FCC Test Report

FCC ID	:	**HDC-W349E0**
Equipment	:	**WiFi6 11ax wireless module**
Brand Name	:	ADTRAN®
Model Name	:	**W349E0YYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")**
Applicant	:	**Adtran 901 Explorer Blvd., Huntsville, AL 35806, USA**
Manufacturer	:	**XAVi Technologies Corporation 22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Oct. 29, 2020, and testing was started from Nov. 12, 2020 and completed on Dec. 07, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Allen Lin

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR0O2750AN	01	Initial issue of report	Jan. 07, 2021

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: Sam Tsai

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

Non-Beamforming

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

Beamforming

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	-	-	PCB	I-PEX
2	-	-	PCB	I-PEX
3	-	-	PCB	I-PEX
4	-	-	PCB	I-PEX

Ant.	Port	Gain (dBi)			
		5G Band 1	5G Band 2	5G Band 3	5G Band 4
1	1	5.541	5.672	5.481	5.537
2	2	5.541	5.672	5.481	5.537
3	3	5.541	5.672	5.481	5.537
4	4	5.541	5.672	5.481	5.537

Note 1: The EUT has four antennas.

For 5GHz function:

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

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

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Test Fixture			
EUT Function	☐	Outdoor AP	☒	Indoor AP
	☐	Fixed P2P AP	☐	Outdoor/Indoor Client
Beamforming Function	☒	With beamforming	☐	Without beamforming

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	
☐	Other:	

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.553	2.57	130.625u	10k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.916	0.38	318.75u	10k
802.11ax HEW40_Nss1,(MCS0)_4TX	0.904	0.44	305.625u	10k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.903	0.44	292.5u	10k

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

Beamforming

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.911	0.4	2.931m	1k
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.926	0.33	3.101m	1k
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.931	0.31	4.149m	300

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
W349E0YYYYYY (Y can be 0-9, a-z, A-Z, blank, “+” or “-” or “#”)	All the models are identical, the difference model served as marketing strategy.

1.2 Testing Applied Standards

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

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

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

- KDB 662911 D01 v02r01
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			
☐	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
		TEL : 886-3-318-0787	FAX : 886-3-318-0287
Test site Designation No. TW1097 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.5~24.3°C / 56~63%	22/Nov/2020
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	16/Nov/2020~ 07/Dec/2020
Radiated	03CH03-HY	Tony Chang	22.7~25.1°C / 55~64%	12/Nov/2020~ 26/Nov/2020

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 Condition

Condition Item	Abbreviation/Remark	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	accessMTool_REL_3_2_1_0

Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	67
5200MHz	67
5240MHz	67
5745MHz	71
5785MHz	73
5825MHz	73
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	60
5200MHz	68
5240MHz	67
5745MHz	71
5785MHz	69
5825MHz	78
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	54
5230MHz	78
5755MHz	78
5795MHz	76
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	53
5775MHz	70

Beamforming

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	63
5200MHz	69
5240MHz	70
5745MHz	69
5785MHz	69
5825MHz	70
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	64
5230MHz	72
5755MHz	68
5795MHz	68
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	66
5775MHz	70

2.3 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
Operating Mode	CTX
1	Fixture Mode

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

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Fixture	-	-	-	Note 1
2	Adapter	Sunny	SYS1649-6012-T3	-	Note 1
3	Notebook (for Beamforming)	HP	5220m	-	-
4	AC Adapter (for NB) (for Beamforming)	HP	PPP012H-S	-	-
5	AC Power cable (for Beamforming)	Power Sync	TPCMRN0018	-	-
6	Client (for Beamforming)	-	-	-	Note 1
7	RJ-45 Cable (for Beamforming)	Power sync	CAT-6E-10	-	-

Note 1: Support equipment No.1, 2, 6 were 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	-	-
3	Fixture	-	-	-	Note 1
4	Adapter	Sunny	SYS1649-6012-T3	-	Note 1
5	AC Adapter (for NB) (for Beamforming)	HP	PPP012H-S	-	-
6	Client (for Beamforming)	-	-	-	Note 1
7	Notebook (for Beamforming)	HP	5220m	-	-

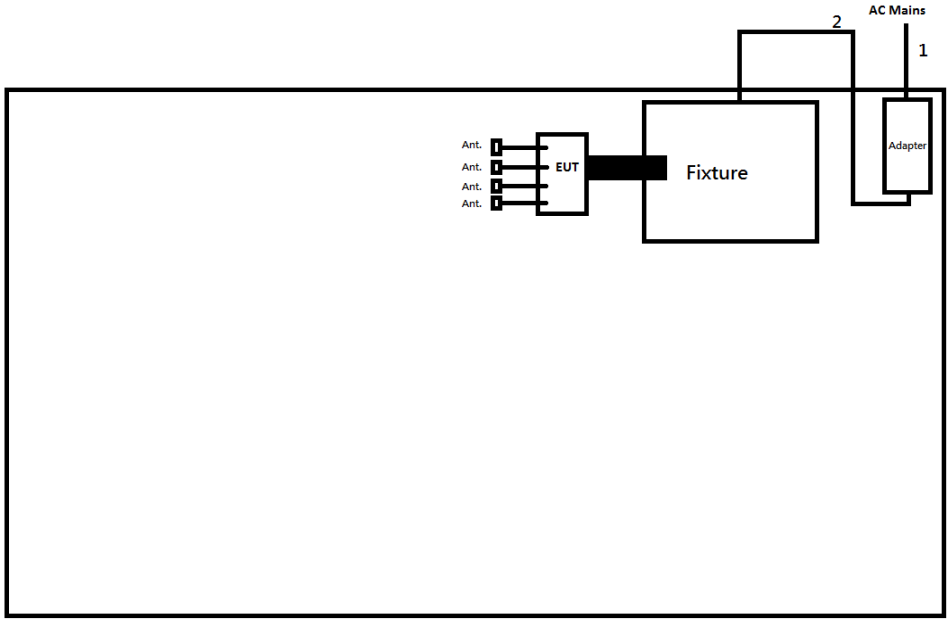
Note 1: Support equipment No.3, 4, 6 were provided by customer.

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Fixture	-	-	-	Note 1
2	Adapter	Sunny	SYS1649-6012-T3	-	Note 1
3	Notebook (for Beamforming)	HP	5220m	-	-
4	AC Adapter (for NB) (for Beamforming)	HP	PPP012H-S	-	-
5	AC Power cable (for Beamforming)	Power Sync	TPCMRN0018	-	-
6	Client (for Beamforming)	-	-	-	Note 1
7	RJ-45 Cable (for Beamforming)	Power sync	CAT-6E-10	-	-

Note 1: Support equipment No.1, 2, 6 was provided by customer.

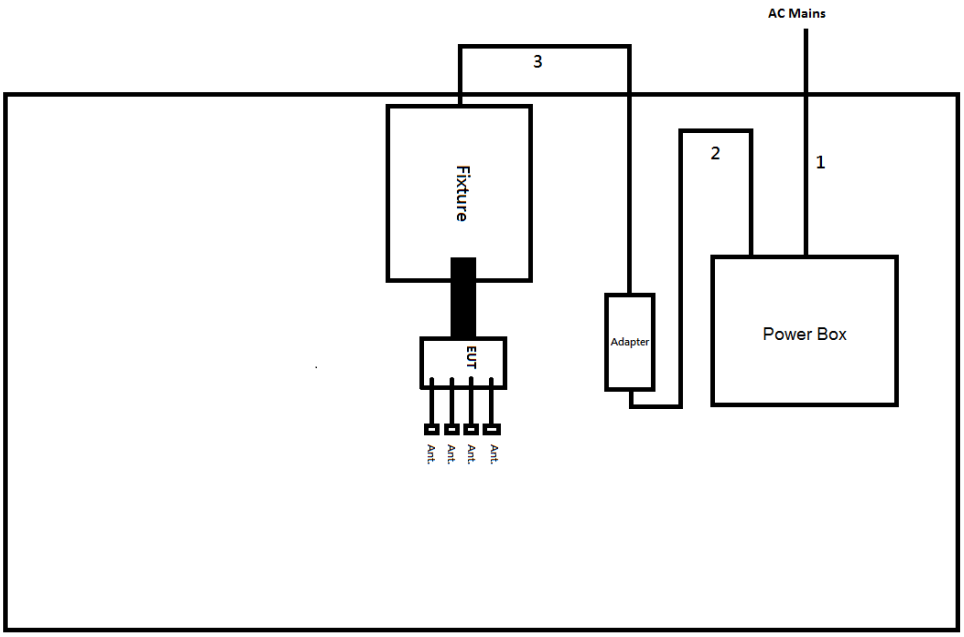
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

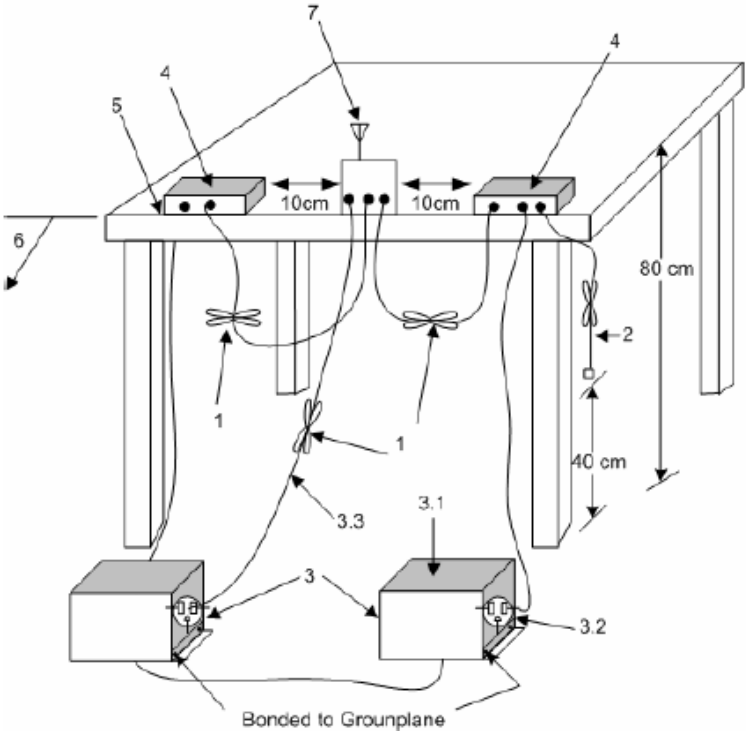
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 ≥ 500kHz.

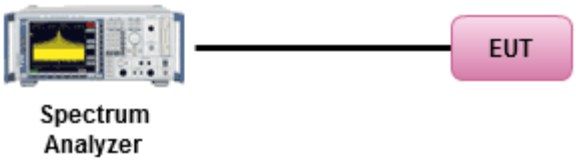
3.2.2 Measuring Instruments

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

Emission Bandwidth


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.	

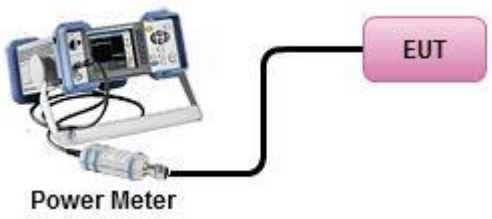
3.3.2 Measuring Instruments

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 ≥ 98%
	☐ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle < 98%
	☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as KDB 789033, clause E Method PM (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

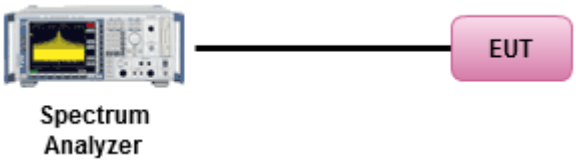
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as KDB 789033, 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


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

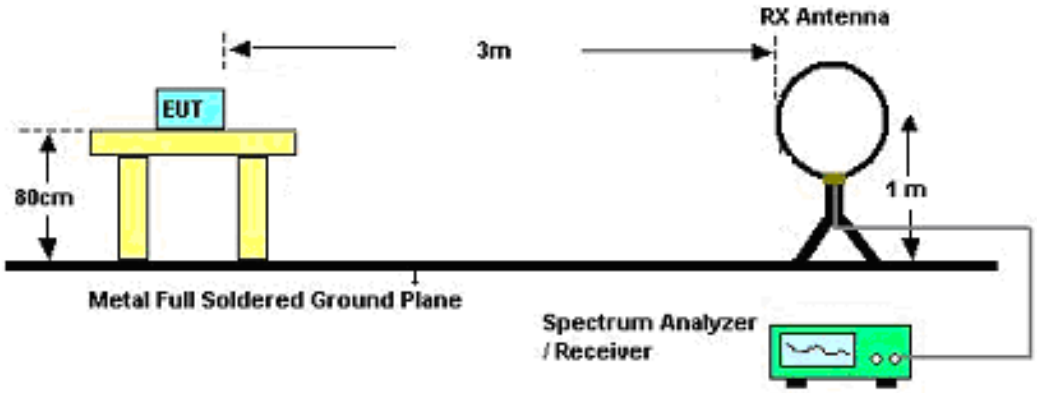
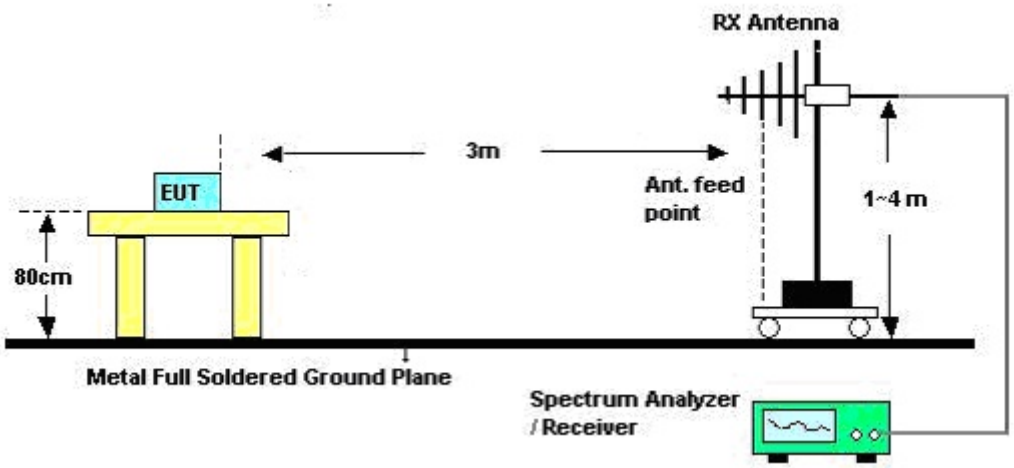
Test Method
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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 ≥ 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 ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.
▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
▪ Based on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

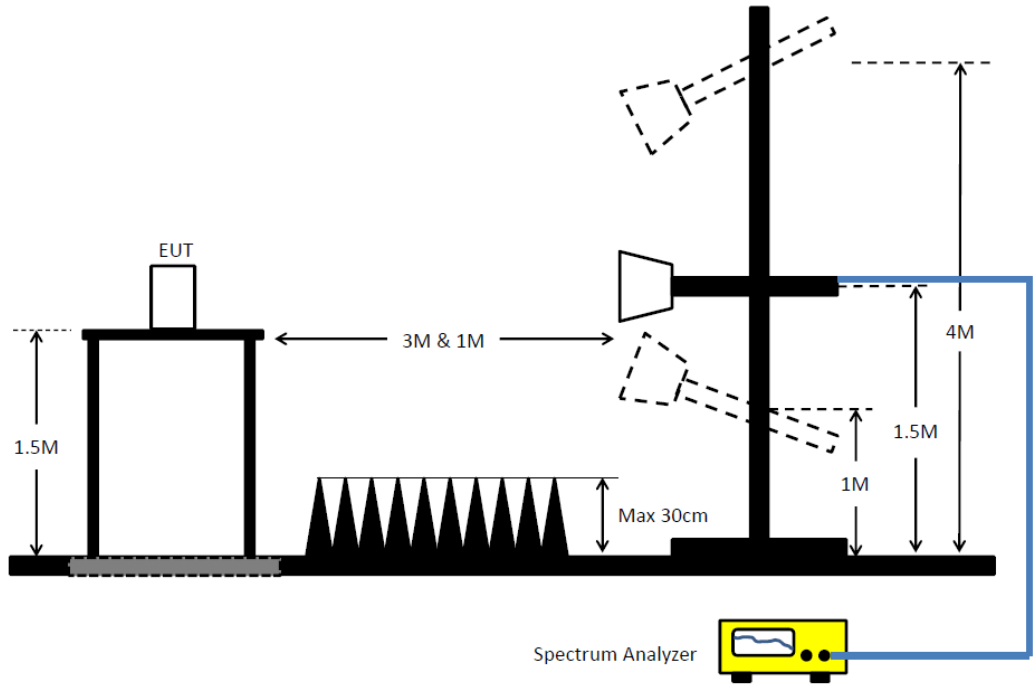
3.5.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup

Transmitter Radiated Unwanted Emissions
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



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	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-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

Instrument for Conducted Test

Instrument	Manufacturer	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/2022
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	14/Apr/2020	13/Apr/2021
Microwave System Preamplifier	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	25/Oct/2020	24/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	18/Mar/2020	17/Mar/2021
RF CABLE 5+6m	HUBER+ SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021

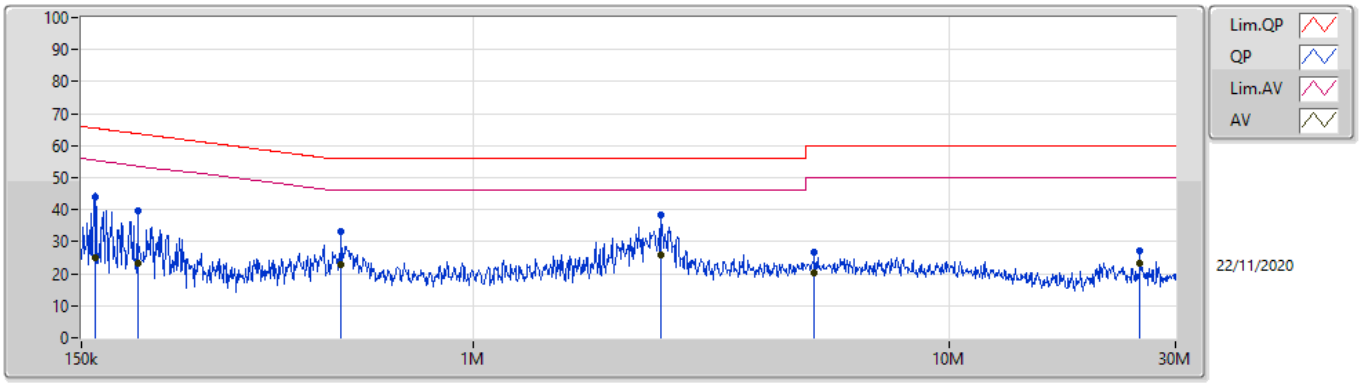
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	2.483M	38.38	56.00	-17.62	Line

Mode Configure

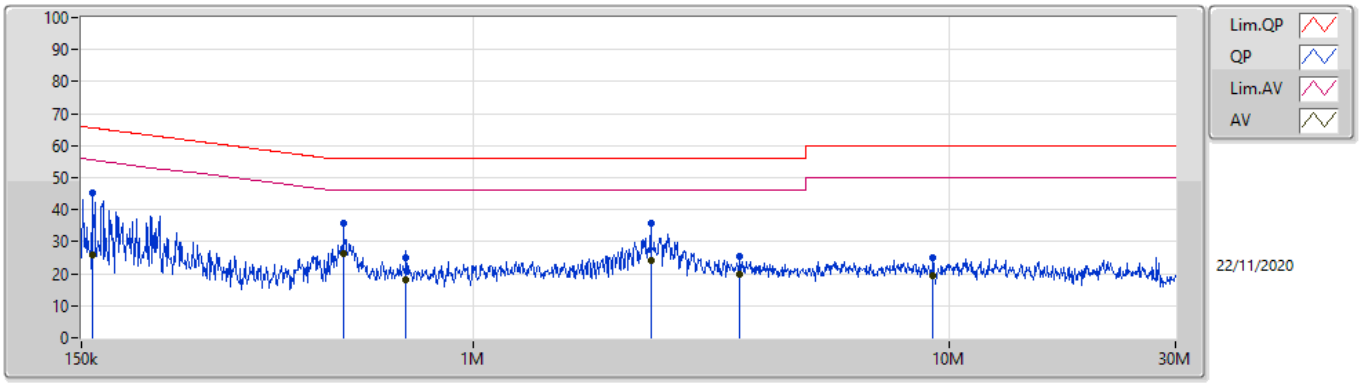
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	160.533k	44.09	65.43	-21.34	Line	-
Mode 1	Pass	AV	160.533k	25.03	55.43	-30.40	Line	-
Mode 1	Pass	QP	196.781k	39.51	63.74	-24.23	Line	-
Mode 1	Pass	AV	196.781k	23.31	53.74	-30.43	Line	-
Mode 1	Pass	QP	527.486k	33.18	56.00	-22.82	Line	-
Mode 1	Pass	AV	527.486k	22.95	46.00	-23.05	Line	-
Mode 1	Pass	QP	2.483M	38.38	56.00	-17.62	Line	"Worst"
Mode 1	Pass	AV	2.483M	25.87	46.00	-20.13	Line	-
Mode 1	Pass	QP	5.216M	26.90	60.00	-33.10	Line	-
Mode 1	Pass	AV	5.216M	20.37	50.00	-29.63	Line	-
Mode 1	Pass	QP	25.245M	27.01	60.00	-32.99	Line	-
Mode 1	Pass	AV	25.245M	23.10	50.00	-26.90	Line	-
Mode 1	Pass	QP	157.99k	45.20	65.56	-20.36	Neutral	-
Mode 1	Pass	AV	157.99k	25.87	55.56	-29.69	Neutral	-
Mode 1	Pass	QP	533.841k	35.79	56.00	-20.21	Neutral	-
Mode 1	Pass	AV	533.841k	26.18	46.00	-19.82	Neutral	"Worst"
Mode 1	Pass	QP	723.06k	25.18	56.00	-30.82	Neutral	-
Mode 1	Pass	AV	723.06k	18.07	46.00	-27.93	Neutral	-
Mode 1	Pass	QP	2.366M	35.59	56.00	-20.41	Neutral	-
Mode 1	Pass	AV	2.366M	24.12	46.00	-21.88	Neutral	-
Mode 1	Pass	QP	3.642M	25.46	56.00	-30.54	Neutral	-
Mode 1	Pass	AV	3.642M	20.04	46.00	-25.96	Neutral	-
Mode 1	Pass	QP	9.269M	25.04	60.00	-34.96	Neutral	-
Mode 1	Pass	AV	9.269M	19.56	50.00	-30.44	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.533k	44.09	65.43	-21.34	19.60	Line	-	24.49	9.69	0.01	9.90
AV	160.533k	25.03	55.43	-30.40	19.60	Line	-	5.43	9.69	0.01	9.90
QP	196.781k	39.51	63.74	-24.23	19.59	Line	-	19.92	9.68	0.01	9.90
AV	196.781k	23.31	53.74	-30.43	19.59	Line	-	3.72	9.68	0.01	9.90
QP	527.486k	33.18	56.00	-22.82	19.57	Line	-	13.61	9.67	0.03	9.87
AV	527.486k	22.95	46.00	-23.05	19.57	Line	-	3.38	9.67	0.03	9.87
QP	2.483M	38.38	56.00	-17.62	19.60	Line	"Worst"	18.78	9.68	0.09	9.83
AV	2.483M	25.87	46.00	-20.13	19.60	Line	-	6.27	9.68	0.09	9.83
QP	5.216M	26.90	60.00	-33.10	19.75	Line	-	7.15	9.70	0.15	9.90
AV	5.216M	20.37	50.00	-29.63	19.75	Line	-	0.62	9.70	0.15	9.90
QP	25.245M	27.01	60.00	-32.99	19.84	Line	-	7.17	9.59	0.35	9.90
AV	25.245M	23.10	50.00	-26.90	19.84	Line	-	3.26	9.59	0.35	9.90

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.99k	45.20	65.56	-20.36	19.60	Neutral	-	25.60	9.69	0.01	9.90
AV	157.99k	25.87	55.56	-29.69	19.60	Neutral	-	6.27	9.69	0.01	9.90
QP	533.841k	35.79	56.00	-20.21	19.57	Neutral	-	16.22	9.67	0.03	9.87
AV	533.841k	26.18	46.00	-19.82	19.57	Neutral	"Worst"	6.61	9.67	0.03	9.87
QP	723.06k	25.18	56.00	-30.82	19.55	Neutral	-	5.63	9.67	0.04	9.84
AV	723.06k	18.07	46.00	-27.93	19.55	Neutral	-	-1.48	9.67	0.04	9.84
QP	2.366M	35.59	56.00	-20.41	19.59	Neutral	-	16.00	9.68	0.09	9.82
AV	2.366M	24.12	46.00	-21.88	19.59	Neutral	-	4.53	9.68	0.09	9.82
QP	3.642M	25.46	56.00	-30.54	19.69	Neutral	-	5.77	9.69	0.11	9.89
AV	3.642M	20.04	46.00	-25.96	19.69	Neutral	-	0.35	9.69	0.11	9.89
QP	9.269M	25.04	60.00	-34.96	19.83	Neutral	-	5.21	9.73	0.20	9.90
AV	9.269M	19.56	50.00	-30.44	19.83	Neutral	-	-0.27	9.73	0.20	9.90

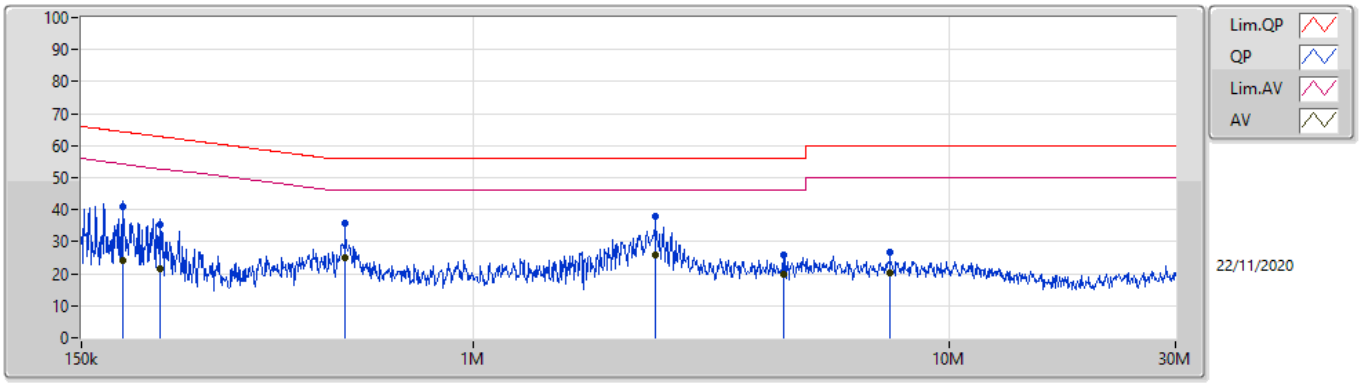
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	2.424M	38.14	56.00	-17.86	Line

Mode Configure

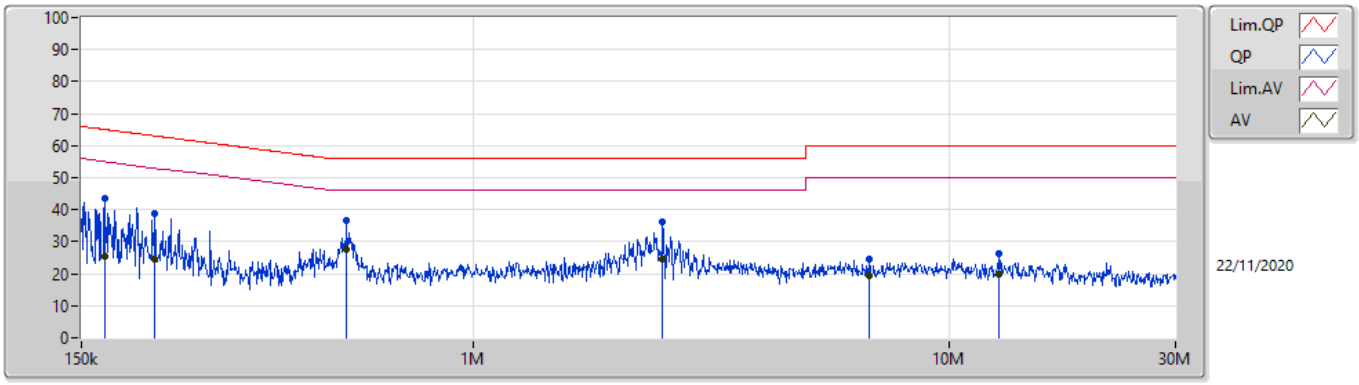
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	183.137k	40.91	64.34	-23.43	Line	-
Mode 1	Pass	AV	183.137k	24.29	54.34	-30.05	Line	-
Mode 1	Pass	QP	220.053k	35.50	62.81	-27.31	Line	-
Mode 1	Pass	AV	220.053k	21.64	52.81	-31.17	Line	-
Mode 1	Pass	QP	538.12k	35.71	56.00	-20.29	Line	-
Mode 1	Pass	AV	538.12k	25.08	46.00	-20.92	Line	-
Mode 1	Pass	QP	2.424M	38.14	56.00	-17.86	Line	"Worst"
Mode 1	Pass	AV	2.424M	25.67	46.00	-20.33	Line	-
Mode 1	Pass	QP	4.5M	25.96	56.00	-30.04	Line	-
Mode 1	Pass	AV	4.5M	19.78	46.00	-26.22	Line	-
Mode 1	Pass	QP	7.501M	26.82	60.00	-33.18	Line	-
Mode 1	Pass	AV	7.501M	20.28	50.00	-29.72	Line	-
Mode 1	Pass	QP	167.739k	43.50	65.06	-21.56	Neutral	-
Mode 1	Pass	AV	167.739k	25.32	55.06	-29.74	Neutral	-
Mode 1	Pass	QP	213.989k	38.61	63.06	-24.45	Neutral	-
Mode 1	Pass	AV	213.989k	24.36	53.06	-28.70	Neutral	-
Mode 1	Pass	QP	542.434k	36.77	56.00	-19.23	Neutral	-
Mode 1	Pass	AV	542.434k	27.48	46.00	-18.52	Neutral	"Worst"
Mode 1	Pass	QP	2.502M	36.37	56.00	-19.63	Neutral	-
Mode 1	Pass	AV	2.502M	24.59	46.00	-21.41	Neutral	-
Mode 1	Pass	QP	6.816M	24.70	60.00	-35.30	Neutral	-
Mode 1	Pass	AV	6.816M	19.29	50.00	-30.71	Neutral	-
Mode 1	Pass	QP	12.756M	26.10	60.00	-33.90	Neutral	-
Mode 1	Pass	AV	12.756M	19.96	50.00	-30.04	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	183.137k	40.91	64.34	-23.43	19.59	Line	-	21.32	9.68	0.01	9.90
AV	183.137k	24.29	54.34	-30.05	19.59	Line	-	4.70	9.68	0.01	9.90
QP	220.053k	35.50	62.81	-27.31	19.59	Line	-	15.91	9.68	0.01	9.90
AV	220.053k	21.64	52.81	-31.17	19.59	Line	-	2.05	9.68	0.01	9.90
QP	538.12k	35.71	56.00	-20.29	19.57	Line	-	16.14	9.67	0.03	9.87
AV	538.12k	25.08	46.00	-20.92	19.57	Line	-	5.51	9.67	0.03	9.87
QP	2.424M	38.14	56.00	-17.86	19.60	Line	"Worst"	18.54	9.68	0.09	9.83
AV	2.424M	25.67	46.00	-20.33	19.60	Line	-	6.07	9.68	0.09	9.83
QP	4.5M	25.96	56.00	-30.04	19.72	Line	-	6.24	9.69	0.13	9.90
AV	4.5M	19.78	46.00	-26.22	19.72	Line	-	0.06	9.69	0.13	9.90
QP	7.501M	26.82	60.00	-33.18	19.79	Line	-	7.03	9.71	0.18	9.90
AV	7.501M	20.28	50.00	-29.72	19.79	Line	-	0.49	9.71	0.18	9.90

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	167.739k	43.50	65.06	-21.56	19.60	Neutral	-	23.90	9.69	0.01	9.90
AV	167.739k	25.32	55.06	-29.74	19.60	Neutral	-	5.72	9.69	0.01	9.90
QP	213.989k	38.61	63.06	-24.45	19.59	Neutral	-	19.02	9.68	0.01	9.90
AV	213.989k	24.36	53.06	-28.70	19.59	Neutral	-	4.77	9.68	0.01	9.90
QP	542.434k	36.77	56.00	-19.23	19.57	Neutral	-	17.20	9.67	0.03	9.87
AV	542.434k	27.48	46.00	-18.52	19.57	Neutral	"Worst"	7.91	9.67	0.03	9.87
QP	2.502M	36.37	56.00	-19.63	19.60	Neutral	-	16.77	9.68	0.09	9.83
AV	2.502M	24.59	46.00	-21.41	19.60	Neutral	-	4.99	9.68	0.09	9.83
QP	6.816M	24.70	60.00	-35.30	19.78	Neutral	-	4.92	9.71	0.17	9.90
AV	6.816M	19.29	50.00	-30.71	19.78	Neutral	-	-0.49	9.71	0.17	9.90
QP	12.756M	26.10	60.00	-33.90	19.87	Neutral	-	6.23	9.74	0.23	9.90
AV	12.756M	19.96	50.00	-30.04	19.87	Neutral	-	0.09	9.74	0.23	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)_4TX	21.45M	16.732M	16M7D1D	21.12M	16.492M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.72M	19.04M	19M0D1D	21.3M	17.781M
802.11ax HEW40_Nss1,(MCS0)_4TX	43.5M	36.642M	36M6D1D	39.54M	36.402M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.24M	77.601M	77M6D1D	81M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	16.852M	16M9D1D	16.08M	16.522M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.87M	19.04M	19M0D1D	17.55M	17.781M
802.11ax HEW40_Nss1,(MCS0)_4TX	36.36M	37.061M	37M1D1D	35.76M	36.462M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.92M	77.601M	77M6D1D	75.36M	77.241M

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

Result

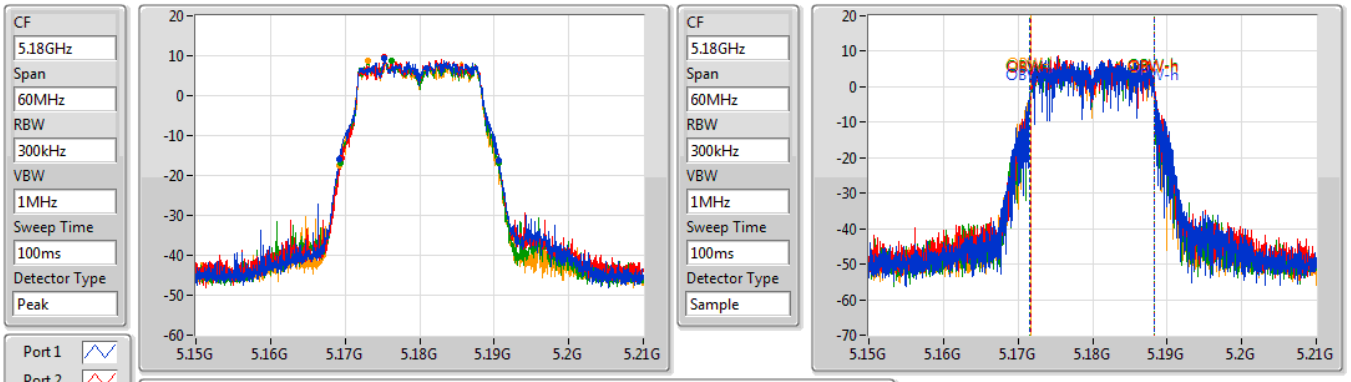
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.42M	16.642M	21.12M	16.612M	21.24M	16.642M	21.33M	16.582M
5200MHz	Pass	Inf	21.42M	16.612M	21.27M	16.732M	21.24M	16.492M	21.33M	16.612M
5240MHz	Pass	Inf	21.45M	16.642M	21.12M	16.642M	21.3M	16.552M	21.33M	16.522M
5745MHz	Pass	500k	16.26M	16.732M	16.32M	16.732M	16.32M	16.522M	16.35M	16.732M
5785MHz	Pass	500k	16.08M	16.852M	16.32M	16.672M	16.32M	16.582M	16.32M	16.612M
5825MHz	Pass	500k	16.32M	16.702M	16.29M	16.702M	16.29M	16.612M	16.32M	16.612M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	17.871M	21.51M	17.811M	21.33M	17.811M	21.6M	17.781M
5200MHz	Pass	Inf	21.45M	19.01M	21.36M	19.04M	21.45M	19.01M	21.51M	18.981M
5240MHz	Pass	Inf	21.66M	17.841M	21.3M	17.811M	21.57M	17.841M	21.6M	17.781M
5745MHz	Pass	500k	18.87M	19.01M	18.81M	19.04M	18.78M	18.981M	18.84M	19.01M
5785MHz	Pass	500k	17.55M	17.811M	17.58M	17.841M	17.55M	17.811M	17.61M	17.781M
5825MHz	Pass	500k	17.55M	18.051M	17.61M	17.931M	17.58M	17.811M	17.55M	17.871M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.9M	36.462M	39.54M	36.402M	39.96M	36.522M	39.6M	36.462M
5230MHz	Pass	Inf	43.5M	36.522M	40.14M	36.462M	40.2M	36.642M	40.98M	36.462M
5755MHz	Pass	500k	35.76M	37.061M	36.3M	36.642M	36.24M	36.462M	36M	36.642M
5795MHz	Pass	500k	36M	36.942M	36.36M	36.582M	36.3M	36.702M	36.06M	36.522M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.12M	77.241M	81.24M	77.601M	81.12M	77.241M	81M	77.241M
5775MHz	Pass	500k	76.2M	77.481M	75.36M	77.601M	76.92M	77.361M	75.96M	77.241M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

16/11/2020

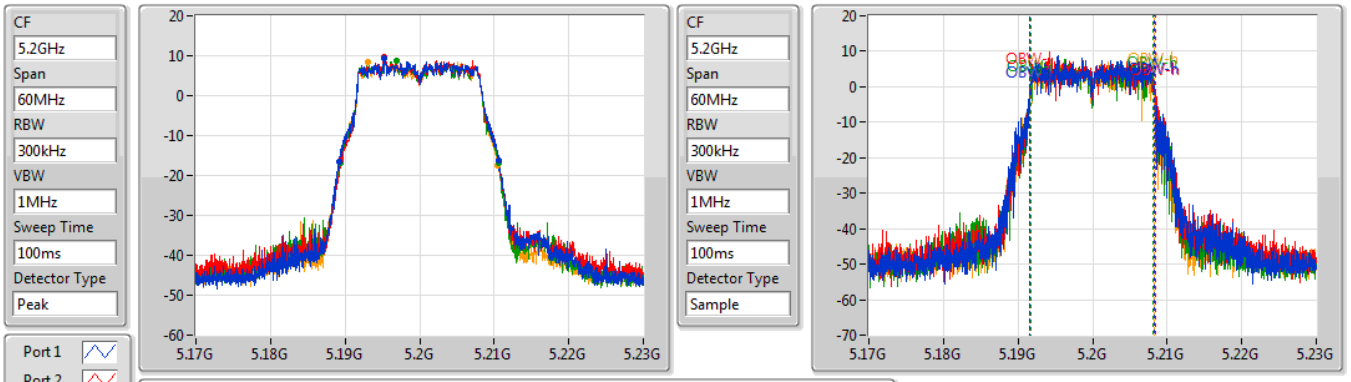


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.1692G	5.19062G	16.642M	5.171634G	5.188276G	Inf	1
21.12M	5.16953G	5.19065G	16.612M	5.171664G	5.188276G	Inf	2
21.24M	5.16932G	5.19056G	16.642M	5.171634G	5.188276G	Inf	3
21.33M	5.16917G	5.1905G	16.582M	5.171664G	5.188246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

16/11/2020

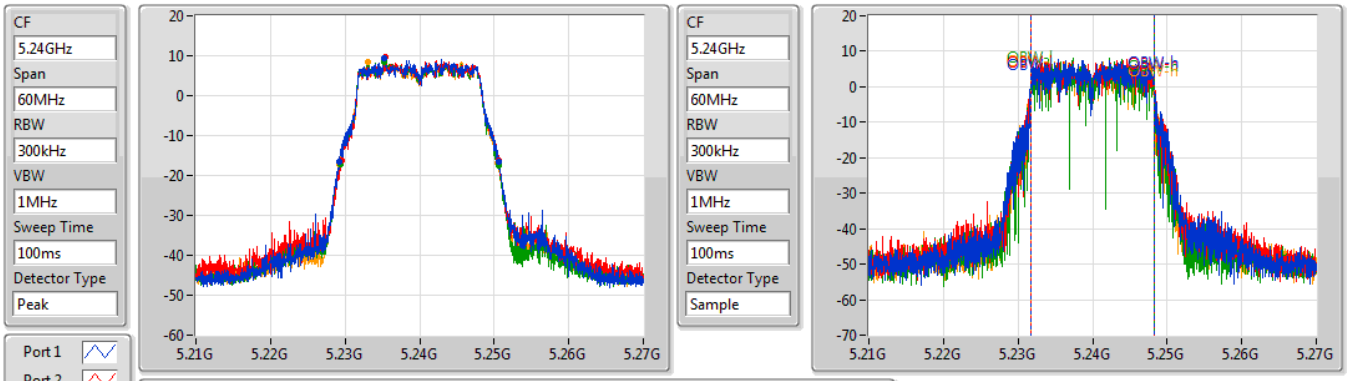


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.1892G	5.21062G	16.612M	5.191604G	5.208216G	Inf	1
21.27M	5.18935G	5.21062G	16.732M	5.191634G	5.208366G	Inf	2
21.24M	5.18932G	5.21056G	16.492M	5.191664G	5.208156G	Inf	3
21.33M	5.18917G	5.2105G	16.612M	5.191634G	5.208246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

16/11/2020

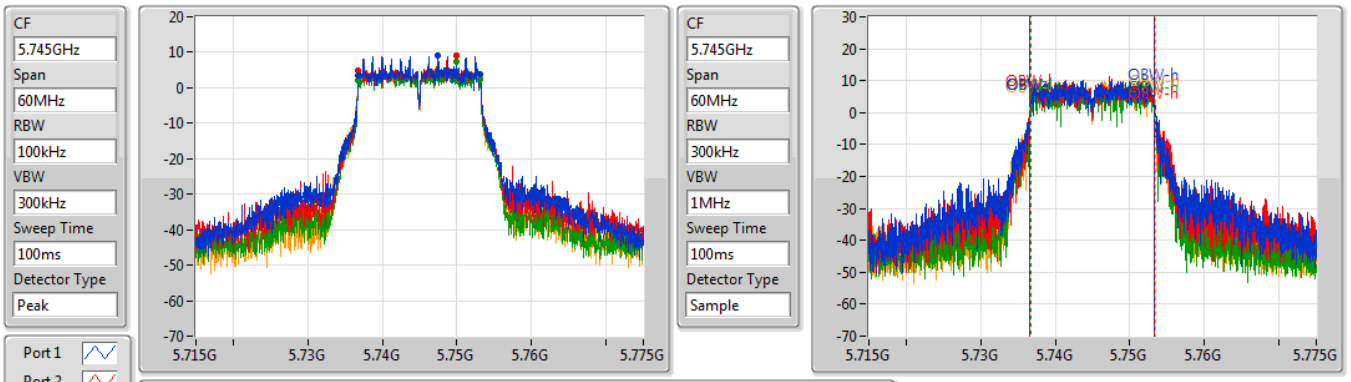


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.22917G	5.25062G	16.642M	5.231694G	5.248336G	Inf	1
21.12M	5.22953G	5.25065G	16.642M	5.231664G	5.248306G	Inf	2
21.3M	5.22932G	5.25062G	16.552M	5.231664G	5.248216G	Inf	3
21.33M	5.22917G	5.2505G	16.522M	5.231694G	5.248216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

17/11/2020

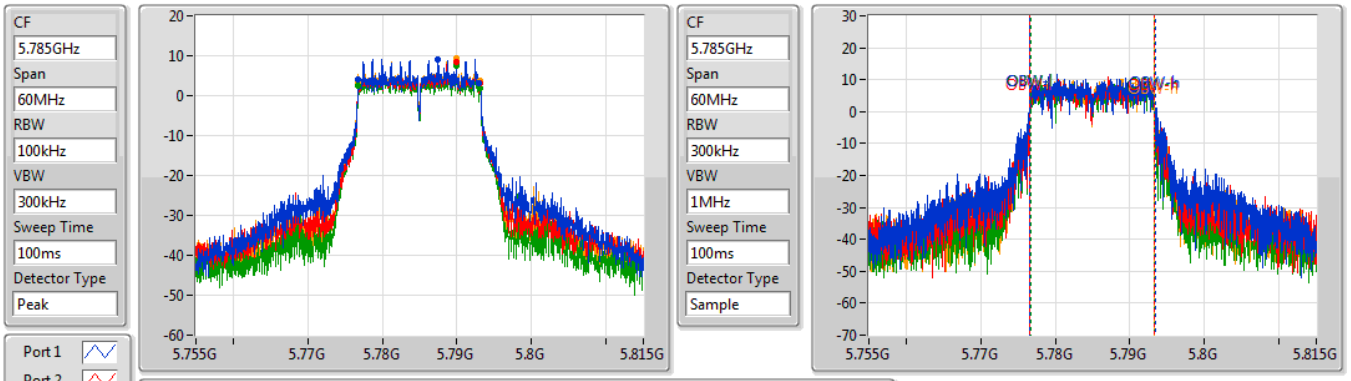


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.73681G	5.75307G	16.732M	5.736604G	5.753336G	500k	1
16.32M	5.73681G	5.75313G	16.732M	5.736604G	5.753336G	500k	2
16.32M	5.73678G	5.7531G	16.522M	5.736694G	5.753216G	500k	3
16.35M	5.73678G	5.75313G	16.732M	5.736634G	5.753366G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

17/11/2020

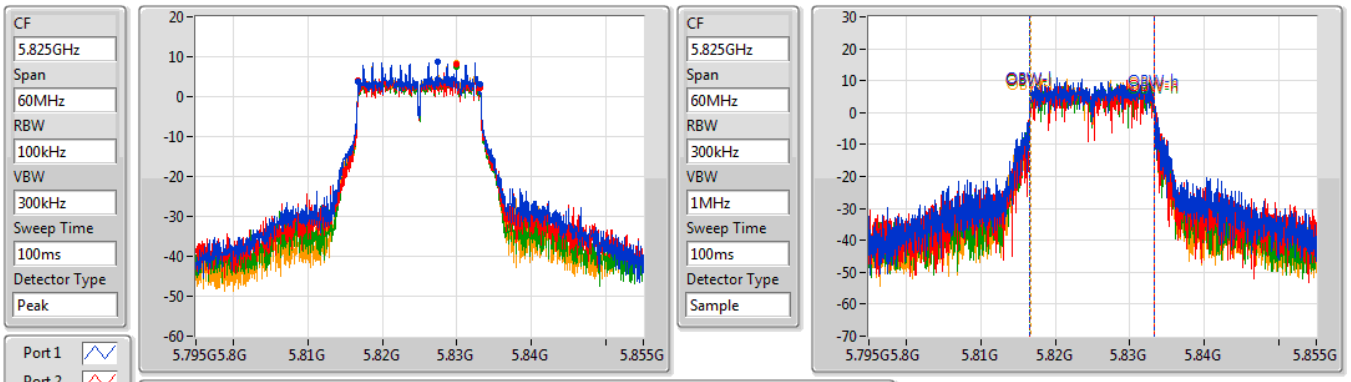


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.08M	5.77678G	5.79286G	16.852M	5.776574G	5.793426G	500k	1
16.32M	5.77678G	5.7931G	16.672M	5.776634G	5.793306G	500k	2
16.32M	5.77678G	5.7931G	16.582M	5.776664G	5.793246G	500k	3
16.32M	5.77678G	5.7931G	16.612M	5.776664G	5.793276G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

17/11/2020

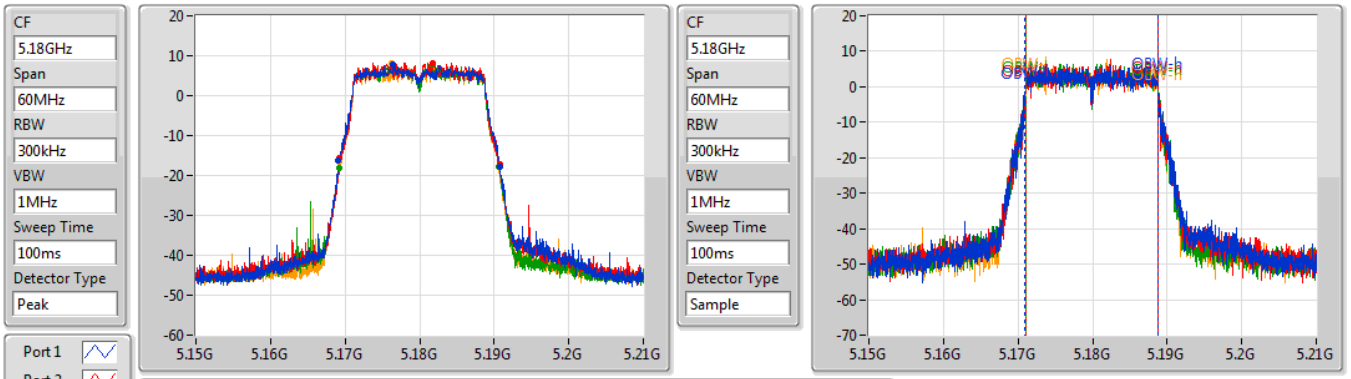


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	16.702M	5.816604G	5.833306G	500k	1
16.29M	5.81681G	5.8331G	16.702M	5.816634G	5.833336G	500k	2
16.29M	5.81678G	5.83307G	16.612M	5.816634G	5.833246G	500k	3
16.32M	5.81678G	5.8331G	16.612M	5.816664G	5.833276G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

17/11/2020

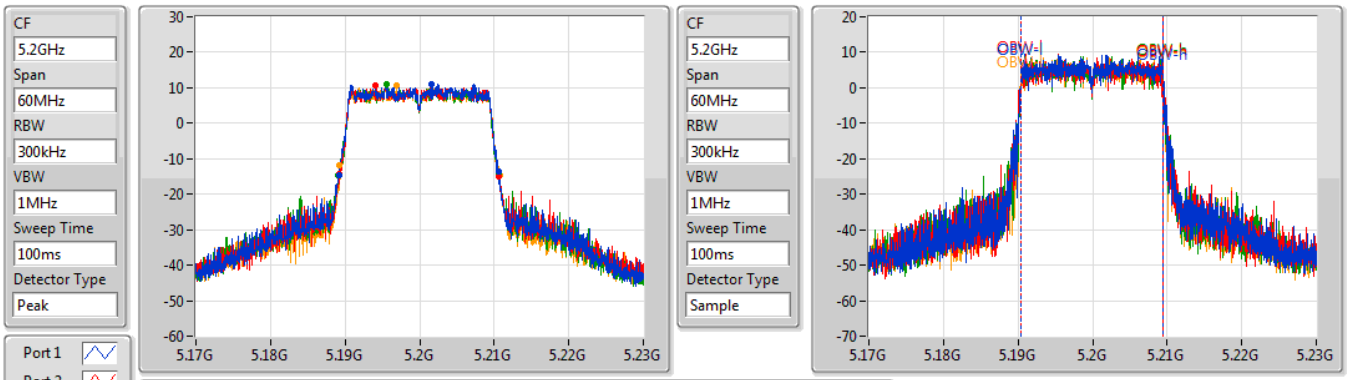


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.16911G	5.19083G	17.871M	5.170945G	5.188816G	Inf	1
21.51M	5.1692G	5.19071G	17.811M	5.171004G	5.188816G	Inf	2
21.33M	5.16929G	5.19062G	17.811M	5.171004G	5.188816G	Inf	3
21.6M	5.16914G	5.19074G	17.781M	5.171034G	5.188816G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

17/11/2020

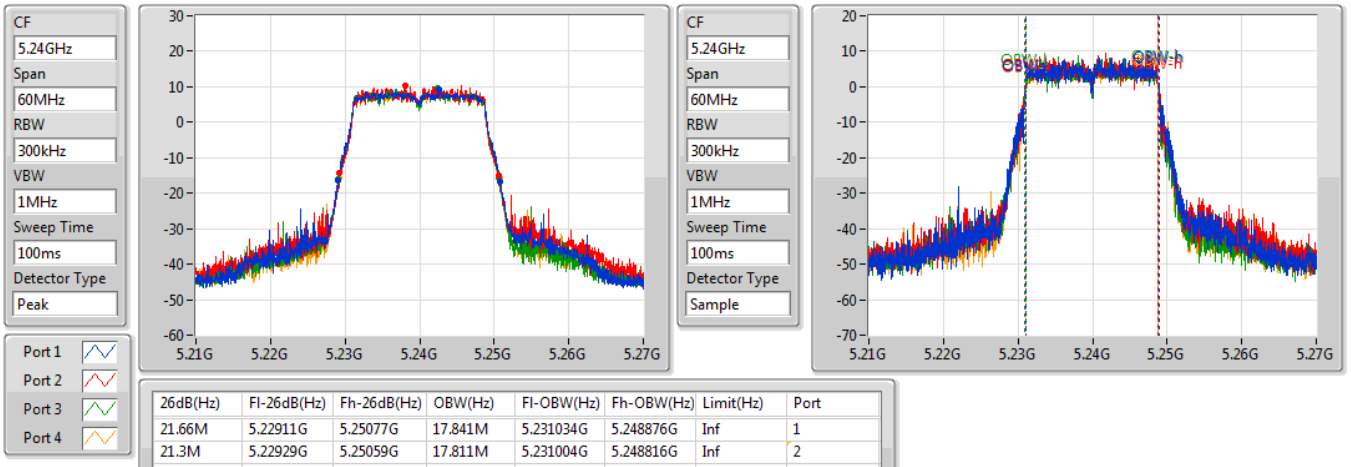


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.18914G	5.21059G	19.01M	5.190405G	5.209415G	Inf	1
21.36M	5.18926G	5.21062G	19.04M	5.190405G	5.209445G	Inf	2
21.45M	5.18911G	5.21056G	19.01M	5.190405G	5.209415G	Inf	3
21.51M	5.18926G	5.21077G	18.981M	5.190435G	5.209415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

17/11/2020

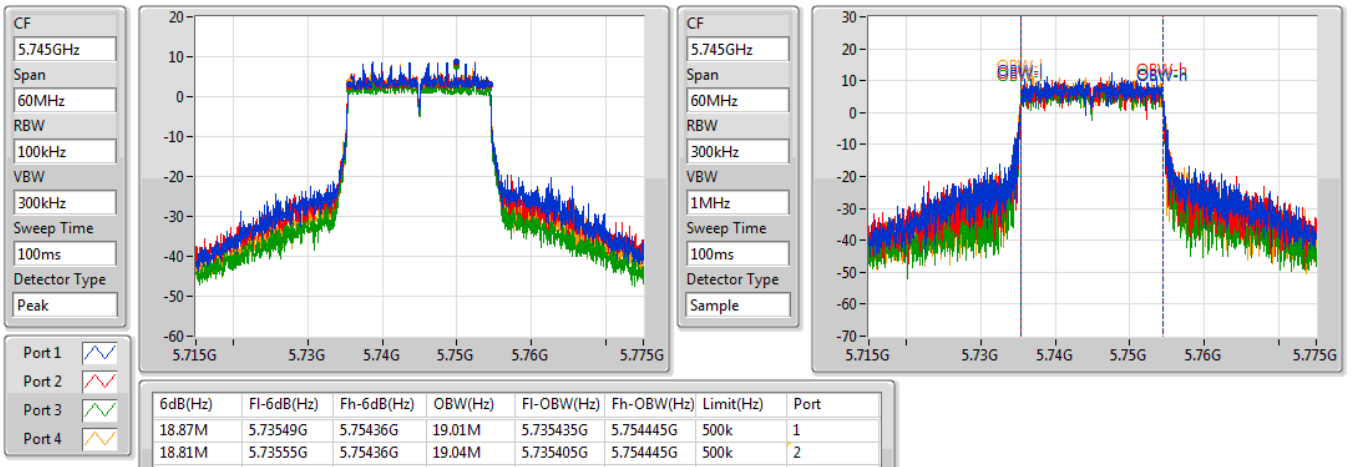


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.22911G	5.25077G	17.841M	5.231034G	5.248876G	Inf	1
21.3M	5.22929G	5.25059G	17.811M	5.231004G	5.248816G	Inf	2
21.57M	5.22911G	5.25068G	17.841M	5.230975G	5.248816G	Inf	3
21.6M	5.22917G	5.25077G	17.781M	5.231004G	5.248786G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

17/11/2020

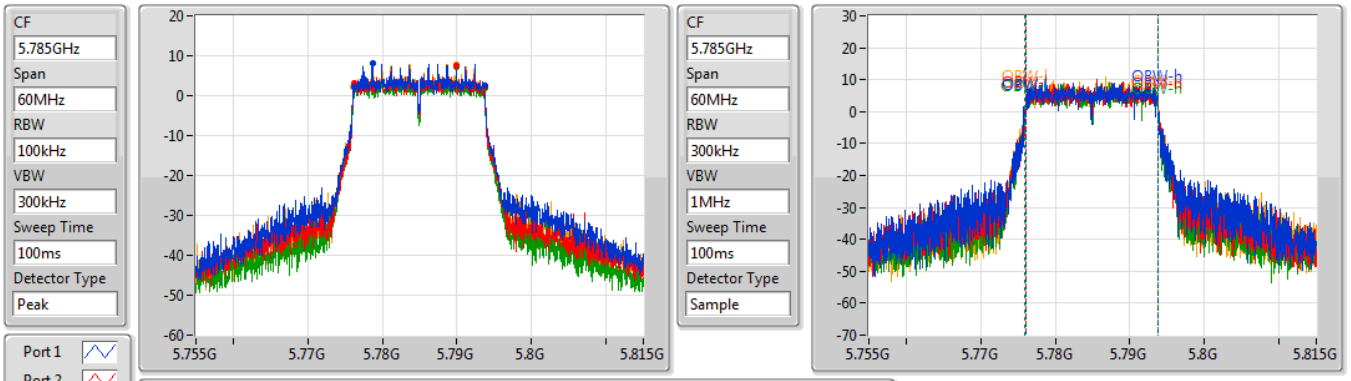


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.73549G	5.75436G	19.01M	5.735435G	5.754445G	500k	1
18.81M	5.73555G	5.75436G	19.04M	5.735405G	5.754445G	500k	2
18.78M	5.73552G	5.7543G	18.981M	5.735435G	5.754415G	500k	3
18.84M	5.73552G	5.75436G	19.01M	5.735405G	5.754415G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

