	-
5180MHz	Pass	AV	5.1488G	47.27	54.00	-6.73	3	Horizontal	147	1.54	-
5180MHz	Pass	AV	5.177G	99.26	Inf	-Inf	3	Horizontal	147	1.54	-
5180MHz	Pass	PK	5.1482G	58.93	74.00	-15.07	3	Horizontal	147	1.54	-
5180MHz	Pass	PK	5.1818G	108.58	Inf	-Inf	3	Horizontal	147	1.54	-
5180MHz	Pass	AV	15.55896G	45.64	54.00	-8.36	3	Vertical	289	1.61	-
5180MHz	Pass	AV	20.71976G	36.84	54.00	-17.16	3	Vertical	13	1.97	-
5180MHz	Pass	PK	10.36968G	55.38	68.20	-12.82	3	Vertical	32	2.26	-
5180MHz	Pass	PK	15.54816G	57.63	74.00	-16.37	3	Vertical	289	1.61	-
5180MHz	Pass	PK	20.72244G	47.50	74.00	-26.50	3	Vertical	13	1.97	-
5180MHz	Pass	AV	15.54104G	45.59	54.00	-8.41	3	Horizontal	78	2.23	-
5180MHz	Pass	AV	20.7197G	37.73	54.00	-16.27	3	Horizontal	84	2.03	-
5180MHz	Pass	PK	10.35272G	56.04	68.20	-12.16	3	Horizontal	196	1.72	-
5180MHz	Pass	PK	15.54824G	57.71	74.00	-16.29	3	Horizontal	78	2.23	-
5180MHz	Pass	PK	20.7198G	47.12	74.00	-26.88	3	Horizontal	84	2.03	-
5200MHz	Pass	AV	5.1496G	53.39	54.00	-0.61	3	Vertical	323	1.86	-
5200MHz	Pass	AV	5.1994G	115.73	Inf	-Inf	3	Vertical	323	1.86	-
5200MHz	Pass	AV	5.35G	48.17	54.00	-5.83	3	Vertical	323	1.86	-
5200MHz	Pass	PK	5.1484G	66.92	74.00	-7.08	3	Vertical	323	1.86	-
5200MHz	Pass	PK	5.1994G	124.29	Inf	-Inf	3	Vertical	323	1.86	-
5200MHz	Pass	PK	5.35G	59.31	74.00	-14.69	3	Vertical	323	1.86	-
5200MHz	Pass	AV	5.15G	48.83	54.00	-5.17	3	Horizontal	44	1.39	-
5200MHz	Pass	AV	5.2006G	102.59	Inf	-Inf	3	Horizontal	44	1.39	-
5200MHz	Pass	AV	5.35G	46.15	54.00	-7.85	3	Horizontal	44	1.39	-
5200MHz	Pass	PK	5.1496G	59.78	74.00	-14.22	3	Horizontal	44	1.39	-
5200MHz	Pass	PK	5.1964G	112.00	Inf	-Inf	3	Horizontal	44	1.39	-
5200MHz	Pass	PK	5.35G	56.81	74.00	-17.19	3	Horizontal	44	1.39	-
5200MHz	Pass	AV	15.5759G	46.76	54.00	-7.24	3	Vertical	0	2.98	-
5200MHz	Pass	AV	20.8G	43.78	54.00	-10.22	3	Vertical	18	1.94	-
5200MHz	Pass	PK	10.41144G	56.41	68.20	-11.79	3	Vertical	292	1.24	-
5200MHz	Pass	PK	15.5944G	58.70	74.00	-15.30	3	Vertical	0	2.98	-
5200MHz	Pass	PK	20.7941G	55.43	74.00	-18.57	3	Vertical	18	1.94	-
5200MHz	Pass	AV	15.5991G	50.61	54.00	-3.39	3	Horizontal	48	1.50	-
5200MHz	Pass	AV	20.7998G	41.63	54.00	-12.37	3	Horizontal	71	2.11	-
5200MHz	Pass	PK	10.4171G	56.35	68.20	-11.85	3	Horizontal	84	3.00	-
5200MHz	Pass	PK	15.5945G	62.77	74.00	-11.23	3	Horizontal	48	1.50	-
5200MHz	Pass	PK	20.7919G	53.14	74.00	-20.86	3	Horizontal	71	2.11	-
5240MHz	Pass	AV	5.1446G	53.90	54.00	-0.10	3	Vertical	55	1.64	-
5240MHz	Pass	AV	5.2364G	115.67	Inf	-Inf	3	Vertical	55	1.64	-
5240MHz	Pass	AV	5.3762G	48.70	54.00	-5.30	3	Vertical	55	1.64	-
5240MHz	Pass	PK	5.1404G	64.40	74.00	-9.60	3	Vertical	55	1.64	-
5240MHz	Pass	PK	5.2364G	125.14	Inf	-Inf	3	Vertical	55	1.64	-
5240MHz	Pass	PK	5.375G	59.69	74.00	-14.31	3	Vertical	55	1.64	-
5240MHz	Pass	AV	5.147G	47.63	54.00	-6.37	3	Horizontal	42	1.09	-
5240MHz	Pass	AV	5.2388G	101.28	Inf	-Inf	3	Horizontal	42	1.09	-
5240MHz	Pass	AV	5.39G	46.84	54.00	-7.16	3	Horizontal	42	1.09	-
5240MHz	Pass	PK	5.1374G	59.11	74.00	-14.89	3	Horizontal	42	1.09	-
5240MHz	Pass	PK	5.2436G	110.26	Inf	-Inf	3	Horizontal	42	1.09	-
5240MHz	Pass	PK	5.3612G	58.16	74.00	-15.84	3	Horizontal	42	1.09	-
5240MHz	Pass	AV	15.7188G	47.55	54.00	-6.45	3	Vertical	215	2.59	-
5240MHz	Pass	AV	20.9655G	45.89	54.00	-8.11	3	Vertical	20	1.92	-
5240MHz	Pass	PK	10.4955G	57.37	68.20	-10.83	3	Vertical	354	1.50	-
5240MHz	Pass	PK	15.7265G	60.14	74.00	-13.86	3	Vertical	215	2.59	-
5240MHz	Pass	PK	20.9804G	57.85	74.00	-16.15	3	Vertical	20	1.92	-
5240MHz	Pass	AV	15.7189G	52.60	54.00	-1.40	3	Horizontal	48	1.53	-
5240MHz	Pass	AV	20.9631G	47.78	54.00	-6.22	3	Horizontal	61	2.23	-
5240MHz	Pass	PK	10.4722G	57.26	68.20	-10.94	3	Horizontal	87	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	15.7147G	65.48	74.00	-8.52	3	Horizontal	48	1.53	-
5240MHz	Pass	PK	20.9523G	59.73	74.00	-14.27	3	Horizontal	61	2.23	-
5745MHz	Pass	AV	5.7474G	114.80	Inf	-Inf	3	Vertical	109	1.00	-
5745MHz	Pass	PK	5.6454G	66.09	68.20	-2.11	3	Vertical	109	1.00	-
5745MHz	Pass	PK	5.7522G	124.54	Inf	-Inf	3	Vertical	109	1.00	-
5745MHz	Pass	PK	5.931G	60.78	68.20	-7.42	3	Vertical	109	1.00	-
5745MHz	Pass	AV	5.7522G	100.24	Inf	-Inf	3	Horizontal	76	1.52	-
5745MHz	Pass	PK	5.6286G	60.50	68.20	-7.70	3	Horizontal	76	1.52	-
5745MHz	Pass	PK	5.7522G	109.97	Inf	-Inf	3	Horizontal	76	1.52	-
5745MHz	Pass	PK	6.015G	60.02	68.20	-8.18	3	Horizontal	76	1.52	-
5745MHz	Pass	AV	11.49064G	46.22	54.00	-7.78	3	Vertical	218	1.50	-
5745MHz	Pass	AV	22.9798G	36.79	54.00	-17.21	3	Vertical	19	2.01	-
5745MHz	Pass	PK	11.48156G	57.95	74.00	-16.05	3	Vertical	218	1.50	-
5745MHz	Pass	PK	17.2298G	65.15	68.20	-3.05	3	Vertical	244	2.86	-
5745MHz	Pass	PK	22.986G	48.33	74.00	-25.67	3	Vertical	19	2.01	-
5745MHz	Pass	AV	11.4856G	44.78	54.00	-9.22	3	Horizontal	110	1.50	-
5745MHz	Pass	AV	22.9797G	38.05	54.00	-15.95	3	Horizontal	66	2.03	-
5745MHz	Pass	PK	11.49296G	57.17	74.00	-16.83	3	Horizontal	110	1.50	-
5745MHz	Pass	PK	17.22976G	63.88	68.20	-4.32	3	Horizontal	309	1.46	-
5745MHz	Pass	PK	22.9796G	47.89	74.00	-26.11	3	Horizontal	66	2.03	-
5785MHz	Pass	AV	5.7874G	112.92	Inf	-Inf	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.575G	61.29	68.20	-6.91	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.7922G	122.98	Inf	-Inf	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.983G	61.22	68.20	-6.98	3	Vertical	322	1.50	-
5785MHz	Pass	AV	5.7838G	103.19	Inf	-Inf	3	Horizontal	73	1.46	-
5785MHz	Pass	PK	5.6206G	59.62	68.20	-8.58	3	Horizontal	73	1.46	-
5785MHz	Pass	PK	5.7814G	111.83	Inf	-Inf	3	Horizontal	73	1.46	-
5785MHz	Pass	PK	5.9446G	61.48	68.20	-6.72	3	Horizontal	73	1.46	-
5785MHz	Pass	AV	11.5718G	46.64	54.00	-7.36	3	Vertical	0	1.50	-
5785MHz	Pass	PK	11.57288G	58.20	74.00	-15.80	3	Vertical	0	1.50	-
5785MHz	Pass	PK	17.3568G	64.43	68.20	-3.77	3	Vertical	243	2.90	-
5785MHz	Pass	PK	23.13622G	48.25	68.20	-19.95	3	Vertical	129	1.95	-
5785MHz	Pass	AV	11.57156G	46.64	54.00	-7.36	3	Horizontal	254	2.57	-
5785MHz	Pass	PK	11.5718G	58.30	74.00	-15.70	3	Horizontal	254	2.57	-
5785MHz	Pass	PK	17.35944G	64.83	68.20	-3.37	3	Horizontal	306	1.50	-
5785MHz	Pass	PK	23.14012G	48.69	68.20	-19.51	3	Horizontal	248	2.20	-
5825MHz	Pass	AV	5.8286G	112.06	Inf	-Inf	3	Vertical	320	1.33	-
5825MHz	Pass	PK	5.627G	61.42	68.20	-6.78	3	Vertical	320	1.33	-
5825MHz	Pass	PK	5.8286G	121.52	Inf	-Inf	3	Vertical	320	1.33	-
5825MHz	Pass	PK	5.9282G	63.01	68.20	-5.19	3	Vertical	320	1.33	-
5825MHz	Pass	AV	5.8214G	102.71	Inf	-Inf	3	Horizontal	69	1.38	-
5825MHz	Pass	PK	5.5586G	60.17	68.20	-8.03	3	Horizontal	69	1.38	-
5825MHz	Pass	PK	5.8214G	112.06	Inf	-Inf	3	Horizontal	69	1.38	-
5825MHz	Pass	PK	5.927G	61.64	68.20	-6.56	3	Horizontal	69	1.38	-
5825MHz	Pass	AV	11.65252G	45.40	54.00	-8.60	3	Vertical	1	1.50	-
5825MHz	Pass	PK	11.64748G	57.32	74.00	-16.68	3	Vertical	1	1.50	-
5825MHz	Pass	PK	17.47458G	65.67	68.20	-2.53	3	Vertical	244	2.76	-
5825MHz	Pass	PK	23.29256G	48.92	68.20	-19.28	3	Vertical	206	1.50	-
5825MHz	Pass	AV	11.64766G	45.23	54.00	-8.77	3	Horizontal	37	1.50	-
5825MHz	Pass	PK	11.64802G	58.07	74.00	-15.93	3	Horizontal	37	1.50	-
5825MHz	Pass	PK	17.46952G	66.64	68.20	-1.56	3	Horizontal	289	1.60	-
5825MHz	Pass	PK	23.29184G	49.63	68.20	-18.57	3	Horizontal	224	2.28	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	53.28	54.00	-0.72	3	Vertical	142	1.78	-
5180MHz	Pass	AV	5.1812G	108.88	Inf	-Inf	3	Vertical	142	1.78	-
5180MHz	Pass	PK	5.1494G	62.85	74.00	-11.15	3	Vertical	142	1.78	-
5180MHz	Pass	PK	5.1812G	119.86	Inf	-Inf	3	Vertical	142	1.78	-
5180MHz	Pass	AV	5.1494G	48.78	54.00	-5.22	3	Horizontal	142	1.54	-
5180MHz	Pass	AV	5.1776G	98.45	Inf	-Inf	3	Horizontal	142	1.54	-
5180MHz	Pass	PK	5.1494G	59.79	74.00	-14.21	3	Horizontal	142	1.54	-
5180MHz	Pass	PK	5.1794G	109.77	Inf	-Inf	3	Horizontal	142	1.54	-
5180MHz	Pass	AV	15.5163G	46.38	54.00	-7.62	3	Vertical	165	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	AV	20.71976G	35.48	54.00	-18.52	3	Vertical	14	1.98	-
5180MHz	Pass	PK	10.3385G	56.02	68.20	-12.18	3	Vertical	74	1.50	-
5180MHz	Pass	PK	15.5381G	59.04	74.00	-14.96	3	Vertical	165	1.50	-
5180MHz	Pass	PK	20.72G	45.39	74.00	-28.61	3	Vertical	14	1.98	-
5180MHz	Pass	AV	15.5164G	46.37	54.00	-7.63	3	Horizontal	0	1.50	-
5180MHz	Pass	AV	20.71976G	37.75	54.00	-16.25	3	Horizontal	66	2.22	-
5180MHz	Pass	PK	10.3424G	55.54	68.20	-12.66	3	Horizontal	307	1.50	-
5180MHz	Pass	PK	15.5621G	59.08	74.00	-14.92	3	Horizontal	0	1.50	-
5180MHz	Pass	PK	20.71988G	46.98	74.00	-27.02	3	Horizontal	66	2.22	-
5200MHz	Pass	AV	5.1496G	52.36	54.00	-1.64	3	Vertical	142	1.50	-
5200MHz	Pass	AV	5.1964G	110.87	Inf	-Inf	3	Vertical	142	1.50	-
5200MHz	Pass	PK	5.1454G	63.17	74.00	-10.83	3	Vertical	142	1.50	-
5200MHz	Pass	PK	5.2066G	121.59	Inf	-Inf	3	Vertical	142	1.50	-
5200MHz	Pass	AV	5.15G	48.45	54.00	-5.55	3	Horizontal	143	1.60	-
5200MHz	Pass	AV	5.1976G	100.34	Inf	-Inf	3	Horizontal	143	1.60	-
5200MHz	Pass	PK	5.149G	59.46	74.00	-14.54	3	Horizontal	143	1.60	-
5200MHz	Pass	PK	5.197G	111.15	Inf	-Inf	3	Horizontal	143	1.60	-
5200MHz	Pass	AV	15.5781G	46.17	54.00	-7.83	3	Vertical	218	1.50	-
5200MHz	Pass	AV	20.79976G	38.83	54.00	-15.17	3	Vertical	10	1.93	-
5200MHz	Pass	PK	10.3989G	55.59	68.20	-12.61	3	Vertical	112	1.31	-
5200MHz	Pass	PK	15.6135G	58.58	74.00	-15.42	3	Vertical	218	1.50	-
5200MHz	Pass	PK	20.7997G	50.72	74.00	-23.28	3	Vertical	10	1.93	-
5200MHz	Pass	AV	15.6011G	46.64	54.00	-7.36	3	Horizontal	254	2.98	-
5200MHz	Pass	AV	20.79976G	40.82	54.00	-13.18	3	Horizontal	63	2.15	-
5200MHz	Pass	PK	10.3975G	55.81	68.20	-12.39	3	Horizontal	316	1.66	-
5200MHz	Pass	PK	15.603G	59.82	74.00	-14.18	3	Horizontal	254	2.98	-
5200MHz	Pass	PK	20.79166G	52.38	74.00	-21.62	3	Horizontal	63	2.15	-
5240MHz	Pass	AV	5.15G	53.19	54.00	-0.81	3	Vertical	142	1.50	-
5240MHz	Pass	AV	5.237G	113.35	Inf	-Inf	3	Vertical	142	1.50	-
5240MHz	Pass	AV	5.3762G	49.59	54.00	-4.41	3	Vertical	142	1.50	-
5240MHz	Pass	PK	5.1482G	64.16	74.00	-9.84	3	Vertical	142	1.50	-
5240MHz	Pass	PK	5.2382G	124.03	Inf	-Inf	3	Vertical	142	1.50	-
5240MHz	Pass	PK	5.3864G	59.74	74.00	-14.26	3	Vertical	142	1.50	-
5240MHz	Pass	AV	5.147G	47.34	54.00	-6.66	3	Horizontal	309	1.50	-
5240MHz	Pass	AV	5.2424G	100.83	Inf	-Inf	3	Horizontal	309	1.50	-
5240MHz	Pass	AV	5.3894G	46.92	54.00	-7.08	3	Horizontal	309	1.50	-
5240MHz	Pass	PK	5.0918G	58.74	74.00	-15.26	3	Horizontal	309	1.50	-
5240MHz	Pass	PK	5.2424G	112.05	Inf	-Inf	3	Horizontal	309	1.50	-
5240MHz	Pass	PK	5.381G	57.98	74.00	-16.02	3	Horizontal	309	1.50	-
5240MHz	Pass	AV	15.7265G	46.89	54.00	-7.11	3	Vertical	219	1.50	-
5240MHz	Pass	AV	20.9568G	37.53	54.00	-16.47	3	Vertical	164.6	1.92	-
5240MHz	Pass	PK	10.503G	56.33	68.20	-11.87	3	Vertical	4	1.50	-
5240MHz	Pass	PK	15.7144G	59.21	74.00	-14.79	3	Vertical	219	1.50	-
5240MHz	Pass	PK	20.9498G	50.14	74.00	-23.86	3	Vertical	164.6	1.92	-
5240MHz	Pass	AV	15.7194G	53.68	54.00	-0.32	3	Horizontal	244	1.55	-
5240MHz	Pass	AV	20.9628G	47.02	54.00	-6.98	3	Horizontal	64	2.22	-
5240MHz	Pass	PK	10.4802G	56.84	68.20	-11.36	3	Horizontal	77	1.50	-
5240MHz	Pass	PK	15.7106G	67.38	74.00	-6.62	3	Horizontal	244	1.55	-
5240MHz	Pass	PK	20.9644G	59.92	74.00	-14.08	3	Horizontal	64	2.22	-
5745MHz	Pass	AV	5.7426G	112.11	Inf	-Inf	3	Vertical	342	1.50	-
5745MHz	Pass	PK	5.6502G	64.98	68.35	-3.37	3	Vertical	342	1.50	-
5745MHz	Pass	PK	5.7426G	123.71	Inf	-Inf	3	Vertical	342	1.50	-
5745MHz	Pass	PK	5.9586G	60.21	68.20	-7.99	3	Vertical	342	1.50	-
5745MHz	Pass	AV	5.7438G	102.49	Inf	-Inf	3	Horizontal	69	1.37	-
5745MHz	Pass	PK	5.625G	60.04	68.20	-8.16	3	Horizontal	69	1.37	-
5745MHz	Pass	PK	5.7426G	113.48	Inf	-Inf	3	Horizontal	69	1.37	-
5745MHz	Pass	PK	6.0234G	61.67	68.20	-6.53	3	Horizontal	69	1.37	-
5745MHz	Pass	AV	11.4935G	46.22	54.00	-7.78	3	Vertical	216	1.46	-
5745MHz	Pass	AV	22.97988G	35.34	54.00	-18.66	3	Vertical	54	2.02	-
5745MHz	Pass	PK	11.4914G	58.28	74.00	-15.72	3	Vertical	216	1.46	-
5745MHz	Pass	PK	17.2302G	64.33	68.20	-3.87	3	Vertical	245	2.00	-
5745MHz	Pass	PK	22.97106G	47.20	74.00	-26.80	3	Vertical	54	2.02	-

