

FCC Radio Test Report

FCC ID : TOR-C360
Equipment : 802.11 a/n/ac/ax + b/g/n/ax Access Point
Brand Name : Arista
Model Name : C-360
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 29, 2021, and testing was started from Sep. 20, 2021 and completed on Dec. 14, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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History of this test report

[illegible]

Summary of Test Result

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

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Sam Tsai

Report Producer: Jenny Yang

1 General Description

1.1 Information

1.1.1 RF General Information

<Radio2>

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

<Radio3>

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5725-5850	a, n (HT20), ac (VHT20), ax (HEW20)	5745-5825	149-165 [5]
5725-5850	n (HT40), ac (VHT40) , ax (HEW40)	5755-5795	151-159 [2]
5725-5850	ac (VHT80), ax (HEW80)	5775	155 [1]

Non-Beamforming

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

Beamforming

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

<Radio4>

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40) , ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

Non-Beamforming

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Senao	5718A0624300	PIFA	I-Pex	2.4G	1
2	Senao	5718A0625300	PIFA	I-Pex	2.4G	
3	Senao	5718A0626300	PIFA	I-Pex	2.4G	
4	Senao	5718A0627300	PIFA	I-Pex	2.4G	
5	Senao	5718A0649300	PIFA	I-Pex	5G	2
6	Senao	5718A0650300	PIFA	I-Pex	5G	
7	Senao	5718A0651300	PIFA	I-Pex	5G	
8	Senao	5718A0652300	PIFA	I-Pex	5G	
9	Senao	5718A0649300	PIFA	I-Pex	5G	3
10	Senao	5718A0650300	PIFA	I-Pex	5G	
11	Senao	5718A0651300	PIFA	I-Pex	5G	
12	Senao	5718A0652300	PIFA	I-Pex	5G	
13	Senao	5718A0631300	PIFA	I-Pex	2.4G+5G	4
14	Senao	5718A0632300	PIFA	I-Pex	2.4G+5G	
15	Senao	5718A0633300	Dipole	I-Pex	BT	-

Ant.	Port	Max Peak Gain (dBi)		
		2.4G	5G	BT
1	1	4.18	-	-
2	2	4.12	-	-
3	3	4.24	-	-
4	4	4.15	-	-
5	1	-	6.12	-
6	2	-	6.29	-
7	3	-	5.99	-
8	4	-	6.18	-
9	1	-	6.26	-
10	2	-	5.98	-
11	3	-	6.08	-
12	4	-	5.82	-
13	1	4.22	6.23	-
14	2	4.29	5.67	-
15	1	-	-	5.63

Ant.	Port	Composite Gain (dBi)				
		2.4G	5G			
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
1	1	5.42	-	-	-	-
2	2					
3	3					
4	4					
5	1	-	6.65	5.37	5.57	5.16
6	2					
7	3					
8	4					
9	1	-	-	-	8.08	7.56
10	2					
11	3					
12	4					

Note 1: The EUT has fifteen antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) **(Radio4)**

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode (4TX/4RX) **(Radio1)**

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

For BT function:

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

Only Ant. 15 (port 1) can be used as transmitting/receiving.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) **(Radio4)**

Ant. 13 (port 1) and Ant. 14 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX) **(Radio2)**

Ant. 5 (port 1), Ant. 6 (port 2), Ant. 7 (port 3) and Ant. 8 (port 4) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (4TX/4RX) **(Radio3)**

Ant. 9 (port 1), Ant. 10 (port 2), Ant. 11 (port 3) and Ant. 12 (port 4) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒	Indoor AP (Radio2 & Radio3)
	☐ Fixed P2P AP	☒	Indoor Client (Radio4)
Beamforming Function	☒ With beamforming	☐	Without beamforming
Resource Unit(802.11ax)	☒ Full RU	☐	Partial RU
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming_Radio2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.952	0.21	1.976m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.942	0.26	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.959	0.18	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.938	0.28	5.446m	300

Non-Beamforming_Radio3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.956	0.2	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.82	0.86	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.807	0.93	5.444m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.82	0.86	5.444m	300

Non-Beamforming_Radio4

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a_Nss1,(6Mbps)_2TX	0.943	0.25	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.919	0.37	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.922	0.35	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.928	0.32	5.445m	300

Beamforming_Radio2

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.942	0.26	5.446m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.959	0.18	5.445m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.938	0.28	5.446m	300

Beamforming_Radio3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.82	0.86	5.445m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.807	0.93	5.444m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.82	0.86	5.444m	300

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

1.2 Testing Applied Standards

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

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

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	23.2~23.7°C / 62~63%	14/Oct/2021~15/Oct/2021
RF Conducted	TH06-HY	Alan Chien	20.1~26.9°C / 50~60%	30/Sep/2021~14/Dec/2021
Radiated	03CH02-HY	Jack Tang	20.9~23.9°C / 51~63%	20/Sep/2021~18/Oct/2021 08/Nov/2021~13/Nov/2021
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00076.1
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Non-Beamforming_Radio2

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	16
5200MHz	21.5
5240MHz	18
5745MHz	24
5785MHz	22
5825MHz	20
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	16
5200MHz	20
5240MHz	18.5
5745MHz	22.5
5785MHz	22
5825MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	14.5
5230MHz	17.5
5755MHz	18
5795MHz	20.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	13.5
5775MHz	15.5

Non-Beamforming_Radio3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5745MHz	21
5785MHz	24
5825MHz	24
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5745MHz	21
5785MHz	24
5825MHz	24
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5755MHz	18
5795MHz	19
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5775MHz	15

Non-Beamforming_Radio4

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	16.5
5200MHz	19.5
5240MHz	19
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	15.5
5200MHz	18.5
5240MHz	18.5
5745MHz	24
5785MHz	25.5
5825MHz	24.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	18
5755MHz	20
5795MHz	23.5

Mode	Power Setting
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	14
5775MHz	18

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	Adapter mode
2	PoE 1 mode
3	PoE 2 mode

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	Adapter mode		
2	PoE 1 mode		
3	PoE 2 mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio2,3)		V (Radio4)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 2.4G(Radio4)+Bluetooth
2	WLAN 2.4G(Radio1)+WLAN 5G(Radio2)+WLAN 5G(Radio3)+WLAN 5G(Radio4)+Bluetooth
Refer to Sporton Test Report No.: FA131113 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Bracket ceiling mount	Brand Name	CEN JEY	Model Name	6301A4653010

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

2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1	EnGenius	EPA5006GAT	-	Note 1
4	PoE2	EnGenius	EPA5006GP	-	Note 1

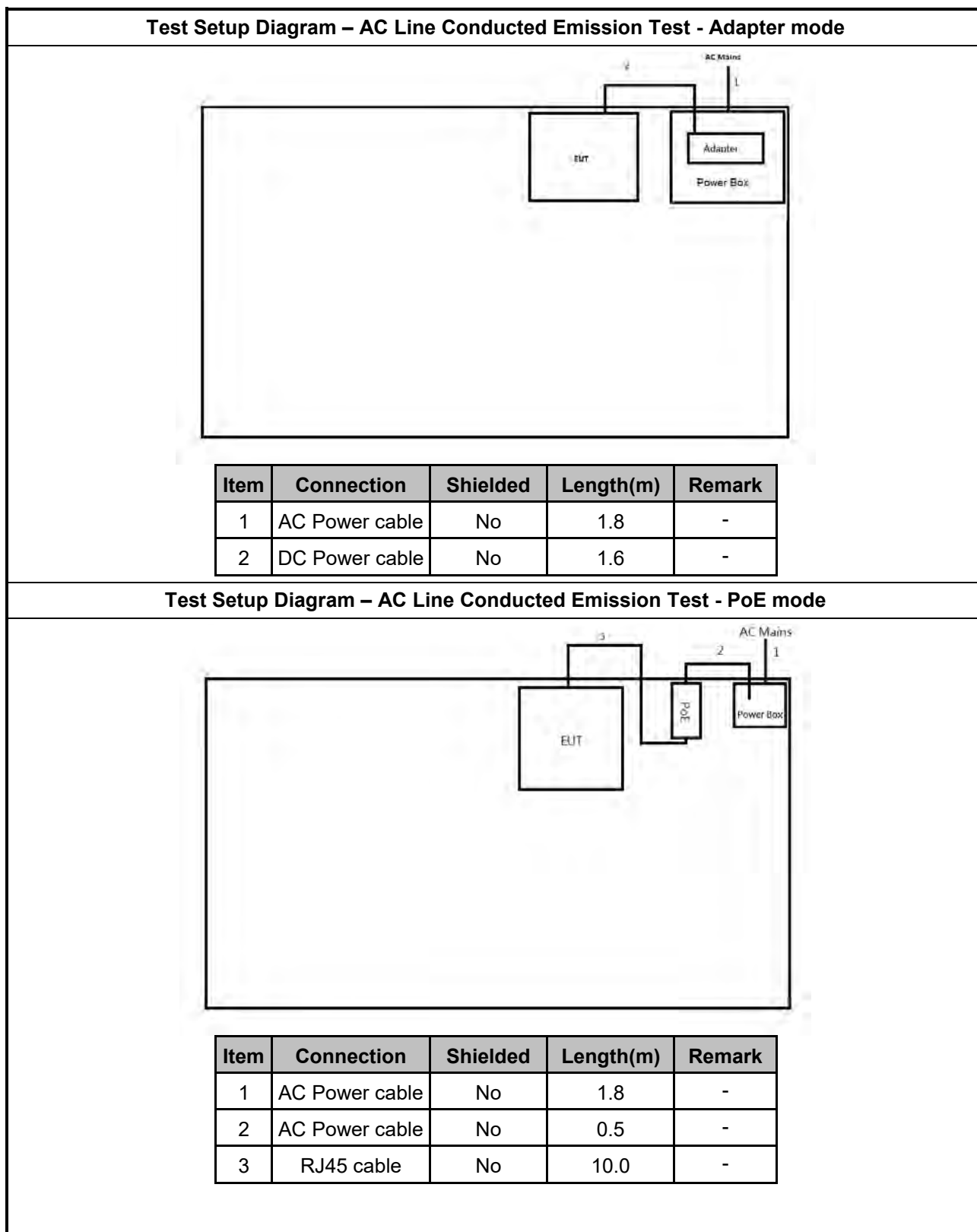
Note 1: Provided by Customer

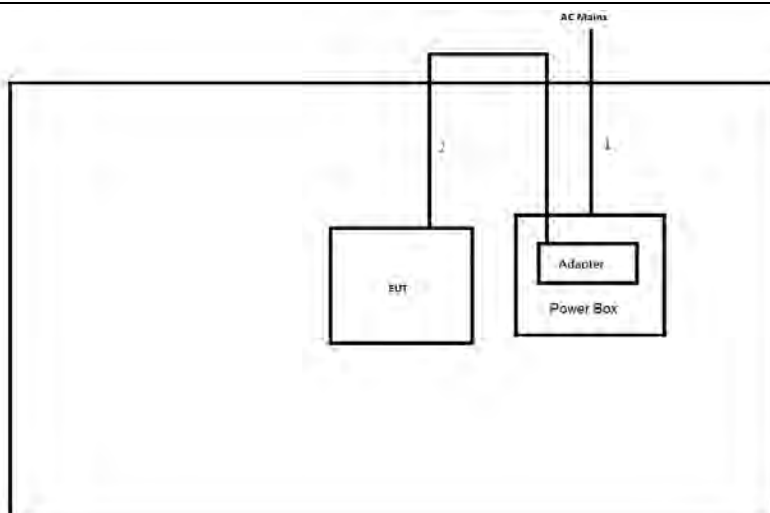
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power Sync	CAT-6E-10	-	-
2	AC Adapter	Powertron Electronics Corp.	PA1045-12HIB330	-	Note 1
3	PoE1 (Remote)	EnGenius	EPA5006GAT	-	Note 1
4	PoE2 (Remote)	EnGenius	EPA5006GP	-	Note 1

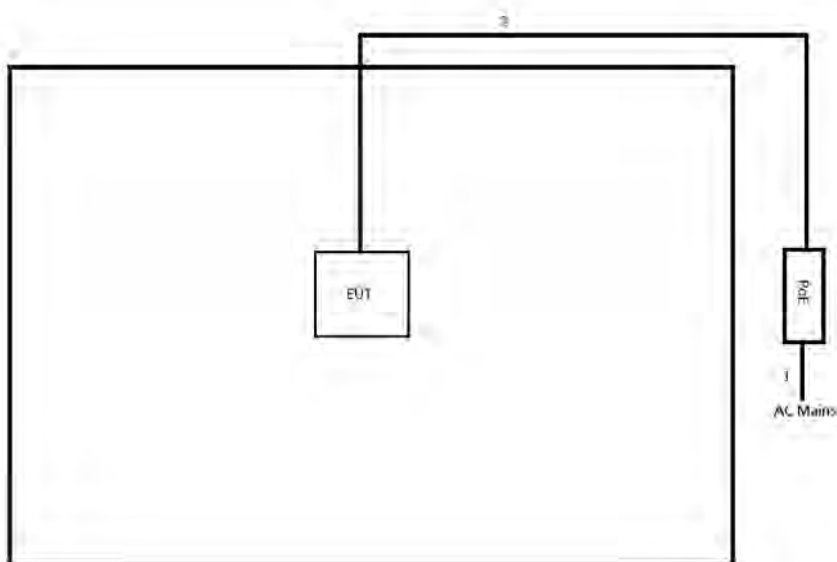
Note 1: Provided by Customer

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test - Adapter mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.6	-

Test Setup Diagram - Radiated Test - PoE mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	0.5	-
2	RJ45 cable	No	10.0	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

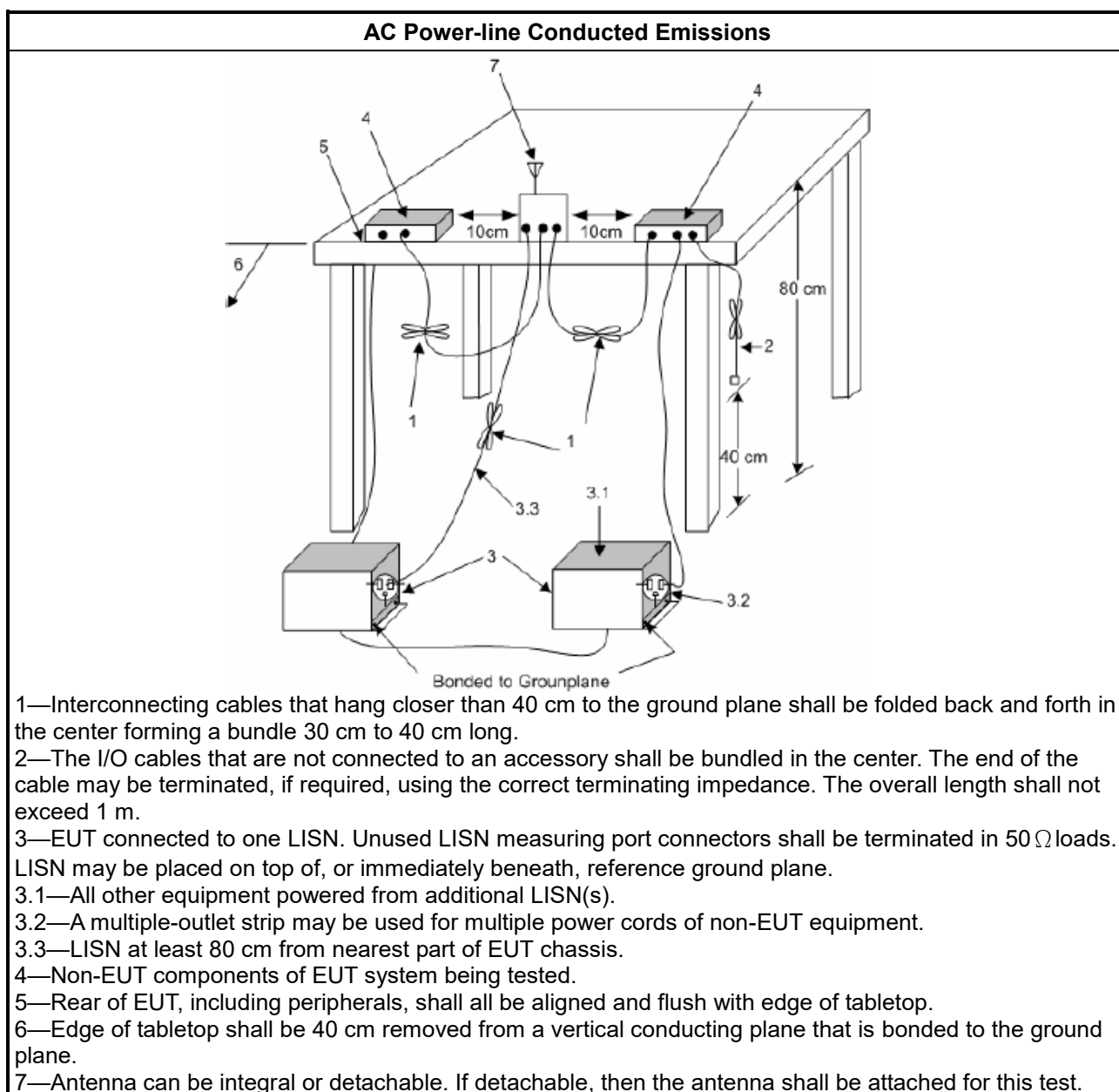
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

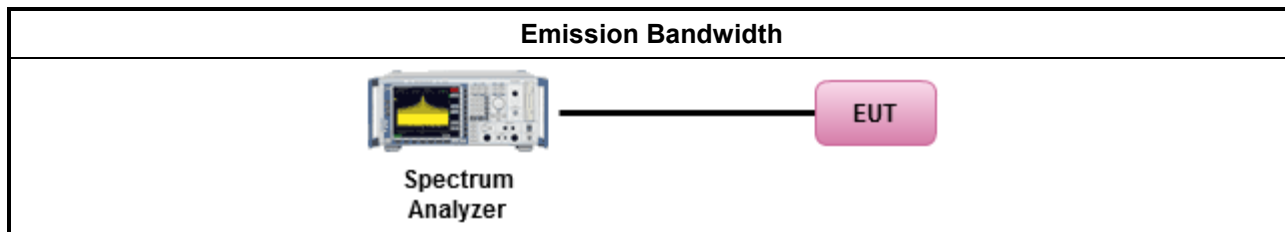
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

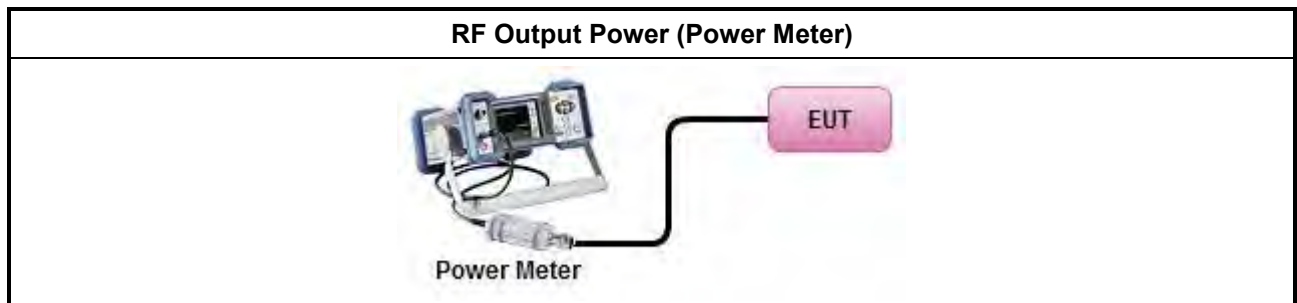
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

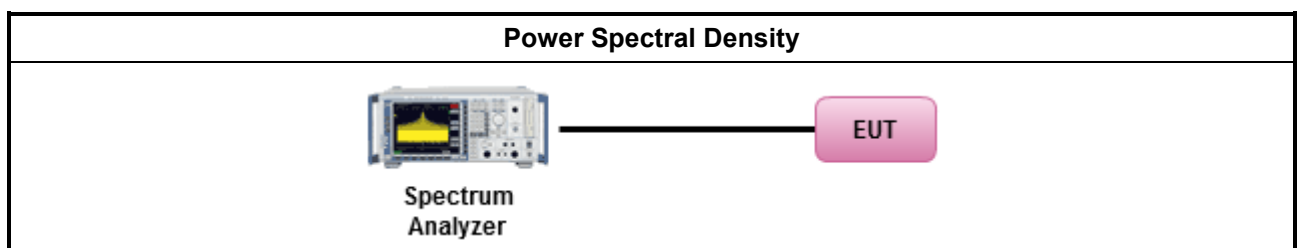
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

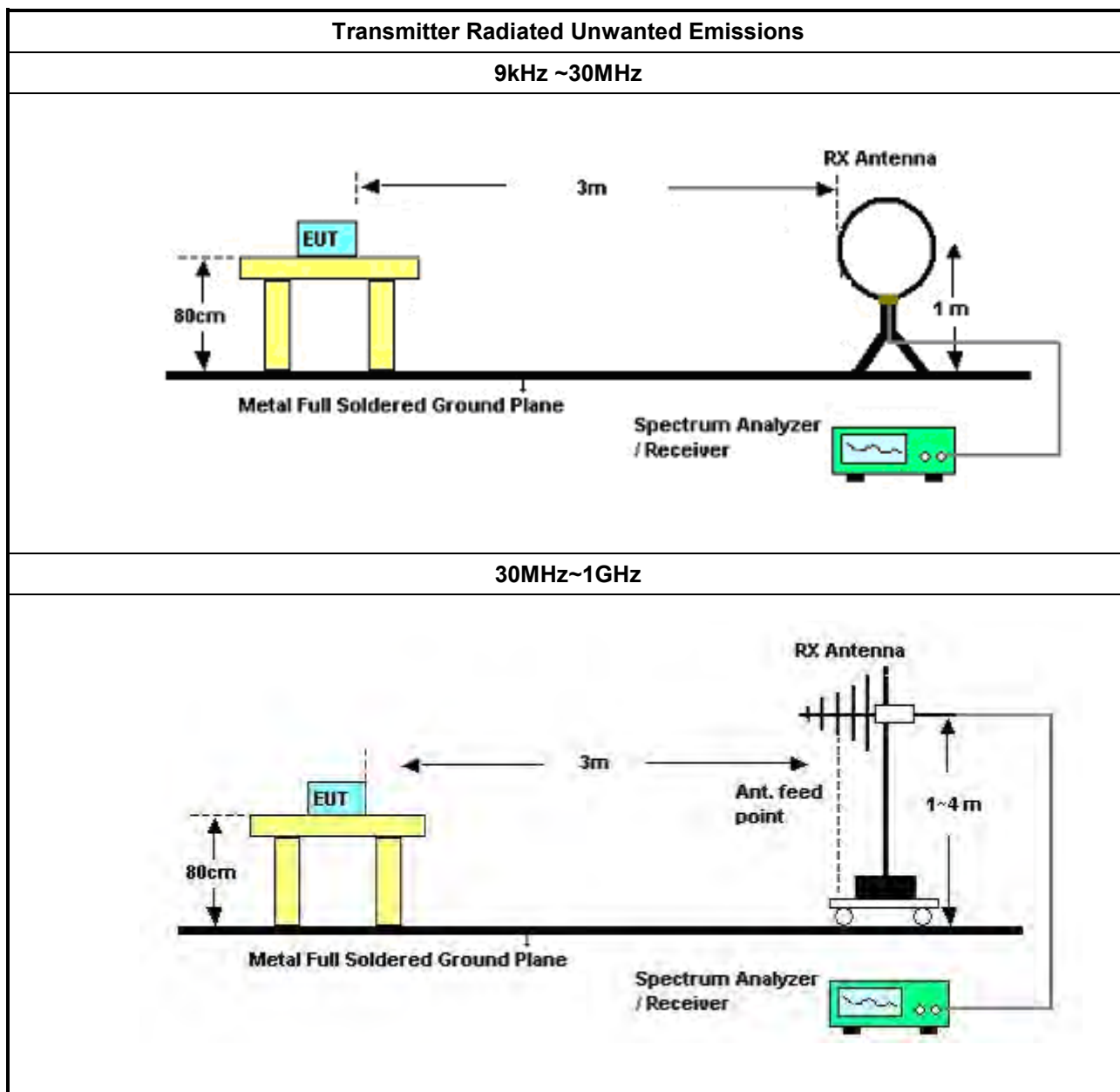
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above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

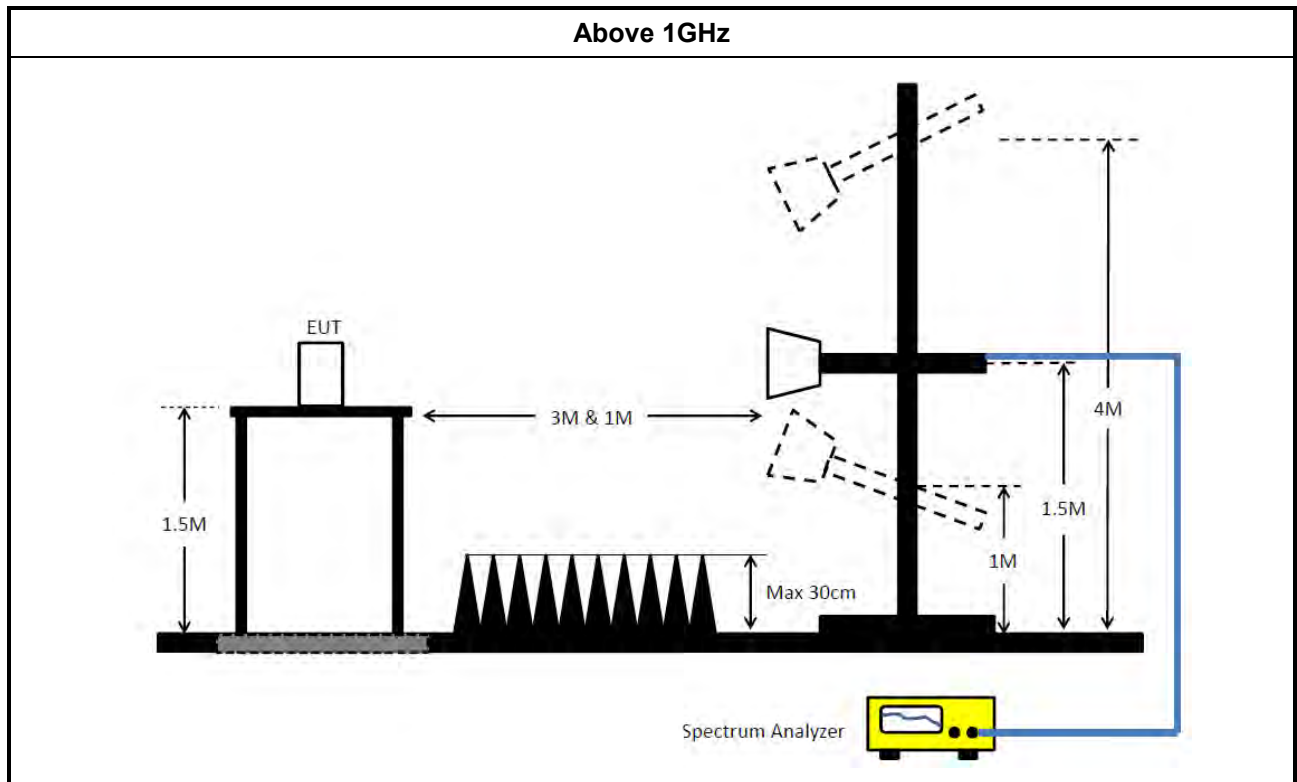
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	15/Sep/2021	14/Sep/2022

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	25/Mar/2021	24/Mar/2022
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
Signal Generator	R&S	SMB100A	181239	1MHz~40GHz	30/Dec/2020	29/Dec/2021

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	12/Mar/2021	11/Mar/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	23/Oct/2020	22/Oct/2021
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	09/Mar/2021	08/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022



Conducted Emissions at Powerline_Non-Beamforming_Radio2 Appendix A.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	57.33	65.96	-8.63	Neutral
Mode 2	Pass	AV	25.857M	45.59	50.00	-4.41	Line
Mode 3	Pass	AV	2.385M	33.98	46.00	-12.02	Line

Mode Configure

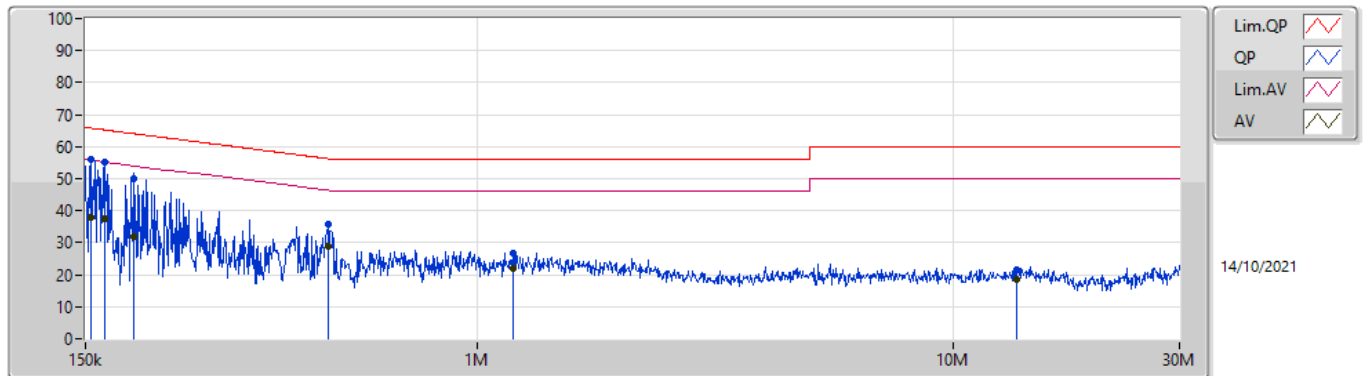
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.251k	55.89	65.77	-9.88	Line	-
Mode 1	Pass	AV	154.251k	37.83	55.77	-17.94	Line	-
Mode 1	Pass	QP	165.082k	55.38	65.20	-9.82	Line	-
Mode 1	Pass	AV	165.082k	37.57	55.20	-17.63	Line	-
Mode 1	Pass	QP	189.08k	50.19	64.07	-13.88	Line	-
Mode 1	Pass	AV	189.08k	32.07	54.07	-22.00	Line	-
Mode 1	Pass	QP	487.008k	35.89	56.21	-20.32	Line	-
Mode 1	Pass	AV	487.008k	28.89	46.21	-17.32	Line	-
Mode 1	Pass	QP	1.191M	26.86	56.00	-29.14	Line	-
Mode 1	Pass	AV	1.191M	22.00	46.00	-24.00	Line	-
Mode 1	Pass	QP	13.597M	21.58	60.00	-38.42	Line	-
Mode 1	Pass	AV	13.597M	18.34	50.00	-31.66	Line	-
Mode 1	Pass	QP	150.6k	57.33	65.96	-8.63	Neutral	-
Mode 1	Pass	AV	150.6k	38.72	55.96	-17.24	Neutral	-
Mode 1	Pass	QP	159.893k	56.13	65.46	-9.33	Neutral	-
Mode 1	Pass	AV	159.893k	39.28	55.46	-16.18	Neutral	-
Mode 1	Pass	QP	193.664k	48.82	63.88	-15.06	Neutral	-
Mode 1	Pass	AV	193.664k	31.81	53.88	-22.07	Neutral	-
Mode 1	Pass	QP	435.504k	33.83	57.15	-23.32	Neutral	-
Mode 1	Pass	AV	435.504k	24.33	47.15	-22.82	Neutral	-
Mode 1	Pass	QP	1.275M	29.86	56.00	-26.14	Neutral	-
Mode 1	Pass	AV	1.275M	24.73	46.00	-21.27	Neutral	-
Mode 1	Pass	QP	10.917M	23.64	60.00	-36.36	Neutral	-
Mode 1	Pass	AV	10.917M	19.68	50.00	-30.32	Neutral	-
Mode 2	Pass	QP	158.622k	49.11	65.54	-16.43	Line	-
Mode 2	Pass	AV	158.622k	35.33	55.54	-20.21	Line	-
Mode 2	Pass	QP	248.05k	38.66	61.81	-23.15	Line	-
Mode 2	Pass	AV	248.05k	36.05	51.81	-15.76	Line	-
Mode 2	Pass	QP	437.246k	39.82	57.11	-17.29	Line	-
Mode 2	Pass	AV	437.246k	33.70	47.11	-13.41	Line	-
Mode 2	Pass	QP	2.256M	42.90	56.00	-13.10	Line	-
Mode 2	Pass	AV	2.256M	34.48	46.00	-11.52	Line	-
Mode 2	Pass	QP	21.178M	38.18	60.00	-21.82	Line	-
Mode 2	Pass	AV	21.178M	31.31	50.00	-18.69	Line	-
Mode 2	Pass	QP	25.857M	48.42	60.00	-11.58	Line	-
Mode 2	Pass	AV	25.857M	45.59	50.00	-4.41	Line	-
Mode 2	Pass	QP	153.636k	45.70	65.81	-20.11	Neutral	-
Mode 2	Pass	AV	153.636k	34.85	55.81	-20.96	Neutral	-
Mode 2	Pass	QP	246.077k	39.11	61.89	-22.78	Neutral	-
Mode 2	Pass	AV	246.077k	36.81	51.89	-15.08	Neutral	-
Mode 2	Pass	QP	444.284k	39.20	56.98	-17.78	Neutral	-
Mode 2	Pass	AV	444.284k	32.10	46.98	-14.88	Neutral	-
Mode 2	Pass	QP	2.274M	43.04	56.00	-12.96	Neutral	-
Mode 2	Pass	AV	2.274M	34.89	46.00	-11.11	Neutral	-
Mode 2	Pass	QP	20.188M	35.47	60.00	-24.53	Neutral	-
Mode 2	Pass	AV	20.188M	28.85	50.00	-21.15	Neutral	-
Mode 2	Pass	QP	27.343M	43.23	60.00	-16.77	Neutral	-
Mode 2	Pass	AV	27.343M	39.50	50.00	-10.50	Neutral	-
Mode 3	Pass	QP	154.251k	49.73	65.77	-16.04	Line	-
Mode 3	Pass	AV	154.251k	37.23	55.77	-18.54	Line	-



Conducted Emissions at Powerline_Non-Beamforming_Radio2 Appendix A.1

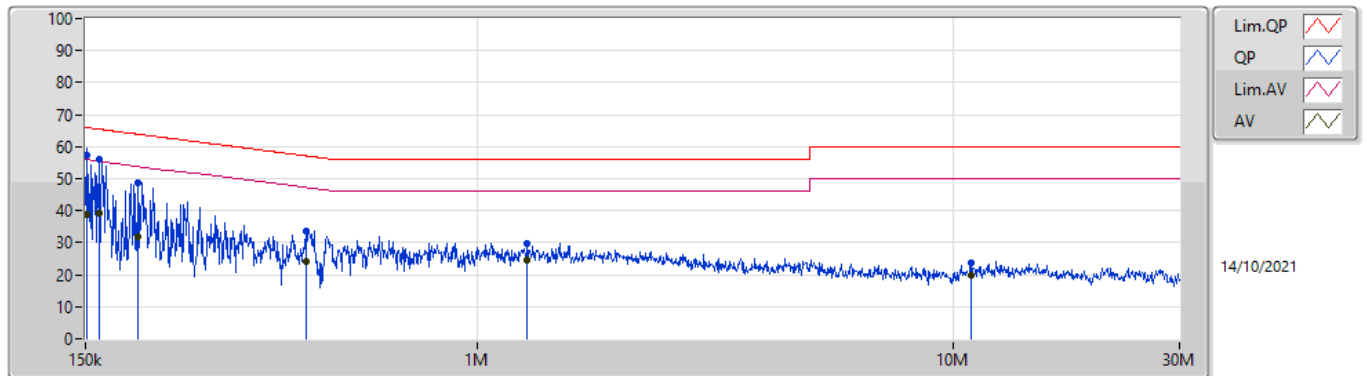
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	163.769k	47.03	65.27	-18.24	Line	-
Mode 3	Pass	AV	163.769k	32.80	55.27	-22.47	Line	-
Mode 3	Pass	QP	175.269k	44.47	64.70	-20.23	Line	-
Mode 3	Pass	AV	175.269k	31.19	54.70	-23.51	Line	-
Mode 3	Pass	QP	447.846k	40.31	56.92	-16.61	Line	-
Mode 3	Pass	AV	447.846k	33.23	46.92	-13.69	Line	-
Mode 3	Pass	QP	2.385M	43.03	56.00	-12.97	Line	-
Mode 3	Pass	AV	2.385M	33.98	46.00	-12.02	Line	-
Mode 3	Pass	QP	20.513M	40.46	60.00	-19.54	Line	-
Mode 3	Pass	AV	20.513M	33.78	50.00	-16.22	Line	-
Mode 3	Pass	QP	151.202k	45.23	65.92	-20.69	Neutral	-
Mode 3	Pass	AV	151.202k	35.27	55.92	-20.65	Neutral	-
Mode 3	Pass	QP	162.467k	43.04	65.33	-22.29	Neutral	-
Mode 3	Pass	AV	162.467k	31.32	55.33	-24.01	Neutral	-
Mode 3	Pass	QP	176.674k	39.59	64.64	-25.05	Neutral	-
Mode 3	Pass	AV	176.674k	29.33	54.64	-25.31	Neutral	-
Mode 3	Pass	QP	435.504k	38.73	57.15	-18.42	Neutral	-
Mode 3	Pass	AV	435.504k	31.92	47.15	-15.23	Neutral	-
Mode 3	Pass	QP	2.433M	40.56	56.00	-15.44	Neutral	-
Mode 3	Pass	AV	2.433M	31.94	46.00	-14.06	Neutral	-
Mode 3	Pass	QP	21.263M	38.86	60.00	-21.14	Neutral	-
Mode 3	Pass	AV	21.263M	31.56	50.00	-18.44	Neutral	-

Conducted Emissions at Powerline_Mode 1



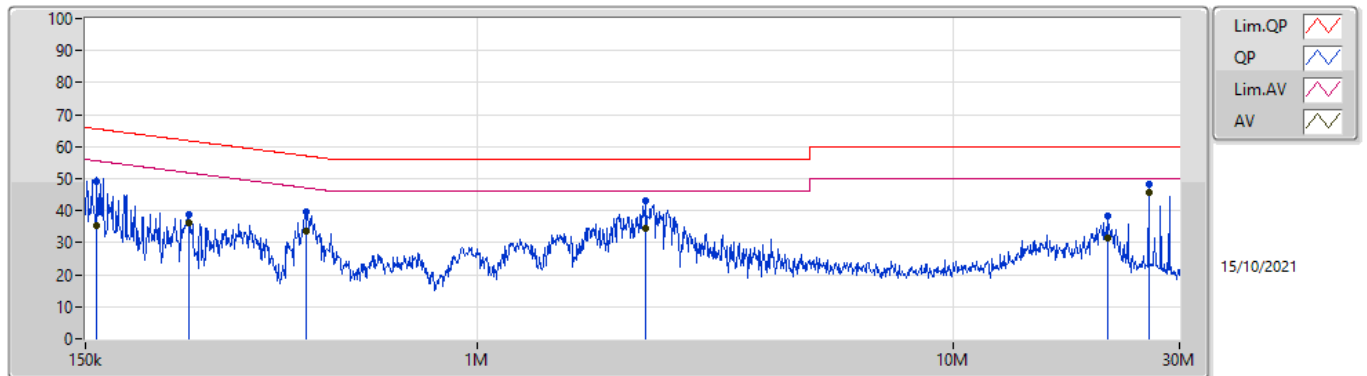
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.251k	55.89	65.77	-9.88	19.62	Line	-	36.27	9.69	0.04	9.89			
AV	154.251k	37.83	55.77	-17.94	19.62	Line	-	18.21	9.69	0.04	9.89			
QP	165.082k	55.38	65.20	-9.82	19.62	Line	-	35.76	9.69	0.04	9.89			
AV	165.082k	37.57	55.20	-17.63	19.62	Line	-	17.95	9.69	0.04	9.89			
QP	189.08k	50.19	64.07	-13.88	19.61	Line	-	30.58	9.68	0.04	9.89			
AV	189.08k	32.07	54.07	-22.00	19.61	Line	-	12.46	9.68	0.04	9.89			
QP	487.008k	35.89	56.21	-20.32	19.62	Line	-	16.27	9.67	0.06	9.89			
AV	487.008k	28.89	46.21	-17.32	19.62	Line	-	9.27	9.67	0.06	9.89			
QP	1.191M	26.86	56.00	-29.14	19.65	Line	-	7.21	9.67	0.09	9.89			
AV	1.191M	22.00	46.00	-24.00	19.65	Line	-	2.35	9.67	0.09	9.89			
QP	13.597M	21.58	60.00	-38.42	19.83	Line	-	1.75	9.70	0.24	9.89			
AV	13.597M	18.34	50.00	-31.66	19.83	Line	-	-1.49	9.70	0.24	9.89			

Conducted Emissions at Powerline_Mode 1



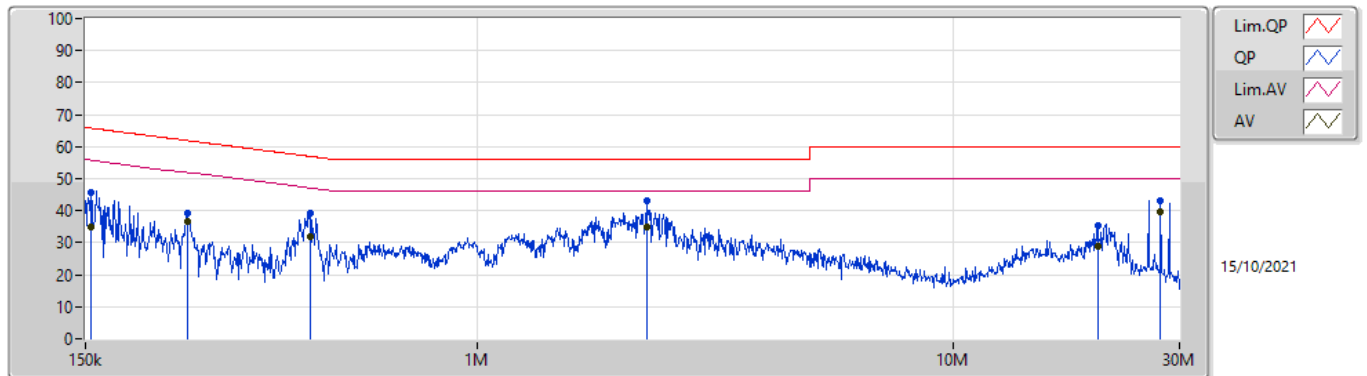
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	57.33	65.96	-8.63	19.62	Neutral	-	37.71	9.69	0.04	9.89			
AV	150.6k	38.72	55.96	-17.24	19.62	Neutral	-	19.10	9.69	0.04	9.89			
QP	159.893k	56.13	65.46	-9.33	19.62	Neutral	-	36.51	9.69	0.04	9.89			
AV	159.893k	39.28	55.46	-16.18	19.62	Neutral	-	19.66	9.69	0.04	9.89			
QP	193.664k	48.82	63.88	-15.06	19.61	Neutral	-	29.21	9.68	0.04	9.89			
AV	193.664k	31.81	53.88	-22.07	19.61	Neutral	-	12.20	9.68	0.04	9.89			
QP	435.504k	33.83	57.15	-23.32	19.62	Neutral	-	14.21	9.67	0.06	9.89			
AV	435.504k	24.33	47.15	-22.82	19.62	Neutral	-	4.71	9.67	0.06	9.89			
QP	1.275M	29.86	56.00	-26.14	19.65	Neutral	-	10.21	9.67	0.09	9.89			
AV	1.275M	24.73	46.00	-21.27	19.65	Neutral	-	5.08	9.67	0.09	9.89			
QP	10.917M	23.64	60.00	-36.36	19.83	Neutral	-	3.81	9.73	0.21	9.89			
AV	10.917M	19.68	50.00	-30.32	19.83	Neutral	-	-0.15	9.73	0.21	9.89			

Conducted Emissions at Powerline_Mode 2



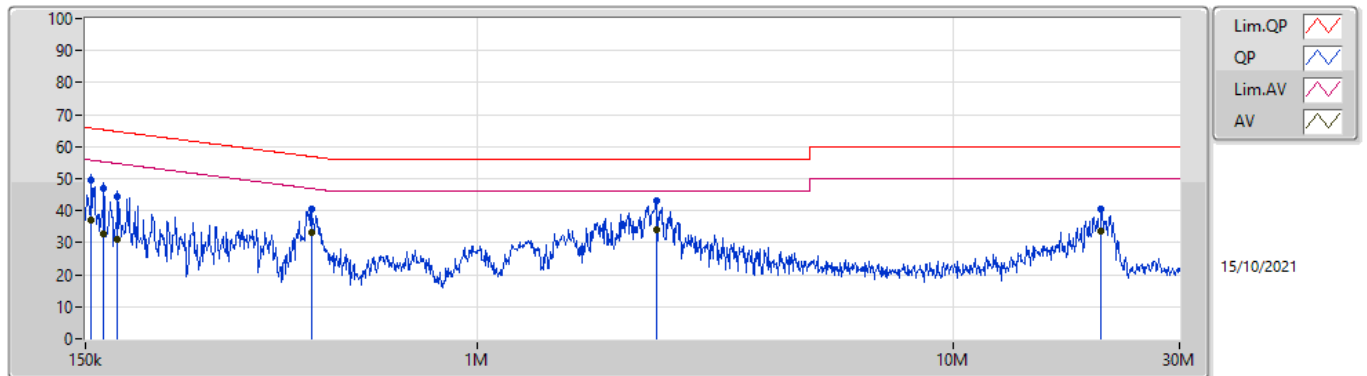
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	158.622k	49.11	65.54	-16.43	19.62	Line	-	29.49	9.69	0.04	9.89			
AV	158.622k	35.33	55.54	-20.21	19.62	Line	-	15.71	9.69	0.04	9.89			
QP	248.05k	38.66	61.81	-23.15	19.62	Line	-	19.04	9.68	0.05	9.89			
AV	248.05k	36.05	51.81	-15.76	19.62	Line	-	16.43	9.68	0.05	9.89			
QP	437.246k	39.82	57.11	-17.29	19.62	Line	-	20.20	9.67	0.06	9.89			
AV	437.246k	33.70	47.11	-13.41	19.62	Line	-	14.08	9.67	0.06	9.89			
QP	2.256M	42.90	56.00	-13.10	19.67	Line	-	23.23	9.68	0.11	9.88			
AV	2.256M	34.48	46.00	-11.52	19.67	Line	-	14.81	9.68	0.11	9.88			
QP	21.178M	38.18	60.00	-21.82	19.85	Line	-	18.33	9.65	0.31	9.89			
AV	21.178M	31.31	50.00	-18.69	19.85	Line	-	11.46	9.65	0.31	9.89			
QP	25.857M	48.42	60.00	-11.58	19.79	Line	-	28.63	9.58	0.32	9.89			
AV	25.857M	45.59	50.00	-4.41	19.79	Line	-	25.80	9.58	0.32	9.89			

Conducted Emissions at Powerline_Mode 2



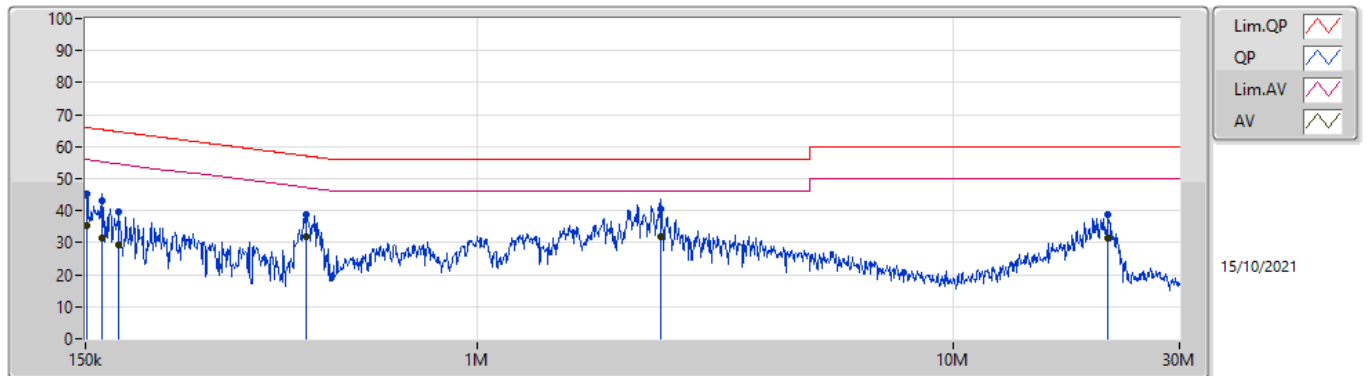
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.636k	45.70	65.81	-20.11	19.62	Neutral	-	26.08	9.69	0.04	9.89			
AV	153.636k	34.85	55.81	-20.96	19.62	Neutral	-	15.23	9.69	0.04	9.89			
QP	246.077k	39.11	61.89	-22.78	19.62	Neutral	-	19.49	9.68	0.05	9.89			
AV	246.077k	36.81	51.89	-15.08	19.62	Neutral	-	17.19	9.68	0.05	9.89			
QP	444.284k	39.20	56.98	-17.78	19.62	Neutral	-	19.58	9.67	0.06	9.89			
AV	444.284k	32.10	46.98	-14.88	19.62	Neutral	-	12.48	9.67	0.06	9.89			
QP	2.274M	43.04	56.00	-12.96	19.67	Neutral	-	23.37	9.68	0.11	9.88			
AV	2.274M	34.89	46.00	-11.11	19.67	Neutral	-	15.22	9.68	0.11	9.88			
QP	20.188M	35.47	60.00	-24.53	19.94	Neutral	-	15.53	9.75	0.30	9.89			
AV	20.188M	28.85	50.00	-21.15	19.94	Neutral	-	8.91	9.75	0.30	9.89			
QP	27.343M	43.23	60.00	-16.77	19.93	Neutral	-	23.30	9.71	0.33	9.89			
AV	27.343M	39.50	50.00	-10.50	19.93	Neutral	-	19.57	9.71	0.33	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.251k	49.73	65.77	-16.04	19.62	Line	-	30.11	9.69	0.04	9.89			
AV	154.251k	37.23	55.77	-18.54	19.62	Line	-	17.61	9.69	0.04	9.89			
QP	163.769k	47.03	65.27	-18.24	19.62	Line	-	27.41	9.69	0.04	9.89			
AV	163.769k	32.80	55.27	-22.47	19.62	Line	-	13.18	9.69	0.04	9.89			
QP	175.269k	44.47	64.70	-20.23	19.61	Line	-	24.86	9.68	0.04	9.89			
AV	175.269k	31.19	54.70	-23.51	19.61	Line	-	11.58	9.68	0.04	9.89			
QP	447.846k	40.31	56.92	-16.61	19.62	Line	-	20.69	9.67	0.06	9.89			
AV	447.846k	33.23	46.92	-13.69	19.62	Line	-	13.61	9.67	0.06	9.89			
QP	2.385M	43.03	56.00	-12.97	19.67	Line	-	23.36	9.68	0.11	9.88			
AV	2.385M	33.98	46.00	-12.02	19.67	Line	-	14.31	9.68	0.11	9.88			
QP	20.513M	40.46	60.00	-19.54	19.85	Line	-	20.61	9.66	0.30	9.89			
AV	20.513M	33.78	50.00	-16.22	19.85	Line	-	13.93	9.66	0.30	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.202k	45.23	65.92	-20.69	19.62	Neutral	-	25.61	9.69	0.04	9.89			
AV	151.202k	35.27	55.92	-20.65	19.62	Neutral	-	15.65	9.69	0.04	9.89			
QP	162.467k	43.04	65.33	-22.29	19.62	Neutral	-	23.42	9.69	0.04	9.89			
AV	162.467k	31.32	55.33	-24.01	19.62	Neutral	-	11.70	9.69	0.04	9.89			
QP	176.674k	39.59	64.64	-25.05	19.61	Neutral	-	19.98	9.68	0.04	9.89			
AV	176.674k	29.33	54.64	-25.31	19.61	Neutral	-	9.72	9.68	0.04	9.89			
QP	435.504k	38.73	57.15	-18.42	19.62	Neutral	-	19.11	9.67	0.06	9.89			
AV	435.504k	31.92	47.15	-15.23	19.62	Neutral	-	12.30	9.67	0.06	9.89			
QP	2.433M	40.56	56.00	-15.44	19.67	Neutral	-	20.89	9.68	0.11	9.88			
AV	2.433M	31.94	46.00	-14.06	19.67	Neutral	-	12.27	9.68	0.11	9.88			
QP	21.263M	38.86	60.00	-21.14	19.94	Neutral	-	18.92	9.74	0.31	9.89			
AV	21.263M	31.56	50.00	-18.44	19.94	Neutral	-	11.62	9.74	0.31	9.89			



Conducted Emissions at Powerline_Non-Beamforming_Radio3 Appendix A.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	57.18	66.00	-8.82	Neutral
Mode 2	Pass	AV	27.343M	40.04	50.00	-9.96	Neutral
Mode 3	Pass	AV	2.404M	34.33	46.00	-11.67	Neutral

Mode Configure

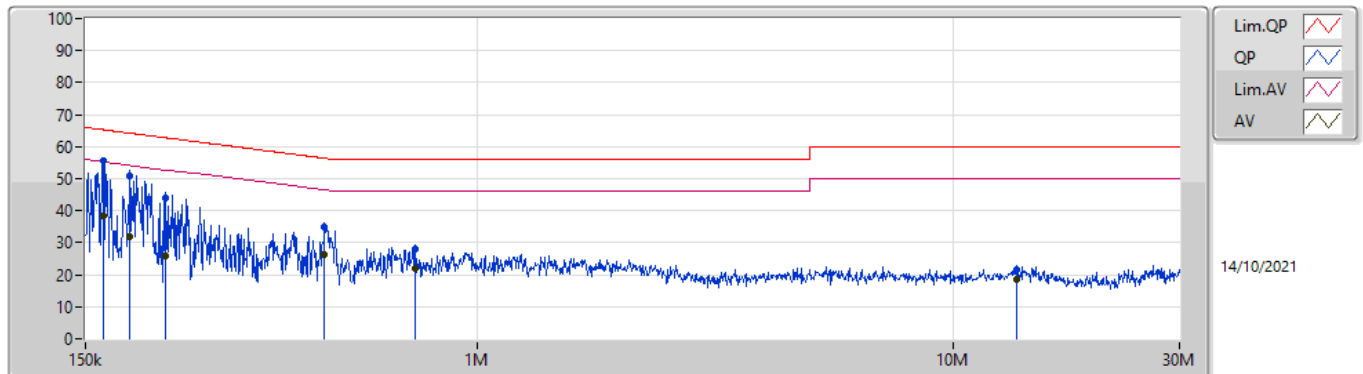
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	163.769k	55.71	65.27	-9.56	Line	-
Mode 1	Pass	AV	163.769k	38.28	55.27	-16.99	Line	-
Mode 1	Pass	QP	186.085k	51.03	64.20	-13.17	Line	-
Mode 1	Pass	AV	186.085k	31.83	54.20	-22.37	Line	-
Mode 1	Pass	QP	220.933k	44.09	62.79	-18.70	Line	-
Mode 1	Pass	AV	220.933k	25.71	52.79	-27.08	Line	-
Mode 1	Pass	QP	477.384k	35.10	56.38	-21.28	Line	-
Mode 1	Pass	AV	477.384k	26.29	46.38	-20.09	Line	-
Mode 1	Pass	QP	740.588k	28.12	56.00	-27.88	Line	-
Mode 1	Pass	AV	740.588k	22.03	46.00	-23.97	Line	-
Mode 1	Pass	QP	13.652M	21.74	60.00	-38.26	Line	-
Mode 1	Pass	AV	13.652M	18.32	50.00	-31.68	Line	-
Mode 1	Pass	QP	150k	57.18	66.00	-8.82	Neutral	-
Mode 1	Pass	AV	150k	38.17	56.00	-17.83	Neutral	-
Mode 1	Pass	QP	163.117k	55.97	65.31	-9.34	Neutral	-
Mode 1	Pass	AV	163.117k	39.32	55.31	-15.99	Neutral	-
Mode 1	Pass	QP	189.08k	50.49	64.07	-13.58	Neutral	-
Mode 1	Pass	AV	189.08k	32.93	54.07	-21.14	Neutral	-
Mode 1	Pass	QP	451.436k	34.24	56.84	-22.60	Neutral	-
Mode 1	Pass	AV	451.436k	27.11	46.84	-19.73	Neutral	-
Mode 1	Pass	QP	858.467k	30.38	56.00	-25.62	Neutral	-
Mode 1	Pass	AV	858.467k	24.75	46.00	-21.25	Neutral	-
Mode 1	Pass	QP	11.004M	23.77	60.00	-36.23	Neutral	-
Mode 1	Pass	AV	11.004M	19.85	50.00	-30.15	Neutral	-
Mode 2	Pass	QP	161.82k	48.70	65.37	-16.67	Line	-
Mode 2	Pass	AV	161.82k	33.52	55.37	-21.85	Line	-
Mode 2	Pass	QP	246.077k	39.53	61.89	-22.36	Line	-
Mode 2	Pass	AV	246.077k	36.90	51.89	-14.99	Line	-
Mode 2	Pass	QP	435.504k	39.72	57.15	-17.43	Line	-
Mode 2	Pass	AV	435.504k	33.39	47.15	-13.76	Line	-
Mode 2	Pass	QP	2.338M	42.64	56.00	-13.36	Line	-
Mode 2	Pass	AV	2.338M	33.66	46.00	-12.34	Line	-
Mode 2	Pass	QP	21.434M	37.89	60.00	-22.11	Line	-
Mode 2	Pass	AV	21.434M	31.19	50.00	-18.81	Line	-
Mode 2	Pass	QP	28.571M	39.44	60.00	-20.56	Line	-
Mode 2	Pass	AV	28.571M	33.40	50.00	-16.60	Line	-
Mode 2	Pass	QP	154.868k	45.24	65.73	-20.49	Neutral	-
Mode 2	Pass	AV	154.868k	34.57	55.73	-21.16	Neutral	-
Mode 2	Pass	QP	244.12k	38.32	61.95	-23.63	Neutral	-
Mode 2	Pass	AV	244.12k	35.55	51.95	-16.40	Neutral	-
Mode 2	Pass	QP	438.995k	39.75	57.09	-17.34	Neutral	-
Mode 2	Pass	AV	438.995k	32.90	47.09	-14.19	Neutral	-
Mode 2	Pass	QP	2.301M	43.14	56.00	-12.86	Neutral	-
Mode 2	Pass	AV	2.301M	34.69	46.00	-11.31	Neutral	-
Mode 2	Pass	QP	20.843M	37.01	60.00	-22.99	Neutral	-
Mode 2	Pass	AV	20.843M	29.83	50.00	-20.17	Neutral	-
Mode 2	Pass	QP	27.343M	46.46	60.00	-13.54	Neutral	-
Mode 2	Pass	AV	27.343M	40.04	50.00	-9.96	Neutral	-
Mode 3	Pass	QP	154.868k	49.39	65.73	-16.34	Line	-
Mode 3	Pass	AV	154.868k	36.97	55.73	-18.76	Line	-



Conducted Emissions at Powerline_Non-Beamforming_Radio3 Appendix A.2

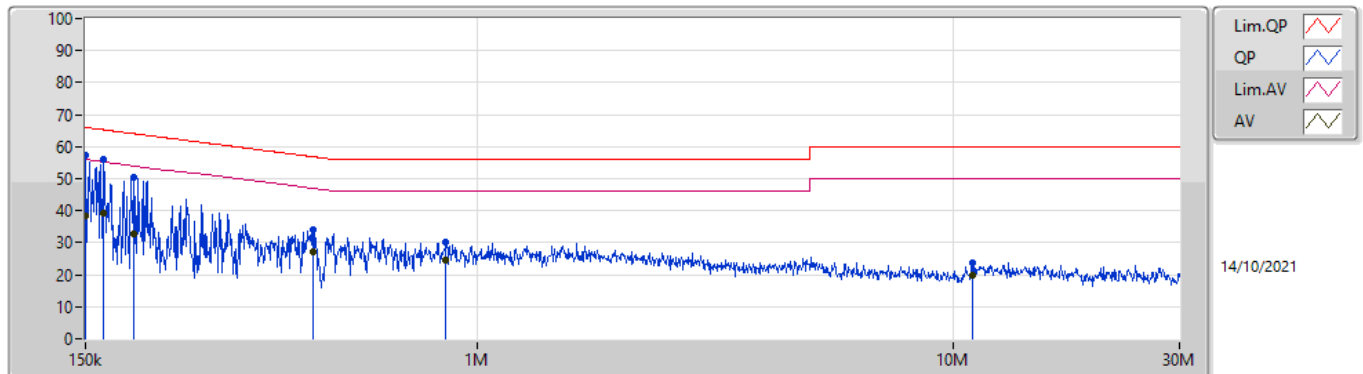
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	165.743k	45.38	65.18	-19.80	Line	-
Mode 3	Pass	AV	165.743k	31.88	55.18	-23.30	Line	-
Mode 3	Pass	QP	178.091k	43.83	64.57	-20.74	Line	-
Mode 3	Pass	AV	178.091k	30.40	54.57	-24.17	Line	-
Mode 3	Pass	QP	444.284k	40.52	56.98	-16.46	Line	-
Mode 3	Pass	AV	444.284k	34.19	46.98	-12.79	Line	-
Mode 3	Pass	QP	2.292M	43.11	56.00	-12.89	Line	-
Mode 3	Pass	AV	2.292M	34.12	46.00	-11.88	Line	-
Mode 3	Pass	QP	20.843M	41.13	60.00	-18.87	Line	-
Mode 3	Pass	AV	20.843M	33.85	50.00	-16.15	Line	-
Mode 3	Pass	QP	160.533k	43.63	65.43	-21.80	Neutral	-
Mode 3	Pass	AV	160.533k	32.49	55.43	-22.94	Neutral	-
Mode 3	Pass	QP	180.236k	39.27	64.47	-25.20	Neutral	-
Mode 3	Pass	AV	180.236k	28.65	54.47	-25.82	Neutral	-
Mode 3	Pass	QP	194.439k	36.97	63.84	-26.87	Neutral	-
Mode 3	Pass	AV	194.439k	26.86	53.84	-26.98	Neutral	-
Mode 3	Pass	QP	449.637k	39.82	56.88	-17.06	Neutral	-
Mode 3	Pass	AV	449.637k	31.52	46.88	-15.36	Neutral	-
Mode 3	Pass	QP	2.404M	42.70	56.00	-13.30	Neutral	-
Mode 3	Pass	AV	2.404M	34.33	46.00	-11.67	Neutral	-
Mode 3	Pass	QP	20.677M	39.11	60.00	-20.89	Neutral	-
Mode 3	Pass	AV	20.677M	32.32	50.00	-17.68	Neutral	-