17/11/2020

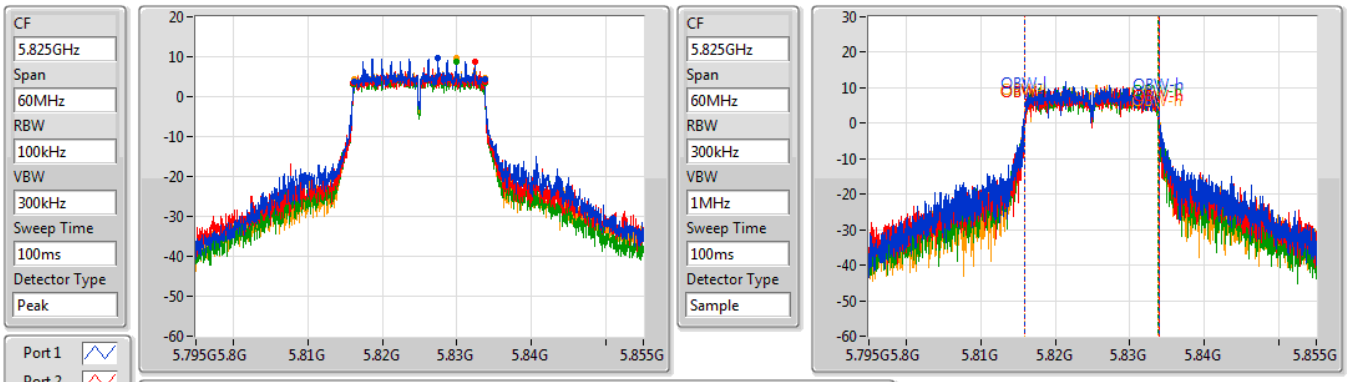


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77615G	5.7937G	17.811M	5.776004G	5.793816G	500k	1
17.58M	5.77615G	5.79373G	17.841M	5.776004G	5.793846G	500k	2
17.55M	5.77615G	5.7937G	17.811M	5.775945G	5.793756G	500k	3
17.61M	5.77612G	5.79373G	17.781M	5.776004G	5.793786G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

17/11/2020

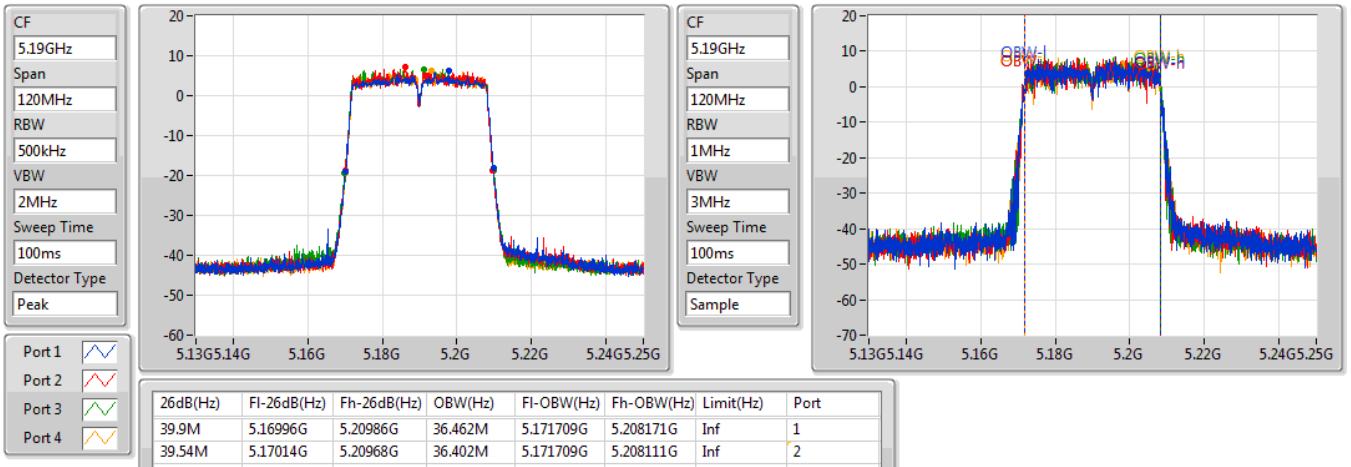


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.81615G	5.8337G	18.051M	5.815885G	5.833936G	500k	1
17.61M	5.81612G	5.83373G	17.931M	5.815945G	5.833876G	500k	2
17.58M	5.81612G	5.8337G	17.811M	5.815975G	5.833786G	500k	3
17.55M	5.81615G	5.8337G	17.871M	5.815975G	5.833846G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

17/11/2020

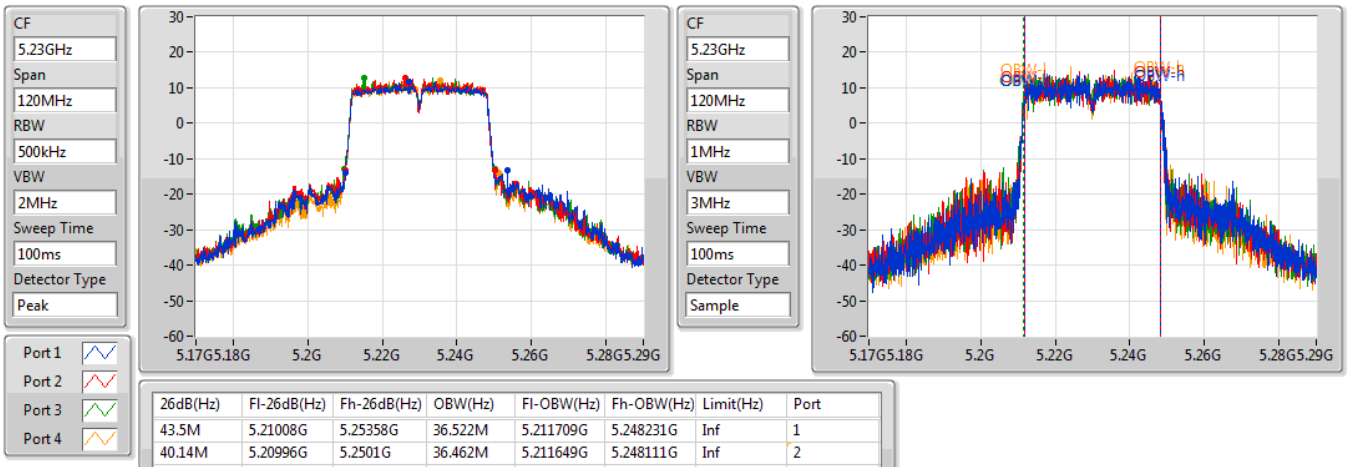


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.16996G	5.20986G	36.462M	5.171709G	5.208171G	Inf	1
39.54M	5.17014G	5.20968G	36.402M	5.171709G	5.208111G	Inf	2
39.96M	5.1699G	5.20986G	36.522M	5.171709G	5.208231G	Inf	3
39.6M	5.1702G	5.2098G	36.462M	5.171709G	5.208171G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

17/11/2020

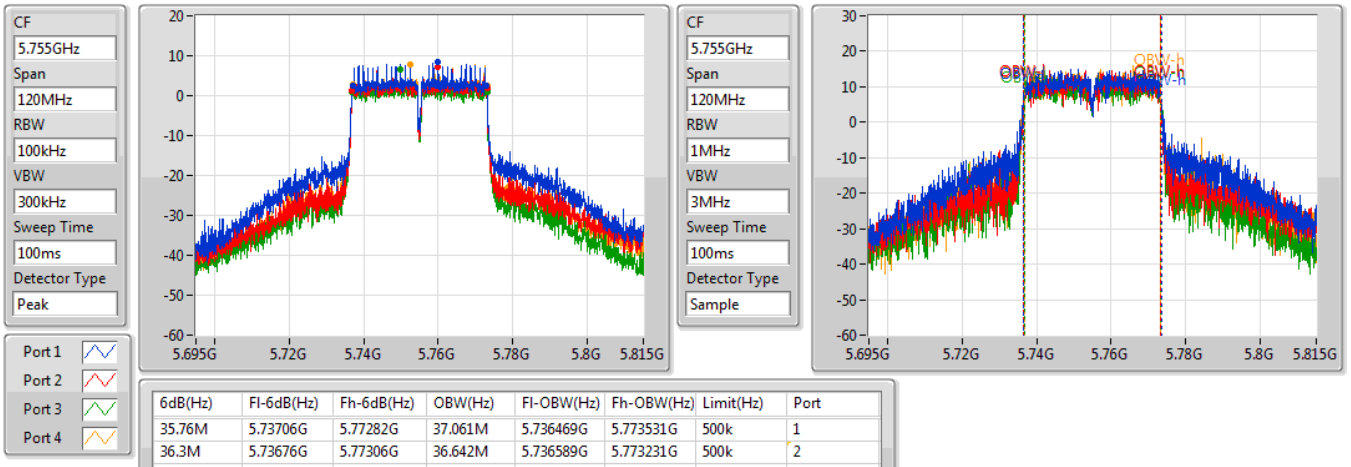


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.5M	5.21008G	5.25358G	36.522M	5.211709G	5.248231G	Inf	1
40.14M	5.20996G	5.2501G	36.462M	5.211649G	5.248111G	Inf	2
40.2M	5.2099G	5.2501G	36.642M	5.211589G	5.248231G	Inf	3
40.98M	5.21014G	5.25112G	36.462M	5.211769G	5.248231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

17/11/2020

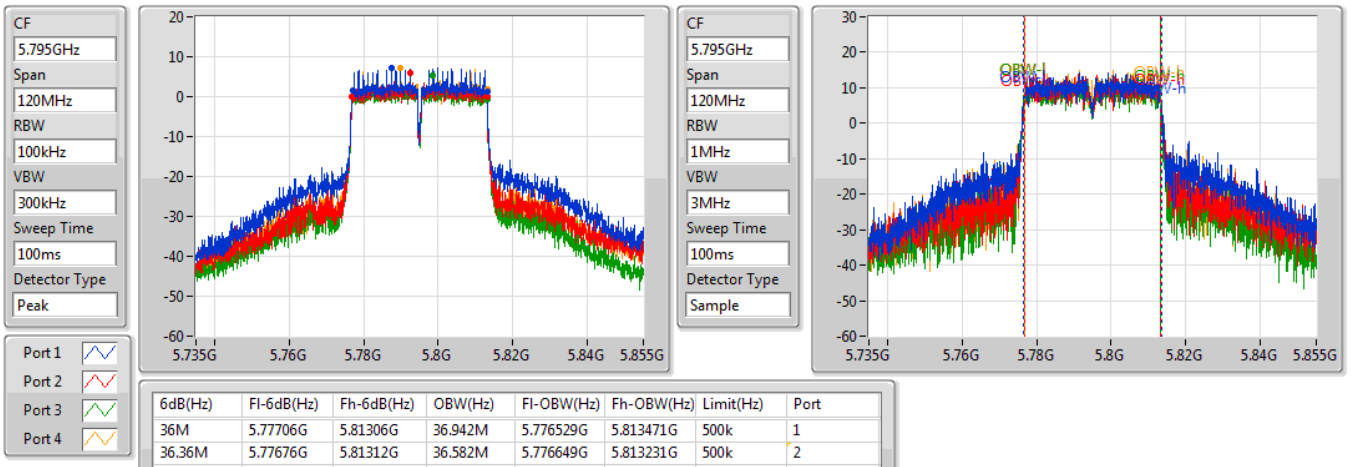


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.76M	5.73706G	5.77282G	37.061M	5.736469G	5.773531G	500k	1
36.3M	5.73676G	5.77306G	36.642M	5.736589G	5.773231G	500k	2
36.24M	5.73682G	5.77306G	36.462M	5.736709G	5.773171G	500k	3
36M	5.73706G	5.77306G	36.642M	5.736649G	5.773291G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

17/11/2020

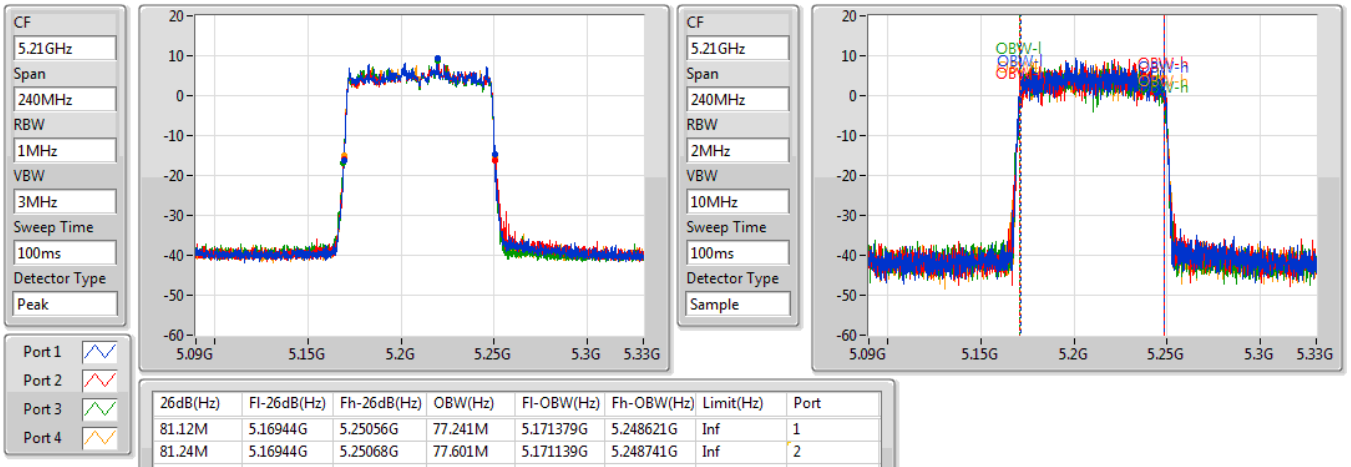


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36M	5.77706G	5.81306G	36.942M	5.776529G	5.813471G	500k	1
36.36M	5.77676G	5.81312G	36.582M	5.776649G	5.813231G	500k	2
36.3M	5.77676G	5.81306G	36.702M	5.776469G	5.813171G	500k	3
36.06M	5.777G	5.81306G	36.522M	5.776709G	5.813231G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

17/11/2020

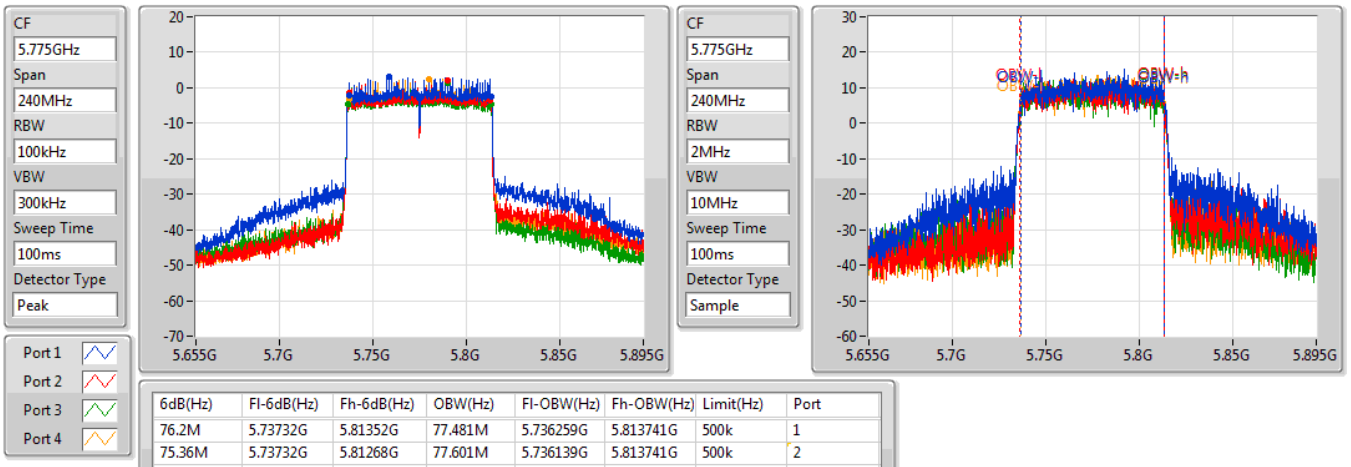


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.12M	5.16944G	5.25056G	77.241M	5.171379G	5.248621G	Inf	1
81.24M	5.16944G	5.25068G	77.601M	5.171139G	5.248741G	Inf	2
81.12M	5.1692G	5.25032G	77.241M	5.171139G	5.248381G	Inf	3
81M	5.16932G	5.25032G	77.241M	5.171259G	5.248501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

17/11/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.73732G	5.81352G	77.481M	5.736259G	5.813741G	500k	1
75.36M	5.73732G	5.81268G	77.601M	5.736139G	5.813741G	500k	2
76.92M	5.7366G	5.81352G	77.361M	5.736259G	5.813621G	500k	3
75.96M	5.73696G	5.81292G	77.241M	5.736379G	5.813621G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.72M	19.1M	19M1D1D	21.18M	18.771M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.56M	37.961M	38M0D1D	39.66M	36.942M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.36M	77.721M	77M7D1D	80.04M	75.202M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.99M	19.07M	19M1D1D	17.67M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	37.961M	38M0D1D	36.42M	37.421M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.28M	77.481M	77M5D1D	73.92M	74.963M

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

Result

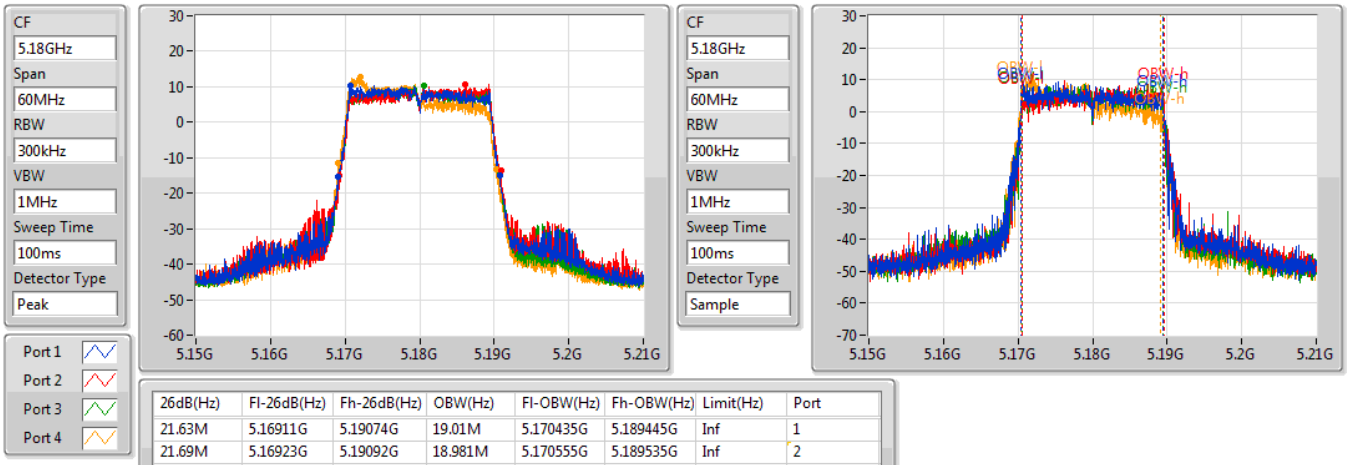
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	19.01M	21.69M	18.981M	21.51M	18.951M	21.18M	18.771M
5200MHz	Pass	Inf	21.72M	19.1M	21.45M	18.981M	21.45M	19.01M	21.72M	18.981M
5240MHz	Pass	Inf	21.57M	18.981M	21.48M	19.01M	21.54M	18.981M	21.36M	18.981M
5745MHz	Pass	500k	18.48M	18.861M	18.99M	19.01M	18.93M	18.981M	18.99M	19.01M
5785MHz	Pass	500k	18.99M	19.07M	18.66M	18.981M	18.84M	19.04M	18.81M	19.04M
5825MHz	Pass	500k	18.87M	18.981M	17.67M	18.861M	18.93M	19.01M	18.81M	18.951M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.901M	40.56M	37.481M	40.14M	37.481M	39.84M	37.481M
5230MHz	Pass	Inf	40.14M	37.721M	39.66M	36.942M	40.14M	37.961M	39.84M	37.001M
5755MHz	Pass	500k	36.42M	37.421M	37.68M	37.961M	37.02M	37.481M	37.38M	37.781M
5795MHz	Pass	500k	37.74M	37.901M	37.5M	37.841M	37.68M	37.601M	36.78M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.36M	77.721M	80.4M	75.202M	80.04M	77.361M	81M	77.241M
5775MHz	Pass	500k	75.84M	75.442M	77.28M	74.963M	73.92M	76.402M	75.12M	77.481M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

26/11/2020

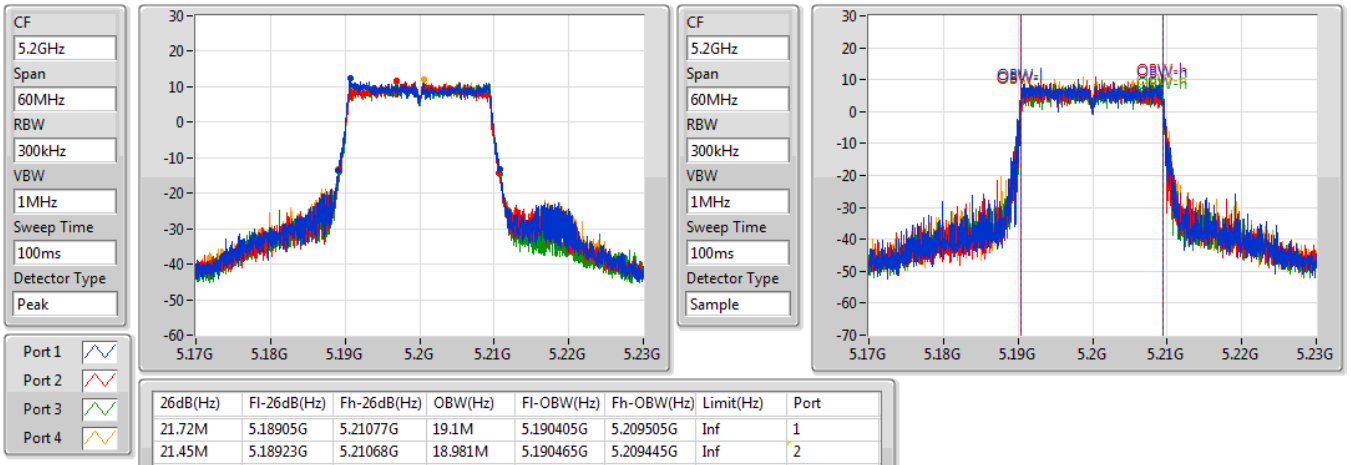


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.16911G	5.19074G	19.01M	5.170435G	5.189445G	Inf	1
21.69M	5.16923G	5.19092G	18.981M	5.1705555G	5.189535G	Inf	2
21.51M	5.16923G	5.19074G	18.951M	5.170525G	5.189475G	Inf	3
21.18M	5.16911G	5.19029G	18.771M	5.170345G	5.189115G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

26/11/2020

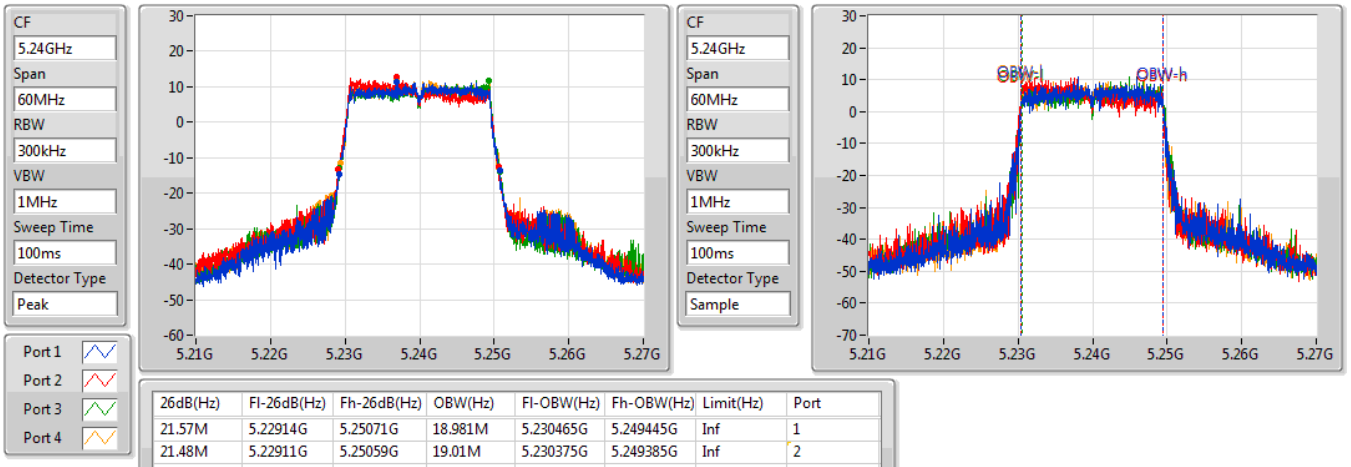


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.18905G	5.21077G	19.1M	5.190405G	5.209505G	Inf	1
21.45M	5.18923G	5.21068G	18.981M	5.190465G	5.209445G	Inf	2
21.45M	5.18926G	5.21071G	19.01M	5.190465G	5.209475G	Inf	3
21.72M	5.18911G	5.21083G	18.981M	5.190465G	5.209445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

26/11/2020

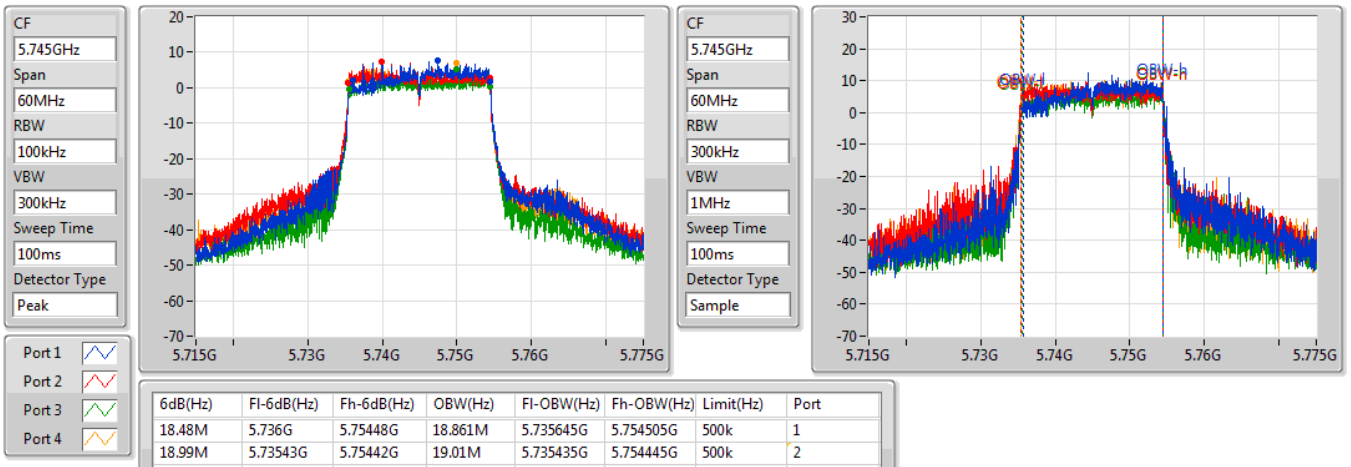


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.22914G	5.25071G	18.981M	5.230465G	5.249445G	Inf	1
21.48M	5.22911G	5.25059G	19.01M	5.230375G	5.249385G	Inf	2
21.54M	5.22929G	5.25083G	18.981M	5.230495G	5.249475G	Inf	3
21.36M	5.22932G	5.25068G	18.981M	5.230465G	5.249445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

26/11/2020

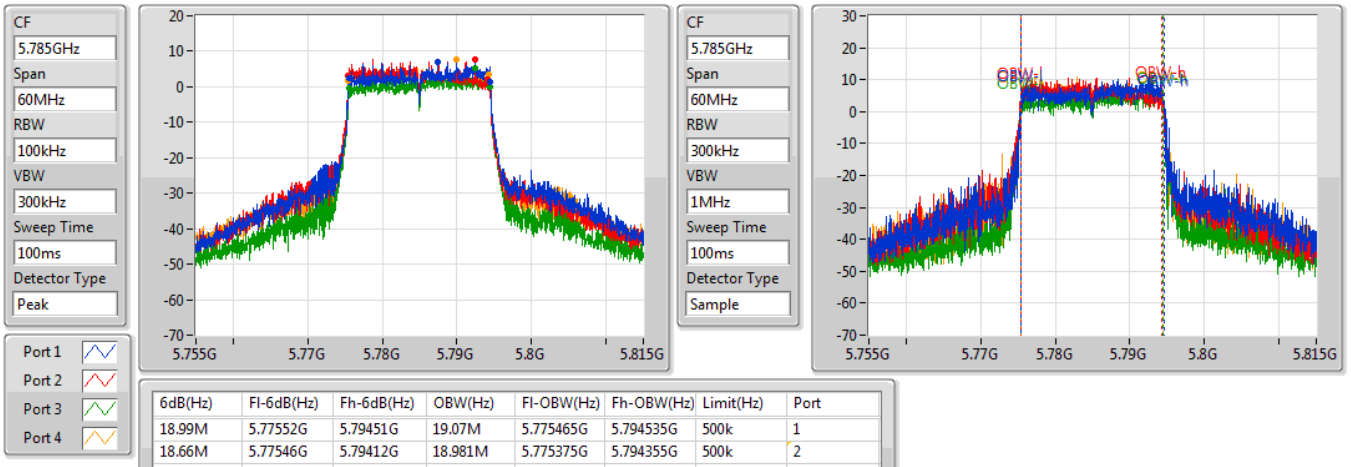


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.736G	5.75448G	18.861M	5.735645G	5.754505G	500k	1
18.99M	5.73543G	5.75442G	19.01M	5.735435G	5.754445G	500k	2
18.93M	5.73555G	5.75448G	18.981M	5.735525G	5.754505G	500k	3
18.99M	5.73543G	5.75442G	19.01M	5.735435G	5.754445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

26/11/2020

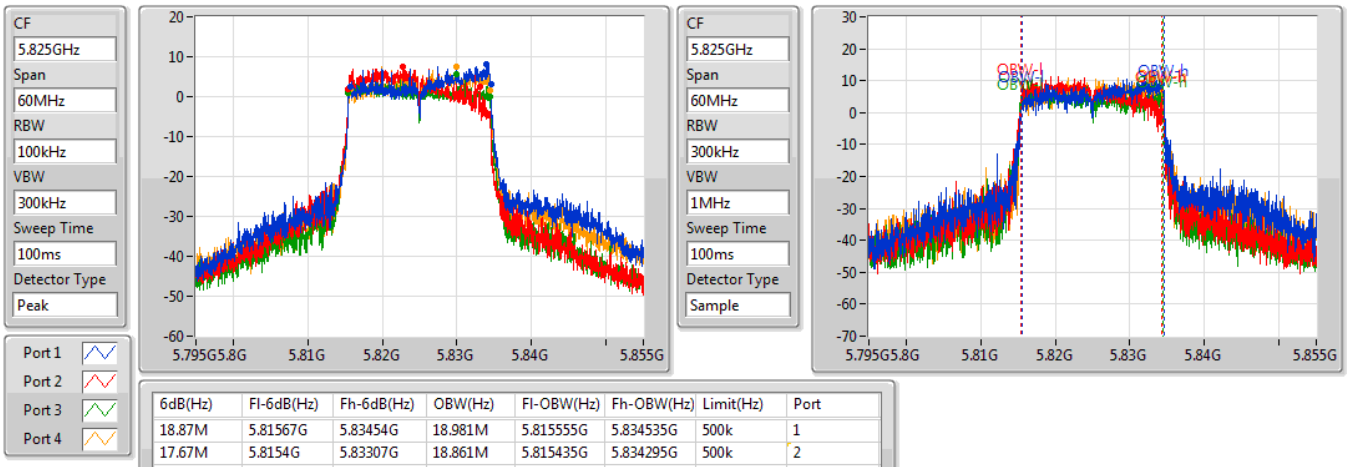


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.77552G	5.79451G	19.07M	5.775465G	5.794535G	500k	1
18.66M	5.77546G	5.79412G	18.981M	5.775375G	5.794355G	500k	2
18.84M	5.77561G	5.79445G	19.04M	5.775465G	5.794505G	500k	3
18.81M	5.77546G	5.79427G	19.04M	5.775405G	5.794445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

26/11/2020

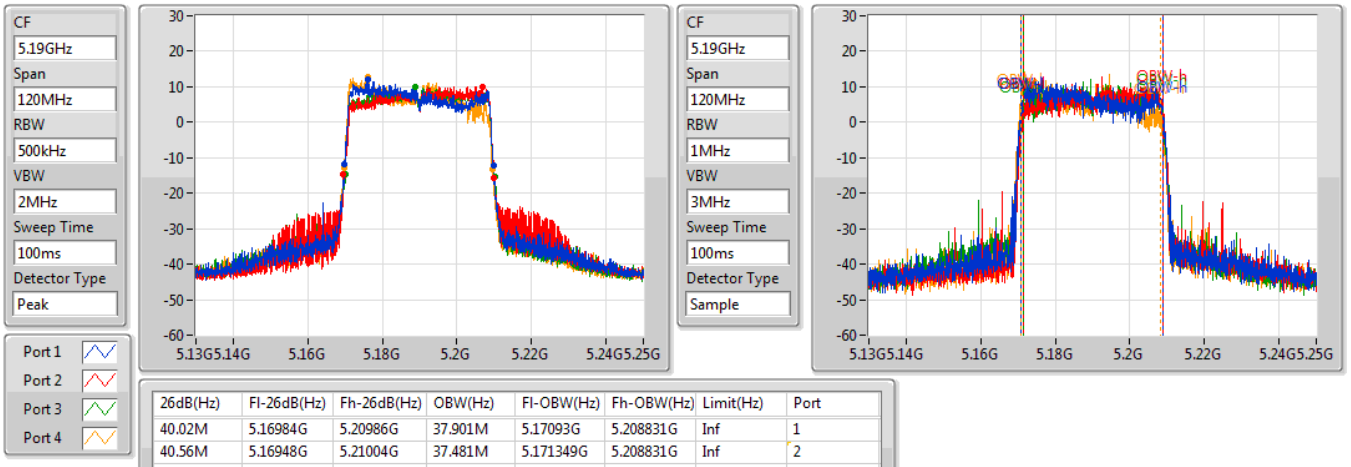


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81567G	5.83454G	18.981M	5.815555G	5.834535G	500k	1
17.67M	5.8154G	5.83307G	18.861M	5.815435G	5.834295G	500k	2
18.93M	5.81543G	5.83436G	19.01M	5.815405G	5.834415G	500k	3
18.81M	5.81567G	5.83448G	18.951M	5.815525G	5.834475G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

26/11/2020

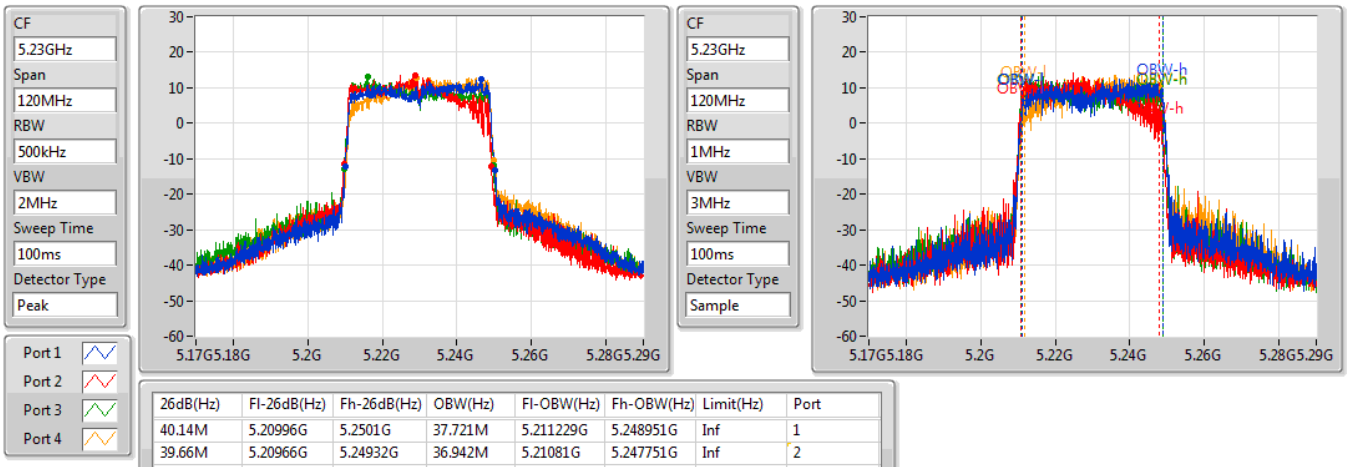


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.16984G	5.20986G	37.901M	5.17093G	5.208831G	Inf	1
40.56M	5.16948G	5.21004G	37.481M	5.171349G	5.208831G	Inf	2
40.14M	5.16996G	5.2101G	37.481M	5.171289G	5.208771G	Inf	3
39.84M	5.16966G	5.2095G	37.481M	5.17069G	5.208171G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

26/11/2020

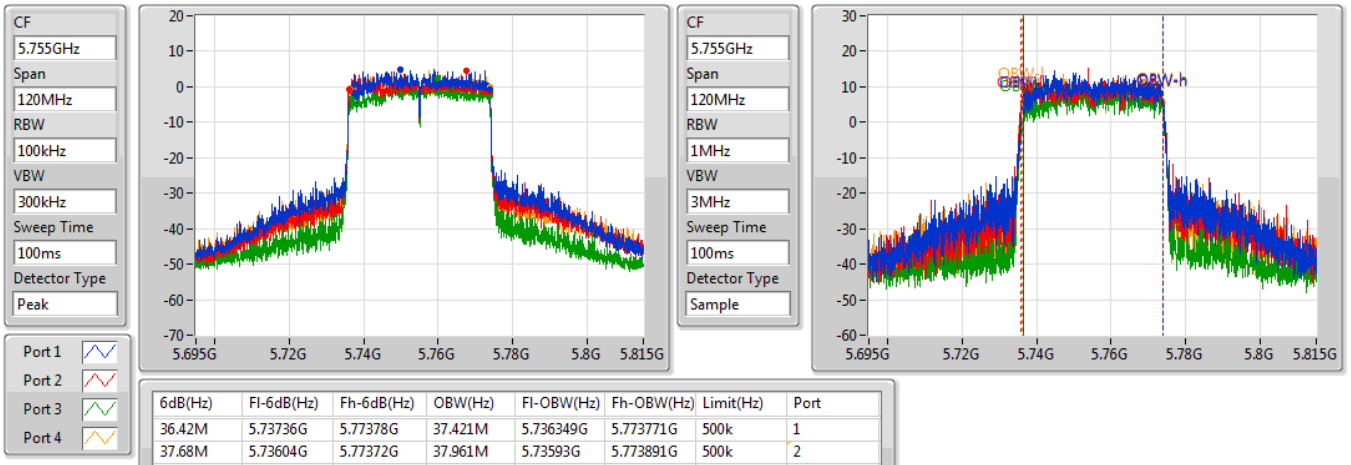


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.20996G	5.2501G	37.721M	5.211229G	5.248951G	Inf	1
39.66M	5.20966G	5.24932G	36.942M	5.21081G	5.247751G	Inf	2
40.14M	5.20966G	5.2498G	37.961M	5.21087G	5.248831G	Inf	3
39.84M	5.2102G	5.25004G	37.001M	5.211889G	5.248891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

26/11/2020

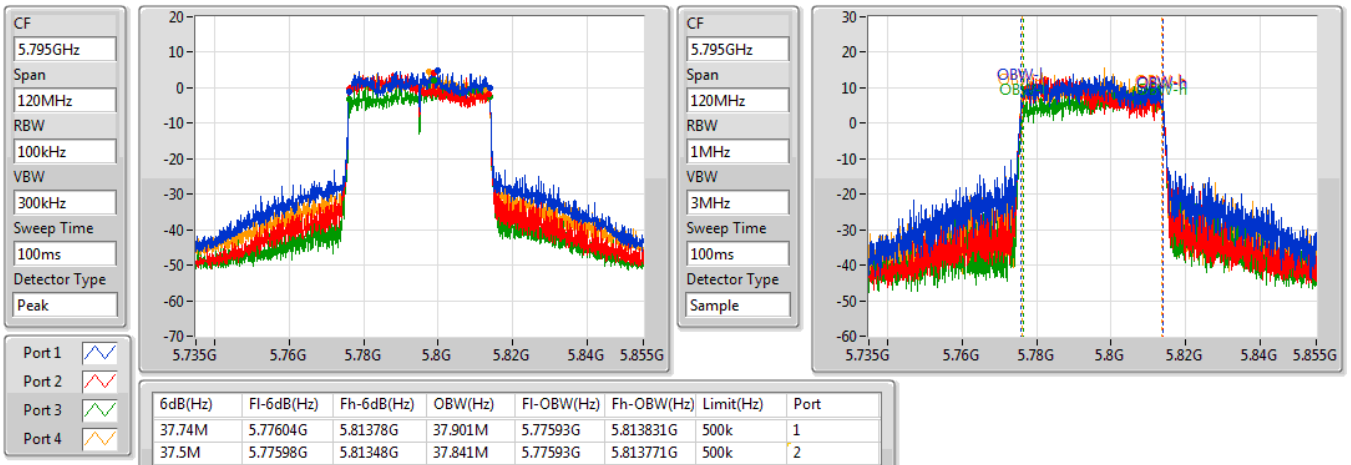


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.42M	5.73736G	5.77378G	37.421M	5.736349G	5.773771G	500k	1
37.68M	5.73604G	5.77372G	37.961M	5.73593G	5.773891G	500k	2
37.02M	5.73676G	5.77378G	37.481M	5.736409G	5.773891G	500k	3
37.38M	5.7364G	5.77378G	37.781M	5.736109G	5.773891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

26/11/2020

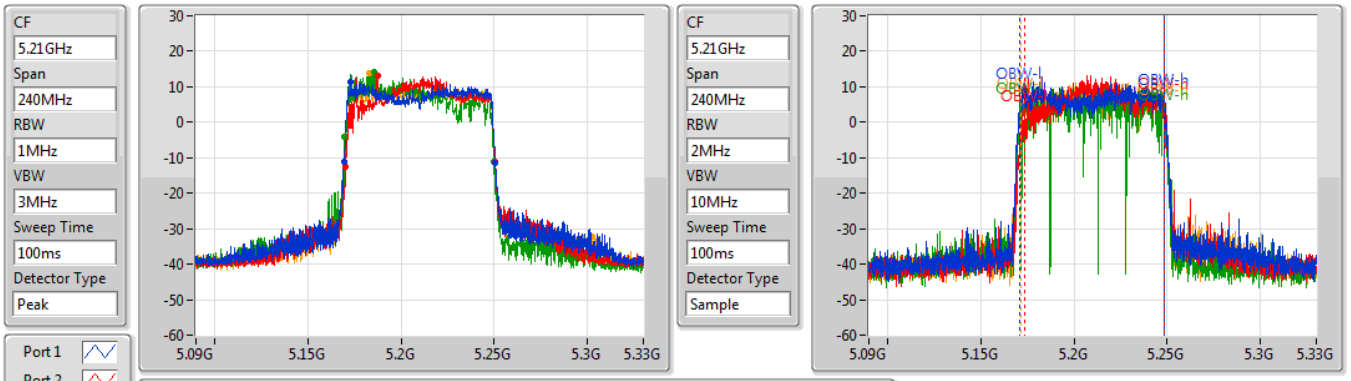


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.77604G	5.81378G	37.901M	5.77593G	5.813831G	500k	1
37.5M	5.77598G	5.81348G	37.841M	5.77593G	5.813771G	500k	2
37.68M	5.77616G	5.81384G	37.601M	5.776349G	5.813951G	500k	3
36.78M	5.77604G	5.81282G	37.541M	5.77599G	5.813531G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

26/11/2020

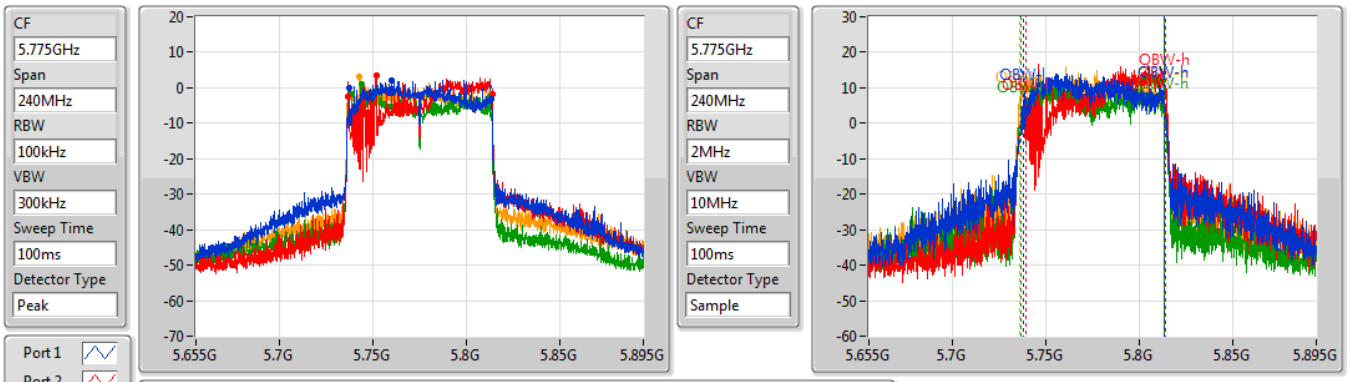


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.36M	5.16932G	5.25068G	77.721M	5.171019G	5.248741G	Inf	1
80.4M	5.17028G	5.25068G	75.202M	5.173298G	5.248501G	Inf	2
80.04M	5.1698G	5.24984G	77.361M	5.171139G	5.248501G	Inf	3
81M	5.16956G	5.25056G	77.241M	5.171259G	5.248501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

26/11/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.84M	5.73744G	5.81328G	75.442M	5.738058G	5.813501G	500k	1
77.28M	5.73672G	5.814G	74.963M	5.739378G	5.81434G	500k	2
73.92M	5.73864G	5.81256G	76.402M	5.736859G	5.813261G	500k	3
75.12M	5.73732G	5.81244G	77.481M	5.7359G	5.813381G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	23.93	0.24717	29.47	0.88512
802.11ax HEW20_Nss1,(MCS0)_4TX	24.32	0.27040	29.86	0.96828
802.11ax HEW40_Nss1,(MCS0)_4TX	26.36	0.43251	31.90	1.54882
802.11ax HEW80_Nss1,(MCS0)_4TX	20.56	0.11376	26.10	0.40738
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.92	0.39084	31.46	1.39959
802.11ax HEW20_Nss1,(MCS0)_4TX	26.40	0.43652	31.94	1.56315
802.11ax HEW40_Nss1,(MCS0)_4TX	27.12	0.51523	32.66	1.84502
802.11ax HEW80_Nss1,(MCS0)_4TX	25.49	0.35400	31.03	1.26765

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.541	18.00	18.10	17.83	17.69	23.93	30.00	29.47	36.00
5200MHz	Pass	5.541	17.74	17.97	17.72	17.49	23.75	30.00	29.29	36.00
5240MHz	Pass	5.541	17.90	18.03	17.66	17.53	23.81	30.00	29.35	36.00
5745MHz	Pass	5.537	20.22	19.97	18.68	20.12	25.81	30.00	31.35	36.00
5785MHz	Pass	5.537	20.45	19.68	19.04	20.27	25.92	30.00	31.46	36.00
5825MHz	Pass	5.537	19.87	19.23	18.71	19.59	25.39	30.00	30.93	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.541	16.21	16.35	16.09	15.95	22.17	30.00	27.71	36.00
5200MHz	Pass	5.541	18.45	18.35	18.12	18.29	24.32	30.00	29.86	36.00
5240MHz	Pass	5.541	17.74	17.94	17.68	17.67	23.78	30.00	29.32	36.00
5745MHz	Pass	5.537	20.39	20.01	18.89	20.25	25.94	30.00	31.48	36.00
5785MHz	Pass	5.537	19.31	18.55	18.13	19.36	24.89	30.00	30.43	36.00
5825MHz	Pass	5.537	20.79	20.31	19.87	20.49	26.40	30.00	31.94	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.541	14.42	14.41	14.71	14.59	20.55	30.00	26.09	36.00
5230MHz	Pass	5.541	20.35	20.17	20.65	20.18	26.36	30.00	31.90	36.00
5755MHz	Pass	5.537	21.83	20.78	20.19	21.42	27.12	30.00	32.66	36.00
5795MHz	Pass	5.537	21.14	20.02	19.80	20.70	26.47	30.00	32.01	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.541	14.81	14.46	14.38	14.50	20.56	30.00	26.10	36.00
5775MHz	Pass	5.537	20.36	19.20	18.52	19.59	25.49	30.00	31.03	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.48	0.22284	35.04	3.19154
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.93	0.24717	35.49	3.53997
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.72	0.18707	34.28	2.67917
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.85	0.24266	35.41	3.47536
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.90	0.24547	35.46	3.51560
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.86	0.24322	35.42	3.48337

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.562	16.51	16.03	15.38	16.00	22.02	24.44	33.58	36.00
5200MHz	Pass	11.562	17.50	17.64	16.93	17.73	23.48	24.44	35.04	36.00
5240MHz	Pass	11.562	17.29	17.20	16.72	17.40	23.18	24.44	34.74	36.00
5745MHz	Pass	11.558	18.03	18.13	16.11	18.66	23.85	24.44	35.41	36.00
5785MHz	Pass	11.558	17.88	18.58	15.74	18.52	23.84	24.44	35.40	36.00
5825MHz	Pass	11.558	17.98	18.02	16.44	18.57	23.84	24.44	35.40	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.562	16.64	15.94	16.01	16.63	22.34	24.44	33.90	36.00
5230MHz	Pass	11.562	17.86	17.97	17.80	18.00	23.93	24.44	35.49	36.00
5755MHz	Pass	11.558	18.47	17.97	15.66	18.80	23.90	24.44	35.46	36.00
5795MHz	Pass	11.558	18.75	17.79	15.88	18.16	23.79	24.44	35.35	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.562	16.83	16.26	16.32	17.30	22.72	24.44	34.28	36.00
5775MHz	Pass	11.558	18.54	18.48	15.56	18.15	23.86	24.44	35.42	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.24	22.80
802.11ax HEW20_Nss1,(MCS0)_4TX	11.18	22.74
802.11ax HEW40_Nss1,(MCS0)_4TX	10.82	22.38
802.11ax HEW80_Nss1,(MCS0)_4TX	1.86	13.42
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.60	24.16
802.11ax HEW20_Nss1,(MCS0)_4TX	11.99	23.55
802.11ax HEW40_Nss1,(MCS0)_4TX	10.00	21.56
802.11ax HEW80_Nss1,(MCS0)_4TX	5.38	16.94

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

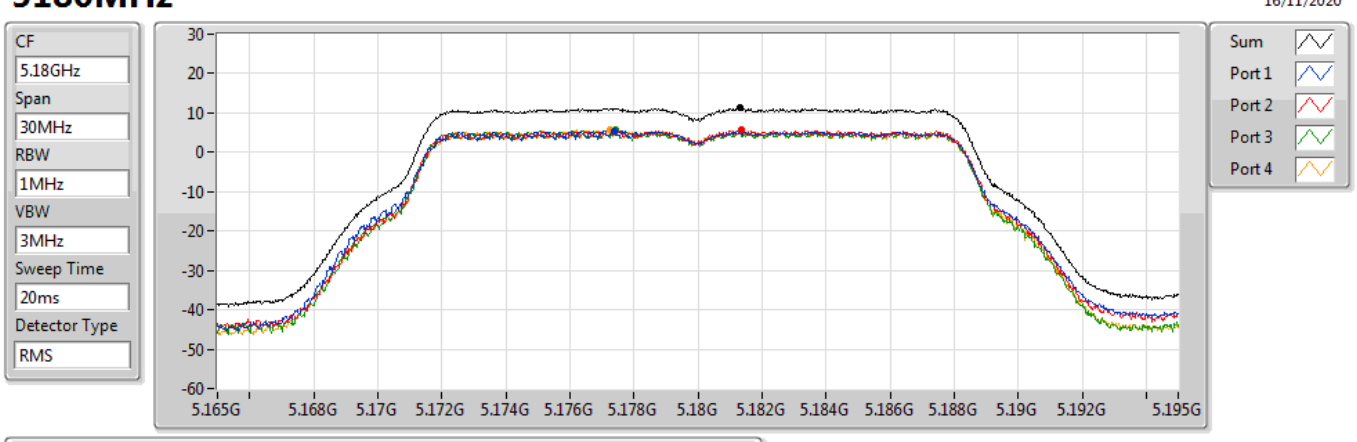
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.562	5.55	5.73	5.58	5.74	11.24	11.44	22.80	23.00
5200MHz	Pass	11.562	5.95	5.94	5.52	5.47	11.23	11.44	22.79	23.00
5240MHz	Pass	11.562	5.21	5.66	5.75	5.37	10.96	11.44	22.52	23.00
5745MHz	Pass	11.558	7.54	7.40	5.73	6.68	12.60	24.44	24.16	36.00
5785MHz	Pass	11.558	7.93	7.10	6.37	7.01	12.34	24.44	23.90	36.00
5825MHz	Pass	11.558	6.87	5.80	5.32	6.06	11.61	24.44	23.17	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.562	3.58	3.59	3.28	3.47	9.28	11.44	20.84	23.00
5200MHz	Pass	11.562	5.32	5.43	5.31	5.25	11.18	11.44	22.74	23.00
5240MHz	Pass	11.562	5.07	5.20	5.40	5.17	11.07	11.44	22.63	23.00
5745MHz	Pass	11.558	5.92	5.60	4.52	5.99	11.32	24.44	22.88	36.00
5785MHz	Pass	11.558	5.36	4.58	3.85	5.20	10.58	24.44	22.14	36.00
5825MHz	Pass	11.558	6.77	6.13	5.72	6.25	11.99	24.44	23.55	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.562	-0.73	-0.75	-0.64	-1.10	4.99	11.44	16.55	23.00
5230MHz	Pass	11.562	5.08	4.99	5.19	4.70	10.82	11.44	22.38	23.00
5755MHz	Pass	11.558	4.92	3.79	3.25	4.37	10.00	24.44	21.56	36.00
5795MHz	Pass	11.558	4.06	3.20	2.75	3.69	9.39	24.44	20.95	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.562	-3.79	-4.19	-3.94	-3.80	1.86	11.44	13.42	23.00
5775MHz	Pass	11.558	0.15	-0.85	-1.41	-0.46	5.38	24.44	16.94	36.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

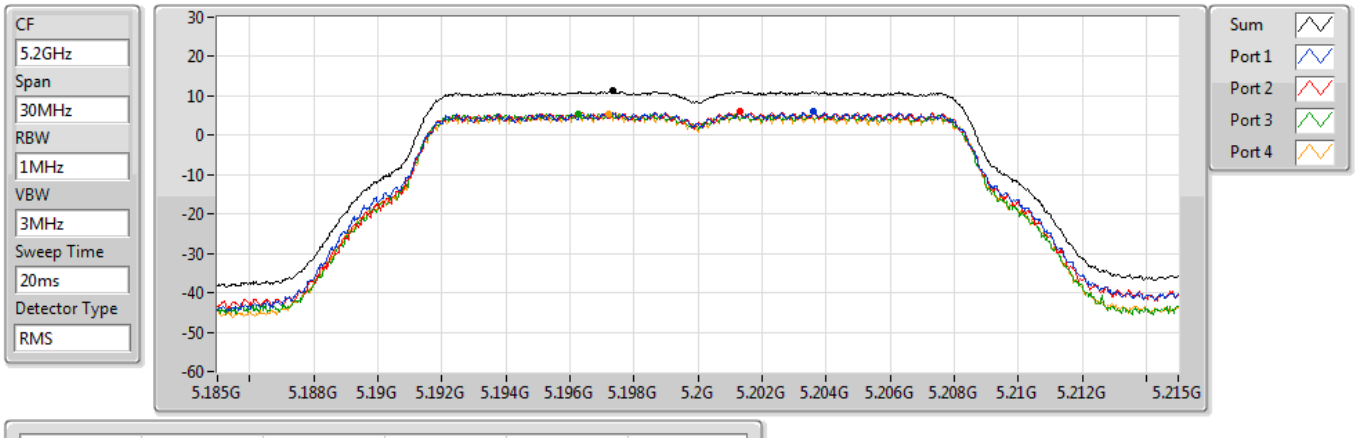
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.24	11.24	5.55	5.73	5.58	5.74

