



# FCC Radio Test Report

**FCC ID** : RSE-OWM0131  
**Equipment** : WiFi Extender  
**Brand Name** : technicolor  
**Model Name** : OWM0131TCH  
**Applicant** : Technicolor Delivery Technologies Belgium  
Prins Boudewijnlaan 47  
Edegem B-2650  
Belgium  
**Manufacturer** : Technicolor Delivery Technologies Belgium  
Prins Boudewijnlaan 47  
Edegem B-2650  
Belgium  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Jun. 23, 2022, and testing was started from Jun. 27, 2022 and completed on Sep. 02, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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



# Table of Contents

**HISTORY OF THIS TEST REPORT .....3**

**SUMMARY OF TEST RESULT .....4**

**1 GENERAL DESCRIPTION .....5**

1.1 Information.....5

1.2 Testing Applied Standards .....9

1.3 Testing Location Information .....9

1.4 Measurement Uncertainty .....9

**2 TEST CONFIGURATION OF EUT.....10**

2.1 Test Channel Mode .....10

2.2 The Worst Case Measurement Configuration.....13

2.3 Accessories .....14

2.4 Support Equipment.....14

2.5 Test Setup Diagram .....15

**3 TRANSMITTER TEST RESULT .....17**

3.1 AC Power-line Conducted Emissions .....17

3.2 Emission Bandwidth .....19

3.3 Maximum Conducted Output Power .....20

3.4 Peak Power Spectral Density.....22

3.5 Unwanted Emissions.....24

**4 TEST EQUIPMENT AND CALIBRATION DATA.....28**

**APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS (Page 30-35)**

**APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH (Page 36-66)**

**APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER (Page 67-70)**

**APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY (Page 71-101)**

**APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS (Page 102-217)**

**APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION (Page 218-221)**

**APPENDIX G. TEST PHOTOS (Page 222-225)**

**PHOTOGRAPHS OF EUT V01**



### History of this test report

Report No.	Version	Description	Issued Date
FR262320AN	01	Initial issue of report	Oct. 14, 2022



### 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	-

<b>Declaration of Conformity:</b>
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
<b>Comments and explanations:</b>
None

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

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

#### <Non-Beamforming>

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

#### <Beamforming>

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

Note:

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



1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	NA	NA	PCB	I-Pex	2.4GHz
2	NA	NA	PCB	I-Pex	2.4GHz
3	NA	NA	PCB	I-Pex	5GHz
4	NA	NA	PCB	I-Pex	5GHz
5	NA	NA	PCB	I-Pex	5GHz
6	NA	NA	PCB	I-Pex	5GHz
7	NA	NA	PCB	I-Pex	Bluetooth
8	NA	NA	PCB	I-Pex	Zigbee
9	NA	NA	PCB	I-Pex	Z-Wave

Ant.	Port	Gain (dBi)					
		2.4G	U-NII-1	U-NII-3	Bluetooth	Zigbee	Z-Wave
1	1	2.28	-	-	-	-	-
2	2	3.20	-	-	-	-	-
3	1	-	4.09	3.29	-	-	-
4	2	-	2.57	2.70	-	-	-
5	3	-	2.33	2.51	-	-	-
6	4	-	3.75	2.65	-	-	-
7	1	-	-	-	2.9	-	-
8	1	-	-	-	-	4.8	-
9	1	-	-	-	-	-	0.9

Composite Gain (dBi)			
Stream	2.4G	U-NII-1	U-NII-3
1SS	3.23	5.23	5.41
2SS	3.2	4.09	3.29
3SS	-	4.09	3.29
4SS	-	4.09	3.29

Note 1: The EUT has nine antennas.

**For 2.4GHz function:**

For IEEE 802.11b mode (1TX/1RX)

Only Ant. 1 (port 1) could transmit/receive.

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

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

**For BT function:**

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

Ant. 7 can be used as transmitting/receiving antenna.



**For 5GHz function:**

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

Ant. 3 (port 1) ~ Ant. 6 (port 4) could transmit/receive simultaneously.

**For Zigbee function:**

For Zigbee mode (1TX/1RX)

Ant. 8 (port 1) could transmit/receive.

**For Z-Wave function:**

For Z-Wave mode (1TX/1RX)

Ant. 9 (port 1) could transmit/receive.

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From AC Adapter		
Software Version	5.04L.03		
Hardware Version	LAB1		
EUT Function	<input type="checkbox"/> Outdoor AP	<input checked="" type="checkbox"/> Indoor AP	
	<input type="checkbox"/> Fixed P2P AP	<input type="checkbox"/> Client	
Beamforming Function	<input checked="" type="checkbox"/> With beamforming	<input type="checkbox"/> Without beamforming	
Resource Unit(802.11ax)	<input checked="" type="checkbox"/> Full RU	<input type="checkbox"/> Partial RU	
Type of EUT			
<input checked="" type="checkbox"/>	Stand-alone		
<input type="checkbox"/>	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
<input type="checkbox"/>	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
<input type="checkbox"/>	Other:		



### 1.1.4 Mode Test Duty Cycle

<Non-Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_4TX	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.975	0.11	772.5u	3k
802.11ax HEW80_Nss1,(MCS0)_4TX	0.951	0.22	401.25u	3k

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

<Beamforming>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.950	0.22	2.925m	1k
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	0.944	0.25	4.364m	300
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	0.968	0.14	4.857m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.966	0.15	4.357m	300
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	0.942	0.26	5.081m	300
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	0.969	0.14	5.333m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.931	0.31	4.141m	300
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	0.943	0.25	4.828m	300
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	0.864	0.63	1.673m	1k

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				
<input checked="" type="checkbox"/> Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Edward Wang	22.1~23.6°C / 50~60%	15/Jul/2022
RF Conducted	TH01-HY	Johnny Yu	22.3~26.5°C / 52~53%	23/Jul/2022~15/Aug/2022
Radiated	03CH02-HY	Jack Tang	21.4~22.4°C / 56~63%	27/Jun/2022~28/Jul/2022
Radiated (Co-location)	03CH02-HY	Jack Tang	21.4~22.4°C / 56~63%	02/Sep/2022
<input type="checkbox"/> Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				

## 1.4 Measurement Uncertainty

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

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



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

<Non-Beamforming>

Test Software Version	Dos V6.1
-----------------------	----------

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	77
5200MHz	92
5240MHz	93
5745MHz	92
5785MHz	92
5825MHz	92
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	77
5200MHz	92
5240MHz	93
5745MHz	92
5785MHz	92
5825MHz	92
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	64
5230MHz	87
5755MHz	91
5795MHz	91
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	60
5775MHz	78



<Beamforming>

Test Software Version	Dos V6.1
-----------------------	----------

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	80
5200MHz	94
5240MHz	94
5745MHz	94
5785MHz	94
5825MHz	94
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5180MHz	78
5200MHz	94
5240MHz	94
5745MHz	93
5785MHz	94
5825MHz	94
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-
5180MHz	76
5200MHz	93
5240MHz	95
5745MHz	94
5785MHz	94
5825MHz	94
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	72
5230MHz	92
5755MHz	92
5795MHz	92
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5190MHz	70
5230MHz	89
5755MHz	92
5795MHz	92
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-
5190MHz	70






Mode	Power Setting
5230MHz	90
5755MHz	92
5795MHz	92
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	69
5775MHz	89
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5210MHz	70
5775MHz	85
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-
5210MHz	63
5775MHz	86

## 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

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth + Zigbee + Zwave
Refer to Sporton Test Report No.: FA262320 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



### 2.3 Accessories

Accessories				
AC Adapter	Brand Name	HONOR	Model Name	ADS-24FUA-12 12024EPCU
	Power Rating	I/P: 100 - 240Vac, 0.7 A, O/P: 12 Vdc, 2.0A		
	Power Cord	1.15 meter, non-shielded cable, w/o ferrite core		
Stand	Brand Name	NA	Model Name	NA

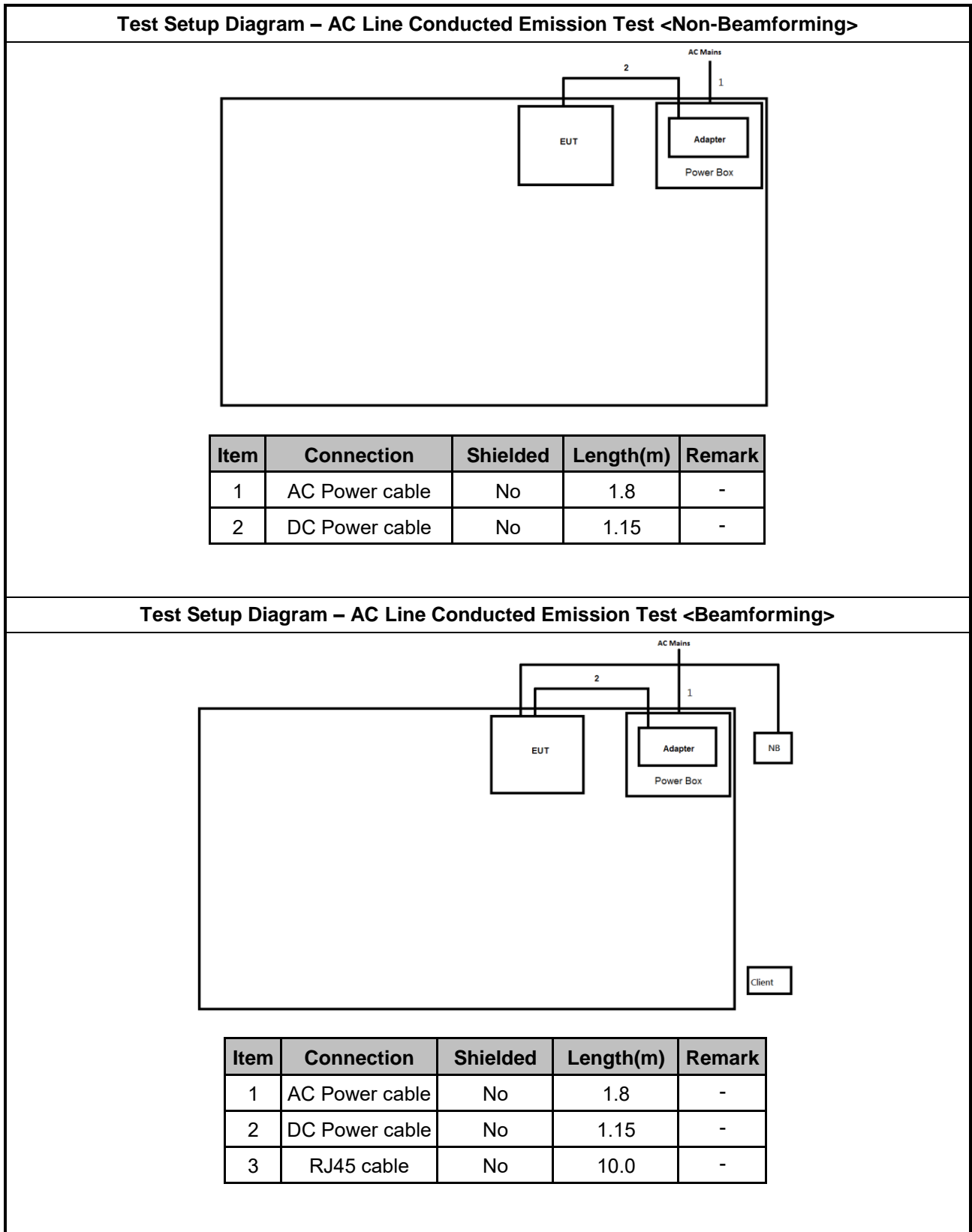
Reminder: Regarding to more detail and other information, please refer to user manual.

### 2.4 Support Equipment

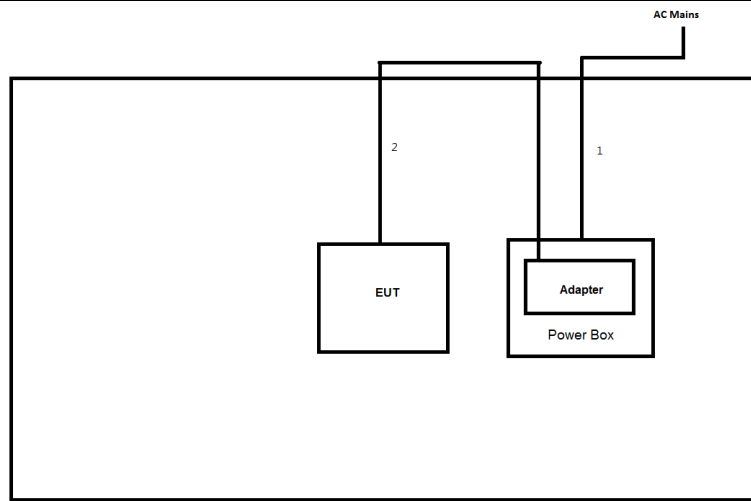
Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Dell	PP13S	-	Remote
2	RJ45 Cable	Power Sync	CAT-6E-10	-	Remote
3	Client	-	-	-	Remote / Provided by Customer

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

## 2.5 Test Setup Diagram

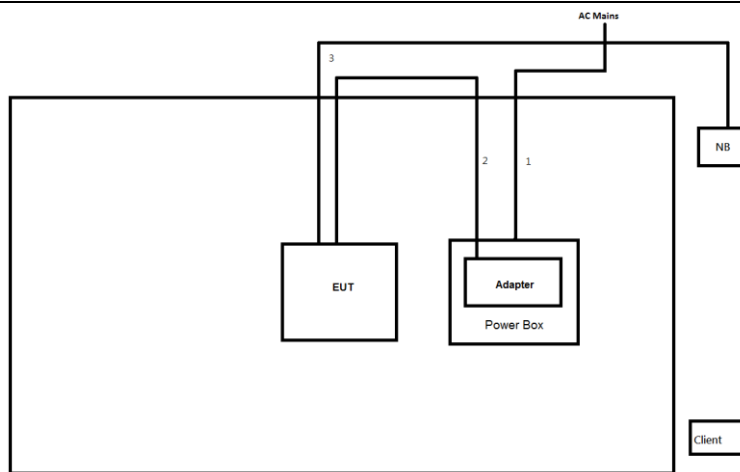


**Test Setup Diagram - Radiated Test<Non-Beamforming>**



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.15	-

**Test Setup Diagram - Radiated Test <Beamforming>**



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.15	-
3	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

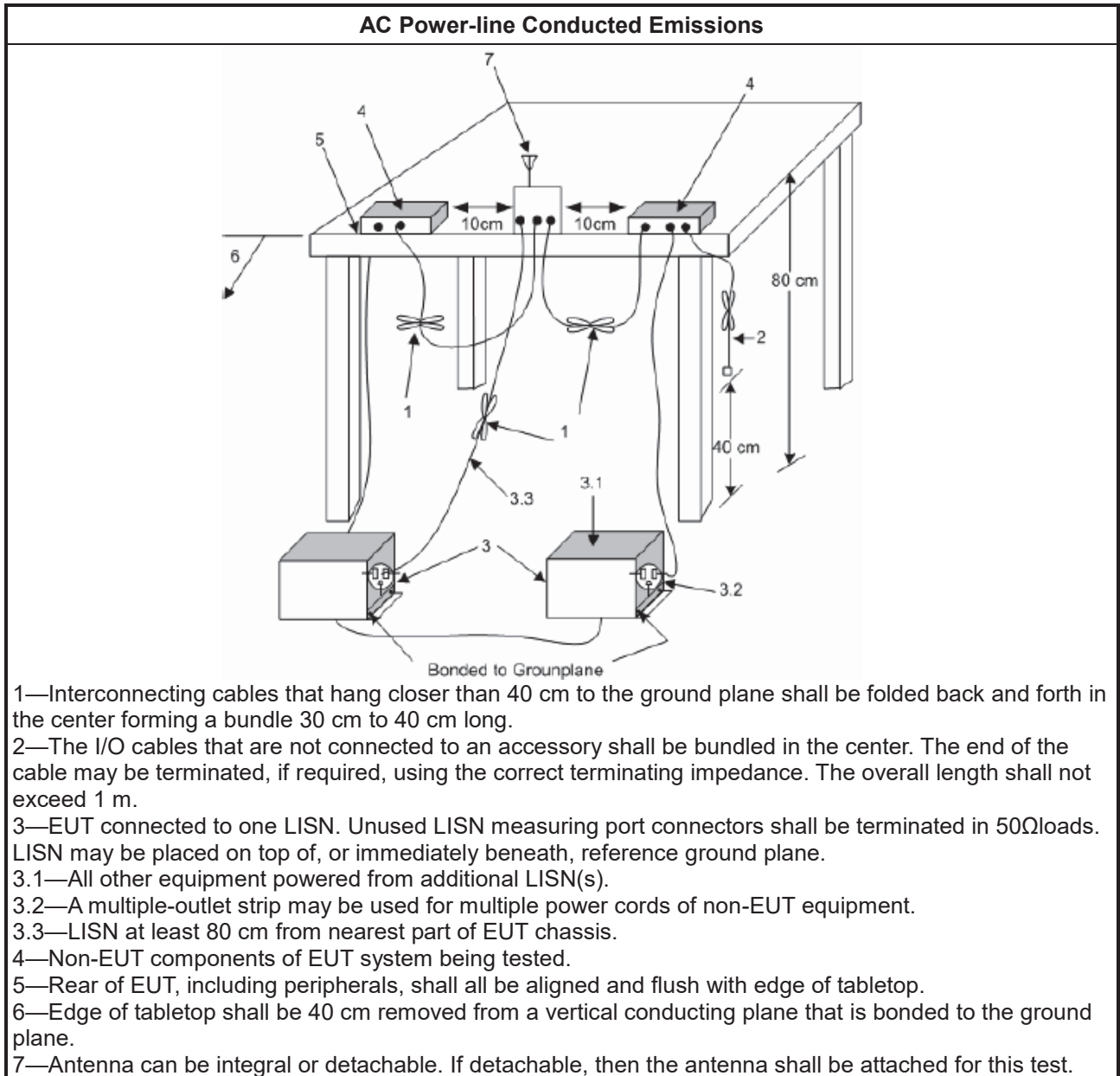
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

##### 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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	For the 5.25-5.35 GHz band, N/A
<input type="checkbox"/>	For the 5.47-5.725 GHz band, N/A
<input checked="" type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

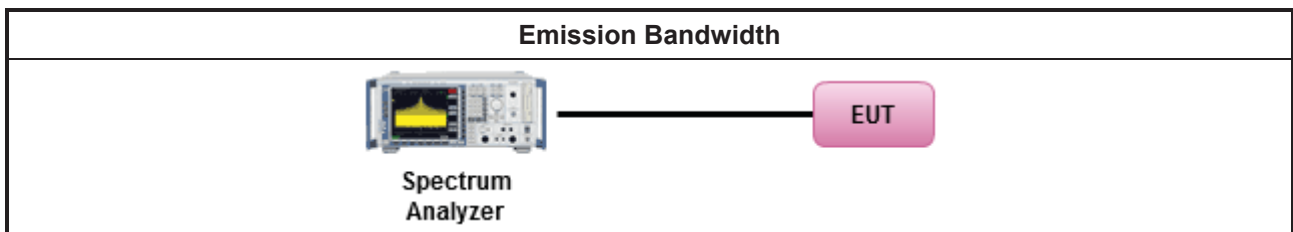
#### 3.2.2 Measuring Instruments

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

#### 3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ For the emission bandwidth shall be measured using one of the options below:</li> </ul>	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
<input type="checkbox"/>	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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>. e.i.r.p. at any elevation angle above 30 degrees <math>\leq 125</math>mW [21dBm]</li> </ul>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Indoor AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math></li> </ul>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Point-to-point AP: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 23)</math>.</li> </ul>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Mobile or Portable Client: the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 250 mW. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 24 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> For the 5.25-5.35 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the maximum conducted output power ( $P_{Out}$ ) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 30 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Point-to-point systems (P2P): the maximum conducted output power (<math>P_{Out}</math>) shall not exceed the lesser of 1 W.</li> </ul>
<p><math>P_{Out}</math> = maximum conducted output power in dBm,  <math>G_{TX}</math> = the maximum transmitting antenna directional gain in dBi.</p>	

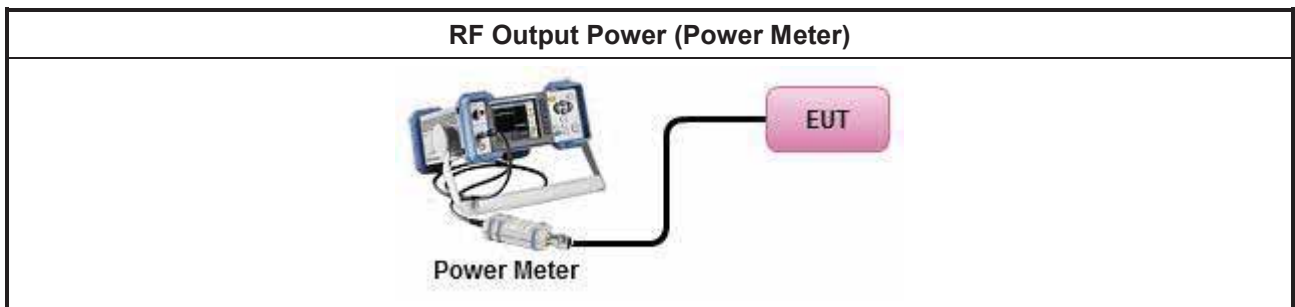
### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>Maximum Conducted Output Power</li> </ul>	
	Duty cycle $\geq 98\%$
<input type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
<ul style="list-style-type: none"> <li>For conducted measurement.</li> </ul>	
	<ul style="list-style-type: none"> <li>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.</li> </ul>
	<ul style="list-style-type: none"> <li>If multiple transmit chains, EIRP calculation could be following as methods:  <math>P_{total} = P_1 + P_2 + \dots + P_n</math>                      (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = P_{total} + DG</math> </li> </ul>

### 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	
<b>UNII Devices</b>	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If <math>G_{TX} &gt; 23</math> dBi, then <math>P_{Out} = 17 - (G_{TX} - 23)</math>.</li> <li>▪ Mobile or Portable Client: the peak power spectral density (PPSD) <math>\leq 11</math> dBm/MHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 11 - (G_{TX} - 6)</math>.</li> </ul>
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) $\leq 11$ dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$ .	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> <li>▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz. If <math>G_{TX} &gt; 6</math> dBi, then <math>PPSD = 30 - (G_{TX} - 6)</math>.</li> <li>▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) <math>\leq 30</math> dBm/500kHz.</li> </ul>
<p><b>PPSD</b> = 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</p> <p><b>G<sub>TX</sub></b> = the maximum transmitting antenna directional gain in dBi.</p>	

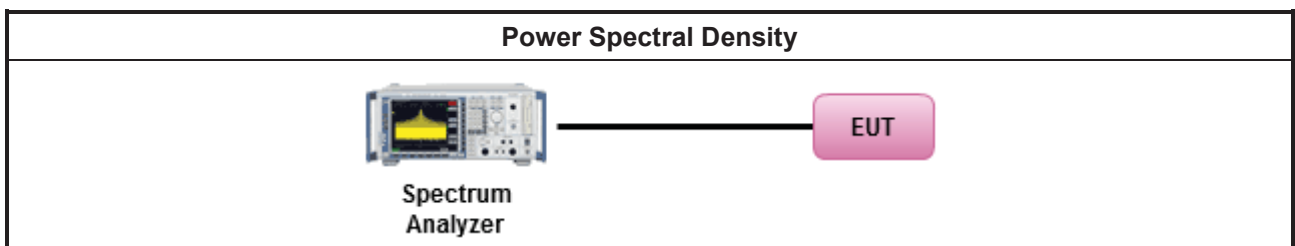
#### 3.4.2 Measuring Instruments

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

### 3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> <li>▪ 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:</li> </ul>	
<input type="checkbox"/>	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%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
Duty cycle < 98%	
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<ul style="list-style-type: none"> <li>▪ For conducted measurement.</li> </ul>	
<ul style="list-style-type: none"> <li>▪ If the EUT supports multiple transmit chains using options given below:           <ul style="list-style-type: none"> <li>▪ 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.</li> </ul> </li> <li>▪ If multiple transmit chains, EIRP PPSD calculation could be following as methods:  <math>PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n</math>            (calculated in linear unit [mW] and transfer to log unit [dBm])  <math>EIRP_{total} = PPSD_{total} + DG</math> </li> </ul>	

### 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

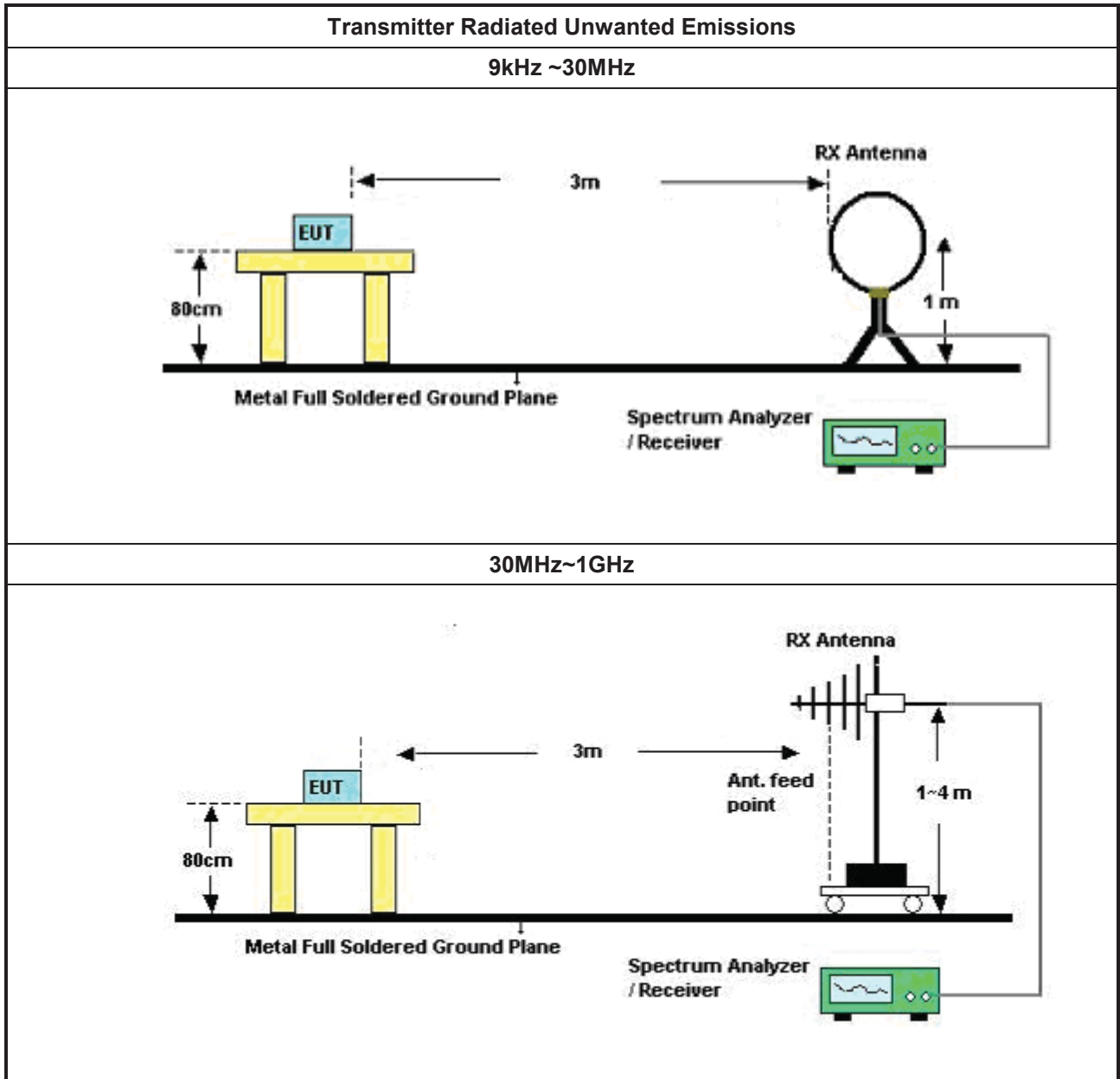
Test Method	
<ul style="list-style-type: none"> <li>Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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).</li> </ul>	
<ul style="list-style-type: none"> <li>The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].</li> </ul>	
<ul style="list-style-type: none"> <li>For the transmitter unwanted emissions shall be measured using following options below:               <ul style="list-style-type: none"> <li>Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> <li>Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> <li><input checked="" type="checkbox"/> Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.</li> <li><input checked="" type="checkbox"/> Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>For radiated measurement.               <ul style="list-style-type: none"> <li>Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.</li> <li>Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> <li>Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>The any unwanted emissions level shall not exceed the fundamental emission level.</li> </ul>	
<ul style="list-style-type: none"> <li>All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.</li> </ul>	
<ul style="list-style-type: none"> <li>Use the following spectrum analyzer settings:               <ul style="list-style-type: none"> <li>Set RBW=100 kHz for <math>f &lt; 1</math> GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.</li> <li>Set RBW = 1 MHz, VBW= 3MHz for <math>f \geq 1</math> GHz for peak measurement. For average measurement, refer as 1.1.4.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.               <ul style="list-style-type: none"> <li>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.</li> <li>Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul> </li> </ul>	

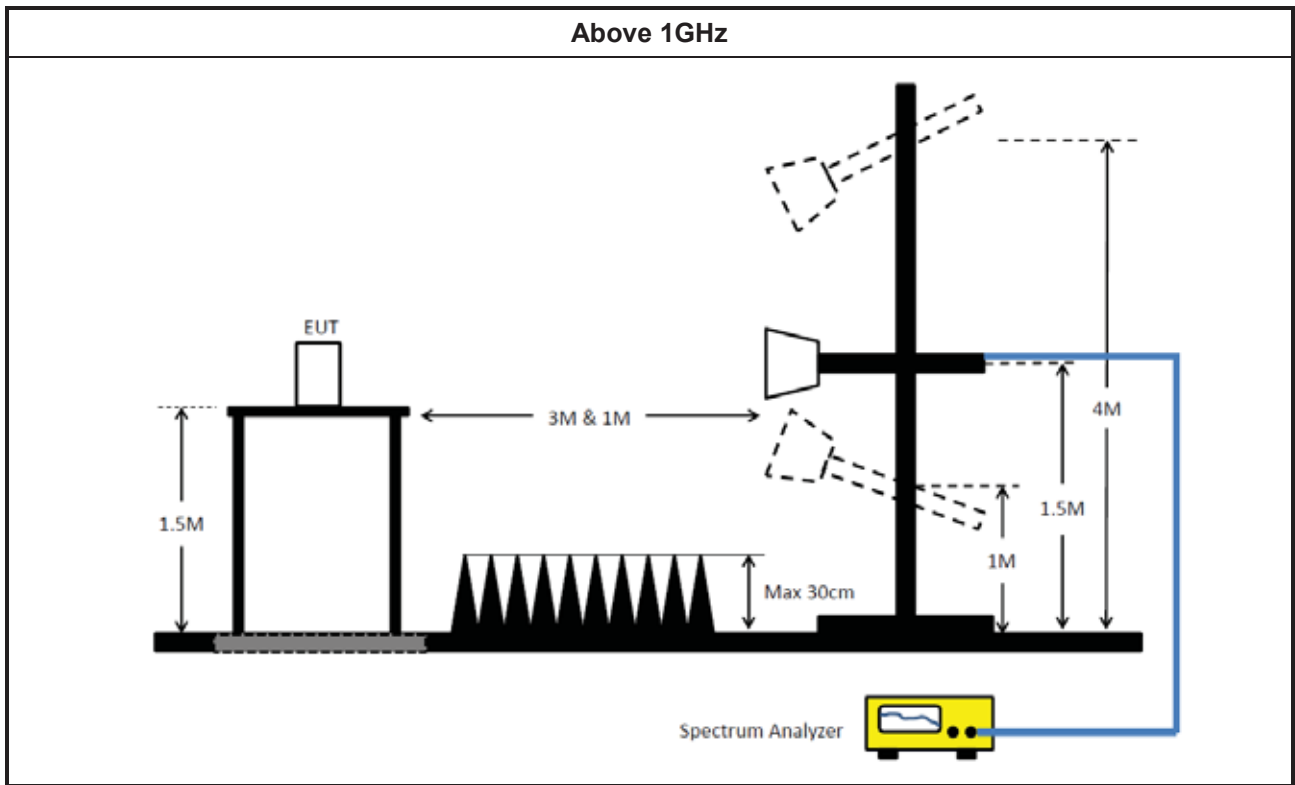
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.5.5 Test Setup





### 3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.1014	-	NCR	NCR

NCR: No Calibration Required

### Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	01/Apr/2022	31/Mar/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	21/Feb/2022	20/Feb/2023
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	21/Feb/2022	20/Feb/2023
SENSE-15407_NII	Sporton	V5.10.8.3	N/A	N/A	N/A	N/A

### Instrument for Radiated Test

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



Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP40	100593	9kHz~40GHz	08/Apr/2022	07/Apr/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	14/Sep/2021	13/Sep/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	01/Apr/2022	31/Mar/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8	N/A	N/A	N/A	N/A



**Summary**

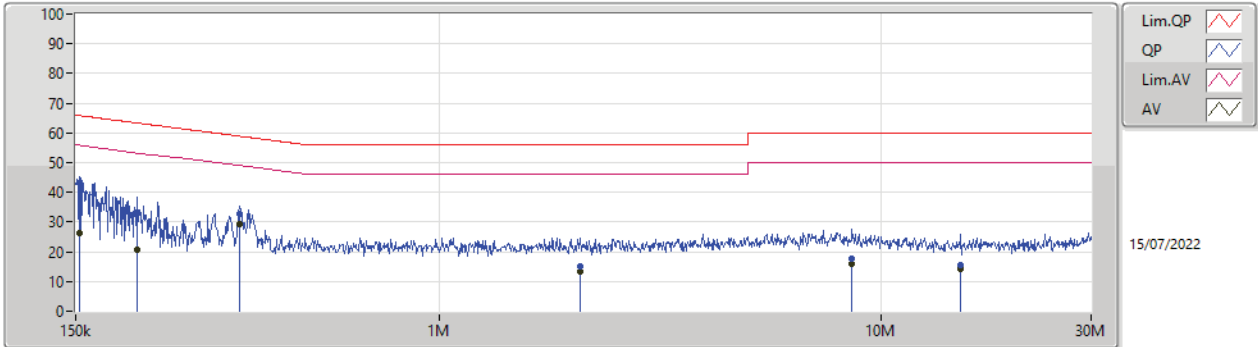
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	353.867k	29.38	48.87	-19.49	Line



Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	42.96	65.83	-22.87	Line	-
Mode 1	Pass	AV	153.024k	26.21	55.83	-29.62	Line	-
Mode 1	Pass	QP	207.263k	33.19	63.30	-30.11	Line	-
Mode 1	Pass	AV	207.263k	20.49	53.30	-32.81	Line	-
Mode 1	Pass	QP	353.867k	32.85	58.87	-26.02	Line	-
Mode 1	Pass	AV	353.867k	29.38	48.87	-19.49	Line	-
Mode 1	Pass	QP	2.091M	15.07	56.00	-40.93	Line	-
Mode 1	Pass	AV	2.091M	13.56	46.00	-32.44	Line	-
Mode 1	Pass	QP	8.626M	17.58	60.00	-42.42	Line	-
Mode 1	Pass	AV	8.626M	15.80	50.00	-34.20	Line	-
Mode 1	Pass	QP	15.205M	15.33	60.00	-44.67	Line	-
Mode 1	Pass	AV	15.205M	14.01	50.00	-35.99	Line	-
Mode 1	Pass	QP	155.487k	42.57	65.69	-23.12	Neutral	-
Mode 1	Pass	AV	155.487k	25.46	55.69	-30.23	Neutral	-
Mode 1	Pass	QP	247.062k	26.51	61.85	-35.34	Neutral	-
Mode 1	Pass	AV	247.062k	16.22	51.85	-35.63	Neutral	-
Mode 1	Pass	QP	848.248k	13.54	56.00	-42.46	Neutral	-
Mode 1	Pass	AV	848.248k	12.20	46.00	-33.80	Neutral	-
Mode 1	Pass	QP	6.981M	18.89	60.00	-41.11	Neutral	-
Mode 1	Pass	AV	6.981M	16.43	50.00	-33.57	Neutral	-
Mode 1	Pass	QP	8.489M	20.18	60.00	-39.82	Neutral	-
Mode 1	Pass	AV	8.489M	17.09	50.00	-32.91	Neutral	-
Mode 1	Pass	QP	27.895M	16.28	60.00	-43.72	Neutral	-
Mode 1	Pass	AV	27.895M	15.23	50.00	-34.77	Neutral	-

Conducted Emissions at Powerline\_Mode 1



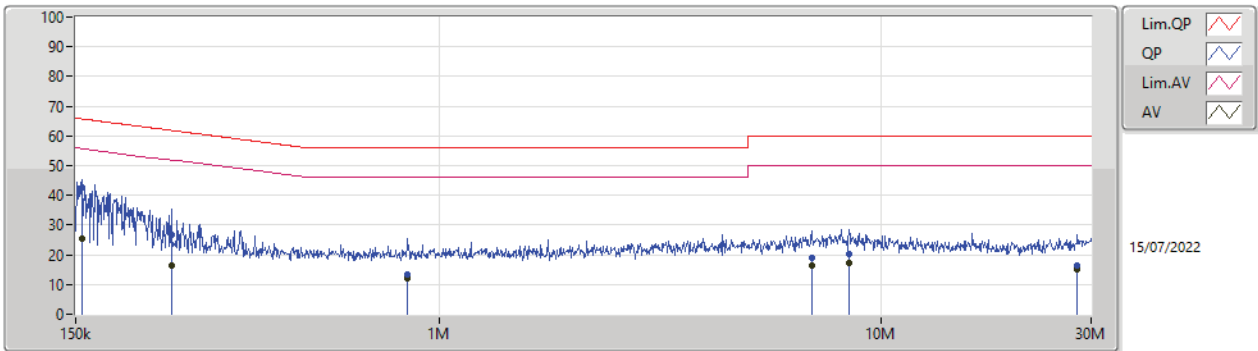
Legend for the graph:

- Lim.QP (Red line with triangles)
- QP (Blue line with triangles)
- Lim.AV (Red line with squares)
- AV (Blue line with squares)

15/07/2022

Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	153.024k	42.96	65.83	-22.87	19.63	Line	-	23.33	9.69	0.03	9.91
AV	153.024k	26.21	55.83	-29.62	19.63	Line	-	6.58	9.69	0.03	9.91
QP	207.263k	33.19	63.30	-30.11	19.63	Line	-	13.56	9.69	0.03	9.91
AV	207.263k	20.49	53.30	-32.81	19.63	Line	-	0.86	9.69	0.03	9.91
QP	353.867k	32.85	58.87	-26.02	19.63	Line	-	13.22	9.68	0.04	9.91
AV	353.867k	29.38	48.87	-19.49	19.63	Line	-	9.75	9.68	0.04	9.91
QP	2.091M	15.07	56.00	-40.93	19.70	Line	-	-4.63	9.70	0.08	9.92
AV	2.091M	13.56	46.00	-32.44	19.70	Line	-	-6.14	9.70	0.08	9.92
QP	8.626M	17.58	60.00	-42.42	19.89	Line	-	-2.31	9.79	0.17	9.93
AV	8.626M	15.80	50.00	-34.20	19.89	Line	-	-4.09	9.79	0.17	9.93
QP	15.205M	15.33	60.00	-44.67	19.97	Line	-	-4.64	9.80	0.24	9.93
AV	15.205M	14.01	50.00	-35.99	19.97	Line	-	-5.96	9.80	0.24	9.93

Conducted Emissions at Powerline\_Mode 1



Legend for the graph:

- Lim.QP (Red line with triangles)
- QP (Blue line with triangles)
- Lim.AV (Red line with squares)
- AV (Blue line with squares)

15/07/2022

Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	155.487k	42.57	65.69	-23.12	19.67	Neutral	-	22.90	9.73	0.03	9.91
AV	155.487k	25.46	55.69	-30.23	19.67	Neutral	-	5.79	9.73	0.03	9.91
QP	247.062k	26.51	61.85	-35.34	19.66	Neutral	-	6.85	9.72	0.03	9.91
AV	247.062k	16.22	51.85	-35.63	19.66	Neutral	-	-3.44	9.72	0.03	9.91
QP	848.248k	13.54	56.00	-42.46	19.70	Neutral	-	-6.16	9.73	0.05	9.92
AV	848.248k	12.20	46.00	-33.80	19.70	Neutral	-	-7.50	9.73	0.05	9.92
QP	6.981M	18.89	60.00	-41.11	19.93	Neutral	-	-1.04	9.84	0.16	9.93
AV	6.981M	16.43	50.00	-33.57	19.93	Neutral	-	-3.50	9.84	0.16	9.93
QP	8.489M	20.18	60.00	-39.82	19.97	Neutral	-	0.21	9.87	0.17	9.93
AV	8.489M	17.09	50.00	-32.91	19.97	Neutral	-	-2.88	9.87	0.17	9.93
QP	27.895M	16.28	60.00	-43.72	20.38	Neutral	-	-4.10	10.11	0.33	9.94
AV	27.895M	15.23	50.00	-34.77	20.38	Neutral	-	-5.15	10.11	0.33	9.94





**Summary**

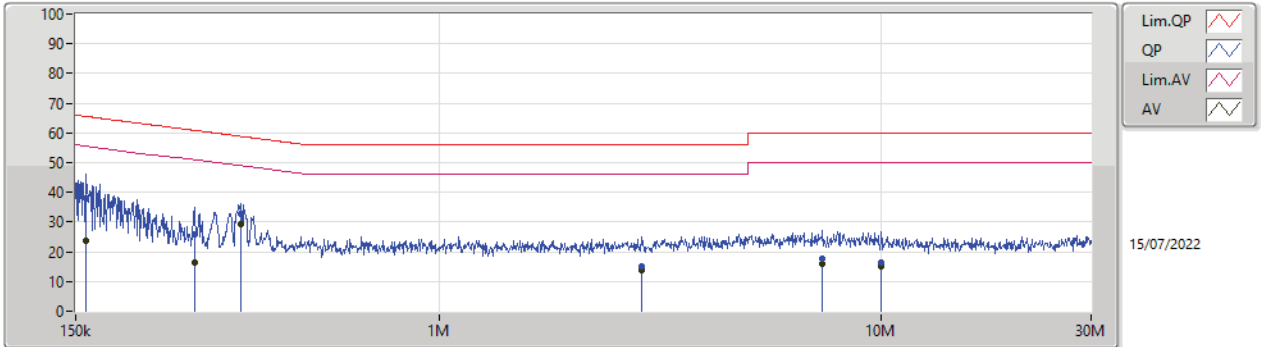
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	355.282k	29.44	48.83	-19.39	Line



Mode Configure

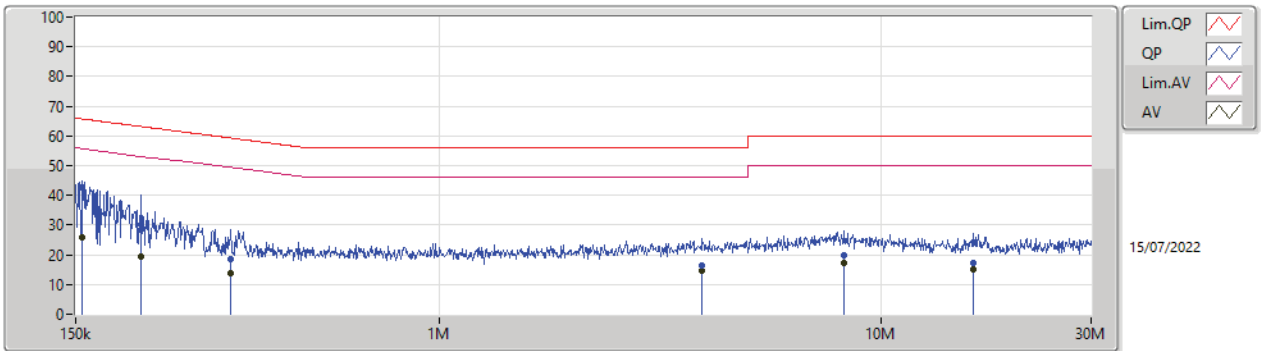
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	158.622k	38.08	65.54	-27.46	Line	-
Mode 1	Pass	AV	158.622k	23.79	55.54	-31.75	Line	-
Mode 1	Pass	QP	278.495k	25.71	60.86	-35.15	Line	-
Mode 1	Pass	AV	278.495k	16.36	50.86	-34.50	Line	-
Mode 1	Pass	QP	355.282k	32.90	58.83	-25.93	Line	-
Mode 1	Pass	AV	355.282k	29.44	48.83	-19.39	Line	-
Mode 1	Pass	QP	2.866M	15.06	56.00	-40.94	Line	-
Mode 1	Pass	AV	2.866M	13.83	46.00	-32.17	Line	-
Mode 1	Pass	QP	7.382M	17.81	60.00	-42.19	Line	-
Mode 1	Pass	AV	7.382M	15.84	50.00	-34.16	Line	-
Mode 1	Pass	QP	10.039M	16.51	60.00	-43.49	Line	-
Mode 1	Pass	AV	10.039M	15.13	50.00	-34.87	Line	-
Mode 1	Pass	QP	154.868k	42.82	65.73	-22.91	Neutral	-
Mode 1	Pass	AV	154.868k	25.86	55.73	-29.87	Neutral	-
Mode 1	Pass	QP	211.442k	30.12	63.15	-33.03	Neutral	-
Mode 1	Pass	AV	211.442k	19.23	53.15	-33.92	Neutral	-
Mode 1	Pass	QP	337.314k	18.38	59.27	-40.89	Neutral	-
Mode 1	Pass	AV	337.314k	13.59	49.27	-35.68	Neutral	-
Mode 1	Pass	QP	3.945M	16.26	56.00	-39.74	Neutral	-
Mode 1	Pass	AV	3.945M	14.76	46.00	-31.24	Neutral	-
Mode 1	Pass	QP	8.288M	20.02	60.00	-39.98	Neutral	-
Mode 1	Pass	AV	8.288M	17.09	50.00	-32.91	Neutral	-
Mode 1	Pass	QP	16.273M	17.18	60.00	-42.82	Neutral	-
Mode 1	Pass	AV	16.273M	15.25	50.00	-34.75	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	158.622k	38.08	65.54	-27.46	19.63	Line	-	18.45	9.69	0.03	9.91
AV	158.622k	23.79	55.54	-31.75	19.63	Line	-	4.16	9.69	0.03	9.91
QP	278.495k	25.71	60.86	-35.15	19.63	Line	-	6.08	9.69	0.03	9.91
AV	278.495k	16.36	50.86	-34.50	19.63	Line	-	-3.27	9.69	0.03	9.91
QP	355.282k	32.90	58.83	-25.93	19.63	Line	-	13.27	9.68	0.04	9.91
AV	355.282k	29.44	48.83	-19.39	19.63	Line	-	9.81	9.68	0.04	9.91
QP	2.866M	15.06	56.00	-40.94	19.74	Line	-	-4.68	9.71	0.11	9.92
AV	2.866M	13.83	46.00	-32.17	19.74	Line	-	-5.91	9.71	0.11	9.92
QP	7.382M	17.81	60.00	-42.19	19.87	Line	-	-2.06	9.78	0.16	9.93
AV	7.382M	15.84	50.00	-34.16	19.87	Line	-	-4.03	9.78	0.16	9.93
QP	10.039M	16.51	60.00	-43.49	19.92	Line	-	-3.41	9.81	0.18	9.93
AV	10.039M	15.13	50.00	-34.87	19.92	Line	-	-4.79	9.81	0.18	9.93

Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.868k	42.82	65.73	-22.91	19.67	Neutral	-	23.15	9.73	0.03	9.91
AV	154.868k	25.86	55.73	-29.87	19.67	Neutral	-	6.19	9.73	0.03	9.91
QP	211.442k	30.12	63.15	-33.03	19.66	Neutral	-	10.46	9.72	0.03	9.91
AV	211.442k	19.23	53.15	-33.92	19.66	Neutral	-	-0.43	9.72	0.03	9.91
QP	337.314k	18.38	59.27	-40.89	19.67	Neutral	-	-1.29	9.72	0.04	9.91
AV	337.314k	13.59	49.27	-35.68	19.67	Neutral	-	-6.08	9.72	0.04	9.91
QP	3.945M	16.26	56.00	-39.74	19.81	Neutral	-	-3.55	9.76	0.13	9.92
AV	3.945M	14.76	46.00	-31.24	19.81	Neutral	-	-5.05	9.76	0.13	9.92
QP	8.288M	20.02	60.00	-39.98	19.96	Neutral	-	0.06	9.86	0.17	9.93
AV	8.288M	17.09	50.00	-32.91	19.96	Neutral	-	-2.87	9.86	0.17	9.93
QP	16.273M	17.18	60.00	-42.82	20.14	Neutral	-	-2.96	9.96	0.25	9.93
AV	16.273M	15.25	50.00	-34.75	20.14	Neutral	-	-4.89	9.96	0.25	9.93



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	30.42M	17.601M	17M7D1D	21.42M	16.942M
802.11ax HEW20_Nss1,(MCS0)_4TX	29.07M	19.28M	19M3D1D	21.54M	19.1M
802.11ax HEW40_Nss1,(MCS0)_4TX	43.74M	38.141M	38M2D1D	40.32M	37.901M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.44M	77.721M	77M8D1D	81.72M	77.601M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	17.901M	18M0D1D	16.32M	17.241M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.99M	19.37M	19M4D1D	18.9M	19.22M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	38.501M	38M6D1D	37.38M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.52M	77.841M	77M9D1D	77.16M	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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.57M	17.151M	21.6M	17.091M	21.42M	16.972M	21.63M	16.942M
5200MHz	Pass	Inf	24.9M	17.331M	23.76M	17.151M	24.6M	17.121M	25.59M	17.211M
5240MHz	Pass	Inf	30.3M	17.601M	26.79M	17.271M	25.5M	17.181M	30.42M	17.421M
5745MHz	Pass	500k	16.32M	17.571M	16.35M	17.781M	16.35M	17.571M	16.35M	17.241M
5785MHz	Pass	500k	16.32M	17.451M	16.32M	17.901M	16.32M	17.571M	16.35M	17.271M
5825MHz	Pass	500k	16.35M	17.571M	16.32M	17.781M	16.32M	17.511M	16.35M	17.271M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.66M	19.16M	21.63M	19.13M	21.54M	19.1M	21.75M	19.13M
5200MHz	Pass	Inf	23.61M	19.28M	21.78M	19.22M	26.67M	19.22M	27.72M	19.25M
5240MHz	Pass	Inf	29.07M	19.28M	21.84M	19.16M	23.04M	19.19M	27.09M	19.28M
5745MHz	Pass	500k	18.96M	19.25M	18.93M	19.37M	18.93M	19.31M	18.93M	19.22M
5785MHz	Pass	500k	18.99M	19.31M	18.9M	19.37M	18.9M	19.28M	18.96M	19.22M
5825MHz	Pass	500k	18.9M	19.28M	18.93M	19.31M	18.93M	19.34M	18.9M	19.25M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.961M	40.32M	37.961M	40.62M	37.901M	40.62M	37.901M
5230MHz	Pass	Inf	43.74M	38.141M	40.62M	37.961M	40.38M	38.081M	41.22M	38.081M
5755MHz	Pass	500k	37.62M	38.201M	37.44M	38.501M	37.62M	38.261M	37.62M	38.141M
5795MHz	Pass	500k	37.8M	38.201M	37.38M	38.501M	37.5M	38.261M	37.62M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.44M	77.721M	82.32M	77.601M	81.72M	77.721M	82.08M	77.601M
5775MHz	Pass	500k	77.16M	77.721M	77.52M	77.721M	77.52M	77.841M	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

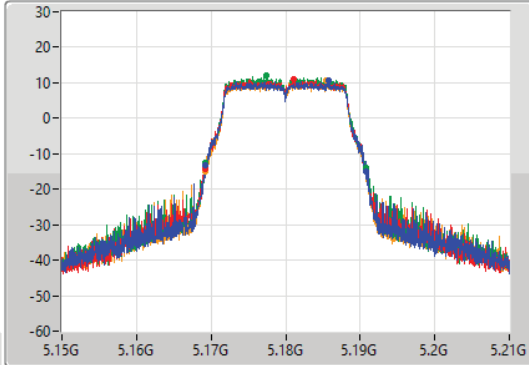
802.11a\_Nss1,(6Mbps)\_4TX

EBW

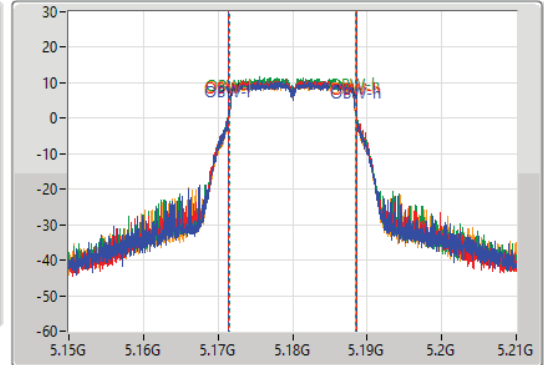
5180MHz

27/07/2022

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.1692G	5.19077G	17.151M	5.171424G	5.188576G	Inf	1
21.6M	5.16914G	5.19074G	17.091M	5.171454G	5.188546G	Inf	2
21.42M	5.16929G	5.19071G	16.972M	5.171514G	5.188486G	Inf	3
21.63M	5.16917G	5.1908G	16.942M	5.171514G	5.188456G	Inf	4

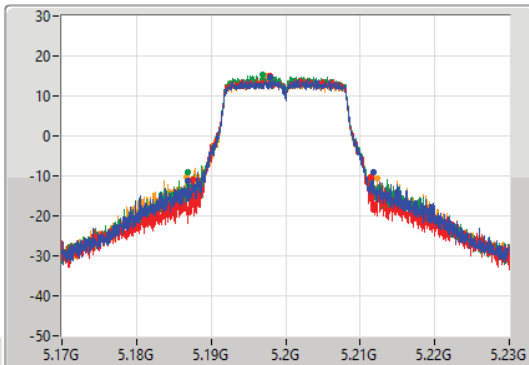
802.11a\_Nss1,(6Mbps)\_4TX

EBW

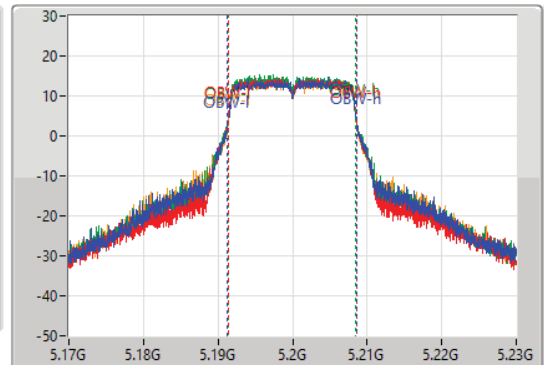
5200MHz

27/07/2022

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.9M	5.18686G	5.21176G	17.331M	5.191304G	5.208636G	Inf	1
23.76M	5.18761G	5.21137G	17.151M	5.191394G	5.208546G	Inf	2
24.6M	5.18689G	5.21149G	17.121M	5.191394G	5.208516G	Inf	3
25.59M	5.18677G	5.21236G	17.211M	5.191334G	5.208546G	Inf	4

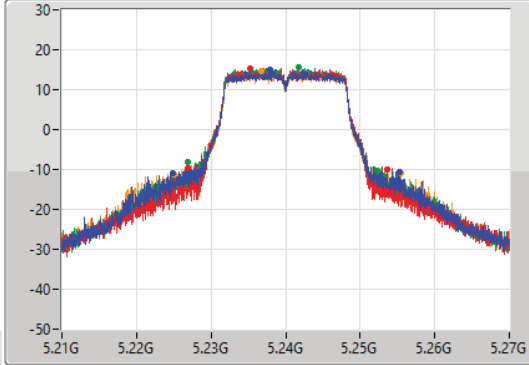
802.11a\_Nss1,(6Mbps)\_4TX

EBW

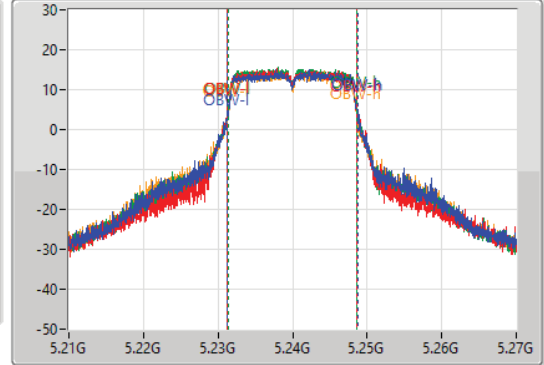
5240MHz

27/07/2022

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
30.3M	5.22491G	5.25521G	17.601M	5.231154G	5.248756G	Inf	1
26.79M	5.22683G	5.25362G	17.271M	5.231304G	5.248576G	Inf	2
25.5M	5.22683G	5.25233G	17.181M	5.231364G	5.248546G	Inf	3
30.42M	5.22512G	5.25554G	17.421M	5.231184G	5.248606G	Inf	4

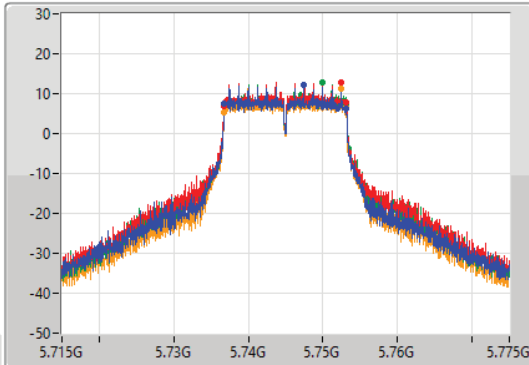
802.11a\_Nss1,(6Mbps)\_4TX

EBW

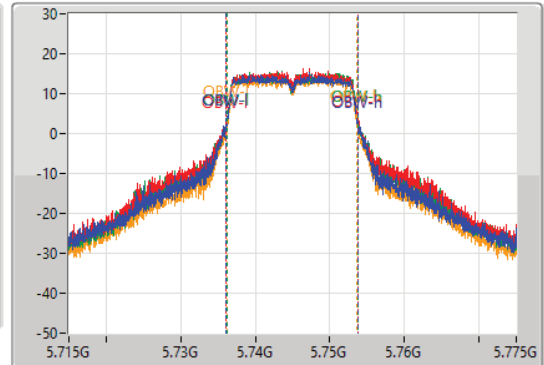
5745MHz

27/07/2022

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.73681G	5.75313G	17.571M	5.736124G	5.753696G	500k	1
16.35M	5.73678G	5.75313G	17.781M	5.736064G	5.753846G	500k	2
16.35M	5.73678G	5.75313G	17.571M	5.736184G	5.753756G	500k	3
16.35M	5.73678G	5.75313G	17.241M	5.736304G	5.753546G	500k	4

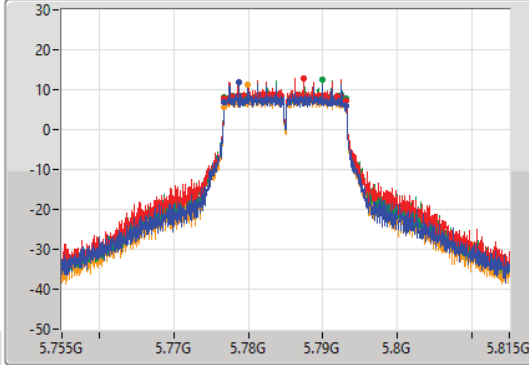
802.11a\_Nss1,(6Mbps)\_4TX

EBW

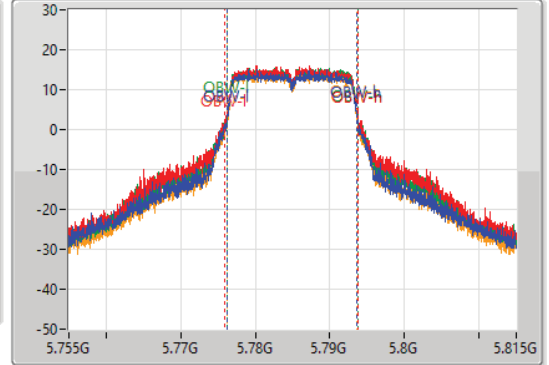
5785MHz

27/07/2022

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	17.451M	5.776184G	5.793636G	500k	1
16.32M	5.77681G	5.79313G	17.901M	5.775945G	5.793846G	500k	2
16.32M	5.77681G	5.79313G	17.571M	5.776184G	5.793756G	500k	3
16.35M	5.77678G	5.79313G	17.271M	5.776304G	5.793576G	500k	4

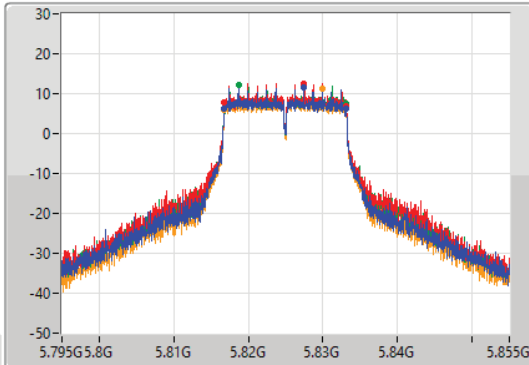
802.11a\_Nss1,(6Mbps)\_4TX

EBW

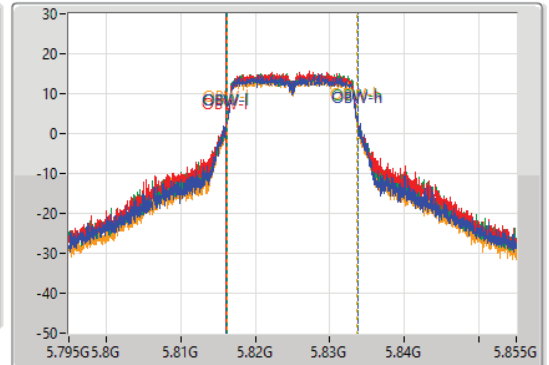
5825MHz

27/07/2022

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81678G	5.83313G	17.571M	5.816124G	5.833696G	500k	1
16.32M	5.81681G	5.83313G	17.781M	5.816004G	5.833786G	500k	2
16.32M	5.81681G	5.83313G	17.511M	5.816184G	5.833696G	500k	3
16.35M	5.81678G	5.83313G	17.271M	5.816274G	5.833546G	500k	4





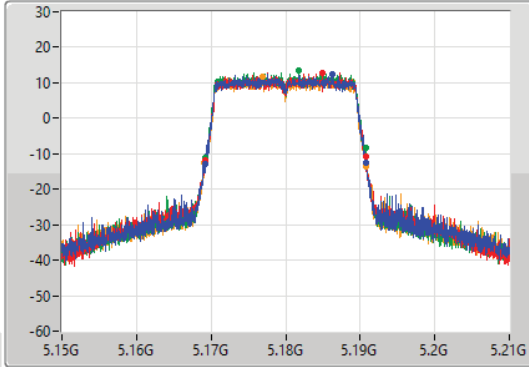
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