Conducted Emissions at Powerline_Mode 1



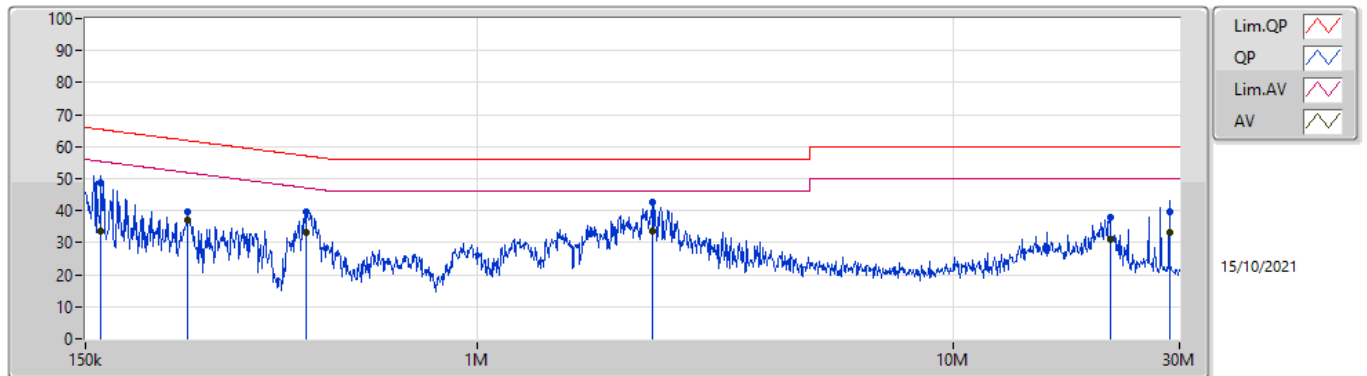
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.769k	55.71	65.27	-9.56	19.62	Line	-	36.09	9.69	0.04	9.89			
AV	163.769k	38.28	55.27	-16.99	19.62	Line	-	18.66	9.69	0.04	9.89			
QP	186.085k	51.03	64.20	-13.17	19.61	Line	-	31.42	9.68	0.04	9.89			
AV	186.085k	31.83	54.20	-22.37	19.61	Line	-	12.22	9.68	0.04	9.89			
QP	220.933k	44.09	62.79	-18.70	19.61	Line	-	24.48	9.68	0.04	9.89			
AV	220.933k	25.71	52.79	-27.08	19.61	Line	-	6.10	9.68	0.04	9.89			
QP	477.384k	35.10	56.38	-21.28	19.62	Line	-	15.48	9.67	0.06	9.89			
AV	477.384k	26.29	46.38	-20.09	19.62	Line	-	6.67	9.67	0.06	9.89			
QP	740.588k	28.12	56.00	-27.88	19.63	Line	-	8.49	9.67	0.07	9.89			
AV	740.588k	22.03	46.00	-23.97	19.63	Line	-	2.40	9.67	0.07	9.89			
QP	13.652M	21.74	60.00	-38.26	19.83	Line	-	1.91	9.70	0.24	9.89			
AV	13.652M	18.32	50.00	-31.68	19.83	Line	-	-1.51	9.70	0.24	9.89			

Conducted Emissions at Powerline_Mode 1



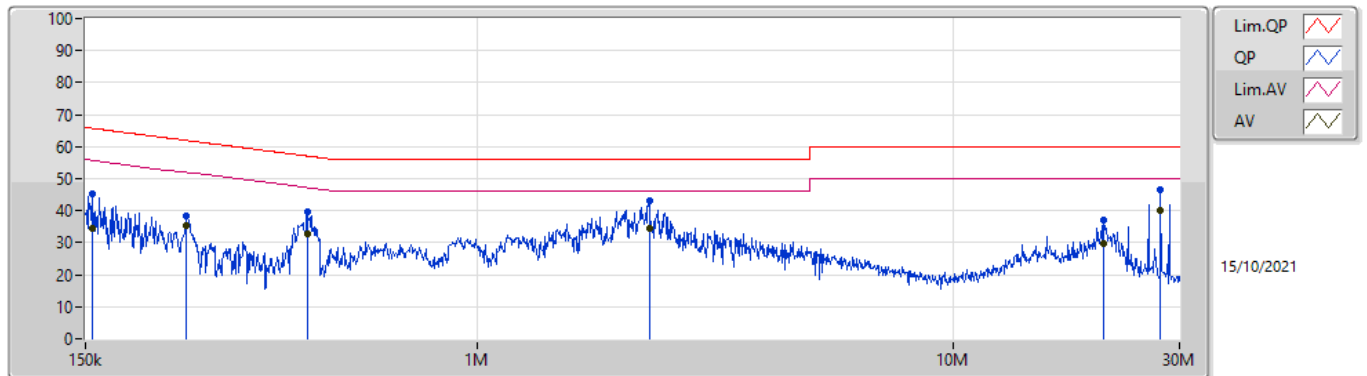
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	57.18	66.00	-8.82	19.62	Neutral	-	37.56	9.69	0.04	9.89			
AV	150k	38.17	56.00	-17.83	19.62	Neutral	-	18.55	9.69	0.04	9.89			
QP	163.117k	55.97	65.31	-9.34	19.62	Neutral	-	36.35	9.69	0.04	9.89			
AV	163.117k	39.32	55.31	-15.99	19.62	Neutral	-	19.70	9.69	0.04	9.89			
QP	189.08k	50.49	64.07	-13.58	19.61	Neutral	-	30.88	9.68	0.04	9.89			
AV	189.08k	32.93	54.07	-21.14	19.61	Neutral	-	13.32	9.68	0.04	9.89			
QP	451.436k	34.24	56.84	-22.60	19.62	Neutral	-	14.62	9.67	0.06	9.89			
AV	451.436k	27.11	46.84	-19.73	19.62	Neutral	-	7.49	9.67	0.06	9.89			
QP	858.467k	30.38	56.00	-25.62	19.64	Neutral	-	10.74	9.67	0.08	9.89			
AV	858.467k	24.75	46.00	-21.25	19.64	Neutral	-	5.11	9.67	0.08	9.89			
QP	11.004M	23.77	60.00	-36.23	19.83	Neutral	-	3.94	9.73	0.21	9.89			
AV	11.004M	19.85	50.00	-30.15	19.83	Neutral	-	0.02	9.73	0.21	9.89			

Conducted Emissions at Powerline_Mode 2



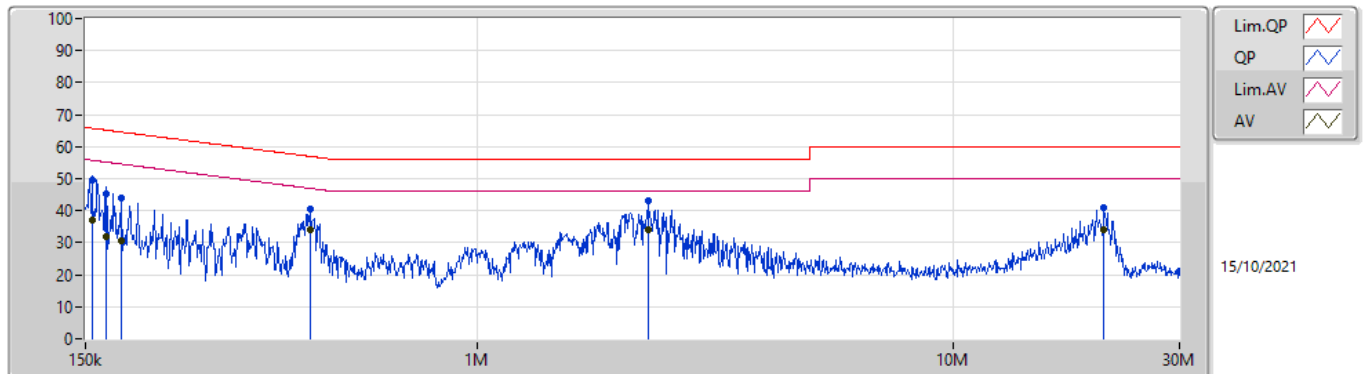
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	161.82k	48.70	65.37	-16.67	19.62	Line	-	29.08	9.69	0.04	9.89			
AV	161.82k	33.52	55.37	-21.85	19.62	Line	-	13.90	9.69	0.04	9.89			
QP	246.077k	39.53	61.89	-22.36	19.62	Line	-	19.91	9.68	0.05	9.89			
AV	246.077k	36.90	51.89	-14.99	19.62	Line	-	17.28	9.68	0.05	9.89			
QP	435.504k	39.72	57.15	-17.43	19.62	Line	-	20.10	9.67	0.06	9.89			
AV	435.504k	33.39	47.15	-13.76	19.62	Line	-	13.77	9.67	0.06	9.89			
QP	2.338M	42.64	56.00	-13.36	19.67	Line	-	22.97	9.68	0.11	9.88			
AV	2.338M	33.66	46.00	-12.34	19.67	Line	-	13.99	9.68	0.11	9.88			
QP	21.434M	37.89	60.00	-22.11	19.85	Line	-	18.04	9.65	0.31	9.89			
AV	21.434M	31.19	50.00	-18.81	19.85	Line	-	11.34	9.65	0.31	9.89			
QP	28.571M	39.44	60.00	-20.56	19.78	Line	-	19.66	9.55	0.33	9.90			
AV	28.571M	33.40	50.00	-16.60	19.78	Line	-	13.62	9.55	0.33	9.90			

Conducted Emissions at Powerline_Mode 2



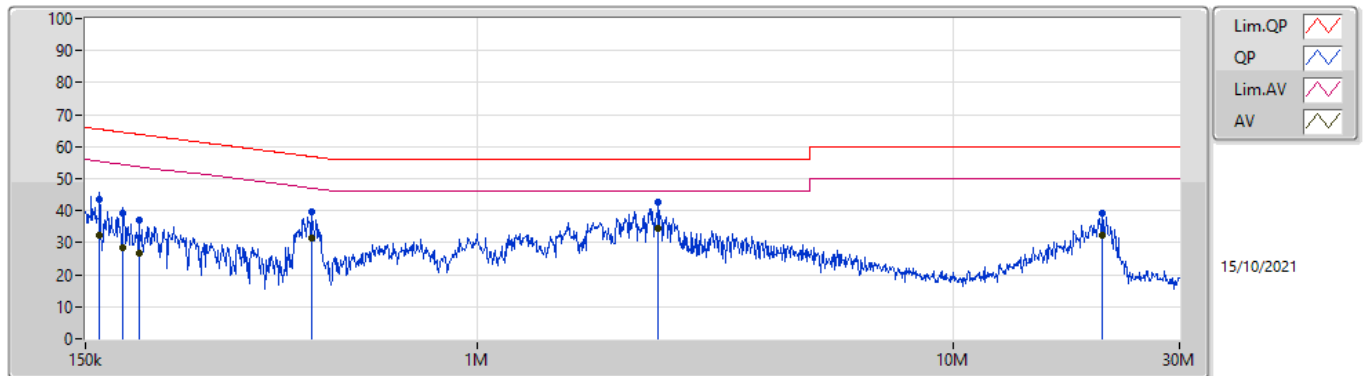
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	45.24	65.73	-20.49	19.62	Neutral	-	25.62	9.69	0.04	9.89			
AV	154.868k	34.57	55.73	-21.16	19.62	Neutral	-	14.95	9.69	0.04	9.89			
QP	244.12k	38.32	61.95	-23.63	19.62	Neutral	-	18.70	9.68	0.05	9.89			
AV	244.12k	35.55	51.95	-16.40	19.62	Neutral	-	15.93	9.68	0.05	9.89			
QP	438.995k	39.75	57.09	-17.34	19.62	Neutral	-	20.13	9.67	0.06	9.89			
AV	438.995k	32.90	47.09	-14.19	19.62	Neutral	-	13.28	9.67	0.06	9.89			
QP	2.301M	43.14	56.00	-12.86	19.67	Neutral	-	23.47	9.68	0.11	9.88			
AV	2.301M	34.69	46.00	-11.31	19.67	Neutral	-	15.02	9.68	0.11	9.88			
QP	20.843M	37.01	60.00	-22.99	19.93	Neutral	-	17.08	9.74	0.30	9.89			
AV	20.843M	29.83	50.00	-20.17	19.93	Neutral	-	9.90	9.74	0.30	9.89			
QP	27.343M	46.46	60.00	-13.54	19.93	Neutral	-	26.53	9.71	0.33	9.89			
AV	27.343M	40.04	50.00	-9.96	19.93	Neutral	-	20.11	9.71	0.33	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	154.868k	49.39	65.73	-16.34	19.62	Line	-	29.77	9.69	0.04	9.89			
AV	154.868k	36.97	55.73	-18.76	19.62	Line	-	17.35	9.69	0.04	9.89			
QP	165.743k	45.38	65.18	-19.80	19.62	Line	-	25.76	9.69	0.04	9.89			
AV	165.743k	31.88	55.18	-23.30	19.62	Line	-	12.26	9.69	0.04	9.89			
QP	178.091k	43.83	64.57	-20.74	19.61	Line	-	24.22	9.68	0.04	9.89			
AV	178.091k	30.40	54.57	-24.17	19.61	Line	-	10.79	9.68	0.04	9.89			
QP	444.284k	40.52	56.98	-16.46	19.62	Line	-	20.90	9.67	0.06	9.89			
AV	444.284k	34.19	46.98	-12.79	19.62	Line	-	14.57	9.67	0.06	9.89			
QP	2.292M	43.11	56.00	-12.89	19.67	Line	-	23.44	9.68	0.11	9.88			
AV	2.292M	34.12	46.00	-11.88	19.67	Line	-	14.45	9.68	0.11	9.88			
QP	20.843M	41.13	60.00	-18.87	19.85	Line	-	21.28	9.66	0.30	9.89			
AV	20.843M	33.85	50.00	-16.15	19.85	Line	-	14.00	9.66	0.30	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	160.533k	43.63	65.43	-21.80	19.62	Neutral	-	24.01	9.69	0.04	9.89			
AV	160.533k	32.49	55.43	-22.94	19.62	Neutral	-	12.87	9.69	0.04	9.89			
QP	180.236k	39.27	64.47	-25.20	19.61	Neutral	-	19.66	9.68	0.04	9.89			
AV	180.236k	28.65	54.47	-25.82	19.61	Neutral	-	9.04	9.68	0.04	9.89			
QP	194.439k	36.97	63.84	-26.87	19.61	Neutral	-	17.36	9.68	0.04	9.89			
AV	194.439k	26.86	53.84	-26.98	19.61	Neutral	-	7.25	9.68	0.04	9.89			
QP	449.637k	39.82	56.88	-17.06	19.62	Neutral	-	20.20	9.67	0.06	9.89			
AV	449.637k	31.52	46.88	-15.36	19.62	Neutral	-	11.90	9.67	0.06	9.89			
QP	2.404M	42.70	56.00	-13.30	19.67	Neutral	-	23.03	9.68	0.11	9.88			
AV	2.404M	34.33	46.00	-11.67	19.67	Neutral	-	14.66	9.68	0.11	9.88			
QP	20.677M	39.11	60.00	-20.89	19.94	Neutral	-	19.17	9.75	0.30	9.89			
AV	20.677M	32.32	50.00	-17.68	19.94	Neutral	-	12.38	9.75	0.30	9.89			



Conducted Emissions at Powerline_Non-Beamforming_Radio4 Appendix A.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	56.99	65.92	-8.93	Neutral
Mode 2	Pass	AV	27.343M	39.82	50.00	-10.18	Neutral
Mode 3	Pass	AV	2.348M	34.99	46.00	-11.01	Neutral

Mode Configure

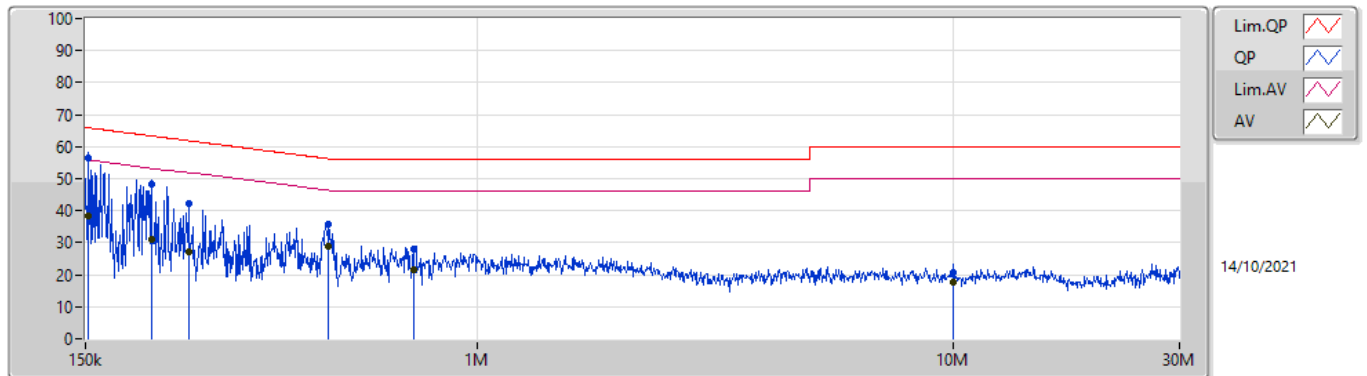
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	152.414k	56.59	65.87	-9.28	Line	-
Mode 1	Pass	AV	152.414k	38.31	55.87	-17.56	Line	-
Mode 1	Pass	QP	206.437k	48.38	63.34	-14.96	Line	-
Mode 1	Pass	AV	206.437k	30.98	53.34	-22.36	Line	-
Mode 1	Pass	QP	247.062k	42.43	61.85	-19.42	Line	-
Mode 1	Pass	AV	247.062k	27.01	51.85	-24.84	Line	-
Mode 1	Pass	QP	487.008k	35.75	56.21	-20.46	Line	-
Mode 1	Pass	AV	487.008k	28.88	46.21	-17.33	Line	-
Mode 1	Pass	QP	737.637k	27.99	56.00	-28.01	Line	-
Mode 1	Pass	AV	737.637k	21.70	46.00	-24.30	Line	-
Mode 1	Pass	QP	9.999M	20.73	60.00	-39.27	Line	-
Mode 1	Pass	AV	9.999M	17.82	50.00	-32.18	Line	-
Mode 1	Pass	QP	151.202k	56.99	65.92	-8.93	Neutral	-
Mode 1	Pass	AV	151.202k	38.47	55.92	-17.45	Neutral	-
Mode 1	Pass	QP	160.533k	56.13	65.43	-9.30	Neutral	-
Mode 1	Pass	AV	160.533k	39.45	55.43	-15.98	Neutral	-
Mode 1	Pass	QP	205.615k	48.84	63.38	-14.54	Neutral	-
Mode 1	Pass	AV	205.615k	32.77	53.38	-20.61	Neutral	-
Mode 1	Pass	QP	453.242k	33.88	56.82	-22.94	Neutral	-
Mode 1	Pass	AV	453.242k	26.14	46.82	-20.68	Neutral	-
Mode 1	Pass	QP	1.048M	29.85	56.00	-26.15	Neutral	-
Mode 1	Pass	AV	1.048M	24.12	46.00	-21.88	Neutral	-
Mode 1	Pass	QP	12.91M	23.06	60.00	-36.94	Neutral	-
Mode 1	Pass	AV	12.91M	19.44	50.00	-30.56	Neutral	-
Mode 2	Pass	QP	153.024k	50.04	65.83	-15.79	Line	-
Mode 2	Pass	AV	153.024k	37.17	55.83	-18.66	Line	-
Mode 2	Pass	QP	247.062k	39.42	61.85	-22.43	Line	-
Mode 2	Pass	AV	247.062k	36.89	51.85	-14.96	Line	-
Mode 2	Pass	QP	442.514k	40.33	57.01	-16.68	Line	-
Mode 2	Pass	AV	442.514k	34.26	47.01	-12.75	Line	-
Mode 2	Pass	QP	2.283M	43.30	56.00	-12.70	Line	-
Mode 2	Pass	AV	2.283M	34.77	46.00	-11.23	Line	-
Mode 2	Pass	QP	21.094M	38.49	60.00	-21.51	Line	-
Mode 2	Pass	AV	21.094M	31.05	50.00	-18.95	Line	-
Mode 2	Pass	QP	25.857M	40.93	60.00	-19.07	Line	-
Mode 2	Pass	AV	25.857M	33.71	50.00	-16.29	Line	-
Mode 2	Pass	QP	163.117k	43.09	65.31	-22.22	Neutral	-
Mode 2	Pass	AV	163.117k	31.00	55.31	-24.31	Neutral	-
Mode 2	Pass	QP	246.077k	39.24	61.89	-22.65	Neutral	-
Mode 2	Pass	AV	246.077k	36.88	51.89	-15.01	Neutral	-
Mode 2	Pass	QP	437.246k	39.98	57.11	-17.13	Neutral	-
Mode 2	Pass	AV	437.246k	33.12	47.11	-13.99	Neutral	-
Mode 2	Pass	QP	2.247M	42.83	56.00	-13.17	Neutral	-
Mode 2	Pass	AV	2.247M	34.46	46.00	-11.54	Neutral	-
Mode 2	Pass	QP	20.513M	36.53	60.00	-23.47	Neutral	-
Mode 2	Pass	AV	20.513M	29.45	50.00	-20.55	Neutral	-
Mode 2	Pass	QP	27.343M	42.87	60.00	-17.13	Neutral	-
Mode 2	Pass	AV	27.343M	39.82	50.00	-10.18	Neutral	-
Mode 3	Pass	QP	157.361k	49.09	65.60	-16.51	Line	-
Mode 3	Pass	AV	157.361k	36.43	55.60	-19.17	Line	-



Conducted Emissions at Powerline_Non-Beamforming_Radio4 Appendix A.3

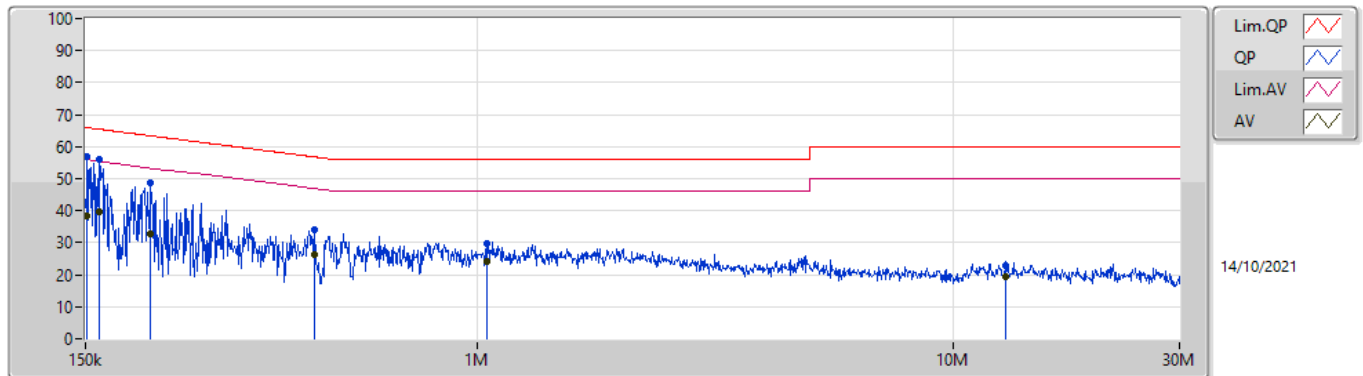
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 3	Pass	QP	169.76k	45.71	64.97	-19.26	Line	-
Mode 3	Pass	AV	169.76k	31.79	54.97	-23.18	Line	-
Mode 3	Pass	QP	179.518k	43.34	64.51	-21.17	Line	-
Mode 3	Pass	AV	179.518k	29.82	54.51	-24.69	Line	-
Mode 3	Pass	QP	444.284k	40.52	56.98	-16.46	Line	-
Mode 3	Pass	AV	444.284k	34.24	46.98	-12.74	Line	-
Mode 3	Pass	QP	2.463M	40.51	56.00	-15.49	Line	-
Mode 3	Pass	AV	2.463M	31.47	46.00	-14.53	Line	-
Mode 3	Pass	QP	20.843M	40.44	60.00	-19.56	Line	-
Mode 3	Pass	AV	20.843M	33.50	50.00	-16.50	Line	-
Mode 3	Pass	QP	151.807k	45.28	65.90	-20.62	Neutral	-
Mode 3	Pass	AV	151.807k	35.09	55.90	-20.81	Neutral	-
Mode 3	Pass	QP	157.99k	44.05	65.56	-21.51	Neutral	-
Mode 3	Pass	AV	157.99k	33.63	55.56	-21.93	Neutral	-
Mode 3	Pass	QP	163.769k	42.44	65.27	-22.83	Neutral	-
Mode 3	Pass	AV	163.769k	30.54	55.27	-24.73	Neutral	-
Mode 3	Pass	QP	440.751k	39.98	57.05	-17.07	Neutral	-
Mode 3	Pass	AV	440.751k	33.15	47.05	-13.90	Neutral	-
Mode 3	Pass	QP	2.348M	43.41	56.00	-12.59	Neutral	-
Mode 3	Pass	AV	2.348M	34.99	46.00	-11.01	Neutral	-
Mode 3	Pass	QP	20.188M	38.34	60.00	-21.66	Neutral	-
Mode 3	Pass	AV	20.188M	32.08	50.00	-17.92	Neutral	-

Conducted Emissions at Powerline_Mode 1



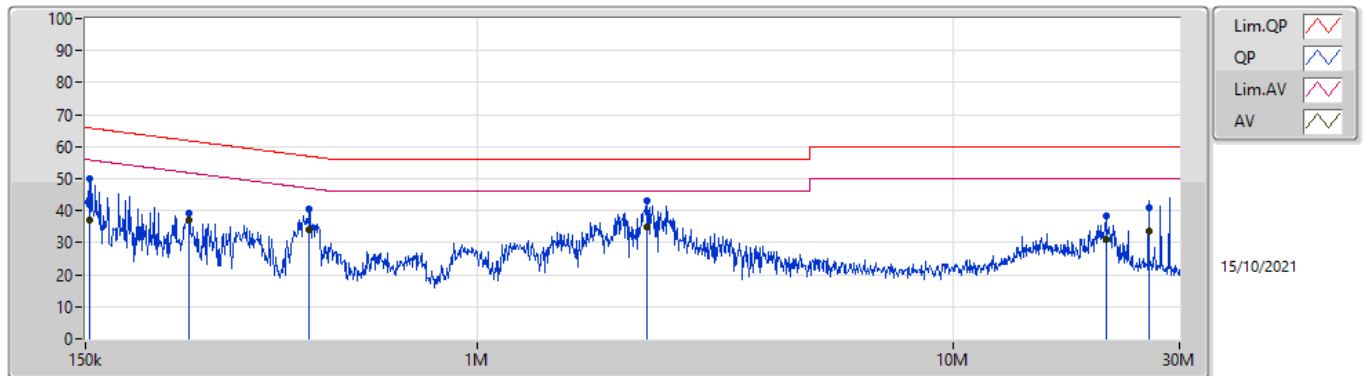
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	152.414k	56.59	65.87	-9.28	19.62	Line	-	36.97	9.69	0.04	9.89			
AV	152.414k	38.31	55.87	-17.56	19.62	Line	-	18.69	9.69	0.04	9.89			
QP	206.437k	48.38	63.34	-14.96	19.61	Line	-	28.77	9.68	0.04	9.89			
AV	206.437k	30.98	53.34	-22.36	19.61	Line	-	11.37	9.68	0.04	9.89			
QP	247.062k	42.43	61.85	-19.42	19.62	Line	-	22.81	9.68	0.05	9.89			
AV	247.062k	27.01	51.85	-24.84	19.62	Line	-	7.39	9.68	0.05	9.89			
QP	487.008k	35.75	56.21	-20.46	19.62	Line	-	16.13	9.67	0.06	9.89			
AV	487.008k	28.88	46.21	-17.33	19.62	Line	-	9.26	9.67	0.06	9.89			
QP	737.637k	27.99	56.00	-28.01	19.63	Line	-	8.36	9.67	0.07	9.89			
AV	737.637k	21.70	46.00	-24.30	19.63	Line	-	2.07	9.67	0.07	9.89			
QP	9.999M	20.73	60.00	-39.27	19.81	Line	-	0.92	9.72	0.20	9.89			
AV	9.999M	17.82	50.00	-32.18	19.81	Line	-	-1.99	9.72	0.20	9.89			

Conducted Emissions at Powerline_Mode 1



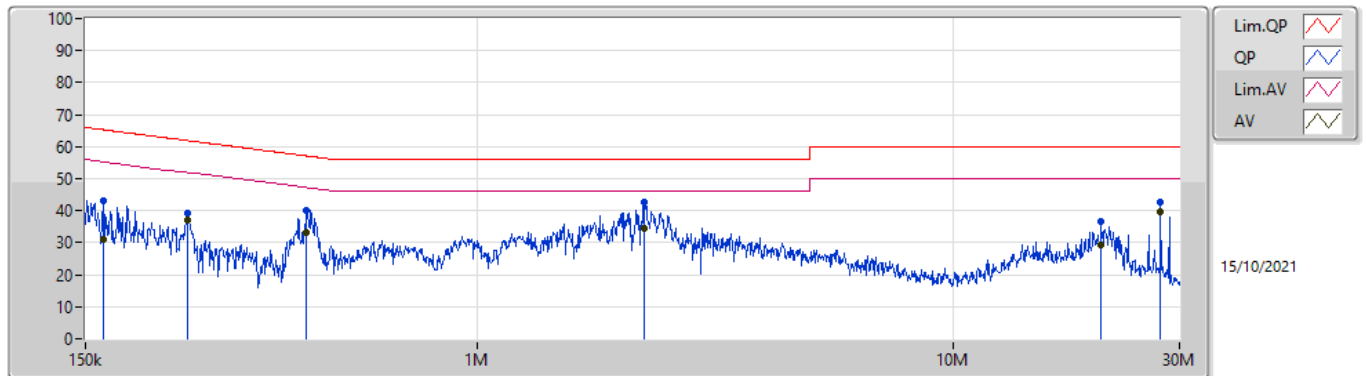
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.202k	56.99	65.92	-8.93	19.62	Neutral	-	37.37	9.69	0.04	9.89			
AV	151.202k	38.47	55.92	-17.45	19.62	Neutral	-	18.85	9.69	0.04	9.89			
QP	160.533k	56.13	65.43	-9.30	19.62	Neutral	-	36.51	9.69	0.04	9.89			
AV	160.533k	39.45	55.43	-15.98	19.62	Neutral	-	19.83	9.69	0.04	9.89			
QP	205.615k	48.84	63.38	-14.54	19.61	Neutral	-	29.23	9.68	0.04	9.89			
AV	205.615k	32.77	53.38	-20.61	19.61	Neutral	-	13.16	9.68	0.04	9.89			
QP	453.242k	33.88	56.82	-22.94	19.62	Neutral	-	14.26	9.67	0.06	9.89			
AV	453.242k	26.14	46.82	-20.68	19.62	Neutral	-	6.52	9.67	0.06	9.89			
QP	1.048M	29.85	56.00	-26.15	19.64	Neutral	-	10.21	9.67	0.08	9.89			
AV	1.048M	24.12	46.00	-21.88	19.64	Neutral	-	4.48	9.67	0.08	9.89			
QP	12.91M	23.06	60.00	-36.94	19.86	Neutral	-	3.20	9.74	0.23	9.89			
AV	12.91M	19.44	50.00	-30.56	19.86	Neutral	-	-0.42	9.74	0.23	9.89			

Conducted Emissions at Powerline_Mode 2



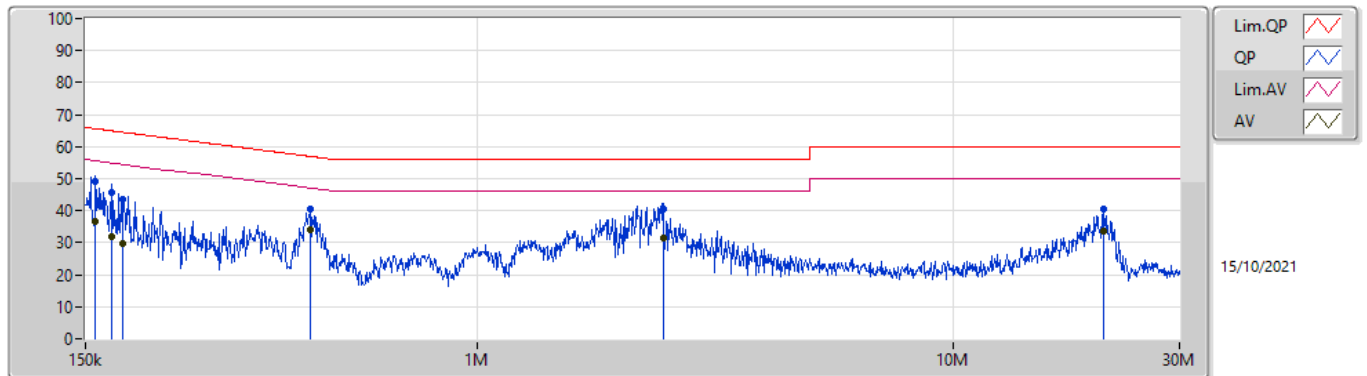
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	153.024k	50.04	65.83	-15.79	19.62	Line	-	30.42	9.69	0.04	9.89			
AV	153.024k	37.17	55.83	-18.66	19.62	Line	-	17.55	9.69	0.04	9.89			
QP	247.062k	39.42	61.85	-22.43	19.62	Line	-	19.80	9.68	0.05	9.89			
AV	247.062k	36.89	51.85	-14.96	19.62	Line	-	17.27	9.68	0.05	9.89			
QP	442.514k	40.33	57.01	-16.68	19.62	Line	-	20.71	9.67	0.06	9.89			
AV	442.514k	34.26	47.01	-12.75	19.62	Line	-	14.64	9.67	0.06	9.89			
QP	2.283M	43.30	56.00	-12.70	19.67	Line	-	23.63	9.68	0.11	9.88			
AV	2.283M	34.77	46.00	-11.23	19.67	Line	-	15.10	9.68	0.11	9.88			
QP	21.094M	38.49	60.00	-21.51	19.84	Line	-	18.65	9.65	0.30	9.89			
AV	21.094M	31.05	50.00	-18.95	19.84	Line	-	11.21	9.65	0.30	9.89			
QP	25.857M	40.93	60.00	-19.07	19.79	Line	-	21.14	9.58	0.32	9.89			
AV	25.857M	33.71	50.00	-16.29	19.79	Line	-	13.92	9.58	0.32	9.89			

Conducted Emissions at Powerline_Mode 2



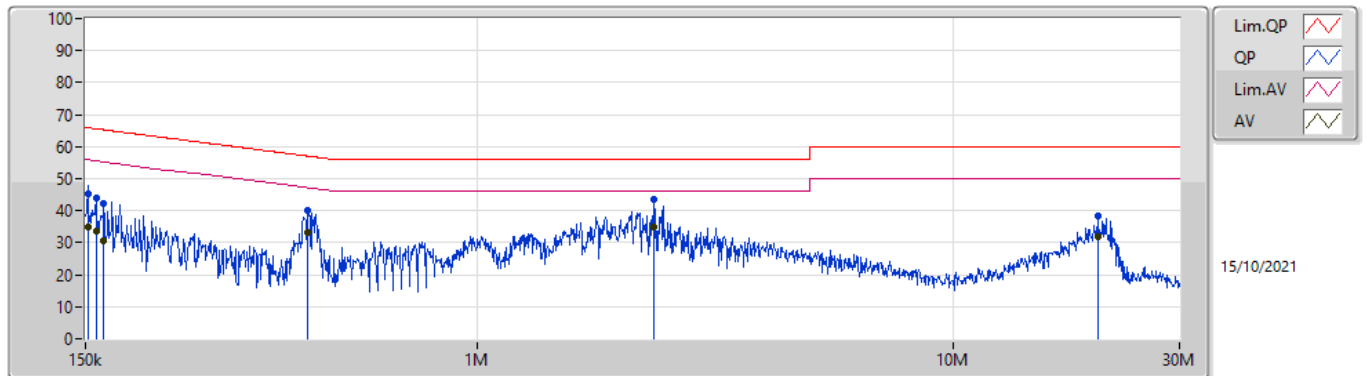
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.117k	43.09	65.31	-22.22	19.62	Neutral	-	23.47	9.69	0.04	9.89			
AV	163.117k	31.00	55.31	-24.31	19.62	Neutral	-	11.38	9.69	0.04	9.89			
QP	246.077k	39.24	61.89	-22.65	19.62	Neutral	-	19.62	9.68	0.05	9.89			
AV	246.077k	36.88	51.89	-15.01	19.62	Neutral	-	17.26	9.68	0.05	9.89			
QP	437.246k	39.98	57.11	-17.13	19.62	Neutral	-	20.36	9.67	0.06	9.89			
AV	437.246k	33.12	47.11	-13.99	19.62	Neutral	-	13.50	9.67	0.06	9.89			
QP	2.247M	42.83	56.00	-13.17	19.67	Neutral	-	23.16	9.68	0.11	9.88			
AV	2.247M	34.46	46.00	-11.54	19.67	Neutral	-	14.79	9.68	0.11	9.88			
QP	20.513M	36.53	60.00	-23.47	19.94	Neutral	-	16.59	9.75	0.30	9.89			
AV	20.513M	29.45	50.00	-20.55	19.94	Neutral	-	9.51	9.75	0.30	9.89			
QP	27.343M	42.87	60.00	-17.13	19.93	Neutral	-	22.94	9.71	0.33	9.89			
AV	27.343M	39.82	50.00	-10.18	19.93	Neutral	-	19.89	9.71	0.33	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	157.361k	49.09	65.60	-16.51	19.62	Line	-	29.47	9.69	0.04	9.89			
AV	157.361k	36.43	55.60	-19.17	19.62	Line	-	16.81	9.69	0.04	9.89			
QP	169.76k	45.71	64.97	-19.26	19.62	Line	-	26.09	9.69	0.04	9.89			
AV	169.76k	31.79	54.97	-23.18	19.62	Line	-	12.17	9.69	0.04	9.89			
QP	179.518k	43.34	64.51	-21.17	19.61	Line	-	23.73	9.68	0.04	9.89			
AV	179.518k	29.82	54.51	-24.69	19.61	Line	-	10.21	9.68	0.04	9.89			
QP	444.284k	40.52	56.98	-16.46	19.62	Line	-	20.90	9.67	0.06	9.89			
AV	444.284k	34.24	46.98	-12.74	19.62	Line	-	14.62	9.67	0.06	9.89			
QP	2.463M	40.51	56.00	-15.49	19.67	Line	-	20.84	9.68	0.11	9.88			
AV	2.463M	31.47	46.00	-14.53	19.67	Line	-	11.80	9.68	0.11	9.88			
QP	20.843M	40.44	60.00	-19.56	19.85	Line	-	20.59	9.66	0.30	9.89			
AV	20.843M	33.50	50.00	-16.50	19.85	Line	-	13.65	9.66	0.30	9.89			

Conducted Emissions at Powerline_Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.807k	45.28	65.90	-20.62	19.62	Neutral	-	25.66	9.69	0.04	9.89			
AV	151.807k	35.09	55.90	-20.81	19.62	Neutral	-	15.47	9.69	0.04	9.89			
QP	157.99k	44.05	65.56	-21.51	19.62	Neutral	-	24.43	9.69	0.04	9.89			
AV	157.99k	33.63	55.56	-21.93	19.62	Neutral	-	14.01	9.69	0.04	9.89			
QP	163.769k	42.44	65.27	-22.83	19.62	Neutral	-	22.82	9.69	0.04	9.89			
AV	163.769k	30.54	55.27	-24.73	19.62	Neutral	-	10.92	9.69	0.04	9.89			
QP	440.751k	39.98	57.05	-17.07	19.62	Neutral	-	20.36	9.67	0.06	9.89			
AV	440.751k	33.15	47.05	-13.90	19.62	Neutral	-	13.53	9.67	0.06	9.89			
QP	2.348M	43.41	56.00	-12.59	19.67	Neutral	-	23.74	9.68	0.11	9.88			
AV	2.348M	34.99	46.00	-11.01	19.67	Neutral	-	15.32	9.68	0.11	9.88			
QP	20.188M	38.34	60.00	-21.66	19.94	Neutral	-	18.40	9.75	0.30	9.89			
AV	20.188M	32.08	50.00	-17.92	19.94	Neutral	-	12.14	9.75	0.30	9.89			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	55.47M	37.241M	37M2D1D	23.7M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	46.41M	24.828M	24M8D1D	22.23M	18.981M
802.11ax HEW40_Nss1,(MCS0)_4TX	76.32M	39.16M	39M2D1D	41.22M	37.961M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.44M	77.481M	77M5D1D	81.6M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.29M	39.67M	39M7D1D	15.3M	19.64M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.99M	39.7M	39M7D1D	16.35M	19.67M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.04M	62.849M	62M8D1D	36.9M	38.621M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.64M	77.721M	77M7D1D	76.2M	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	23.7M	16.672M	24.75M	16.792M	24.06M	16.672M	23.7M	16.642M
5200MHz	Pass	Inf	48.99M	36.222M	48.15M	35.922M	55.47M	37.241M	50.61M	36.072M
5240MHz	Pass	Inf	34.14M	17.151M	34.38M	18.141M	32.25M	16.762M	34.08M	17.031M
5745MHz	Pass	500k	16.23M	38.171M	15.72M	36.522M	15.78M	39.67M	16.26M	38.561M
5785MHz	Pass	500k	16.26M	33.043M	16.29M	33.703M	15.93M	27.976M	15.66M	27.886M
5825MHz	Pass	500k	15.3M	24.318M	15.9M	25.097M	15.36M	19.64M	16.05M	21.919M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.89M	19.01M	25.5M	19.07M	23.73M	19.04M	22.23M	18.981M
5200MHz	Pass	Inf	41.76M	21.079M	46.41M	24.828M	41.01M	20.9M	43.86M	22.699M
5240MHz	Pass	Inf	32.16M	19.25M	39.24M	19.49M	32.07M	19.22M	29.04M	19.16M
5745MHz	Pass	500k	18.45M	39.7M	18.93M	39.07M	16.35M	30.435M	18.6M	33.313M
5785MHz	Pass	500k	18.39M	34.453M	18.69M	35.382M	18.63M	26.327M	18.66M	27.346M
5825MHz	Pass	500k	18.75M	23.838M	18.24M	21.949M	18.99M	19.67M	18.54M	20.3M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.64M	37.961M	41.22M	38.021M	41.22M	37.961M	41.82M	38.021M
5230MHz	Pass	Inf	73.5M	38.561M	76.32M	39.16M	59.94M	38.501M	64.44M	38.621M
5755MHz	Pass	500k	38.04M	39.58M	37.2M	39.34M	37.38M	38.981M	37.38M	38.621M
5795MHz	Pass	500k	37.86M	62.849M	36.9M	61.769M	37.92M	57.571M	38.04M	51.934M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.84M	77.121M	82.2M	77.241M	81.6M	77.241M	82.44M	77.481M
5775MHz	Pass	500k	77.64M	77.481M	76.2M	77.241M	77.64M	77.721M	76.2M	77.481M

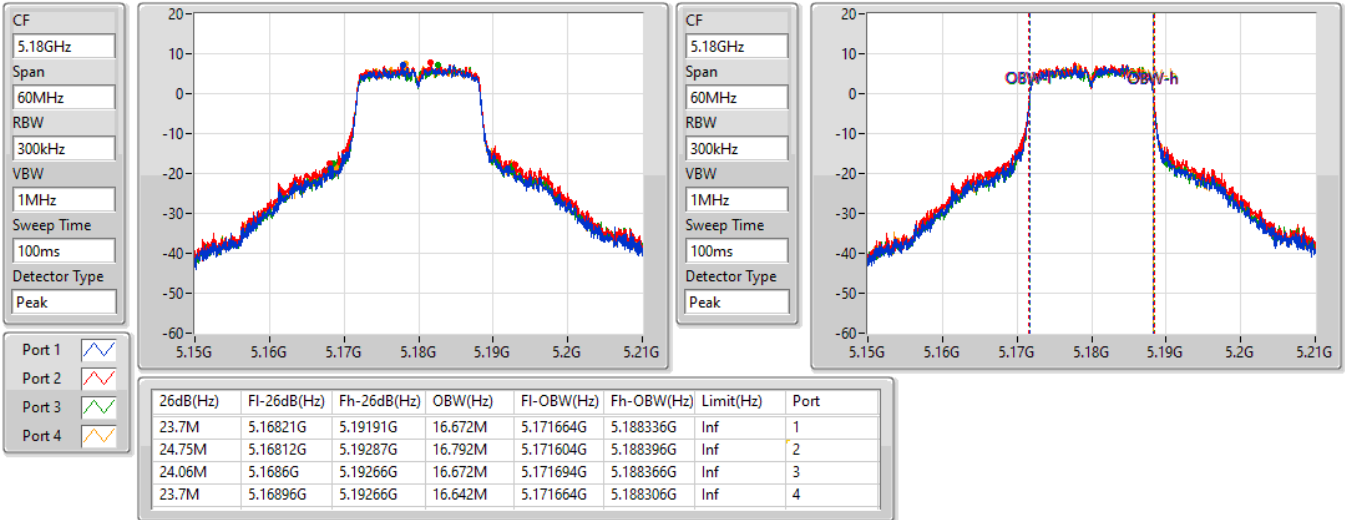
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