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

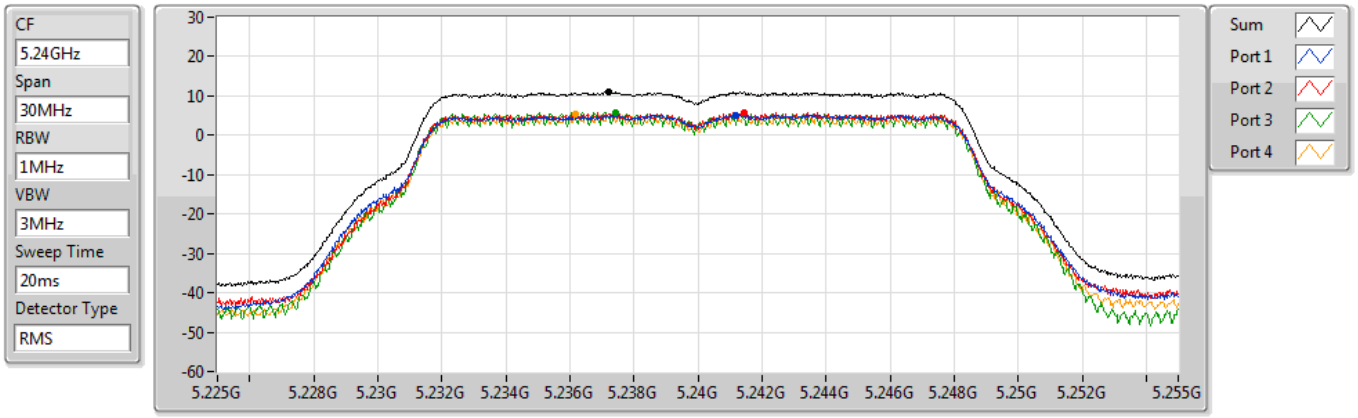


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	5.95	5.94	5.52	5.47

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

16/11/2020

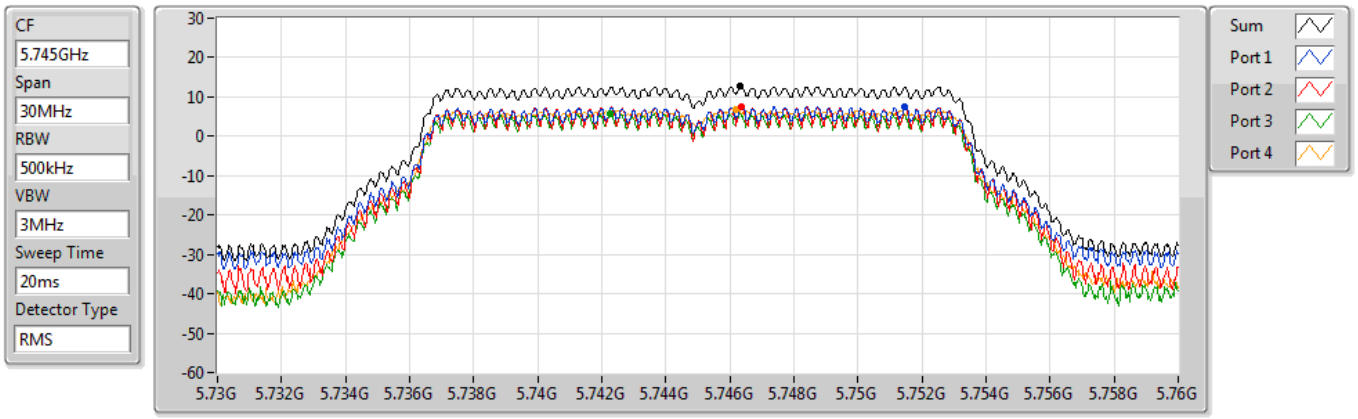


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	5.21	5.66	5.75	5.37

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

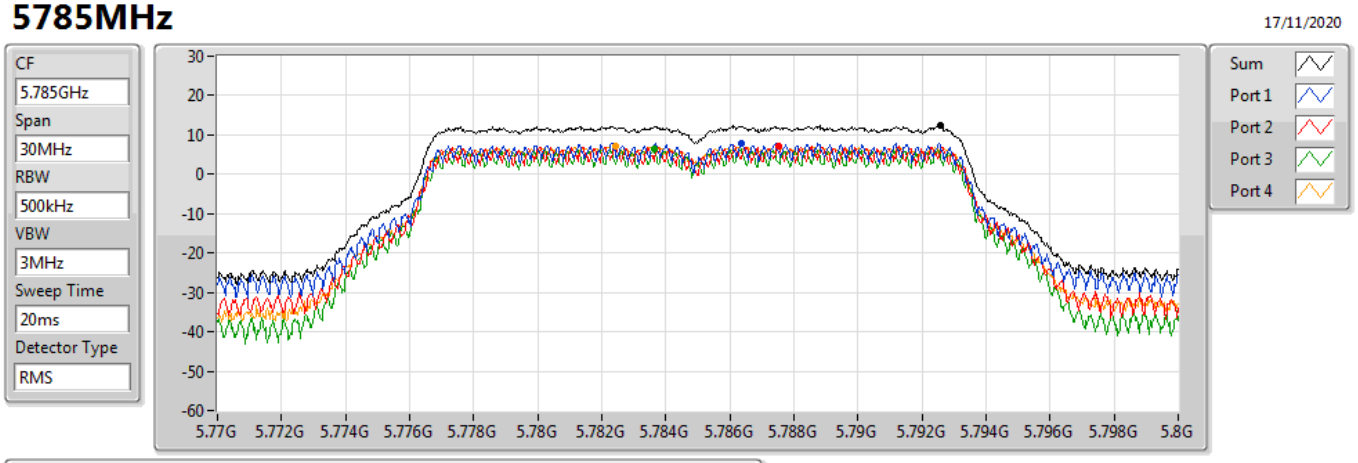
17/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.60	12.60	7.54	7.40	5.73	6.68

802.11a_Nss1,(6Mbps)_4TX PSD

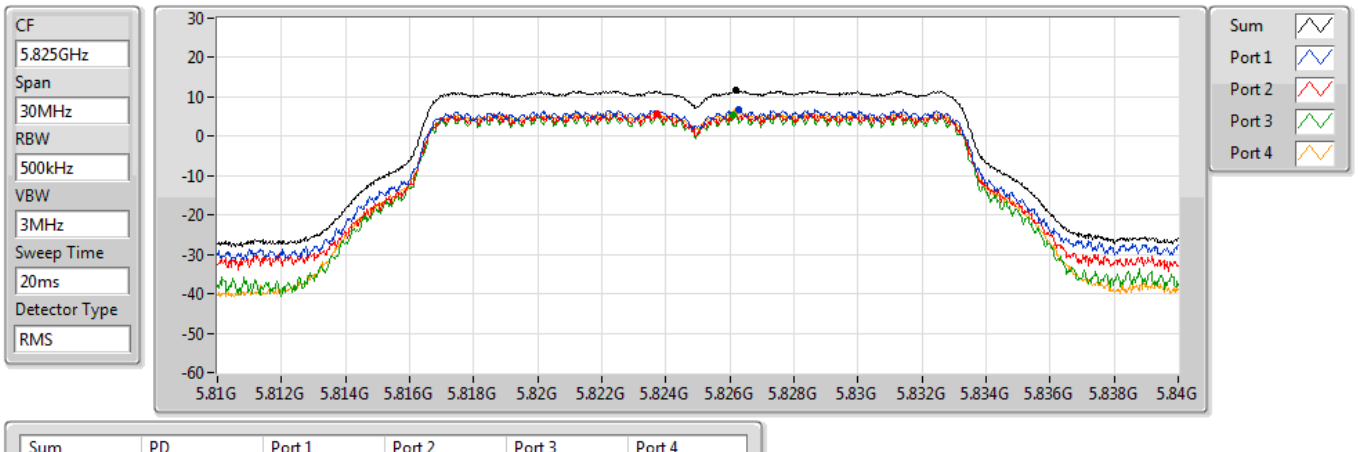
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.34	12.34	7.93	7.10	6.37	7.01

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

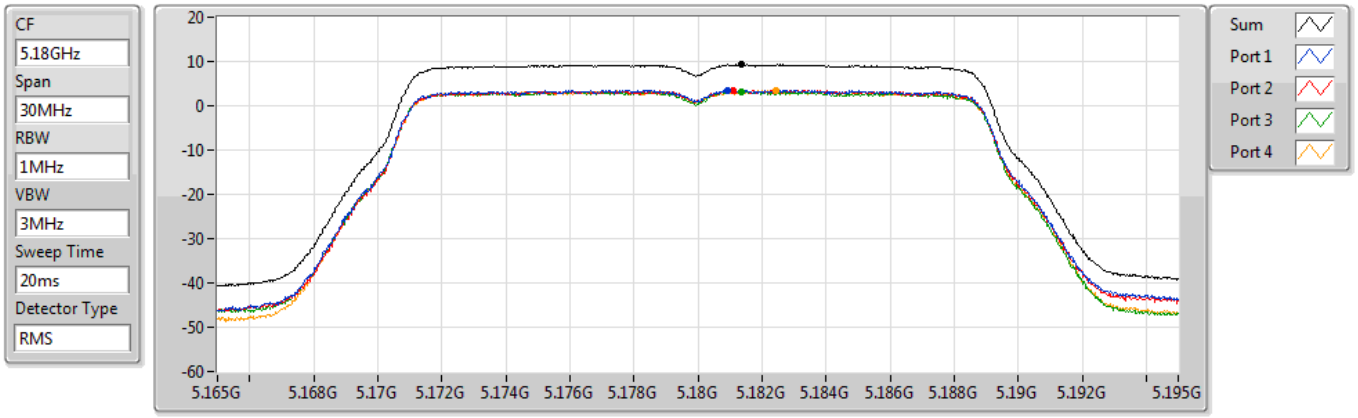


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.61	11.61	6.87	5.80	5.32	6.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

17/11/2020

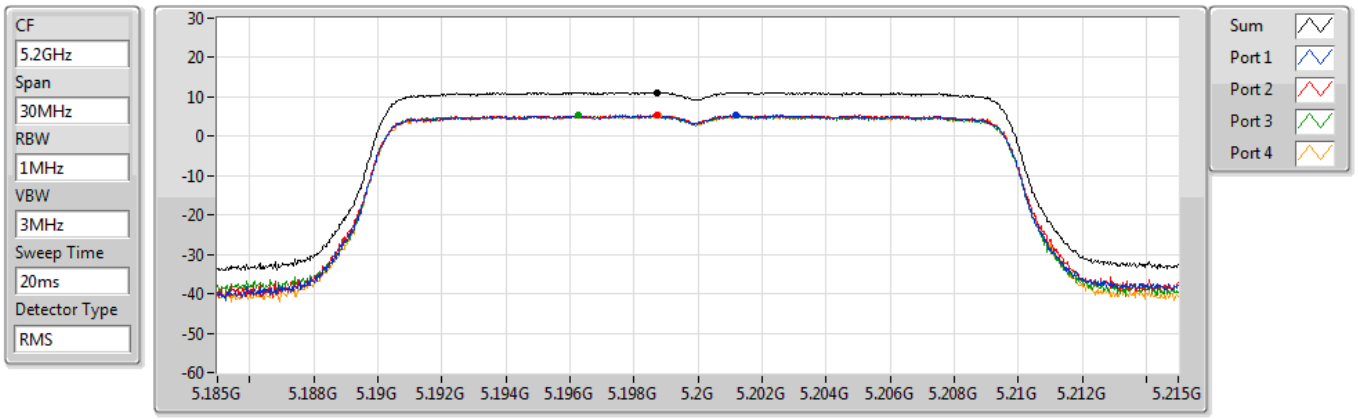


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	3.58	3.59	3.28	3.47

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

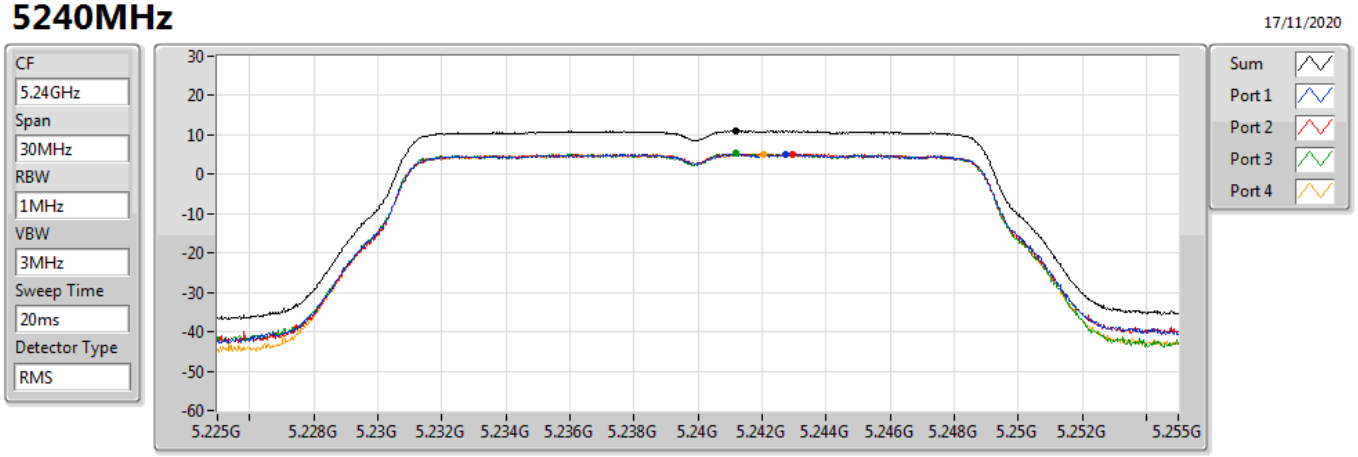
17/11/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.18	11.18	5.32	5.43	5.31	5.25

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

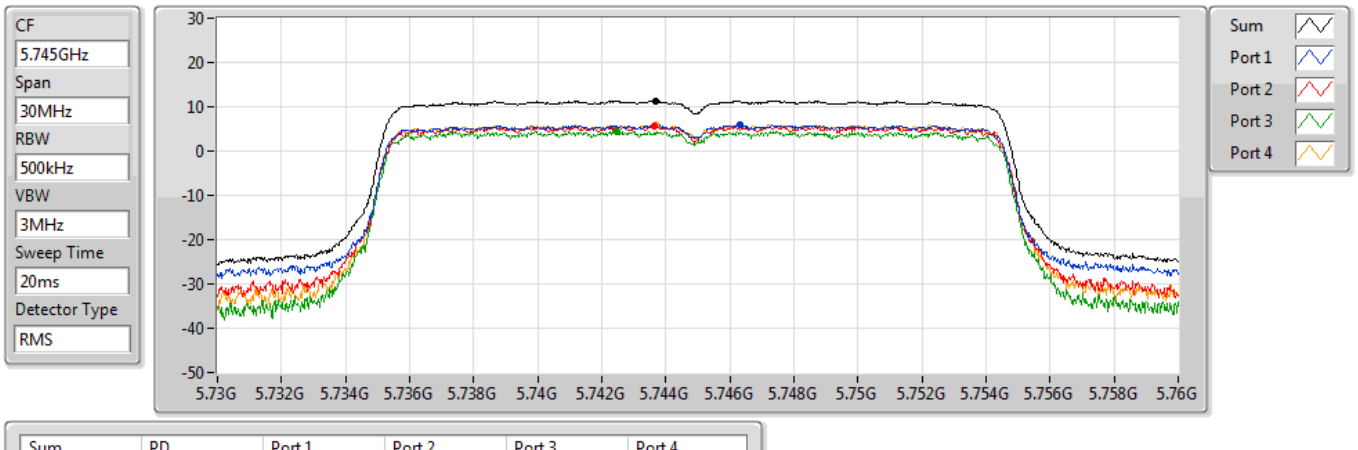
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	5.07	5.20	5.40	5.17

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

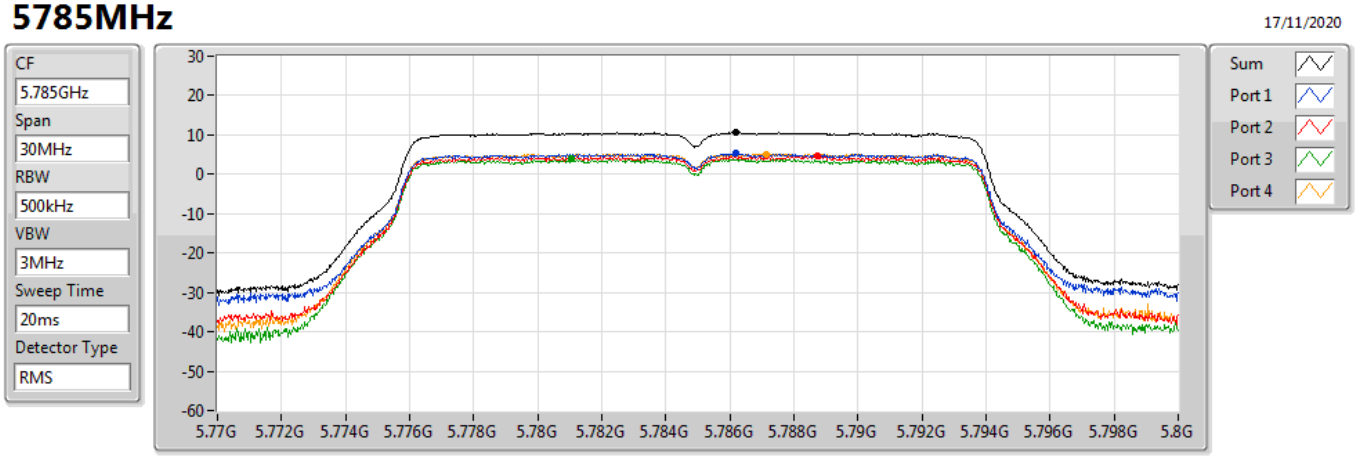
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	5.92	5.60	4.52	5.99

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

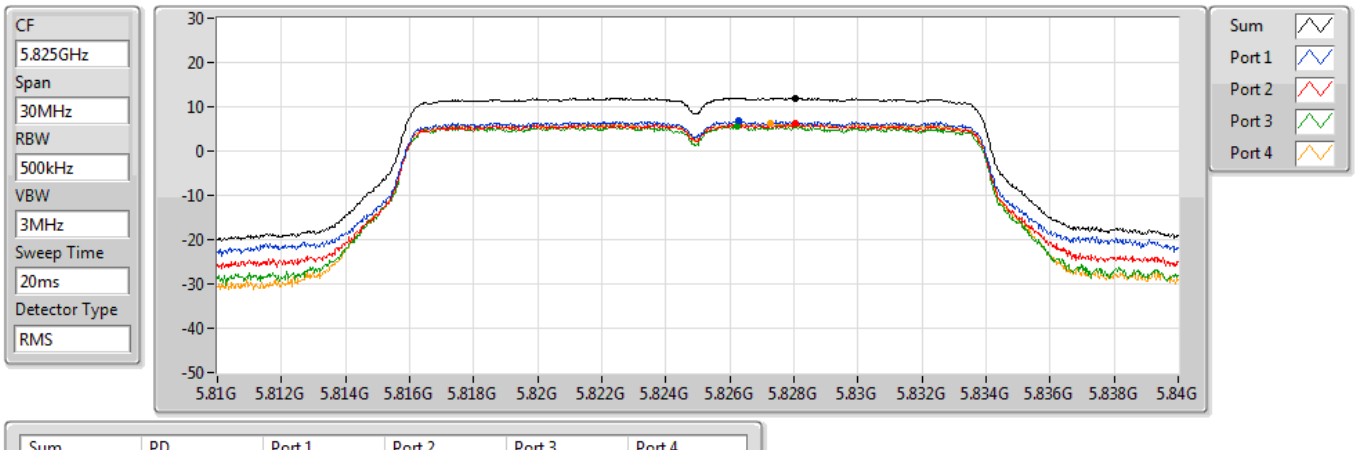
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	5.36	4.58	3.85	5.20

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

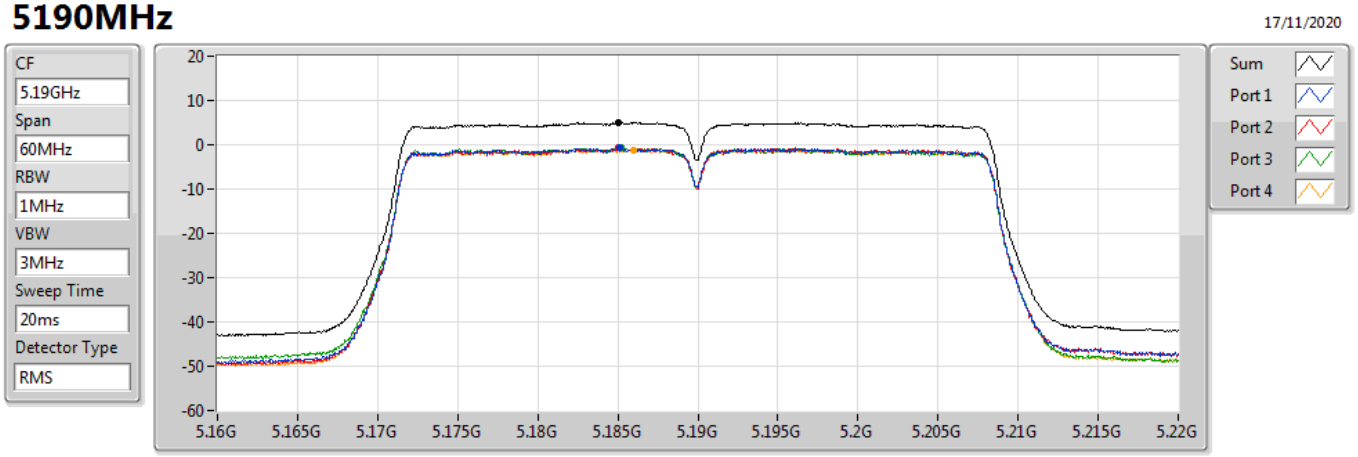
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.99	11.99	6.77	6.13	5.72	6.25

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

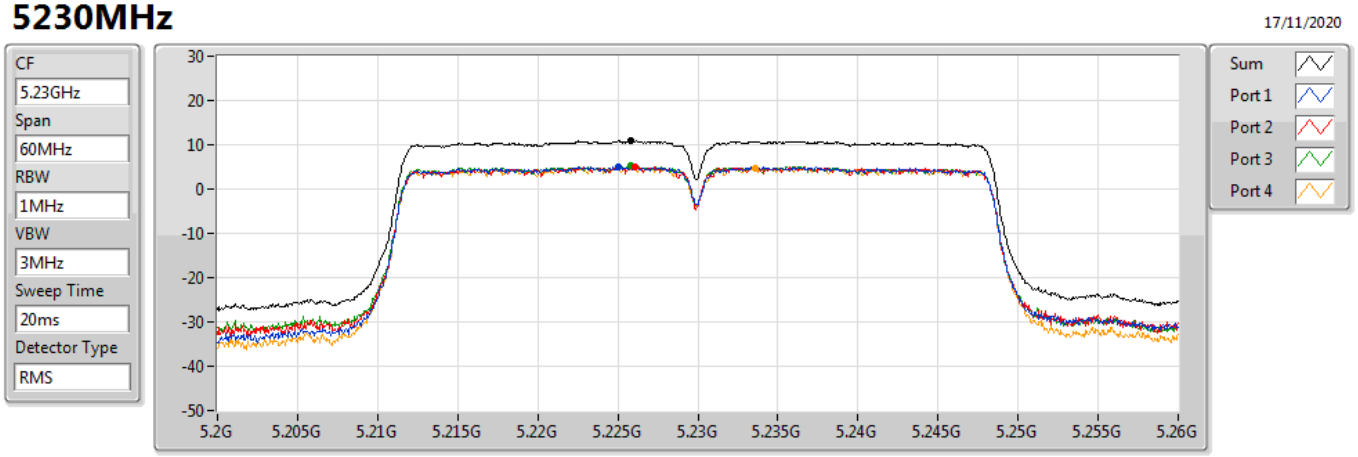
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.99	4.99	-0.73	-0.75	-0.64	-1.10

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	5.08	4.99	5.19	4.70

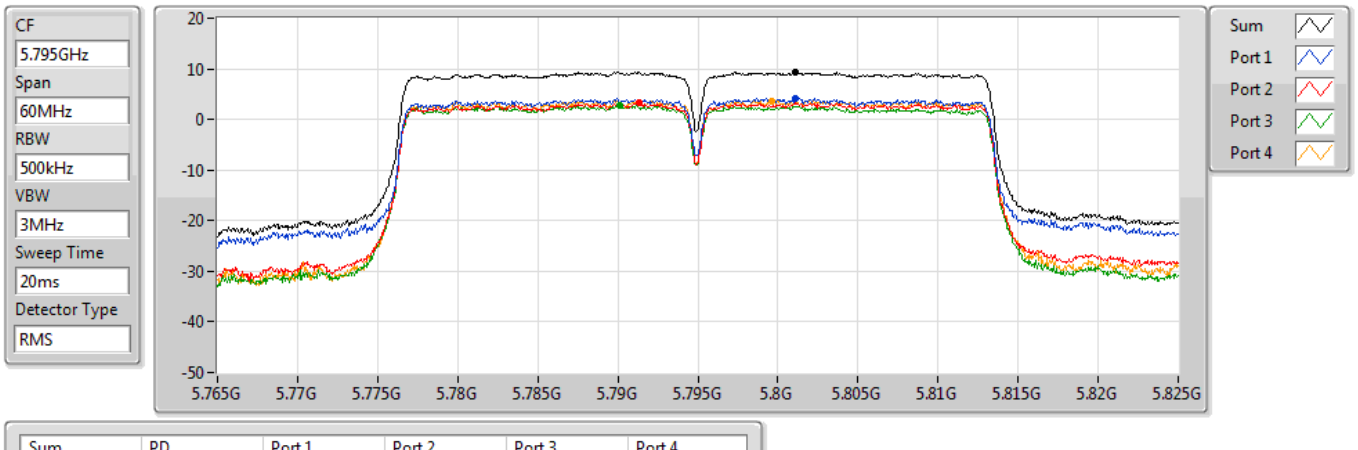
802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	4.92	3.79	3.25	4.37

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

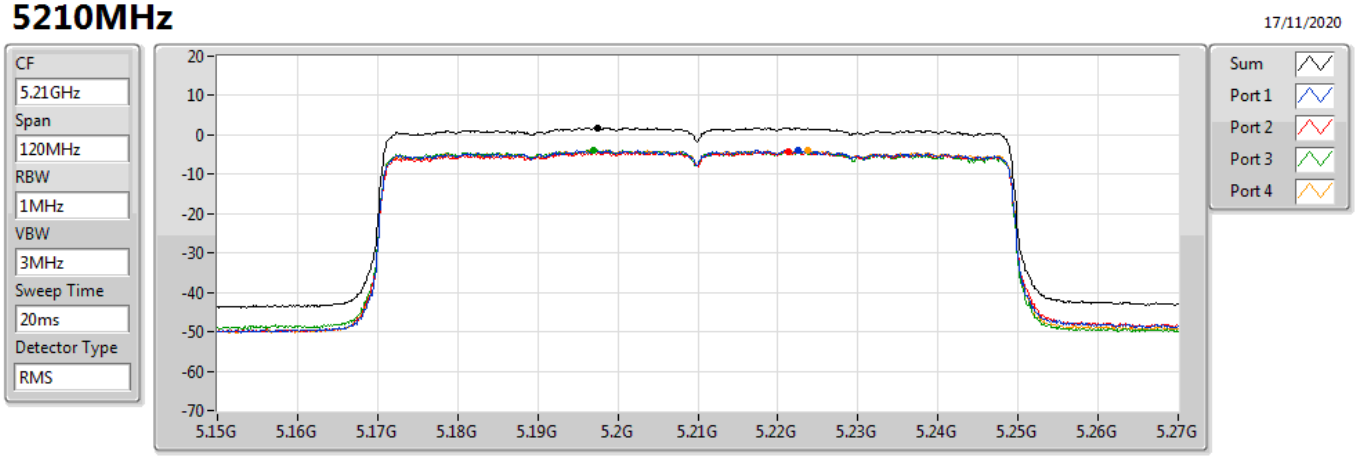
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.39	9.39	4.06	3.20	2.75	3.69

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

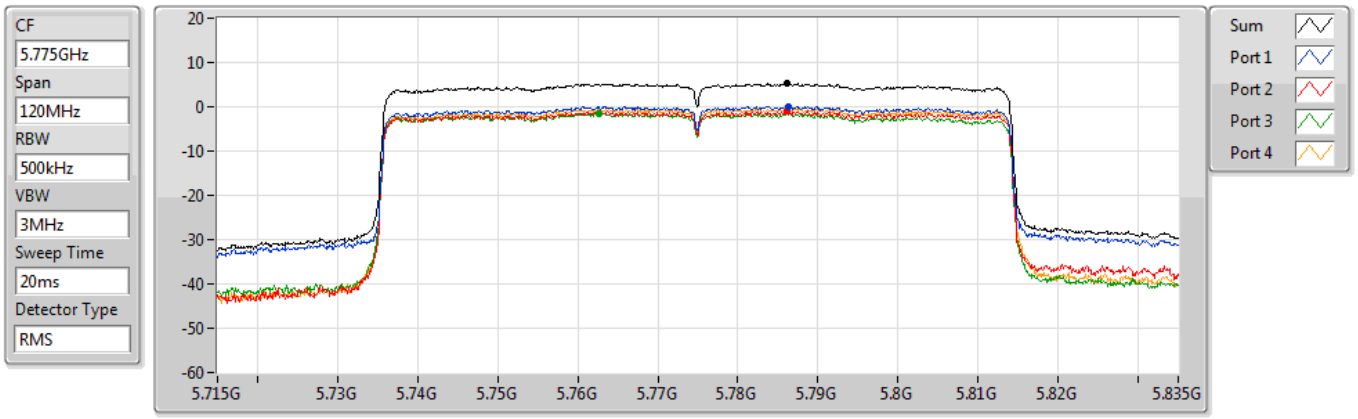
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-3.79	-4.19	-3.94	-3.80

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.38	5.38	0.15	-0.85	-1.41	-0.46

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.43	22.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.83	20.39
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.33	15.89
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.24	21.80
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.11	18.67
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.94	16.50

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

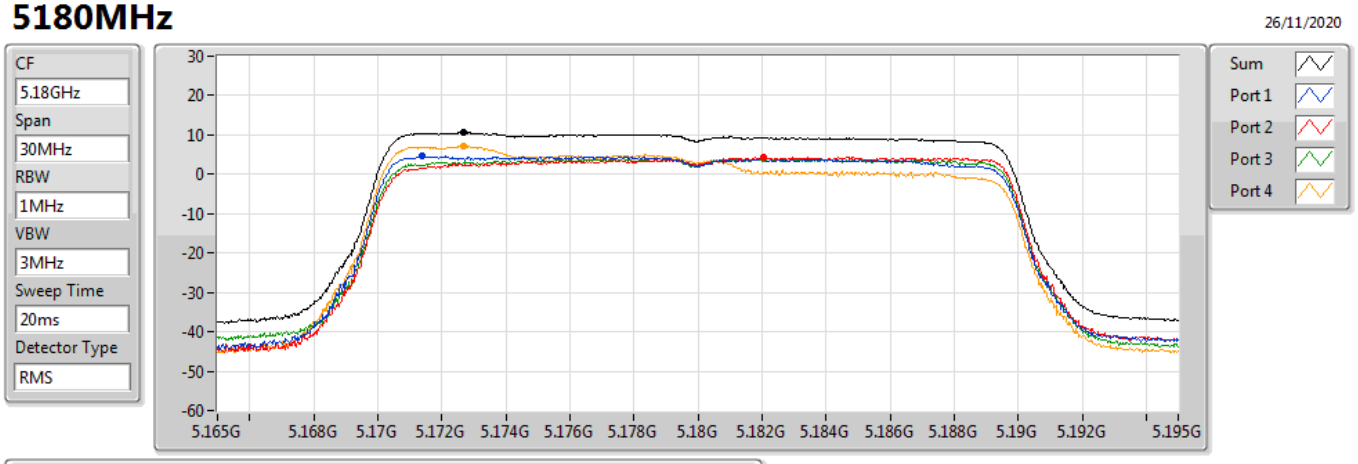
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	11.562	4.54	4.29	4.05	7.23	10.56	11.44	22.12	23.00
5200MHz	Pass	11.562	5.69	5.66	5.15	5.66	11.20	11.44	22.76	23.00
5240MHz	Pass	11.562	5.94	6.53	5.85	6.33	11.43	11.44	22.99	23.00
5745MHz	Pass	11.558	5.29	4.44	2.90	5.27	9.95	24.44	21.51	36.00
5785MHz	Pass	11.558	5.51	5.07	2.28	4.74	9.63	24.44	21.19	36.00
5825MHz	Pass	11.558	7.14	5.59	3.09	5.11	10.24	24.44	21.80	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	11.562	2.81	1.87	0.98	3.17	7.30	11.44	18.86	23.00
5230MHz	Pass	11.562	3.39	4.64	3.62	4.64	8.83	11.44	20.39	23.00
5755MHz	Pass	11.558	2.77	1.25	-0.35	1.91	7.09	24.44	18.65	36.00
5795MHz	Pass	11.558	2.58	2.39	0.26	1.75	7.11	24.44	18.67	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	11.562	-0.68	-1.09	-1.91	-1.39	4.33	11.44	15.89	23.00
5775MHz	Pass	11.558	1.10	2.06	-2.24	-0.71	4.94	24.44	16.50	36.00

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

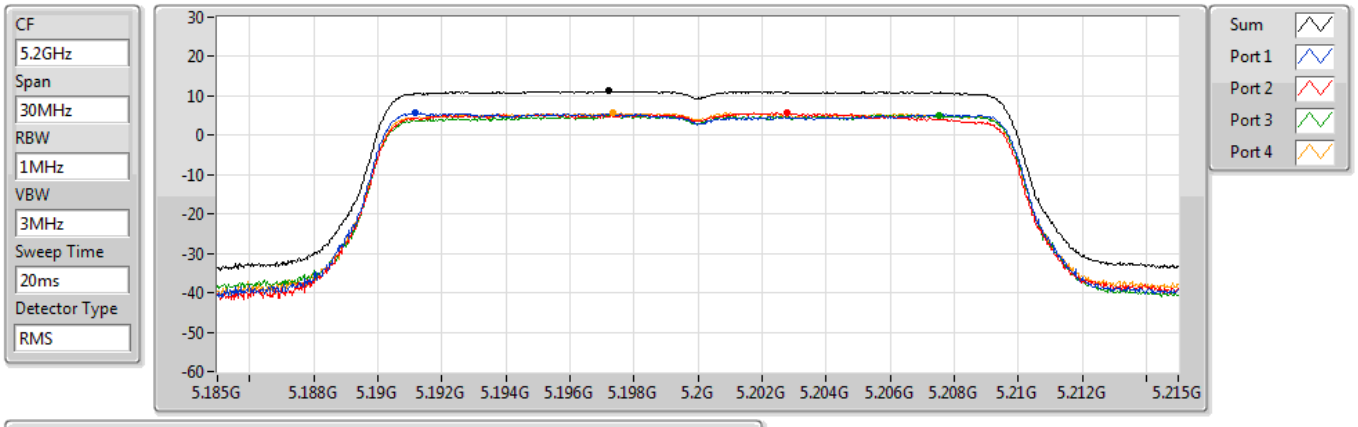
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.54	4.29	4.05	7.23

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

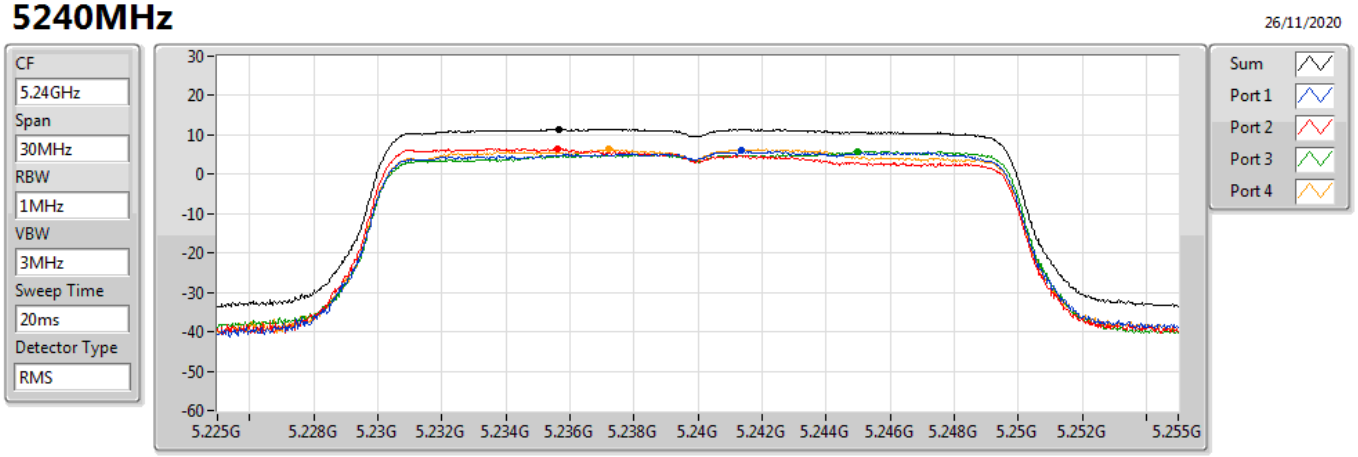
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	5.69	5.66	5.15	5.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

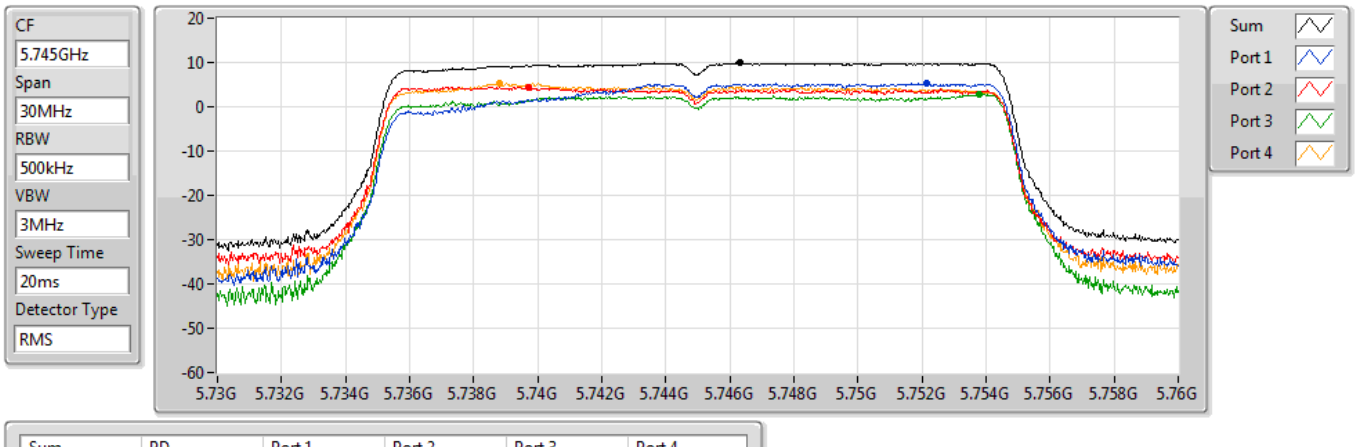
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.43	11.43	5.94	6.53	5.85	6.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

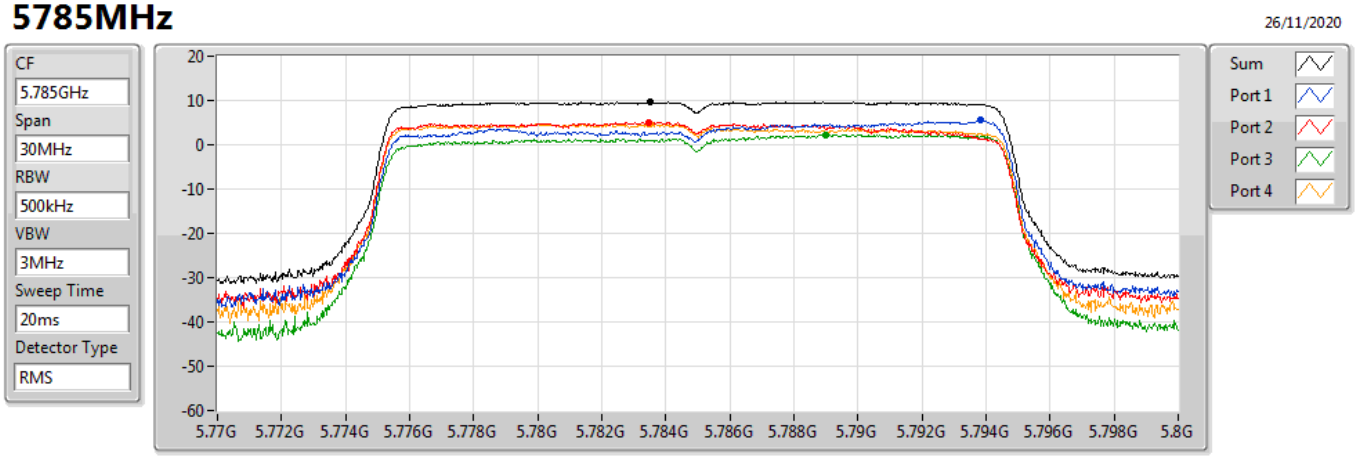
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	5.29	4.44	2.90	5.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

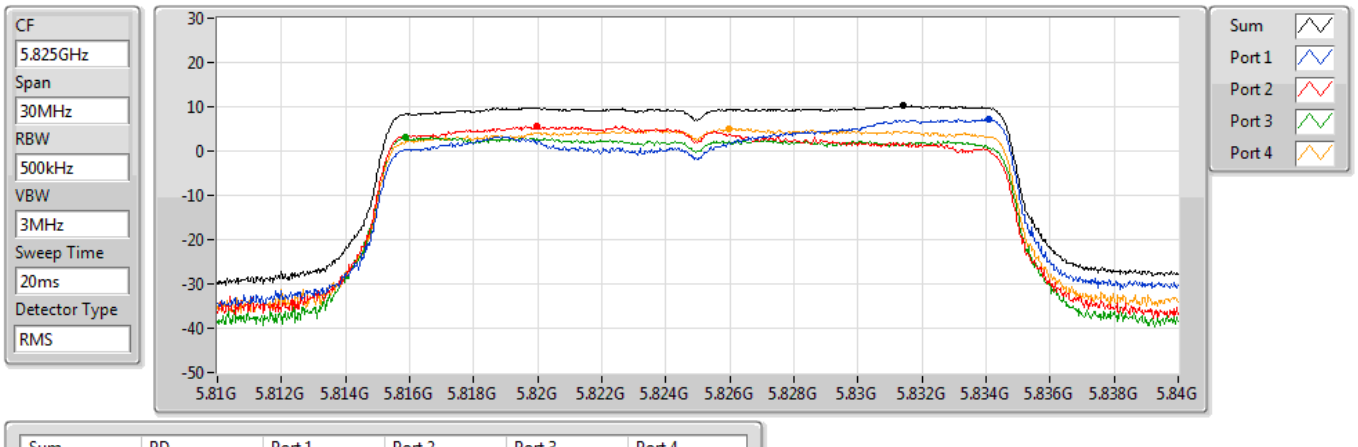
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	5.51	5.07	2.28	4.74

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

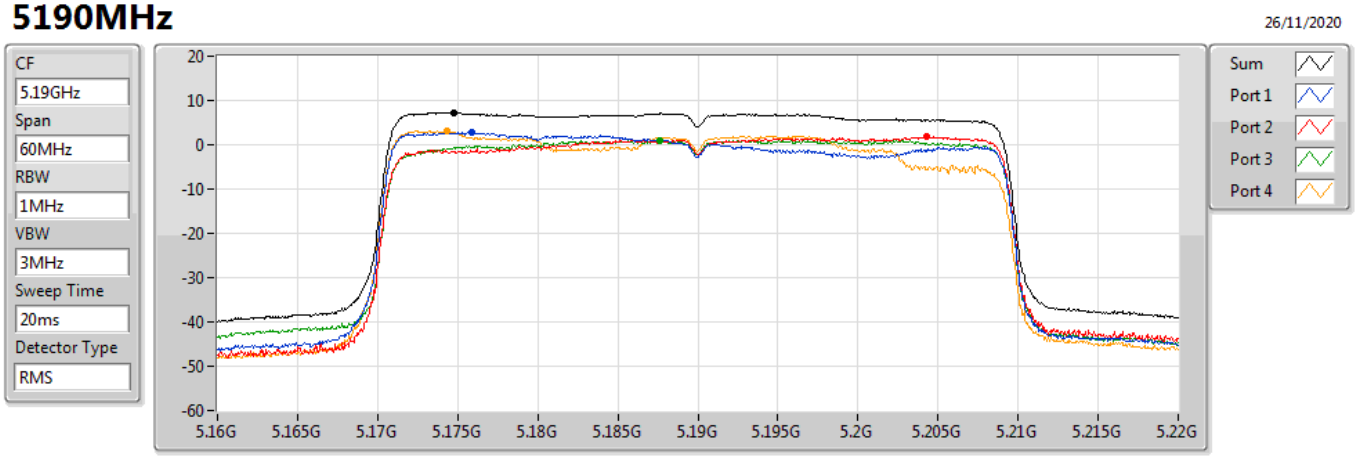
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	7.14	5.59	3.09	5.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

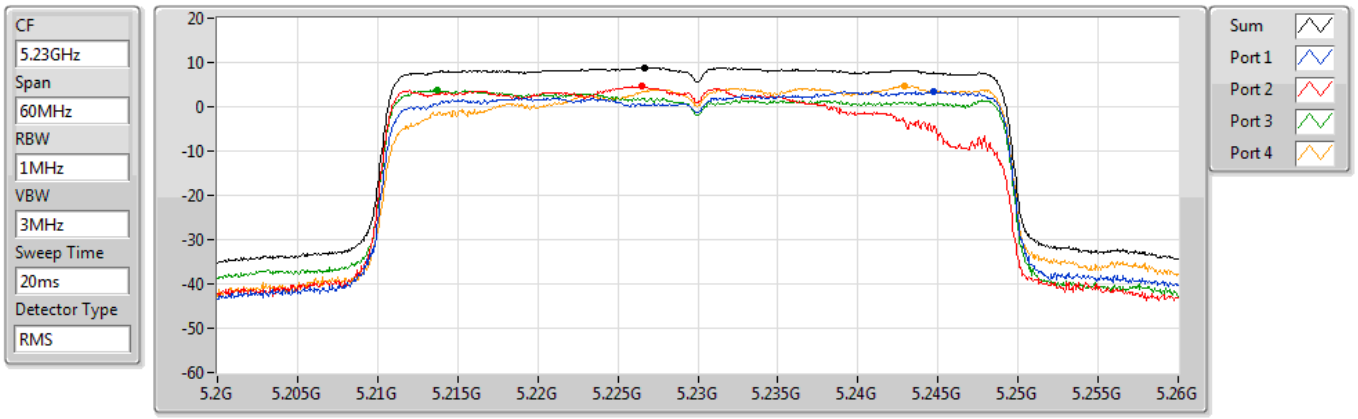
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.30	7.30	2.81	1.87	0.98	3.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

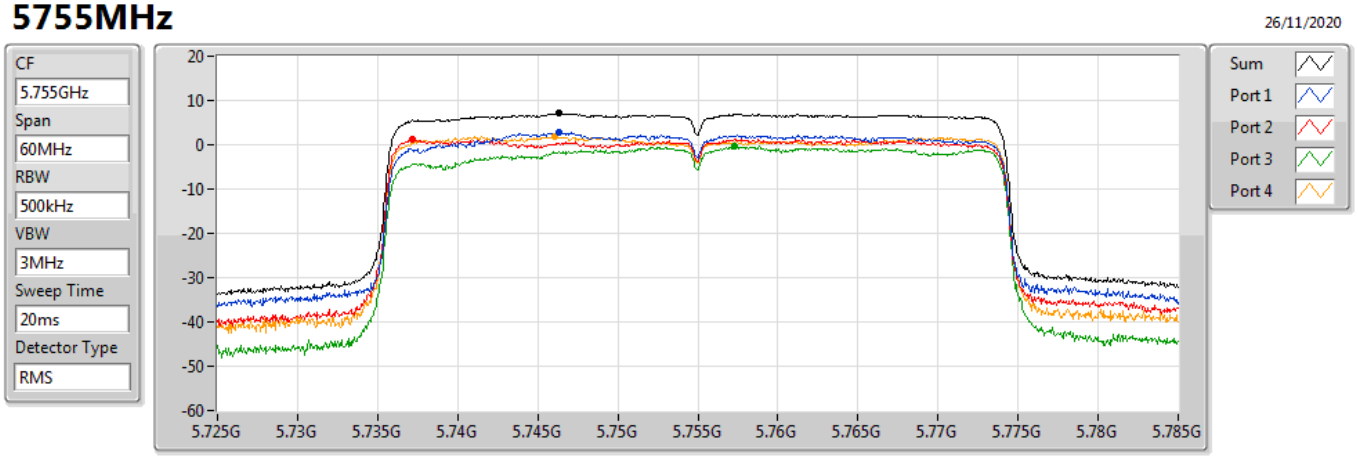
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	3.39	4.64	3.62	4.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

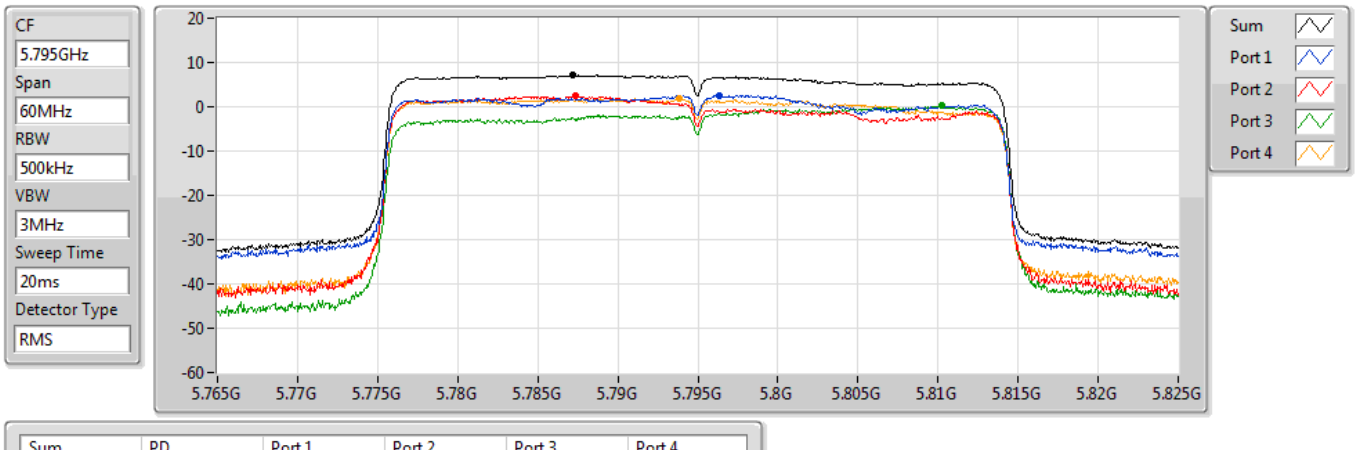
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	2.77	1.25	-0.35	1.91

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

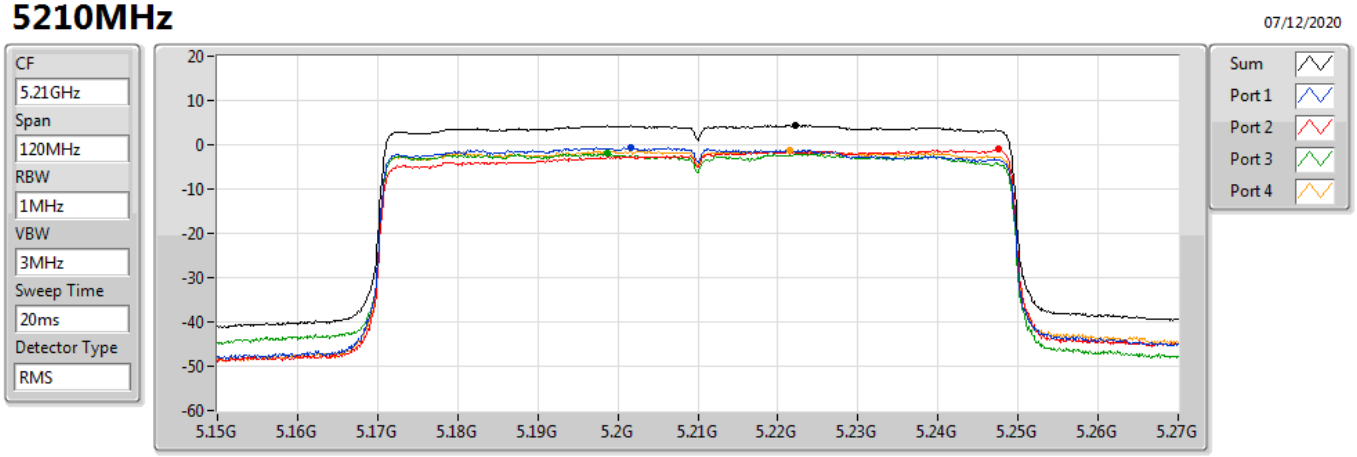
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	2.58	2.39	0.26	1.75

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

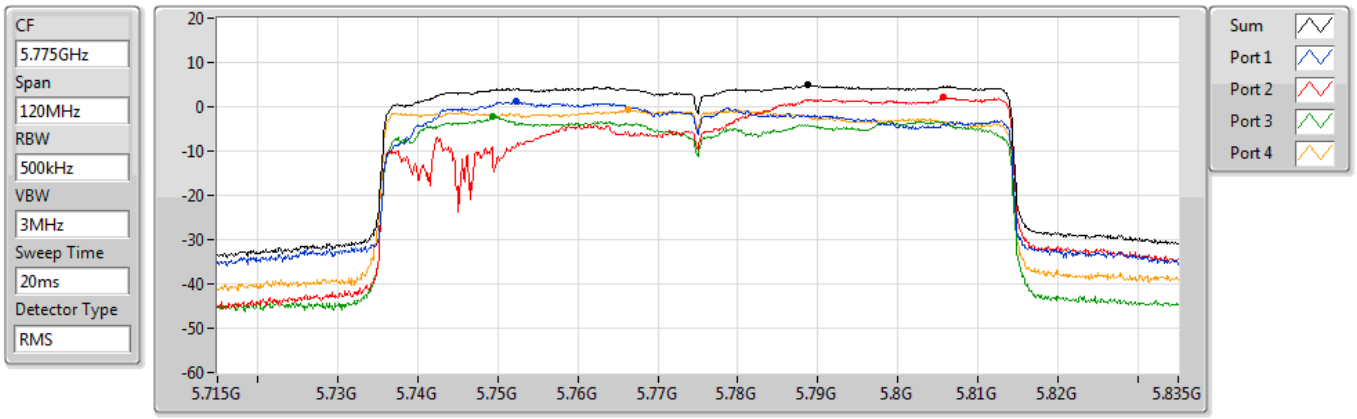
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	-0.68	-1.09	-1.91	-1.39

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	1.10	2.06	-2.24	-0.71

Summary

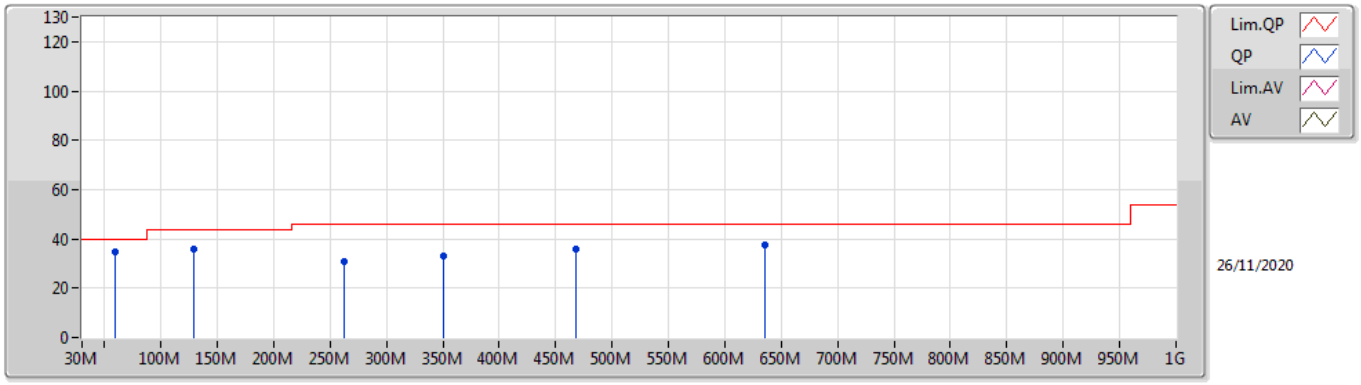
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	59.1M	34.79	40.00	-5.21	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	59.1M	34.79	40.00	-5.21	3	Vertical	0	1.00	-
5775MHz	Pass	PK	128.94M	35.70	43.50	-7.80	3	Vertical	0	1.00	-
5775MHz	Pass	PK	262.8M	31.00	46.00	-15.00	3	Vertical	0	1.00	-
5775MHz	Pass	PK	350.1M	33.06	46.00	-12.94	3	Vertical	0	1.00	-
5775MHz	Pass	PK	468.44M	36.01	46.00	-9.99	3	Vertical	0	1.00	-
5775MHz	Pass	PK	635.28M	37.59	46.00	-8.41	3	Vertical	0	1.00	-
5775MHz	Pass	PK	55.22M	32.23	40.00	-7.77	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	99.84M	32.31	43.50	-11.19	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	240.49M	33.42	46.00	-12.58	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	319.06M	34.19	46.00	-11.81	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	491.72M	37.41	46.00	-8.59	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	788.54M	39.76	46.00	-6.24	3	Horizontal	360	1.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

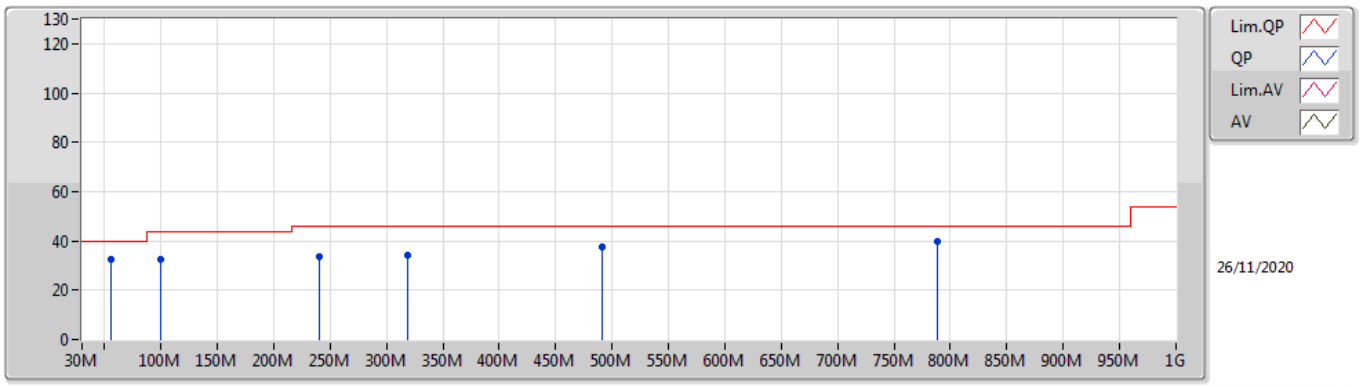
5775MHz_Fixture



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	59.1M	34.79	40.00	-5.21	-14.67	3	Vertical	0	1.00	-	49.46	11.63	1.20	27.50
PK	128.94M	35.70	43.50	-7.80	-8.11	3	Vertical	0	1.00	-	43.81	17.31	1.84	27.26
PK	262.8M	31.00	46.00	-15.00	-5.28	3	Vertical	0	1.00	-	36.28	18.73	2.68	26.69
PK	350.1M	33.06	46.00	-12.94	-4.24	3	Vertical	0	1.00	-	37.30	19.60	3.10	26.94
PK	468.44M	36.01	46.00	-9.99	-1.59	3	Vertical	0	1.00	-	37.60	22.63	3.51	27.73
PK	635.28M	37.59	46.00	-8.41	0.38	3	Vertical	0	1.00	-	37.21	24.21	4.24	28.07

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_Fixture



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	55.22M	32.23	40.00	-7.77	-14.13	3	Horizontal	360	1.00	-	46.36	12.17	1.20	27.50
PK	99.84M	32.31	43.50	-11.19	-9.59	3	Horizontal	360	1.00	-	41.90	16.20	1.60	27.39
PK	240.49M	33.42	46.00	-12.58	-7.59	3	Horizontal	360	1.00	-	41.01	16.62	2.54	26.75
PK	319.06M	34.19	46.00	-11.81	-5.03	3	Horizontal	360	1.00	-	39.22	18.75	2.98	26.76
PK	491.72M	37.41	46.00	-8.59	-1.45	3	Horizontal	360	1.00	-	38.86	22.67	3.65	27.77
PK	788.54M	39.76	46.00	-6.24	2.54	3	Horizontal	360	1.00	-	37.22	25.63	4.75	27.84