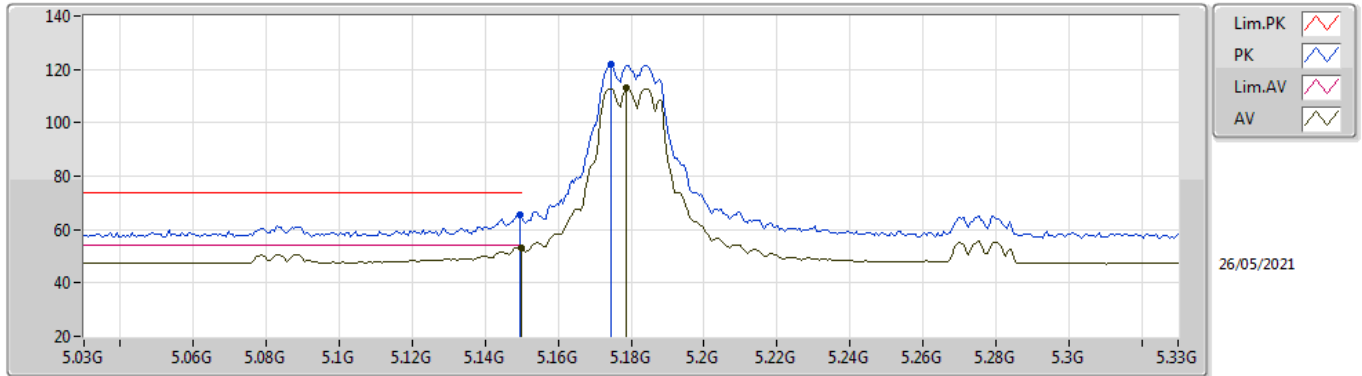
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	AV	11.4901G	44.93	54.00	-9.07	3	Horizontal	72	1.31	-
5745MHz	Pass	AV	22.97976G	37.62	54.00	-16.38	3	Horizontal	66	2.02	-
5745MHz	Pass	PK	11.4886G	57.44	74.00	-16.56	3	Horizontal	72	1.31	-
5745MHz	Pass	PK	17.2337G	63.50	68.20	-4.70	3	Horizontal	307	1.50	-
5745MHz	Pass	PK	22.97994G	48.92	74.00	-25.08	3	Horizontal	66	2.02	-
5785MHz	Pass	AV	5.7898G	111.47	Inf	-Inf	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.5882G	61.36	68.20	-6.84	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.779G	123.26	Inf	-Inf	3	Vertical	322	1.50	-
5785MHz	Pass	PK	5.9434G	61.06	68.20	-7.14	3	Vertical	322	1.50	-
5785MHz	Pass	AV	5.7886G	102.45	Inf	-Inf	3	Horizontal	71	1.46	-
5785MHz	Pass	PK	5.5234G	59.70	68.20	-8.50	3	Horizontal	71	1.46	-
5785MHz	Pass	PK	5.7874G	112.91	Inf	-Inf	3	Horizontal	71	1.46	-
5785MHz	Pass	PK	5.9698G	60.77	68.20	-7.43	3	Horizontal	71	1.46	-
5785MHz	Pass	AV	11.5752G	46.01	54.00	-7.99	3	Vertical	360	1.50	-
5785MHz	Pass	PK	11.563G	58.09	74.00	-15.91	3	Vertical	360	1.50	-
5785MHz	Pass	PK	17.3593G	63.66	68.20	-4.54	3	Vertical	244	1.92	-
5785MHz	Pass	PK	23.13304G	48.23	68.20	-19.97	3	Vertical	143	1.95	-
5785MHz	Pass	AV	11.5721G	45.68	54.00	-8.32	3	Horizontal	253	2.58	-
5785MHz	Pass	PK	11.5657G	57.79	74.00	-16.21	3	Horizontal	253	2.58	-
5785MHz	Pass	PK	17.3622G	64.58	68.20	-3.62	3	Horizontal	306	1.50	-
5785MHz	Pass	PK	23.14006G	48.21	68.20	-19.99	3	Horizontal	248	2.21	-
5825MHz	Pass	AV	5.8286G	110.64	Inf	-Inf	3	Vertical	321	1.06	-
5825MHz	Pass	PK	5.6258G	61.80	68.20	-6.40	3	Vertical	321	1.06	-
5825MHz	Pass	PK	5.8274G	122.49	Inf	-Inf	3	Vertical	321	1.06	-
5825MHz	Pass	PK	5.9306G	66.10	68.20	-2.10	3	Vertical	321	1.06	-
5825MHz	Pass	AV	5.8238G	102.24	Inf	-Inf	3	Horizontal	72	1.37	-
5825MHz	Pass	PK	5.5958G	60.08	68.20	-8.12	3	Horizontal	72	1.37	-
5825MHz	Pass	PK	5.8226G	112.82	Inf	-Inf	3	Horizontal	72	1.37	-
5825MHz	Pass	PK	6.089G	61.92	68.20	-6.28	3	Horizontal	72	1.37	-
5825MHz	Pass	AV	11.6548G	45.44	54.00	-8.56	3	Vertical	0	1.50	-
5825MHz	Pass	PK	11.6523G	57.28	74.00	-16.72	3	Vertical	0	1.50	-
5825MHz	Pass	PK	17.465G	65.92	68.20	-2.28	3	Vertical	242	1.93	-
5825MHz	Pass	PK	23.3046G	48.72	68.20	-19.48	3	Vertical	128	1.96	-
5825MHz	Pass	AV	11.6457G	45.88	54.00	-8.12	3	Horizontal	38	1.40	-
5825MHz	Pass	PK	11.6356G	57.60	74.00	-16.40	3	Horizontal	38	1.40	-
5825MHz	Pass	PK	17.4779G	66.54	68.20	-1.66	3	Horizontal	290	1.50	-
5825MHz	Pass	PK	23.3132G	49.55	68.20	-18.65	3	Horizontal	250	2.17	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1498G	52.57	54.00	-1.43	3	Vertical	143	1.50	-
5190MHz	Pass	AV	5.1912G	105.62	Inf	-Inf	3	Vertical	143	1.50	-
5190MHz	Pass	PK	5.1432G	66.26	74.00	-7.74	3	Vertical	143	1.50	-
5190MHz	Pass	PK	5.1918G	115.82	Inf	-Inf	3	Vertical	143	1.50	-
5190MHz	Pass	AV	5.1498G	49.56	54.00	-4.44	3	Horizontal	142	1.66	-
5190MHz	Pass	AV	5.1918G	95.39	Inf	-Inf	3	Horizontal	142	1.66	-
5190MHz	Pass	PK	5.142G	61.21	74.00	-12.79	3	Horizontal	142	1.66	-
5190MHz	Pass	PK	5.1912G	106.00	Inf	-Inf	3	Horizontal	142	1.66	-
5190MHz	Pass	AV	15.54912G	46.17	54.00	-7.83	3	Vertical	268	1.57	-
5190MHz	Pass	AV	20.75989G	47.40	54.00	-6.60	3	Vertical	24	2.02	-
5190MHz	Pass	PK	10.38348G	55.09	68.20	-13.11	3	Vertical	125	1.04	-
5190MHz	Pass	PK	15.54768G	59.45	74.00	-14.55	3	Vertical	268	1.57	-
5190MHz	Pass	PK	20.76032G	56.93	74.00	-17.07	3	Vertical	24	2.02	-
5190MHz	Pass	AV	15.5562G	46.10	54.00	-7.90	3	Horizontal	341	1.50	-
5190MHz	Pass	AV	20.75984G	46.25	54.00	-7.75	3	Horizontal	20	2.28	-
5190MHz	Pass	PK	10.36476G	55.99	68.20	-12.21	3	Horizontal	201	1.50	-
5190MHz	Pass	PK	15.59244G	58.61	74.00	-15.39	3	Horizontal	341	1.50	-
5190MHz	Pass	PK	20.75984G	57.48	74.00	-16.52	3	Horizontal	20	2.28	-
5230MHz	Pass	AV	5.1496G	52.14	54.00	-1.86	3	Vertical	143	1.50	-
5230MHz	Pass	AV	5.2312G	105.55	Inf	-Inf	3	Vertical	143	1.50	-
5230MHz	Pass	AV	5.3536G	48.80	54.00	-5.20	3	Vertical	143	1.50	-
5230MHz	Pass	PK	5.15G	65.86	74.00	-8.14	3	Vertical	143	1.50	-
5230MHz	Pass	PK	5.221G	115.98	Inf	-Inf	3	Vertical	143	1.50	-
5230MHz	Pass	PK	5.3542G	61.35	74.00	-12.65	3	Vertical	143	1.50	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	AV	5.15G	48.95	54.00	-5.05	3	Horizontal	144	1.63	-
5230MHz	Pass	AV	5.2312G	95.05	Inf	-Inf	3	Horizontal	144	1.63	-
5230MHz	Pass	AV	5.362G	46.94	54.00	-7.06	3	Horizontal	144	1.63	-
5230MHz	Pass	PK	5.15G	61.50	74.00	-12.50	3	Horizontal	144	1.63	-
5230MHz	Pass	PK	5.233G	104.85	Inf	-Inf	3	Horizontal	144	1.63	-
5230MHz	Pass	PK	5.3578G	58.55	74.00	-15.45	3	Horizontal	144	1.63	-
5230MHz	Pass	AV	15.70848G	45.87	54.00	-8.13	3	Vertical	178	2.33	-
5230MHz	Pass	AV	20.91978G	45.60	54.00	-8.40	3	Vertical	31	1.90	-
5230MHz	Pass	PK	10.48076G	56.23	68.20	-11.97	3	Vertical	82	1.77	-
5230MHz	Pass	PK	15.68076G	57.84	74.00	-16.16	3	Vertical	178	2.33	-
5230MHz	Pass	PK	20.91979G	56.99	74.00	-17.01	3	Vertical	31	1.90	-
5230MHz	Pass	AV	15.69852G	46.37	54.00	-7.63	3	Horizontal	245	2.33	-
5230MHz	Pass	AV	20.91984G	48.16	54.00	-5.84	3	Horizontal	26	2.29	-
5230MHz	Pass	PK	10.48808G	56.09	68.20	-12.11	3	Horizontal	276	1.77	-
5230MHz	Pass	PK	15.7134G	58.76	74.00	-15.24	3	Horizontal	245	2.33	-
5230MHz	Pass	PK	20.91906G	59.78	74.00	-14.22	3	Horizontal	26	2.29	-
5755MHz	Pass	AV	5.7562G	108.73	Inf	-Inf	3	Vertical	321	1.39	-
5755MHz	Pass	PK	5.6494G	66.74	68.20	-1.46	3	Vertical	321	1.39	-
5755MHz	Pass	PK	5.7658G	118.94	Inf	-Inf	3	Vertical	321	1.39	-
5755MHz	Pass	PK	6.0274G	60.97	68.20	-7.23	3	Vertical	321	1.39	-
5755MHz	Pass	AV	5.7634G	98.91	Inf	-Inf	3	Horizontal	72	1.41	-
5755MHz	Pass	PK	5.6422G	61.38	68.20	-6.82	3	Horizontal	72	1.41	-
5755MHz	Pass	PK	5.7634G	110.17	Inf	-Inf	3	Horizontal	72	1.41	-
5755MHz	Pass	PK	5.929G	61.01	68.20	-7.19	3	Horizontal	72	1.41	-
5755MHz	Pass	AV	11.50424G	45.07	54.00	-8.93	3	Vertical	219	1.50	-
5755MHz	Pass	PK	11.53808G	57.39	74.00	-16.61	3	Vertical	219	1.50	-
5755MHz	Pass	PK	17.25564G	61.32	68.20	-6.88	3	Vertical	242	2.79	-
5755MHz	Pass	AV	11.5136G	45.15	54.00	-8.85	3	Horizontal	126	1.51	-
5755MHz	Pass	AV	23.01972G	43.94	54.00	-10.06	3	Horizontal	89	2.04	-
5755MHz	Pass	PK	11.51576G	57.26	74.00	-16.74	3	Horizontal	126	1.51	-
5755MHz	Pass	PK	17.2632G	61.48	68.20	-6.72	3	Horizontal	296	1.44	-
5755MHz	Pass	PK	23.02008G	55.67	74.00	-18.33	3	Horizontal	89	2.04	-
5795MHz	Pass	AV	5.7914G	107.84	Inf	-Inf	3	Vertical	308	1.00	-
5795MHz	Pass	PK	5.6498G	62.59	68.20	-5.61	3	Vertical	308	1.00	-
5795MHz	Pass	PK	5.7902G	119.15	Inf	-Inf	3	Vertical	308	1.00	-
5795MHz	Pass	PK	5.9282G	67.76	68.20	-0.44	3	Vertical	308	1.00	-
5795MHz	Pass	AV	5.7986G	99.03	Inf	-Inf	3	Horizontal	71	1.44	-
5795MHz	Pass	PK	5.6462G	60.39	68.20	-7.81	3	Horizontal	71	1.44	-
5795MHz	Pass	PK	5.789G	110.11	Inf	-Inf	3	Horizontal	71	1.44	-
5795MHz	Pass	PK	5.9258G	64.59	68.20	-3.61	3	Horizontal	71	1.44	-
5795MHz	Pass	AV	11.58472G	45.34	54.00	-8.66	3	Vertical	0	1.62	-
5795MHz	Pass	PK	11.58616G	57.79	74.00	-16.21	3	Vertical	0	1.62	-
5795MHz	Pass	PK	17.40456G	61.44	68.20	-6.76	3	Vertical	35	2.86	-
5795MHz	Pass	PK	23.17991G	58.25	68.20	-9.95	3	Vertical	29	1.95	-
5795MHz	Pass	AV	11.58508G	45.32	54.00	-8.68	3	Horizontal	127	1.38	-
5795MHz	Pass	PK	11.58484G	58.32	74.00	-15.68	3	Horizontal	127	1.38	-
5795MHz	Pass	PK	17.40924G	62.64	68.20	-5.56	3	Horizontal	291	1.50	-
5795MHz	Pass	PK	23.17984G	56.77	68.20	-11.43	3	Horizontal	56	2.04	-
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	52.98	54.00	-1.02	3	Vertical	141	1.82	-
5210MHz	Pass	AV	5.215G	100.83	Inf	-Inf	3	Vertical	141	1.82	-
5210MHz	Pass	AV	5.376G	48.15	54.00	-5.85	3	Vertical	141	1.82	-
5210MHz	Pass	PK	5.146G	67.24	74.00	-6.76	3	Vertical	141	1.82	-
5210MHz	Pass	PK	5.195G	111.40	Inf	-Inf	3	Vertical	141	1.82	-
5210MHz	Pass	PK	5.351G	60.30	74.00	-13.70	3	Vertical	141	1.82	-
5210MHz	Pass	AV	5.145G	48.07	54.00	-5.93	3	Horizontal	143	1.59	-
5210MHz	Pass	AV	5.203G	90.25	Inf	-Inf	3	Horizontal	143	1.59	-
5210MHz	Pass	AV	5.395G	46.92	54.00	-7.08	3	Horizontal	143	1.59	-
5210MHz	Pass	PK	5.138G	59.67	74.00	-14.33	3	Horizontal	143	1.59	-
5210MHz	Pass	PK	5.232G	101.10	Inf	-Inf	3	Horizontal	143	1.59	-
5210MHz	Pass	PK	5.459G	57.96	74.00	-16.04	3	Horizontal	143	1.59	-
5210MHz	Pass	AV	15.59128G	45.73	54.00	-8.27	3	Vertical	178	1.76	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	20.83976G	45.41	54.00	-8.59	3	Vertical	14	2.00	-
5210MHz	Pass	PK	10.44736G	56.14	68.20	-12.06	3	Vertical	300	2.16	-
5210MHz	Pass	PK	15.61608G	58.07	74.00	-15.93	3	Vertical	178	1.76	-
5210MHz	Pass	PK	20.83993G	55.71	74.00	-18.29	3	Vertical	14	2.00	-
5210MHz	Pass	AV	15.59032G	45.74	54.00	-8.26	3	Horizontal	5	1.37	-
5210MHz	Pass	AV	20.8398G	46.74	54.00	-7.26	3	Horizontal	27	2.25	-
5210MHz	Pass	PK	10.43952G	55.50	68.20	-12.70	3	Horizontal	211	2.74	-
5210MHz	Pass	PK	15.606G	58.01	74.00	-15.99	3	Horizontal	5	1.37	-
5210MHz	Pass	PK	20.83989G	56.68	74.00	-17.32	3	Horizontal	27	2.25	-
5775MHz	Pass	AV	5.7738G	102.27	Inf	-Inf	3	Vertical	321	1.50	-
5775MHz	Pass	PK	5.6466G	67.92	68.20	-0.28	3	Vertical	321	1.50	-
5775MHz	Pass	PK	5.7738G	112.78	Inf	-Inf	3	Vertical	321	1.50	-
5775MHz	Pass	PK	5.9466G	63.12	68.20	-5.08	3	Vertical	321	1.50	-
5775MHz	Pass	AV	5.7726G	93.18	Inf	-Inf	3	Horizontal	71	1.40	-
5775MHz	Pass	PK	5.6358G	60.62	68.20	-7.58	3	Horizontal	71	1.40	-
5775MHz	Pass	PK	5.7738G	103.73	Inf	-Inf	3	Horizontal	71	1.40	-
5775MHz	Pass	PK	5.9262G	62.93	68.20	-5.27	3	Horizontal	71	1.40	-
5775MHz	Pass	AV	11.55544G	44.72	54.00	-9.28	3	Vertical	360	1.46	-
5775MHz	Pass	AV	23.09983G	44.84	54.00	-9.16	3	Vertical	28	1.95	-
5775MHz	Pass	PK	11.56456G	57.19	74.00	-16.81	3	Vertical	360	1.46	-
5775MHz	Pass	PK	17.35732G	60.93	68.20	-7.27	3	Vertical	261	2.55	-
5775MHz	Pass	PK	23.09995G	56.18	74.00	-17.82	3	Vertical	28	1.95	-
5775MHz	Pass	AV	11.54968G	45.32	54.00	-8.68	3	Horizontal	244	2.38	-
5775MHz	Pass	AV	23.09976G	45.49	54.00	-8.51	3	Horizontal	73	2.08	-
5775MHz	Pass	PK	11.57288G	57.39	74.00	-16.61	3	Horizontal	244	2.38	-
5775MHz	Pass	PK	17.35828G	61.46	68.20	-6.74	3	Horizontal	299	1.50	-
5775MHz	Pass	PK	23.09995G	56.39	74.00	-17.61	3	Horizontal	73	2.08	-

802.11a_Nss1,(6Mbps)_2TX

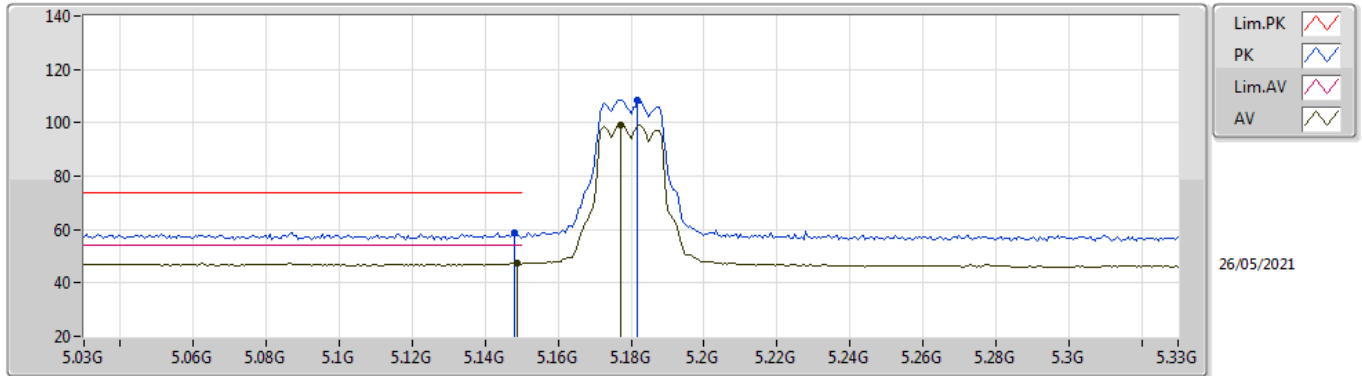
5180MHz_TX



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	5.15G	53.20	54.00	-0.80	6.54	3	Vertical	324	1.89	-	46.66	31.70	9.07	34.23
AV	5.1788G	112.88	Inf	-Inf	6.43	3	Vertical	324	1.89	-	106.45	31.58	9.08	34.23
PK	5.1494G	65.60	74.00	-8.40	6.54	3	Vertical	324	1.89	-	59.06	31.70	9.07	34.23
PK	5.1746G	121.73	Inf	-Inf	6.45	3	Vertical	324	1.89	-	115.28	31.60	9.08	34.23

802.11a_Nss1,(6Mbps)_2TX

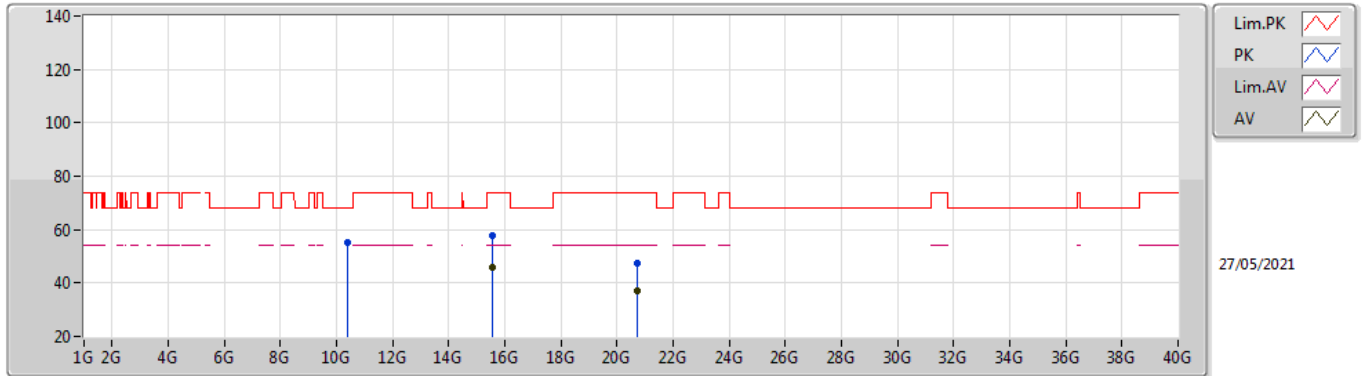
5180MHz_TX



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	5.1488G	47.27	54.00	-6.73	6.54	3	Horizontal	147	1.54	-	40.73	31.70	9.07	34.23
AV	5.177G	99.26	Inf	-Inf	6.44	3	Horizontal	147	1.54	-	92.82	31.59	9.08	34.23
PK	5.1482G	58.93	74.00	-15.07	6.54	3	Horizontal	147	1.54	-	52.39	31.70	9.07	34.23
PK	5.1818G	108.58	Inf	-Inf	6.42	3	Horizontal	147	1.54	-	102.16	31.57	9.08	34.23

802.11a_Nss1,(6Mbps)_2TX

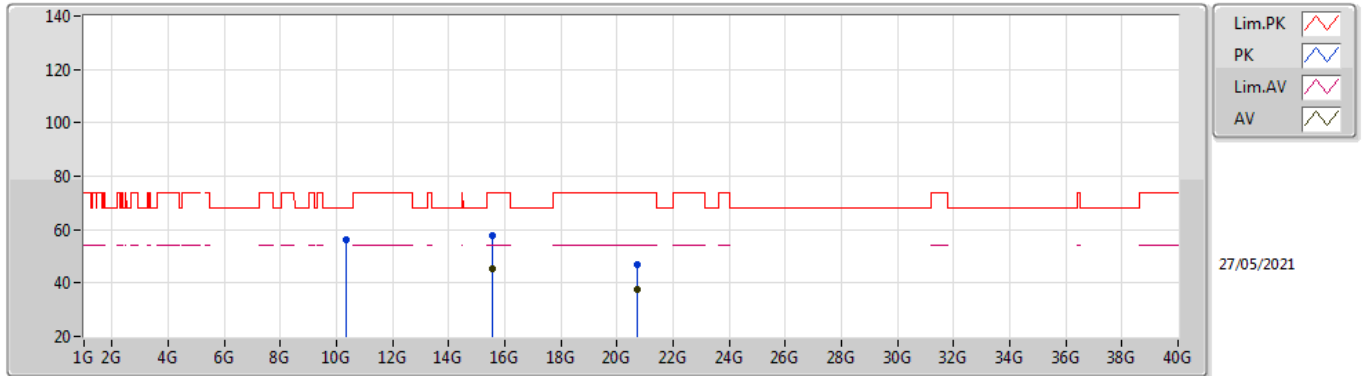
5180MHz_TX



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	15.55896G	45.64	54.00	-8.36	18.51	3	Vertical	289	1.61	-	27.13	38.09	14.81	34.39
AV	20.71976G	36.84	54.00	-17.16	-8.63	3	Vertical	13	1.97	-	45.47	38.14	16.89	54.12
PK	10.36968G	55.38	68.20	-12.82	17.11	3	Vertical	32	2.26	-	38.27	39.41	12.37	34.67
PK	15.54816G	57.63	74.00	-16.37	18.59	3	Vertical	289	1.61	-	39.04	38.16	14.81	34.38
PK	20.72244G	47.50	74.00	-26.50	-8.63	3	Vertical	13	1.97	-	56.13	38.13	16.90	54.12

802.11a_Nss1,(6Mbps)_2TX

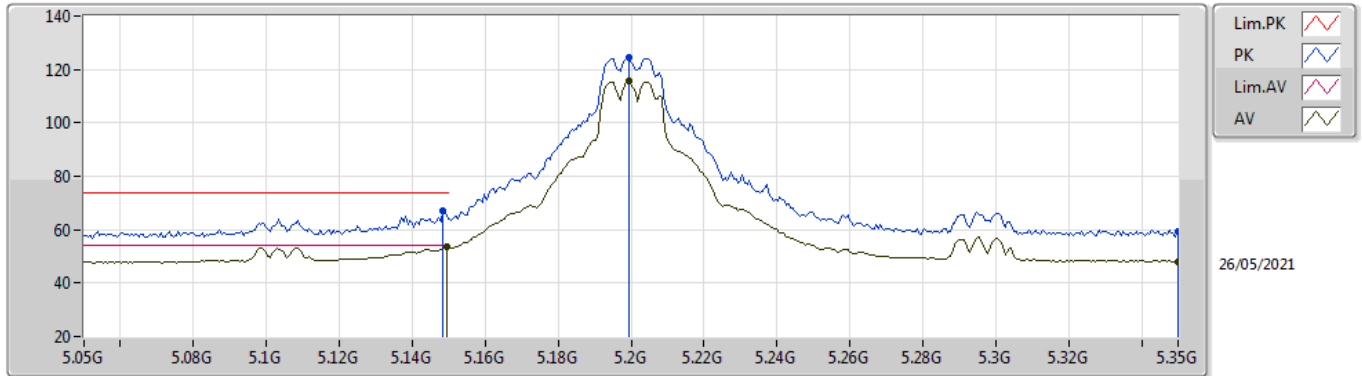
5180MHz_TX



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	15.54104G	45.59	54.00	-8.41	18.64	3	Horizontal	78	2.23	-	26.95	38.21	14.81	34.38
AV	20.7197G	37.73	54.00	-16.27	-8.63	3	Horizontal	84	2.03	-	46.36	38.14	16.89	54.12
PK	10.35272G	56.04	68.20	-12.16	17.04	3	Horizontal	196	1.72	-	39.00	39.36	12.36	34.68
PK	15.54824G	57.71	74.00	-16.29	18.59	3	Horizontal	78	2.23	-	39.12	38.16	14.81	34.38
PK	20.7198G	47.12	74.00	-26.88	-8.63	3	Horizontal	84	2.03	-	55.75	38.14	16.89	54.12

802.11a_Nss1,(6Mbps)_2TX

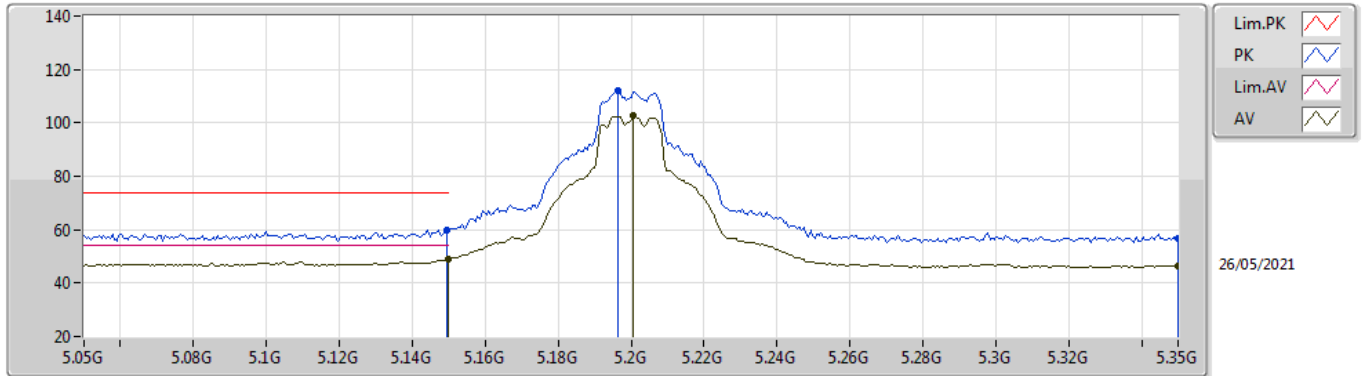
5200MHz_TX



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	5.1496G	53.39	54.00	-0.61	6.54	3	Vertical	323	1.86	-	46.85	31.70	9.07	34.23
AV	5.1994G	115.73	Inf	-Inf	6.34	3	Vertical	323	1.86	-	109.39	31.50	9.08	34.24
AV	5.35G	48.17	54.00	-5.83	6.00	3	Vertical	323	1.86	-	42.17	31.00	9.25	34.25
PK	5.1484G	66.92	74.00	-7.08	6.54	3	Vertical	323	1.86	-	60.38	31.70	9.07	34.23
PK	5.1994G	124.29	Inf	-Inf	6.34	3	Vertical	323	1.86	-	117.95	31.50	9.08	34.24
PK	5.35G	59.31	74.00	-14.69	6.00	3	Vertical	323	1.86	-	53.31	31.00	9.25	34.25

802.11a_Nss1,(6Mbps)_2TX

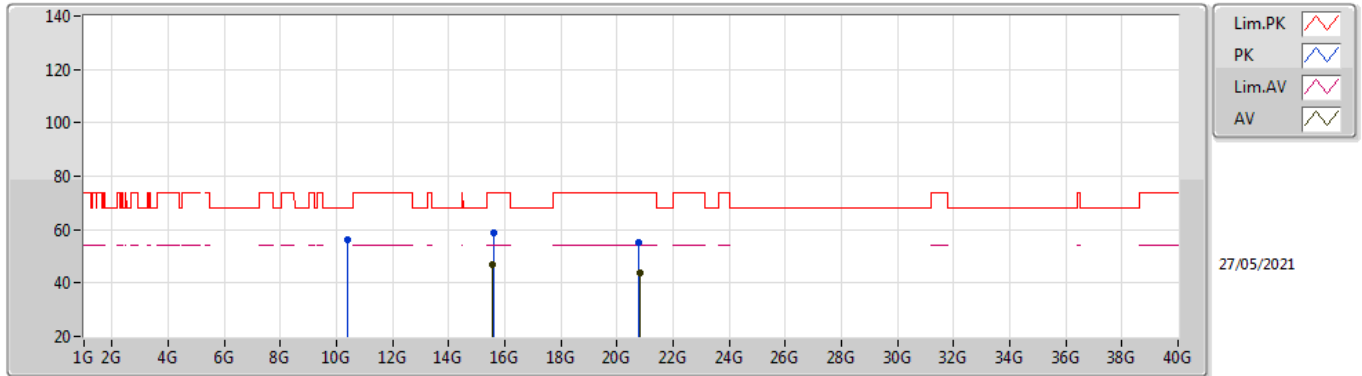
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	48.83	54.00	-5.17	6.54	3	Horizontal	44	1.39	-	42.29	31.70	9.07	34.23
AV	5.2006G	102.59	Inf	-Inf	6.34	3	Horizontal	44	1.39	-	96.25	31.50	9.08	34.24
AV	5.35G	46.15	54.00	-7.85	6.00	3	Horizontal	44	1.39	-	40.15	31.00	9.25	34.25
PK	5.1496G	59.78	74.00	-14.22	6.54	3	Horizontal	44	1.39	-	53.24	31.70	9.07	34.23
PK	5.1964G	112.00	Inf	-Inf	6.35	3	Horizontal	44	1.39	-	105.65	31.51	9.08	34.24
PK	5.35G	56.81	74.00	-17.19	6.00	3	Horizontal	44	1.39	-	50.81	31.00	9.25	34.25