12/11/2021

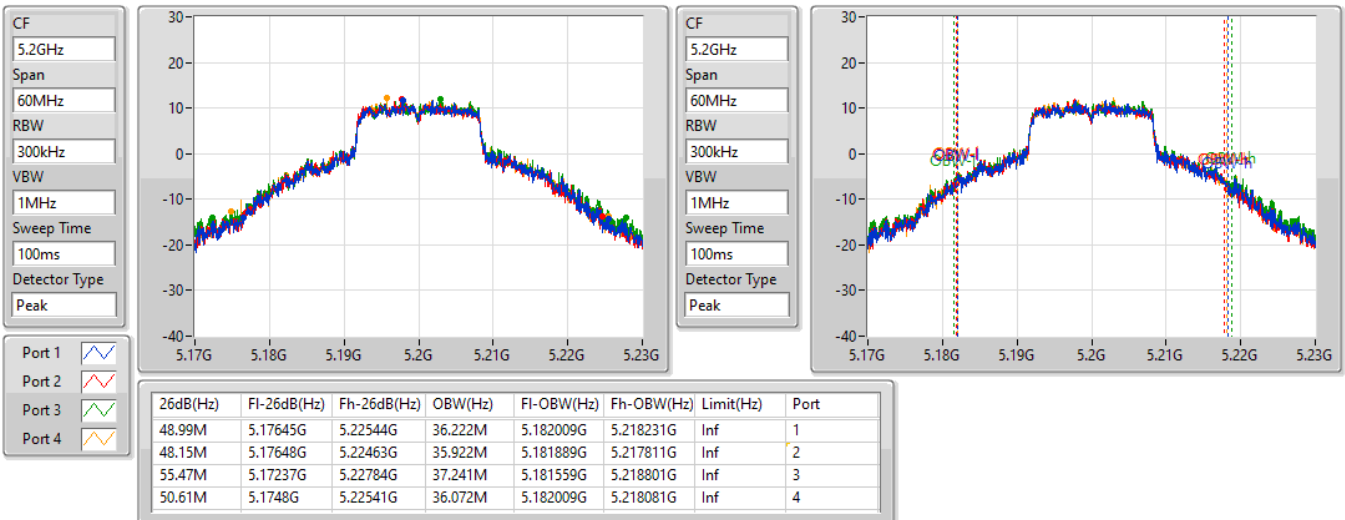


802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

12/11/2021

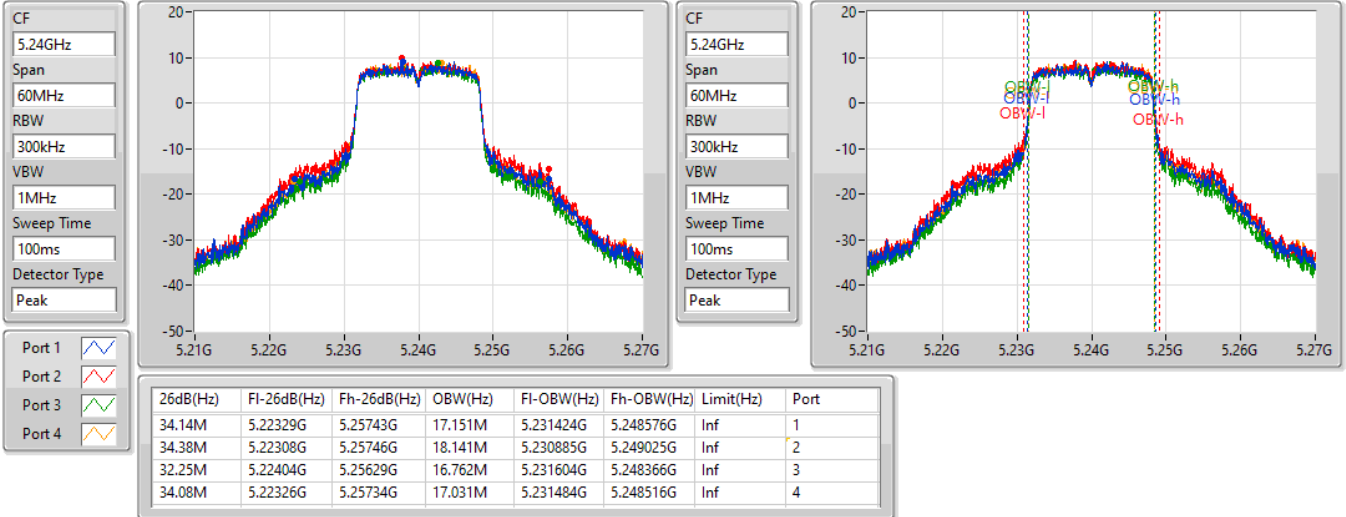


802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

12/11/2021

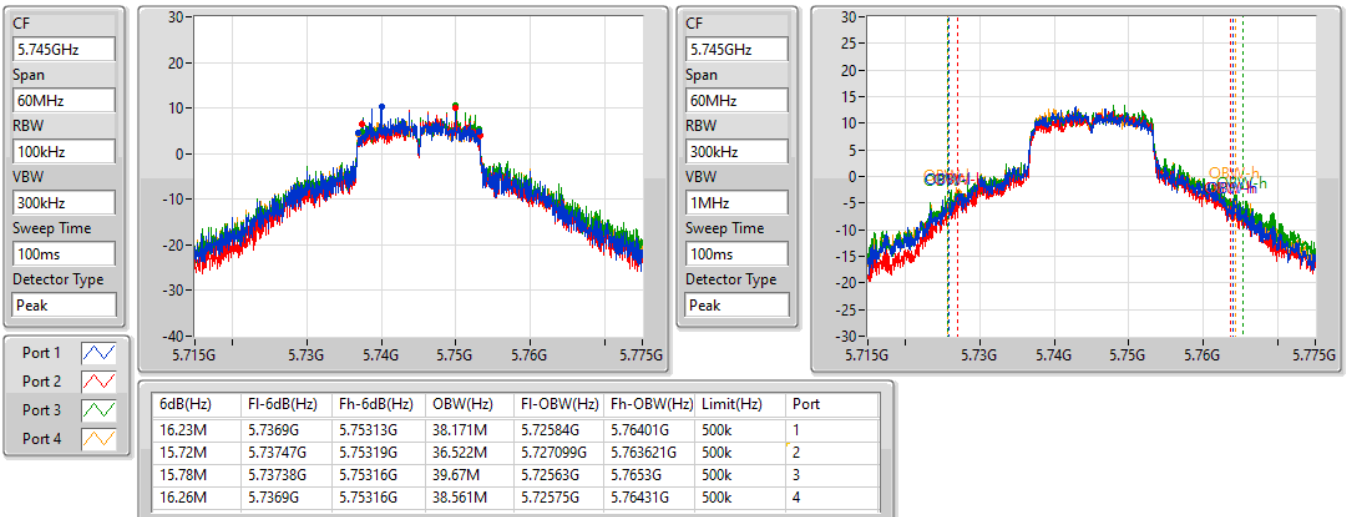


802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

12/11/2021

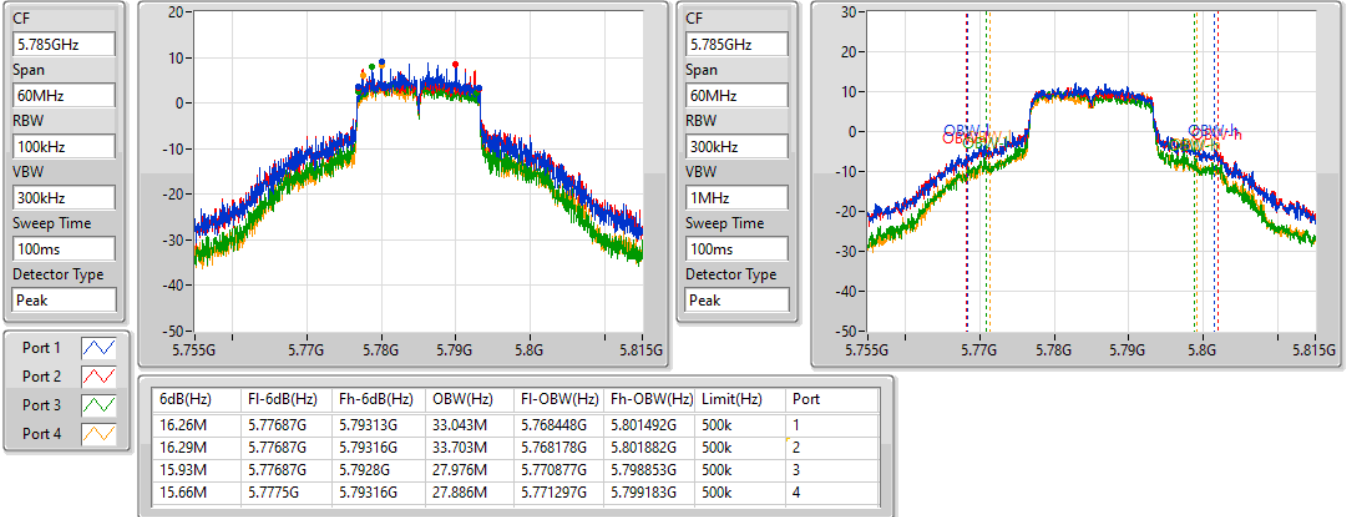


802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

12/11/2021

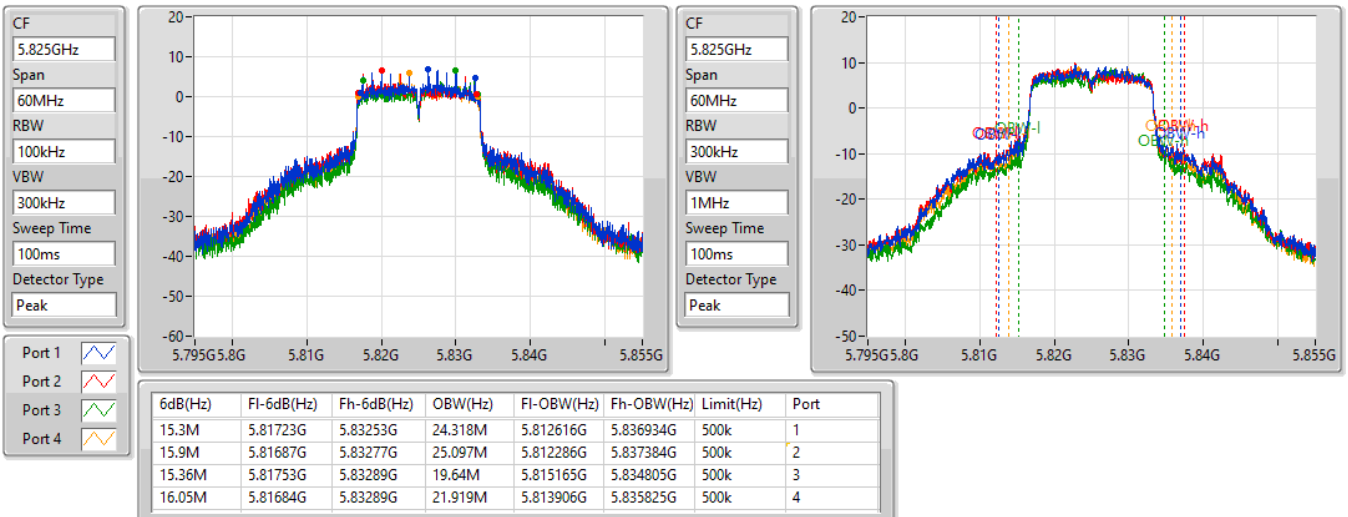


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

12/11/2021

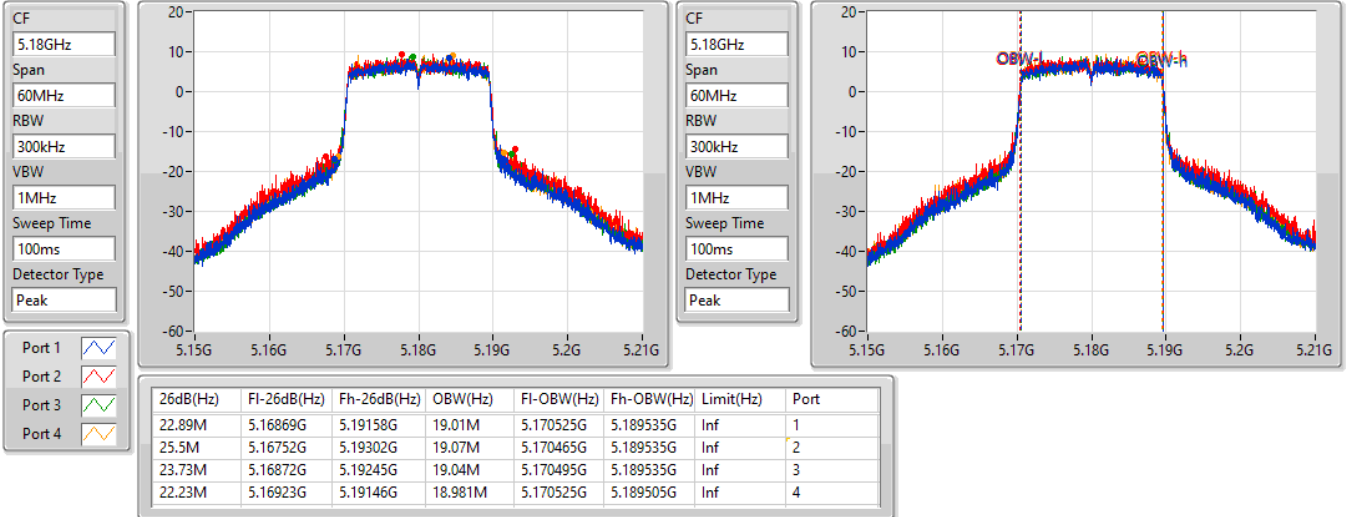


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

12/11/2021

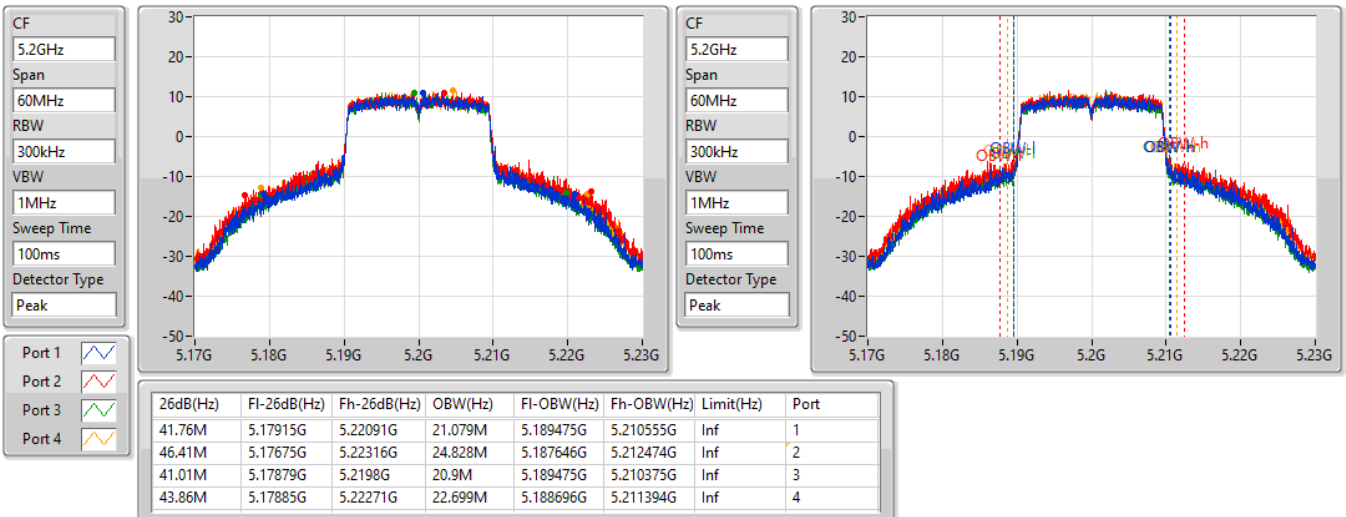


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

12/11/2021

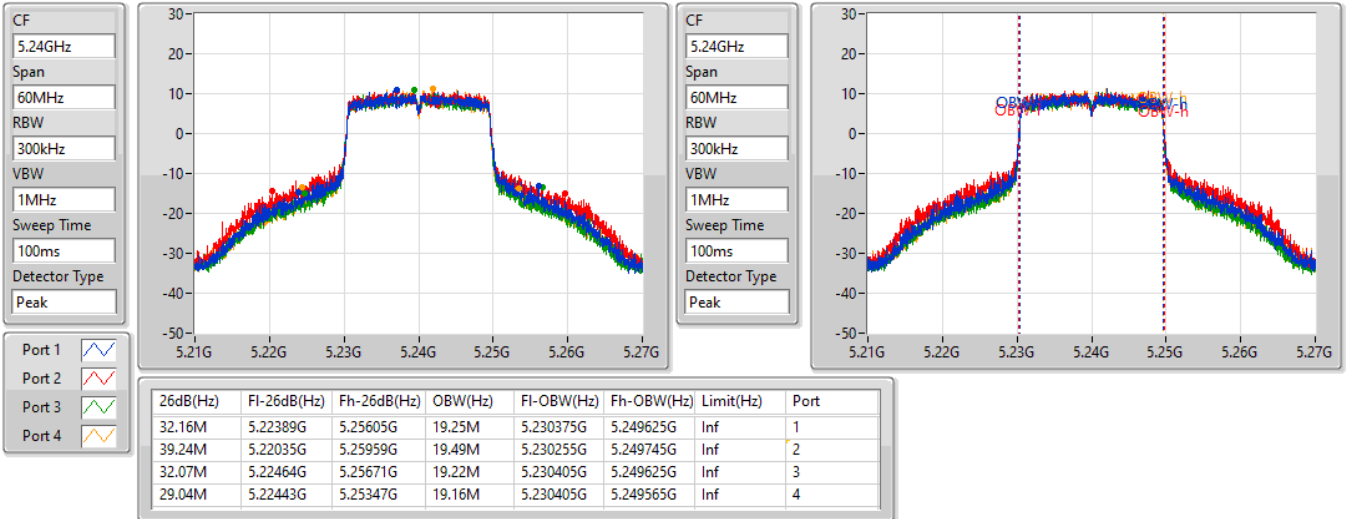


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

12/11/2021

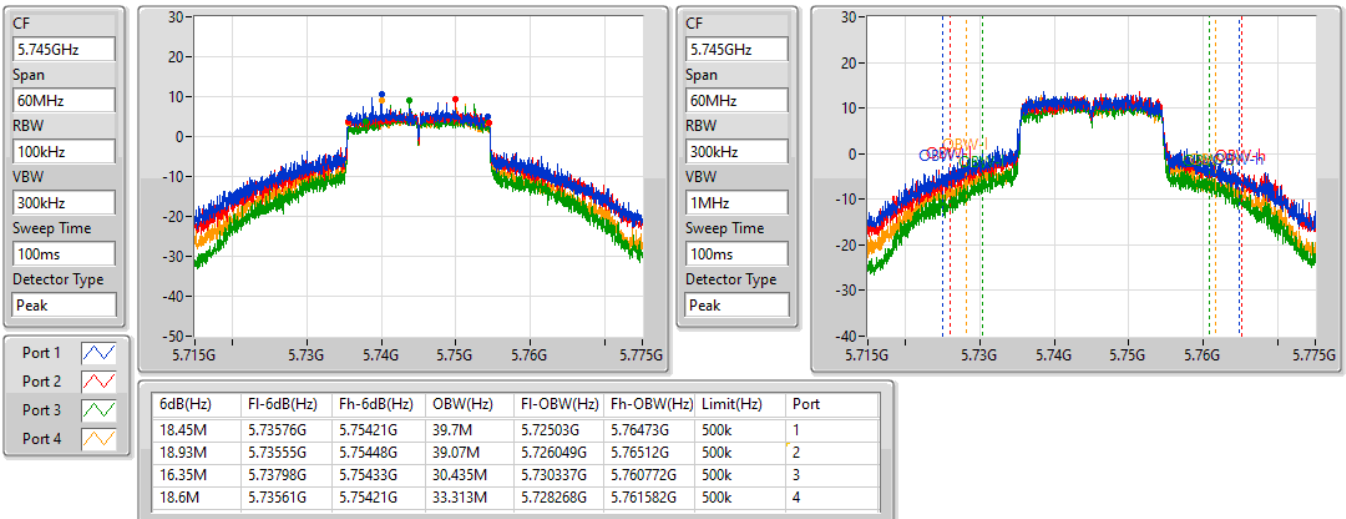


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

12/11/2021

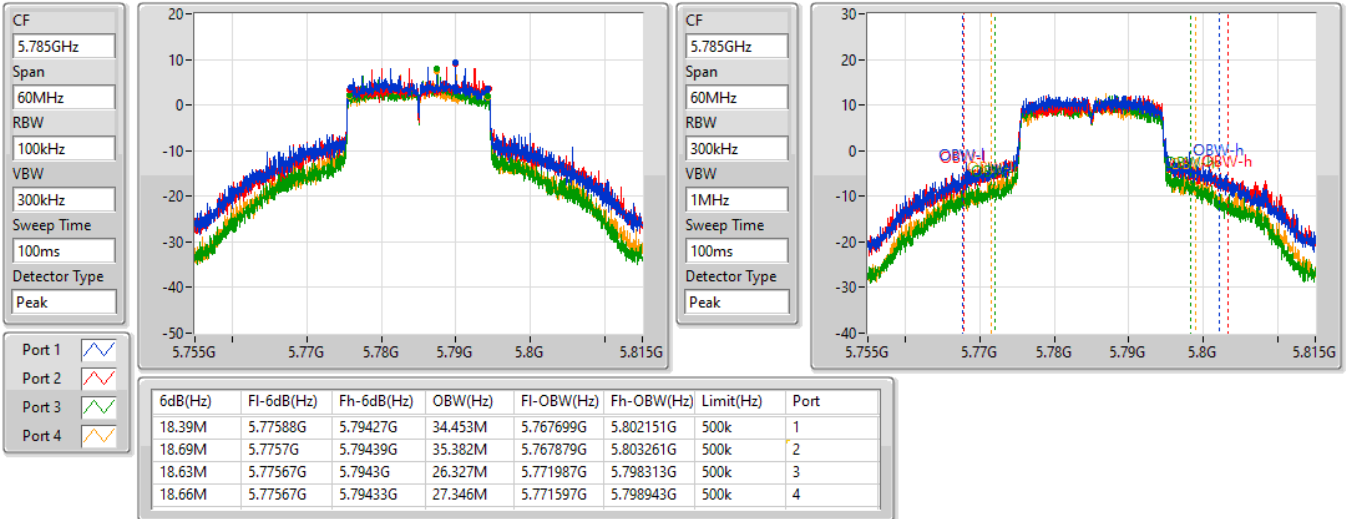


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

12/11/2021

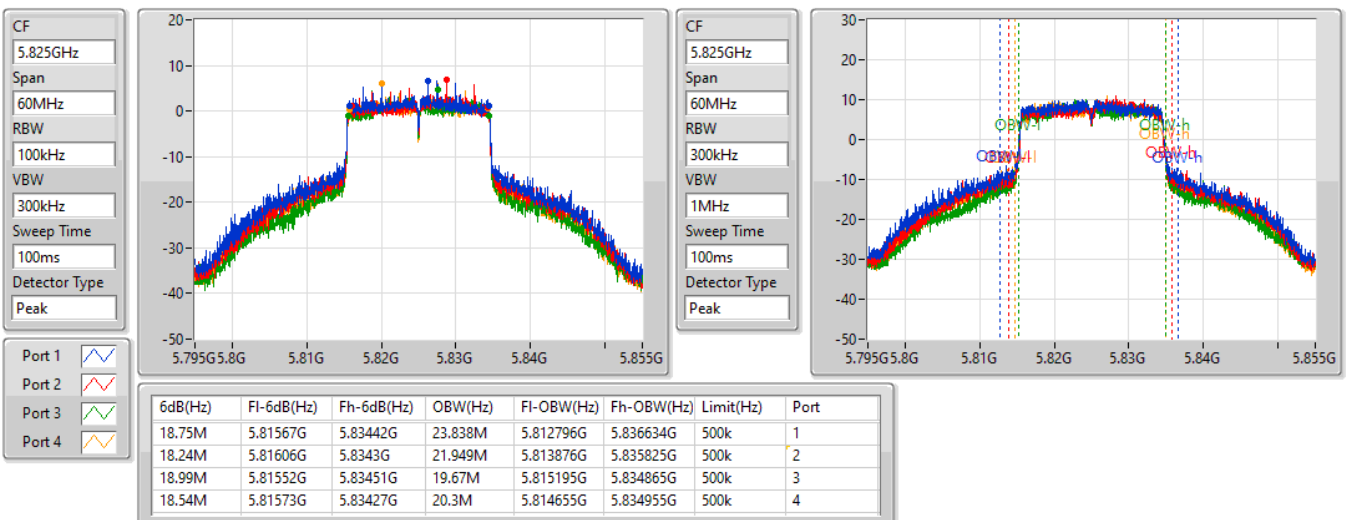


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

12/11/2021

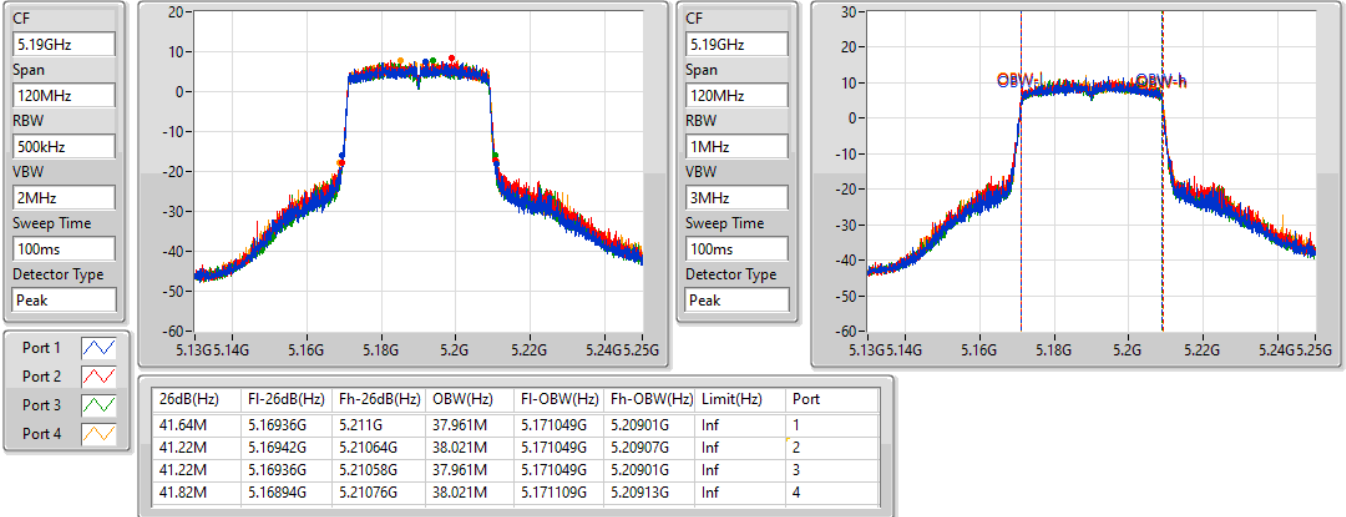


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

12/11/2021

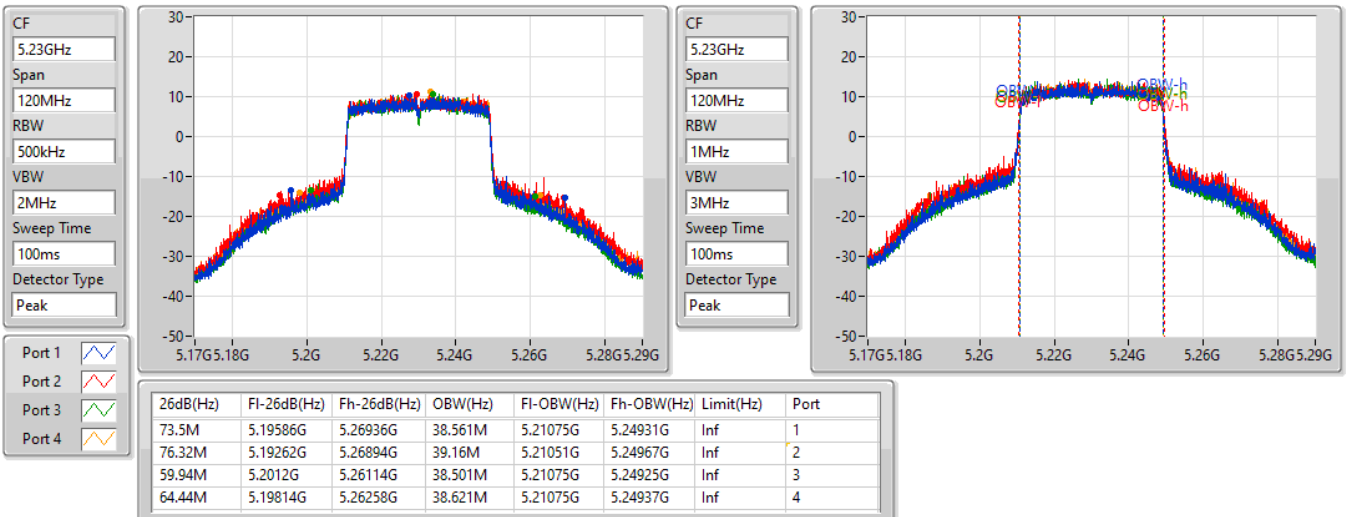


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

12/11/2021

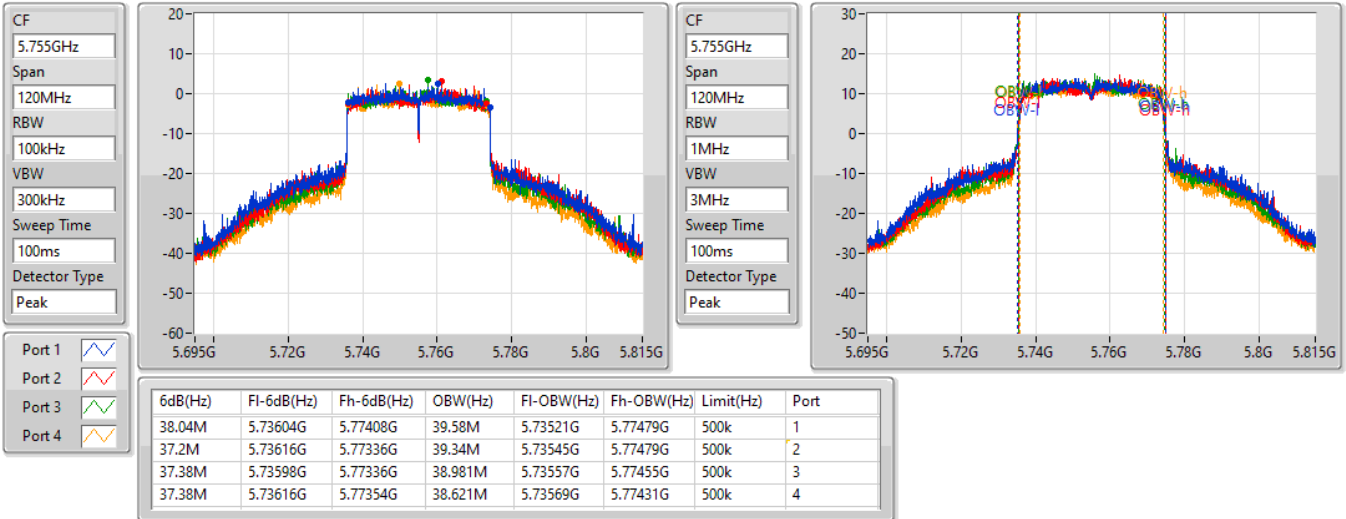


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

12/11/2021

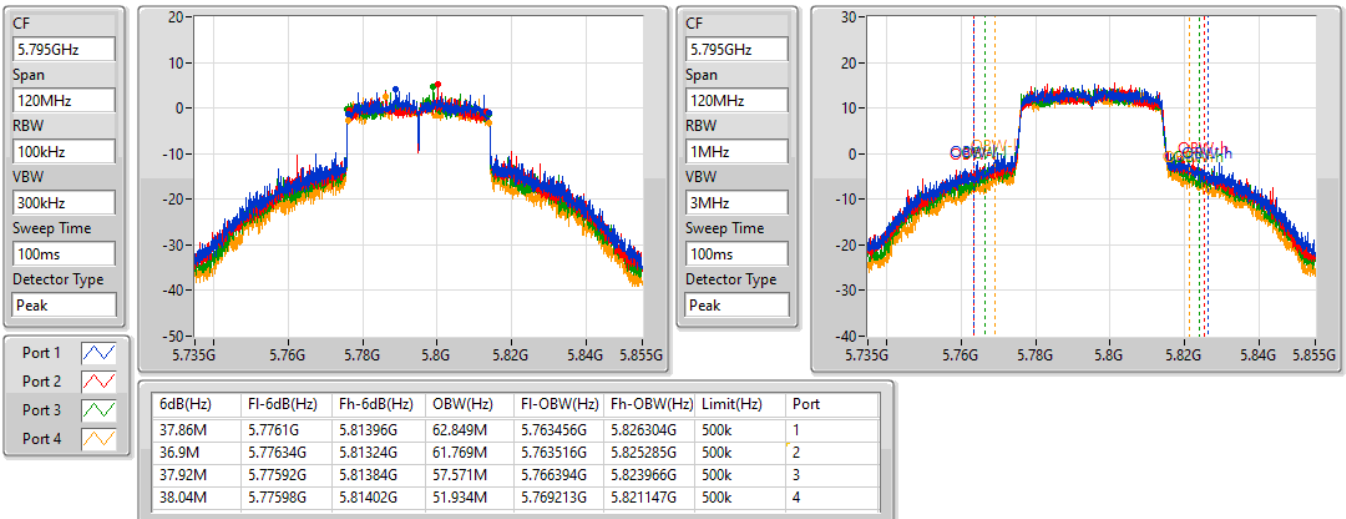


802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

12/11/2021

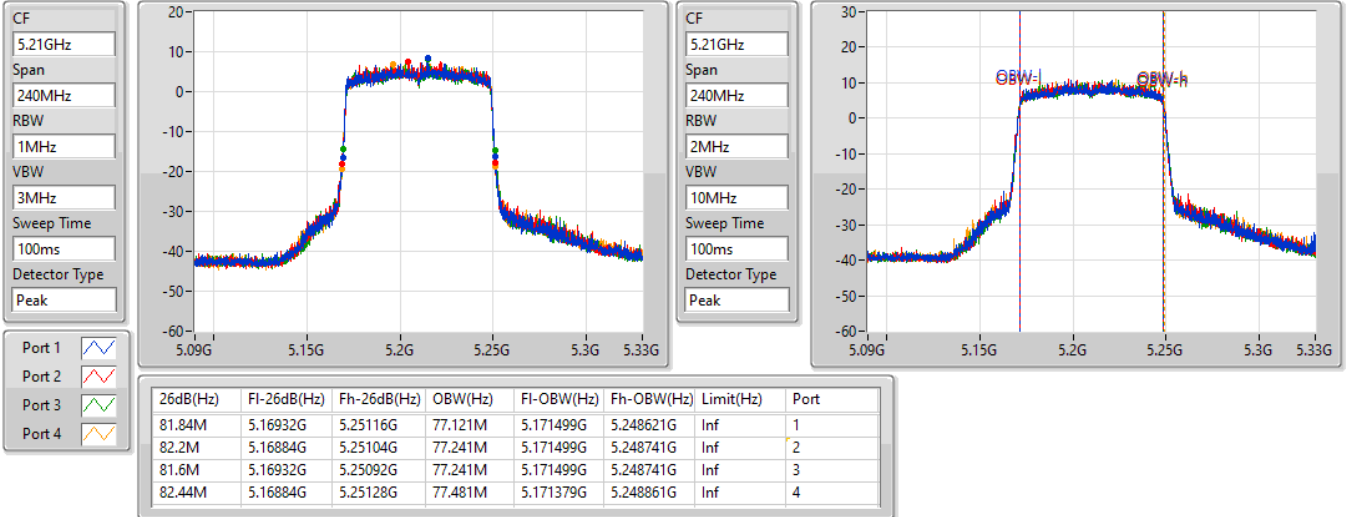


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

12/11/2021

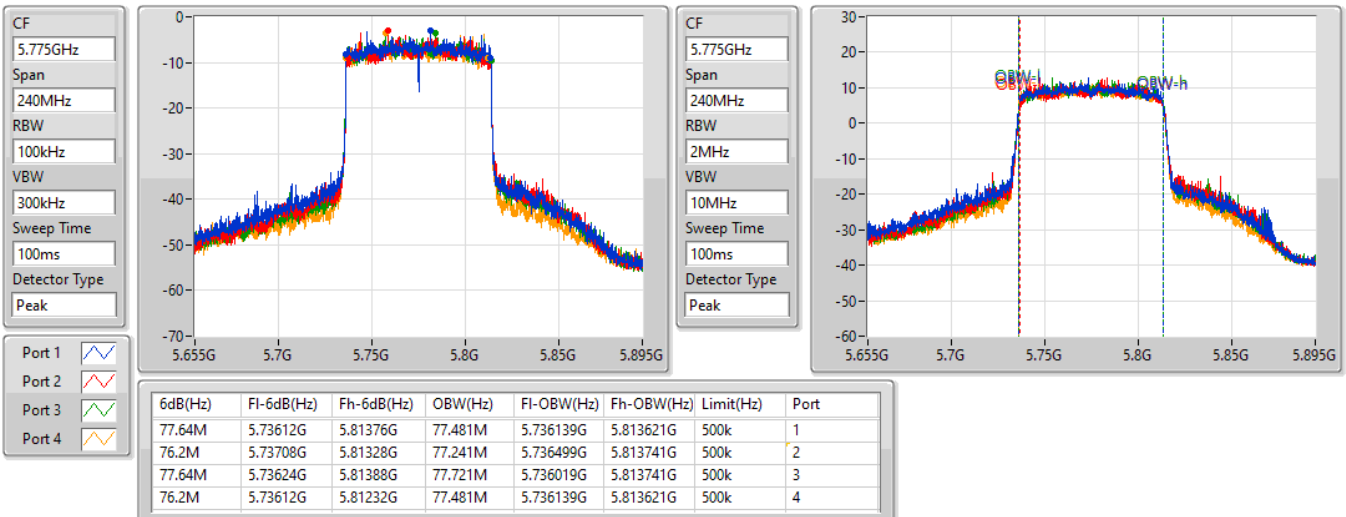


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

12/11/2021



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.38M	40.39M	40M4D1D	16.32M	28.366M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.11M	44.378M	44M4D1D	18.96M	28.696M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.98M	53.433M	53M4D1D	35.4M	38.201M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.64M	77.601M	77M6D1D	76.68M	77.481M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

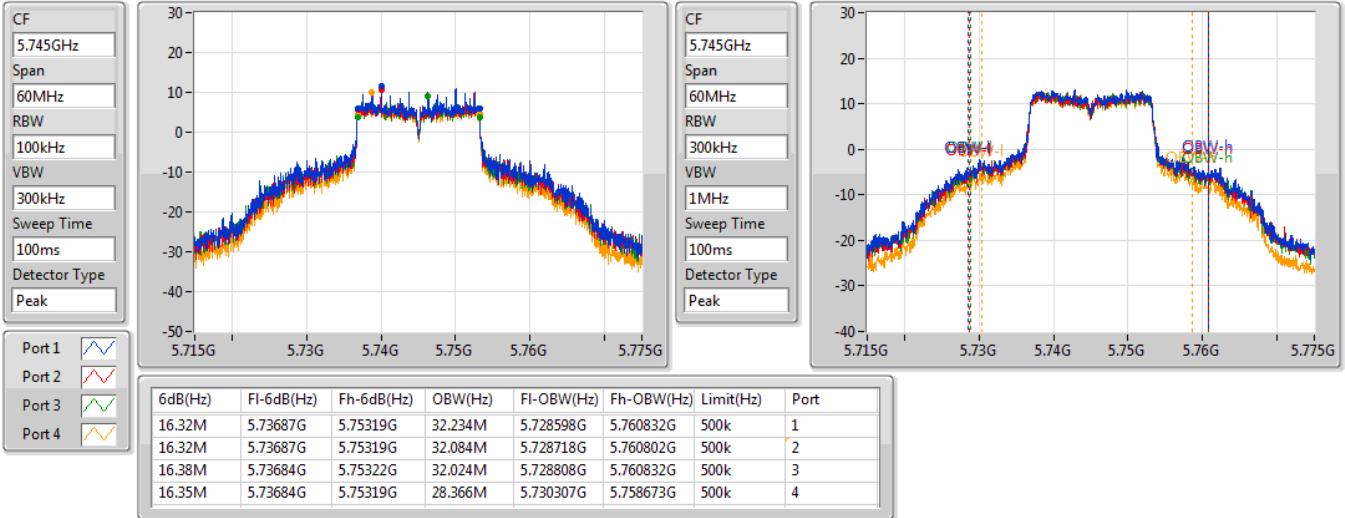
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	16.32M	32.234M	16.32M	32.084M	16.38M	32.024M	16.35M	28.366M
5785MHz	Pass	500k	16.32M	40.3M	16.32M	40.39M	16.32M	39.82M	16.32M	39.85M
5825MHz	Pass	500k	16.35M	39.88M	16.38M	39.82M	16.32M	39.34M	16.38M	39.22M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.99M	35.082M	19.05M	34.393M	18.99M	34.453M	19.02M	28.696M
5785MHz	Pass	500k	18.96M	43.928M	19.05M	44.378M	19.08M	44.048M	19.08M	44.198M
5825MHz	Pass	500k	19.11M	43.508M	19.02M	43.988M	19.05M	43.448M	18.96M	43.568M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	35.4M	38.381M	37.38M	38.621M	36.72M	38.561M	37.8M	38.201M
5795MHz	Pass	500k	37.92M	51.514M	36.96M	52.174M	35.58M	53.433M	37.98M	46.417M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	77.64M	77.601M	76.68M	77.601M	77.04M	77.601M	77.52M	77.481M

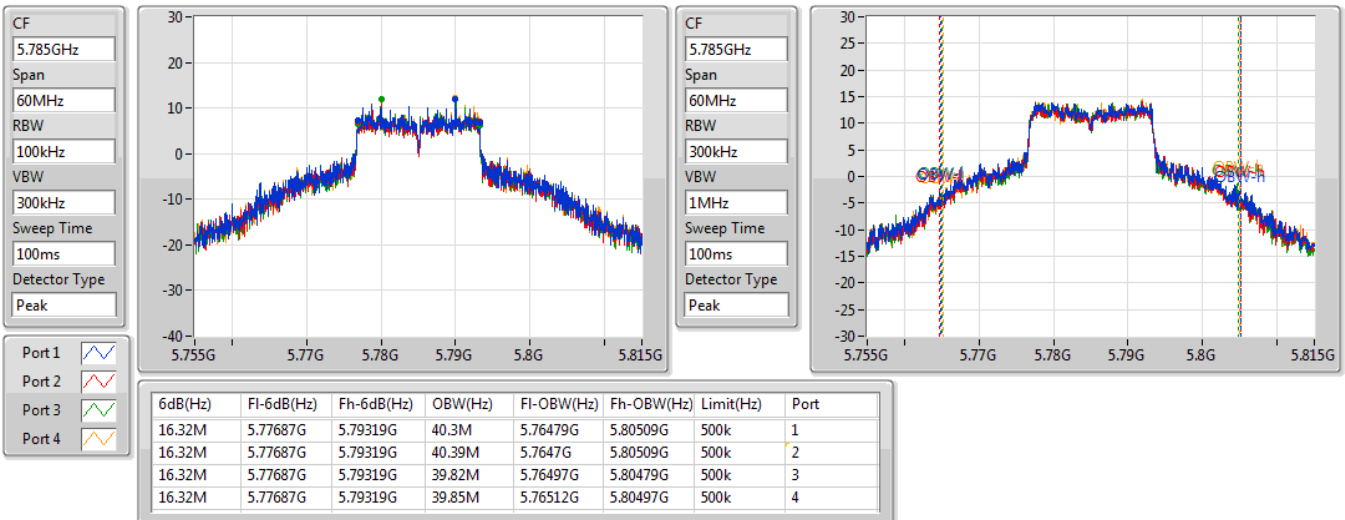
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

08/10/2021


802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

08/10/2021

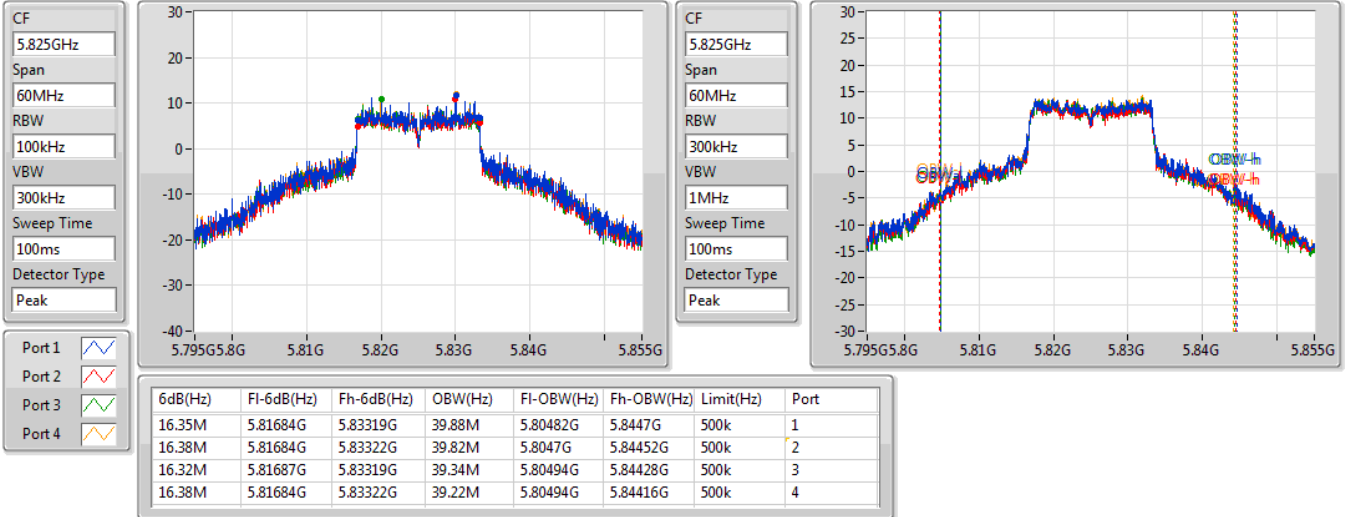


802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

08/10/2021

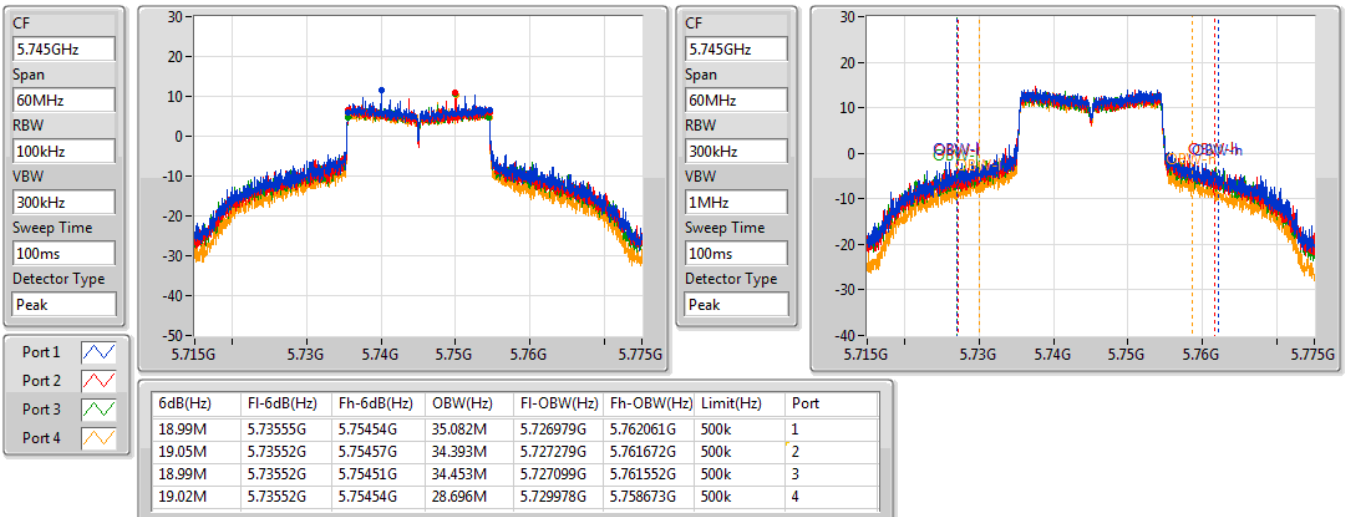


802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

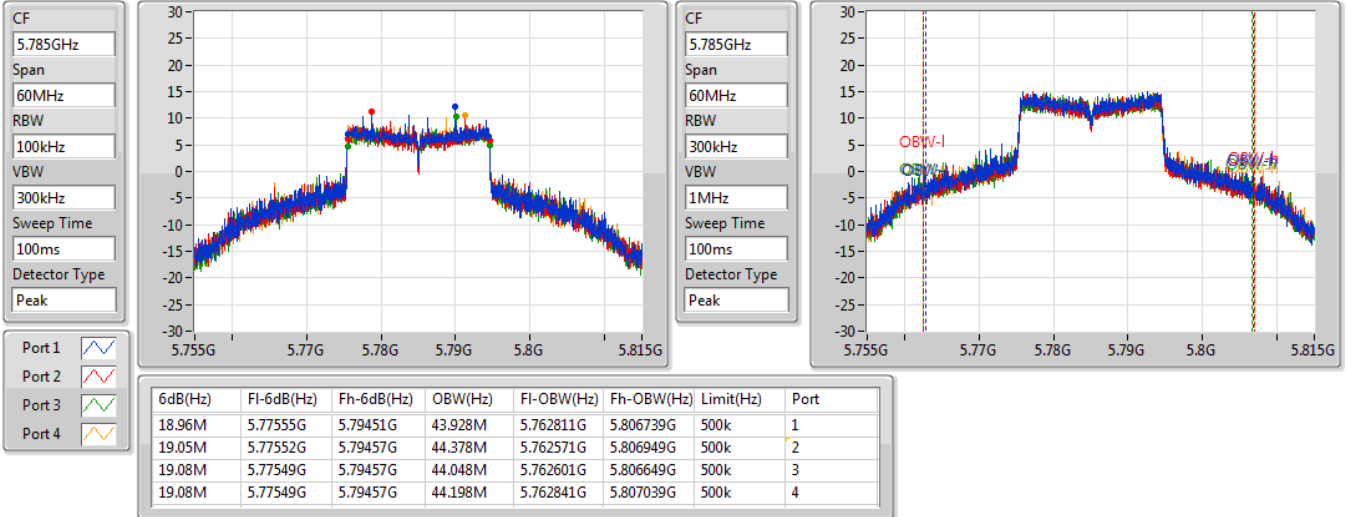
5745MHz

08/10/2021

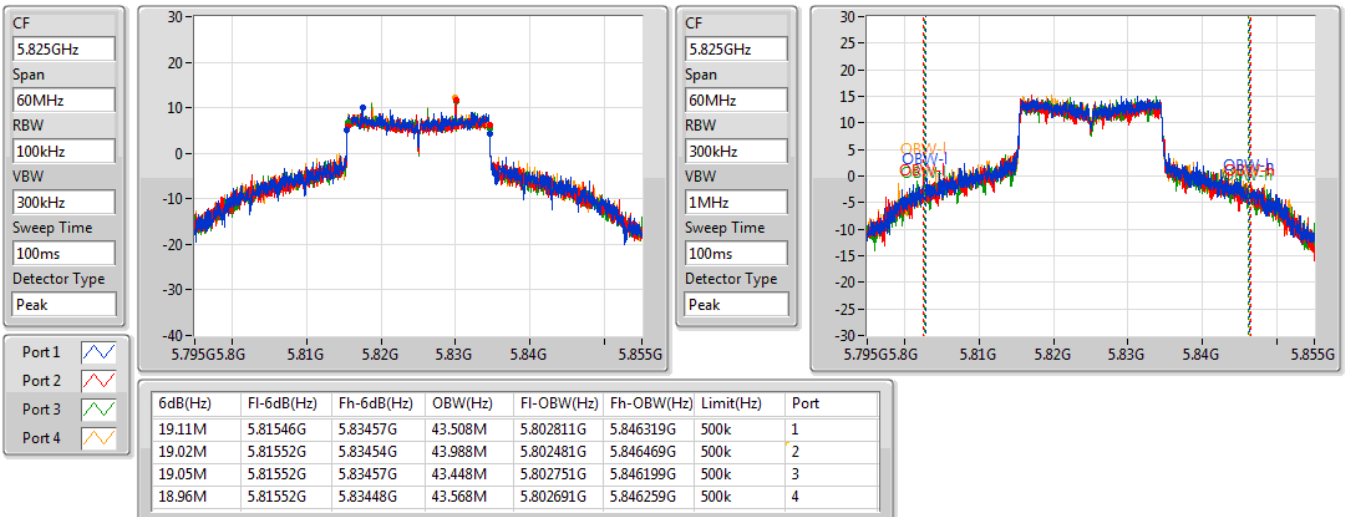


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5785MHz

08/10/2021

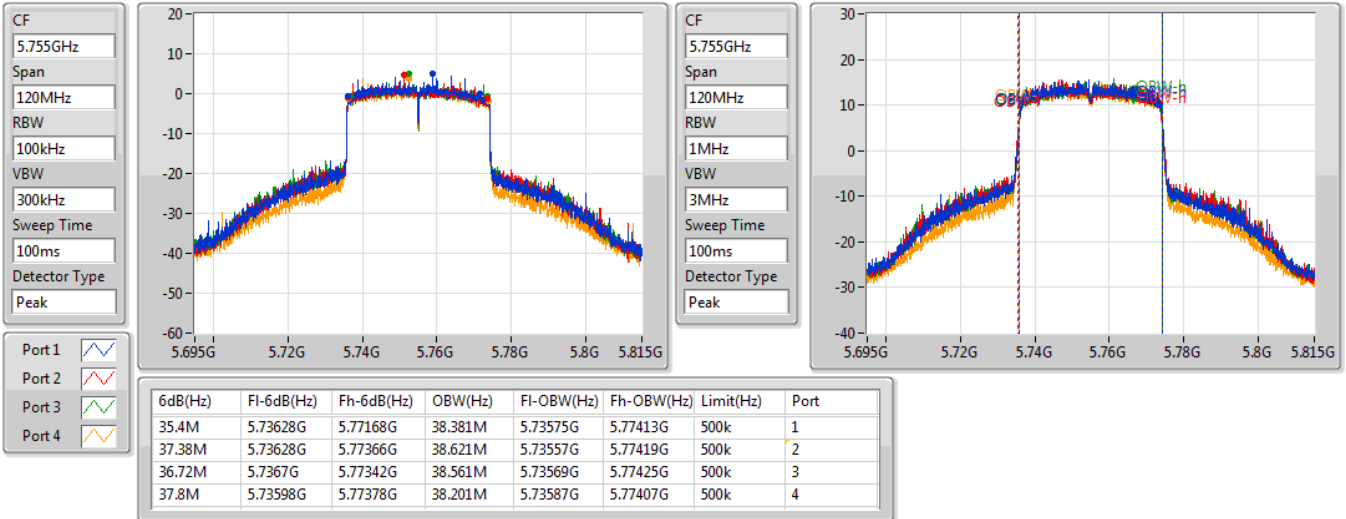

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5825MHz

08/10/2021

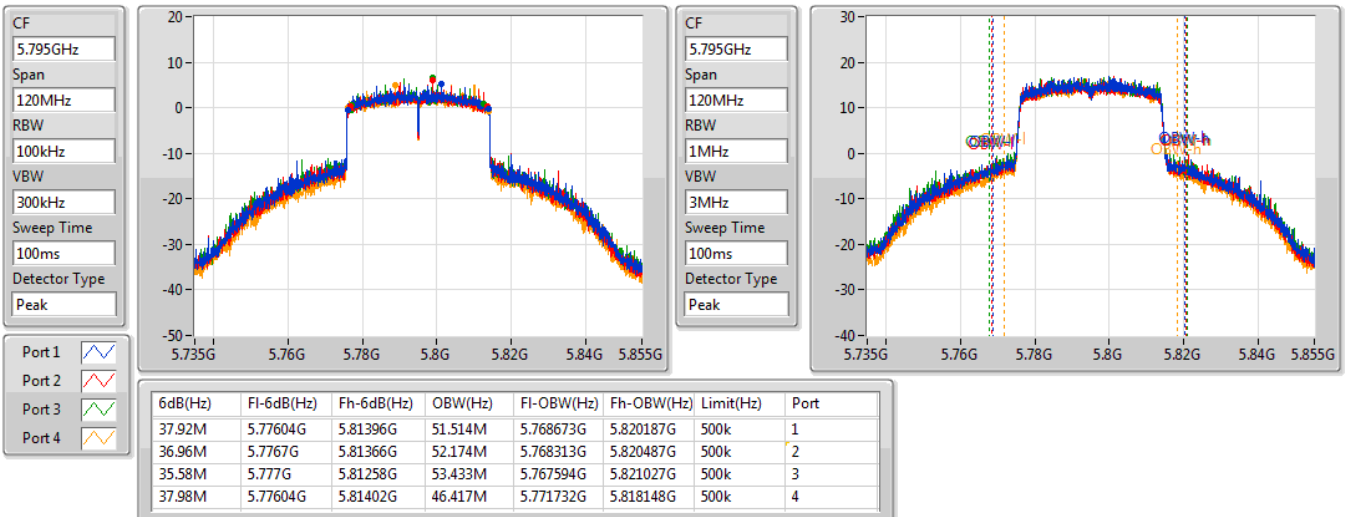


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5755MHz

08/10/2021


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5795MHz

08/10/2021

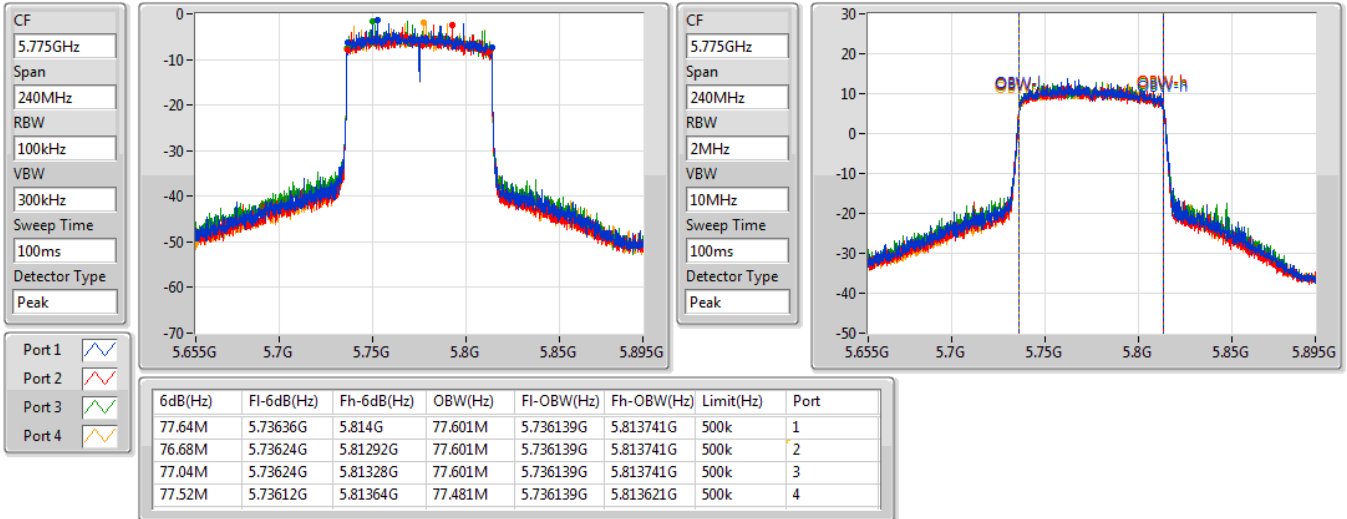


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

08/10/2021



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	39.78M	20.78M	20M8D1D	20.88M	16.642M
802.11ax HEW20_Nss1,(MCS0)_2TX	38.31M	19.52M	19M5D1D	21.63M	19.13M
802.11ax HEW40_Nss1,(MCS0)_2TX	61.74M	38.321M	38M3D1D	40.38M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.2M	77.361M	77M4D1D	82.2M	77.241M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.38M	35.772M	35M8D1D	16.29M	34.573M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	39.73M	39M7D1D	18.9M	35.952M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.92M	62.549M	62M5D1D	37.02M	38.381M
802.11ax HEW80_Nss1,(MCS0)_2TX	77.64M	77.721M	77M7D1D	74.88M	77.601M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.88M	16.672M	21.03M	16.642M
5200MHz	Pass	Inf	36.6M	18.531M	39.78M	20.78M
5240MHz	Pass	Inf	34.17M	17.331M	36.42M	18.351M
5745MHz	Pass	500k	16.29M	35.262M	16.35M	35.772M
5785MHz	Pass	500k	16.32M	35.022M	16.38M	35.652M
5825MHz	Pass	500k	16.32M	34.573M	16.35M	35.352M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.63M	19.13M	21.93M	19.13M
5200MHz	Pass	Inf	31.44M	19.43M	35.79M	19.46M
5240MHz	Pass	Inf	35.16M	19.37M	38.31M	19.52M
5745MHz	Pass	500k	18.99M	35.952M	19.05M	36.972M
5785MHz	Pass	500k	19.02M	38.501M	18.96M	39.73M
5825MHz	Pass	500k	18.93M	36.192M	18.9M	38.111M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.38M	37.841M	40.8M	37.841M
5230MHz	Pass	Inf	55.74M	38.201M	61.74M	38.321M
5755MHz	Pass	500k	37.5M	38.381M	37.02M	38.681M
5795MHz	Pass	500k	37.92M	58.711M	37.14M	62.549M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.361M	82.2M	77.241M
5775MHz	Pass	500k	74.88M	77.601M	77.64M	77.721M

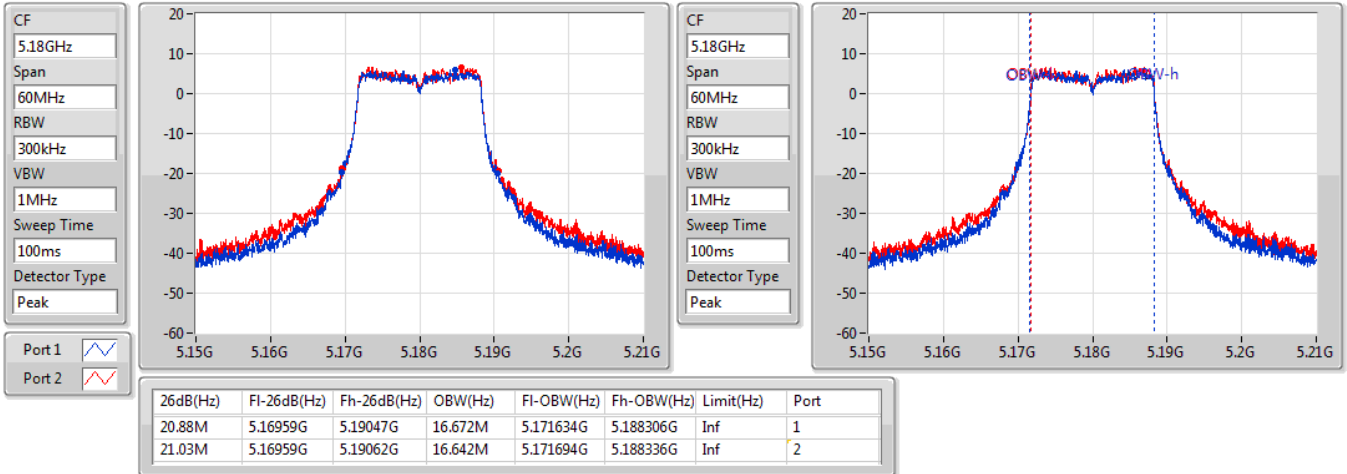
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11a_Nss1,(6Mbps)_2TX