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.15G	52.93	54.00	-1.07	3	Horizontal	67	1.00	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1466G	52.76	54.00	-1.24	3	Horizontal	69	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.15G	52.64	54.00	-1.36	3	Horizontal	80	2.19	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.141G	52.96	54.00	-1.04	3	Horizontal	82	2.26	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.65208G	52.88	54.00	-1.12	3	Vertical	276	1.82	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	11.48488G	52.88	54.00	-1.12	3	Vertical	269	1.00	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	11.4999G	52.70	54.00	-1.30	3	Horizontal	184	2.20	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.9358G	67.17	68.20	-1.03	3	Horizontal	26	2.10	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1456G	48.92	54.00	-5.08	3	Vertical	197	2.92	-
5180MHz	Pass	AV	5.1866G	102.06	Inf	-Inf	3	Vertical	197	2.92	-
5180MHz	Pass	PK	5.1498G	59.27	74.00	-14.73	3	Vertical	197	2.92	-
5180MHz	Pass	PK	5.1792G	109.43	Inf	-Inf	3	Vertical	197	2.92	-
5180MHz	Pass	AV	5.15G	52.87	54.00	-1.13	3	Horizontal	67	1.02	-
5180MHz	Pass	AV	5.1724G	113.00	Inf	-Inf	3	Horizontal	67	1.02	-
5180MHz	Pass	PK	5.15G	66.99	74.00	-7.01	3	Horizontal	67	1.02	-
5180MHz	Pass	PK	5.173G	120.23	Inf	-Inf	3	Horizontal	67	1.02	-
5180MHz	Pass	PK	10.36092G	59.13	68.20	-9.07	3	Vertical	131	2.04	-
5180MHz	Pass	PK	10.36476G	56.61	68.20	-11.59	3	Horizontal	246	1.50	-
5200MHz	Pass	AV	5.1476G	48.38	54.00	-5.62	3	Vertical	154	2.35	-
5200MHz	Pass	AV	5.1988G	100.69	Inf	-Inf	3	Vertical	154	2.35	-
5200MHz	Pass	PK	5.1424G	57.33	74.00	-16.67	3	Vertical	154	2.35	-
5200MHz	Pass	PK	5.1988G	107.52	Inf	-Inf	3	Vertical	154	2.35	-
5200MHz	Pass	AV	5.15G	52.93	54.00	-1.07	3	Horizontal	67	1.00	-
5200MHz	Pass	AV	5.1928G	115.31	Inf	-Inf	3	Horizontal	67	1.00	-
5200MHz	Pass	PK	5.1384G	63.11	74.00	-10.89	3	Horizontal	67	1.00	-
5200MHz	Pass	PK	5.1928G	122.53	Inf	-Inf	3	Horizontal	67	1.00	-
5200MHz	Pass	PK	10.4012G	60.20	68.20	-8.00	3	Vertical	257	2.78	-
5200MHz	Pass	PK	10.4091G	57.09	68.20	-11.11	3	Horizontal	219	1.07	-
5240MHz	Pass	AV	5.1236G	48.66	54.00	-5.34	3	Vertical	142	2.61	-
5240MHz	Pass	AV	5.2388G	107.11	Inf	-Inf	3	Vertical	142	2.61	-
5240MHz	Pass	AV	5.3636G	48.08	54.00	-5.92	3	Vertical	142	2.61	-
5240MHz	Pass	PK	5.147G	57.80	74.00	-16.20	3	Vertical	142	2.61	-
5240MHz	Pass	PK	5.2388G	114.84	Inf	-Inf	3	Vertical	142	2.61	-
5240MHz	Pass	PK	5.3714G	57.81	74.00	-16.19	3	Vertical	142	2.61	-
5240MHz	Pass	AV	5.1158G	52.76	54.00	-1.24	3	Horizontal	67	1.06	-
5240MHz	Pass	AV	5.2328G	117.64	Inf	-Inf	3	Horizontal	67	1.06	-
5240MHz	Pass	AV	5.3516G	52.31	54.00	-1.69	3	Horizontal	67	1.06	-
5240MHz	Pass	PK	5.1158G	62.34	74.00	-11.66	3	Horizontal	67	1.06	-
5240MHz	Pass	PK	5.2334G	124.98	Inf	-Inf	3	Horizontal	67	1.06	-
5240MHz	Pass	PK	5.3522G	61.53	74.00	-12.47	3	Horizontal	67	1.06	-
5240MHz	Pass	PK	10.4811G	62.47	68.20	-5.73	3	Vertical	133	1.96	-
5240MHz	Pass	PK	10.4783G	56.64	68.20	-11.56	3	Horizontal	21	1.15	-
5745MHz	Pass	AV	5.7462G	104.21	Inf	-Inf	3	Vertical	129	2.62	-
5745MHz	Pass	PK	5.6238G	57.43	68.20	-10.77	3	Vertical	129	2.62	-
5745MHz	Pass	PK	5.7462G	110.69	Inf	-Inf	3	Vertical	129	2.62	-
5745MHz	Pass	PK	6.0162G	58.54	68.20	-9.66	3	Vertical	129	2.62	-
5745MHz	Pass	AV	5.7426G	112.18	Inf	-Inf	3	Horizontal	45	2.67	-
5745MHz	Pass	PK	5.6226G	59.82	68.20	-8.38	3	Horizontal	45	2.67	-
5745MHz	Pass	PK	5.7414G	120.52	Inf	-Inf	3	Horizontal	45	2.67	-
5745MHz	Pass	PK	5.9418G	59.25	68.20	-8.95	3	Horizontal	45	2.67	-
5745MHz	Pass	AV	11.4885G	52.40	54.00	-1.60	3	Vertical	239	1.32	-
5745MHz	Pass	PK	11.4889G	65.37	74.00	-8.63	3	Vertical	239	1.32	-
5745MHz	Pass	AV	11.475G	47.26	54.00	-6.74	3	Horizontal	226	1.65	-
5745MHz	Pass	PK	11.485G	56.84	74.00	-17.16	3	Horizontal	226	1.65	-
5785MHz	Pass	AV	5.7838G	103.81	Inf	-Inf	3	Vertical	146	3.00	-
5785MHz	Pass	PK	5.5762G	58.46	68.20	-9.74	3	Vertical	146	3.00	-
5785MHz	Pass	PK	5.791G	110.95	Inf	-Inf	3	Vertical	146	3.00	-
5785MHz	Pass	PK	5.9662G	58.49	68.20	-9.71	3	Vertical	146	3.00	-
5785MHz	Pass	AV	5.7802G	113.51	Inf	-Inf	3	Horizontal	53	2.19	-
5785MHz	Pass	PK	5.5978G	59.07	68.20	-9.13	3	Horizontal	53	2.19	-
5785MHz	Pass	PK	5.7802G	121.13	Inf	-Inf	3	Horizontal	53	2.19	-
5785MHz	Pass	PK	5.9242G	59.92	68.79	-8.87	3	Horizontal	53	2.19	-
5785MHz	Pass	AV	11.5691G	52.40	54.00	-1.60	3	Vertical	277	1.03	-
5785MHz	Pass	PK	11.5696G	65.37	74.00	-8.63	3	Vertical	277	1.03	-
5785MHz	Pass	AV	11.5515G	47.34	54.00	-6.66	3	Horizontal	39	2.20	-
5785MHz	Pass	PK	11.5924G	57.53	74.00	-16.47	3	Horizontal	39	2.20	-
5825MHz	Pass	AV	5.8298G	105.15	Inf	-Inf	3	Vertical	189	2.88	-
5825MHz	Pass	PK	5.6186G	57.70	68.20	-10.50	3	Vertical	189	2.88	-

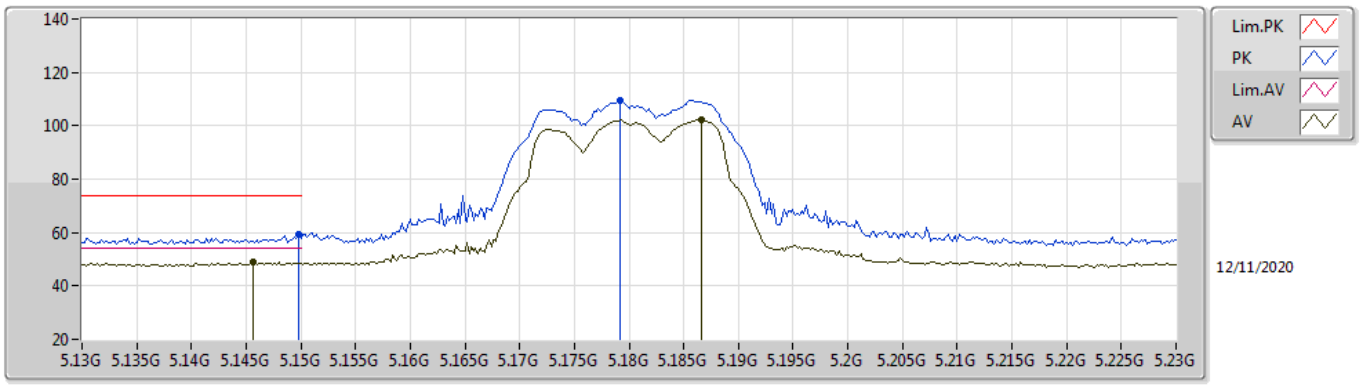
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8298G	111.76	Inf	-Inf	3	Vertical	189	2.88	-
5825MHz	Pass	PK	5.9606G	58.71	68.20	-9.49	3	Vertical	189	2.88	-
5825MHz	Pass	AV	5.8226G	112.82	Inf	-Inf	3	Horizontal	48	2.24	-
5825MHz	Pass	PK	5.5778G	59.02	68.20	-9.18	3	Horizontal	48	2.24	-
5825MHz	Pass	PK	5.8214G	120.73	Inf	-Inf	3	Horizontal	48	2.24	-
5825MHz	Pass	PK	5.9438G	60.65	68.20	-7.55	3	Horizontal	48	2.24	-
5825MHz	Pass	AV	11.65208G	52.88	54.00	-1.12	3	Vertical	276	1.82	-
5825MHz	Pass	PK	11.65168G	64.37	74.00	-9.63	3	Vertical	276	1.82	-
5825MHz	Pass	AV	11.6276G	47.62	54.00	-6.38	3	Horizontal	300	2.74	-
5825MHz	Pass	PK	11.6412G	56.99	74.00	-17.01	3	Horizontal	300	2.74	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1474G	48.60	54.00	-5.40	3	Vertical	183	3.00	-
5180MHz	Pass	AV	5.1838G	98.76	Inf	-Inf	3	Vertical	183	3.00	-
5180MHz	Pass	PK	5.15G	59.69	74.00	-14.31	3	Vertical	183	3.00	-
5180MHz	Pass	PK	5.184G	108.46	Inf	-Inf	3	Vertical	183	3.00	-
5180MHz	Pass	AV	5.1466G	52.76	54.00	-1.24	3	Horizontal	69	1.00	-
5180MHz	Pass	AV	5.1712G	110.48	Inf	-Inf	3	Horizontal	69	1.00	-
5180MHz	Pass	PK	5.1464G	67.25	74.00	-6.75	3	Horizontal	69	1.00	-
5180MHz	Pass	PK	5.1764G	120.34	Inf	-Inf	3	Horizontal	69	1.00	-
5180MHz	Pass	PK	10.35472G	56.91	68.20	-11.29	3	Vertical	118	1.50	-
5180MHz	Pass	PK	10.37188G	56.66	68.20	-11.54	3	Horizontal	92	1.86	-
5200MHz	Pass	AV	5.1472G	48.31	54.00	-5.69	3	Vertical	181	2.96	-
5200MHz	Pass	AV	5.1956G	101.58	Inf	-Inf	3	Vertical	181	2.96	-
5200MHz	Pass	PK	5.146G	57.90	74.00	-16.10	3	Vertical	181	2.96	-
5200MHz	Pass	PK	5.2036G	110.59	Inf	-Inf	3	Vertical	181	2.96	-
5200MHz	Pass	AV	5.1468G	52.46	54.00	-1.54	3	Horizontal	61	1.00	-
5200MHz	Pass	AV	5.2064G	112.87	Inf	-Inf	3	Horizontal	61	1.00	-
5200MHz	Pass	PK	5.1468G	62.50	74.00	-11.50	3	Horizontal	61	1.00	-
5200MHz	Pass	PK	5.2016G	123.27	Inf	-Inf	3	Horizontal	61	1.00	-
5200MHz	Pass	PK	10.40324G	59.59	68.20	-8.61	3	Vertical	121	2.02	-
5200MHz	Pass	PK	10.39052G	58.33	68.20	-9.87	3	Horizontal	142	2.99	-
5240MHz	Pass	AV	5.1014G	48.12	54.00	-5.88	3	Vertical	215	2.50	-
5240MHz	Pass	AV	5.2448G	103.29	Inf	-Inf	3	Vertical	215	2.50	-
5240MHz	Pass	AV	5.3864G	47.52	54.00	-6.48	3	Vertical	215	2.50	-
5240MHz	Pass	PK	5.1404G	58.15	74.00	-15.85	3	Vertical	215	2.50	-
5240MHz	Pass	PK	5.2334G	111.53	Inf	-Inf	3	Vertical	215	2.50	-
5240MHz	Pass	PK	5.39G	57.88	74.00	-16.12	3	Vertical	215	2.50	-
5240MHz	Pass	AV	5.1224G	52.72	54.00	-1.28	3	Horizontal	68	1.02	-
5240MHz	Pass	AV	5.2412G	115.61	Inf	-Inf	3	Horizontal	68	1.02	-
5240MHz	Pass	AV	5.3546G	52.35	54.00	-1.65	3	Horizontal	68	1.02	-
5240MHz	Pass	PK	5.1176G	63.28	74.00	-10.72	3	Horizontal	68	1.02	-
5240MHz	Pass	PK	5.2412G	124.56	Inf	-Inf	3	Horizontal	68	1.02	-
5240MHz	Pass	PK	5.3648G	61.56	74.00	-12.44	3	Horizontal	68	1.02	-
5240MHz	Pass	PK	10.48102G	60.93	68.20	-7.27	3	Vertical	125	1.88	-
5240MHz	Pass	PK	10.48102G	59.26	68.20	-8.94	3	Horizontal	137	2.99	-
5745MHz	Pass	AV	5.745G	104.31	Inf	-Inf	3	Vertical	132	3.00	-
5745MHz	Pass	PK	5.5842G	58.02	68.20	-10.18	3	Vertical	132	3.00	-
5745MHz	Pass	PK	5.7402G	113.84	Inf	-Inf	3	Vertical	132	3.00	-
5745MHz	Pass	PK	6.0366G	58.64	68.20	-9.56	3	Vertical	132	3.00	-
5745MHz	Pass	AV	5.7462G	112.97	Inf	-Inf	3	Horizontal	65	2.13	-
5745MHz	Pass	PK	5.6226G	63.74	68.20	-4.46	3	Horizontal	65	2.13	-
5745MHz	Pass	PK	5.751G	122.58	Inf	-Inf	3	Horizontal	65	2.13	-
5745MHz	Pass	PK	6.0354G	60.81	68.20	-7.39	3	Horizontal	65	2.13	-
5745MHz	Pass	AV	11.48488G	52.88	54.00	-1.12	3	Vertical	269	1.00	-
5745MHz	Pass	PK	11.48496G	68.52	74.00	-5.48	3	Vertical	269	1.00	-
5745MHz	Pass	AV	11.474G	47.38	54.00	-6.62	3	Horizontal	255	2.05	-
5745MHz	Pass	PK	11.472G	57.53	74.00	-16.47	3	Horizontal	255	2.05	-
5785MHz	Pass	AV	5.7778G	102.94	Inf	-Inf	3	Vertical	189	2.97	-
5785MHz	Pass	PK	5.611G	59.15	68.20	-9.05	3	Vertical	189	2.97	-
5785MHz	Pass	PK	5.7778G	112.20	Inf	-Inf	3	Vertical	189	2.97	-
5785MHz	Pass	PK	6.0322G	58.33	68.20	-9.87	3	Vertical	189	2.97	-
5785MHz	Pass	AV	5.7802G	110.98	Inf	-Inf	3	Horizontal	31	2.18	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.5858G	58.96	68.20	-9.24	3	Horizontal	31	2.18	-
5785MHz	Pass	PK	5.7802G	119.16	Inf	-Inf	3	Horizontal	31	2.18	-
5785MHz	Pass	PK	6.0598G	59.73	68.20	-8.47	3	Horizontal	31	2.18	-
5785MHz	Pass	AV	11.5708G	52.39	54.00	-1.61	3	Vertical	270	1.00	-
5785MHz	Pass	PK	11.56504G	67.12	74.00	-6.88	3	Vertical	270	1.00	-
5785MHz	Pass	AV	11.57688G	47.37	54.00	-6.63	3	Horizontal	268	1.50	-
5785MHz	Pass	PK	11.58064G	57.92	74.00	-16.08	3	Horizontal	268	1.50	-
5825MHz	Pass	AV	5.8178G	104.59	Inf	-Inf	3	Vertical	38	3.00	-
5825MHz	Pass	PK	5.5538G	58.13	68.20	-10.07	3	Vertical	38	3.00	-
5825MHz	Pass	PK	5.8178G	113.25	Inf	-Inf	3	Vertical	38	3.00	-
5825MHz	Pass	PK	5.981G	59.34	68.20	-8.86	3	Vertical	38	3.00	-
5825MHz	Pass	AV	5.8166G	114.60	Inf	-Inf	3	Horizontal	70	1.05	-
5825MHz	Pass	PK	5.5886G	61.17	68.20	-7.03	3	Horizontal	70	1.05	-
5825MHz	Pass	PK	5.8214G	124.18	Inf	-Inf	3	Horizontal	70	1.05	-
5825MHz	Pass	PK	5.9366G	63.47	68.20	-4.73	3	Horizontal	70	1.05	-
5825MHz	Pass	AV	11.64952G	52.49	54.00	-1.51	3	Vertical	221	1.12	-
5825MHz	Pass	PK	11.6504G	66.14	74.00	-7.86	3	Vertical	221	1.12	-
5825MHz	Pass	AV	11.64952G	51.23	54.00	-2.77	3	Horizontal	136	1.64	-
5825MHz	Pass	PK	11.648G	63.16	74.00	-10.84	3	Horizontal	136	1.64	-
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1492G	49.01	54.00	-4.99	3	Vertical	20	2.99	-
5190MHz	Pass	AV	5.1872G	96.06	Inf	-Inf	3	Vertical	20	2.99	-
5190MHz	Pass	PK	5.1476G	58.34	74.00	-15.66	3	Vertical	20	2.99	-
5190MHz	Pass	PK	5.1928G	105.73	Inf	-Inf	3	Vertical	20	2.99	-
5190MHz	Pass	AV	5.15G	52.64	54.00	-1.36	3	Horizontal	80	2.19	-
5190MHz	Pass	AV	5.186G	106.51	Inf	-Inf	3	Horizontal	80	2.19	-
5190MHz	Pass	PK	5.1464G	66.91	74.00	-7.09	3	Horizontal	80	2.19	-
5190MHz	Pass	PK	5.1864G	115.24	Inf	-Inf	3	Horizontal	80	2.19	-
5190MHz	Pass	PK	10.3983G	56.03	68.20	-12.17	3	Vertical	127	1.71	-
5190MHz	Pass	PK	10.4016G	55.88	68.20	-12.32	3	Horizontal	7	1.50	-
5230MHz	Pass	AV	5.1464G	48.50	54.00	-5.50	3	Vertical	58	2.36	-
5230MHz	Pass	AV	5.2316G	100.86	Inf	-Inf	3	Vertical	58	2.36	-
5230MHz	Pass	PK	5.1488G	58.29	74.00	-15.71	3	Vertical	58	2.36	-
5230MHz	Pass	PK	5.2268G	110.18	Inf	-Inf	3	Vertical	58	2.36	-
5230MHz	Pass	AV	5.1464G	52.39	54.00	-1.61	3	Horizontal	58	2.24	-
5230MHz	Pass	AV	5.2364G	110.77	Inf	-Inf	3	Horizontal	58	2.24	-
5230MHz	Pass	PK	5.1468G	63.18	74.00	-10.82	3	Horizontal	58	2.24	-
5230MHz	Pass	PK	5.2164G	119.42	Inf	-Inf	3	Horizontal	58	2.24	-
5230MHz	Pass	PK	10.4514G	56.44	68.20	-11.76	3	Vertical	351	2.21	-
5230MHz	Pass	PK	10.443G	56.11	68.20	-12.09	3	Horizontal	118	1.01	-
5755MHz	Pass	AV	5.7502G	103.21	Inf	-Inf	3	Vertical	133	3.00	-
5755MHz	Pass	PK	5.635G	60.25	68.20	-7.95	3	Vertical	133	3.00	-
5755MHz	Pass	PK	5.761G	112.06	Inf	-Inf	3	Vertical	133	3.00	-
5755MHz	Pass	PK	5.959G	58.59	68.20	-9.61	3	Vertical	133	3.00	-
5755MHz	Pass	AV	5.7514G	112.01	Inf	-Inf	3	Horizontal	65	2.14	-
5755MHz	Pass	PK	5.6494G	66.87	68.20	-1.33	3	Horizontal	65	2.14	-
5755MHz	Pass	PK	5.7418G	121.83	Inf	-Inf	3	Horizontal	65	2.14	-
5755MHz	Pass	PK	5.941G	63.91	68.20	-4.29	3	Horizontal	65	2.14	-
5755MHz	Pass	AV	11.5101G	51.74	54.00	-2.26	3	Vertical	226	1.39	-
5755MHz	Pass	PK	11.51G	63.38	74.00	-10.62	3	Vertical	226	1.39	-
5755MHz	Pass	AV	11.4999G	52.70	54.00	-1.30	3	Horizontal	184	2.20	-
5755MHz	Pass	PK	11.4985G	62.75	74.00	-11.25	3	Horizontal	184	2.20	-
5795MHz	Pass	AV	5.801G	102.50	Inf	-Inf	3	Vertical	132	2.97	-
5795MHz	Pass	PK	5.5718G	58.16	68.20	-10.04	3	Vertical	132	2.97	-
5795MHz	Pass	PK	5.8106G	111.59	Inf	-Inf	3	Vertical	132	2.97	-
5795MHz	Pass	PK	5.9354G	60.56	68.20	-7.64	3	Vertical	132	2.97	-
5795MHz	Pass	AV	5.8058G	111.81	Inf	-Inf	3	Horizontal	75	1.00	-
5795MHz	Pass	PK	5.651G	62.51	68.94	-6.43	3	Horizontal	75	1.00	-
5795MHz	Pass	PK	5.7914G	120.02	Inf	-Inf	3	Horizontal	75	1.00	-
5795MHz	Pass	PK	5.9282G	66.36	68.20	-1.84	3	Horizontal	75	1.00	-
5795MHz	Pass	AV	11.58468G	50.71	54.00	-3.29	3	Vertical	227	1.46	-
5795MHz	Pass	PK	11.59014G	62.94	74.00	-11.06	3	Vertical	227	1.46	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	11.57992G	51.41	54.00	-2.59	3	Horizontal	183	2.33	-
5795MHz	Pass	PK	11.58006G	62.04	74.00	-11.96	3	Horizontal	183	2.33	-
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.137G	47.30	54.00	-6.70	3	Vertical	216	3.00	-
5210MHz	Pass	AV	5.201G	90.44	Inf	-Inf	3	Vertical	216	3.00	-
5210MHz	Pass	AV	5.363G	46.58	54.00	-7.42	3	Vertical	216	3.00	-
5210MHz	Pass	PK	5.142G	55.85	74.00	-18.15	3	Vertical	216	3.00	-
5210MHz	Pass	PK	5.22G	99.38	Inf	-Inf	3	Vertical	216	3.00	-
5210MHz	Pass	PK	5.407G	55.76	74.00	-18.24	3	Vertical	216	3.00	-
5210MHz	Pass	AV	5.141G	52.96	54.00	-1.04	3	Horizontal	82	2.26	-
5210MHz	Pass	AV	5.196G	101.50	Inf	-Inf	3	Horizontal	82	2.26	-
5210MHz	Pass	AV	5.352G	48.58	54.00	-5.42	3	Horizontal	82	2.26	-
5210MHz	Pass	PK	5.146G	60.23	74.00	-13.77	3	Horizontal	82	2.26	-
5210MHz	Pass	PK	5.216G	110.57	Inf	-Inf	3	Horizontal	82	2.26	-
5210MHz	Pass	PK	5.353G	56.67	74.00	-17.33	3	Horizontal	82	2.26	-
5210MHz	Pass	PK	10.4558G	55.98	68.20	-12.22	3	Vertical	57	1.89	-
5210MHz	Pass	PK	10.4018G	56.04	68.20	-12.16	3	Horizontal	330	1.38	-
5775MHz	Pass	AV	5.7618G	96.97	Inf	-Inf	3	Vertical	186	2.97	-
5775MHz	Pass	PK	5.6478G	58.42	68.20	-9.78	3	Vertical	186	2.97	-
5775MHz	Pass	PK	5.7678G	105.45	Inf	-Inf	3	Vertical	186	2.97	-
5775MHz	Pass	PK	5.9322G	59.28	68.20	-8.92	3	Vertical	186	2.97	-
5775MHz	Pass	AV	5.7846G	104.26	Inf	-Inf	3	Horizontal	26	2.10	-
5775MHz	Pass	PK	5.6406G	63.57	68.20	-4.63	3	Horizontal	26	2.10	-
5775MHz	Pass	PK	5.7846G	114.60	Inf	-Inf	3	Horizontal	26	2.10	-
5775MHz	Pass	PK	5.9358G	67.17	68.20	-1.03	3	Horizontal	26	2.10	-
5775MHz	Pass	AV	11.5722G	48.89	54.00	-5.11	3	Vertical	243	1.33	-
5775MHz	Pass	PK	11.5716G	58.07	74.00	-15.93	3	Vertical	243	1.33	-
5775MHz	Pass	AV	11.594G	47.00	54.00	-7.00	3	Horizontal	211	1.87	-
5775MHz	Pass	PK	11.5996G	56.98	74.00	-17.02	3	Horizontal	211	1.87	-

802.11a_Nss1,(6Mbps)_4TX

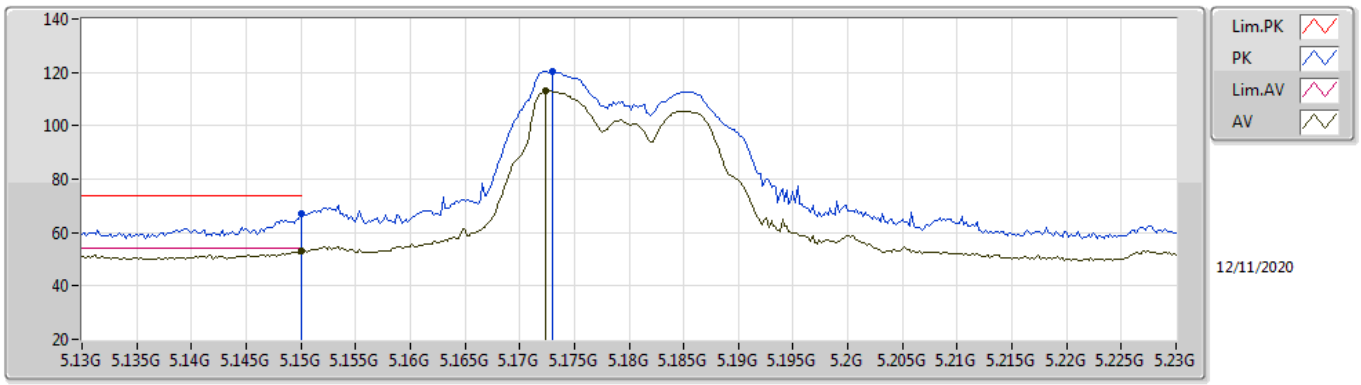
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1456G	48.92	54.00	-5.08	9.58	3	Vertical	197	2.92	-	39.34	31.99	6.77	29.18
AV	5.1866G	102.06	Inf	-Inf	9.46	3	Vertical	197	2.92	-	92.60	31.85	6.79	29.18
PK	5.1498G	59.27	74.00	-14.73	9.59	3	Vertical	197	2.92	-	49.68	32.00	6.77	29.18
PK	5.1792G	109.43	Inf	-Inf	9.49	3	Vertical	197	2.92	-	99.94	31.88	6.79	29.18

802.11a_Nss1,(6Mbps)_4TX

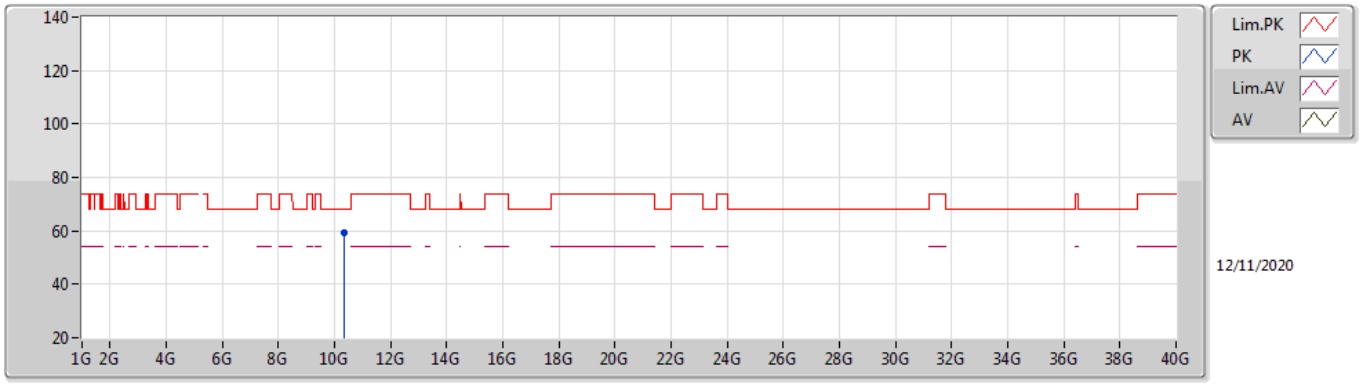
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.87	54.00	-1.13	9.60	3	Horizontal	67	1.02	-	43.27	32.00	6.78	29.18
AV	5.1724G	113.00	Inf	-Inf	9.52	3	Horizontal	67	1.02	-	103.48	31.91	6.79	29.18
PK	5.15G	66.99	74.00	-7.01	9.60	3	Horizontal	67	1.02	-	57.39	32.00	6.78	29.18
PK	5.173G	120.23	Inf	-Inf	9.52	3	Horizontal	67	1.02	-	110.71	31.91	6.79	29.18

802.11a_Nss1,(6Mbps)_4TX

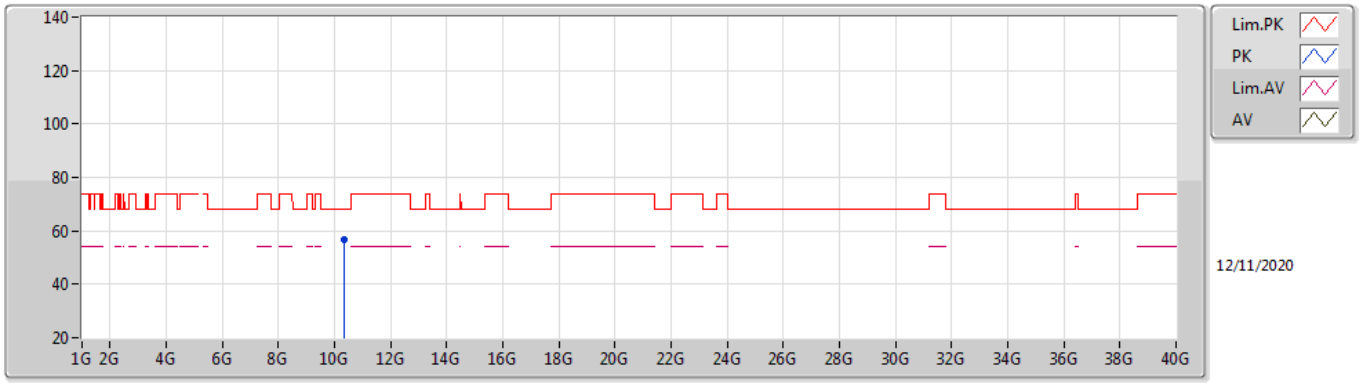
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36092G	59.13	68.20	-9.07	18.05	3	Vertical	131	2.04	-	41.08	39.44	8.96	30.35

802.11a_Nss1,(6Mbps)_4TX

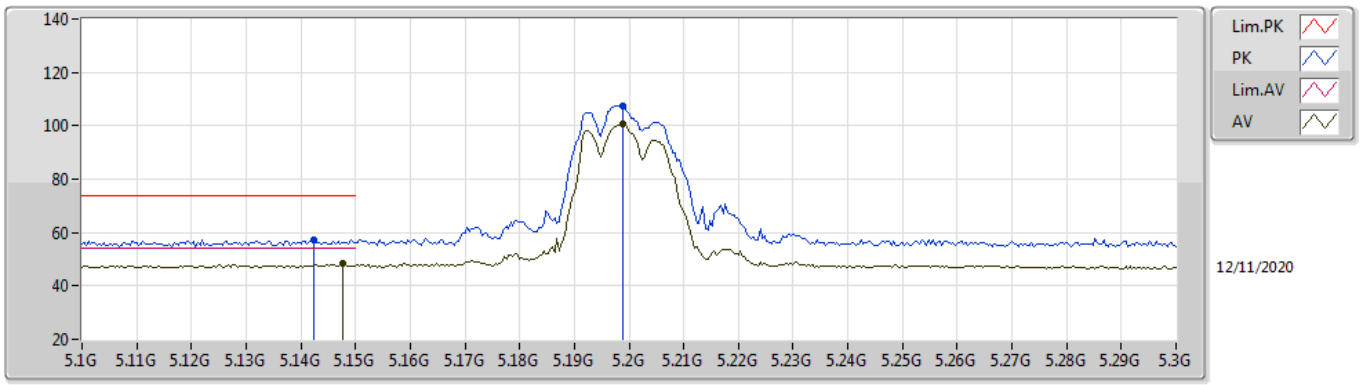
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.36476G	56.61	68.20	-11.59	18.07	3	Horizontal	246	1.50	-	38.54	39.46	8.96	30.35

802.11a_Nss1,(6Mbps)_4TX

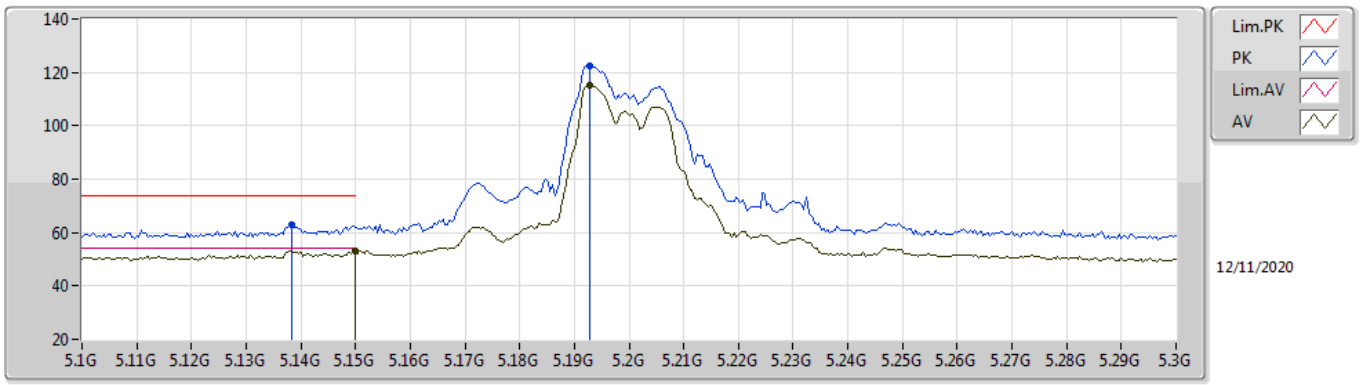
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1476G	48.38	54.00	-5.62	9.59	3	Vertical	154	2.35	-	38.79	32.00	6.77	29.18
AV	5.1988G	100.69	Inf	-Inf	9.42	3	Vertical	154	2.35	-	91.27	31.80	6.80	29.18
PK	5.1424G	57.33	74.00	-16.67	9.57	3	Vertical	154	2.35	-	47.76	31.98	6.77	29.18
PK	5.1988G	107.52	Inf	-Inf	9.42	3	Vertical	154	2.35	-	98.10	31.80	6.80	29.18

802.11a_Nss1,(6Mbps)_4TX

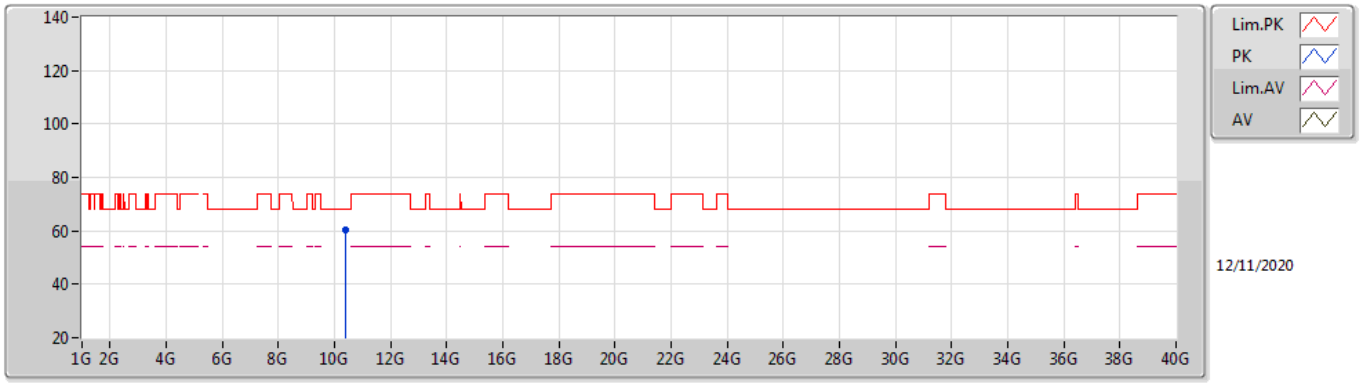
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.93	54.00	-1.07	9.60	3	Horizontal	67	1.00	-	43.33	32.00	6.78	29.18
AV	5.1928G	115.31	Inf	-Inf	9.45	3	Horizontal	67	1.00	-	105.86	31.83	6.80	29.18
PK	5.1384G	63.11	74.00	-10.89	9.57	3	Horizontal	67	1.00	-	53.54	31.98	6.77	29.18
PK	5.1928G	122.53	Inf	-Inf	9.45	3	Horizontal	67	1.00	-	113.08	31.83	6.80	29.18

802.11a_Nss1,(6Mbps)_4TX

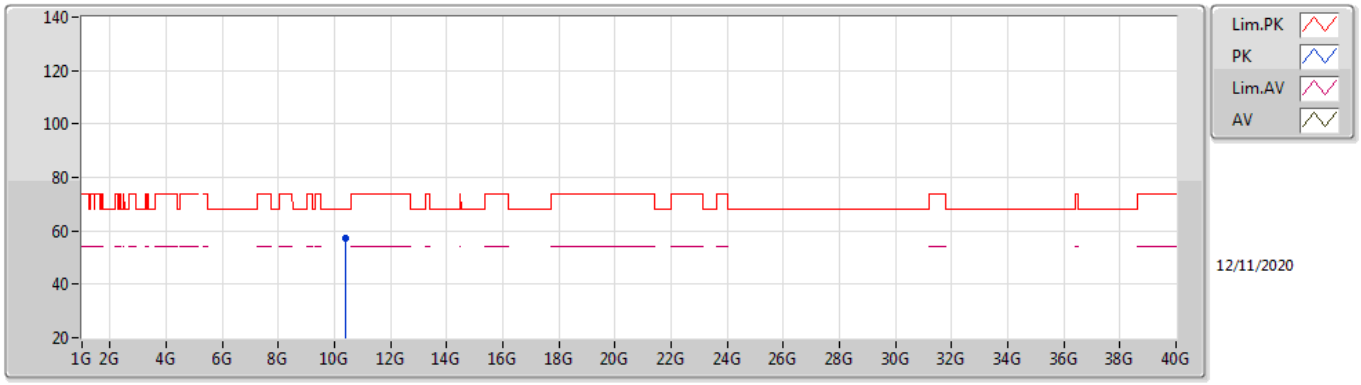
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4012G	60.20	68.20	-8.00	18.22	3	Vertical	257	2.78	-	41.98	39.60	8.98	30.36

802.11a_Nss1,(6Mbps)_4TX

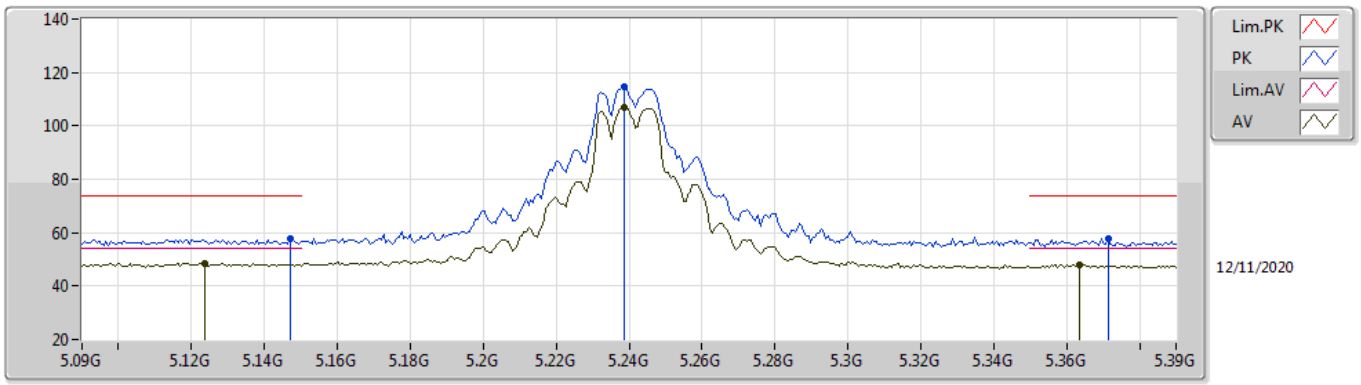
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4091G	57.09	68.20	-11.11	18.23	3	Horizontal	219	1.07	-	38.86	39.61	8.98	30.36

802.11a_Nss1,(6Mbps)_4TX

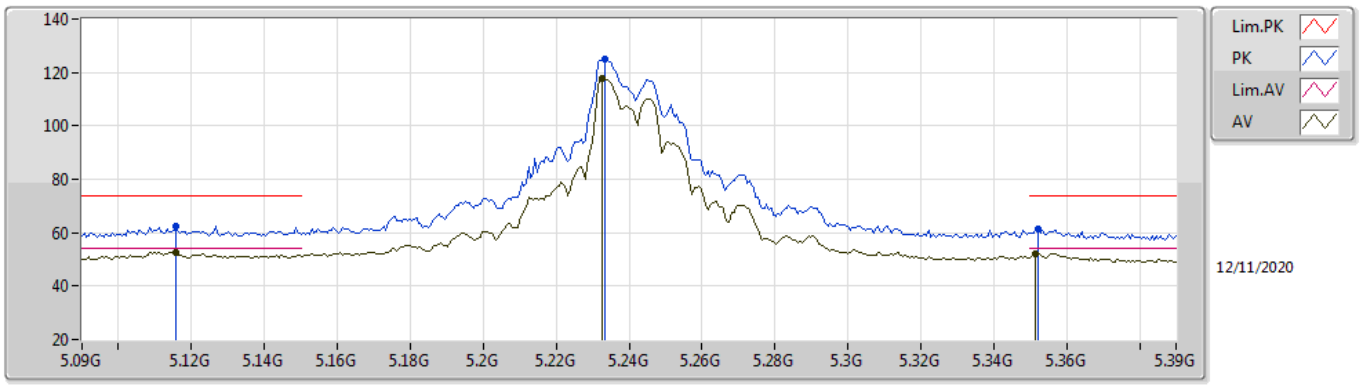
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1236G	48.66	54.00	-5.34	9.53	3	Vertical	142	2.61	-	39.13	31.95	6.76	29.18
AV	5.2388G	107.11	Inf	-Inf	9.11	3	Vertical	142	2.61	-	98.00	31.49	6.80	29.18
AV	5.3636G	48.08	54.00	-5.92	8.82	3	Vertical	142	2.61	-	39.26	31.21	6.80	29.19
PK	5.147G	57.80	74.00	-16.20	9.58	3	Vertical	142	2.61	-	48.22	31.99	6.77	29.18
PK	5.2388G	114.84	Inf	-Inf	9.11	3	Vertical	142	2.61	-	105.73	31.49	6.80	29.18
PK	5.3714G	57.81	74.00	-16.19	8.88	3	Vertical	142	2.61	-	48.93	31.27	6.80	29.19

802.11a_Nss1,(6Mbps)_4TX

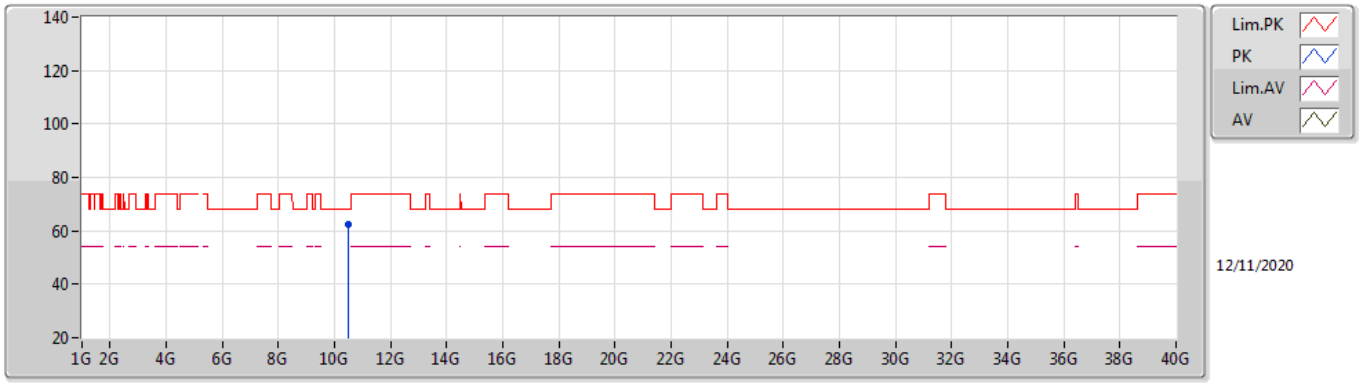
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1158G	52.76	54.00	-1.24	9.51	3	Horizontal	67	1.06	-	43.25	31.93	6.76	29.18
AV	5.2328G	117.64	Inf	-Inf	9.16	3	Horizontal	67	1.06	-	108.48	31.54	6.80	29.18
AV	5.3516G	52.31	54.00	-1.69	8.72	3	Horizontal	67	1.06	-	43.59	31.11	6.80	29.19
PK	5.1158G	62.34	74.00	-11.66	9.51	3	Horizontal	67	1.06	-	52.83	31.93	6.76	29.18
PK	5.2334G	124.98	Inf	-Inf	9.15	3	Horizontal	67	1.06	-	115.83	31.53	6.80	29.18
PK	5.3522G	61.53	74.00	-12.47	8.73	3	Horizontal	67	1.06	-	52.80	31.12	6.80	29.19

802.11a_Nss1,(6Mbps)_4TX

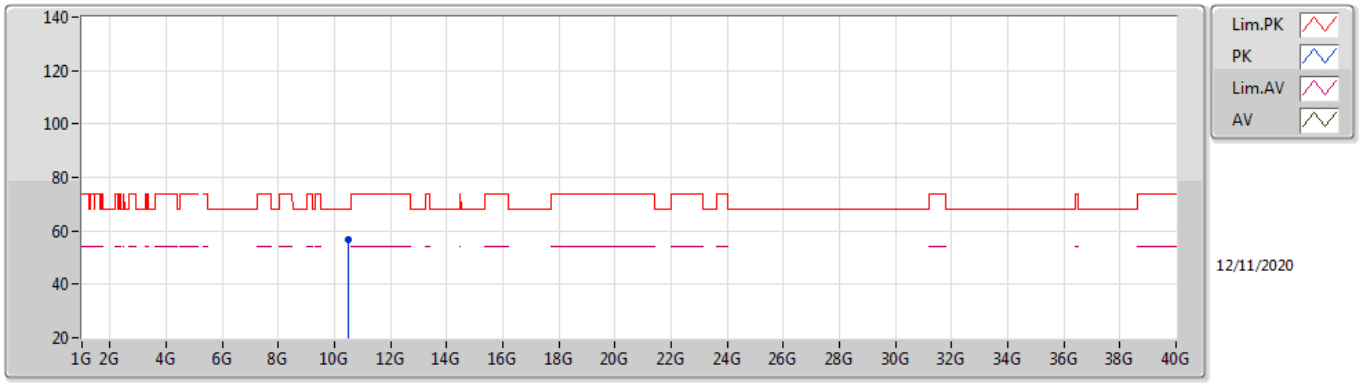
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4811G	62.47	68.20	-5.73	18.32	3	Vertical	133	1.96	-	44.15	39.68	9.02	30.38

802.11a_Nss1,(6Mbps)_4TX

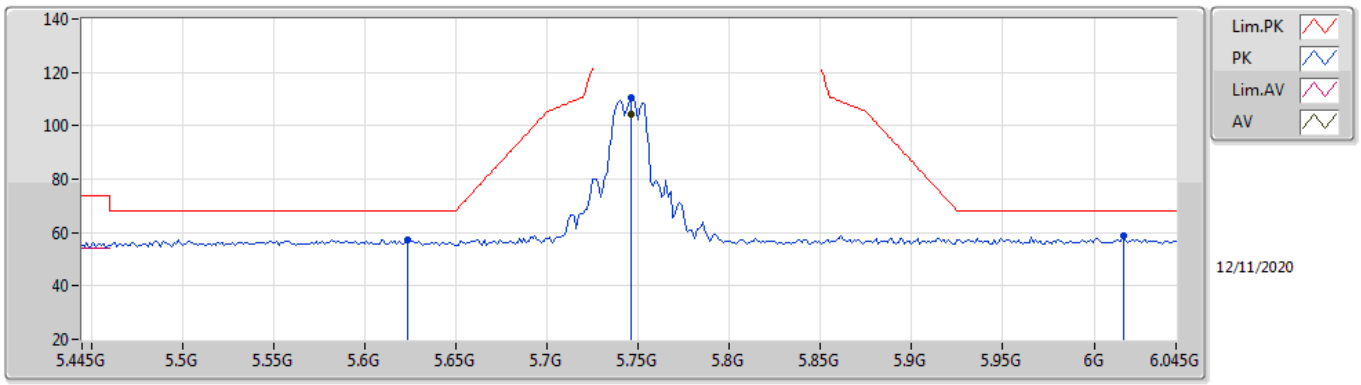
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4783G	56.64	68.20	-11.56	18.32	3	Horizontal	21	1.15	-	38.32	39.68	9.02	30.38

802.11a_Nss1,(6Mbps)_4TX

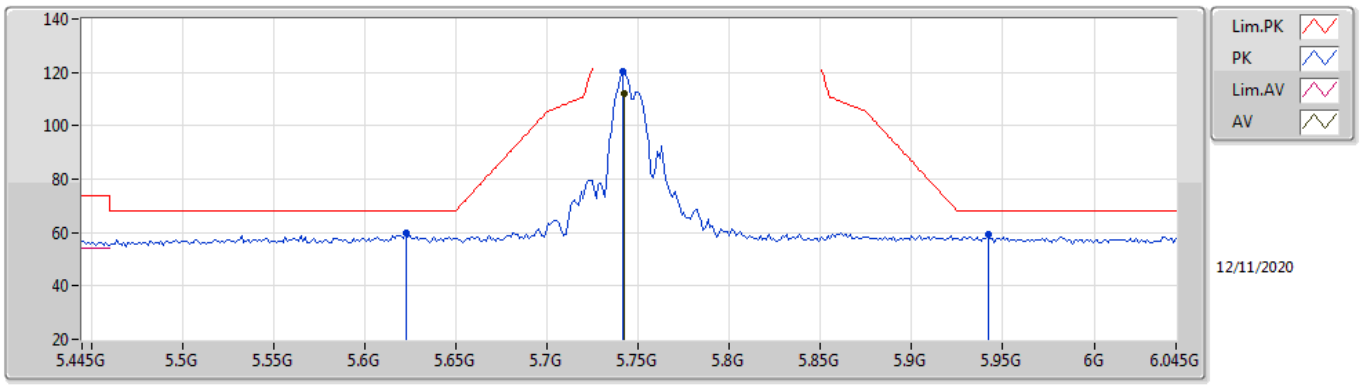
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	104.21	Inf	-Inf	9.68	3	Vertical	129	2.62	-	94.53	31.99	6.97	29.28
PK	5.6238G	57.43	68.20	-10.77	9.47	3	Vertical	129	2.62	-	47.96	31.80	6.91	29.24
PK	5.7462G	110.69	Inf	-Inf	9.68	3	Vertical	129	2.62	-	101.01	31.99	6.97	29.28
PK	6.0162G	58.54	68.20	-9.66	10.13	3	Vertical	129	2.62	-	48.41	32.40	7.11	29.38

802.11a_Nss1,(6Mbps)_4TX

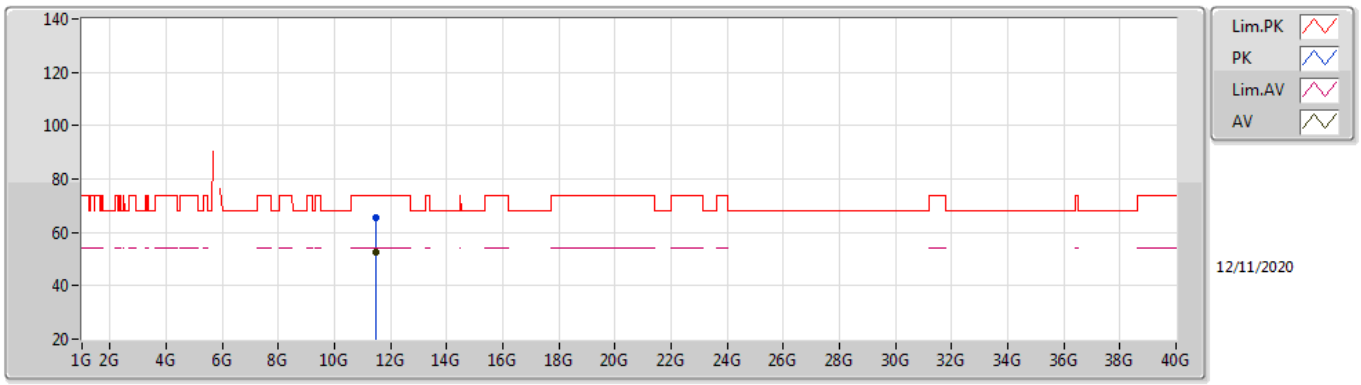
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7426G	112.18	Inf	-Inf	9.68	3	Horizontal	45	2.67	-	102.50	31.99	6.97	29.28
PK	5.6226G	59.82	68.20	-8.38	9.48	3	Horizontal	45	2.67	-	50.34	31.81	6.91	29.24
PK	5.7414G	120.52	Inf	-Inf	9.67	3	Horizontal	45	2.67	-	110.85	31.98	6.97	29.28
PK	5.9418G	59.25	68.20	-8.95	10.09	3	Horizontal	45	2.67	-	49.16	32.37	7.07	29.35

802.11a_Nss1,(6Mbps)_4TX

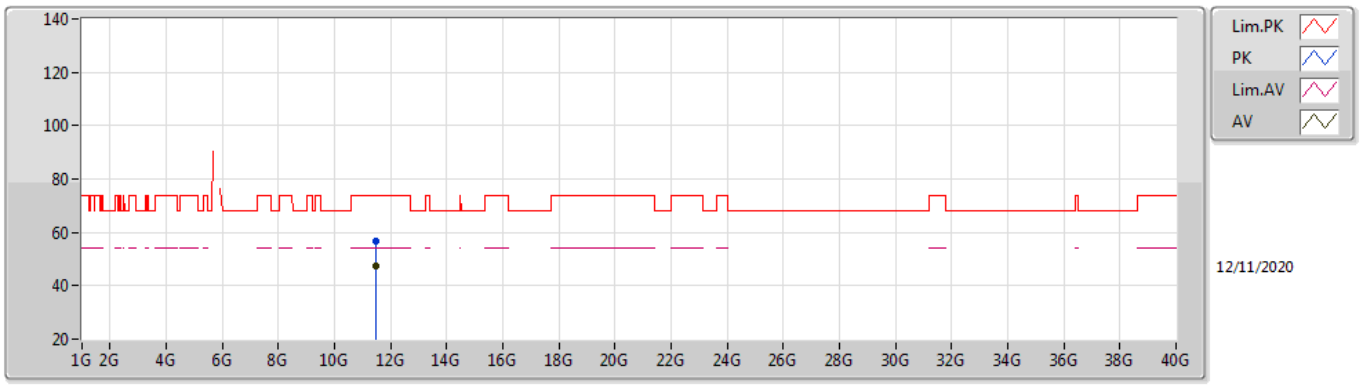
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4885G	52.40	54.00	-1.60	19.08	3	Vertical	239	1.32	-	33.32	39.99	9.47	30.38
PK	11.4889G	65.37	74.00	-8.63	19.08	3	Vertical	239	1.32	-	46.29	39.99	9.47	30.38

802.11a_Nss1,(6Mbps)_4TX

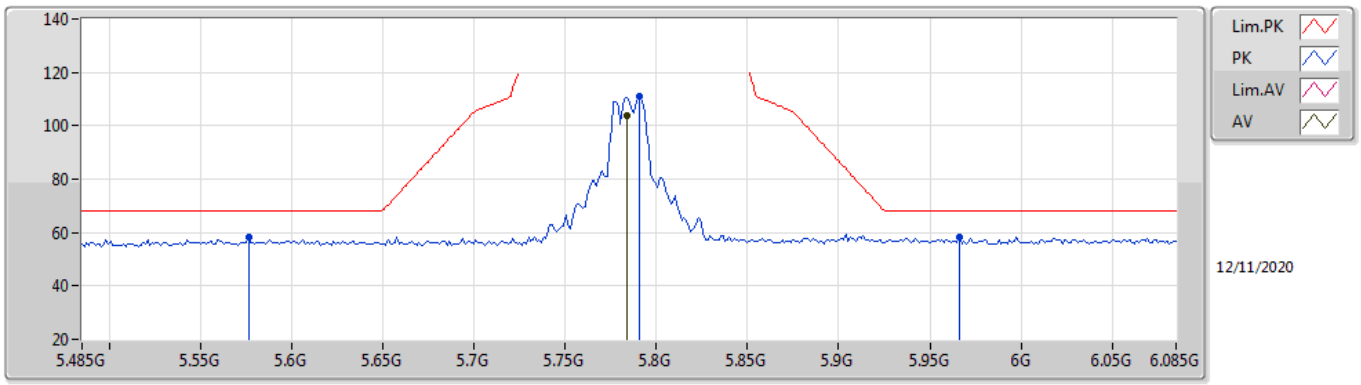
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.475G	47.26	54.00	-6.74	19.06	3	Horizontal	226	1.65	-	28.20	39.98	9.46	30.38
PK	11.485G	56.84	74.00	-17.16	19.07	3	Horizontal	226	1.65	-	37.77	39.98	9.47	30.38