802.11a_Nss1,(6Mbps)_2TX

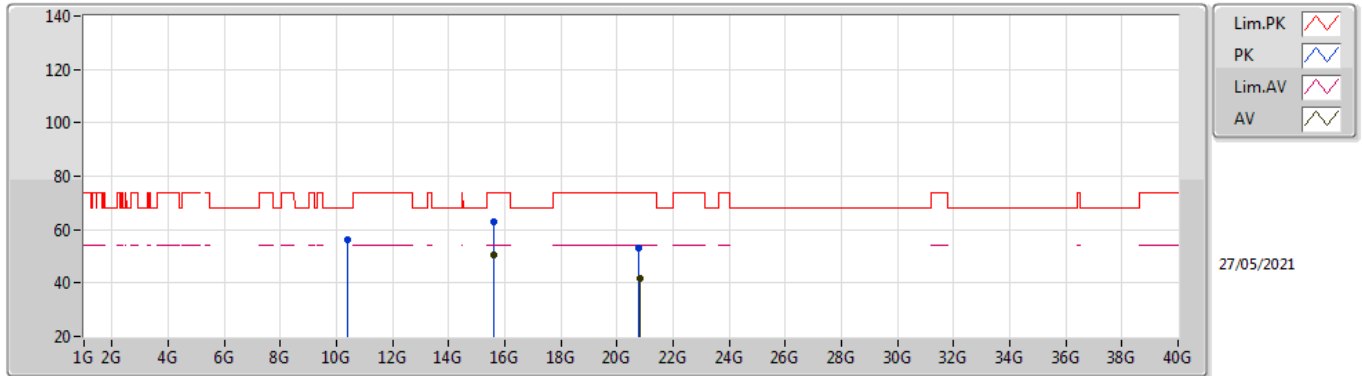
5200MHz_TX



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	15.5759G	46.76	54.00	-7.24	18.38	3	Vertical	0	2.98	-	28.38	37.97	14.82	34.41
AV	20.8G	43.78	54.00	-10.22	-8.60	3	Vertical	18	1.94	-	52.38	38.20	16.94	54.20
PK	10.41144G	56.41	68.20	-11.79	17.26	3	Vertical	292	1.24	-	39.15	39.52	12.38	34.64
PK	15.5944G	58.70	74.00	-15.30	18.23	3	Vertical	0	2.98	-	40.47	37.84	14.82	34.43
PK	20.7941G	55.43	74.00	-18.57	-8.61	3	Vertical	18	1.94	-	64.04	38.19	16.93	54.19

802.11a_Nss1,(6Mbps)_2TX

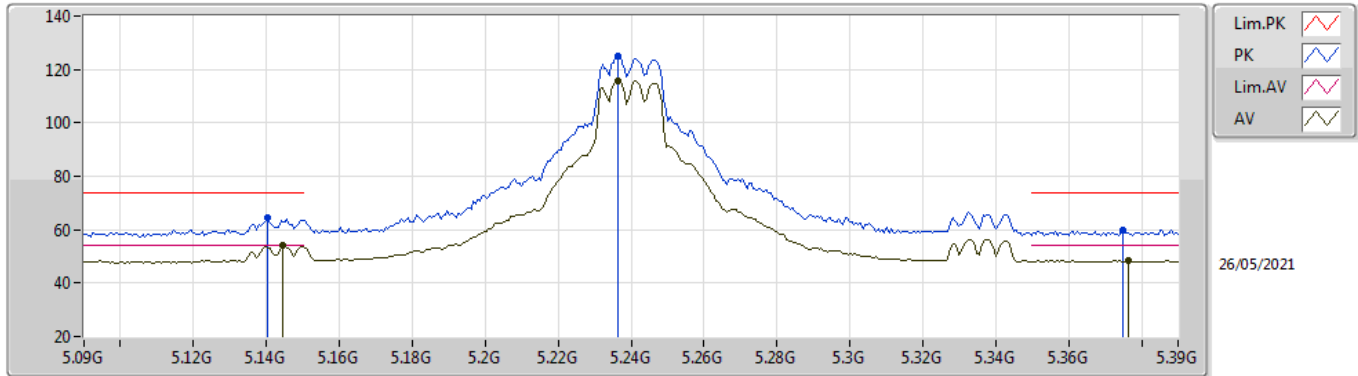
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.5991G	50.61	54.00	-3.39	18.20	3	Horizontal	48	1.50	-	32.41	37.81	14.82	34.43
AV	20.7998G	41.63	54.00	-12.37	-8.60	3	Horizontal	71	2.11	-	50.23	38.20	16.94	54.20
PK	10.4171G	56.35	68.20	-11.85	17.29	3	Horizontal	84	3.00	-	39.06	39.53	12.39	34.63
PK	15.5945G	62.77	74.00	-11.23	18.23	3	Horizontal	48	1.50	-	44.54	37.84	14.82	34.43
PK	20.7919G	53.14	74.00	-20.86	-8.62	3	Horizontal	71	2.11	-	61.76	38.18	16.93	54.19

802.11a_Nss1,(6Mbps)_2TX

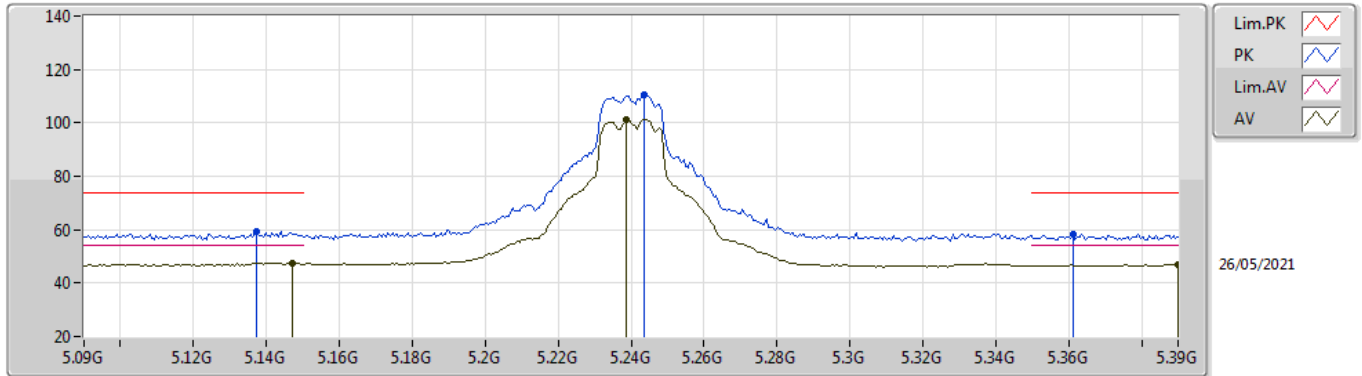
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1446G	53.90	54.00	-0.10	6.54	3	Vertical	55	1.64	-	47.36	31.70	9.07	34.23
AV	5.2364G	115.67	Inf	-Inf	6.16	3	Vertical	55	1.64	-	109.51	31.28	9.12	34.24
AV	5.3762G	48.70	54.00	-5.30	6.18	3	Vertical	55	1.64	-	42.52	31.16	9.27	34.25
PK	5.1404G	64.40	74.00	-9.60	6.54	3	Vertical	55	1.64	-	57.86	31.70	9.07	34.23
PK	5.2364G	125.14	Inf	-Inf	6.16	3	Vertical	55	1.64	-	118.98	31.28	9.12	34.24
PK	5.375G	59.69	74.00	-14.31	6.17	3	Vertical	55	1.64	-	53.52	31.15	9.27	34.25

802.11a_Nss1,(6Mbps)_2TX

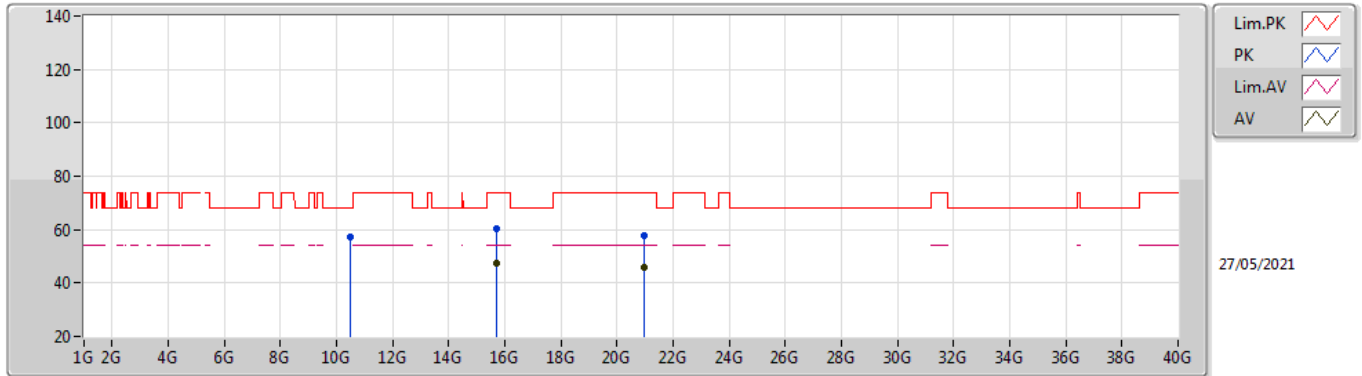
5240MHz_TX



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	5.147G	47.63	54.00	-6.37	6.54	3	Horizontal	42	1.09	-	41.09	31.70	9.07	34.23
AV	5.2388G	101.28	Inf	-Inf	6.15	3	Horizontal	42	1.09	-	95.13	31.27	9.12	34.24
AV	5.39G	46.84	54.00	-7.16	6.28	3	Horizontal	42	1.09	-	40.56	31.24	9.29	34.25
PK	5.1374G	59.11	74.00	-14.89	6.54	3	Horizontal	42	1.09	-	52.57	31.70	9.07	34.23
PK	5.2436G	110.26	Inf	-Inf	6.13	3	Horizontal	42	1.09	-	104.13	31.24	9.13	34.24
PK	5.3612G	58.16	74.00	-15.84	6.08	3	Horizontal	42	1.09	-	52.08	31.07	9.26	34.25

802.11a_Nss1,(6Mbps)_2TX

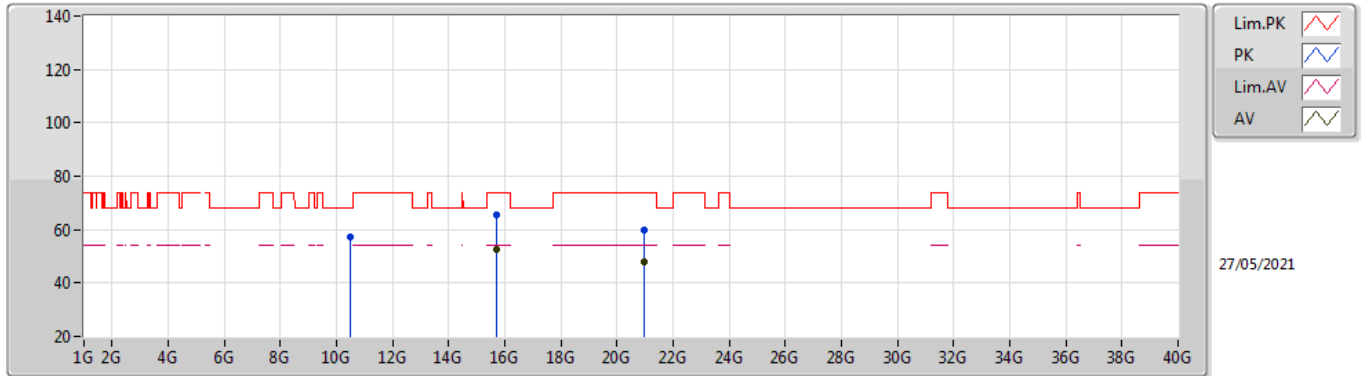
5240MHz_TX



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	15.7188G	47.55	54.00	-6.45	18.24	3	Vertical	215	2.59	-	29.31	37.92	14.86	34.54
AV	20.9655G	45.89	54.00	-8.11	-8.36	3	Vertical	20	1.92	-	54.25	38.53	17.02	54.37
PK	10.4955G	57.37	68.20	-10.83	17.54	3	Vertical	354	1.50	-	39.83	39.69	12.42	34.57
PK	15.7265G	60.14	74.00	-13.86	18.20	3	Vertical	215	2.59	-	41.94	37.89	14.86	34.55
PK	20.9804G	57.85	74.00	-16.15	-8.33	3	Vertical	20	1.92	-	66.18	38.56	17.03	54.38

802.11a_Nss1,(6Mbps)_2TX

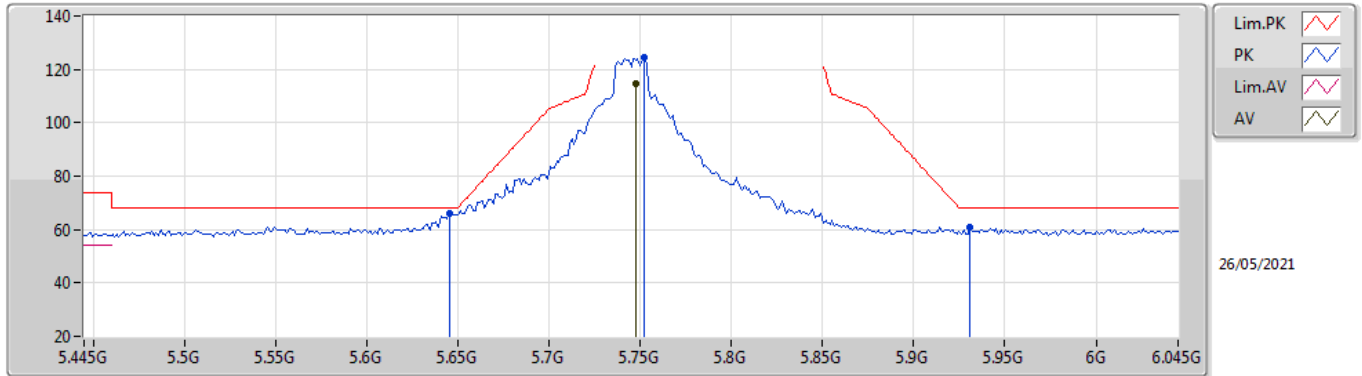
5240MHz_TX



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	15.7189G	52.60	54.00	-1.40	18.24	3	Horizontal	48	1.53	-	34.36	37.92	14.86	34.54
AV	20.9631G	47.78	54.00	-6.22	-8.35	3	Horizontal	61	2.23	-	56.13	38.53	17.02	54.36
PK	10.4722G	57.26	68.20	-10.94	17.46	3	Horizontal	87	1.50	-	39.80	39.64	12.41	34.59
PK	15.7147G	65.48	74.00	-8.52	18.26	3	Horizontal	48	1.53	-	47.22	37.94	14.86	34.54
PK	20.9523G	59.73	74.00	-14.27	-8.37	3	Horizontal	61	2.23	-	68.10	38.50	17.02	54.35

802.11a_Nss1,(6Mbps)_2TX

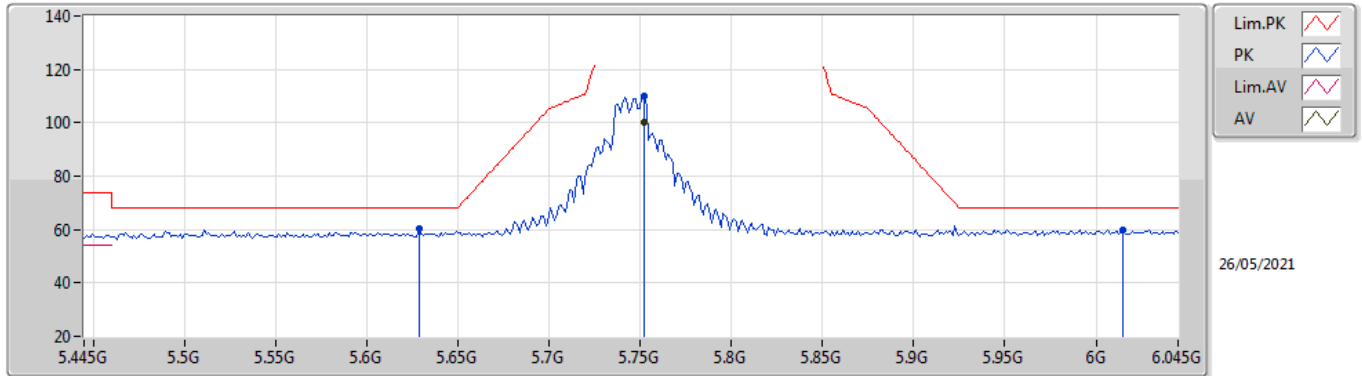
5745MHz_TX



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	5.7474G	114.80	Inf	-Inf	7.21	3	Vertical	109	1.00	-	107.59	31.99	9.50	34.28
PK	5.6454G	66.09	68.20	-2.11	6.89	3	Vertical	109	1.00	-	59.20	31.69	9.47	34.27
PK	5.7522G	124.54	Inf	-Inf	7.22	3	Vertical	109	1.00	-	117.32	32.00	9.51	34.29
PK	5.931G	60.78	68.20	-7.42	7.62	3	Vertical	109	1.00	-	53.16	32.30	9.62	34.30

802.11a_Nss1,(6Mbps)_2TX

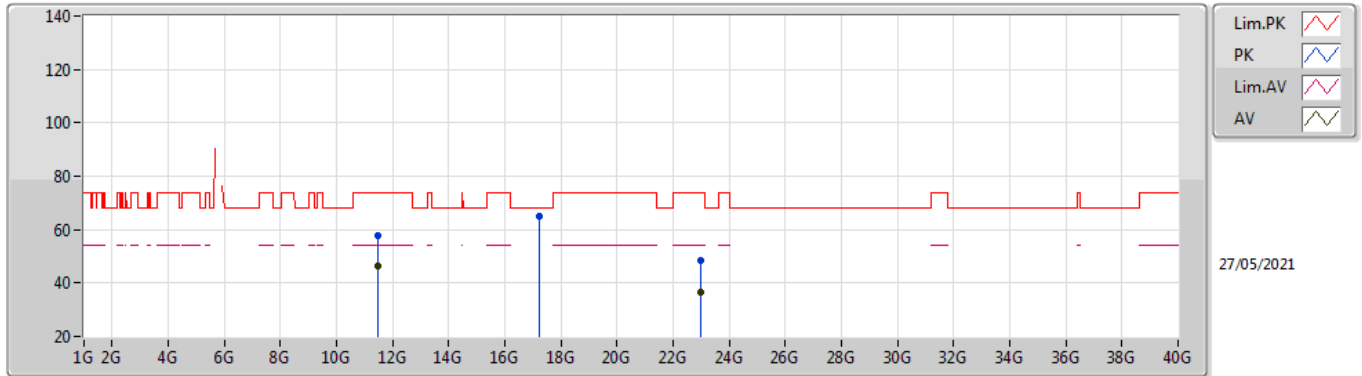
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7522G	100.24	Inf	-Inf	7.22	3	Horizontal	76	1.52	-	93.02	32.00	9.51	34.29
PK	5.6286G	60.50	68.20	-7.70	6.86	3	Horizontal	76	1.52	-	53.64	31.66	9.47	34.27
PK	5.7522G	109.97	Inf	-Inf	7.22	3	Horizontal	76	1.52	-	102.75	32.00	9.51	34.29
PK	6.015G	60.02	68.20	-8.18	7.75	3	Horizontal	76	1.52	-	52.27	32.37	9.69	34.31

802.11a_Nss1,(6Mbps)_2TX

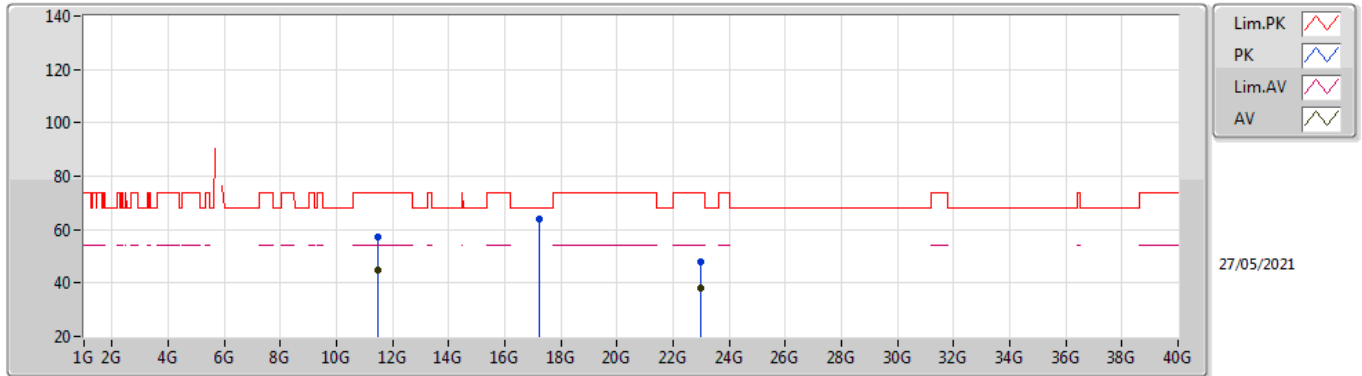
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.49064G	46.22	54.00	-7.78	18.66	3	Vertical	218	1.50	-	27.56	39.98	12.84	34.16
AV	22.9798G	36.79	54.00	-17.21	-8.37	3	Vertical	19	2.01	-	45.16	39.58	17.86	56.27
PK	11.48156G	57.95	74.00	-16.05	18.63	3	Vertical	218	1.50	-	39.32	39.96	12.83	34.16
PK	17.2298G	65.15	68.20	-3.05	21.98	3	Vertical	244	2.86	-	43.17	39.59	15.67	33.28
PK	22.986G	48.33	74.00	-25.67	-8.38	3	Vertical	19	2.01	-	56.71	39.58	17.86	56.28

802.11a_Nss1,(6Mbps)_2TX

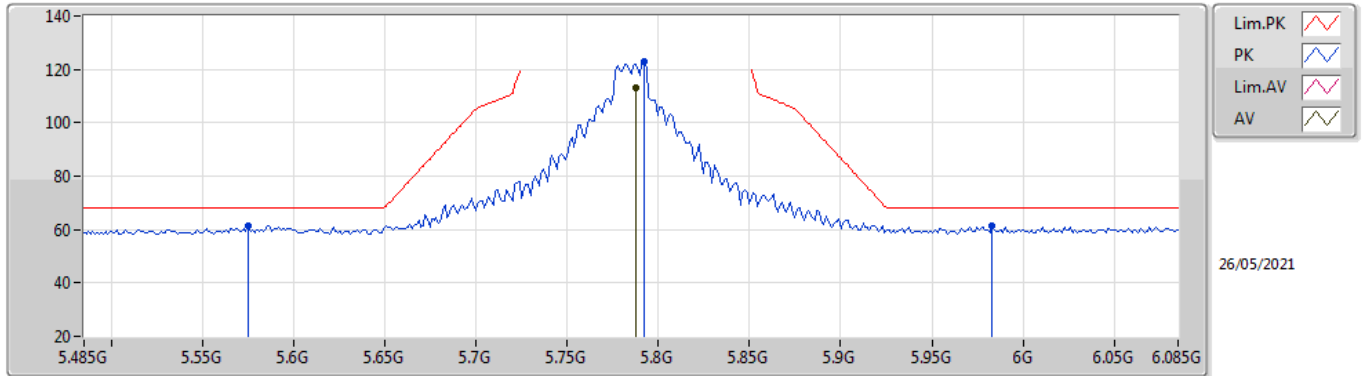
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4856G	44.78	54.00	-9.22	18.64	3	Horizontal	110	1.50	-	26.14	39.97	12.83	34.16
AV	22.9797G	38.05	54.00	-15.95	-8.37	3	Horizontal	66	2.03	-	46.42	39.58	17.86	56.27
PK	11.49296G	57.17	74.00	-16.83	18.67	3	Horizontal	110	1.50	-	38.50	39.99	12.84	34.16
PK	17.22976G	63.88	68.20	-4.32	21.98	3	Horizontal	309	1.46	-	41.90	39.59	15.67	33.28
PK	22.9796G	47.89	74.00	-26.11	-8.37	3	Horizontal	66	2.03	-	56.26	39.58	17.86	56.27