EBW

5180MHz

08/10/2021

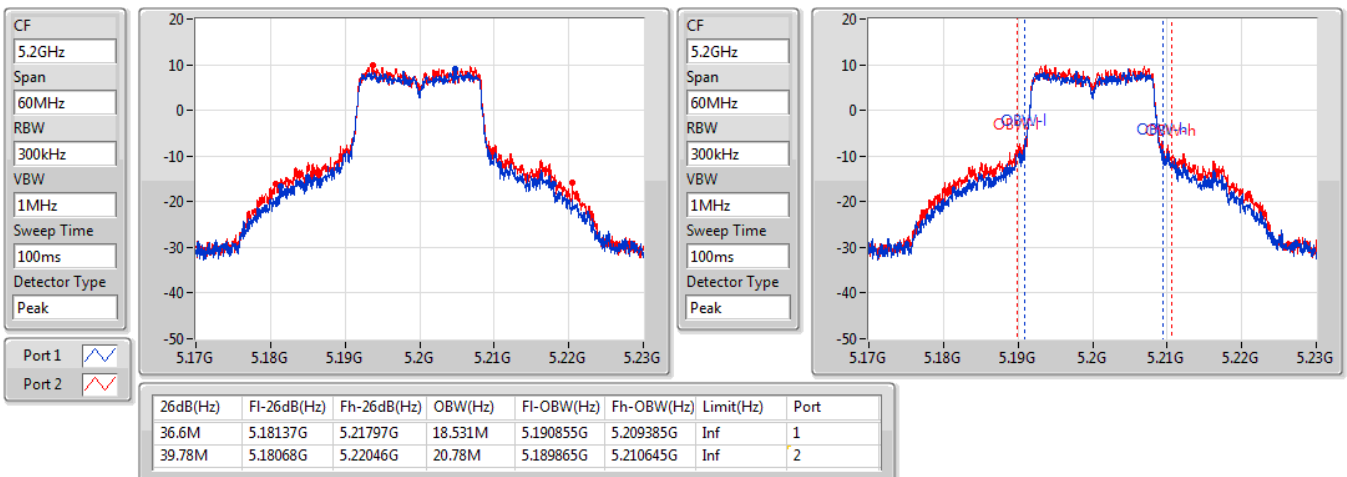


802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

08/10/2021

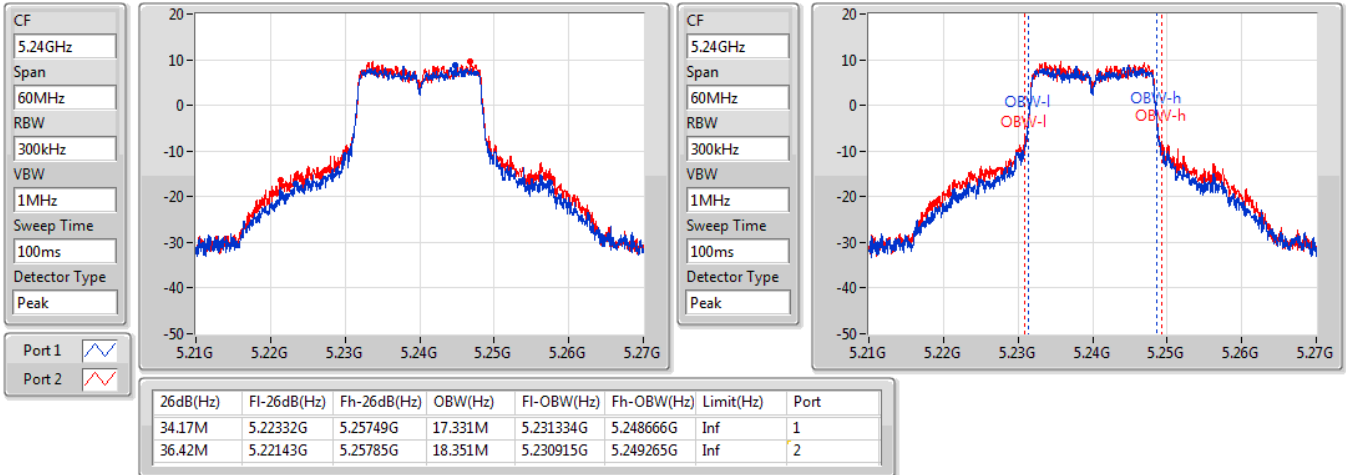


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

08/10/2021

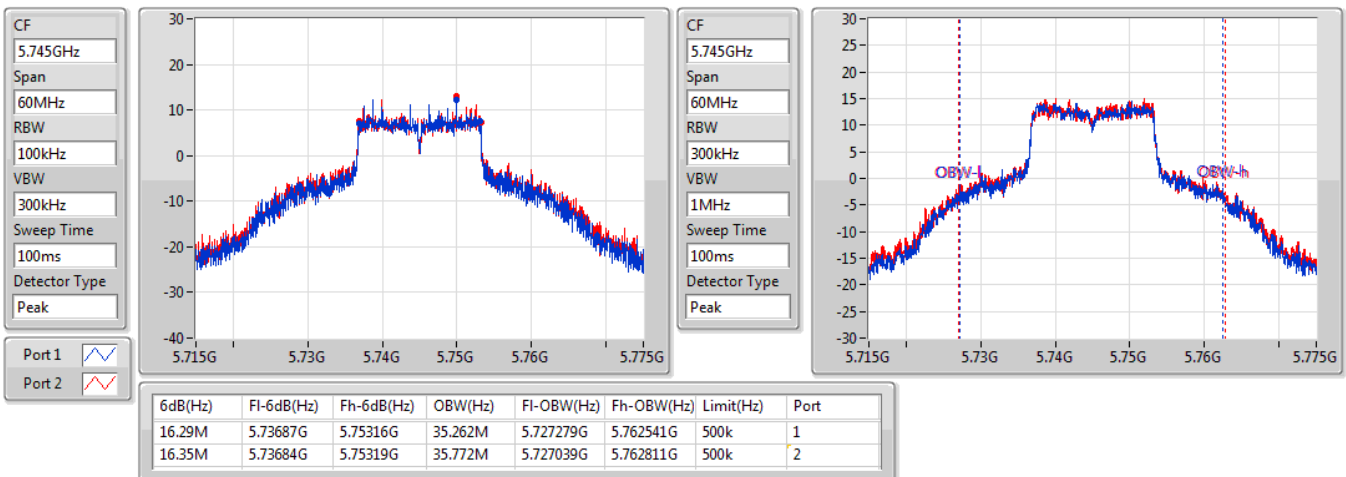


802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

08/10/2021

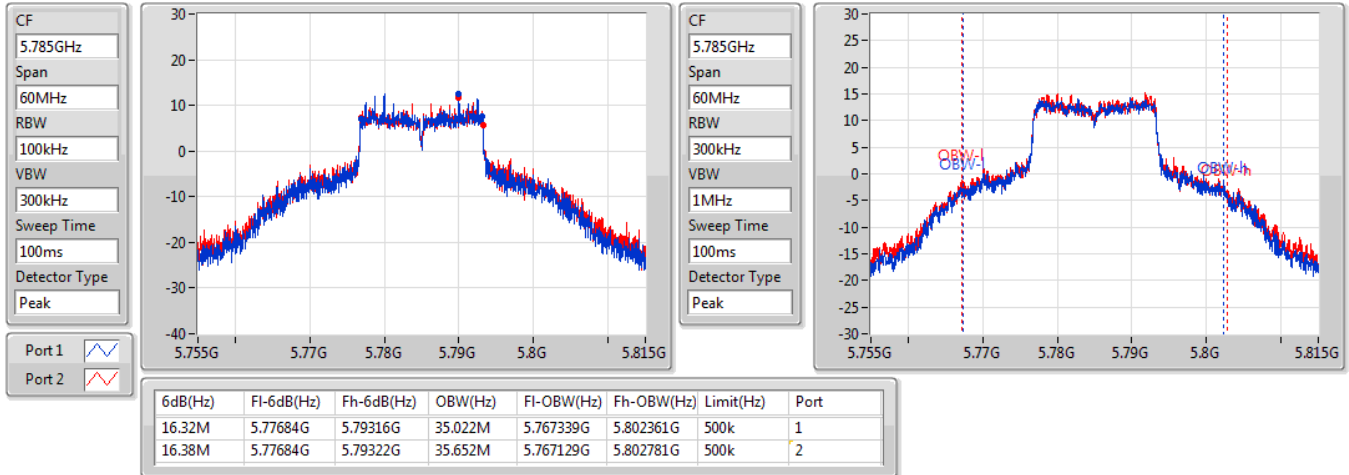


802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

08/10/2021

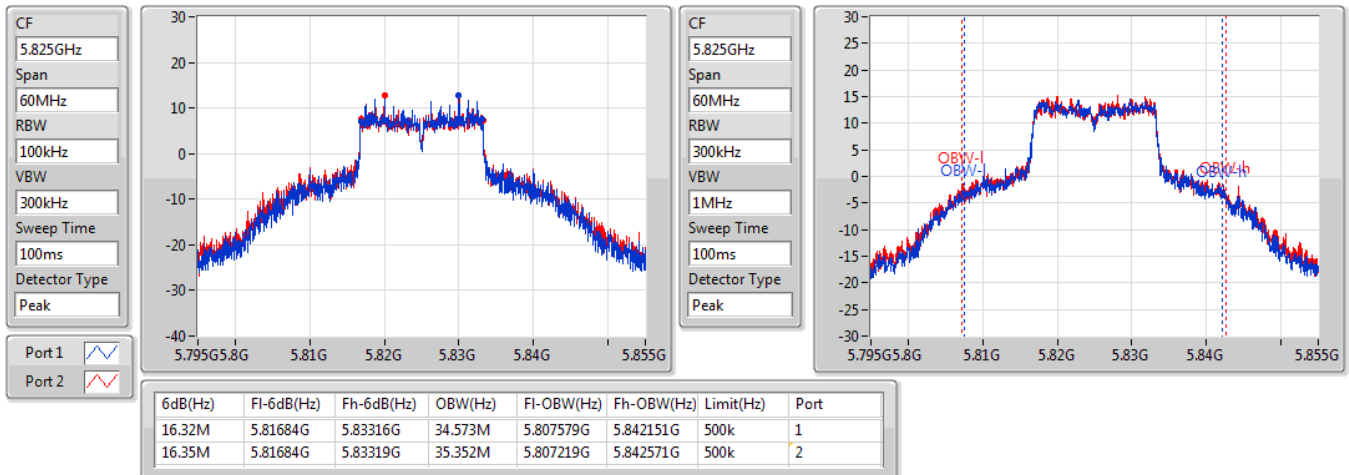


802.11a_Nss1,(6Mbps)_2TX

EBW

5825MHz

08/10/2021

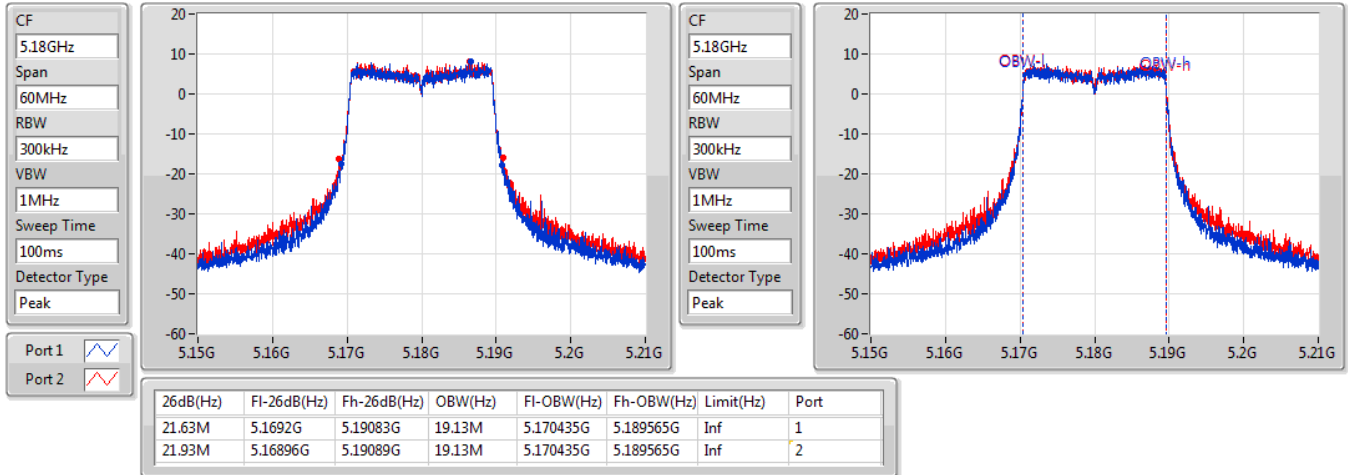


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

09/10/2021

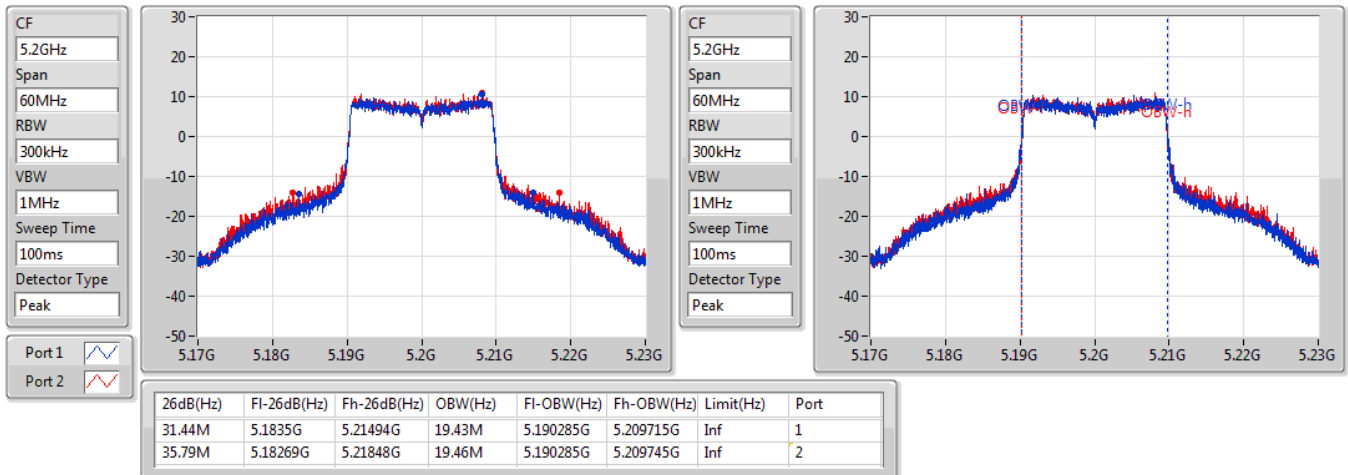


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5200MHz

09/10/2021

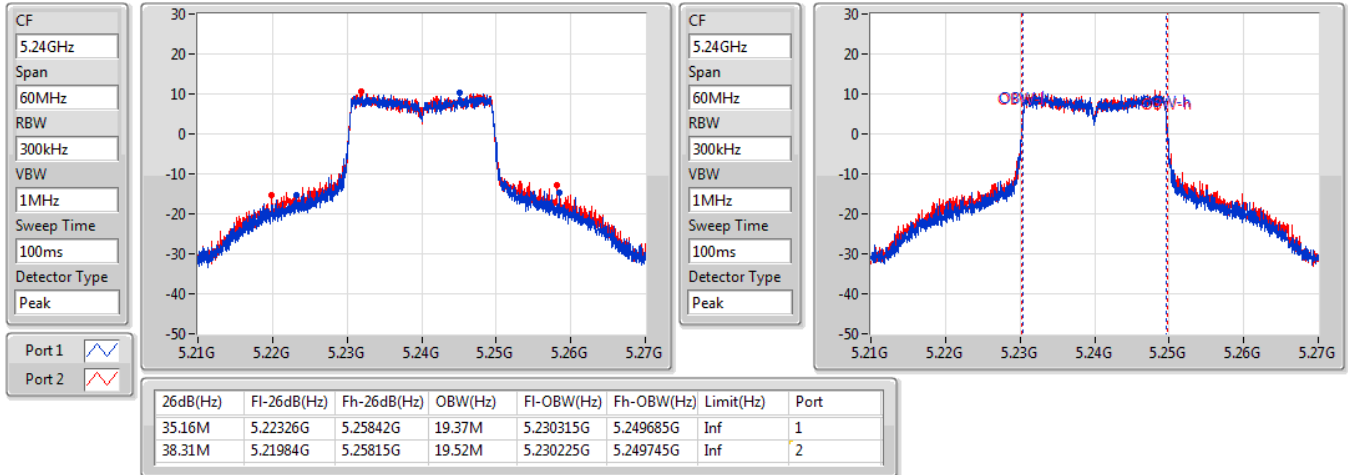


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5240MHz

09/10/2021

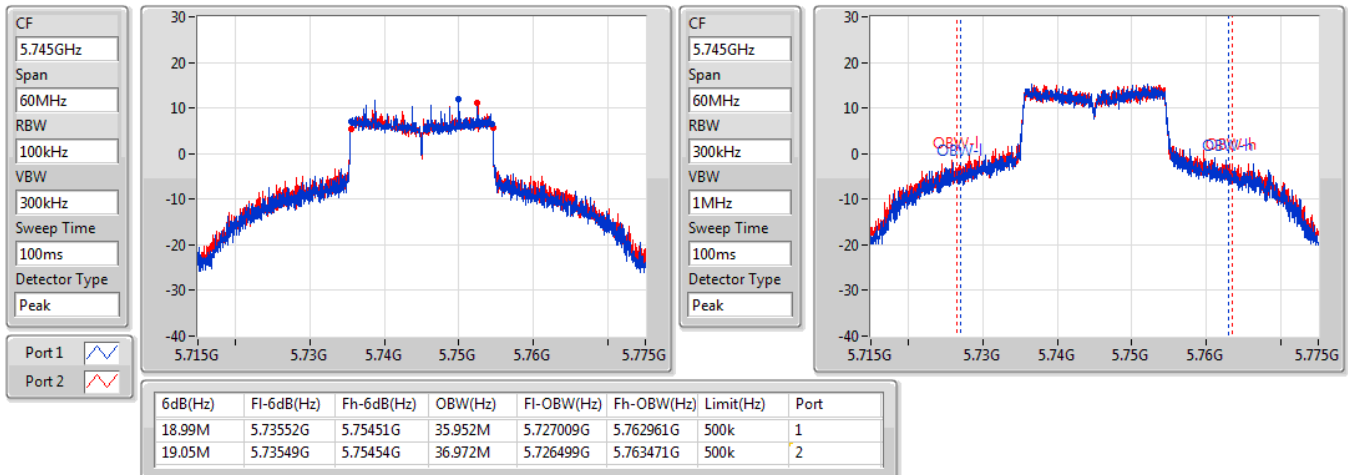


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5745MHz

09/10/2021

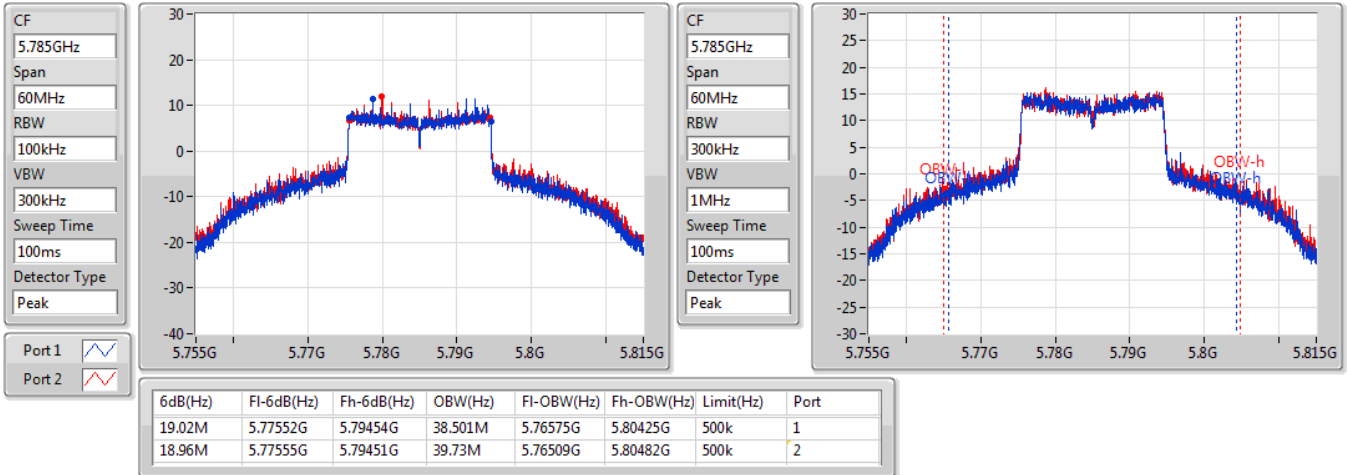


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5785MHz

09/10/2021

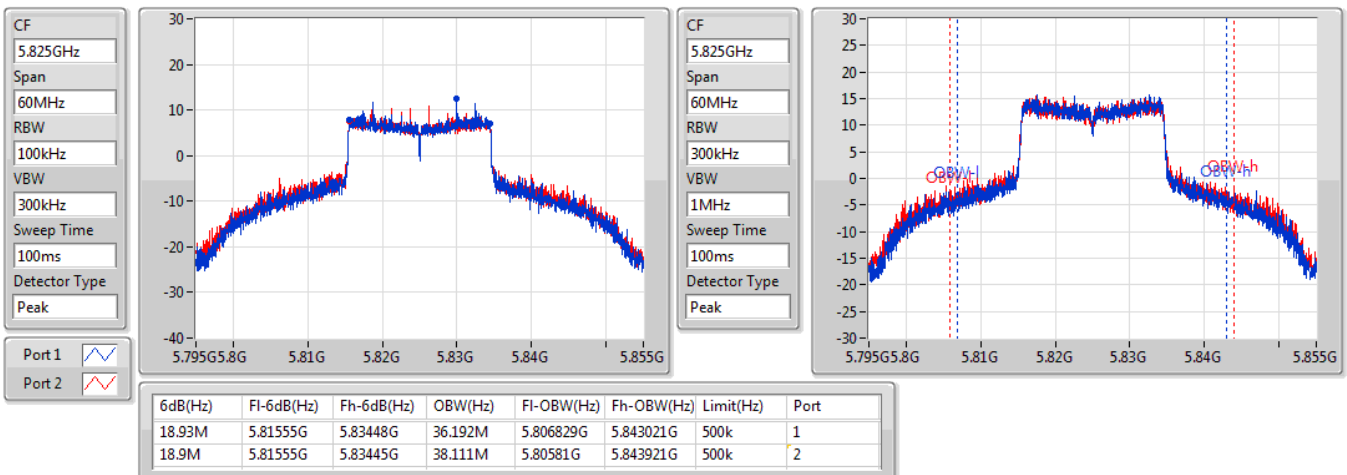


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

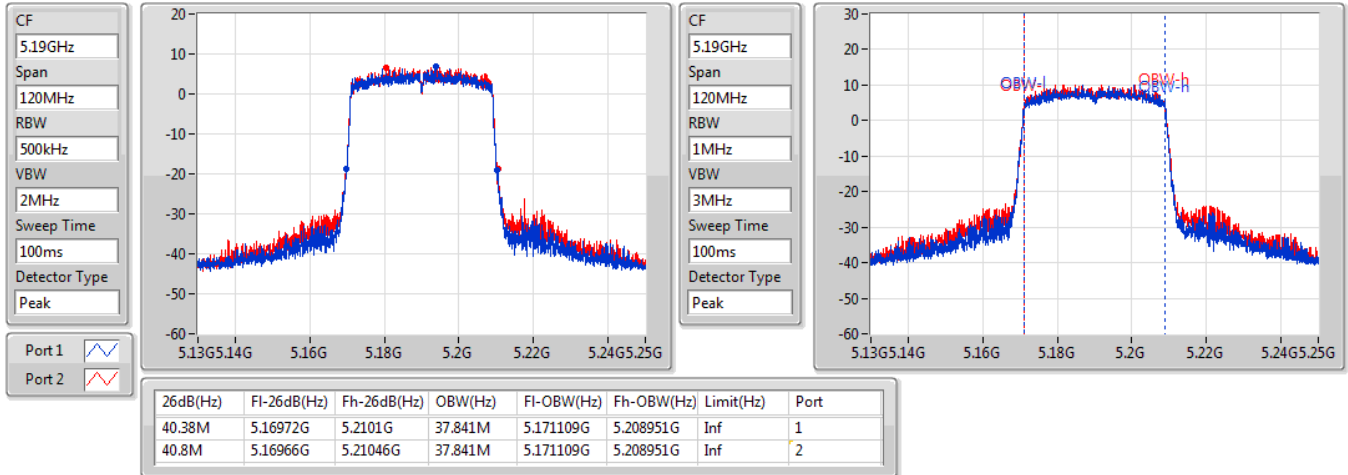
5825MHz

09/10/2021

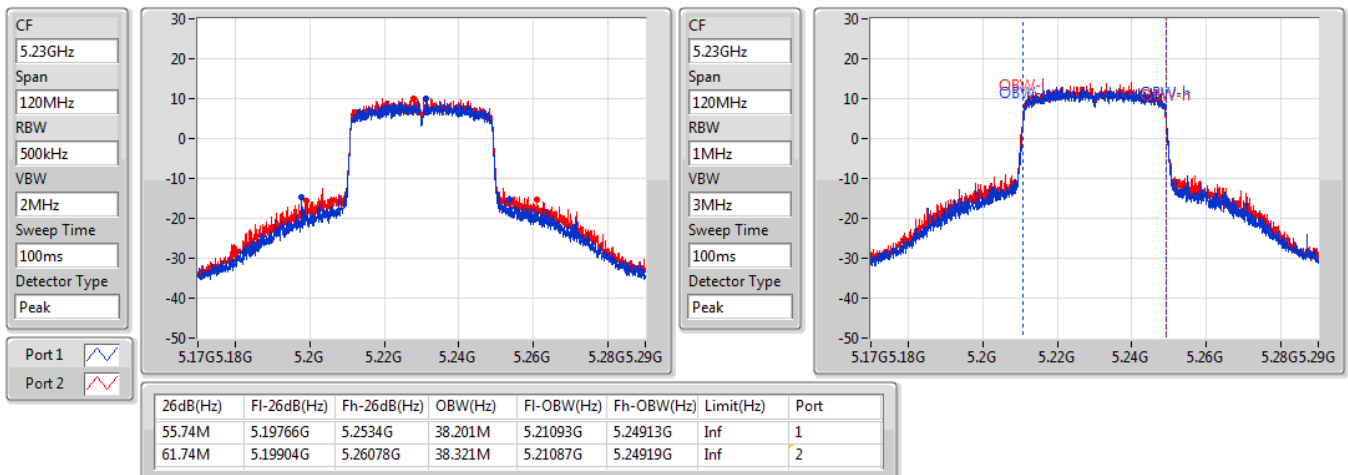


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

09/10/2021


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

09/10/2021

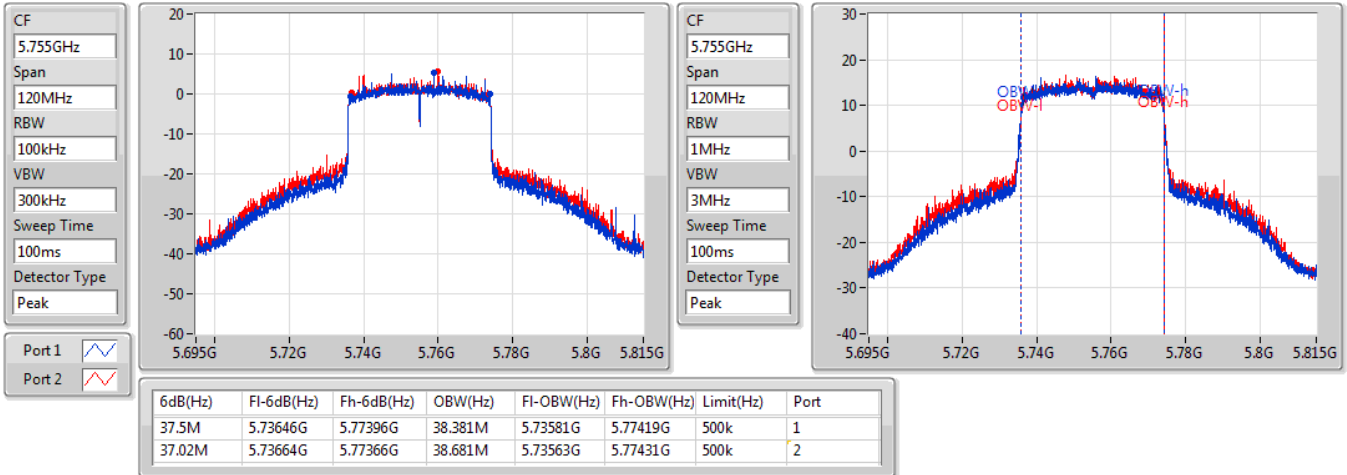


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

09/10/2021

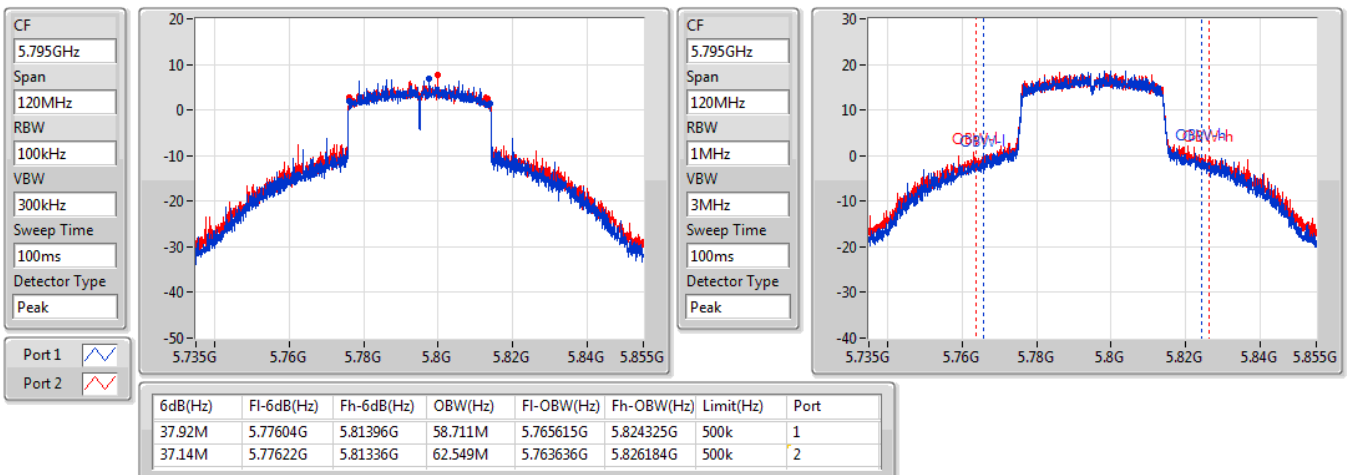


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

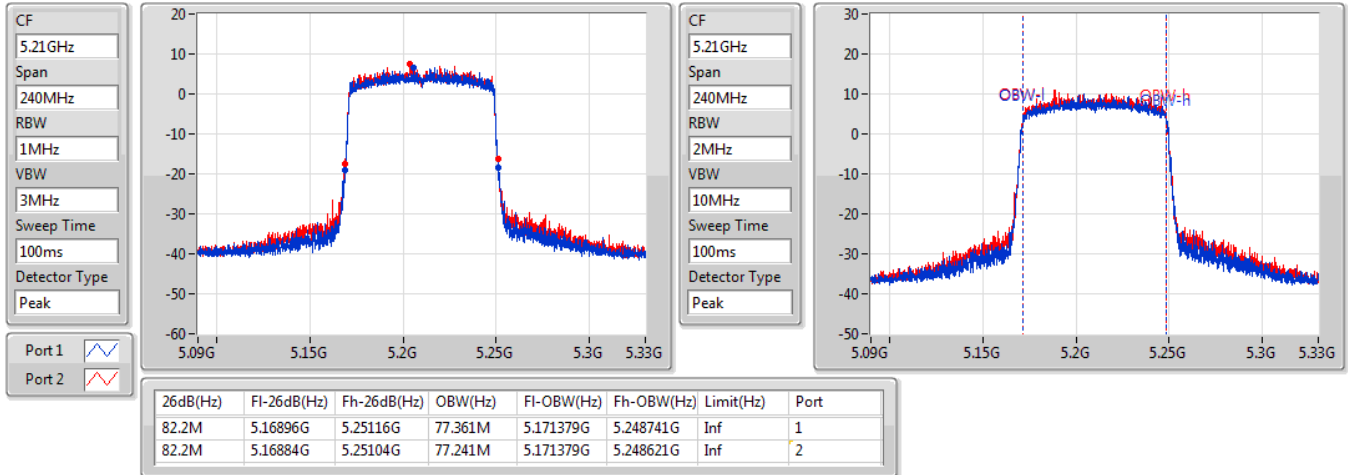
5795MHz

09/10/2021

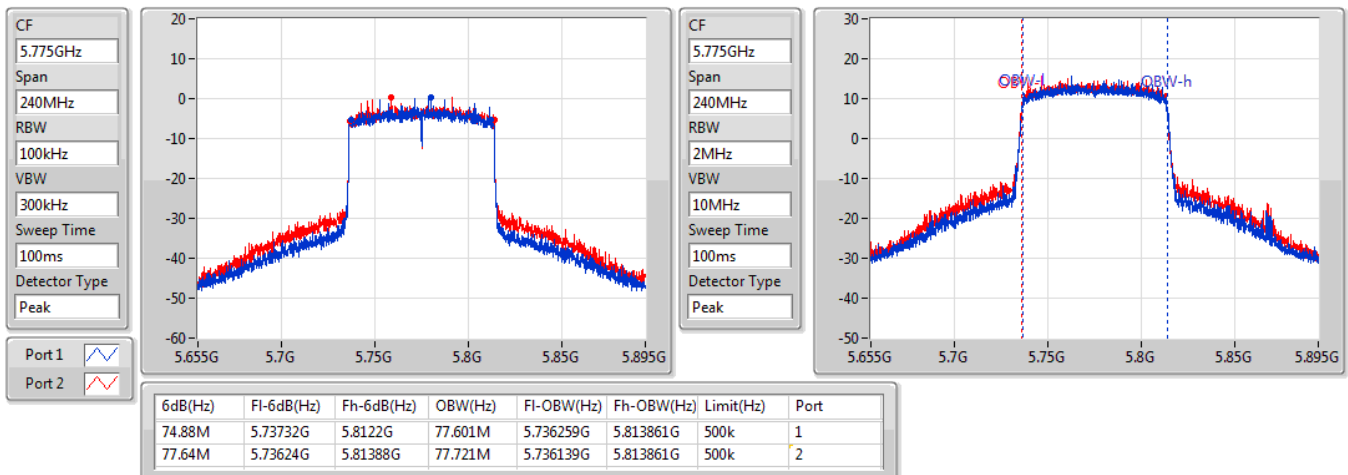


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

09/10/2021


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

09/10/2021





Average Power_Non-Beamforming_Radio2

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.77	0.47534	33.06	2.02302
802.11ax HEW20_Nss1,(MCS0)_4TX	25.18	0.32961	31.47	1.40281
802.11ax HEW40_Nss1,(MCS0)_4TX	24.61	0.28907	30.90	1.23027
802.11ax HEW80_Nss1,(MCS0)_4TX	20.61	0.11508	26.90	0.48978
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	27.79	0.60117	34.08	2.55859
802.11ax HEW20_Nss1,(MCS0)_4TX	27.16	0.52000	33.45	2.21309
802.11ax HEW40_Nss1,(MCS0)_4TX	25.82	0.38194	32.11	1.62555
802.11ax HEW80_Nss1,(MCS0)_4TX	21.82	0.15205	28.11	0.64714



Average Power_Non-Beamforming_Radio2

Appendix C.1

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	6.29	16.25	16.76	16.34	16.52	22.49	29.71	28.78	36.00
5200MHz	Pass	6.29	20.59	20.77	20.80	20.82	26.77	29.71	33.06	36.00
5240MHz	Pass	6.29	17.71	18.65	18.02	18.38	24.23	29.71	30.52	36.00
5745MHz	Pass	6.29	21.72	21.53	21.93	21.90	27.79	29.71	34.08	36.00
5785MHz	Pass	6.29	20.85	20.59	19.84	19.73	26.30	29.71	32.59	36.00
5825MHz	Pass	6.29	18.43	18.32	17.72	18.08	24.17	29.71	30.46	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.29	16.36	16.89	16.54	16.55	22.61	29.71	28.90	36.00
5200MHz	Pass	6.29	18.91	19.38	18.98	19.33	25.18	29.71	31.47	36.00
5240MHz	Pass	6.29	18.75	19.11	18.10	18.70	24.70	29.71	30.99	36.00
5745MHz	Pass	6.29	21.39	21.50	20.62	20.98	27.16	29.71	33.45	36.00
5785MHz	Pass	6.29	20.82	20.48	19.59	19.88	26.24	29.71	32.53	36.00
5825MHz	Pass	6.29	18.49	18.17	17.84	17.99	24.15	29.71	30.44	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.29	15.49	15.93	15.54	15.83	21.72	29.71	28.01	36.00
5230MHz	Pass	6.29	18.42	18.95	18.22	18.74	24.61	29.71	30.90	36.00
5755MHz	Pass	6.29	19.02	18.78	18.71	18.19	24.71	29.71	31.00	36.00
5795MHz	Pass	6.29	20.18	19.87	19.76	19.36	25.82	29.71	32.11	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.29	14.51	14.71	14.49	14.63	20.61	29.71	26.90	36.00
5775MHz	Pass	6.29	16.06	15.77	15.88	15.46	21.82	29.71	28.11	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	28.19	0.65917	34.45	2.78612
802.11ax HEW20_Nss1,(MCS0)_4TX	28.36	0.68549	34.62	2.89734
802.11ax HEW40_Nss1,(MCS0)_4TX	26.29	0.42560	32.55	1.79887
802.11ax HEW80_Nss1,(MCS0)_4TX	22.13	0.16331	28.39	0.69024



Average Power_Non-Beamforming_Radio3

Appendix C.2

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	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	6.26	21.56	21.13	20.95	20.79	27.14	29.74	33.40	36.00
5785MHz	Pass	6.26	22.38	21.99	22.05	22.25	28.19	29.74	34.45	36.00
5825MHz	Pass	6.26	22.20	21.71	21.82	22.07	27.97	29.74	34.23	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	6.26	21.76	21.31	21.22	20.89	27.33	29.74	33.59	36.00
5785MHz	Pass	6.26	22.56	22.22	22.12	22.46	28.36	29.74	34.62	36.00
5825MHz	Pass	6.26	22.36	21.88	21.96	22.29	28.15	29.74	34.41	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	6.26	19.27	19.09	19.10	18.59	25.04	29.74	31.30	36.00
5795MHz	Pass	6.26	20.50	20.09	20.41	20.04	26.29	29.74	32.55	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	6.26	16.39	15.88	16.14	16.00	22.13	29.74	28.39	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	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.92	0.15560	28.15	0.65313
802.11ax HEW20_Nss1,(MCS0)_2TX	21.58	0.14388	27.81	0.60395
802.11ax HEW40_Nss1,(MCS0)_2TX	21.08	0.12823	27.31	0.53827
802.11ax HEW80_Nss1,(MCS0)_2TX	17.40	0.05495	23.63	0.23067
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.83	0.38282	32.06	1.60694
802.11ax HEW20_Nss1,(MCS0)_2TX	25.92	0.39084	32.15	1.64059
802.11ax HEW40_Nss1,(MCS0)_2TX	25.26	0.33574	31.49	1.40929
802.11ax HEW80_Nss1,(MCS0)_2TX	21.11	0.12912	27.34	0.54200



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	16.14	15.82	18.99	23.75	25.22	30.00
5200MHz	Pass	6.23	18.63	19.17	21.92	23.75	28.15	30.00
5240MHz	Pass	6.23	16.97	18.72	20.94	23.75	27.17	30.00
5745MHz	Pass	6.23	22.65	22.68	25.68	29.77	31.91	36.00
5785MHz	Pass	6.23	22.67	22.79	25.74	29.77	31.97	36.00
5825MHz	Pass	6.23	22.86	22.78	25.83	29.77	32.06	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	15.72	16.22	18.99	23.75	25.22	30.00
5200MHz	Pass	6.23	18.45	18.68	21.58	23.75	27.81	30.00
5240MHz	Pass	6.23	18.39	18.62	21.52	23.75	27.75	30.00
5745MHz	Pass	6.23	22.33	22.44	25.40	29.77	31.63	36.00
5785MHz	Pass	6.23	22.82	23	25.92	29.77	32.15	36.00
5825MHz	Pass	6.23	22.72	22.7	25.72	29.77	31.95	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	14.8	14.97	17.90	23.75	24.13	30.00
5230MHz	Pass	6.23	17.9	18.23	21.08	23.75	27.31	30.00
5755MHz	Pass	6.23	19.73	20.1	22.93	29.77	29.16	36.00
5795MHz	Pass	6.23	22.16	22.34	25.26	29.77	31.49	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	14.16	14.6	17.40	23.75	23.63	30.00
5775MHz	Pass	6.23	17.84	18.35	21.11	29.77	27.34	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	24.82	0.30339	31.47	1.40281
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.25	0.26607	30.90	1.23027
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.25	0.10593	26.90	0.48978
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.16	0.52000	32.32	1.70608
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.82	0.38194	30.98	1.25314
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.82	0.15205	26.98	0.49888

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	6.65	16.00	16.53	16.18	16.19	22.25	29.35	28.90	36.00
5200MHz	Pass	6.65	18.55	19.02	18.62	18.97	24.82	29.35	31.47	36.00
5240MHz	Pass	6.65	18.39	18.75	17.74	18.34	24.34	29.35	30.99	36.00
5745MHz	Pass	5.16	21.39	21.50	20.62	20.98	27.16	30.00	32.32	36.00
5785MHz	Pass	5.16	20.82	20.48	19.59	19.88	26.24	30.00	31.40	36.00
5825MHz	Pass	5.16	18.49	18.17	17.84	17.99	24.15	30.00	29.31	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.65	15.13	15.57	15.18	15.47	21.36	29.35	28.01	36.00
5230MHz	Pass	6.65	18.06	18.59	17.86	18.38	24.25	29.35	30.90	36.00
5755MHz	Pass	5.16	19.02	18.78	18.71	18.19	24.71	30.00	29.87	36.00
5795MHz	Pass	5.16	20.18	19.87	19.76	19.36	25.82	30.00	30.98	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.65	14.15	14.35	14.13	14.27	20.25	29.35	26.90	36.00
5775MHz	Pass	5.16	16.06	15.77	15.88	15.46	21.82	30.00	26.98	36.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.06	0.50816	34.62	2.89734
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.99	0.31550	32.55	1.79887
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.83	0.12106	28.39	0.69024



Average Power_Beamforming_Radio3

Appendix C.5

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	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	7.56	20.46	20.01	19.92	19.59	26.03	28.44	33.59	36.00
5785MHz	Pass	7.56	21.26	20.92	20.82	21.16	27.06	28.44	34.62	36.00
5825MHz	Pass	7.56	21.06	20.58	20.66	20.99	26.85	28.44	34.41	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	7.56	17.97	17.79	17.80	17.29	23.74	28.44	31.30	36.00
5795MHz	Pass	7.56	19.20	18.79	19.11	18.74	24.99	28.44	32.55	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	7.56	15.09	14.58	14.84	14.70	20.83	28.44	28.39	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	12.56	19.21
802.11ax HEW20_Nss1,(MCS0)_4TX	10.59	17.24
802.11ax HEW40_Nss1,(MCS0)_4TX	7.03	13.68
802.11ax HEW80_Nss1,(MCS0)_4TX	0.43	7.08
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.30	17.46
802.11ax HEW20_Nss1,(MCS0)_4TX	10.94	16.10
802.11ax HEW40_Nss1,(MCS0)_4TX	6.77	11.93
802.11ax HEW80_Nss1,(MCS0)_4TX	0.09	5.25

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	6.65	2.48	2.91	2.72	2.67	8.51	16.35	15.16	23.00
5200MHz	Pass	6.65	6.65	6.60	6.63	6.86	12.56	16.35	19.21	23.00
5240MHz	Pass	6.65	4.50	4.92	4.21	4.48	10.51	16.35	17.16	23.00
5745MHz	Pass	5.16	6.18	6.43	6.55	6.40	12.30	30.00	17.46	36.00
5785MHz	Pass	5.16	5.56	4.96	4.80	4.59	10.65	30.00	15.81	36.00
5825MHz	Pass	5.16	3.10	3.24	2.67	3.01	8.56	30.00	13.72	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.65	1.96	2.41	2.45	2.12	8.10	16.35	14.75	23.00
5200MHz	Pass	6.65	4.35	4.80	4.67	4.82	10.59	16.35	17.24	23.00
5240MHz	Pass	6.65	4.22	4.60	4.23	4.36	10.19	16.35	16.84	23.00
5745MHz	Pass	5.16	5.51	5.23	4.80	4.97	10.94	30.00	16.10	36.00
5785MHz	Pass	5.16	4.92	4.35	4.22	3.97	10.13	30.00	15.29	36.00
5825MHz	Pass	5.16	2.69	2.87	2.28	2.20	8.12	30.00	13.28	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.65	-1.84	-1.53	-1.61	-1.45	4.27	16.35	10.92	23.00
5230MHz	Pass	6.65	1.01	1.81	1.03	1.40	7.03	16.35	13.68	23.00
5755MHz	Pass	5.16	0.24	0.50	0.39	-0.37	5.69	30.00	10.85	36.00
5795MHz	Pass	5.16	1.39	1.20	1.49	0.65	6.77	30.00	11.93	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.65	-5.65	-5.48	-5.46	-5.51	0.43	16.35	7.08	23.00
5775MHz	Pass	5.16	-5.41	-5.12	-5.14	-5.99	0.09	30.00	5.25	36.00

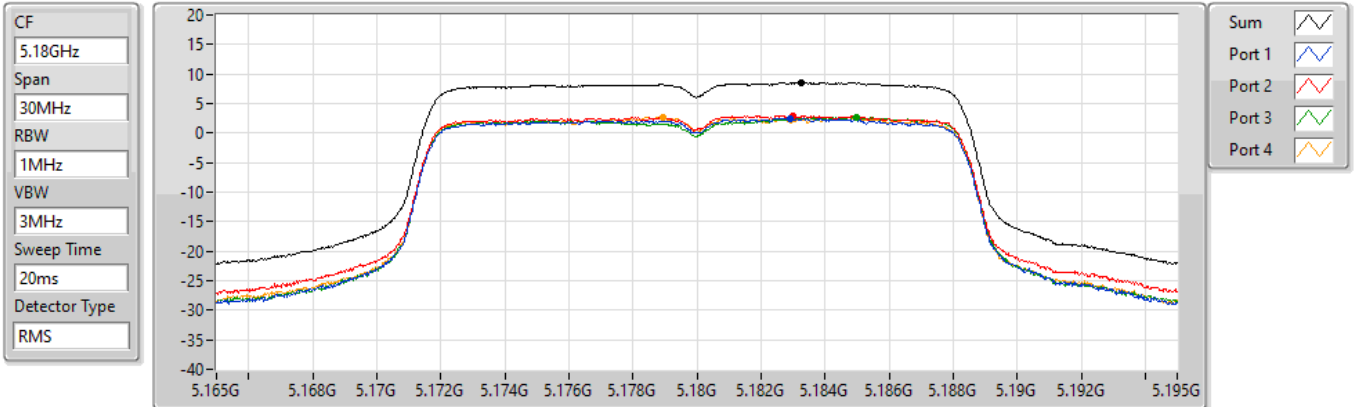
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

12/11/2021



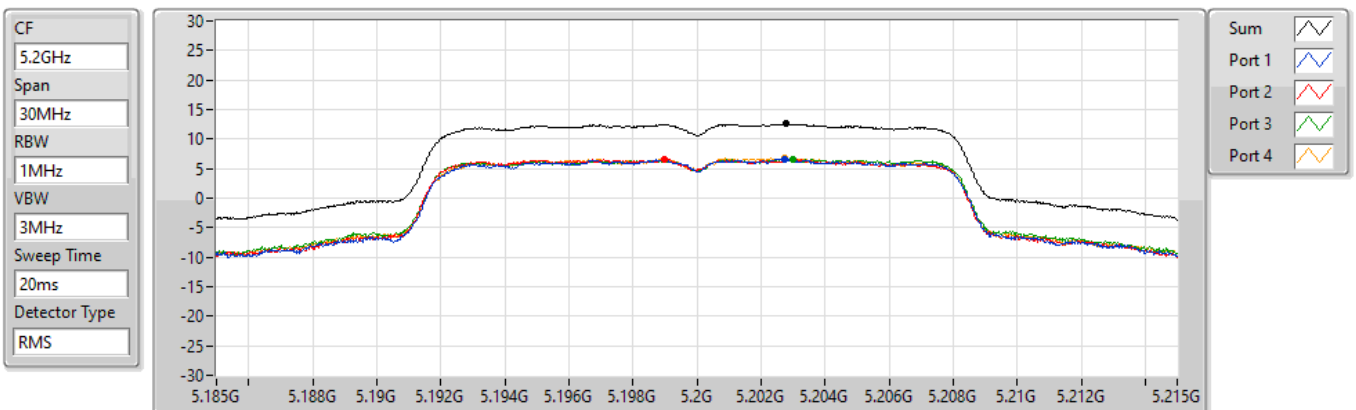
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	2.48	2.91	2.72	2.67

802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

12/11/2021



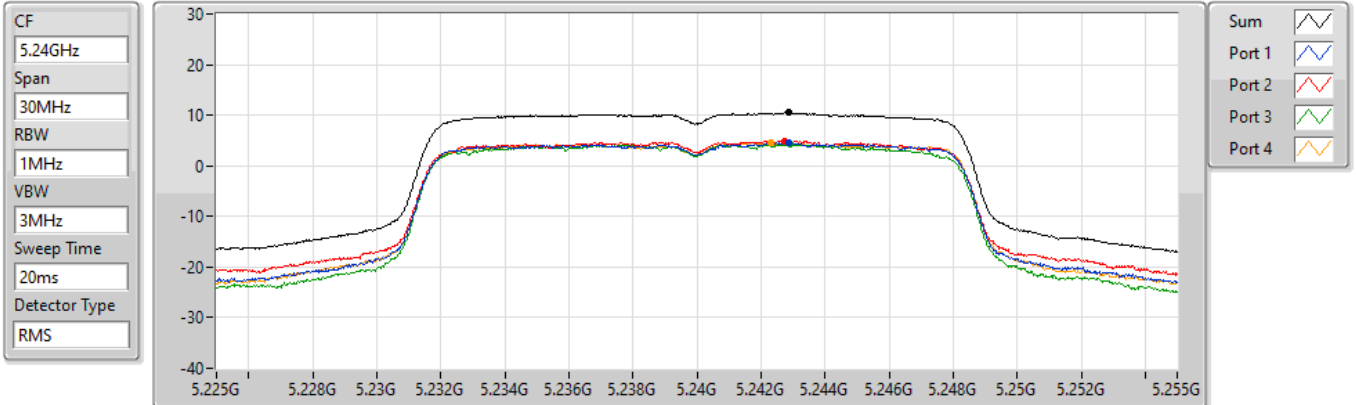
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.56	12.56	6.65	6.60	6.63	6.86

802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

12/11/2021



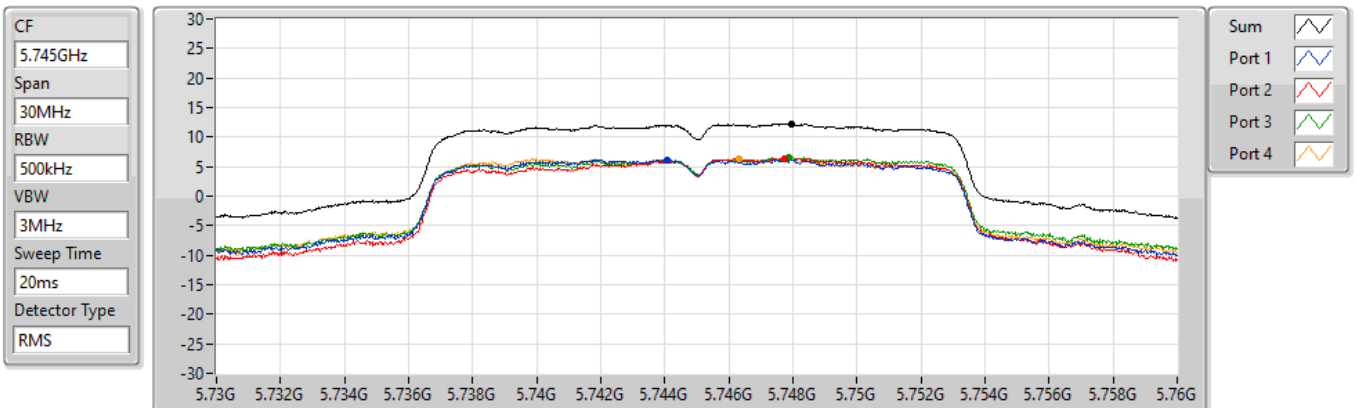
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	4.50	4.92	4.21	4.48

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

12/11/2021



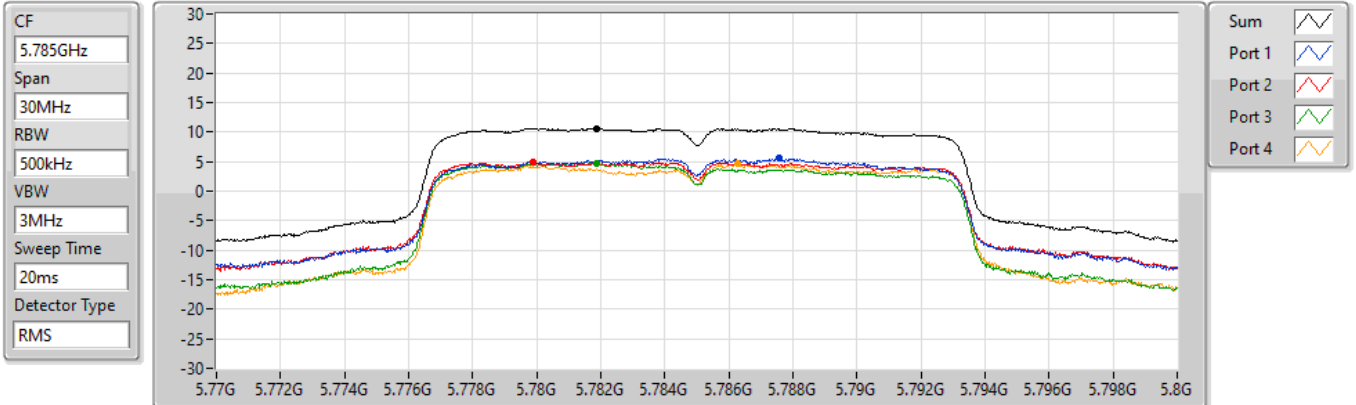
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.30	12.30	6.18	6.43	6.55	6.40

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

12/11/2021

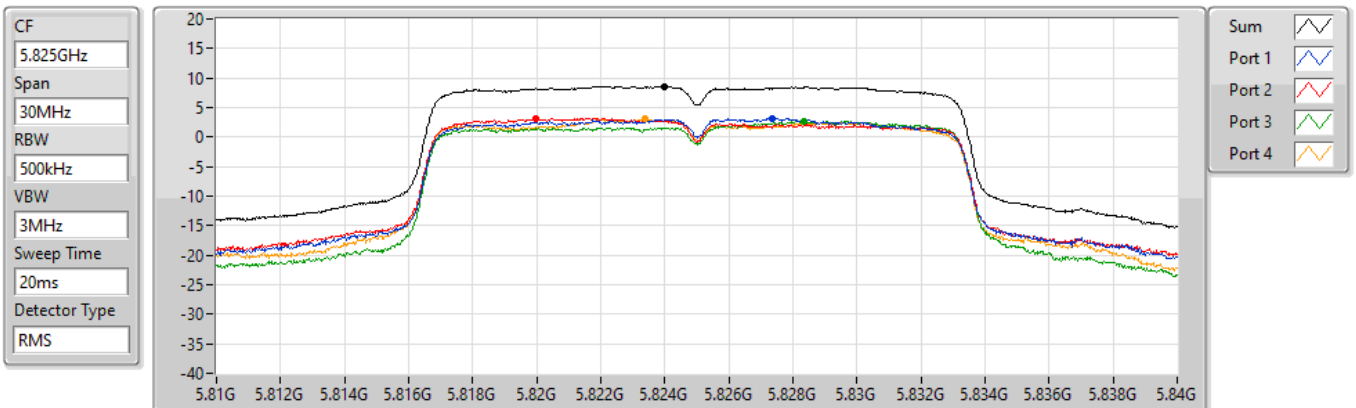


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

12/11/2021

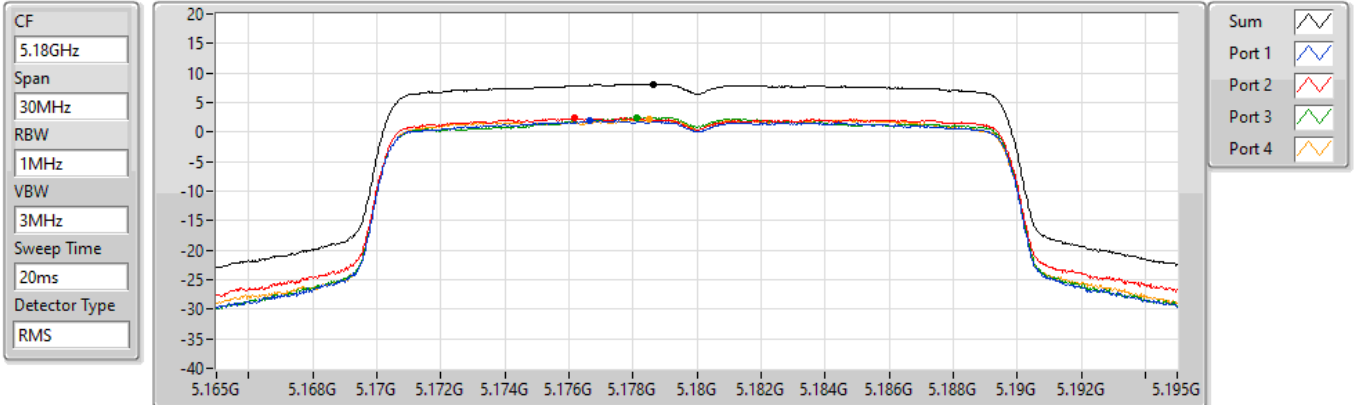


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

12/11/2021



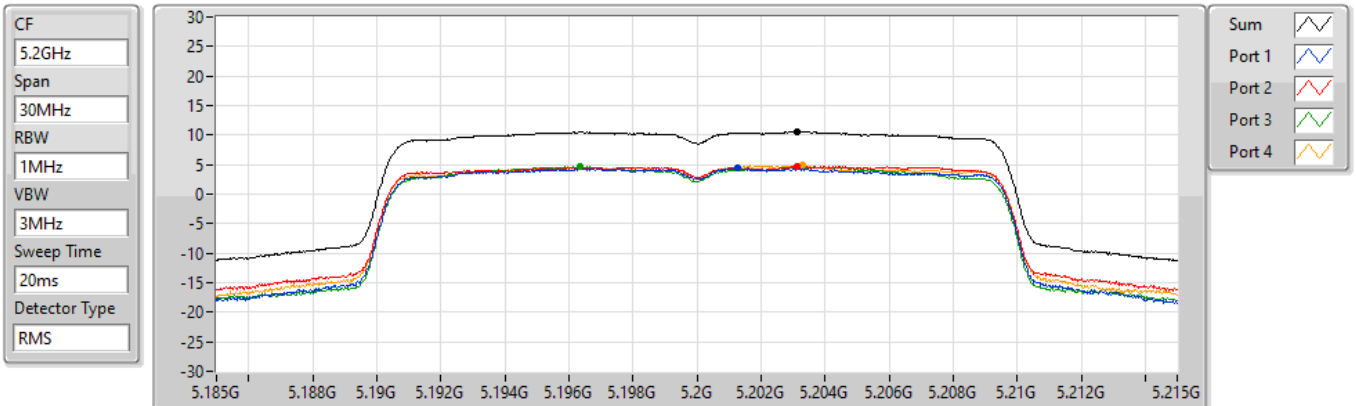
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	1.96	2.41	2.45	2.12

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

12/11/2021



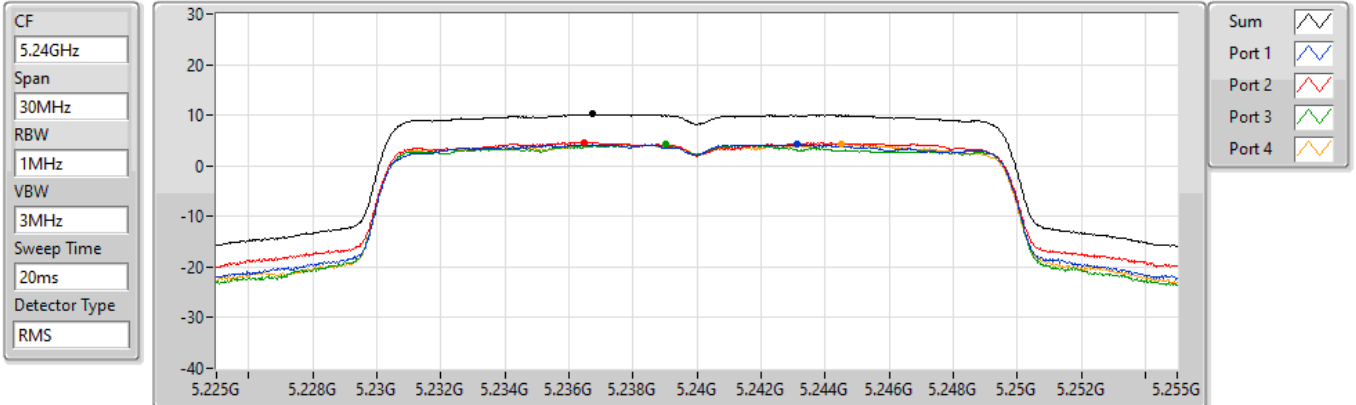
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	4.35	4.80	4.67	4.82

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

12/11/2021



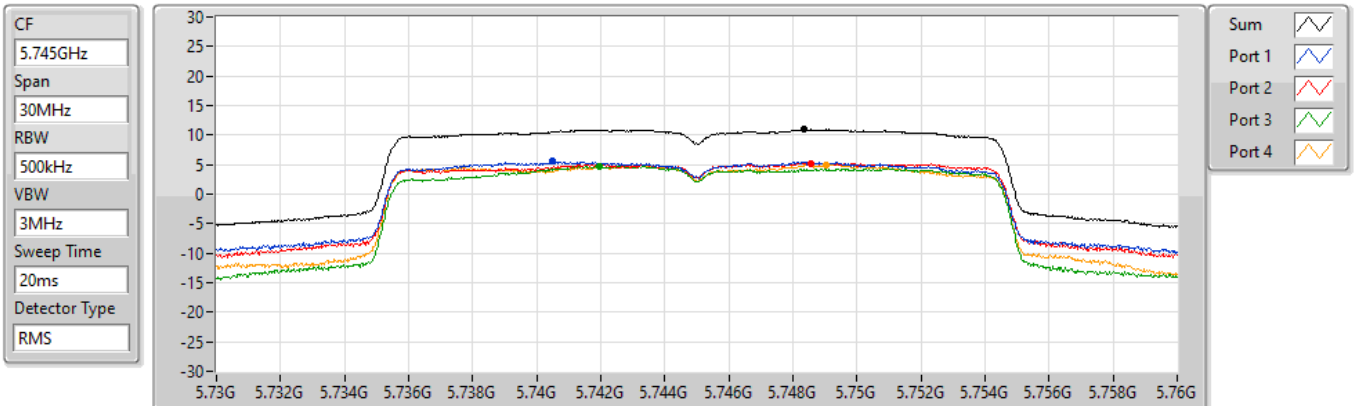
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	4.22	4.60	4.23	4.36

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

12/11/2021



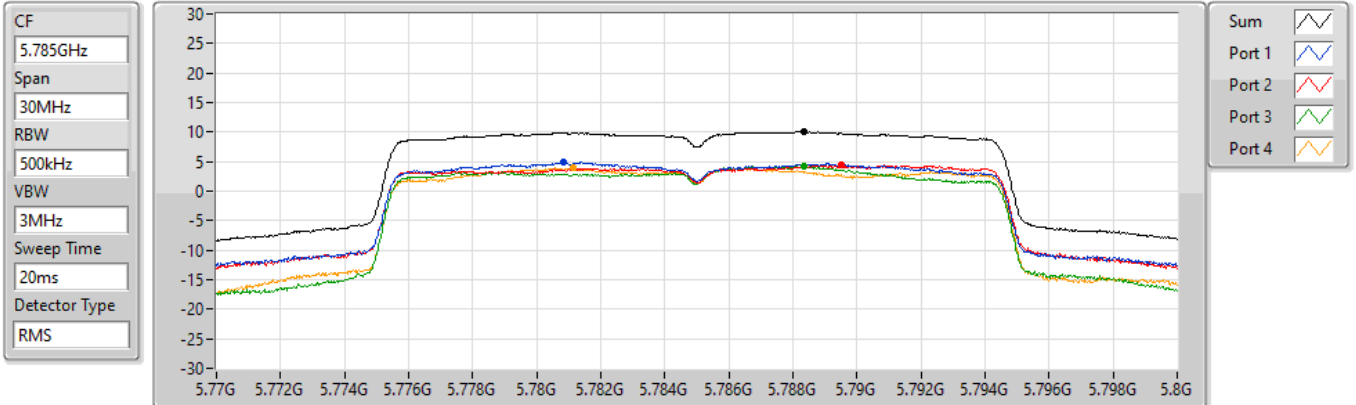
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	5.51	5.23	4.80	4.97

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

12/11/2021



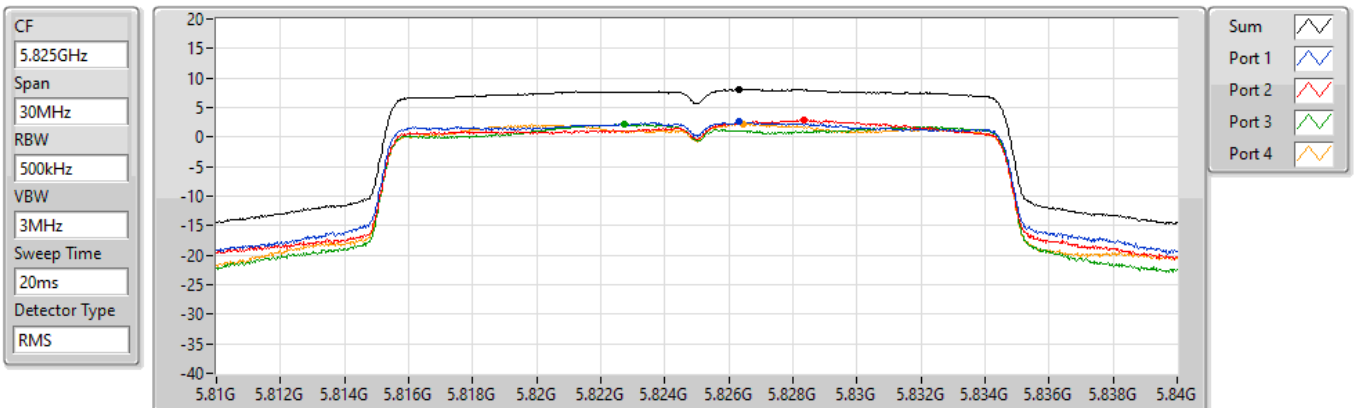
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	4.92	4.35	4.22	3.97

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

12/11/2021



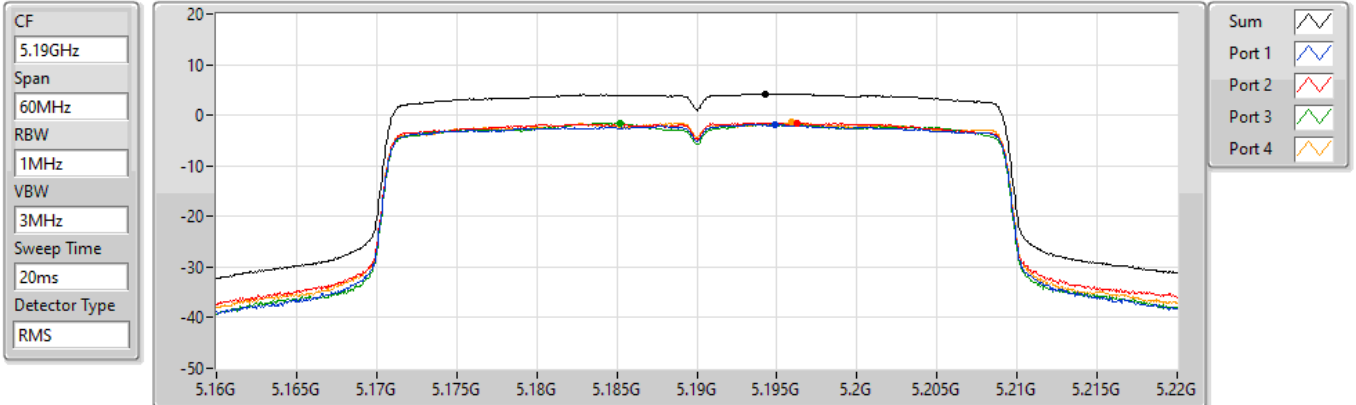
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	2.69	2.87	2.28	2.20