802.11a_Nss1,(6Mbps)_4TX

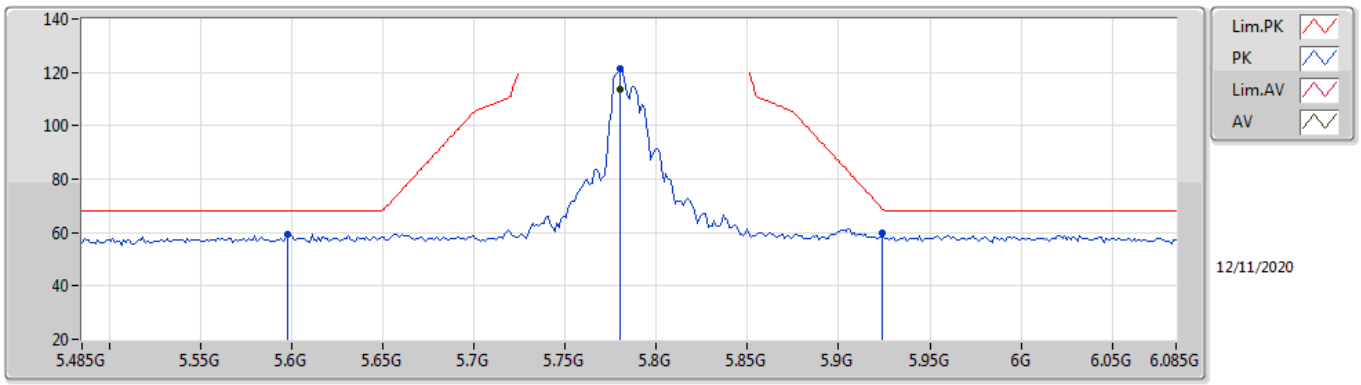
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7838G	103.81	Inf	-Inf	9.69	3	Vertical	146	3.00	-	94.12	32.00	6.99	29.30
PK	5.5762G	58.46	68.20	-9.74	9.51	3	Vertical	146	3.00	-	48.95	31.85	6.89	29.23
PK	5.791G	110.95	Inf	-Inf	9.70	3	Vertical	146	3.00	-	101.25	32.00	7.00	29.30
PK	5.9662G	58.49	68.20	-9.71	10.09	3	Vertical	146	3.00	-	48.40	32.37	7.08	29.36

802.11a_Nss1,(6Mbps)_4TX

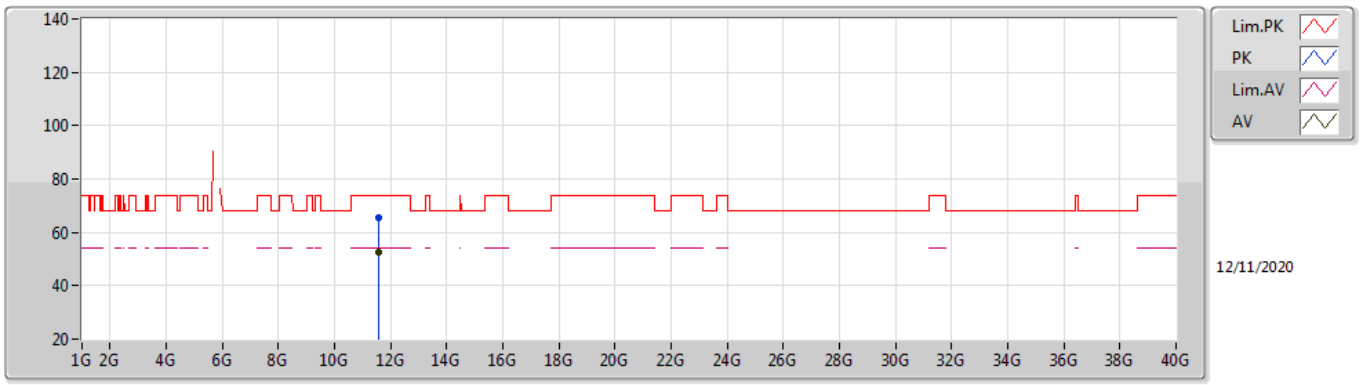
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7802G	113.51	Inf	-Inf	9.69	3	Horizontal	53	2.19	-	103.82	32.00	6.99	29.30
PK	5.5978G	59.07	68.20	-9.13	9.57	3	Horizontal	53	2.19	-	49.50	31.90	6.90	29.23
PK	5.7802G	121.13	Inf	-Inf	9.69	3	Horizontal	53	2.19	-	111.44	32.00	6.99	29.30
PK	5.9242G	59.92	68.79	-8.87	10.02	3	Horizontal	53	2.19	-	49.90	32.30	7.06	29.34

802.11a_Nss1,(6Mbps)_4TX

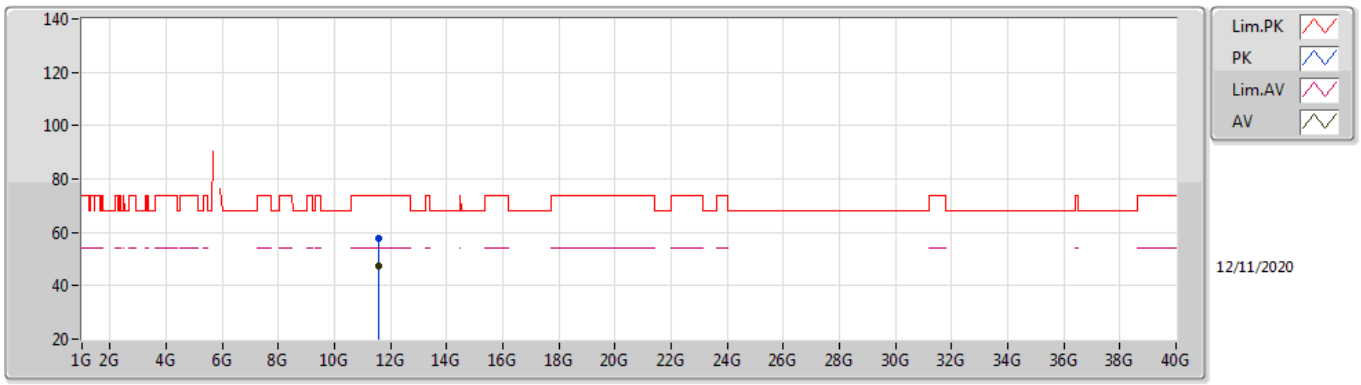
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5691G	52.40	54.00	-1.60	19.08	3	Vertical	277	1.03	-	33.32	39.93	9.51	30.36
PK	11.5696G	65.37	74.00	-8.63	19.08	3	Vertical	277	1.03	-	46.29	39.93	9.51	30.36

802.11a_Nss1,(6Mbps)_4TX

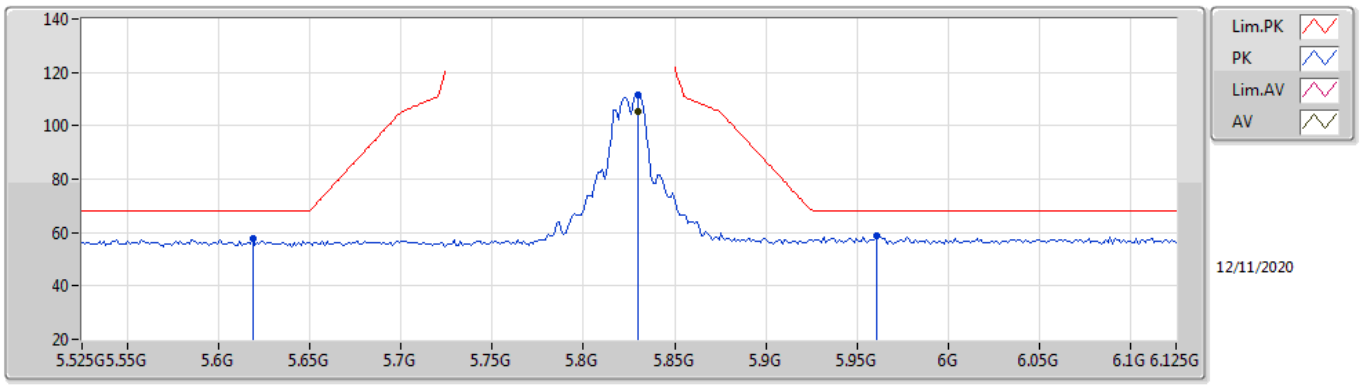
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5515G	47.34	54.00	-6.66	19.09	3	Horizontal	39	2.20	-	28.25	39.95	9.50	30.36
PK	11.5924G	57.53	74.00	-16.47	19.08	3	Horizontal	39	2.20	-	38.45	39.91	9.52	30.35

802.11a_Nss1,(6Mbps)_4TX

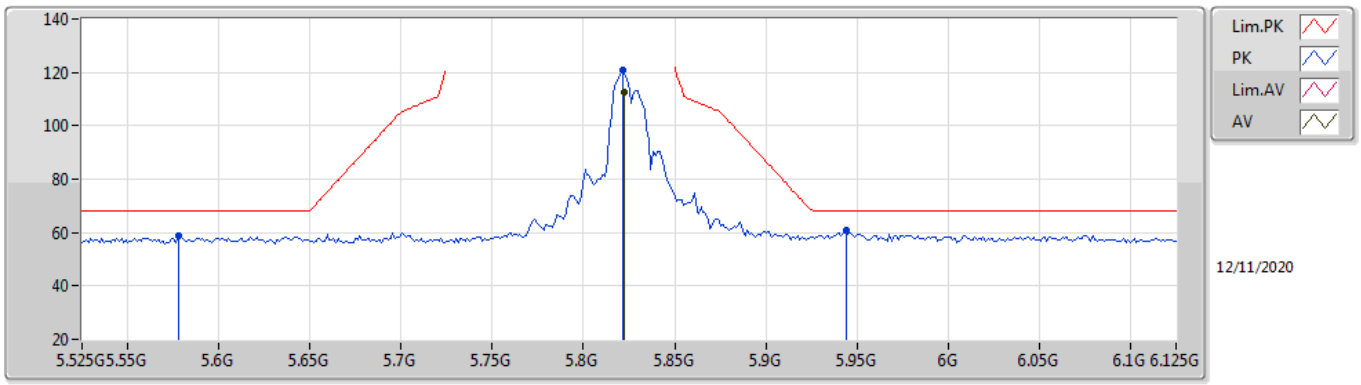
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8298G	105.15	Inf	-Inf	9.76	3	Vertical	189	2.88	-	95.39	32.06	7.01	29.31
PK	5.6186G	57.70	68.20	-10.50	9.50	3	Vertical	189	2.88	-	48.20	31.83	6.91	29.24
PK	5.8298G	111.76	Inf	-Inf	9.76	3	Vertical	189	2.88	-	102.00	32.06	7.01	29.31
PK	5.9606G	58.71	68.20	-9.49	10.10	3	Vertical	189	2.88	-	48.61	32.38	7.08	29.36

802.11a_Nss1,(6Mbps)_4TX

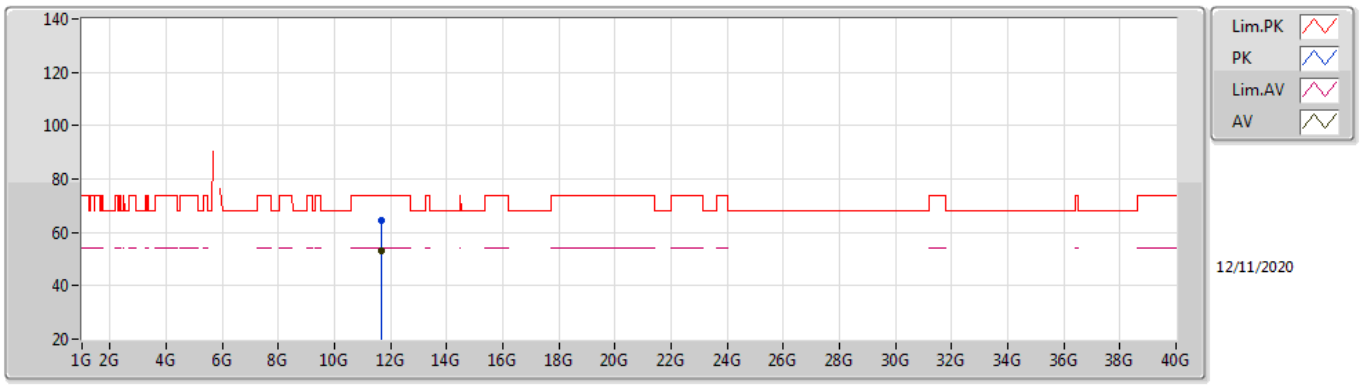
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8226G	112.82	Inf	-Inf	9.75	3	Horizontal	48	2.24	-	103.07	32.05	7.01	29.31
PK	5.5778G	59.02	68.20	-9.18	9.52	3	Horizontal	48	2.24	-	49.50	31.86	6.89	29.23
PK	5.8214G	120.73	Inf	-Inf	9.74	3	Horizontal	48	2.24	-	110.99	32.04	7.01	29.31
PK	5.9438G	60.65	68.20	-7.55	10.10	3	Horizontal	48	2.24	-	50.55	32.38	7.07	29.35

802.11a_Nss1,(6Mbps)_4TX

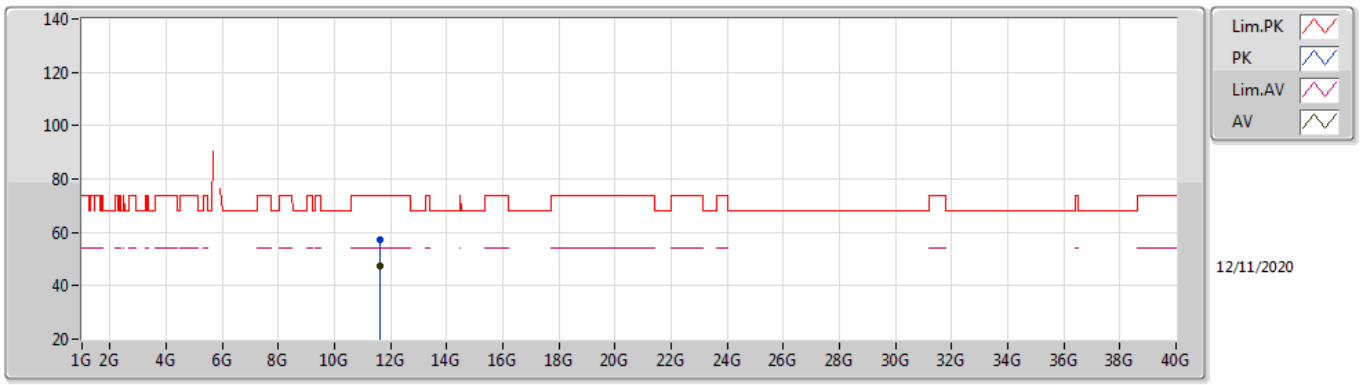
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.65208G	52.88	54.00	-1.12	18.80	3	Vertical	276	1.82	-	34.08	39.59	9.54	30.33
PK	11.65168G	64.37	74.00	-9.63	18.80	3	Vertical	276	1.82	-	45.57	39.59	9.54	30.33

802.11a_Nss1,(6Mbps)_4TX

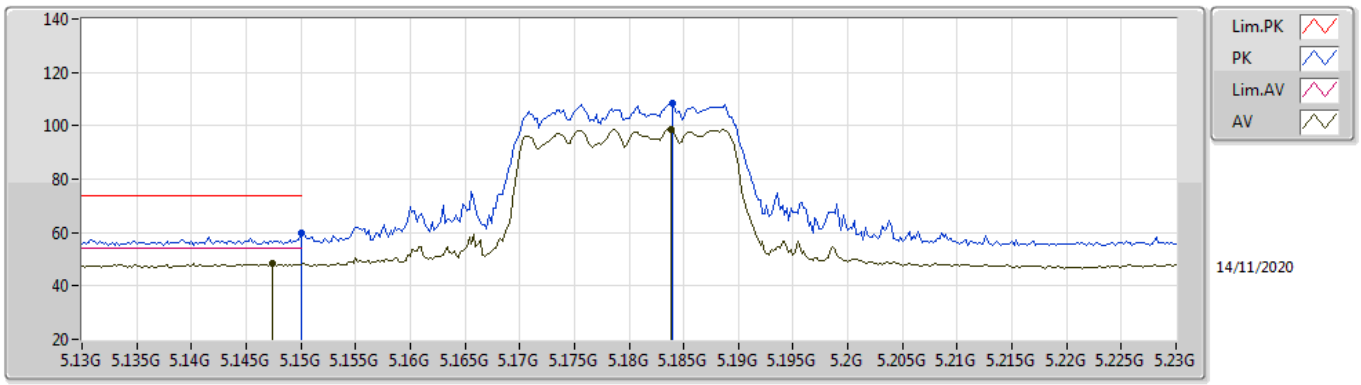
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6276G	47.62	54.00	-6.38	18.92	3	Horizontal	300	2.74	-	28.70	39.73	9.53	30.34
PK	11.6412G	56.99	74.00	-17.01	18.86	3	Horizontal	300	2.74	-	38.13	39.65	9.54	30.33

802.11ax HEW20_Nss1,(MCS0)_4TX

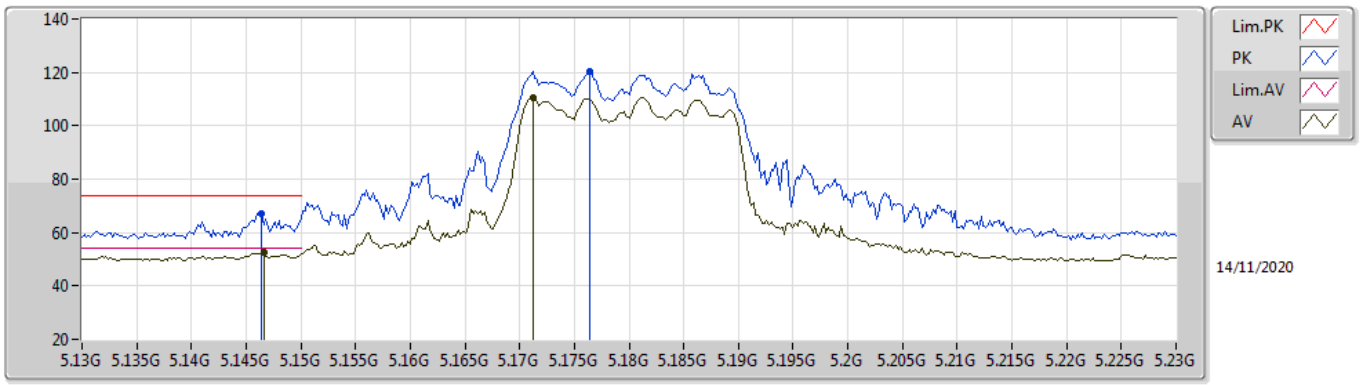
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1474G	48.60	54.00	-5.40	9.58	3	Vertical	183	3.00	-	39.02	31.99	6.77	29.18
AV	5.1838G	98.76	Inf	-Inf	9.47	3	Vertical	183	3.00	-	89.29	31.86	6.79	29.18
PK	5.15G	59.69	74.00	-14.31	9.60	3	Vertical	183	3.00	-	50.09	32.00	6.78	29.18
PK	5.184G	108.46	Inf	-Inf	9.47	3	Vertical	183	3.00	-	98.99	31.86	6.79	29.18

802.11ax HEW20_Nss1,(MCS0)_4TX

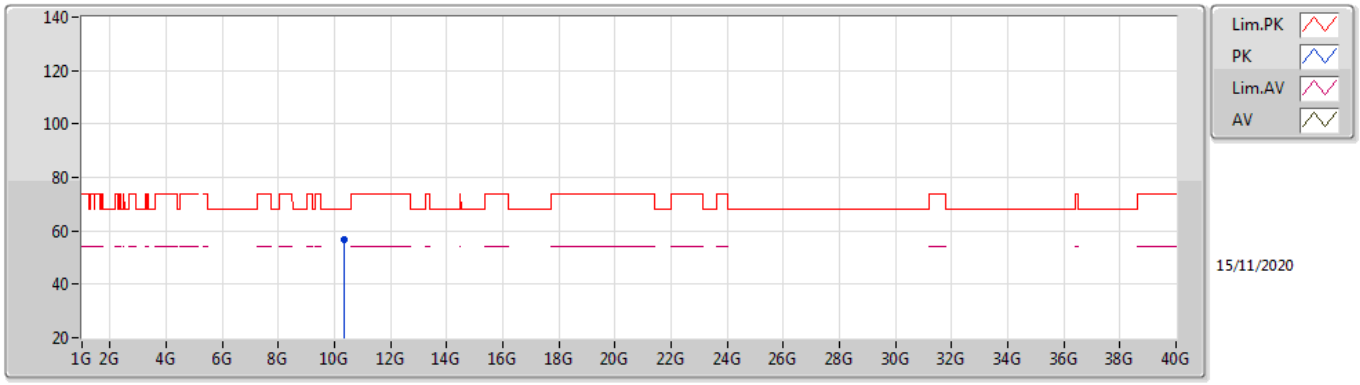
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1466G	52.76	54.00	-1.24	9.58	3	Horizontal	69	1.00	-	43.18	31.99	6.77	29.18
AV	5.1712G	110.48	Inf	-Inf	9.53	3	Horizontal	69	1.00	-	100.95	31.92	6.79	29.18
PK	5.1464G	67.25	74.00	-6.75	9.58	3	Horizontal	69	1.00	-	57.67	31.99	6.77	29.18
PK	5.1764G	120.34	Inf	-Inf	9.50	3	Horizontal	69	1.00	-	110.84	31.89	6.79	29.18

802.11ax HEW20_Nss1,(MCS0)_4TX

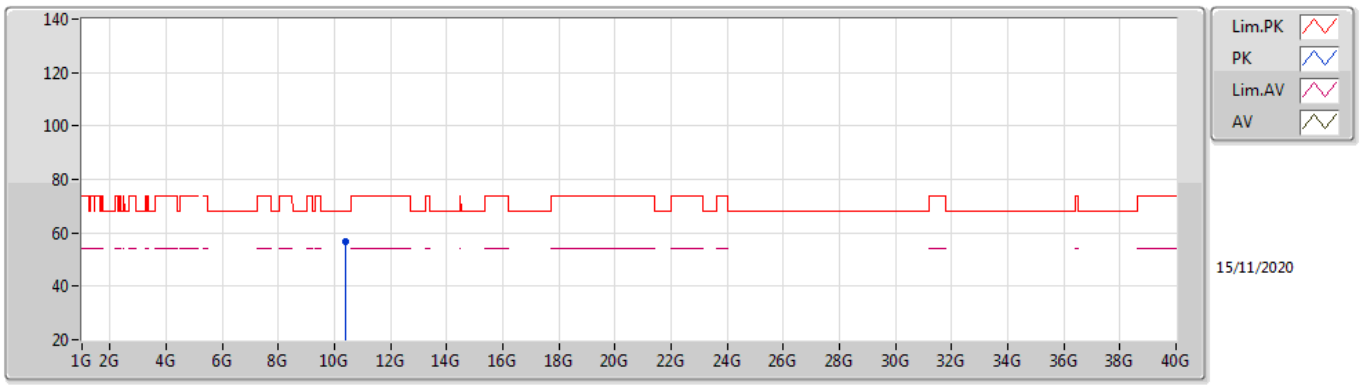
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.35472G	56.91	68.20	-11.29	18.03	3	Vertical	118	1.50	-	38.88	39.42	8.96	30.35

802.11ax HEW20_Nss1,(MCS0)_4TX

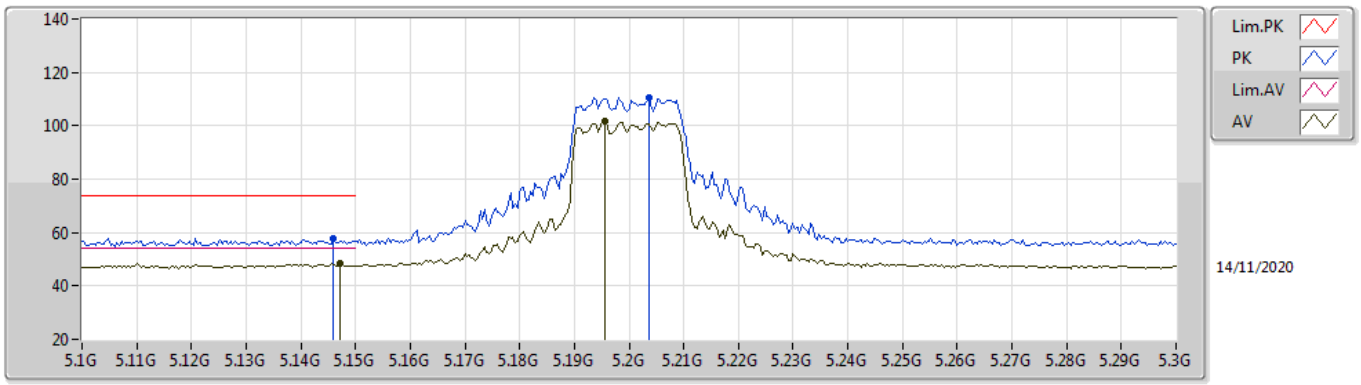
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.37188G	56.66	68.20	-11.54	18.11	3	Horizontal	92	1.86	-	38.55	39.49	8.97	30.35

802.11ax HEW20_Nss1,(MCS0)_4TX

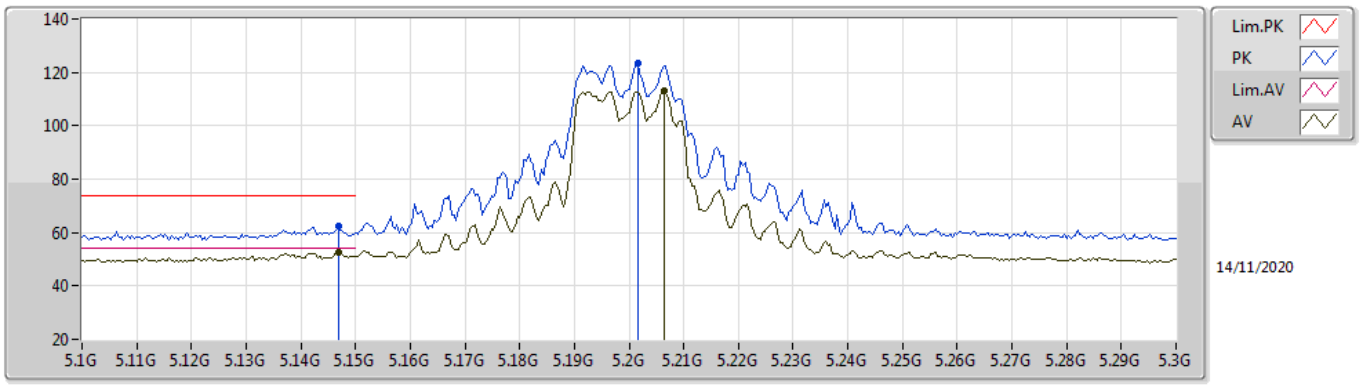
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1472G	48.31	54.00	-5.69	9.58	3	Vertical	181	2.96	-	38.73	31.99	6.77	29.18
AV	5.1956G	101.58	Inf	-Inf	9.44	3	Vertical	181	2.96	-	92.14	31.82	6.80	29.18
PK	5.146G	57.90	74.00	-16.10	9.58	3	Vertical	181	2.96	-	48.32	31.99	6.77	29.18
PK	5.2036G	110.59	Inf	-Inf	9.39	3	Vertical	181	2.96	-	101.20	31.77	6.80	29.18

802.11ax HEW20_Nss1,(MCS0)_4TX

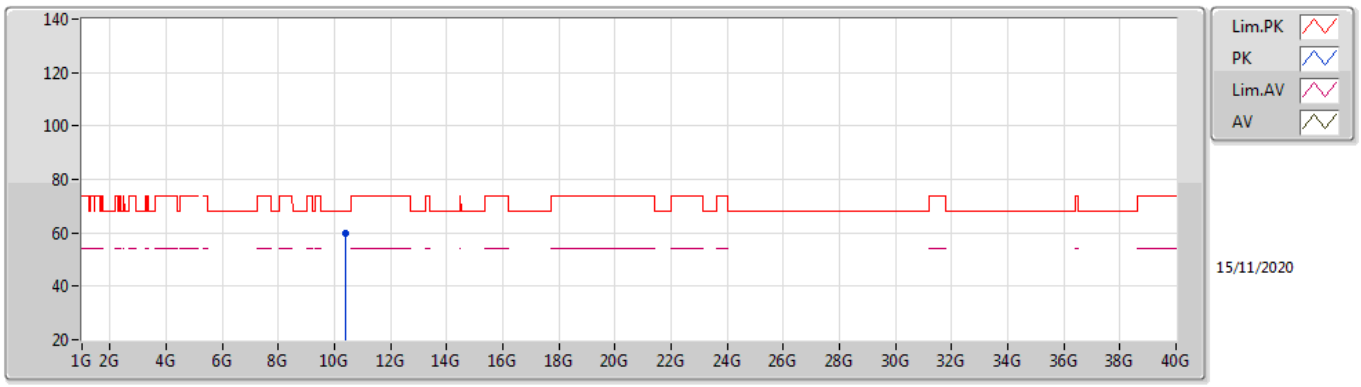
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1468G	52.46	54.00	-1.54	9.58	3	Horizontal	61	1.00	-	42.88	31.99	6.77	29.18
AV	5.2064G	112.87	Inf	-Inf	9.37	3	Horizontal	61	1.00	-	103.50	31.75	6.80	29.18
PK	5.1468G	62.50	74.00	-11.50	9.58	3	Horizontal	61	1.00	-	52.92	31.99	6.77	29.18
PK	5.2016G	123.27	Inf	-Inf	9.41	3	Horizontal	61	1.00	-	113.86	31.79	6.80	29.18

802.11ax HEW20_Nss1,(MCS0)_4TX

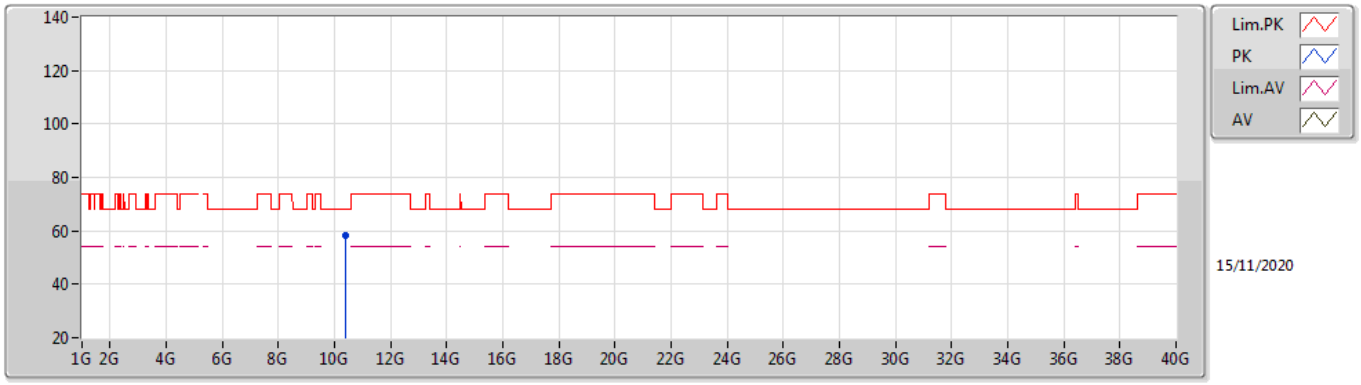
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.40324G	59.59	68.20	-8.61	18.22	3	Vertical	121	2.02	-	41.37	39.60	8.98	30.36

802.11ax HEW20_Nss1,(MCS0)_4TX

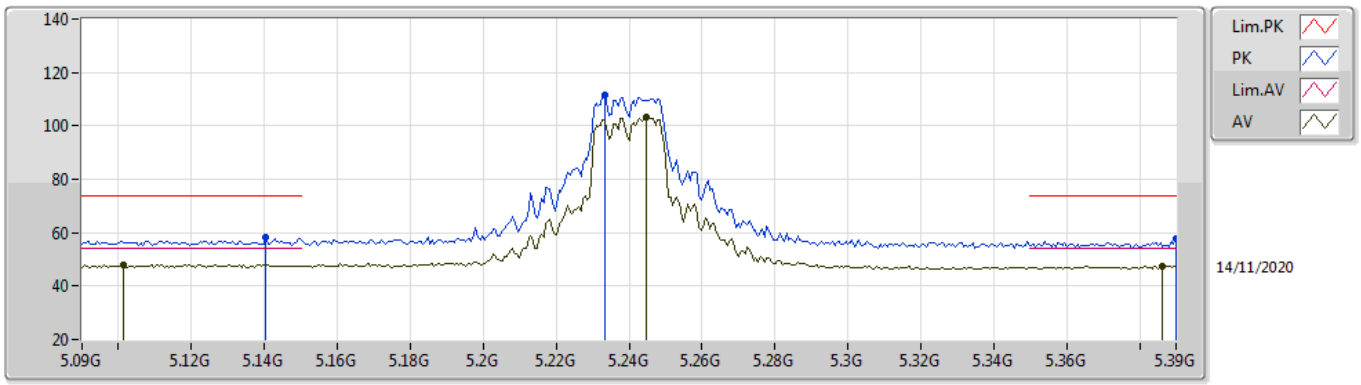
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.39052G	58.33	68.20	-9.87	18.18	3	Horizontal	142	2.99	-	40.15	39.56	8.98	30.36

802.11ax HEW20_Nss1,(MCS0)_4TX

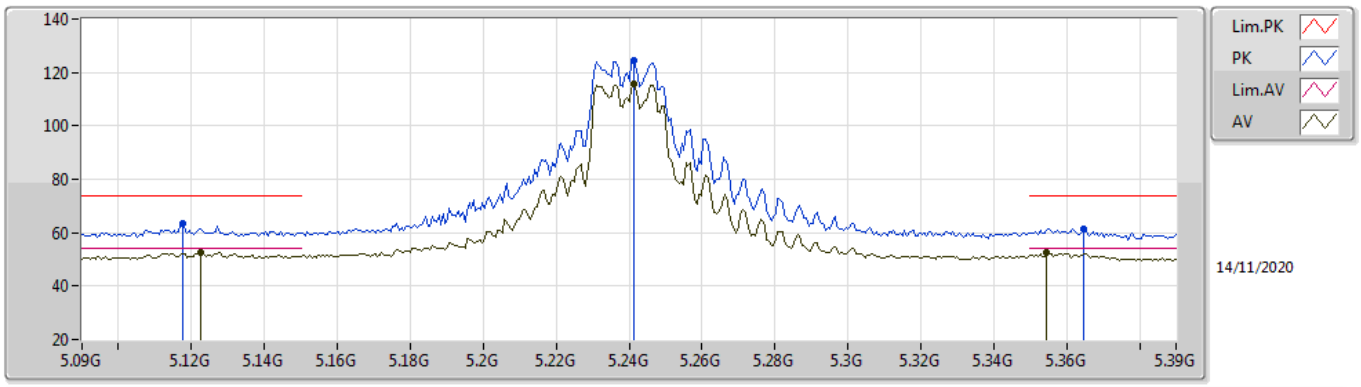
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1014G	48.12	54.00	-5.88	9.47	3	Vertical	215	2.50	-	38.65	31.90	6.75	29.18
AV	5.2448G	103.29	Inf	-Inf	9.06	3	Vertical	215	2.50	-	94.23	31.44	6.80	29.18
AV	5.3864G	47.52	54.00	-6.48	9.00	3	Vertical	215	2.50	-	38.52	31.39	6.80	29.19
PK	5.1404G	58.15	74.00	-15.85	9.57	3	Vertical	215	2.50	-	48.58	31.98	6.77	29.18
PK	5.2334G	111.53	Inf	-Inf	9.15	3	Vertical	215	2.50	-	102.38	31.53	6.80	29.18
PK	5.39G	57.88	74.00	-16.12	9.03	3	Vertical	215	2.50	-	48.85	31.42	6.80	29.19

802.11ax HEW20_Nss1,(MCS0)_4TX

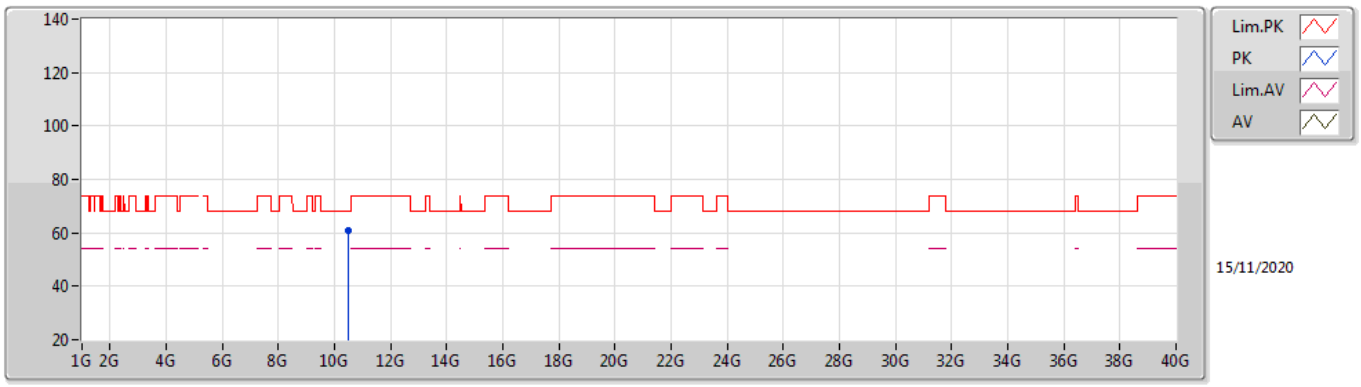
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1224G	52.72	54.00	-1.28	9.52	3	Horizontal	68	1.02	-	43.20	31.94	6.76	29.18
AV	5.2412G	115.61	Inf	-Inf	9.09	3	Horizontal	68	1.02	-	106.52	31.47	6.80	29.18
AV	5.3546G	52.35	54.00	-1.65	8.75	3	Horizontal	68	1.02	-	43.60	31.14	6.80	29.19
PK	5.1176G	63.28	74.00	-10.72	9.52	3	Horizontal	68	1.02	-	53.76	31.94	6.76	29.18
PK	5.2412G	124.56	Inf	-Inf	9.09	3	Horizontal	68	1.02	-	115.47	31.47	6.80	29.18
PK	5.3648G	61.56	74.00	-12.44	8.83	3	Horizontal	68	1.02	-	52.73	31.22	6.80	29.19

802.11ax HEW20_Nss1,(MCS0)_4TX

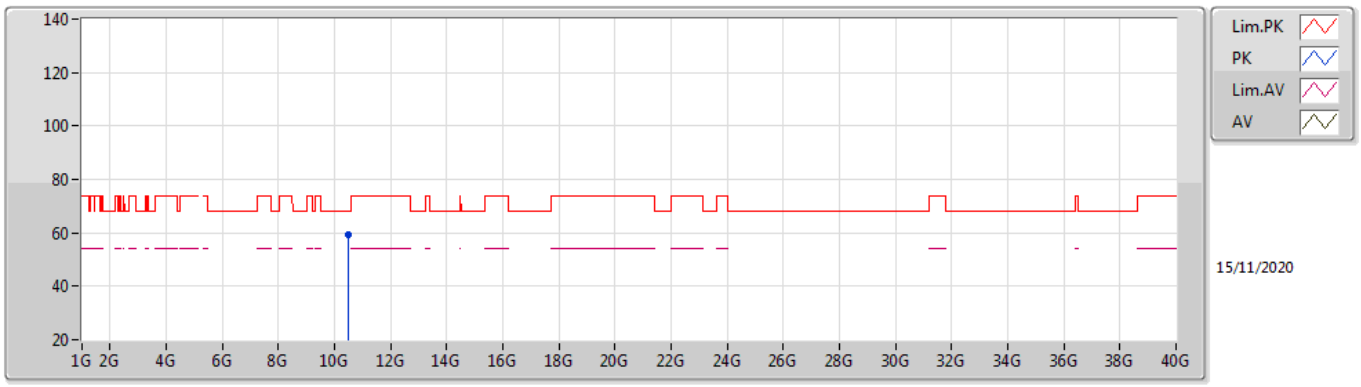
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.48102G	60.93	68.20	-7.27	18.32	3	Vertical	125	1.88	-	42.61	39.68	9.02	30.38

802.11ax HEW20_Nss1,(MCS0)_4TX

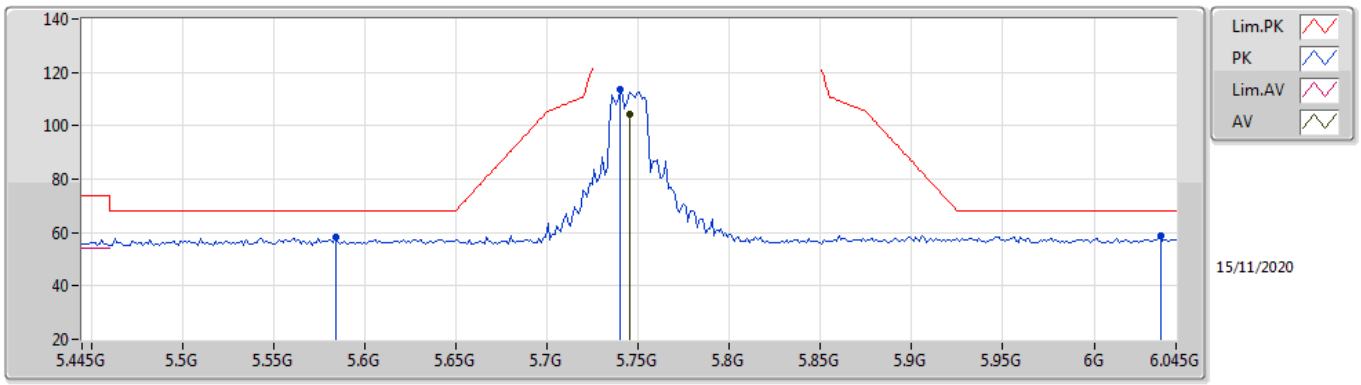
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.48102G	59.26	68.20	-8.94	18.32	3	Horizontal	137	2.99	-	40.94	39.68	9.02	30.38

802.11ax HEW20_Nss1,(MCS0)_4TX

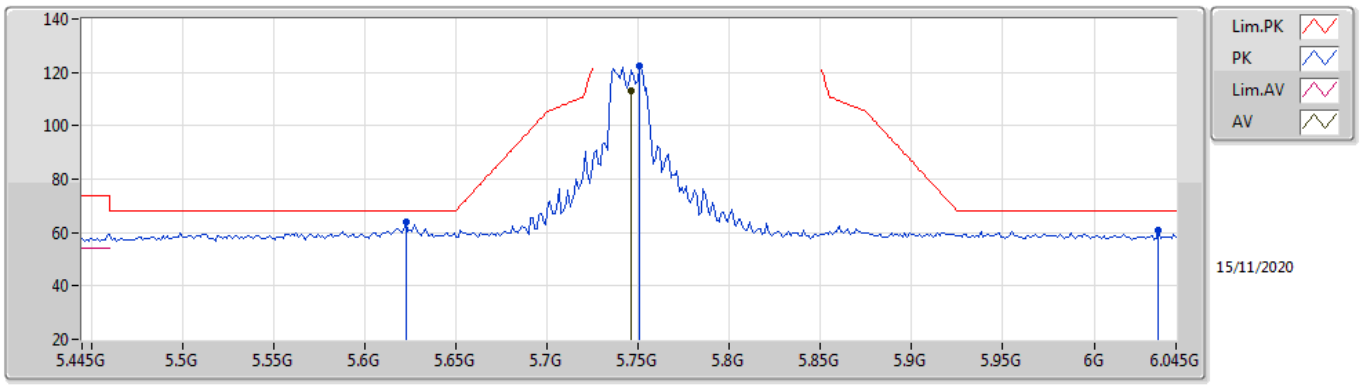
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.745G	104.31	Inf	-Inf	9.68	3	Vertical	132	3.00	-	94.63	31.99	6.97	29.28
PK	5.5842G	58.02	68.20	-10.18	9.53	3	Vertical	132	3.00	-	48.49	31.87	6.89	29.23
PK	5.7402G	113.84	Inf	-Inf	9.67	3	Vertical	132	3.00	-	104.17	31.98	6.97	29.28
PK	6.0366G	58.64	68.20	-9.56	10.25	3	Vertical	132	3.00	-	48.39	32.52	7.12	29.39

802.11ax HEW20_Nss1,(MCS0)_4TX

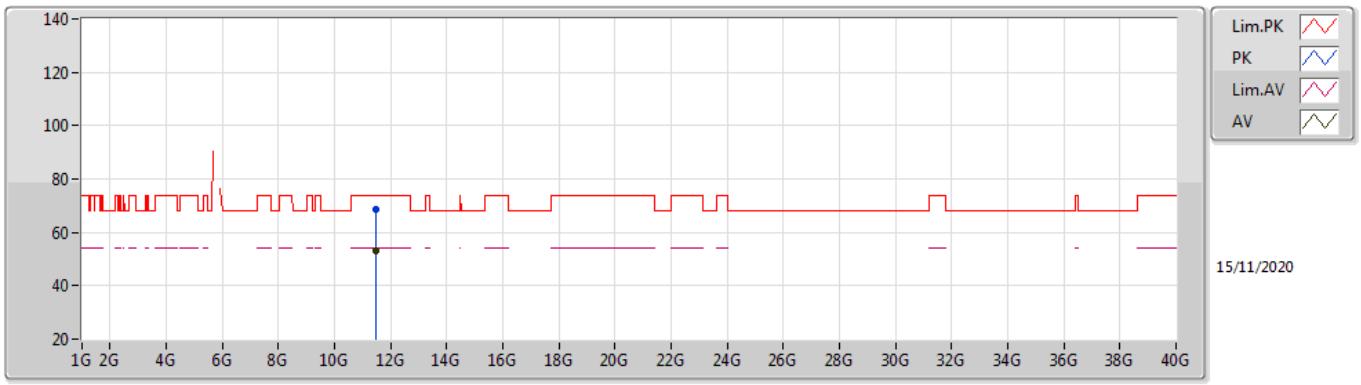
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7462G	112.97	Inf	-Inf	9.68	3	Horizontal	65	2.13	-	103.29	31.99	6.97	29.28
PK	5.6226G	63.74	68.20	-4.46	9.48	3	Horizontal	65	2.13	-	54.26	31.81	6.91	29.24
PK	5.751G	122.58	Inf	-Inf	9.69	3	Horizontal	65	2.13	-	112.89	32.00	6.98	29.29
PK	6.0354G	60.81	68.20	-7.39	10.24	3	Horizontal	65	2.13	-	50.57	32.51	7.12	29.39

802.11ax HEW20_Nss1,(MCS0)_4TX

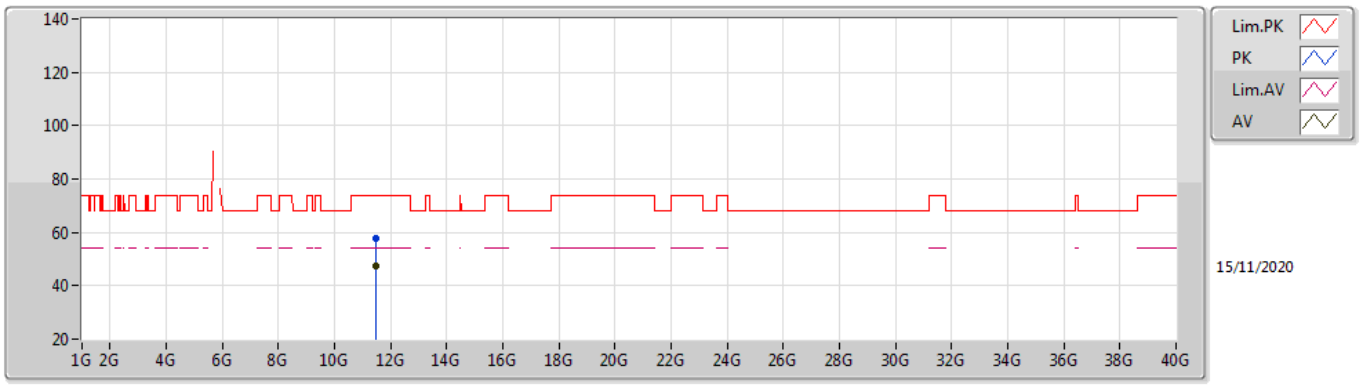
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.48488G	52.88	54.00	-1.12	19.07	3	Vertical	269	1.00	-	33.81	39.98	9.47	30.38
PK	11.48496G	68.52	74.00	-5.48	19.07	3	Vertical	269	1.00	-	49.45	39.98	9.47	30.38

802.11ax HEW20_Nss1,(MCS0)_4TX

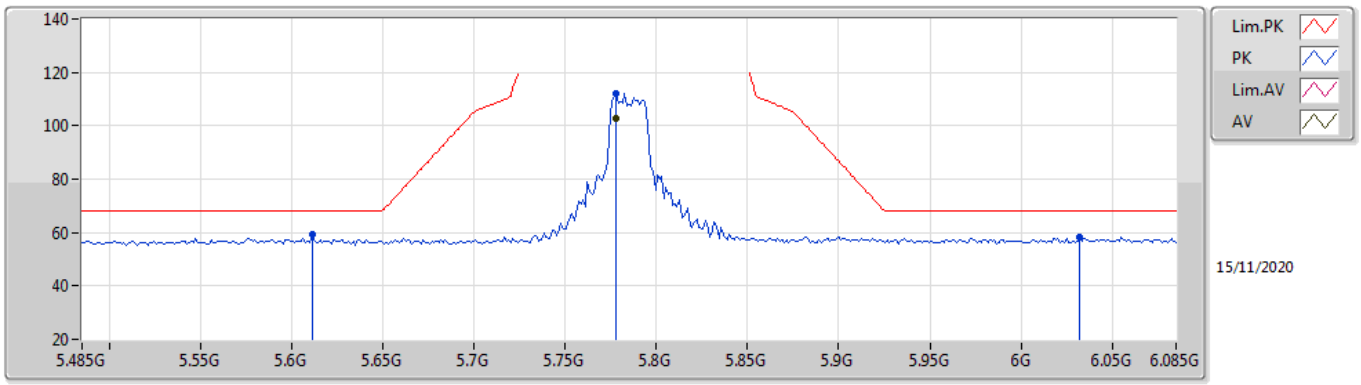
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.474G	47.38	54.00	-6.62	19.05	3	Horizontal	255	2.05	-	28.33	39.97	9.46	30.38
PK	11.472G	57.53	74.00	-16.47	19.05	3	Horizontal	255	2.05	-	38.48	39.97	9.46	30.38

802.11ax HEW20_Nss1,(MCS0)_4TX

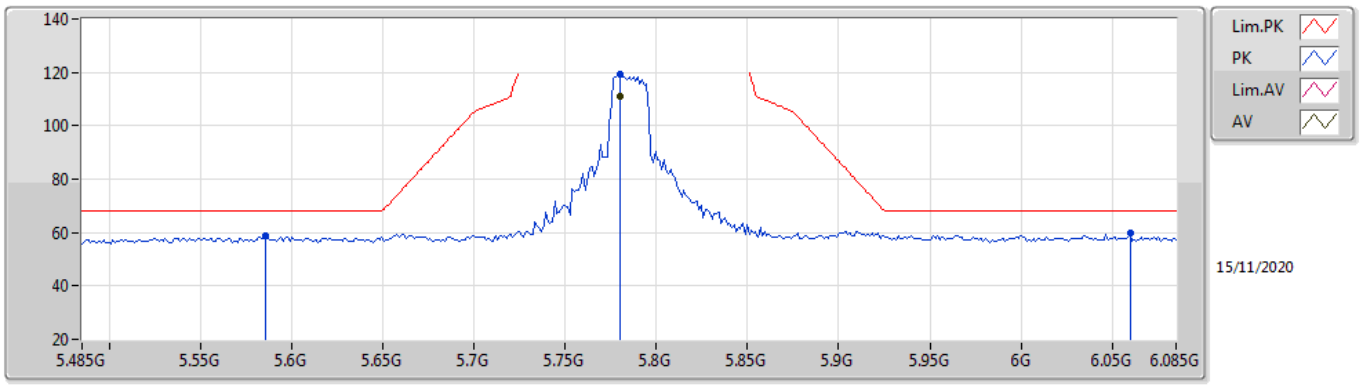
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7778G	102.94	Inf	-Inf	9.70	3	Vertical	189	2.97	-	93.24	32.00	6.99	29.29
PK	5.611G	59.15	68.20	-9.05	9.53	3	Vertical	189	2.97	-	49.62	31.86	6.91	29.24
PK	5.7778G	112.20	Inf	-Inf	9.70	3	Vertical	189	2.97	-	102.50	32.00	6.99	29.29
PK	6.0322G	58.33	68.20	-9.87	10.22	3	Vertical	189	2.97	-	48.11	32.49	7.12	29.39

802.11ax HEW20_Nss1,(MCS0)_4TX

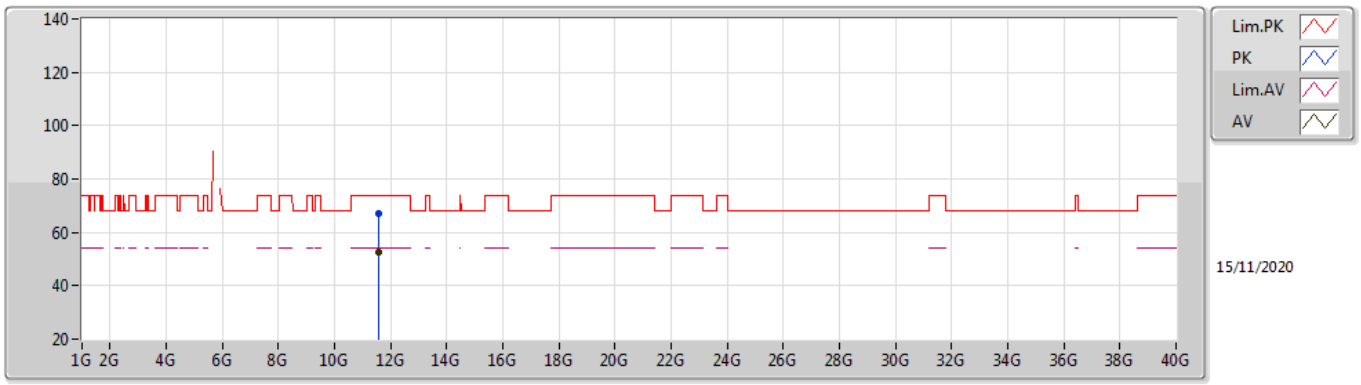
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7802G	110.98	Inf	-Inf	9.69	3	Horizontal	31	2.18	-	101.29	32.00	6.99	29.30
PK	5.5858G	58.96	68.20	-9.24	9.53	3	Horizontal	31	2.18	-	49.43	31.87	6.89	29.23
PK	5.7802G	119.16	Inf	-Inf	9.69	3	Horizontal	31	2.18	-	109.47	32.00	6.99	29.30
PK	6.0598G	59.73	68.20	-8.47	10.31	3	Horizontal	31	2.18	-	49.42	32.58	7.13	29.40

802.11ax HEW20_Nss1,(MCS0)_4TX

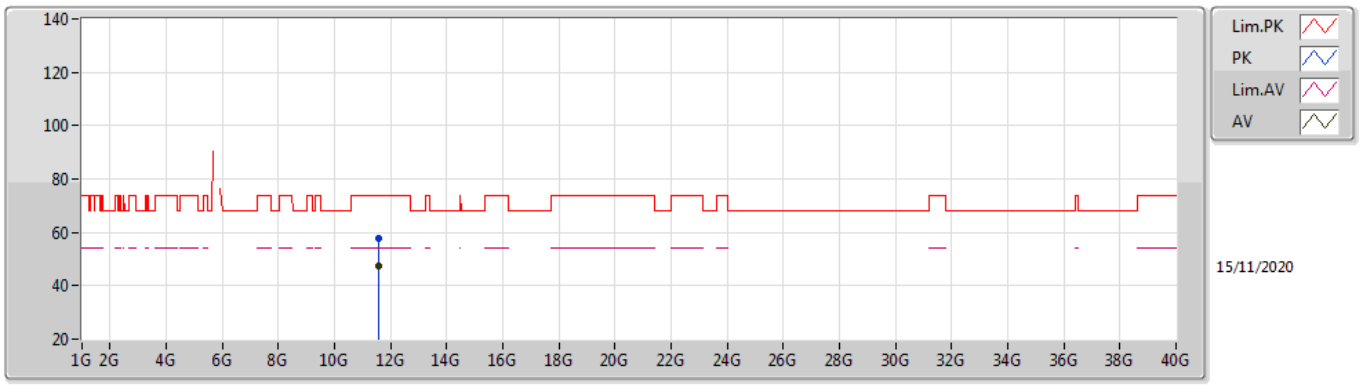
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5708G	52.39	54.00	-1.61	19.08	3	Vertical	270	1.00	-	33.31	39.93	9.51	30.36
PK	11.56504G	67.12	74.00	-6.88	19.07	3	Vertical	270	1.00	-	48.05	39.93	9.50	30.36

802.11ax HEW20_Nss1,(MCS0)_4TX

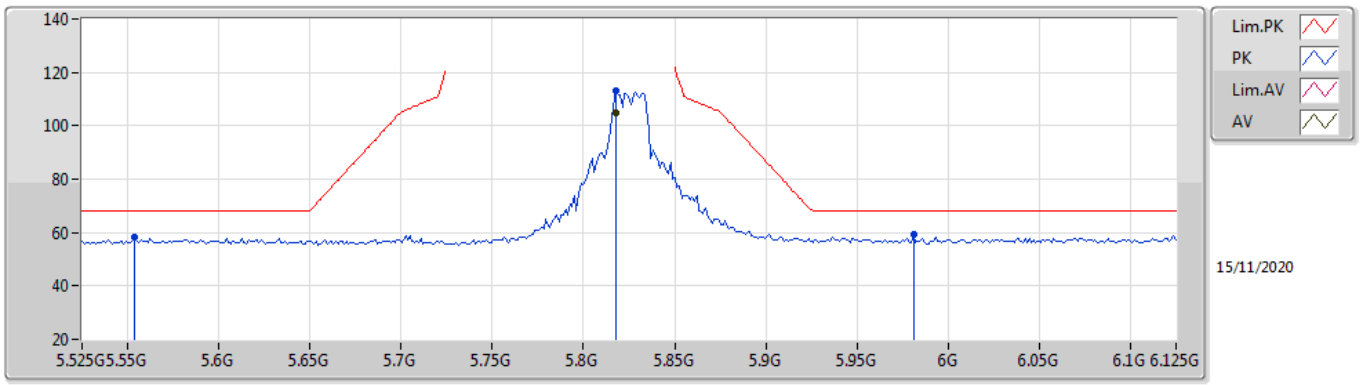
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57688G	47.37	54.00	-6.63	19.08	3	Horizontal	268	1.50	-	28.29	39.92	9.51	30.35
PK	11.58064G	57.92	74.00	-16.08	19.08	3	Horizontal	268	1.50	-	38.84	39.92	9.51	30.35