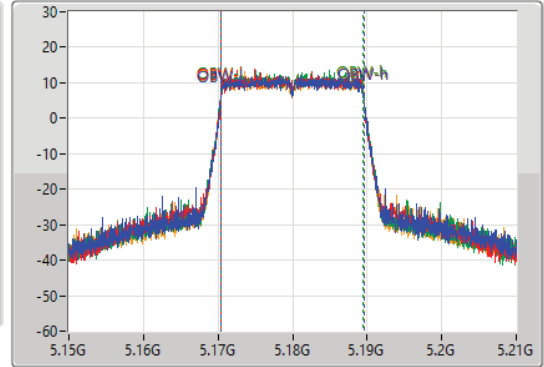
5180MHz

27/07/2022

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.16917G	5.19083G	19.16M	5.170375G	5.189535G	Inf	1
21.63M	5.1692G	5.19083G	19.13M	5.170405G	5.189535G	Inf	2
21.54M	5.16926G	5.1908G	19.1M	5.170405G	5.189505G	Inf	3
21.75M	5.16911G	5.19086G	19.13M	5.170405G	5.189535G	Inf	4

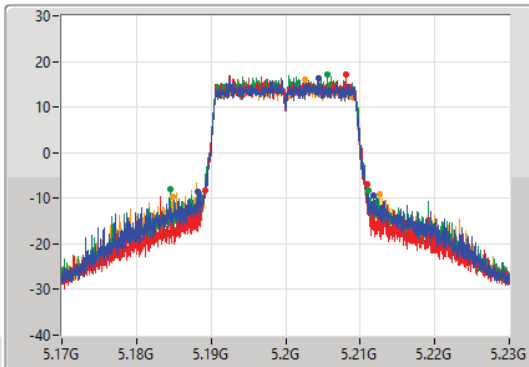
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

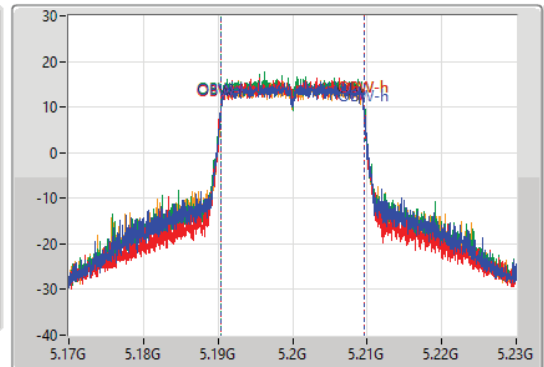
5200MHz

27/07/2022

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

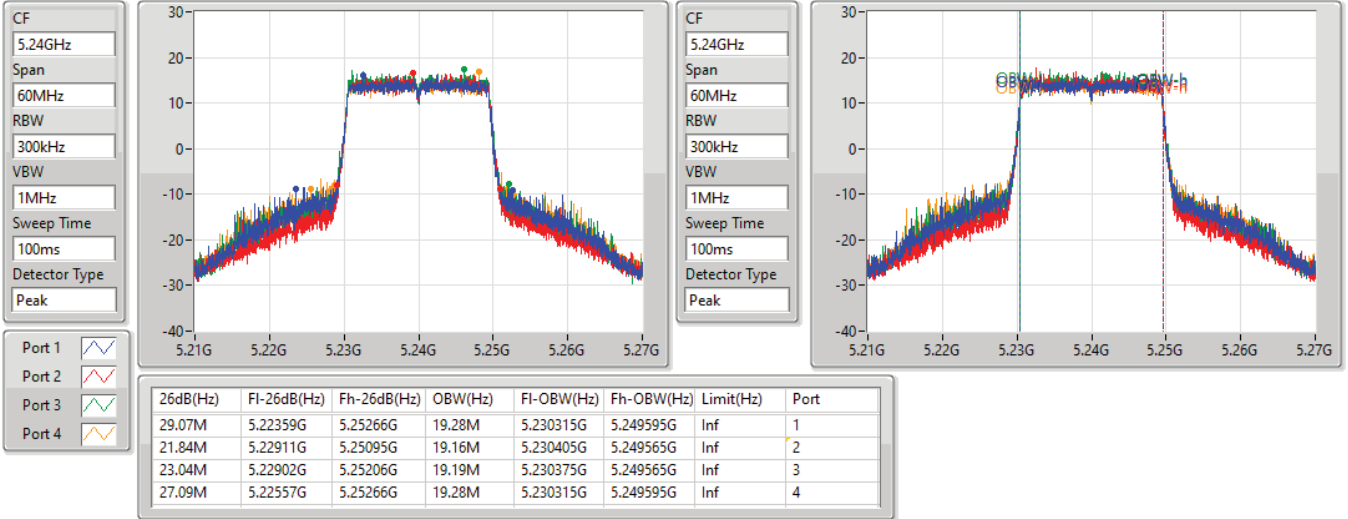
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.61M	5.18815G	5.21176G	19.28M	5.190315G	5.209595G	Inf	1
21.78M	5.18914G	5.21092G	19.22M	5.190345G	5.209565G	Inf	2
26.67M	5.18446G	5.21113G	19.22M	5.190345G	5.209565G	Inf	3
27.72M	5.18482G	5.21254G	19.25M	5.190345G	5.209595G	Inf	4

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5240MHz

27/07/2022

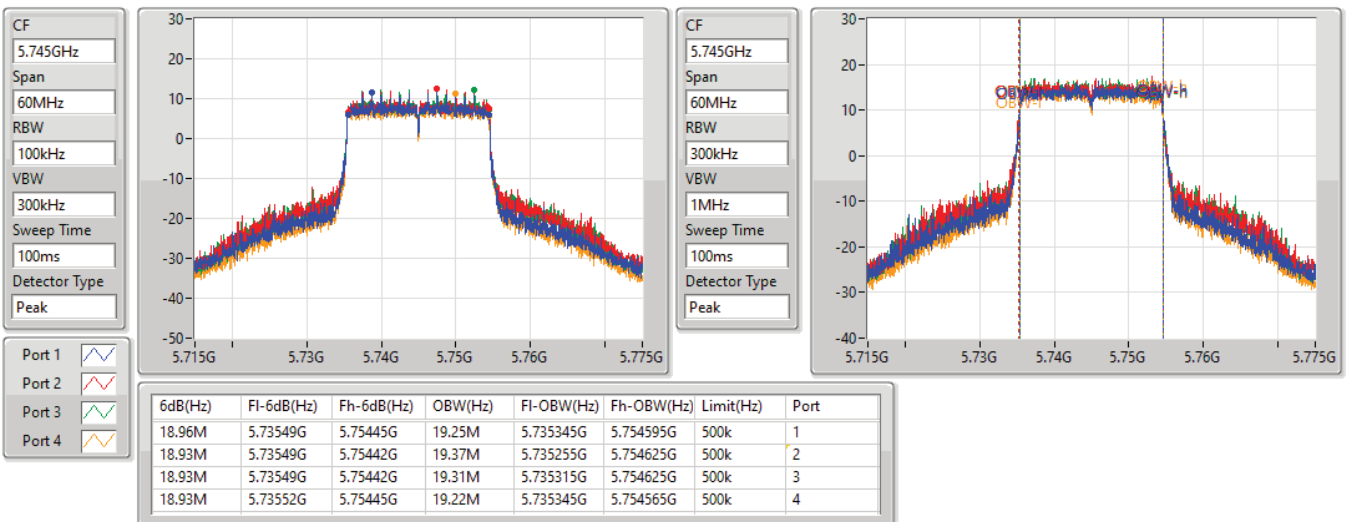


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5745MHz

27/07/2022

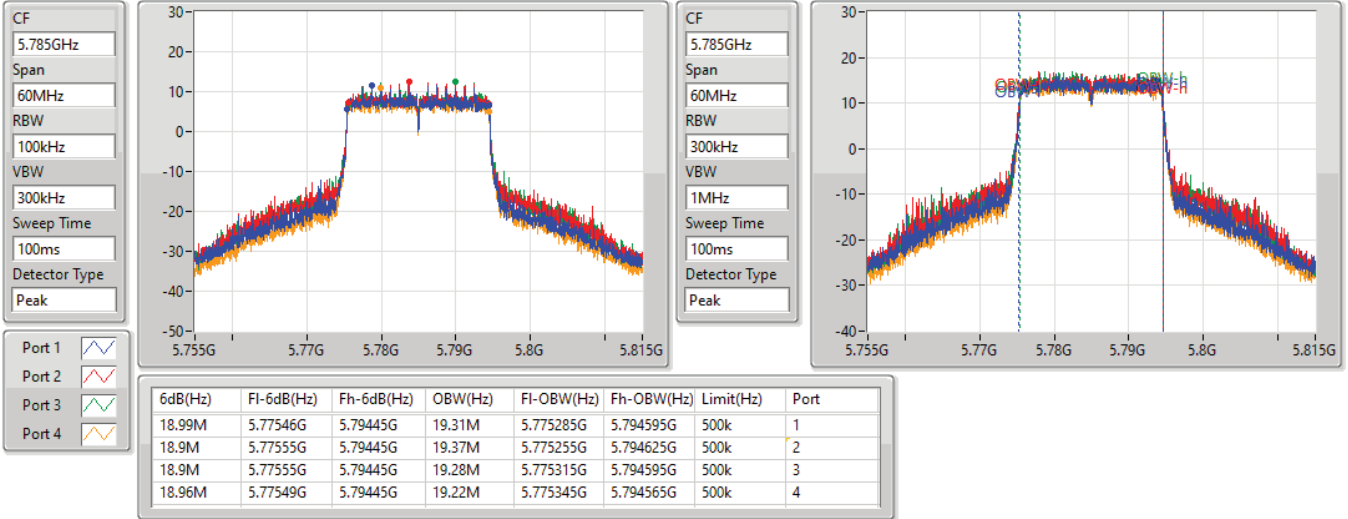


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5785MHz

27/07/2022

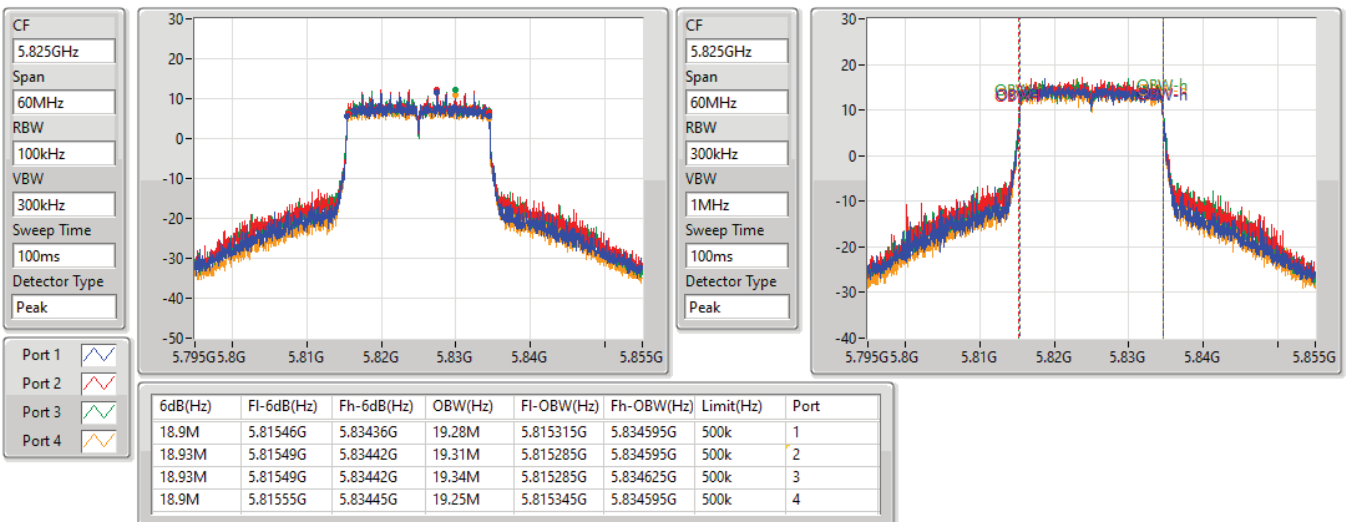


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5825MHz

27/07/2022



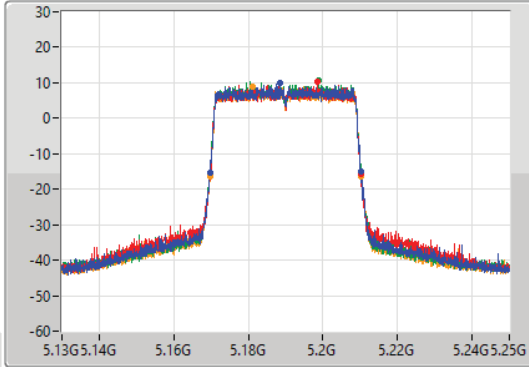
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

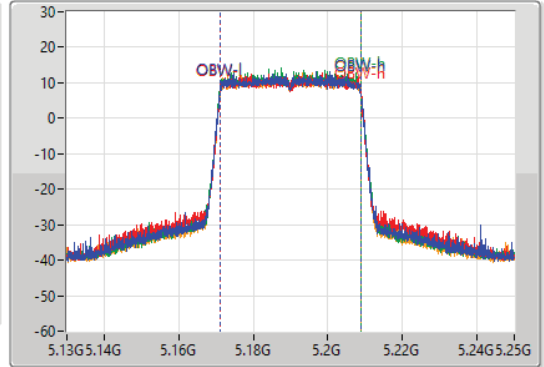
5190MHz

27/07/2022

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.16972G	5.21022G	37.961M	5.17099G	5.208951G	Inf	1
40.32M	5.16984G	5.21016G	37.961M	5.17099G	5.208951G	Inf	2
40.62M	5.16966G	5.21028G	37.901M	5.17099G	5.208891G	Inf	3
40.62M	5.16972G	5.21034G	37.901M	5.17099G	5.208891G	Inf	4

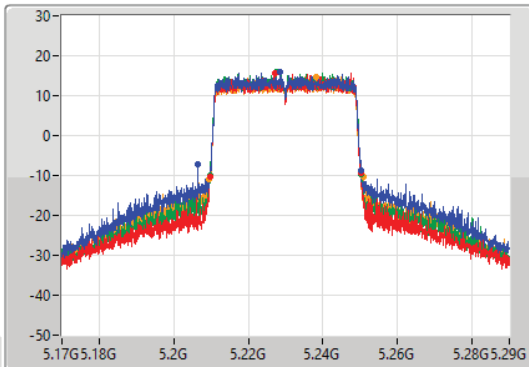
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

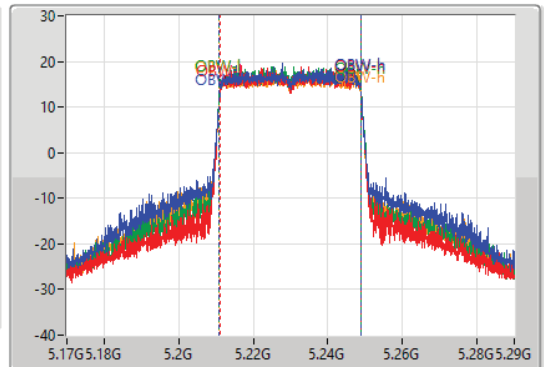
5230MHz

27/07/2022

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.74M	5.20648G	5.25022G	38.141M	5.21087G	5.24901G	Inf	1
40.62M	5.20966G	5.25028G	37.961M	5.21099G	5.248951G	Inf	2
40.38M	5.20972G	5.2501G	38.081M	5.21093G	5.24901G	Inf	3
41.22M	5.2096G	5.25082G	38.081M	5.21093G	5.24901G	Inf	4

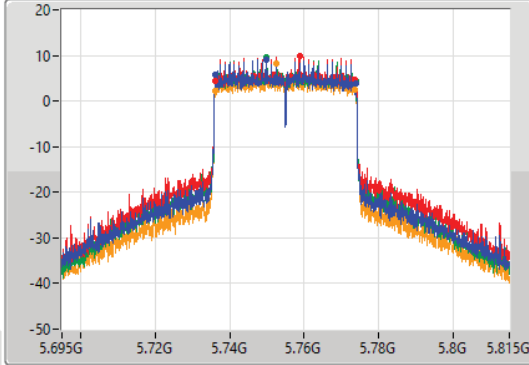
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

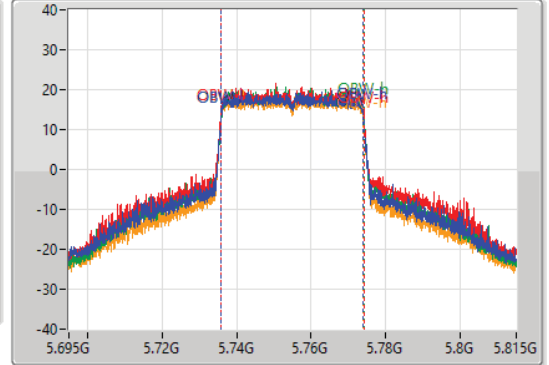
5755MHz

27/07/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.73616G	5.77378G	38.201M	5.73581G	5.77401G	500k	1
37.44M	5.73616G	5.7736G	38.501M	5.73569G	5.77419G	500k	2
37.62M	5.7361G	5.77372G	38.261M	5.73581G	5.77407G	500k	3
37.62M	5.73604G	5.77366G	38.141M	5.73587G	5.77401G	500k	4

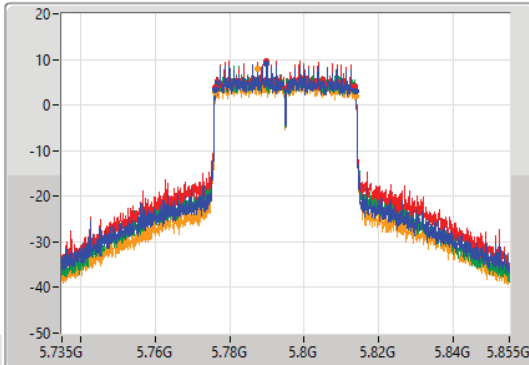
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

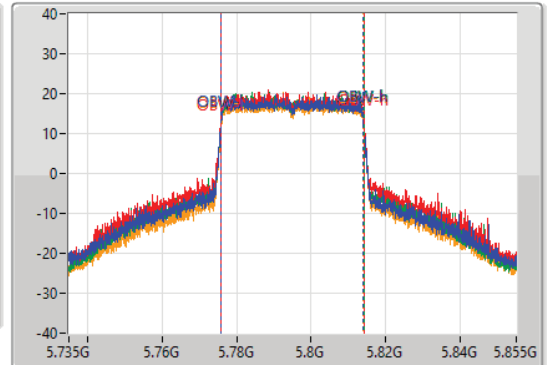
5795MHz

27/07/2022

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



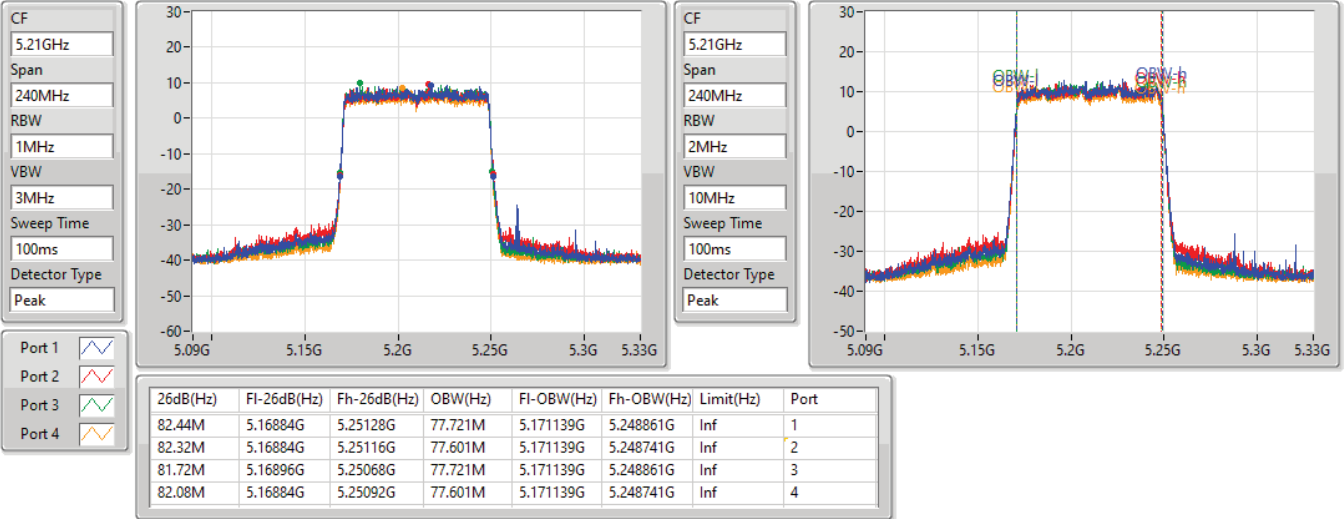
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.77598G	5.81378G	38.201M	5.77581G	5.81401G	500k	1
37.38M	5.7761G	5.81348G	38.501M	5.77569G	5.81419G	500k	2
37.5M	5.77616G	5.81366G	38.261M	5.77581G	5.81407G	500k	3
37.62M	5.7761G	5.81372G	38.141M	5.77587G	5.81401G	500k	4

802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5210MHz

27/07/2022

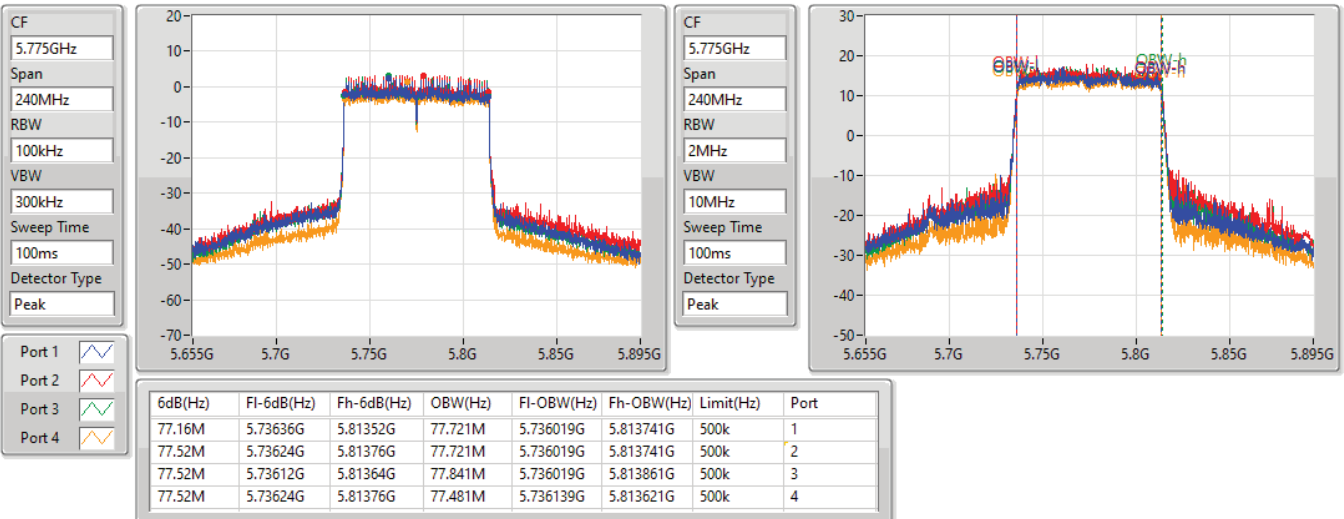


802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

5775MHz

27/07/2022





**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	31.47M	19.31M	19M4D1D	21.6M	19.13M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	36.6M	19.25M	19M3D1D	21.51M	19.07M
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	30.6M	19.31M	19M4D1D	21.42M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	63.36M	38.321M	38M4D1D	40.44M	37.901M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	58.26M	38.081M	38M1D1D	40.38M	37.901M
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	52.8M	38.081M	38M1D1D	40.38M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.841M	77M9D1D	81M	77.361M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	82.2M	77.601M	77M7D1D	80.76M	77.241M
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	82.08M	77.601M	77M7D1D	81M	77.361M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.99M	19.64M	19M7D1D	18.63M	19.28M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	19.02M	19.55M	19M6D1D	18.87M	19.16M
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	19.11M	19.37M	19M4D1D	18.99M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.92M	38.861M	38M9D1D	36.66M	38.141M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	38.04M	38.861M	38M9D1D	36.54M	38.141M
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	37.98M	38.621M	38M7D1D	33.6M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.56M	78.681M	78M7D1D	66.48M	77.961M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	78.12M	78.201M	78M3D1D	48.24M	77.961M
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	77.88M	78.201M	78M3D1D	74.4M	77.721M

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



Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.6M	19.16M	21.78M	19.13M	21.63M	19.25M	21.75M	19.13M
5200MHz	Pass	Inf	31.47M	19.25M	26.01M	19.16M	26.7M	19.25M	27.48M	19.31M
5240MHz	Pass	Inf	27.45M	19.22M	24.3M	19.22M	27.99M	19.31M	30.12M	19.28M
5745MHz	Pass	500k	18.63M	19.28M	18.87M	19.49M	18.9M	19.4M	18.9M	19.34M
5785MHz	Pass	500k	18.99M	19.49M	18.99M	19.64M	18.9M	19.46M	18.93M	19.34M
5825MHz	Pass	500k	18.66M	19.31M	18.78M	19.46M	18.99M	19.43M	18.96M	19.31M
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.57M	19.07M	21.96M	19.1M	21.51M	19.07M	21.66M	19.1M
5200MHz	Pass	Inf	26.01M	19.16M	23.73M	19.19M	22.41M	19.16M	27.69M	19.25M
5240MHz	Pass	Inf	27.09M	19.19M	23.31M	19.19M	24.93M	19.16M	36.6M	19.25M
5745MHz	Pass	500k	18.9M	19.22M	18.87M	19.25M	18.99M	19.37M	18.99M	19.19M
5785MHz	Pass	500k	18.99M	19.28M	18.96M	19.43M	19.02M	19.31M	19.02M	19.16M
5825MHz	Pass	500k	18.99M	19.31M	18.96M	19.55M	18.99M	19.28M	18.87M	19.22M
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.51M	19.07M	21.42M	19.07M	21.75M	19.1M	21.6M	19.07M
5200MHz	Pass	Inf	26.46M	19.22M	21.75M	19.13M	25.47M	19.13M	25.89M	19.25M
5240MHz	Pass	Inf	25.71M	19.19M	21.6M	19.19M	25.02M	19.19M	30.6M	19.31M
5745MHz	Pass	500k	18.99M	19.28M	19.05M	19.37M	19.08M	19.28M	19.08M	19.22M
5785MHz	Pass	500k	19.02M	19.22M	19.11M	19.25M	18.99M	19.31M	19.05M	19.16M
5825MHz	Pass	500k	18.99M	19.28M	18.99M	19.31M	19.02M	19.31M	19.05M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.62M	37.961M	40.62M	38.021M	40.8M	37.961M	40.44M	37.901M
5230MHz	Pass	Inf	63.36M	38.261M	40.44M	38.021M	40.86M	38.141M	54.48M	38.321M
5755MHz	Pass	500k	37.74M	38.261M	37.56M	38.561M	37.38M	38.321M	37.62M	38.141M
5795MHz	Pass	500k	37.92M	38.321M	37.32M	38.861M	36.66M	38.381M	37.68M	38.261M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.56M	37.961M	40.44M	37.901M	40.38M	37.961M	40.86M	37.901M
5230MHz	Pass	Inf	58.26M	38.081M	40.68M	38.021M	40.56M	38.021M	42.36M	38.021M
5755MHz	Pass	500k	37.8M	38.261M	37.68M	38.681M	36.54M	38.321M	38.04M	38.201M
5795MHz	Pass	500k	37.62M	38.381M	37.92M	38.861M	37.74M	38.381M	37.56M	38.141M
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.5M	37.901M	40.92M	37.961M	40.5M	37.961M	40.68M	37.841M
5230MHz	Pass	Inf	52.8M	38.081M	40.38M	38.021M	43.2M	38.081M	40.56M	38.081M
5755MHz	Pass	500k	37.62M	38.381M	37.26M	38.501M	37.8M	38.621M	37.92M	38.141M
5795MHz	Pass	500k	37.86M	38.321M	37.98M	38.441M	37.98M	38.441M	33.6M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.6M	77.481M	81.48M	77.841M	81.72M	77.721M	81M	77.361M
5775MHz	Pass	500k	66.48M	78.201M	76.08M	78.681M	75.96M	77.961M	76.56M	78.201M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.76M	77.601M	80.76M	77.601M	82.2M	77.481M	80.88M	77.241M
5775MHz	Pass	500k	78.12M	78.201M	48.24M	77.961M	77.76M	78.081M	73.92M	78.081M
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81M	77.481M	81M	77.481M	81.72M	77.361M	82.08M	77.601M
5775MHz	Pass	500k	77.64M	77.721M	77.88M	78.201M	74.4M	77.961M	76.8M	78.081M

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

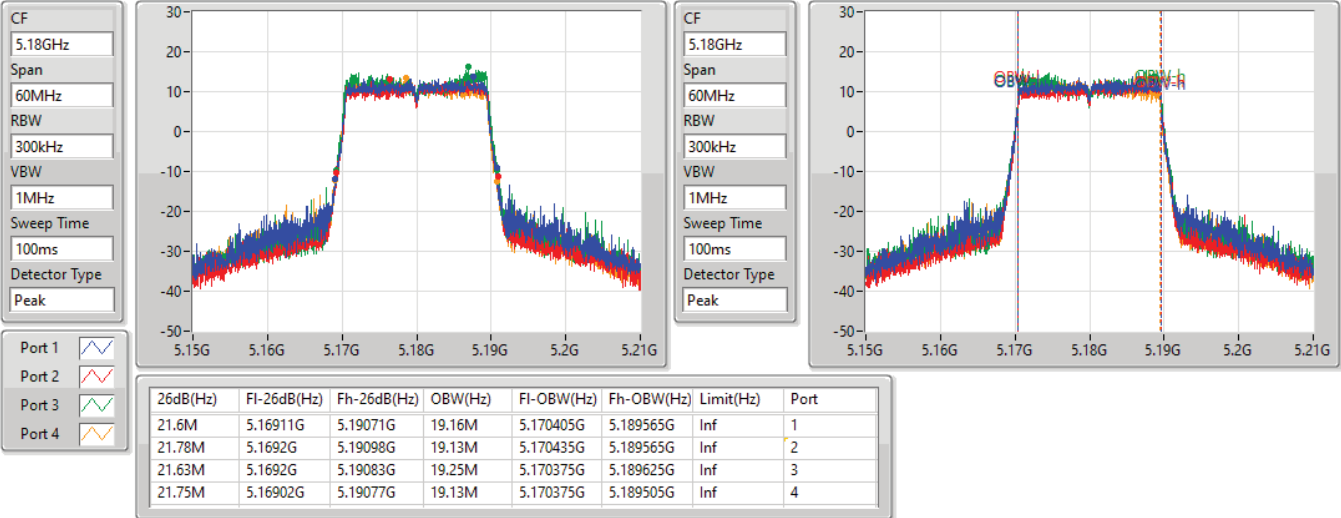


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5180MHz

27/07/2022

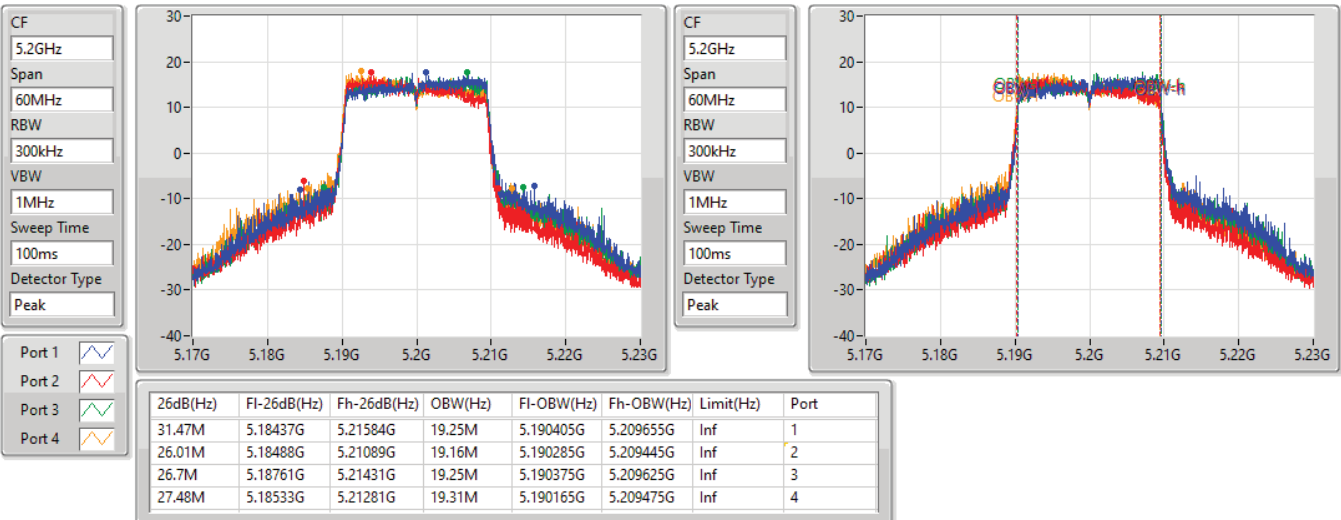


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5200MHz

27/07/2022



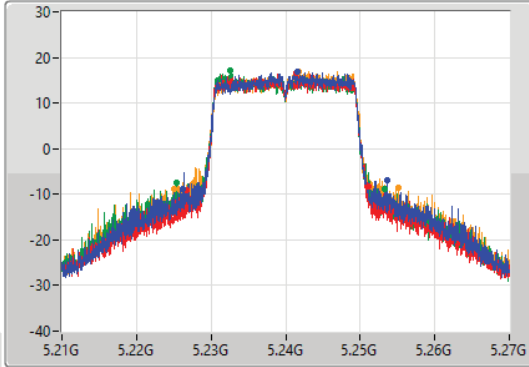
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

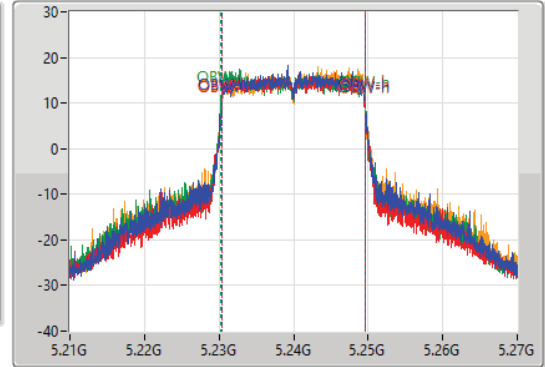
5240MHz

27/07/2022

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.45M	5.22623G	5.25368G	19.22M	5.230375G	5.249595G	Inf	1
24.3M	5.22677G	5.25107G	19.22M	5.230345G	5.249565G	Inf	2
27.99M	5.22533G	5.25332G	19.31M	5.230285G	5.249595G	Inf	3
30.12M	5.22503G	5.25515G	19.28M	5.230375G	5.249655G	Inf	4

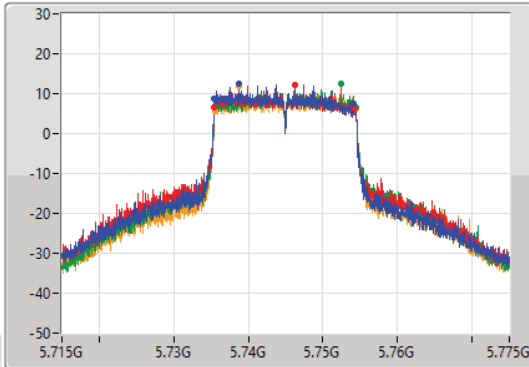
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

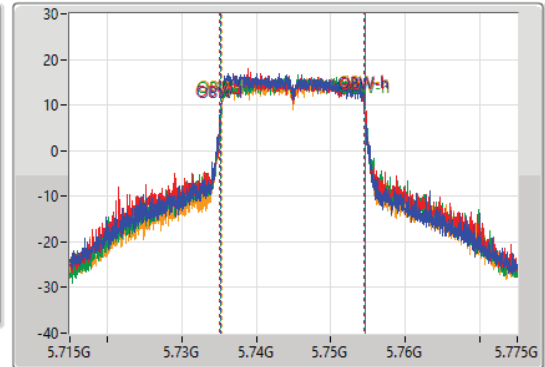
5745MHz

27/07/2022

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.63M	5.73546G	5.75409G	19.28M	5.735225G	5.754505G	500k	1
18.87M	5.7354G	5.75427G	19.49M	5.735135G	5.754625G	500k	2
18.9M	5.73546G	5.75436G	19.4M	5.735255G	5.754655G	500k	3
18.9M	5.73552G	5.75442G	19.34M	5.735315G	5.754655G	500k	4

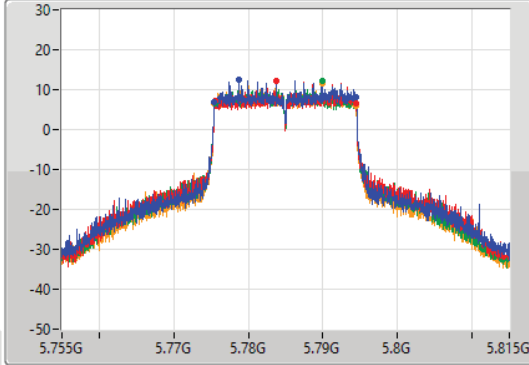
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

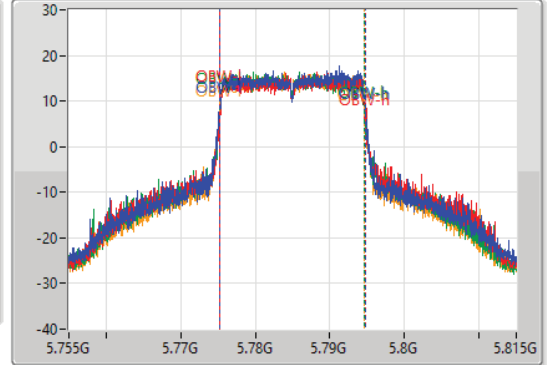
5785MHz

27/07/2022

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.77546G	5.79445G	19.49M	5.775225G	5.794715G	500k	1
18.99M	5.77549G	5.79448G	19.64M	5.775195G	5.794835G	500k	2
18.9M	5.77552G	5.79442G	19.46M	5.775195G	5.794655G	500k	3
18.93M	5.77546G	5.79439G	19.34M	5.775285G	5.794625G	500k	4

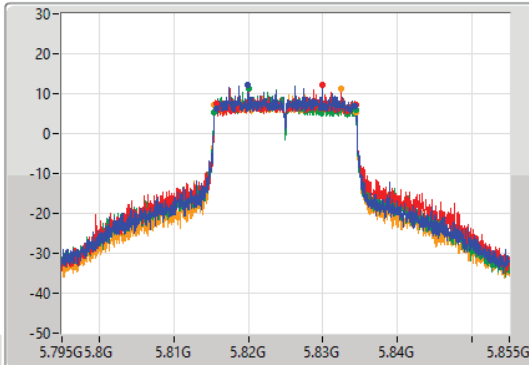
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

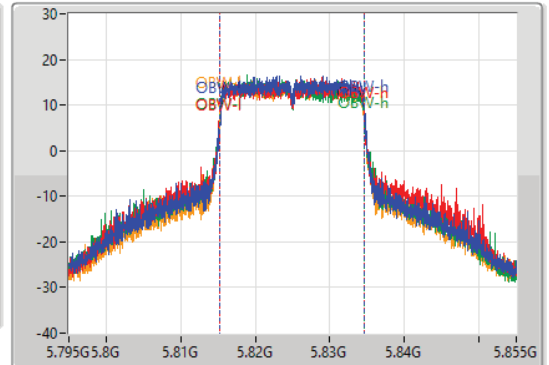
5825MHz

27/07/2022

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

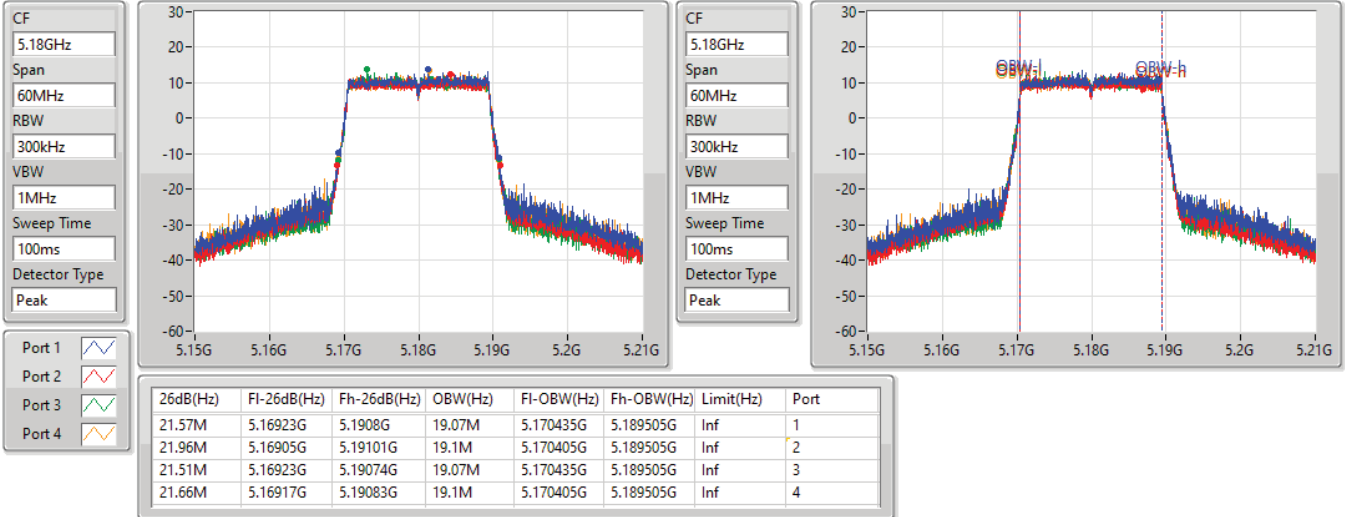
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.66M	5.81567G	5.83433G	19.31M	5.815285G	5.834595G	500k	1
18.78M	5.81567G	5.83445G	19.46M	5.815225G	5.834685G	500k	2
18.99M	5.81543G	5.83442G	19.43M	5.815195G	5.834625G	500k	3
18.96M	5.81546G	5.83442G	19.31M	5.815285G	5.834595G	500k	4

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

5180MHz

27/07/2022

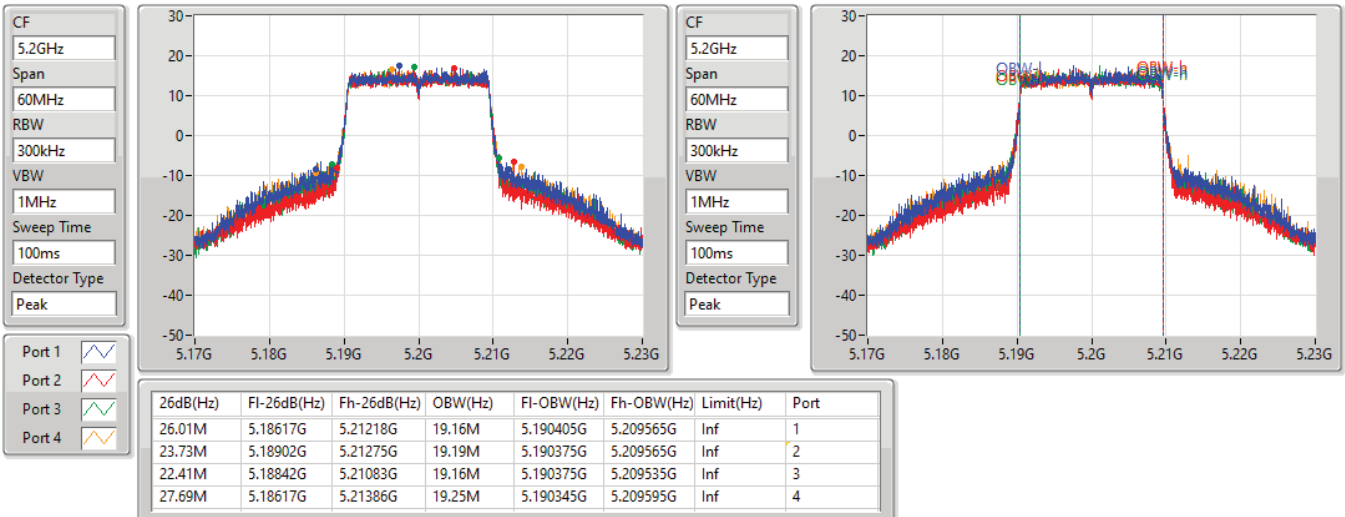


802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

5200MHz

27/07/2022



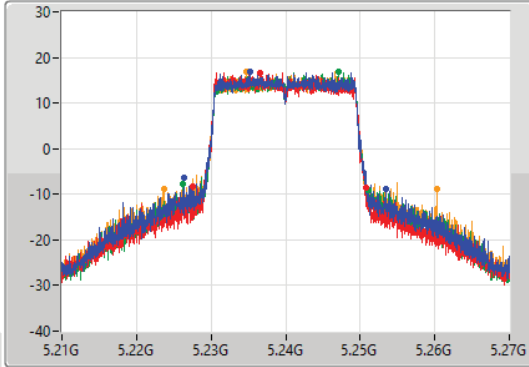
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

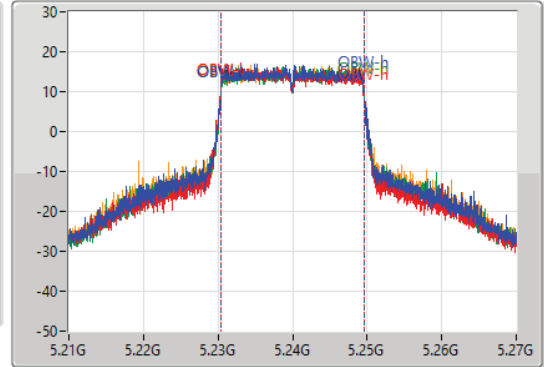
5240MHz

27/07/2022

CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.24GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.09M	5.22641G	5.2535G	19.19M	5.230375G	5.249565G	Inf	1
23.31M	5.22752G	5.25083G	19.19M	5.230345G	5.249535G	Inf	2
24.93M	5.22626G	5.25119G	19.16M	5.230405G	5.249565G	Inf	3
36.6M	5.22365G	5.26025G	19.25M	5.230315G	5.249565G	Inf	4

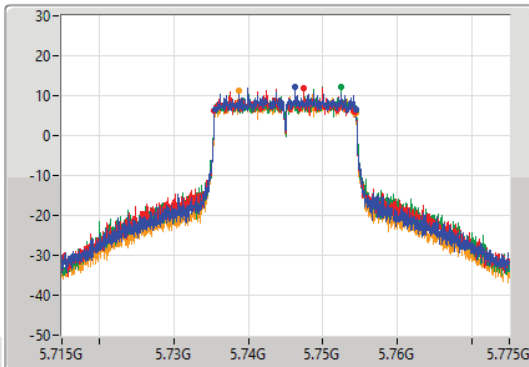
802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

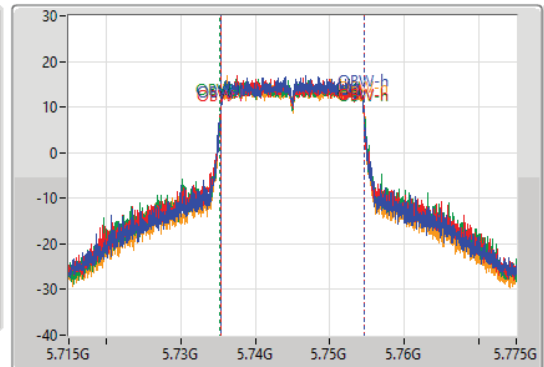
5745MHz

27/07/2022

CF  
5.745GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.745GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

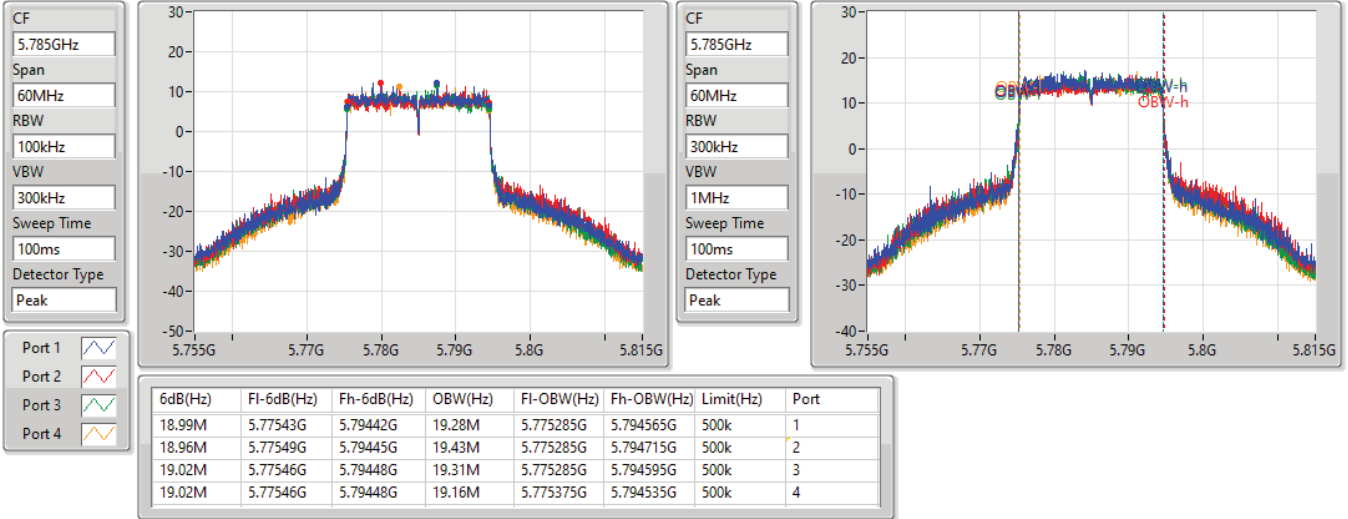
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73549G	5.75439G	19.22M	5.735315G	5.754535G	500k	1
18.87M	5.73543G	5.7543G	19.25M	5.735315G	5.754565G	500k	2
18.99M	5.73549G	5.75448G	19.37M	5.735285G	5.754655G	500k	3
18.99M	5.73549G	5.75448G	19.19M	5.735375G	5.754565G	500k	4

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

5785MHz

27/07/2022

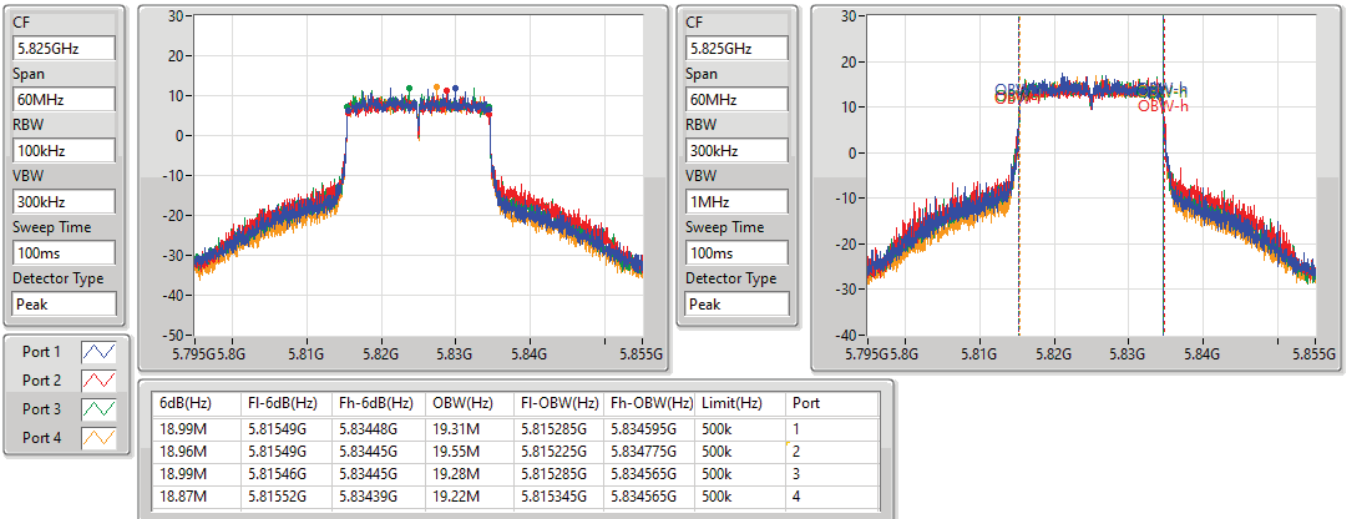


802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

EBW

5825MHz

27/07/2022



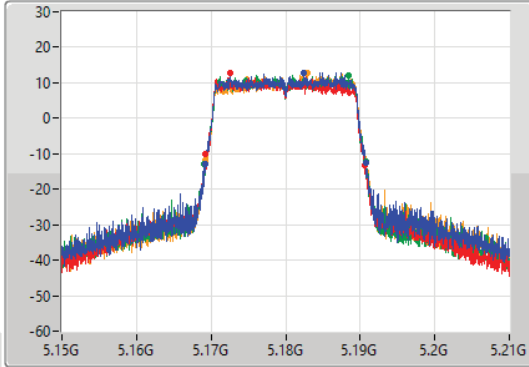
802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

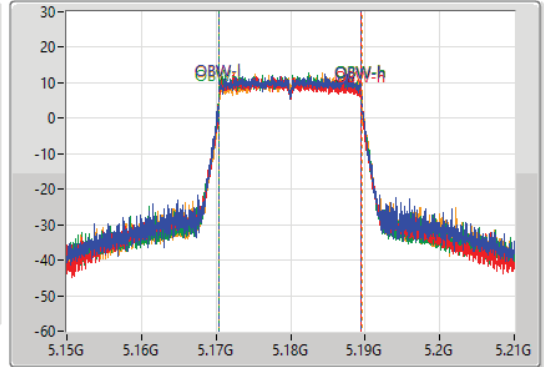
5180MHz

27/07/2022

CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.18GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.16923G	5.19074G	19.07M	5.170435G	5.189505G	Inf	1
21.42M	5.1692G	5.19062G	19.07M	5.170405G	5.189475G	Inf	2
21.75M	5.16908G	5.19083G	19.11M	5.170405G	5.189505G	Inf	3
21.6M	5.16917G	5.19077G	19.07M	5.170465G	5.189535G	Inf	4

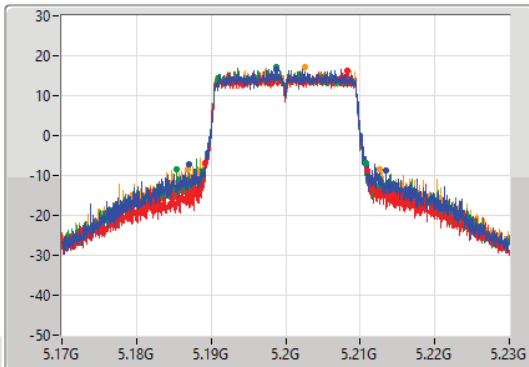
802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

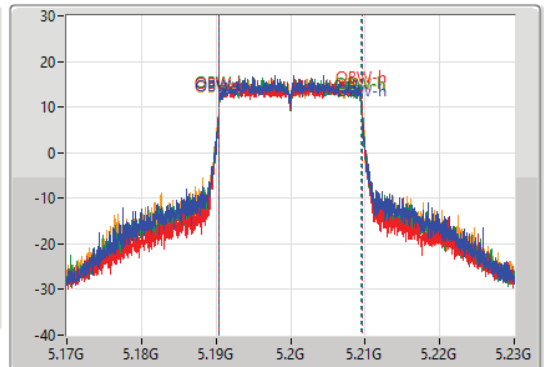
5200MHz

27/07/2022

CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.2GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.46M	5.18701G	5.21347G	19.22M	5.190345G	5.209565G	Inf	1
21.75M	5.18917G	5.21092G	19.13M	5.190405G	5.209535G	Inf	2
25.47M	5.18533G	5.2108G	19.13M	5.190375G	5.209505G	Inf	3
25.89M	5.1868G	5.21269G	19.25M	5.190345G	5.209595G	Inf	4

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

5240MHz

27/07/2022

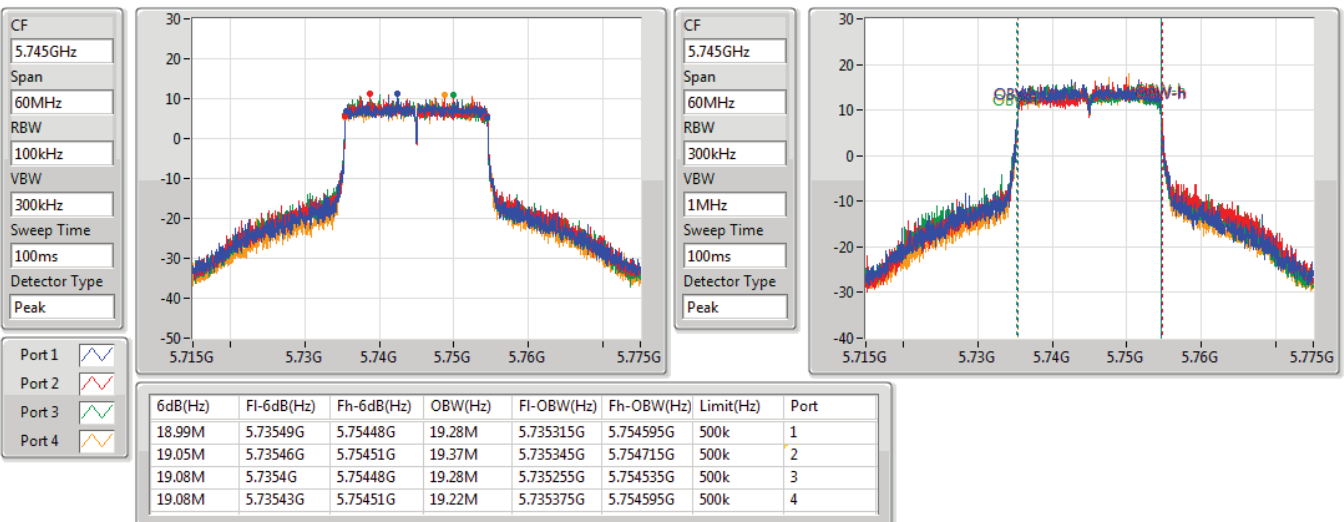


802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

5745MHz

31/07/2022





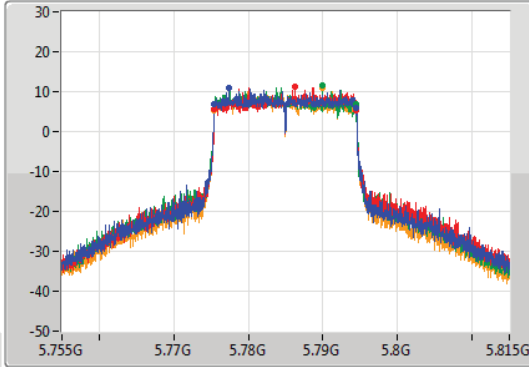
802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

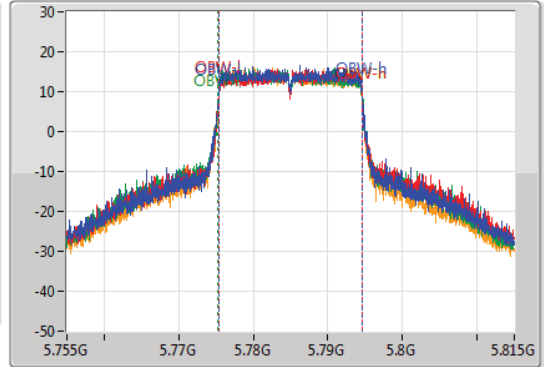
5785MHz

31/07/2022

CF  
5.785GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.785GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.02M	5.77546G	5.79448G	19.22M	5.775345G	5.794565G	500k	1
19.11M	5.7754G	5.79451G	19.25M	5.775345G	5.794595G	500k	2
18.99M	5.77546G	5.79445G	19.31M	5.775285G	5.794595G	500k	3
19.05M	5.77543G	5.79448G	19.16M	5.775375G	5.794535G	500k	4

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

EBW

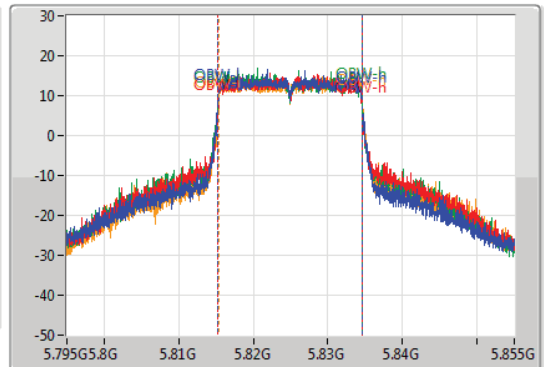
5825MHz

31/07/2022

CF  
5.825GHz  
Span  
60MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.825GHz  
Span  
60MHz  
RBW  
300kHz  
VBW  
1MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.81546G	5.83445G	19.28M	5.815285G	5.834565G	500k	1
18.99M	5.81546G	5.83445G	19.31M	5.815285G	5.834595G	500k	2
19.02M	5.81543G	5.83445G	19.31M	5.815225G	5.834535G	500k	3
19.05M	5.81543G	5.83448G	19.25M	5.815375G	5.834625G	500k	4

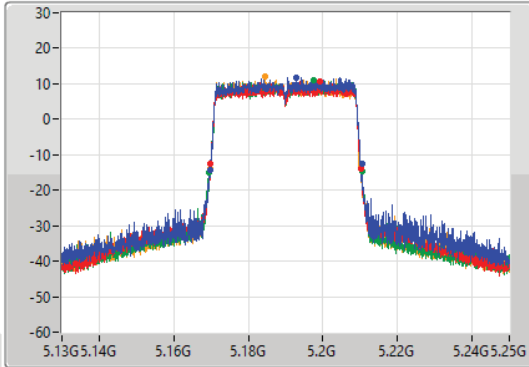
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