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

12/11/2021

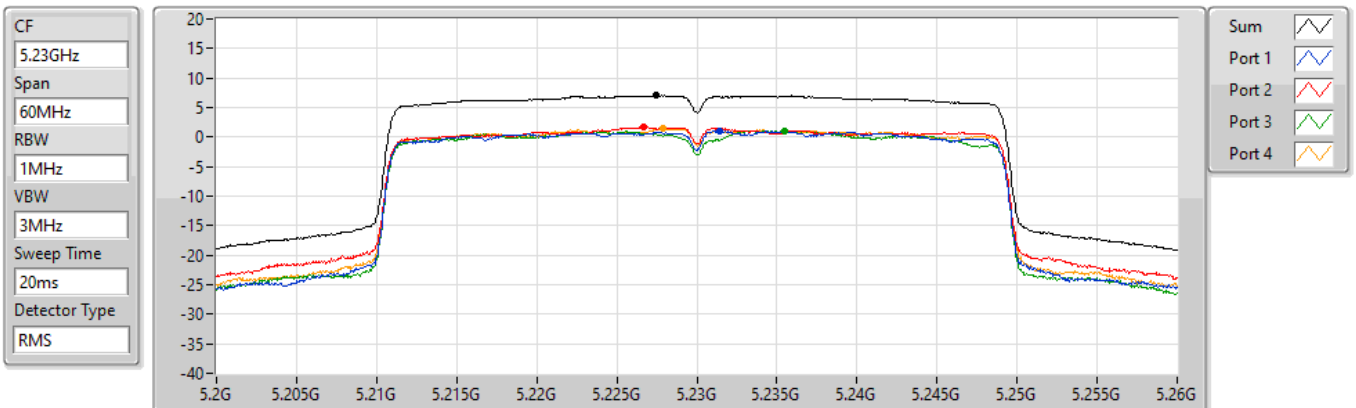


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

12/11/2021

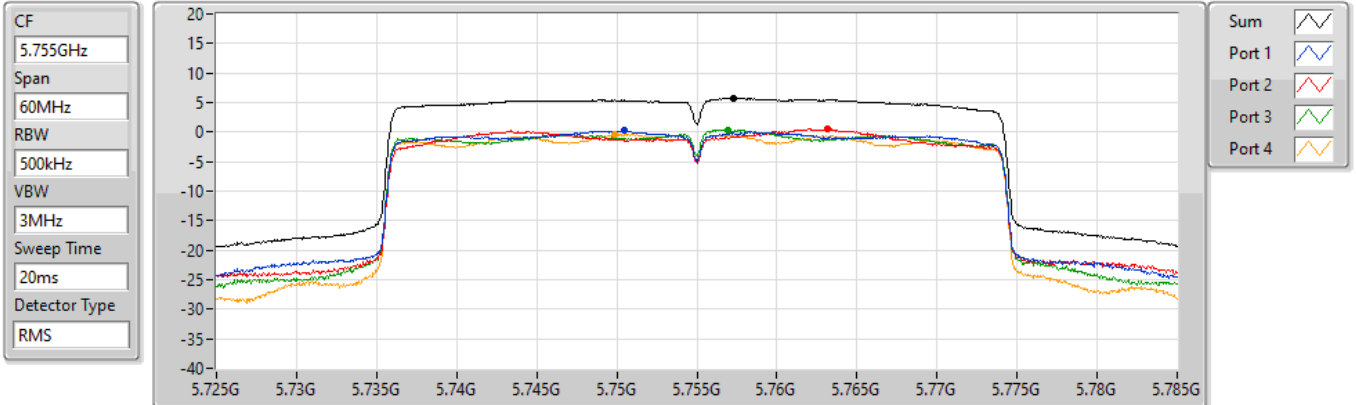


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

12/11/2021

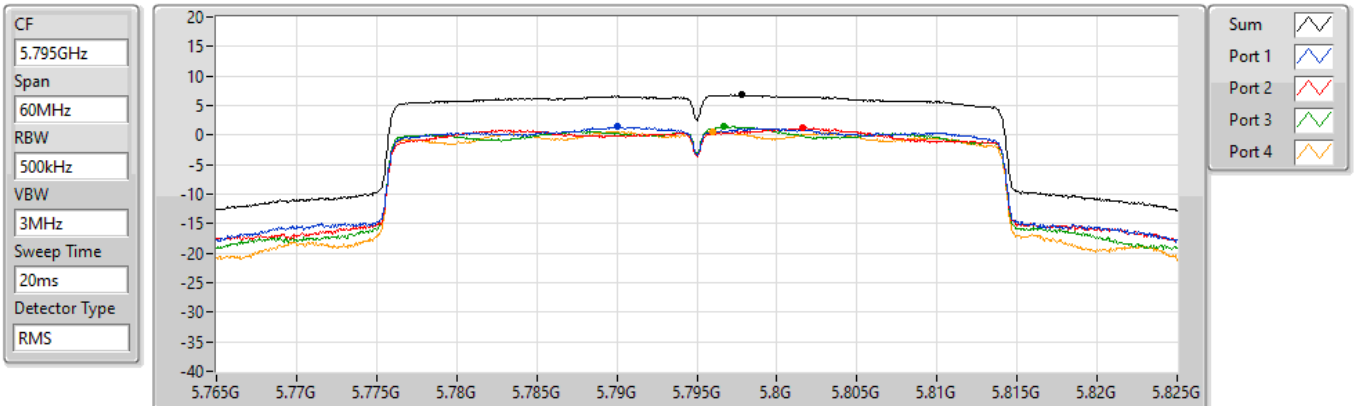


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

12/11/2021

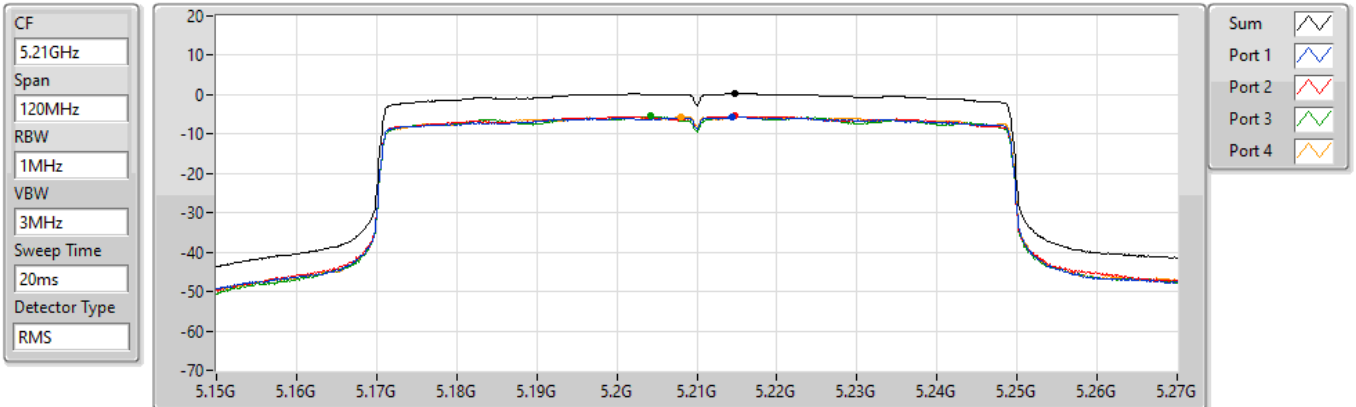


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

12/11/2021

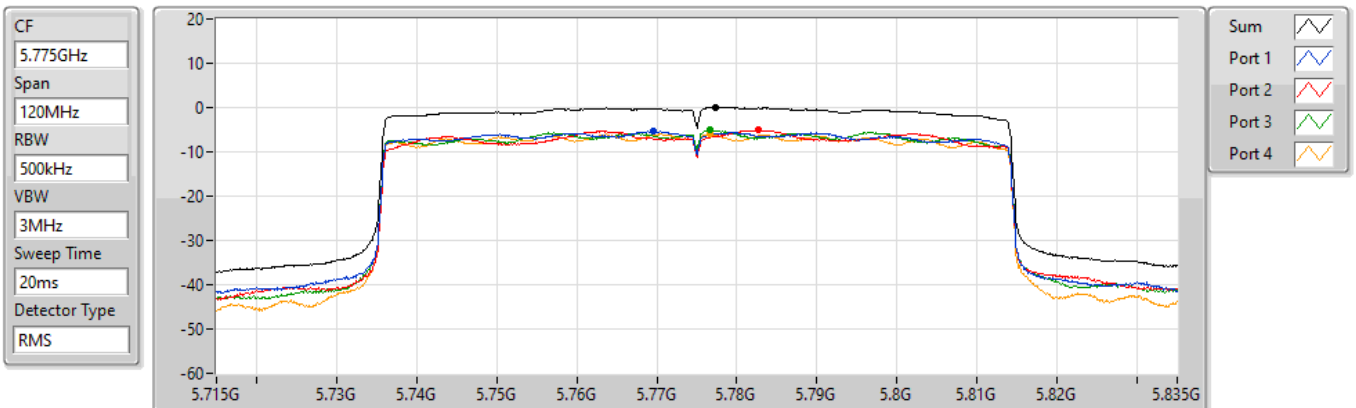


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

12/11/2021





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.69	21.25
802.11ax HEW20_Nss1,(MCS0)_4TX	13.50	21.06
802.11ax HEW40_Nss1,(MCS0)_4TX	8.64	16.20
802.11ax HEW80_Nss1,(MCS0)_4TX	1.29	8.85

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	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	7.56	7.42	6.96	6.96	6.82	12.98	28.44	20.54	36.00
5785MHz	Pass	7.56	8.09	7.62	7.63	7.86	13.69	28.44	21.25	36.00
5825MHz	Pass	7.56	7.79	7.32	7.47	7.74	13.49	28.44	21.05	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	7.56	7.29	7.03	6.67	6.38	12.81	28.44	20.37	36.00
5785MHz	Pass	7.56	7.76	7.60	7.31	7.55	13.50	28.44	21.06	36.00
5825MHz	Pass	7.56	7.54	7.22	7.03	7.50	13.26	28.44	20.82	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	7.56	1.91	1.64	1.83	1.13	7.58	28.44	15.14	36.00
5795MHz	Pass	7.56	2.88	2.56	3.08	2.51	8.64	28.44	16.20	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	7.56	-4.32	-4.60	-4.50	-4.77	1.29	28.44	8.85	36.00

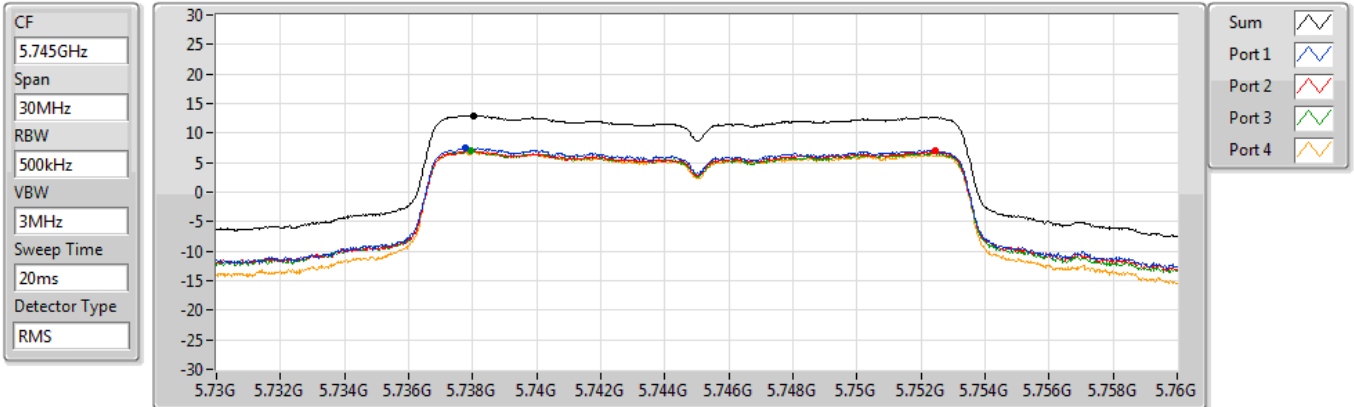
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

08/10/2021

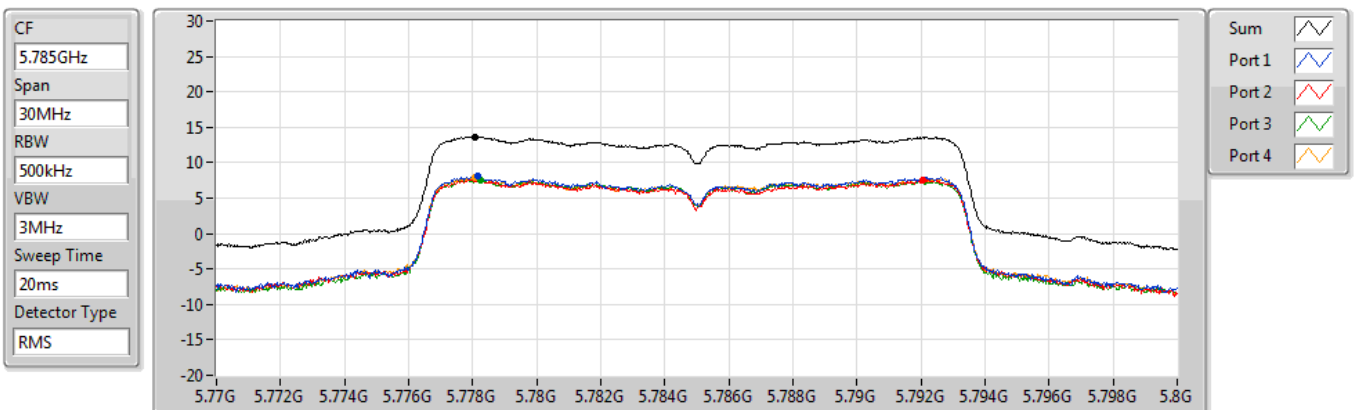


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

08/10/2021

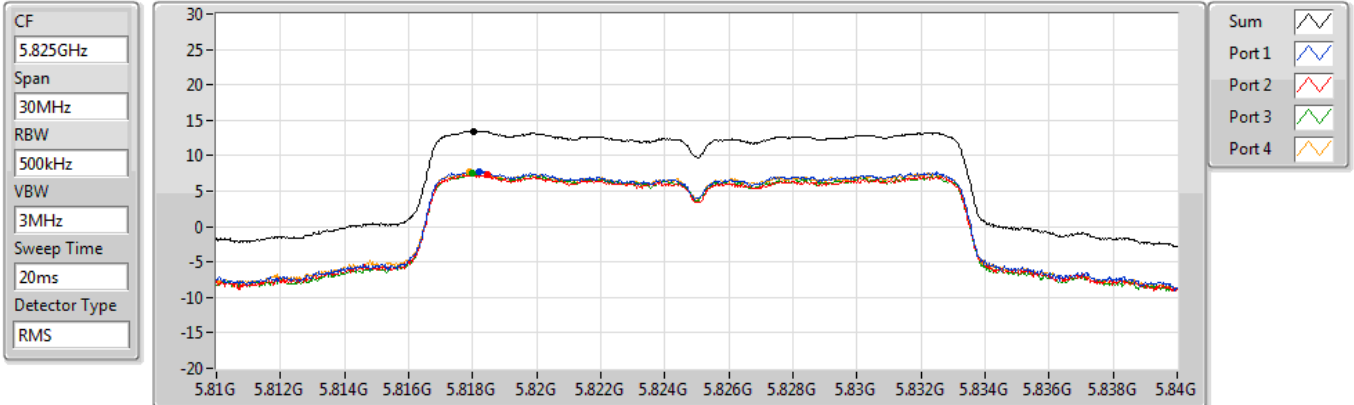


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

08/10/2021



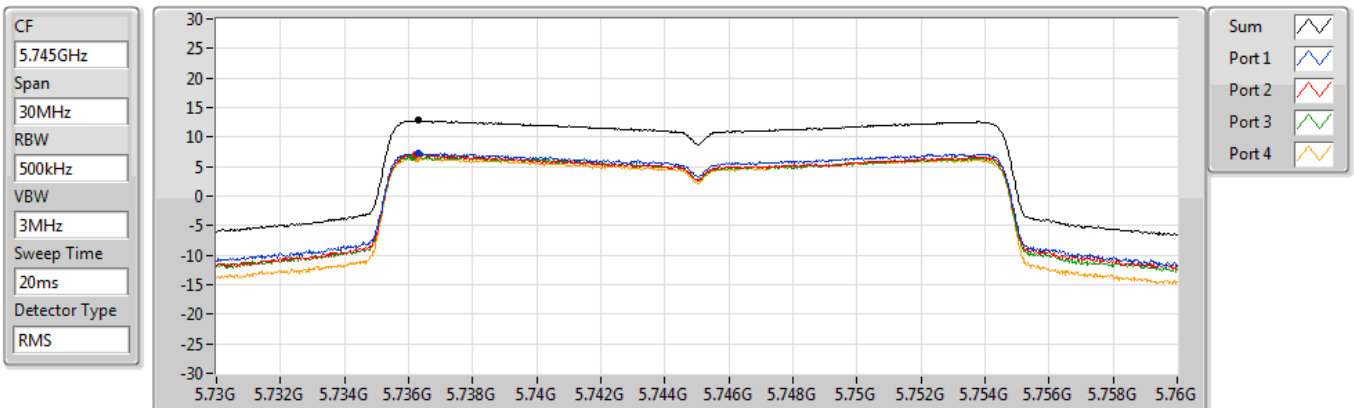
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.49	13.49	7.79	7.32	7.47	7.74

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

08/10/2021



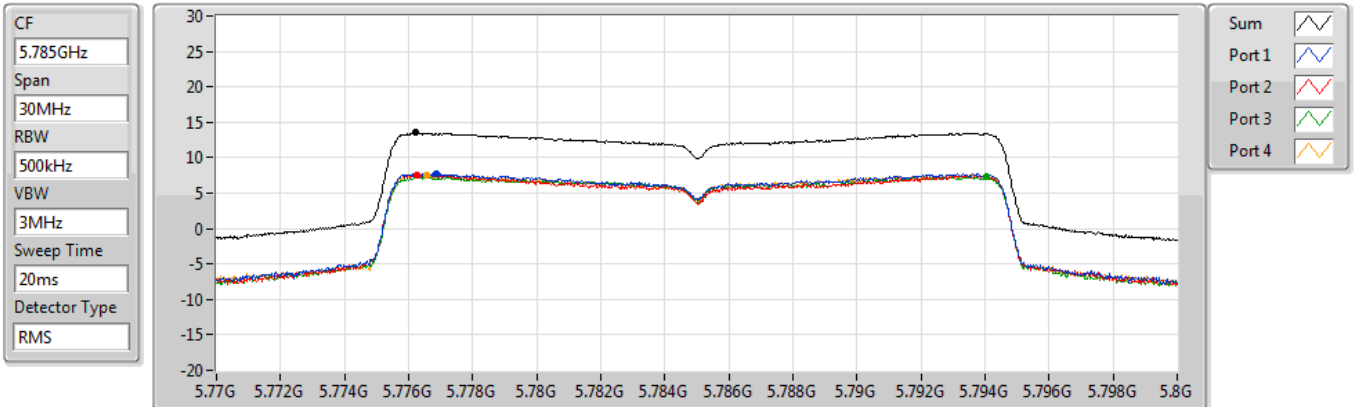
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.81	12.81	7.29	7.03	6.67	6.38

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

08/10/2021

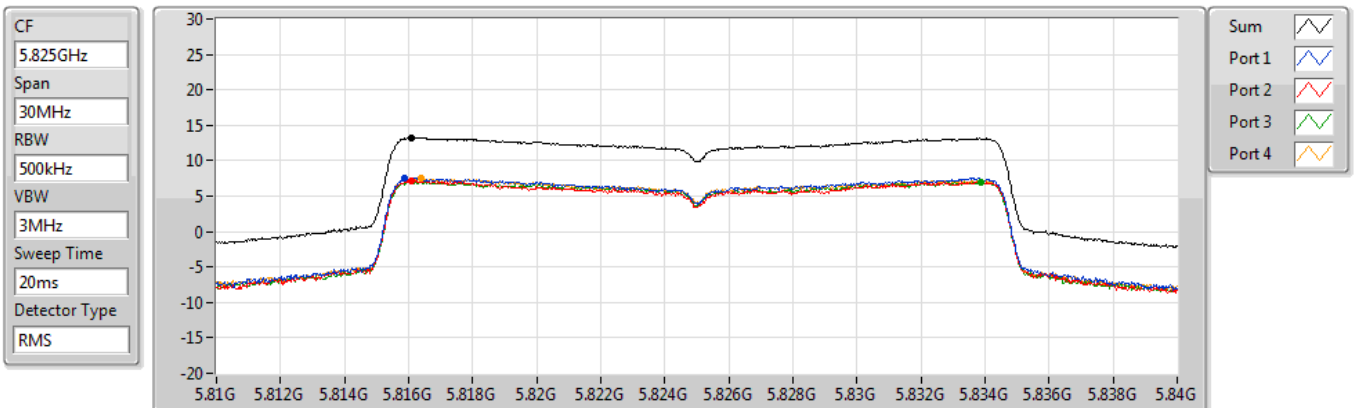


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

08/10/2021

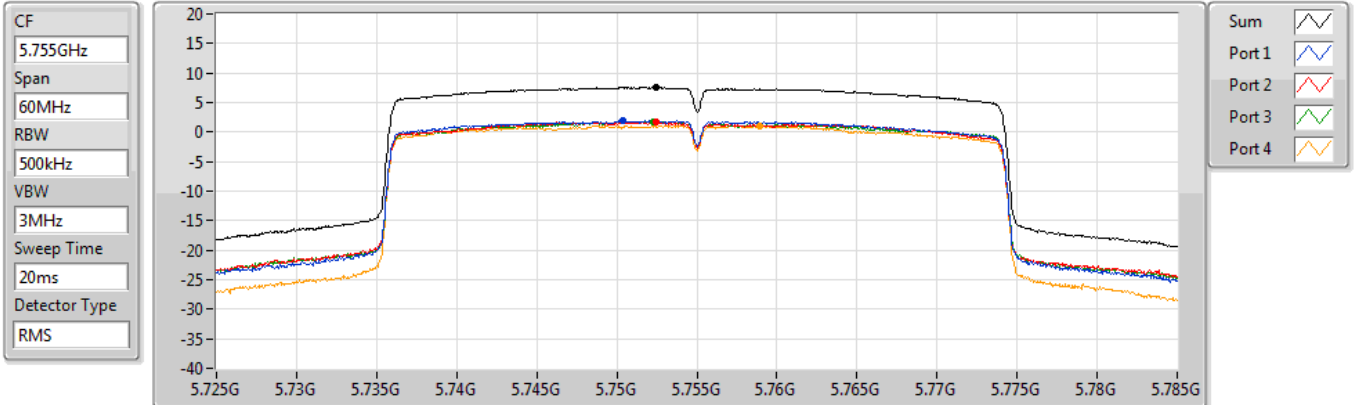


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

08/10/2021

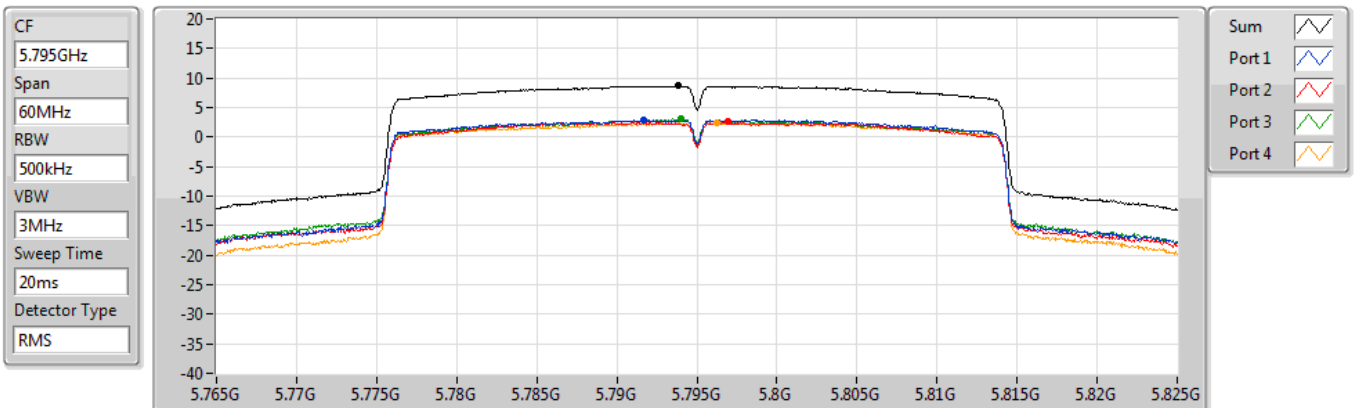


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

08/10/2021

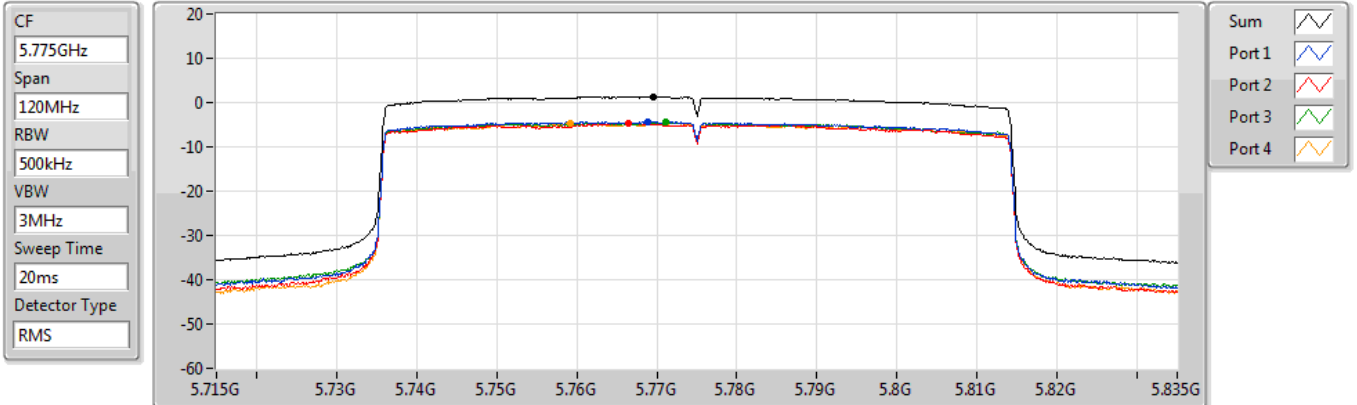


802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz

PSD

08/10/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.29	1.29	-4.32	-4.60	-4.50	-4.77



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.85	16.81
802.11ax HEW20_Nss1,(MCS0)_2TX	7.19	16.15
802.11ax HEW40_Nss1,(MCS0)_2TX	3.76	12.72
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.19	5.77
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.57	20.53
802.11ax HEW20_Nss1,(MCS0)_2TX	11.05	20.01
802.11ax HEW40_Nss1,(MCS0)_2TX	7.42	16.38
802.11ax HEW80_Nss1,(MCS0)_2TX	0.2	9.16

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.96	1.82	2.23	5.01	8.04	13.97	17.00
5200MHz	Pass	8.96	4.68	5.17	7.85	8.04	16.81	17.00
5240MHz	Pass	8.96	4.66	4.84	7.70	8.04	16.66	17.00
5745MHz	Pass	8.96	8.53	8.48	11.45	27.04	20.41	36.00
5785MHz	Pass	8.96	8.42	8.66	11.45	27.04	20.41	36.00
5825MHz	Pass	8.96	8.61	8.61	11.57	27.04	20.53	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.96	1.25	1.63	4.43	8.04	13.39	17.00
5200MHz	Pass	8.96	4.14	4.24	7.19	8.04	16.15	17.00
5240MHz	Pass	8.96	4.14	4.33	7.19	8.04	16.15	17.00
5745MHz	Pass	8.96	7.59	7.66	10.58	27.04	19.54	36.00
5785MHz	Pass	8.96	8.06	8.16	11.05	27.04	20.01	36.00
5825MHz	Pass	8.96	7.93	7.93	10.82	27.04	19.78	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.96	-2.81	-2.47	0.29	8.04	9.25	17.00
5230MHz	Pass	8.96	0.63	0.95	3.76	8.04	12.72	17.00
5755MHz	Pass	8.96	2.08	2.37	5.14	27.04	14.10	36.00
5795MHz	Pass	8.96	4.43	4.57	7.42	27.04	16.38	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.96	-6.41	-5.87	-3.19	8.04	5.77	17.00
5775MHz	Pass	8.96	-2.9	-2.54	0.20	27.04	9.16	36.00

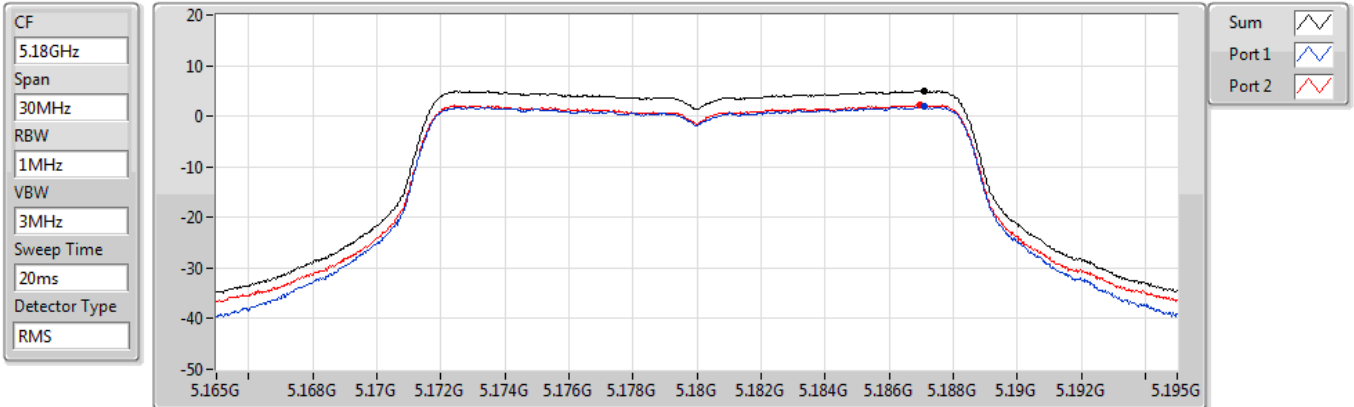
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

08/10/2021

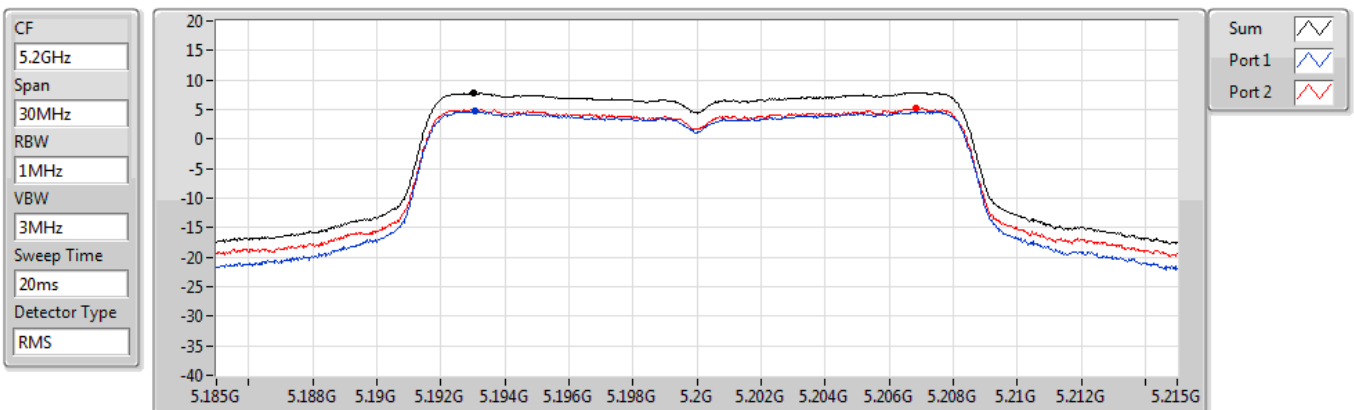


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

08/10/2021

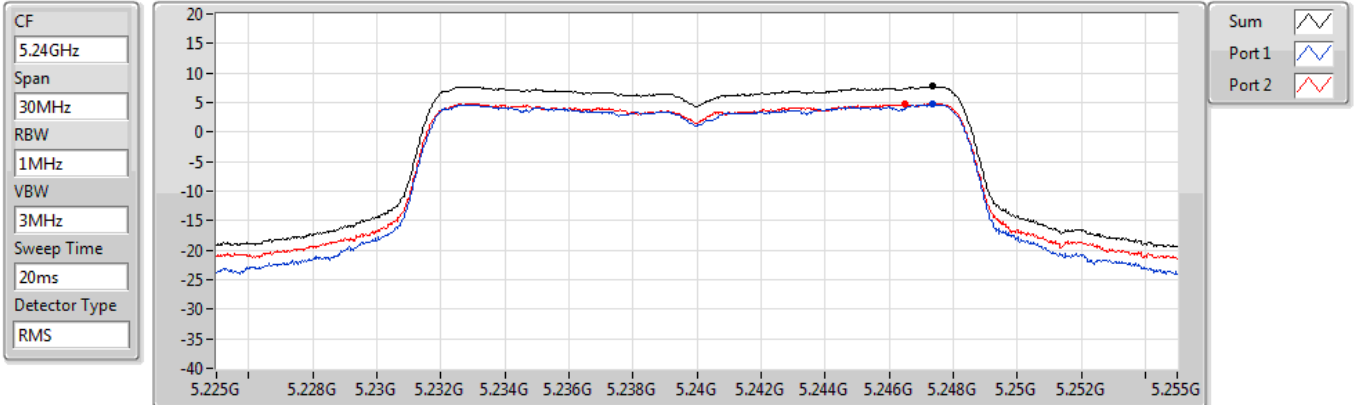


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

08/10/2021

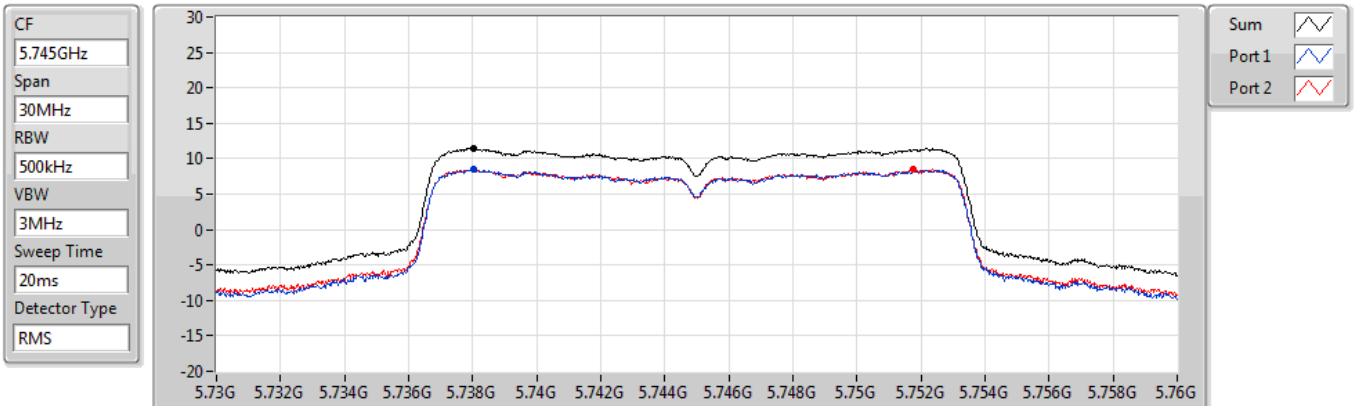


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

08/10/2021

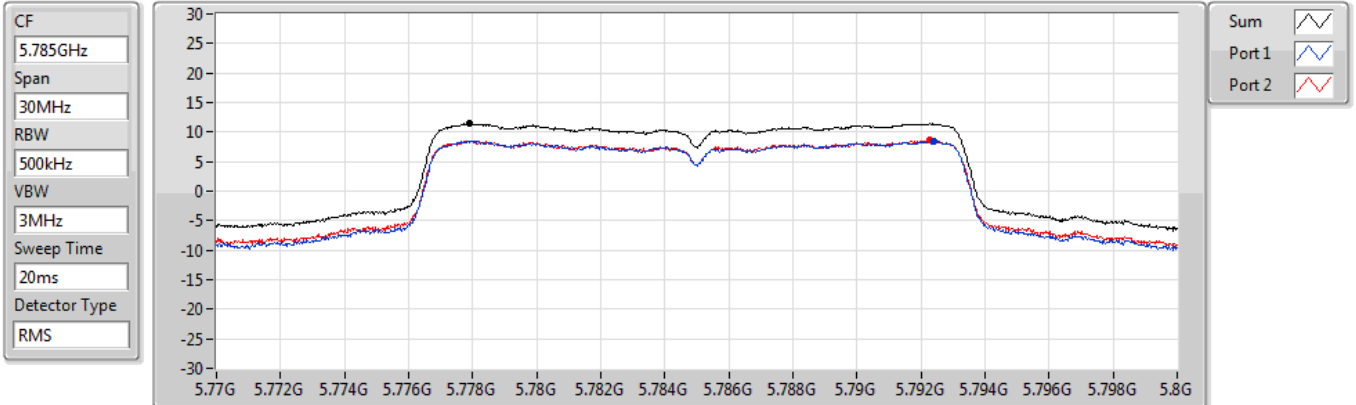


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

08/10/2021

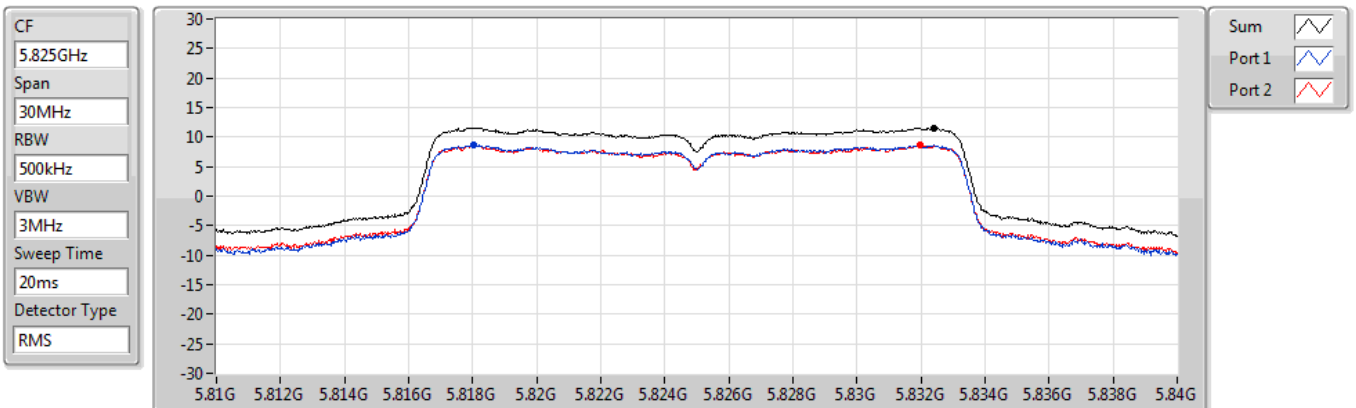


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

08/10/2021

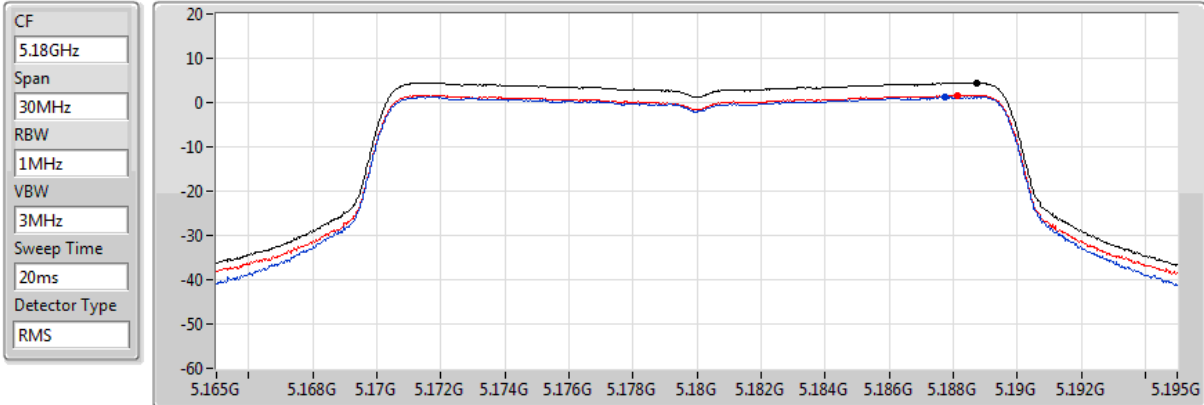


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

09/10/2021

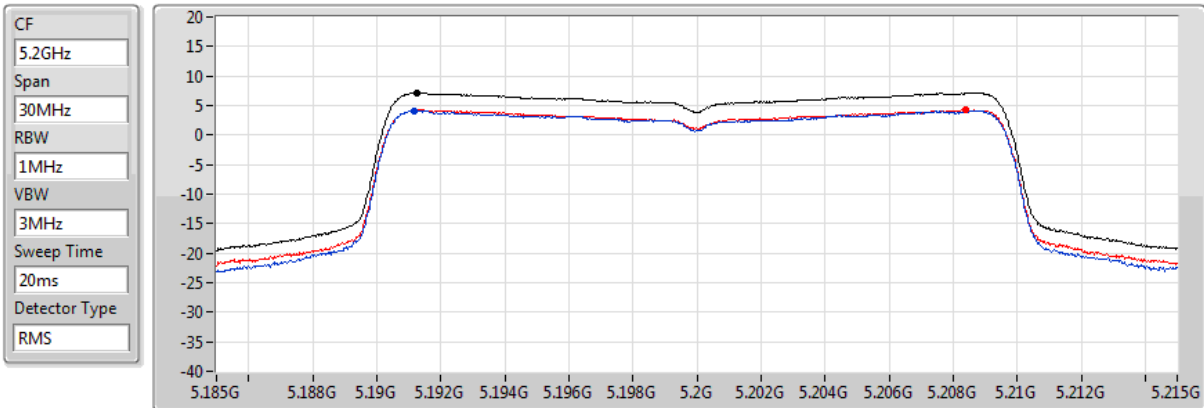


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

09/10/2021

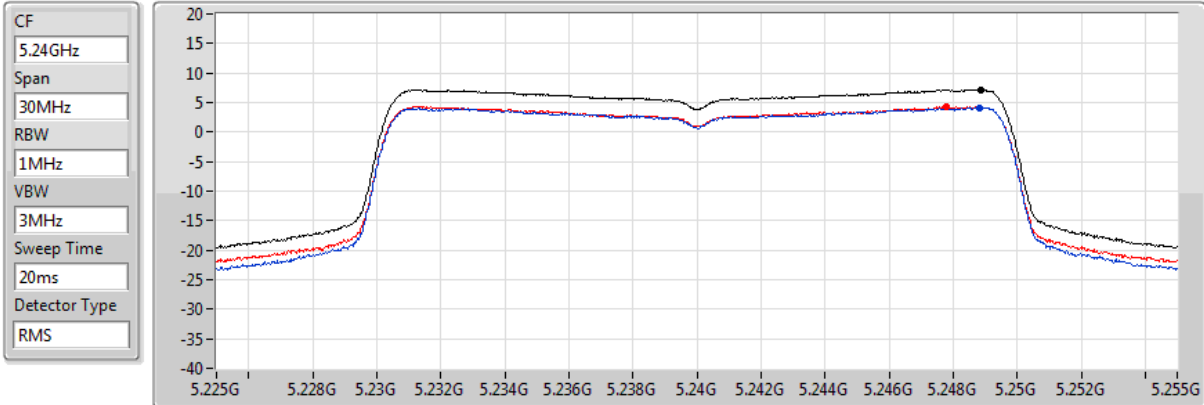


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

09/10/2021

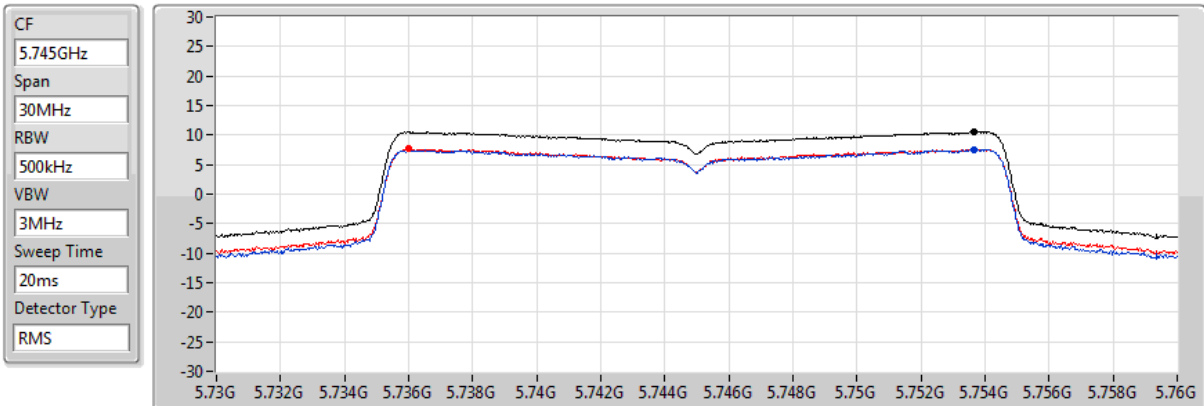


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

09/10/2021

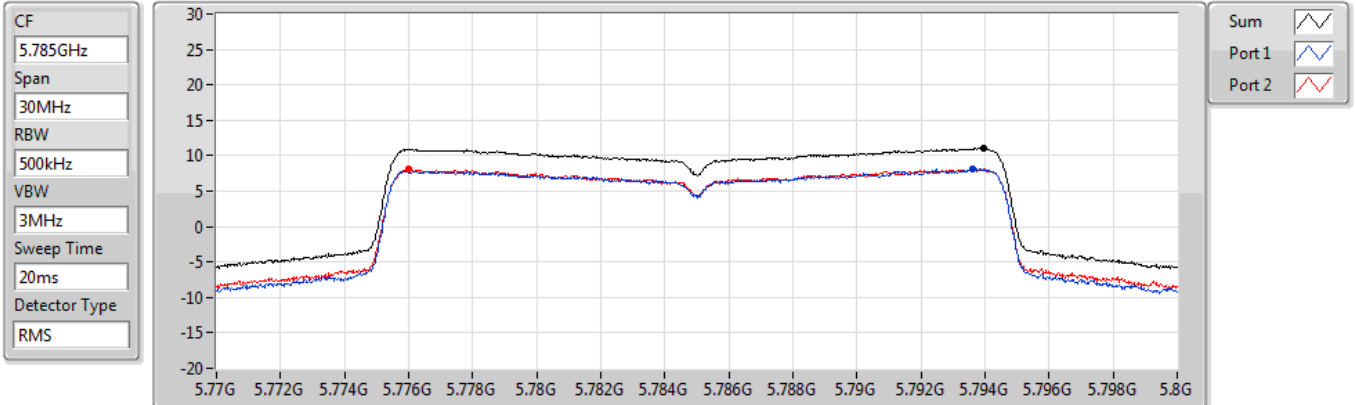


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

09/10/2021

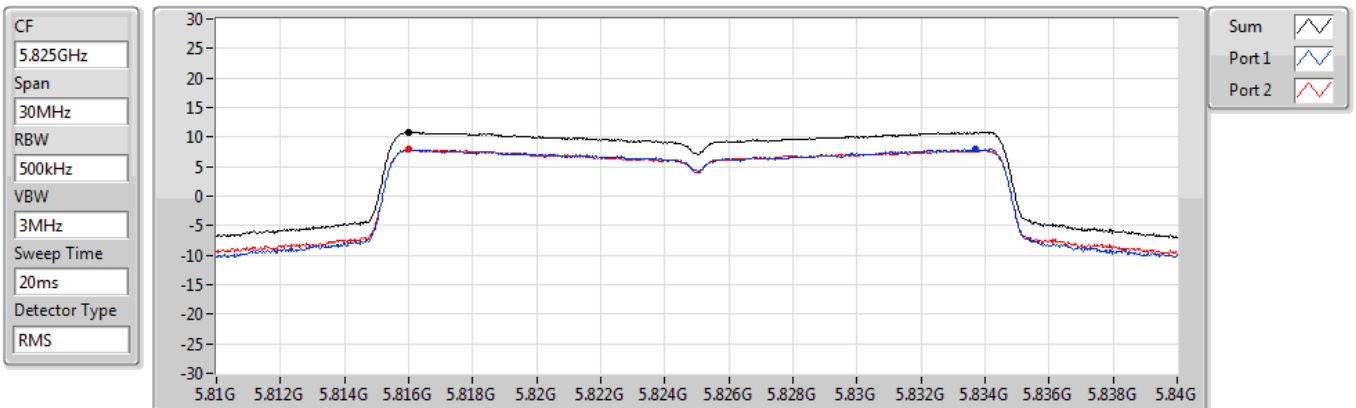


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/10/2021



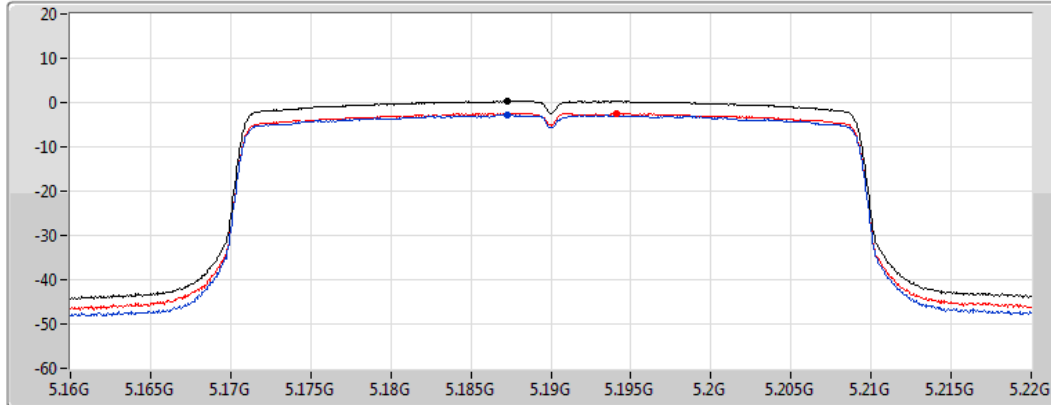
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

09/10/2021

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	-2.81	-2.47

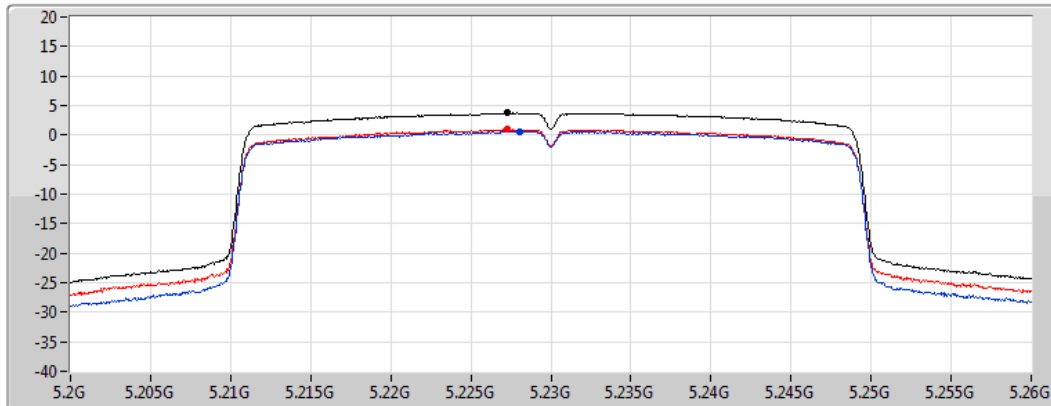
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

09/10/2021

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

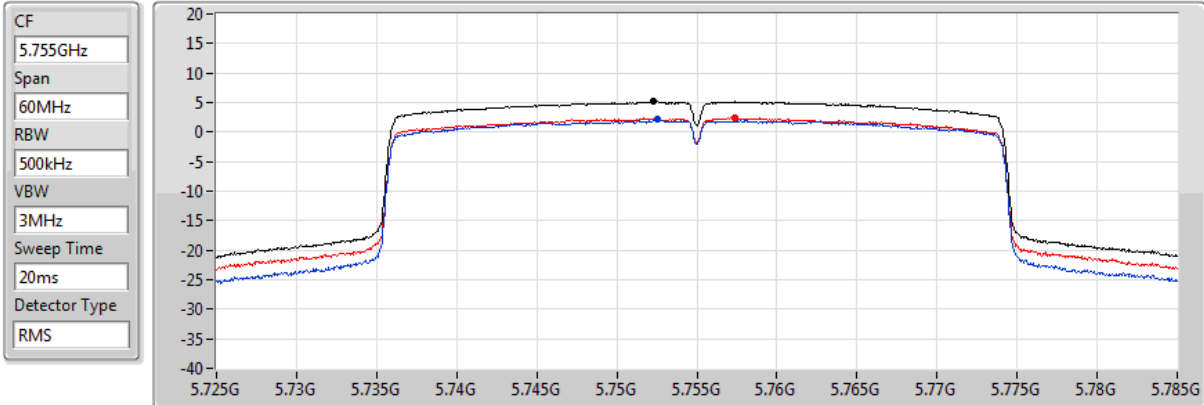
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.76	3.76	0.63	0.95

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

09/10/2021



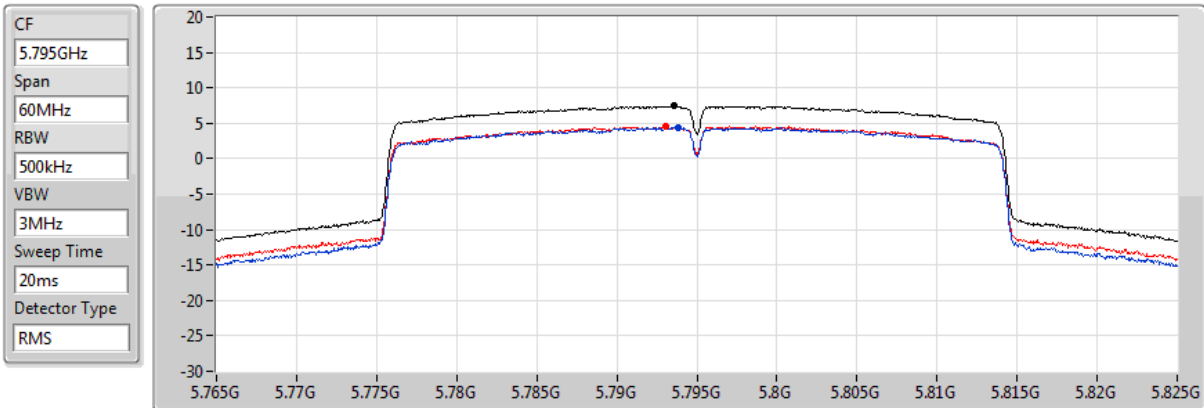
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.14	5.14	2.08	2.37

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

09/10/2021



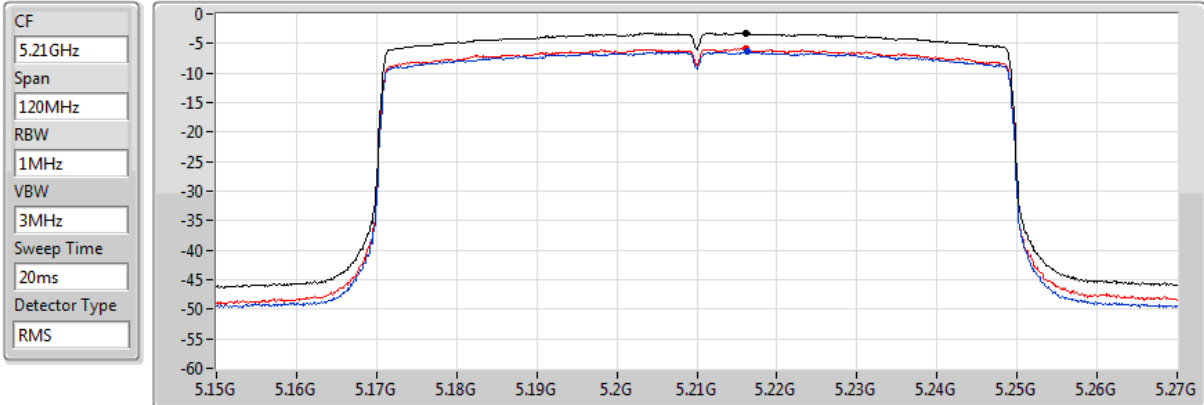
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	4.43	4.57

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

09/10/2021

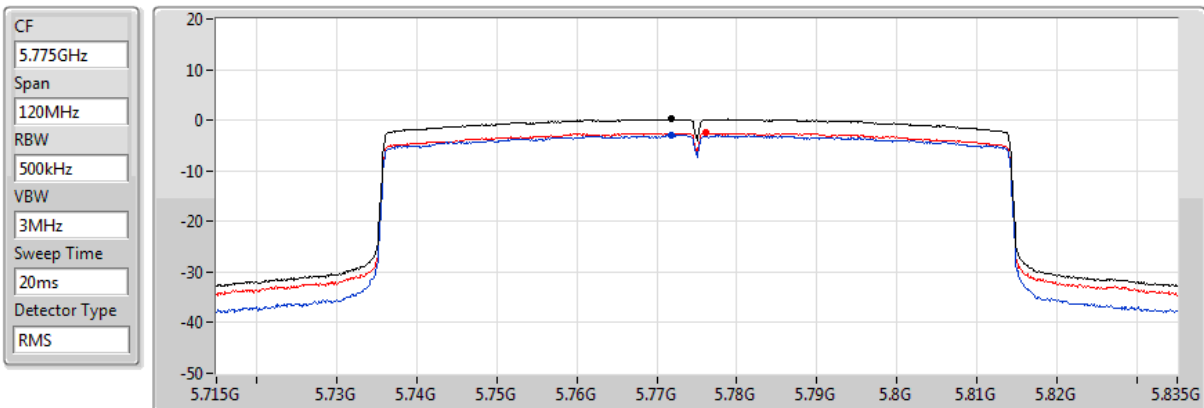


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/10/2021





Summary

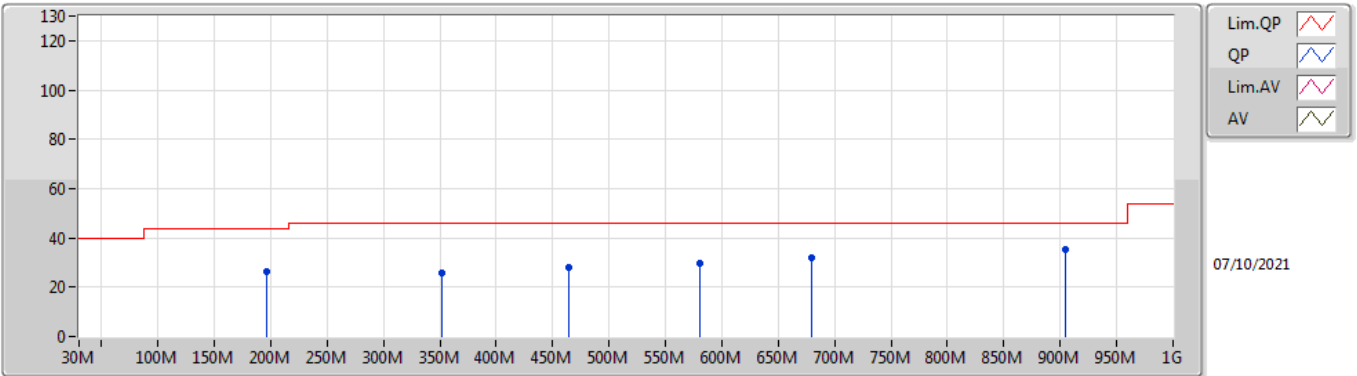
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	43.58M	34.73	40.00	-5.27	3	Horizontal	0	1.00	-

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	196.84M	26.20	43.50	-17.30	3	Vertical	360	1.00	-
5775MHz	Pass	PK	352.04M	25.59	46.00	-20.41	3	Vertical	360	1.00	-
5775MHz	Pass	PK	464.56M	27.82	46.00	-18.18	3	Vertical	360	1.00	-
5775MHz	Pass	PK	580.96M	29.50	46.00	-16.50	3	Vertical	360	1.00	-
5775MHz	Pass	PK	679.9M	32.06	46.00	-13.94	3	Vertical	360	1.00	-
5775MHz	Pass	PK	904.94M	35.47	46.00	-10.53	3	Vertical	360	1.00	-
5775MHz	Pass	PK	43.58M	34.73	40.00	-5.27	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	119.24M	26.25	43.50	-17.25	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	194.9M	24.44	43.50	-19.06	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	305.48M	24.93	46.00	-21.07	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	414.12M	27.97	46.00	-18.03	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	784.66M	32.45	46.00	-13.55	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	194.9M	26.10	43.50	-17.40	3	Vertical	0	1.00	-
5775MHz	Pass	PK	330.7M	25.81	46.00	-20.19	3	Vertical	0	1.00	-
5775MHz	Pass	PK	478.14M	27.76	46.00	-18.24	3	Vertical	0	1.00	-
5775MHz	Pass	PK	555.74M	30.96	46.00	-15.04	3	Vertical	0	1.00	-
5775MHz	Pass	PK	722.58M	31.06	46.00	-14.94	3	Vertical	0	1.00	-
5775MHz	Pass	PK	897.18M	33.80	46.00	-12.20	3	Vertical	0	1.00	-
5775MHz	Pass	PK	43.58M	33.23	40.00	-6.77	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	196.84M	24.82	43.50	-18.68	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	416.06M	27.82	46.00	-18.18	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	631.4M	30.99	46.00	-15.01	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	842.86M	32.81	46.00	-13.19	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	960M	33.62	46.00	-12.38	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	196.84M	27.38	43.50	-16.12	3	Vertical	360	1.00	-
5775MHz	Pass	PK	414.12M	27.45	46.00	-18.55	3	Vertical	360	1.00	-
5775MHz	Pass	PK	466.5M	28.85	46.00	-17.15	3	Vertical	360	1.00	-
5775MHz	Pass	PK	612M	29.92	46.00	-16.08	3	Vertical	360	1.00	-
5775MHz	Pass	PK	720.64M	31.69	46.00	-14.31	3	Vertical	360	1.00	-
5775MHz	Pass	PK	947.62M	34.15	46.00	-11.85	3	Vertical	360	1.00	-
5775MHz	Pass	PK	43.58M	33.74	40.00	-6.26	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	111.48M	26.96	43.50	-16.54	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	194.9M	25.37	43.50	-18.13	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	493.66M	28.15	46.00	-17.85	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	621.7M	29.86	46.00	-16.14	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	899.12M	36.13	46.00	-9.87	3	Horizontal	0	1.00	-