802.11a_Nss1,(6Mbps)_2TX

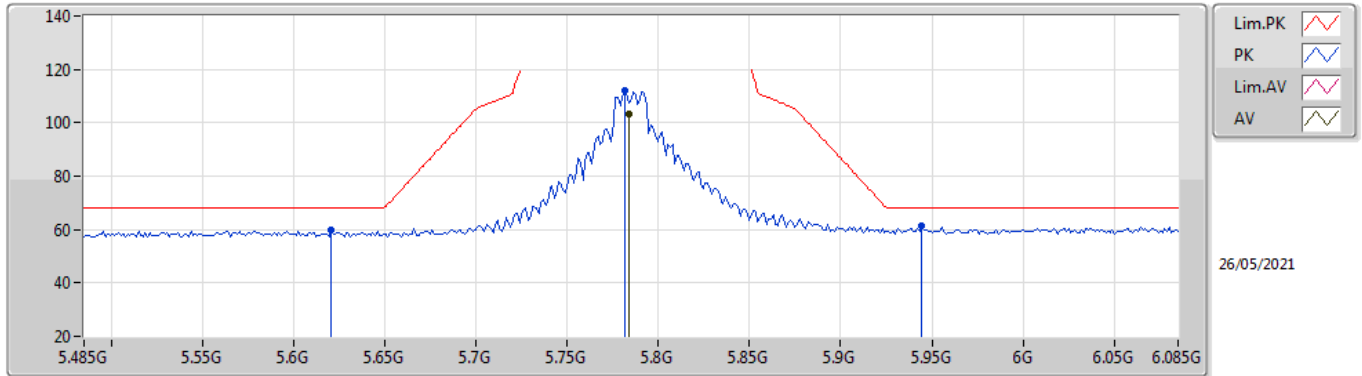
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7874G	112.92	Inf	-Inf	7.23	3	Vertical	322	1.50	-	105.69	32.00	9.52	34.29
PK	5.575G	61.29	68.20	-6.91	6.77	3	Vertical	322	1.50	-	54.52	31.60	9.44	34.27
PK	5.7922G	122.98	Inf	-Inf	7.23	3	Vertical	322	1.50	-	115.75	32.00	9.52	34.29
PK	5.983G	61.22	68.20	-6.98	7.73	3	Vertical	322	1.50	-	53.49	32.37	9.67	34.31

802.11a_Nss1,(6Mbps)_2TX

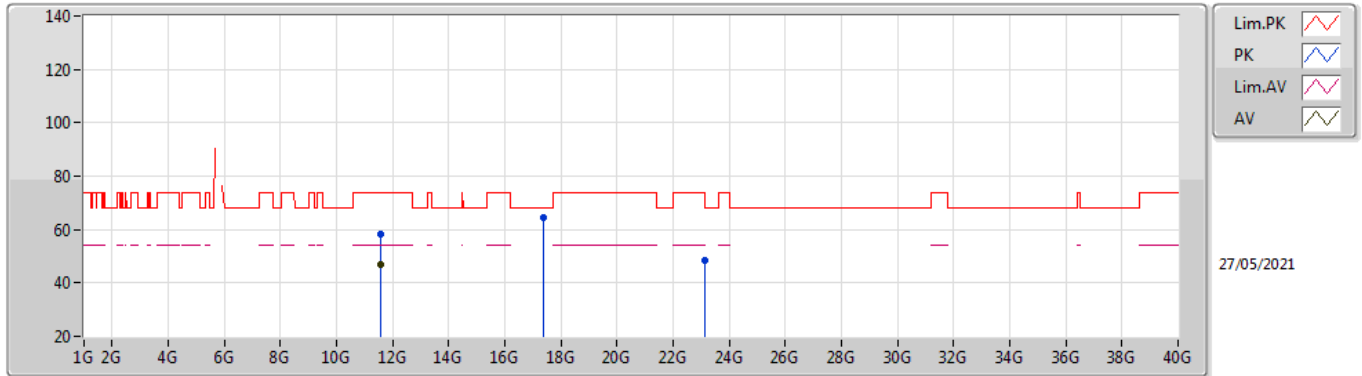
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7838G	103.19	Inf	-Inf	7.23	3	Horizontal	73	1.46	-	95.96	32.00	9.52	34.29
PK	5.6206G	59.62	68.20	-8.58	6.84	3	Horizontal	73	1.46	-	52.78	31.64	9.47	34.27
PK	5.7814G	111.83	Inf	-Inf	7.22	3	Horizontal	73	1.46	-	104.61	32.00	9.51	34.29
PK	5.9446G	61.48	68.20	-6.72	7.64	3	Horizontal	73	1.46	-	53.84	32.30	9.64	34.30

802.11a_Nss1,(6Mbps)_2TX

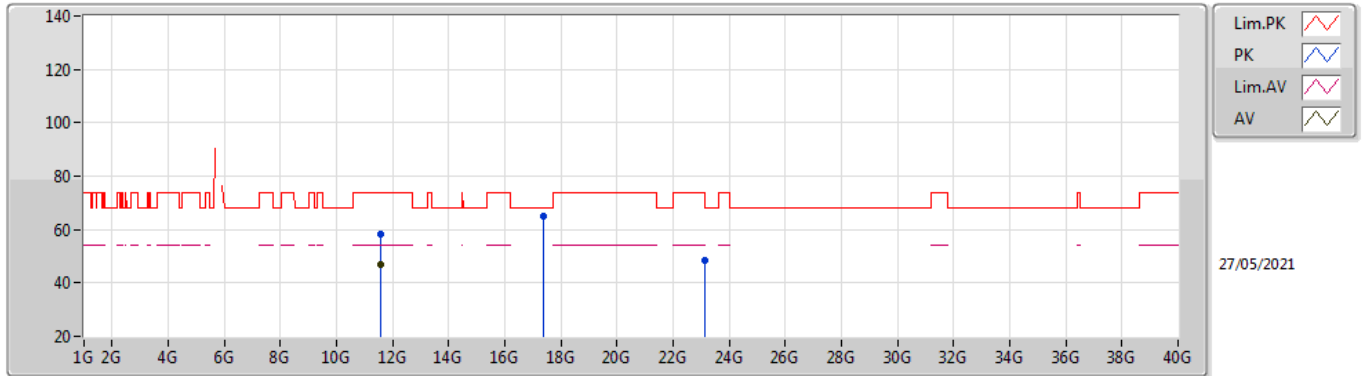
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5718G	46.64	54.00	-7.36	18.61	3	Vertical	0	1.50	-	28.03	39.93	12.87	34.19
PK	11.57288G	58.20	74.00	-15.80	18.61	3	Vertical	0	1.50	-	39.59	39.93	12.87	34.19
PK	17.3568G	64.43	68.20	-3.77	22.75	3	Vertical	243	2.90	-	41.68	40.25	15.74	33.24
PK	23.13622G	48.25	68.20	-19.95	-8.14	3	Vertical	129	1.95	-	56.39	39.82	17.91	56.33

802.11a_Nss1,(6Mbps)_2TX

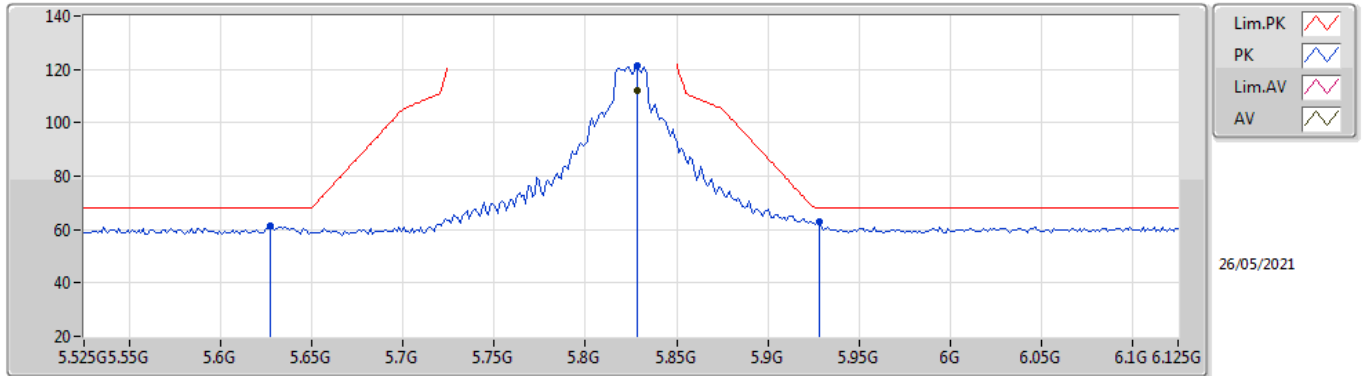
5785MHz_TX



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	11.57156G	46.64	54.00	-7.36	18.61	3	Horizontal	254	2.57	-	28.03	39.93	12.87	34.19
PK	11.5718G	58.30	74.00	-15.70	18.61	3	Horizontal	254	2.57	-	39.69	39.93	12.87	34.19
PK	17.35944G	64.83	68.20	-3.37	22.79	3	Horizontal	306	1.50	-	42.04	40.28	15.75	33.24
PK	23.14012G	48.69	68.20	-19.51	-8.14	3	Horizontal	248	2.20	-	56.83	39.82	17.91	56.33

802.11a_Nss1,(6Mbps)_2TX

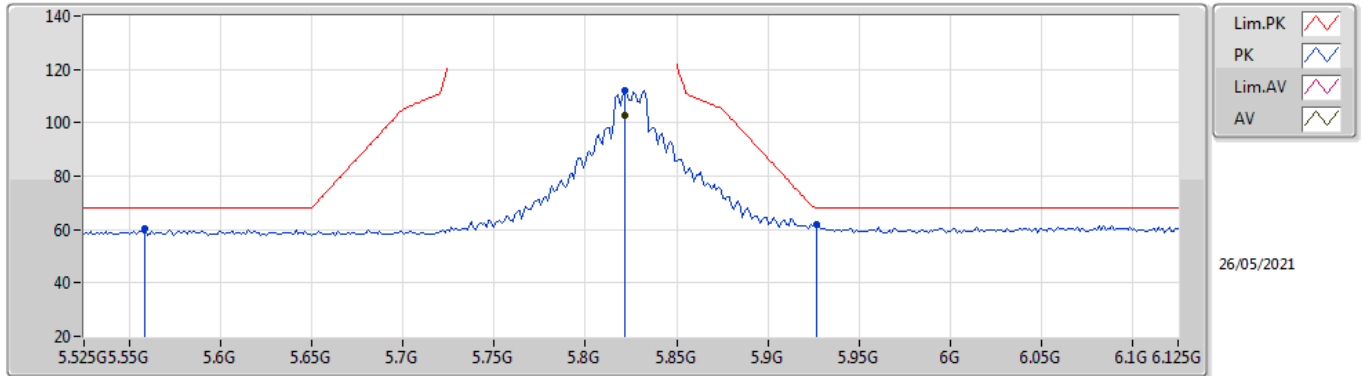
5825MHz_TX



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	5.8286G	112.06	Inf	-Inf	7.36	3	Vertical	320	1.33	-	104.70	32.11	9.54	34.29
PK	5.627G	61.42	68.20	-6.78	6.85	3	Vertical	320	1.33	-	54.57	31.65	9.47	34.27
PK	5.8286G	121.52	Inf	-Inf	7.36	3	Vertical	320	1.33	-	114.16	32.11	9.54	34.29
PK	5.9282G	63.01	68.20	-5.19	7.62	3	Vertical	320	1.33	-	55.39	32.30	9.62	34.30

802.11a_Nss1,(6Mbps)_2TX

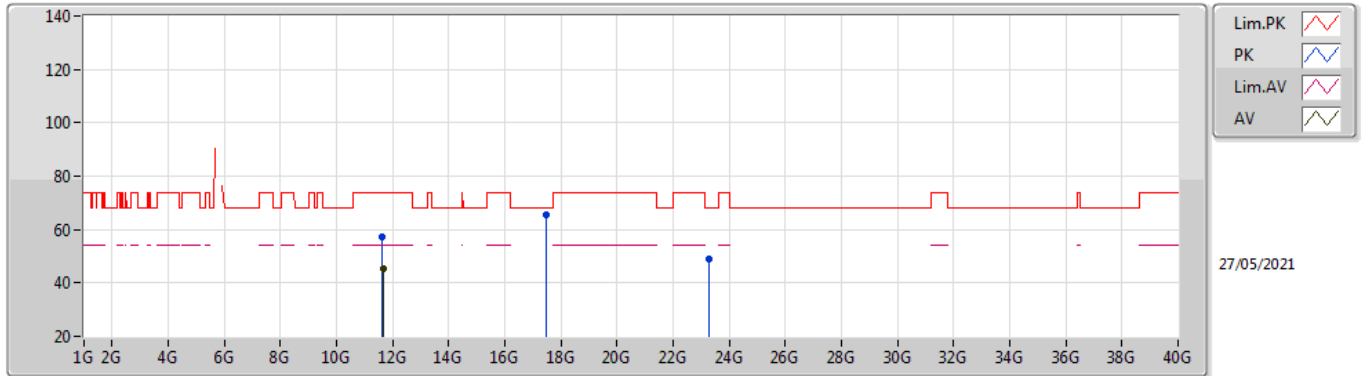
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8214G	102.71	Inf	-Inf	7.34	3	Horizontal	69	1.38	-	95.37	32.09	9.54	34.29
PK	5.5586G	60.17	68.20	-8.03	6.76	3	Horizontal	69	1.38	-	53.41	31.60	9.43	34.27
PK	5.8214G	112.06	Inf	-Inf	7.34	3	Horizontal	69	1.38	-	104.72	32.09	9.54	34.29
PK	5.927G	61.64	68.20	-6.56	7.62	3	Horizontal	69	1.38	-	54.02	32.30	9.62	34.30

802.11a_Nss1,(6Mbps)_2TX

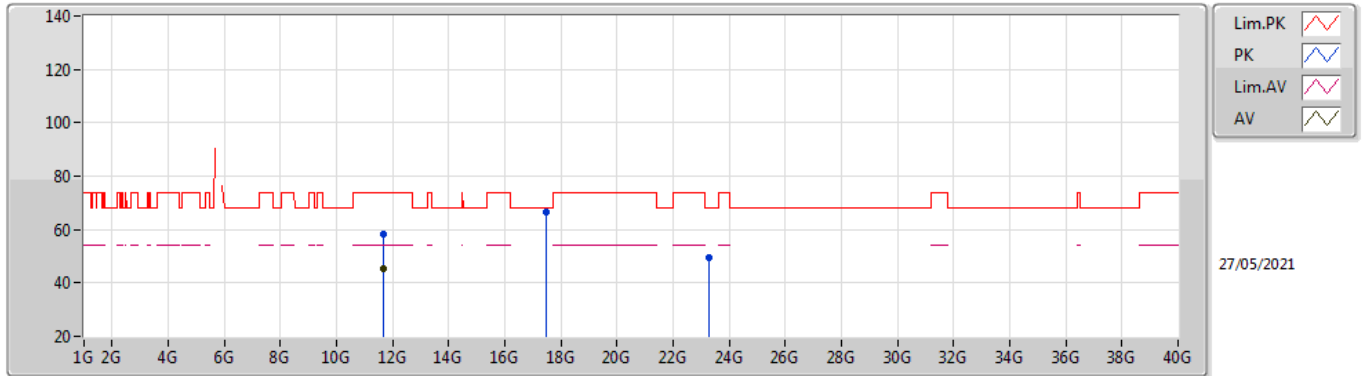
5825MHz_TX



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	11.65252G	45.40	54.00	-8.60	18.20	3	Vertical	1	1.50	-	27.20	39.53	12.90	34.23
PK	11.64748G	57.32	74.00	-16.68	18.24	3	Vertical	1	1.50	-	39.08	39.57	12.90	34.23
PK	17.47458G	65.67	68.20	-2.53	23.66	3	Vertical	244	2.76	-	42.01	41.05	15.81	33.20
PK	23.29256G	48.92	68.20	-19.28	-8.00	3	Vertical	206	1.50	-	56.92	39.95	17.95	56.36

802.11a_Nss1,(6Mbps)_2TX

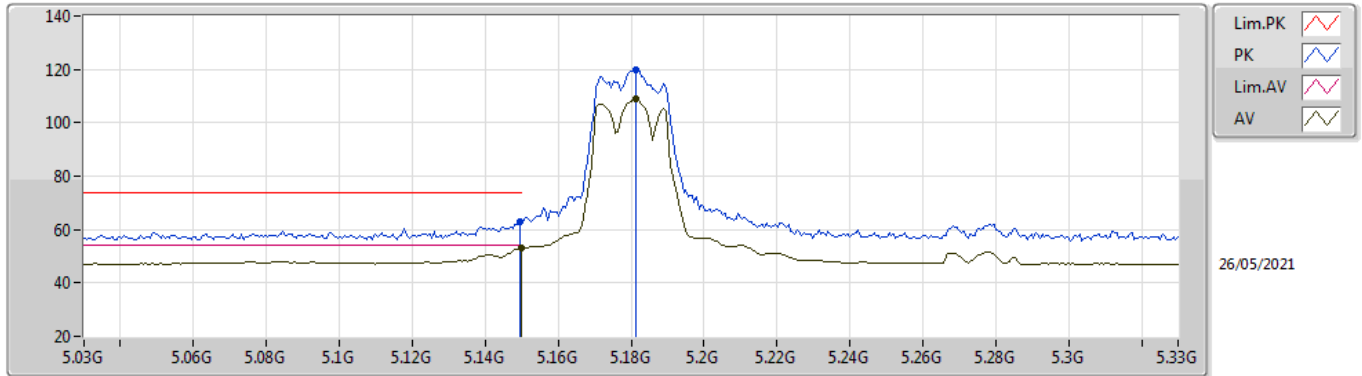
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64766G	45.23	54.00	-8.77	18.24	3	Horizontal	37	1.50	-	26.99	39.57	12.90	34.23
PK	11.64802G	58.07	74.00	-15.93	18.23	3	Horizontal	37	1.50	-	39.84	39.56	12.90	34.23
PK	17.46952G	66.64	68.20	-1.56	23.63	3	Horizontal	289	1.60	-	43.01	41.02	15.81	33.20
PK	23.29184G	49.63	68.20	-18.57	-8.00	3	Horizontal	224	2.28	-	57.63	39.95	17.95	56.36

802.11ax HEW20_Nss1,(MCS0)_2TX

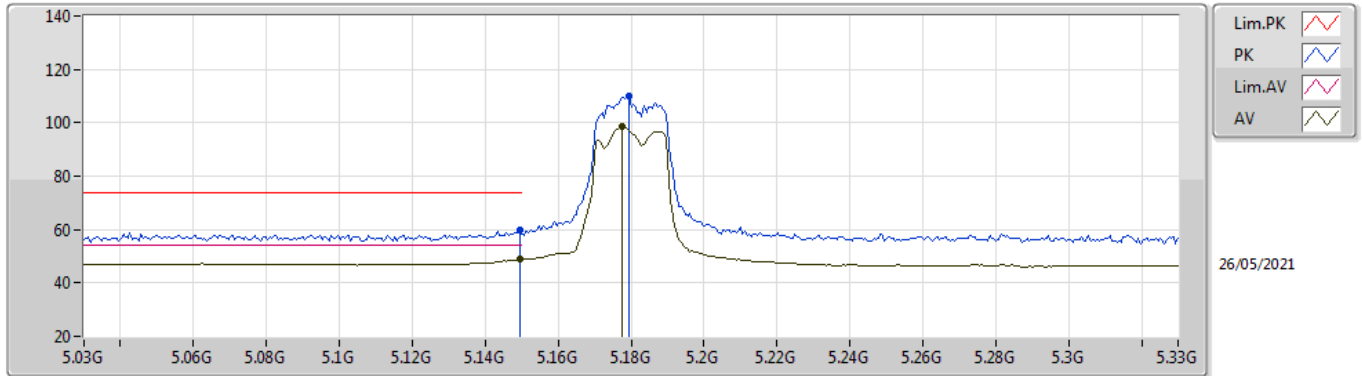
5180MHz_TX



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	5.15G	53.28	54.00	-0.72	6.54	3	Vertical	142	1.78	-	46.74	31.70	9.07	34.23
AV	5.1812G	108.88	Inf	-Inf	6.43	3	Vertical	142	1.78	-	102.45	31.58	9.08	34.23
PK	5.1494G	62.85	74.00	-11.15	6.54	3	Vertical	142	1.78	-	56.31	31.70	9.07	34.23
PK	5.1812G	119.86	Inf	-Inf	6.43	3	Vertical	142	1.78	-	113.43	31.58	9.08	34.23

802.11ax HEW20_Nss1,(MCS0)_2TX

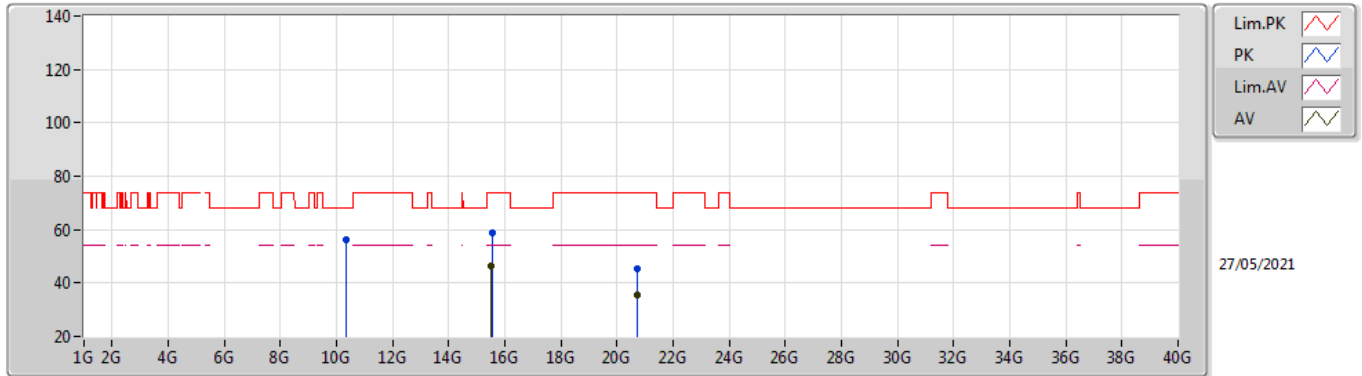
5180MHz_TX



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	5.1494G	48.78	54.00	-5.22	6.54	3	Horizontal	142	1.54	-	42.24	31.70	9.07	34.23
AV	5.1776G	98.45	Inf	-Inf	6.44	3	Horizontal	142	1.54	-	92.01	31.59	9.08	34.23
PK	5.1494G	59.79	74.00	-14.21	6.54	3	Horizontal	142	1.54	-	53.25	31.70	9.07	34.23
PK	5.1794G	109.77	Inf	-Inf	6.43	3	Horizontal	142	1.54	-	103.34	31.58	9.08	34.23

802.11ax HEW20_Nss1,(MCS0)_2TX

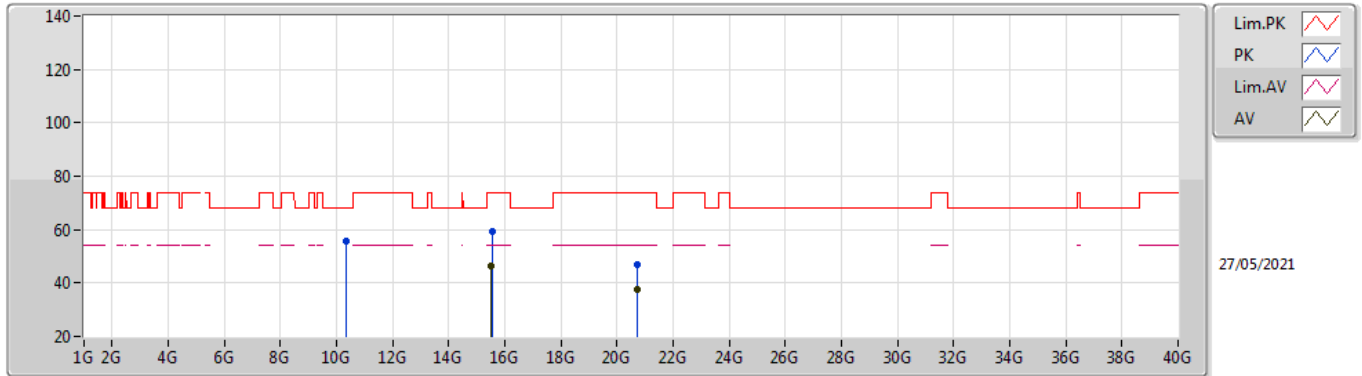
5180MHz_TX



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	15.5163G	46.38	54.00	-7.62	18.84	3	Vertical	165	1.50	-	27.54	38.39	14.80	34.35
AV	20.71976G	35.48	54.00	-18.52	-8.63	3	Vertical	14	1.98	-	44.11	38.14	16.89	54.12
PK	10.3385G	56.02	68.20	-12.18	16.98	3	Vertical	74	1.50	-	39.04	39.32	12.35	34.69
PK	15.5381G	59.04	74.00	-14.96	18.65	3	Vertical	165	1.50	-	40.39	38.23	14.80	34.38
PK	20.72G	45.39	74.00	-28.61	-8.63	3	Vertical	14	1.98	-	54.02	38.14	16.89	54.12

802.11ax HEW20_Nss1,(MCS0)_2TX

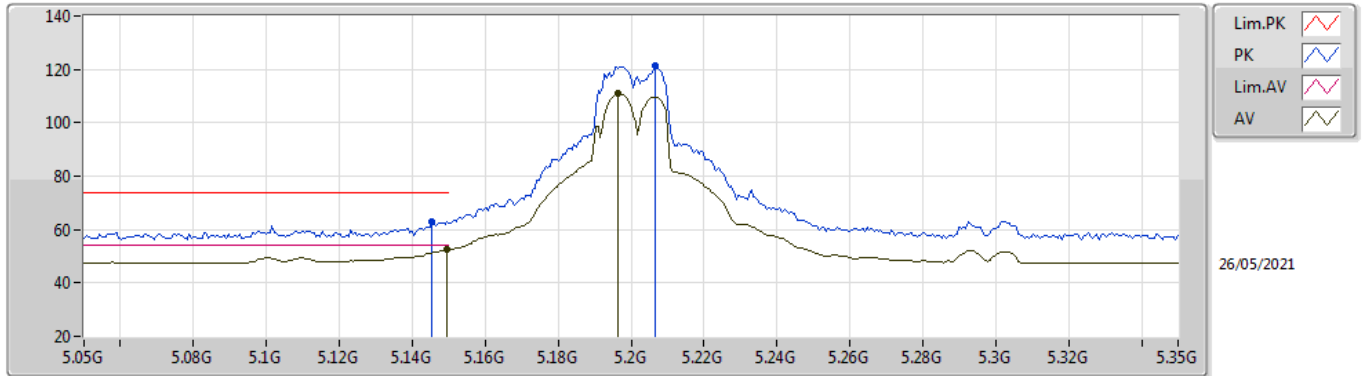
5180MHz_TX



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	15.5164G	46.37	54.00	-7.63	18.83	3	Horizontal	0	1.50	-	27.54	38.39	14.80	34.36
AV	20.71976G	37.75	54.00	-16.25	-8.63	3	Horizontal	66	2.22	-	46.38	38.14	16.89	54.12
PK	10.3424G	55.54	68.20	-12.66	16.99	3	Horizontal	307	1.50	-	38.55	39.33	12.35	34.69
PK	15.5621G	59.08	74.00	-14.92	18.48	3	Horizontal	0	1.50	-	40.60	38.07	14.81	34.40
PK	20.71988G	46.98	74.00	-27.02	-8.63	3	Horizontal	66	2.22	-	55.61	38.14	16.89	54.12