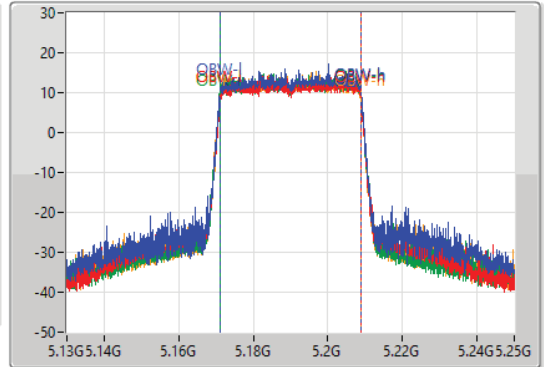
5190MHz

27/07/2022

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.62M	5.16978G	5.2104G	37.961M	5.171049G	5.20901G	Inf	1
40.62M	5.16966G	5.21028G	38.021M	5.17099G	5.20901G	Inf	2
40.8M	5.1696G	5.2104G	37.961M	5.17099G	5.208951G	Inf	3
40.44M	5.16978G	5.21022G	37.901M	5.17099G	5.208891G	Inf	4

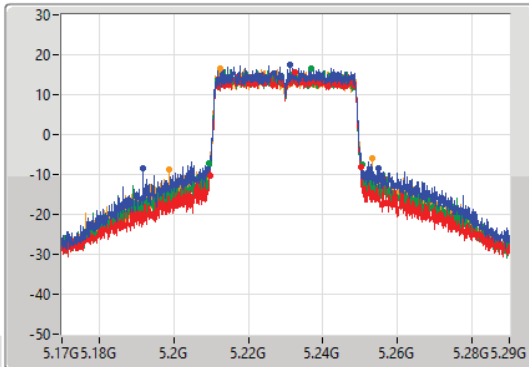
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

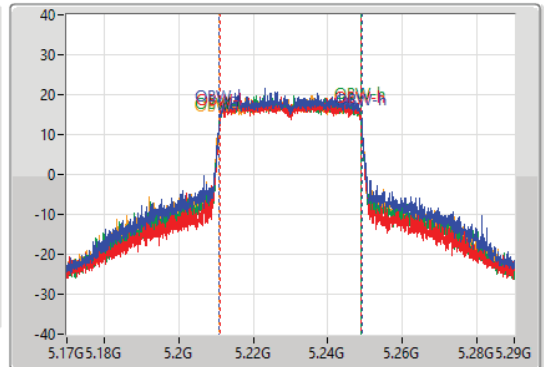
5230MHz

27/07/2022

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
63.36M	5.19166G	5.25502G	38.261M	5.21081G	5.24907G	Inf	1
40.44M	5.20966G	5.2501G	38.021M	5.21099G	5.24901G	Inf	2
40.86M	5.20954G	5.2504G	38.141M	5.21087G	5.24901G	Inf	3
54.48M	5.19874G	5.25322G	38.321M	5.21075G	5.24907G	Inf	4

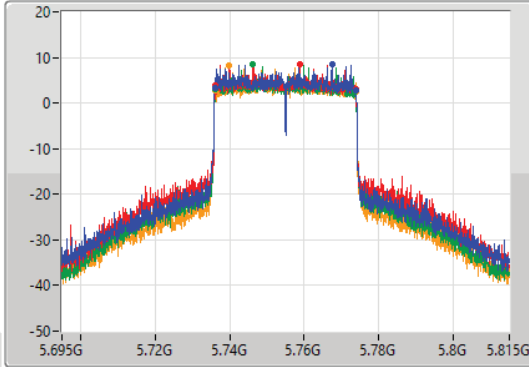
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

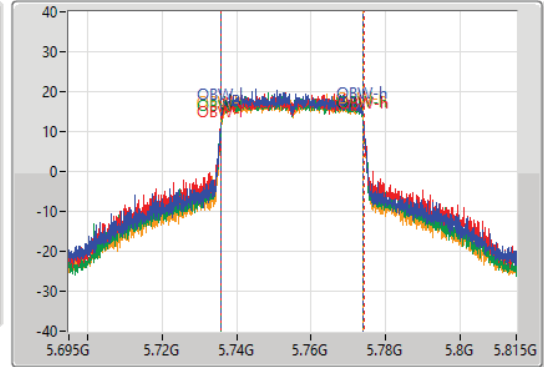
5755MHz

27/07/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73604G	5.77378G	38.261M	5.73575G	5.77401G	500k	1
37.56M	5.73616G	5.77372G	38.561M	5.73563G	5.77419G	500k	2
37.38M	5.73616G	5.77354G	38.321M	5.73569G	5.77401G	500k	3
37.62M	5.73616G	5.77378G	38.141M	5.73587G	5.77401G	500k	4

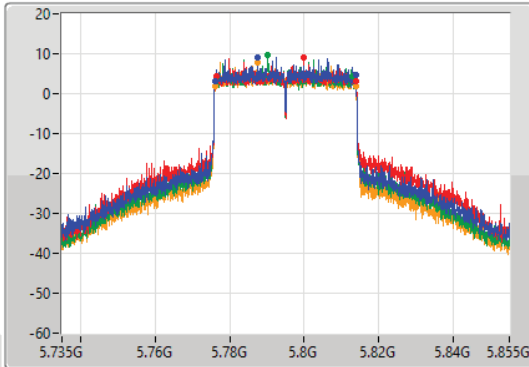
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

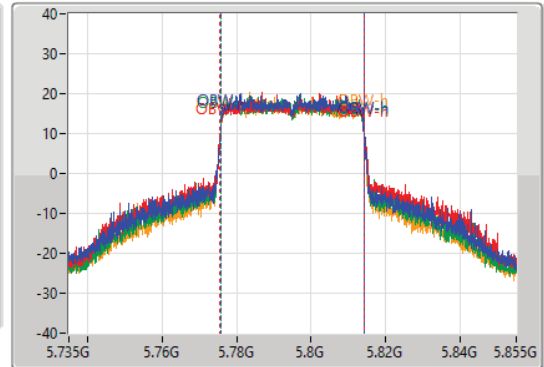
5795MHz

27/07/2022

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

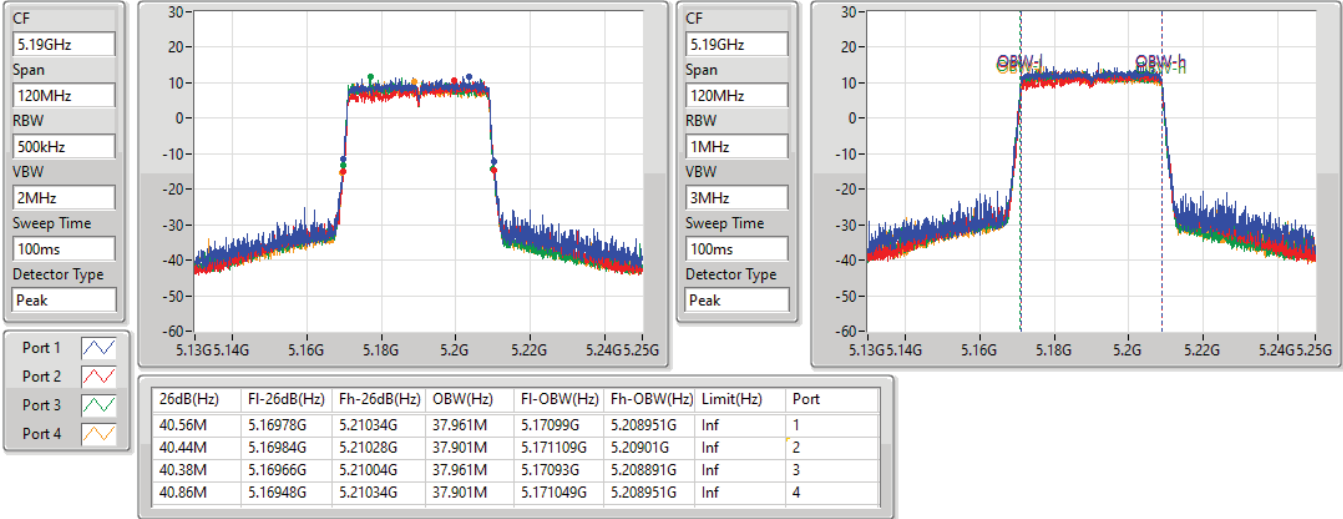
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.77598G	5.8139G	38.321M	5.77575G	5.81407G	500k	1
37.32M	5.77646G	5.81378G	38.861M	5.77551G	5.81437G	500k	2
36.66M	5.77634G	5.813G	38.381M	5.77575G	5.81413G	500k	3
37.68M	5.77604G	5.81372G	38.261M	5.77581G	5.81407G	500k	4

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

5190MHz

27/07/2022

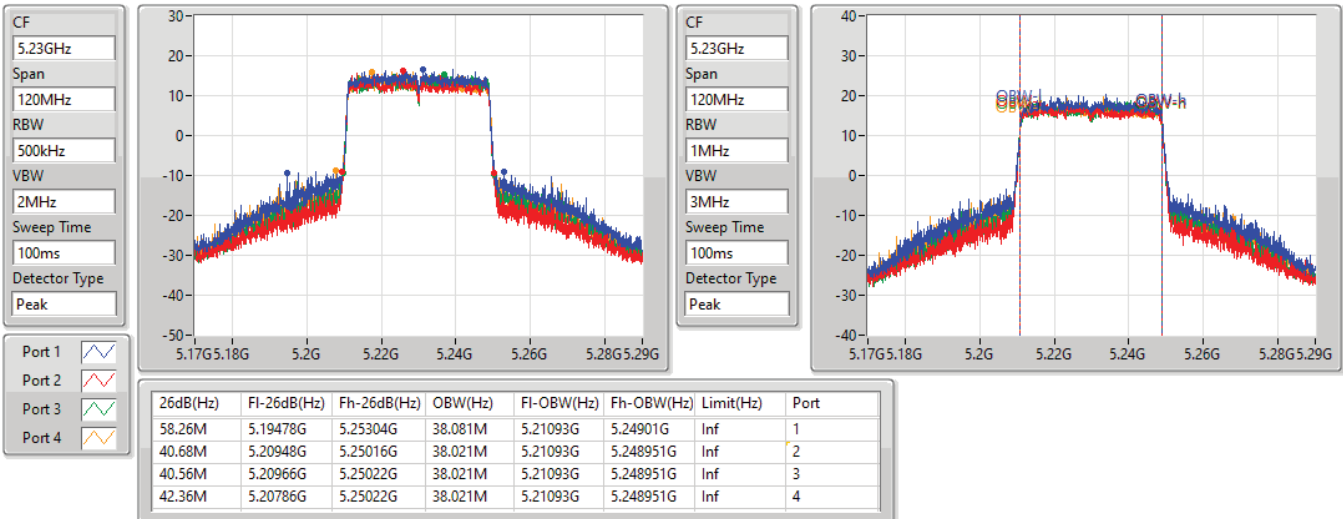


802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

5230MHz

27/07/2022



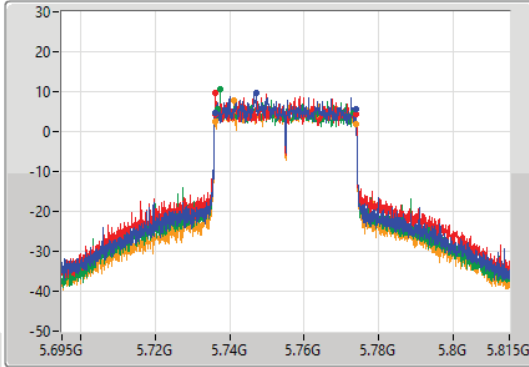
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

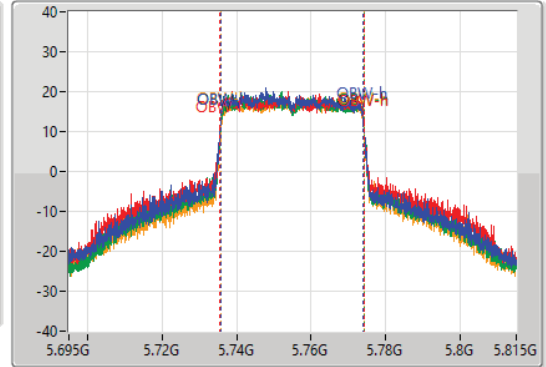
5755MHz

27/07/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.73598G	5.77378G	38.261M	5.73569G	5.773951G	500k	1
37.68M	5.73604G	5.77372G	38.681M	5.73551G	5.77419G	500k	2
36.54M	5.73664G	5.77318G	38.321M	5.73581G	5.77413G	500k	3
38.04M	5.73598G	5.77402G	38.201M	5.73587G	5.77407G	500k	4

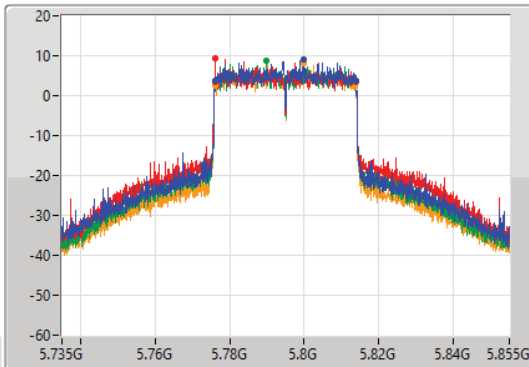
802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

EBW

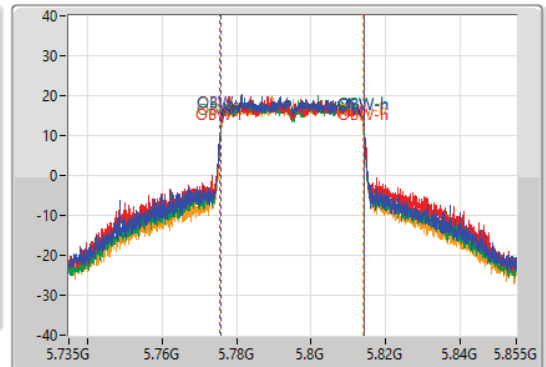
5795MHz

27/07/2022

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7761G	5.81372G	38.381M	5.77569G	5.81407G	500k	1
37.92M	5.77598G	5.8139G	38.861M	5.77551G	5.81437G	500k	2
37.74M	5.77616G	5.8139G	38.381M	5.77575G	5.81413G	500k	3
37.56M	5.77604G	5.8136G	38.141M	5.77587G	5.81401G	500k	4

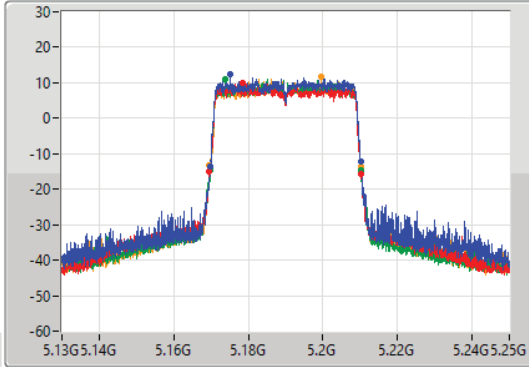
802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

EBW

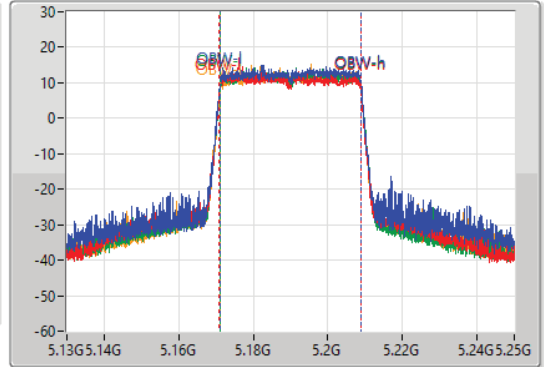
5190MHz

27/07/2022

CF  
5.19GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.19GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.16978G	5.21028G	37.901M	5.171049G	5.208951G	Inf	1
40.92M	5.16942G	5.21034G	37.961M	5.17093G	5.208891G	Inf	2
40.5M	5.16966G	5.21016G	37.961M	5.17099G	5.208951G	Inf	3
40.68M	5.1696G	5.21028G	37.841M	5.171109G	5.208951G	Inf	4

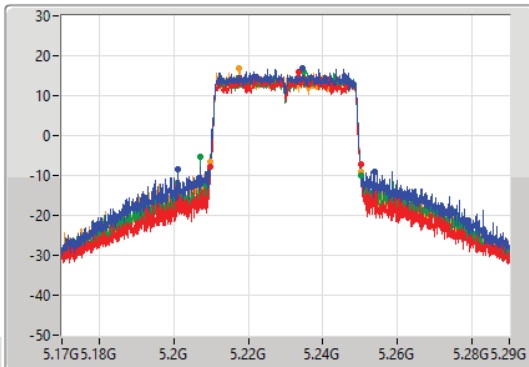
802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

EBW

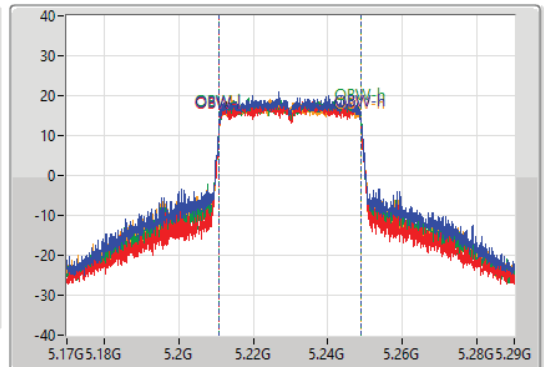
5230MHz

27/07/2022

CF  
5.23GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
2MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.23GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
52.8M	5.20108G	5.25388G	38.081M	5.21093G	5.24901G	Inf	1
40.38M	5.20984G	5.25022G	38.021M	5.21093G	5.248951G	Inf	2
43.2M	5.20702G	5.25022G	38.081M	5.21093G	5.24901G	Inf	3
40.56M	5.20972G	5.25028G	38.081M	5.21093G	5.24901G	Inf	4

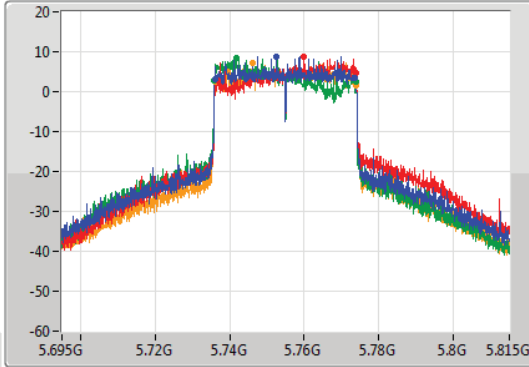
802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

EBW

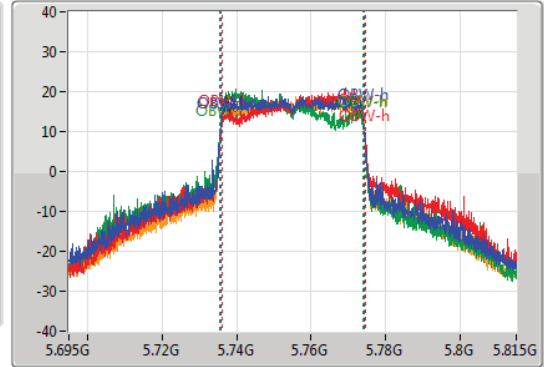
5755MHz

31/07/2022

CF  
5.755GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.755GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.73604G	5.77366G	38.381M	5.73575G	5.77413G	500k	1
37.26M	5.73664G	5.7739G	38.501M	5.73599G	5.77449G	500k	2
37.8M	5.73592G	5.77372G	38.621M	5.73539G	5.77401G	500k	3
37.92M	5.73604G	5.77396G	38.141M	5.73593G	5.77407G	500k	4

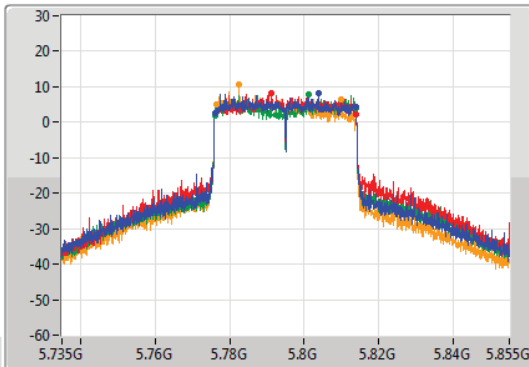
802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

EBW

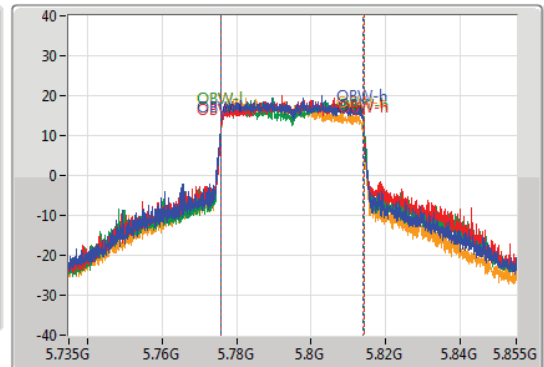
5795MHz

31/07/2022

CF  
5.795GHz  
Span  
120MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.795GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.86M	5.77598G	5.81384G	38.321M	5.77569G	5.81401G	500k	1
37.98M	5.77598G	5.81396G	38.441M	5.77575G	5.81419G	500k	2
37.98M	5.77598G	5.81396G	38.441M	5.77581G	5.81425G	500k	3
33.6M	5.7764G	5.81G	38.081M	5.77575G	5.813831G	500k	4



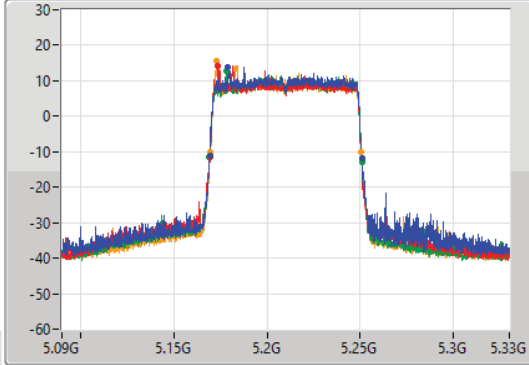
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

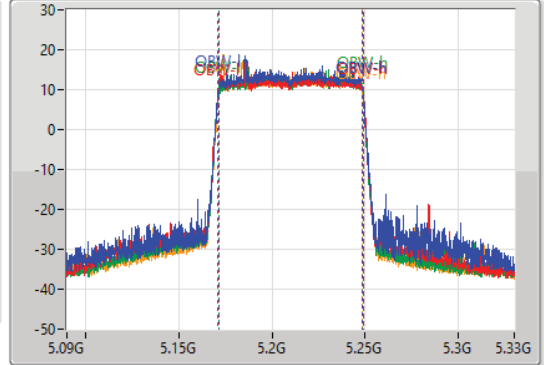
5210MHz

27/07/2022

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.16932G	5.25092G	77.481M	5.171259G	5.248741G	Inf	1
81.48M	5.16932G	5.2508G	77.841M	5.171019G	5.248861G	Inf	2
81.72M	5.1692G	5.25092G	77.721M	5.171259G	5.248981G	Inf	3
81M	5.16956G	5.25056G	77.361M	5.171379G	5.248741G	Inf	4

802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

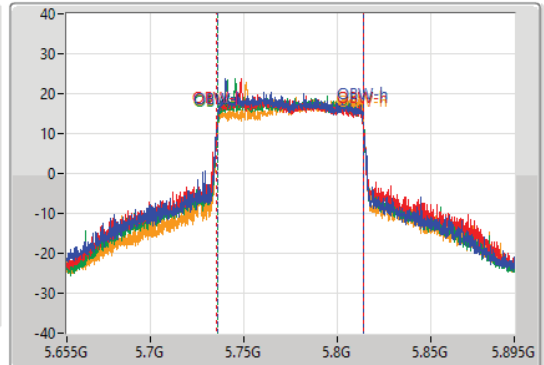
5775MHz

27/07/2022

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
66.48M	5.7372G	5.80368G	78.201M	5.73566G	5.813861G	500k	1
76.08M	5.73636G	5.81244G	78.681M	5.73542G	5.8141G	500k	2
75.96M	5.73648G	5.81244G	77.961M	5.7359G	5.813861G	500k	3
76.56M	5.73696G	5.81352G	78.201M	5.736019G	5.81422G	500k	4





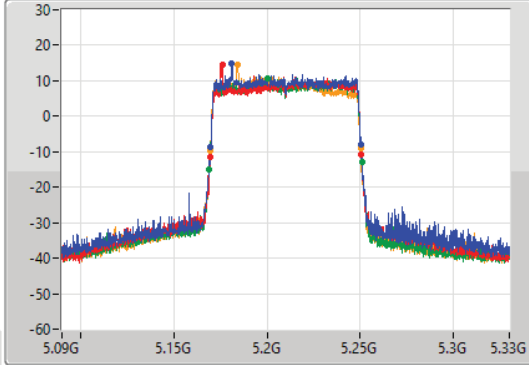
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

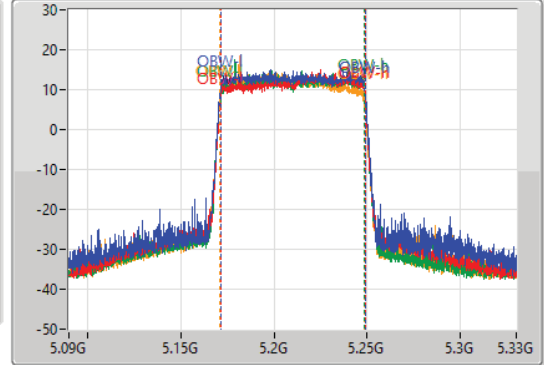
5210MHz

27/07/2022

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.76M	5.16968G	5.25044G	77.601M	5.171259G	5.248861G	Inf	1
80.76M	5.16968G	5.25044G	77.601M	5.171259G	5.248861G	Inf	2
82.2M	5.1686G	5.2508G	77.481M	5.171259G	5.248741G	Inf	3
80.88M	5.16944G	5.25032G	77.241M	5.171139G	5.248381G	Inf	4

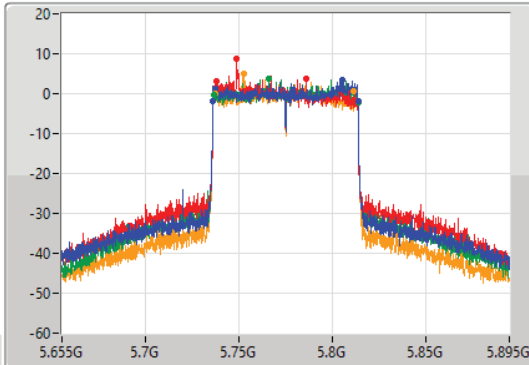
802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

EBW

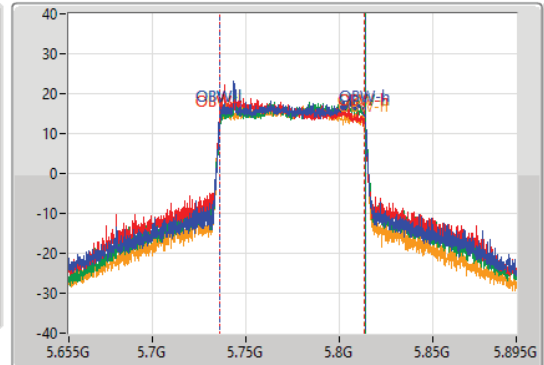
5775MHz

27/07/2022

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.12M	5.73588G	5.814G	78.201M	5.7359G	5.8141G	500k	1
48.24M	5.73792G	5.78616G	77.961M	5.73566G	5.813621G	500k	2
77.76M	5.73624G	5.814G	78.081M	5.7359G	5.813981G	500k	3
73.92M	5.73732G	5.81124G	78.081M	5.73566G	5.813741G	500k	4

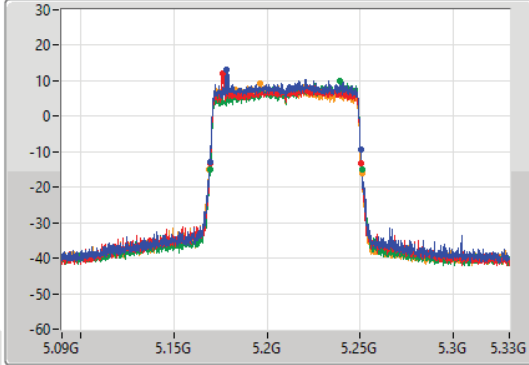
802.11ax HEW80-BF\_Nss3,(MCS0)\_4TX

EBW

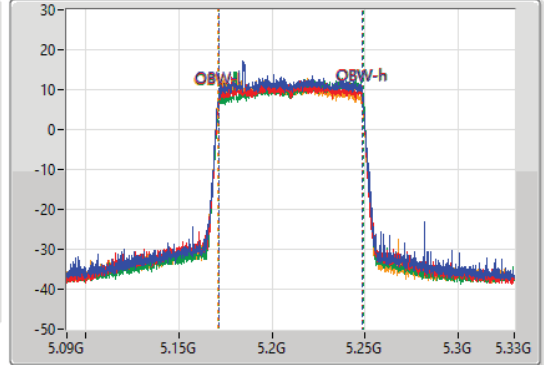
5210MHz

27/07/2022

CF  
5.21GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.21GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.16944G	5.25044G	77.481M	5.171259G	5.248741G	Inf	1
81M	5.16956G	5.25056G	77.481M	5.171259G	5.248741G	Inf	2
81.72M	5.16932G	5.25104G	77.361M	5.171619G	5.248981G	Inf	3
82.08M	5.16884G	5.25092G	77.601M	5.171019G	5.248621G	Inf	4

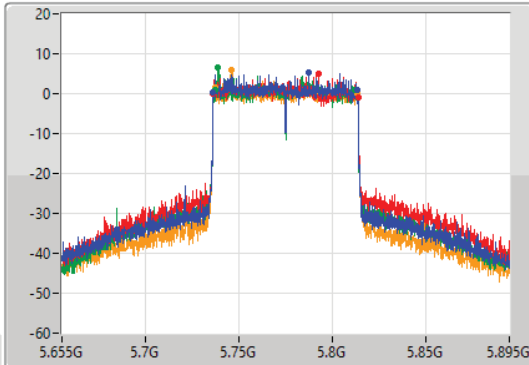
802.11ax HEW80-BF\_Nss3,(MCS0)\_4TX

EBW

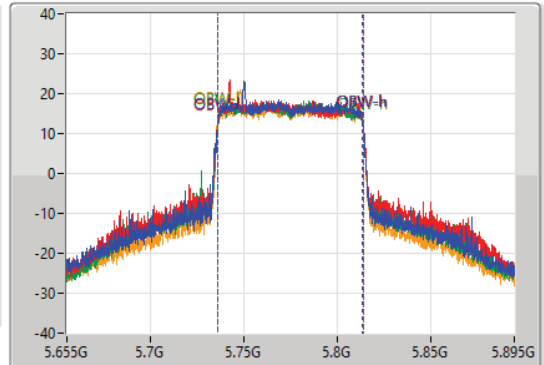
5775MHz

27/07/2022

CF  
5.775GHz  
Span  
240MHz  
RBW  
100kHz  
VBW  
300kHz  
Sweep Time  
100ms  
Detector Type  
Peak



CF  
5.775GHz  
Span  
240MHz  
RBW  
2MHz  
VBW  
10MHz  
Sweep Time  
100ms  
Detector Type  
Peak



Port 1  
Port 2  
Port 3  
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.64M	5.736G	5.81364G	77.721M	5.736019G	5.813741G	500k	1
77.88M	5.736G	5.81388G	78.201M	5.73578G	5.813981G	500k	2
74.4M	5.73744G	5.81184G	77.961M	5.7359G	5.813861G	500k	3
76.8M	5.73696G	5.81376G	78.081M	5.73578G	5.813861G	500k	4



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.83	0.96161	33.92	2.46604
802.11ax HEW20_Nss1,(MCS0)_4TX	29.80	0.95499	33.89	2.44906
802.11ax HEW40_Nss1,(MCS0)_4TX	28.56	0.71779	32.65	1.84077
802.11ax HEW80_Nss1,(MCS0)_4TX	21.69	0.14757	25.78	0.37844
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.96	0.99083	33.25	2.11349
802.11ax HEW20_Nss1,(MCS0)_4TX	29.90	0.97724	33.19	2.08449
802.11ax HEW40_Nss1,(MCS0)_4TX	29.84	0.96383	33.13	2.05589
802.11ax HEW80_Nss1,(MCS0)_4TX	26.27	0.42364	29.56	0.90365



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	4.09	19.18	19.59	20.31	19.22	25.62	30.00	29.71	36.00
5200MHz	Pass	4.09	22.98	23.28	23.91	23.15	29.37	30.00	33.46	36.00
5240MHz	Pass	4.09	23.44	23.99	24.27	23.49	29.83	30.00	33.92	36.00
5745MHz	Pass	3.29	23.71	24.50	24.32	23.11	29.96	30.00	33.25	36.00
5785MHz	Pass	3.29	23.41	23.91	24.22	23.20	29.72	30.00	33.01	36.00
5825MHz	Pass	3.29	23.45	24.24	24.05	23.08	29.75	30.00	33.04	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.09	19.62	19.72	20.22	19.28	25.74	30.00	29.83	36.00
5200MHz	Pass	4.09	23.16	23.57	24.15	23.15	29.55	30.00	33.64	36.00
5240MHz	Pass	4.09	23.46	23.84	24.27	23.48	29.80	30.00	33.89	36.00
5745MHz	Pass	3.29	23.55	24.30	24.35	23.19	29.90	30.00	33.19	36.00
5785MHz	Pass	3.29	23.50	24.24	24.35	23.03	29.83	30.00	33.12	36.00
5825MHz	Pass	3.29	23.41	24.19	24.07	23.10	29.74	30.00	33.03	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.09	16.71	16.38	17.05	16.33	22.65	30.00	26.74	36.00
5230MHz	Pass	4.09	22.86	22.27	22.83	22.14	28.56	30.00	32.65	36.00
5755MHz	Pass	3.29	23.79	24.17	24.14	23.10	29.84	30.00	33.13	36.00
5795MHz	Pass	3.29	23.46	23.74	24.00	22.91	29.57	30.00	32.86	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.09	15.98	15.71	16.01	14.87	21.69	30.00	25.78	36.00
5775MHz	Pass	3.29	19.95	20.96	20.75	19.08	26.27	30.00	29.56	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	29.89	0.97499	35.12	3.25087
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.84	0.96383	33.93	2.47172
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	29.84	0.96383	33.93	2.47172
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.84	0.96383	35.07	3.21366
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	28.87	0.77090	32.96	1.97697
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	29.31	0.85310	33.40	2.18776
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.85	0.24266	29.08	0.80910
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.87	0.24378	27.96	0.62517
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	22.05	0.16032	26.14	0.41115
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.79	0.95280	35.20	3.31131
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.84	0.96383	33.13	2.05589
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	29.87	0.97051	33.16	2.07014
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.41	0.87297	34.82	3.03389
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	29.67	0.92683	32.96	1.97697
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	29.14	0.82035	32.43	1.74985
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.64	0.73114	34.05	2.54097
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	27.48	0.55976	30.77	1.19399
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	27.87	0.61235	31.16	1.30617



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	5.23	19.94	19.52	20.78	19.92	26.09	30.00	31.32	36.00
5200MHz	Pass	5.23	24.36	23.96	23.46	23.64	29.89	30.00	35.12	36.00
5240MHz	Pass	5.23	23.43	23.43	24.20	24.28	29.87	30.00	35.10	36.00
5745MHz	Pass	5.41	23.95	23.84	23.64	23.62	29.79	30.00	35.20	36.00
5785MHz	Pass	5.41	24.45	23.67	23.48	23.16	29.74	30.00	35.15	36.00
5825MHz	Pass	5.41	23.60	23.59	23.11	23.30	29.43	30.00	34.84	36.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.09	19.94	19.05	19.63	19.90	25.66	30.00	29.75	36.00
5200MHz	Pass	4.09	23.95	24.02	23.45	23.82	29.84	30.00	33.93	36.00
5240MHz	Pass	4.09	23.63	23.27	23.92	24.28	29.81	30.00	33.90	36.00
5745MHz	Pass	3.29	23.61	23.95	23.83	23.88	29.84	30.00	33.13	36.00
5785MHz	Pass	3.29	23.90	23.33	23.92	23.94	29.80	30.00	33.09	36.00
5825MHz	Pass	3.29	23.92	23.13	23.34	23.77	29.57	30.00	32.86	36.00
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.09	19.77	19.18	19.02	19.14	25.31	30.00	29.40	36.00
5200MHz	Pass	4.09	23.56	23.39	24.10	23.41	29.65	30.00	33.74	36.00
5240MHz	Pass	4.09	23.92	23.97	23.56	23.82	29.84	30.00	33.93	36.00
5745MHz	Pass	3.29	24.43	23.55	23.70	23.66	29.87	30.00	33.16	36.00
5785MHz	Pass	3.29	23.89	23.44	23.41	23.74	29.65	30.00	32.94	36.00
5825MHz	Pass	3.29	23.62	23.75	23.86	23.73	29.76	30.00	33.05	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.23	19.41	18.36	18.08	18.04	24.53	30.00	29.76	36.00
5230MHz	Pass	5.23	24.27	23.46	23.70	23.79	29.84	30.00	35.07	36.00
5755MHz	Pass	5.41	23.89	23.48	22.43	22.79	29.21	30.00	34.62	36.00
5795MHz	Pass	5.41	24.10	23.25	22.99	23.13	29.41	30.00	34.82	36.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.09	18.53	17.25	17.51	17.52	23.75	30.00	27.84	36.00
5230MHz	Pass	4.09	23.48	22.65	22.56	22.62	28.87	30.00	32.96	36.00
5755MHz	Pass	3.29	23.84	23.92	23.63	23.16	29.67	30.00	32.96	36.00
5795MHz	Pass	3.29	24.10	23.71	22.97	23.12	29.52	30.00	32.81	36.00
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.09	18.47	17.65	17.76	17.49	23.88	30.00	27.97	36.00
5230MHz	Pass	4.09	23.59	23.10	23.15	23.32	29.31	30.00	33.40	36.00
5755MHz	Pass	3.29	22.90	22.87	22.82	22.24	28.74	30.00	32.03	36.00
5795MHz	Pass	3.29	23.00	23.43	23.21	22.80	29.14	30.00	32.43	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.23	18.29	17.83	17.68	17.47	23.85	30.00	29.08	36.00
5775MHz	Pass	5.41	22.99	22.91	22.68	21.81	28.64	30.00	34.05	36.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.09	18.41	17.61	17.44	17.89	23.87	30.00	27.96	36.00
5775MHz	Pass	3.29	22.06	21.61	21.38	20.69	27.48	30.00	30.77	36.00
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.09	16.91	15.55	15.67	15.85	22.05	30.00	26.14	36.00
5775MHz	Pass	3.29	22.23	21.95	21.59	21.58	27.87	30.00	31.16	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	16.54	21.77
802.11ax HEW20_Nss1,(MCS0)_4TX	15.85	21.08
802.11ax HEW40_Nss1,(MCS0)_4TX	11.85	17.08
802.11ax HEW80_Nss1,(MCS0)_4TX	2.09	7.32
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.05	20.46
802.11ax HEW20_Nss1,(MCS0)_4TX	14.44	19.85
802.11ax HEW40_Nss1,(MCS0)_4TX	11.57	16.98
802.11ax HEW80_Nss1,(MCS0)_4TX	5.41	10.82

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	5.23	6.00	6.36	7.26	5.97	12.40	17.00	17.63	23.00
5200MHz	Pass	5.23	9.71	10.05	10.82	9.88	16.07	17.00	21.30	23.00
5240MHz	Pass	5.23	10.31	10.55	11.19	10.21	16.54	17.00	21.77	23.00
5745MHz	Pass	5.41	8.84	9.81	9.54	8.29	15.05	30.00	20.46	36.00
5785MHz	Pass	5.41	8.59	9.75	9.49	8.37	15.01	30.00	20.42	36.00
5825MHz	Pass	5.41	8.63	9.51	9.23	8.29	14.84	30.00	20.25	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.23	5.65	6.00	6.54	5.53	11.88	17.00	17.11	23.00
5200MHz	Pass	5.23	9.39	9.75	10.33	9.32	15.63	17.00	20.86	23.00
5240MHz	Pass	5.23	9.65	10.01	10.44	9.64	15.85	17.00	21.08	23.00
5745MHz	Pass	5.41	8.17	8.92	8.97	7.87	14.44	30.00	19.85	36.00
5785MHz	Pass	5.41	8.18	8.90	9.13	7.75	14.41	30.00	19.82	36.00
5825MHz	Pass	5.41	8.04	8.88	8.97	7.69	14.27	30.00	19.68	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.23	0.06	-0.20	0.57	-0.32	5.98	17.00	11.21	23.00
5230MHz	Pass	5.23	6.16	5.59	6.43	5.41	11.85	17.00	17.08	23.00
5755MHz	Pass	5.41	5.51	6.41	6.04	4.80	11.57	30.00	16.98	36.00
5795MHz	Pass	5.41	5.46	6.55	5.98	4.75	11.54	30.00	16.95	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.23	-3.62	-3.80	-3.33	-4.69	2.09	17.00	7.32	23.00
5775MHz	Pass	5.41	-0.78	0.17	0.10	-1.68	5.41	30.00	10.82	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;

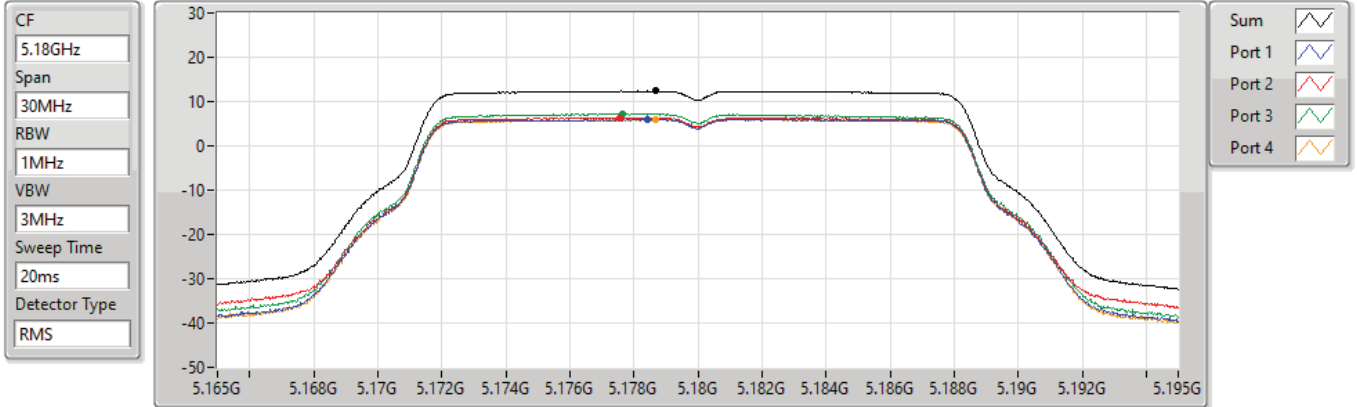


### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5180MHz

27/07/2022



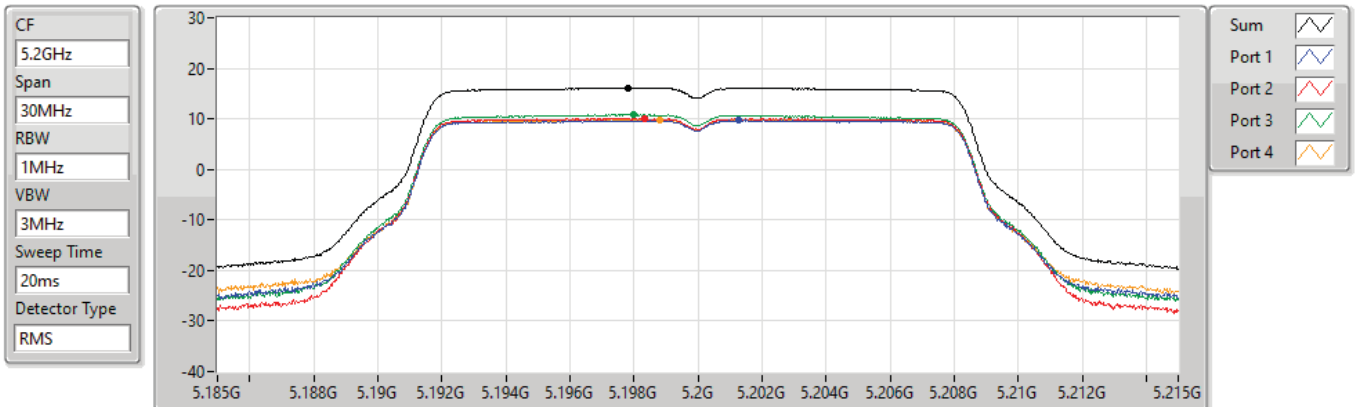
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.40	12.40	6.00	6.36	7.26	5.97

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

#### 5200MHz

27/07/2022



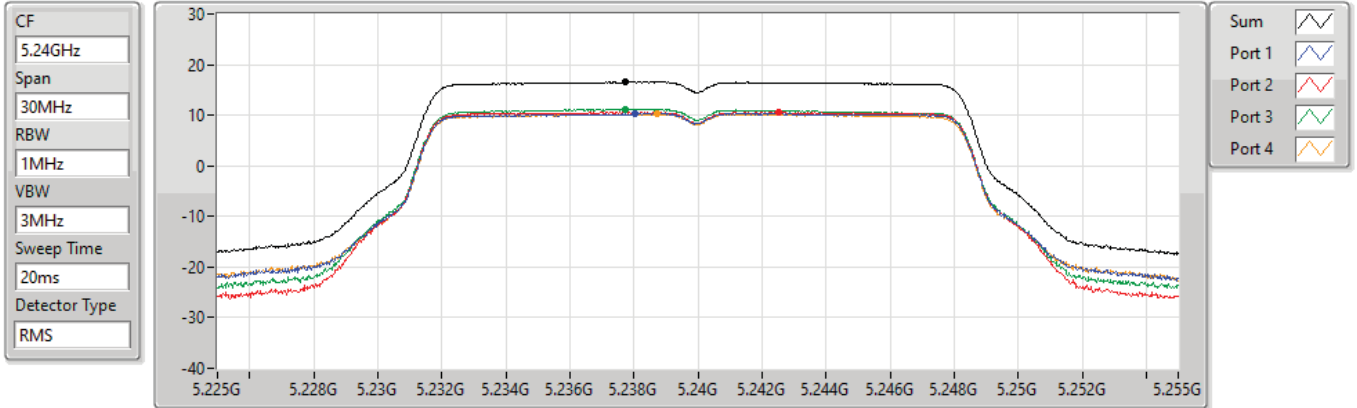
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.07	16.07	9.71	10.05	10.82	9.88

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5240MHz

27/07/2022



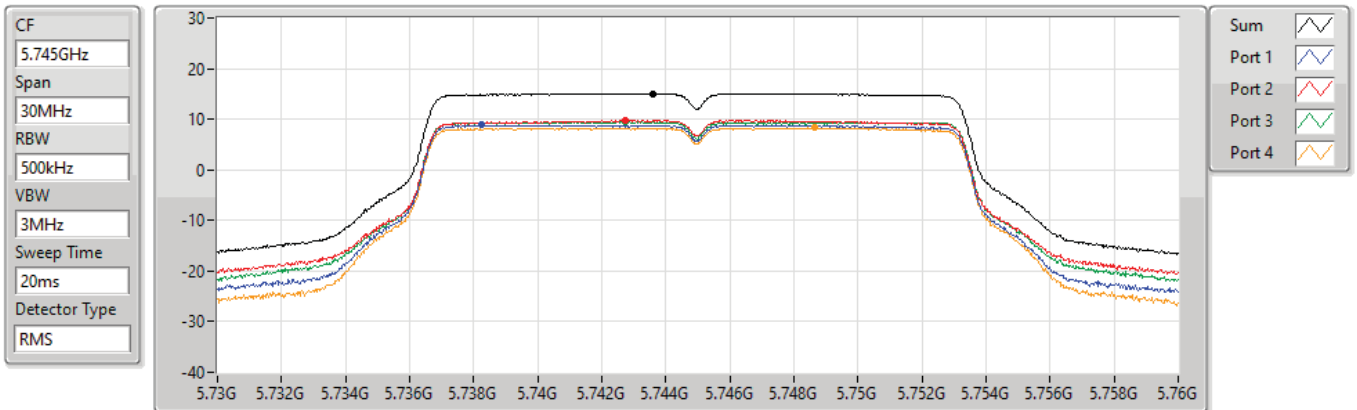
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.54	16.54	10.31	10.55	11.19	10.21

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5745MHz

27/07/2022



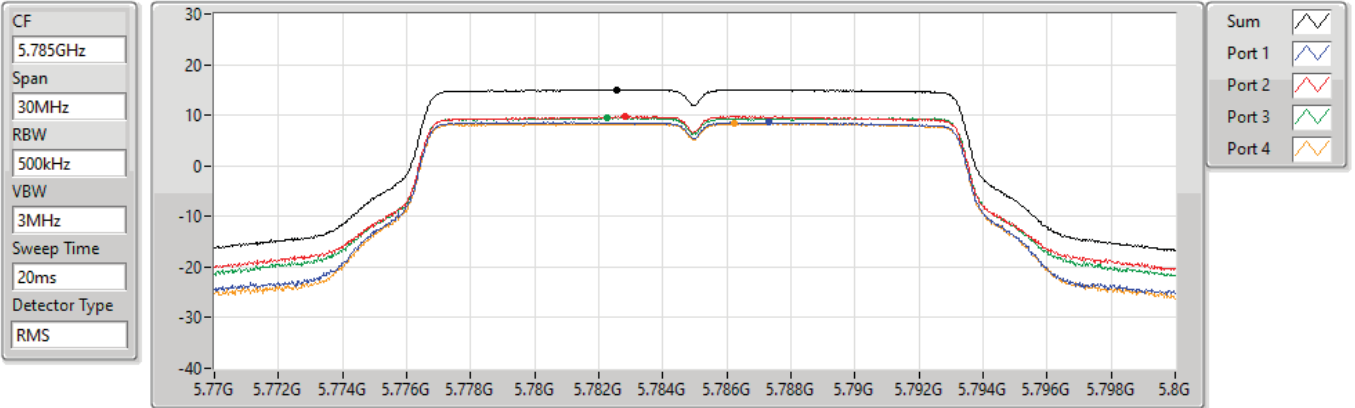
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.05	15.05	8.84	9.81	9.54	8.29

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5785MHz

27/07/2022



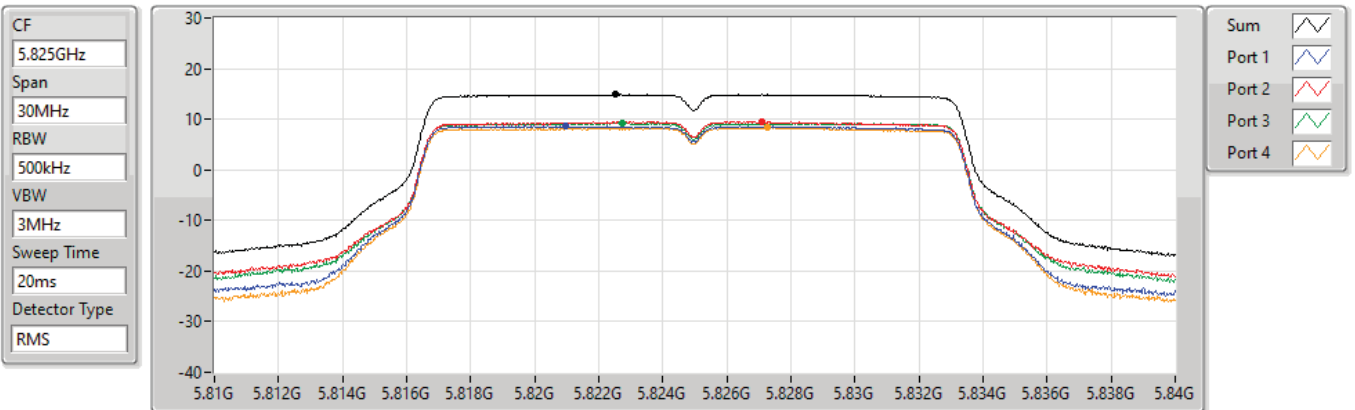
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.01	15.01	8.59	9.75	9.49	8.37

### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5825MHz

27/07/2022



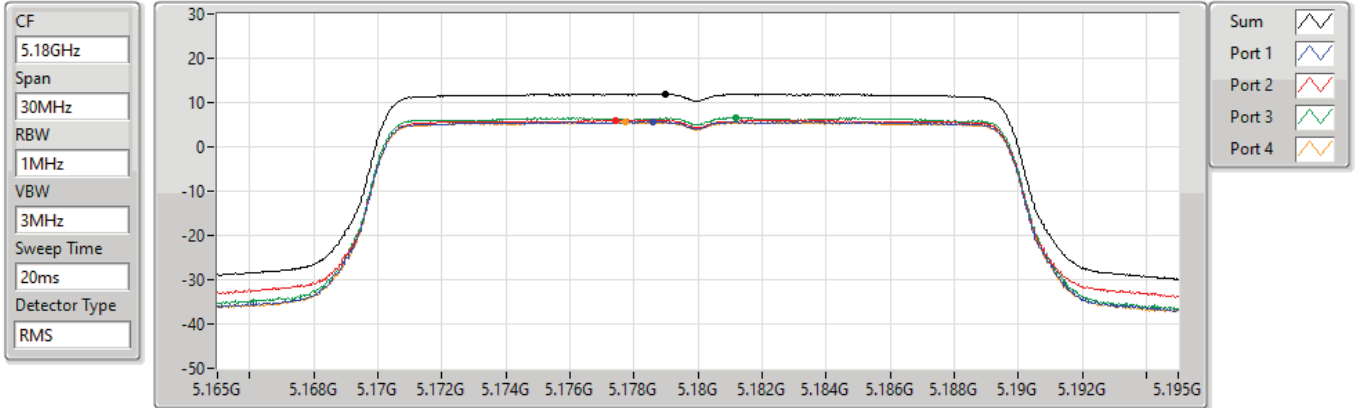
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.84	14.84	8.63	9.51	9.23	8.29

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5180MHz

27/07/2022



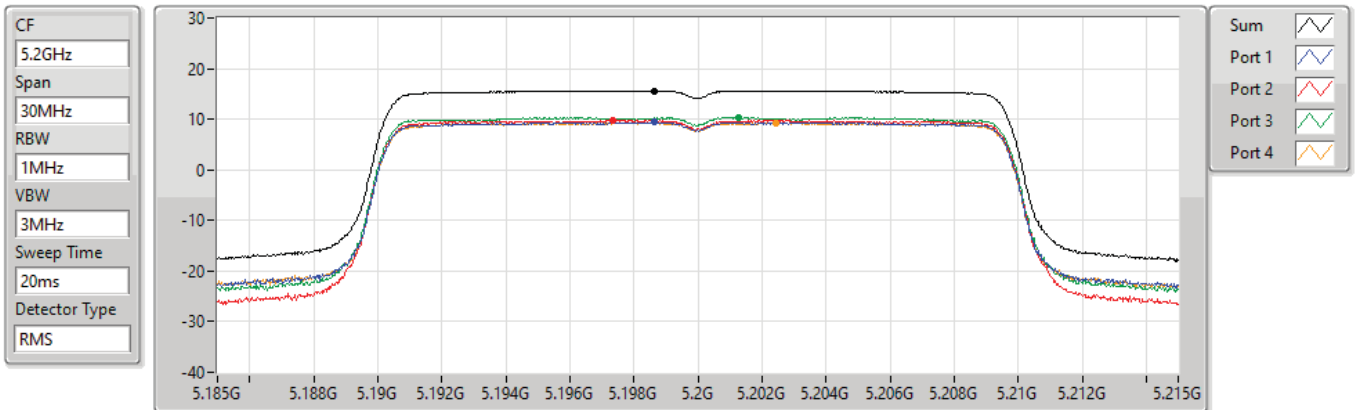
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.88	11.88	5.65	6.00	6.54	5.53

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5200MHz

27/07/2022



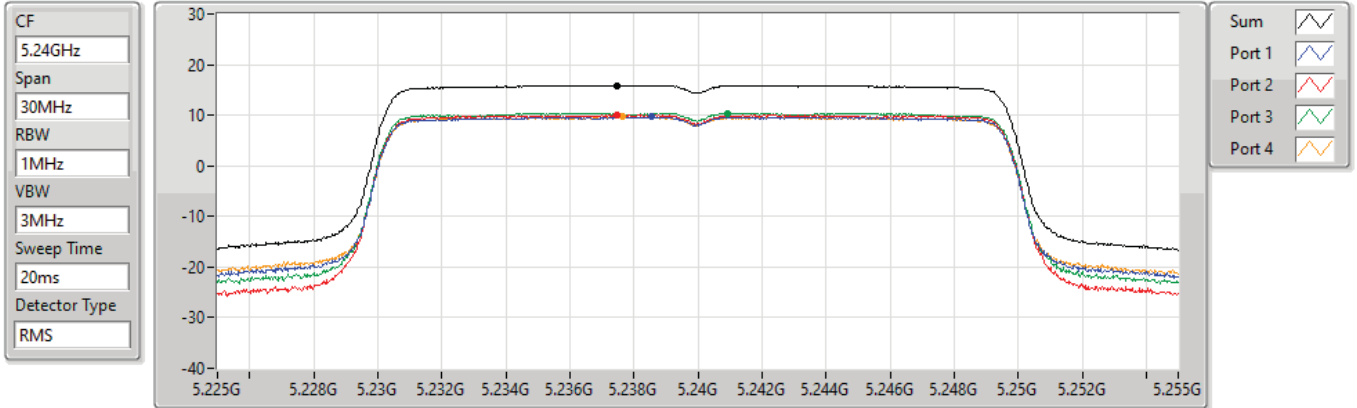
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.63	15.63	9.39	9.75	10.33	9.32

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5240MHz

27/07/2022



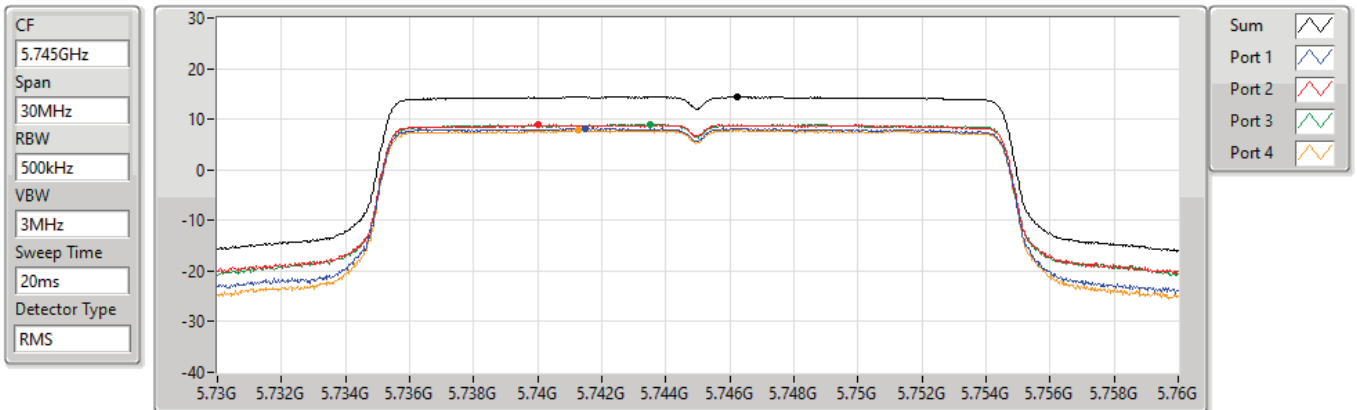
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.85	15.85	9.65	10.01	10.44	9.64

### 802.11ax HEW20\_Nss1,(MCS0)\_4TX

### PSD

#### 5745MHz

27/07/2022



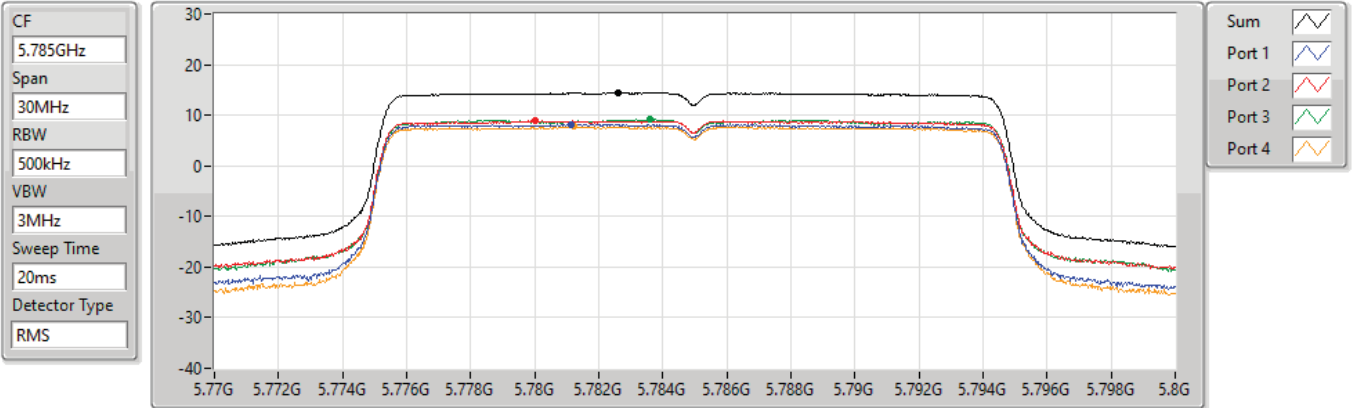
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.44	14.44	8.17	8.92	8.97	7.87

802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

27/07/2022



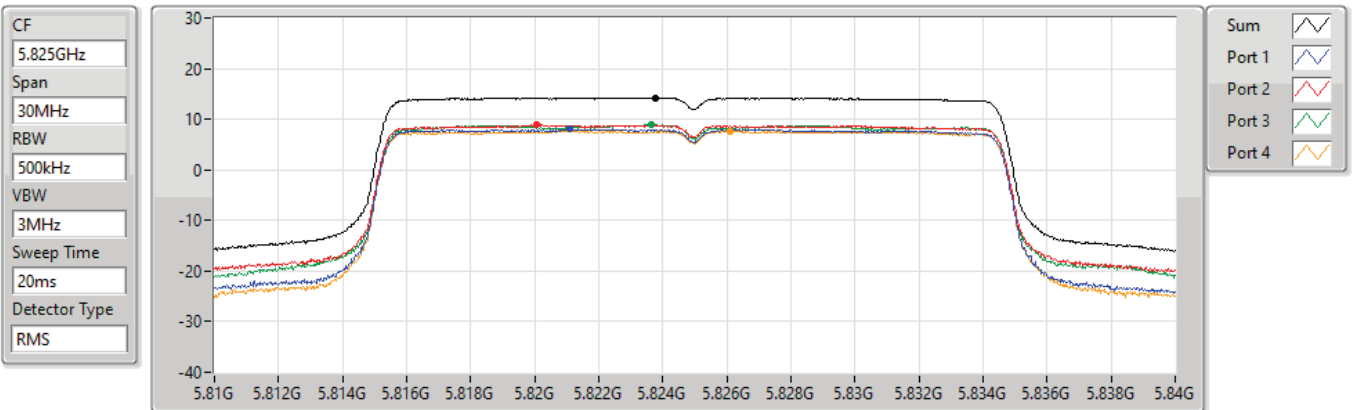
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.41	14.41	8.18	8.90	9.13	7.75