802.11ax HEW80_Nss1,(MCS0)_4TX

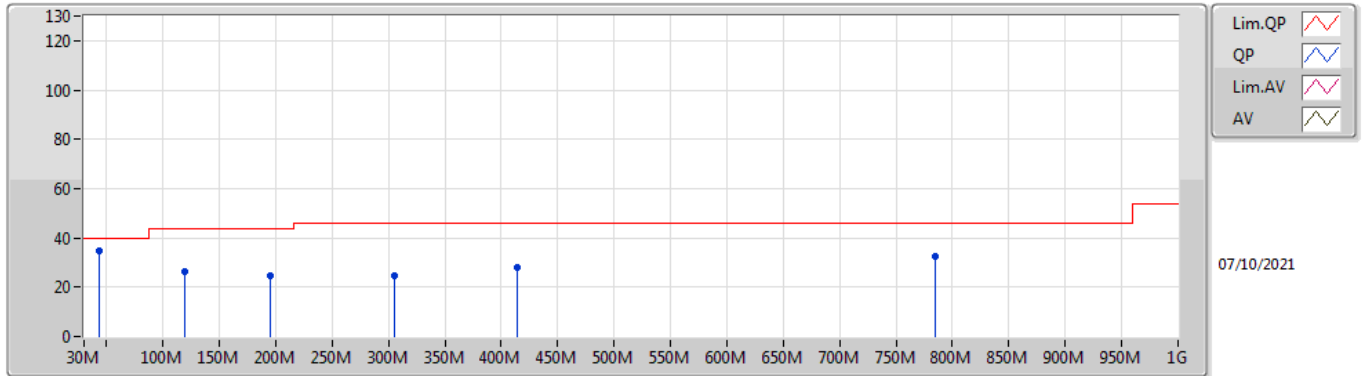
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	196.84M	26.20	43.50	-17.30	-10.94	3	Vertical	360	1.00	-	37.14	14.46	1.94	27.34
PK	352.04M	25.59	46.00	-20.41	-5.12	3	Vertical	360	1.00	-	30.71	19.67	2.56	27.35
PK	464.56M	27.82	46.00	-18.18	-2.89	3	Vertical	360	1.00	-	30.71	22.31	2.95	28.15
PK	580.96M	29.50	46.00	-16.50	-1.18	3	Vertical	360	1.00	-	30.68	23.91	3.30	28.39
PK	679.9M	32.06	46.00	-13.94	-0.50	3	Vertical	360	1.00	-	32.56	24.18	3.54	28.22
PK	904.94M	35.47	46.00	-10.53	2.34	3	Vertical	360	1.00	-	33.13	25.70	4.12	27.48

802.11ax HEW80_Nss1,(MCS0)_4TX

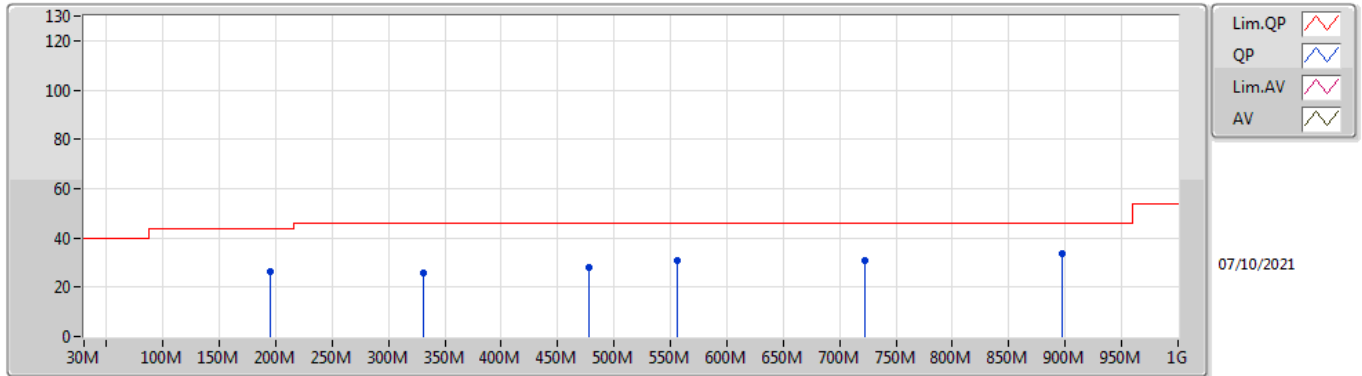
5775MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	34.73	40.00	-5.27	-10.69	3	Horizontal	0	1.00	-	45.42	15.82	1.00	27.51
PK	119.24M	26.25	43.50	-17.25	-8.78	3	Horizontal	0	1.00	-	35.03	17.48	1.54	27.80
PK	194.9M	24.44	43.50	-19.06	-11.03	3	Horizontal	0	1.00	-	35.47	14.40	1.93	27.36
PK	305.48M	24.93	46.00	-21.07	-6.17	3	Horizontal	0	1.00	-	31.10	18.54	2.38	27.09
PK	414.12M	27.97	46.00	-18.03	-3.37	3	Horizontal	0	1.00	-	31.34	21.70	2.79	27.86
PK	784.66M	32.45	46.00	-13.55	0.92	3	Horizontal	0	1.00	-	31.53	25.04	3.82	27.94

802.11ax HEW80_Nss1,(MCS0)_4TX

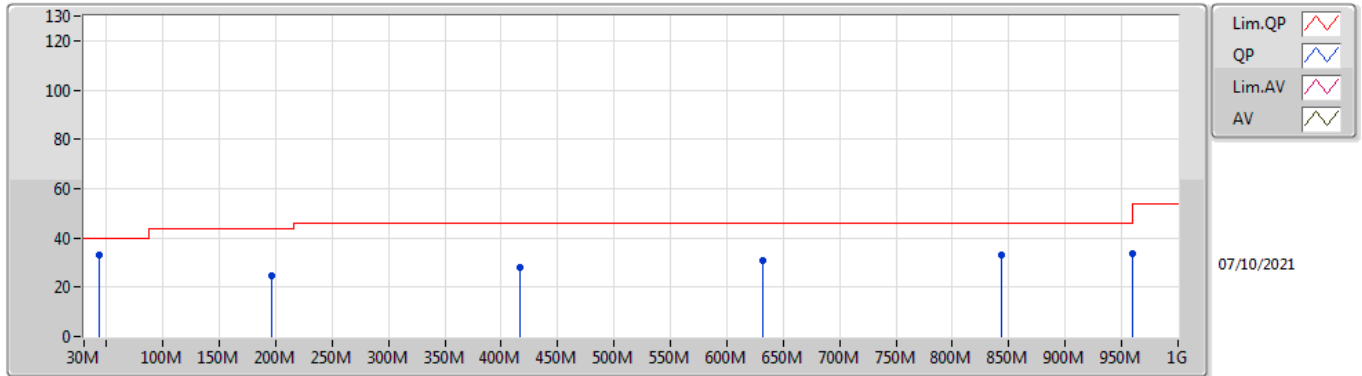
5775MHz_PoE 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	194.9M	26.10	43.50	-17.40	-11.03	3	Vertical	0	1.00	-	37.13	14.40	1.93	27.36
PK	330.7M	25.81	46.00	-20.19	-5.86	3	Vertical	0	1.00	-	31.67	18.89	2.48	27.23
PK	478.14M	27.76	46.00	-18.24	-2.61	3	Vertical	0	1.00	-	30.37	22.62	3.00	28.23
PK	555.74M	30.96	46.00	-15.04	-1.10	3	Vertical	0	1.00	-	32.06	24.02	3.21	28.33
PK	722.58M	31.06	46.00	-14.94	0.02	3	Vertical	0	1.00	-	31.04	24.53	3.65	28.16
PK	897.18M	33.80	46.00	-12.20	2.23	3	Vertical	0	1.00	-	31.57	25.64	4.10	27.51

802.11ax HEW80_Nss1,(MCS0)_4TX

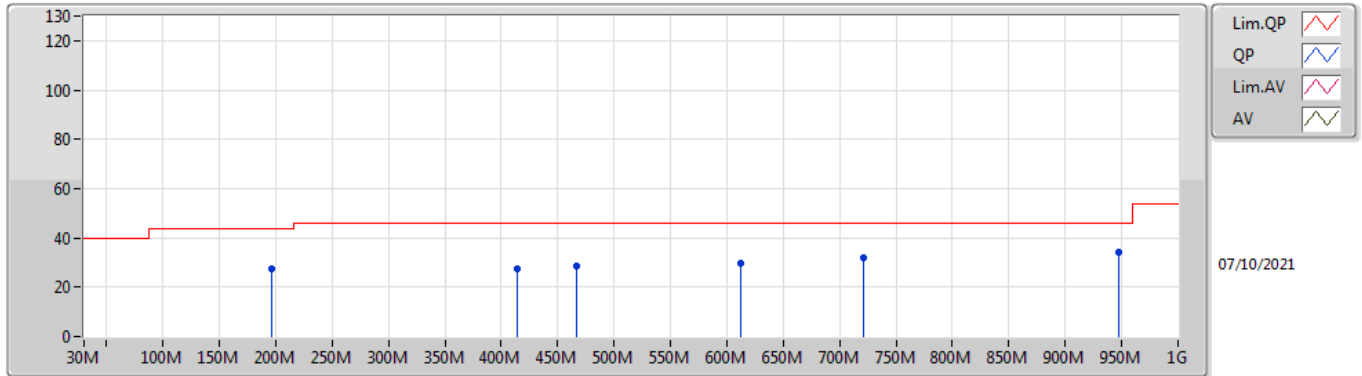
5775MHz_PoE 1



Type	Freq	Level	Limit	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	43.58M	33.23	40.00	-6.77	-10.69	3	Horizontal	360	1.00	-	43.92	15.82	1.00	27.51
PK	196.84M	24.82	43.50	-18.68	-10.94	3	Horizontal	360	1.00	-	35.76	14.46	1.94	27.34
PK	416.06M	27.82	46.00	-18.18	-3.34	3	Horizontal	360	1.00	-	31.16	21.74	2.79	27.87
PK	631.4M	30.99	46.00	-15.01	-0.55	3	Horizontal	360	1.00	-	31.54	24.32	3.42	28.29
PK	842.86M	32.81	46.00	-13.19	1.77	3	Horizontal	360	1.00	-	31.04	25.54	3.97	27.74
PK	960M	33.62	46.00	-12.38	3.16	3	Horizontal	360	1.00	-	30.46	26.20	4.21	27.25

802.11ax HEW80_Nss1,(MCS0)_4TX

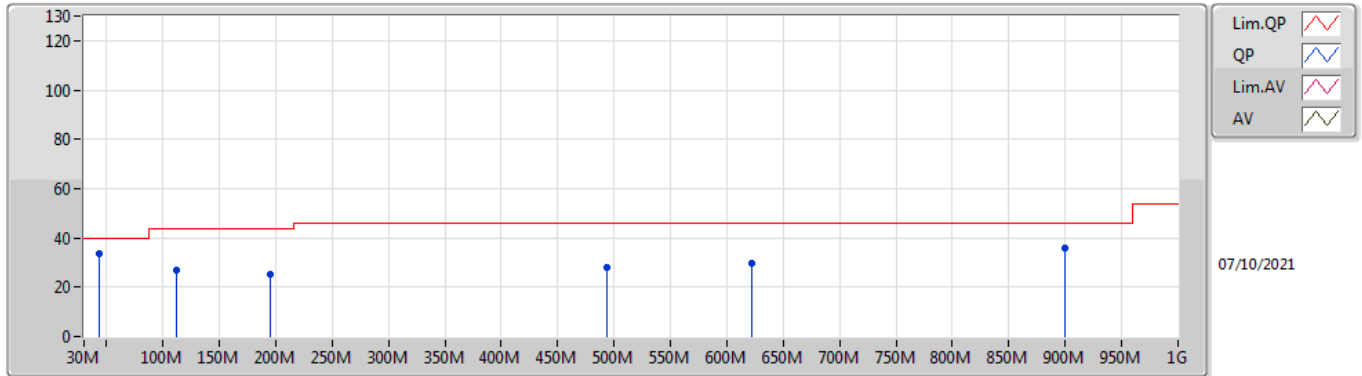
5775MHz_PoE 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	196.84M	27.38	43.50	-16.12	-10.94	3	Vertical	360	1.00	-	38.32	14.46	1.94	27.34
PK	414.12M	27.45	46.00	-18.55	-3.37	3	Vertical	360	1.00	-	30.82	21.70	2.79	27.86
PK	466.5M	28.85	46.00	-17.15	-2.83	3	Vertical	360	1.00	-	31.68	22.37	2.96	28.16
PK	612M	29.92	46.00	-16.08	-0.90	3	Vertical	360	1.00	-	30.82	24.08	3.39	28.37
PK	720.64M	31.69	46.00	-14.31	-0.06	3	Vertical	360	1.00	-	31.75	24.47	3.64	28.17
PK	947.62M	34.15	46.00	-11.85	2.95	3	Vertical	360	1.00	-	31.20	26.06	4.18	27.29

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_PoE 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	43.58M	33.74	40.00	-6.26	-10.69	3	Horizontal	0	1.00	-	44.43	15.82	1.00	27.51
PK	111.48M	26.96	43.50	-16.54	-9.16	3	Horizontal	0	1.00	-	36.12	17.14	1.49	27.79
PK	194.9M	25.37	43.50	-18.13	-11.03	3	Horizontal	0	1.00	-	36.40	14.40	1.93	27.36
PK	493.66M	28.15	46.00	-17.85	-2.54	3	Horizontal	0	1.00	-	30.69	22.71	3.06	28.31
PK	621.7M	29.86	46.00	-16.14	-0.69	3	Horizontal	0	1.00	-	30.55	24.24	3.40	28.33
PK	899.12M	36.13	46.00	-9.87	2.26	3	Horizontal	0	1.00	-	33.87	25.65	4.11	27.50

**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	20.80584G	53.82	54.00	-0.18	3	Vertical	7	1.33	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1466G	53.74	54.00	-0.26	3	Horizontal	316	1.49	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1496G	52.38	54.00	-1.62	3	Vertical	29	1.00	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.145G	52.55	54.00	-1.45	3	Horizontal	306	2.83	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	17.24116G	68.03	68.20	-0.17	3	Vertical	324	1.38	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.2432G	67.72	68.20	-0.48	3	Vertical	354	2.88	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.6482G	66.71	68.20	-1.49	3	Horizontal	298	1.88	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.643G	67.66	68.20	-0.54	3	Horizontal	311	1.30	-

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	5.15G	49.66	54.00	-4.34	3	Vertical	355	2.81	-
5180MHz	Pass	AV	5.1816G	104.67	Inf	-Inf	3	Vertical	355	2.81	-
5180MHz	Pass	PK	5.1496G	64.40	74.00	-9.60	3	Vertical	355	2.81	-
5180MHz	Pass	PK	5.1816G	114.03	Inf	-Inf	3	Vertical	355	2.81	-
5180MHz	Pass	AV	5.1496G	52.21	54.00	-1.79	3	Horizontal	305	2.72	-
5180MHz	Pass	AV	5.1778G	110.53	Inf	-Inf	3	Horizontal	305	2.72	-
5180MHz	Pass	PK	5.1498G	67.29	74.00	-6.71	3	Horizontal	305	2.72	-
5180MHz	Pass	PK	5.1776G	120.26	Inf	-Inf	3	Horizontal	305	2.72	-
5180MHz	Pass	AV	15.53448G	49.28	54.00	-4.72	3	Vertical	348	1.12	-
5180MHz	Pass	AV	20.71692G	37.04	54.00	-16.96	3	Vertical	14	1.26	-
5180MHz	Pass	PK	10.351G	56.24	68.20	-11.96	3	Vertical	11	1.40	-
5180MHz	Pass	PK	15.53396G	61.91	74.00	-12.09	3	Vertical	348	1.12	-
5180MHz	Pass	PK	20.71848G	50.70	74.00	-23.30	3	Vertical	14	1.26	-
5180MHz	Pass	AV	15.53216G	47.57	54.00	-6.43	3	Horizontal	138	1.50	-
5180MHz	Pass	AV	20.71688G	36.07	54.00	-17.93	3	Horizontal	325	1.77	-
5180MHz	Pass	PK	10.35632G	58.01	68.20	-10.19	3	Horizontal	310	1.87	-
5180MHz	Pass	PK	15.53636G	60.80	74.00	-13.20	3	Horizontal	138	1.50	-
5180MHz	Pass	PK	20.71636G	50.19	74.00	-23.81	3	Horizontal	325	1.77	-
5200MHz	Pass	AV	5.148G	53.56	54.00	-0.44	3	Vertical	350	2.03	-
5200MHz	Pass	AV	5.2028G	107.13	Inf	-Inf	3	Vertical	350	2.03	-
5200MHz	Pass	PK	5.1476G	65.39	74.00	-8.61	3	Vertical	350	2.03	-
5200MHz	Pass	PK	5.2028G	117.45	Inf	-Inf	3	Vertical	350	2.03	-
5200MHz	Pass	AV	5.1484G	52.31	54.00	-1.69	3	Horizontal	300	1.01	-
5200MHz	Pass	AV	5.1948G	112.91	Inf	-Inf	3	Horizontal	300	1.01	-
5200MHz	Pass	PK	5.1492G	65.82	74.00	-8.18	3	Horizontal	300	1.01	-
5200MHz	Pass	PK	5.1952G	123.19	Inf	-Inf	3	Horizontal	300	1.01	-
5200MHz	Pass	AV	15.60764G	47.27	54.00	-6.73	3	Vertical	349	1.48	-
5200MHz	Pass	AV	20.80584G	53.82	54.00	-0.18	3	Vertical	7	1.33	-
5200MHz	Pass	PK	10.3966G	58.25	68.20	-9.95	3	Vertical	5	1.50	-
5200MHz	Pass	PK	15.60636G	60.01	74.00	-13.99	3	Vertical	349	1.48	-
5200MHz	Pass	PK	20.806G	66.33	74.00	-7.67	3	Vertical	7	1.33	-
5200MHz	Pass	AV	15.60772G	47.28	54.00	-6.72	3	Horizontal	318	2.22	-
5200MHz	Pass	AV	20.806G	52.46	54.00	-1.54	3	Horizontal	348	1.76	-
5200MHz	Pass	PK	10.39548G	61.16	68.20	-7.04	3	Horizontal	312	1.76	-
5200MHz	Pass	PK	15.59016G	60.89	74.00	-13.11	3	Horizontal	318	2.22	-
5200MHz	Pass	PK	20.80768G	65.30	74.00	-8.70	3	Horizontal	348	1.76	-
5240MHz	Pass	AV	5.1458G	45.88	54.00	-8.12	3	Vertical	70	2.41	-
5240MHz	Pass	AV	5.2436G	105.99	Inf	-Inf	3	Vertical	70	2.41	-
5240MHz	Pass	AV	5.3708G	45.16	54.00	-8.84	3	Vertical	70	2.41	-
5240MHz	Pass	PK	5.144G	58.32	74.00	-15.68	3	Vertical	70	2.41	-
5240MHz	Pass	PK	5.2442G	116.54	Inf	-Inf	3	Vertical	70	2.41	-
5240MHz	Pass	PK	5.3648G	57.28	74.00	-16.72	3	Vertical	70	2.41	-
5240MHz	Pass	AV	5.1482G	49.30	54.00	-4.70	3	Horizontal	302	2.54	-
5240MHz	Pass	AV	5.2412G	113.59	Inf	-Inf	3	Horizontal	302	2.54	-
5240MHz	Pass	AV	5.3606G	46.37	54.00	-7.63	3	Horizontal	302	2.54	-
5240MHz	Pass	PK	5.1488G	62.58	74.00	-11.42	3	Horizontal	302	2.54	-
5240MHz	Pass	PK	5.2412G	123.29	Inf	-Inf	3	Horizontal	302	2.54	-
5240MHz	Pass	PK	5.36G	57.96	74.00	-16.04	3	Horizontal	302	2.54	-
5240MHz	Pass	AV	15.7188G	46.45	54.00	-7.55	3	Vertical	353	2.51	-
5240MHz	Pass	AV	20.96356G	51.98	54.00	-2.02	3	Vertical	42	1.33	-
5240MHz	Pass	PK	10.47808G	60.74	68.20	-7.46	3	Vertical	3	1.54	-
5240MHz	Pass	PK	15.72136G	59.79	74.00	-14.21	3	Vertical	353	2.51	-
5240MHz	Pass	PK	20.96284G	64.72	74.00	-9.28	3	Vertical	42	1.33	-
5240MHz	Pass	AV	15.71936G	46.14	54.00	-7.86	3	Horizontal	48	2.35	-
5240MHz	Pass	AV	20.96056G	50.79	54.00	-3.21	3	Horizontal	9	1.41	-
5240MHz	Pass	PK	10.47684G	63.50	68.20	-4.70	3	Horizontal	312	1.75	-
5240MHz	Pass	PK	15.71996G	59.34	74.00	-14.66	3	Horizontal	48	2.35	-
5240MHz	Pass	PK	20.96032G	64.06	74.00	-9.94	3	Horizontal	9	1.41	-
5745MHz	Pass	AV	5.7462G	108.79	Inf	-Inf	3	Vertical	328	2.91	-
5745MHz	Pass	PK	5.6466G	62.99	68.20	-5.21	3	Vertical	328	2.91	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5745MHz	Pass	PK	5.7462G	118.64	Inf	-Inf	3	Vertical	328	2.91	-
5745MHz	Pass	PK	5.997G	58.11	68.20	-10.09	3	Vertical	328	2.91	-
5745MHz	Pass	AV	5.7414G	112.83	Inf	-Inf	3	Horizontal	319	1.57	-
5745MHz	Pass	PK	5.6478G	66.16	68.20	-2.04	3	Horizontal	319	1.57	-
5745MHz	Pass	PK	5.7426G	122.89	Inf	-Inf	3	Horizontal	319	1.57	-
5745MHz	Pass	PK	6.039G	58.33	68.20	-9.87	3	Horizontal	319	1.57	-
5745MHz	Pass	AV	11.48756G	49.23	54.00	-4.77	3	Vertical	351	1.50	-
5745MHz	Pass	AV	22.9731G	39.46	54.00	-14.54	3	Vertical	360	1.67	-
5745MHz	Pass	PK	11.487G	62.37	74.00	-11.63	3	Vertical	351	1.50	-
5745MHz	Pass	PK	17.24116G	68.03	68.20	-0.17	3	Vertical	324	1.38	-
5745MHz	Pass	PK	22.97238G	53.73	74.00	-20.27	3	Vertical	360	1.67	-
5745MHz	Pass	AV	11.48996G	52.12	54.00	-1.88	3	Horizontal	307	2.26	-
5745MHz	Pass	AV	22.98582G	37.16	54.00	-16.84	3	Horizontal	26	1.63	-
5745MHz	Pass	PK	11.49056G	65.36	74.00	-8.64	3	Horizontal	307	2.26	-
5745MHz	Pass	PK	17.2342G	68.01	68.20	-0.19	3	Horizontal	330	2.73	-
5745MHz	Pass	PK	22.98768G	50.64	74.00	-23.36	3	Horizontal	26	1.63	-
5785MHz	Pass	AV	5.7838G	105.52	Inf	-Inf	3	Vertical	322	2.90	-
5785MHz	Pass	PK	5.587G	58.53	68.20	-9.67	3	Vertical	322	2.90	-
5785MHz	Pass	PK	5.7838G	115.21	Inf	-Inf	3	Vertical	322	2.90	-
5785MHz	Pass	PK	5.9434G	58.87	68.20	-9.33	3	Vertical	322	2.90	-
5785MHz	Pass	AV	5.7874G	113.14	Inf	-Inf	3	Horizontal	316	1.00	-
5785MHz	Pass	PK	5.593G	60.03	68.20	-8.17	3	Horizontal	316	1.00	-
5785MHz	Pass	PK	5.7874G	122.51	Inf	-Inf	3	Horizontal	316	1.00	-
5785MHz	Pass	PK	6.0346G	58.55	68.20	-9.65	3	Horizontal	316	1.00	-
5785MHz	Pass	AV	11.56804G	48.81	54.00	-5.19	3	Vertical	11	1.50	-
5785MHz	Pass	PK	11.56816G	61.71	74.00	-12.29	3	Vertical	11	1.50	-
5785MHz	Pass	PK	17.36388G	68.02	68.20	-0.18	3	Vertical	0	2.71	-
5785MHz	Pass	PK	23.13226G	50.18	68.20	-18.02	3	Vertical	360	1.71	-
5785MHz	Pass	AV	11.56592G	50.57	54.00	-3.43	3	Horizontal	284	1.65	-
5785MHz	Pass	PK	11.56804G	63.37	74.00	-10.63	3	Horizontal	284	1.65	-
5785MHz	Pass	PK	17.36088G	67.86	68.20	-0.34	3	Horizontal	330	2.75	-
5785MHz	Pass	PK	23.14288G	46.20	68.20	-22.00	3	Horizontal	347	1.74	-
5825MHz	Pass	AV	5.8238G	104.95	Inf	-Inf	3	Vertical	356	3.00	-
5825MHz	Pass	PK	5.6354G	58.21	68.20	-9.99	3	Vertical	356	3.00	-
5825MHz	Pass	PK	5.8238G	114.35	Inf	-Inf	3	Vertical	356	3.00	-
5825MHz	Pass	PK	5.9954G	57.91	68.20	-10.29	3	Vertical	356	3.00	-
5825MHz	Pass	AV	5.8202G	109.83	Inf	-Inf	3	Horizontal	324	2.52	-
5825MHz	Pass	PK	5.549G	59.60	68.20	-8.60	3	Horizontal	324	2.52	-
5825MHz	Pass	PK	5.8202G	119.27	Inf	-Inf	3	Horizontal	324	2.52	-
5825MHz	Pass	PK	6.0554G	58.92	68.20	-9.28	3	Horizontal	324	2.52	-
5825MHz	Pass	AV	11.64756G	44.87	54.00	-9.13	3	Vertical	10	1.50	-
5825MHz	Pass	PK	11.64812G	57.52	74.00	-16.48	3	Vertical	10	1.50	-
5825MHz	Pass	PK	17.47896G	67.41	68.20	-0.79	3	Vertical	355	3.00	-
5825MHz	Pass	PK	23.312G	43.80	68.20	-24.40	3	Vertical	360	1.74	-
5825MHz	Pass	AV	11.65012G	46.45	54.00	-7.55	3	Horizontal	290	1.70	-
5825MHz	Pass	PK	11.65072G	58.81	74.00	-15.19	3	Horizontal	290	1.70	-
5825MHz	Pass	PK	17.47856G	67.97	68.20	-0.23	3	Horizontal	1	2.81	-
5825MHz	Pass	PK	23.30132G	41.90	68.20	-26.30	3	Horizontal	356	1.90	-
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5180MHz	Pass	AV	5.1498G	50.32	54.00	-3.68	3	Vertical	326	2.94	-
5180MHz	Pass	AV	5.1758G	104.47	Inf	-Inf	3	Vertical	326	2.94	-
5180MHz	Pass	PK	5.15G	63.74	74.00	-10.26	3	Vertical	326	2.94	-
5180MHz	Pass	PK	5.1748G	118.11	Inf	-Inf	3	Vertical	326	2.94	-
5180MHz	Pass	AV	5.1466G	53.74	54.00	-0.26	3	Horizontal	316	1.49	-
5180MHz	Pass	AV	5.1854G	107.35	Inf	-Inf	3	Horizontal	316	1.49	-
5180MHz	Pass	PK	5.1462G	69.89	74.00	-4.11	3	Horizontal	316	1.49	-
5180MHz	Pass	PK	5.1844G	119.96	Inf	-Inf	3	Horizontal	316	1.49	-
5180MHz	Pass	AV	15.53076G	46.90	54.00	-7.10	3	Vertical	218	1.01	-
5180MHz	Pass	AV	20.71754G	39.96	54.00	-14.04	3	Vertical	17	1.21	-
5180MHz	Pass	PK	10.35636G	55.93	68.20	-12.27	3	Vertical	14	1.36	-
5180MHz	Pass	PK	15.54748G	60.77	74.00	-13.23	3	Vertical	218	1.01	-
5180MHz	Pass	PK	20.7176G	57.57	74.00	-16.43	3	Vertical	17	1.21	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	AV	15.53344G	46.96	54.00	-7.04	3	Horizontal	179	1.91	-
5180MHz	Pass	AV	20.71784G	39.04	54.00	-14.96	3	Horizontal	8	1.54	-
5180MHz	Pass	PK	10.35696G	56.37	68.20	-11.83	3	Horizontal	305	1.76	-
5180MHz	Pass	PK	15.54592G	60.01	74.00	-13.99	3	Horizontal	179	1.91	-
5180MHz	Pass	PK	20.71766G	55.08	74.00	-18.92	3	Horizontal	8	1.54	-
5200MHz	Pass	AV	5.15G	47.74	54.00	-6.26	3	Vertical	351	2.10	-
5200MHz	Pass	AV	5.1976G	105.99	Inf	-Inf	3	Vertical	351	2.10	-
5200MHz	Pass	PK	5.15G	60.39	74.00	-13.61	3	Vertical	351	2.10	-
5200MHz	Pass	PK	5.198G	118.15	Inf	-Inf	3	Vertical	351	2.10	-
5200MHz	Pass	AV	5.1464G	51.89	54.00	-2.11	3	Horizontal	317	1.50	-
5200MHz	Pass	AV	5.2048G	109.68	Inf	-Inf	3	Horizontal	317	1.50	-
5200MHz	Pass	PK	5.1456G	66.16	74.00	-7.84	3	Horizontal	317	1.50	-
5200MHz	Pass	PK	5.2052G	122.78	Inf	-Inf	3	Horizontal	317	1.50	-
5200MHz	Pass	AV	15.59972G	49.39	54.00	-4.61	3	Vertical	351	2.43	-
5200MHz	Pass	AV	20.79574G	50.10	54.00	-3.90	3	Vertical	6	1.31	-
5200MHz	Pass	PK	10.39728G	56.45	68.20	-11.75	3	Vertical	4	1.50	-
5200MHz	Pass	PK	15.59944G	63.59	74.00	-10.41	3	Vertical	351	2.43	-
5200MHz	Pass	PK	20.7976G	65.17	74.00	-8.83	3	Vertical	6	1.31	-
5200MHz	Pass	AV	15.60152G	46.29	54.00	-7.71	3	Horizontal	33	1.08	-
5200MHz	Pass	AV	20.79748G	48.67	54.00	-5.33	3	Horizontal	360	1.84	-
5200MHz	Pass	PK	10.39616G	59.69	68.20	-8.51	3	Horizontal	304	1.79	-
5200MHz	Pass	PK	15.6042G	59.91	74.00	-14.09	3	Horizontal	33	1.08	-
5200MHz	Pass	PK	20.7979G	64.21	74.00	-9.79	3	Horizontal	360	1.84	-
5240MHz	Pass	AV	5.1448G	46.06	54.00	-7.94	3	Vertical	2	2.62	-
5240MHz	Pass	AV	5.2368G	107.58	Inf	-Inf	3	Vertical	2	2.62	-
5240MHz	Pass	PK	5.15G	58.26	74.00	-15.74	3	Vertical	2	2.62	-
5240MHz	Pass	PK	5.2372G	120.42	Inf	-Inf	3	Vertical	2	2.62	-
5240MHz	Pass	AV	5.1472G	47.09	54.00	-6.91	3	Horizontal	310	2.81	-
5240MHz	Pass	AV	5.234G	113.19	Inf	-Inf	3	Horizontal	310	2.81	-
5240MHz	Pass	PK	5.1472G	60.93	74.00	-13.07	3	Horizontal	310	2.81	-
5240MHz	Pass	PK	5.2348G	127.20	Inf	-Inf	3	Horizontal	310	2.81	-
5240MHz	Pass	AV	15.71456G	48.59	54.00	-5.41	3	Vertical	351	1.49	-
5240MHz	Pass	AV	20.96258G	53.25	54.00	-0.75	3	Vertical	0	1.80	-
5240MHz	Pass	PK	10.47748G	60.70	68.20	-7.50	3	Vertical	4	1.52	-
5240MHz	Pass	PK	15.71356G	62.17	74.00	-11.83	3	Vertical	351	1.49	-
5240MHz	Pass	PK	20.963G	65.90	74.00	-8.10	3	Vertical	0	1.80	-
5240MHz	Pass	AV	15.72472G	46.59	54.00	-7.41	3	Horizontal	50	2.32	-
5240MHz	Pass	AV	20.95496G	53.17	54.00	-0.83	3	Horizontal	0	1.88	-
5240MHz	Pass	PK	10.47764G	64.43	68.20	-3.77	3	Horizontal	307	1.67	-
5240MHz	Pass	PK	15.7162G	59.76	74.00	-14.24	3	Horizontal	50	2.32	-
5240MHz	Pass	PK	20.95538G	66.53	74.00	-7.47	3	Horizontal	0	1.88	-
5745MHz	Pass	AV	5.7462G	106.09	Inf	-Inf	3	Vertical	341	2.95	-
5745MHz	Pass	PK	5.6454G	63.42	68.20	-4.78	3	Vertical	341	2.95	-
5745MHz	Pass	PK	5.7462G	117.68	Inf	-Inf	3	Vertical	341	2.95	-
5745MHz	Pass	PK	5.9622G	58.65	68.20	-9.55	3	Vertical	341	2.95	-
5745MHz	Pass	AV	5.739G	112.96	Inf	-Inf	3	Horizontal	296	1.84	-
5745MHz	Pass	PK	5.6586G	72.63	74.56	-1.93	3	Horizontal	296	1.84	-
5745MHz	Pass	PK	5.7402G	124.91	Inf	-Inf	3	Horizontal	296	1.84	-
5745MHz	Pass	PK	5.9946G	58.46	68.20	-9.74	3	Horizontal	296	1.84	-
5745MHz	Pass	AV	11.48428G	48.45	54.00	-5.55	3	Vertical	9	2.47	-
5745MHz	Pass	AV	22.98702G	38.66	54.00	-15.34	3	Vertical	360	1.69	-
5745MHz	Pass	PK	11.48244G	62.73	74.00	-11.27	3	Vertical	9	2.47	-
5745MHz	Pass	PK	17.2432G	67.72	68.20	-0.48	3	Vertical	354	2.88	-
5745MHz	Pass	PK	22.98804G	52.81	74.00	-21.19	3	Vertical	360	1.69	-
5745MHz	Pass	AV	11.49068G	51.22	54.00	-2.78	3	Horizontal	304	2.27	-
5745MHz	Pass	AV	22.96938G	39.15	54.00	-14.85	3	Horizontal	12	1.72	-
5745MHz	Pass	PK	11.49124G	64.94	74.00	-9.06	3	Horizontal	304	2.27	-
5745MHz	Pass	PK	17.23136G	67.18	68.20	-1.02	3	Horizontal	323	2.57	-
5745MHz	Pass	PK	22.96938G	53.94	74.00	-20.06	3	Horizontal	12	1.72	-
5785MHz	Pass	AV	5.7886G	103.31	Inf	-Inf	3	Vertical	4	1.32	-
5785MHz	Pass	PK	5.5858G	58.03	68.20	-10.17	3	Vertical	4	1.32	-
5785MHz	Pass	PK	5.7874G	116.16	Inf	-Inf	3	Vertical	4	1.32	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	5.9506G	58.69	68.20	-9.51	3	Vertical	4	1.32	-
5785MHz	Pass	AV	5.791G	111.59	Inf	-Inf	3	Horizontal	311	1.18	-
5785MHz	Pass	PK	5.5978G	60.67	68.20	-7.53	3	Horizontal	311	1.18	-
5785MHz	Pass	PK	5.791G	123.30	Inf	-Inf	3	Horizontal	311	1.18	-
5785MHz	Pass	PK	6.073G	58.64	68.20	-9.56	3	Horizontal	311	1.18	-
5785MHz	Pass	AV	11.5606G	47.41	54.00	-6.59	3	Vertical	12	1.50	-
5785MHz	Pass	PK	11.56016G	62.18	74.00	-11.82	3	Vertical	12	1.50	-
5785MHz	Pass	PK	17.35076G	67.24	68.20	-0.96	3	Vertical	1	2.97	-
5785MHz	Pass	PK	23.14762G	48.98	68.20	-19.22	3	Vertical	0	1.70	-
5785MHz	Pass	AV	11.57292G	49.13	54.00	-4.87	3	Horizontal	6	2.32	-
5785MHz	Pass	PK	11.57244G	62.92	74.00	-11.08	3	Horizontal	6	2.32	-
5785MHz	Pass	PK	17.351G	67.06	68.20	-1.14	3	Horizontal	359	2.64	-
5785MHz	Pass	PK	23.13124G	47.12	68.20	-21.08	3	Horizontal	25	1.74	-
5825MHz	Pass	AV	5.8178G	101.80	Inf	-Inf	3	Vertical	360	1.02	-
5825MHz	Pass	PK	5.561G	58.06	68.20	-10.14	3	Vertical	360	1.02	-
5825MHz	Pass	PK	5.819G	113.99	Inf	-Inf	3	Vertical	360	1.02	-
5825MHz	Pass	PK	6.0158G	58.68	68.20	-9.52	3	Vertical	360	1.02	-
5825MHz	Pass	AV	5.8262G	109.62	Inf	-Inf	3	Horizontal	321	1.00	-
5825MHz	Pass	PK	5.6342G	59.28	68.20	-8.92	3	Horizontal	321	1.00	-
5825MHz	Pass	PK	5.8262G	121.36	Inf	-Inf	3	Horizontal	321	1.00	-
5825MHz	Pass	PK	6.119G	58.98	68.20	-9.22	3	Horizontal	321	1.00	-
5825MHz	Pass	AV	11.65004G	44.15	54.00	-9.85	3	Vertical	11	2.63	-
5825MHz	Pass	PK	11.65068G	56.84	74.00	-17.16	3	Vertical	11	2.63	-
5825MHz	Pass	PK	17.47072G	66.59	68.20	-1.61	3	Vertical	324	1.96	-
5825MHz	Pass	PK	23.30858G	45.73	68.20	-22.47	3	Vertical	0	1.73	-
5825MHz	Pass	AV	11.6426G	45.31	54.00	-8.69	3	Horizontal	7	1.50	-
5825MHz	Pass	PK	11.64152G	59.57	74.00	-14.43	3	Horizontal	7	1.50	-
5825MHz	Pass	PK	17.47244G	67.32	68.20	-0.88	3	Horizontal	340	2.71	-
5825MHz	Pass	PK	23.3099G	43.28	68.20	-24.92	3	Horizontal	0	1.78	-
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5190MHz	Pass	AV	5.1496G	52.38	54.00	-1.62	3	Vertical	29	1.00	-
5190MHz	Pass	AV	5.1828G	98.15	Inf	-Inf	3	Vertical	29	1.00	-
5190MHz	Pass	PK	5.1492G	69.50	74.00	-4.50	3	Vertical	29	1.00	-
5190MHz	Pass	PK	5.184G	110.48	Inf	-Inf	3	Vertical	29	1.00	-
5190MHz	Pass	AV	5.1484G	52.30	54.00	-1.70	3	Horizontal	72	1.21	-
5190MHz	Pass	AV	5.1952G	103.71	Inf	-Inf	3	Horizontal	72	1.21	-
5190MHz	Pass	PK	5.1484G	68.58	74.00	-5.42	3	Horizontal	72	1.21	-
5190MHz	Pass	PK	5.196G	115.88	Inf	-Inf	3	Horizontal	72	1.21	-
5190MHz	Pass	AV	15.55544G	46.74	54.00	-7.26	3	Vertical	106	1.36	-
5190MHz	Pass	AV	20.77302G	30.00	54.00	-24.00	3	Vertical	234	1.06	-
5190MHz	Pass	PK	10.38016G	55.42	68.20	-12.78	3	Vertical	360	1.32	-
5190MHz	Pass	PK	15.57496G	60.62	74.00	-13.38	3	Vertical	106	1.36	-
5190MHz	Pass	PK	20.751G	43.21	74.00	-30.79	3	Vertical	234	1.06	-
5190MHz	Pass	AV	15.55008G	46.64	54.00	-7.36	3	Horizontal	206	1.50	-
5190MHz	Pass	AV	20.7702G	29.99	54.00	-24.01	3	Horizontal	104	2.48	-
5190MHz	Pass	PK	10.38088G	55.91	68.20	-12.29	3	Horizontal	92	1.70	-
5190MHz	Pass	PK	15.58016G	60.50	74.00	-13.50	3	Horizontal	206	1.50	-
5190MHz	Pass	PK	20.7654G	43.24	74.00	-30.76	3	Horizontal	104	2.48	-
5230MHz	Pass	AV	5.148G	49.00	54.00	-5.00	3	Vertical	0	2.76	-
5230MHz	Pass	AV	5.228G	101.84	Inf	-Inf	3	Vertical	0	2.76	-
5230MHz	Pass	PK	5.1476G	61.61	74.00	-12.39	3	Vertical	0	2.76	-
5230MHz	Pass	PK	5.228G	114.10	Inf	-Inf	3	Vertical	0	2.76	-
5230MHz	Pass	AV	5.15G	52.16	54.00	-1.84	3	Horizontal	314	2.82	-
5230MHz	Pass	AV	5.2244G	107.60	Inf	-Inf	3	Horizontal	314	2.82	-
5230MHz	Pass	PK	5.1448G	64.56	74.00	-9.44	3	Horizontal	314	2.82	-
5230MHz	Pass	PK	5.224G	119.47	Inf	-Inf	3	Horizontal	314	2.82	-
5230MHz	Pass	AV	15.67472G	46.66	54.00	-7.34	3	Vertical	344	1.00	-
5230MHz	Pass	AV	20.914G	45.61	54.00	-8.39	3	Vertical	266	1.66	-
5230MHz	Pass	PK	10.476G	56.79	68.20	-11.41	3	Vertical	4	1.74	-
5230MHz	Pass	PK	15.67392G	60.08	74.00	-13.92	3	Vertical	344	1.00	-
5230MHz	Pass	PK	20.91424G	62.11	74.00	-11.89	3	Vertical	266	1.66	-
5230MHz	Pass	AV	15.68648G	45.60	54.00	-8.40	3	Horizontal	311	1.49	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	AV	20.9143G	41.26	54.00	-12.74	3	Horizontal	210	1.31	-
5230MHz	Pass	PK	10.45832G	58.87	68.20	-9.33	3	Horizontal	309	1.73	-
5230MHz	Pass	PK	15.6904G	60.06	74.00	-13.94	3	Horizontal	311	1.49	-
5230MHz	Pass	PK	20.91568G	55.67	74.00	-18.33	3	Horizontal	210	1.31	-
5755MHz	Pass	AV	5.7502G	99.36	Inf	-Inf	3	Vertical	15	1.00	-
5755MHz	Pass	PK	5.6494G	59.82	68.20	-8.38	3	Vertical	15	1.00	-
5755MHz	Pass	PK	5.7502G	110.65	Inf	-Inf	3	Vertical	15	1.00	-
5755MHz	Pass	PK	6.037G	58.76	68.20	-9.44	3	Vertical	15	1.00	-
5755MHz	Pass	AV	5.7502G	107.94	Inf	-Inf	3	Horizontal	298	1.88	-
5755MHz	Pass	PK	5.6482G	66.71	68.20	-1.49	3	Horizontal	298	1.88	-
5755MHz	Pass	PK	5.749G	119.90	Inf	-Inf	3	Horizontal	298	1.88	-
5755MHz	Pass	PK	5.9998G	59.18	68.20	-9.02	3	Horizontal	298	1.88	-
5755MHz	Pass	AV	11.50024G	46.09	54.00	-7.91	3	Vertical	11	1.54	-
5755MHz	Pass	AV	23.00758G	28.94	54.00	-25.06	3	Vertical	231	1.57	-
5755MHz	Pass	PK	11.50128G	59.57	74.00	-14.43	3	Vertical	11	1.54	-
5755MHz	Pass	PK	17.2786G	63.46	68.20	-4.74	3	Vertical	338	1.12	-
5755MHz	Pass	PK	23.00734G	41.80	74.00	-32.20	3	Vertical	231	1.57	-
5755MHz	Pass	AV	11.512G	47.23	54.00	-6.77	3	Horizontal	5	2.29	-
5755MHz	Pass	AV	23.02G	29.18	54.00	-24.82	3	Horizontal	349	1.06	-
5755MHz	Pass	PK	11.51272G	61.11	74.00	-12.89	3	Horizontal	5	2.29	-
5755MHz	Pass	PK	17.25988G	63.37	68.20	-4.83	3	Horizontal	327	1.50	-
5755MHz	Pass	PK	23.0077G	42.45	74.00	-31.55	3	Horizontal	349	1.06	-
5795MHz	Pass	AV	5.7986G	100.20	Inf	-Inf	3	Vertical	5	1.26	-
5795MHz	Pass	PK	5.6474G	58.25	68.20	-9.95	3	Vertical	5	1.26	-
5795MHz	Pass	PK	5.7974G	113.56	Inf	-Inf	3	Vertical	5	1.26	-
5795MHz	Pass	PK	5.993G	58.38	68.20	-9.82	3	Vertical	5	1.26	-
5795MHz	Pass	AV	5.801G	108.34	Inf	-Inf	3	Horizontal	316	1.30	-
5795MHz	Pass	PK	5.651G	64.33	68.94	-4.61	3	Horizontal	316	1.30	-
5795MHz	Pass	PK	5.801G	118.81	Inf	-Inf	3	Horizontal	316	1.30	-
5795MHz	Pass	PK	6.095G	58.70	68.20	-9.50	3	Horizontal	316	1.30	-
5795MHz	Pass	AV	11.5804G	46.48	54.00	-7.52	3	Vertical	11	1.52	-
5795MHz	Pass	PK	11.58064G	59.01	74.00	-14.99	3	Vertical	11	1.52	-
5795MHz	Pass	PK	17.38412G	66.53	68.20	-1.67	3	Vertical	0	2.97	-
5795MHz	Pass	PK	23.16764G	45.87	68.20	-22.33	3	Vertical	104	2.22	-
5795MHz	Pass	AV	11.5816G	47.44	54.00	-6.56	3	Horizontal	6	1.41	-
5795MHz	Pass	PK	11.58112G	60.82	74.00	-13.18	3	Horizontal	6	1.41	-
5795MHz	Pass	PK	17.38604G	65.75	68.20	-2.45	3	Horizontal	0	2.57	-
5795MHz	Pass	PK	23.1701G	45.21	68.20	-22.99	3	Horizontal	95	1.39	-
802.11ax HEW80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	49.77	54.00	-4.23	3	Vertical	0	2.76	-
5210MHz	Pass	AV	5.208G	95.16	Inf	-Inf	3	Vertical	0	2.76	-
5210MHz	Pass	AV	5.35G	45.38	54.00	-8.62	3	Vertical	0	2.76	-
5210MHz	Pass	PK	5.147G	63.75	74.00	-10.25	3	Vertical	0	2.76	-
5210MHz	Pass	PK	5.208G	107.26	Inf	-Inf	3	Vertical	0	2.76	-
5210MHz	Pass	PK	5.362G	57.90	74.00	-16.10	3	Vertical	0	2.76	-
5210MHz	Pass	AV	5.145G	52.55	54.00	-1.45	3	Horizontal	306	2.83	-
5210MHz	Pass	AV	5.204G	101.23	Inf	-Inf	3	Horizontal	306	2.83	-
5210MHz	Pass	AV	5.365G	46.14	54.00	-7.86	3	Horizontal	306	2.83	-
5210MHz	Pass	PK	5.146G	67.62	74.00	-6.38	3	Horizontal	306	2.83	-
5210MHz	Pass	PK	5.225G	113.90	Inf	-Inf	3	Horizontal	306	2.83	-
5210MHz	Pass	PK	5.452G	58.22	74.00	-15.78	3	Horizontal	306	2.83	-
5210MHz	Pass	AV	15.59288G	45.87	54.00	-8.13	3	Vertical	15	1.50	-
5210MHz	Pass	AV	20.83394G	33.14	54.00	-20.86	3	Vertical	270	1.26	-
5210MHz	Pass	PK	10.4312G	55.80	68.20	-12.40	3	Vertical	292	2.12	-
5210MHz	Pass	PK	15.5916G	59.28	74.00	-14.72	3	Vertical	15	1.50	-
5210MHz	Pass	PK	20.83352G	45.91	74.00	-28.09	3	Vertical	270	1.26	-
5210MHz	Pass	AV	15.59144G	45.91	54.00	-8.09	3	Horizontal	325	1.50	-
5210MHz	Pass	AV	20.83376G	32.42	54.00	-21.58	3	Horizontal	0	1.86	-
5210MHz	Pass	PK	10.41808G	55.42	68.20	-12.78	3	Horizontal	314	1.50	-
5210MHz	Pass	PK	15.60792G	59.22	74.00	-14.78	3	Horizontal	325	1.50	-
5210MHz	Pass	PK	20.83376G	46.31	74.00	-27.69	3	Horizontal	0	1.86	-
5775MHz	Pass	AV	5.7702G	93.67	Inf	-Inf	3	Vertical	15	1.00	-



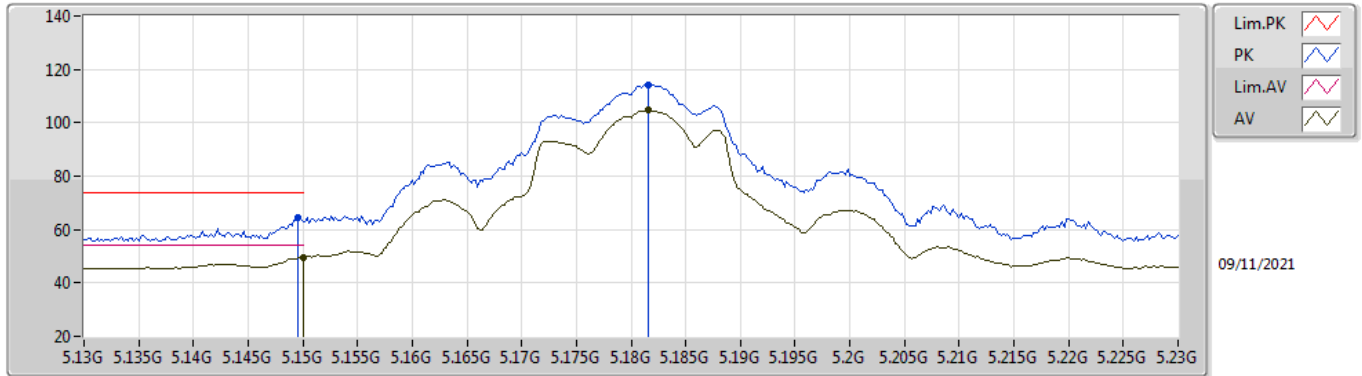
RSE TX above 1GHz_Non-Beamforming_Radio2

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.6502G	62.60	68.35	-5.75	3	Vertical	15	1.00	-
5775MHz	Pass	PK	5.769G	105.73	Inf	-Inf	3	Vertical	15	1.00	-
5775MHz	Pass	PK	6.0246G	58.48	68.20	-9.72	3	Vertical	15	1.00	-
5775MHz	Pass	AV	5.7606G	101.14	Inf	-Inf	3	Horizontal	311	1.30	-
5775MHz	Pass	PK	5.643G	67.66	68.20	-0.54	3	Horizontal	311	1.30	-
5775MHz	Pass	PK	5.7606G	113.41	Inf	-Inf	3	Horizontal	311	1.30	-
5775MHz	Pass	PK	5.991G	59.12	68.20	-9.08	3	Horizontal	311	1.30	-
5775MHz	Pass	AV	11.55G	43.95	54.00	-10.05	3	Vertical	15	1.50	-
5775MHz	Pass	AV	23.0886G	29.81	54.00	-24.19	3	Vertical	118	1.68	-
5775MHz	Pass	PK	11.51816G	57.04	74.00	-16.96	3	Vertical	15	1.50	-
5775MHz	Pass	PK	17.31556G	64.60	68.20	-3.60	3	Vertical	85	1.50	-
5775MHz	Pass	PK	23.0892G	42.56	74.00	-31.44	3	Vertical	118	1.68	-
5775MHz	Pass	AV	11.54088G	43.69	54.00	-10.31	3	Horizontal	6	1.48	-
5775MHz	Pass	AV	23.08614G	29.64	54.00	-24.36	3	Horizontal	194	2.40	-
5775MHz	Pass	PK	11.54152G	56.64	74.00	-17.36	3	Horizontal	6	1.48	-
5775MHz	Pass	PK	17.34436G	63.54	68.20	-4.66	3	Horizontal	360	1.50	-
5775MHz	Pass	PK	23.09226G	43.13	74.00	-30.87	3	Horizontal	194	2.40	-

802.11a_Nss1,(6Mbps)_4TX

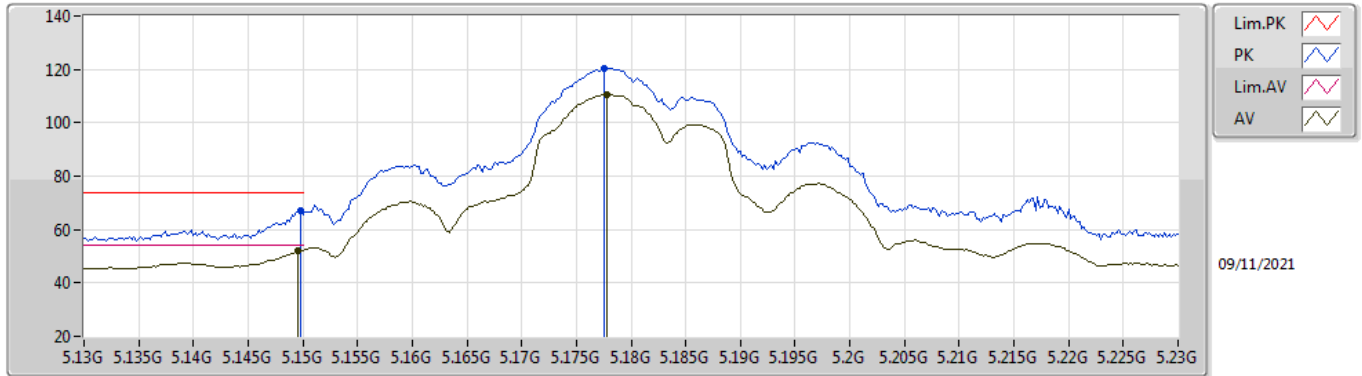
5180MHz_TX



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	49.66	54.00	-4.34	6.84	3	Vertical	355	2.81	-	42.82	31.90	9.07	34.13
AV	5.1816G	104.67	Inf	-Inf	6.72	3	Vertical	355	2.81	-	97.95	31.77	9.08	34.13
PK	5.1496G	64.40	74.00	-9.60	6.84	3	Vertical	355	2.81	-	57.56	31.90	9.07	34.13
PK	5.1816G	114.03	Inf	-Inf	6.72	3	Vertical	355	2.81	-	107.31	31.77	9.08	34.13

802.11a_Nss1,(6Mbps)_4TX

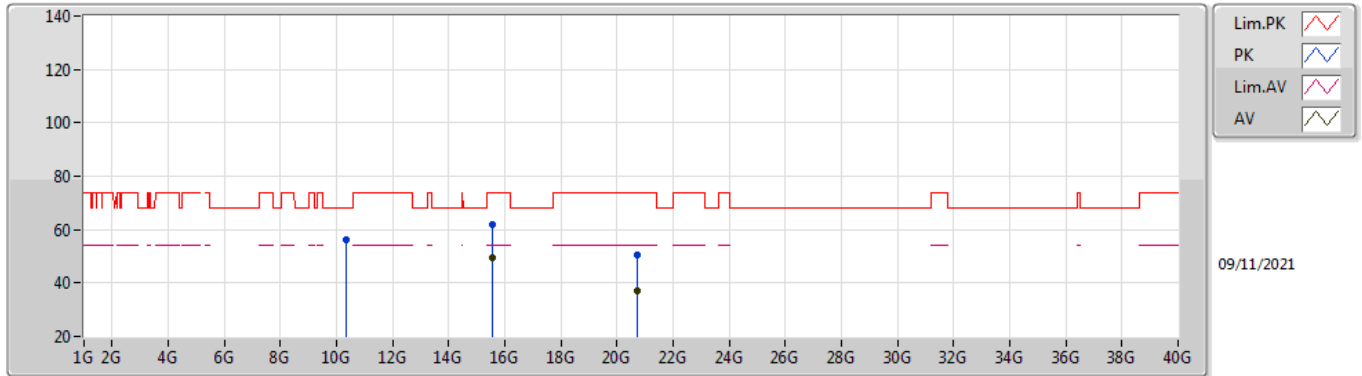
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.21	54.00	-1.79	6.84	3	Horizontal	305	2.72	-	45.37	31.90	9.07	34.13
AV	5.1778G	110.53	Inf	-Inf	6.74	3	Horizontal	305	2.72	-	103.79	31.79	9.08	34.13
PK	5.1498G	67.29	74.00	-6.71	6.84	3	Horizontal	305	2.72	-	60.45	31.90	9.07	34.13
PK	5.1776G	120.26	Inf	-Inf	6.74	3	Horizontal	305	2.72	-	113.52	31.79	9.08	34.13

802.11a_Nss1,(6Mbps)_4TX

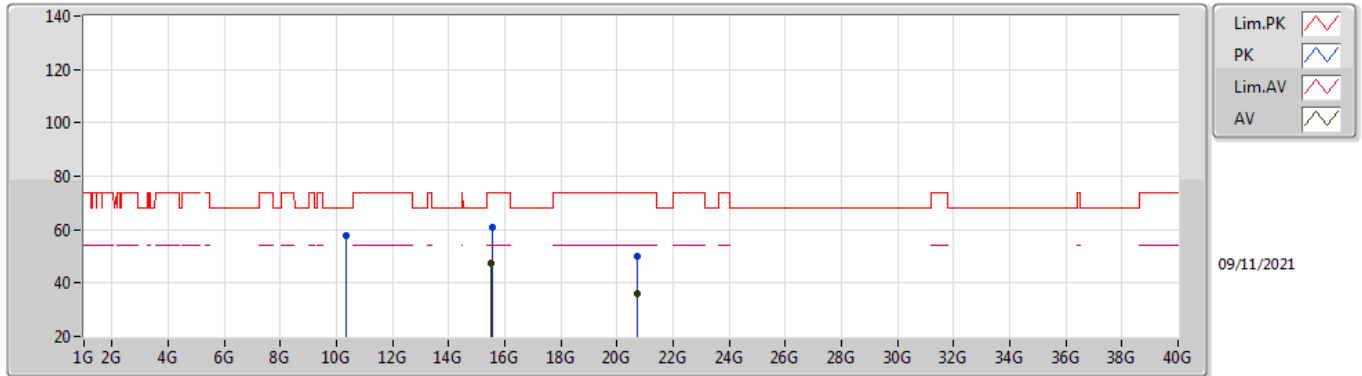
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53448G	49.28	54.00	-4.72	18.36	3	Vertical	348	1.12	-	30.92	37.99	14.80	34.43
AV	20.71692G	37.04	54.00	-16.96	-8.63	3	Vertical	14	1.26	-	45.67	38.14	16.89	54.12
PK	10.351G	56.24	68.20	-11.96	17.06	3	Vertical	11	1.40	-	39.18	39.30	12.36	34.60
PK	15.53396G	61.91	74.00	-12.09	18.37	3	Vertical	348	1.12	-	43.54	38.00	14.80	34.43
PK	20.71848G	50.70	74.00	-23.30	-8.63	3	Vertical	14	1.26	-	59.33	38.14	16.89	54.12

802.11a_Nss1,(6Mbps)_4TX

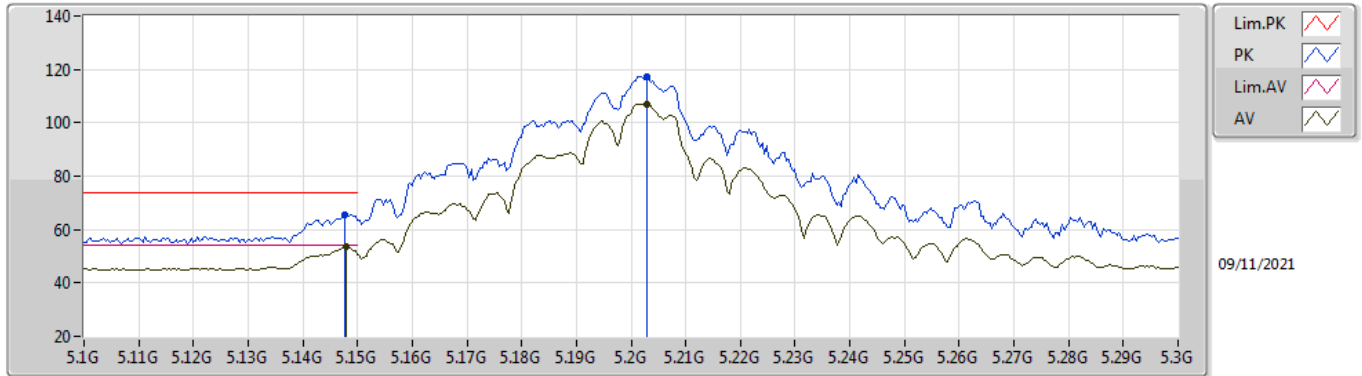
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53216G	47.57	54.00	-6.43	18.38	3	Horizontal	138	1.50	-	29.19	38.01	14.80	34.43
AV	20.71688G	36.07	54.00	-17.93	-8.63	3	Horizontal	325	1.77	-	44.70	38.14	16.89	54.12
PK	10.35632G	58.01	68.20	-10.19	17.10	3	Horizontal	310	1.87	-	40.91	39.33	12.36	34.59
PK	15.53636G	60.80	74.00	-13.20	18.35	3	Horizontal	138	1.50	-	42.45	37.98	14.80	34.43
PK	20.71636G	50.19	74.00	-23.81	-8.63	3	Horizontal	325	1.77	-	58.82	38.14	16.89	54.12