802.11ax HEW20_Nss1,(MCS0)_2TX

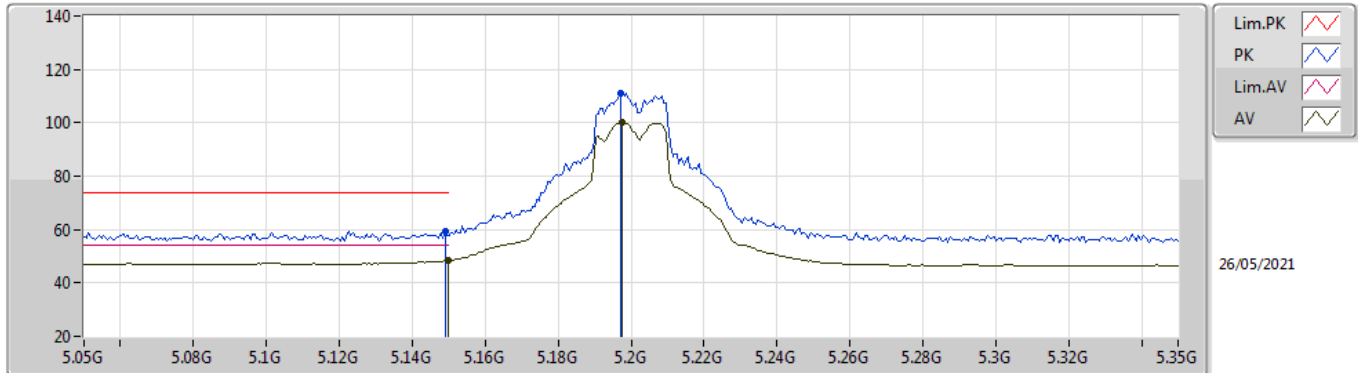
5200MHz_TX



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	5.1496G	52.36	54.00	-1.64	6.54	3	Vertical	142	1.50	-	45.82	31.70	9.07	34.23
AV	5.1964G	110.87	Inf	-Inf	6.35	3	Vertical	142	1.50	-	104.52	31.51	9.08	34.24
PK	5.1454G	63.17	74.00	-10.83	6.54	3	Vertical	142	1.50	-	56.63	31.70	9.07	34.23
PK	5.2066G	121.59	Inf	-Inf	6.31	3	Vertical	142	1.50	-	115.28	31.46	9.09	34.24

802.11ax HEW20_Nss1,(MCS0)_2TX

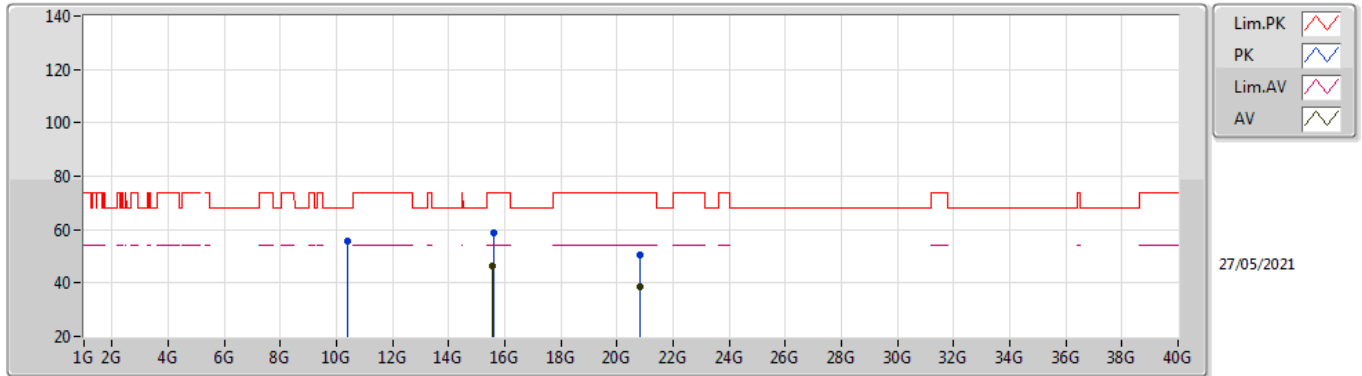
5200MHz_TX



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	5.15G	48.45	54.00	-5.55	6.54	3	Horizontal	143	1.60	-	41.91	31.70	9.07	34.23
AV	5.1976G	100.34	Inf	-Inf	6.35	3	Horizontal	143	1.60	-	93.99	31.51	9.08	34.24
PK	5.149G	59.46	74.00	-14.54	6.54	3	Horizontal	143	1.60	-	52.92	31.70	9.07	34.23
PK	5.197G	111.15	Inf	-Inf	6.35	3	Horizontal	143	1.60	-	104.80	31.51	9.08	34.24

802.11ax HEW20_Nss1,(MCS0)_2TX

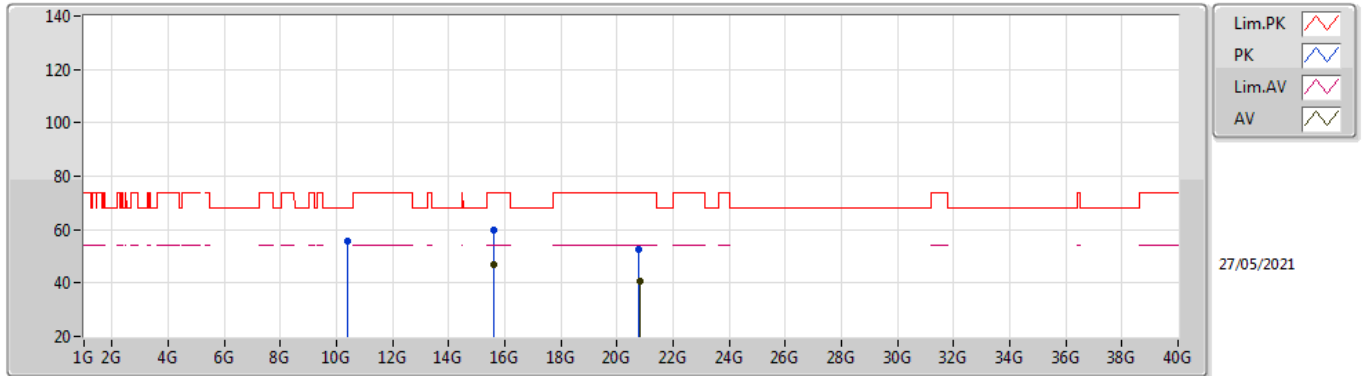
5200MHz_TX



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	15.5781G	46.17	54.00	-7.83	18.36	3	Vertical	218	1.50	-	27.81	37.95	14.82	34.41
AV	20.79976G	38.83	54.00	-15.17	-8.60	3	Vertical	10	1.93	-	47.43	38.20	16.94	54.20
PK	10.3989G	55.59	68.20	-12.61	17.23	3	Vertical	112	1.31	-	38.36	39.50	12.38	34.65
PK	15.6135G	58.58	74.00	-15.42	18.22	3	Vertical	218	1.50	-	40.36	37.83	14.83	34.44
PK	20.7997G	50.72	74.00	-23.28	-8.60	3	Vertical	10	1.93	-	59.32	38.20	16.94	54.20

802.11ax HEW20_Nss1,(MCS0)_2TX

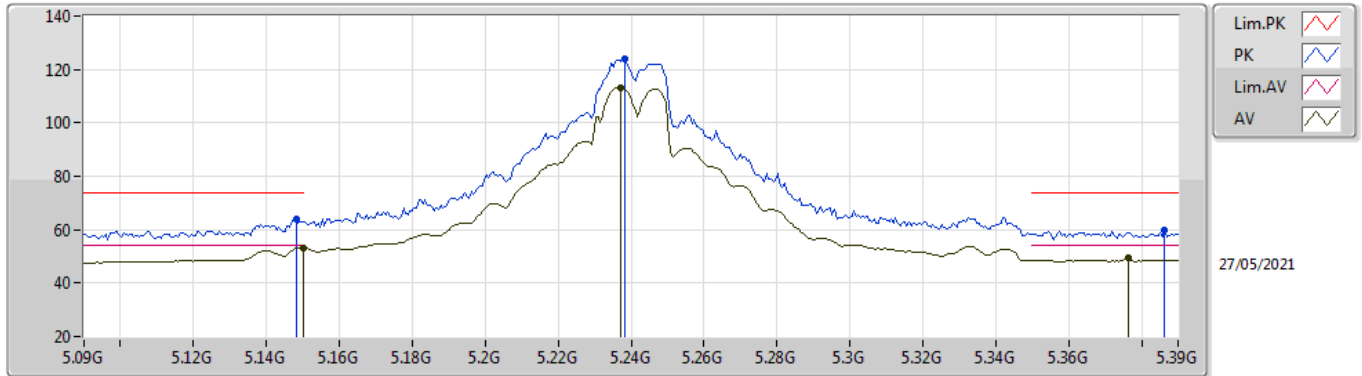
5200MHz_TX



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	15.6011G	46.64	54.00	-7.36	18.19	3	Horizontal	254	2.98	-	28.45	37.80	14.82	34.43
AV	20.79976G	40.82	54.00	-13.18	-8.60	3	Horizontal	63	2.15	-	49.42	38.20	16.94	54.20
PK	10.3975G	55.81	68.20	-12.39	17.22	3	Horizontal	316	1.66	-	38.59	39.49	12.38	34.65
PK	15.603G	59.82	74.00	-14.18	18.20	3	Horizontal	254	2.98	-	41.62	37.81	14.82	34.43
PK	20.79166G	52.38	74.00	-21.62	-8.62	3	Horizontal	63	2.15	-	61.00	38.18	16.93	54.19

802.11ax HEW20_Nss1,(MCS0)_2TX

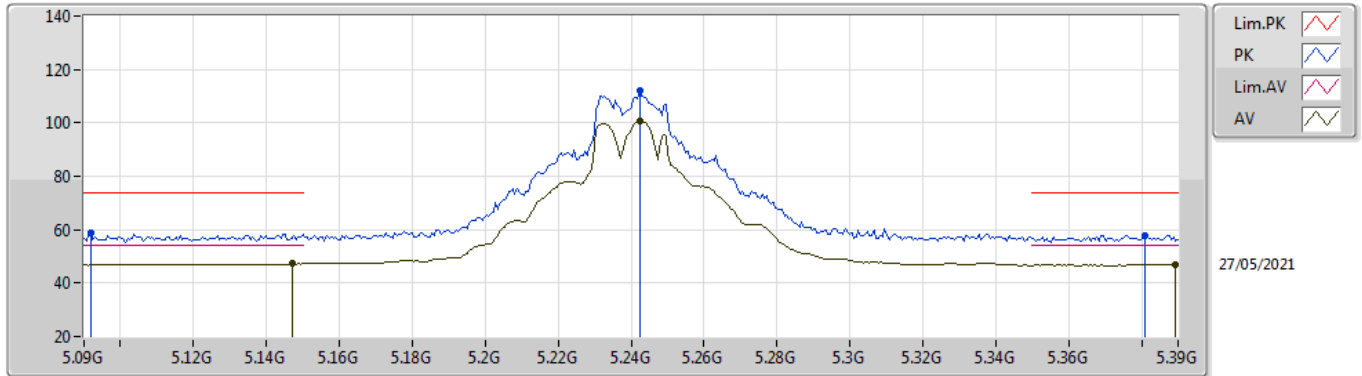
5240MHz_TX



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	53.19	54.00	-0.81	6.54	3	Vertical	142	1.50	-	46.65	31.70	9.07	34.23
AV	5.237G	113.35	Inf	-Inf	6.16	3	Vertical	142	1.50	-	107.19	31.28	9.12	34.24
AV	5.3762G	49.59	54.00	-4.41	6.18	3	Vertical	142	1.50	-	43.41	31.16	9.27	34.25
PK	5.1482G	64.16	74.00	-9.84	6.54	3	Vertical	142	1.50	-	57.62	31.70	9.07	34.23
PK	5.2382G	124.03	Inf	-Inf	6.15	3	Vertical	142	1.50	-	117.88	31.27	9.12	34.24
PK	5.3864G	59.74	74.00	-14.26	6.26	3	Vertical	142	1.50	-	53.48	31.22	9.29	34.25

802.11ax HEW20_Nss1,(MCS0)_2TX

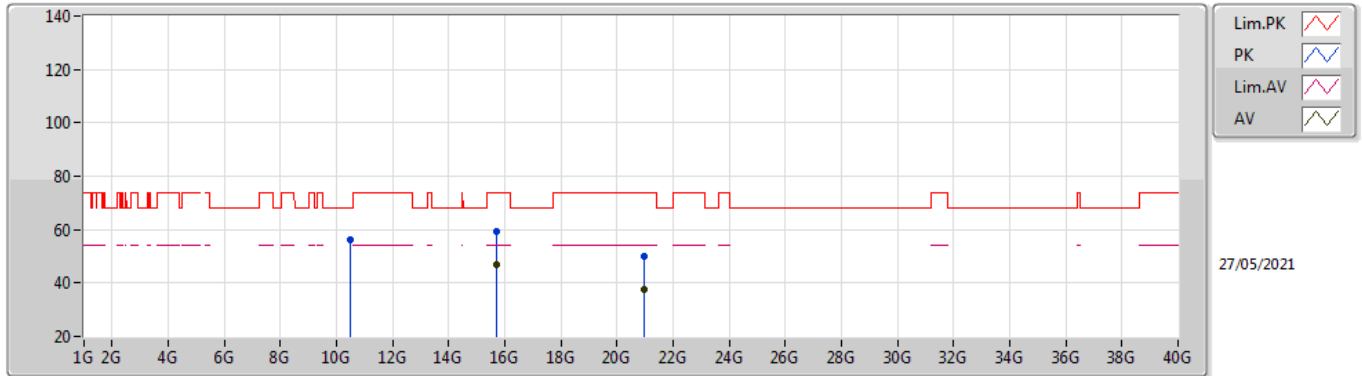
5240MHz_TX



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	5.147G	47.34	54.00	-6.66	6.54	3	Horizontal	309	1.50	-	40.80	31.70	9.07	34.23
AV	5.2424G	100.83	Inf	-Inf	6.14	3	Horizontal	309	1.50	-	94.69	31.25	9.13	34.24
AV	5.3894G	46.92	54.00	-7.08	6.28	3	Horizontal	309	1.50	-	40.64	31.24	9.29	34.25
PK	5.0918G	58.74	74.00	-15.26	6.50	3	Horizontal	309	1.50	-	52.24	31.67	9.06	34.23
PK	5.2424G	112.05	Inf	-Inf	6.14	3	Horizontal	309	1.50	-	105.91	31.25	9.13	34.24
PK	5.381G	57.98	74.00	-16.02	6.22	3	Horizontal	309	1.50	-	51.76	31.19	9.28	34.25

802.11ax HEW20_Nss1,(MCS0)_2TX

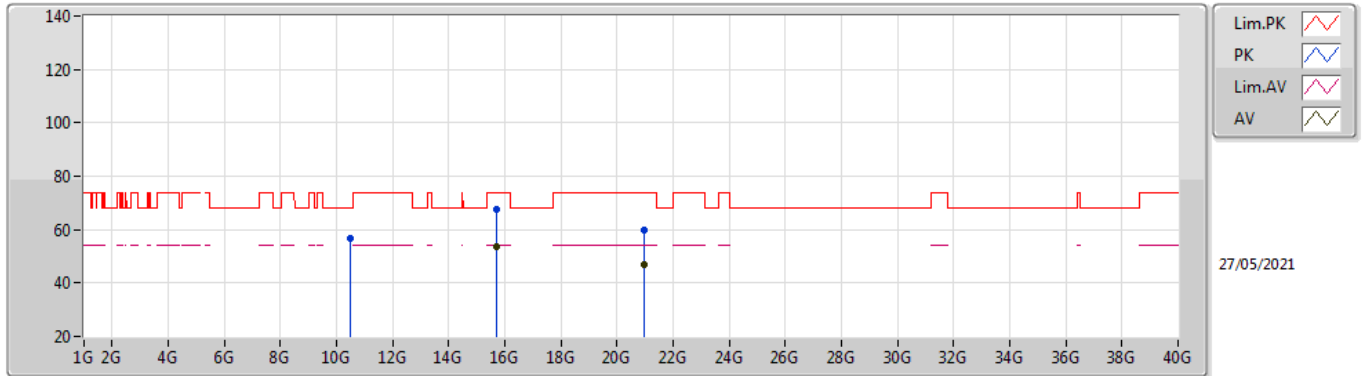
5240MHz_TX



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	15.7265G	46.89	54.00	-7.11	18.20	3	Vertical	219	1.50	-	28.69	37.89	14.86	34.55
AV	20.9568G	37.53	54.00	-16.47	-8.37	3	Vertical	164.6	1.92	-	45.90	38.51	17.02	54.36
PK	10.503G	56.33	68.20	-11.87	17.55	3	Vertical	4	1.50	-	38.78	39.70	12.42	34.57
PK	15.7144G	59.21	74.00	-14.79	18.26	3	Vertical	219	1.50	-	40.95	37.94	14.86	34.54
PK	20.9498G	50.14	74.00	-23.86	-8.38	3	Vertical	164.6	1.92	-	58.52	38.50	17.01	54.35

802.11ax HEW20_Nss1,(MCS0)_2TX

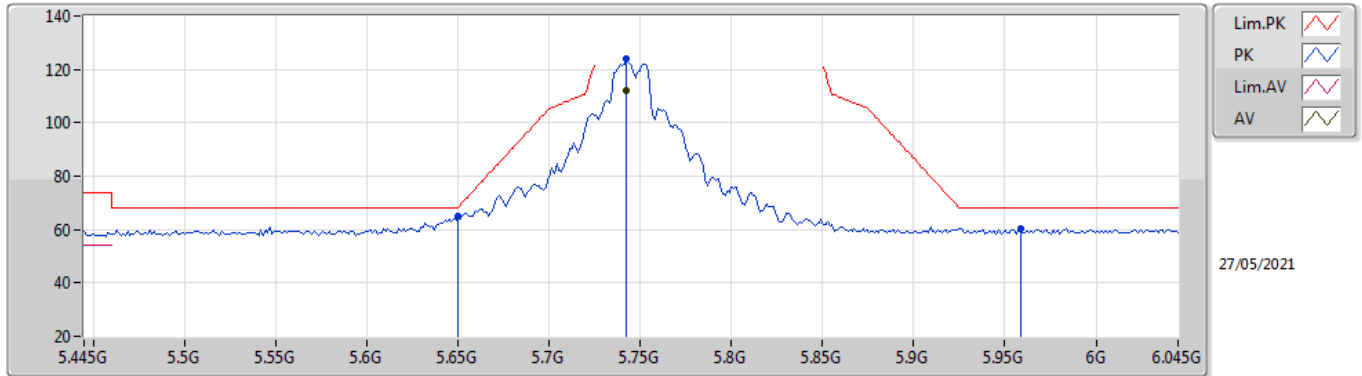
5240MHz_TX



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	15.7194G	53.68	54.00	-0.32	18.24	3	Horizontal	244	1.55	-	35.44	37.92	14.86	34.54
AV	20.9628G	47.02	54.00	-6.98	-8.35	3	Horizontal	64	2.22	-	55.37	38.53	17.02	54.36
PK	10.4802G	56.84	68.20	-11.36	17.48	3	Horizontal	77	1.50	-	39.36	39.66	12.41	34.59
PK	15.7106G	67.38	74.00	-6.62	18.29	3	Horizontal	244	1.55	-	49.09	37.96	14.86	34.53
PK	20.9644G	59.92	74.00	-14.08	-8.35	3	Horizontal	64	2.22	-	68.27	38.53	17.02	54.36

802.11ax HEW20_Nss1,(MCS0)_2TX

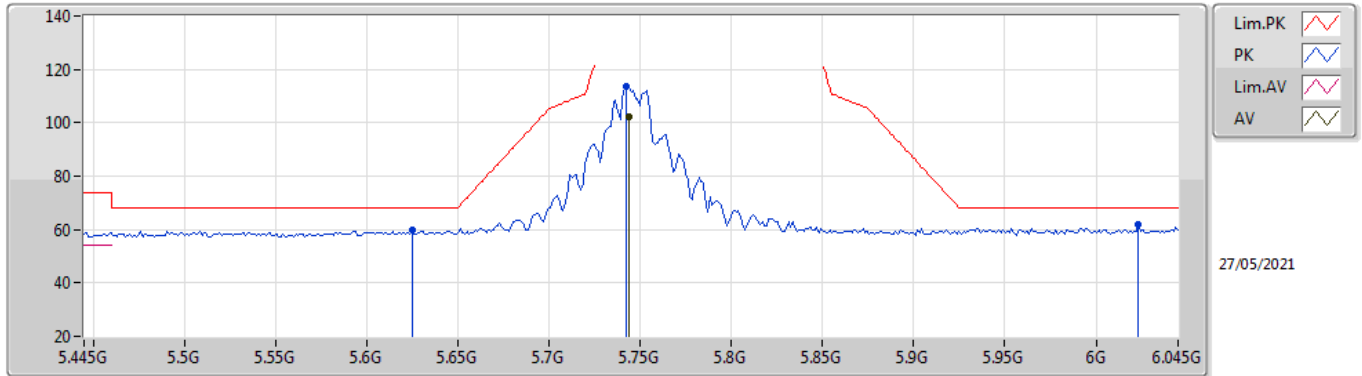
5745MHz_TX



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	5.7426G	112.11	Inf	-Inf	7.19	3	Vertical	342	1.50	-	104.92	31.97	9.50	34.28
PK	5.6502G	64.98	68.35	-3.37	6.90	3	Vertical	342	1.50	-	58.08	31.70	9.48	34.28
PK	5.7426G	123.71	Inf	-Inf	7.19	3	Vertical	342	1.50	-	116.52	31.97	9.50	34.28
PK	5.9586G	60.21	68.20	-7.99	7.66	3	Vertical	342	1.50	-	52.55	32.32	9.65	34.31

802.11ax HEW20_Nss1,(MCS0)_2TX

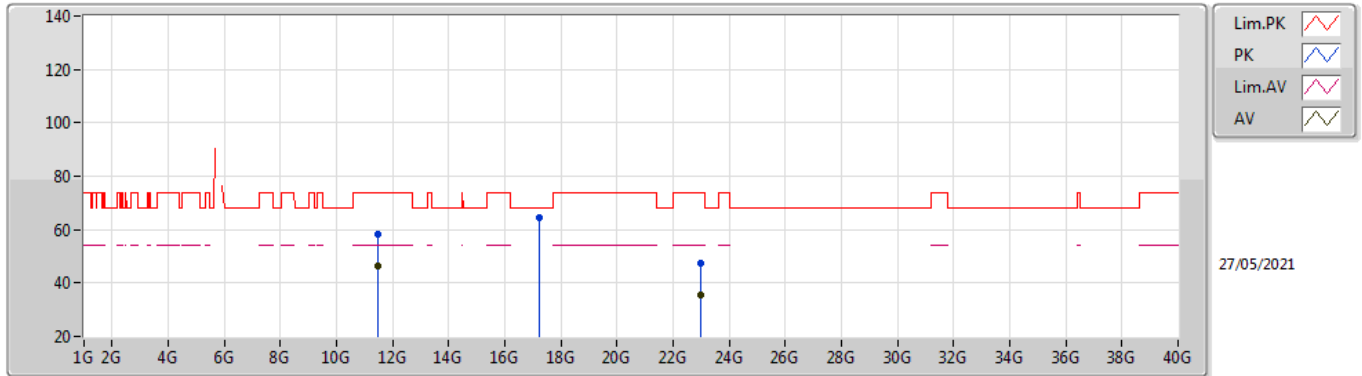
5745MHz_TX



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	5.7438G	102.49	Inf	-Inf	7.20	3	Horizontal	69	1.37	-	95.29	31.98	9.50	34.28
PK	5.625G	60.04	68.20	-8.16	6.85	3	Horizontal	69	1.37	-	53.19	31.65	9.47	34.27
PK	5.7426G	113.48	Inf	-Inf	7.19	3	Horizontal	69	1.37	-	106.29	31.97	9.50	34.28
PK	6.0234G	61.67	68.20	-6.53	7.74	3	Horizontal	69	1.37	-	53.93	32.35	9.70	34.31