802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

27/07/2022



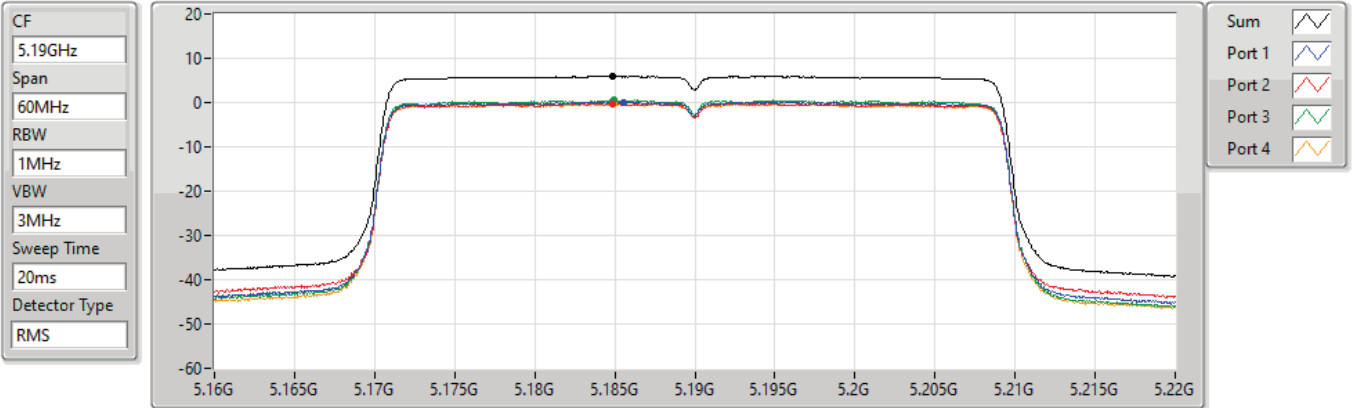
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.27	14.27	8.04	8.88	8.97	7.69

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

27/07/2022



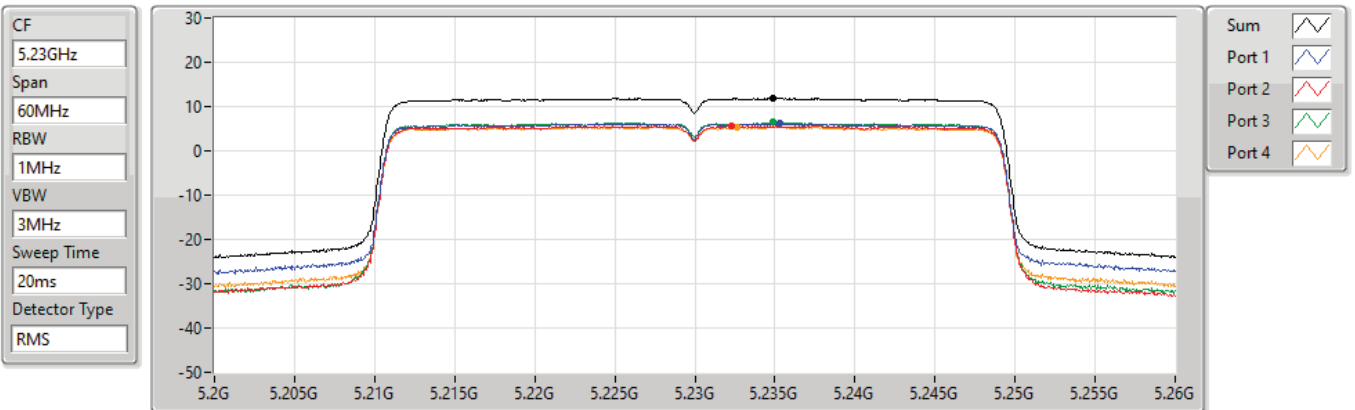
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	0.06	-0.20	0.57	-0.32

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

27/07/2022



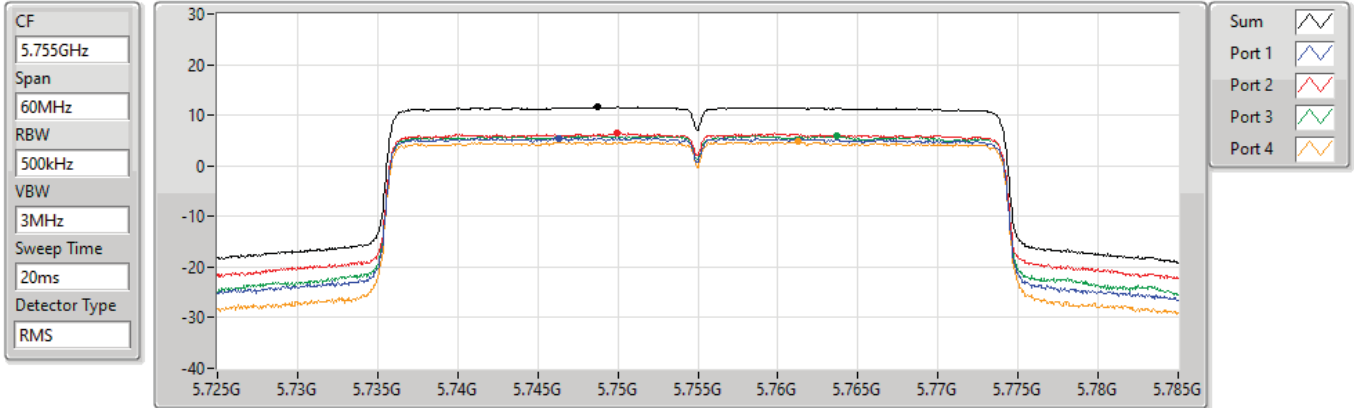
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.85	11.85	6.16	5.59	6.43	5.41

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

27/07/2022



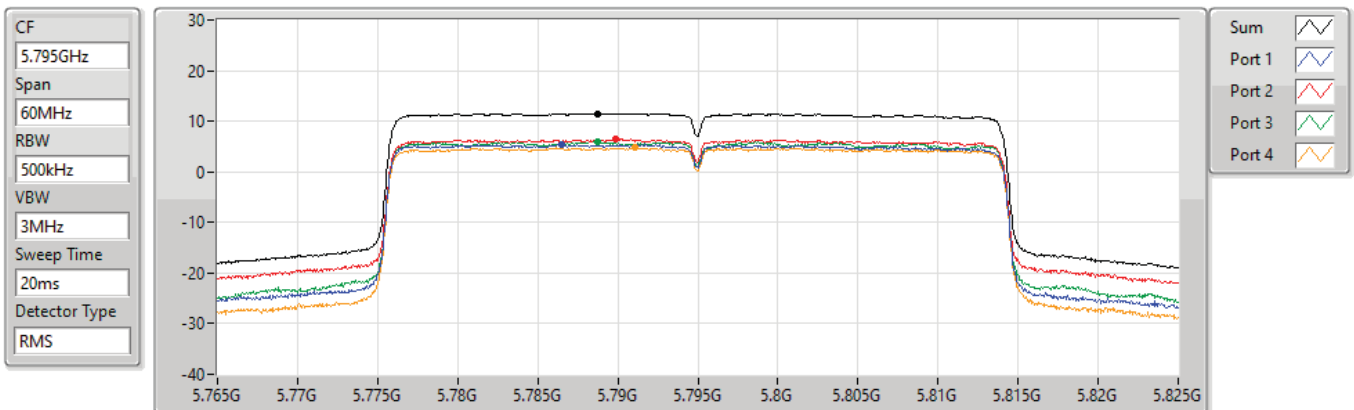
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.57	11.57	5.51	6.41	6.04	4.80

802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

27/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.54	11.54	5.46	6.55	5.98	4.75

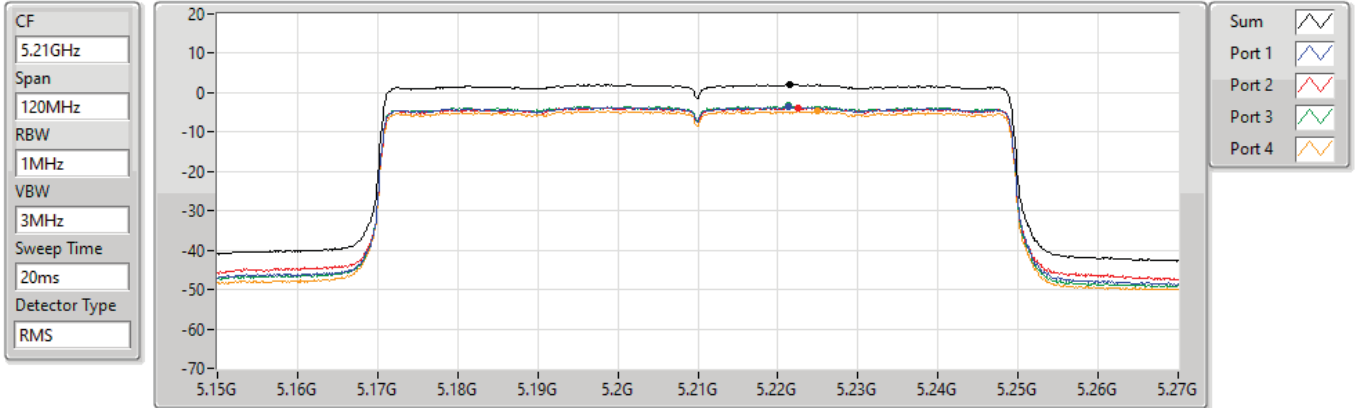


### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### PSD

#### 5210MHz

27/07/2022



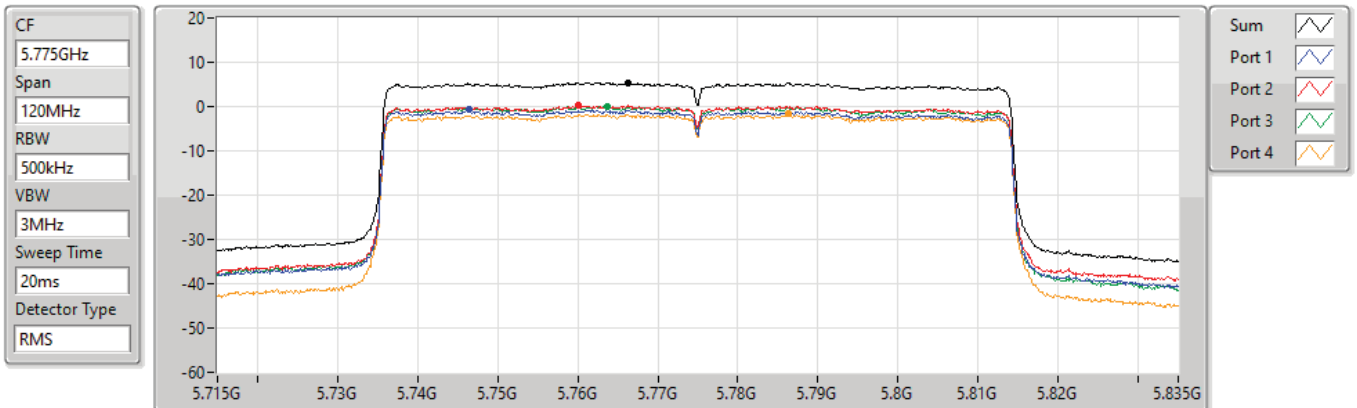
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	-3.62	-3.80	-3.33	-4.69

### 802.11ax HEW80\_Nss1,(MCS0)\_4TX

### PSD

#### 5775MHz

27/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	-0.78	0.17	0.10	-1.68



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.21	21.44
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	16.35	20.44
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	16.46	20.55
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.15	18.38
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	12.64	16.73
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	12.70	16.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.52	9.75
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	4.44	8.53
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	2.82	6.91
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.59	20.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	14.69	17.98
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	14.72	18.01
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.38	16.79
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	11.69	14.98
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	11.01	14.30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.84	13.25
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	6.90	10.19
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	7.13	10.42

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	5.23	7.19	6.35	7.75	6.99	12.54	17.00	17.77	23.00
5200MHz	Pass	5.23	11.13	10.87	11.38	11.56	16.11	17.00	21.34	23.00
5240MHz	Pass	5.23	10.56	10.70	10.57	11.86	16.21	17.00	21.44	23.00
5745MHz	Pass	5.41	9.48	9.09	9.02	8.50	14.59	30.00	20.00	36.00
5785MHz	Pass	5.41	9.51	8.46	8.60	8.27	14.34	30.00	19.75	36.00
5825MHz	Pass	5.41	9.01	8.47	8.87	8.29	14.33	30.00	19.74	36.00
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.09	7.01	5.93	6.45	6.39	12.26	17.00	16.35	23.00
5200MHz	Pass	4.09	11.05	10.23	10.47	10.68	16.32	17.00	20.41	23.00
5240MHz	Pass	4.09	10.98	10.76	10.65	10.57	16.35	17.00	20.44	23.00
5745MHz	Pass	3.29	9.33	9.07	8.75	8.28	14.67	30.00	17.96	36.00
5785MHz	Pass	3.29	9.73	8.88	9.24	8.51	14.69	30.00	17.98	36.00
5825MHz	Pass	3.29	9.29	8.78	9.02	8.76	14.49	30.00	17.78	36.00
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.09	6.27	5.64	6.09	6.38	11.70	17.00	15.79	23.00
5200MHz	Pass	4.09	10.71	10.03	10.43	10.28	16.04	17.00	20.13	23.00
5240MHz	Pass	4.09	11.03	10.59	10.83	10.48	16.46	17.00	20.55	23.00
5745MHz	Pass	3.29	9.96	9.26	9.90	8.55	14.72	30.00	18.01	36.00
5785MHz	Pass	3.29	10.20	9.71	9.16	8.34	14.58	30.00	17.87	36.00
5825MHz	Pass	3.29	9.47	9.06	8.97	8.54	14.51	30.00	17.80	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	5.23	2.86	1.48	1.79	2.05	7.91	17.00	13.14	23.00
5230MHz	Pass	5.23	8.12	6.96	7.32	7.61	13.15	17.00	18.38	23.00
5755MHz	Pass	5.41	6.24	5.92	5.33	5.13	11.38	30.00	16.79	36.00
5795MHz	Pass	5.41	5.93	5.36	5.22	5.25	11.24	30.00	16.65	36.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.09	2.52	1.88	1.95	1.50	7.51	17.00	11.60	23.00
5230MHz	Pass	4.09	7.93	6.79	7.51	7.56	12.64	17.00	16.73	23.00
5755MHz	Pass	3.29	7.82	6.78	6.61	5.20	11.69	30.00	14.98	36.00
5795MHz	Pass	3.29	8.24	6.66	6.25	5.41	11.55	30.00	14.84	36.00
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.09	2.39	1.57	1.68	1.48	7.41	17.00	11.50	23.00
5230MHz	Pass	4.09	7.79	7.02	7.50	6.99	12.70	17.00	16.79	23.00
5755MHz	Pass	3.29	5.46	6.89	7.41	4.94	10.82	30.00	14.11	36.00
5795MHz	Pass	3.29	5.66	5.82	5.18	5.36	11.01	30.00	14.30	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	5.23	-0.78	-1.72	-1.58	-1.76	4.52	17.00	9.75	23.00
5775MHz	Pass	5.41	2.94	2.53	1.87	2.49	7.84	30.00	13.25	36.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.09	-0.78	-1.28	-1.49	-1.12	4.44	17.00	8.53	23.00
5775MHz	Pass	3.29	1.99	2.38	1.42	0.72	6.90	30.00	10.19	36.00
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.09	-2.30	-3.07	-2.84	-2.96	2.82	17.00	6.91	23.00
5775MHz	Pass	3.29	2.69	2.15	2.36	0.83	7.13	30.00	10.42	36.00

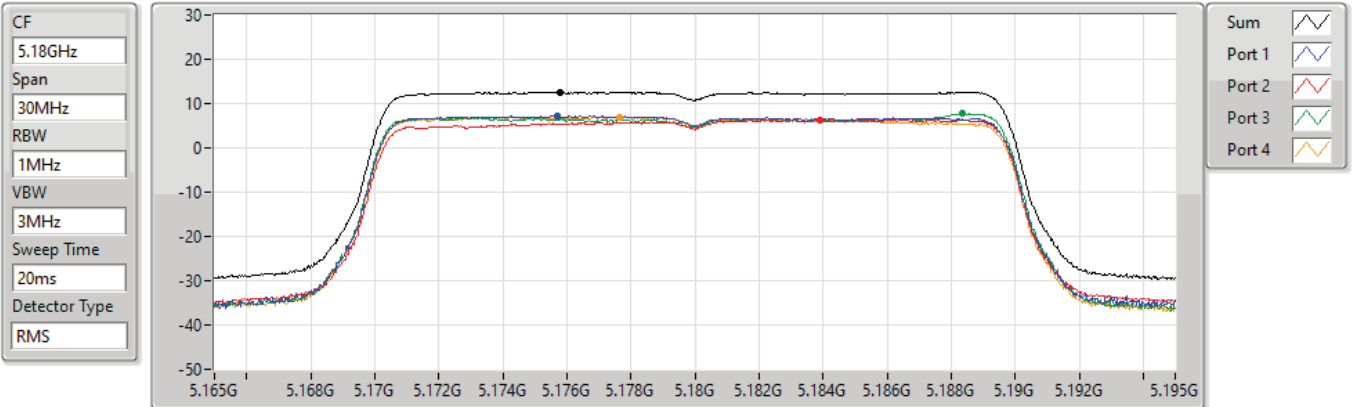
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5180MHz

27/07/2022



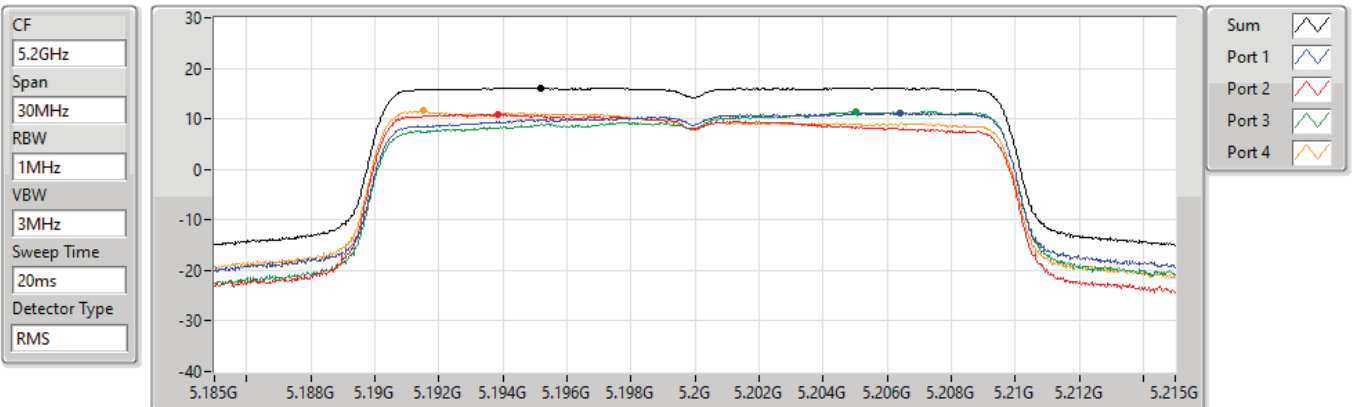
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.54	12.54	7.19	6.35	7.75	6.99

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5200MHz

27/07/2022



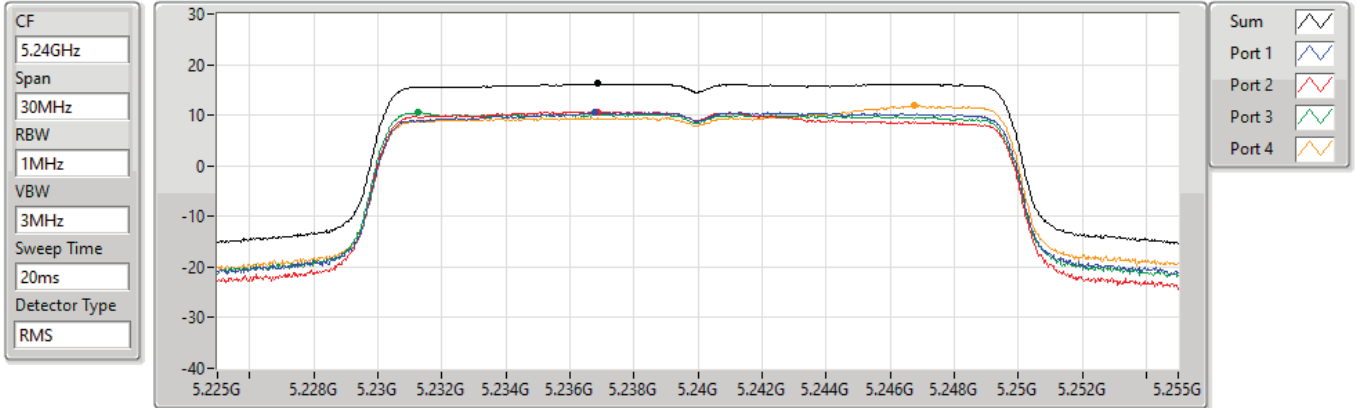
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.11	16.11	11.13	10.87	11.38	11.56

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

27/07/2022



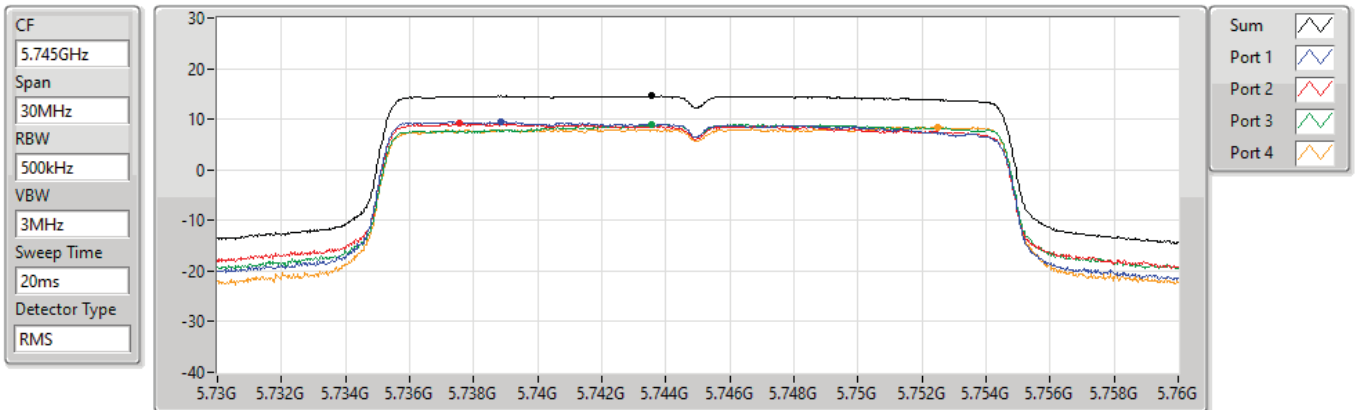
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.21	16.21	10.56	10.70	10.57	11.86

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5745MHz

27/07/2022



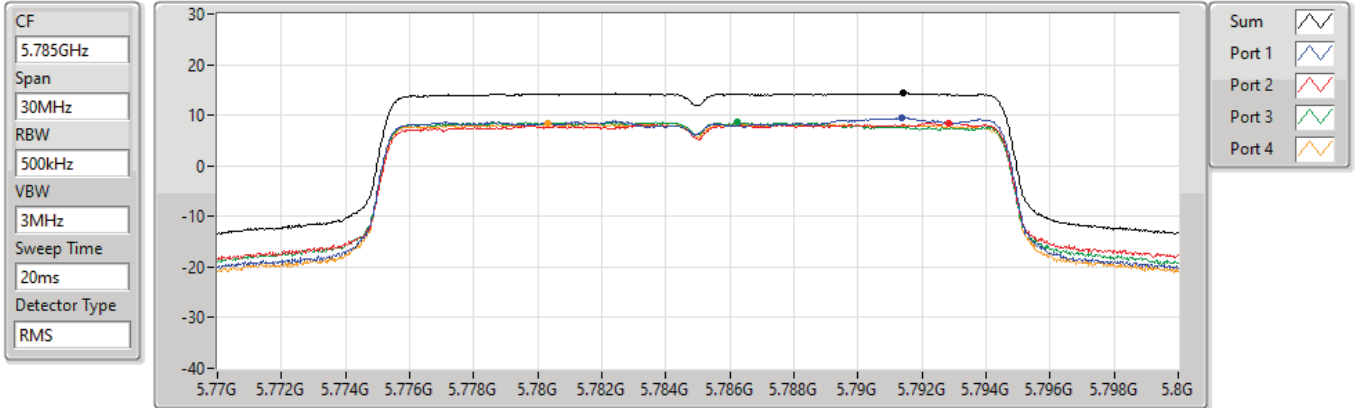
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.59	14.59	9.48	9.09	9.02	8.50

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5785MHz

27/07/2022



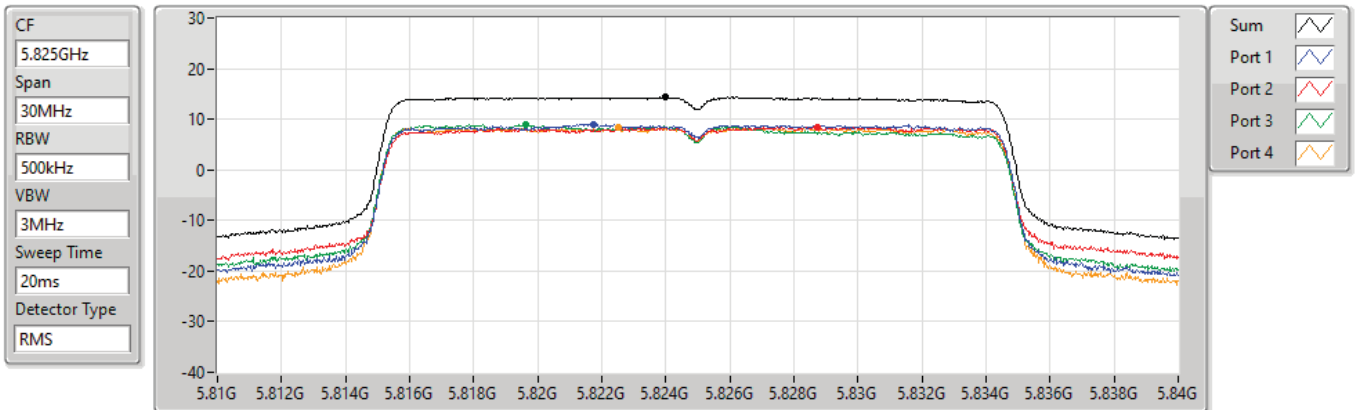
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.34	14.34	9.51	8.46	8.60	8.27

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5825MHz

27/07/2022



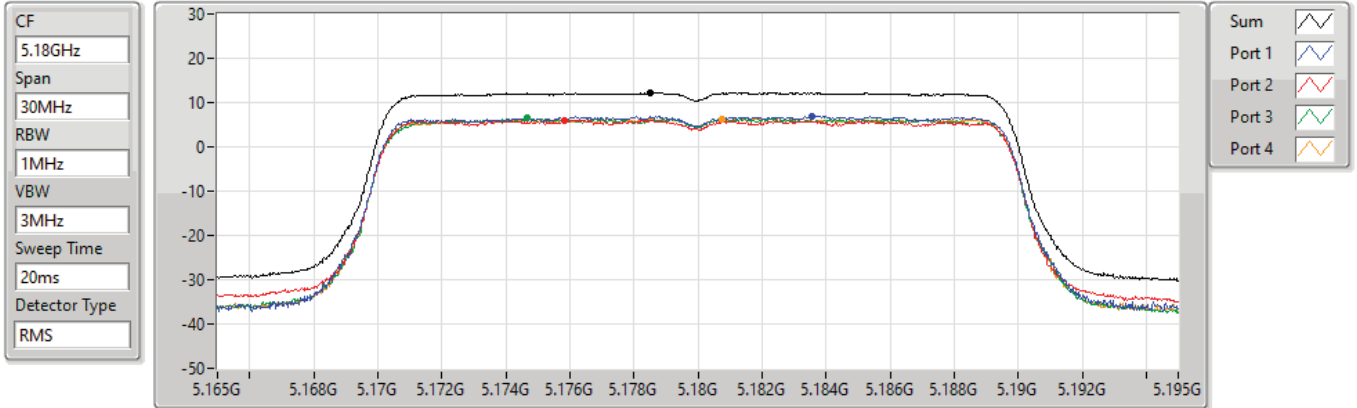
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.33	14.33	9.01	8.47	8.87	8.29

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5180MHz

27/07/2022



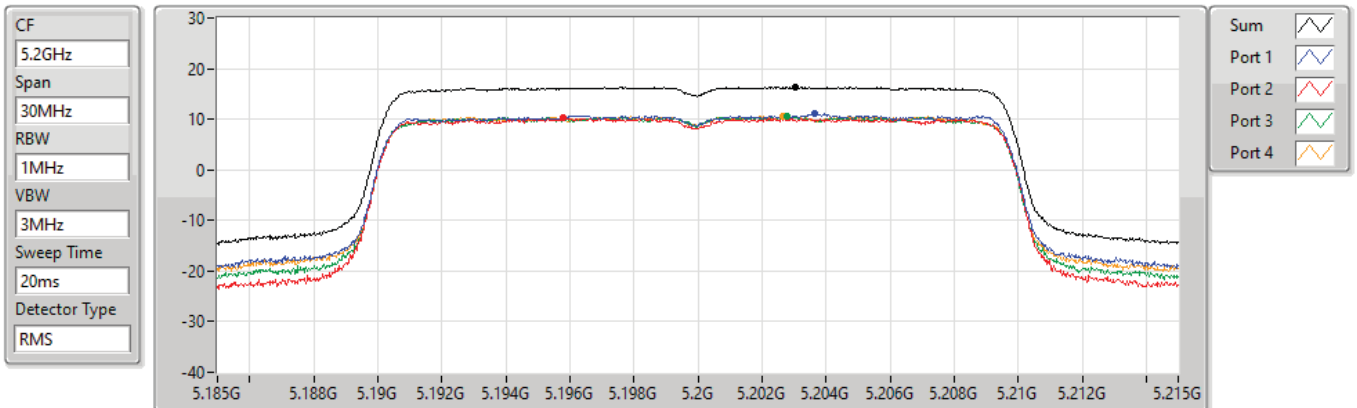
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.26	12.26	7.01	5.93	6.45	6.39

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5200MHz

27/07/2022



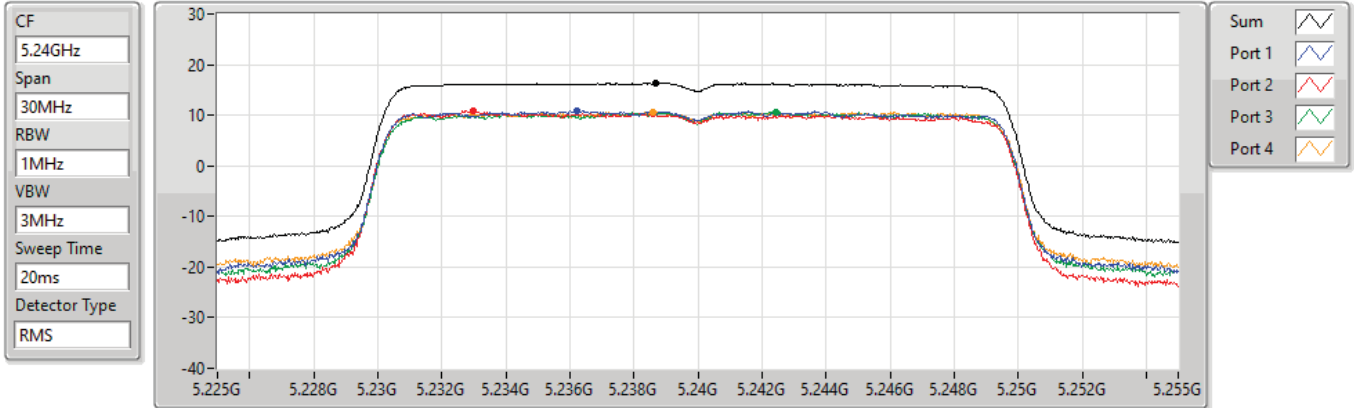
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.32	16.32	11.05	10.23	10.47	10.68

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5240MHz

27/07/2022



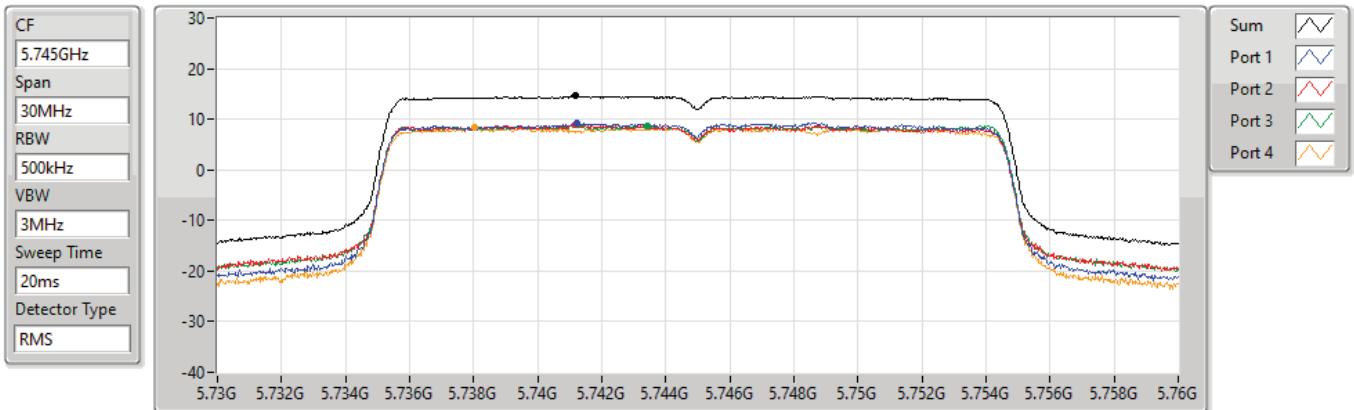
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.35	16.35	10.98	10.76	10.65	10.57

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5745MHz

27/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.67	14.67	9.33	9.07	8.75	8.28

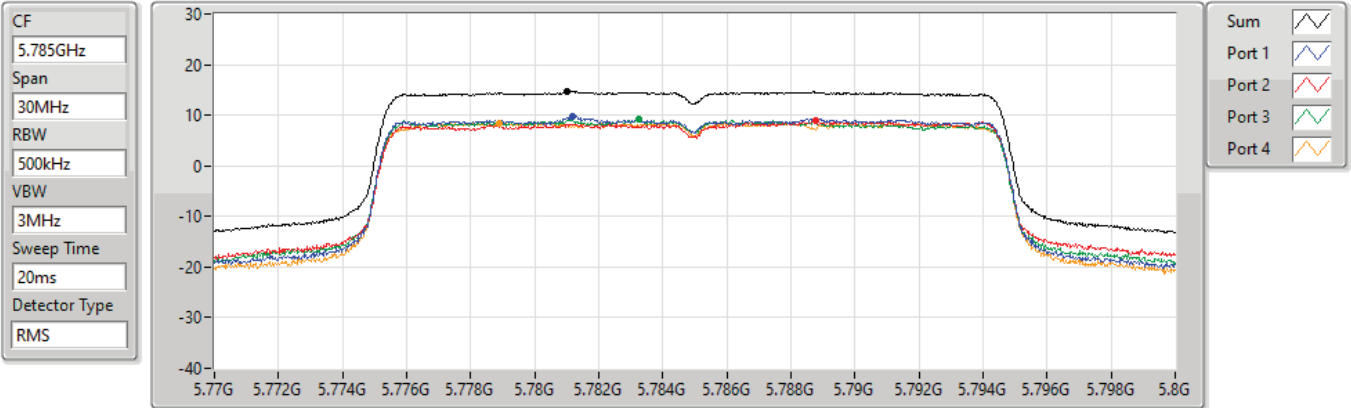


802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5785MHz

27/07/2022



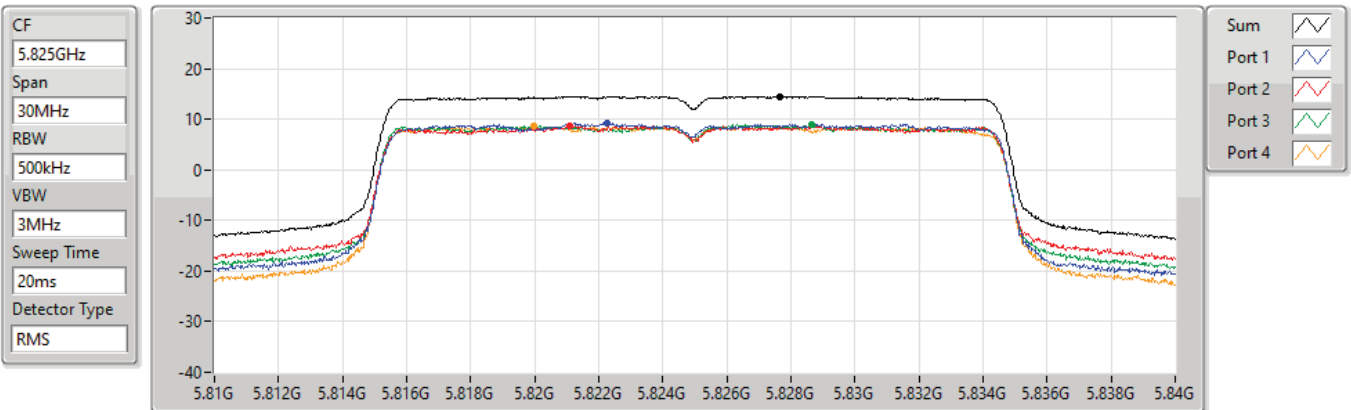
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.69	14.69	9.73	8.88	9.24	8.51

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

PSD

5825MHz

27/07/2022



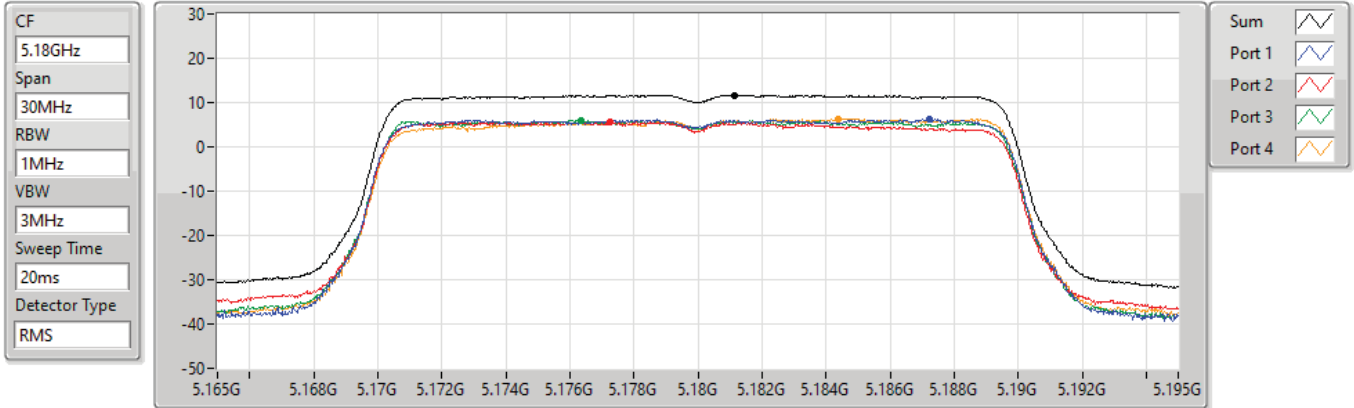
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.49	14.49	9.29	8.78	9.02	8.76

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5180MHz

27/07/2022



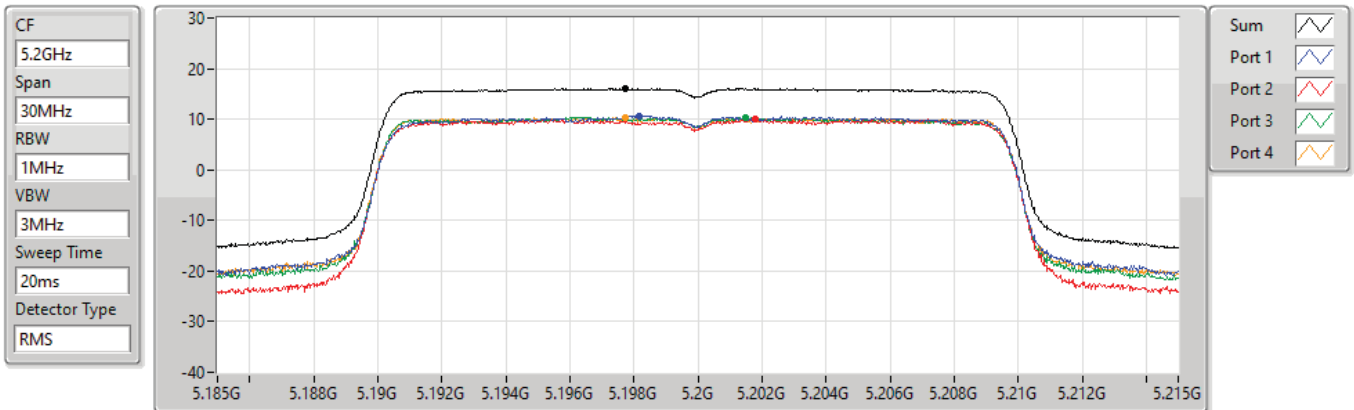
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.70	11.70	6.27	5.64	6.09	6.38

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5200MHz

27/07/2022



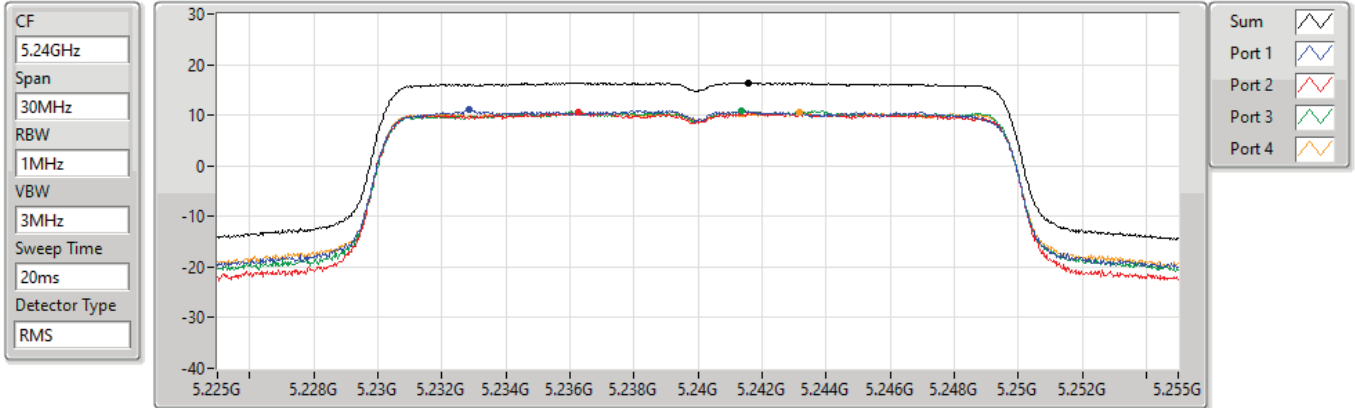
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.04	16.04	10.71	10.03	10.43	10.28

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5240MHz

27/07/2022



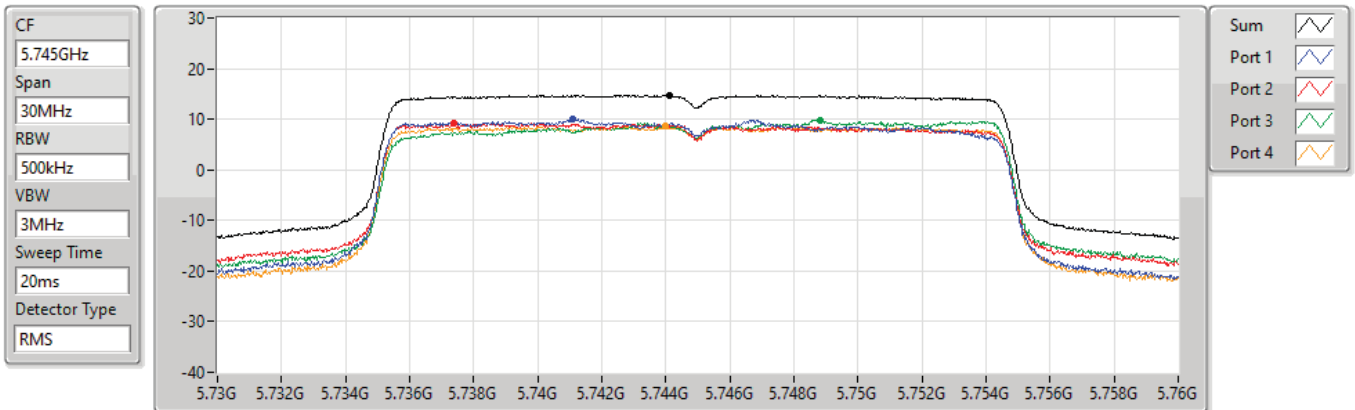
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.46	16.46	11.03	10.59	10.83	10.48

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5745MHz

27/07/2022



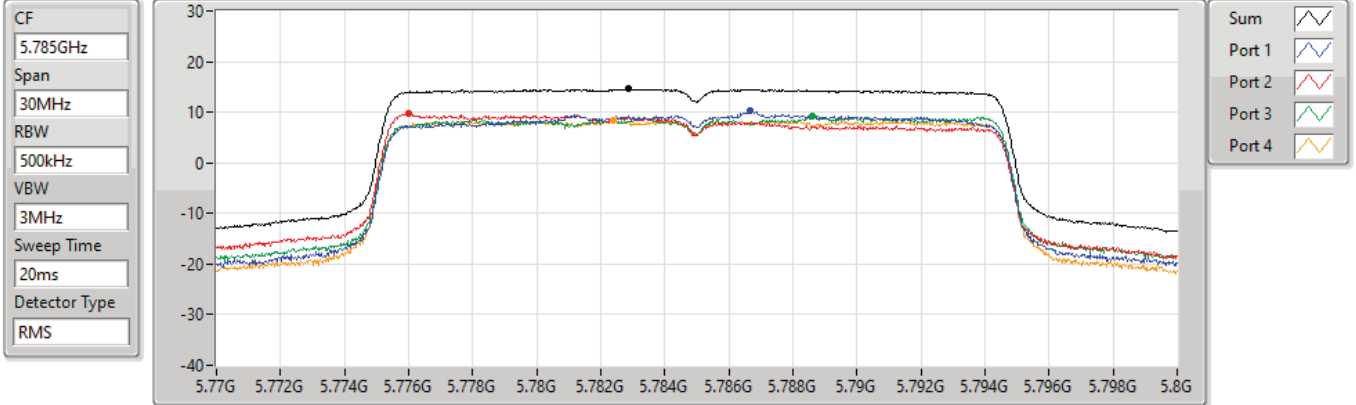
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.72	14.72	9.96	9.26	9.90	8.55

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5785MHz

27/07/2022



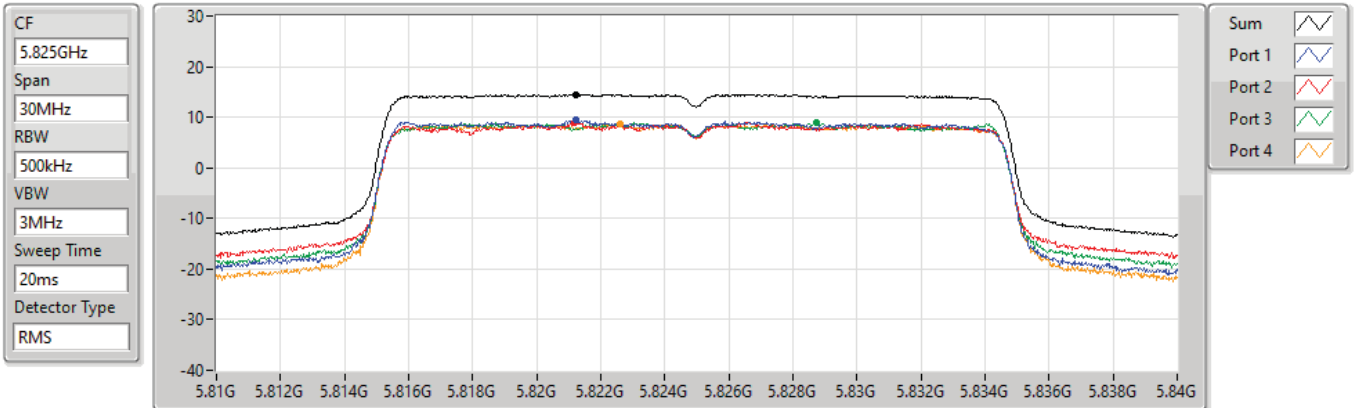
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.58	14.58	10.20	9.71	9.16	8.34

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

PSD

5825MHz

27/07/2022



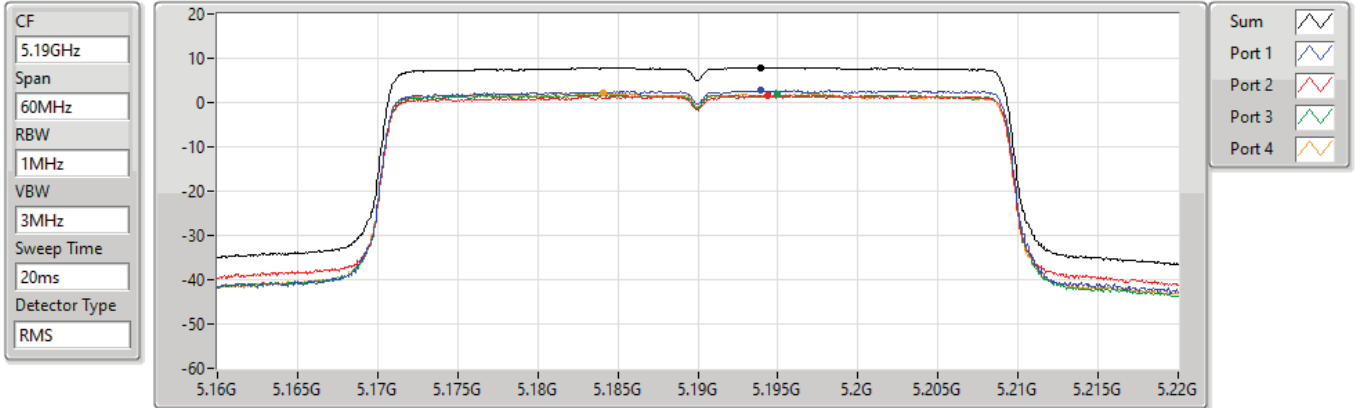
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.51	14.51	9.47	9.06	8.97	8.54

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

### PSD

#### 5190MHz

27/07/2022



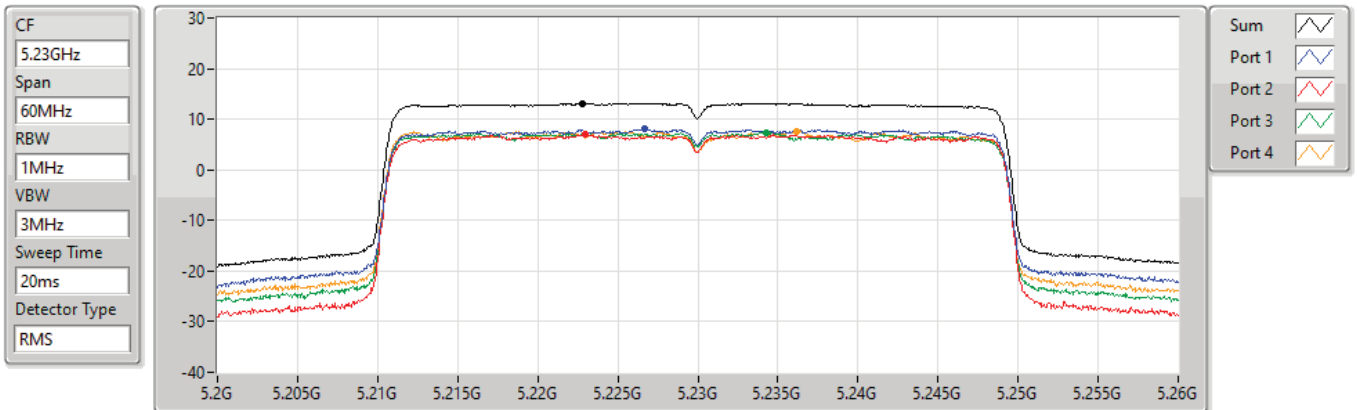
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	2.86	1.48	1.79	2.05

### 802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

### PSD

#### 5230MHz

27/07/2022



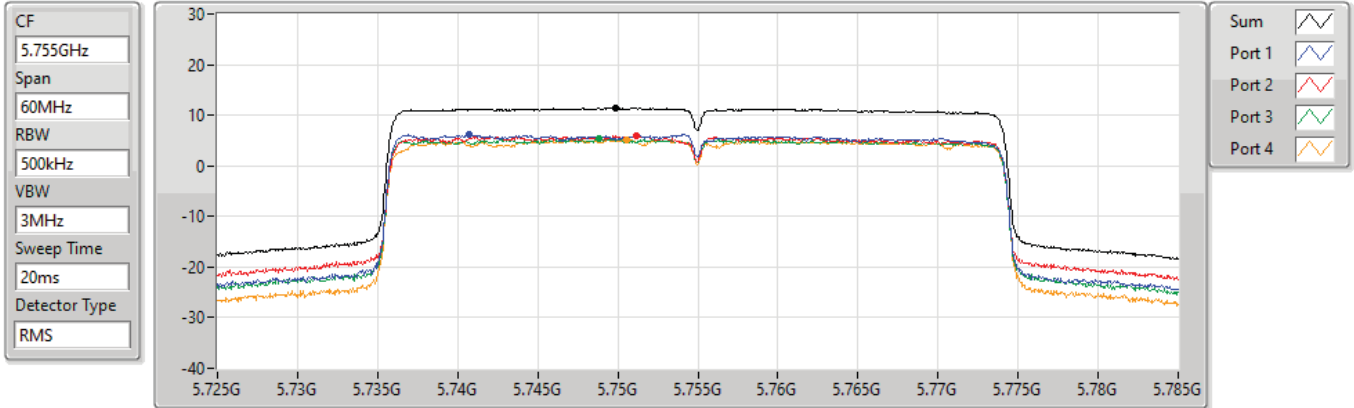
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.15	13.15	8.12	6.96	7.32	7.61

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5755MHz

27/07/2022



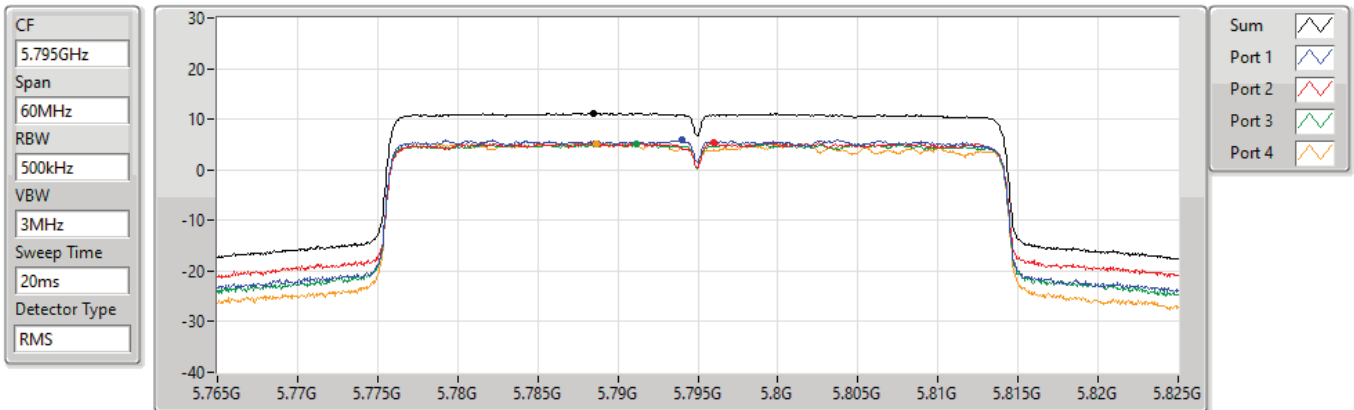
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.38	11.38	6.24	5.92	5.33	5.13

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

27/07/2022



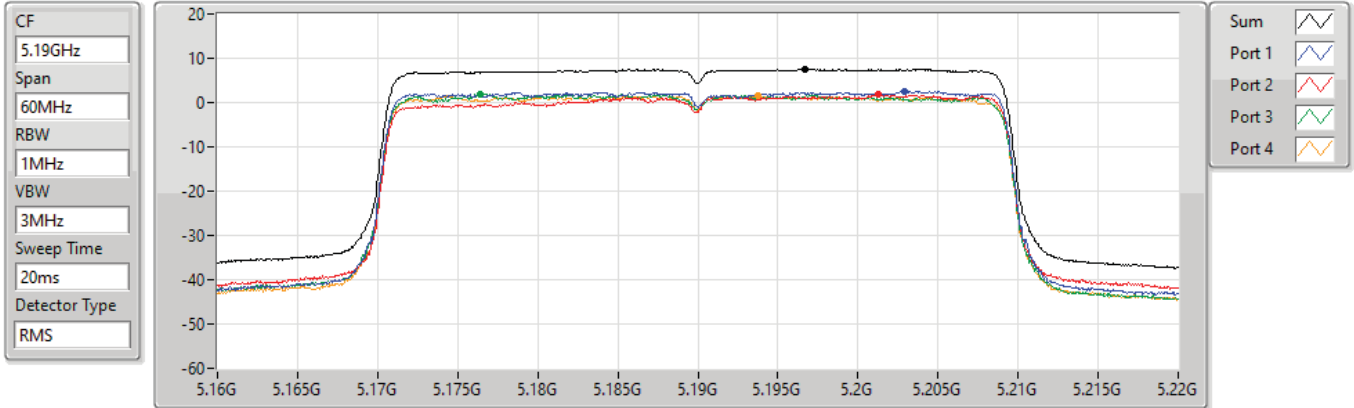
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.24	11.24	5.93	5.36	5.22	5.25

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

PSD

5190MHz

27/07/2022



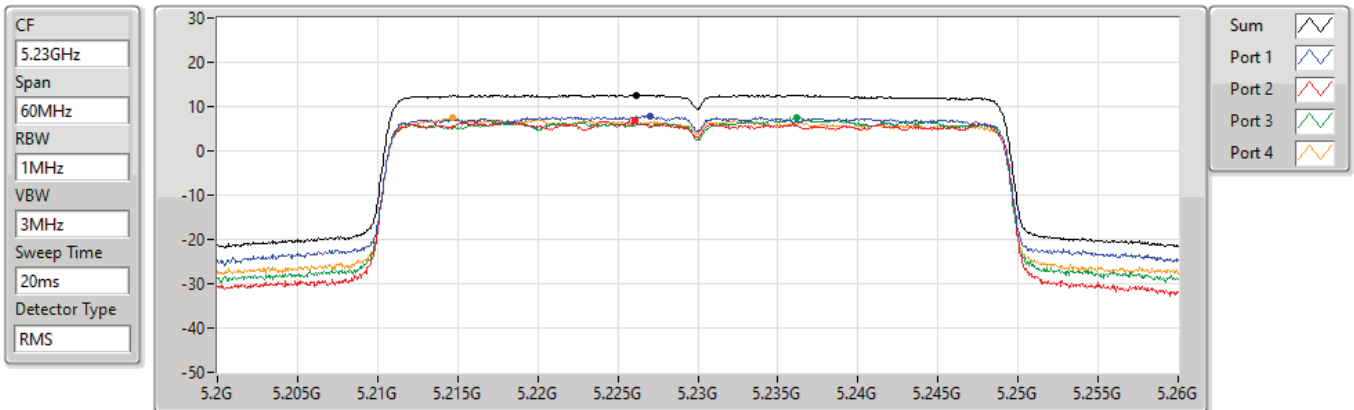
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	2.52	1.88	1.95	1.50

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

PSD

5230MHz

27/07/2022



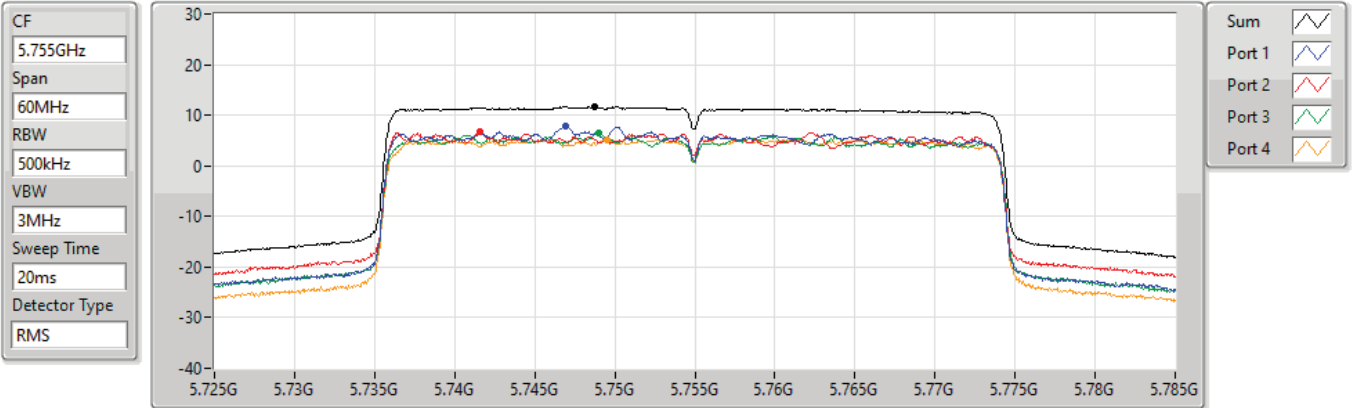
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	7.93	6.79	7.51	7.56