802.11a_Nss1,(6Mbps)_4TX

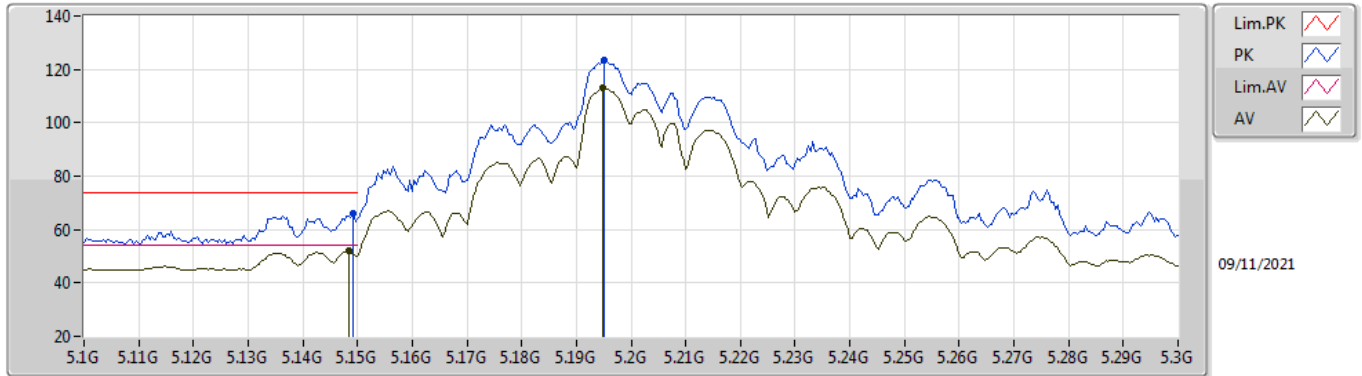
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	53.56	54.00	-0.44	6.84	3	Vertical	350	2.03	-	46.72	31.90	9.07	34.13
AV	5.2028G	107.13	Inf	-Inf	6.62	3	Vertical	350	2.03	-	100.51	31.68	9.08	34.14
PK	5.1476G	65.39	74.00	-8.61	6.84	3	Vertical	350	2.03	-	58.55	31.90	9.07	34.13
PK	5.2028G	117.45	Inf	-Inf	6.62	3	Vertical	350	2.03	-	110.83	31.68	9.08	34.14

802.11a_Nss1,(6Mbps)_4TX

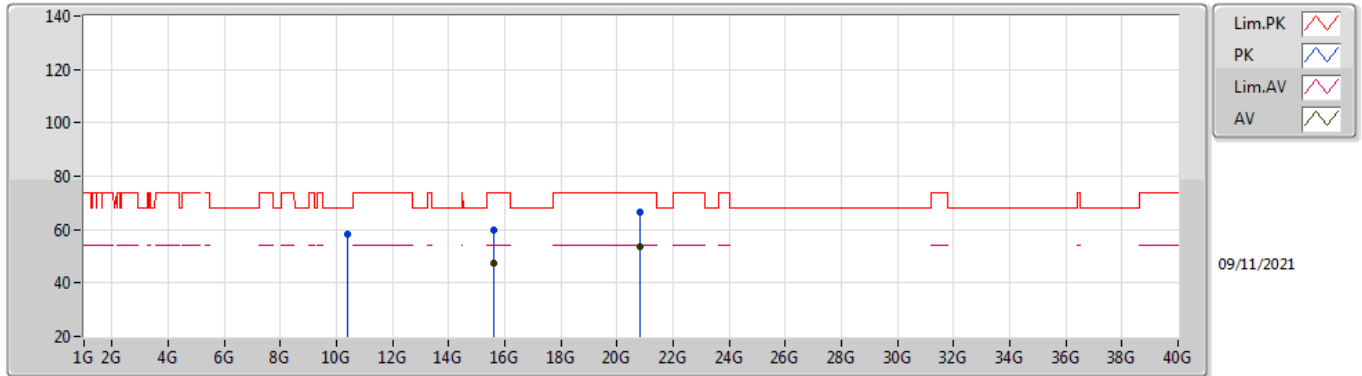
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	52.31	54.00	-1.69	6.84	3	Horizontal	300	1.01	-	45.47	31.90	9.07	34.13
AV	5.1948G	112.91	Inf	-Inf	6.66	3	Horizontal	300	1.01	-	106.25	31.72	9.08	34.14
PK	5.1492G	65.82	74.00	-8.18	6.84	3	Horizontal	300	1.01	-	58.98	31.90	9.07	34.13
PK	5.1952G	123.19	Inf	-Inf	6.66	3	Horizontal	300	1.01	-	116.53	31.72	9.08	34.14

802.11a_Nss1,(6Mbps)_4TX

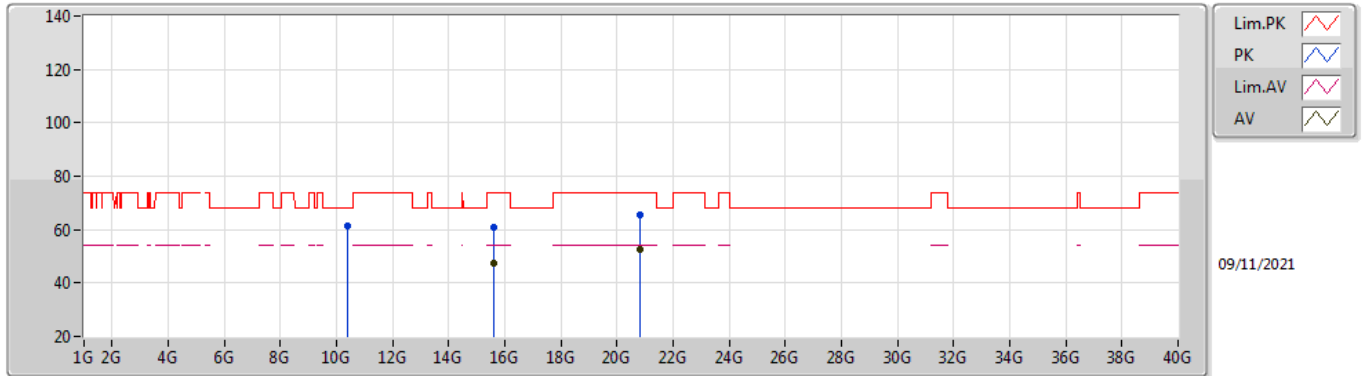
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60764G	47.27	54.00	-6.73	17.97	3	Vertical	349	1.48	-	29.30	37.61	14.83	34.47
AV	20.80584G	53.82	54.00	-0.18	-8.60	3	Vertical	7	1.33	-	62.42	38.21	16.94	54.21
PK	10.3966G	58.25	68.20	-9.95	17.31	3	Vertical	5	1.50	-	40.94	39.49	12.38	34.56
PK	15.60636G	60.01	74.00	-13.99	17.97	3	Vertical	349	1.48	-	42.04	37.61	14.83	34.47
PK	20.806G	66.33	74.00	-7.67	-8.60	3	Vertical	7	1.33	-	74.93	38.21	16.94	54.21

802.11a_Nss1,(6Mbps)_4TX

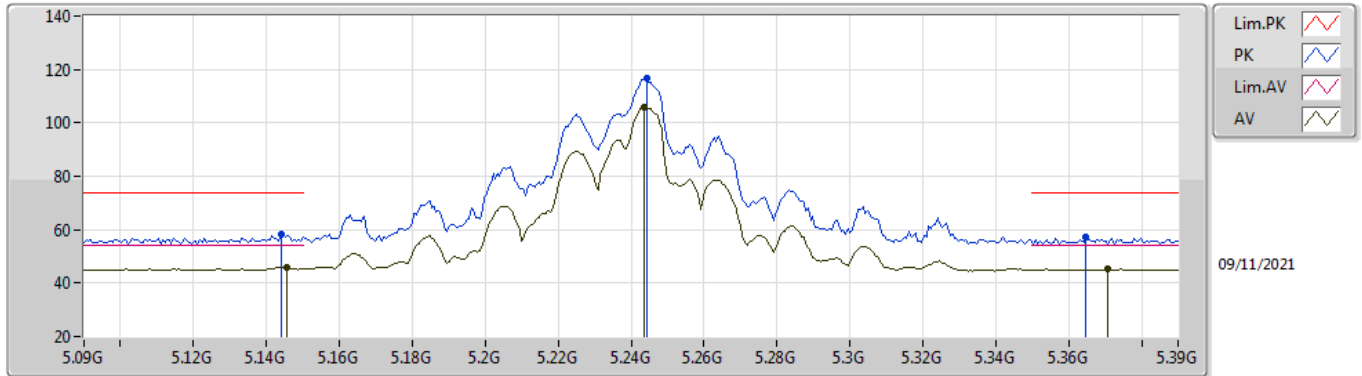
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60772G	47.28	54.00	-6.72	17.97	3	Horizontal	318	2.22	-	29.31	37.61	14.83	34.47
AV	20.806G	52.46	54.00	-1.54	-8.60	3	Horizontal	348	1.76	-	61.06	38.21	16.94	54.21
PK	10.39548G	61.16	68.20	-7.04	17.29	3	Horizontal	312	1.76	-	43.87	39.48	12.38	34.57
PK	15.59016G	60.89	74.00	-13.11	18.02	3	Horizontal	318	2.22	-	42.87	37.66	14.82	34.46
PK	20.80768G	65.30	74.00	-8.70	-8.59	3	Horizontal	348	1.76	-	73.89	38.22	16.94	54.21

802.11a_Nss1,(6Mbps)_4TX

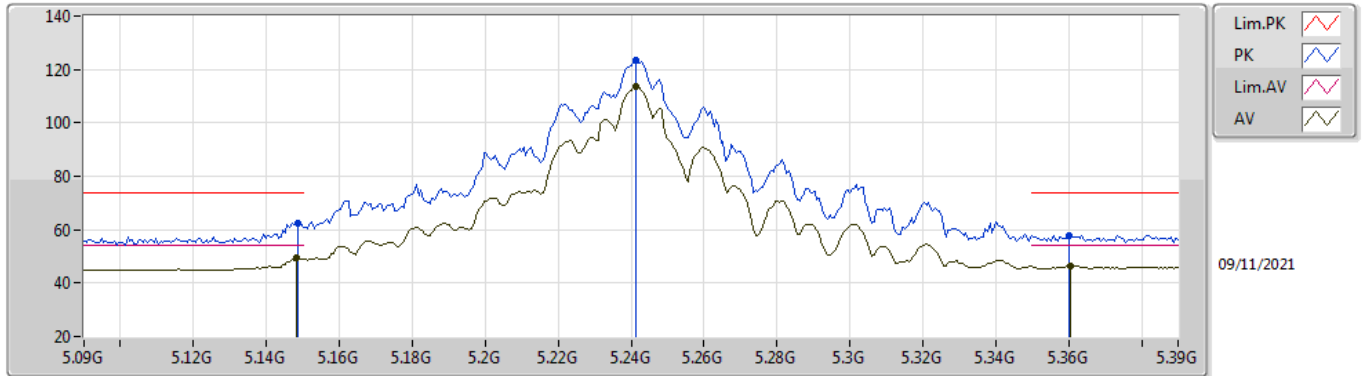
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1458G	45.88	54.00	-8.12	6.84	3	Vertical	70	2.41	-	39.04	31.90	9.07	34.13
AV	5.2436G	105.99	Inf	-Inf	6.43	3	Vertical	70	2.41	-	99.56	31.44	9.13	34.14
AV	5.3708G	45.16	54.00	-8.84	6.57	3	Vertical	70	2.41	-	38.59	31.47	9.27	34.17
PK	5.144G	58.32	74.00	-15.68	6.84	3	Vertical	70	2.41	-	51.48	31.90	9.07	34.13
PK	5.2442G	116.54	Inf	-Inf	6.42	3	Vertical	70	2.41	-	110.12	31.43	9.13	34.14
PK	5.3648G	57.28	74.00	-16.72	6.51	3	Vertical	70	2.41	-	50.77	31.42	9.26	34.17

802.11a_Nss1,(6Mbps)_4TX

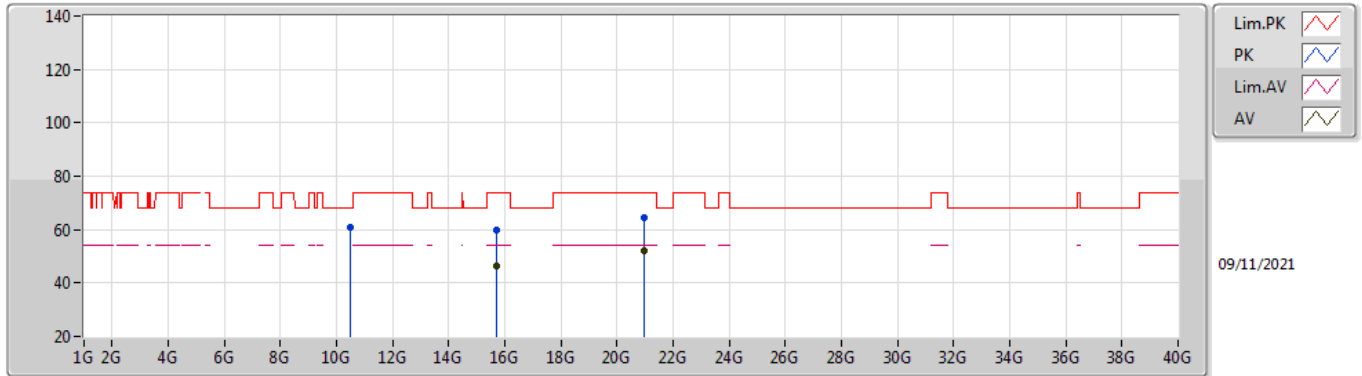
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1482G	49.30	54.00	-4.70	6.84	3	Horizontal	302	2.54	-	42.46	31.90	9.07	34.13
AV	5.2412G	113.59	Inf	-Inf	6.44	3	Horizontal	302	2.54	-	107.15	31.45	9.13	34.14
AV	5.3606G	46.37	54.00	-7.63	6.48	3	Horizontal	302	2.54	-	39.89	31.38	9.26	34.16
PK	5.1488G	62.58	74.00	-11.42	6.84	3	Horizontal	302	2.54	-	55.74	31.90	9.07	34.13
PK	5.2412G	123.29	Inf	-Inf	6.44	3	Horizontal	302	2.54	-	116.85	31.45	9.13	34.14
PK	5.36G	57.96	74.00	-16.04	6.48	3	Horizontal	302	2.54	-	51.48	31.38	9.26	34.16

802.11a_Nss1,(6Mbps)_4TX

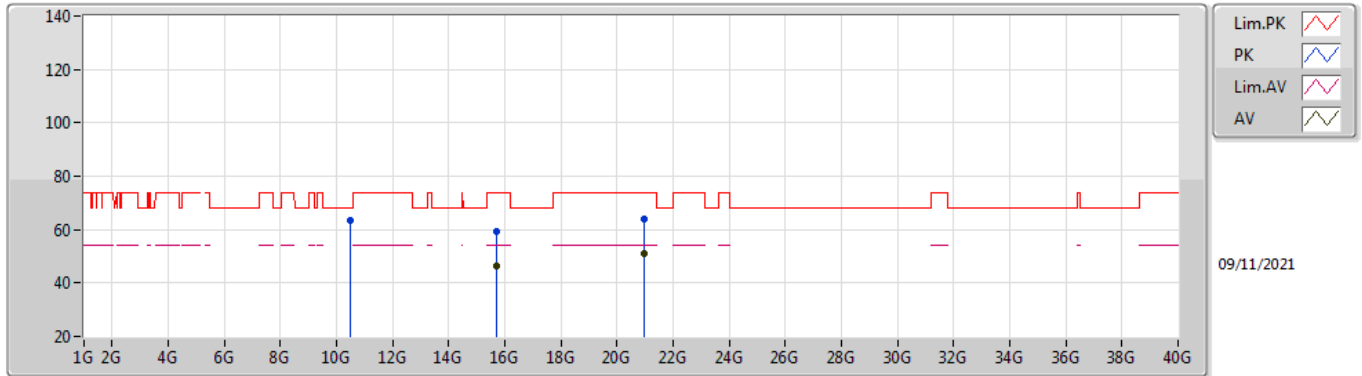
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.7188G	46.45	54.00	-7.55	17.94	3	Vertical	353	2.51	-	28.51	37.61	14.86	34.53
AV	20.96356G	51.98	54.00	-2.02	-8.35	3	Vertical	42	1.33	-	60.33	38.53	17.02	54.36
PK	10.47808G	60.74	68.20	-7.46	17.56	3	Vertical	3	1.54	-	43.18	39.66	12.41	34.51
PK	15.72136G	59.79	74.00	-14.21	17.92	3	Vertical	353	2.51	-	41.87	37.59	14.86	34.53
PK	20.96284G	64.72	74.00	-9.28	-8.35	3	Vertical	42	1.33	-	73.07	38.53	17.02	54.36

802.11a_Nss1,(6Mbps)_4TX

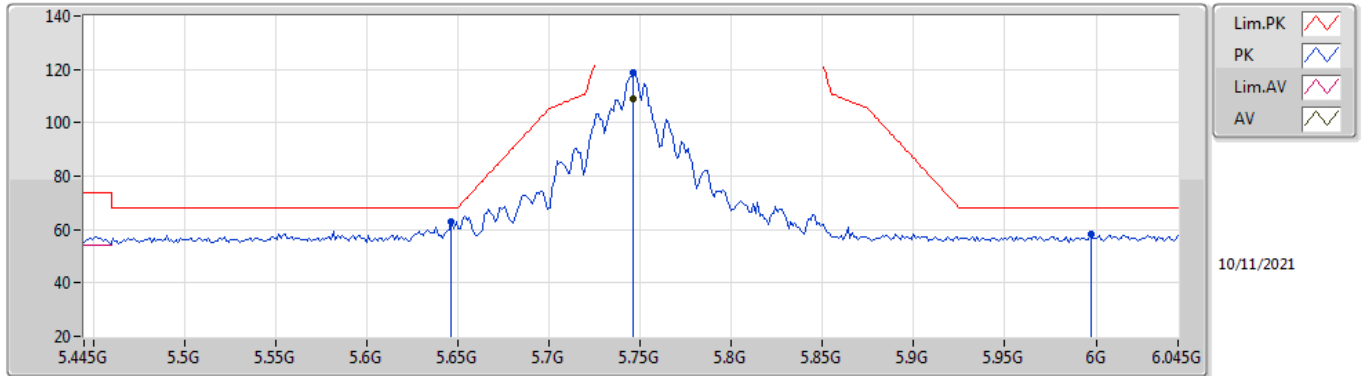
5240MHz_TX



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	15.71936G	46.14	54.00	-7.86	17.93	3	Horizontal	48	2.35	-	28.21	37.60	14.86	34.53
AV	20.96056G	50.79	54.00	-3.21	-8.36	3	Horizontal	9	1.41	-	59.15	38.52	17.02	54.36
PK	10.47684G	63.50	68.20	-4.70	17.55	3	Horizontal	312	1.75	-	45.95	39.65	12.41	34.51
PK	15.71996G	59.34	74.00	-14.66	17.93	3	Horizontal	48	2.35	-	41.41	37.60	14.86	34.53
PK	20.96032G	64.06	74.00	-9.94	-8.36	3	Horizontal	9	1.41	-	72.42	38.52	17.02	54.36

802.11a_Nss1,(6Mbps)_4TX

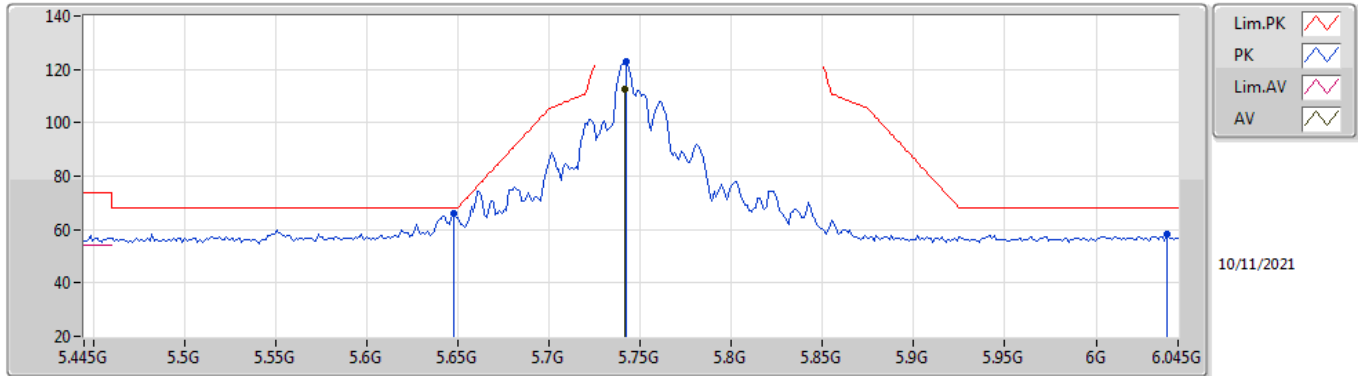
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	108.79	Inf	-Inf	7.29	3	Vertical	328	2.91	-	101.50	31.99	9.50	34.20
PK	5.6466G	62.99	68.20	-5.21	6.88	3	Vertical	328	2.91	-	56.11	31.61	9.47	34.20
PK	5.7462G	118.64	Inf	-Inf	7.29	3	Vertical	328	2.91	-	111.35	31.99	9.50	34.20
PK	5.997G	58.11	68.20	-10.09	7.96	3	Vertical	328	2.91	-	50.15	32.50	9.68	34.22

802.11a_Nss1,(6Mbps)_4TX

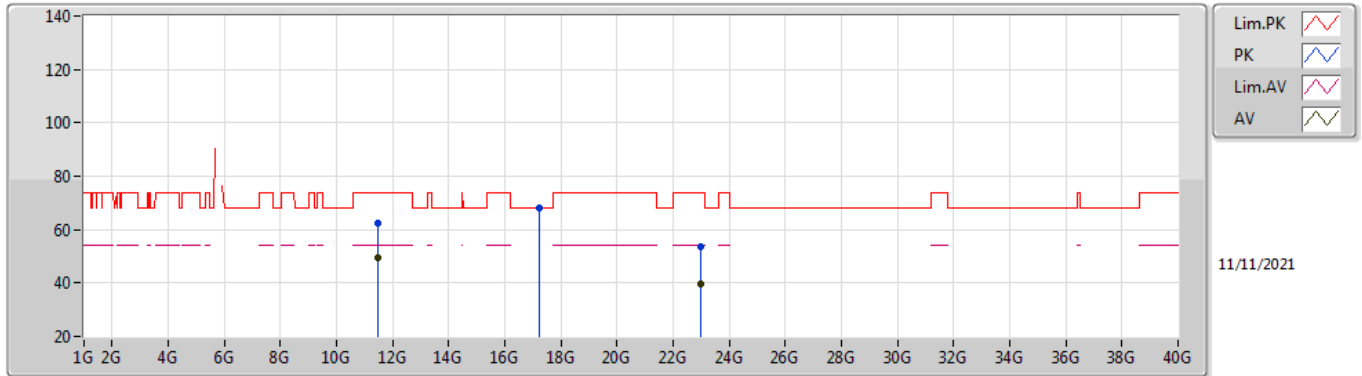
5745MHz_TX



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	5.7414G	112.83	Inf	-Inf	7.28	3	Horizontal	319	1.57	-	105.55	31.98	9.50	34.20
PK	5.6478G	66.16	68.20	-2.04	6.87	3	Horizontal	319	1.57	-	59.29	31.60	9.47	34.20
PK	5.7426G	122.89	Inf	-Inf	7.29	3	Horizontal	319	1.57	-	115.60	31.99	9.50	34.20
PK	6.039G	58.33	68.20	-9.87	7.99	3	Horizontal	319	1.57	-	50.34	32.50	9.71	34.22

802.11a_Nss1,(6Mbps)_4TX

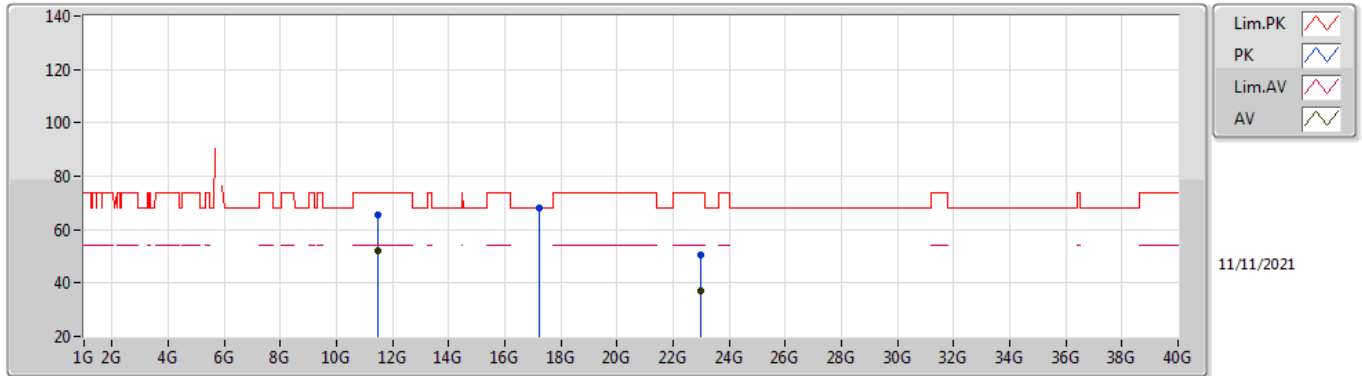
5745MHz_TX



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	11.48756G	49.23	54.00	-4.77	18.85	3	Vertical	351	1.50	-	30.38	40.08	12.83	34.06
AV	22.9731G	39.46	54.00	-14.54	-8.37	3	Vertical	360	1.67	-	47.83	39.57	17.86	56.26
PK	11.487G	62.37	74.00	-11.63	18.84	3	Vertical	351	1.50	-	43.53	40.07	12.83	34.06
PK	17.24116G	68.03	68.20	-0.17	21.95	3	Vertical	324	1.38	-	46.08	39.54	15.68	33.27
PK	22.97238G	53.73	74.00	-20.27	-8.37	3	Vertical	360	1.67	-	62.10	39.57	17.86	56.26

802.11a_Nss1,(6Mbps)_4TX

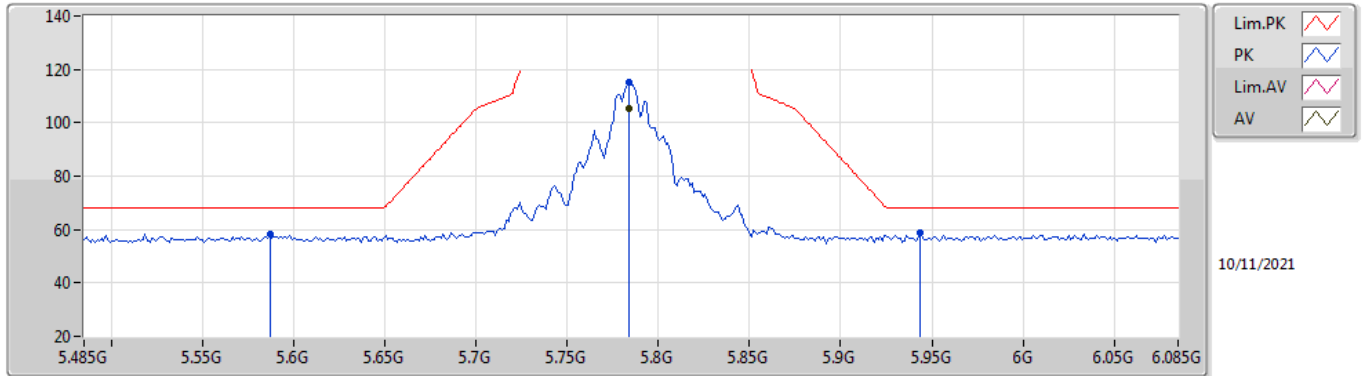
5745MHz_TX



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	11.48996G	52.12	54.00	-1.88	18.86	3	Horizontal	307	2.26	-	33.26	40.08	12.84	34.06
AV	22.98582G	37.16	54.00	-16.84	-8.38	3	Horizontal	26	1.63	-	45.54	39.58	17.86	56.28
PK	11.49056G	65.36	74.00	-8.64	18.86	3	Horizontal	307	2.26	-	46.50	40.08	12.84	34.06
PK	17.2342G	68.01	68.20	-0.19	21.93	3	Horizontal	330	2.73	-	46.08	39.53	15.67	33.27
PK	22.98768G	50.64	74.00	-23.36	-8.37	3	Horizontal	26	1.63	-	59.01	39.59	17.86	56.28

802.11a_Nss1,(6Mbps)_4TX

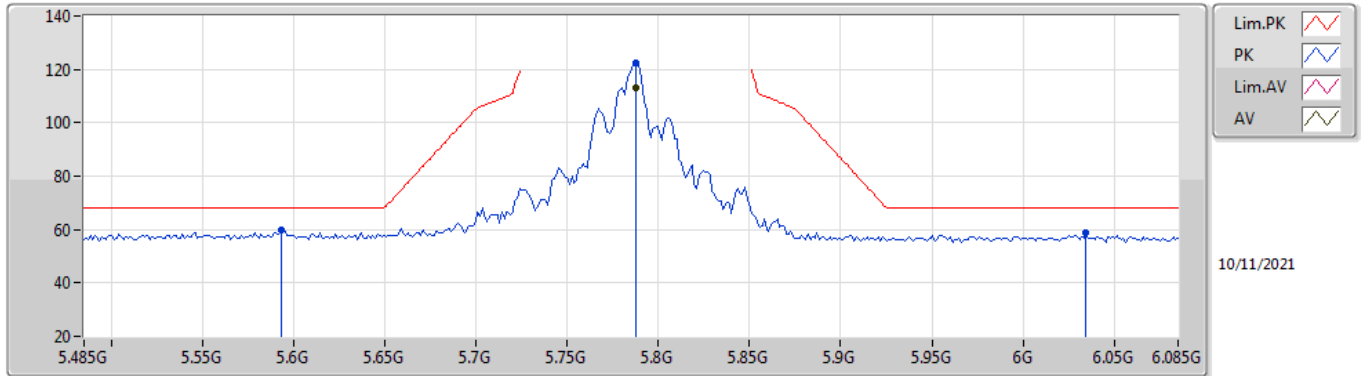
5785MHz_TX



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	105.52	Inf	-Inf	7.38	3	Vertical	322	2.90	-	98.14	32.07	9.52	34.21
PK	5.587G	58.53	68.20	-9.67	6.98	3	Vertical	322	2.90	-	51.55	31.73	9.45	34.20
PK	5.7838G	115.21	Inf	-Inf	7.38	3	Vertical	322	2.90	-	107.83	32.07	9.52	34.21
PK	5.9434G	58.87	68.20	-9.33	7.91	3	Vertical	322	2.90	-	50.96	32.50	9.63	34.22

802.11a_Nss1,(6Mbps)_4TX

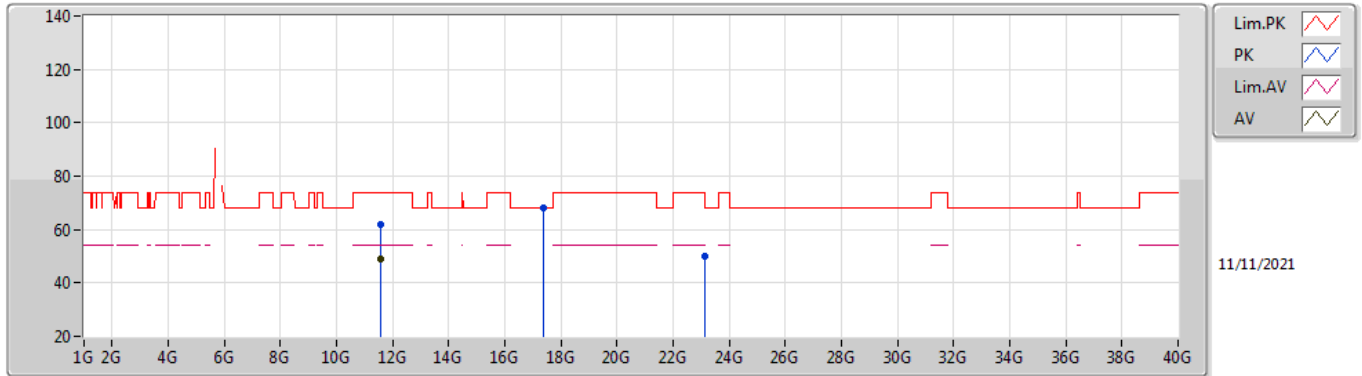
5785MHz_TX



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	5.7874G	113.14	Inf	-Inf	7.38	3	Horizontal	316	1.00	-	105.76	32.07	9.52	34.21
PK	5.593G	60.03	68.20	-8.17	6.96	3	Horizontal	316	1.00	-	53.07	31.71	9.45	34.20
PK	5.7874G	122.51	Inf	-Inf	7.38	3	Horizontal	316	1.00	-	115.13	32.07	9.52	34.21
PK	6.0346G	58.55	68.20	-9.65	7.99	3	Horizontal	316	1.00	-	50.56	32.50	9.71	34.22

802.11a_Nss1,(6Mbps)_4TX

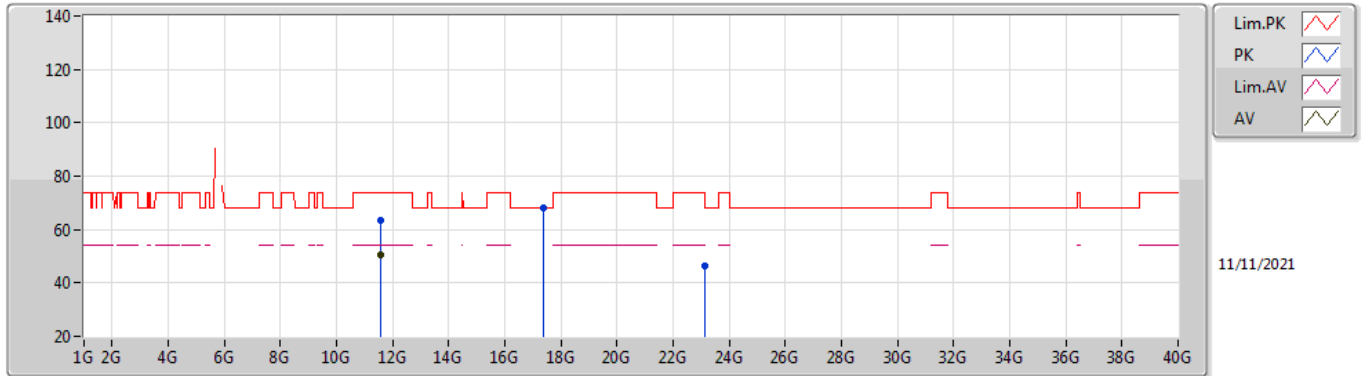
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56804G	48.81	54.00	-5.19	18.67	3	Vertical	11	1.50	-	30.14	39.90	12.87	34.10
PK	11.56816G	61.71	74.00	-12.29	18.67	3	Vertical	11	1.50	-	43.04	39.90	12.87	34.10
PK	17.36388G	68.02	68.20	-0.18	22.75	3	Vertical	0	2.71	-	45.27	40.24	15.75	33.24
PK	23.13226G	50.18	68.20	-18.02	-8.15	3	Vertical	360	1.71	-	58.33	39.81	17.91	56.33

802.11a_Nss1,(6Mbps)_4TX

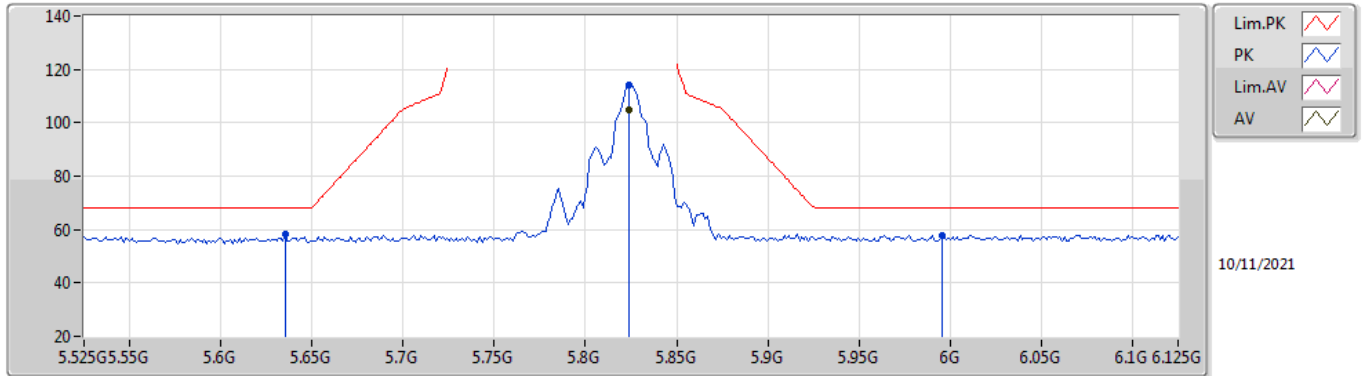
5785MHz_TX



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	11.56592G	50.57	54.00	-3.43	18.67	3	Horizontal	284	1.65	-	31.90	39.90	12.87	34.10
PK	11.56804G	63.37	74.00	-10.63	18.67	3	Horizontal	284	1.65	-	44.70	39.90	12.87	34.10
PK	17.36088G	67.86	68.20	-0.34	22.72	3	Horizontal	330	2.75	-	45.14	40.21	15.75	33.24
PK	23.14288G	46.20	68.20	-22.00	-8.13	3	Horizontal	347	1.74	-	54.33	39.83	17.91	56.33

802.11a_Nss1,(6Mbps)_4TX

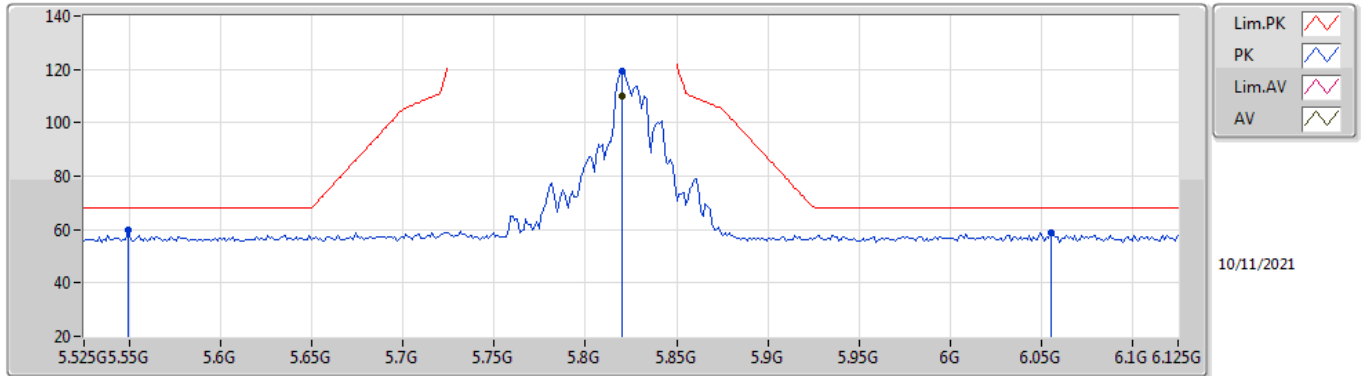
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8238G	104.95	Inf	-Inf	7.53	3	Vertical	356	3.00	-	97.42	32.20	9.54	34.21
PK	5.6354G	58.21	68.20	-9.99	6.90	3	Vertical	356	3.00	-	51.31	31.63	9.47	34.20
PK	5.8238G	114.35	Inf	-Inf	7.53	3	Vertical	356	3.00	-	106.82	32.20	9.54	34.21
PK	5.9954G	57.91	68.20	-10.29	7.96	3	Vertical	356	3.00	-	49.95	32.50	9.68	34.22

802.11a_Nss1,(6Mbps)_4TX

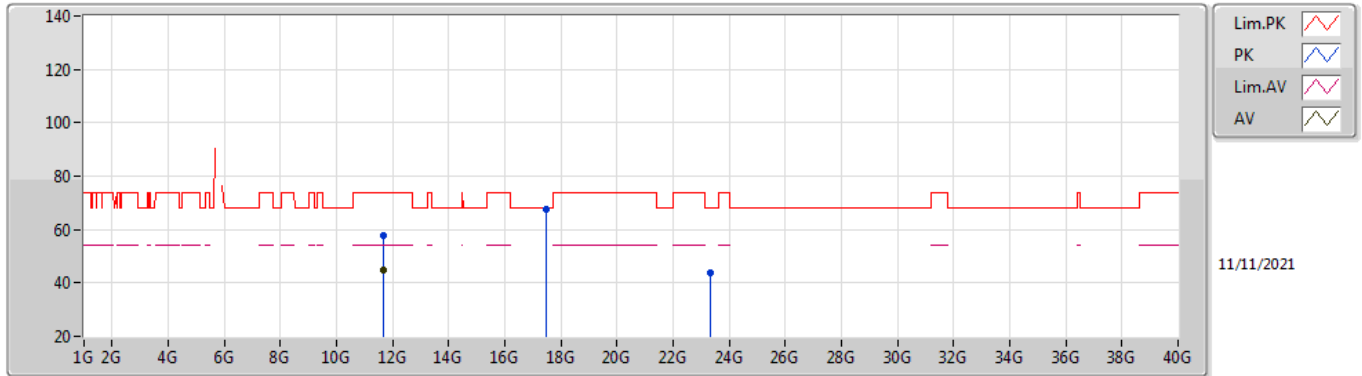
5825MHz_TX



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	5.8202G	109.83	Inf	-Inf	7.51	3	Horizontal	324	2.52	-	102.32	32.18	9.54	34.21
PK	5.549G	59.60	68.20	-8.60	7.03	3	Horizontal	324	2.52	-	52.57	31.80	9.42	34.19
PK	5.8202G	119.27	Inf	-Inf	7.51	3	Horizontal	324	2.52	-	111.76	32.18	9.54	34.21
PK	6.0554G	58.92	68.20	-9.28	7.99	3	Horizontal	324	2.52	-	50.93	32.49	9.72	34.22

802.11a_Nss1,(6Mbps)_4TX

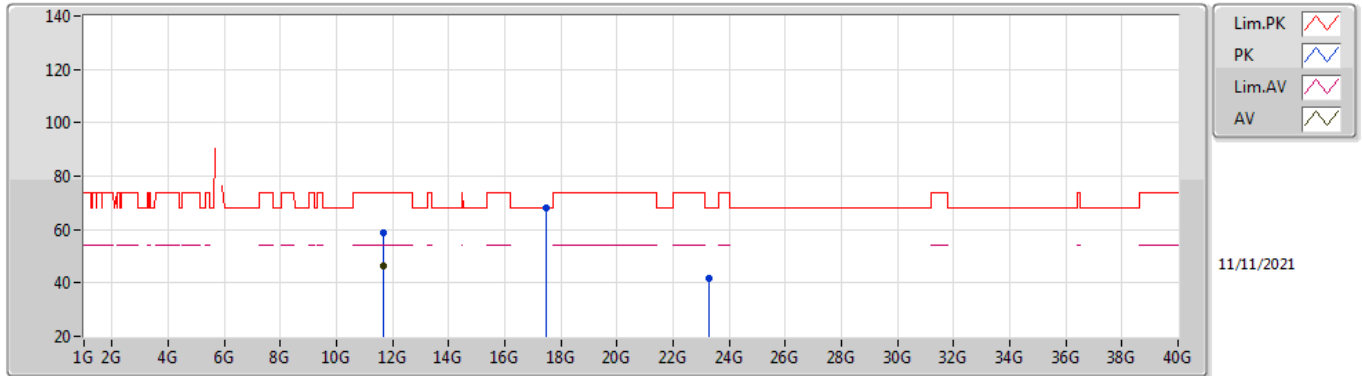
5825MHz_TX



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	11.64756G	44.87	54.00	-9.13	18.27	3	Vertical	10	1.50	-	26.60	39.51	12.90	34.14
PK	11.64812G	57.52	74.00	-16.48	18.27	3	Vertical	10	1.50	-	39.25	39.51	12.90	34.14
PK	17.47896G	67.41	68.20	-0.79	23.45	3	Vertical	355	3.00	-	43.96	40.84	15.82	33.21
PK	23.312G	43.80	68.20	-24.40	-8.01	3	Vertical	360	1.74	-	51.81	39.93	17.96	56.36

802.11a_Nss1,(6Mbps)_4TX

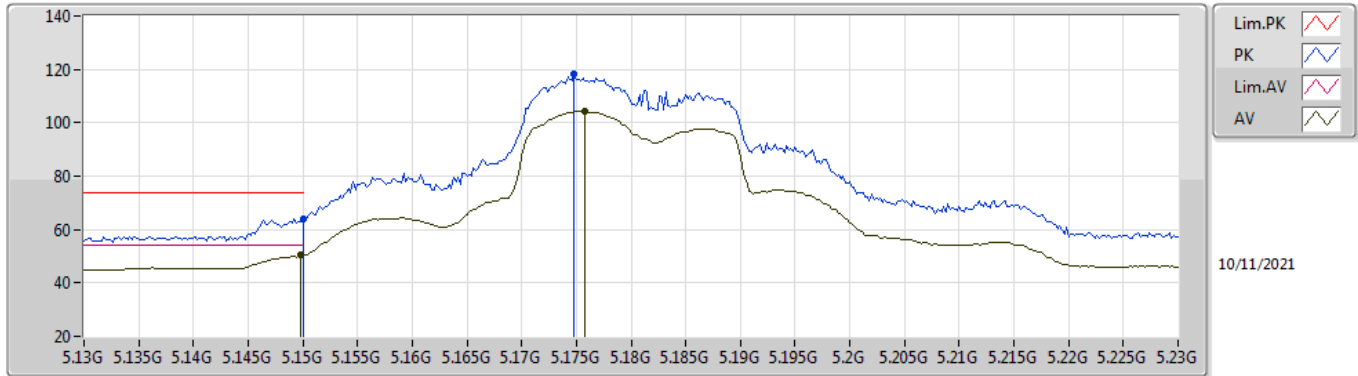
5825MHz_TX



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	11.65012G	46.45	54.00	-7.55	18.26	3	Horizontal	290	1.70	-	28.19	39.50	12.90	34.14
PK	11.65072G	58.81	74.00	-15.19	18.26	3	Horizontal	290	1.70	-	40.55	39.50	12.90	34.14
PK	17.47856G	67.97	68.20	-0.23	23.44	3	Horizontal	1	2.81	-	44.53	40.84	15.81	33.21
PK	23.30132G	41.90	68.20	-26.30	-8.00	3	Horizontal	356	1.90	-	49.90	39.94	17.96	56.36

802.11ax HEW20_Nss1,(MCS0)_4TX

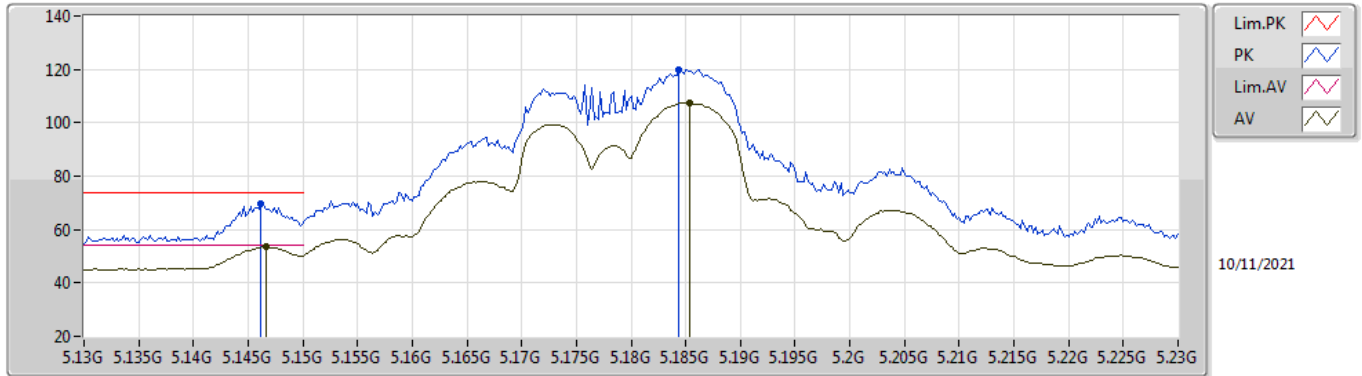
5180MHz_TX



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	5.1498G	50.32	54.00	-3.68	6.84	3	Vertical	326	2.94	-	43.48	31.90	9.07	34.13
AV	5.1758G	104.47	Inf	-Inf	6.75	3	Vertical	326	2.94	-	97.72	31.80	9.08	34.13
PK	5.15G	63.74	74.00	-10.26	6.84	3	Vertical	326	2.94	-	56.90	31.90	9.07	34.13
PK	5.1748G	118.11	Inf	-Inf	6.75	3	Vertical	326	2.94	-	111.36	31.80	9.08	34.13

802.11ax HEW20_Nss1,(MCS0)_4TX

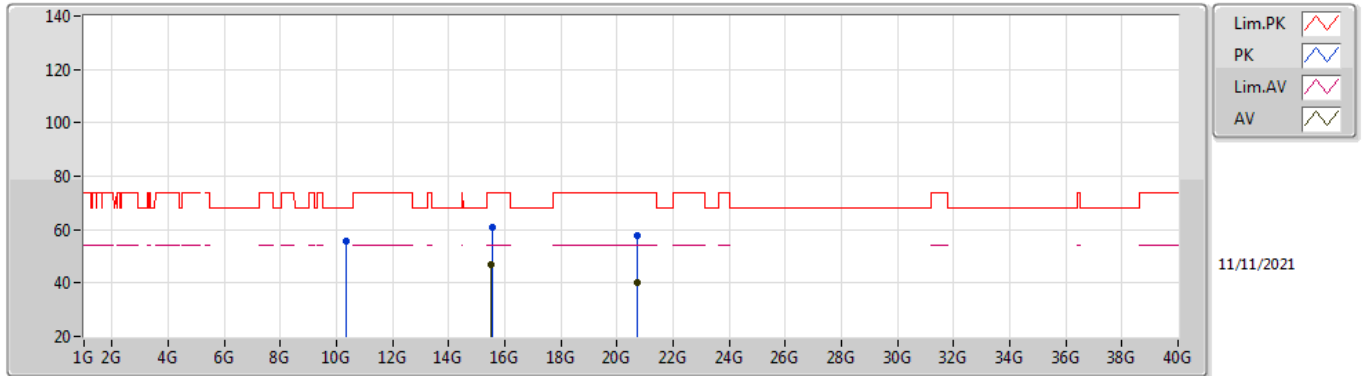
5180MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1466G	53.74	54.00	-0.26	6.84	3	Horizontal	316	1.49	-	46.90	31.90	9.07	34.13
AV	5.1854G	107.35	Inf	-Inf	6.71	3	Horizontal	316	1.49	-	100.64	31.76	9.08	34.13
PK	5.1462G	69.89	74.00	-4.11	6.84	3	Horizontal	316	1.49	-	63.05	31.90	9.07	34.13
PK	5.1844G	119.96	Inf	-Inf	6.71	3	Horizontal	316	1.49	-	113.25	31.76	9.08	34.13

802.11ax HEW20_Nss1,(MCS0)_4TX

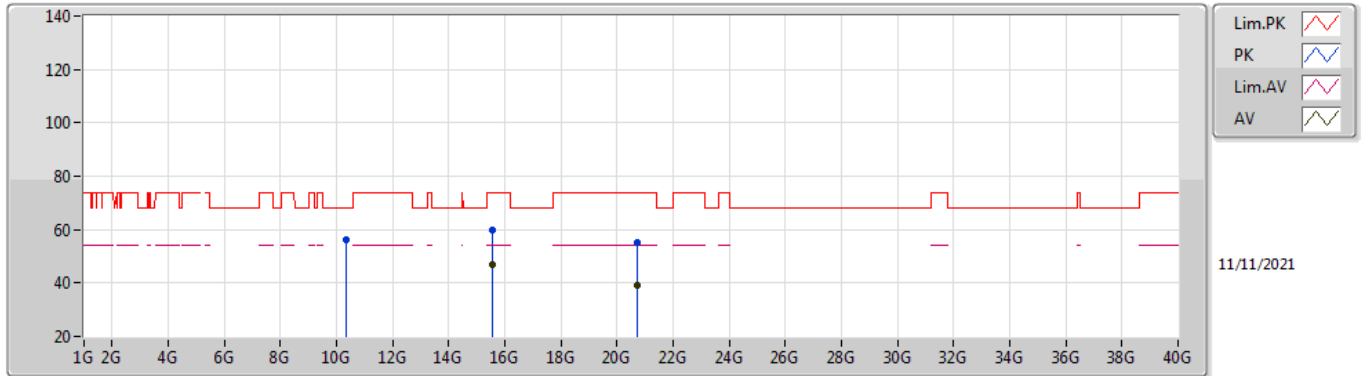
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53076G	46.90	54.00	-7.10	18.39	3	Vertical	218	1.01	-	28.51	38.02	14.80	34.43
AV	20.71754G	39.96	54.00	-14.04	-8.63	3	Vertical	17	1.21	-	48.59	38.14	16.89	54.12
PK	10.35636G	55.93	68.20	-12.27	17.10	3	Vertical	14	1.36	-	38.83	39.33	12.36	34.59
PK	15.54748G	60.77	74.00	-13.23	18.29	3	Vertical	218	1.01	-	42.48	37.92	14.81	34.44
PK	20.7176G	57.57	74.00	-16.43	-8.63	3	Vertical	17	1.21	-	66.20	38.14	16.89	54.12

802.11ax HEW20_Nss1,(MCS0)_4TX

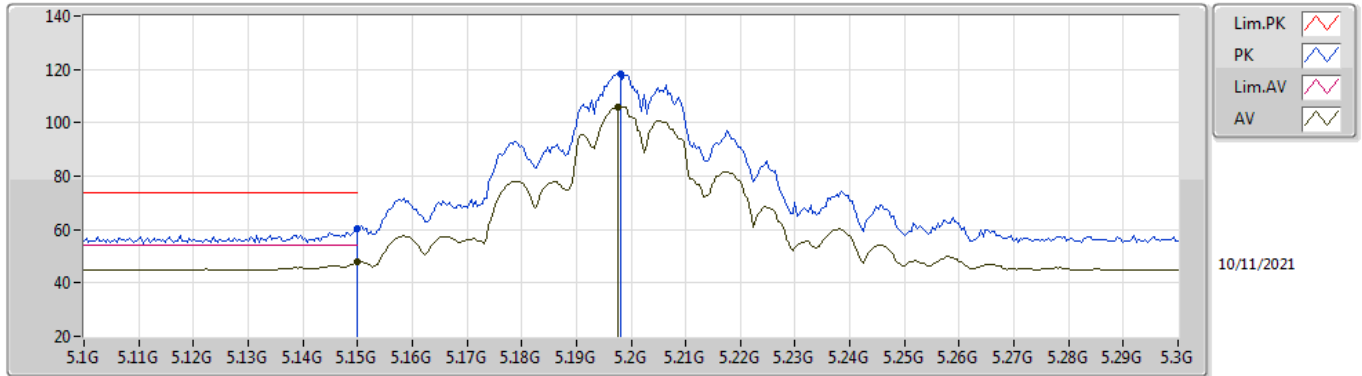
5180MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.53344G	46.96	54.00	-7.04	18.37	3	Horizontal	179	1.91	-	28.59	38.00	14.80	34.43
AV	20.71784G	39.04	54.00	-14.96	-8.63	3	Horizontal	8	1.54	-	47.67	38.14	16.89	54.12
PK	10.35696G	56.37	68.20	-11.83	17.10	3	Horizontal	305	1.76	-	39.27	39.33	12.36	34.59
PK	15.54592G	60.01	74.00	-13.99	18.29	3	Horizontal	179	1.91	-	41.72	37.92	14.81	34.44
PK	20.71766G	55.08	74.00	-18.92	-8.63	3	Horizontal	8	1.54	-	63.71	38.14	16.89	54.12

802.11ax HEW20_Nss1,(MCS0)_4TX

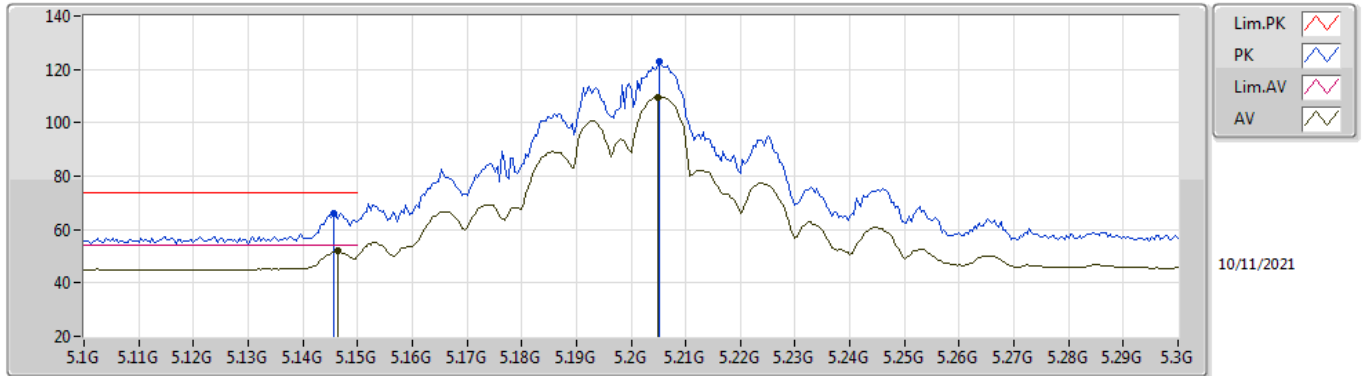
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	47.74	54.00	-6.26	6.84	3	Vertical	351	2.10	-	40.90	31.90	9.07	34.13
AV	5.1976G	105.99	Inf	-Inf	6.65	3	Vertical	351	2.10	-	99.34	31.71	9.08	34.14
PK	5.15G	60.39	74.00	-13.61	6.84	3	Vertical	351	2.10	-	53.55	31.90	9.07	34.13
PK	5.198G	118.15	Inf	-Inf	6.65	3	Vertical	351	2.10	-	111.50	31.71	9.08	34.14

802.11ax HEW20_Nss1,(MCS0)_4TX

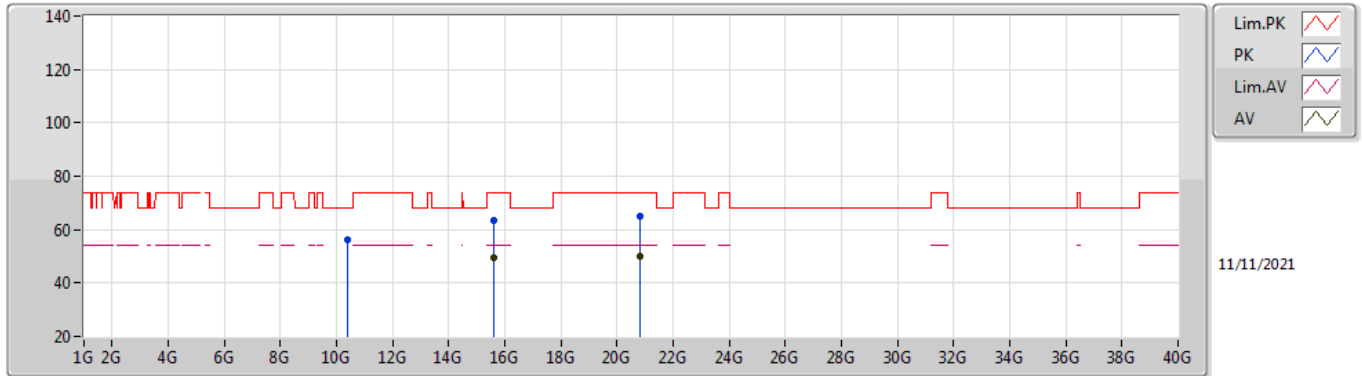
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	51.89	54.00	-2.11	6.84	3	Horizontal	317	1.50	-	45.05	31.90	9.07	34.13
AV	5.2048G	109.68	Inf	-Inf	6.62	3	Horizontal	317	1.50	-	103.06	31.67	9.09	34.14
PK	5.1456G	66.16	74.00	-7.84	6.84	3	Horizontal	317	1.50	-	59.32	31.90	9.07	34.13
PK	5.2052G	122.78	Inf	-Inf	6.62	3	Horizontal	317	1.50	-	116.16	31.67	9.09	34.14