802.11ax HEW20_Nss1,(MCS0)_4TX

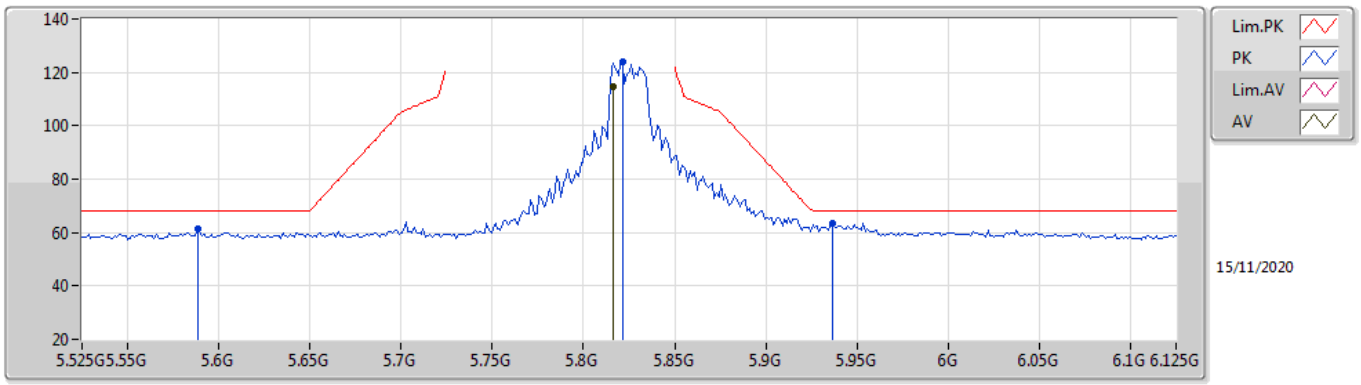
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8178G	104.59	Inf	-Inf	9.74	3	Vertical	38	3.00	-	94.85	32.04	7.01	29.31
PK	5.5538G	58.13	68.20	-10.07	9.47	3	Vertical	38	3.00	-	48.66	31.81	6.88	29.22
PK	5.8178G	113.25	Inf	-Inf	9.74	3	Vertical	38	3.00	-	103.51	32.04	7.01	29.31
PK	5.981G	59.34	68.20	-8.86	10.07	3	Vertical	38	3.00	-	49.27	32.34	7.09	29.36

802.11ax HEW20_Nss1,(MCS0)_4TX

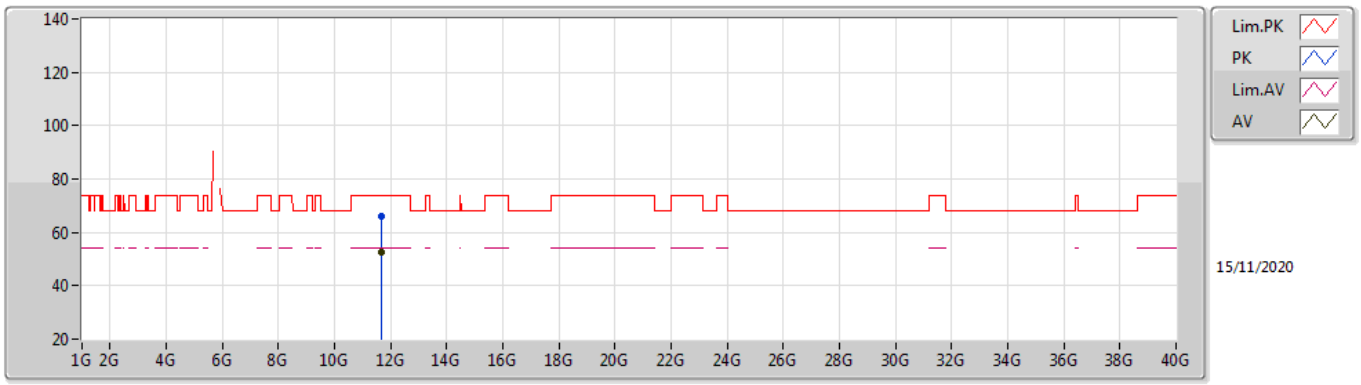
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8166G	114.60	Inf	-Inf	9.73	3	Horizontal	70	1.05	-	104.87	32.03	7.01	29.31
PK	5.5886G	61.17	68.20	-7.03	9.54	3	Horizontal	70	1.05	-	51.63	31.88	6.89	29.23
PK	5.8214G	124.18	Inf	-Inf	9.74	3	Horizontal	70	1.05	-	114.44	32.04	7.01	29.31
PK	5.9366G	63.47	68.20	-4.73	10.07	3	Horizontal	70	1.05	-	53.40	32.35	7.07	29.35

802.11ax HEW20_Nss1,(MCS0)_4TX

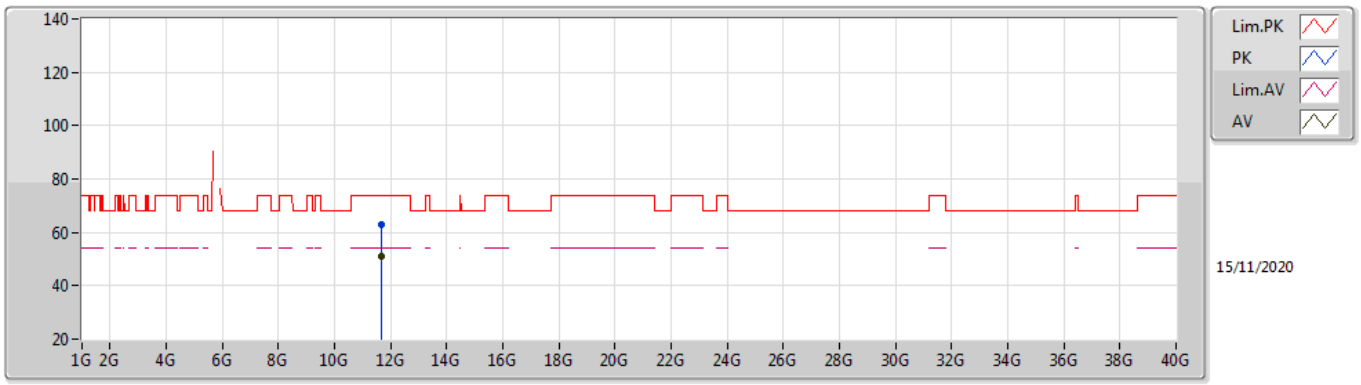
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64952G	52.49	54.00	-1.51	18.81	3	Vertical	221	1.12	-	33.68	39.60	9.54	30.33
PK	11.6504G	66.14	74.00	-7.86	18.81	3	Vertical	221	1.12	-	47.33	39.60	9.54	30.33

802.11ax HEW20_Nss1,(MCS0)_4TX

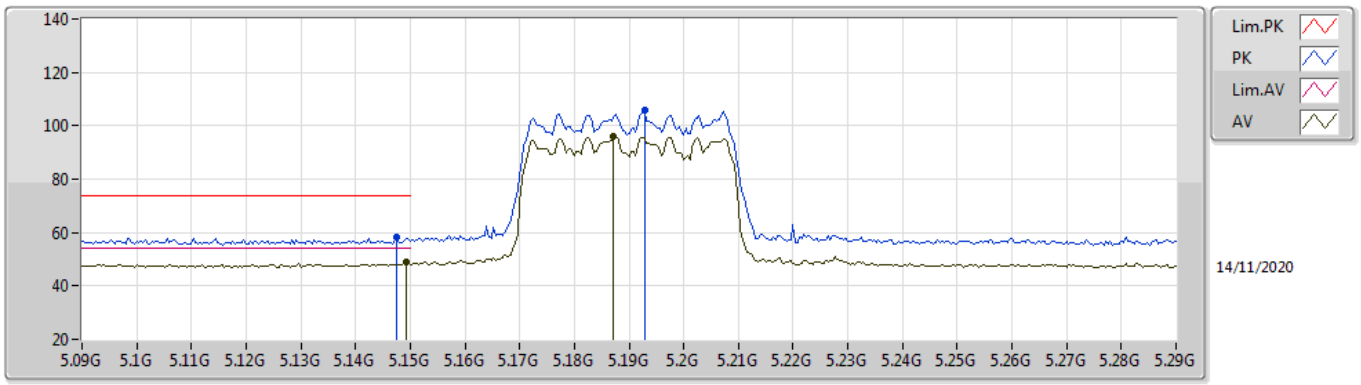
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.64952G	51.23	54.00	-2.77	18.81	3	Horizontal	136	1.64	-	32.42	39.60	9.54	30.33
PK	11.648G	63.16	74.00	-10.84	18.82	3	Horizontal	136	1.64	-	44.34	39.61	9.54	30.33

802.11ax HEW40_Nss1,(MCS0)_4TX

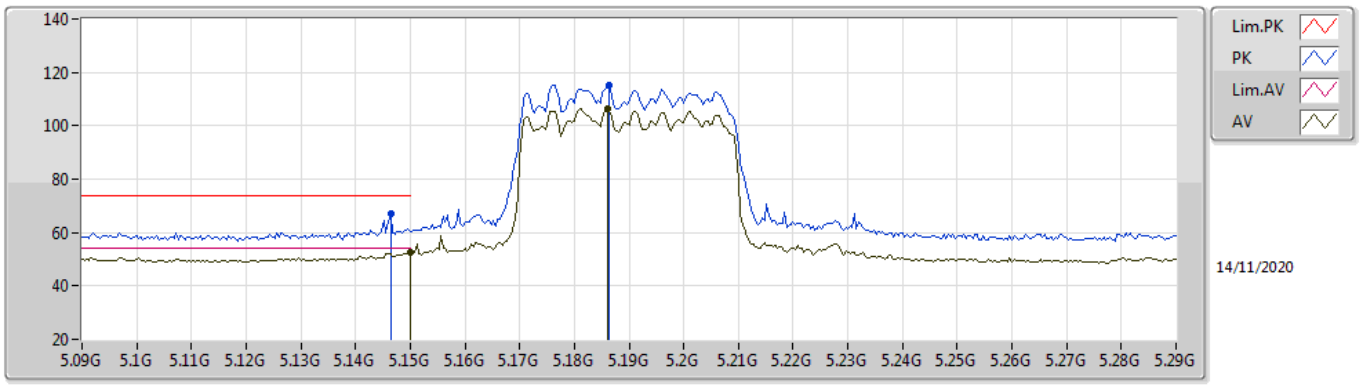
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	49.01	54.00	-4.99	9.59	3	Vertical	20	2.99	-	39.42	32.00	6.77	29.18
AV	5.1872G	96.06	Inf	-Inf	9.46	3	Vertical	20	2.99	-	86.60	31.85	6.79	29.18
PK	5.1476G	58.34	74.00	-15.66	9.59	3	Vertical	20	2.99	-	48.75	32.00	6.77	29.18
PK	5.1928G	105.73	Inf	-Inf	9.45	3	Vertical	20	2.99	-	96.28	31.83	6.80	29.18

802.11ax HEW40_Nss1,(MCS0)_4TX

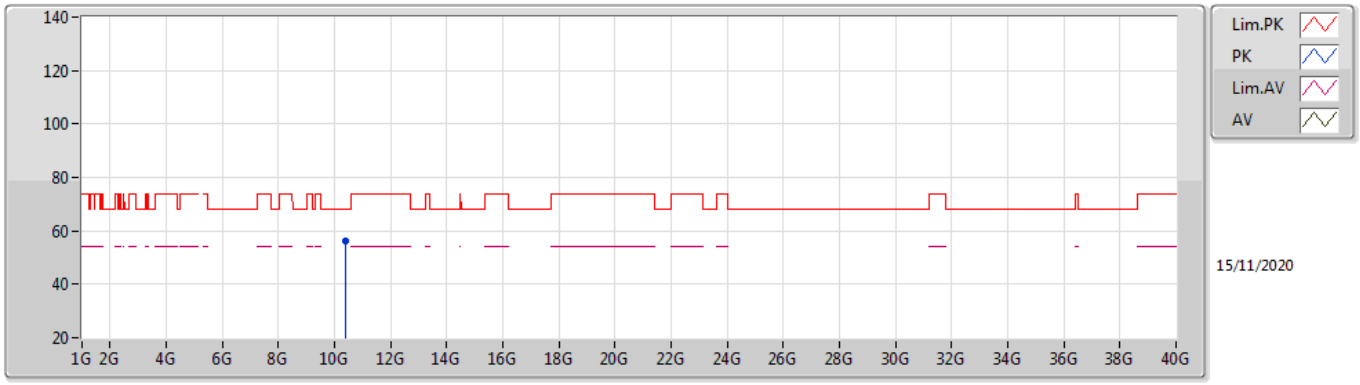
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.64	54.00	-1.36	9.60	3	Horizontal	80	2.19	-	43.04	32.00	6.78	29.18
AV	5.186G	106.51	Inf	-Inf	9.47	3	Horizontal	80	2.19	-	97.04	31.86	6.79	29.18
PK	5.1464G	66.91	74.00	-7.09	9.58	3	Horizontal	80	2.19	-	57.33	31.99	6.77	29.18
PK	5.1864G	115.24	Inf	-Inf	9.46	3	Horizontal	80	2.19	-	105.78	31.85	6.79	29.18

802.11ax HEW40_Nss1,(MCS0)_4TX

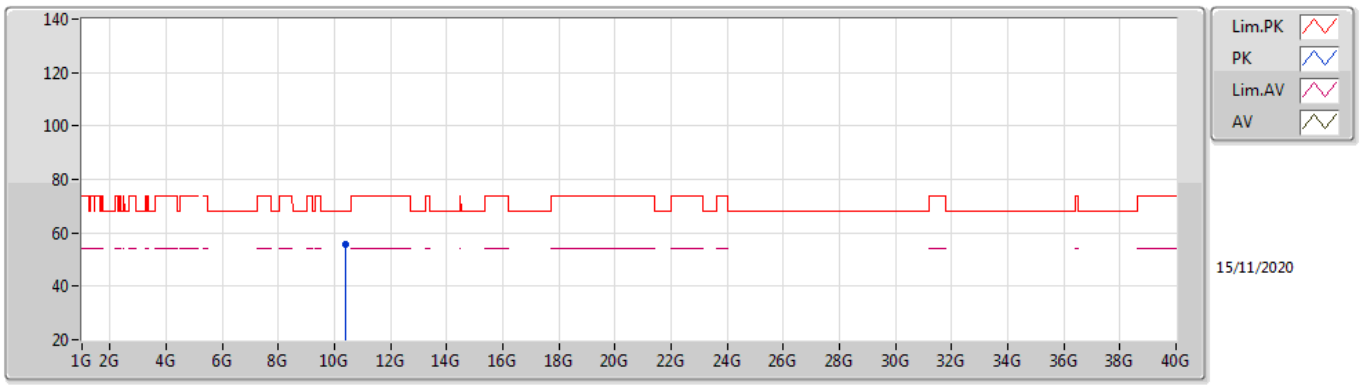
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3983G	56.03	68.20	-12.17	18.21	3	Vertical	127	1.71	-	37.82	39.59	8.98	30.36

802.11ax HEW40_Nss1,(MCS0)_4TX

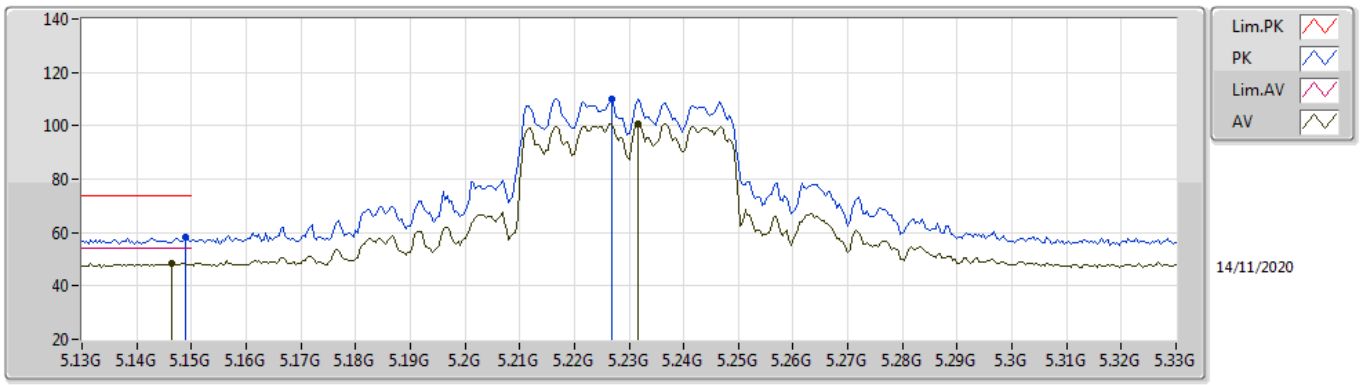
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4016G	55.88	68.20	-12.32	18.22	3	Horizontal	7	1.50	-	37.66	39.60	8.98	30.36

802.11ax HEW40_Nss1,(MCS0)_4TX

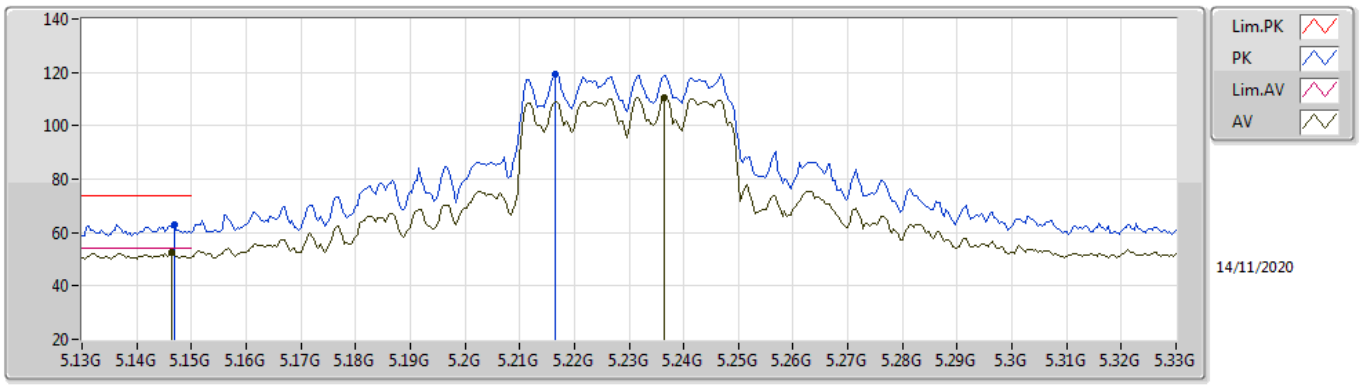
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	48.50	54.00	-5.50	9.58	3	Vertical	58	2.36	-	38.92	31.99	6.77	29.18
AV	5.2316G	100.86	Inf	-Inf	9.17	3	Vertical	58	2.36	-	91.69	31.55	6.80	29.18
PK	5.1488G	58.29	74.00	-15.71	9.59	3	Vertical	58	2.36	-	48.70	32.00	6.77	29.18
PK	5.2268G	110.18	Inf	-Inf	9.21	3	Vertical	58	2.36	-	100.97	31.59	6.80	29.18

802.11ax HEW40_Nss1,(MCS0)_4TX

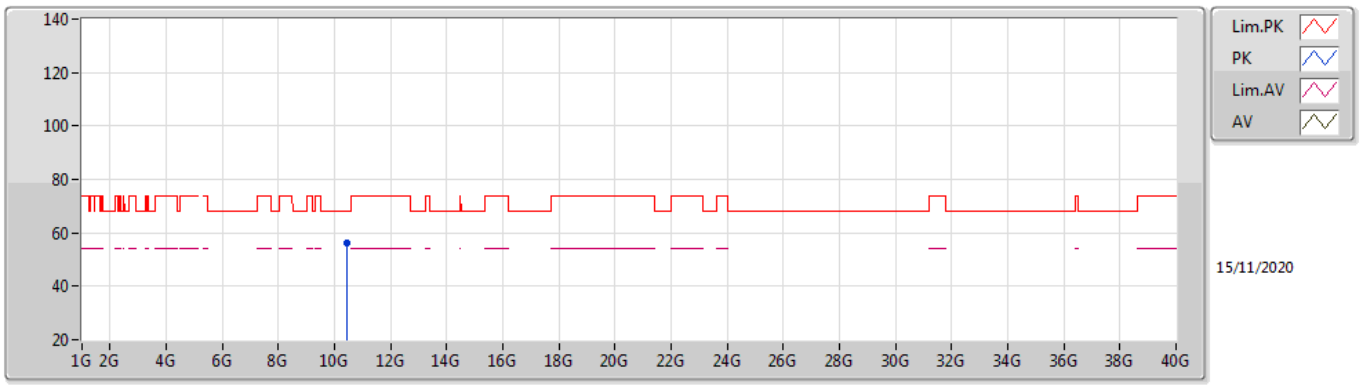
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1464G	52.39	54.00	-1.61	9.58	3	Horizontal	58	2.24	-	42.81	31.99	6.77	29.18
AV	5.2364G	110.77	Inf	-Inf	9.13	3	Horizontal	58	2.24	-	101.64	31.51	6.80	29.18
PK	5.1468G	63.18	74.00	-10.82	9.58	3	Horizontal	58	2.24	-	53.60	31.99	6.77	29.18
PK	5.2164G	119.42	Inf	-Inf	9.29	3	Horizontal	58	2.24	-	110.13	31.67	6.80	29.18

802.11ax HEW40_Nss1,(MCS0)_4TX

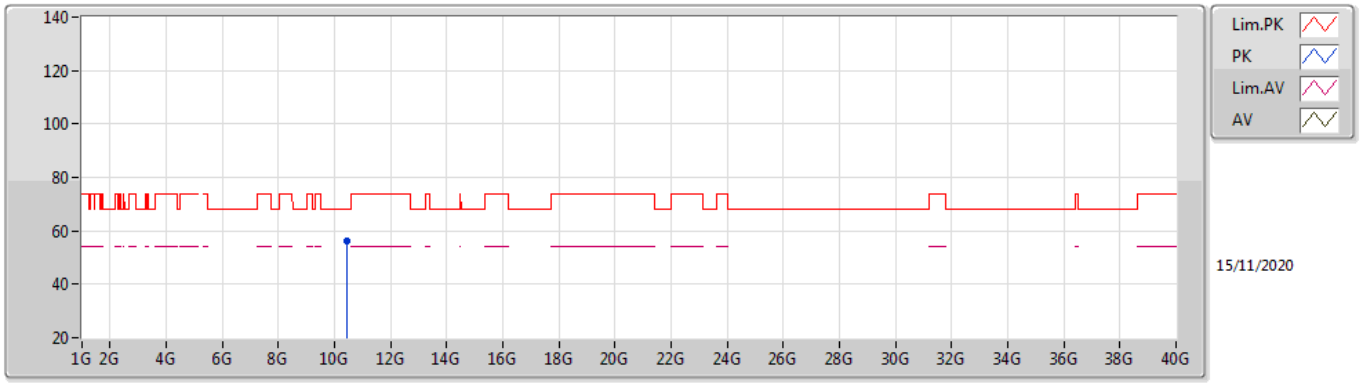
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4514G	56.44	68.20	-11.76	18.27	3	Vertical	351	2.21	-	38.17	39.65	9.00	30.38

802.11ax HEW40_Nss1,(MCS0)_4TX

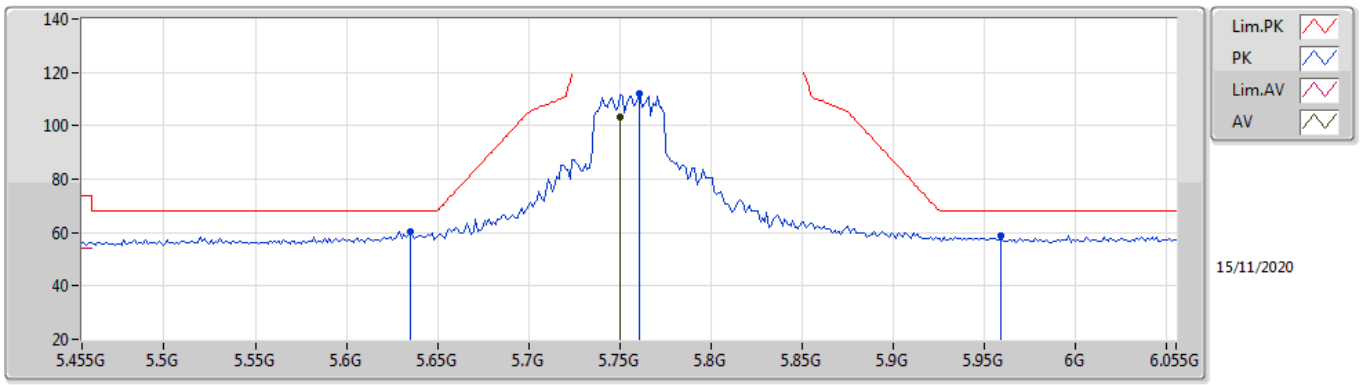
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.443G	56.11	68.20	-12.09	18.27	3	Horizontal	118	1.01	-	37.84	39.64	9.00	30.37

802.11ax HEW40_Nss1,(MCS0)_4TX

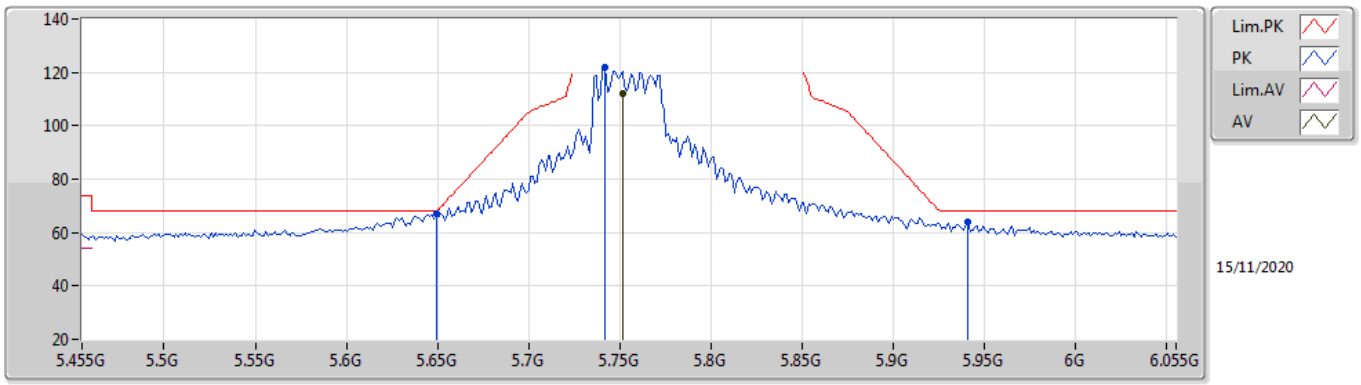
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7502G	103.21	Inf	-Inf	9.69	3	Vertical	133	3.00	-	93.52	32.00	6.98	29.29
PK	5.635G	60.25	68.20	-7.95	9.43	3	Vertical	133	3.00	-	50.82	31.76	6.92	29.25
PK	5.761G	112.06	Inf	-Inf	9.69	3	Vertical	133	3.00	-	102.37	32.00	6.98	29.29
PK	5.959G	58.59	68.20	-9.61	10.10	3	Vertical	133	3.00	-	48.49	32.38	7.08	29.36

802.11ax HEW40_Nss1,(MCS0)_4TX

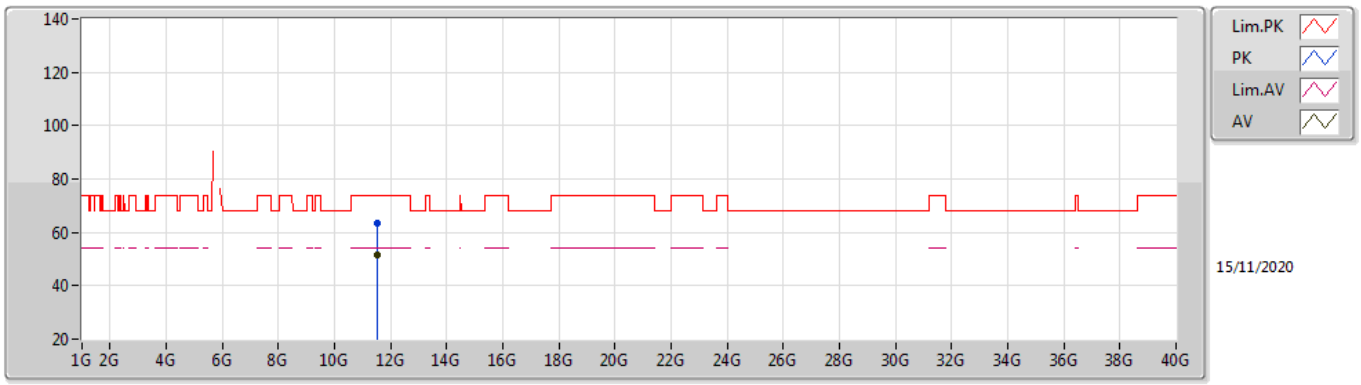
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7514G	112.01	Inf	-Inf	9.69	3	Horizontal	65	2.14	-	102.32	32.00	6.98	29.29
PK	5.6494G	66.87	68.20	-1.33	9.37	3	Horizontal	65	2.14	-	57.50	31.70	6.92	29.25
PK	5.7418G	121.83	Inf	-Inf	9.67	3	Horizontal	65	2.14	-	112.16	31.98	6.97	29.28
PK	5.941G	63.91	68.20	-4.29	10.08	3	Horizontal	65	2.14	-	53.83	32.36	7.07	29.35

802.11ax HEW40_Nss1,(MCS0)_4TX

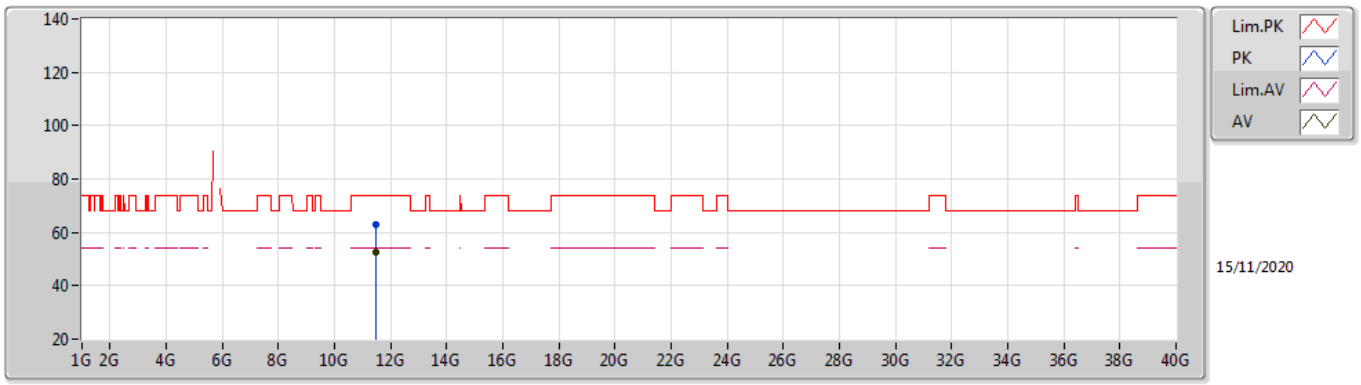
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5101G	51.74	54.00	-2.26	19.09	3	Vertical	226	1.39	-	32.65	39.99	9.48	30.38
PK	11.51G	63.38	74.00	-10.62	19.09	3	Vertical	226	1.39	-	44.29	39.99	9.48	30.38

802.11ax HEW40_Nss1,(MCS0)_4TX

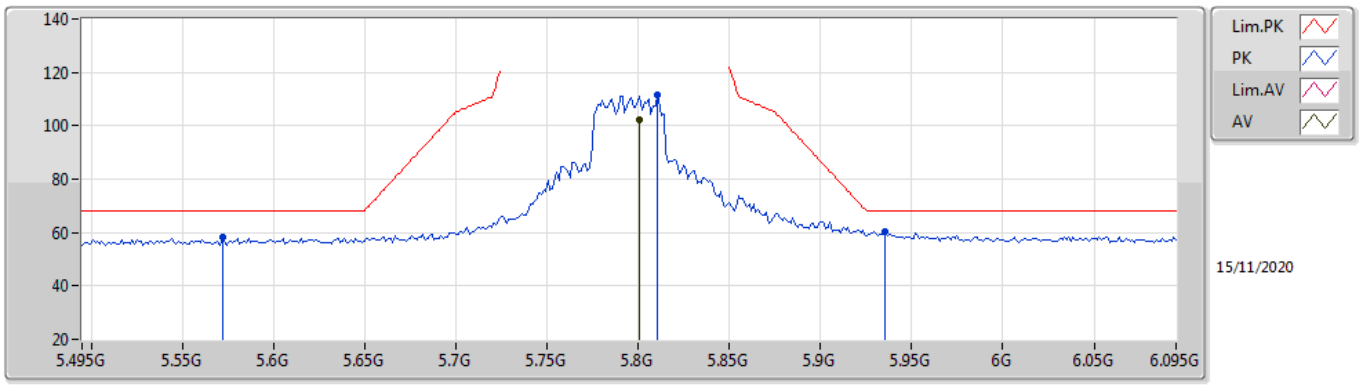
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4999G	52.70	54.00	-1.30	19.09	3	Horizontal	184	2.20	-	33.61	40.00	9.47	30.38
PK	11.4985G	62.75	74.00	-11.25	19.09	3	Horizontal	184	2.20	-	43.66	40.00	9.47	30.38

802.11ax HEW40_Nss1,(MCS0)_4TX

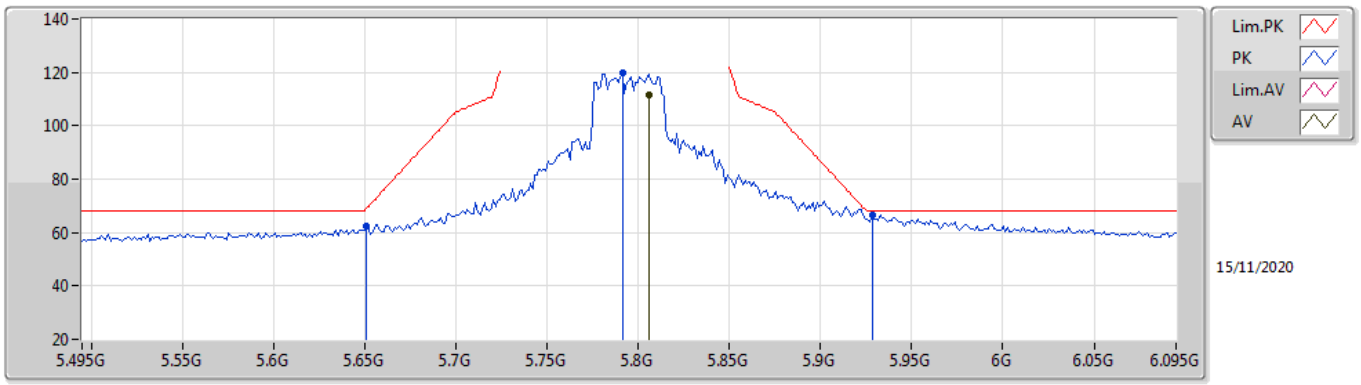
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.801G	102.50	Inf	-Inf	9.70	3	Vertical	132	2.97	-	92.80	32.00	7.00	29.30
PK	5.5718G	58.16	68.20	-10.04	9.51	3	Vertical	132	2.97	-	48.65	31.84	6.89	29.22
PK	5.8106G	111.59	Inf	-Inf	9.72	3	Vertical	132	2.97	-	101.87	32.02	7.01	29.31
PK	5.9354G	60.56	68.20	-7.64	10.06	3	Vertical	132	2.97	-	50.50	32.34	7.07	29.35

802.11ax HEW40_Nss1,(MCS0)_4TX

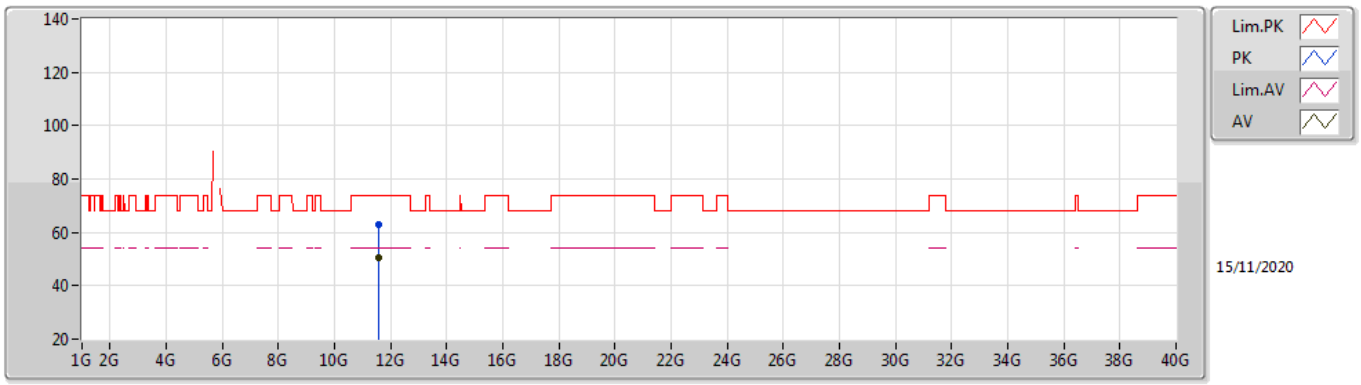
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8058G	111.81	Inf	-Inf	9.71	3	Horizontal	75	1.00	-	102.10	32.01	7.00	29.30
PK	5.651G	62.51	68.94	-6.43	9.38	3	Horizontal	75	1.00	-	53.13	31.70	6.93	29.25
PK	5.7914G	120.02	Inf	-Inf	9.70	3	Horizontal	75	1.00	-	110.32	32.00	7.00	29.30
PK	5.9282G	66.36	68.20	-1.84	10.02	3	Horizontal	75	1.00	-	56.34	32.31	7.06	29.35

802.11ax HEW40_Nss1,(MCS0)_4TX

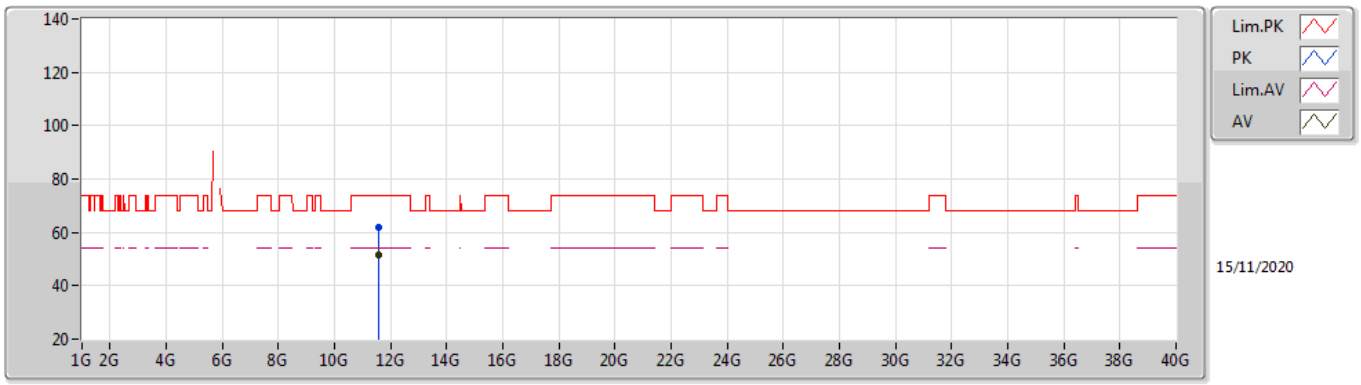
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58468G	50.71	54.00	-3.29	19.08	3	Vertical	227	1.46	-	31.63	39.92	9.51	30.35
PK	11.59014G	62.94	74.00	-11.06	19.08	3	Vertical	227	1.46	-	43.86	39.91	9.52	30.35

802.11ax HEW40_Nss1,(MCS0)_4TX

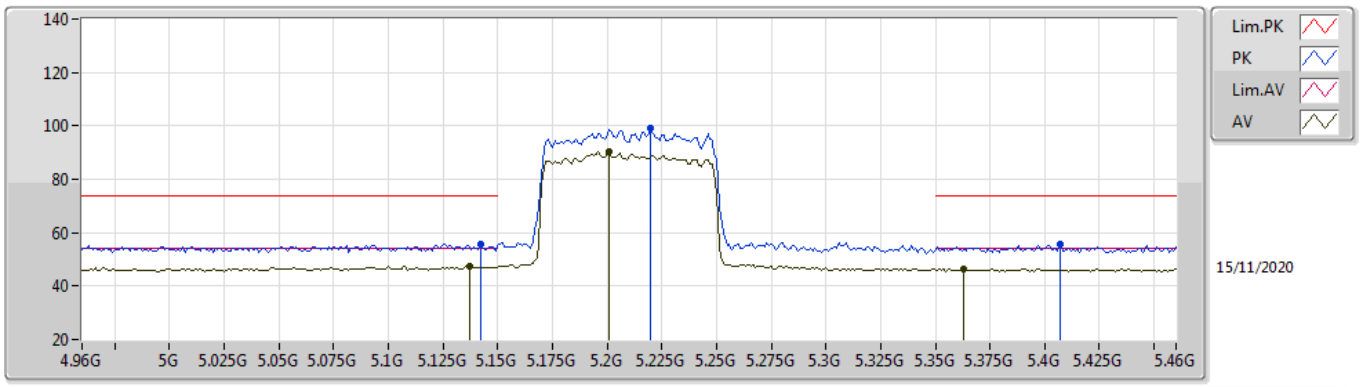
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.57992G	51.41	54.00	-2.59	19.08	3	Horizontal	183	2.33	-	32.33	39.92	9.51	30.35
PK	11.58006G	62.04	74.00	-11.96	19.08	3	Horizontal	183	2.33	-	42.96	39.92	9.51	30.35

802.11ax HEW80_Nss1,(MCS0)_4TX

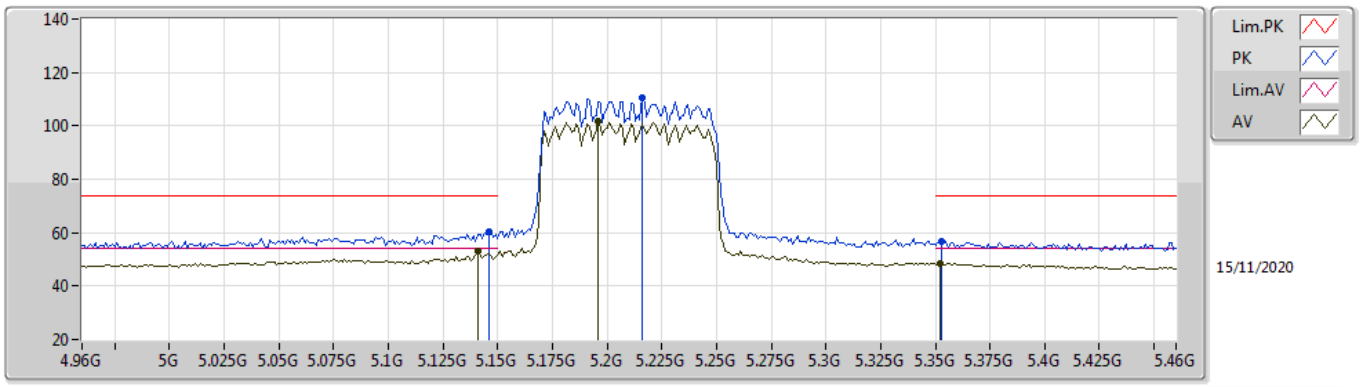
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.137G	47.30	54.00	-6.70	9.56	3	Vertical	216	3.00	-	37.74	31.97	6.77	29.18
AV	5.201G	90.44	Inf	-Inf	9.41	3	Vertical	216	3.00	-	81.03	31.79	6.80	29.18
AV	5.363G	46.58	54.00	-7.42	8.81	3	Vertical	216	3.00	-	37.77	31.20	6.80	29.19
PK	5.142G	55.85	74.00	-18.15	9.57	3	Vertical	216	3.00	-	46.28	31.98	6.77	29.18
PK	5.22G	99.38	Inf	-Inf	9.26	3	Vertical	216	3.00	-	90.12	31.64	6.80	29.18
PK	5.407G	55.76	74.00	-18.24	9.12	3	Vertical	216	3.00	-	46.64	31.51	6.80	29.19

802.11ax HEW80_Nss1,(MCS0)_4TX

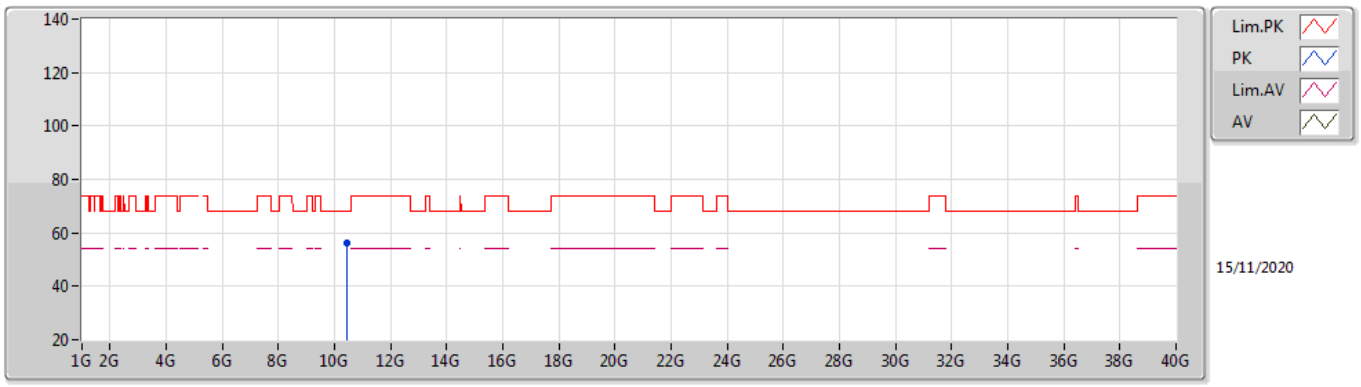
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.141G	52.96	54.00	-1.04	9.57	3	Horizontal	82	2.26	-	43.39	31.98	6.77	29.18
AV	5.196G	101.50	Inf	-Inf	9.44	3	Horizontal	82	2.26	-	92.06	31.82	6.80	29.18
AV	5.352G	48.58	54.00	-5.42	8.73	3	Horizontal	82	2.26	-	39.85	31.12	6.80	29.19
PK	5.146G	60.23	74.00	-13.77	9.58	3	Horizontal	82	2.26	-	50.65	31.99	6.77	29.18
PK	5.216G	110.57	Inf	-Inf	9.29	3	Horizontal	82	2.26	-	101.28	31.67	6.80	29.18
PK	5.353G	56.67	74.00	-17.33	8.73	3	Horizontal	82	2.26	-	47.94	31.12	6.80	29.19

802.11ax HEW80_Nss1,(MCS0)_4TX

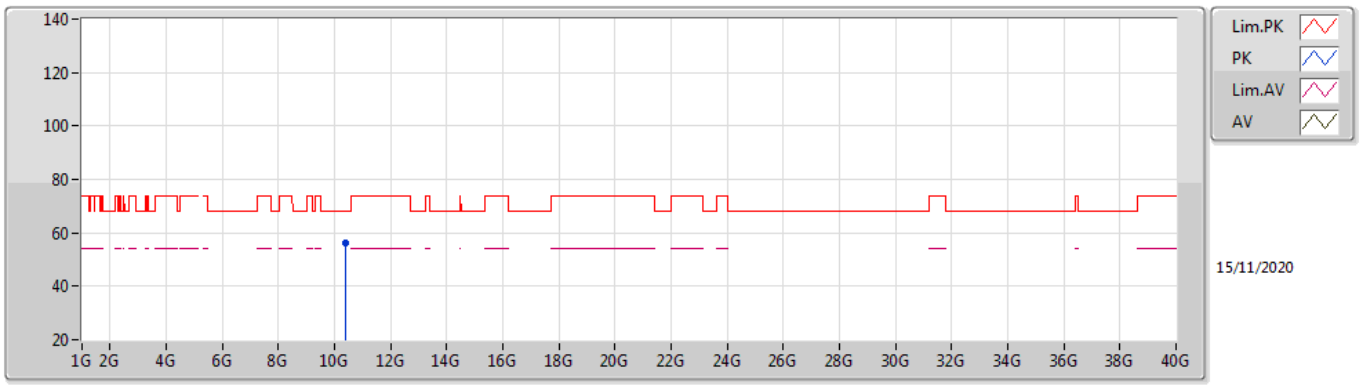
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4558G	55.98	68.20	-12.22	18.29	3	Vertical	57	1.89	-	37.69	39.66	9.01	30.38

802.11ax HEW80_Nss1,(MCS0)_4TX

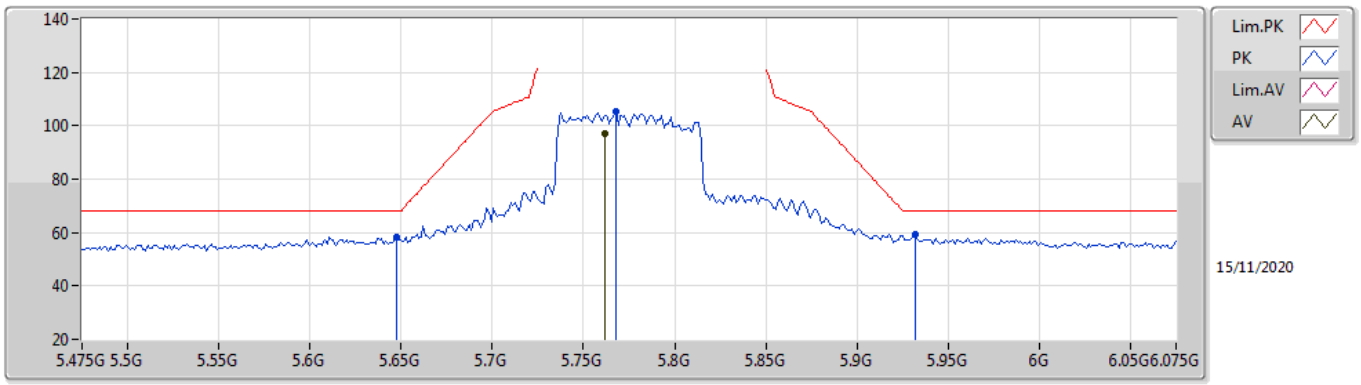
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4018G	56.04	68.20	-12.16	18.22	3	Horizontal	330	1.38	-	37.82	39.60	8.98	30.36

802.11ax HEW80_Nss1,(MCS0)_4TX

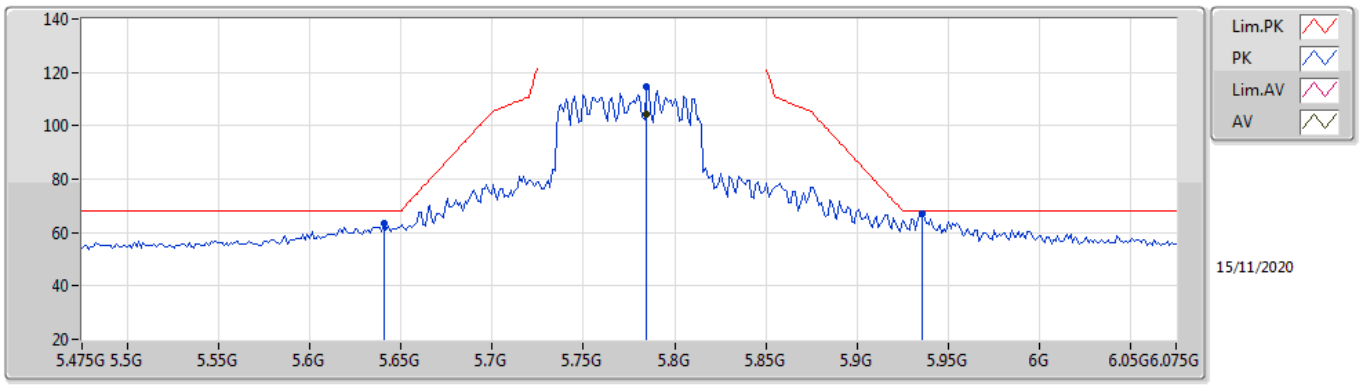
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7618G	96.97	Inf	-Inf	9.69	3	Vertical	186	2.97	-	87.28	32.00	6.98	29.29
PK	5.6478G	58.42	68.20	-9.78	9.38	3	Vertical	186	2.97	-	49.04	31.71	6.92	29.25
PK	5.7678G	105.45	Inf	-Inf	9.69	3	Vertical	186	2.97	-	95.76	32.00	6.98	29.29
PK	5.9322G	59.28	68.20	-8.92	10.05	3	Vertical	186	2.97	-	49.23	32.33	7.07	29.35

802.11ax HEW80_Nss1,(MCS0)_4TX

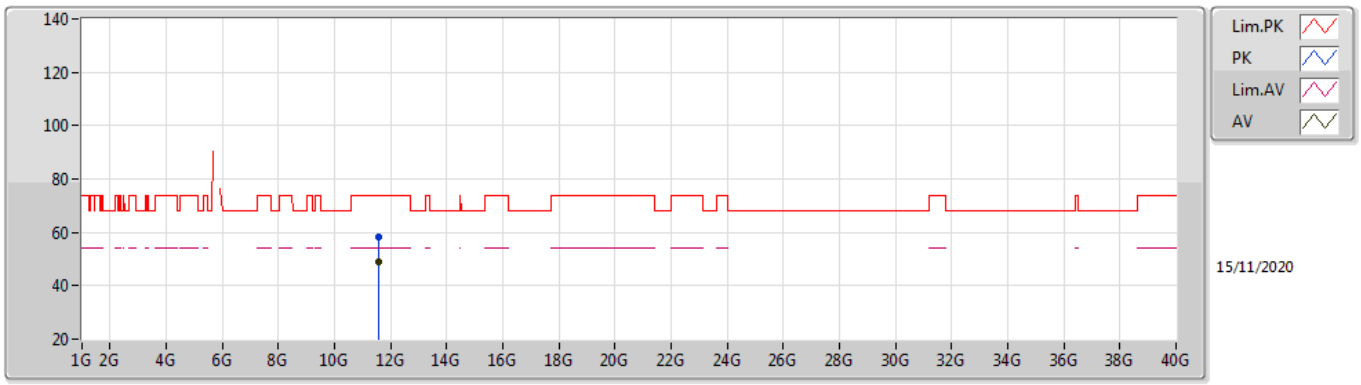
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7846G	104.26	Inf	-Inf	9.69	3	Horizontal	26	2.10	-	94.57	32.00	6.99	29.30
PK	5.6406G	63.57	68.20	-4.63	9.41	3	Horizontal	26	2.10	-	54.16	31.74	6.92	29.25
PK	5.7846G	114.60	Inf	-Inf	9.69	3	Horizontal	26	2.10	-	104.91	32.00	6.99	29.30
PK	5.9358G	67.17	68.20	-1.03	10.06	3	Horizontal	26	2.10	-	57.11	32.34	7.07	29.35

802.11ax HEW80_Nss1,(MCS0)_4TX

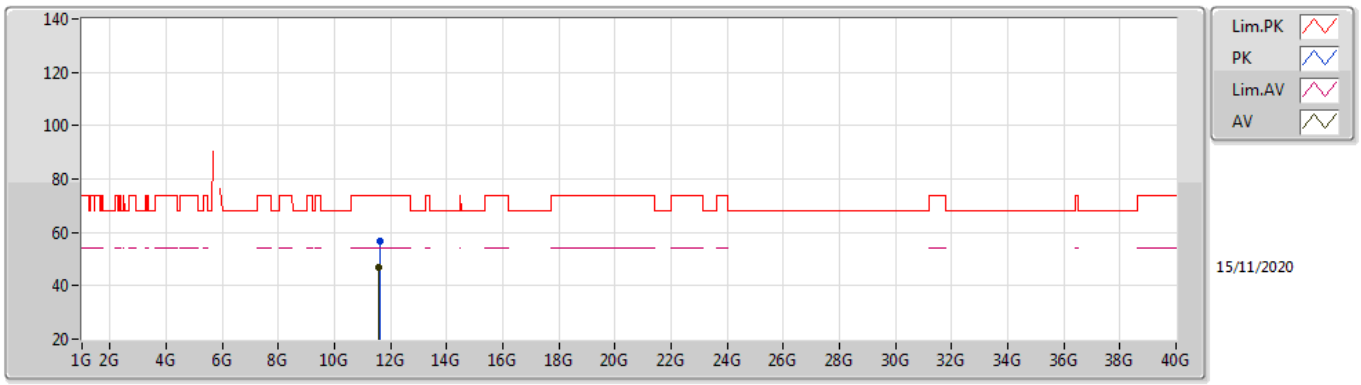
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5722G	48.89	54.00	-5.11	19.08	3	Vertical	243	1.33	-	29.81	39.93	9.51	30.36
PK	11.5716G	58.07	74.00	-15.93	19.08	3	Vertical	243	1.33	-	38.99	39.93	9.51	30.36

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.594G	47.00	54.00	-7.00	19.08	3	Horizontal	211	1.87	-	27.92	39.91	9.52	30.35
PK	11.5996G	56.98	74.00	-17.02	19.07	3	Horizontal	211	1.87	-	37.91	39.90	9.52	30.35

Summary

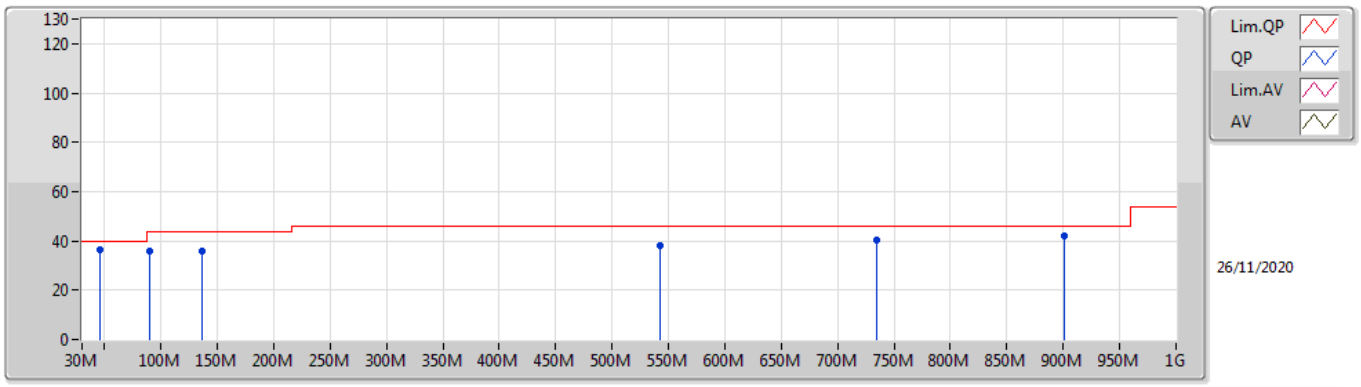
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	QP	45.52M	36.48	40.00	-3.52	3	Vertical	289	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	136.7M	35.74	43.50	-7.76	3	Vertical	0	1.00	-
5775MHz	Pass	PK	542.16M	38.29	46.00	-7.71	3	Vertical	0	1.00	-
5775MHz	Pass	PK	734.22M	40.44	46.00	-5.56	3	Vertical	0	1.00	-
5775MHz	Pass	PK	901.06M	42.14	46.00	-3.86	3	Vertical	0	1.00	-
5775MHz	Pass	QP	90.14M	35.94	43.50	-7.56	3	Vertical	79	1.00	-
5775MHz	Pass	QP	45.52M	36.48	40.00	-3.52	3	Vertical	289	1.00	-
5775MHz	Pass	PK	42.61M	34.79	40.00	-5.21	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	157.07M	34.80	43.50	-8.70	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	258.92M	34.67	46.00	-11.33	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	372.41M	35.17	46.00	-10.83	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	518.88M	40.62	46.00	-5.38	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	700.27M	41.32	46.00	-4.68	3	Horizontal	360	1.00	-