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

PSD

5755MHz

27/07/2022



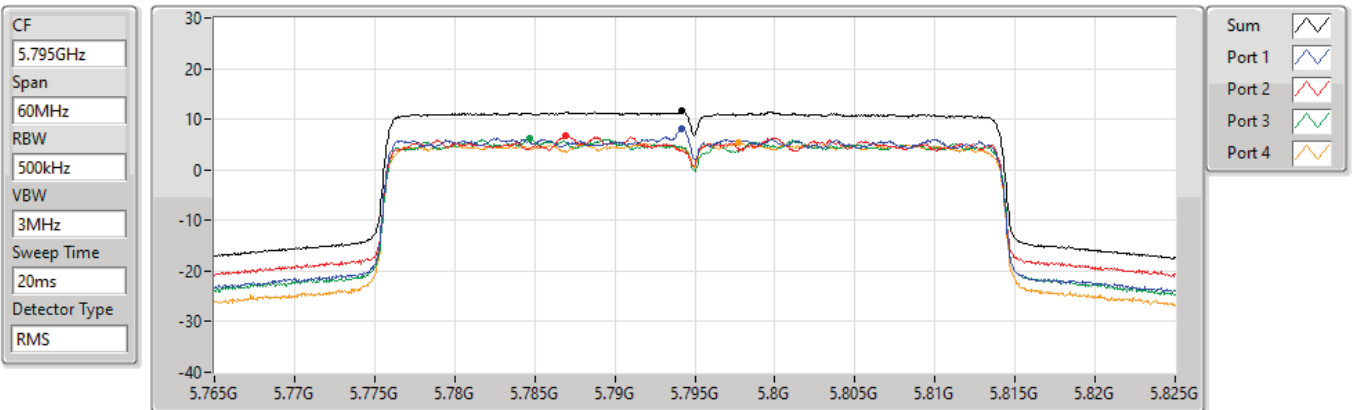
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.69	11.69	7.82	6.78	6.61	5.20

802.11ax HEW40-BF\_Nss2,(MCS0)\_4TX

PSD

5795MHz

27/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.55	11.55	8.24	6.66	6.25	5.41

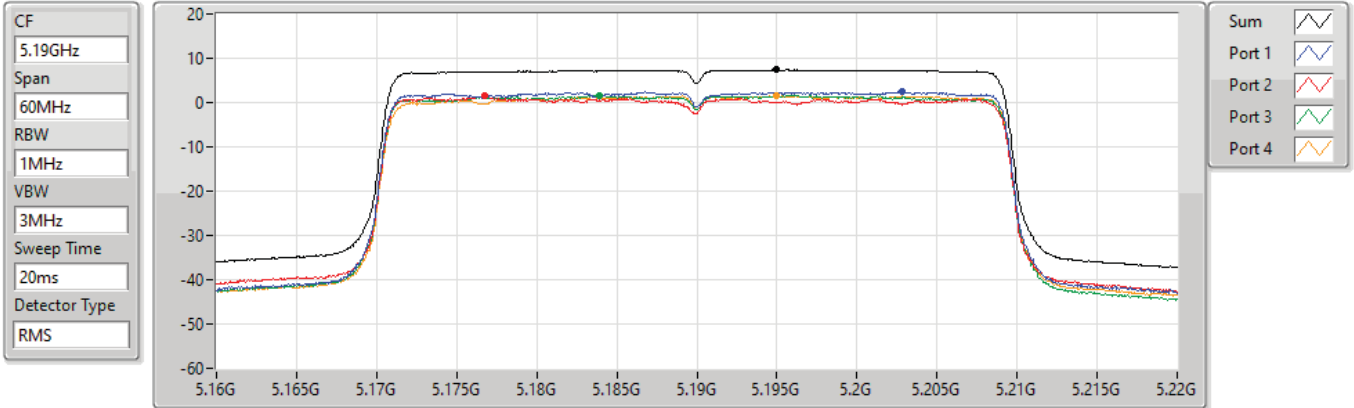


802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

PSD

5190MHz

27/07/2022



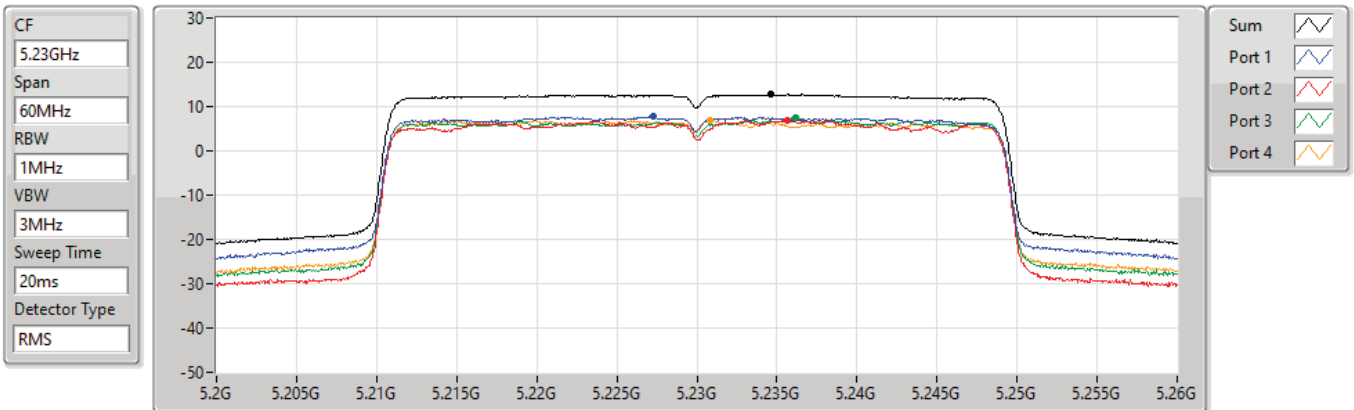
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	2.39	1.57	1.68	1.48

802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

PSD

5230MHz

27/07/2022



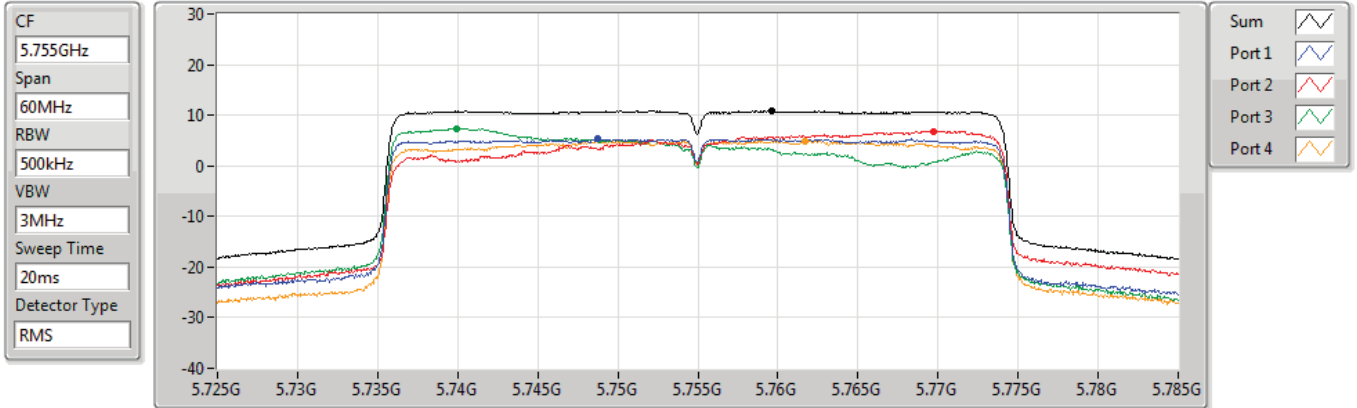
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.70	12.70	7.79	7.02	7.50	6.99

802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

PSD

5755MHz

31/07/2022



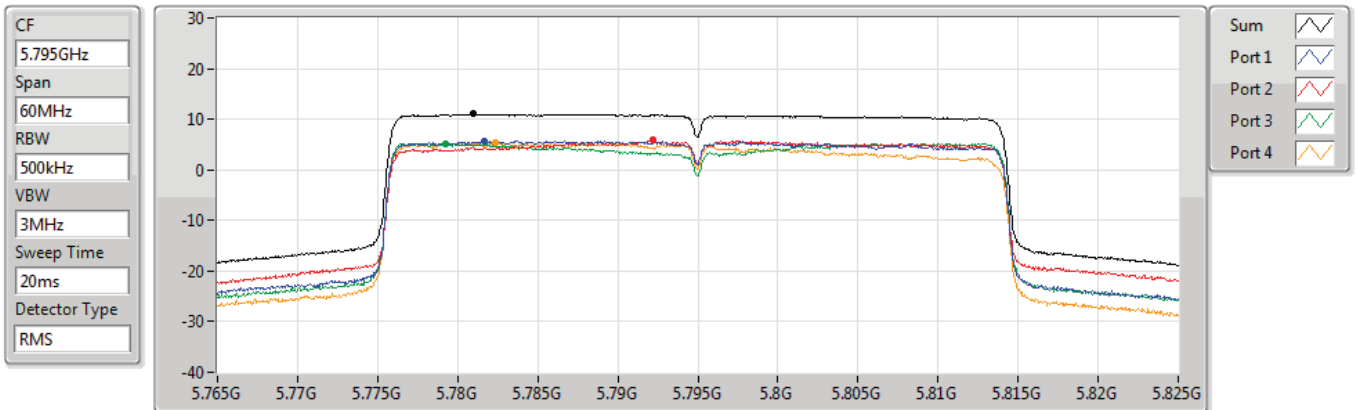
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	5.46	6.89	7.41	4.94

802.11ax HEW40-BF\_Nss3,(MCS0)\_4TX

PSD

5795MHz

31/07/2022



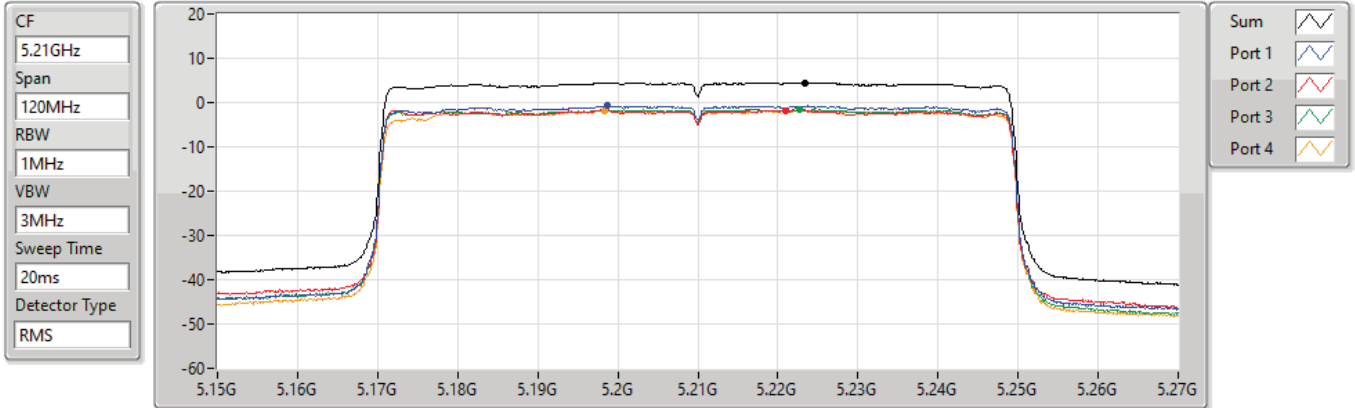
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	5.66	5.82	5.18	5.36

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

### PSD

#### 5210MHz

27/07/2022



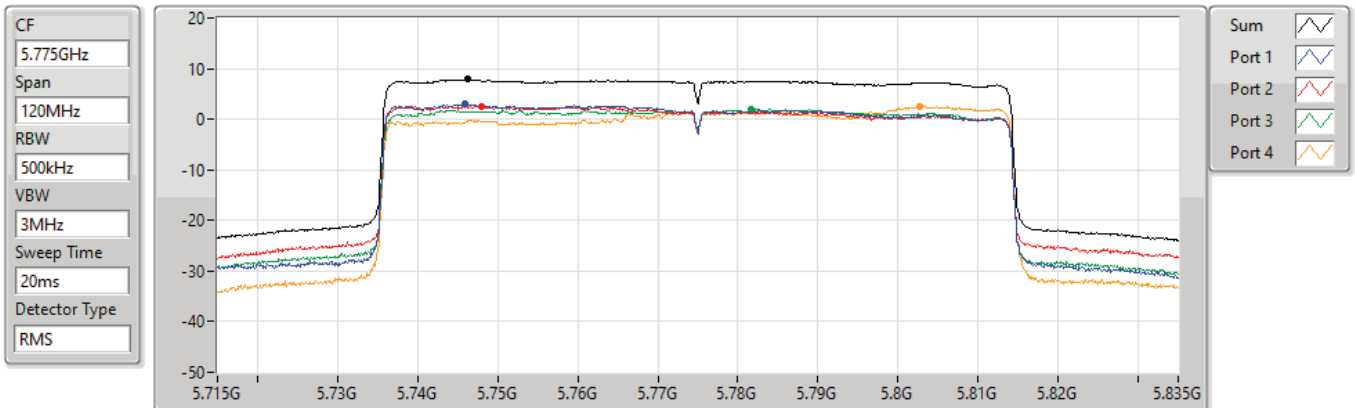
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	-0.78	-1.72	-1.58	-1.76

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

### PSD

#### 5775MHz

27/07/2022



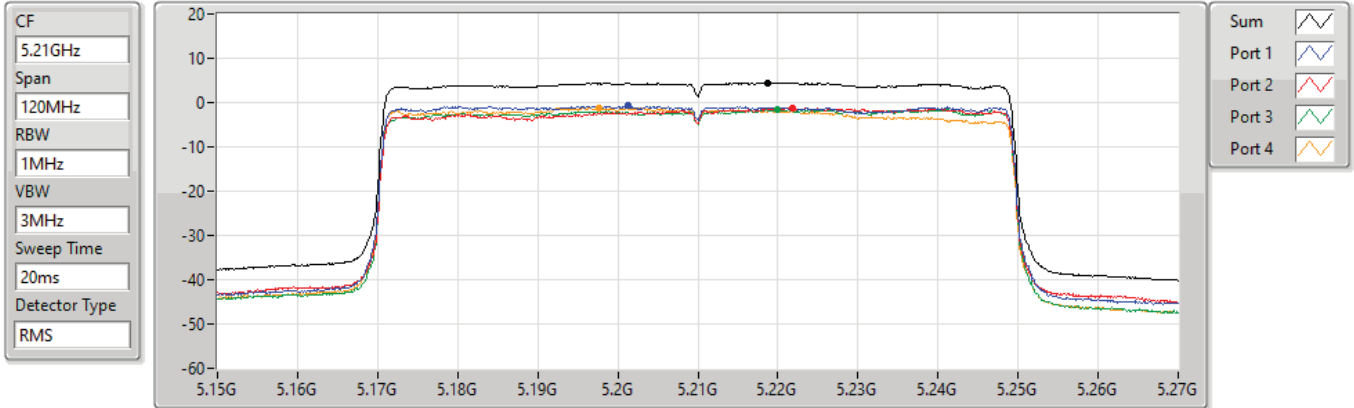
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	2.94	2.53	1.87	2.49

802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

PSD

5210MHz

27/07/2022



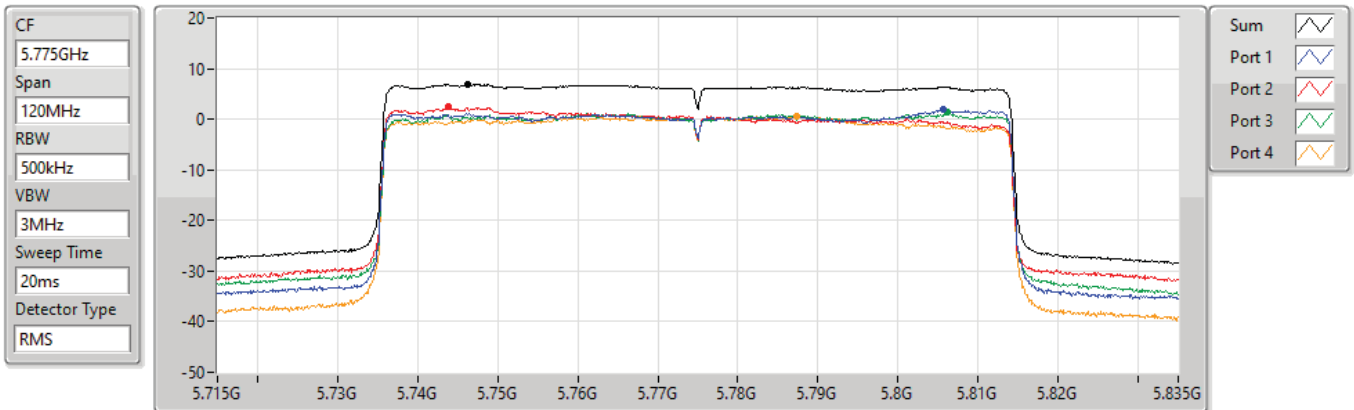
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	-0.78	-1.28	-1.49	-1.12

802.11ax HEW80-BF\_Nss2,(MCS0)\_4TX

PSD

5775MHz

27/07/2022



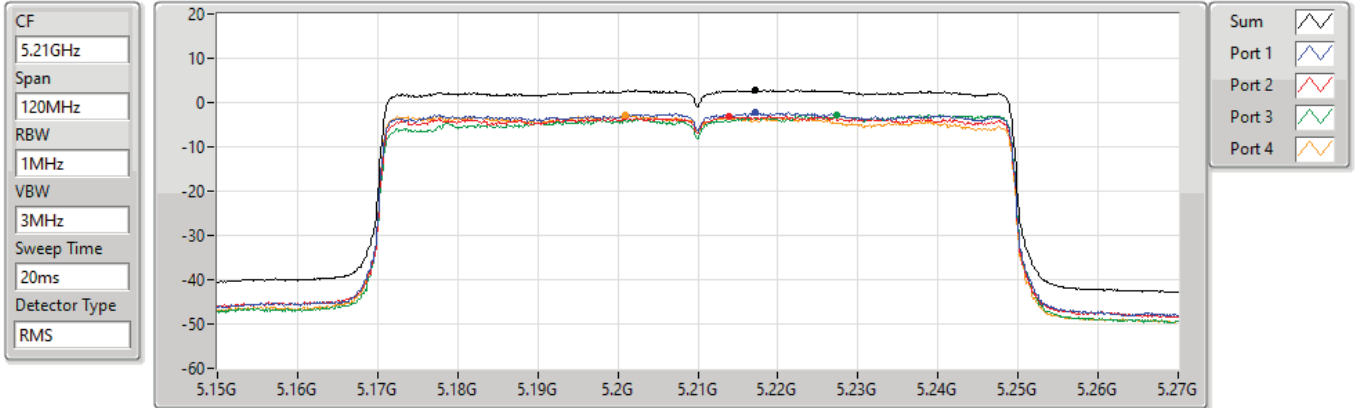
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	1.99	2.38	1.42	0.72

### 802.11ax HEW80-BF\_Nss3,(MCS0)\_4TX

### PSD

#### 5210MHz

27/07/2022



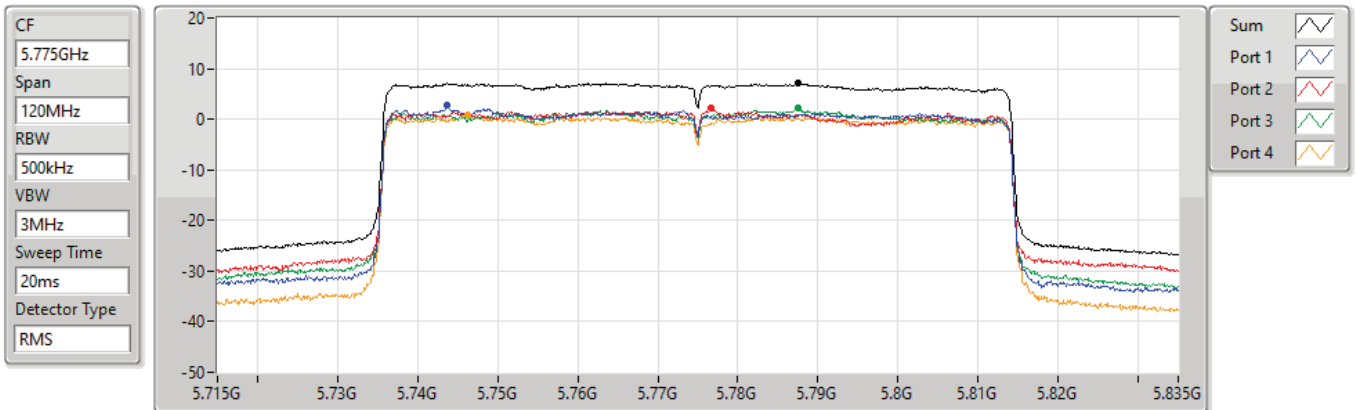
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	-2.30	-3.07	-2.84	-2.96

### 802.11ax HEW80-BF\_Nss3,(MCS0)\_4TX

### PSD

#### 5775MHz

27/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	2.69	2.15	2.36	0.83



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	QP	30.01M	36.79	40.00	-3.21	3	Horizontal	0	1.05	-



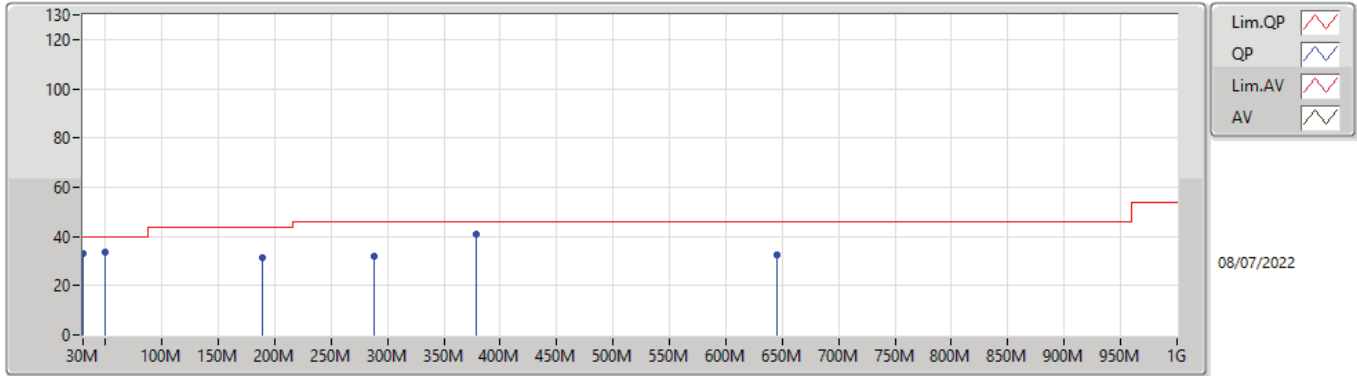
Result

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	49.4M	33.88	40.00	-6.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	189.08M	31.29	43.50	-12.21	3	Vertical	0	1.00	-
5775MHz	Pass	PK	288.02M	32.20	46.00	-13.80	3	Vertical	0	1.00	-
5775MHz	Pass	PK	379.2M	40.88	46.00	-5.12	3	Vertical	0	1.00	-
5775MHz	Pass	PK	644.98M	32.73	46.00	-13.27	3	Vertical	0	1.00	-
5775MHz	Pass	QP	30.02M	32.92	40.00	-7.08	3	Vertical	79	1.00	-
5775MHz	Pass	PK	47.46M	31.05	40.00	-8.95	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	192.96M	33.86	43.50	-9.64	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	270.56M	35.90	46.00	-10.10	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	381.14M	38.46	46.00	-7.54	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	648.86M	33.62	46.00	-12.38	3	Horizontal	360	1.00	-
5775MHz	Pass	QP	30.01M	36.79	40.00	-3.21	3	Horizontal	0	1.05	-



802.11ax HEW80\_Nss1,(MCS0)\_4TX

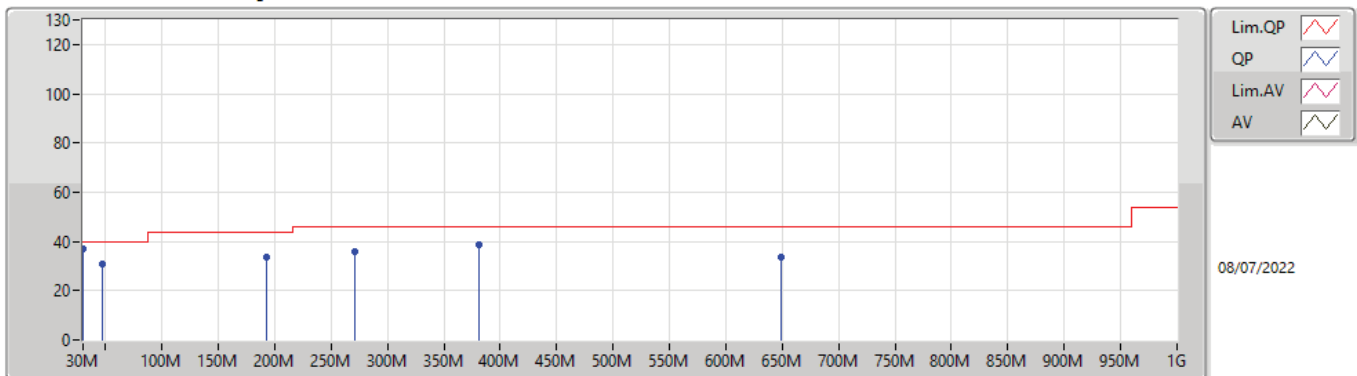
5775MHz\_Adapter



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	49.4M	33.88	40.00	-6.12	-12.90	3	Vertical	0	1.00	-	46.78	13.45	1.04	27.39
PK	189.08M	31.29	43.50	-12.21	-11.21	3	Vertical	0	1.00	-	42.50	14.28	1.97	27.46
PK	288.02M	32.20	46.00	-13.80	-6.63	3	Vertical	0	1.00	-	38.83	18.10	2.45	27.18
PK	379.2M	40.88	46.00	-5.12	-4.76	3	Vertical	0	1.00	-	45.64	20.13	2.81	27.70
PK	644.98M	32.73	46.00	-13.27	-0.62	3	Vertical	0	1.00	-	33.35	24.24	3.69	28.55
QP	30.02M	32.92	40.00	-7.08	-2.69	3	Vertical	79	1.00	-	35.61	23.25	1.02	26.96

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	47.46M	31.05	40.00	-8.95	-12.11	3	Horizontal	360	1.00	-	43.16	14.15	1.03	27.29
PK	192.96M	33.86	43.50	-9.64	-11.14	3	Horizontal	360	1.00	-	45.00	14.31	1.99	27.44
PK	270.56M	35.90	46.00	-10.10	-6.75	3	Horizontal	360	1.00	-	42.65	18.06	2.36	27.17
PK	381.14M	38.46	46.00	-7.54	-4.72	3	Horizontal	360	1.00	-	43.18	20.17	2.82	27.71
PK	648.86M	33.62	46.00	-12.38	-0.66	3	Horizontal	360	1.00	-	34.28	24.20	3.70	28.56
QP	30.01M	36.79	40.00	-3.21	-2.69	3	Horizontal	0	1.05	-	39.48	23.25	1.02	26.96





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.148G	73.82	74.00	-0.18	3	Vertical	114	1.84	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.74	54.00	-0.26	3	Vertical	138	1.66	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.148G	53.62	54.00	-0.38	3	Vertical	109	1.64	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	17.47776G	64.19	68.20	-4.01	3	Horizontal	48	1.38	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.6458G	63.49	68.20	-4.71	3	Vertical	22	2.14	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6478G	66.93	68.20	-1.27	3	Vertical	22	2.14	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20_Nss1 (MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	50.86	54.00	-3.14	3	Vertical	114	1.84	-
5180MHz	Pass	AV	5.173G	105.98	Inf	-Inf	3	Vertical	114	1.84	-
5180MHz	Pass	PK	5.148G	73.82	74.00	-0.18	3	Vertical	114	1.84	-
5180MHz	Pass	PK	5.1784G	119.93	Inf	-Inf	3	Vertical	114	1.84	-
5180MHz	Pass	AV	5.147G	50.49	54.00	-3.51	3	Horizontal	164	2.46	-
5180MHz	Pass	AV	5.1772G	105.66	Inf	-Inf	3	Horizontal	164	2.46	-
5180MHz	Pass	PK	5.1472G	70.73	74.00	-3.27	3	Horizontal	164	2.46	-
5180MHz	Pass	PK	5.172G	118.36	Inf	-Inf	3	Horizontal	164	2.46	-
5180MHz	Pass	AV	15.52728G	47.91	54.00	-6.09	3	Vertical	341	1.50	-
5180MHz	Pass	PK	10.37128G	53.29	68.20	-14.91	3	Vertical	149	1.26	-
5180MHz	Pass	PK	15.54216G	61.98	74.00	-12.02	3	Vertical	341	1.50	-
5180MHz	Pass	AV	15.53148G	47.94	54.00	-6.06	3	Horizontal	226	1.50	-
5180MHz	Pass	PK	10.36744G	53.83	68.20	-14.37	3	Horizontal	197	1.63	-
5180MHz	Pass	PK	15.5388G	61.32	74.00	-12.68	3	Horizontal	226	1.50	-
5200MHz	Pass	AV	5.1488G	51.97	54.00	-2.03	3	Vertical	110	1.80	-
5200MHz	Pass	AV	5.208G	110.00	Inf	-Inf	3	Vertical	110	1.80	-
5200MHz	Pass	PK	5.1492G	72.72	74.00	-1.28	3	Vertical	110	1.80	-
5200MHz	Pass	PK	5.1984G	123.95	Inf	-Inf	3	Vertical	110	1.80	-
5200MHz	Pass	AV	5.15G	50.85	54.00	-3.15	3	Horizontal	161	2.92	-
5200MHz	Pass	AV	5.202G	108.55	Inf	-Inf	3	Horizontal	161	2.92	-
5200MHz	Pass	PK	5.1468G	68.41	74.00	-5.59	3	Horizontal	161	2.92	-
5200MHz	Pass	PK	5.2072G	120.85	Inf	-Inf	3	Horizontal	161	2.92	-
5200MHz	Pass	AV	15.59668G	51.10	54.00	-2.90	3	Vertical	218	1.86	-
5200MHz	Pass	PK	10.40188G	53.88	68.20	-14.32	3	Vertical	127	2.05	-
5200MHz	Pass	PK	15.5918G	67.09	74.00	-6.91	3	Vertical	218	1.86	-
5200MHz	Pass	AV	15.60196G	50.97	54.00	-3.03	3	Horizontal	240	1.50	-
5200MHz	Pass	PK	10.39948G	53.72	68.20	-14.48	3	Horizontal	49	1.79	-
5200MHz	Pass	PK	15.59236G	65.30	74.00	-8.70	3	Horizontal	240	1.50	-
5240MHz	Pass	AV	5.15G	49.84	54.00	-4.16	3	Vertical	137	1.64	-
5240MHz	Pass	AV	5.2352G	109.77	Inf	-Inf	3	Vertical	137	1.64	-
5240MHz	Pass	AV	5.35G	48.70	54.00	-5.30	3	Vertical	137	1.64	-
5240MHz	Pass	PK	5.1494G	61.66	74.00	-12.34	3	Vertical	137	1.64	-
5240MHz	Pass	PK	5.2454G	122.11	Inf	-Inf	3	Vertical	137	1.64	-
5240MHz	Pass	PK	5.3828G	60.85	74.00	-13.15	3	Vertical	137	1.64	-
5240MHz	Pass	AV	5.147G	49.26	54.00	-4.74	3	Horizontal	160	3.00	-
5240MHz	Pass	AV	5.2418G	109.68	Inf	-Inf	3	Horizontal	160	3.00	-
5240MHz	Pass	AV	5.357G	48.12	54.00	-5.88	3	Horizontal	160	3.00	-
5240MHz	Pass	PK	5.147G	62.22	74.00	-11.78	3	Horizontal	160	3.00	-
5240MHz	Pass	PK	5.2322G	122.59	Inf	-Inf	3	Horizontal	160	3.00	-
5240MHz	Pass	PK	5.36G	60.28	74.00	-13.72	3	Horizontal	160	3.00	-
5240MHz	Pass	AV	15.71684G	52.10	54.00	-1.90	3	Vertical	219	1.79	-
5240MHz	Pass	PK	10.47116G	54.12	68.20	-14.08	3	Vertical	295	2.58	-
5240MHz	Pass	PK	15.71204G	66.77	74.00	-7.23	3	Vertical	219	1.79	-
5240MHz	Pass	AV	15.71708G	51.23	54.00	-2.77	3	Horizontal	238	1.39	-
5240MHz	Pass	PK	10.48596G	53.75	68.20	-14.45	3	Horizontal	319	1.85	-
5240MHz	Pass	PK	15.71236G	66.92	74.00	-7.08	3	Horizontal	238	1.39	-
5745MHz	Pass	AV	5.7366G	111.08	Inf	-Inf	3	Vertical	20	2.35	-
5745MHz	Pass	PK	5.5074G	62.12	68.20	-6.08	3	Vertical	20	2.35	-
5745MHz	Pass	PK	5.7414G	121.37	Inf	-Inf	3	Vertical	20	2.35	-
5745MHz	Pass	PK	5.9382G	61.29	68.20	-6.91	3	Vertical	20	2.35	-
5745MHz	Pass	AV	5.7414G	108.10	Inf	-Inf	3	Horizontal	340	1.56	-
5745MHz	Pass	PK	5.6382G	60.71	68.20	-7.49	3	Horizontal	340	1.56	-
5745MHz	Pass	PK	5.7462G	119.22	Inf	-Inf	3	Horizontal	340	1.56	-
5745MHz	Pass	PK	5.9418G	60.40	68.20	-7.80	3	Horizontal	340	1.56	-
5745MHz	Pass	AV	11.49264G	41.32	54.00	-12.68	3	Vertical	118	2.76	-
5745MHz	Pass	PK	11.4876G	55.01	74.00	-18.99	3	Vertical	118	2.76	-
5745MHz	Pass	PK	17.22684G	62.86	68.20	-5.34	3	Vertical	11	1.70	-
5745MHz	Pass	AV	11.49136G	41.40	54.00	-12.60	3	Horizontal	2	1.96	-
5745MHz	Pass	PK	11.4878G	54.73	74.00	-19.27	3	Horizontal	2	1.96	-
5745MHz	Pass	PK	17.22756G	63.83	68.20	-4.37	3	Horizontal	113	1.50	-



RSE TX above 1GHz\_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7886G	109.14	Inf	-Inf	3	Vertical	138	1.50	-
5785MHz	Pass	PK	5.5414G	61.61	68.20	-6.59	3	Vertical	138	1.50	-
5785MHz	Pass	PK	5.785G	121.10	Inf	-Inf	3	Vertical	138	1.50	-
5785MHz	Pass	PK	5.9494G	62.62	68.20	-5.58	3	Vertical	138	1.50	-
5785MHz	Pass	AV	5.7814G	108.37	Inf	-Inf	3	Horizontal	339	1.33	-
5785MHz	Pass	PK	5.5414G	60.65	68.20	-7.55	3	Horizontal	339	1.33	-
5785MHz	Pass	PK	5.7862G	118.94	Inf	-Inf	3	Horizontal	339	1.33	-
5785MHz	Pass	PK	6.0334G	61.28	68.20	-6.92	3	Horizontal	339	1.33	-
5785MHz	Pass	AV	11.56268G	41.16	54.00	-12.84	3	Vertical	352	2.34	-
5785MHz	Pass	PK	11.56188G	53.96	74.00	-20.04	3	Vertical	352	2.34	-
5785MHz	Pass	PK	17.34888G	62.71	68.20	-5.49	3	Vertical	192	2.29	-
5785MHz	Pass	AV	11.56768G	41.27	54.00	-12.73	3	Horizontal	192	2.48	-
5785MHz	Pass	PK	11.56788G	55.25	74.00	-18.75	3	Horizontal	192	2.48	-
5785MHz	Pass	PK	17.35024G	63.78	68.20	-4.42	3	Horizontal	239	1.50	-
5825MHz	Pass	AV	5.8298G	109.38	Inf	-Inf	3	Vertical	135	1.79	-
5825MHz	Pass	PK	5.5766G	61.18	68.20	-7.02	3	Vertical	135	1.79	-
5825MHz	Pass	PK	5.825G	120.18	Inf	-Inf	3	Vertical	135	1.79	-
5825MHz	Pass	PK	6.0842G	61.28	68.20	-6.92	3	Vertical	135	1.79	-
5825MHz	Pass	AV	5.8274G	109.47	Inf	-Inf	3	Horizontal	147	2.92	-
5825MHz	Pass	PK	5.6258G	61.58	68.20	-6.62	3	Horizontal	147	2.92	-
5825MHz	Pass	PK	5.8322G	120.30	Inf	-Inf	3	Horizontal	147	2.92	-
5825MHz	Pass	PK	5.9678G	61.14	68.20	-7.06	3	Horizontal	147	2.92	-
5825MHz	Pass	AV	11.64192G	41.07	54.00	-12.93	3	Vertical	234	1.50	-
5825MHz	Pass	PK	11.65016G	55.87	74.00	-18.13	3	Vertical	234	1.50	-
5825MHz	Pass	PK	17.4742G	63.59	68.20	-4.61	3	Vertical	169	1.50	-
5825MHz	Pass	AV	11.65484G	41.09	54.00	-12.91	3	Horizontal	229	1.42	-
5825MHz	Pass	PK	11.64964G	54.58	74.00	-19.42	3	Horizontal	229	1.42	-
5825MHz	Pass	PK	17.47776G	64.19	68.20	-4.01	3	Horizontal	48	1.38	-
802.11ax HEW40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1484G	53.49	54.00	-0.51	3	Vertical	108	1.66	-
5190MHz	Pass	AV	5.1936G	101.97	Inf	-Inf	3	Vertical	108	1.66	-
5190MHz	Pass	PK	5.148G	64.68	74.00	-9.32	3	Vertical	108	1.66	-
5190MHz	Pass	PK	5.1832G	113.73	Inf	-Inf	3	Vertical	108	1.66	-
5190MHz	Pass	AV	5.1468G	51.76	54.00	-2.24	3	Horizontal	162	2.92	-
5190MHz	Pass	AV	5.182G	100.66	Inf	-Inf	3	Horizontal	162	2.92	-
5190MHz	Pass	PK	5.1492G	65.36	74.00	-8.64	3	Horizontal	162	2.92	-
5190MHz	Pass	PK	5.2072G	111.53	Inf	-Inf	3	Horizontal	162	2.92	-
5190MHz	Pass	AV	15.55328G	49.63	54.00	-4.37	3	Vertical	41	1.65	-
5190MHz	Pass	PK	10.38416G	54.20	68.20	-14.00	3	Vertical	223	1.26	-
5190MHz	Pass	PK	15.57592G	61.10	74.00	-12.90	3	Vertical	41	1.65	-
5190MHz	Pass	AV	15.55984G	49.30	54.00	-4.70	3	Horizontal	21	1.65	-
5190MHz	Pass	PK	10.39496G	53.46	68.20	-14.74	3	Horizontal	165	1.35	-
5190MHz	Pass	PK	15.55808G	60.92	74.00	-13.08	3	Horizontal	21	1.65	-
5230MHz	Pass	AV	5.15G	53.74	54.00	-0.26	3	Vertical	138	1.66	-
5230MHz	Pass	AV	5.2352G	106.41	Inf	-Inf	3	Vertical	138	1.66	-
5230MHz	Pass	PK	5.15G	66.67	74.00	-7.33	3	Vertical	138	1.66	-
5230MHz	Pass	PK	5.2356G	117.21	Inf	-Inf	3	Vertical	138	1.66	-
5230MHz	Pass	AV	5.142G	51.71	54.00	-2.29	3	Horizontal	160	2.88	-
5230MHz	Pass	AV	5.2172G	106.44	Inf	-Inf	3	Horizontal	160	2.88	-
5230MHz	Pass	PK	5.1424G	65.85	74.00	-8.15	3	Horizontal	160	2.88	-
5230MHz	Pass	PK	5.2176G	117.44	Inf	-Inf	3	Horizontal	160	2.88	-
5230MHz	Pass	AV	15.67632G	48.17	54.00	-5.83	3	Vertical	195	2.50	-
5230MHz	Pass	PK	10.4692G	53.29	68.20	-14.91	3	Vertical	227	2.41	-
5230MHz	Pass	PK	15.69872G	61.29	74.00	-12.71	3	Vertical	195	2.50	-
5230MHz	Pass	AV	15.68808G	48.24	54.00	-5.76	3	Horizontal	19	1.92	-
5230MHz	Pass	PK	10.46912G	53.60	68.20	-14.60	3	Horizontal	44	2.08	-
5230MHz	Pass	PK	15.6916G	60.15	74.00	-13.85	3	Horizontal	19	1.92	-
5755MHz	Pass	AV	5.7622G	108.71	Inf	-Inf	3	Vertical	22	2.14	-
5755MHz	Pass	PK	5.6458G	63.49	68.20	-4.71	3	Vertical	22	2.14	-
5755MHz	Pass	PK	5.761G	119.15	Inf	-Inf	3	Vertical	22	2.14	-
5755MHz	Pass	PK	5.9314G	60.88	68.20	-7.32	3	Vertical	22	2.14	-
5755MHz	Pass	AV	5.761G	106.97	Inf	-Inf	3	Horizontal	344	1.50	-



RSE TX above 1GHz\_Non-Beamforming

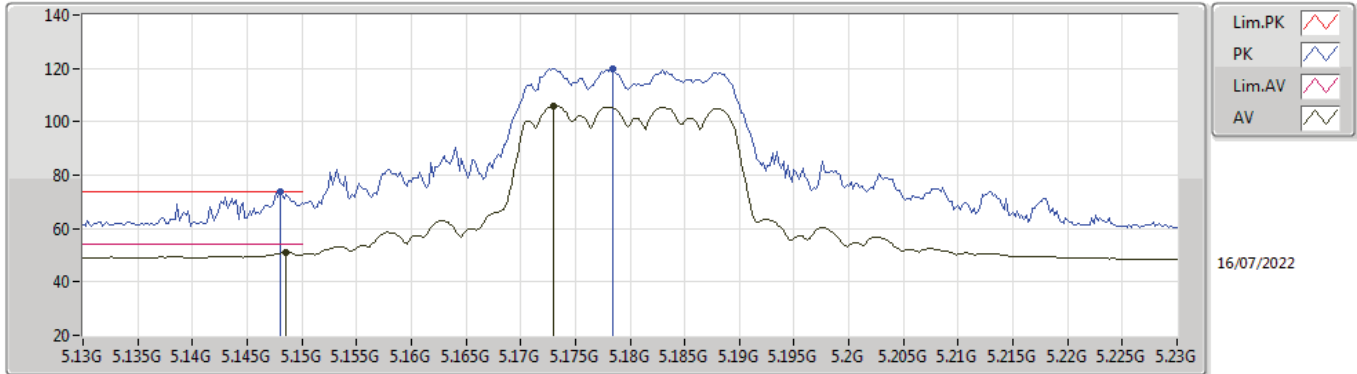
Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	5.6458G	62.46	68.20	-5.74	3	Horizontal	344	1.50	-
5755MHz	Pass	PK	5.7562G	116.29	Inf	-Inf	3	Horizontal	344	1.50	-
5755MHz	Pass	PK	6.019G	61.48	68.20	-6.72	3	Horizontal	344	1.50	-
5755MHz	Pass	AV	11.51152G	42.72	54.00	-11.28	3	Vertical	276	1.43	-
5755MHz	Pass	PK	11.51488G	54.71	74.00	-19.29	3	Vertical	276	1.43	-
5755MHz	Pass	PK	17.24812G	62.41	68.20	-5.79	3	Vertical	318	1.72	-
5755MHz	Pass	AV	11.49768G	42.65	54.00	-11.35	3	Horizontal	4	2.17	-
5755MHz	Pass	PK	11.52704G	54.22	74.00	-19.78	3	Horizontal	4	2.17	-
5755MHz	Pass	PK	17.2714G	62.15	68.20	-6.05	3	Horizontal	246	1.91	-
5795MHz	Pass	AV	5.8046G	107.88	Inf	-Inf	3	Vertical	137	1.74	-
5795MHz	Pass	PK	5.6354G	62.05	68.20	-6.15	3	Vertical	137	1.74	-
5795MHz	Pass	PK	5.8034G	118.19	Inf	-Inf	3	Vertical	137	1.74	-
5795MHz	Pass	PK	5.9294G	61.76	68.20	-6.44	3	Vertical	137	1.74	-
5795MHz	Pass	AV	5.7818G	106.13	Inf	-Inf	3	Horizontal	343	1.33	-
5795MHz	Pass	PK	5.615G	60.54	68.20	-7.66	3	Horizontal	343	1.33	-
5795MHz	Pass	PK	5.8058G	116.27	Inf	-Inf	3	Horizontal	343	1.33	-
5795MHz	Pass	PK	6.0506G	61.24	68.20	-6.96	3	Horizontal	343	1.33	-
5795MHz	Pass	AV	11.57544G	42.40	54.00	-11.60	3	Vertical	311	1.16	-
5795MHz	Pass	PK	11.58696G	54.42	74.00	-19.58	3	Vertical	311	1.16	-
5795MHz	Pass	PK	17.3862G	62.91	68.20	-5.29	3	Vertical	90	1.27	-
5795MHz	Pass	AV	11.58064G	42.38	54.00	-11.62	3	Horizontal	143	2.13	-
5795MHz	Pass	PK	11.58152G	53.84	74.00	-20.16	3	Horizontal	143	2.13	-
5795MHz	Pass	PK	17.37332G	63.04	68.20	-5.16	3	Horizontal	246	1.50	-
802.11ax HEW80_Nss1 (MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	53.62	54.00	-0.38	3	Vertical	109	1.64	-
5210MHz	Pass	AV	5.198G	98.05	Inf	-Inf	3	Vertical	109	1.64	-
5210MHz	Pass	AV	5.374G	48.64	54.00	-5.36	3	Vertical	109	1.64	-
5210MHz	Pass	PK	5.148G	63.57	74.00	-10.43	3	Vertical	109	1.64	-
5210MHz	Pass	PK	5.198G	110.07	Inf	-Inf	3	Vertical	109	1.64	-
5210MHz	Pass	PK	5.445G	59.49	74.00	-14.51	3	Vertical	109	1.64	-
5210MHz	Pass	AV	5.147G	52.39	54.00	-1.61	3	Horizontal	159	3.00	-
5210MHz	Pass	AV	5.222G	96.63	Inf	-Inf	3	Horizontal	159	3.00	-
5210MHz	Pass	AV	5.365G	48.37	54.00	-5.63	3	Horizontal	159	3.00	-
5210MHz	Pass	PK	5.144G	63.39	74.00	-10.61	3	Horizontal	159	3.00	-
5210MHz	Pass	PK	5.225G	106.88	Inf	-Inf	3	Horizontal	159	3.00	-
5210MHz	Pass	PK	5.374G	59.43	74.00	-14.57	3	Horizontal	159	3.00	-
5210MHz	Pass	AV	15.61336G	48.46	54.00	-5.54	3	Vertical	244	2.25	-
5210MHz	Pass	PK	10.43984G	54.12	68.20	-14.08	3	Vertical	209	2.76	-
5210MHz	Pass	PK	15.61616G	60.42	74.00	-13.58	3	Vertical	244	2.25	-
5210MHz	Pass	AV	15.61384G	48.59	54.00	-5.41	3	Horizontal	114	2.06	-
5210MHz	Pass	PK	10.41632G	53.49	68.20	-14.71	3	Horizontal	336	1.98	-
5210MHz	Pass	PK	15.62112G	61.06	74.00	-12.94	3	Horizontal	114	2.06	-
5775MHz	Pass	AV	5.7618G	102.77	Inf	-Inf	3	Vertical	22	2.14	-
5775MHz	Pass	PK	5.6478G	66.93	68.20	-1.27	3	Vertical	22	2.14	-
5775MHz	Pass	PK	5.757G	114.84	Inf	-Inf	3	Vertical	22	2.14	-
5775MHz	Pass	PK	5.9322G	65.29	68.20	-2.91	3	Vertical	22	2.14	-
5775MHz	Pass	AV	5.7618G	99.90	Inf	-Inf	3	Horizontal	344	1.40	-
5775MHz	Pass	PK	5.6502G	64.97	68.35	-3.38	3	Horizontal	344	1.40	-
5775MHz	Pass	PK	5.757G	110.23	Inf	-Inf	3	Horizontal	344	1.40	-
5775MHz	Pass	PK	5.9346G	61.10	68.20	-7.10	3	Horizontal	344	1.40	-
5775MHz	Pass	AV	11.56472G	42.69	54.00	-11.31	3	Vertical	76	1.81	-
5775MHz	Pass	PK	11.54392G	54.23	74.00	-19.77	3	Vertical	76	1.81	-
5775MHz	Pass	PK	17.34116G	62.19	68.20	-6.01	3	Vertical	44	1.51	-
5775MHz	Pass	AV	11.542G	42.74	54.00	-11.26	3	Horizontal	350	1.95	-
5775MHz	Pass	PK	11.53064G	54.43	74.00	-19.57	3	Horizontal	350	1.95	-
5775MHz	Pass	PK	17.31436G	62.31	68.20	-5.89	3	Horizontal	66	2.43	-



802.11ax HEW20\_Nss1,(MCS0)\_4TX

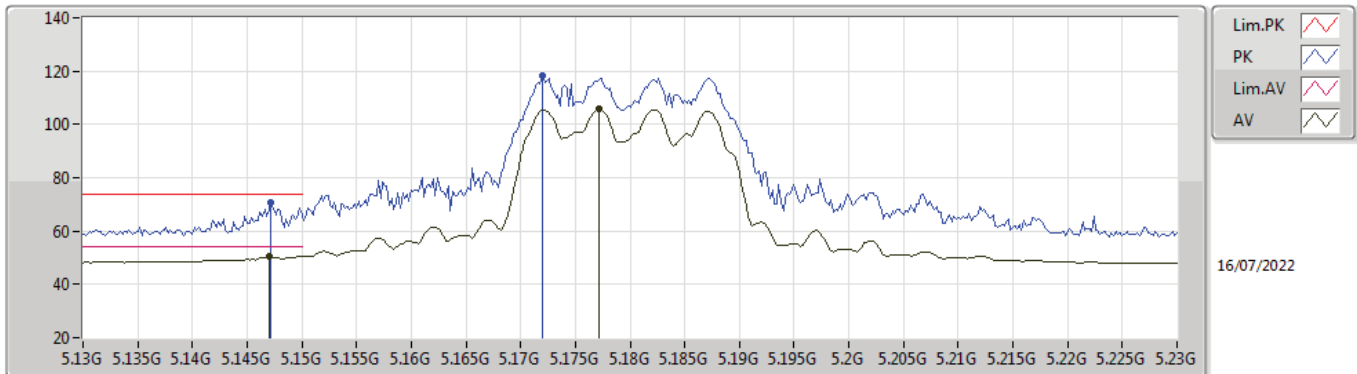
5180MHz\_TX



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	5.1486G	50.86	54.00	-3.14	8.90	3	Vertical	114	1.84	-	41.96	33.20	9.83	34.13
AV	5.173G	105.98	Inf	-Inf	8.87	3	Vertical	114	1.84	-	97.11	33.15	9.85	34.13
PK	5.148G	73.82	74.00	-0.18	8.90	3	Vertical	114	1.84	-	64.92	33.20	9.83	34.13
PK	5.1784G	119.93	Inf	-Inf	8.86	3	Vertical	114	1.84	-	111.07	33.14	9.85	34.13

802.11ax HEW20\_Nss1,(MCS0)\_4TX

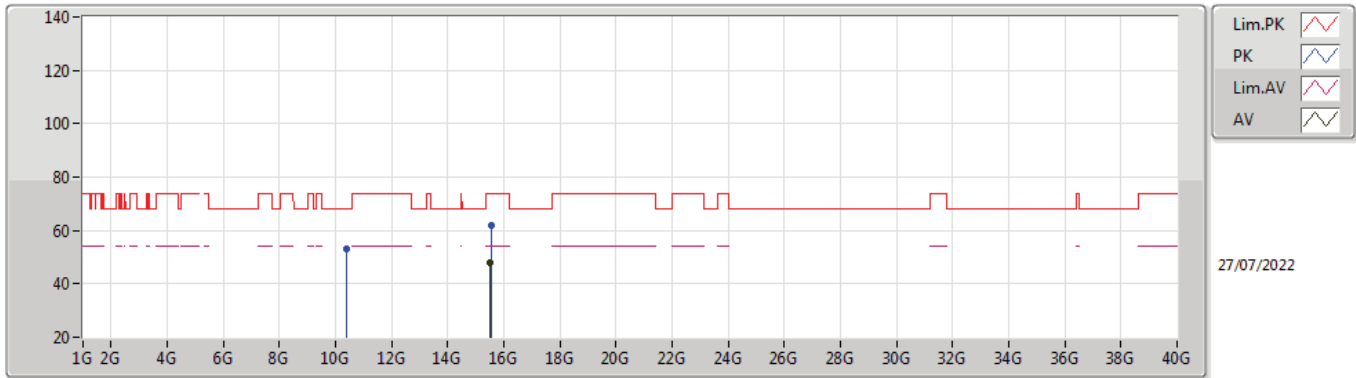
5180MHz\_TX



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	5.147G	50.49	54.00	-3.51	8.90	3	Horizontal	164	2.46	-	41.59	33.20	9.83	34.13
AV	5.1772G	105.66	Inf	-Inf	8.87	3	Horizontal	164	2.46	-	96.79	33.15	9.85	34.13
PK	5.1472G	70.73	74.00	-3.27	8.90	3	Horizontal	164	2.46	-	61.83	33.20	9.83	34.13
PK	5.172G	118.36	Inf	-Inf	8.87	3	Horizontal	164	2.46	-	109.49	33.16	9.84	34.13

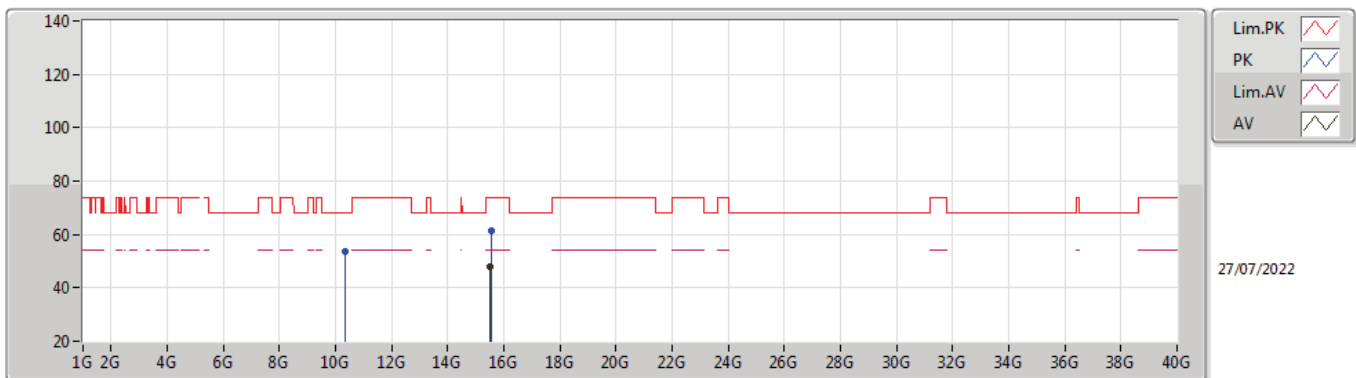


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5180MHz\_TX**



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	15.52728G	47.91	54.00	-6.09	19.94	3	Vertical	341	1.50	-	27.97	38.70	15.67	34.43
PK	10.37128G	53.29	68.20	-14.91	16.76	3	Vertical	149	1.26	-	36.53	38.67	12.67	34.58
PK	15.54216G	61.98	74.00	-12.02	19.95	3	Vertical	341	1.50	-	42.03	38.70	15.68	34.43

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5180MHz\_TX**

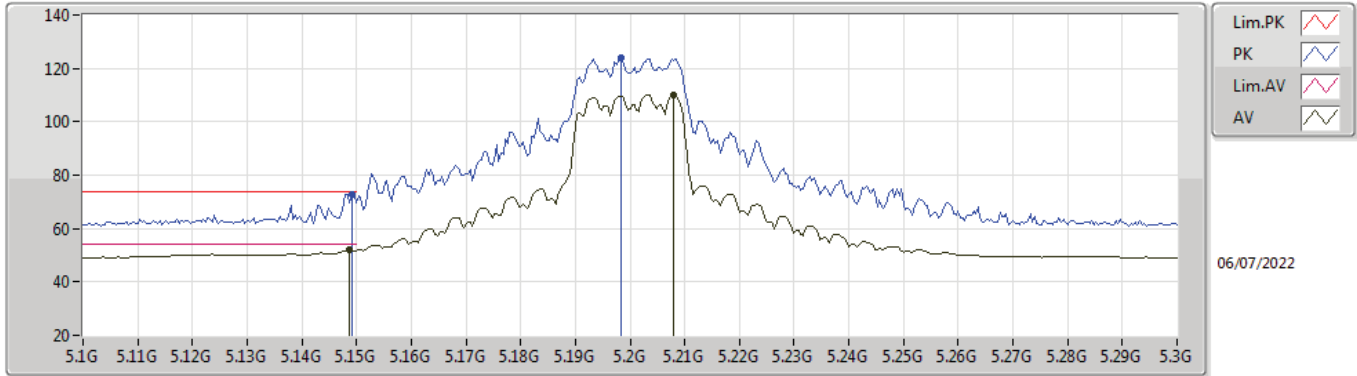


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53148G	47.94	54.00	-6.06	19.94	3	Horizontal	226	1.50	-	28.00	38.70	15.67	34.43
PK	10.36744G	53.83	68.20	-14.37	16.75	3	Horizontal	197	1.63	-	37.08	38.67	12.67	34.59
PK	15.5388G	61.32	74.00	-12.68	19.95	3	Horizontal	226	1.50	-	41.37	38.70	15.68	34.43



802.11ax HEW20\_Nss1,(MCS0)\_4TX

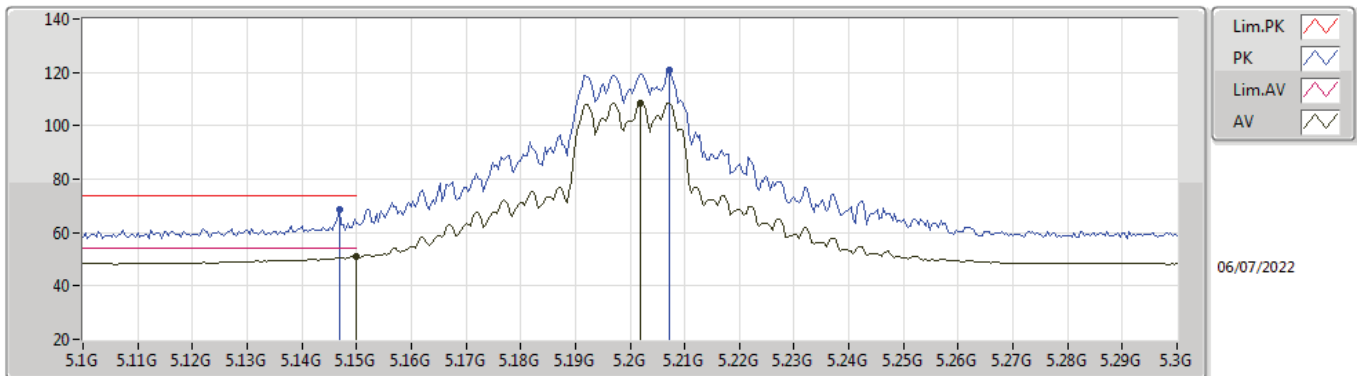
5200MHz\_TX



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	5.1488G	51.97	54.00	-2.03	8.90	3	Vertical	110	1.80	-	43.07	33.20	9.83	34.13
AV	5.208G	110.00	Inf	-Inf	8.80	3	Vertical	110	1.80	-	101.20	33.07	9.87	34.14
PK	5.1492G	72.72	74.00	-1.28	8.90	3	Vertical	110	1.80	-	63.82	33.20	9.83	34.13
PK	5.1984G	123.95	Inf	-Inf	8.82	3	Vertical	110	1.80	-	115.13	33.10	9.86	34.14

802.11ax HEW20\_Nss1,(MCS0)\_4TX

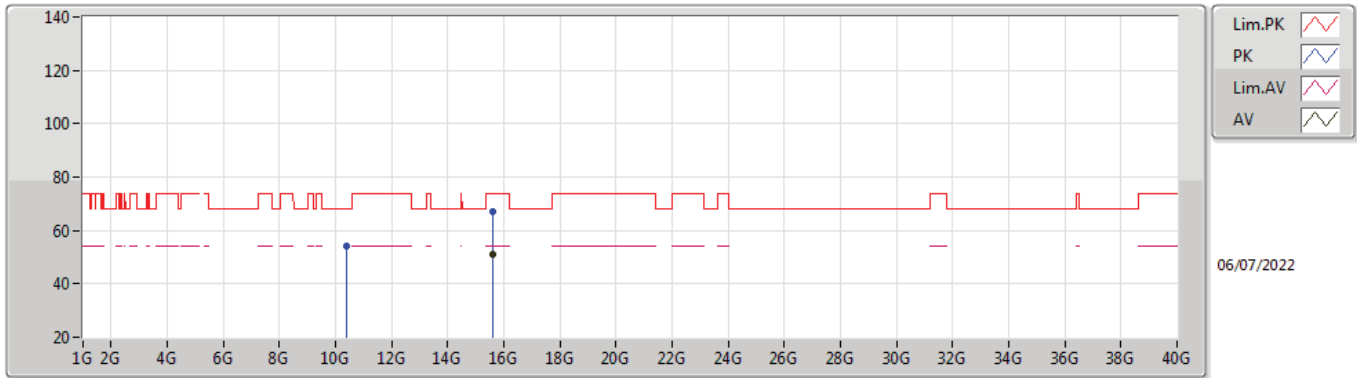
5200MHz\_TX



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	5.15G	50.85	54.00	-3.15	8.90	3	Horizontal	161	2.92	-	41.95	33.20	9.83	34.13
AV	5.202G	108.55	Inf	-Inf	8.81	3	Horizontal	161	2.92	-	99.74	33.09	9.86	34.14
PK	5.1468G	68.41	74.00	-5.59	8.90	3	Horizontal	161	2.92	-	59.51	33.20	9.83	34.13
PK	5.2072G	120.85	Inf	-Inf	8.80	3	Horizontal	161	2.92	-	112.05	33.07	9.87	34.14