802.11ax HEW20_Nss1,(MCS0)_4TX

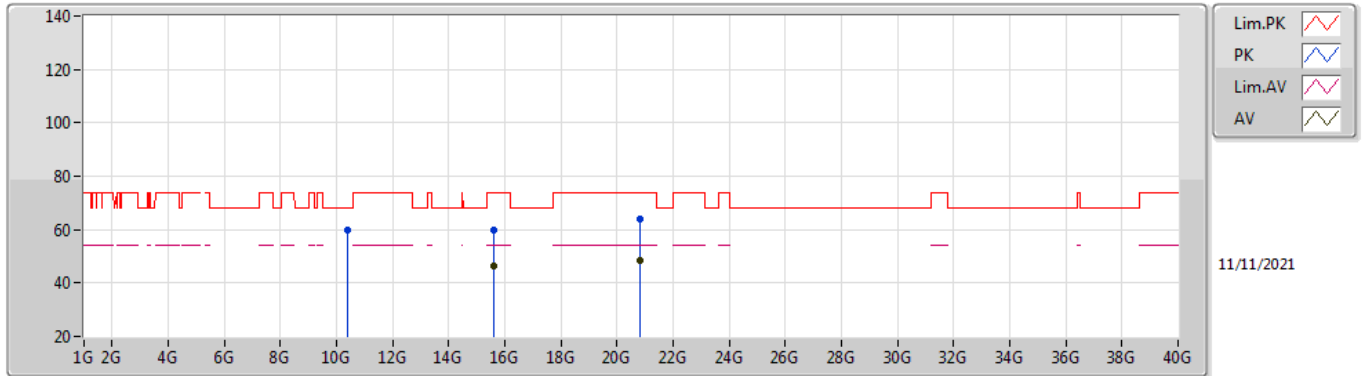
5200MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59972G	49.39	54.00	-4.61	17.95	3	Vertical	351	2.43	-	31.44	37.60	14.82	34.47
AV	20.79574G	50.10	54.00	-3.90	-8.62	3	Vertical	6	1.31	-	58.72	38.19	16.93	54.20
PK	10.39728G	56.45	68.20	-11.75	17.31	3	Vertical	4	1.50	-	39.14	39.49	12.38	34.56
PK	15.59944G	63.59	74.00	-10.41	17.95	3	Vertical	351	2.43	-	45.64	37.60	14.82	34.47
PK	20.7976G	65.17	74.00	-8.83	-8.61	3	Vertical	6	1.31	-	73.78	38.20	16.93	54.20

802.11ax HEW20_Nss1,(MCS0)_4TX

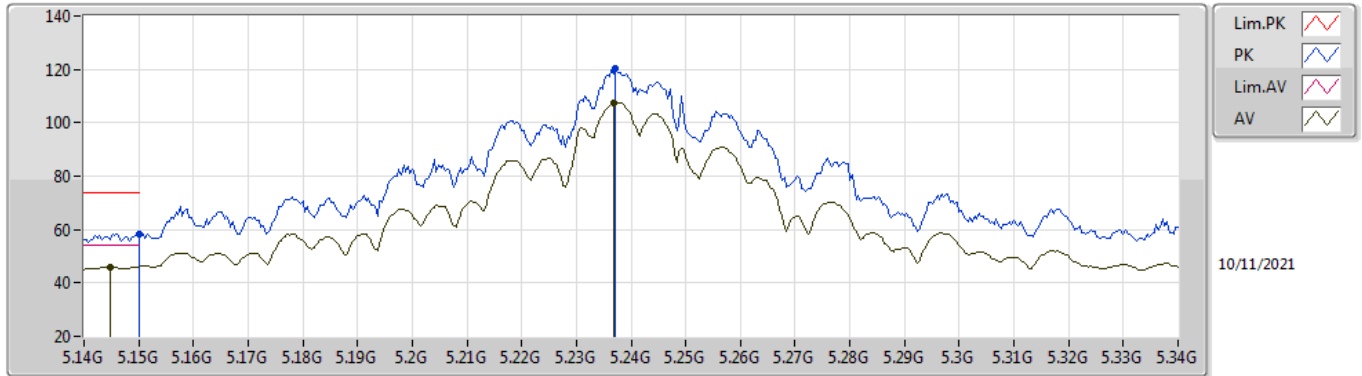
5200MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.60152G	46.29	54.00	-7.71	17.95	3	Horizontal	33	1.08	-	28.34	37.60	14.82	34.47
AV	20.79748G	48.67	54.00	-5.33	-8.62	3	Horizontal	360	1.84	-	57.29	38.19	16.93	54.20
PK	10.39616G	59.69	68.20	-8.51	17.30	3	Horizontal	304	1.79	-	42.39	39.48	12.38	34.56
PK	15.6042G	59.91	74.00	-14.09	17.96	3	Horizontal	33	1.08	-	41.95	37.60	14.83	34.47
PK	20.7979G	64.21	74.00	-9.79	-8.61	3	Horizontal	360	1.84	-	72.82	38.20	16.93	54.20

802.11ax HEW20_Nss1,(MCS0)_4TX

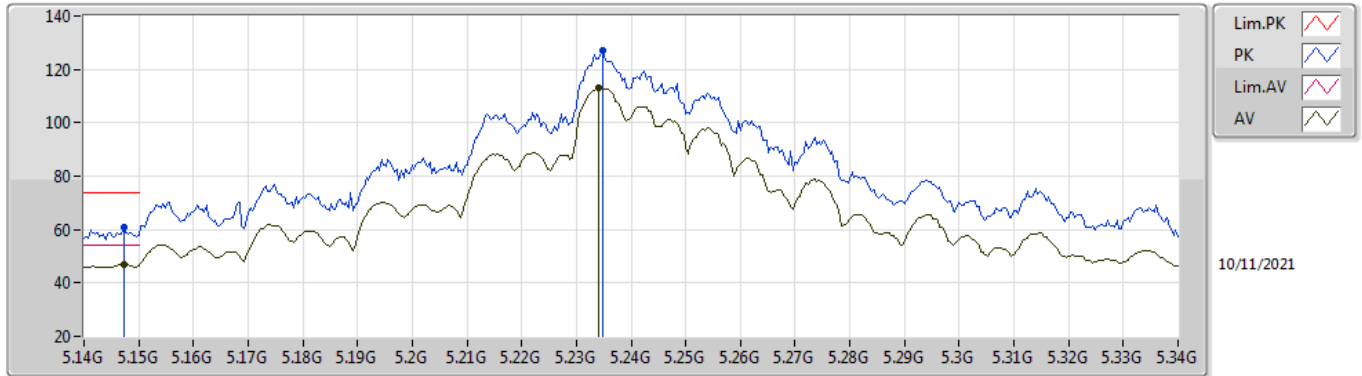
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	46.06	54.00	-7.94	6.84	3	Vertical	2	2.62	-	39.22	31.90	9.07	34.13
AV	5.2368G	107.58	Inf	-Inf	6.46	3	Vertical	2	2.62	-	101.12	31.48	9.12	34.14
PK	5.15G	58.26	74.00	-15.74	6.84	3	Vertical	2	2.62	-	51.42	31.90	9.07	34.13
PK	5.2372G	120.42	Inf	-Inf	6.46	3	Vertical	2	2.62	-	113.96	31.48	9.12	34.14

802.11ax HEW20_Nss1,(MCS0)_4TX

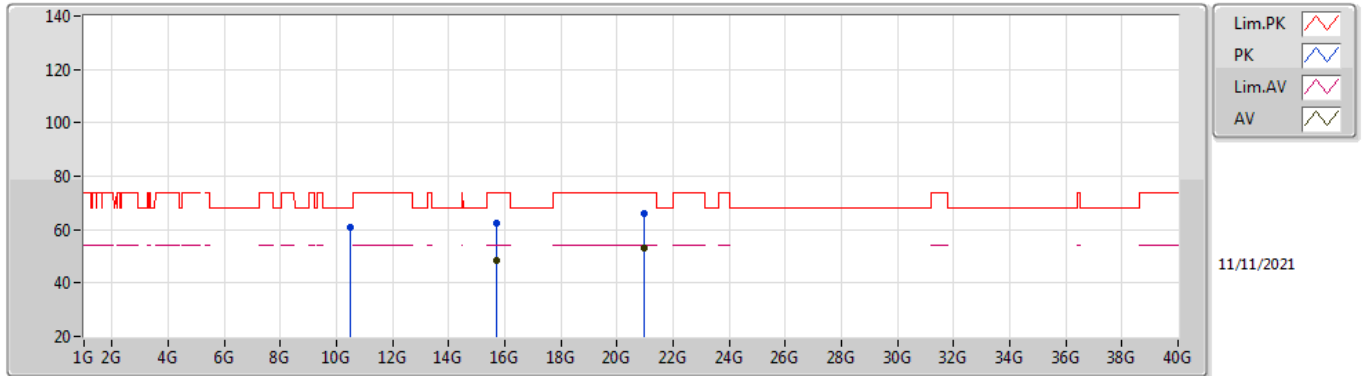
5240MHz_TX



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	5.1472G	47.09	54.00	-6.91	6.84	3	Horizontal	310	2.81	-	40.25	31.90	9.07	34.13
AV	5.234G	113.19	Inf	-Inf	6.48	3	Horizontal	310	2.81	-	106.71	31.50	9.12	34.14
PK	5.1472G	60.93	74.00	-13.07	6.84	3	Horizontal	310	2.81	-	54.09	31.90	9.07	34.13
PK	5.2348G	127.20	Inf	-Inf	6.47	3	Horizontal	310	2.81	-	120.73	31.49	9.12	34.14

802.11ax HEW20_Nss1,(MCS0)_4TX

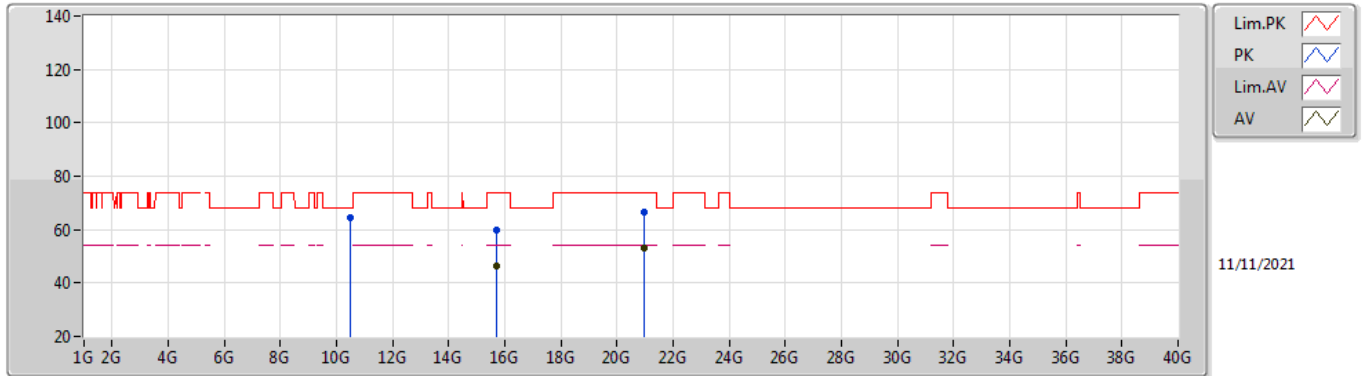
5240MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.71456G	48.59	54.00	-5.41	17.96	3	Vertical	351	1.49	-	30.63	37.63	14.86	34.53
AV	20.96258G	53.25	54.00	-0.75	-8.35	3	Vertical	0	1.80	-	61.60	38.53	17.02	54.36
PK	10.47748G	60.70	68.20	-7.50	17.55	3	Vertical	4	1.52	-	43.15	39.65	12.41	34.51
PK	15.71356G	62.17	74.00	-11.83	17.96	3	Vertical	351	1.49	-	44.21	37.63	14.86	34.53
PK	20.963G	65.90	74.00	-8.10	-8.35	3	Vertical	0	1.80	-	74.25	38.53	17.02	54.36

802.11ax HEW20_Nss1,(MCS0)_4TX

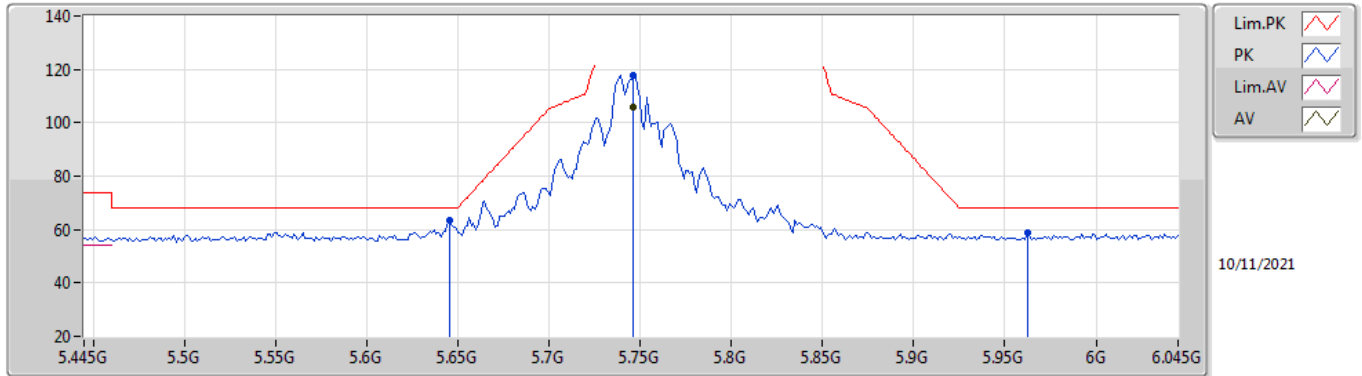
5240MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.72472G	46.59	54.00	-7.41	17.90	3	Horizontal	50	2.32	-	28.69	37.58	14.86	34.54
AV	20.95496G	53.17	54.00	-0.83	-8.36	3	Horizontal	0	1.88	-	61.53	38.51	17.02	54.35
PK	10.47764G	64.43	68.20	-3.77	17.56	3	Horizontal	307	1.67	-	46.87	39.66	12.41	34.51
PK	15.7162G	59.76	74.00	-14.24	17.95	3	Horizontal	50	2.32	-	41.81	37.62	14.86	34.53
PK	20.95538G	66.53	74.00	-7.47	-8.37	3	Horizontal	0	1.88	-	74.90	38.51	17.02	54.36

802.11ax HEW20_Nss1,(MCS0)_4TX

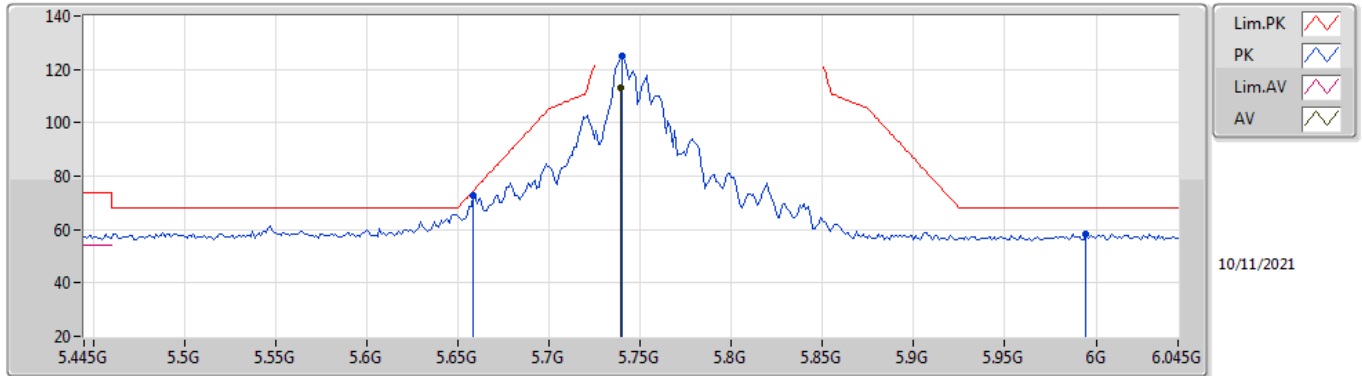
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	106.09	Inf	-Inf	7.29	3	Vertical	341	2.95	-	98.80	31.99	9.50	34.20
PK	5.6454G	63.42	68.20	-4.78	6.88	3	Vertical	341	2.95	-	56.54	31.61	9.47	34.20
PK	5.7462G	117.68	Inf	-Inf	7.29	3	Vertical	341	2.95	-	110.39	31.99	9.50	34.20
PK	5.9622G	58.65	68.20	-9.55	7.93	3	Vertical	341	2.95	-	50.72	32.50	9.65	34.22

802.11ax HEW20_Nss1,(MCS0)_4TX

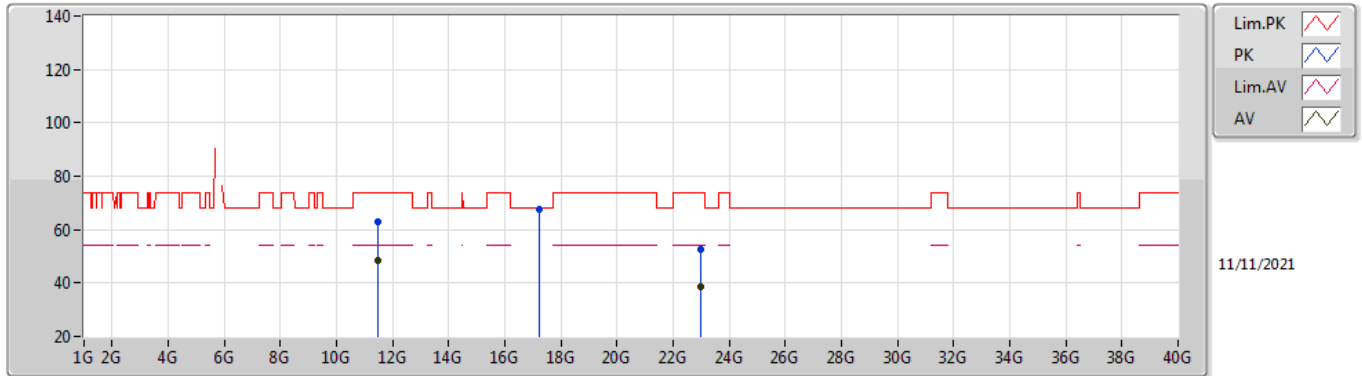
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.739G	112.96	Inf	-Inf	7.28	3	Horizontal	296	1.84	-	105.68	31.98	9.50	34.20
PK	5.6586G	72.63	74.56	-1.93	6.93	3	Horizontal	296	1.84	-	65.70	31.65	9.48	34.20
PK	5.7402G	124.91	Inf	-Inf	7.28	3	Horizontal	296	1.84	-	117.63	31.98	9.50	34.20
PK	5.9946G	58.46	68.20	-9.74	7.96	3	Horizontal	296	1.84	-	50.50	32.50	9.68	34.22

802.11ax HEW20_Nss1,(MCS0)_4TX

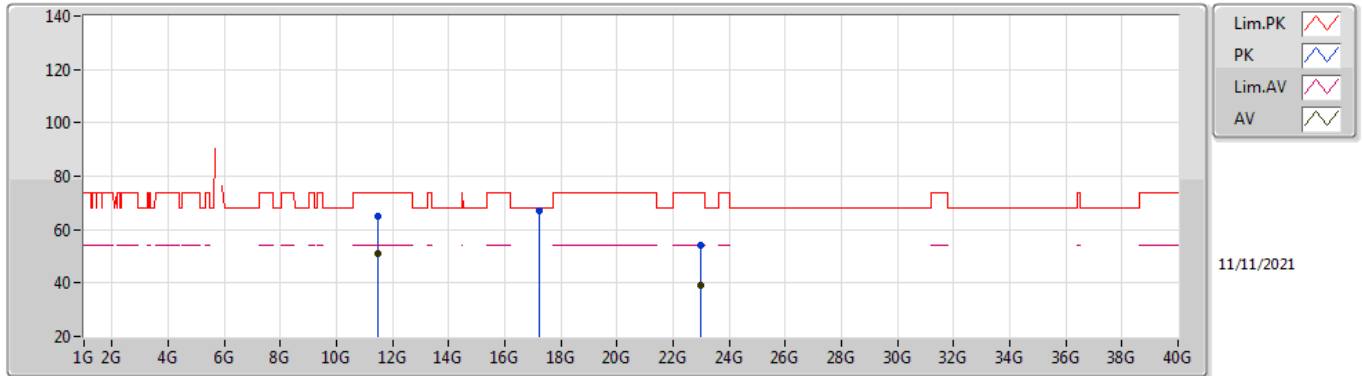
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48428G	48.45	54.00	-5.55	18.84	3	Vertical	9	2.47	-	29.61	40.07	12.83	34.06
AV	22.98702G	38.66	54.00	-15.34	-8.38	3	Vertical	360	1.69	-	47.04	39.58	17.86	56.28
PK	11.48244G	62.73	74.00	-11.27	18.83	3	Vertical	9	2.47	-	43.90	40.06	12.83	34.06
PK	17.2432G	67.72	68.20	-0.48	21.95	3	Vertical	354	2.88	-	45.77	39.54	15.68	33.27
PK	22.98804G	52.81	74.00	-21.19	-8.37	3	Vertical	360	1.69	-	61.18	39.59	17.86	56.28

802.11ax HEW20_Nss1,(MCS0)_4TX

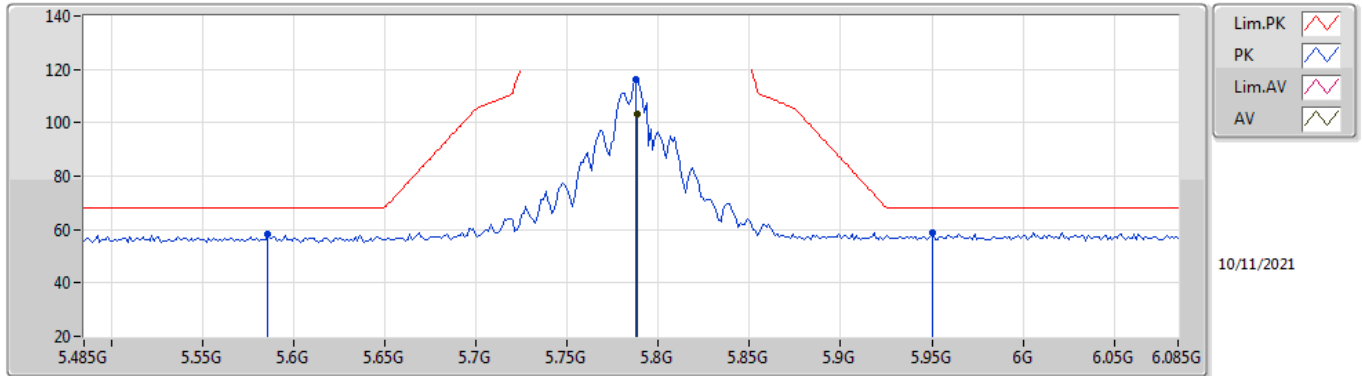
5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49068G	51.22	54.00	-2.78	18.86	3	Horizontal	304	2.27	-	32.36	40.08	12.84	34.06
AV	22.96938G	39.15	54.00	-14.85	-8.38	3	Horizontal	12	1.72	-	47.53	39.56	17.86	56.26
PK	11.49124G	64.94	74.00	-9.06	18.86	3	Horizontal	304	2.27	-	46.08	40.08	12.84	34.06
PK	17.23136G	67.18	68.20	-1.02	21.93	3	Horizontal	323	2.57	-	45.25	39.53	15.67	33.27
PK	22.96938G	53.94	74.00	-20.06	-8.38	3	Horizontal	12	1.72	-	62.32	39.56	17.86	56.26

802.11ax HEW20_Nss1,(MCS0)_4TX

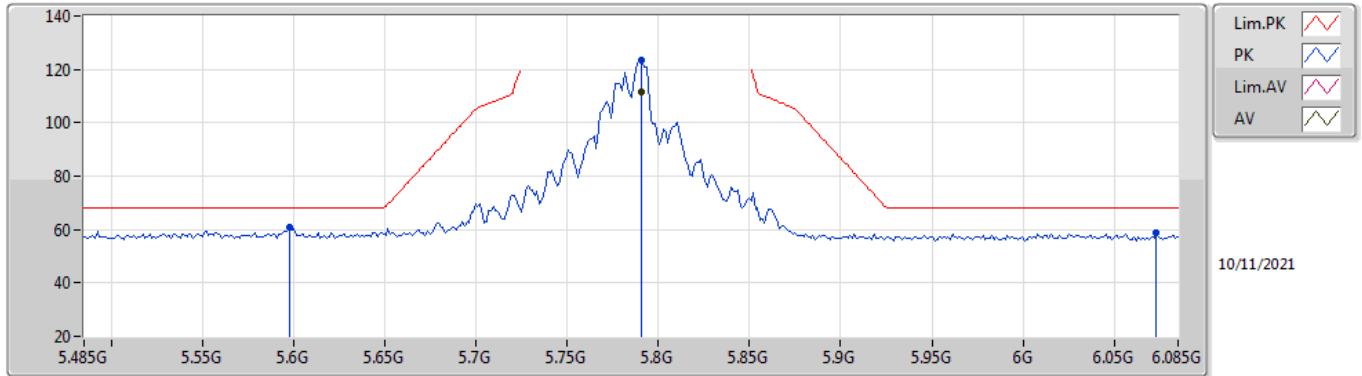
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7886G	103.31	Inf	-Inf	7.39	3	Vertical	4	1.32	-	95.92	32.08	9.52	34.21
PK	5.7858G	58.03	68.20	-10.17	6.98	3	Vertical	4	1.32	-	51.05	31.73	9.45	34.20
PK	5.7874G	116.16	Inf	-Inf	7.38	3	Vertical	4	1.32	-	108.78	32.07	9.52	34.21
PK	5.9506G	58.69	68.20	-9.51	7.92	3	Vertical	4	1.32	-	50.77	32.50	9.64	34.22

802.11ax HEW20_Nss1,(MCS0)_4TX

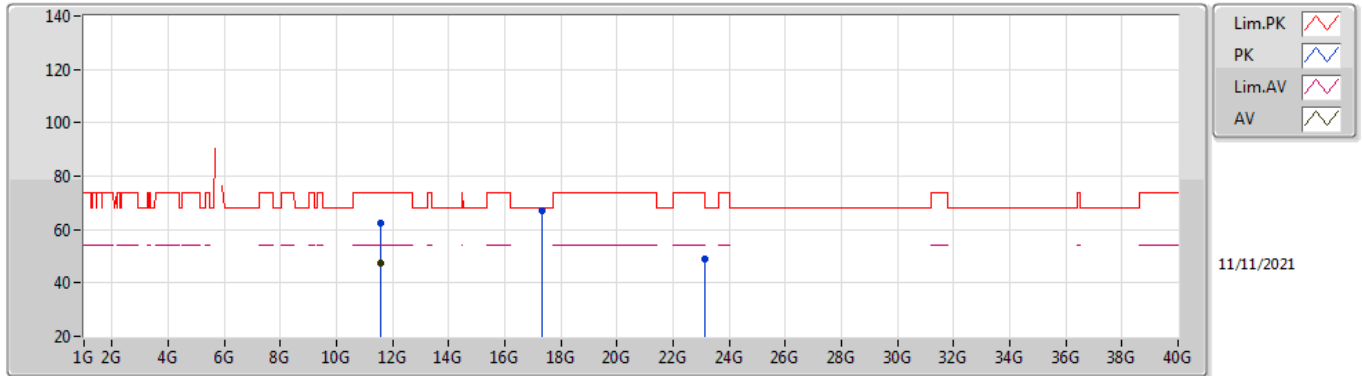
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.791G	111.59	Inf	-Inf	7.39	3	Horizontal	311	1.18	-	104.20	32.08	9.52	34.21
PK	5.791G	123.30	Inf	-Inf	7.39	3	Horizontal	311	1.18	-	115.91	32.08	9.52	34.21
PK	6.073G	58.64	68.20	-9.56	7.96	3	Horizontal	311	1.18	-	50.68	32.45	9.74	34.23

802.11ax HEW20_Nss1,(MCS0)_4TX

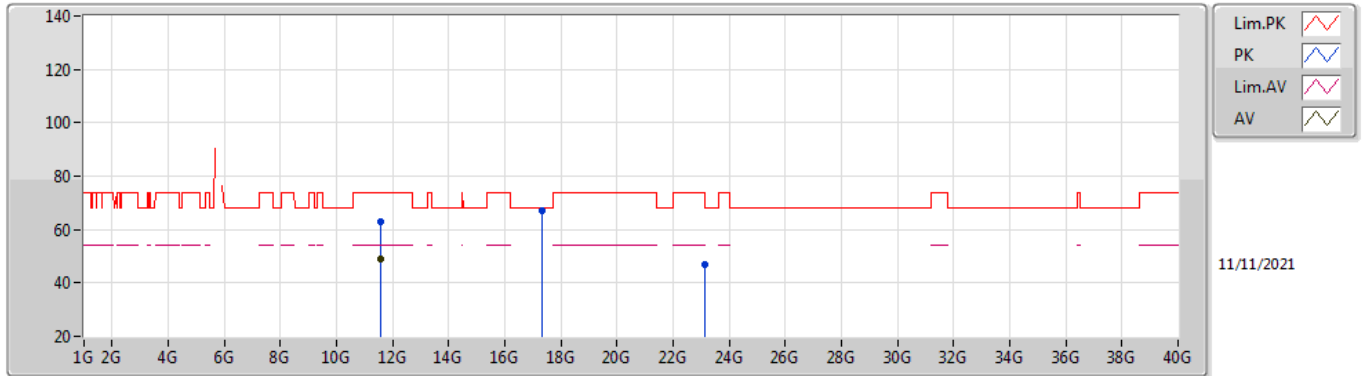
5785MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5606G	47.41	54.00	-6.59	18.70	3	Vertical	12	1.50	-	28.71	39.92	12.87	34.09
PK	11.56016G	62.18	74.00	-11.82	18.70	3	Vertical	12	1.50	-	43.48	39.92	12.87	34.09
PK	17.35076G	67.24	68.20	-0.96	22.61	3	Vertical	1	2.97	-	44.63	40.11	15.74	33.24
PK	23.14762G	48.98	68.20	-19.22	-8.12	3	Vertical	0	1.70	-	57.10	39.84	17.91	56.33

802.11ax HEW20_Nss1,(MCS0)_4TX

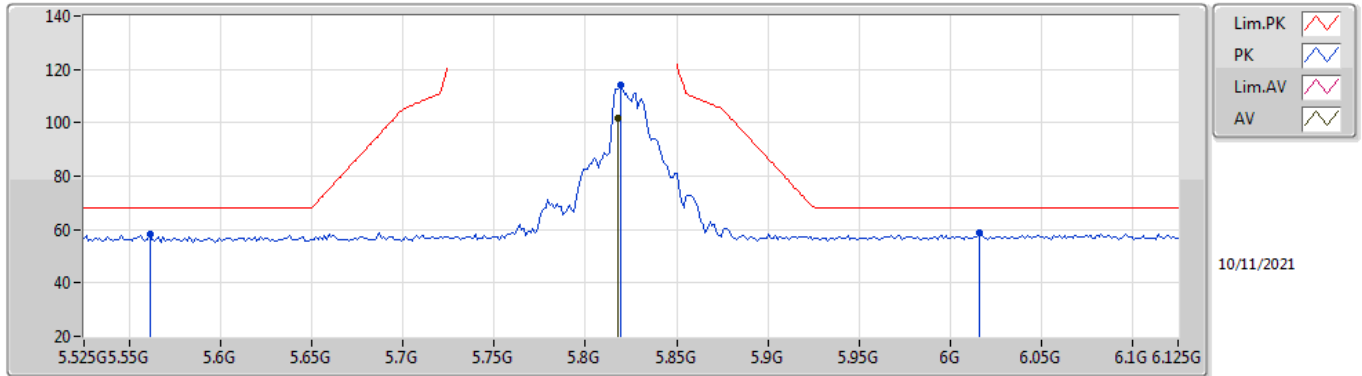
5785MHz_TX



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	11.57292G	49.13	54.00	-4.87	18.65	3	Horizontal	6	2.32	-	30.48	39.88	12.87	34.10
PK	11.57244G	62.92	74.00	-11.08	18.65	3	Horizontal	6	2.32	-	44.27	39.88	12.87	34.10
PK	17.351G	67.06	68.20	-1.14	22.61	3	Horizontal	359	2.64	-	44.45	40.11	15.74	33.24
PK	23.13124G	47.12	68.20	-21.08	-8.15	3	Horizontal	25	1.74	-	55.27	39.81	17.91	56.33

802.11ax HEW20_Nss1,(MCS0)_4TX

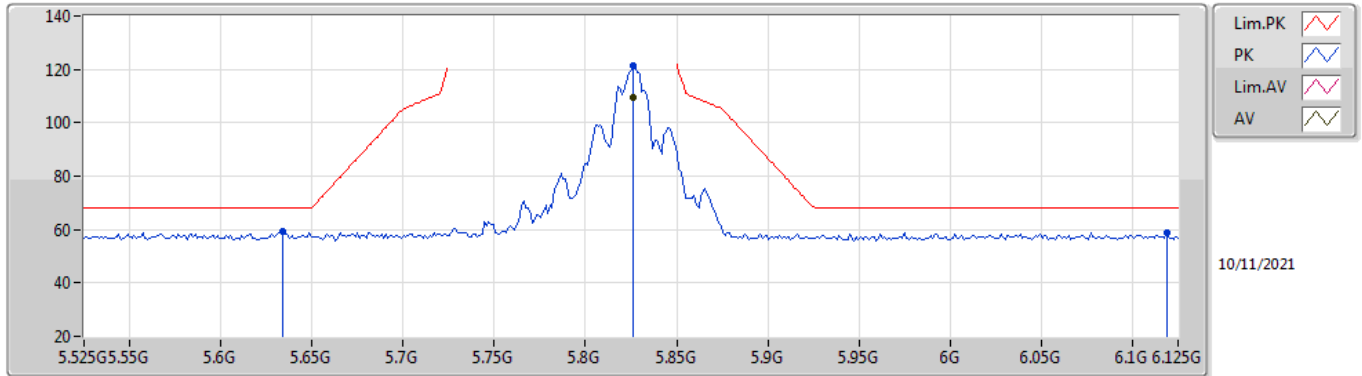
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8178G	101.80	Inf	-Inf	7.49	3	Vertical	360	1.02	-	94.31	32.17	9.53	34.21
PK	5.561G	58.06	68.20	-10.14	7.02	3	Vertical	360	1.02	-	51.04	31.78	9.43	34.19
PK	5.819G	113.99	Inf	-Inf	7.51	3	Vertical	360	1.02	-	106.48	32.18	9.54	34.21
PK	6.0158G	58.68	68.20	-9.52	7.97	3	Vertical	360	1.02	-	50.71	32.50	9.69	34.22

802.11ax HEW20_Nss1,(MCS0)_4TX

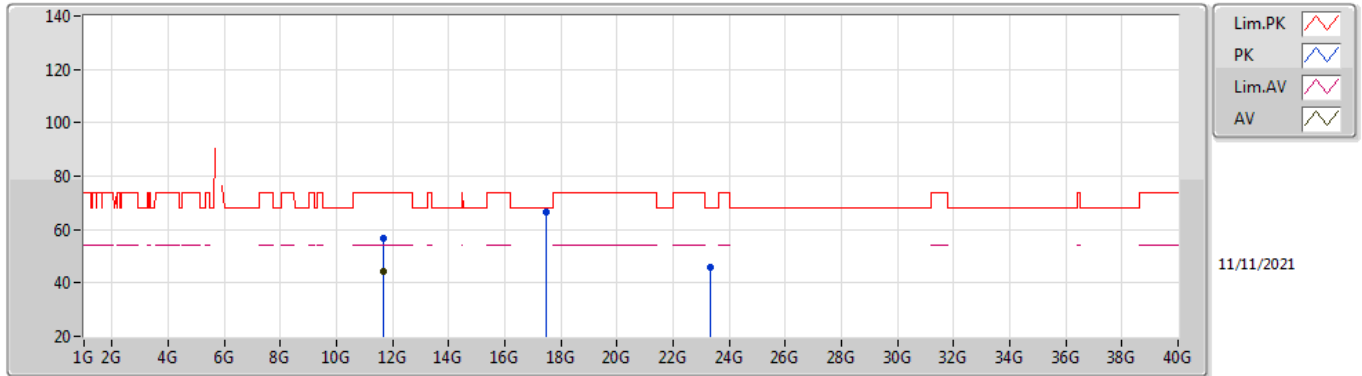
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	109.62	Inf	-Inf	7.53	3	Horizontal	321	1.00	-	102.09	32.20	9.54	34.21
PK	5.6342G	59.28	68.20	-8.92	6.90	3	Horizontal	321	1.00	-	52.38	31.63	9.47	34.20
PK	5.8262G	121.36	Inf	-Inf	7.53	3	Horizontal	321	1.00	-	113.83	32.20	9.54	34.21
PK	6.119G	58.98	68.20	-9.22	8.03	3	Horizontal	321	1.00	-	50.95	32.48	9.78	34.23

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65004G	44.15	54.00	-9.85	18.26	3	Vertical	11	2.63	-	25.89	39.50	12.90	34.14
PK	11.65068G	56.84	74.00	-17.16	18.26	3	Vertical	11	2.63	-	38.58	39.50	12.90	34.14
PK	17.47072G	66.59	68.20	-1.61	23.41	3	Vertical	324	1.96	-	43.18	40.81	15.81	33.21
PK	23.30858G	45.73	68.20	-22.47	-8.01	3	Vertical	0	1.73	-	53.74	39.93	17.96	56.36

802.11ax HEW20_Nss1,(MCS0)_4TX

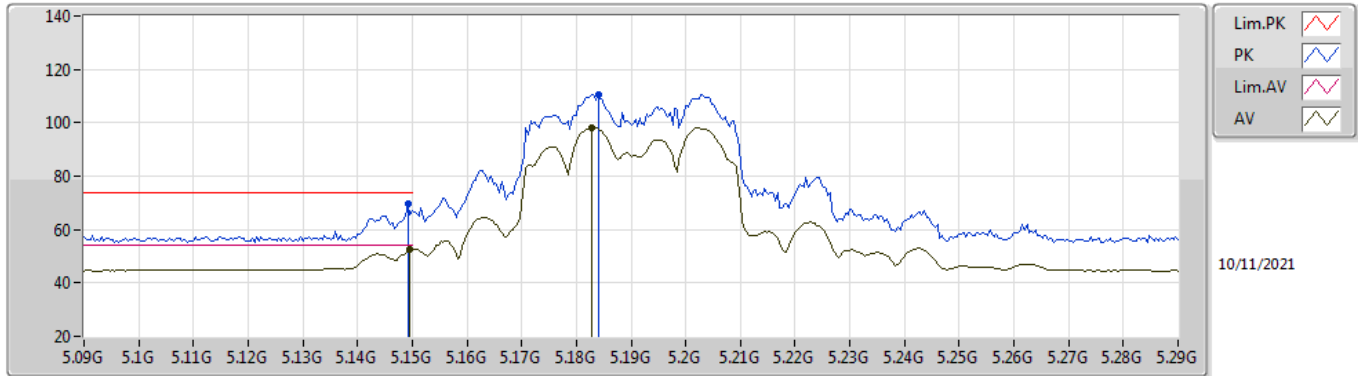
5825MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6426G	45.31	54.00	-8.69	18.30	3	Horizontal	7	1.50	-	27.01	39.54	12.90	34.14
PK	11.64152G	59.57	74.00	-14.43	18.31	3	Horizontal	7	1.50	-	41.26	39.55	12.90	34.14
PK	17.47244G	67.32	68.20	-0.88	23.42	3	Horizontal	340	2.71	-	43.90	40.82	15.81	33.21
PK	23.3099G	43.28	68.20	-24.92	-8.01	3	Horizontal	0	1.78	-	51.29	39.93	17.96	56.36

802.11ax HEW40_Nss1,(MCS0)_4TX

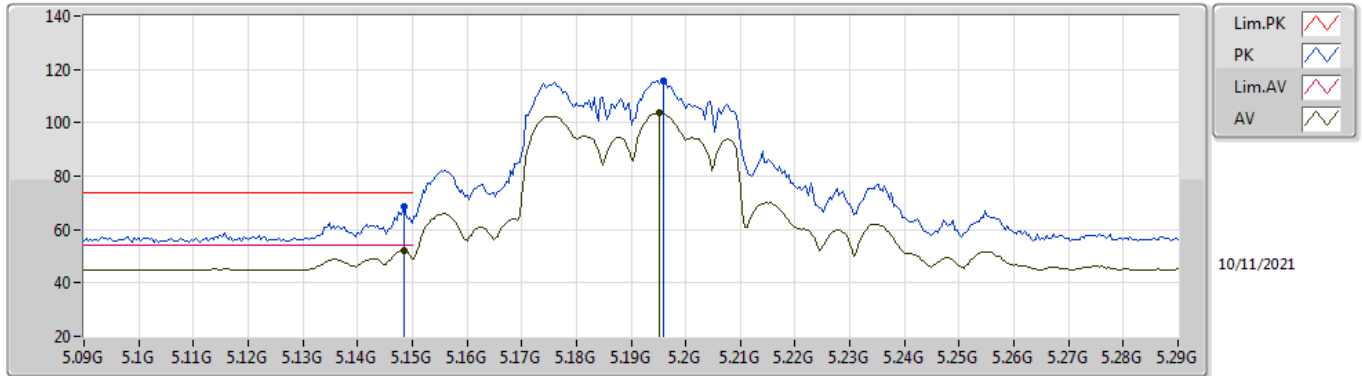
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1496G	52.38	54.00	-1.62	6.84	3	Vertical	29	1.00	-	45.54	31.90	9.07	34.13
AV	5.1828G	98.15	Inf	-Inf	6.72	3	Vertical	29	1.00	-	91.43	31.77	9.08	34.13
PK	5.1492G	69.50	74.00	-4.50	6.84	3	Vertical	29	1.00	-	62.66	31.90	9.07	34.13
PK	5.184G	110.48	Inf	-Inf	6.71	3	Vertical	29	1.00	-	103.77	31.76	9.08	34.13

802.11ax HEW40_Nss1,(MCS0)_4TX

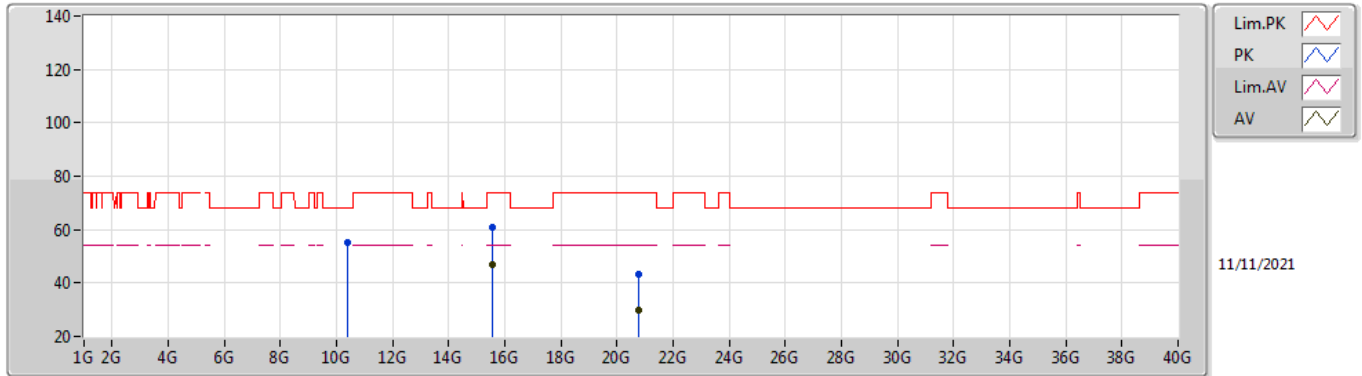
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1484G	52.30	54.00	-1.70	6.84	3	Horizontal	72	1.21	-	45.46	31.90	9.07	34.13
AV	5.1952G	103.71	Inf	-Inf	6.66	3	Horizontal	72	1.21	-	97.05	31.72	9.08	34.14
PK	5.1484G	68.58	74.00	-5.42	6.84	3	Horizontal	72	1.21	-	61.74	31.90	9.07	34.13
PK	5.196G	115.88	Inf	-Inf	6.66	3	Horizontal	72	1.21	-	109.22	31.72	9.08	34.14

802.11ax HEW40_Nss1,(MCS0)_4TX

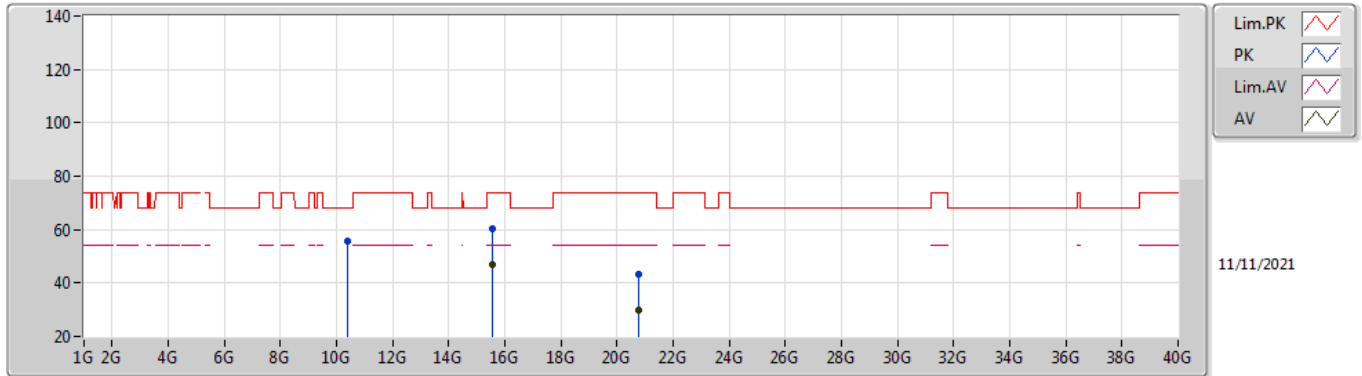
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55544G	46.74	54.00	-7.26	18.24	3	Vertical	106	1.36	-	28.50	37.87	14.81	34.44
AV	20.77302G	30.00	54.00	-24.00	-8.64	3	Vertical	234	1.06	-	38.64	38.15	16.92	54.17
PK	10.38016G	55.42	68.20	-12.78	17.21	3	Vertical	360	1.32	-	38.21	39.42	12.37	34.58
PK	15.57496G	60.62	74.00	-13.38	18.12	3	Vertical	106	1.36	-	42.50	37.75	14.82	34.45
PK	20.751G	43.21	74.00	-30.79	-8.68	3	Vertical	234	1.06	-	51.89	38.10	16.91	54.15

802.11ax HEW40_Nss1,(MCS0)_4TX

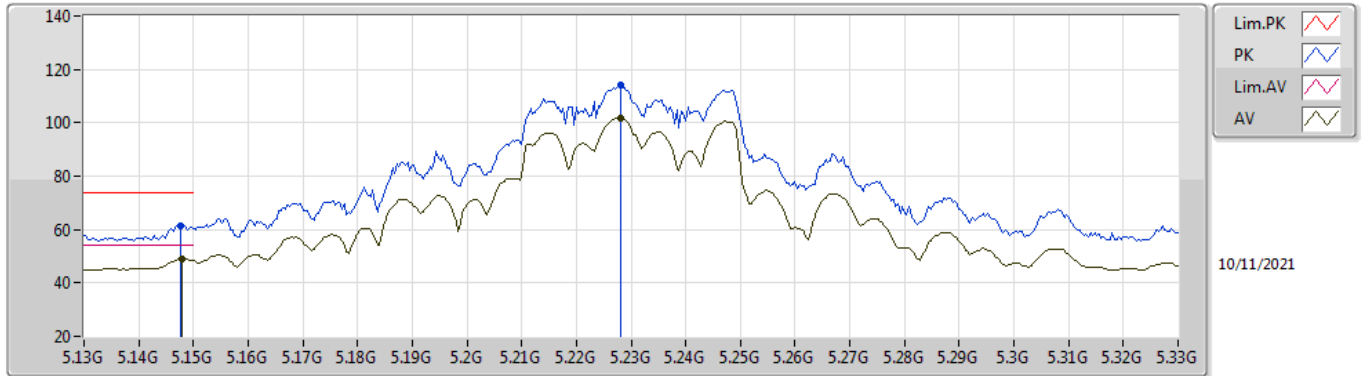
5190MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.55008G	46.64	54.00	-7.36	18.27	3	Horizontal	206	1.50	-	28.37	37.90	14.81	34.44
AV	20.7702G	29.99	54.00	-24.01	-8.65	3	Horizontal	104	2.48	-	38.64	38.14	16.92	54.17
PK	10.38088G	55.91	68.20	-12.29	17.21	3	Horizontal	92	1.70	-	38.70	39.42	12.37	34.58
PK	15.58016G	60.50	74.00	-13.50	18.09	3	Horizontal	206	1.50	-	42.41	37.72	14.82	34.45
PK	20.7654G	43.24	74.00	-30.76	-8.66	3	Horizontal	104	2.48	-	51.90	38.13	16.92	54.17

802.11ax HEW40_Nss1,(MCS0)_4TX

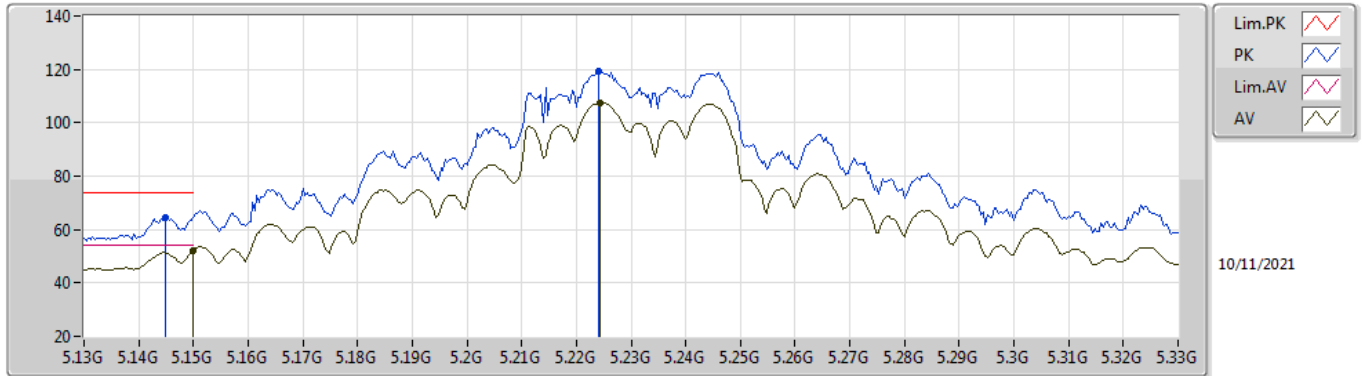
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	49.00	54.00	-5.00	6.84	3	Vertical	0	2.76	-	42.16	31.90	9.07	34.13
AV	5.228G	101.84	Inf	-Inf	6.50	3	Vertical	0	2.76	-	95.34	31.53	9.11	34.14
PK	5.1476G	61.61	74.00	-12.39	6.84	3	Vertical	0	2.76	-	54.77	31.90	9.07	34.13
PK	5.228G	114.10	Inf	-Inf	6.50	3	Vertical	0	2.76	-	107.60	31.53	9.11	34.14

802.11ax HEW40_Nss1,(MCS0)_4TX

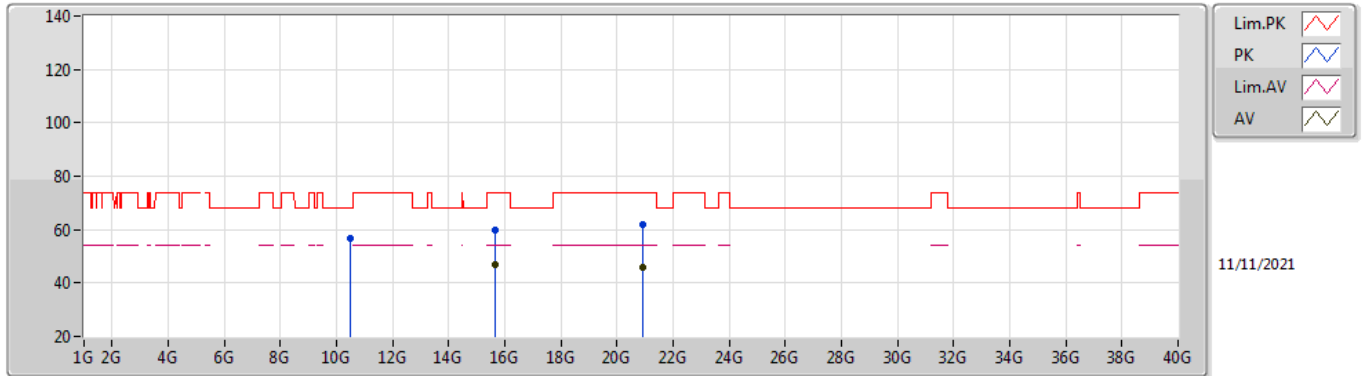
5230MHz_TX



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	5.15G	52.16	54.00	-1.84	6.84	3	Horizontal	314	2.82	-	45.32	31.90	9.07	34.13
AV	5.2244G	107.60	Inf	-Inf	6.52	3	Horizontal	314	2.82	-	101.08	31.55	9.11	34.14
PK	5.1448G	64.56	74.00	-9.44	6.84	3	Horizontal	314	2.82	-	57.72	31.90	9.07	34.13
PK	5.224G	119.47	Inf	-Inf	6.53	3	Horizontal	314	2.82	-	112.94	31.56	9.11	34.14

802.11ax HEW40_Nss1,(MCS0)_4TX

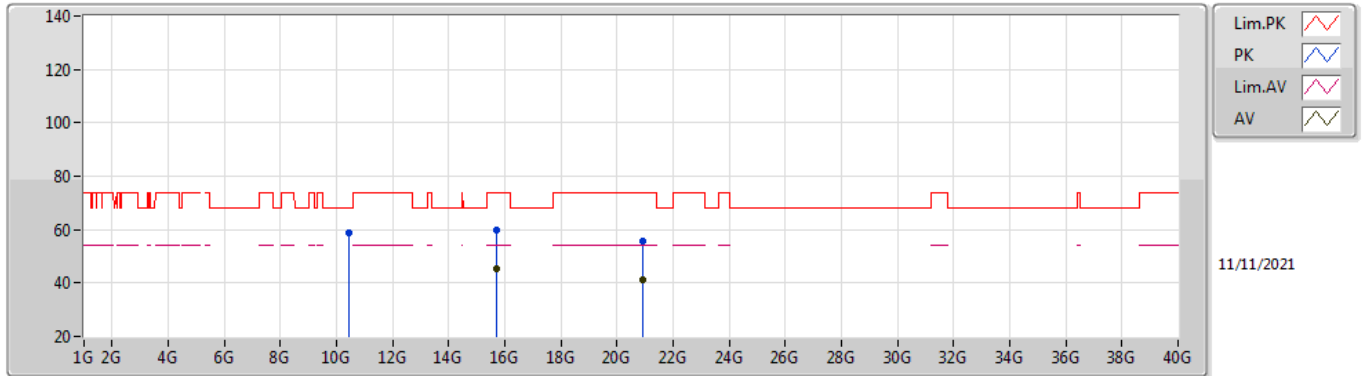
5230MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.67472G	46.66	54.00	-7.34	18.01	3	Vertical	344	1.00	-	28.65	37.67	14.85	34.51
AV	20.914G	45.61	54.00	-8.39	-8.42	3	Vertical	266	1.66	-	54.03	38.43	17.00	54.31
PK	10.476G	56.79	68.20	-11.41	17.55	3	Vertical	4	1.74	-	39.24	39.65	12.41	34.51
PK	15.67392G	60.08	74.00	-13.92	18.01	3	Vertical	344	1.00	-	42.07	37.67	14.85	34.51
PK	20.91424G	62.11	74.00	-11.89	-8.42	3	Vertical	266	1.66	-	70.53	38.43	17.00	54.31

802.11ax HEW40_Nss1,(MCS0)_4TX

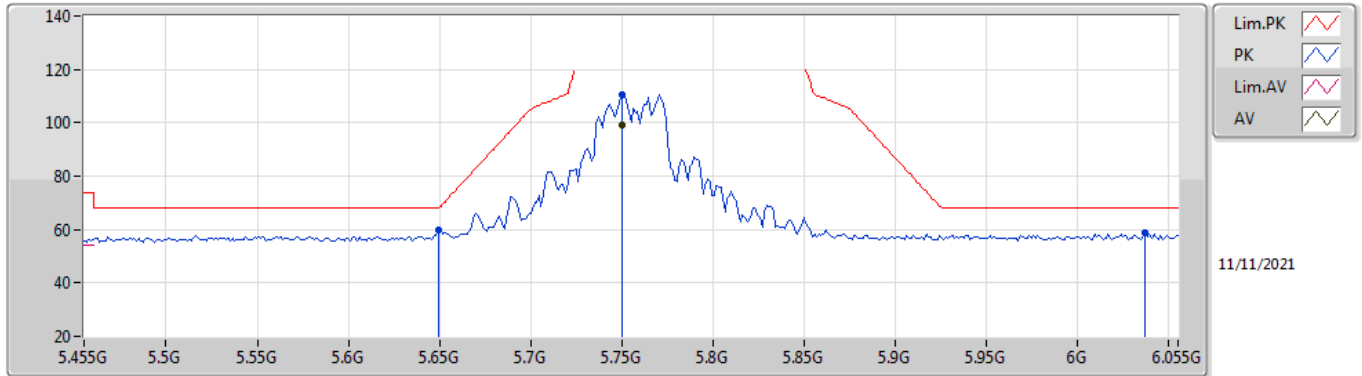
5230MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	15.68648G	45.60	54.00	-8.40	18.03	3	Horizontal	311	1.49	-	27.57	37.69	14.85	34.51
AV	20.9143G	41.26	54.00	-12.74	-8.42	3	Horizontal	210	1.31	-	49.68	38.43	17.00	54.31
PK	10.45832G	58.87	68.20	-9.33	17.50	3	Horizontal	309	1.73	-	41.37	39.62	12.40	34.52
PK	15.6904G	60.06	74.00	-13.94	18.02	3	Horizontal	311	1.49	-	42.04	37.69	14.85	34.52
PK	20.91568G	55.67	74.00	-18.33	-8.43	3	Horizontal	210	1.31	-	64.10	38.43	17.00	54.32

802.11ax HEW40_Nss1,(MCS0)_4TX

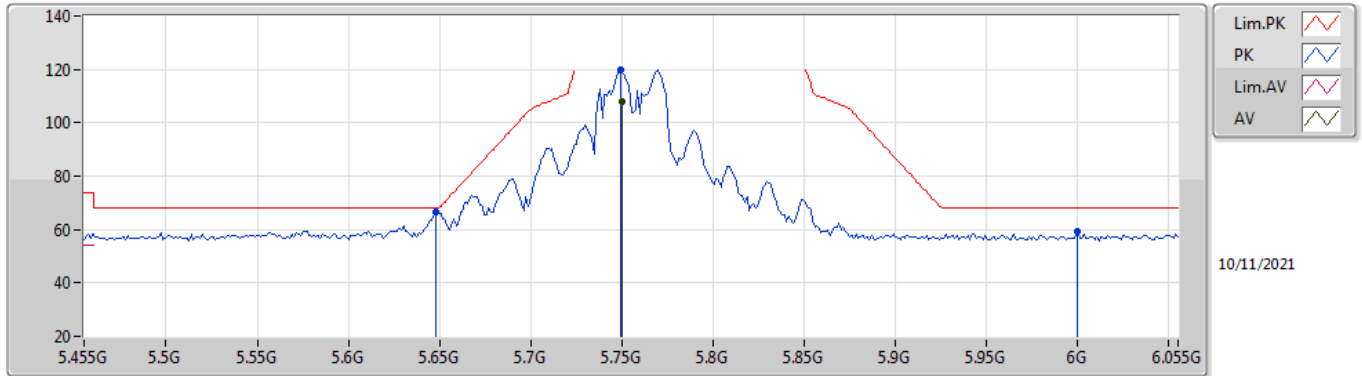
5755MHz_TX



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	99.36	Inf	-Inf	7.30	3	Vertical	15	1.00	-	92.06	32.00	9.51	34.21
PK	5.6494G	59.82	68.20	-8.38	6.87	3	Vertical	15	1.00	-	52.95	31.60	9.47	34.20
PK	5.7502G	110.65	Inf	-Inf	7.30	3	Vertical	15	1.00	-	103.35	32.00	9.51	34.21
PK	6.037G	58.76	68.20	-9.44	7.99	3	Vertical	15	1.00	-	50.77	32.50	9.71	34.22

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7502G	107.94	Inf	-Inf	7.30	3	Horizontal	298	1.88	-	100.64	32.00	9.51	34.21
PK	5.6482G	66.71	68.20	-1.49	6.87	3	Horizontal	298	1.88	-	59.84	31.60	9.47	34.20
PK	5.749G	119.90	Inf	-Inf	7.30	3	Horizontal	298	1.88	-	112.60	32.00	9.50	34.20
PK	5.9998G	59.18	68.20	-9.02	7.96	3	Horizontal	298	1.88	-	51.22	32.50	9.68	34.22