802.11ax HEW20_Nss1,(MCS0)_2TX

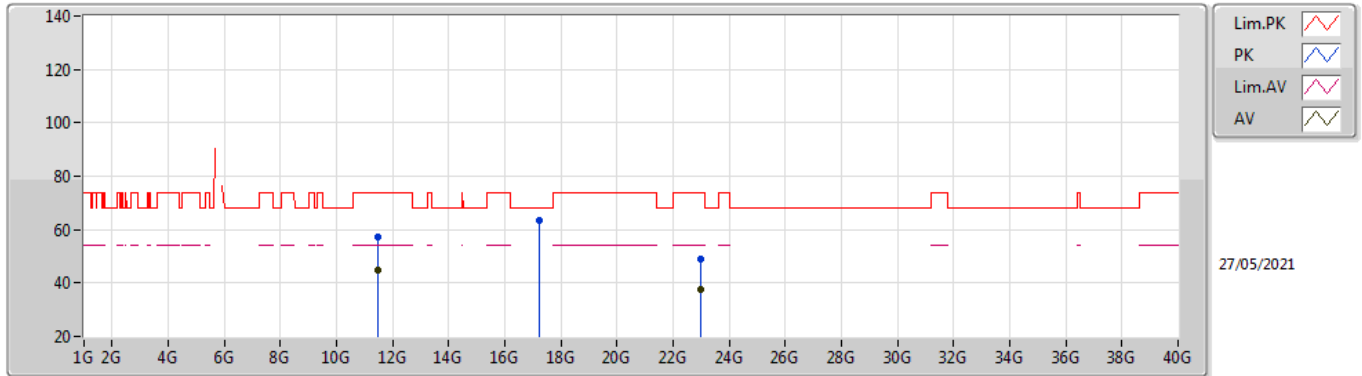
5745MHz_TX



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	11.4935G	46.22	54.00	-7.78	18.67	3	Vertical	216	1.46	-	27.55	39.99	12.84	34.16
AV	22.97988G	35.34	54.00	-18.66	-8.37	3	Vertical	54	2.02	-	43.71	39.58	17.86	56.27
PK	11.4914G	58.28	74.00	-15.72	18.66	3	Vertical	216	1.46	-	39.62	39.98	12.84	34.16
PK	17.2302G	64.33	68.20	-3.87	21.98	3	Vertical	245	2.00	-	42.35	39.59	15.67	33.28
PK	22.97106G	47.20	74.00	-26.80	-8.37	3	Vertical	54	2.02	-	55.57	39.57	17.86	56.26

802.11ax HEW20_Nss1,(MCS0)_2TX

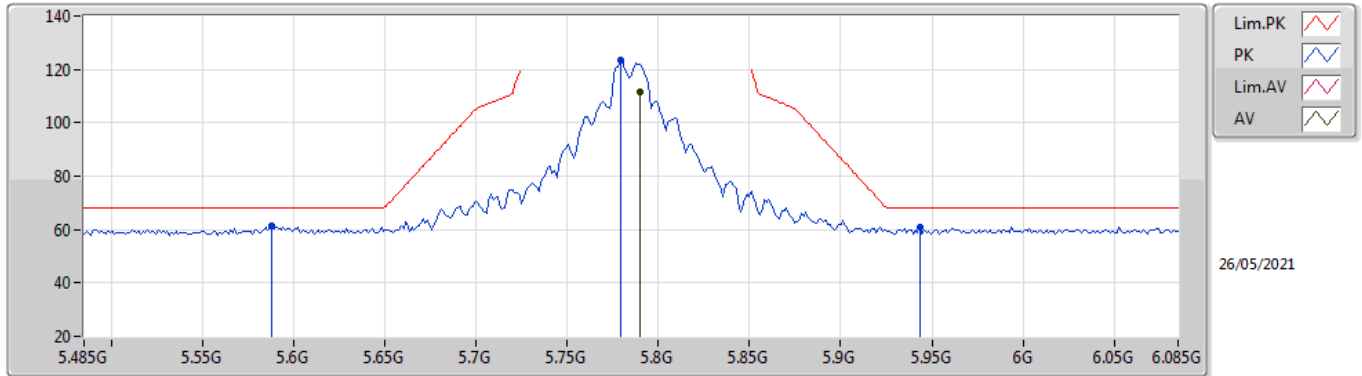
5745MHz_TX



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	11.4901G	44.93	54.00	-9.07	18.66	3	Horizontal	72	1.31	-	26.27	39.98	12.84	34.16
AV	22.97976G	37.62	54.00	-16.38	-8.37	3	Horizontal	66	2.02	-	45.99	39.58	17.86	56.27
PK	11.4886G	57.44	74.00	-16.56	18.66	3	Horizontal	72	1.31	-	38.78	39.98	12.84	34.16
PK	17.2337G	63.50	68.20	-4.70	21.99	3	Horizontal	307	1.50	-	41.51	39.60	15.67	33.28
PK	22.97994G	48.92	74.00	-25.08	-8.37	3	Horizontal	66	2.02	-	57.29	39.58	17.86	56.27

802.11ax HEW20_Nss1,(MCS0)_2TX

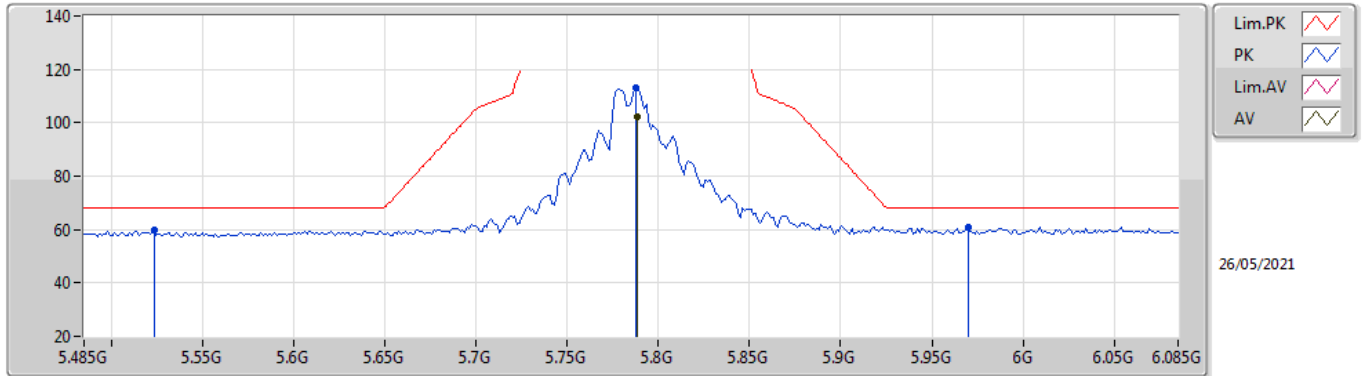
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7898G	111.47	Inf	-Inf	7.23	3	Vertical	322	1.50	-	104.24	32.00	9.52	34.29
PK	5.5882G	61.36	68.20	-6.84	6.78	3	Vertical	322	1.50	-	54.58	31.60	9.45	34.27
PK	5.779G	123.26	Inf	-Inf	7.22	3	Vertical	322	1.50	-	116.04	32.00	9.51	34.29
PK	5.9434G	61.06	68.20	-7.14	7.63	3	Vertical	322	1.50	-	53.43	32.30	9.63	34.30

802.11ax HEW20_Nss1,(MCS0)_2TX

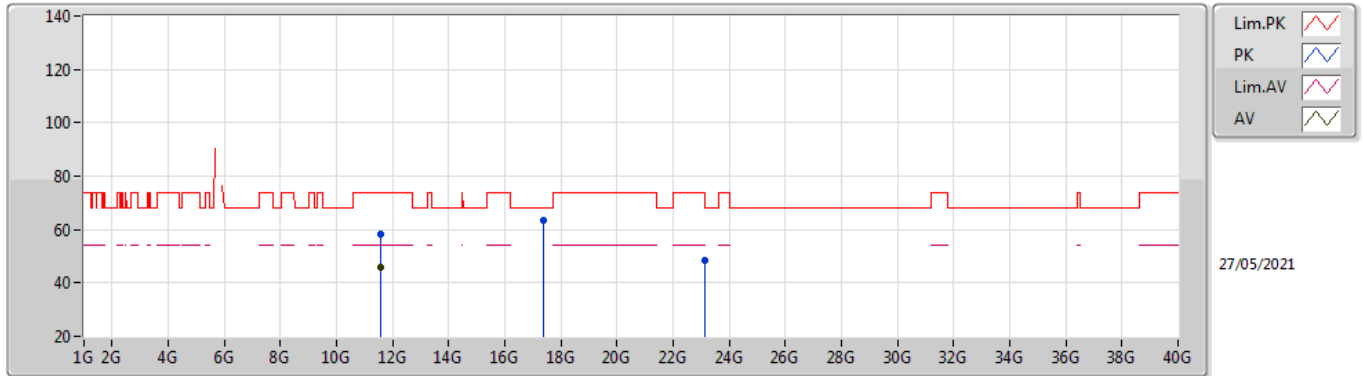
5785MHz_TX



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	5.7886G	102.45	Inf	-Inf	7.23	3	Horizontal	71	1.46	-	95.22	32.00	9.52	34.29
PK	5.5234G	59.70	68.20	-8.50	6.79	3	Horizontal	71	1.46	-	52.91	31.65	9.40	34.26
PK	5.7874G	112.91	Inf	-Inf	7.23	3	Horizontal	71	1.46	-	105.68	32.00	9.52	34.29
PK	5.9698G	60.77	68.20	-7.43	7.69	3	Horizontal	71	1.46	-	53.08	32.34	9.66	34.31

802.11ax HEW20_Nss1,(MCS0)_2TX

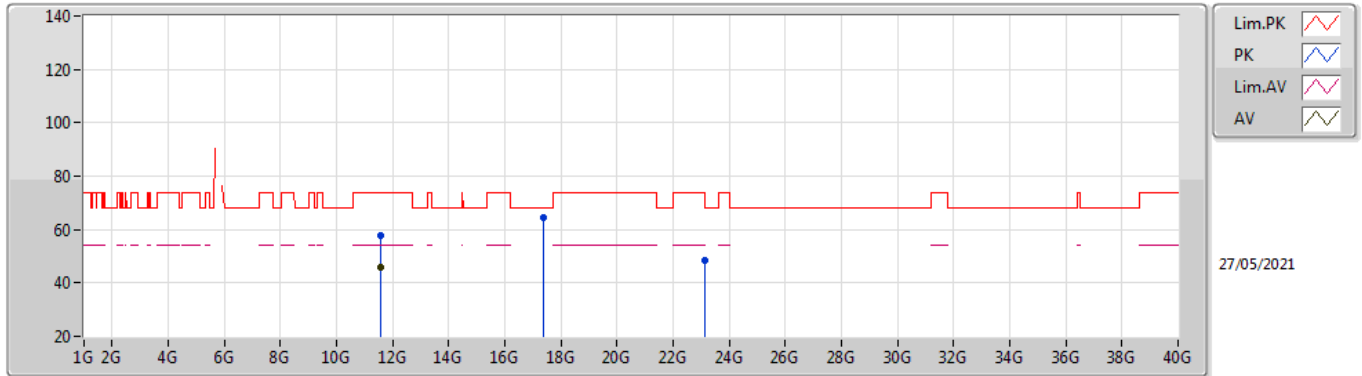
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5752G	46.01	54.00	-7.99	18.59	3	Vertical	360	1.50	-	27.42	39.92	12.87	34.20
PK	11.563G	58.09	74.00	-15.91	18.62	3	Vertical	360	1.50	-	39.47	39.94	12.87	34.19
PK	17.3593G	63.66	68.20	-4.54	22.78	3	Vertical	244	1.92	-	40.88	40.27	15.75	33.24
PK	23.13304G	48.23	68.20	-19.97	-8.15	3	Vertical	143	1.95	-	56.38	39.81	17.91	56.33

802.11ax HEW20_Nss1,(MCS0)_2TX

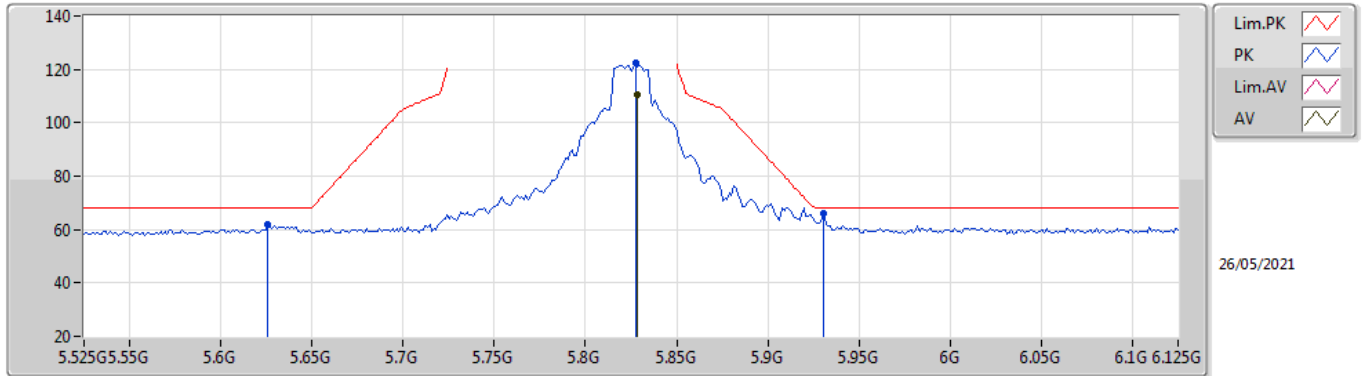
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5721G	45.68	54.00	-8.32	18.61	3	Horizontal	253	2.58	-	27.07	39.93	12.87	34.19
PK	11.5657G	57.79	74.00	-16.21	18.61	3	Horizontal	253	2.58	-	39.18	39.93	12.87	34.19
PK	17.3622G	64.58	68.20	-3.62	22.81	3	Horizontal	306	1.50	-	41.77	40.30	15.75	33.24
PK	23.14006G	48.21	68.20	-19.99	-8.14	3	Horizontal	248	2.21	-	56.35	39.82	17.91	56.33

802.11ax HEW20_Nss1,(MCS0)_2TX

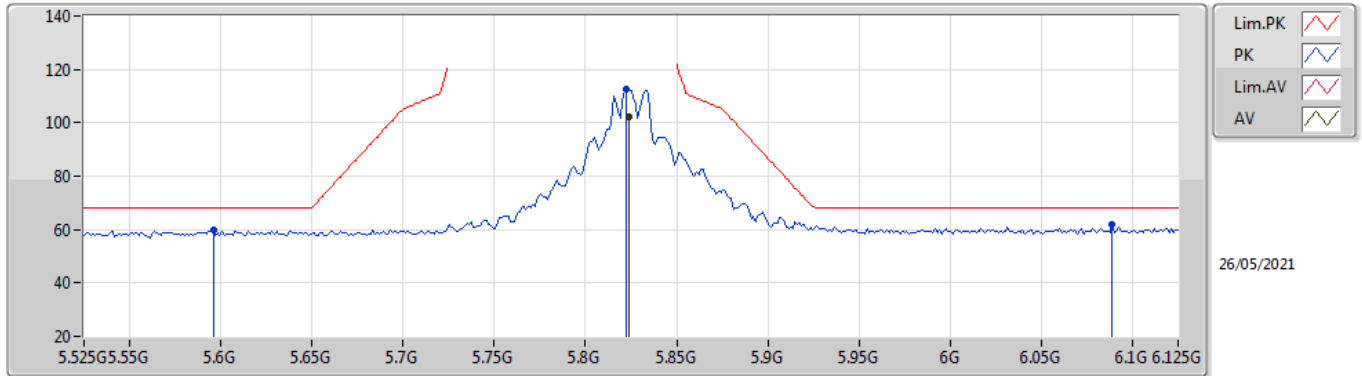
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8286G	110.64	Inf	-Inf	7.36	3	Vertical	321	1.06	-	103.28	32.11	9.54	34.29
PK	5.6258G	61.80	68.20	-6.40	6.85	3	Vertical	321	1.06	-	54.95	31.65	9.47	34.27
PK	5.8274G	122.49	Inf	-Inf	7.36	3	Vertical	321	1.06	-	115.13	32.11	9.54	34.29
PK	5.9306G	66.10	68.20	-2.10	7.62	3	Vertical	321	1.06	-	58.48	32.30	9.62	34.30

802.11ax HEW20_Nss1,(MCS0)_2TX

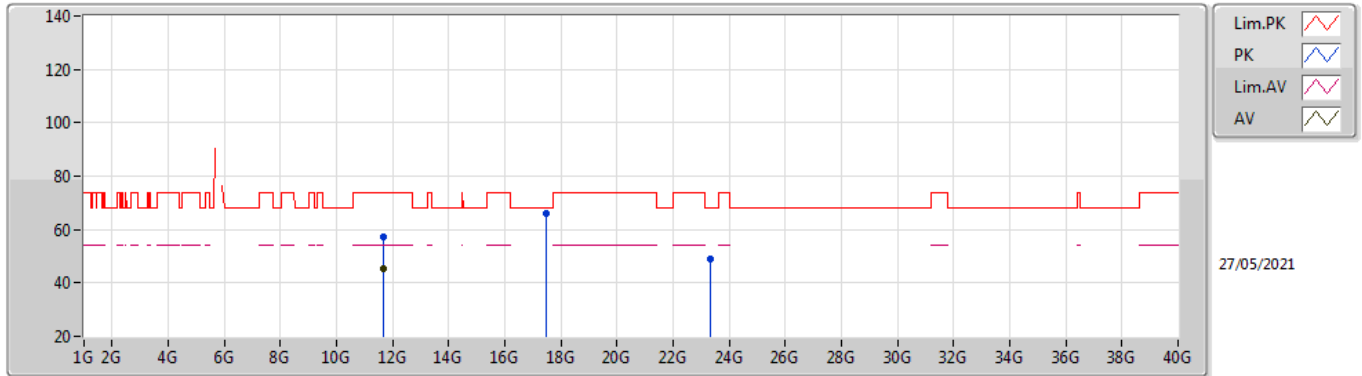
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8238G	102.24	Inf	-Inf	7.35	3	Horizontal	72	1.37	-	94.89	32.10	9.54	34.29
PK	5.5958G	60.08	68.20	-8.12	6.79	3	Horizontal	72	1.37	-	53.29	31.60	9.46	34.27
PK	5.8226G	112.82	Inf	-Inf	7.34	3	Horizontal	72	1.37	-	105.48	32.09	9.54	34.29
PK	6.089G	61.92	68.20	-6.28	7.81	3	Horizontal	72	1.37	-	54.11	32.38	9.75	34.32

802.11ax HEW20_Nss1,(MCS0)_2TX

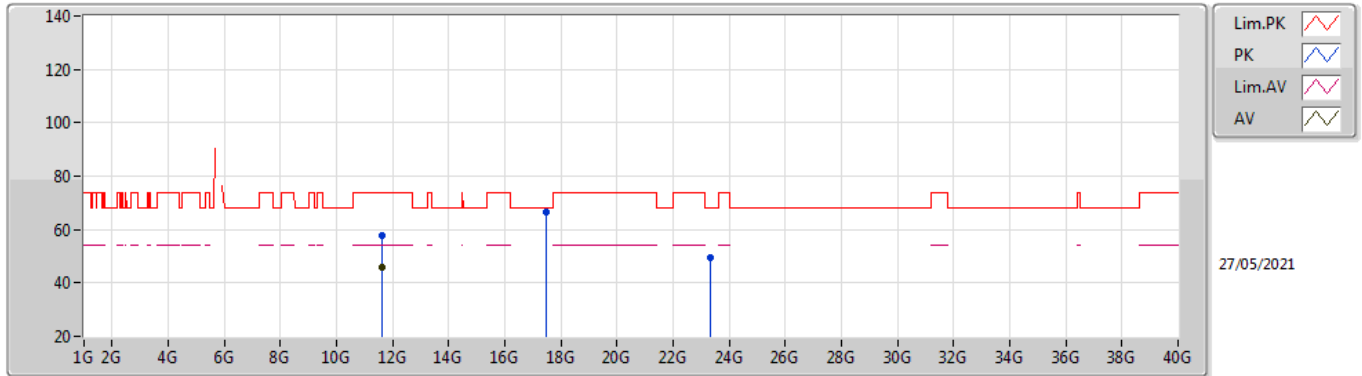
5825MHz_TX



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	11.6548G	45.44	54.00	-8.56	18.20	3	Vertical	0	1.50	-	27.24	39.52	12.91	34.23
PK	11.6523G	57.28	74.00	-16.72	18.20	3	Vertical	0	1.50	-	39.08	39.53	12.90	34.23
PK	17.465G	65.92	68.20	-2.28	23.60	3	Vertical	242	1.93	-	42.32	40.99	15.81	33.20
PK	23.3046G	48.72	68.20	-19.48	-8.01	3	Vertical	128	1.96	-	56.73	39.93	17.96	56.36

802.11ax HEW20_Nss1,(MCS0)_2TX

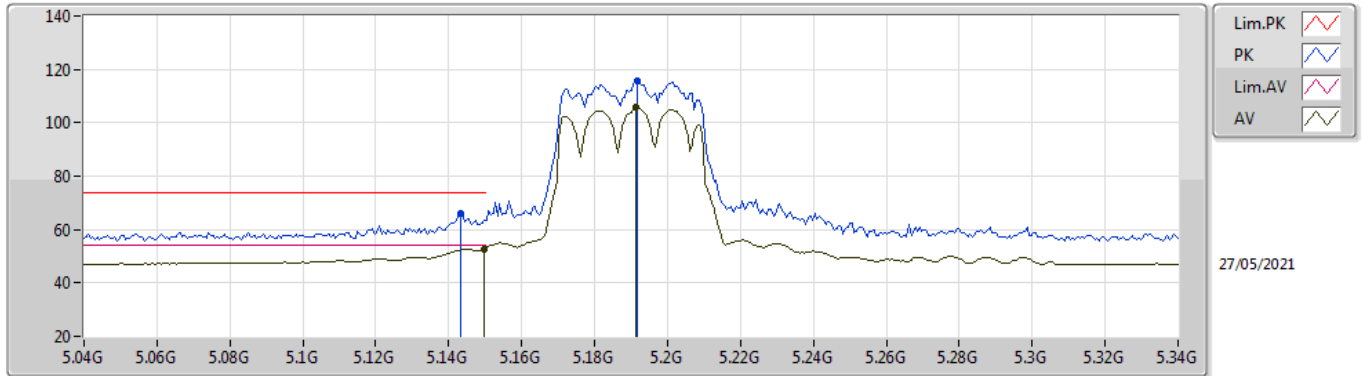
5825MHz_TX



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	11.6457G	45.88	54.00	-8.12	18.25	3	Horizontal	38	1.40	-	27.63	39.58	12.90	34.23
PK	11.6356G	57.60	74.00	-16.40	18.32	3	Horizontal	38	1.40	-	39.28	39.65	12.90	34.23
PK	17.4779G	66.54	68.20	-1.66	23.68	3	Horizontal	290	1.50	-	42.86	41.07	15.81	33.20
PK	23.3132G	49.55	68.20	-18.65	-8.02	3	Horizontal	250	2.17	-	57.57	39.92	17.96	56.36

802.11ax HEW40_Nss1,(MCS0)_2TX

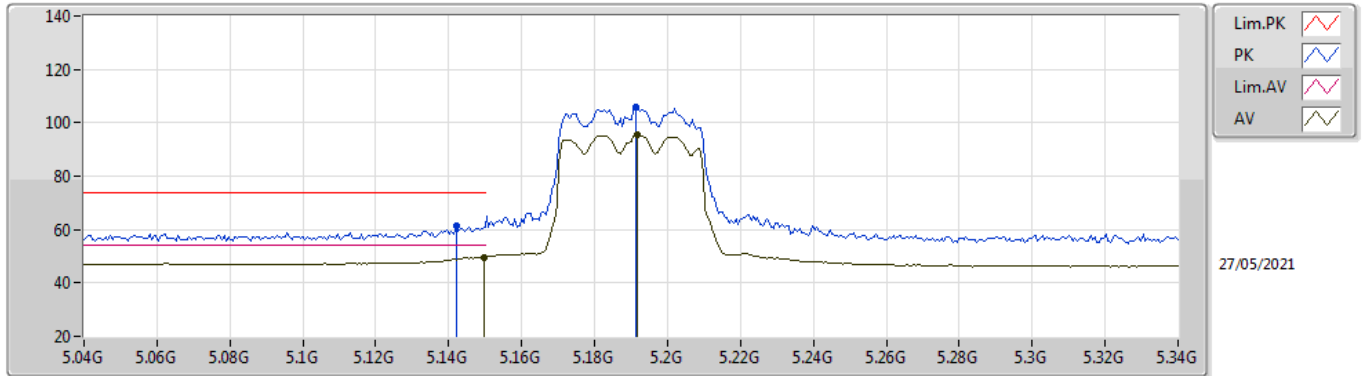
5190MHz_TX



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	5.1498G	52.57	54.00	-1.43	6.54	3	Vertical	143	1.50	-	46.03	31.70	9.07	34.23
AV	5.1912G	105.62	Inf	-Inf	6.38	3	Vertical	143	1.50	-	99.24	31.54	9.08	34.24
PK	5.1432G	66.26	74.00	-7.74	6.54	3	Vertical	143	1.50	-	59.72	31.70	9.07	34.23
PK	5.1918G	115.82	Inf	-Inf	6.37	3	Vertical	143	1.50	-	109.45	31.53	9.08	34.24

802.11ax HEW40_Nss1,(MCS0)_2TX

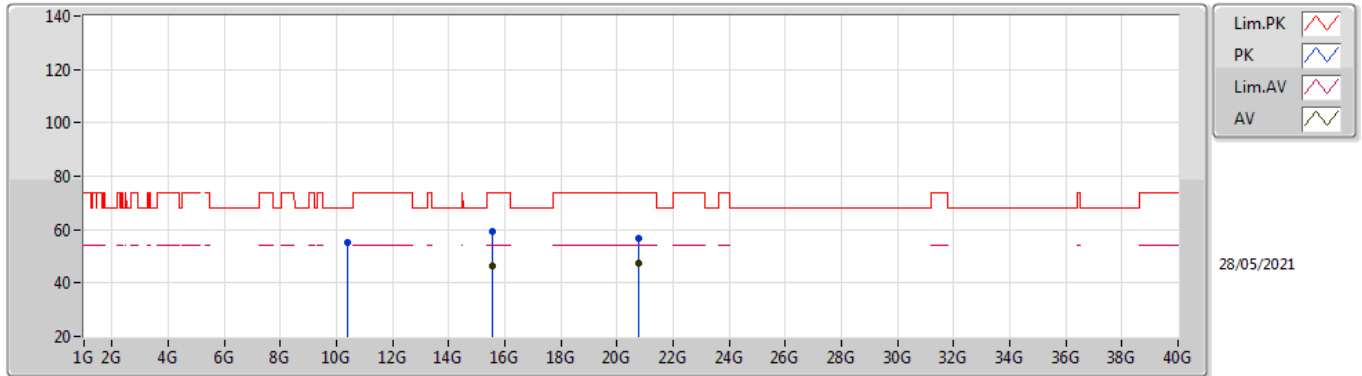
5190MHz_TX



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	5.1498G	49.56	54.00	-4.44	6.54	3	Horizontal	142	1.66	-	43.02	31.70	9.07	34.23
AV	5.1918G	95.39	Inf	-Inf	6.37	3	Horizontal	142	1.66	-	89.02	31.53	9.08	34.24
PK	5.142G	61.21	74.00	-12.79	6.54	3	Horizontal	142	1.66	-	54.67	31.70	9.07	34.23
PK	5.1912G	106.00	Inf	-Inf	6.38	3	Horizontal	142	1.66	-	99.62	31.54	9.08	34.24