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

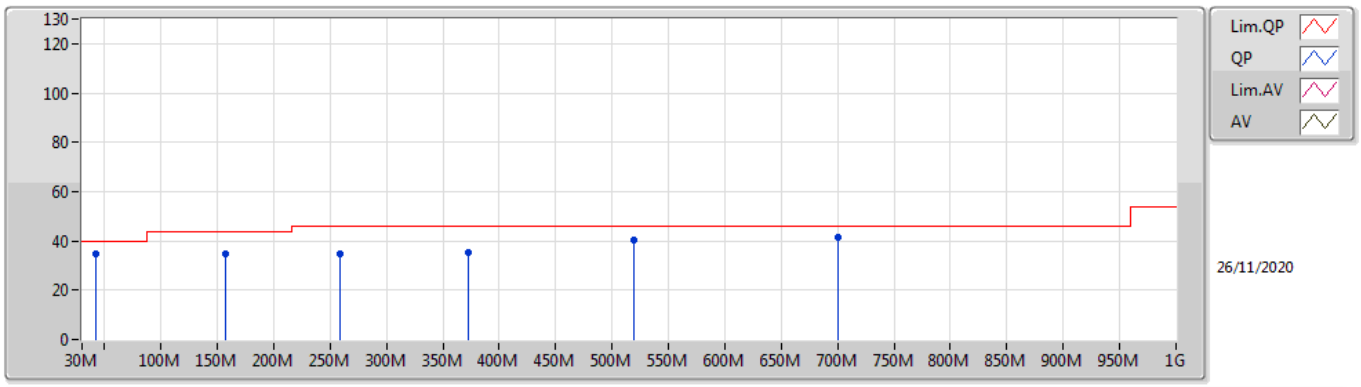
5775MHz_Fixture



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	136.7M	35.74	43.50	-7.76	-8.57	3	Vertical	0	1.00	-	44.31	16.79	1.88	27.24
PK	542.16M	38.29	46.00	-7.71	0.36	3	Vertical	0	1.00	-	37.93	24.47	3.87	27.98
PK	734.22M	40.44	46.00	-5.56	1.80	3	Vertical	0	1.00	-	38.64	25.26	4.54	28.00
PK	901.06M	42.14	46.00	-3.86	3.42	3	Vertical	0	1.00	-	38.72	25.75	5.01	27.34
QP	90.14M	35.94	43.50	-7.56	-11.68	3	Vertical	79	1.00	-	47.62	14.24	1.50	27.42
QP	45.52M	36.48	40.00	-3.52	-11.56	3	Vertical	289	1.00	-	48.04	14.96	1.01	27.53

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_Fixture



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	42.61M	34.79	40.00	-5.21	-10.27	3	Horizontal	360	1.00	-	45.06	16.27	1.00	27.54
PK	157.07M	34.80	43.50	-8.70	-9.96	3	Horizontal	360	1.00	-	44.76	15.19	1.99	27.14
PK	258.92M	34.67	46.00	-11.33	-5.22	3	Horizontal	360	1.00	-	39.89	18.83	2.65	26.70
PK	372.41M	35.17	46.00	-10.83	-3.77	3	Horizontal	360	1.00	-	38.94	20.12	3.19	27.08
PK	518.88M	40.62	46.00	-5.38	-1.33	3	Horizontal	360	1.00	-	41.95	22.77	3.78	27.88
PK	700.27M	41.32	46.00	-4.68	0.82	3	Horizontal	360	1.00	-	40.50	24.40	4.40	27.98

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	52.91	54.00	-1.09	3	Horizontal	75	1.00	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	52.70	54.00	-1.30	3	Horizontal	74	1.00	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.15G	52.61	54.00	-1.39	3	Horizontal	30	1.49	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	11.6374G	52.56	54.00	-1.44	3	Vertical	215	1.41	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	11.5184G	53.00	54.00	-1.00	3	Vertical	258	1.82	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.938G	66.50	68.20	-1.70	3	Horizontal	17	2.73	-

Result

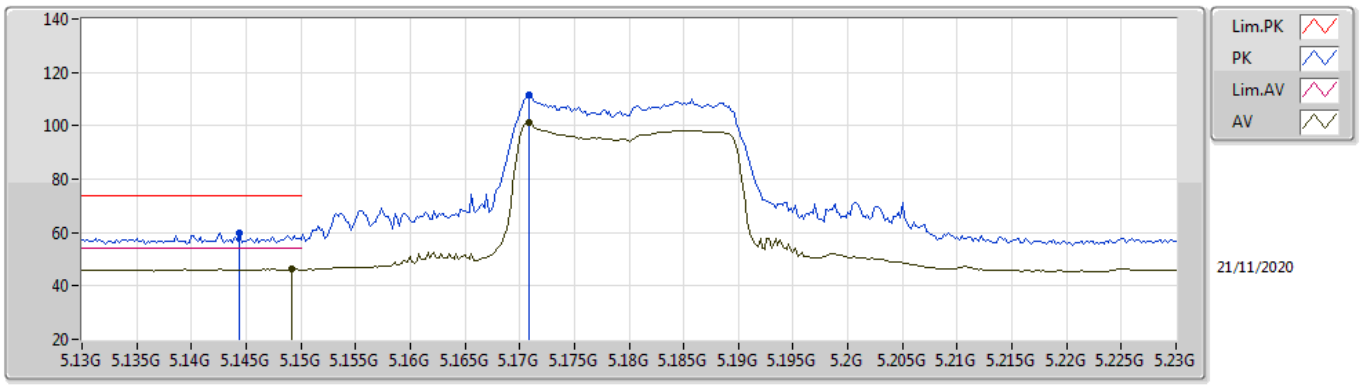
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	46.26	54.00	-7.74	3	Vertical	144	2.17	-
5180MHz	Pass	AV	5.1708G	101.24	Inf	-Inf	3	Vertical	144	2.17	-
5180MHz	Pass	PK	5.1444G	59.98	74.00	-14.02	3	Vertical	144	2.17	-
5180MHz	Pass	PK	5.1708G	111.32	Inf	-Inf	3	Vertical	144	2.17	-
5180MHz	Pass	AV	5.1494G	52.72	54.00	-1.28	3	Horizontal	71	1.02	-
5180MHz	Pass	AV	5.1868G	112.15	Inf	-Inf	3	Horizontal	71	1.02	-
5180MHz	Pass	PK	5.1438G	68.16	74.00	-5.84	3	Horizontal	71	1.02	-
5180MHz	Pass	PK	5.188G	124.42	Inf	-Inf	3	Horizontal	71	1.02	-
5180MHz	Pass	PK	10.3608G	58.95	68.20	-9.25	3	Vertical	221	1.68	-
5180MHz	Pass	PK	10.37416G	57.20	68.20	-11.00	3	Horizontal	275	2.46	-
5200MHz	Pass	AV	5.1448G	46.57	54.00	-7.43	3	Vertical	155	1.34	-
5200MHz	Pass	AV	5.2088G	104.37	Inf	-Inf	3	Vertical	155	1.34	-
5200MHz	Pass	PK	5.1412G	57.83	74.00	-16.17	3	Vertical	155	1.34	-
5200MHz	Pass	PK	5.2084G	115.07	Inf	-Inf	3	Vertical	155	1.34	-
5200MHz	Pass	AV	5.15G	52.91	54.00	-1.09	3	Horizontal	75	1.00	-
5200MHz	Pass	AV	5.1936G	114.82	Inf	-Inf	3	Horizontal	75	1.00	-
5200MHz	Pass	PK	5.1464G	64.84	74.00	-9.16	3	Horizontal	75	1.00	-
5200MHz	Pass	PK	5.2044G	126.62	Inf	-Inf	3	Horizontal	75	1.00	-
5200MHz	Pass	PK	10.4016G	60.33	68.20	-7.87	3	Vertical	228	2.52	-
5200MHz	Pass	PK	10.38976G	58.92	68.20	-9.28	3	Horizontal	168	2.43	-
5240MHz	Pass	AV	5.1494G	46.00	54.00	-8.00	3	Vertical	60	2.11	-
5240MHz	Pass	AV	5.2478G	101.95	Inf	-Inf	3	Vertical	60	2.11	-
5240MHz	Pass	AV	5.357G	45.16	54.00	-8.84	3	Vertical	60	2.11	-
5240MHz	Pass	PK	5.144G	57.79	74.00	-16.21	3	Vertical	60	2.11	-
5240MHz	Pass	PK	5.249G	114.11	Inf	-Inf	3	Vertical	60	2.11	-
5240MHz	Pass	PK	5.381G	56.80	74.00	-17.20	3	Vertical	60	2.11	-
5240MHz	Pass	AV	5.1146G	51.65	54.00	-2.35	3	Horizontal	79	1.06	-
5240MHz	Pass	AV	5.237G	116.86	Inf	-Inf	3	Horizontal	79	1.06	-
5240MHz	Pass	AV	5.3558G	52.64	54.00	-1.36	3	Horizontal	79	1.06	-
5240MHz	Pass	PK	5.1194G	61.83	74.00	-12.17	3	Horizontal	79	1.06	-
5240MHz	Pass	PK	5.2352G	127.83	Inf	-Inf	3	Horizontal	79	1.06	-
5240MHz	Pass	PK	5.35G	62.42	74.00	-11.58	3	Horizontal	79	1.06	-
5240MHz	Pass	PK	10.48408G	61.63	68.20	-6.57	3	Vertical	227	2.23	-
5240MHz	Pass	PK	10.47888G	60.22	68.20	-7.98	3	Horizontal	169	2.35	-
5745MHz	Pass	AV	5.739G	99.67	Inf	-Inf	3	Vertical	219	1.16	-
5745MHz	Pass	PK	5.6106G	57.13	68.20	-11.07	3	Vertical	219	1.16	-
5745MHz	Pass	PK	5.7414G	109.72	Inf	-Inf	3	Vertical	219	1.16	-
5745MHz	Pass	PK	5.9982G	57.22	68.20	-10.98	3	Vertical	219	1.16	-
5745MHz	Pass	AV	5.7438G	113.83	Inf	-Inf	3	Horizontal	95	1.13	-
5745MHz	Pass	PK	5.6334G	60.08	68.20	-8.12	3	Horizontal	95	1.13	-
5745MHz	Pass	PK	5.7462G	125.07	Inf	-Inf	3	Horizontal	95	1.13	-
5745MHz	Pass	PK	5.9634G	59.37	68.20	-8.83	3	Horizontal	95	1.13	-
5745MHz	Pass	AV	11.484G	52.45	54.00	-1.55	3	Vertical	252	1.04	-
5745MHz	Pass	PK	11.4787G	69.02	74.00	-4.98	3	Vertical	252	1.04	-
5745MHz	Pass	AV	11.4891G	48.19	54.00	-5.81	3	Horizontal	180	2.22	-
5745MHz	Pass	PK	11.4894G	62.32	74.00	-11.68	3	Horizontal	180	2.22	-
5785MHz	Pass	AV	5.7934G	102.50	Inf	-Inf	3	Vertical	61	2.67	-
5785MHz	Pass	PK	5.5162G	57.66	68.20	-10.54	3	Vertical	61	2.67	-
5785MHz	Pass	PK	5.7922G	112.15	Inf	-Inf	3	Vertical	61	2.67	-
5785MHz	Pass	PK	6.0526G	57.03	68.20	-11.17	3	Vertical	61	2.67	-
5785MHz	Pass	AV	5.7922G	113.50	Inf	-Inf	3	Horizontal	56	2.18	-
5785MHz	Pass	PK	5.5474G	59.08	68.20	-9.12	3	Horizontal	56	2.18	-
5785MHz	Pass	PK	5.7898G	123.79	Inf	-Inf	3	Horizontal	56	2.18	-
5785MHz	Pass	PK	5.9338G	59.00	68.20	-9.20	3	Horizontal	56	2.18	-
5785MHz	Pass	AV	11.5811G	52.34	54.00	-1.66	3	Vertical	261	1.80	-
5785MHz	Pass	PK	11.5832G	67.64	74.00	-6.36	3	Vertical	261	1.80	-
5785MHz	Pass	AV	11.5644G	49.24	54.00	-4.76	3	Horizontal	178	1.95	-
5785MHz	Pass	PK	11.5638G	63.45	74.00	-10.55	3	Horizontal	178	1.95	-
5825MHz	Pass	AV	5.8322G	102.94	Inf	-Inf	3	Vertical	198	3.00	-
5825MHz	Pass	PK	5.6282G	57.13	68.20	-11.07	3	Vertical	198	3.00	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.831G	113.58	Inf	-Inf	3	Vertical	198	3.00	-
5825MHz	Pass	PK	5.9234G	59.69	69.38	-9.69	3	Vertical	198	3.00	-
5825MHz	Pass	AV	5.8178G	109.99	Inf	-Inf	3	Horizontal	340	2.39	-
5825MHz	Pass	PK	5.6426G	57.69	68.20	-10.51	3	Horizontal	340	2.39	-
5825MHz	Pass	PK	5.8202G	120.85	Inf	-Inf	3	Horizontal	340	2.39	-
5825MHz	Pass	PK	5.9258G	60.86	68.20	-7.34	3	Horizontal	340	2.39	-
5825MHz	Pass	AV	11.6374G	52.56	54.00	-1.44	3	Vertical	215	1.41	-
5825MHz	Pass	PK	11.6385G	68.14	74.00	-5.86	3	Vertical	215	1.41	-
5825MHz	Pass	AV	11.6388G	49.53	54.00	-4.47	3	Horizontal	214	1.79	-
5825MHz	Pass	PK	11.6402G	64.69	74.00	-9.31	3	Horizontal	214	1.79	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1456G	47.76	54.00	-6.24	3	Vertical	250	1.00	-
5190MHz	Pass	AV	5.2056G	95.37	Inf	-Inf	3	Vertical	250	1.00	-
5190MHz	Pass	PK	5.1496G	62.43	74.00	-11.57	3	Vertical	250	1.00	-
5190MHz	Pass	PK	5.2072G	106.17	Inf	-Inf	3	Vertical	250	1.00	-
5190MHz	Pass	AV	5.15G	52.70	54.00	-1.30	3	Horizontal	74	1.00	-
5190MHz	Pass	AV	5.184G	101.46	Inf	-Inf	3	Horizontal	74	1.00	-
5190MHz	Pass	PK	5.1484G	68.88	74.00	-5.12	3	Horizontal	74	1.00	-
5190MHz	Pass	PK	5.1732G	115.99	Inf	-Inf	3	Horizontal	74	1.00	-
5190MHz	Pass	PK	10.38406G	56.39	68.20	-11.81	3	Vertical	288	2.23	-
5190MHz	Pass	PK	10.34654G	56.41	68.20	-11.79	3	Horizontal	81	1.47	-
5230MHz	Pass	AV	5.15G	46.51	54.00	-7.49	3	Vertical	39	2.99	-
5230MHz	Pass	AV	5.2208G	98.08	Inf	-Inf	3	Vertical	39	2.99	-
5230MHz	Pass	PK	5.1496G	57.42	74.00	-16.58	3	Vertical	39	2.99	-
5230MHz	Pass	PK	5.2384G	107.63	Inf	-Inf	3	Vertical	39	2.99	-
5230MHz	Pass	AV	5.1492G	52.69	54.00	-1.31	3	Horizontal	75	1.00	-
5230MHz	Pass	AV	5.2324G	110.86	Inf	-Inf	3	Horizontal	75	1.00	-
5230MHz	Pass	PK	5.1464G	66.66	74.00	-7.34	3	Horizontal	75	1.00	-
5230MHz	Pass	PK	5.2328G	122.24	Inf	-Inf	3	Horizontal	75	1.00	-
5230MHz	Pass	PK	10.4602G	57.31	68.20	-10.89	3	Vertical	143	1.94	-
5230MHz	Pass	PK	10.47411G	57.49	68.20	-10.71	3	Horizontal	188	2.51	-
5755MHz	Pass	AV	5.7598G	92.36	Inf	-Inf	3	Vertical	214	1.13	-
5755MHz	Pass	PK	5.6038G	57.11	68.20	-11.09	3	Vertical	214	1.13	-
5755MHz	Pass	PK	5.7598G	104.13	Inf	-Inf	3	Vertical	214	1.13	-
5755MHz	Pass	PK	6.0478G	57.76	68.20	-10.44	3	Vertical	214	1.13	-
5755MHz	Pass	AV	5.7526G	104.66	Inf	-Inf	3	Horizontal	56	2.24	-
5755MHz	Pass	PK	5.6482G	66.78	68.20	-1.42	3	Horizontal	56	2.24	-
5755MHz	Pass	PK	5.7406G	119.52	Inf	-Inf	3	Horizontal	56	2.24	-
5755MHz	Pass	PK	5.9326G	60.58	68.20	-7.62	3	Horizontal	56	2.24	-
5755MHz	Pass	AV	11.5184G	53.00	54.00	-1.00	3	Vertical	258	1.82	-
5755MHz	Pass	PK	11.5121G	69.43	74.00	-4.57	3	Vertical	258	1.82	-
5755MHz	Pass	AV	11.4931G	48.20	54.00	-5.80	3	Horizontal	178	2.33	-
5755MHz	Pass	PK	11.5114G	61.30	74.00	-12.70	3	Horizontal	178	2.33	-
5795MHz	Pass	AV	5.7866G	101.21	Inf	-Inf	3	Vertical	197	3.00	-
5795MHz	Pass	PK	5.627G	57.70	68.20	-10.50	3	Vertical	197	3.00	-
5795MHz	Pass	PK	5.7914G	113.50	Inf	-Inf	3	Vertical	197	3.00	-
5795MHz	Pass	PK	5.9366G	61.87	68.20	-6.33	3	Vertical	197	3.00	-
5795MHz	Pass	AV	5.7806G	111.40	Inf	-Inf	3	Horizontal	45	2.30	-
5795MHz	Pass	PK	5.6498G	60.79	68.20	-7.41	3	Horizontal	45	2.30	-
5795MHz	Pass	PK	5.8034G	120.70	Inf	-Inf	3	Horizontal	45	2.30	-
5795MHz	Pass	PK	5.9306G	67.02	68.20	-1.18	3	Horizontal	45	2.30	-
5795MHz	Pass	AV	11.5973G	52.06	54.00	-1.94	3	Vertical	268	1.80	-
5795MHz	Pass	PK	11.5899G	68.51	74.00	-5.49	3	Vertical	268	1.80	-
5795MHz	Pass	AV	11.5994G	46.55	54.00	-7.45	3	Horizontal	134	1.49	-
5795MHz	Pass	PK	11.5976G	58.84	74.00	-15.16	3	Horizontal	134	1.49	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5G	48.58	54.00	-5.42	3	Vertical	81	2.72	-
5210MHz	Pass	AV	5.182G	88.30	Inf	-Inf	3	Vertical	81	2.72	-
5210MHz	Pass	AV	5.443G	45.48	54.00	-8.52	3	Vertical	81	2.72	-
5210MHz	Pass	PK	5.146G	61.02	74.00	-12.98	3	Vertical	81	2.72	-
5210MHz	Pass	PK	5.182G	100.45	Inf	-Inf	3	Vertical	81	2.72	-
5210MHz	Pass	PK	5.425G	57.21	74.00	-16.79	3	Vertical	81	2.72	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	AV	5.15G	52.61	54.00	-1.39	3	Horizontal	30	1.49	-
5210MHz	Pass	AV	5.183G	108.91	Inf	-Inf	3	Horizontal	30	1.49	-
5210MHz	Pass	AV	5.35G	49.39	54.00	-4.61	3	Horizontal	30	1.49	-
5210MHz	Pass	PK	5.149G	66.76	74.00	-7.24	3	Horizontal	30	1.49	-
5210MHz	Pass	PK	5.196G	110.13	Inf	-Inf	3	Horizontal	30	1.49	-
5210MHz	Pass	PK	5.367G	57.74	74.00	-16.26	3	Horizontal	30	1.49	-
5210MHz	Pass	PK	10.41376G	56.81	68.20	-11.39	3	Vertical	360	1.50	-
5210MHz	Pass	PK	10.41388G	56.69	68.20	-11.51	3	Horizontal	36	2.32	-
5775MHz	Pass	AV	5.753G	100.56	Inf	-Inf	3	Vertical	204	2.81	-
5775MHz	Pass	PK	5.65G	60.15	68.20	-8.05	3	Vertical	204	2.81	-
5775MHz	Pass	PK	5.752G	109.50	Inf	-Inf	3	Vertical	204	2.81	-
5775MHz	Pass	PK	5.931G	61.00	68.20	-7.20	3	Vertical	204	2.81	-
5775MHz	Pass	AV	5.749G	107.93	Inf	-Inf	3	Horizontal	17	2.73	-
5775MHz	Pass	PK	5.639G	64.58	68.20	-3.62	3	Horizontal	17	2.73	-
5775MHz	Pass	PK	5.788G	113.97	Inf	-Inf	3	Horizontal	17	2.73	-
5775MHz	Pass	PK	5.938G	66.50	68.20	-1.70	3	Horizontal	17	2.73	-
5775MHz	Pass	AV	11.59G	45.78	54.00	-8.22	3	Vertical	270	1.50	-
5775MHz	Pass	PK	11.5844G	57.35	74.00	-16.65	3	Vertical	270	1.50	-
5775MHz	Pass	AV	11.58696G	45.89	54.00	-8.11	3	Horizontal	228	1.50	-
5775MHz	Pass	PK	11.53304G	57.34	74.00	-16.66	3	Horizontal	228	1.50	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

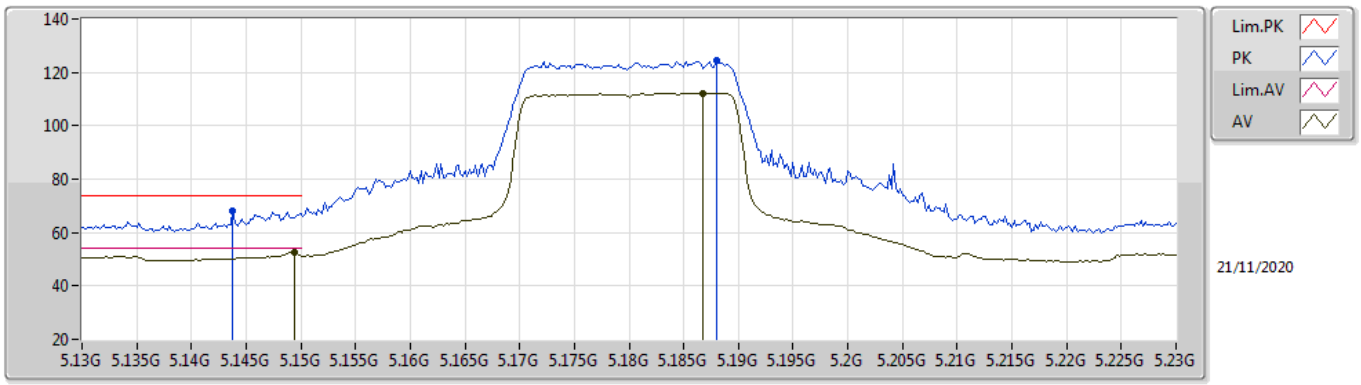
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	46.26	54.00	-7.74	9.59	3	Vertical	144	2.17	-	36.67	32.00	6.77	29.18
AV	5.1708G	101.24	Inf	-Inf	9.53	3	Vertical	144	2.17	-	91.71	31.92	6.79	29.18
PK	5.1444G	59.98	74.00	-14.02	9.58	3	Vertical	144	2.17	-	50.40	31.99	6.77	29.18
PK	5.1708G	111.32	Inf	-Inf	9.53	3	Vertical	144	2.17	-	101.79	31.92	6.79	29.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

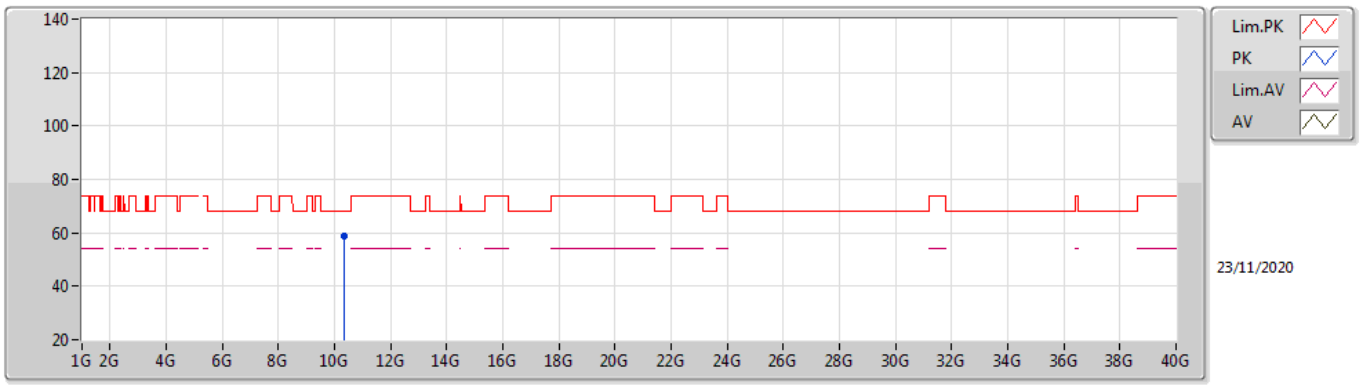
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	52.72	54.00	-1.28	9.59	3	Horizontal	71	1.02	-	43.13	32.00	6.77	29.18
AV	5.1868G	112.15	Inf	-Inf	9.46	3	Horizontal	71	1.02	-	102.69	31.85	6.79	29.18
PK	5.1438G	68.16	74.00	-5.84	9.58	3	Horizontal	71	1.02	-	58.58	31.99	6.77	29.18
PK	5.188G	124.42	Inf	-Inf	9.46	3	Horizontal	71	1.02	-	114.96	31.85	6.79	29.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

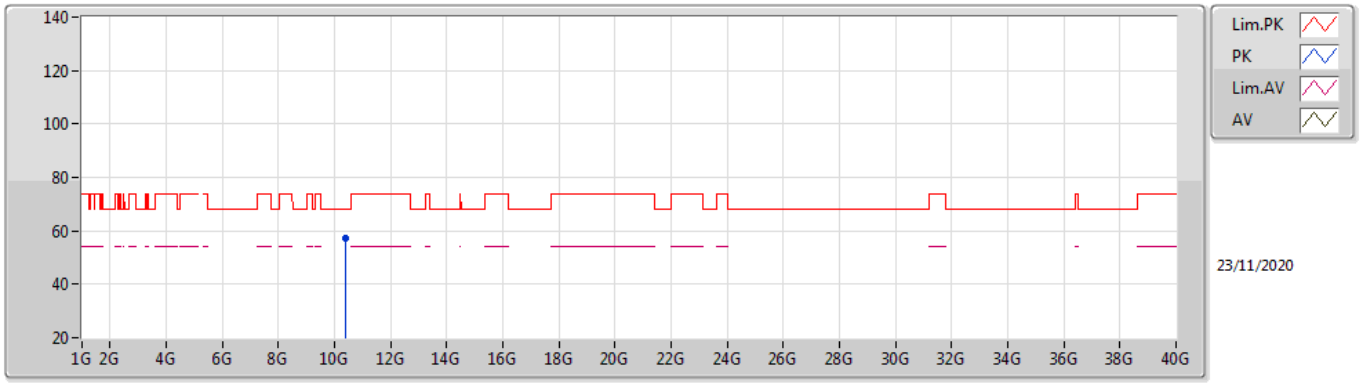
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.3608G	58.95	68.20	-9.25	18.05	3	Vertical	221	1.68	-	40.90	39.44	8.96	30.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

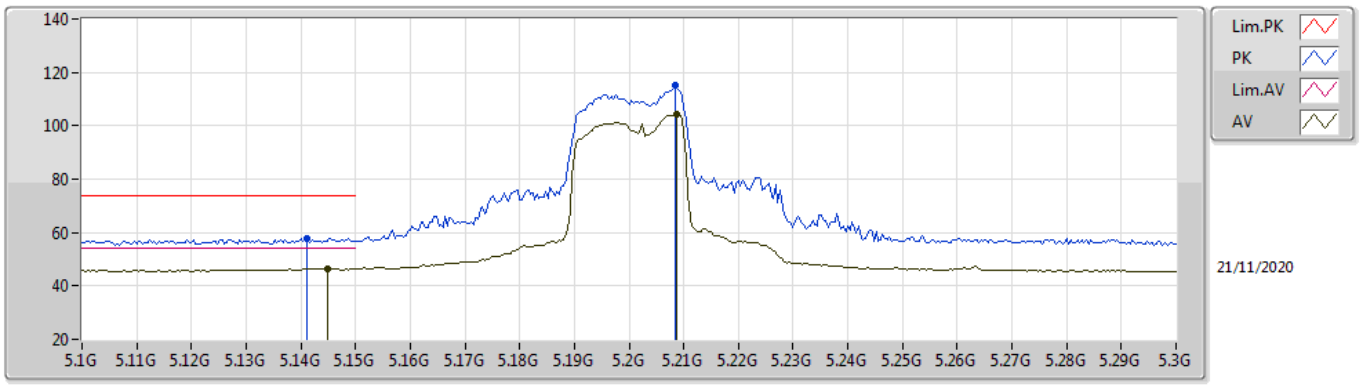
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.37416G	57.20	68.20	-11.00	18.12	3	Horizontal	275	2.46	-	39.08	39.50	8.97	30.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

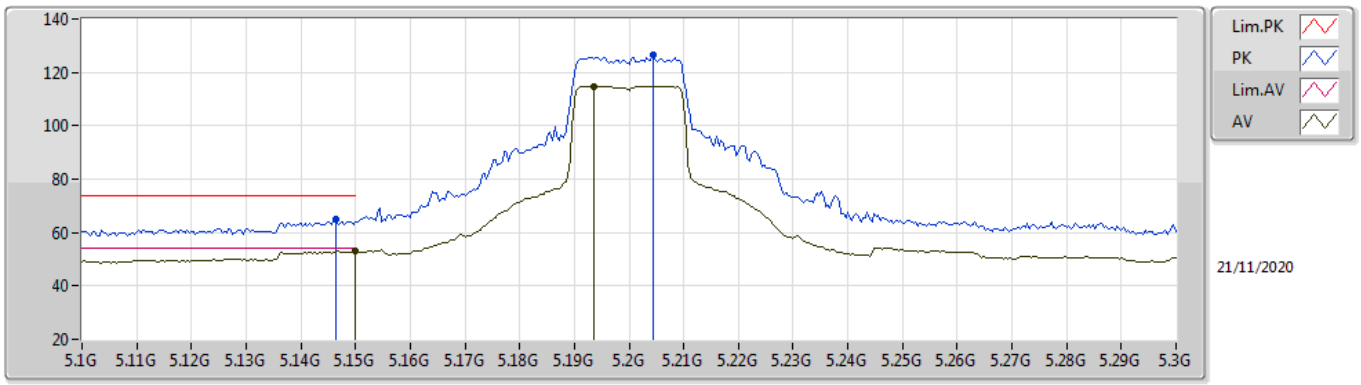
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1448G	46.57	54.00	-7.43	9.58	3	Vertical	155	1.34	-	36.99	31.99	6.77	29.18
AV	5.2088G	104.37	Inf	-Inf	9.35	3	Vertical	155	1.34	-	95.02	31.73	6.80	29.18
PK	5.1412G	57.83	74.00	-16.17	9.57	3	Vertical	155	1.34	-	48.26	31.98	6.77	29.18
PK	5.2084G	115.07	Inf	-Inf	9.35	3	Vertical	155	1.34	-	105.72	31.73	6.80	29.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

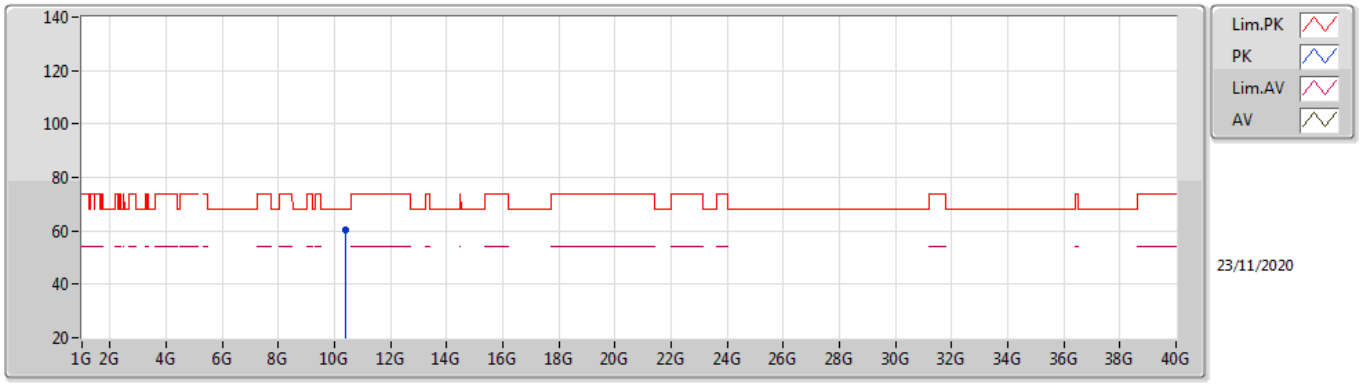
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.91	54.00	-1.09	9.60	3	Horizontal	75	1.00	-	43.31	32.00	6.78	29.18
AV	5.1936G	114.82	Inf	-Inf	9.45	3	Horizontal	75	1.00	-	105.37	31.83	6.80	29.18
PK	5.1464G	64.84	74.00	-9.16	9.58	3	Horizontal	75	1.00	-	55.26	31.99	6.77	29.18
PK	5.2044G	126.62	Inf	-Inf	9.38	3	Horizontal	75	1.00	-	117.24	31.76	6.80	29.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

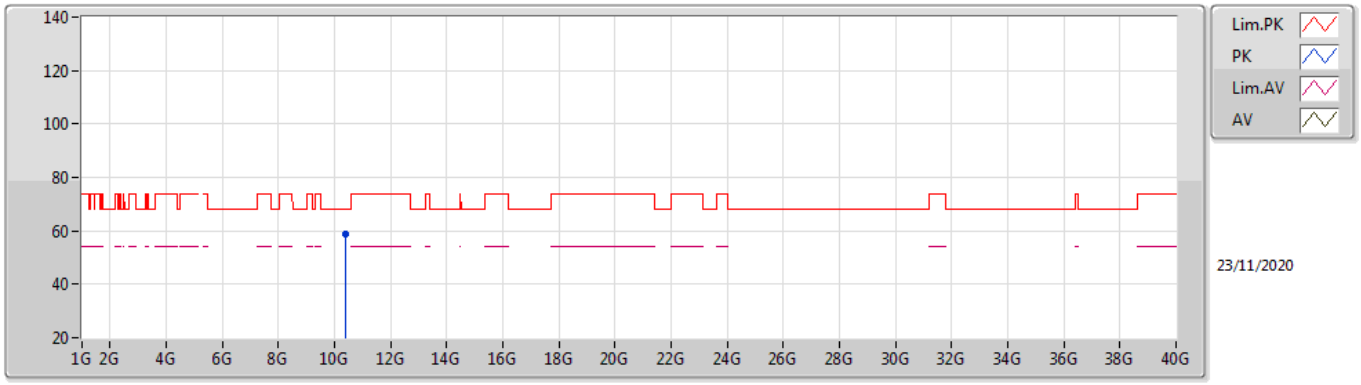
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4016G	60.33	68.20	-7.87	18.22	3	Vertical	228	2.52	-	42.11	39.60	8.98	30.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

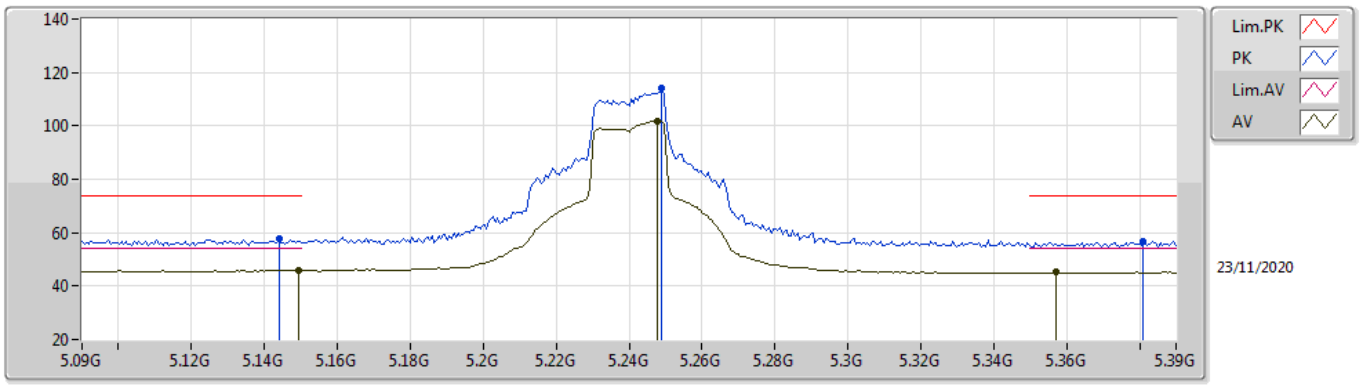
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38976G	58.92	68.20	-9.28	18.18	3	Horizontal	168	2.43	-	40.74	39.56	8.98	30.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

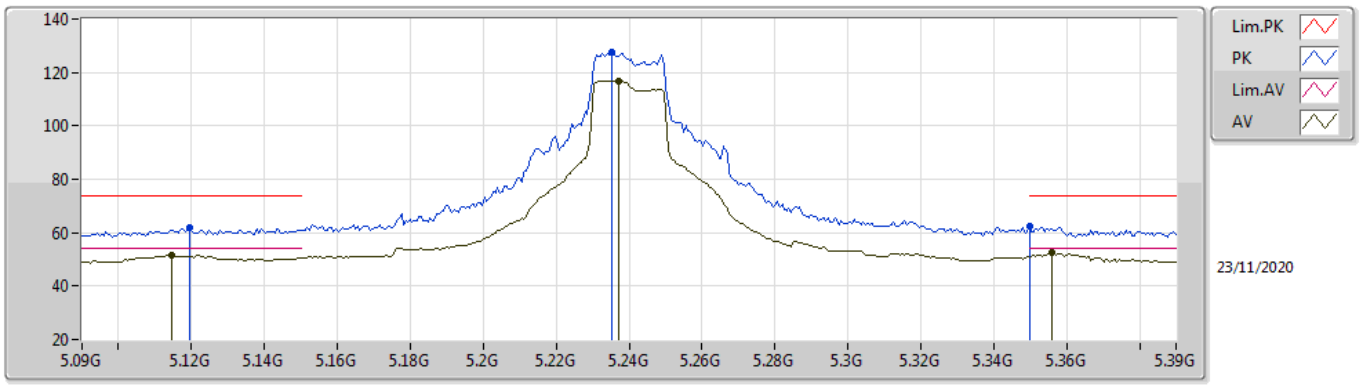
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1494G	46.00	54.00	-8.00	9.59	3	Vertical	60	2.11	-	36.41	32.00	6.77	29.18
AV	5.2478G	101.95	Inf	-Inf	9.04	3	Vertical	60	2.11	-	92.91	31.42	6.80	29.18
AV	5.357G	45.16	54.00	-8.84	8.77	3	Vertical	60	2.11	-	36.39	31.16	6.80	29.19
PK	5.144G	57.79	74.00	-16.21	9.58	3	Vertical	60	2.11	-	48.21	31.99	6.77	29.18
PK	5.249G	114.11	Inf	-Inf	9.03	3	Vertical	60	2.11	-	105.08	31.41	6.80	29.18
PK	5.381G	56.80	74.00	-17.20	8.96	3	Vertical	60	2.11	-	47.84	31.35	6.80	29.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

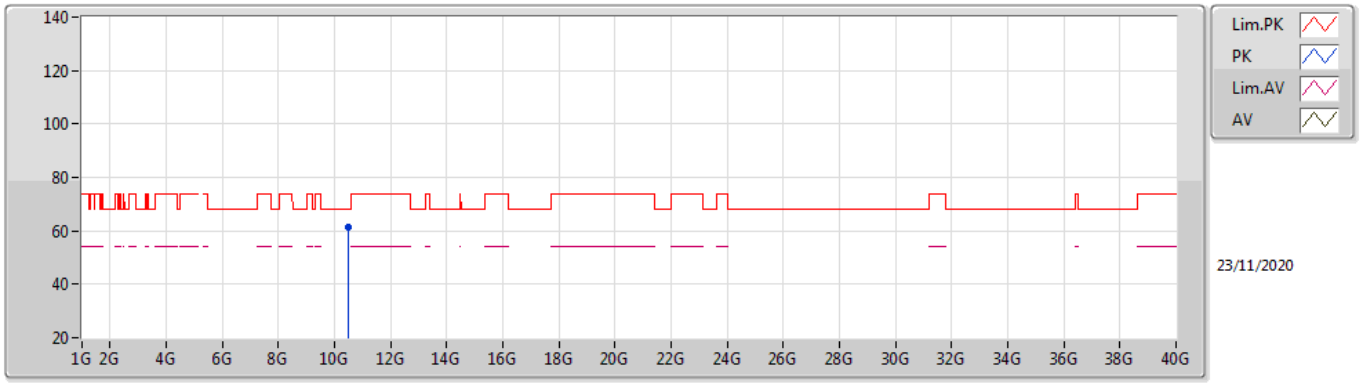
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1146G	51.65	54.00	-2.35	9.51	3	Horizontal	79	1.06	-	42.14	31.93	6.76	29.18
AV	5.237G	116.86	Inf	-Inf	9.12	3	Horizontal	79	1.06	-	107.74	31.50	6.80	29.18
AV	5.3558G	52.64	54.00	-1.36	8.76	3	Horizontal	79	1.06	-	43.88	31.15	6.80	29.19
PK	5.1194G	61.83	74.00	-12.17	9.52	3	Horizontal	79	1.06	-	52.31	31.94	6.76	29.18
PK	5.2352G	127.83	Inf	-Inf	9.14	3	Horizontal	79	1.06	-	118.69	31.52	6.80	29.18
PK	5.35G	62.42	74.00	-11.58	8.71	3	Horizontal	79	1.06	-	53.71	31.10	6.80	29.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

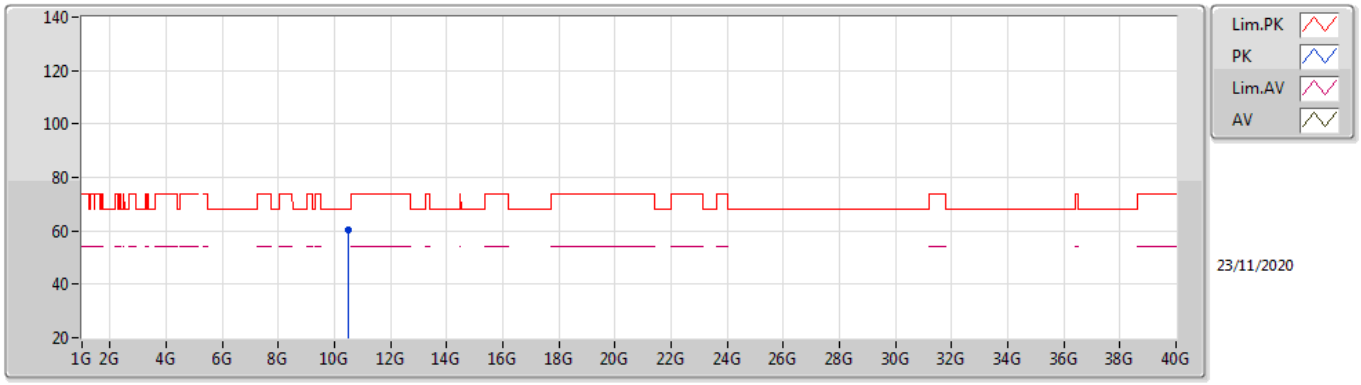
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.48408G	61.63	68.20	-6.57	18.31	3	Vertical	227	2.23	-	43.32	39.68	9.02	30.39

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

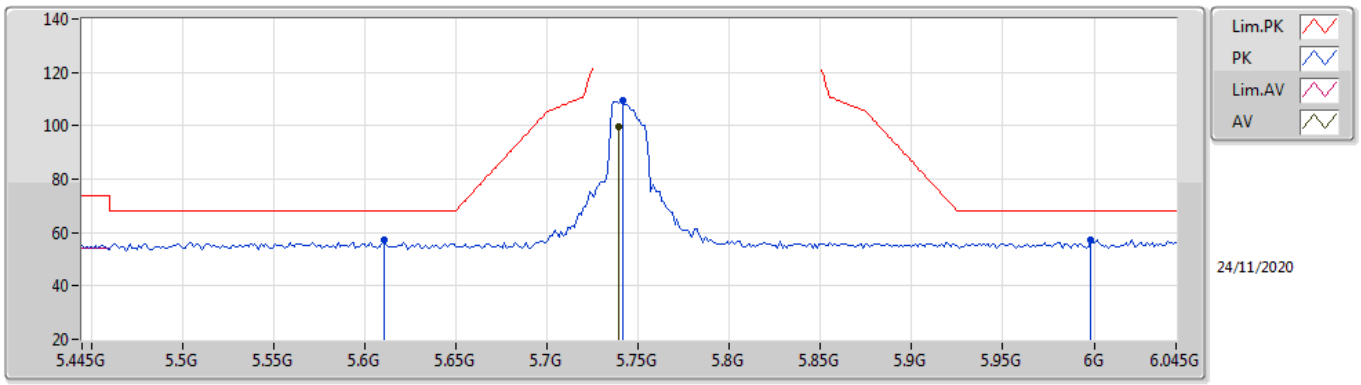
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47888G	60.22	68.20	-7.98	18.32	3	Horizontal	169	2.35	-	41.90	39.68	9.02	30.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

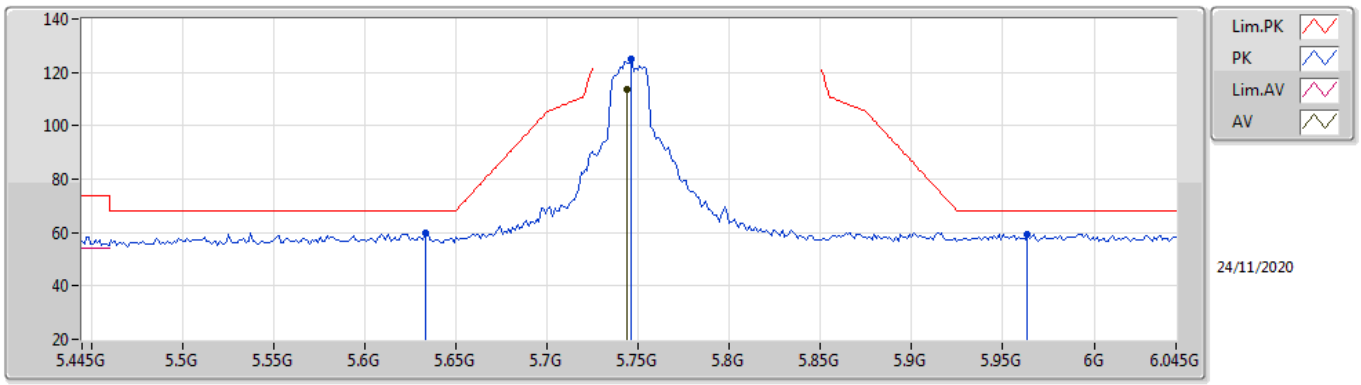
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.739G	99.67	Inf	-Inf	9.67	3	Vertical	219	1.16	-	90.00	31.98	6.97	29.28
PK	5.6106G	57.13	68.20	-11.07	9.53	3	Vertical	219	1.16	-	47.60	31.86	6.91	29.24
PK	5.7414G	109.72	Inf	-Inf	9.67	3	Vertical	219	1.16	-	100.05	31.98	6.97	29.28
PK	5.9982G	57.22	68.20	-10.98	10.03	3	Vertical	219	1.16	-	47.19	32.30	7.10	29.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

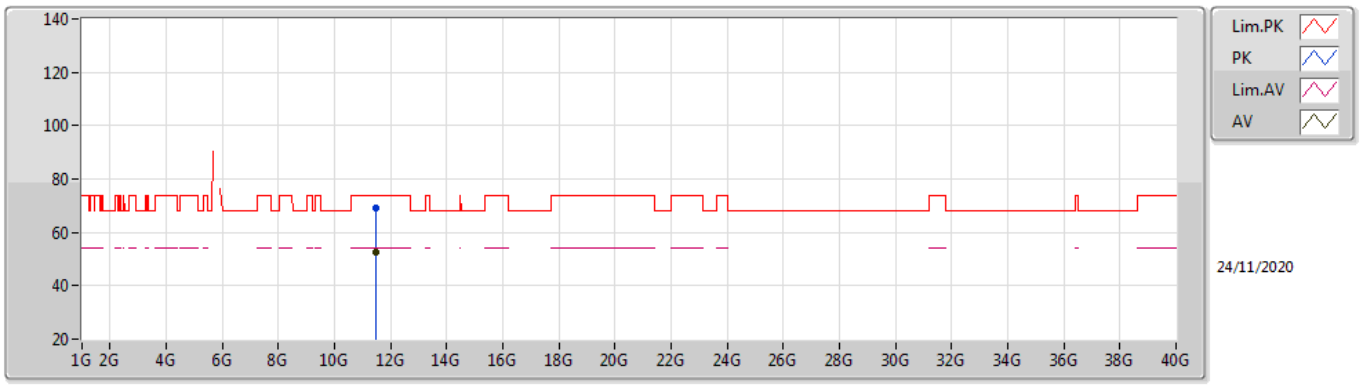
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7438G	113.83	Inf	-Inf	9.68	3	Horizontal	95	1.13	-	104.15	31.99	6.97	29.28
PK	5.6334G	60.08	68.20	-8.12	9.44	3	Horizontal	95	1.13	-	50.64	31.77	6.92	29.25
PK	5.7462G	125.07	Inf	-Inf	9.68	3	Horizontal	95	1.13	-	115.39	31.99	6.97	29.28
PK	5.9634G	59.37	68.20	-8.83	10.09	3	Horizontal	95	1.13	-	49.28	32.37	7.08	29.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

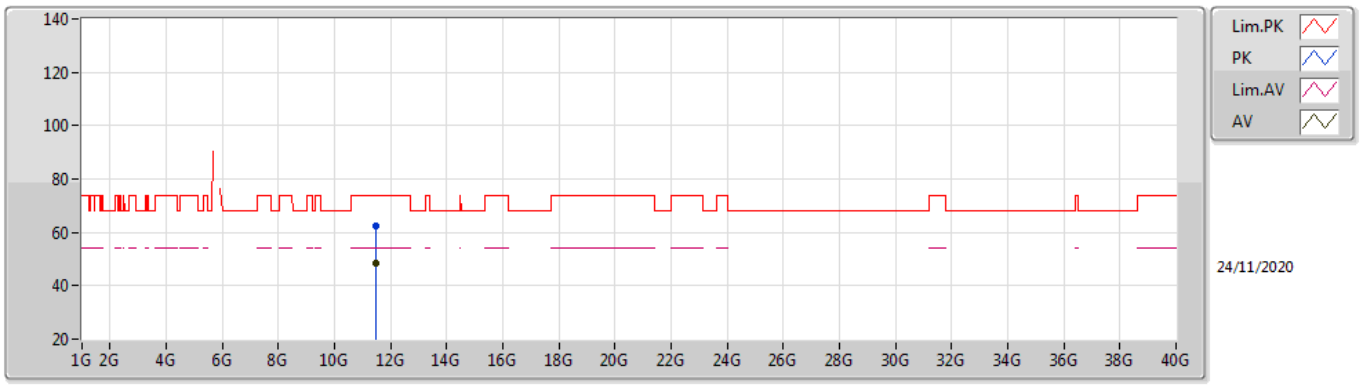
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.484G	52.45	54.00	-1.55	19.07	3	Vertical	252	1.04	-	33.38	39.98	9.47	30.38
PK	11.4787G	69.02	74.00	-4.98	19.07	3	Vertical	252	1.04	-	49.95	39.98	9.47	30.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

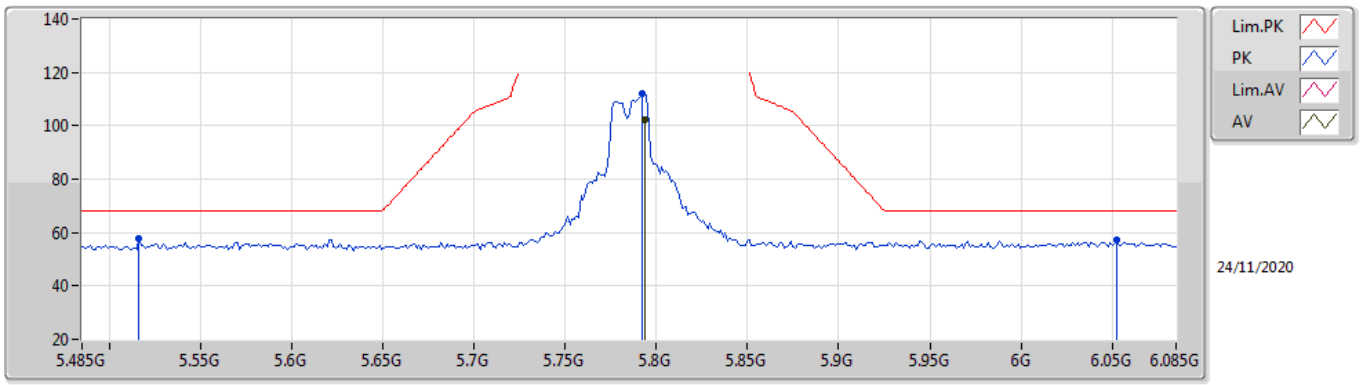
5745MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4891G	48.19	54.00	-5.81	19.08	3	Horizontal	180	2.22	-	29.11	39.99	9.47	30.38
PK	11.4894G	62.32	74.00	-11.68	19.08	3	Horizontal	180	2.22	-	43.24	39.99	9.47	30.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

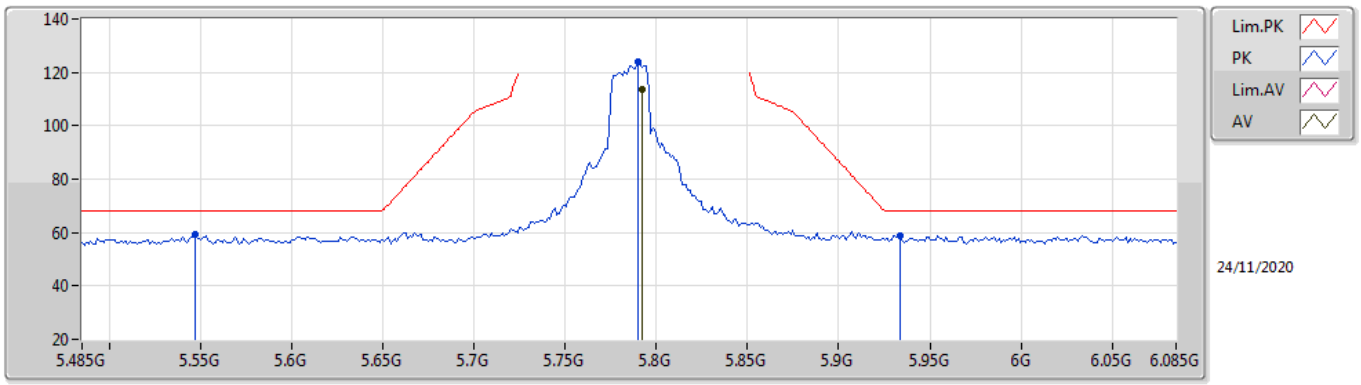
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7934G	102.50	Inf	-Inf	9.70	3	Vertical	61	2.67	-	92.80	32.00	7.00	29.30
PK	5.5162G	57.66	68.20	-10.54	9.45	3	Vertical	61	2.67	-	48.21	31.80	6.86	29.21
PK	5.7922G	112.15	Inf	-Inf	9.70	3	Vertical	61	2.67	-	102.45	32.00	7.00	29.30
PK	6.0526G	57.03	68.20	-11.17	10.32	3	Vertical	61	2.67	-	46.71	32.59	7.13	29.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

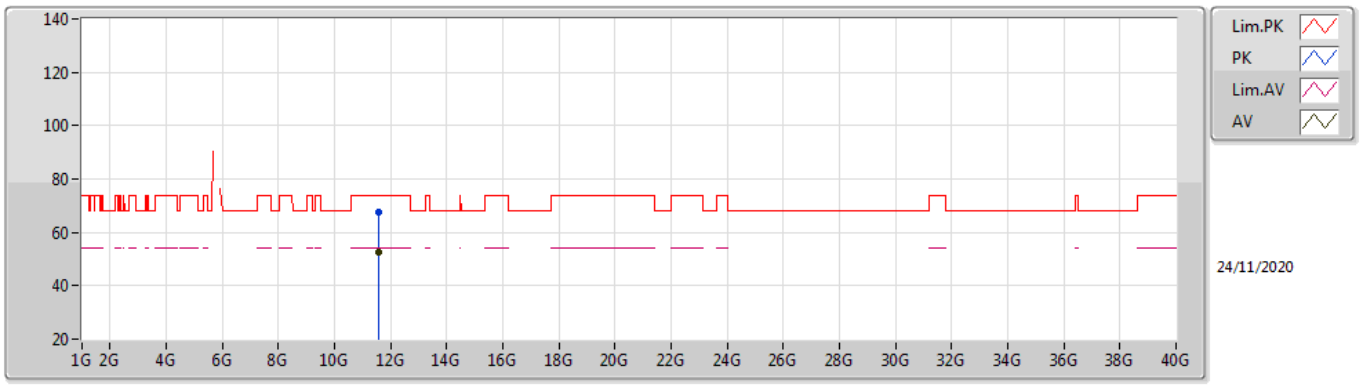
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7922G	113.50	Inf	-Inf	9.70	3	Horizontal	56	2.18	-	103.80	32.00	7.00	29.30
PK	5.5474G	59.08	68.20	-9.12	9.45	3	Horizontal	56	2.18	-	49.63	31.80	6.87	29.22
PK	5.7898G	123.79	Inf	-Inf	9.69	3	Horizontal	56	2.18	-	114.10	32.00	6.99	29.30
PK	5.9338G	59.00	68.20	-9.20	10.06	3	Horizontal	56	2.18	-	48.94	32.34	7.07	29.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