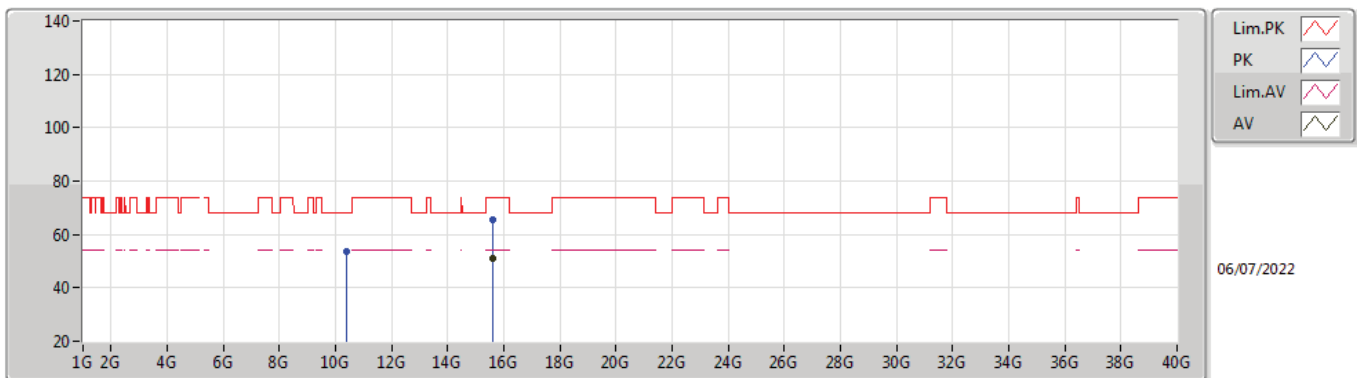


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5200MHz\_TX**



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	15.59668G	51.10	54.00	-2.90	19.96	3	Vertical	218	1.86	-	31.14	38.70	15.72	34.46
PK	10.40188G	53.88	68.20	-14.32	16.83	3	Vertical	127	2.05	-	37.05	38.70	12.69	34.56
PK	15.5918G	67.09	74.00	-6.91	19.96	3	Vertical	218	1.86	-	47.13	38.70	15.72	34.46

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5200MHz\_TX**

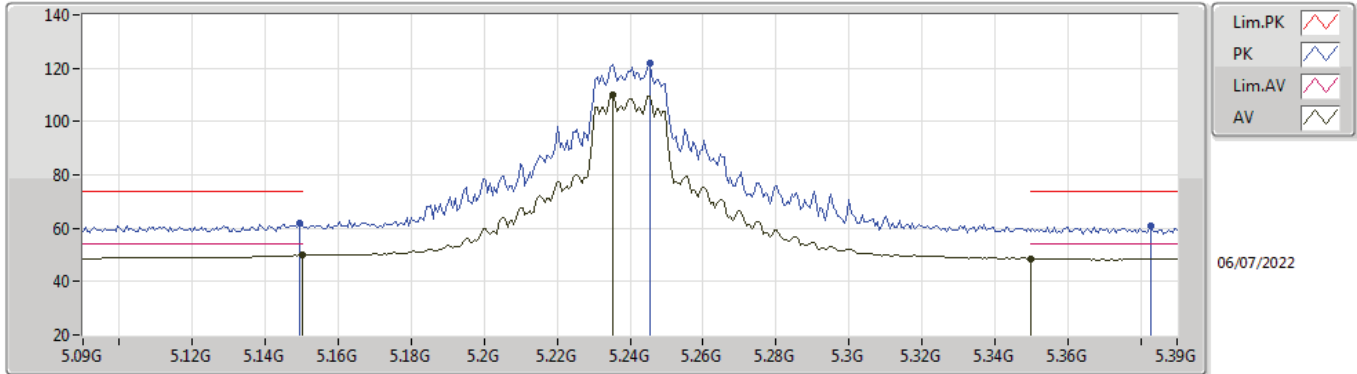


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60196G	50.97	54.00	-3.03	19.95	3	Horizontal	240	1.50	-	31.02	38.69	15.73	34.47
PK	10.39948G	53.72	68.20	-14.48	16.83	3	Horizontal	49	1.79	-	36.89	38.70	12.69	34.56
PK	15.59236G	65.30	74.00	-8.70	19.96	3	Horizontal	240	1.50	-	45.34	38.70	15.72	34.46



802.11ax HEW20\_Nss1,(MCS0)\_4TX

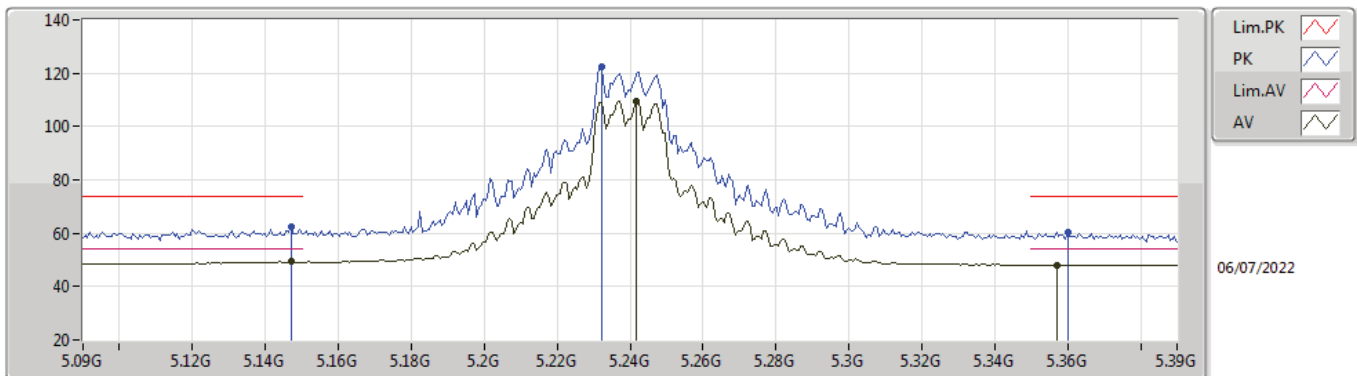
5240MHz\_TX



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	5.15G	49.84	54.00	-4.16	8.90	3	Vertical	137	1.64	-	40.94	33.20	9.83	34.13
AV	5.2352G	109.77	Inf	-Inf	8.70	3	Vertical	137	1.64	-	101.07	32.96	9.88	34.14
AV	5.35G	48.70	54.00	-5.30	8.51	3	Vertical	137	1.64	-	40.19	32.70	9.97	34.16
PK	5.1494G	61.66	74.00	-12.34	8.90	3	Vertical	137	1.64	-	52.76	33.20	9.83	34.13
PK	5.2454G	122.11	Inf	-Inf	8.67	3	Vertical	137	1.64	-	113.44	32.92	9.89	34.14
PK	5.3828G	60.85	74.00	-13.15	8.59	3	Vertical	137	1.64	-	52.26	32.77	9.99	34.17

802.11ax HEW20\_Nss1,(MCS0)\_4TX

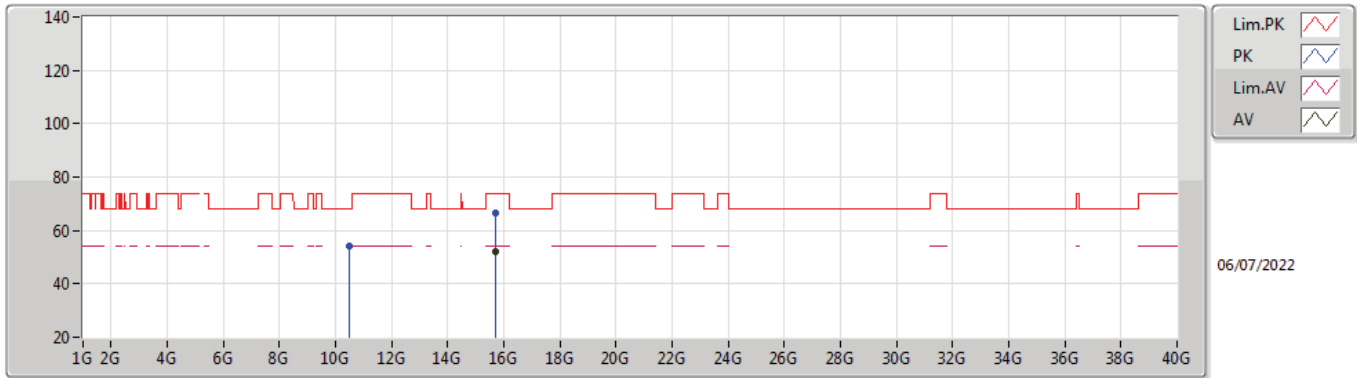
5240MHz\_TX



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	5.147G	49.26	54.00	-4.74	8.90	3	Horizontal	160	3.00	-	40.36	33.20	9.83	34.13
AV	5.2418G	109.68	Inf	-Inf	8.68	3	Horizontal	160	3.00	-	101.00	32.93	9.89	34.14
AV	5.357G	48.12	54.00	-5.88	8.52	3	Horizontal	160	3.00	-	39.60	32.71	9.97	34.16
PK	5.147G	62.22	74.00	-11.78	8.90	3	Horizontal	160	3.00	-	53.32	33.20	9.83	34.13
PK	5.2322G	122.59	Inf	-Inf	8.71	3	Horizontal	160	3.00	-	113.88	32.97	9.88	34.14
PK	5.36G	60.28	74.00	-13.72	8.53	3	Horizontal	160	3.00	-	51.75	32.72	9.97	34.16

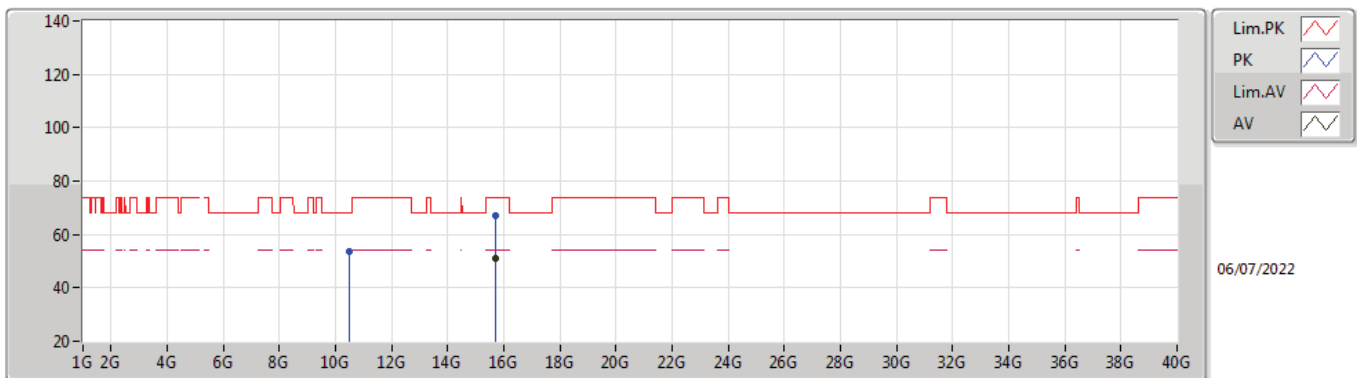


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**



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	15.71684G	52.10	54.00	-1.90	19.46	3	Vertical	219	1.79	-	32.64	38.18	15.81	34.53
PK	10.47116G	54.12	68.20	-14.08	16.83	3	Vertical	295	2.58	-	37.29	38.63	12.71	34.51
PK	15.71204G	66.77	74.00	-7.23	19.47	3	Vertical	219	1.79	-	47.30	38.19	15.81	34.53

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**

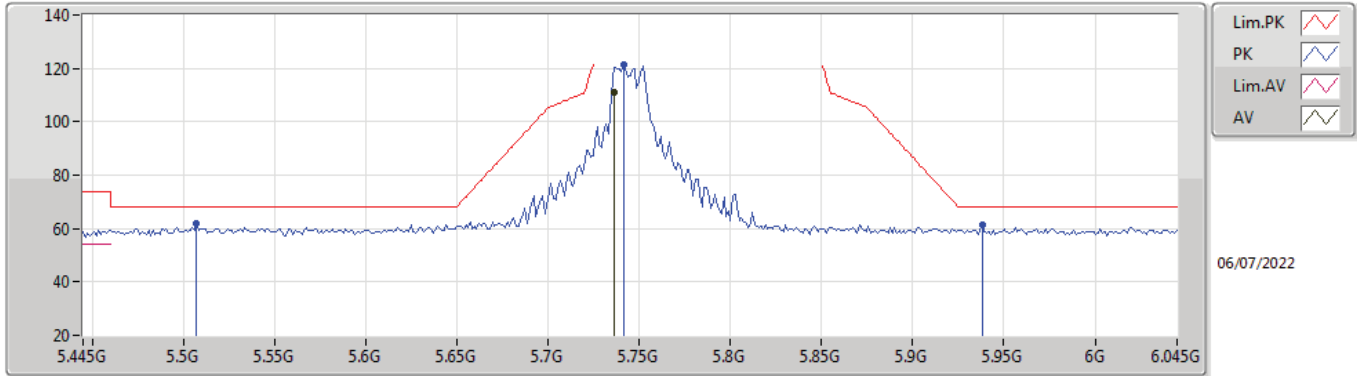


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71708G	51.23	54.00	-2.77	19.46	3	Horizontal	238	1.39	-	31.77	38.18	15.81	34.53
PK	10.48596G	53.75	68.20	-14.45	16.83	3	Horizontal	319	1.85	-	36.92	38.61	12.72	34.50
PK	15.71236G	66.92	74.00	-7.08	19.47	3	Horizontal	238	1.39	-	47.45	38.19	15.81	34.53



802.11ax HEW20\_Nss1,(MCS0)\_4TX

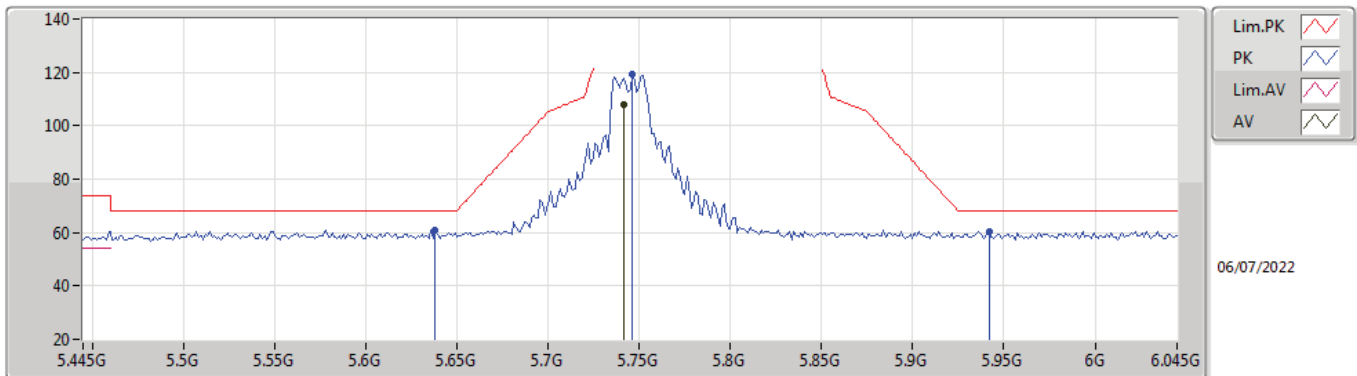
5745MHz\_TX



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	5.7366G	111.08	Inf	-Inf	9.57	3	Vertical	20	2.35	-	101.51	33.62	10.15	34.20
PK	5.5074G	62.12	68.20	-6.08	8.82	3	Vertical	20	2.35	-	53.30	32.97	10.04	34.19
PK	5.7414G	121.37	Inf	-Inf	9.60	3	Vertical	20	2.35	-	111.77	33.65	10.15	34.20
PK	5.9382G	61.29	68.20	-6.91	10.31	3	Vertical	20	2.35	-	50.98	34.25	10.28	34.22

802.11ax HEW20\_Nss1,(MCS0)\_4TX

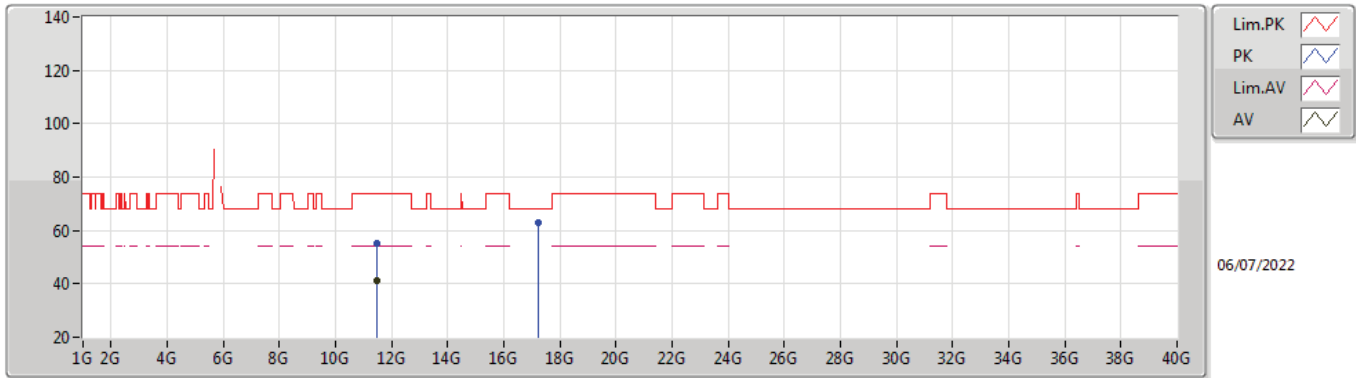
5745MHz\_TX



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	5.7414G	108.10	Inf	-Inf	9.60	3	Horizontal	340	1.56	-	98.50	33.65	10.15	34.20
PK	5.6382G	60.71	68.20	-7.49	9.14	3	Horizontal	340	1.56	-	51.57	33.25	10.09	34.20
PK	5.7462G	119.22	Inf	-Inf	9.63	3	Horizontal	340	1.56	-	109.59	33.68	10.15	34.20
PK	5.9418G	60.40	68.20	-7.80	10.34	3	Horizontal	340	1.56	-	50.06	34.27	10.29	34.22

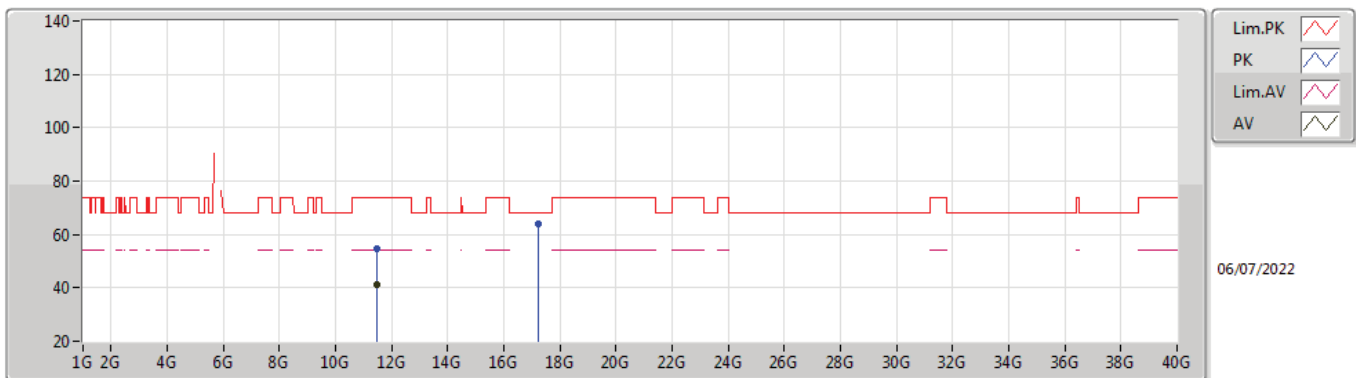


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5745MHz\_TX**



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	11.49264G	41.32	54.00	-12.68	17.96	3	Vertical	118	2.76	-	23.36	38.91	13.11	34.06
PK	11.4876G	55.01	74.00	-18.99	17.97	3	Vertical	118	2.76	-	37.04	38.92	13.11	34.06
PK	17.22684G	62.86	68.20	-5.34	21.43	3	Vertical	11	1.70	-	41.43	38.48	16.22	33.27

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5745MHz\_TX**

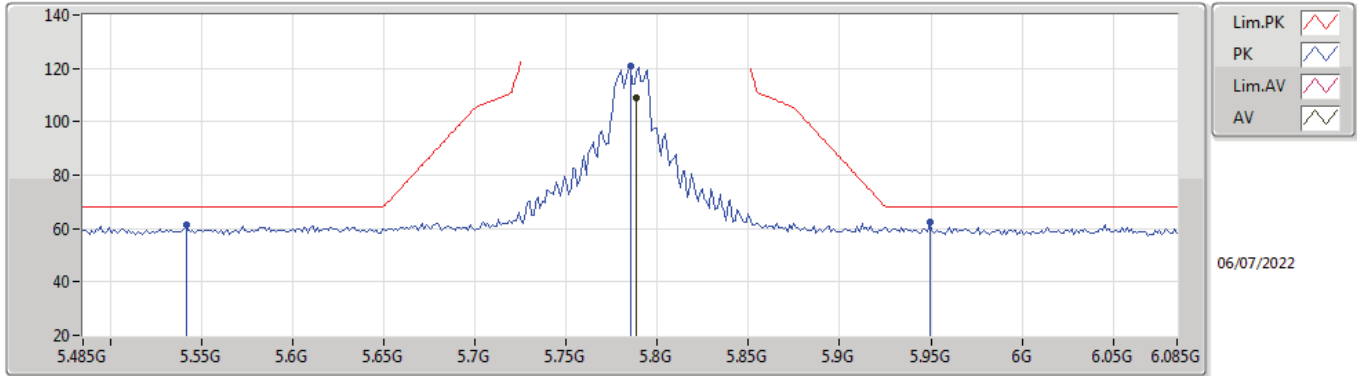


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49136G	41.40	54.00	-12.60	17.97	3	Horizontal	2	1.96	-	23.43	38.92	13.11	34.06
PK	11.4878G	54.73	74.00	-19.27	17.97	3	Horizontal	2	1.96	-	36.76	38.92	13.11	34.06
PK	17.22756G	63.83	68.20	-4.37	21.43	3	Horizontal	113	1.50	-	42.40	38.48	16.22	33.27



802.11ax HEW20\_Nss1,(MCS0)\_4TX

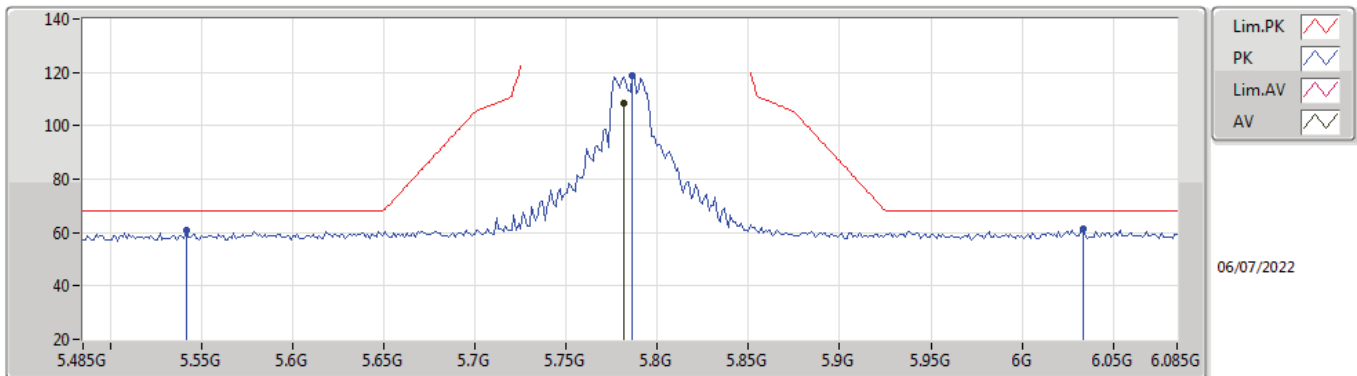
5785MHz\_TX



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	109.14	Inf	-Inf	9.74	3	Vertical	138	1.50	-	99.40	33.78	10.17	34.21
PK	5.5414G	61.61	68.20	-6.59	8.69	3	Vertical	138	1.50	-	52.92	32.83	10.05	34.19
PK	5.785G	121.10	Inf	-Inf	9.73	3	Vertical	138	1.50	-	111.37	33.77	10.17	34.21
PK	5.9494G	62.62	68.20	-5.58	10.37	3	Vertical	138	1.50	-	52.25	34.30	10.29	34.22

802.11ax HEW20\_Nss1,(MCS0)\_4TX

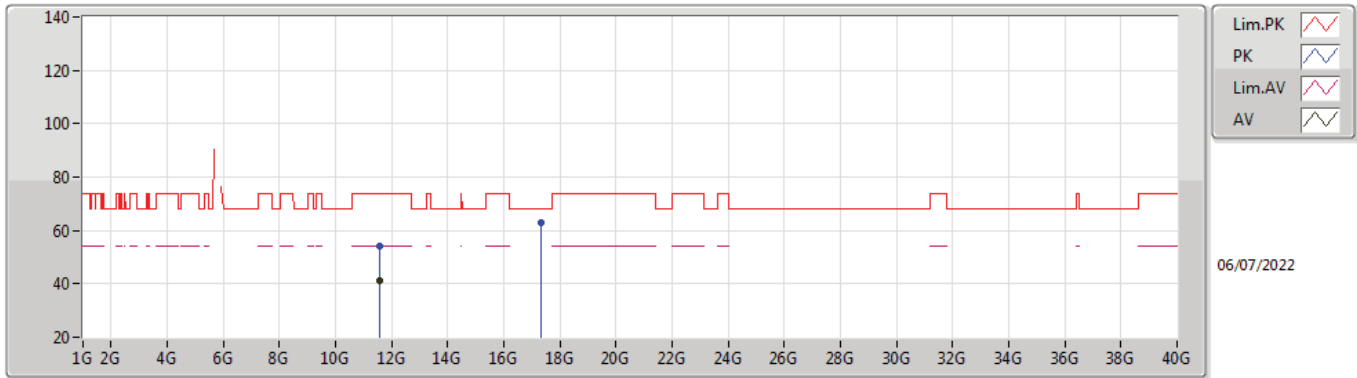
5785MHz\_TX



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	5.7814G	108.37	Inf	-Inf	9.72	3	Horizontal	339	1.33	-	98.65	33.76	10.17	34.21
PK	5.5414G	60.65	68.20	-7.55	8.69	3	Horizontal	339	1.33	-	51.96	32.83	10.05	34.19
PK	5.7862G	118.94	Inf	-Inf	9.73	3	Horizontal	339	1.33	-	109.21	33.77	10.17	34.21
PK	6.0334G	61.28	68.20	-6.92	10.27	3	Horizontal	339	1.33	-	51.01	34.13	10.36	34.22

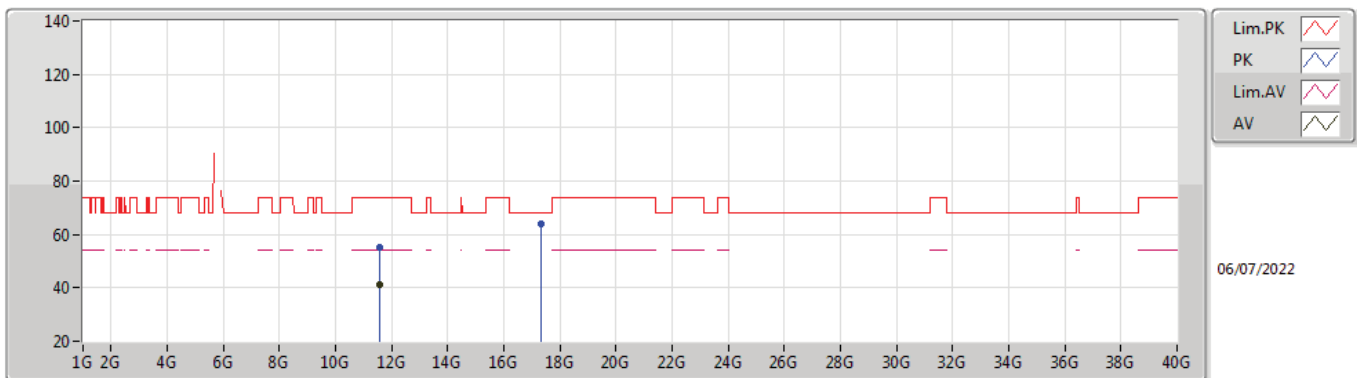


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5785MHz\_TX**



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	11.56268G	41.16	54.00	-12.84	17.82	3	Vertical	352	2.34	-	23.34	38.77	13.14	34.09
PK	11.56188G	53.96	74.00	-20.04	17.83	3	Vertical	352	2.34	-	36.13	38.78	13.14	34.09
PK	17.34888G	62.71	68.20	-5.49	21.85	3	Vertical	192	2.29	-	40.86	38.85	16.24	33.24

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5785MHz\_TX**

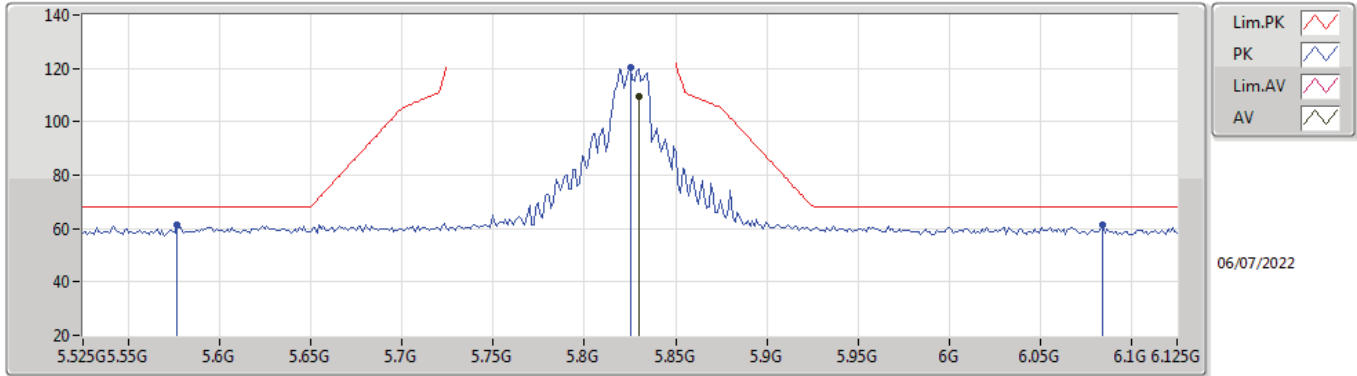


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56768G	41.27	54.00	-12.73	17.80	3	Horizontal	192	2.48	-	23.47	38.76	13.14	34.10
PK	11.56788G	55.25	74.00	-18.75	17.80	3	Horizontal	192	2.48	-	37.45	38.76	13.14	34.10
PK	17.35024G	63.78	68.20	-4.42	21.85	3	Horizontal	239	1.50	-	41.93	38.85	16.24	33.24



802.11ax HEW20\_Nss1,(MCS0)\_4TX

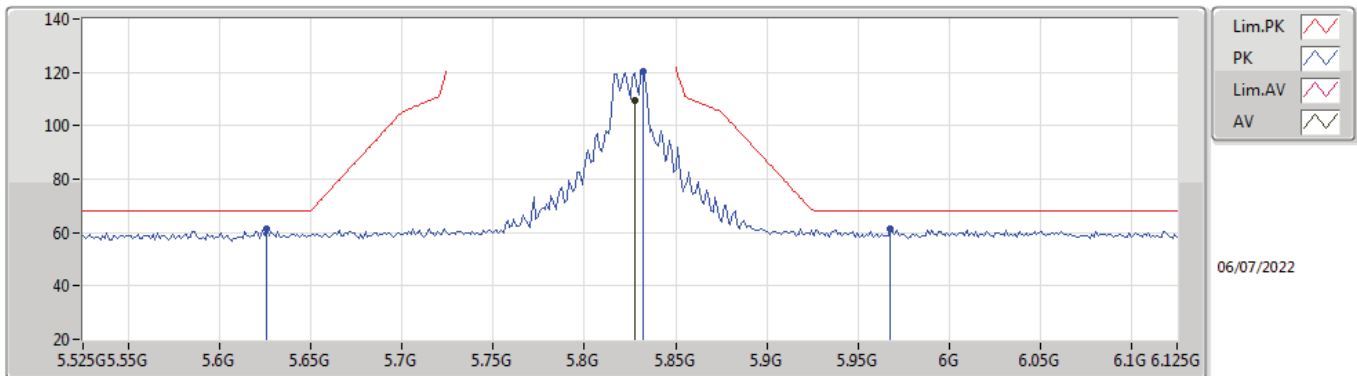
5825MHz\_TX



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	5.8298G	109.38	Inf	-Inf	9.97	3	Vertical	135	1.79	-	99.41	33.98	10.20	34.21
PK	5.5766G	61.18	68.20	-7.02	8.83	3	Vertical	135	1.79	-	52.35	32.96	10.06	34.19
PK	5.825G	120.18	Inf	-Inf	9.94	3	Vertical	135	1.79	-	110.24	33.95	10.20	34.21
PK	6.0842G	61.28	68.20	-6.92	10.31	3	Vertical	135	1.79	-	50.97	34.13	10.41	34.23

802.11ax HEW20\_Nss1,(MCS0)\_4TX

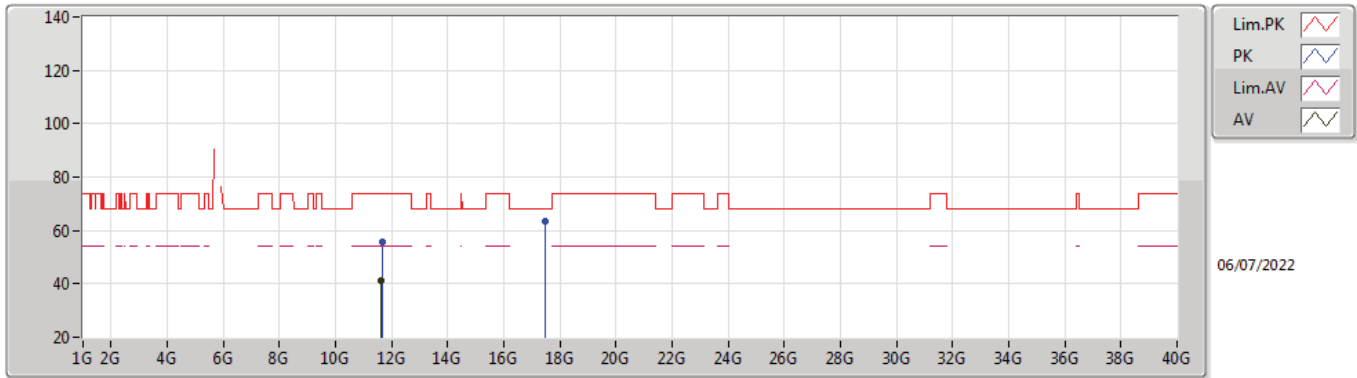
5825MHz\_TX



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	5.8274G	109.47	Inf	-Inf	9.95	3	Horizontal	147	2.92	-	99.52	33.96	10.20	34.21
PK	5.6258G	61.58	68.20	-6.62	9.08	3	Horizontal	147	2.92	-	52.50	33.20	10.08	34.20
PK	5.8322G	120.30	Inf	-Inf	9.98	3	Horizontal	147	2.92	-	110.32	33.99	10.20	34.21
PK	5.9678G	61.14	68.20	-7.06	10.28	3	Horizontal	147	2.92	-	50.86	34.19	10.31	34.22

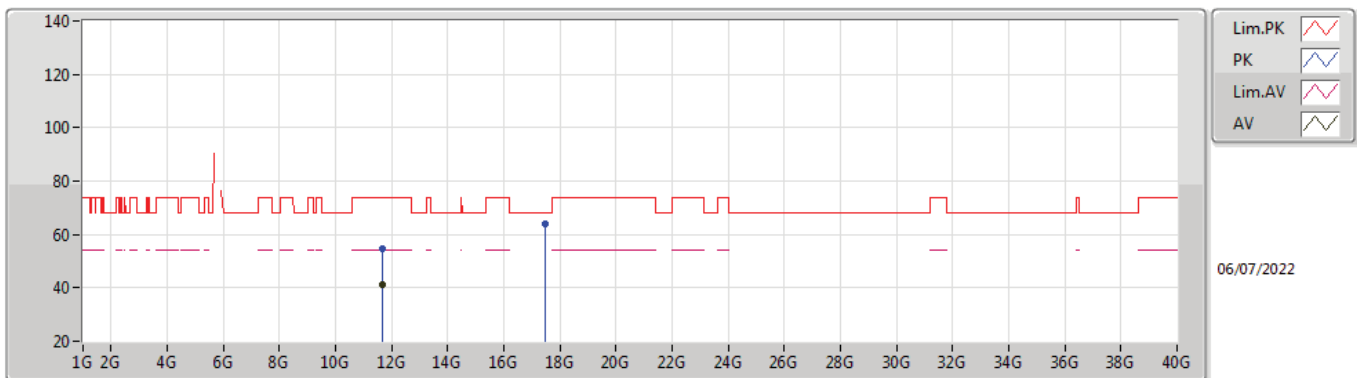


**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5825MHz\_TX**



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	11.64192G	41.07	54.00	-12.93	17.69	3	Vertical	234	1.50	-	23.38	38.66	13.17	34.14
PK	11.65016G	55.87	74.00	-18.13	17.68	3	Vertical	234	1.50	-	38.19	38.65	13.17	34.14
PK	17.4742G	63.59	68.20	-4.61	22.20	3	Vertical	169	1.50	-	41.39	39.15	16.26	33.21

**802.11ax HEW20\_Nss1,(MCS0)\_4TX  
5825MHz\_TX**



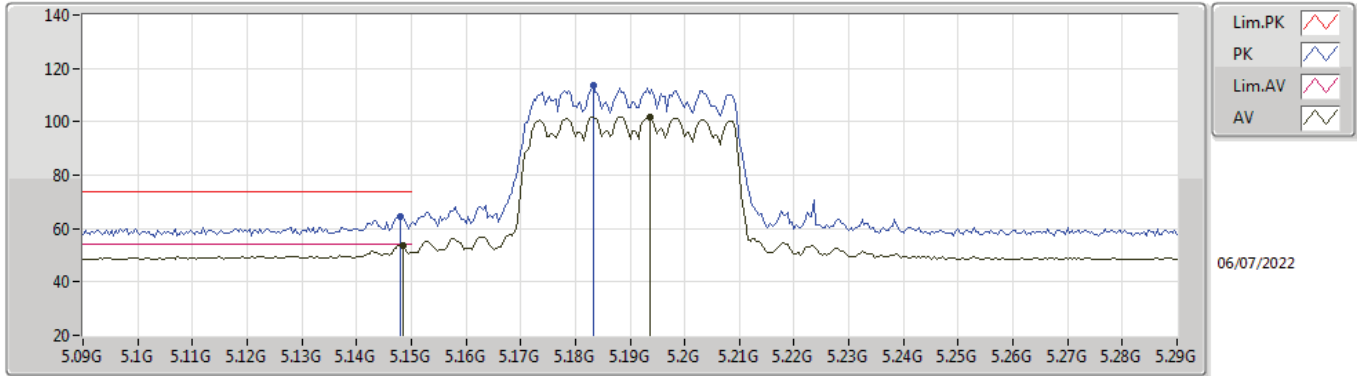
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65484G	41.09	54.00	-12.91	17.69	3	Horizontal	229	1.42	-	23.40	38.65	13.18	34.14
PK	11.64964G	54.58	74.00	-19.42	17.68	3	Horizontal	229	1.42	-	36.90	38.65	13.17	34.14
PK	17.47776G	64.19	68.20	-4.01	22.21	3	Horizontal	48	1.38	-	41.98	39.16	16.26	33.21





802.11ax HEW40\_Nss1,(MCS0)\_4TX

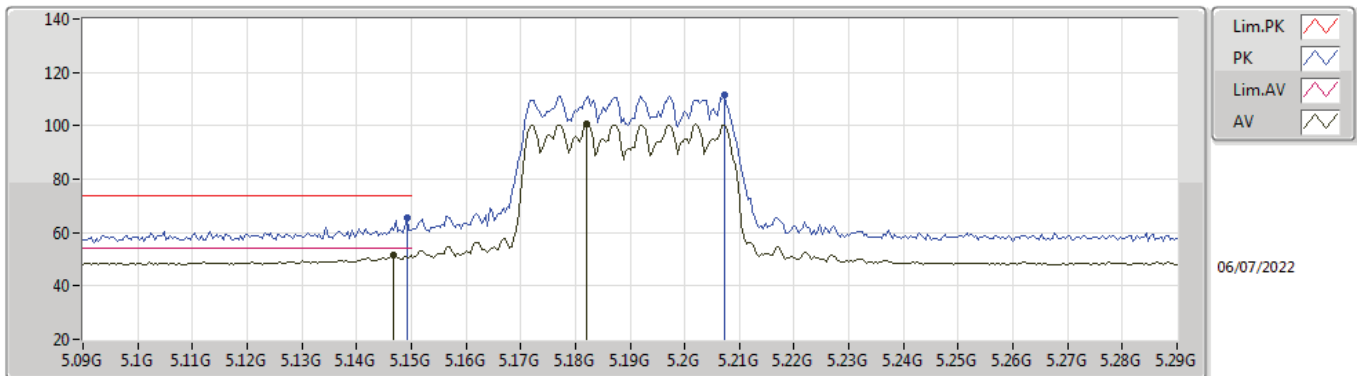
5190MHz\_TX



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	53.49	54.00	-0.51	8.90	3	Vertical	108	1.66	-	44.59	33.20	9.83	34.13
AV	5.1936G	101.97	Inf	-Inf	8.84	3	Vertical	108	1.66	-	93.13	33.11	9.86	34.13
PK	5.148G	64.68	74.00	-9.32	8.90	3	Vertical	108	1.66	-	55.78	33.20	9.83	34.13
PK	5.1832G	113.73	Inf	-Inf	8.85	3	Vertical	108	1.66	-	104.88	33.13	9.85	34.13

802.11ax HEW40\_Nss1,(MCS0)\_4TX

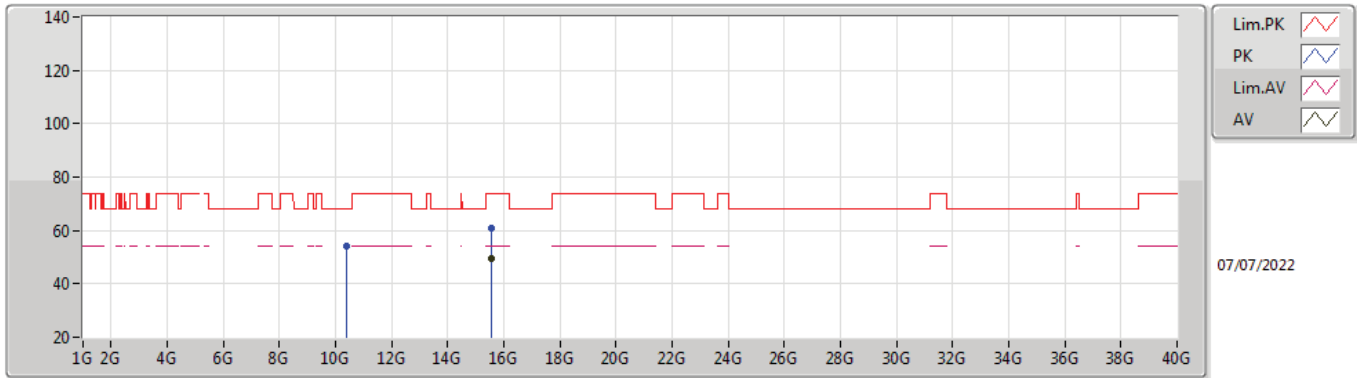
5190MHz\_TX



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	5.1468G	51.76	54.00	-2.24	8.90	3	Horizontal	162	2.92	-	42.86	33.20	9.83	34.13
AV	5.182G	100.66	Inf	-Inf	8.86	3	Horizontal	162	2.92	-	91.80	33.14	9.85	34.13
PK	5.1492G	65.36	74.00	-8.64	8.90	3	Horizontal	162	2.92	-	56.46	33.20	9.83	34.13
PK	5.2072G	111.53	Inf	-Inf	8.80	3	Horizontal	162	2.92	-	102.73	33.07	9.87	34.14

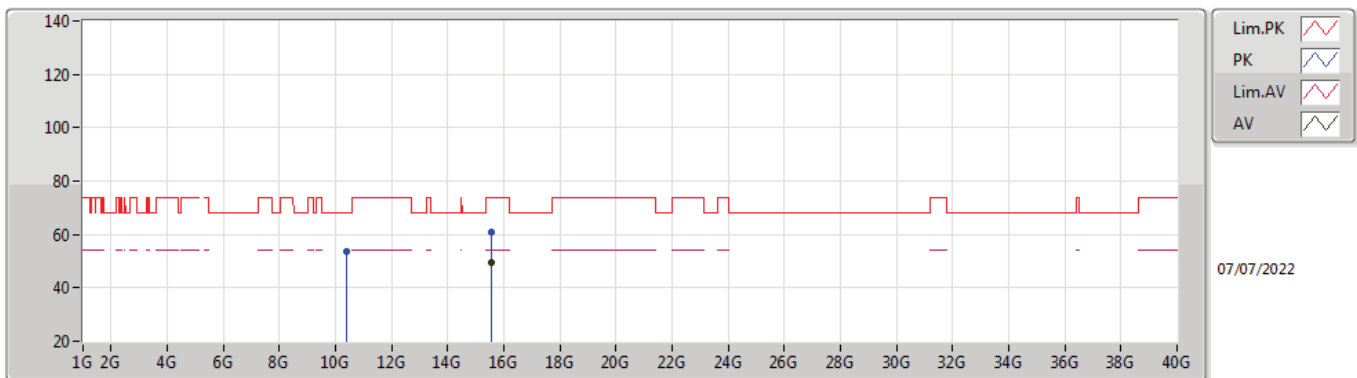


**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5190MHz\_TX**



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	15.55328G	49.63	54.00	-4.37	19.95	3	Vertical	41	1.65	-	29.68	38.70	15.69	34.44
PK	10.38416G	54.20	68.20	-14.00	16.79	3	Vertical	223	1.26	-	37.41	38.68	12.68	34.57
PK	15.57592G	61.10	74.00	-12.90	19.96	3	Vertical	41	1.65	-	41.14	38.70	15.71	34.45

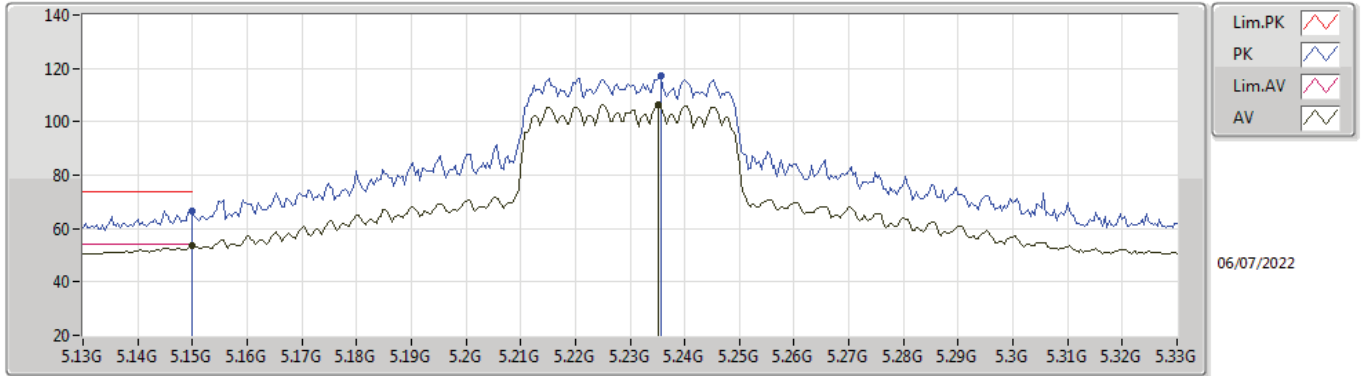
**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5190MHz\_TX**



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	15.55984G	49.30	54.00	-4.70	19.95	3	Horizontal	21	1.65	-	29.35	38.70	15.69	34.44
PK	10.39496G	53.46	68.20	-14.74	16.80	3	Horizontal	165	1.35	-	36.66	38.69	12.68	34.57
PK	15.55808G	60.92	74.00	-13.08	19.95	3	Horizontal	21	1.65	-	40.97	38.70	15.69	34.44

802.11ax HEW40\_Nss1,(MCS0)\_4TX

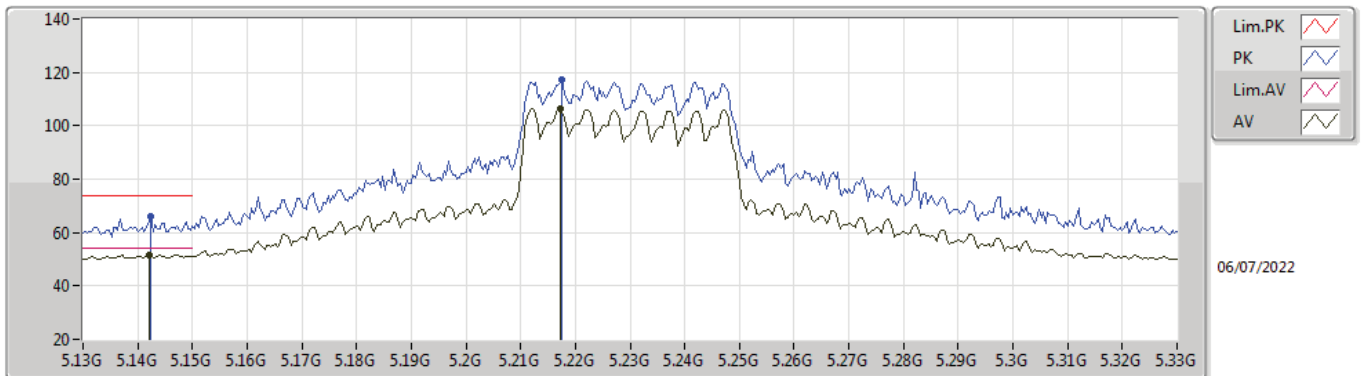
5230MHz\_TX



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	5.15G	53.74	54.00	-0.26	8.90	3	Vertical	138	1.66	-	44.84	33.20	9.83	34.13
AV	5.2352G	106.41	Inf	-Inf	8.70	3	Vertical	138	1.66	-	97.71	32.96	9.88	34.14
PK	5.15G	66.67	74.00	-7.33	8.90	3	Vertical	138	1.66	-	57.77	33.20	9.83	34.13
PK	5.2356G	117.21	Inf	-Inf	8.70	3	Vertical	138	1.66	-	108.51	32.96	9.88	34.14

802.11ax HEW40\_Nss1,(MCS0)\_4TX

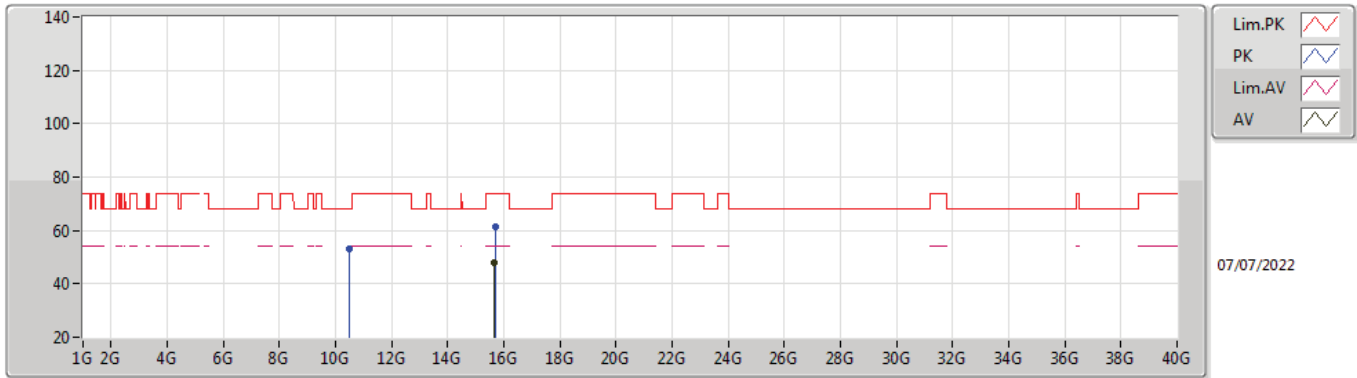
5230MHz\_TX



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	5.142G	51.71	54.00	-2.29	8.90	3	Horizontal	160	2.88	-	42.81	33.20	9.83	34.13
AV	5.2172G	106.44	Inf	-Inf	8.76	3	Horizontal	160	2.88	-	97.68	33.03	9.87	34.14
PK	5.1424G	65.85	74.00	-8.15	8.90	3	Horizontal	160	2.88	-	56.95	33.20	9.83	34.13
PK	5.2176G	117.44	Inf	-Inf	8.76	3	Horizontal	160	2.88	-	108.68	33.03	9.87	34.14

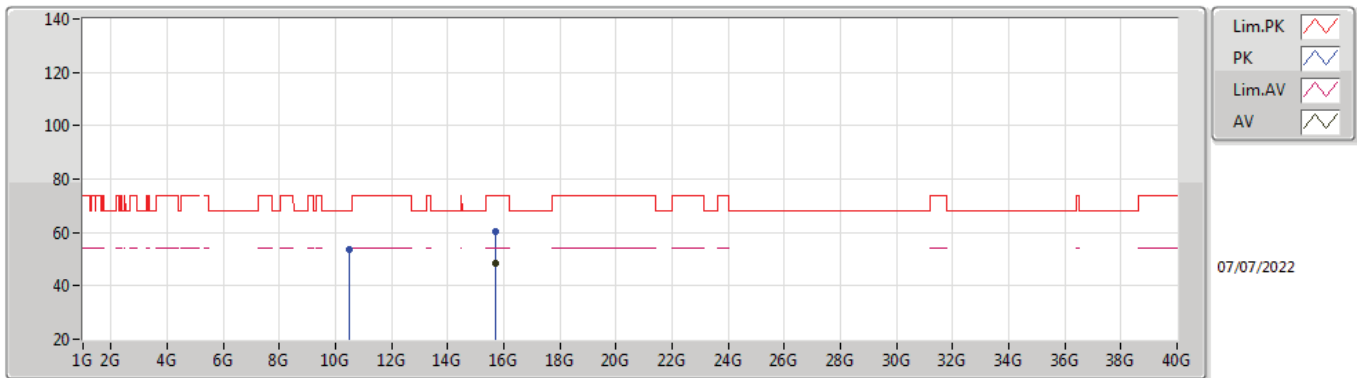


**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5230MHz\_TX**



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	15.67632G	48.17	54.00	-5.83	19.59	3	Vertical	195	2.50	-	28.58	38.32	15.78	34.51
PK	10.4692G	53.29	68.20	-14.91	16.83	3	Vertical	227	2.41	-	36.46	38.63	12.71	34.51
PK	15.69872G	61.29	74.00	-12.71	19.49	3	Vertical	195	2.50	-	41.80	38.21	15.80	34.52

**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5230MHz\_TX**

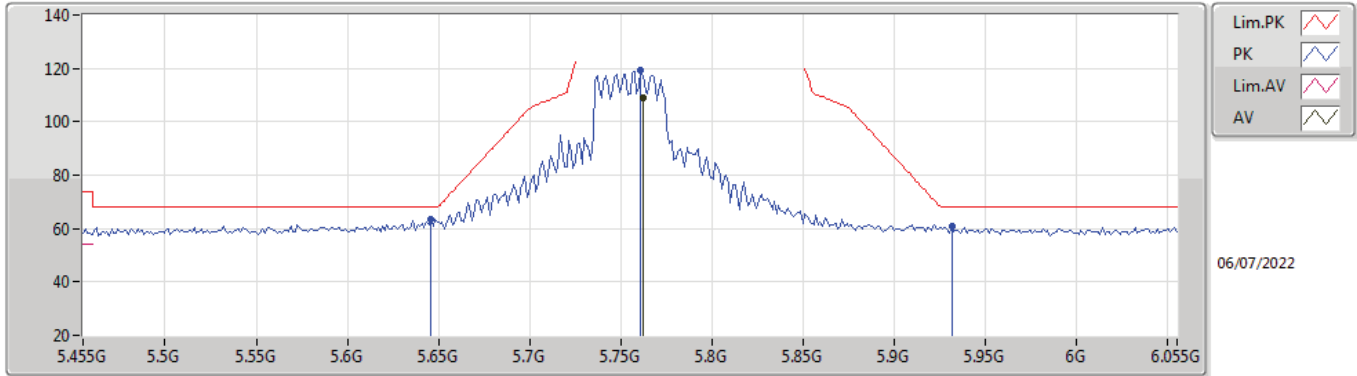


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.68808G	48.24	54.00	-5.76	19.53	3	Horizontal	19	1.92	-	28.71	38.26	15.79	34.52
PK	10.46912G	53.60	68.20	-14.60	16.83	3	Horizontal	44	2.08	-	36.77	38.63	12.71	34.51
PK	15.6916G	60.15	74.00	-13.85	19.51	3	Horizontal	19	1.92	-	40.64	38.24	15.79	34.52



802.11ax HEW40\_Nss1,(MCS0)\_4TX

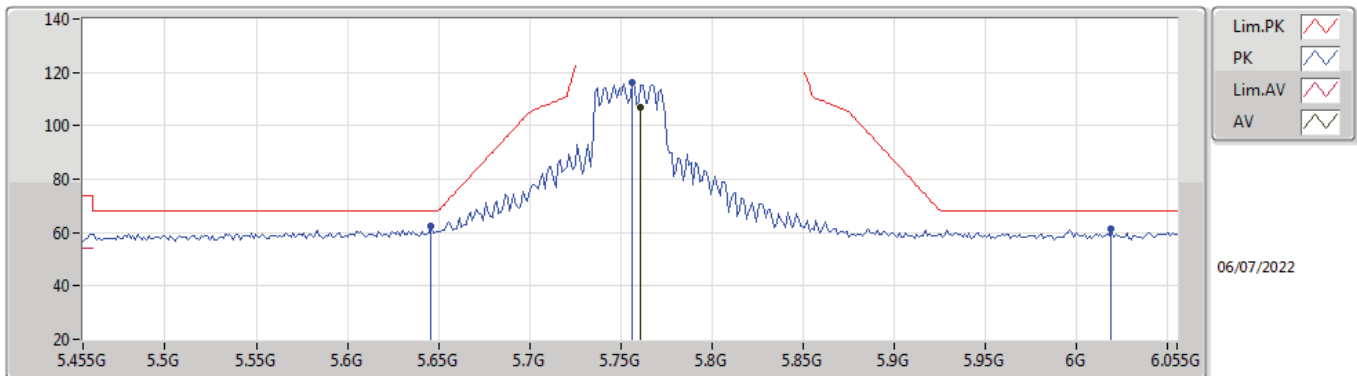
5755MHz\_TX



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	5.7622G	108.71	Inf	-Inf	9.67	3	Vertical	22	2.14	-	99.04	33.72	10.16	34.21
PK	5.6458G	63.49	68.20	-4.71	9.18	3	Vertical	22	2.14	-	54.31	33.28	10.10	34.20
PK	5.761G	119.15	Inf	-Inf	9.67	3	Vertical	22	2.14	-	109.48	33.72	10.16	34.21
PK	5.9314G	60.88	68.20	-7.32	10.29	3	Vertical	22	2.14	-	50.59	34.23	10.28	34.22

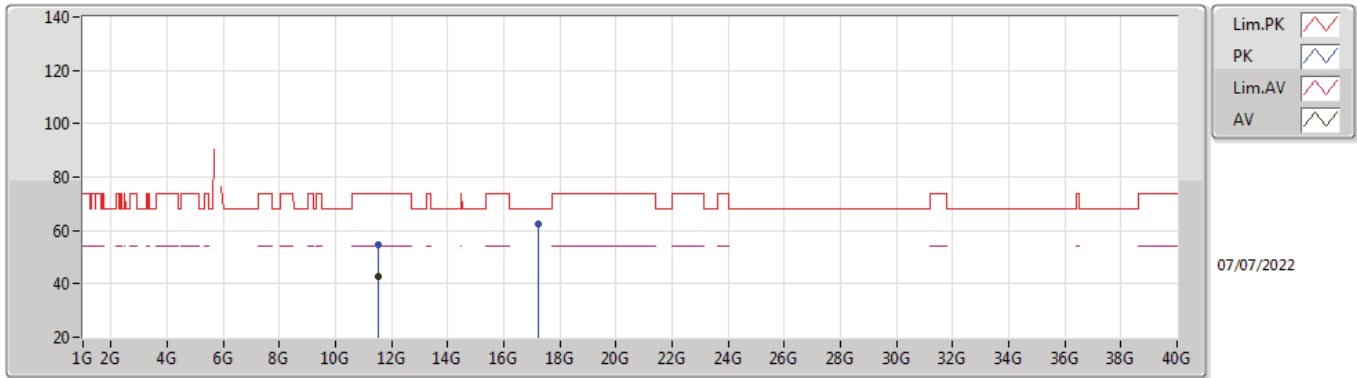
802.11ax HEW40\_Nss1,(MCS0)\_4TX

5755MHz\_TX



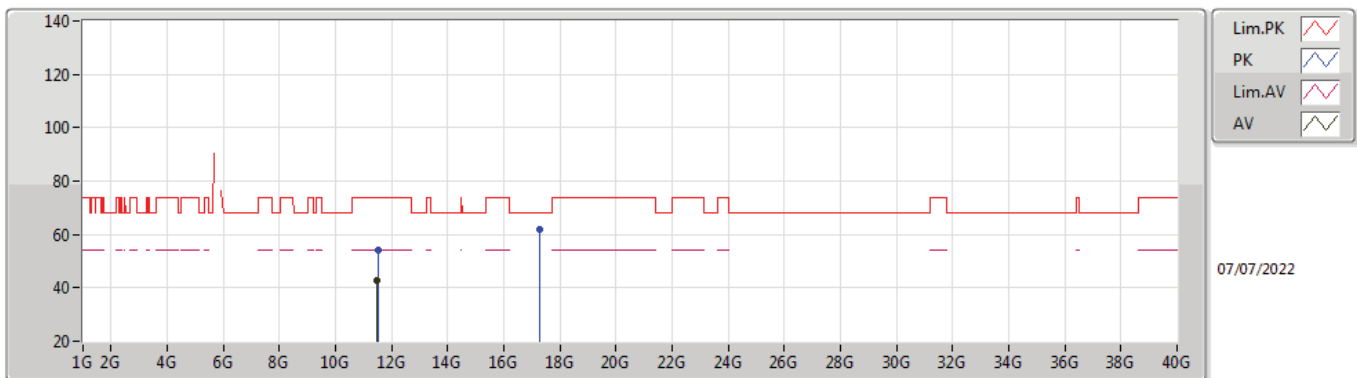
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.761G	106.97	Inf	-Inf	9.67	3	Horizontal	344	1.50	-	97.30	33.72	10.16	34.21
PK	5.6458G	62.46	68.20	-5.74	9.18	3	Horizontal	344	1.50	-	53.28	33.28	10.10	34.20
PK	5.7562G	116.29	Inf	-Inf	9.66	3	Horizontal	344	1.50	-	106.63	33.71	10.16	34.21
PK	6.019G	61.48	68.20	-6.72	10.21	3	Horizontal	344	1.50	-	51.27	34.08	10.35	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	11.51152G	42.72	54.00	-11.28	17.93	3	Vertical	276	1.43	-	24.79	38.88	13.12	34.07
PK	11.51488G	54.71	74.00	-19.29	17.92	3	Vertical	276	1.43	-	36.79	38.87	13.12	34.07
PK	17.24812G	62.41	68.20	-5.79	21.49	3	Vertical	318	1.72	-	40.92	38.54	16.22	33.27