802.11ax HEW40_Nss1,(MCS0)_2TX

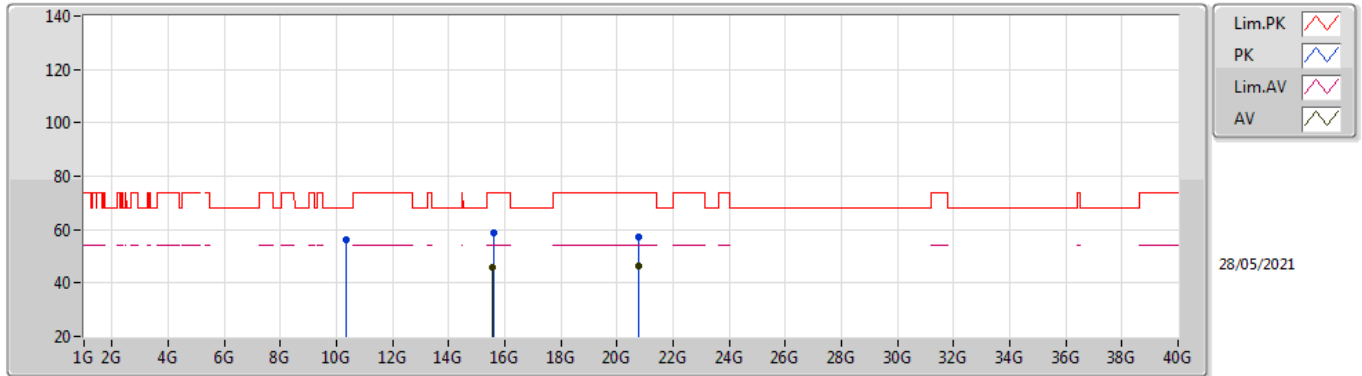
5190MHz_TX



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	15.54912G	46.17	54.00	-7.83	18.58	3	Vertical	268	1.57	-	27.59	38.16	14.81	34.39
AV	20.75989G	47.40	54.00	-6.60	0.88	3	Vertical	24	2.02	-	46.52	38.12	16.92	54.16
PK	10.38348G	55.09	68.20	-13.11	17.16	3	Vertical	125	1.04	-	37.93	39.45	12.37	34.66
PK	15.54768G	59.45	74.00	-14.55	18.60	3	Vertical	268	1.57	-	40.85	38.17	14.81	34.38
PK	20.76032G	56.93	74.00	-17.07	0.88	3	Vertical	24	2.02	-	56.05	38.12	16.92	54.16

802.11ax HEW40_Nss1,(MCS0)_2TX

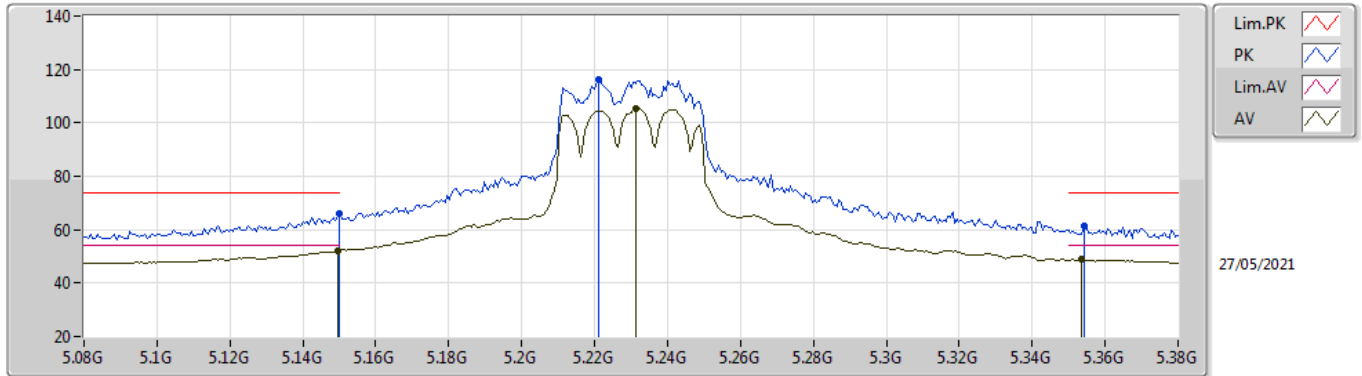
5190MHz_TX



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	15.5562G	46.10	54.00	-7.90	18.53	3	Horizontal	341	1.50	-	27.57	38.11	14.81	34.39
AV	20.75984G	46.25	54.00	-7.75	0.88	3	Horizontal	20	2.28	-	45.37	38.12	16.92	54.16
PK	10.36476G	55.99	68.20	-12.21	17.08	3	Horizontal	201	1.50	-	38.91	39.39	12.36	34.67
PK	15.59244G	58.61	74.00	-15.39	18.24	3	Horizontal	341	1.50	-	40.37	37.85	14.82	34.43
PK	20.75984G	57.48	74.00	-16.52	0.88	3	Horizontal	20	2.28	-	56.60	38.12	16.92	54.16

802.11ax HEW40_Nss1,(MCS0)_2TX

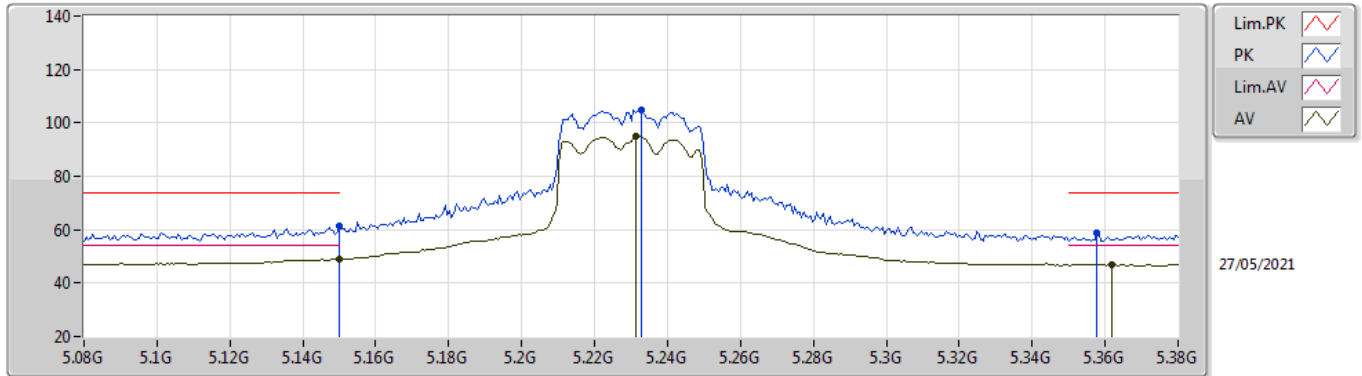
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.14	54.00	-1.86	6.54	3	Vertical	143	1.50	-	45.60	31.70	9.07	34.23
AV	5.2312G	105.55	Inf	-Inf	6.18	3	Vertical	143	1.50	-	99.37	31.31	9.11	34.24
AV	5.3536G	48.80	54.00	-5.20	6.02	3	Vertical	143	1.50	-	42.78	31.02	9.25	34.25
PK	5.15G	65.86	74.00	-8.14	6.54	3	Vertical	143	1.50	-	59.32	31.70	9.07	34.23
PK	5.221G	115.98	Inf	-Inf	6.23	3	Vertical	143	1.50	-	109.75	31.37	9.10	34.24
PK	5.3542G	61.35	74.00	-12.65	6.03	3	Vertical	143	1.50	-	55.32	31.03	9.25	34.25

802.11ax HEW40_Nss1,(MCS0)_2TX

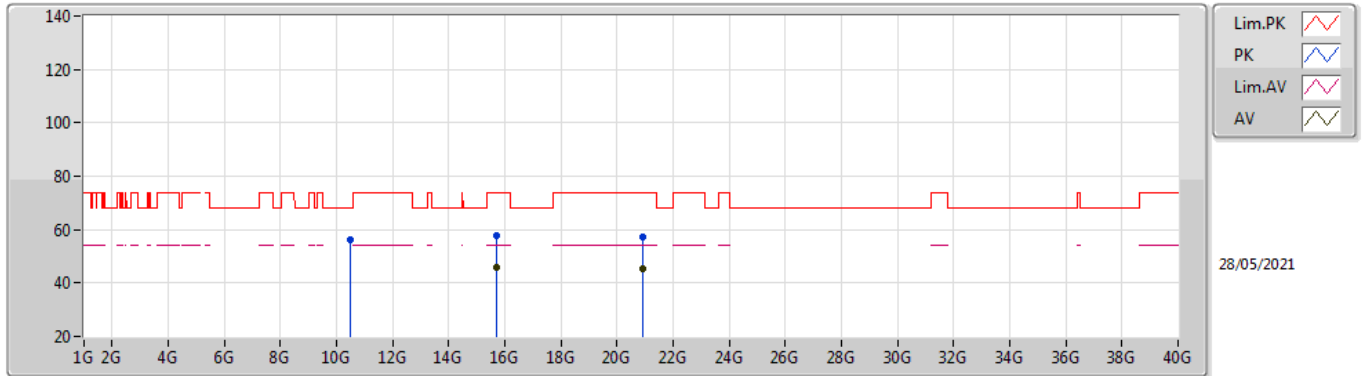
5230MHz_TX



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	5.15G	48.95	54.00	-5.05	6.54	3	Horizontal	144	1.63	-	42.41	31.70	9.07	34.23
AV	5.2312G	95.05	Inf	-Inf	6.18	3	Horizontal	144	1.63	-	88.87	31.31	9.11	34.24
AV	5.362G	46.94	54.00	-7.06	6.08	3	Horizontal	144	1.63	-	40.86	31.07	9.26	34.25
PK	5.15G	61.50	74.00	-12.50	6.54	3	Horizontal	144	1.63	-	54.96	31.70	9.07	34.23
PK	5.233G	104.85	Inf	-Inf	6.18	3	Horizontal	144	1.63	-	98.67	31.30	9.12	34.24
PK	5.3578G	58.55	74.00	-15.45	6.05	3	Horizontal	144	1.63	-	52.50	31.05	9.25	34.25

802.11ax HEW40_Nss1,(MCS0)_2TX

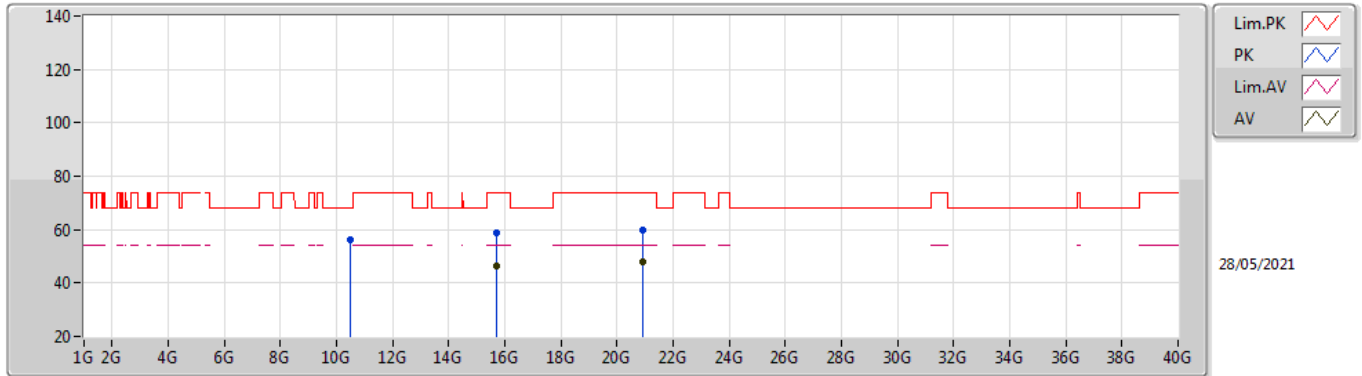
5230MHz_TX



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	15.70848G	45.87	54.00	-8.13	18.30	3	Vertical	178	2.33	-	27.57	37.97	14.86	34.53
AV	20.91978G	45.60	54.00	-8.40	1.12	3	Vertical	31	1.90	-	44.48	38.44	17.00	54.32
PK	10.48076G	56.23	68.20	-11.97	17.49	3	Vertical	82	1.77	-	38.74	39.66	12.41	34.58
PK	15.68076G	57.84	74.00	-16.16	18.30	3	Vertical	178	2.33	-	39.54	37.96	14.85	34.51
PK	20.91979G	56.99	74.00	-17.01	1.12	3	Vertical	31	1.90	-	55.87	38.44	17.00	54.32

802.11ax HEW40_Nss1,(MCS0)_2TX

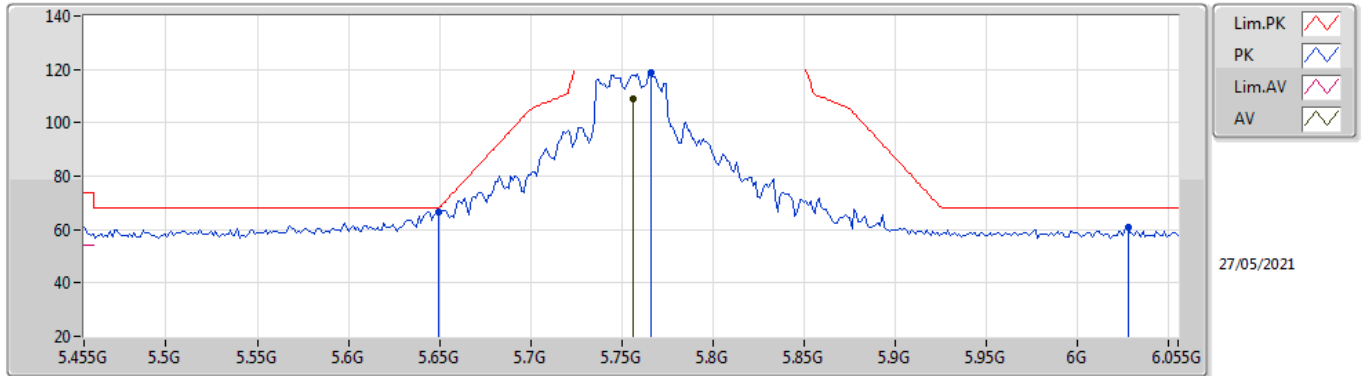
5230MHz_TX



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	15.69852G	46.37	54.00	-7.63	18.34	3	Horizontal	245	2.33	-	28.03	38.00	14.86	34.52
AV	20.91984G	48.16	54.00	-5.84	1.12	3	Horizontal	26	2.29	-	47.04	38.44	17.00	54.32
PK	10.48808G	56.09	68.20	-12.11	17.51	3	Horizontal	276	1.77	-	38.58	39.68	12.41	34.58
PK	15.7134G	58.76	74.00	-15.24	18.27	3	Horizontal	245	2.33	-	40.49	37.95	14.86	34.54
PK	20.91906G	59.78	74.00	-14.22	1.12	3	Horizontal	26	2.29	-	58.66	38.44	17.00	54.32

802.11ax HEW40_Nss1,(MCS0)_2TX

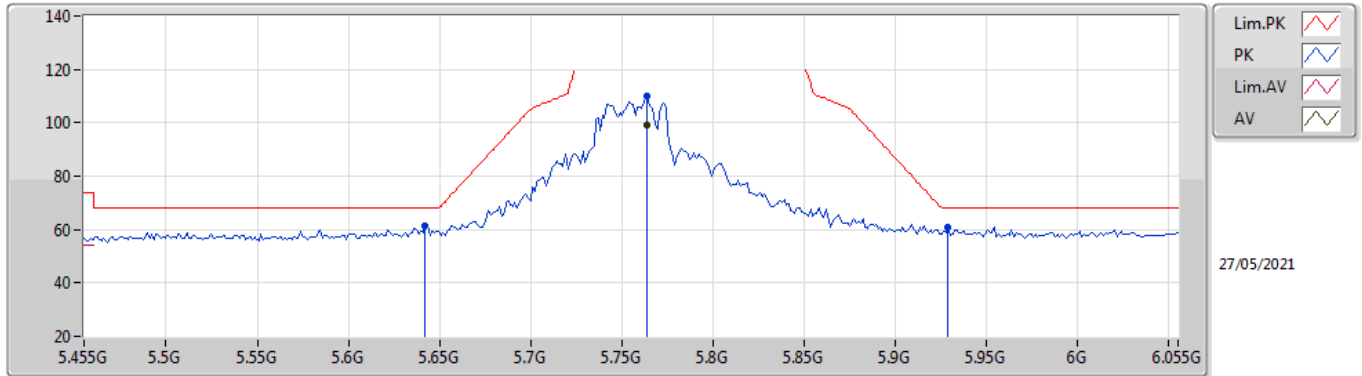
5755MHz_TX



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	5.7562G	108.73	Inf	-Inf	7.22	3	Vertical	321	1.39	-	101.51	32.00	9.51	34.29
PK	5.6494G	66.74	68.20	-1.46	6.90	3	Vertical	321	1.39	-	59.84	31.70	9.47	34.27
PK	5.7658G	118.94	Inf	-Inf	7.22	3	Vertical	321	1.39	-	111.72	32.00	9.51	34.29
PK	6.0274G	60.97	68.20	-7.23	7.74	3	Vertical	321	1.39	-	53.23	32.35	9.70	34.31

802.11ax HEW40_Nss1,(MCS0)_2TX

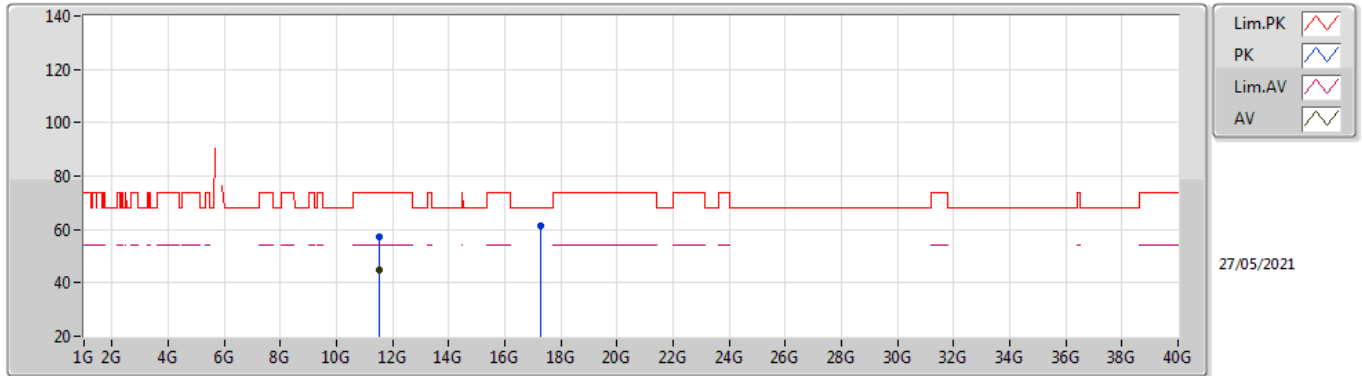
5755MHz_TX



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	5.7634G	98.91	Inf	-Inf	7.22	3	Horizontal	72	1.41	-	91.69	32.00	9.51	34.29
PK	5.6422G	61.38	68.20	-6.82	6.88	3	Horizontal	72	1.41	-	54.50	31.68	9.47	34.27
PK	5.7634G	110.17	Inf	-Inf	7.22	3	Horizontal	72	1.41	-	102.95	32.00	9.51	34.29
PK	5.929G	61.01	68.20	-7.19	7.62	3	Horizontal	72	1.41	-	53.39	32.30	9.62	34.30

802.11ax HEW40_Nss1,(MCS0)_2TX

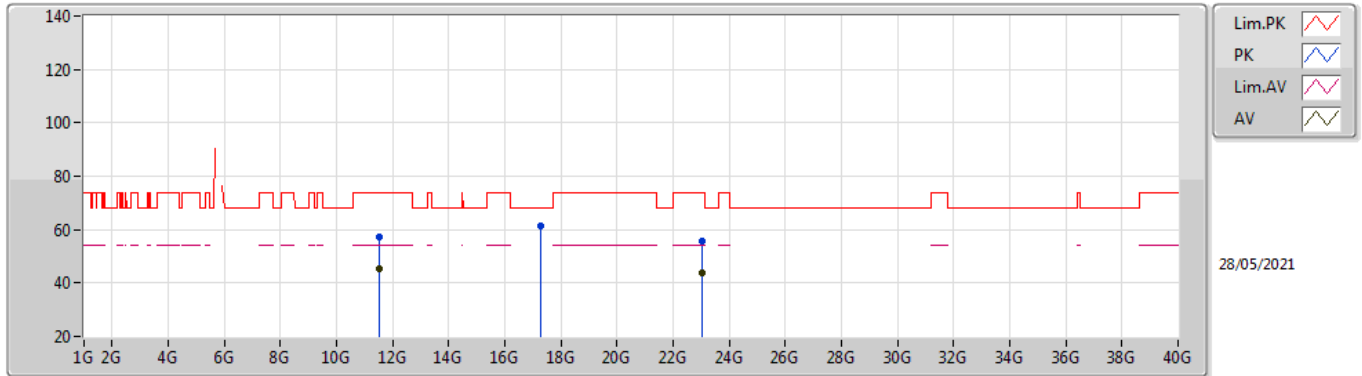
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.50424G	45.07	54.00	-8.93	18.68	3	Vertical	219	1.50	-	26.39	40.00	12.84	34.16
PK	11.53808G	57.39	74.00	-16.61	18.64	3	Vertical	219	1.50	-	38.75	39.96	12.86	34.18
PK	17.25564G	61.32	68.20	-6.88	22.08	3	Vertical	242	2.79	-	39.24	39.67	15.68	33.27

802.11ax HEW40_Nss1,(MCS0)_2TX

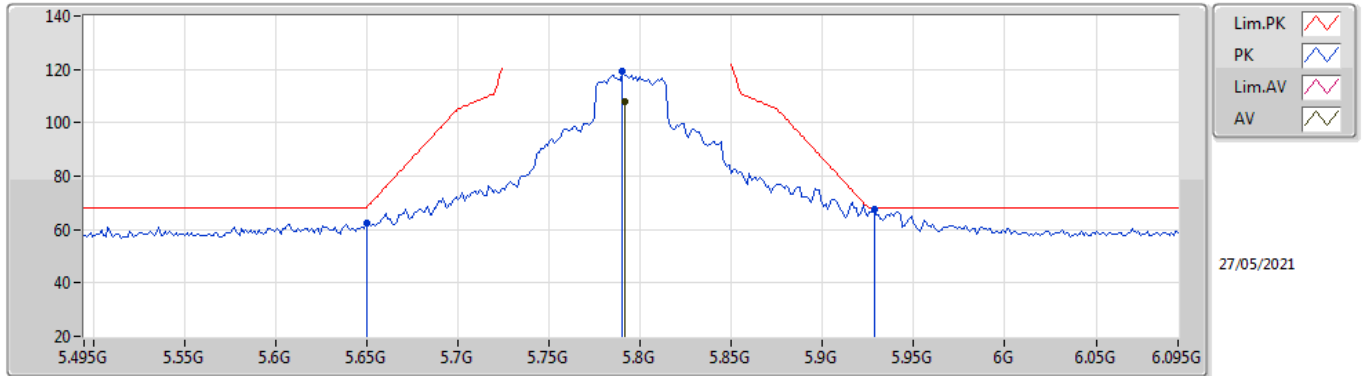
5755MHz_TX



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	11.5136G	45.15	54.00	-8.85	18.67	3	Horizontal	126	1.51	-	26.48	39.99	12.85	34.17
AV	23.01972G	43.94	54.00	-10.06	1.20	3	Horizontal	89	2.04	-	42.74	39.63	17.87	56.30
PK	11.51576G	57.26	74.00	-16.74	18.66	3	Horizontal	126	1.51	-	38.60	39.98	12.85	34.17
PK	17.2632G	61.48	68.20	-6.72	22.11	3	Horizontal	296	1.44	-	39.37	39.69	15.69	33.27
PK	23.02008G	55.67	74.00	-18.33	1.20	3	Horizontal	89	2.04	-	54.47	39.63	17.87	56.30