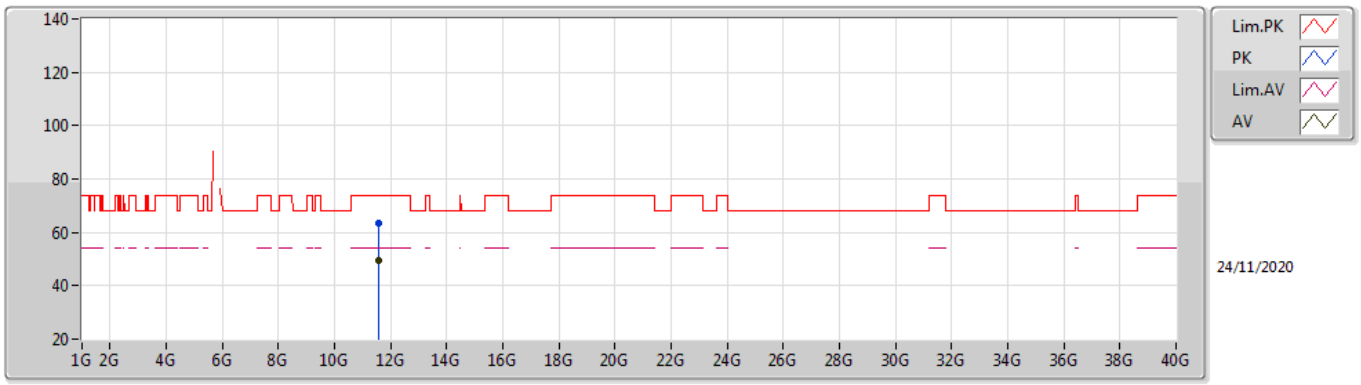
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5811G	52.34	54.00	-1.66	19.08	3	Vertical	261	1.80	-	33.26	39.92	9.51	30.35
PK	11.5832G	67.64	74.00	-6.36	19.08	3	Vertical	261	1.80	-	48.56	39.92	9.51	30.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

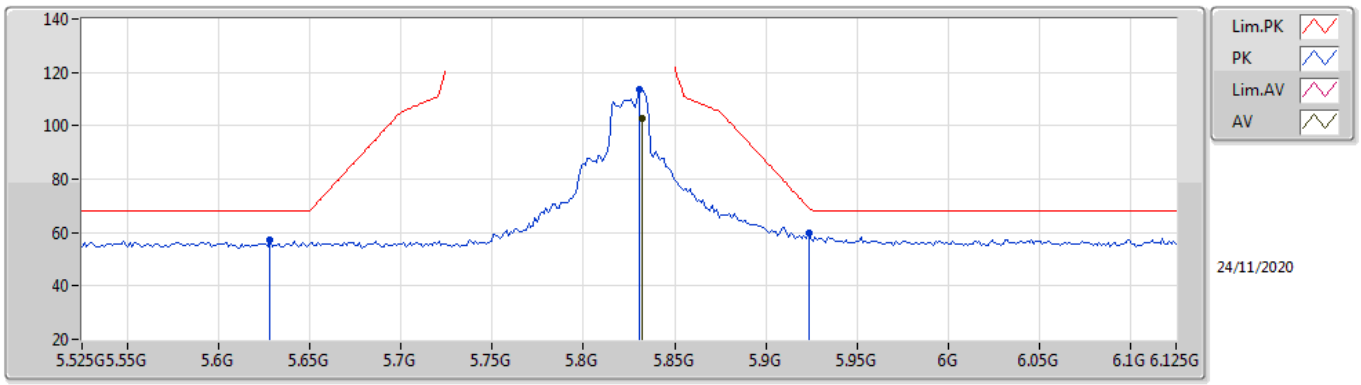
5785MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5644G	49.24	54.00	-4.76	19.08	3	Horizontal	178	1.95	-	30.16	39.94	9.50	30.36
PK	11.5638G	63.45	74.00	-10.55	19.08	3	Horizontal	178	1.95	-	44.37	39.94	9.50	30.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

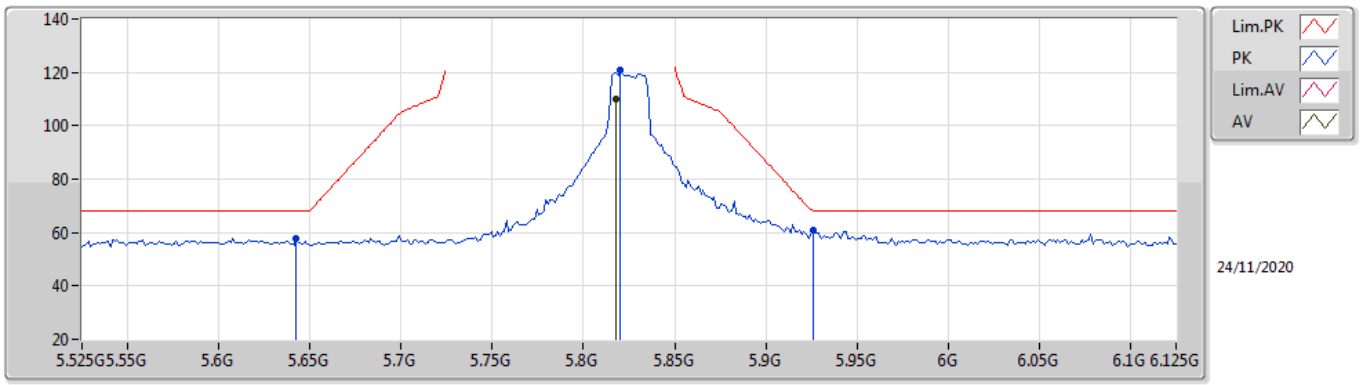
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8322G	102.94	Inf	-Inf	9.77	3	Vertical	198	3.00	-	93.17	32.06	7.02	29.31
PK	5.6282G	57.13	68.20	-11.07	9.46	3	Vertical	198	3.00	-	47.67	31.79	6.91	29.24
PK	5.831G	113.58	Inf	-Inf	9.77	3	Vertical	198	3.00	-	103.81	32.06	7.02	29.31
PK	5.9234G	59.69	69.38	-9.69	10.01	3	Vertical	198	3.00	-	49.68	32.29	7.06	29.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

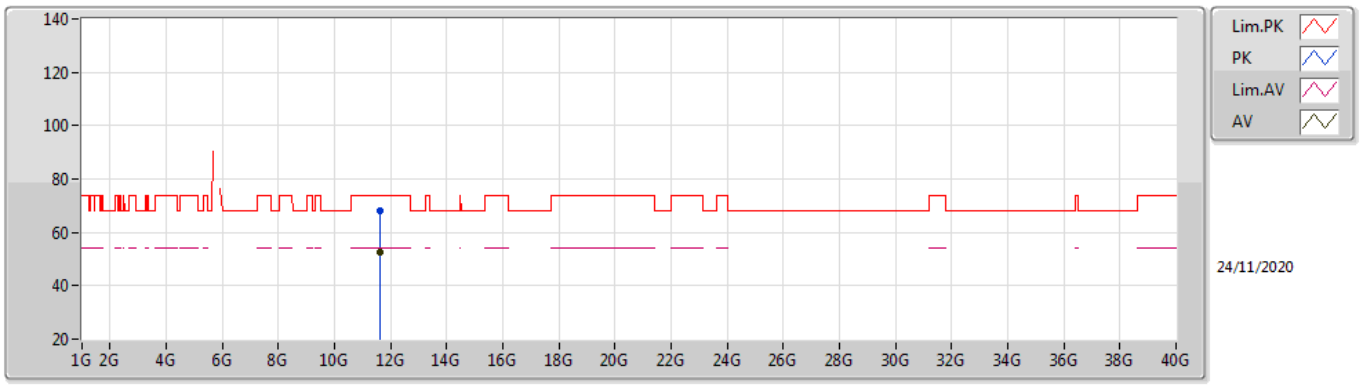
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.8178G	109.99	Inf	-Inf	9.74	3	Horizontal	340	2.39	-	100.25	32.04	7.01	29.31
PK	5.6426G	57.69	68.20	-10.51	9.40	3	Horizontal	340	2.39	-	48.29	31.73	6.92	29.25
PK	5.8202G	120.85	Inf	-Inf	9.74	3	Horizontal	340	2.39	-	111.11	32.04	7.01	29.31
PK	5.9258G	60.86	68.20	-7.34	10.02	3	Horizontal	340	2.39	-	50.84	32.30	7.06	29.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

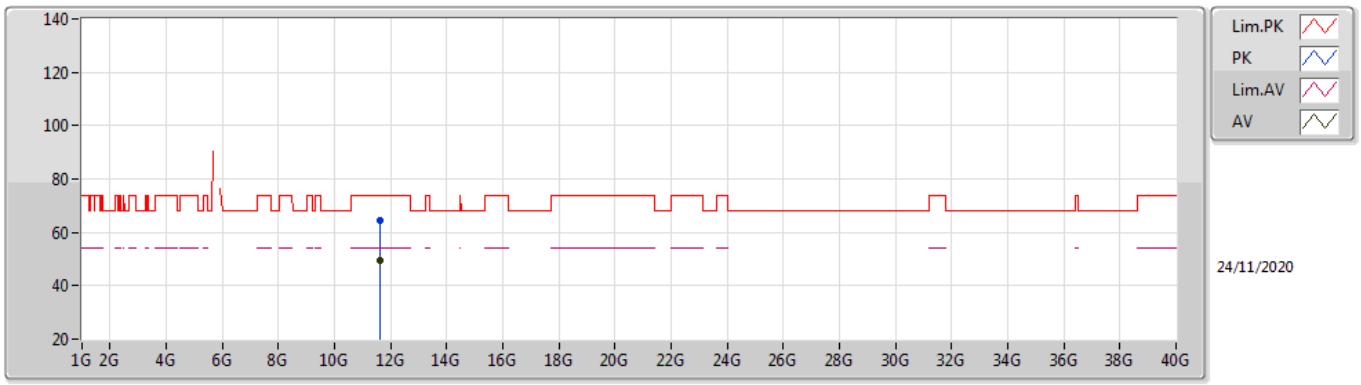
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6374G	52.56	54.00	-1.44	18.89	3	Vertical	215	1.41	-	33.67	39.68	9.54	30.33
PK	11.6385G	68.14	74.00	-5.86	18.88	3	Vertical	215	1.41	-	49.26	39.67	9.54	30.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

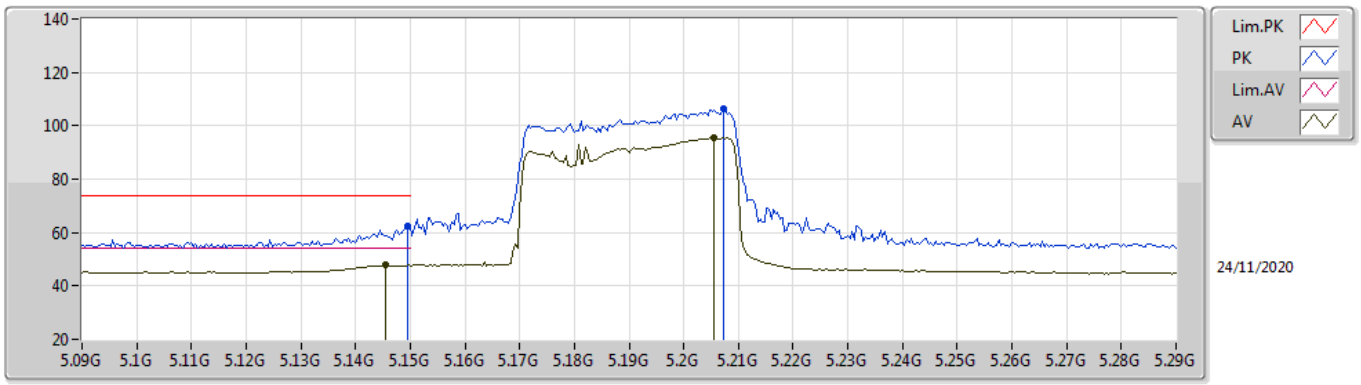
5825MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.6388G	49.53	54.00	-4.47	18.88	3	Horizontal	214	1.79	-	30.65	39.67	9.54	30.33
PK	11.6402G	64.69	74.00	-9.31	18.87	3	Horizontal	214	1.79	-	45.82	39.66	9.54	30.33

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

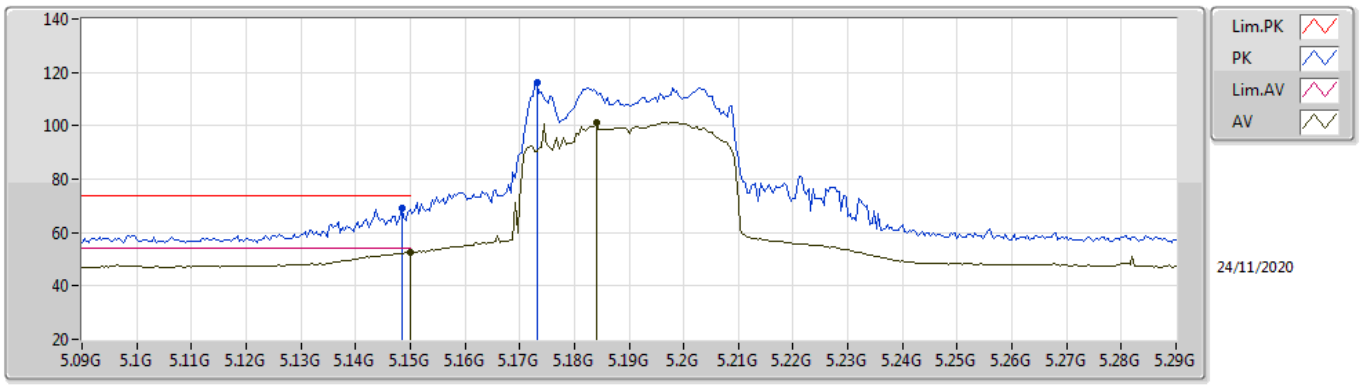
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1456G	47.76	54.00	-6.24	9.58	3	Vertical	250	1.00	-	38.18	31.99	6.77	29.18
AV	5.2056G	95.37	Inf	-Inf	9.38	3	Vertical	250	1.00	-	85.99	31.76	6.80	29.18
PK	5.1496G	62.43	74.00	-11.57	9.59	3	Vertical	250	1.00	-	52.84	32.00	6.77	29.18
PK	5.2072G	106.17	Inf	-Inf	9.36	3	Vertical	250	1.00	-	96.81	31.74	6.80	29.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

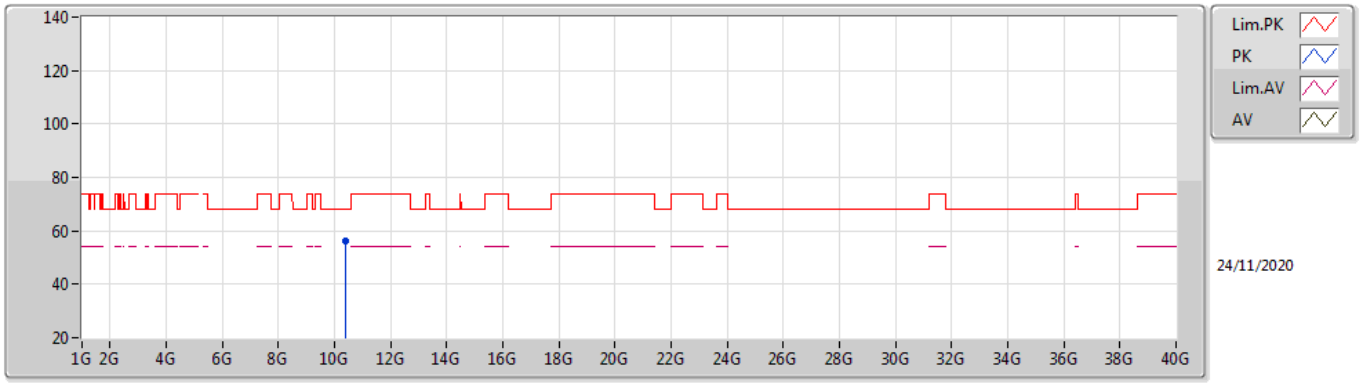
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.70	54.00	-1.30	9.60	3	Horizontal	74	1.00	-	43.10	32.00	6.78	29.18
AV	5.184G	101.46	Inf	-Inf	9.47	3	Horizontal	74	1.00	-	91.99	31.86	6.79	29.18
PK	5.1484G	68.88	74.00	-5.12	9.59	3	Horizontal	74	1.00	-	59.29	32.00	6.77	29.18
PK	5.1732G	115.99	Inf	-Inf	9.52	3	Horizontal	74	1.00	-	106.47	31.91	6.79	29.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

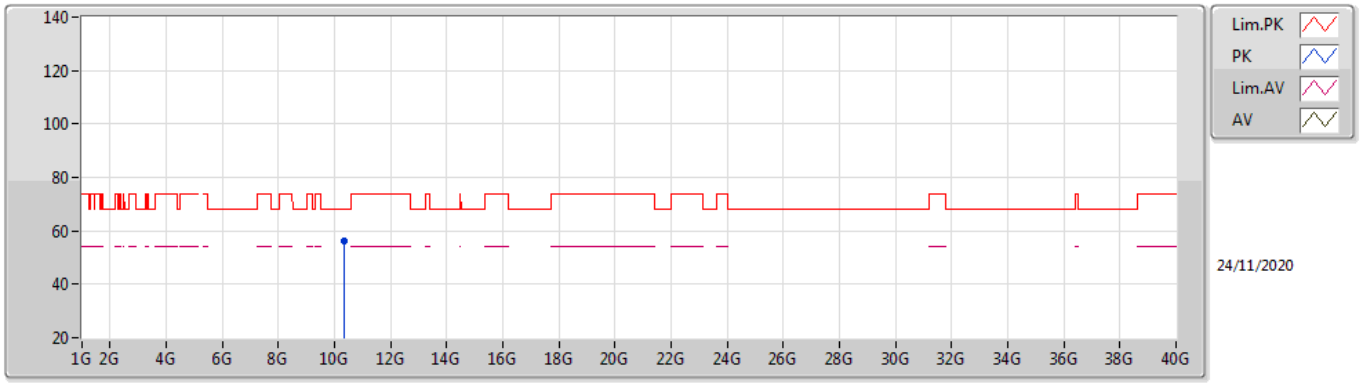
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.38406G	56.39	68.20	-11.81	18.15	3	Vertical	288	2.23	-	38.24	39.54	8.97	30.36

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

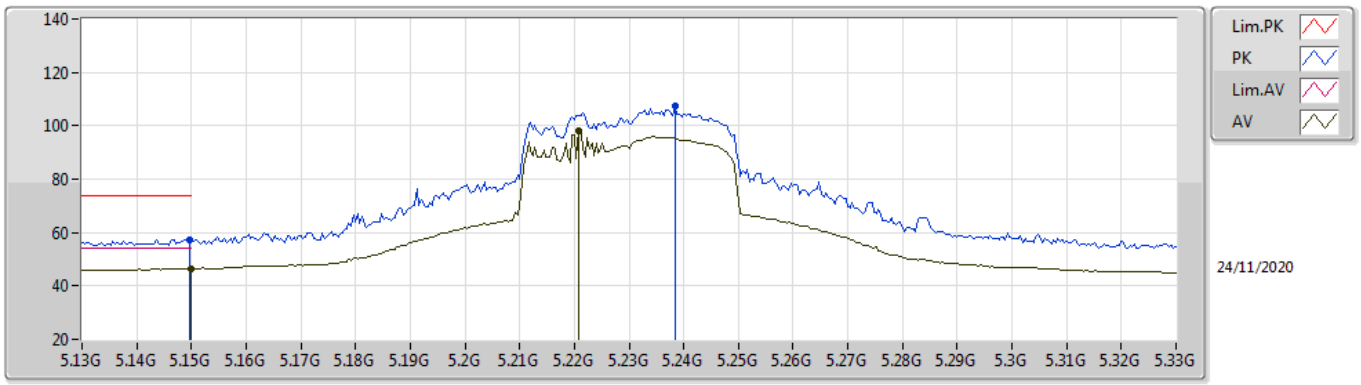
5190MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.34654G	56.41	68.20	-11.79	18.01	3	Horizontal	81	1.47	-	38.40	39.39	8.96	30.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

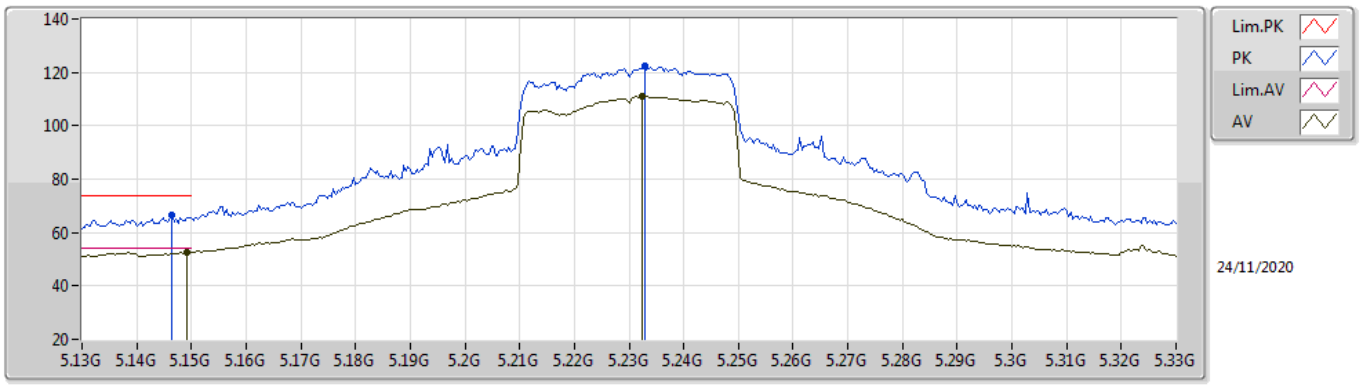
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	46.51	54.00	-7.49	9.60	3	Vertical	39	2.99	-	36.91	32.00	6.78	29.18
AV	5.2208G	98.08	Inf	-Inf	9.25	3	Vertical	39	2.99	-	88.83	31.63	6.80	29.18
PK	5.1496G	57.42	74.00	-16.58	9.59	3	Vertical	39	2.99	-	47.83	32.00	6.77	29.18
PK	5.2384G	107.63	Inf	-Inf	9.11	3	Vertical	39	2.99	-	98.52	31.49	6.80	29.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

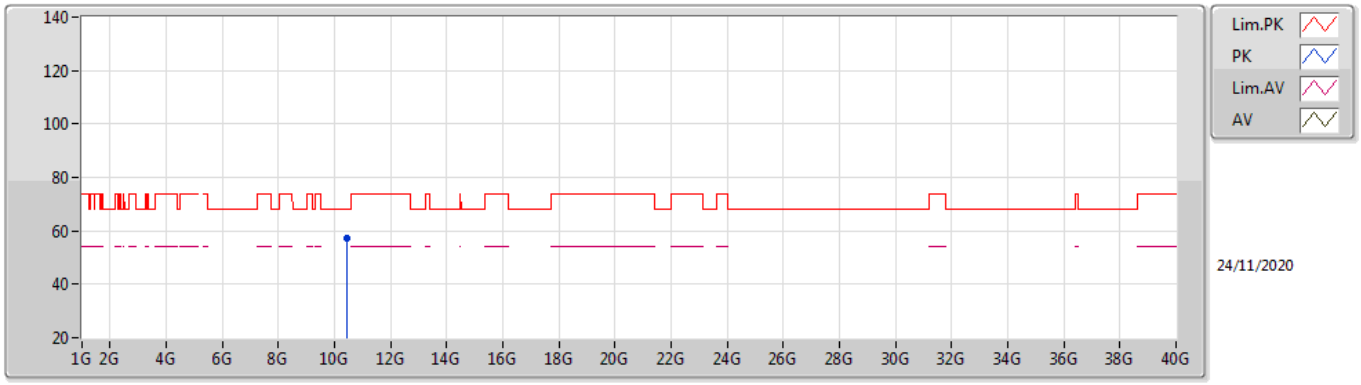
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.1492G	52.69	54.00	-1.31	9.59	3	Horizontal	75	1.00	-	43.10	32.00	6.77	29.18
AV	5.2324G	110.86	Inf	-Inf	9.16	3	Horizontal	75	1.00	-	101.70	31.54	6.80	29.18
PK	5.1464G	66.66	74.00	-7.34	9.58	3	Horizontal	75	1.00	-	57.08	31.99	6.77	29.18
PK	5.2328G	122.24	Inf	-Inf	9.16	3	Horizontal	75	1.00	-	113.08	31.54	6.80	29.18

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

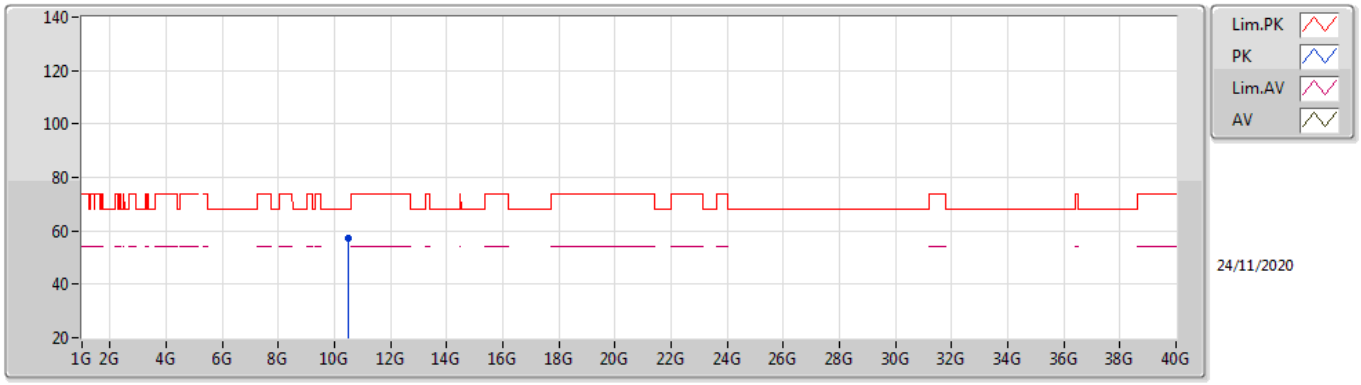
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.4602G	57.31	68.20	-10.89	18.29	3	Vertical	143	1.94	-	39.02	39.66	9.01	30.38

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

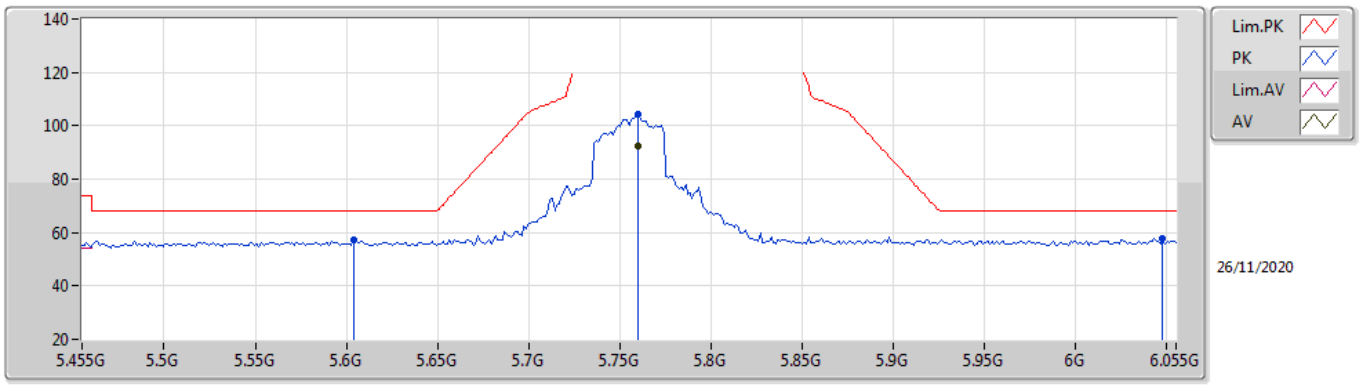
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.47411G	57.49	68.20	-10.71	18.30	3	Horizontal	188	2.51	-	39.19	39.67	9.01	30.38

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

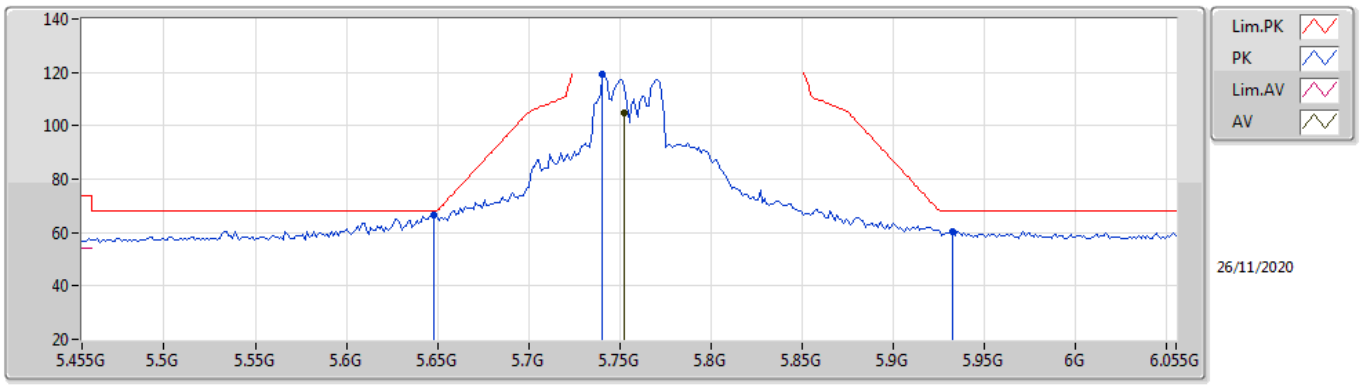
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7598G	92.36	Inf	-Inf	9.69	3	Vertical	214	1.13	-	82.67	32.00	6.98	29.29
PK	5.6038G	57.11	68.20	-11.09	9.54	3	Vertical	214	1.13	-	47.57	31.88	6.90	29.24
PK	5.7598G	104.13	Inf	-Inf	9.69	3	Vertical	214	1.13	-	94.44	32.00	6.98	29.29
PK	6.0478G	57.76	68.20	-10.44	10.31	3	Vertical	214	1.13	-	47.45	32.59	7.12	29.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

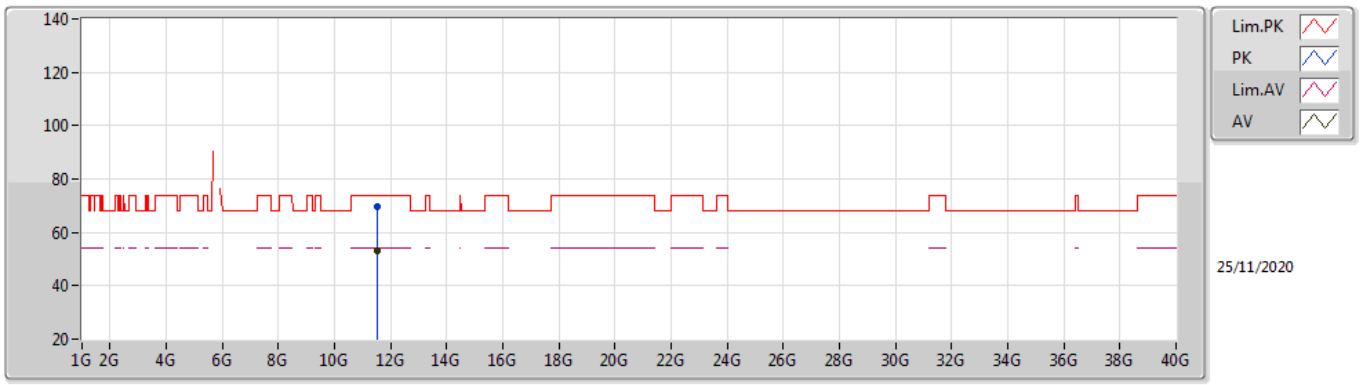
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7526G	104.66	Inf	-Inf	9.69	3	Horizontal	56	2.24	-	94.97	32.00	6.98	29.29
PK	5.6482G	66.78	68.20	-1.42	9.38	3	Horizontal	56	2.24	-	57.40	31.71	6.92	29.25
PK	5.7406G	119.52	Inf	-Inf	9.67	3	Horizontal	56	2.24	-	109.85	31.98	6.97	29.28
PK	5.9326G	60.58	68.20	-7.62	10.05	3	Horizontal	56	2.24	-	50.53	32.33	7.07	29.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

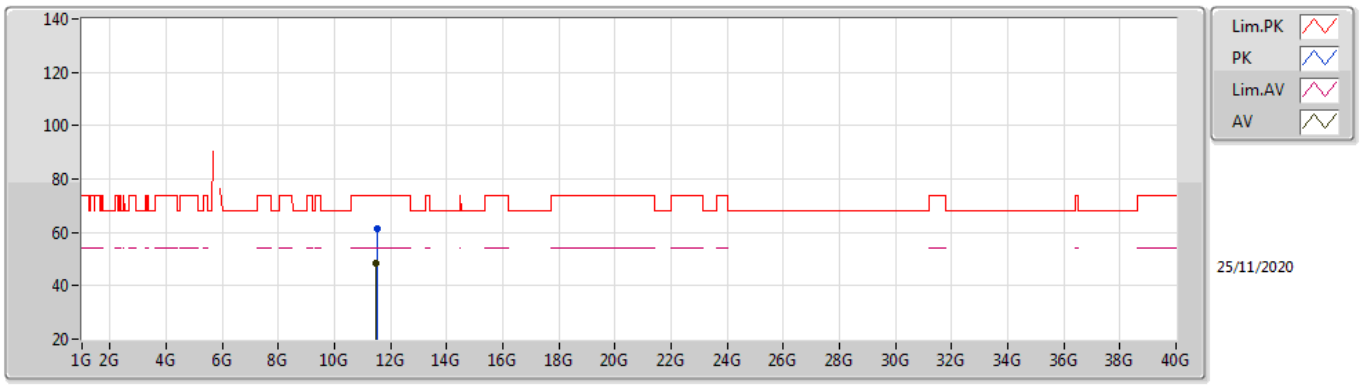
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5184G	53.00	54.00	-1.00	19.09	3	Vertical	258	1.82	-	33.91	39.98	9.48	30.37
PK	11.5121G	69.43	74.00	-4.57	19.09	3	Vertical	258	1.82	-	50.34	39.99	9.48	30.38

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

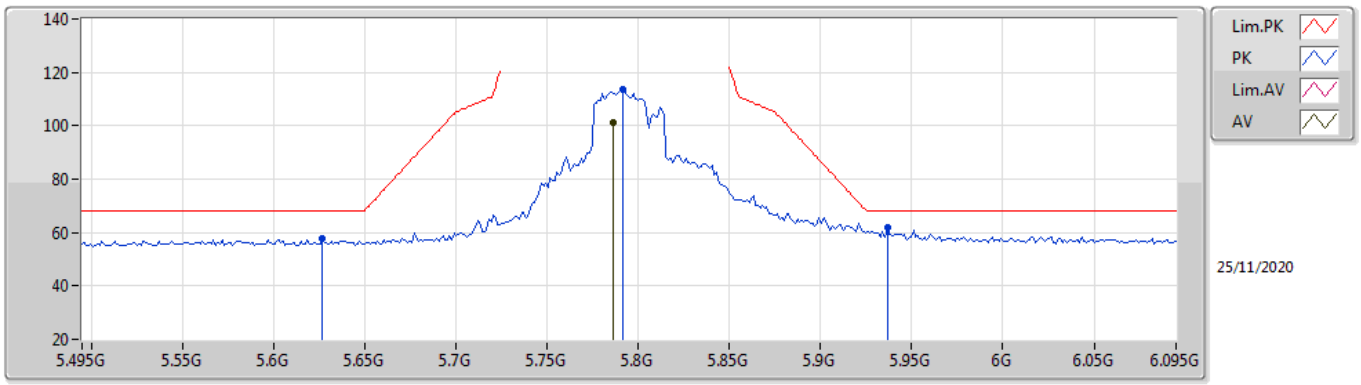
5755MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.4931G	48.20	54.00	-5.80	19.08	3	Horizontal	178	2.33	-	29.12	39.99	9.47	30.38
PK	11.5114G	61.30	74.00	-12.70	19.09	3	Horizontal	178	2.33	-	42.21	39.99	9.48	30.38

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

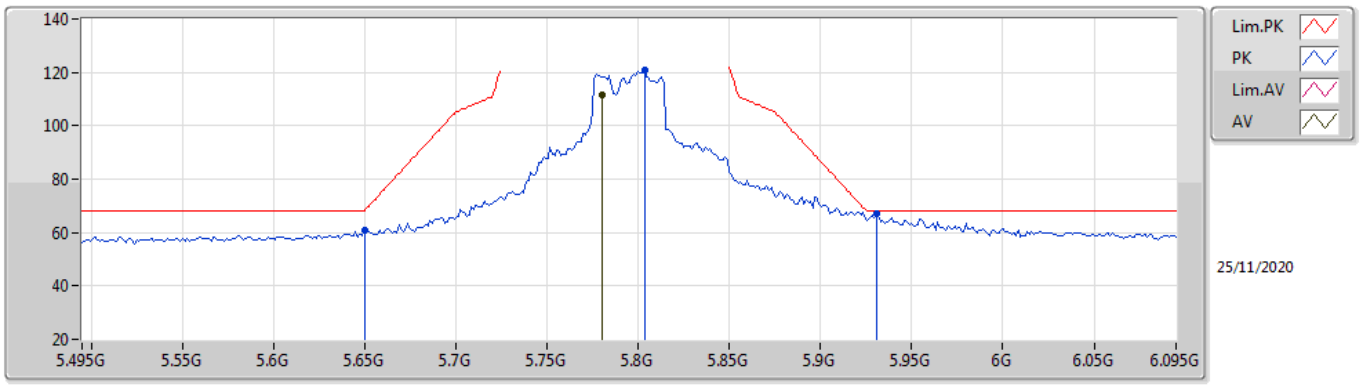
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7866G	101.21	Inf	-Inf	9.69	3	Vertical	197	3.00	-	91.52	32.00	6.99	29.30
PK	5.627G	57.70	68.20	-10.50	9.46	3	Vertical	197	3.00	-	48.24	31.79	6.91	29.24
PK	5.7914G	113.50	Inf	-Inf	9.70	3	Vertical	197	3.00	-	103.80	32.00	7.00	29.30
PK	5.9366G	61.87	68.20	-6.33	10.07	3	Vertical	197	3.00	-	51.80	32.35	7.07	29.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

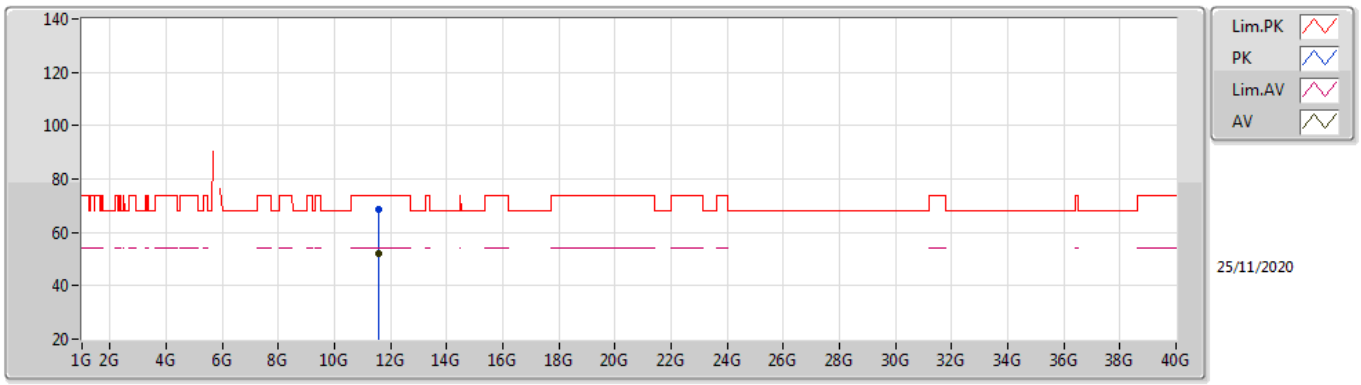
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.7806G	111.40	Inf	-Inf	9.69	3	Horizontal	45	2.30	-	101.71	32.00	6.99	29.30
PK	5.6498G	60.79	68.20	-7.41	9.37	3	Horizontal	45	2.30	-	51.42	31.70	6.92	29.25
PK	5.8034G	120.70	Inf	-Inf	9.71	3	Horizontal	45	2.30	-	110.99	32.01	7.00	29.30
PK	5.9306G	67.02	68.20	-1.18	10.04	3	Horizontal	45	2.30	-	56.98	32.32	7.07	29.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

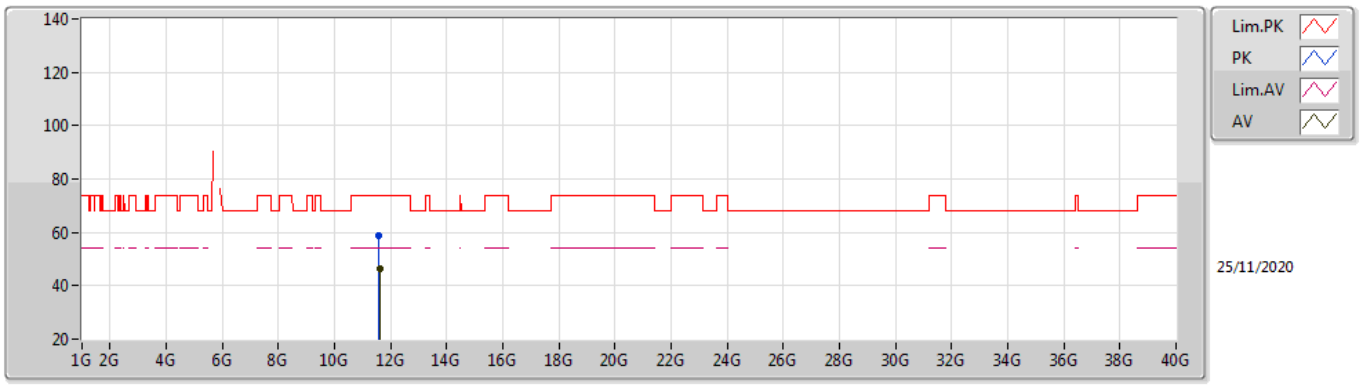
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5973G	52.06	54.00	-1.94	19.07	3	Vertical	268	1.80	-	32.99	39.90	9.52	30.35
PK	11.5899G	68.51	74.00	-5.49	19.08	3	Vertical	268	1.80	-	49.43	39.91	9.52	30.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

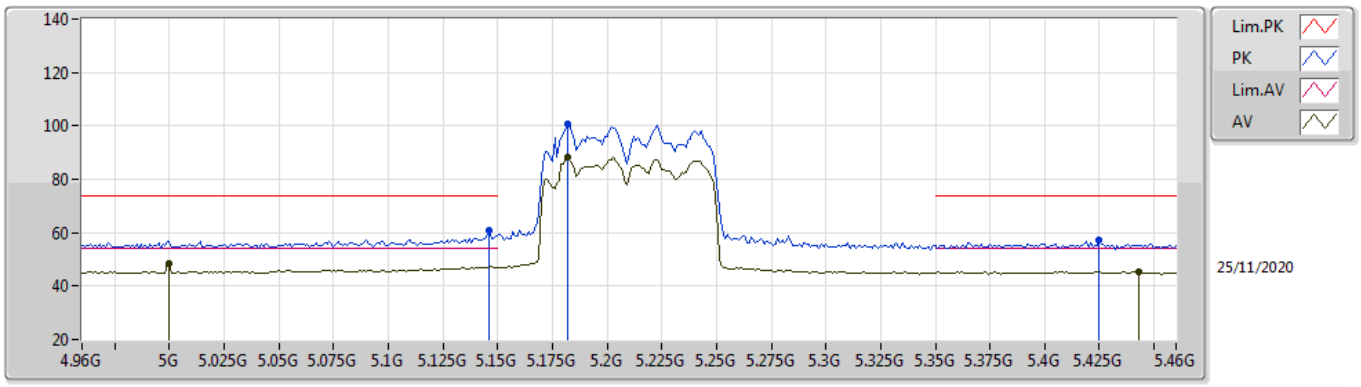
5795MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.5994G	46.55	54.00	-7.45	19.07	3	Horizontal	134	1.49	-	27.48	39.90	9.52	30.35
PK	11.5976G	58.84	74.00	-15.16	19.07	3	Horizontal	134	1.49	-	39.77	39.90	9.52	30.35

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

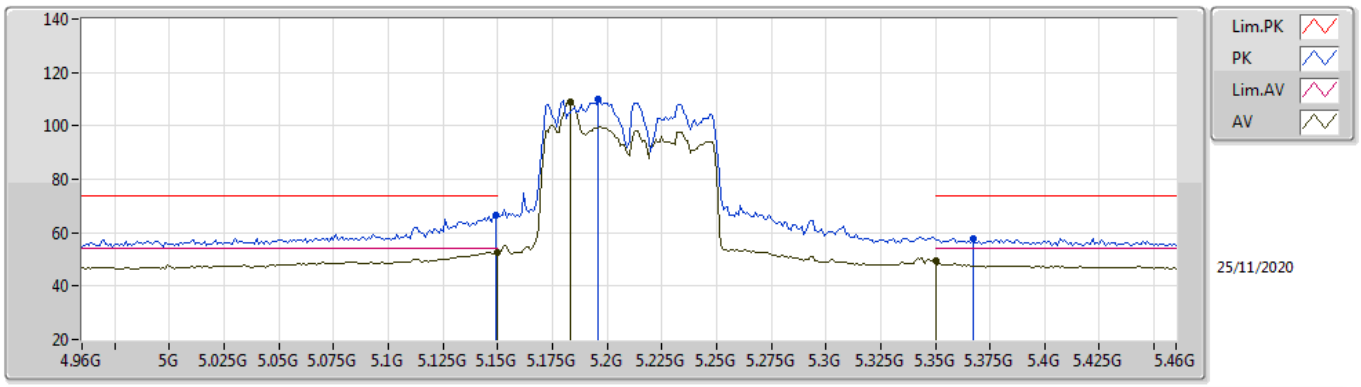
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5G	48.58	54.00	-5.42	8.73	3	Vertical	81	2.72	-	39.85	31.20	6.70	29.17
AV	5.182G	88.30	Inf	-Inf	9.48	3	Vertical	81	2.72	-	78.82	31.87	6.79	29.18
AV	5.443G	45.48	54.00	-8.52	9.21	3	Vertical	81	2.72	-	36.27	31.59	6.82	29.20
PK	5.146G	61.02	74.00	-12.98	9.58	3	Vertical	81	2.72	-	51.44	31.99	6.77	29.18
PK	5.182G	100.45	Inf	-Inf	9.48	3	Vertical	81	2.72	-	90.97	31.87	6.79	29.18
PK	5.425G	57.21	74.00	-16.79	9.16	3	Vertical	81	2.72	-	48.05	31.55	6.81	29.20

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

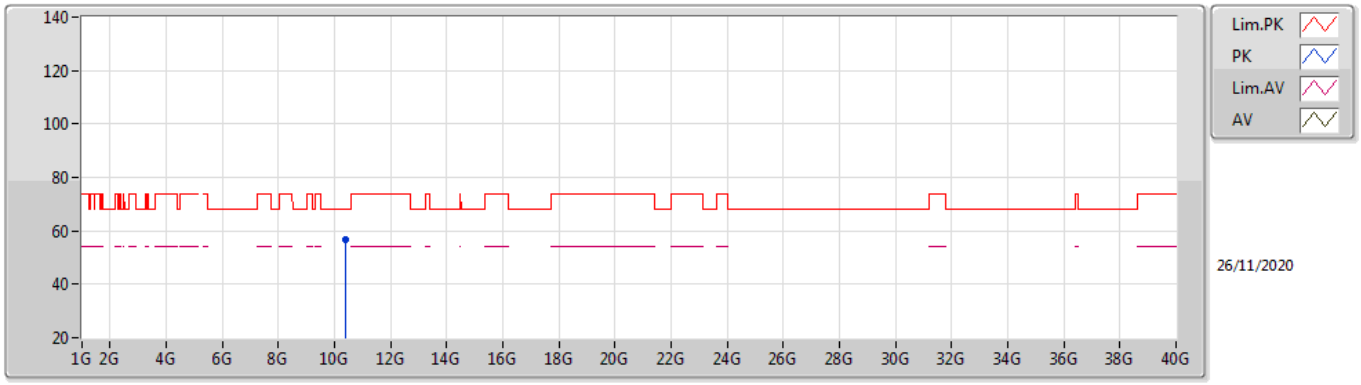
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.15G	52.61	54.00	-1.39	9.60	3	Horizontal	30	1.49	-	43.01	32.00	6.78	29.18
AV	5.183G	108.91	Inf	-Inf	9.48	3	Horizontal	30	1.49	-	99.43	31.87	6.79	29.18
AV	5.35G	49.39	54.00	-4.61	8.71	3	Horizontal	30	1.49	-	40.68	31.10	6.80	29.19
PK	5.149G	66.76	74.00	-7.24	9.59	3	Horizontal	30	1.49	-	57.17	32.00	6.77	29.18
PK	5.196G	110.13	Inf	-Inf	9.44	3	Horizontal	30	1.49	-	100.69	31.82	6.80	29.18
PK	5.367G	57.74	74.00	-16.26	8.85	3	Horizontal	30	1.49	-	48.89	31.24	6.80	29.19

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

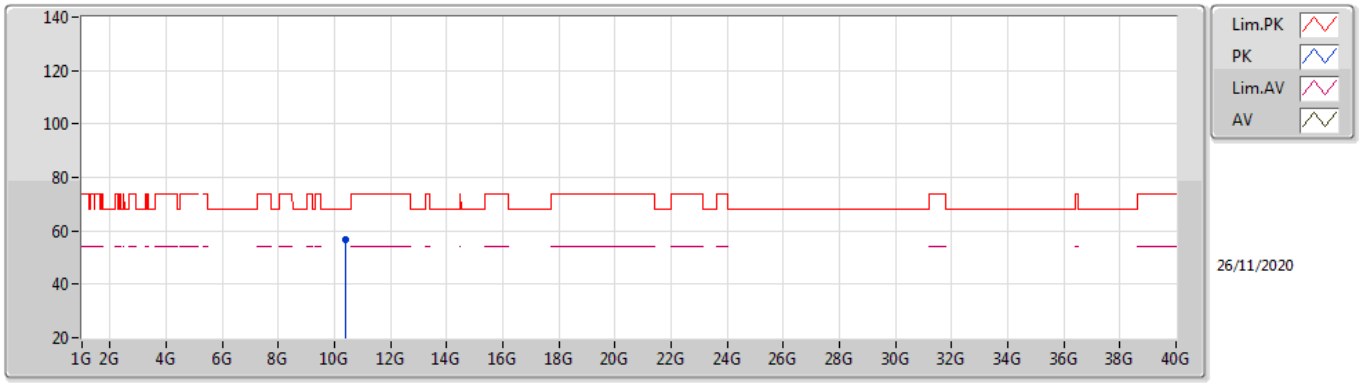
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.41376G	56.81	68.20	-11.39	18.24	3	Vertical	360	1.50	-	38.57	39.61	8.99	30.36

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

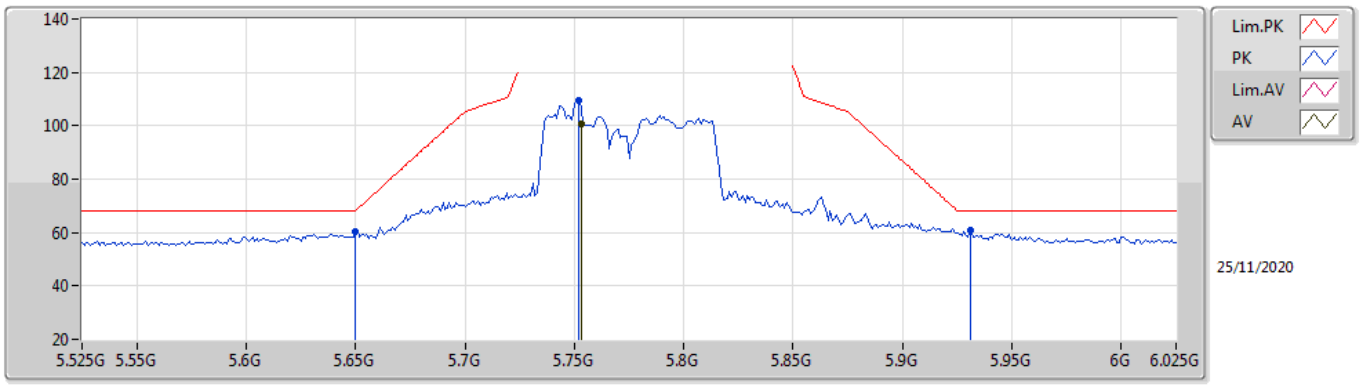
5210MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	10.41388G	56.69	68.20	-11.51	18.24	3	Horizontal	36	2.32	-	38.45	39.61	8.99	30.36

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

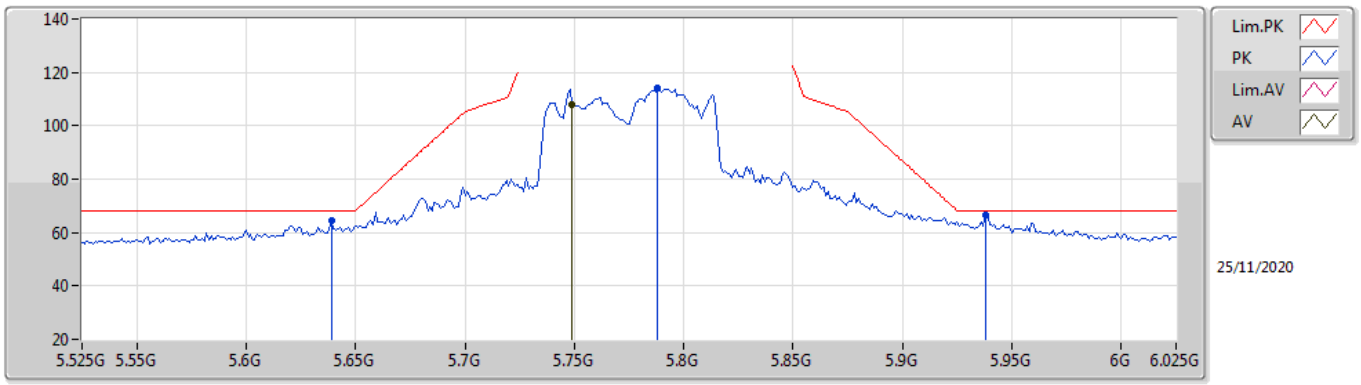
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.753G	100.56	Inf	-Inf	9.69	3	Vertical	204	2.81	-	90.87	32.00	6.98	29.29
PK	5.65G	60.15	68.20	-8.05	9.38	3	Vertical	204	2.81	-	50.77	31.70	6.93	29.25
PK	5.752G	109.50	Inf	-Inf	9.69	3	Vertical	204	2.81	-	99.81	32.00	6.98	29.29
PK	5.931G	61.00	68.20	-7.20	10.04	3	Vertical	204	2.81	-	50.96	32.32	7.07	29.35

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

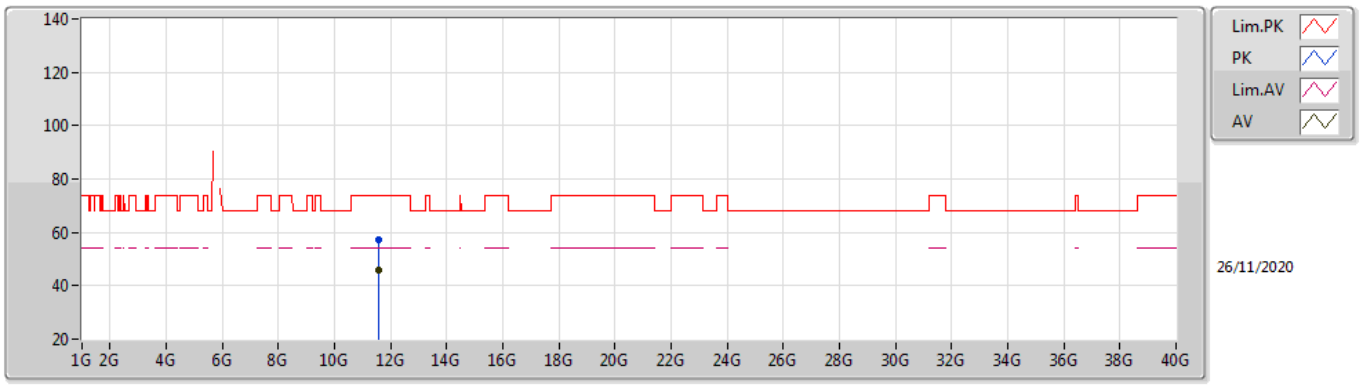
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	5.749G	107.93	Inf	-Inf	9.69	3	Horizontal	17	2.73	-	98.24	32.00	6.97	29.28
PK	5.639G	64.58	68.20	-3.62	9.41	3	Horizontal	17	2.73	-	55.17	31.74	6.92	29.25
PK	5.788G	113.97	Inf	-Inf	9.69	3	Horizontal	17	2.73	-	104.28	32.00	6.99	29.30
PK	5.938G	66.50	68.20	-1.70	10.07	3	Horizontal	17	2.73	-	56.43	32.35	7.07	29.35

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

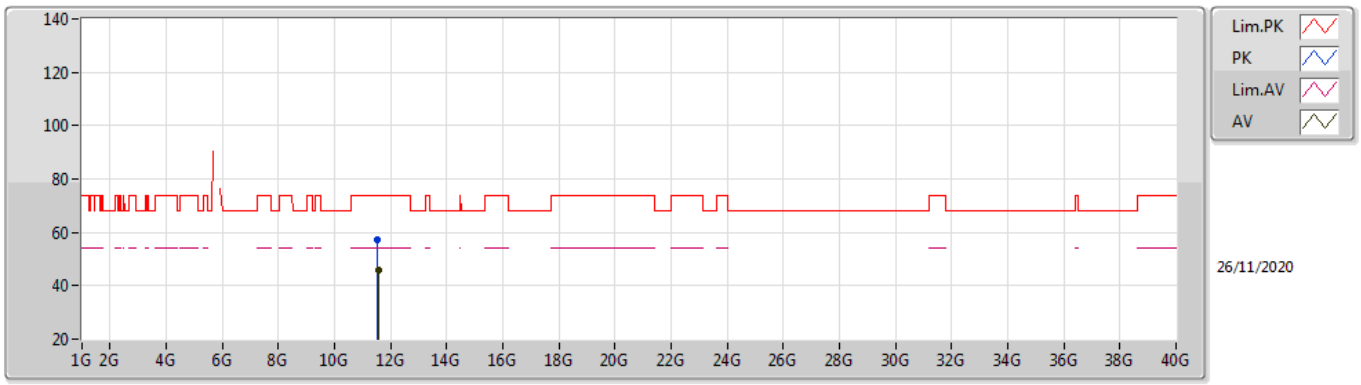
5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.59G	45.78	54.00	-8.22	19.08	3	Vertical	270	1.50	-	26.70	39.91	9.52	30.35
PK	11.5844G	57.35	74.00	-16.65	19.08	3	Vertical	270	1.50	-	38.27	39.92	9.51	30.35

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	11.58696G	45.89	54.00	-8.11	19.07	3	Horizontal	228	1.50	-	26.82	39.91	9.51	30.35
PK	11.53304G	57.34	74.00	-16.66	19.09	3	Horizontal	228	1.50	-	38.25	39.97	9.49	30.37