802.11ax HEW40_Nss1,(MCS0)_2TX

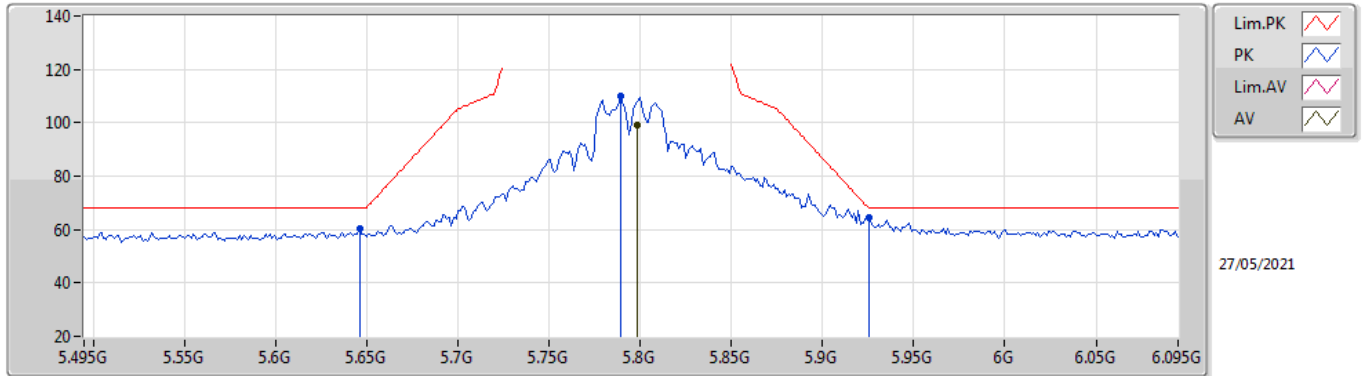
5795MHz_TX



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	5.7914G	107.84	Inf	-Inf	7.23	3	Vertical	308	1.00	-	100.61	32.00	9.52	34.29
PK	5.6498G	62.59	68.20	-5.61	6.90	3	Vertical	308	1.00	-	55.69	31.70	9.47	34.27
PK	5.7902G	119.15	Inf	-Inf	7.23	3	Vertical	308	1.00	-	111.92	32.00	9.52	34.29
PK	5.9282G	67.76	68.20	-0.44	7.62	3	Vertical	308	1.00	-	60.14	32.30	9.62	34.30

802.11ax HEW40_Nss1,(MCS0)_2TX

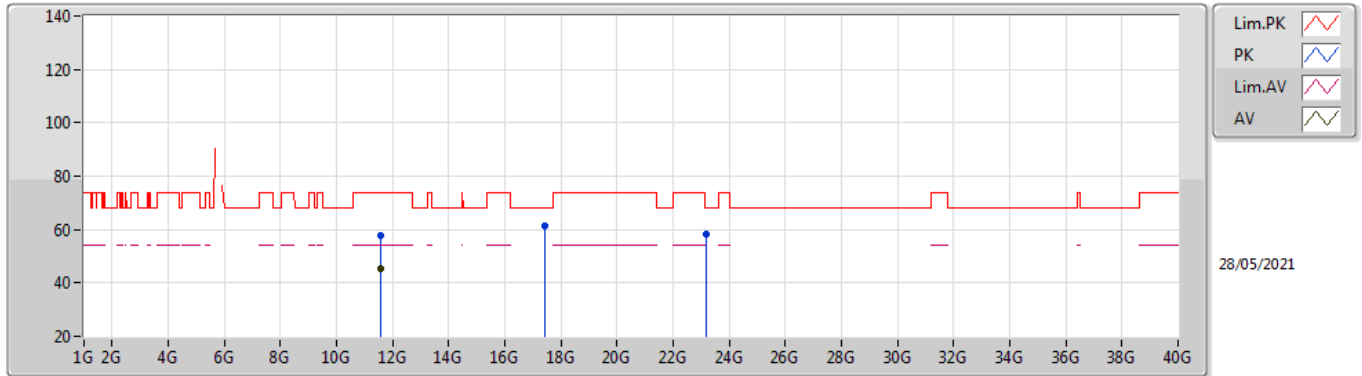
5795MHz_TX



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	5.7986G	99.03	Inf	-Inf	7.23	3	Horizontal	71	1.44	-	91.80	32.00	9.52	34.29
PK	5.6462G	60.39	68.20	-7.81	6.89	3	Horizontal	71	1.44	-	53.50	31.69	9.47	34.27
PK	5.789G	110.11	Inf	-Inf	7.23	3	Horizontal	71	1.44	-	102.88	32.00	9.52	34.29
PK	5.9258G	64.59	68.20	-3.61	7.62	3	Horizontal	71	1.44	-	56.97	32.30	9.62	34.30

802.11ax HEW40_Nss1,(MCS0)_2TX

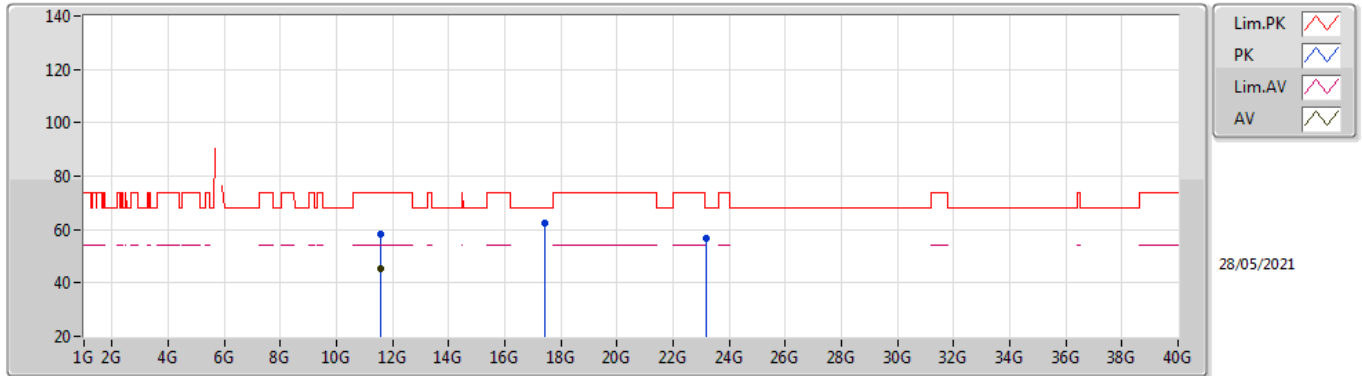
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58472G	45.34	54.00	-8.66	18.60	3	Vertical	0	1.62	-	26.74	39.92	12.88	34.20
PK	11.58616G	57.79	74.00	-16.21	18.59	3	Vertical	0	1.62	-	39.20	39.91	12.88	34.20
PK	17.40456G	61.44	68.20	-6.76	23.18	3	Vertical	35	2.86	-	38.26	40.63	15.77	33.22
PK	23.17991G	58.25	68.20	-9.95	1.47	3	Vertical	29	1.95	-	56.78	39.89	17.92	56.34

802.11ax HEW40_Nss1,(MCS0)_2TX

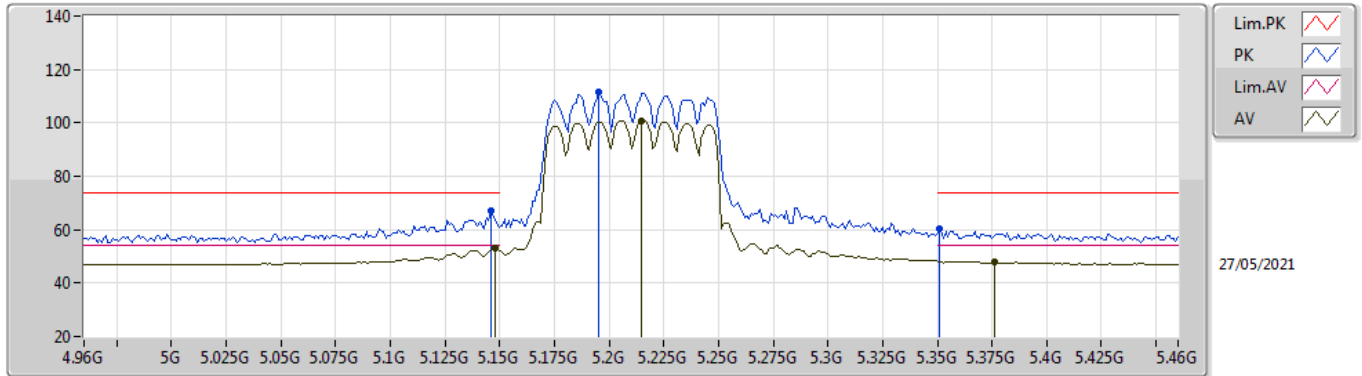
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58508G	45.32	54.00	-8.68	18.59	3	Horizontal	127	1.38	-	26.73	39.91	12.88	34.20
PK	11.58484G	58.32	74.00	-15.68	18.60	3	Horizontal	127	1.38	-	39.72	39.92	12.88	34.20
PK	17.40924G	62.64	68.20	-5.56	23.21	3	Horizontal	291	1.50	-	39.43	40.66	15.77	33.22
PK	23.17984G	56.77	68.20	-11.43	1.47	3	Horizontal	56	2.04	-	55.30	39.89	17.92	56.34

802.11ax HEW80_Nss1,(MCS0)_2TX

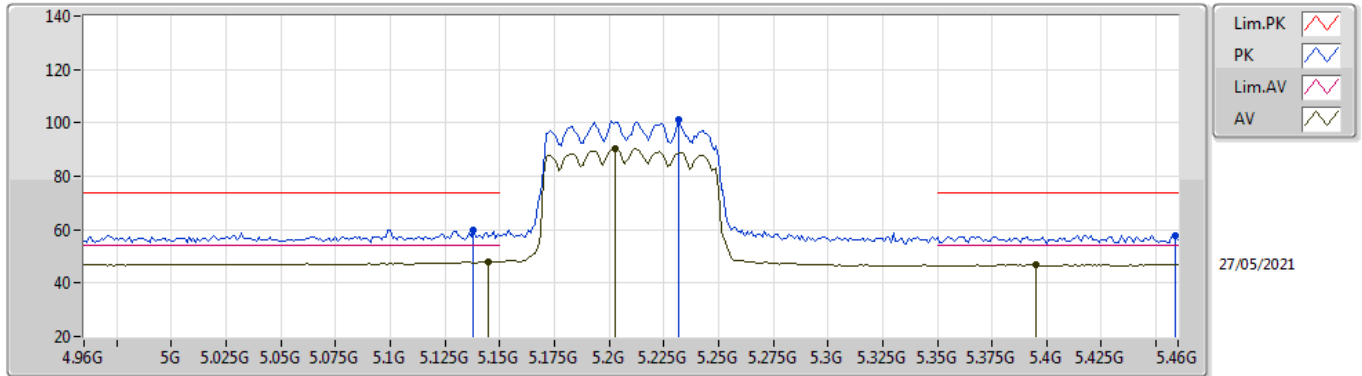
5210MHz_TX



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	5.148G	52.98	54.00	-1.02	6.54	3	Vertical	141	1.82	-	46.44	31.70	9.07	34.23
AV	5.215G	100.83	Inf	-Inf	6.27	3	Vertical	141	1.82	-	94.56	31.41	9.10	34.24
AV	5.376G	48.15	54.00	-5.85	6.18	3	Vertical	141	1.82	-	41.97	31.16	9.27	34.25
PK	5.146G	67.24	74.00	-6.76	6.54	3	Vertical	141	1.82	-	60.70	31.70	9.07	34.23
PK	5.195G	111.40	Inf	-Inf	6.36	3	Vertical	141	1.82	-	105.04	31.52	9.08	34.24
PK	5.351G	60.30	74.00	-13.70	6.01	3	Vertical	141	1.82	-	54.29	31.01	9.25	34.25

802.11ax HEW80_Nss1,(MCS0)_2TX

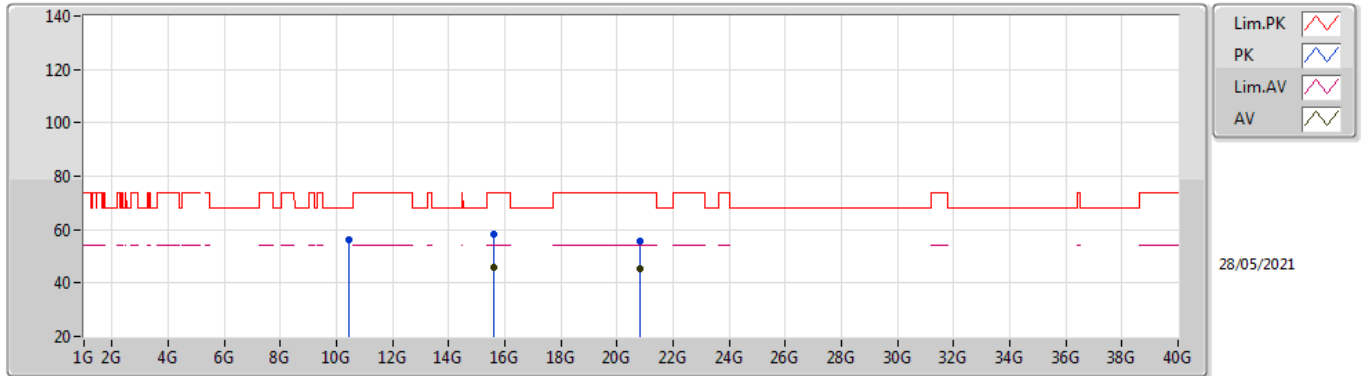
5210MHz_TX



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	5.145G	48.07	54.00	-5.93	6.54	3	Horizontal	143	1.59	-	41.53	31.70	9.07	34.23
AV	5.203G	90.25	Inf	-Inf	6.32	3	Horizontal	143	1.59	-	83.93	31.48	9.08	34.24
AV	5.395G	46.92	54.00	-7.08	6.31	3	Horizontal	143	1.59	-	40.61	31.27	9.29	34.25
PK	5.138G	59.67	74.00	-14.33	6.54	3	Horizontal	143	1.59	-	53.13	31.70	9.07	34.23
PK	5.232G	101.10	Inf	-Inf	6.19	3	Horizontal	143	1.59	-	94.91	31.31	9.12	34.24
PK	5.459G	57.96	74.00	-16.04	6.71	3	Horizontal	143	1.59	-	51.25	31.62	9.35	34.26

802.11ax HEW80_Nss1,(MCS0)_2TX

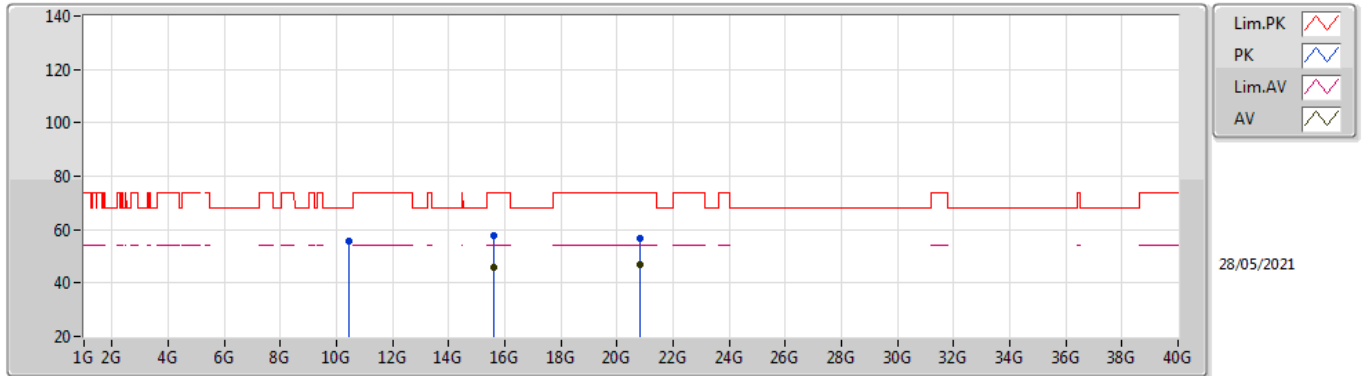
5210MHz_TX



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	15.59128G	45.73	54.00	-8.27	18.26	3	Vertical	178	1.76	-	27.47	37.86	14.82	34.42
AV	20.83976G	45.41	54.00	-8.59	1.00	3	Vertical	14	2.00	-	44.41	38.28	16.96	54.24
PK	10.44736G	56.14	68.20	-12.06	17.38	3	Vertical	300	2.16	-	38.76	39.59	12.40	34.61
PK	15.61608G	58.07	74.00	-15.93	18.21	3	Vertical	178	1.76	-	39.86	37.83	14.83	34.45
PK	20.83993G	55.71	74.00	-18.29	1.00	3	Vertical	14	2.00	-	54.71	38.28	16.96	54.24

802.11ax HEW80_Nss1,(MCS0)_2TX

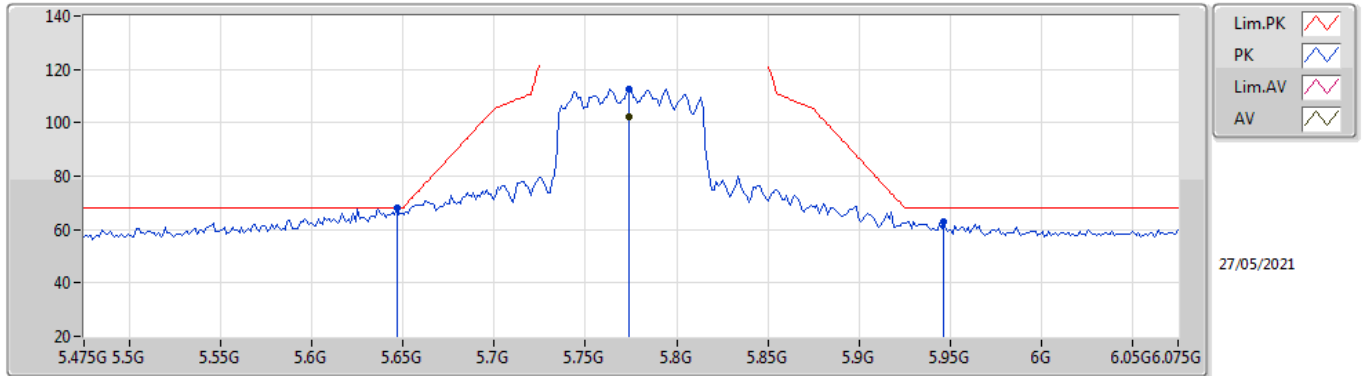
5210MHz_TX



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	15.59032G	45.74	54.00	-8.26	18.27	3	Horizontal	5	1.37	-	27.47	37.87	14.82	34.42
AV	20.8398G	46.74	54.00	-7.26	1.00	3	Horizontal	27	2.25	-	45.74	38.28	16.96	54.24
PK	10.43952G	55.50	68.20	-12.70	17.35	3	Horizontal	211	2.74	-	38.15	39.58	12.39	34.62
PK	15.606G	58.01	74.00	-15.99	18.20	3	Horizontal	5	1.37	-	39.81	37.81	14.83	34.44
PK	20.83989G	56.68	74.00	-17.32	1.00	3	Horizontal	27	2.25	-	55.68	38.28	16.96	54.24

802.11ax HEW80_Nss1,(MCS0)_2TX

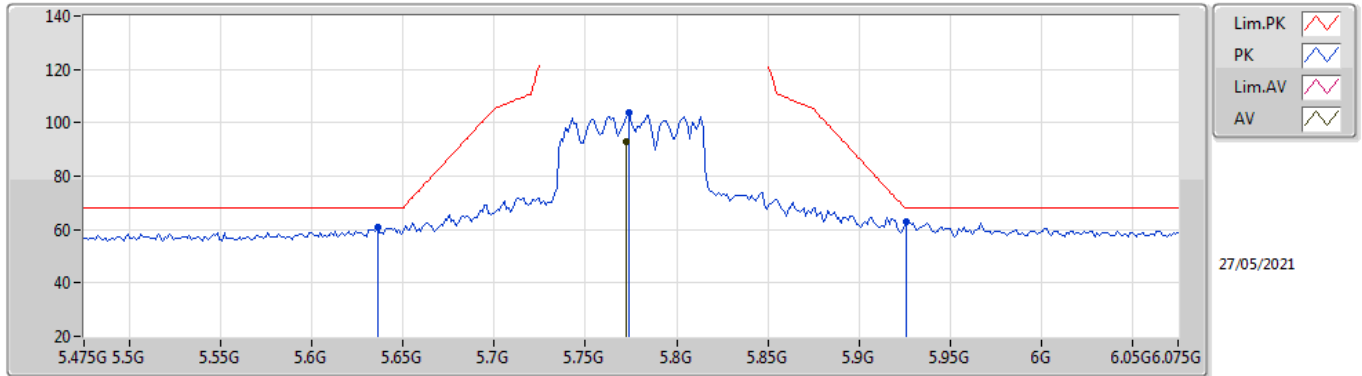
5775MHz_TX



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	5.7738G	102.27	Inf	-Inf	7.22	3	Vertical	321	1.50	-	95.05	32.00	9.51	34.29
PK	5.6466G	67.92	68.20	-0.28	6.89	3	Vertical	321	1.50	-	61.03	31.69	9.47	34.27
PK	5.7738G	112.78	Inf	-Inf	7.22	3	Vertical	321	1.50	-	105.56	32.00	9.51	34.29
PK	5.9466G	63.12	68.20	-5.08	7.64	3	Vertical	321	1.50	-	55.48	32.30	9.64	34.30

802.11ax HEW80_Nss1,(MCS0)_2TX

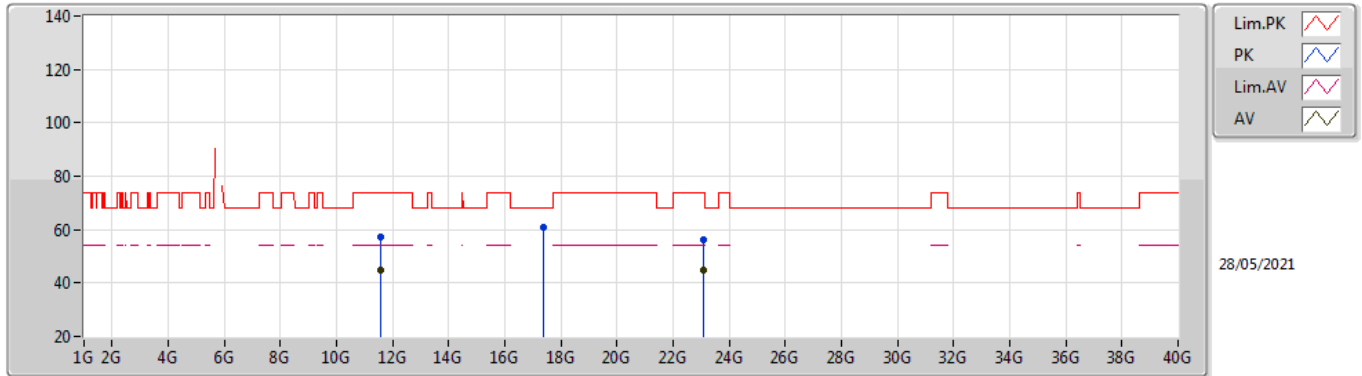
5775MHz_TX



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	5.7726G	93.18	Inf	-Inf	7.22	3	Horizontal	71	1.40	-	85.96	32.00	9.51	34.29
PK	5.6358G	60.62	68.20	-7.58	6.87	3	Horizontal	71	1.40	-	53.75	31.67	9.47	34.27
PK	5.7738G	103.73	Inf	-Inf	7.22	3	Horizontal	71	1.40	-	96.51	32.00	9.51	34.29
PK	5.9262G	62.93	68.20	-5.27	7.62	3	Horizontal	71	1.40	-	55.31	32.30	9.62	34.30

802.11ax HEW80_Nss1,(MCS0)_2TX

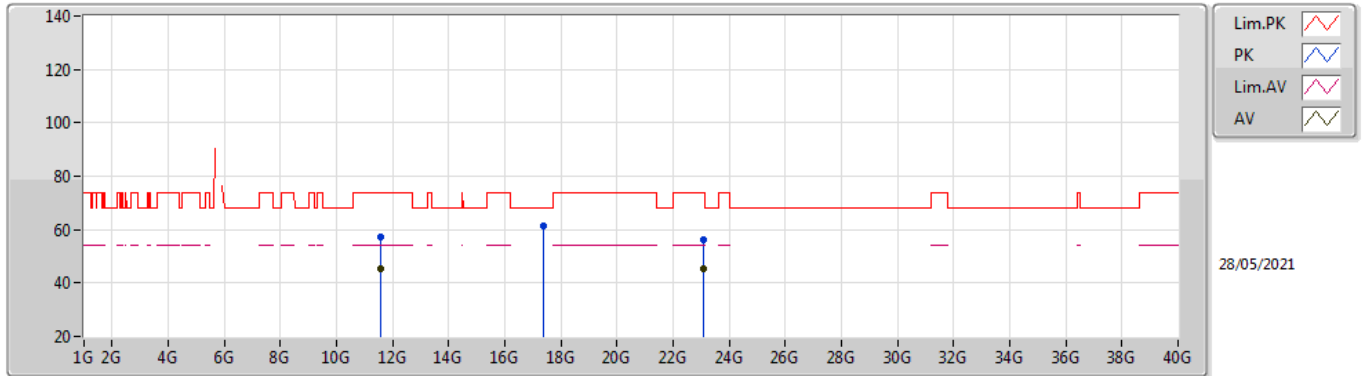
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.55544G	44.72	54.00	-9.28	18.61	3	Vertical	360	1.46	-	26.11	39.94	12.86	34.19
AV	23.09983G	44.84	54.00	-9.16	1.34	3	Vertical	28	1.95	-	43.50	39.76	17.90	56.32
PK	11.56456G	57.19	74.00	-16.81	18.62	3	Vertical	360	1.46	-	38.57	39.94	12.87	34.19
PK	17.35732G	60.93	68.20	-7.27	22.76	3	Vertical	261	2.55	-	38.17	40.26	15.74	33.24
PK	23.09995G	56.18	74.00	-17.82	1.34	3	Vertical	28	1.95	-	54.84	39.76	17.90	56.32

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	11.54968G	45.32	54.00	-8.68	18.63	3	Horizontal	244	2.38	-	26.69	39.95	12.86	34.18
AV	23.09976G	45.49	54.00	-8.51	1.34	3	Horizontal	73	2.08	-	44.15	39.76	17.90	56.32
PK	11.57288G	57.39	74.00	-16.61	18.61	3	Horizontal	244	2.38	-	38.78	39.93	12.87	34.19
PK	17.35828G	61.46	68.20	-6.74	22.77	3	Horizontal	299	1.50	-	38.69	40.27	15.74	33.24
PK	23.09995G	56.39	74.00	-17.61	1.34	3	Horizontal	73	2.08	-	55.05	39.76	17.90	56.32