**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5755MHz\_TX**

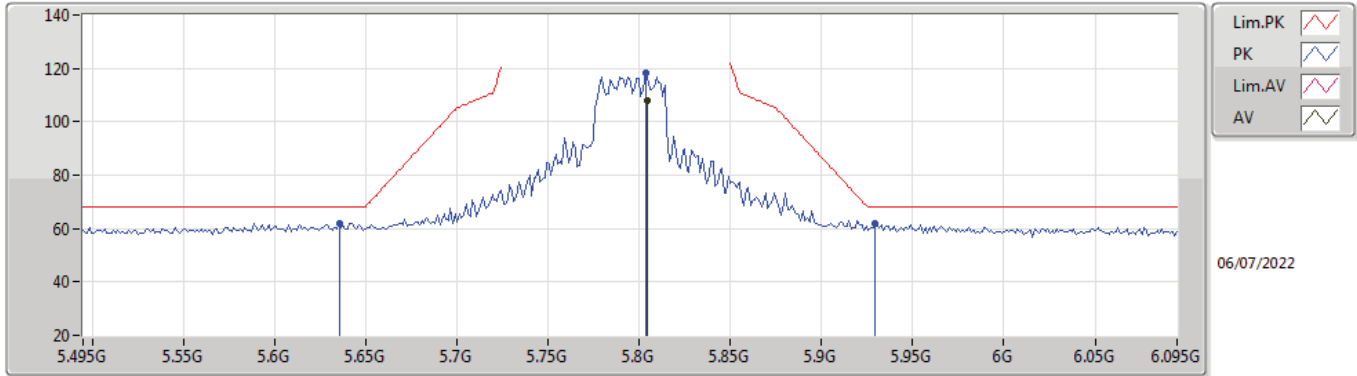


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49768G	42.65	54.00	-11.35	17.95	3	Horizontal	4	2.17	-	24.70	38.90	13.11	34.06
PK	11.52704G	54.22	74.00	-19.78	17.91	3	Horizontal	4	2.17	-	36.31	38.85	13.13	34.07
PK	17.2714G	62.15	68.20	-6.05	21.57	3	Horizontal	246	1.91	-	40.58	38.61	16.22	33.26



802.11ax HEW40\_Nss1,(MCS0)\_4TX

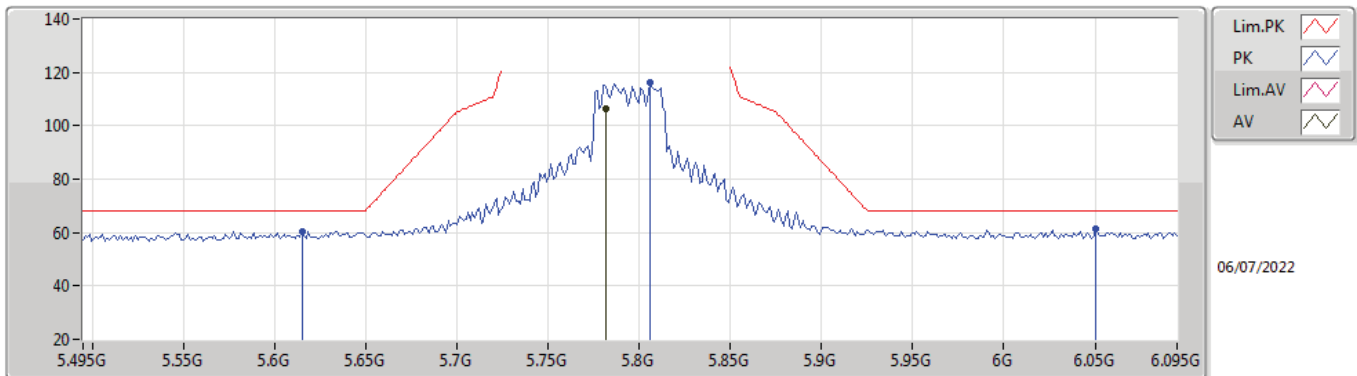
5795MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8046G	107.88	Inf	-Inf	9.80	3	Vertical	137	1.74	-	98.08	33.83	10.18	34.21
PK	5.6354G	62.05	68.20	-6.15	9.13	3	Vertical	137	1.74	-	52.92	33.24	10.09	34.20
PK	5.8034G	118.19	Inf	-Inf	9.79	3	Vertical	137	1.74	-	108.40	33.82	10.18	34.21
PK	5.9294G	61.76	68.20	-6.44	10.28	3	Vertical	137	1.74	-	51.48	34.22	10.28	34.22

802.11ax HEW40\_Nss1,(MCS0)\_4TX

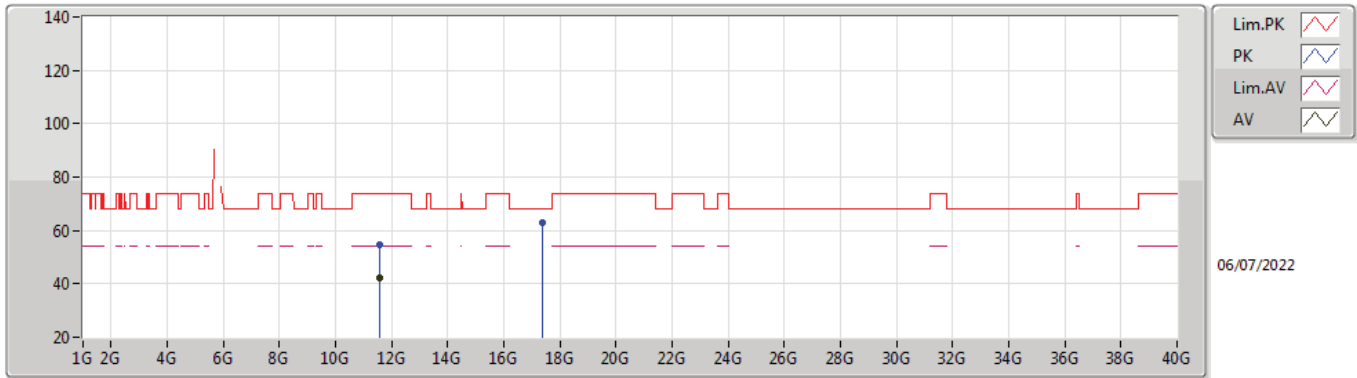
5795MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7818G	106.13	Inf	-Inf	9.72	3	Horizontal	343	1.33	-	96.41	33.76	10.17	34.21
PK	5.615G	60.54	68.20	-7.66	9.04	3	Horizontal	343	1.33	-	51.50	33.16	10.08	34.20
PK	5.8058G	116.27	Inf	-Inf	9.80	3	Horizontal	343	1.33	-	106.47	33.83	10.18	34.21
PK	6.0506G	61.24	68.20	-6.96	10.36	3	Horizontal	343	1.33	-	50.88	34.20	10.38	34.22

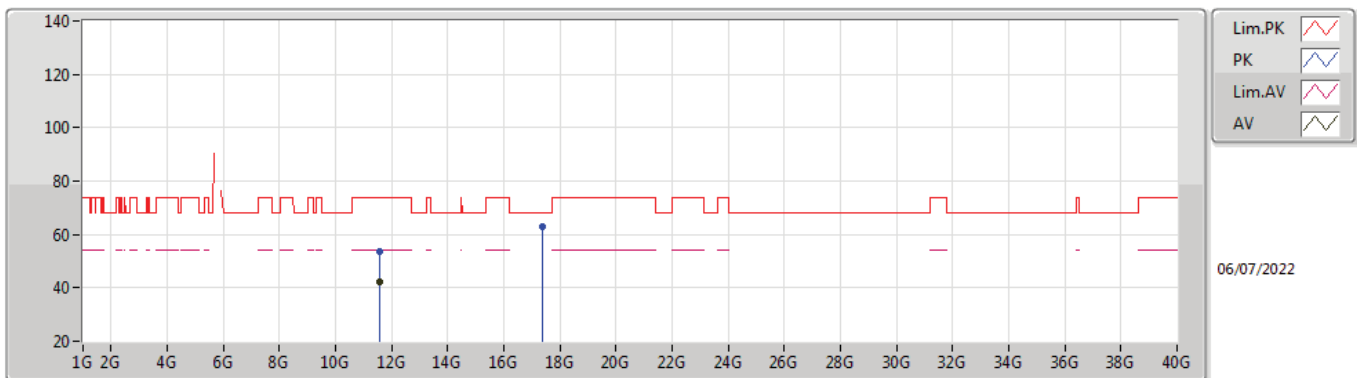


**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5795MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57544G	42.40	54.00	-11.60	17.79	3	Vertical	311	1.16	-	24.61	38.75	13.14	34.10
PK	11.58696G	54.42	74.00	-19.58	17.77	3	Vertical	311	1.16	-	36.65	38.73	13.15	34.11
PK	17.38626G	62.91	68.20	-5.29	21.97	3	Vertical	90	1.27	-	40.94	38.96	16.24	33.23

**802.11ax HEW40\_Nss1,(MCS0)\_4TX  
5795MHz\_TX**



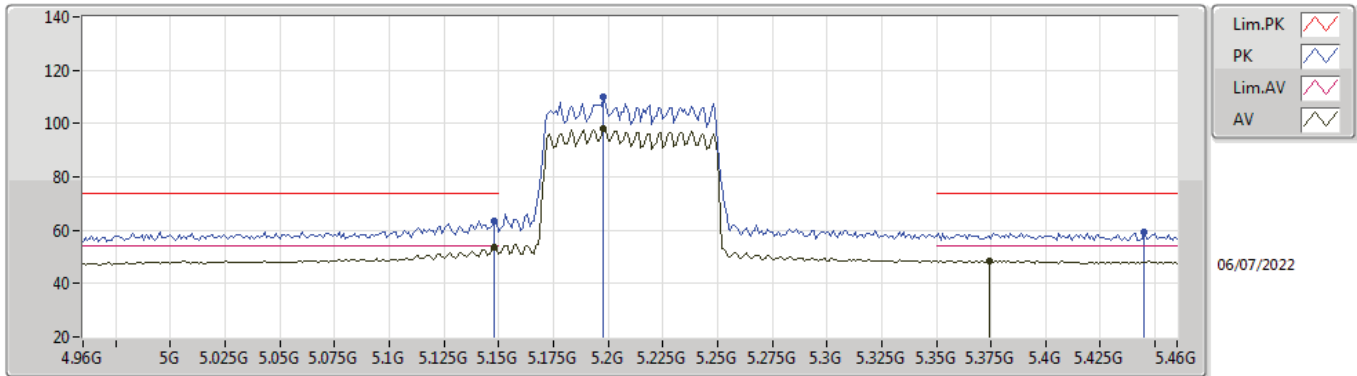
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.58064G	42.38	54.00	-11.62	17.79	3	Horizontal	143	2.13	-	24.59	38.74	13.15	34.10
PK	11.58152G	53.84	74.00	-20.16	17.79	3	Horizontal	143	2.13	-	36.05	38.74	13.15	34.10
PK	17.37332G	63.04	68.20	-5.16	21.93	3	Horizontal	246	1.50	-	41.11	38.92	16.24	33.23





802.11ax HEW80\_Nss1,(MCS0)\_4TX

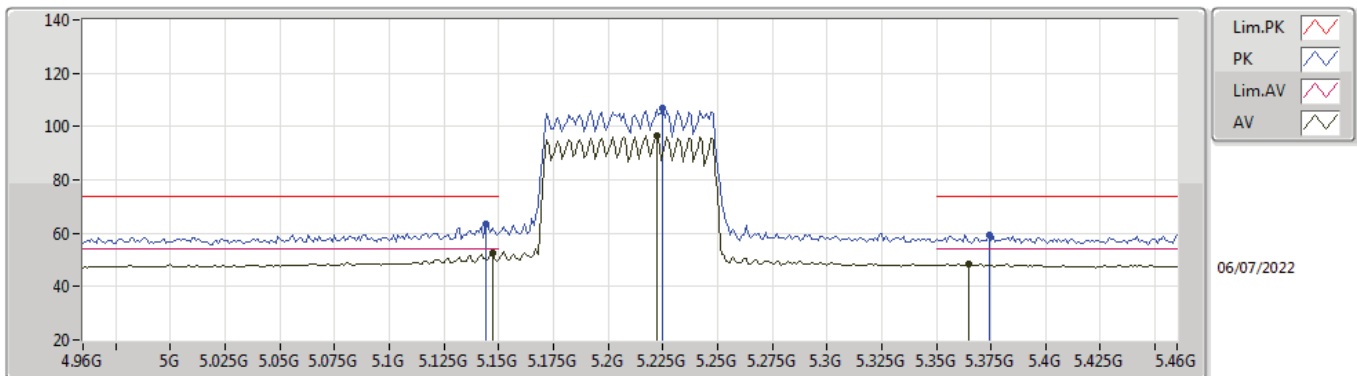
5210MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.148G	53.62	54.00	-0.38	8.90	3	Vertical	109	1.64	-	44.72	33.20	9.83	34.13
AV	5.198G	98.05	Inf	-Inf	8.82	3	Vertical	109	1.64	-	89.23	33.10	9.86	34.14
AV	5.374G	48.64	54.00	-5.36	8.56	3	Vertical	109	1.64	-	40.08	32.75	9.98	34.17
PK	5.148G	63.57	74.00	-10.43	8.90	3	Vertical	109	1.64	-	54.67	33.20	9.83	34.13
PK	5.198G	110.07	Inf	-Inf	8.82	3	Vertical	109	1.64	-	101.25	33.10	9.86	34.14
PK	5.445G	59.49	74.00	-14.51	8.73	3	Vertical	109	1.64	-	50.76	32.89	10.02	34.18

802.11ax HEW80\_Nss1,(MCS0)\_4TX

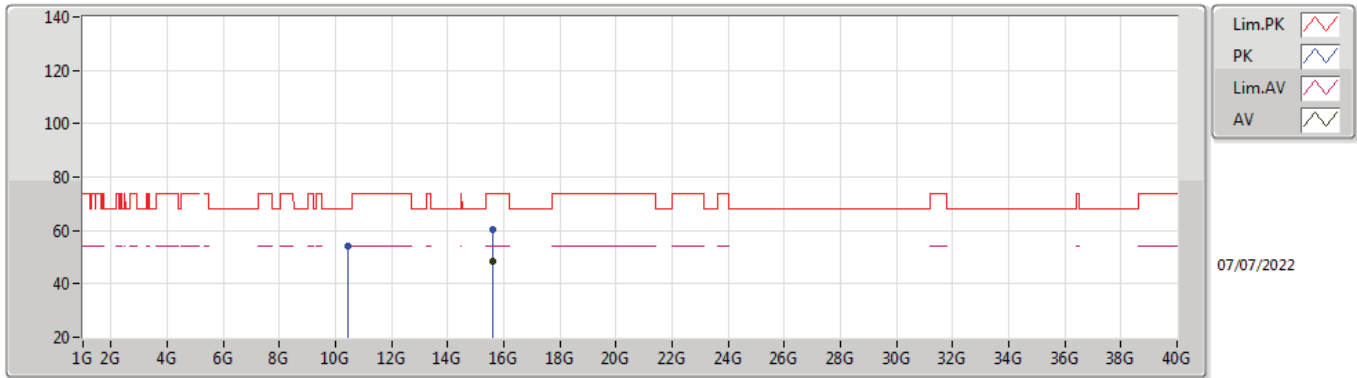
5210MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.147G	52.39	54.00	-1.61	8.90	3	Horizontal	159	3.00	-	43.49	33.20	9.83	34.13
AV	5.222G	96.63	Inf	-Inf	8.75	3	Horizontal	159	3.00	-	87.88	33.01	9.88	34.14
AV	5.365G	48.37	54.00	-5.63	8.54	3	Horizontal	159	3.00	-	39.83	32.73	9.98	34.17
PK	5.144G	63.39	74.00	-10.61	8.90	3	Horizontal	159	3.00	-	54.49	33.20	9.83	34.13
PK	5.225G	106.88	Inf	-Inf	8.74	3	Horizontal	159	3.00	-	98.14	33.00	9.88	34.14
PK	5.374G	59.43	74.00	-14.57	8.56	3	Horizontal	159	3.00	-	50.87	32.75	9.98	34.17

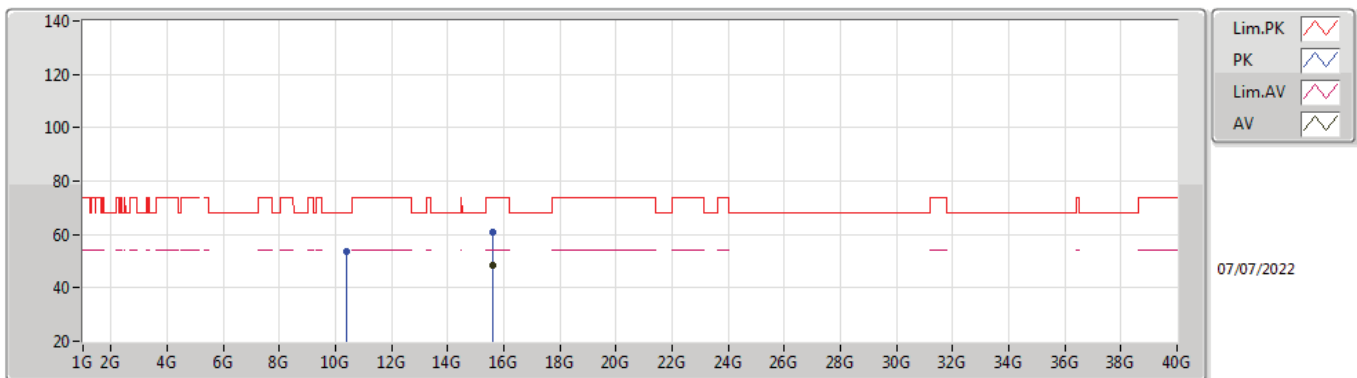


**802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5210MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61336G	48.46	54.00	-5.54	19.89	3	Vertical	244	2.25	-	28.57	38.63	15.73	34.47
PK	10.43984G	54.12	68.20	-14.08	16.83	3	Vertical	209	2.76	-	37.29	38.66	12.70	34.53
PK	15.61616G	60.42	74.00	-13.58	19.88	3	Vertical	244	2.25	-	40.54	38.62	15.74	34.48

**802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5210MHz\_TX**

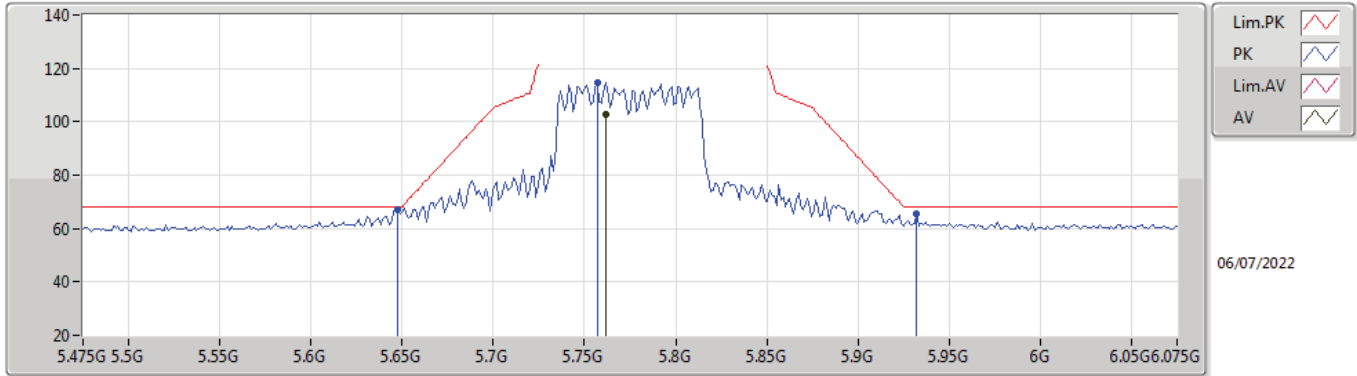


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.61384G	48.59	54.00	-5.41	19.89	3	Horizontal	114	2.06	-	28.70	38.63	15.73	34.47
PK	10.41632G	53.49	68.20	-14.71	16.82	3	Horizontal	336	1.98	-	36.67	38.68	12.69	34.55
PK	15.62112G	61.06	74.00	-12.94	19.85	3	Horizontal	114	2.06	-	41.21	38.59	15.74	34.48



802.11ax HEW80\_Nss1,(MCS0)\_4TX

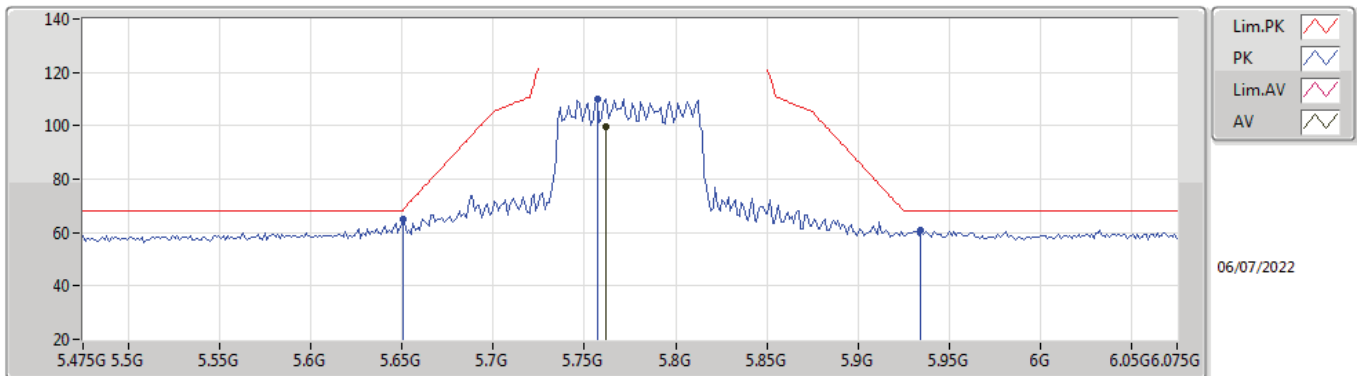
5775MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7618G	102.77	Inf	-Inf	9.67	3	Vertical	22	2.14	-	93.10	33.72	10.16	34.21
PK	5.6478G	66.93	68.20	-1.27	9.19	3	Vertical	22	2.14	-	57.74	33.29	10.10	34.20
PK	5.757G	114.84	Inf	-Inf	9.66	3	Vertical	22	2.14	-	105.18	33.71	10.16	34.21
PK	5.9322G	65.29	68.20	-2.91	10.29	3	Vertical	22	2.14	-	55.00	34.23	10.28	34.22

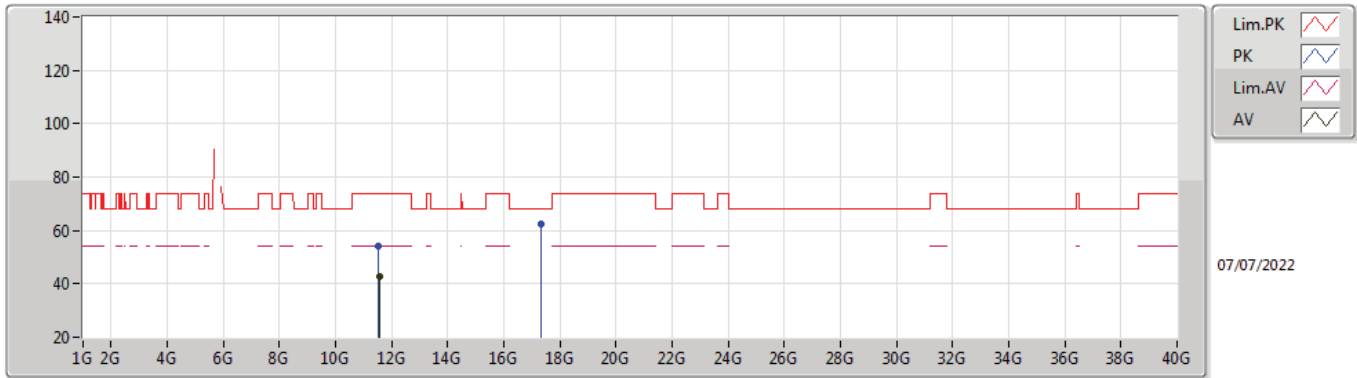
802.11ax HEW80\_Nss1,(MCS0)\_4TX

5775MHz\_TX



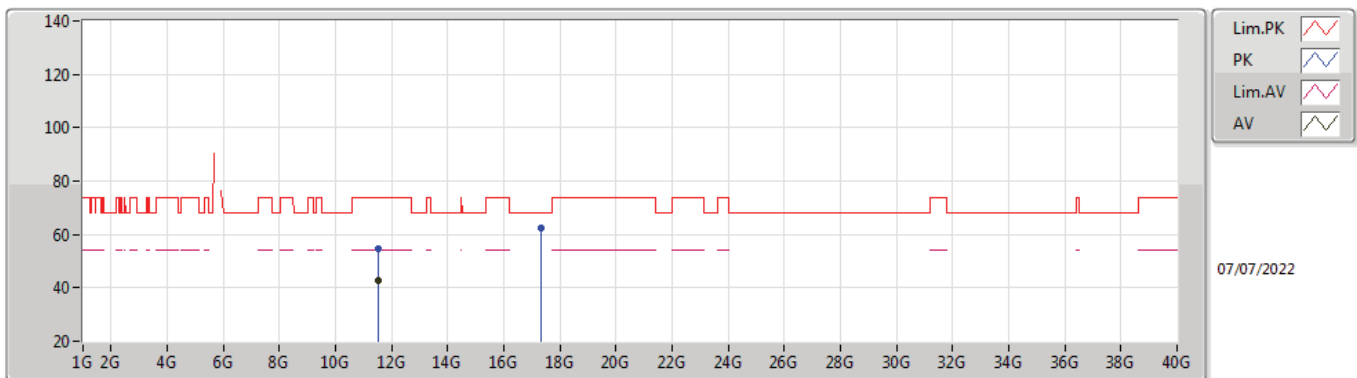
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7618G	99.90	Inf	-Inf	9.67	3	Horizontal	344	1.40	-	90.23	33.72	10.16	34.21
PK	5.6502G	64.97	68.35	-3.38	9.20	3	Horizontal	344	1.40	-	55.77	33.30	10.10	34.20
PK	5.757G	110.23	Inf	-Inf	9.66	3	Horizontal	344	1.40	-	100.57	33.71	10.16	34.21
PK	5.9346G	61.10	68.20	-7.10	10.30	3	Horizontal	344	1.40	-	50.80	34.24	10.28	34.22

**802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5775MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56472G	42.69	54.00	-11.31	17.82	3	Vertical	76	1.81	-	24.87	38.77	13.14	34.09
PK	11.54392G	54.23	74.00	-19.77	17.86	3	Vertical	76	1.81	-	36.37	38.81	13.13	34.08
PK	17.34116G	62.19	68.20	-6.01	21.81	3	Vertical	44	1.51	-	40.38	38.82	16.23	33.24

**802.11ax HEW80\_Nss1,(MCS0)\_4TX  
5775MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.542G	42.74	54.00	-11.26	17.87	3	Horizontal	350	1.95	-	24.87	38.82	13.13	34.08
PK	11.53064G	54.43	74.00	-19.57	17.89	3	Horizontal	350	1.95	-	36.54	38.84	13.13	34.08
PK	17.31436G	62.31	68.20	-5.89	21.72	3	Horizontal	66	2.43	-	40.59	38.74	16.23	33.25



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	QP	47.46M	36.81	40.00	-3.19	3	Vertical	2	1.00	-

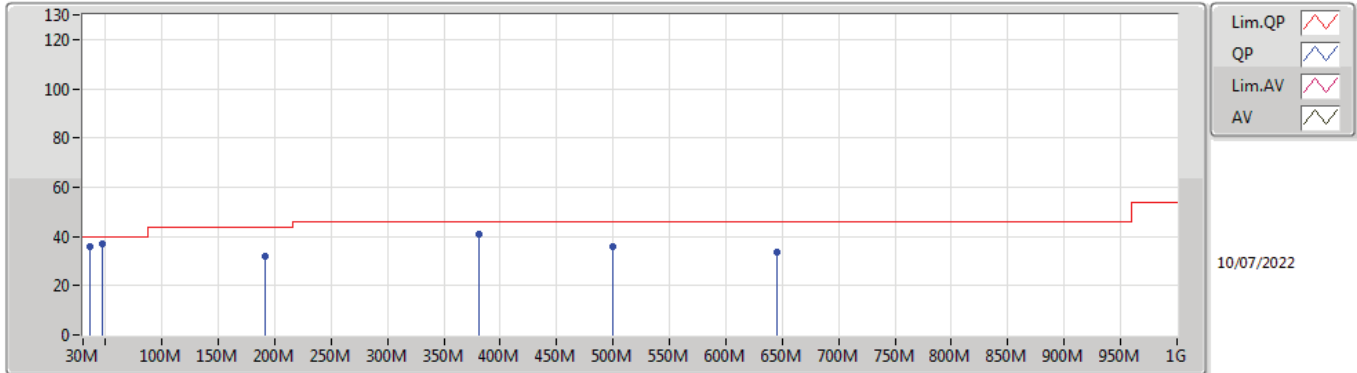


Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	191.02M	31.99	43.50	-11.51	3	Vertical	0	1.00	-
5775MHz	Pass	PK	381.14M	41.15	46.00	-4.85	3	Vertical	0	1.00	-
5775MHz	Pass	PK	499.48M	35.70	46.00	-10.30	3	Vertical	0	1.00	-
5775MHz	Pass	PK	644.98M	33.79	46.00	-12.21	3	Vertical	0	1.00	-
5775MHz	Pass	QP	47.46M	36.81	40.00	-3.19	3	Vertical	2	1.00	-
5775MHz	Pass	QP	35.82M	35.78	40.00	-4.22	3	Vertical	0	1.00	-
5775MHz	Pass	PK	125.06M	33.70	43.50	-9.80	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	189.08M	33.84	43.50	-9.66	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	381.14M	41.30	46.00	-4.70	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	499.48M	34.44	46.00	-11.56	3	Horizontal	360	1.00	-
5775MHz	Pass	PK	648.86M	35.21	46.00	-10.79	3	Horizontal	360	1.00	-
5775MHz	Pass	QP	47.46M	33.44	40.00	-6.56	3	Horizontal	277	1.40	-

### 802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

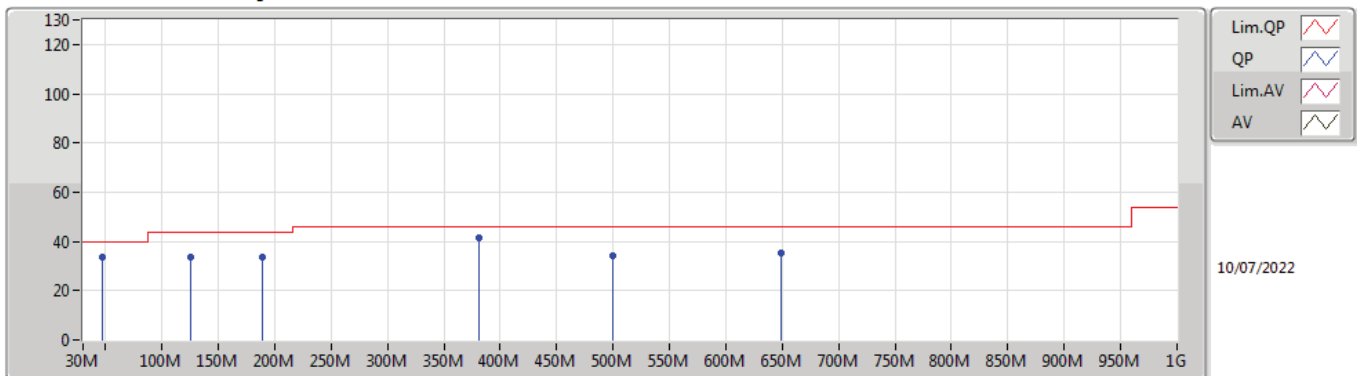
#### 5775MHz\_Adapter



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	191.02M	31.99	43.50	-11.51	-11.21	3	Vertical	0	1.00	-	43.20	14.26	1.98	27.45
PK	381.14M	41.15	46.00	-4.85	-4.72	3	Vertical	0	1.00	-	45.87	20.17	2.82	27.71
PK	499.48M	35.70	46.00	-10.30	-2.28	3	Vertical	0	1.00	-	37.98	22.75	3.31	28.34
PK	644.98M	33.79	46.00	-12.21	-0.62	3	Vertical	0	1.00	-	34.41	24.24	3.69	28.55
QP	47.46M	36.81	40.00	-3.19	-12.11	3	Vertical	2	1.00	-	48.92	14.15	1.03	27.29
QP	35.82M	35.78	40.00	-4.22	-5.46	3	Vertical	0	1.00	-	41.24	20.17	1.02	26.65

### 802.11ax HEW80-BF\_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	125.06M	33.70	43.50	-9.80	-8.86	3	Horizontal	360	1.00	-	42.56	17.33	1.57	27.76
PK	189.08M	33.84	43.50	-9.66	-11.21	3	Horizontal	360	1.00	-	45.05	14.28	1.97	27.46
PK	381.14M	41.30	46.00	-4.70	-4.72	3	Horizontal	360	1.00	-	46.02	20.17	2.82	27.71
PK	499.48M	34.44	46.00	-11.56	-2.28	3	Horizontal	360	1.00	-	36.72	22.75	3.31	28.34
PK	648.86M	35.21	46.00	-10.79	-0.66	3	Horizontal	360	1.00	-	35.87	24.20	3.70	28.56
QP	47.46M	33.44	40.00	-6.56	-12.11	3	Horizontal	277	1.40	-	45.55	14.15	1.03	27.29



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1492G	53.70	54.00	-0.30	3	Vertical	111	1.73	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	Pass	AV	5.1494G	53.38	54.00	-0.62	3	Vertical	138	1.53	-
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	Pass	AV	5.15G	53.58	54.00	-0.42	3	Vertical	114	1.84	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	5.1484G	53.74	54.00	-0.26	3	Horizontal	318	1.50	-
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	Pass	AV	5.15G	53.80	54.00	-0.20	3	Vertical	139	1.65	-
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	Pass	AV	5.1496G	53.72	54.00	-0.28	3	Vertical	139	1.50	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.144G	53.72	54.00	-0.28	3	Vertical	113	1.71	-
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	Pass	AV	5.15G	53.76	54.00	-0.24	3	Vertical	107	1.50	-
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	Pass	AV	5.148G	53.43	54.00	-0.57	3	Vertical	110	1.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	17.4786G	64.13	68.20	-4.07	3	Horizontal	267	1.49	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	Pass	PK	17.3441G	62.69	68.20	-5.51	3	Horizontal	83	1.48	-
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	Pass	PK	5.5554G	62.14	68.20	-6.06	3	Vertical	13	2.52	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	PK	5.6506G	63.32	68.64	-5.32	3	Vertical	35	2.31	-
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	Pass	PK	5.6518G	66.01	69.53	-3.52	3	Horizontal	146	2.83	-
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	Pass	PK	5.6386G	63.97	68.20	-4.23	3	Vertical	0	2.54	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	5.9358G	67.66	68.20	-0.54	3	Horizontal	133	3.00	-
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	Pass	PK	5.6466G	68.00	68.20	-0.20	3	Vertical	26	1.50	-
802.11ax HEW80-BF_Nss3,(MCS0)_4TX	Pass	PK	5.649G	67.44	68.20	-0.76	3	Horizontal	325	2.89	-





Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	53.70	54.00	-0.30	3	Vertical	111	1.73	-
5180MHz	Pass	AV	5.1714G	108.58	Inf	-Inf	3	Vertical	111	1.73	-
5180MHz	Pass	PK	5.1492G	72.55	74.00	-1.45	3	Vertical	111	1.73	-
5180MHz	Pass	PK	5.1732G	122.18	Inf	-Inf	3	Vertical	111	1.73	-
5180MHz	Pass	AV	5.1498G	51.65	54.00	-2.35	3	Horizontal	178	1.50	-
5180MHz	Pass	AV	5.172G	105.69	Inf	-Inf	3	Horizontal	178	1.50	-
5180MHz	Pass	PK	5.1476G	69.16	74.00	-4.84	3	Horizontal	178	1.50	-
5180MHz	Pass	PK	5.1722G	117.45	Inf	-Inf	3	Horizontal	178	1.50	-
5180MHz	Pass	AV	15.53412G	49.37	54.00	-4.63	3	Vertical	136	1.52	-
5180MHz	Pass	PK	10.36036G	54.38	68.20	-13.82	3	Vertical	105	1.24	-
5180MHz	Pass	PK	15.54056G	62.14	74.00	-11.86	3	Vertical	136	1.52	-
5180MHz	Pass	AV	15.534G	49.06	54.00	-4.94	3	Horizontal	184	1.50	-
5180MHz	Pass	PK	10.3674G	54.43	68.20	-13.77	3	Horizontal	18	1.50	-
5180MHz	Pass	PK	15.546G	62.25	74.00	-11.75	3	Horizontal	184	1.50	-
5200MHz	Pass	AV	5.1492G	51.87	54.00	-2.13	3	Vertical	113	1.78	-
5200MHz	Pass	AV	5.2056G	113.40	Inf	-Inf	3	Vertical	113	1.78	-
5200MHz	Pass	PK	5.1396G	66.14	74.00	-7.86	3	Vertical	113	1.78	-
5200MHz	Pass	PK	5.2076G	126.39	Inf	-Inf	3	Vertical	113	1.78	-
5200MHz	Pass	AV	5.15G	53.21	54.00	-0.79	3	Horizontal	174	2.56	-
5200MHz	Pass	AV	5.1988G	111.72	Inf	-Inf	3	Horizontal	174	2.56	-
5200MHz	Pass	PK	5.1488G	69.74	74.00	-4.26	3	Horizontal	174	2.56	-
5200MHz	Pass	PK	5.1996G	124.41	Inf	-Inf	3	Horizontal	174	2.56	-
5200MHz	Pass	AV	15.59668G	52.52	54.00	-1.48	3	Vertical	131	1.50	-
5200MHz	Pass	PK	10.39812G	54.57	68.20	-13.63	3	Vertical	227	2.39	-
5200MHz	Pass	PK	15.59328G	68.18	74.00	-5.82	3	Vertical	131	1.50	-
5200MHz	Pass	AV	15.60252G	52.42	54.00	-1.58	3	Horizontal	238	1.48	-
5200MHz	Pass	PK	10.39988G	54.49	68.20	-13.71	3	Horizontal	284	1.50	-
5200MHz	Pass	PK	15.59664G	69.43	74.00	-4.57	3	Horizontal	238	1.48	-
5240MHz	Pass	AV	5.1494G	50.41	54.00	-3.59	3	Vertical	112	1.66	-
5240MHz	Pass	AV	5.2352G	112.08	Inf	-Inf	3	Vertical	112	1.66	-
5240MHz	Pass	AV	5.3516G	49.07	54.00	-4.93	3	Vertical	112	1.66	-
5240MHz	Pass	PK	5.129G	62.38	74.00	-11.62	3	Vertical	112	1.66	-
5240MHz	Pass	PK	5.2376G	123.68	Inf	-Inf	3	Vertical	112	1.66	-
5240MHz	Pass	PK	5.3594G	61.18	74.00	-12.82	3	Vertical	112	1.66	-
5240MHz	Pass	AV	5.1464G	49.63	54.00	-4.37	3	Horizontal	176	2.39	-
5240MHz	Pass	AV	5.2484G	112.29	Inf	-Inf	3	Horizontal	176	2.39	-
5240MHz	Pass	AV	5.35G	48.46	54.00	-5.54	3	Horizontal	176	2.39	-
5240MHz	Pass	PK	5.1422G	61.54	74.00	-12.46	3	Horizontal	176	2.39	-
5240MHz	Pass	PK	5.2478G	124.75	Inf	-Inf	3	Horizontal	176	2.39	-
5240MHz	Pass	PK	5.3666G	60.16	74.00	-13.84	3	Horizontal	176	2.39	-
5240MHz	Pass	AV	15.72948G	49.90	54.00	-4.10	3	Vertical	131	1.50	-
5240MHz	Pass	PK	10.4774G	54.64	68.20	-13.56	3	Vertical	62	1.50	-
5240MHz	Pass	PK	15.72868G	65.40	74.00	-8.60	3	Vertical	131	1.50	-
5240MHz	Pass	AV	15.71456G	51.19	54.00	-2.81	3	Horizontal	295	1.50	-
5240MHz	Pass	PK	10.48388G	54.53	68.20	-13.67	3	Horizontal	65	2.99	-
5240MHz	Pass	PK	15.71192G	65.95	74.00	-8.05	3	Horizontal	295	1.50	-
5745MHz	Pass	AV	5.7426G	113.03	Inf	-Inf	3	Vertical	36	2.36	-
5745MHz	Pass	PK	5.5878G	62.38	68.20	-5.82	3	Vertical	36	2.36	-
5745MHz	Pass	PK	5.7462G	124.56	Inf	-Inf	3	Vertical	36	2.36	-
5745MHz	Pass	PK	5.937G	61.56	68.20	-6.64	3	Vertical	36	2.36	-
5745MHz	Pass	AV	5.7426G	110.56	Inf	-Inf	3	Horizontal	346	1.56	-
5745MHz	Pass	PK	5.613G	61.12	68.20	-7.08	3	Horizontal	346	1.56	-
5745MHz	Pass	PK	5.7402G	122.14	Inf	-Inf	3	Horizontal	346	1.56	-
5745MHz	Pass	PK	6.0366G	61.06	68.20	-7.14	3	Horizontal	346	1.56	-
5745MHz	Pass	AV	11.49872G	41.26	54.00	-12.74	3	Vertical	223	1.54	-
5745MHz	Pass	PK	11.48944G	54.27	74.00	-19.73	3	Vertical	223	1.54	-
5745MHz	Pass	PK	17.25772G	62.03	68.20	-6.17	3	Vertical	102	1.50	-
5745MHz	Pass	AV	11.4906G	41.30	54.00	-12.70	3	Horizontal	327	1.50	-
5745MHz	Pass	PK	11.48588G	53.98	74.00	-20.02	3	Horizontal	327	1.50	-
5745MHz	Pass	PK	17.23944G	63.32	68.20	-4.88	3	Horizontal	115	1.51	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	5.7766G	111.66	Inf	-Inf	3	Vertical	281	1.74	-
5785MHz	Pass	PK	5.6458G	61.70	68.20	-6.50	3	Vertical	281	1.74	-
5785MHz	Pass	PK	5.7778G	123.46	Inf	-Inf	3	Vertical	281	1.74	-
5785MHz	Pass	PK	6.0478G	62.17	68.20	-6.03	3	Vertical	281	1.74	-
5785MHz	Pass	AV	5.779G	109.30	Inf	-Inf	3	Horizontal	352	1.32	-
5785MHz	Pass	PK	5.647G	60.80	68.20	-7.40	3	Horizontal	352	1.32	-
5785MHz	Pass	PK	5.7778G	120.31	Inf	-Inf	3	Horizontal	352	1.32	-
5785MHz	Pass	PK	6.0118G	62.21	68.20	-5.99	3	Horizontal	352	1.32	-
5785MHz	Pass	AV	11.57392G	41.00	54.00	-13.00	3	Vertical	172	1.12	-
5785MHz	Pass	PK	11.57608G	53.55	74.00	-20.45	3	Vertical	172	1.12	-
5785MHz	Pass	PK	17.35928G	62.94	68.20	-5.26	3	Vertical	230	1.60	-
5785MHz	Pass	AV	11.566G	40.80	54.00	-13.20	3	Horizontal	262	1.87	-
5785MHz	Pass	PK	11.57788G	53.38	74.00	-20.62	3	Horizontal	262	1.87	-
5785MHz	Pass	PK	17.34972G	62.99	68.20	-5.21	3	Horizontal	25	1.11	-
5825MHz	Pass	AV	5.8178G	112.64	Inf	-Inf	3	Vertical	44	2.63	-
5825MHz	Pass	PK	5.6246G	62.44	68.20	-5.76	3	Vertical	44	2.63	-
5825MHz	Pass	PK	5.8238G	124.95	Inf	-Inf	3	Vertical	44	2.63	-
5825MHz	Pass	PK	5.933G	61.79	68.20	-6.41	3	Vertical	44	2.63	-
5825MHz	Pass	AV	5.8334G	111.02	Inf	-Inf	3	Horizontal	327	1.27	-
5825MHz	Pass	PK	5.5502G	60.92	68.20	-7.28	3	Horizontal	327	1.27	-
5825MHz	Pass	PK	5.8334G	122.17	Inf	-Inf	3	Horizontal	327	1.27	-
5825MHz	Pass	PK	6.1142G	61.60	68.20	-6.60	3	Horizontal	327	1.27	-
5825MHz	Pass	AV	11.64544G	41.70	54.00	-12.30	3	Vertical	0	3.00	-
5825MHz	Pass	PK	11.65756G	55.46	74.00	-18.54	3	Vertical	0	3.00	-
5825MHz	Pass	PK	17.4858G	62.97	68.20	-5.23	3	Vertical	177	1.01	-
5825MHz	Pass	AV	11.6598G	41.86	54.00	-12.14	3	Horizontal	218	1.50	-
5825MHz	Pass	PK	11.6196G	54.44	74.00	-19.56	3	Horizontal	218	1.50	-
5825MHz	Pass	PK	17.4786G	64.13	68.20	-4.07	3	Horizontal	267	1.49	-
802.11ax HEW20-BF_Nss2(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1494G	53.38	54.00	-0.62	3	Vertical	138	1.53	-
5180MHz	Pass	AV	5.1844G	105.05	Inf	-Inf	3	Vertical	138	1.53	-
5180MHz	Pass	PK	5.1486G	72.75	74.00	-1.25	3	Vertical	138	1.53	-
5180MHz	Pass	PK	5.1848G	117.33	Inf	-Inf	3	Vertical	138	1.53	-
5180MHz	Pass	AV	5.1486G	52.52	54.00	-1.48	3	Horizontal	318	1.34	-
5180MHz	Pass	AV	5.1716G	103.97	Inf	-Inf	3	Horizontal	318	1.34	-
5180MHz	Pass	PK	5.1492G	69.68	74.00	-4.32	3	Horizontal	318	1.34	-
5180MHz	Pass	PK	5.171G	115.54	Inf	-Inf	3	Horizontal	318	1.34	-
5180MHz	Pass	AV	15.53628G	48.70	54.00	-5.30	3	Vertical	237	1.45	-
5180MHz	Pass	PK	10.35044G	53.84	68.20	-14.36	3	Vertical	267	1.50	-
5180MHz	Pass	PK	15.53808G	61.98	74.00	-12.02	3	Vertical	237	1.45	-
5180MHz	Pass	AV	15.53768G	48.92	54.00	-5.08	3	Horizontal	256	1.50	-
5180MHz	Pass	PK	10.36476G	53.70	68.20	-14.50	3	Horizontal	75	2.59	-
5180MHz	Pass	PK	15.53784G	61.73	74.00	-12.27	3	Horizontal	256	1.50	-
5200MHz	Pass	AV	5.15G	52.52	54.00	-1.48	3	Vertical	110	1.61	-
5200MHz	Pass	AV	5.1984G	109.88	Inf	-Inf	3	Vertical	110	1.61	-
5200MHz	Pass	PK	5.15G	65.96	74.00	-8.04	3	Vertical	110	1.61	-
5200MHz	Pass	PK	5.2052G	122.54	Inf	-Inf	3	Vertical	110	1.61	-
5200MHz	Pass	AV	5.15G	53.26	54.00	-0.74	3	Horizontal	112	2.56	-
5200MHz	Pass	AV	5.2092G	107.80	Inf	-Inf	3	Horizontal	112	2.56	-
5200MHz	Pass	PK	5.1484G	70.91	74.00	-3.09	3	Horizontal	112	2.56	-
5200MHz	Pass	PK	5.2068G	119.16	Inf	-Inf	3	Horizontal	112	2.56	-
5200MHz	Pass	AV	15.604G	51.60	54.00	-2.40	3	Vertical	132	1.47	-
5200MHz	Pass	PK	10.3798G	53.53	68.20	-14.67	3	Vertical	221	2.75	-
5200MHz	Pass	PK	15.5925G	65.19	74.00	-8.81	3	Vertical	132	1.47	-
5200MHz	Pass	AV	15.5998G	52.63	54.00	-1.37	3	Horizontal	243	1.50	-
5200MHz	Pass	PK	10.40928G	53.56	68.20	-14.64	3	Horizontal	99	1.50	-
5200MHz	Pass	PK	15.606G	66.01	74.00	-7.99	3	Horizontal	243	1.50	-
5240MHz	Pass	AV	5.15G	49.42	54.00	-4.58	3	Vertical	148	1.57	-
5240MHz	Pass	AV	5.2418G	109.08	Inf	-Inf	3	Vertical	148	1.57	-
5240MHz	Pass	AV	5.36G	48.83	54.00	-5.17	3	Vertical	148	1.57	-
5240MHz	Pass	PK	5.1026G	60.77	74.00	-13.23	3	Vertical	148	1.57	-
5240MHz	Pass	PK	5.2454G	120.35	Inf	-Inf	3	Vertical	148	1.57	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	5.3684G	60.49	74.00	-13.51	3	Vertical	148	1.57	-
5240MHz	Pass	AV	5.1494G	48.66	54.00	-5.34	3	Horizontal	149	1.50	-
5240MHz	Pass	AV	5.2328G	106.56	Inf	-Inf	3	Horizontal	149	1.50	-
5240MHz	Pass	AV	5.3852G	47.81	54.00	-6.19	3	Horizontal	149	1.50	-
5240MHz	Pass	PK	5.135G	60.26	74.00	-13.74	3	Horizontal	149	1.50	-
5240MHz	Pass	PK	5.2334G	117.52	Inf	-Inf	3	Horizontal	149	1.50	-
5240MHz	Pass	PK	5.3852G	59.72	74.00	-14.28	3	Horizontal	149	1.50	-
5240MHz	Pass	AV	15.7162G	50.69	54.00	-3.31	3	Vertical	217	1.86	-
5240MHz	Pass	PK	10.4804G	52.78	68.20	-15.42	3	Vertical	199	1.05	-
5240MHz	Pass	PK	15.7145G	63.60	74.00	-10.40	3	Vertical	217	1.86	-
5240MHz	Pass	AV	15.7106G	50.61	54.00	-3.39	3	Horizontal	209	1.50	-
5240MHz	Pass	PK	10.5043G	54.16	68.20	-14.04	3	Horizontal	140	1.35	-
5240MHz	Pass	PK	15.712G	66.37	74.00	-7.63	3	Horizontal	209	1.50	-
5745MHz	Pass	AV	5.7522G	109.95	Inf	-Inf	3	Vertical	19	2.50	-
5745MHz	Pass	PK	5.6382G	61.59	68.20	-6.61	3	Vertical	19	2.50	-
5745MHz	Pass	PK	5.7486G	120.69	Inf	-Inf	3	Vertical	19	2.50	-
5745MHz	Pass	PK	6.0054G	61.99	68.20	-6.21	3	Vertical	19	2.50	-
5745MHz	Pass	AV	5.7378G	108.47	Inf	-Inf	3	Horizontal	138	1.50	-
5745MHz	Pass	PK	5.6466G	60.17	68.20	-8.03	3	Horizontal	138	1.50	-
5745MHz	Pass	PK	5.7402G	118.55	Inf	-Inf	3	Horizontal	138	1.50	-
5745MHz	Pass	PK	5.9358G	61.50	68.20	-6.70	3	Horizontal	138	1.50	-
5745MHz	Pass	AV	11.4979G	41.36	54.00	-12.64	3	Vertical	73	2.69	-
5745MHz	Pass	PK	11.4993G	54.45	74.00	-19.55	3	Vertical	73	2.69	-
5745MHz	Pass	PK	17.23G	62.19	68.20	-6.01	3	Vertical	228	1.50	-
5745MHz	Pass	AV	11.4955G	41.13	54.00	-12.87	3	Horizontal	253	2.76	-
5745MHz	Pass	PK	11.4848G	54.13	74.00	-19.87	3	Horizontal	253	2.76	-
5745MHz	Pass	PK	17.2129G	62.02	68.20	-6.18	3	Horizontal	0	2.48	-
5785MHz	Pass	AV	5.7838G	109.16	Inf	-Inf	3	Vertical	29	2.38	-
5785MHz	Pass	PK	5.545G	61.34	68.20	-6.86	3	Vertical	29	2.38	-
5785MHz	Pass	PK	5.7814G	121.61	Inf	-Inf	3	Vertical	29	2.38	-
5785MHz	Pass	PK	5.9434G	60.77	68.20	-7.43	3	Vertical	29	2.38	-
5785MHz	Pass	AV	5.7814G	107.33	Inf	-Inf	3	Horizontal	349	1.32	-
5785MHz	Pass	PK	5.6446G	59.93	68.20	-8.27	3	Horizontal	349	1.32	-
5785MHz	Pass	PK	5.779G	117.29	Inf	-Inf	3	Horizontal	349	1.32	-
5785MHz	Pass	PK	5.9314G	60.57	68.20	-7.63	3	Horizontal	349	1.32	-
5785MHz	Pass	AV	11.545G	40.95	54.00	-13.05	3	Vertical	63	2.43	-
5785MHz	Pass	PK	11.5697G	53.41	74.00	-20.59	3	Vertical	63	2.43	-
5785MHz	Pass	PK	17.3679G	62.20	68.20	-6.00	3	Vertical	78	1.77	-
5785MHz	Pass	AV	11.5454G	41.06	54.00	-12.94	3	Horizontal	114	1.12	-
5785MHz	Pass	PK	11.5816G	53.19	74.00	-20.81	3	Horizontal	114	1.12	-
5785MHz	Pass	PK	17.3441G	62.69	68.20	-5.51	3	Horizontal	83	1.48	-
5825MHz	Pass	AV	5.831G	109.18	Inf	-Inf	3	Vertical	138	1.64	-
5825MHz	Pass	PK	5.5934G	60.95	68.20	-7.25	3	Vertical	138	1.64	-
5825MHz	Pass	PK	5.8262G	120.43	Inf	-Inf	3	Vertical	138	1.64	-
5825MHz	Pass	PK	5.9834G	61.35	68.20	-6.85	3	Vertical	138	1.64	-
5825MHz	Pass	AV	5.8166G	108.25	Inf	-Inf	3	Horizontal	138	2.36	-
5825MHz	Pass	PK	5.5298G	60.70	68.20	-7.50	3	Horizontal	138	2.36	-
5825MHz	Pass	PK	5.8178G	120.44	Inf	-Inf	3	Horizontal	138	2.36	-
5825MHz	Pass	PK	5.987G	61.76	68.20	-6.44	3	Horizontal	138	2.36	-
5825MHz	Pass	AV	11.6504G	40.96	54.00	-13.04	3	Vertical	55	2.18	-
5825MHz	Pass	PK	11.6619G	53.16	74.00	-20.84	3	Vertical	55	2.18	-
5825MHz	Pass	PK	17.4662G	61.75	68.20	-6.45	3	Vertical	286	1.37	-
5825MHz	Pass	AV	11.6583G	40.99	54.00	-13.01	3	Horizontal	244	2.71	-
5825MHz	Pass	PK	11.6324G	53.06	74.00	-20.94	3	Horizontal	244	2.71	-
5825MHz	Pass	PK	17.4893G	61.80	68.20	-6.40	3	Horizontal	337	1.89	-
802.11ax HEW20-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.149G	53.45	54.00	-0.55	3	Vertical	111	1.68	-
5180MHz	Pass	AV	5.1822G	106.58	Inf	-Inf	3	Vertical	111	1.68	-
5180MHz	Pass	PK	5.15G	70.05	74.00	-3.95	3	Vertical	111	1.68	-
5180MHz	Pass	PK	5.1716G	118.75	Inf	-Inf	3	Vertical	111	1.68	-
5180MHz	Pass	AV	5.1496G	52.53	54.00	-1.47	3	Horizontal	181	2.35	-
5180MHz	Pass	AV	5.1838G	104.43	Inf	-Inf	3	Horizontal	181	2.35	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5180MHz	Pass	PK	5.1494G	66.79	74.00	-7.21	3	Horizontal	181	2.35	-
5180MHz	Pass	PK	5.1784G	115.97	Inf	-Inf	3	Horizontal	181	2.35	-
5180MHz	Pass	AV	15.50048G	49.44	54.00	-4.56	3	Vertical	0	1.50	-
5180MHz	Pass	PK	10.39536G	54.30	68.20	-13.90	3	Vertical	323	1.50	-
5180MHz	Pass	PK	15.53136G	61.70	74.00	-12.30	3	Vertical	0	1.50	-
5180MHz	Pass	AV	15.50224G	49.18	54.00	-4.82	3	Horizontal	242	2.80	-
5180MHz	Pass	PK	10.34032G	53.56	68.20	-14.64	3	Horizontal	140	1.25	-
5180MHz	Pass	PK	15.51424G	62.30	74.00	-11.70	3	Horizontal	242	2.80	-
5200MHz	Pass	AV	5.15G	53.58	54.00	-0.42	3	Vertical	114	1.84	-
5200MHz	Pass	AV	5.198G	110.76	Inf	-Inf	3	Vertical	114	1.84	-
5200MHz	Pass	PK	5.148G	69.99	74.00	-4.01	3	Vertical	114	1.84	-
5200MHz	Pass	PK	5.204G	122.28	Inf	-Inf	3	Vertical	114	1.84	-
5200MHz	Pass	AV	5.15G	51.69	54.00	-2.31	3	Horizontal	178	2.49	-
5200MHz	Pass	AV	5.2012G	108.70	Inf	-Inf	3	Horizontal	178	2.49	-
5200MHz	Pass	PK	5.1492G	65.12	74.00	-8.88	3	Horizontal	178	2.49	-
5200MHz	Pass	PK	5.2016G	119.68	Inf	-Inf	3	Horizontal	178	2.49	-
5200MHz	Pass	AV	15.5904G	50.78	54.00	-3.22	3	Vertical	133	1.58	-
5200MHz	Pass	PK	10.39968G	53.94	68.20	-14.26	3	Vertical	213	1.81	-
5200MHz	Pass	PK	15.59344G	64.61	74.00	-9.39	3	Vertical	133	1.58	-
5200MHz	Pass	AV	15.60224G	51.48	54.00	-2.52	3	Horizontal	241	1.48	-
5200MHz	Pass	PK	10.42192G	53.53	68.20	-14.67	3	Horizontal	276	1.95	-
5200MHz	Pass	PK	15.60752G	65.76	74.00	-8.24	3	Horizontal	241	1.48	-
5240MHz	Pass	AV	5.1482G	51.09	54.00	-2.91	3	Vertical	112	1.78	-
5240MHz	Pass	AV	5.2412G	110.13	Inf	-Inf	3	Vertical	112	1.78	-
5240MHz	Pass	AV	5.3522G	50.01	54.00	-3.99	3	Vertical	112	1.78	-
5240MHz	Pass	PK	5.141G	62.29	74.00	-11.71	3	Vertical	112	1.78	-
5240MHz	Pass	PK	5.2328G	121.77	Inf	-Inf	3	Vertical	112	1.78	-
5240MHz	Pass	PK	5.35G	60.99	74.00	-13.01	3	Vertical	112	1.78	-
5240MHz	Pass	AV	5.1416G	49.59	54.00	-4.41	3	Horizontal	189	2.60	-
5240MHz	Pass	AV	5.2436G	106.99	Inf	-Inf	3	Horizontal	189	2.60	-
5240MHz	Pass	AV	5.35G	48.51	54.00	-5.49	3	Horizontal	189	2.60	-
5240MHz	Pass	PK	5.1368G	60.80	74.00	-13.20	3	Horizontal	189	2.60	-
5240MHz	Pass	PK	5.2418G	120.16	Inf	-Inf	3	Horizontal	189	2.60	-
5240MHz	Pass	PK	5.3642G	59.94	74.00	-14.06	3	Horizontal	189	2.60	-
5240MHz	Pass	AV	15.71664G	50.10	54.00	-3.90	3	Vertical	212	1.49	-
5240MHz	Pass	PK	10.51952G	52.77	68.20	-15.43	3	Vertical	52	1.52	-
5240MHz	Pass	PK	15.71296G	64.79	74.00	-9.21	3	Vertical	212	1.49	-
5240MHz	Pass	AV	15.71776G	50.47	54.00	-3.53	3	Horizontal	241	1.50	-
5240MHz	Pass	PK	10.51392G	52.93	68.20	-15.27	3	Horizontal	167	2.64	-
5240MHz	Pass	PK	15.71328G	64.32	74.00	-9.68	3	Horizontal	241	1.50	-
5745MHz	Pass	AV	5.7414G	107.97	Inf	-Inf	3	Vertical	13	2.52	-
5745MHz	Pass	PK	5.5554G	62.14	68.20	-6.06	3	Vertical	13	2.52	-
5745MHz	Pass	PK	5.7438G	119.34	Inf	-Inf	3	Vertical	13	2.52	-
5745MHz	Pass	PK	5.9274G	61.29	68.20	-6.91	3	Vertical	13	2.52	-
5745MHz	Pass	AV	5.7474G	107.45	Inf	-Inf	3	Horizontal	334	1.50	-
5745MHz	Pass	PK	5.5578G	61.31	68.20	-6.89	3	Horizontal	334	1.50	-
5745MHz	Pass	PK	5.7438G	118.38	Inf	-Inf	3	Horizontal	334	1.50	-
5745MHz	Pass	PK	6.033G	60.46	68.20	-7.74	3	Horizontal	334	1.50	-
5745MHz	Pass	AV	11.48456G	41.24	54.00	-12.76	3	Vertical	173	1.41	-
5745MHz	Pass	PK	11.4812G	54.62	74.00	-19.38	3	Vertical	173	1.41	-
5745MHz	Pass	PK	17.22508G	60.81	68.20	-7.39	3	Vertical	255	1.50	-
5745MHz	Pass	AV	11.4884G	41.22	54.00	-12.78	3	Horizontal	51	3.00	-
5745MHz	Pass	PK	11.45176G	53.09	74.00	-20.91	3	Horizontal	51	3.00	-
5745MHz	Pass	PK	17.2222G	61.53	68.20	-6.67	3	Horizontal	137	1.50	-
5785MHz	Pass	AV	5.7838G	108.43	Inf	-Inf	3	Vertical	49	2.46	-
5785MHz	Pass	PK	5.5954G	61.81	68.20	-6.39	3	Vertical	49	2.46	-
5785MHz	Pass	PK	5.7862G	119.93	Inf	-Inf	3	Vertical	49	2.46	-
5785MHz	Pass	PK	5.9638G	60.93	68.20	-7.27	3	Vertical	49	2.46	-
5785MHz	Pass	AV	5.7898G	107.68	Inf	-Inf	3	Horizontal	327	1.24	-
5785MHz	Pass	PK	5.5858G	61.24	68.20	-6.96	3	Horizontal	327	1.24	-
5785MHz	Pass	PK	5.7874G	117.98	Inf	-Inf	3	Horizontal	327	1.24	-
5785MHz	Pass	PK	5.9254G	60.81	68.20	-7.39	3	Horizontal	327	1.24	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	AV	11.56072G	41.06	54.00	-12.94	3	Vertical	40	1.86	-
5785MHz	Pass	PK	11.57768G	53.96	74.00	-20.04	3	Vertical	40	1.86	-
5785MHz	Pass	PK	17.37516G	61.71	68.20	-6.49	3	Vertical	79	1.28	-
5785MHz	Pass	AV	11.53352G	41.25	54.00	-12.75	3	Horizontal	300	2.61	-
5785MHz	Pass	PK	11.58872G	53.63	74.00	-20.37	3	Horizontal	300	2.61	-
5785MHz	Pass	PK	17.35452G	61.51	68.20	-6.69	3	Horizontal	271	1.36	-
5825MHz	Pass	AV	5.8262G	109.50	Inf	-Inf	3	Vertical	136	1.77	-
5825MHz	Pass	PK	5.6162G	61.42	68.20	-6.78	3	Vertical	136	1.77	-
5825MHz	Pass	PK	5.8226G	120.50	Inf	-Inf	3	Vertical	136	1.77	-
5825MHz	Pass	PK	6.0362G	61.51	68.20	-6.69	3	Vertical	136	1.77	-
5825MHz	Pass	AV	5.8226G	106.48	Inf	-Inf	3	Horizontal	339	1.50	-
5825MHz	Pass	PK	5.6306G	60.62	68.20	-7.58	3	Horizontal	339	1.50	-
5825MHz	Pass	PK	5.8274G	117.95	Inf	-Inf	3	Horizontal	339	1.50	-
5825MHz	Pass	PK	5.9342G	61.88	68.20	-6.32	3	Horizontal	339	1.50	-
5825MHz	Pass	AV	11.6556G	41.29	54.00	-12.71	3	Vertical	129	1.23	-
5825MHz	Pass	PK	11.67544G	54.20	74.00	-19.80	3	Vertical	129	1.23	-
5825MHz	Pass	PK	17.50908G	61.60	68.20	-6.60	3	Vertical	0	1.50	-
5825MHz	Pass	AV	11.68936G	41.28	54.00	-12.72	3	Horizontal	224	1.04	-
5825MHz	Pass	PK	11.68712G	53.85	74.00	-20.15	3	Horizontal	224	1.04	-
5825MHz	Pass	PK	17.4838G	61.20	68.20	-7.00	3	Horizontal	295	1.50	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.78	54.00	-1.22	3	Vertical	107	1.67	-
5190MHz	Pass	AV	5.2076G	101.77	Inf	-Inf	3	Vertical	107	1.67	-
5190MHz	Pass	PK	5.1476G	71.52	74.00	-2.48	3	Vertical	107	1.67	-
5190MHz	Pass	PK	5.1976G	114.29	Inf	-Inf	3	Vertical	107	1.67	-
5190MHz	Pass	AV	5.1484G	53.74	54.00	-0.26	3	Horizontal	318	1.50	-
5190MHz	Pass	AV	5.1816G	101.38	Inf	-Inf	3	Horizontal	318	1.50	-
5190MHz	Pass	PK	5.1484G	70.59	74.00	-3.41	3	Horizontal	318	1.50	-
5190MHz	Pass	PK	5.182G	113.83	Inf	-Inf	3	Horizontal	318	1.50	-
5190MHz	Pass	AV	15.56244G	47.66	54.00	-6.34	3	Vertical	175	1.81	-
5190MHz	Pass	PK	10.37164G	53.14	68.20	-15.06	3	Vertical	68	1.78	-
5190MHz	Pass	PK	15.57572G	61.09	74.00	-12.91	3	Vertical	175	1.81	-
5190MHz	Pass	AV	15.56024G	47.68	54.00	-6.32	3	Horizontal	3	1.65	-
5190MHz	Pass	PK	10.38128G	54.01	68.20	-14.19	3	Horizontal	355	1.74	-
5190MHz	Pass	PK	15.56316G	60.99	74.00	-13.01	3	Horizontal	3	1.65	-
5230MHz	Pass	AV	5.15G	53.11	54.00	-0.89	3	Vertical	124	2.52	-
5230MHz	Pass	AV	5.2236G	107.33	Inf	-Inf	3	Vertical	124	2.52	-
5230MHz	Pass	PK	5.1496G	68.63	74.00	-5.37	3	Vertical	124	2.52	-
5230MHz	Pass	PK	5.2252G	119.52	Inf	-Inf	3	Vertical	124	2.52	-
5230MHz	Pass	AV	5.15G	51.14	54.00	-2.86	3	Horizontal	159	2.27	-
5230MHz	Pass	AV	5.212G	106.60	Inf	-Inf	3	Horizontal	159	2.27	-
5230MHz	Pass	PK	5.15G	65.13	74.00	-8.87	3	Horizontal	159	2.27	-
5230MHz	Pass	PK	5.2124G	117.99	Inf	-Inf	3	Horizontal	159	2.27	-
5230MHz	Pass	AV	15.68128G	48.42	54.00	-5.58	3	Vertical	132	1.50	-
5230MHz	Pass	PK	10.4684G	52.87	68.20	-15.33	3	Vertical	50	3.00	-
5230MHz	Pass	PK	15.68708G	62.78	74.00	-11.22	3	Vertical	132	1.50	-
5230MHz	Pass	AV	15.68804G	48.16	54.00	-5.84	3	Horizontal	140	1.50	-
5230MHz	Pass	PK	10.45472G	53.70	68.20	-14.50	3	Horizontal	340	3.00	-
5230MHz	Pass	PK	15.69264G	62.49	74.00	-11.51	3	Horizontal	140	1.50	-
5755MHz	Pass	AV	5.743G	108.62	Inf	-Inf	3	Vertical	35	2.31	-
5755MHz	Pass	PK	5.6506G	63.32	68.64	-5.32	3	Vertical	35	2.31	-
5755MHz	Pass	PK	5.7382G	119.65	Inf	-Inf	3	Vertical	35	2.31	-
5755MHz	Pass	PK	5.941G	61.71	68.20	-6.49	3	Vertical	35	2.31	-
5755MHz	Pass	AV	5.7454G	106.65	Inf	-Inf	3	Horizontal	337	2.65	-
5755MHz	Pass	PK	5.6218G	60.43	68.20	-7.77	3	Horizontal	337	2.65	-
5755MHz	Pass	PK	5.7454G	117.29	Inf	-Inf	3	Horizontal	337	2.65	-
5755MHz	Pass	PK	5.9926G	60.05	68.20	-8.15	3	Horizontal	337	2.65	-
5755MHz	Pass	AV	11.50228G	40.45	54.00	-13.55	3	Vertical	202	1.96	-
5755MHz	Pass	PK	11.51144G	53.35	74.00	-20.65	3	Vertical	202	1.96	-
5755MHz	Pass	PK	17.2638G	61.77	68.20	-6.43	3	Vertical	267	2.43	-
5755MHz	Pass	AV	11.50504G	40.50	54.00	-13.50	3	Horizontal	45	1.19	-
5755MHz	Pass	PK	11.50284G	53.46	74.00	-20.54	3	Horizontal	45	1.19	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5755MHz	Pass	PK	17.27048G	62.00	68.20	-6.20	3	Horizontal	212	1.22	-
5795MHz	Pass	AV	5.8082G	106.98	Inf	-Inf	3	Vertical	48	2.31	-
5795MHz	Pass	PK	5.6258G	60.76	68.20	-7.44	3	Vertical	48	2.31	-
5795MHz	Pass	PK	5.7806G	119.00	Inf	-Inf	3	Vertical	48	2.31	-
5795MHz	Pass	PK	5.9342G	60.87	68.20	-7.33	3	Vertical	48	2.31	-
5795MHz	Pass	AV	5.813G	109.32	Inf	-Inf	3	Horizontal	156	2.51	-
5795MHz	Pass	PK	5.6486G	61.00	68.20	-7.20	3	Horizontal	156	2.51	-
5795MHz	Pass	PK	5.8106G	119.94	Inf	-Inf	3	Horizontal	156	2.51	-
5795MHz	Pass	PK	6.0122G	61.14	68.20	-7.06	3	Horizontal	156	2.51	-
5795MHz	Pass	AV	11.5838G	40.02	54.00	-13.98	3	Vertical	44	1.53	-
5795MHz	Pass	PK	11.58764G	53.19	74.00	-20.81	3	Vertical	44	1.53	-
5795MHz	Pass	PK	17.37628G	61.31	68.20	-6.89	3	Vertical	261	2.99	-
5795MHz	Pass	AV	11.584G	40.05	54.00	-13.95	3	Horizontal	320	1.52	-
5795MHz	Pass	PK	11.59996G	53.15	74.00	-20.85	3	Horizontal	320	1.52	-
5795MHz	Pass	PK	17.38356G	61.84	68.20	-6.36	3	Horizontal	230	1.50	-
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	53.68	54.00	-0.32	3	Vertical	112	1.88	-
5190MHz	Pass	AV	5.1976G	101.13	Inf	-Inf	3	Vertical	112	1.88	-
5190MHz	Pass	PK	5.15G	66.48	74.00	-7.52	3	Vertical	112	1.88	-
5190MHz	Pass	PK	5.1864G	113.30	Inf	-Inf	3	Vertical	112	1.88	-
5190MHz	Pass	AV	5.15G	51.12	54.00	-2.88	3	Horizontal	338	1.92	-
5190MHz	Pass	AV	5.184G	97.12	Inf	-Inf	3	Horizontal	338	1.92	-
5190MHz	Pass	PK	5.1424G	63.26	74.00	-10.74	3	Horizontal	338	1.92	-
5190MHz	Pass	PK	5.1844G	108.50	Inf	-Inf	3	Horizontal	338	1.92	-
5190MHz	Pass	AV	15.55G	47.92	54.00	-6.08	3	Vertical	275	1.50	-
5190MHz	Pass	PK	10.39336G	53.88	68.20	-14.32	3	Vertical	336	1.50	-
5190MHz	Pass	PK	15.55064G	60.99	74.00	-13.01	3	Vertical	275	1.50	-
5190MHz	Pass	AV	15.55048G	47.96	54.00	-6.04	3	Horizontal	216	1.50	-
5190MHz	Pass	PK	10.39608G	54.33	68.20	-13.87	3	Horizontal	33	2.88	-
5190MHz	Pass	PK	15.58288G	61.18	74.00	-12.82	3	Horizontal	216	1.50	-
5230MHz	Pass	AV	5.15G	53.80	54.00	-0.20	3	Vertical	139	1.65	-
5230MHz	Pass	AV	5.2236G	103.63	Inf	-Inf	3	Vertical	139	1.65	-
5230MHz	Pass	PK	5.15G	69.90	74.00	-4.10	3	Vertical	139	1.65	-
5230MHz	Pass	PK	5.2424G	116.01	Inf	-Inf	3	Vertical	139	1.65	-
5230MHz	Pass	AV	5.148G	51.45	54.00	-2.55	3	Horizontal	186	3.00	-
5230MHz	Pass	AV	5.2216G	103.02	Inf	-Inf	3	Horizontal	186	3.00	-
5230MHz	Pass	PK	5.1492G	66.27	74.00	-7.73	3	Horizontal	186	3.00	-
5230MHz	Pass	PK	5.224G	114.45	Inf	-Inf	3	Horizontal	186	3.00	-
5230MHz	Pass	AV	15.68886G	47.92	54.00	-6.08	3	Vertical	219	1.91	-
5230MHz	Pass	PK	10.47074G	53.05	68.20	-15.15	3	Vertical	115	1.00	-
5230MHz	Pass	PK	15.6861G	62.58	74.00	-11.42	3	Vertical	219	1.91	-
5230MHz	Pass	AV	15.68628G	47.73	54.00	-6.27	3	Horizontal	242	1.50	-
5230MHz	Pass	PK	10.46402G	53.60	68.20	-14.60	3	Horizontal	261	1.62	-
5230MHz	Pass	PK	15.70188G	61.77	74.00	-12.23	3	Horizontal	242	1.50	-
5755MHz	Pass	AV	5.7418G	104.33	Inf	-Inf	3	Vertical	23	1.50	-
5755MHz	Pass	PK	5.635G	61.88	68.20	-6.32	3	Vertical	23	1.50	-
5755MHz	Pass	PK	5.7454G	116.03	Inf	-Inf	3	Vertical	23	1.50	-
5755MHz	Pass	PK	6.025G	61.22	68.20	-6.98	3	Vertical	23	1.50	-
5755MHz	Pass	AV	5.7382G	104.23	Inf	-Inf	3	Horizontal	146	2.83	-
5755MHz	Pass	PK	5.6518G	66.01	69.53	-3.52	3	Horizontal	146	2.83	-
5755MHz	Pass	PK	5.7394G	114.99	Inf	-Inf	3	Horizontal	146	2.83	-
5755MHz	Pass	PK	5.9626G	60.58	68.20	-7.62	3	Horizontal	146	2.83	-
5755MHz	Pass	AV	11.513G	40.95	54.00	-13.05	3	Vertical	106	1.82	-
5755MHz	Pass	PK	11.50706G	54.57	74.00	-19.43	3	Vertical	106	1.82	-
5755MHz	Pass	PK	17.25954G	61.75	68.20	-6.45	3	Vertical	336	1.50	-
5755MHz	Pass	AV	11.51096G	41.07	54.00	-12.93	3	Horizontal	234	1.50	-
5755MHz	Pass	PK	11.50034G	53.84	74.00	-20.16	3	Horizontal	234	1.50	-
5755MHz	Pass	PK	17.27622G	61.53	68.20	-6.67	3	Horizontal	305	1.50	-
5795MHz	Pass	AV	5.789G	105.06	Inf	-Inf	3	Vertical	140	1.50	-
5795MHz	Pass	PK	5.6498G	61.61	68.20	-6.59	3	Vertical	140	1.50	-
5795MHz	Pass	PK	5.7998G	116.33	Inf	-Inf	3	Vertical	140	1.50	-
5795MHz	Pass	PK	5.933G	61.49	68.20	-6.71	3	Vertical	140	1.50	-



RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	AV	5.7794G	104.54	Inf	-Inf	3	Horizontal	146	3.00	-
5795MHz	Pass	PK	5.6282G	60.93	68.20	-7.27	3	Horizontal	146	3.00	-
5795MHz	Pass	PK	5.8118G	115.50	Inf	-Inf	3	Horizontal	146	3.00	-
5795MHz	Pass	PK	5.9318G	61.87	68.20	-6.33	3	Horizontal	146	3.00	-
5795MHz	Pass	AV	11.59006G	40.27	54.00	-13.73	3	Vertical	219	1.85	-
5795MHz	Pass	PK	11.58958G	53.68	74.00	-20.32	3	Vertical	219	1.85	-
5795MHz	Pass	PK	17.39172G	61.14	68.20	-7.06	3	Vertical	360	1.50	-
5795MHz	Pass	AV	11.5762G	40.53	54.00	-13.47	3	Horizontal	203	1.50	-
5795MHz	Pass	PK	11.58118G	53.51	74.00	-20.49	3	Horizontal	203	1.50	-
5795MHz	Pass	PK	17.38146G	61.40	68.20	-6.80	3	Horizontal	360	2.32	-
802.11ax HEW40-BF_Nss3,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1496G	53.72	54.00	-0.28	3	Vertical	139	1.50	-
5190MHz	Pass	AV	5.1756G	99.49	Inf	-Inf	3	Vertical	139	1.50	-
5190MHz	Pass	PK	5.1472G	67.93	74.00	-6.07	3	Vertical	139	1.50	-
5190MHz	Pass	PK	5.1884G	111.45	Inf	-Inf	3	Vertical	139	1.50	-
5190MHz	Pass	AV	5.1496G	53.34	54.00	-0.66	3	Horizontal	181	2.40	-
5190MHz	Pass	AV	5.184G	99.55	Inf	-Inf	3	Horizontal	181	2.40	-
5190MHz	Pass	PK	5.1476G	65.16	74.00	-8.84	3	Horizontal	181	2.40	-
5190MHz	Pass	PK	5.2072G	112.20	Inf	-Inf	3	Horizontal	181	2.40	-
5190MHz	Pass	AV	15.55192G	47.93	54.00	-6.07	3	Vertical	158	3.00	-
5190MHz	Pass	PK	10.35632G	53.13	68.20	-15.07	3	Vertical	119	2.82	-
5190MHz	Pass	PK	15.56568G	61.08	74.00	-12.92	3	Vertical	158	3.00	-
5190MHz	Pass	AV	15.55048G	47.81	54.00	-6.19	3	Horizontal	276	1.50	-
5190MHz	Pass	PK	10.38712G	54.37	68.20	-13.83	3	Horizontal	160	2.86	-
5190MHz	Pass	PK	15.55056G	61.35	74.00	-12.65	3	Horizontal	276	1.50	-
5230MHz	Pass	AV	5.15G	53.43	54.00	-0.57	3	Vertical	148	1.50	-
5230MHz	Pass	AV	5.2456G	104.76	Inf	-Inf	3	Vertical	148	1.50	-
5230MHz	Pass	PK	5.15G	69.02	74.00	-4.98	3	Vertical	148	1.50	-
5230MHz	Pass	PK	5.2468G	116.92	Inf	-Inf	3	Vertical	148	1.50	-
5230MHz	Pass	AV	5.1496G	53.03	54.00	-0.97	3	Horizontal	179	2.95	-
5230MHz	Pass	AV	5.2208G	102.21	Inf	-Inf	3	Horizontal	179	2.95	-
5230MHz	Pass	PK	5.1448G	66.61	74.00	-7.39	3	Horizontal	179	2.95	-
5230MHz	Pass	PK	5.2244G	114.29	Inf	-Inf	3	Horizontal	179	2.95	-
5230MHz	Pass	AV	15.68888G	48.53	54.00	-5.47	3	Vertical	213	1.50	-
5230MHz	Pass	PK	10.44584G	53.26	68.20	-14.94	3	Vertical	330	1.50	-
5230MHz	Pass	PK	15.69584G	63.12	74.00	-10.88	3	Vertical	213	1.50	-
5230MHz	Pass	AV	15.70712G	48.88	54.00	-5.12	3	Horizontal	135	1.50	-
5230MHz	Pass	PK	10.4404G	52.86	68.20	-15.34	3	Horizontal	36	1.17	-
5230MHz	Pass	PK	15.7048G	62.31	74.00	-11.69	3	Horizontal	135	1.50	-
5755MHz	Pass	AV	5.7442G	105.20	Inf	-Inf	3	Vertical	0	2.54	-
5755MHz	Pass	PK	5.6386G	63.97	68.20	-4.23	3	Vertical	0	2.54	-
5755MHz	Pass	PK	5.7454G	117.13	Inf	-Inf	3	Vertical	0	2.54	-
5755MHz	Pass	PK	5.9374G	61.33	68.20	-6.87	3	Vertical	0	2.54	-
5755MHz	Pass	AV	5.7574G	103.16	Inf	-Inf	3	Horizontal	335	1.84	-
5755MHz	Pass	PK	5.647G	61.77	68.20	-6.43	3	Horizontal	335	1.84	-
5755MHz	Pass	PK	5.7478G	114.85	Inf	-Inf	3	Horizontal	335	1.84	-
5755MHz	Pass	PK	6.037G	61.08	68.20	-7.12	3	Horizontal	335	1.84	-
5755MHz	Pass	AV	11.49736G	41.43	54.00	-12.57	3	Vertical	196	2.38	-
5755MHz	Pass	PK	11.50416G	54.24	74.00	-19.76	3	Vertical	196	2.38	-
5755MHz	Pass	PK	17.28044G	62.06	68.20	-6.14	3	Vertical	117	1.50	-
5755MHz	Pass	AV	11.49896G	41.40	54.00	-12.60	3	Horizontal	247	2.89	-
5755MHz	Pass	PK	11.49184G	54.25	74.00	-19.75	3	Horizontal	247	2.89	-
5755MHz	Pass	PK	17.28396G	62.17	68.20	-6.03	3	Horizontal	267	1.50	-
5795MHz	Pass	AV	5.789G	105.77	Inf	-Inf	3	Vertical	144	1.64	-
5795MHz	Pass	PK	5.5922G	62.05	68.20	-6.15	3	Vertical	144	1.64	-
5795MHz	Pass	PK	5.7878G	116.26	Inf	-Inf	3	Vertical	144	1.64	-
5795MHz	Pass	PK	5.9282G	62.60	68.20	-5.60	3	Vertical	144	1.64	-
5795MHz	Pass	AV	5.7974G	105.44	Inf	-Inf	3	Horizontal	320	2.71	-
5795MHz	Pass	PK	5.621G	60.94	68.20	-7.26	3	Horizontal	320	2.71	-
5795MHz	Pass	PK	5.7986G	117.12	Inf	-Inf	3	Horizontal	320	2.71	-
5795MHz	Pass	PK	5.939G	61.11	68.20	-7.09	3	Horizontal	320	2.71	-
5795MHz	Pass	AV	11.57088G	40.94	54.00	-13.06	3	Vertical	303	1.70	-





RSE TX above 1GHz\_Beamforming

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5795MHz	Pass	PK	11.57632G	53.71	74.00	-20.29	3	Vertical	303	1.70	-
5795MHz	Pass	PK	17.37244G	61.83	68.20	-6.37	3	Vertical	196	1.50	-
5795MHz	Pass	AV	11.57096G	40.82	54.00	-13.18	3	Horizontal	315	1.65	-
5795MHz	Pass	PK	11.594G	53.44	74.00	-20.56	3	Horizontal	315	1.65	-
5795MHz	Pass	PK	17.36964G	62.55	68.20	-5.65	3	Horizontal	259	1.89	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.144G	53.72	54.00	-0.28	3	Vertical	113	1.71	-
5210MHz	Pass	AV	5.211G	99.73	Inf	-Inf	3	Vertical	113	1.71	-
5210MHz	Pass	AV	5.36G	47.89	54.00	-6.11	3	Vertical	113	1.71	-
5210MHz	Pass	PK	5.135G	66.52	74.00	-7.48	3	Vertical	113	1.71	-
5210MHz	Pass	PK	5.22G	112.55	Inf	-Inf	3	Vertical	113	1.71	-
5210MHz	Pass	PK	5.353G	60.36	74.00	-13.64	3	Vertical	113	1.71	-
5210MHz	Pass	AV	5.15G	52.74	54.00	-1.26	3	Horizontal	180	2.48	-
5210MHz	Pass	AV	5.218G	94.58	Inf	-Inf	3	Horizontal	180	2.48	-
5210MHz	Pass	AV	5.358G	47.26	54.00	-6.74	3	Horizontal	180	2.48	-
5210MHz	Pass	PK	5.145G	64.76	74.00	-9.24	3	Horizontal	180	2.48	-
5210MHz	Pass	PK	5.218G	105.72	Inf	-Inf	3	Horizontal	180	2.48	-
5210MHz	Pass	PK	5.359G	59.54	74.00	-14.46	3	Horizontal	180	2.48	-
5210MHz	Pass	AV	15.62292G	46.95	54.00	-7.05	3	Vertical	285	2.09	-
5210MHz	Pass	PK	10.41084G	52.38	68.20	-15.82	3	Vertical	29	1.28	-
5210MHz	Pass	PK	15.63308G	60.32	74.00	-13.68	3	Vertical	285	2.09	-
5210MHz	Pass	AV	15.62364G	46.88	54.00	-7.12	3	Horizontal	313	2.53	-
5210MHz	Pass	PK	10.41536G	52.82	68.20	-15.38	3	Horizontal	329	1.15	-
5210MHz	Pass	PK	15.63844G	60.05	74.00	-13.95	3	Horizontal	313	2.53	-
5775MHz	Pass	AV	5.7618G	102.17	Inf	-Inf	3	Vertical	276	1.50	-
5775MHz	Pass	PK	5.6514G	67.90	69.24	-1.34	3	Vertical	276	1.50	-
5775MHz	Pass	PK	5.7642G	112.96	Inf	-Inf	3	Vertical	276	1.50	-
5775MHz	Pass	PK	5.9286G	64.45	68.20	-3.75	3	Vertical	276	1.50	-
5775MHz	Pass	AV	5.7978G	101.60	Inf	-Inf	3	Horizontal	133	3.00	-
5775MHz	Pass	PK	5.6478G	67.51	68.20	-0.69	3	Horizontal	133	3.00	-
5775MHz	Pass	PK	5.799G	113.83	Inf	-Inf	3	Horizontal	133	3.00	-
5775MHz	Pass	PK	5.9358G	67.66	68.20	-0.54	3	Horizontal	133	3.00	-
5775MHz	Pass	AV	11.54008G	40.10	54.00	-13.90	3	Vertical	34	1.92	-
5775MHz	Pass	PK	11.543G	54.03	74.00	-19.97	3	Vertical	34	1.92	-
5775MHz	Pass	PK	17.3302G	62.35	68.20	-5.85	3	Vertical	163	1.69	-
5775MHz	Pass	AV	11.54048G	40.13	54.00	-13.87	3	Horizontal	218	2.18	-
5775MHz	Pass	PK	11.55988G	52.95	74.00	-21.05	3	Horizontal	218	2.18	-
5775MHz	Pass	PK	17.3182G	62.92	68.20	-5.28	3	Horizontal	0	2.98	-
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	53.76	54.00	-0.24	3	Vertical	107	1.50	-
5210MHz	Pass	AV	5.196G	96.98	Inf	-Inf	3	Vertical	107	1.50	-
5210MHz	Pass	AV	5.352G	47.89	54.00	-6.11	3	Vertical	107	1.50	-
5210MHz	Pass	PK	5.146G	65.16	74.00	-8.84	3	Vertical	107	1.50	-
5210MHz	Pass	PK	5.213G	108.94	Inf	-Inf	3	Vertical	107	1.50	-
5210MHz	Pass	PK	5.374G	60.52	74.00	-13.48	3	Vertical	107	1.50	-
5210MHz	Pass	AV	5.15G	53.32	54.00	-0.68	3	Horizontal	333	1.38	-
5210MHz	Pass	AV	5.18G	95.01	Inf	-Inf	3	Horizontal	333	1.38	-
5210MHz	Pass	AV	5.354G	47.43	54.00	-6.57	3	Horizontal	333	1.38	-
5210MHz	Pass	PK	5.147G	66.26	74.00	-7.74	3	Horizontal	333	1.38	-
5210MHz	Pass	PK	5.181G	107.20	Inf	-Inf	3	Horizontal	333	1.38	-
5210MHz	Pass	PK	5.372G	60.43	74.00	-13.57	3	Horizontal	333	1.38	-
5210MHz	Pass	AV	15.6159G	47.23	54.00	-6.77	3	Vertical	242	1.85	-
5210MHz	Pass	PK	10.4068G	53.67	68.20	-14.53	3	Vertical	149	2.55	-
5210MHz	Pass	PK	15.6195G	60.32	74.00	-13.68	3	Vertical	242	1.85	-
5210MHz	Pass	AV	15.61992G	47.31	54.00	-6.69	3	Horizontal	130	1.20	-
5210MHz	Pass	PK	10.42462G	53.22	68.20	-14.98	3	Horizontal	312	3.00	-
5210MHz	Pass	PK	15.62664G	59.79	74.00	-14.21	3	Horizontal	130	1.20	-
5775MHz	Pass	AV	5.7426G	100.01	Inf	-Inf	3	Vertical	26	1.50	-
5775MHz	Pass	PK	5.6466G	68.00	68.20	-0.20	3	Vertical	26	1.50	-
5775MHz	Pass	PK	5.763G	112.97	Inf	-Inf	3	Vertical	26	1.50	-
5775MHz	Pass	PK	5.9286G	64.82	68.20	-3.38	3	Vertical	26	1.50	-
5775MHz	Pass	AV	5.8026G	99.28	Inf	-Inf	3	Horizontal	333	1.82	-

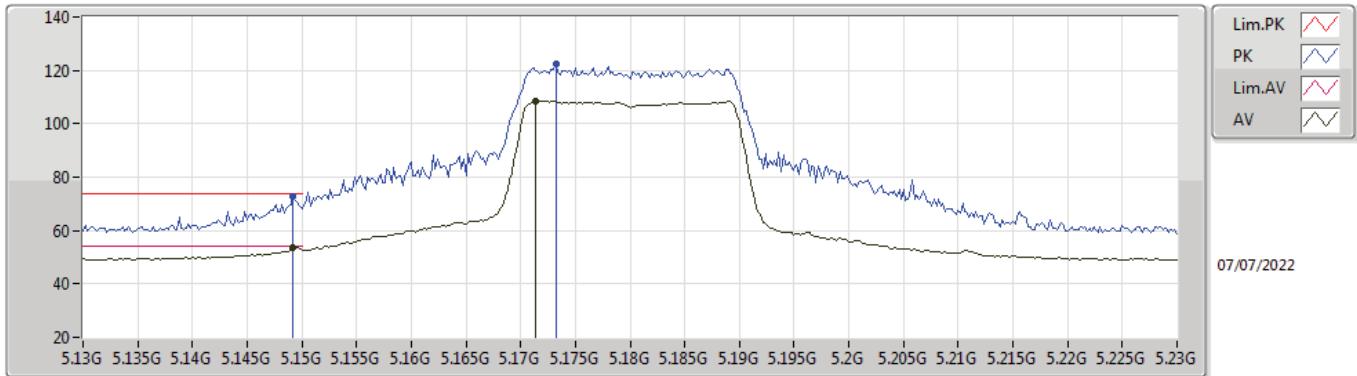




Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5775MHz	Pass	PK	5.6466G	67.33	68.20	-0.87	3	Horizontal	333	1.82	-
5775MHz	Pass	PK	5.7378G	111.18	Inf	-Inf	3	Horizontal	333	1.82	-
5775MHz	Pass	PK	5.9238G	63.43	69.09	-5.66	3	Horizontal	333	1.82	-
5775MHz	Pass	AV	11.54052G	40.63	54.00	-13.37	3	Vertical	348	2.29	-
5775MHz	Pass	PK	11.55816G	53.82	74.00	-20.18	3	Vertical	348	2.29	-
5775MHz	Pass	PK	17.33994G	61.65	68.20	-6.55	3	Vertical	231	1.85	-
5775MHz	Pass	AV	11.535G	40.69	54.00	-13.31	3	Horizontal	324	2.23	-
5775MHz	Pass	PK	11.55636G	53.86	74.00	-20.14	3	Horizontal	324	2.23	-
5775MHz	Pass	PK	17.31918G	61.80	68.20	-6.40	3	Horizontal	185	2.77	-
802.11ax HEW80-BF_Nss3(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	53.43	54.00	-0.57	3	Vertical	110	1.00	-
5210MHz	Pass	AV	5.2G	95.97	Inf	-Inf	3	Vertical	110	1.00	-
5210MHz	Pass	AV	5.364G	47.99	54.00	-6.01	3	Vertical	110	1.00	-
5210MHz	Pass	PK	5.149G	65.64	74.00	-8.36	3	Vertical	110	1.00	-
5210MHz	Pass	PK	5.209G	107.86	Inf	-Inf	3	Vertical	110	1.00	-
5210MHz	Pass	PK	5.453G	59.62	74.00	-14.38	3	Vertical	110	1.00	-
5210MHz	Pass	AV	5.15G	51.24	54.00	-2.76	3	Horizontal	306	1.83	-
5210MHz	Pass	AV	5.172G	93.06	Inf	-Inf	3	Horizontal	306	1.83	-
5210MHz	Pass	AV	5.358G	47.45	54.00	-6.55	3	Horizontal	306	1.83	-
5210MHz	Pass	PK	5.15G	62.74	74.00	-11.26	3	Horizontal	306	1.83	-
5210MHz	Pass	PK	5.2G	105.08	Inf	-Inf	3	Horizontal	306	1.83	-
5210MHz	Pass	PK	5.359G	59.13	74.00	-14.87	3	Horizontal	306	1.83	-
5210MHz	Pass	AV	15.59304G	47.49	54.00	-6.51	3	Vertical	92	1.50	-
5210MHz	Pass	PK	10.38928G	53.50	68.20	-14.70	3	Vertical	309	1.32	-
5210MHz	Pass	PK	15.59432G	59.85	74.00	-14.15	3	Vertical	92	1.50	-
5210MHz	Pass	AV	15.59352G	47.44	54.00	-6.56	3	Horizontal	68	1.50	-
5210MHz	Pass	PK	10.4376G	53.16	68.20	-15.04	3	Horizontal	256	1.34	-
5210MHz	Pass	PK	15.6356G	60.03	74.00	-13.97	3	Horizontal	68	1.50	-
5775MHz	Pass	AV	5.7438G	100.60	Inf	-Inf	3	Vertical	14	2.34	-
5775MHz	Pass	PK	5.6466G	67.34	68.20	-0.86	3	Vertical	14	2.34	-
5775MHz	Pass	PK	5.7882G	112.51	Inf	-Inf	3	Vertical	14	2.34	-
5775MHz	Pass	PK	5.9334G	63.69	68.20	-4.51	3	Vertical	14	2.34	-
5775MHz	Pass	AV	5.763G	100.11	Inf	-Inf	3	Horizontal	325	2.89	-
5775MHz	Pass	PK	5.649G	67.44	68.20	-0.76	3	Horizontal	325	2.89	-
5775MHz	Pass	PK	5.7474G	114.71	Inf	-Inf	3	Horizontal	325	2.89	-
5775MHz	Pass	PK	5.925G	63.63	68.20	-4.57	3	Horizontal	325	2.89	-
5775MHz	Pass	AV	11.51016G	40.96	54.00	-13.04	3	Vertical	38	1.72	-
5775MHz	Pass	PK	11.51976G	54.15	74.00	-19.85	3	Vertical	38	1.72	-
5775MHz	Pass	PK	17.35652G	61.67	68.20	-6.53	3	Vertical	14	1.50	-
5775MHz	Pass	AV	11.51336G	41.13	54.00	-12.87	3	Horizontal	301	2.48	-
5775MHz	Pass	PK	11.542G	53.75	74.00	-20.25	3	Horizontal	301	2.48	-
5775MHz	Pass	PK	17.33172G	62.19	68.20	-6.01	3	Horizontal	332	1.50	-

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

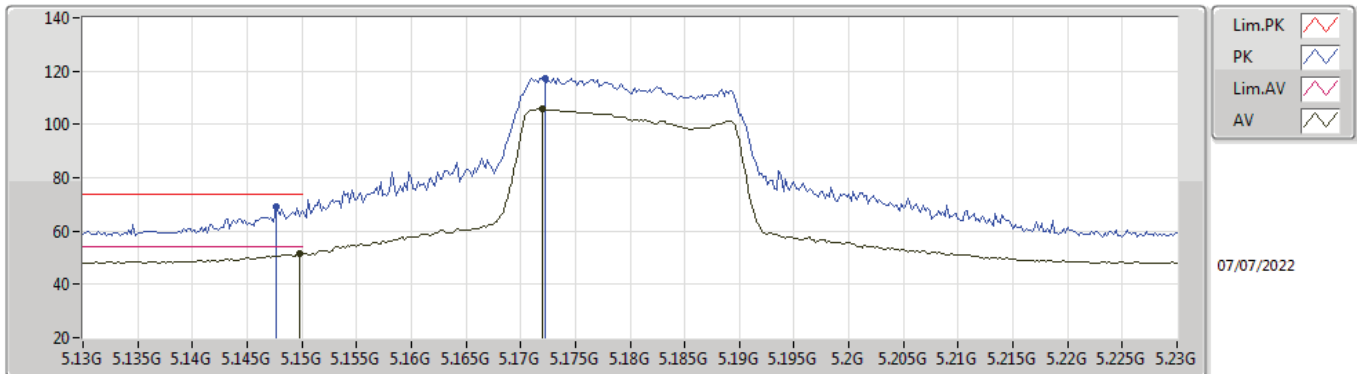
5180MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	53.70	54.00	-0.30	8.90	3	Vertical	111	1.73	-	44.80	33.20	9.83	34.13
AV	5.1714G	108.58	Inf	-Inf	8.87	3	Vertical	111	1.73	-	99.71	33.16	9.84	34.13
PK	5.1492G	72.55	74.00	-1.45	8.90	3	Vertical	111	1.73	-	63.65	33.20	9.83	34.13
PK	5.1732G	122.18	Inf	-Inf	8.87	3	Vertical	111	1.73	-	113.31	33.15	9.85	34.13

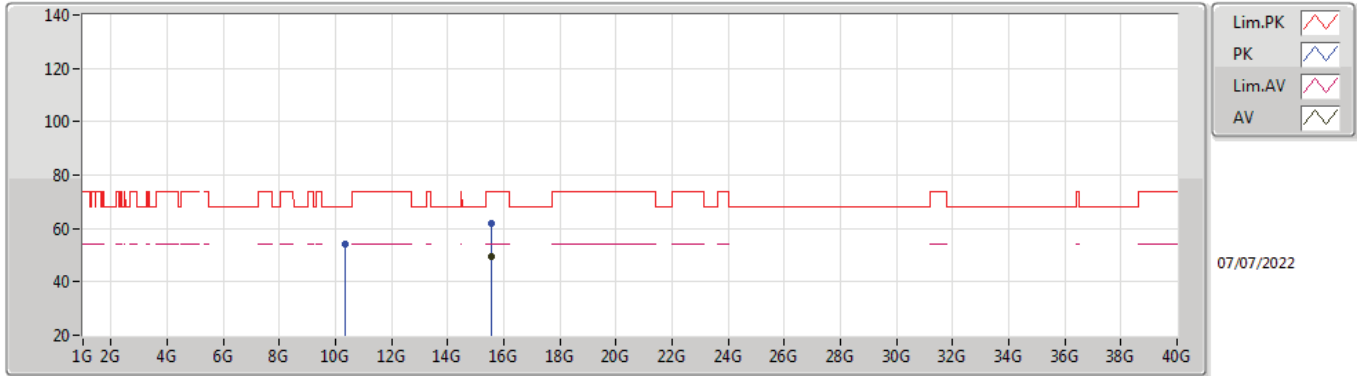
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

5180MHz\_TX



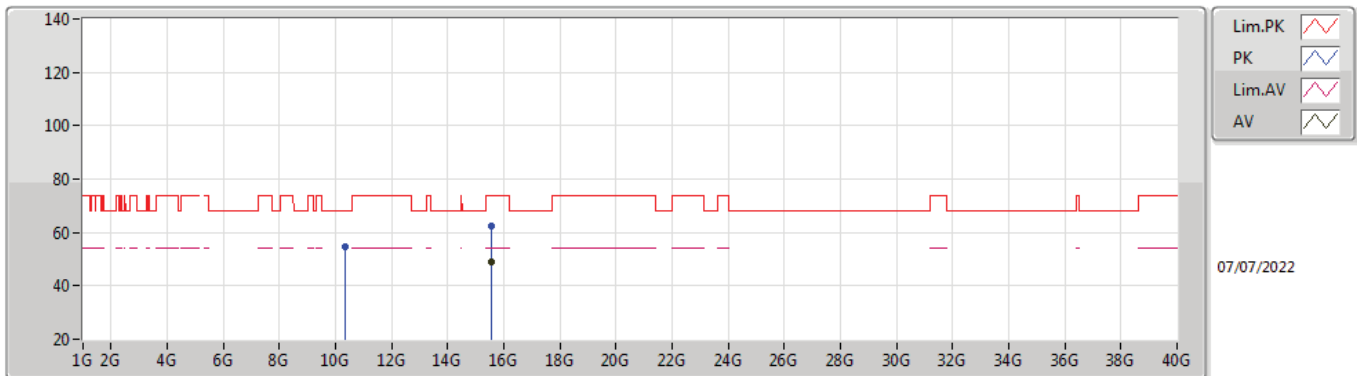
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	51.65	54.00	-2.35	8.90	3	Horizontal	178	1.50	-	42.75	33.20	9.83	34.13
AV	5.172G	105.69	Inf	-Inf	8.87	3	Horizontal	178	1.50	-	96.82	33.16	9.84	34.13
PK	5.1476G	69.16	74.00	-4.84	8.90	3	Horizontal	178	1.50	-	60.26	33.20	9.83	34.13
PK	5.1722G	117.45	Inf	-Inf	8.87	3	Horizontal	178	1.50	-	108.58	33.16	9.84	34.13

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5180MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53412G	49.37	54.00	-4.63	19.95	3	Vertical	136	1.52	-	29.42	38.70	15.68	34.43
PK	10.36036G	54.38	68.20	-13.82	16.74	3	Vertical	105	1.24	-	37.64	38.66	12.67	34.59
PK	15.54056G	62.14	74.00	-11.86	19.95	3	Vertical	136	1.52	-	42.19	38.70	15.68	34.43

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5180MHz\_TX**

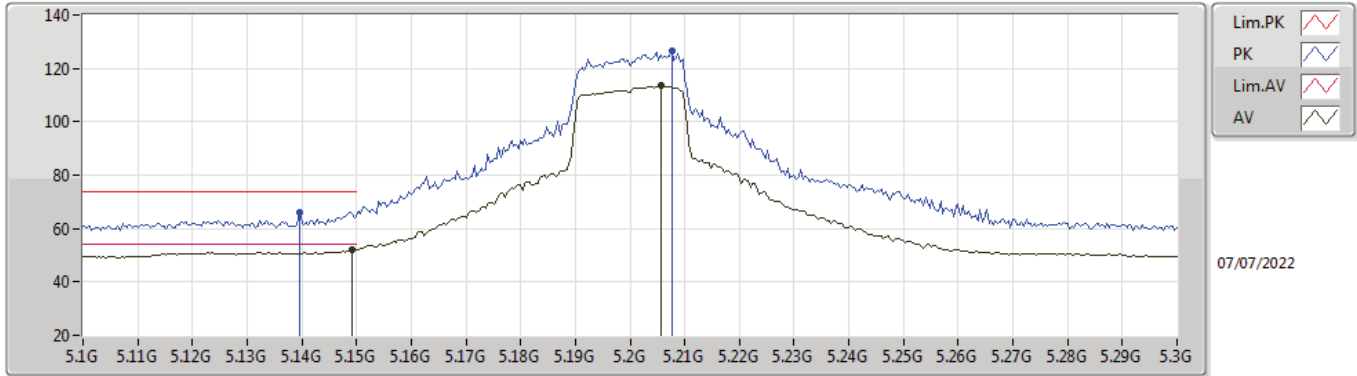


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.534G	49.06	54.00	-4.94	19.95	3	Horizontal	184	1.50	-	29.11	38.70	15.68	34.43
PK	10.3674G	54.43	68.20	-13.77	16.75	3	Horizontal	18	1.50	-	37.68	38.67	12.67	34.59
PK	15.546G	62.25	74.00	-11.75	19.94	3	Horizontal	184	1.50	-	42.31	38.70	15.68	34.44



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

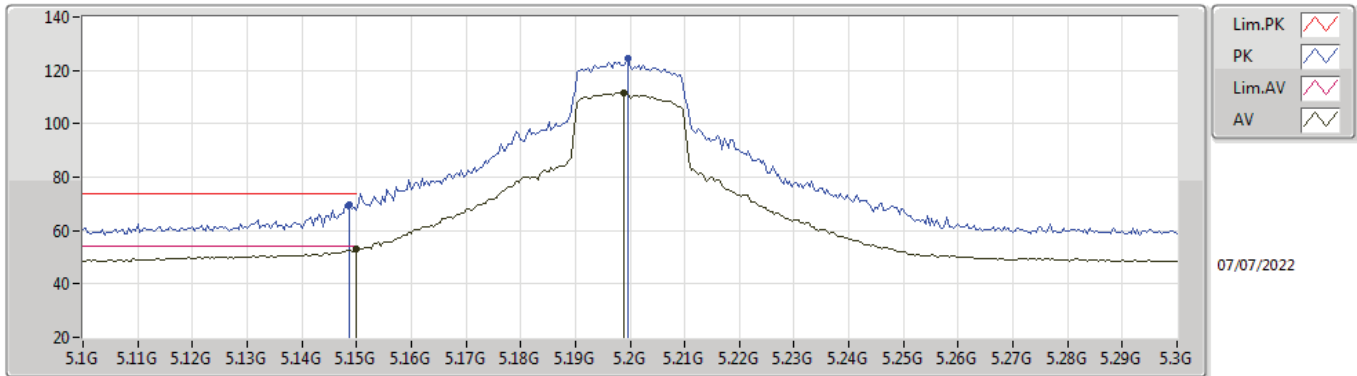
5200MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1492G	51.87	54.00	-2.13	8.90	3	Vertical	113	1.78	-	42.97	33.20	9.83	34.13
AV	5.2056G	113.40	Inf	-Inf	8.80	3	Vertical	113	1.78	-	104.60	33.08	9.86	34.14
PK	5.1396G	66.14	74.00	-7.86	8.90	3	Vertical	113	1.78	-	57.24	33.20	9.83	34.13
PK	5.2076G	126.39	Inf	-Inf	8.80	3	Vertical	113	1.78	-	117.59	33.07	9.87	34.14

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

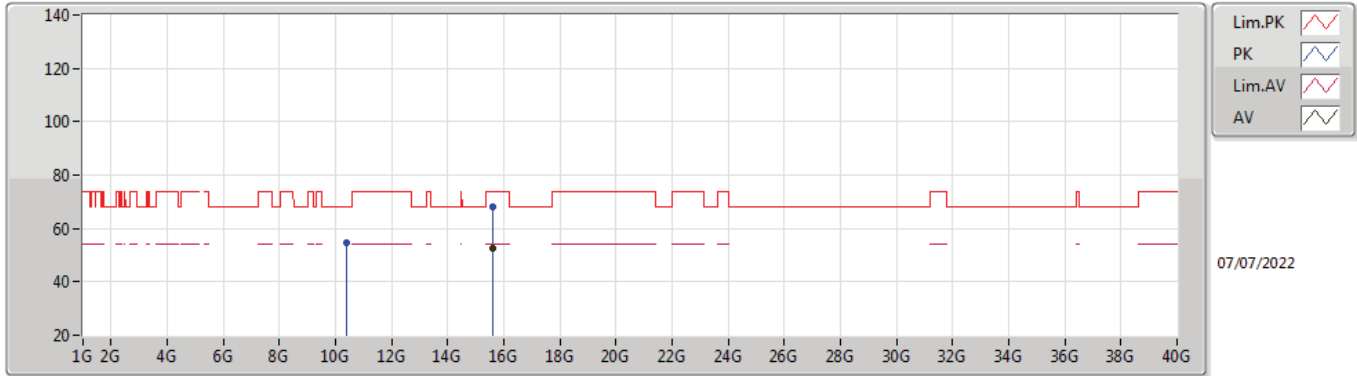
5200MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.21	54.00	-0.79	8.90	3	Horizontal	174	2.56	-	44.31	33.20	9.83	34.13
AV	5.1988G	111.72	Inf	-Inf	8.82	3	Horizontal	174	2.56	-	102.90	33.10	9.86	34.14
PK	5.1488G	69.74	74.00	-4.26	8.90	3	Horizontal	174	2.56	-	60.84	33.20	9.83	34.13
PK	5.1996G	124.41	Inf	-Inf	8.82	3	Horizontal	174	2.56	-	115.59	33.10	9.86	34.14

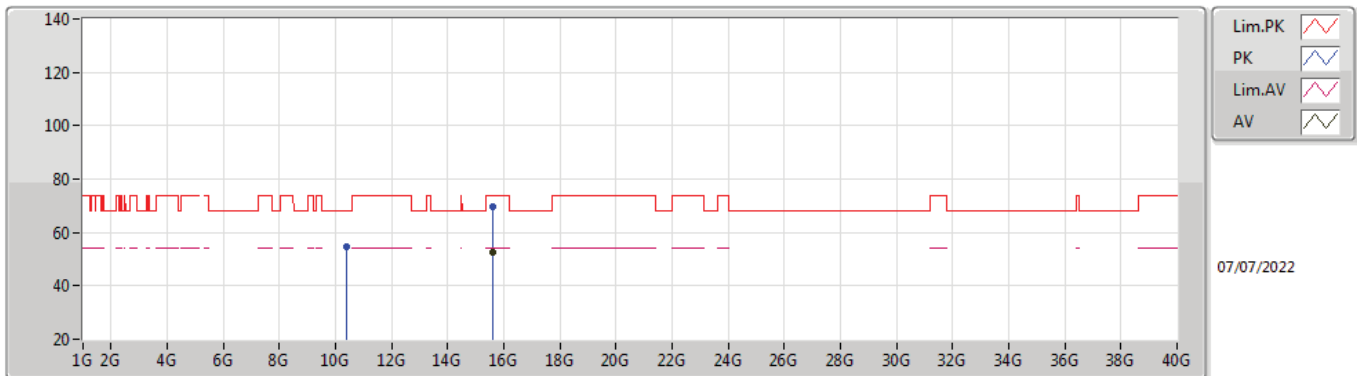


**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5200MHz\_TX**



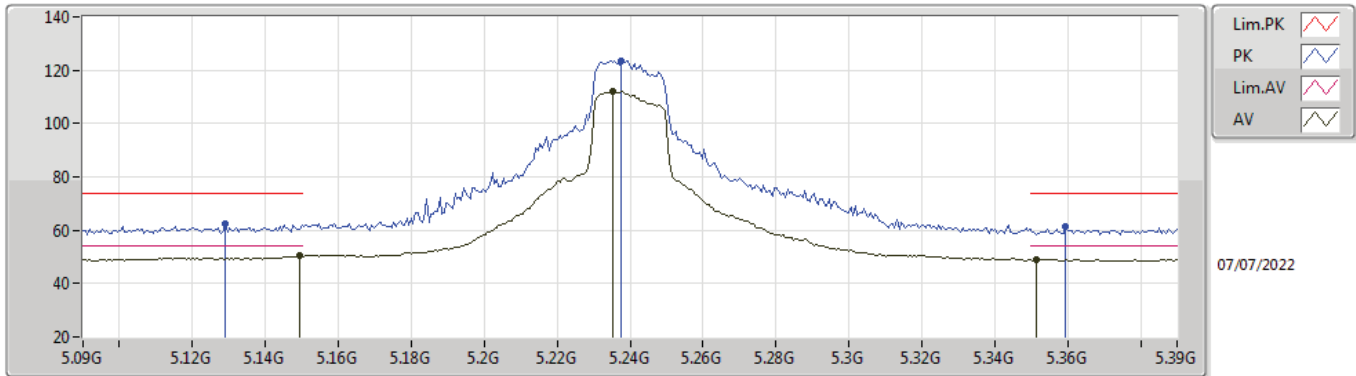
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.59668G	52.52	54.00	-1.48	19.96	3	Vertical	131	1.50	-	32.56	38.70	15.72	34.46
PK	10.39812G	54.57	68.20	-13.63	16.83	3	Vertical	227	2.39	-	37.74	38.70	12.69	34.56
PK	15.59328G	68.18	74.00	-5.82	19.96	3	Vertical	131	1.50	-	48.22	38.70	15.72	34.46

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5200MHz\_TX**



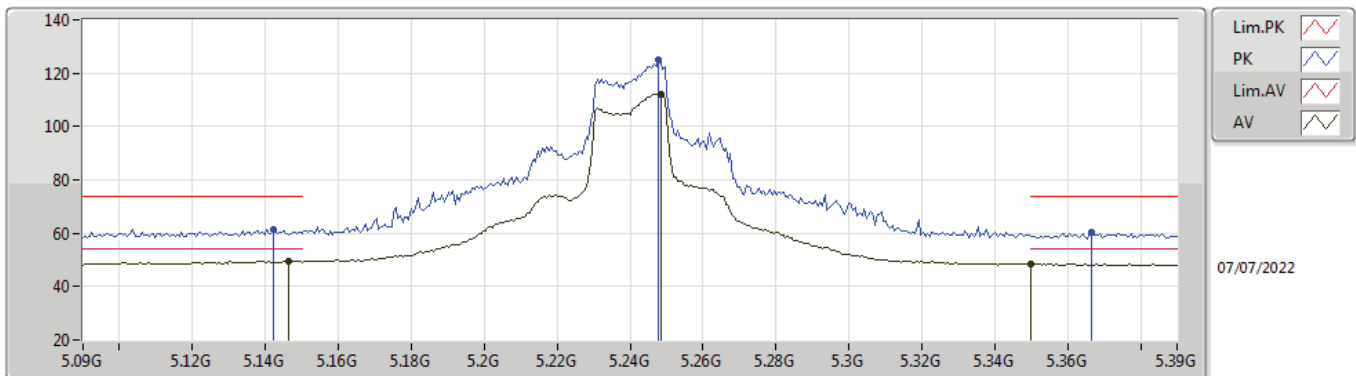
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60252G	52.42	54.00	-1.58	19.95	3	Horizontal	238	1.48	-	32.47	38.69	15.73	34.47
PK	10.39888G	54.49	68.20	-13.71	16.83	3	Horizontal	284	1.50	-	37.66	38.70	12.69	34.56
PK	15.59664G	69.43	74.00	-4.57	19.96	3	Horizontal	238	1.48	-	49.47	38.70	15.72	34.46

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	50.41	54.00	-3.59	8.90	3	Vertical	112	1.66	-	41.51	33.20	9.83	34.13
AV	5.2352G	112.08	Inf	-Inf	8.70	3	Vertical	112	1.66	-	103.38	32.96	9.88	34.14
AV	5.3516G	49.07	54.00	-4.93	8.51	3	Vertical	112	1.66	-	40.56	32.70	9.97	34.16
PK	5.129G	62.38	74.00	-11.62	8.90	3	Vertical	112	1.66	-	53.48	33.20	9.82	34.12
PK	5.2376G	123.68	Inf	-Inf	8.70	3	Vertical	112	1.66	-	114.98	32.95	9.89	34.14
PK	5.3594G	61.18	74.00	-12.82	8.53	3	Vertical	112	1.66	-	52.65	32.72	9.97	34.16

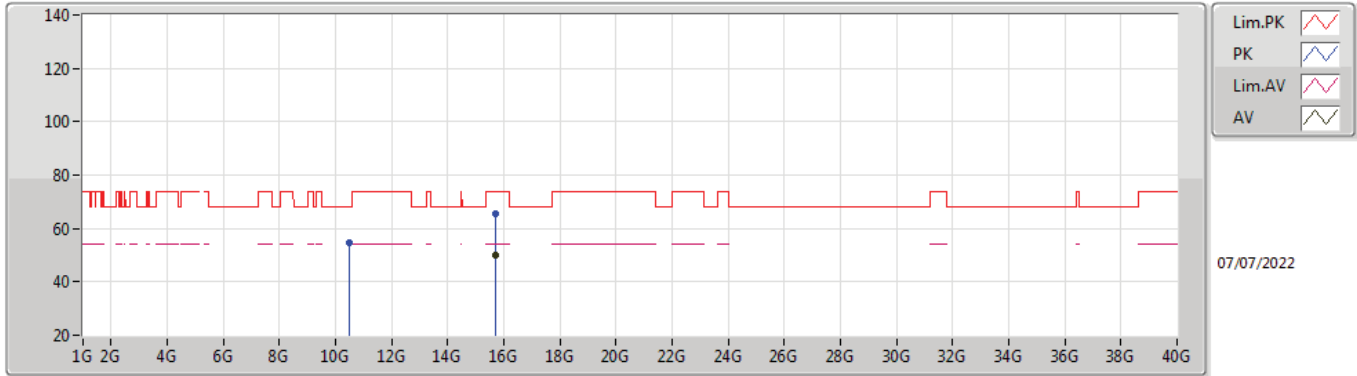
**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	49.63	54.00	-4.37	8.90	3	Horizontal	176	2.39	-	40.73	33.20	9.83	34.13
AV	5.2484G	112.29	Inf	-Inf	8.66	3	Horizontal	176	2.39	-	103.63	32.91	9.89	34.14
AV	5.35G	48.46	54.00	-5.54	8.51	3	Horizontal	176	2.39	-	39.95	32.70	9.97	34.16
PK	5.1422G	61.54	74.00	-12.46	8.90	3	Horizontal	176	2.39	-	52.64	33.20	9.83	34.13
PK	5.2478G	124.75	Inf	-Inf	8.66	3	Horizontal	176	2.39	-	116.09	32.91	9.89	34.14
PK	5.3666G	60.16	74.00	-13.84	8.54	3	Horizontal	176	2.39	-	51.62	32.73	9.98	34.17

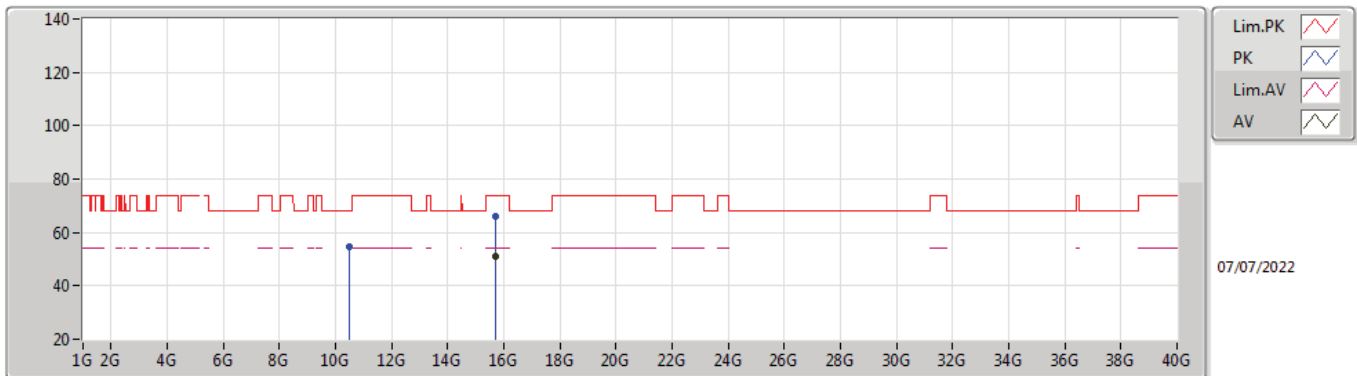


**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.72948G	49.90	54.00	-4.10	19.45	3	Vertical	131	1.50	-	30.45	38.17	15.82	34.54
PK	10.4774G	54.64	68.20	-13.56	16.83	3	Vertical	62	1.50	-	37.81	38.62	12.72	34.51
PK	15.72868G	65.40	74.00	-8.60	19.45	3	Vertical	131	1.50	-	45.95	38.17	15.82	34.54

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5240MHz\_TX**

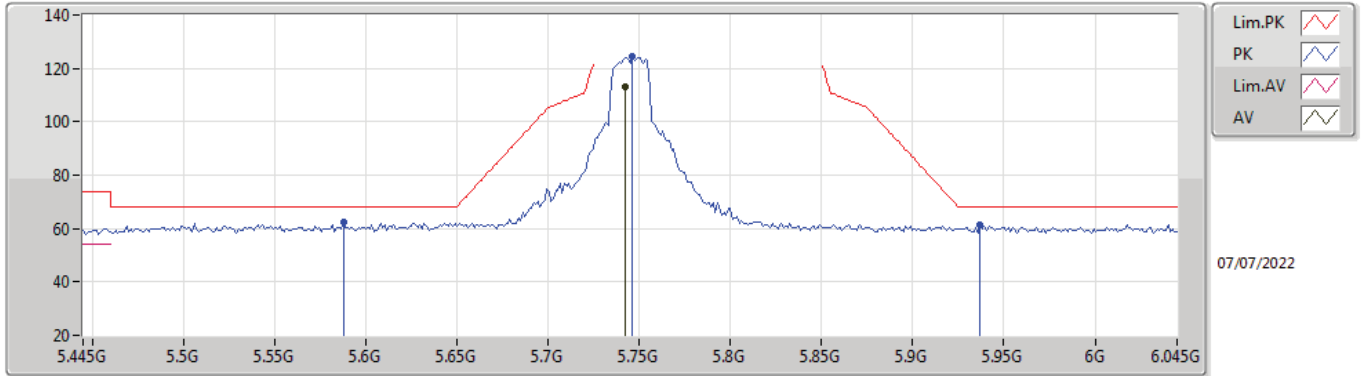


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.71456G	51.19	54.00	-2.81	19.47	3	Horizontal	295	1.50	-	31.72	38.19	15.81	34.53
PK	10.48388G	54.53	68.20	-13.67	16.84	3	Horizontal	65	2.99	-	37.69	38.62	12.72	34.50
PK	15.71192G	65.95	74.00	-8.05	19.47	3	Horizontal	295	1.50	-	46.48	38.19	15.81	34.53



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

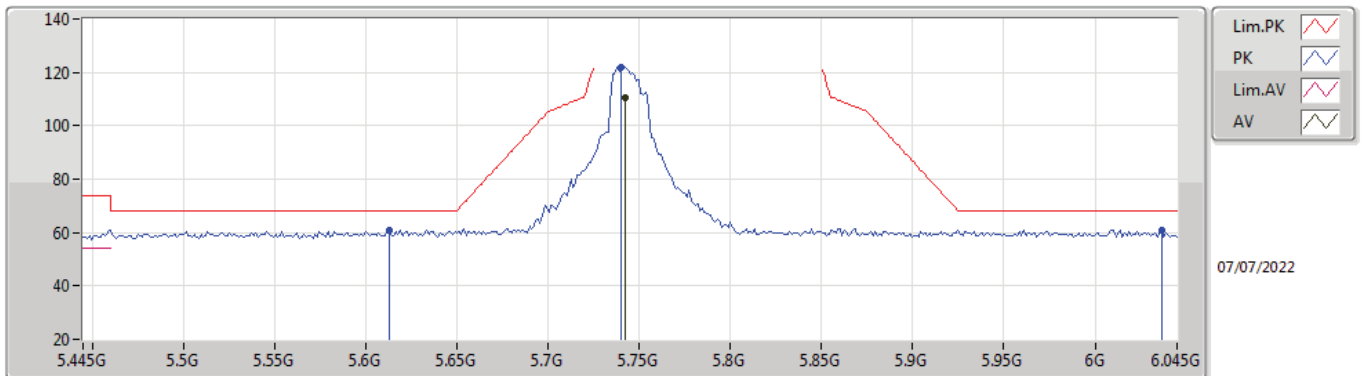
5745MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	113.03	Inf	-Inf	9.61	3	Vertical	36	2.36	-	103.42	33.66	10.15	34.20
PK	5.5878G	62.38	68.20	-5.82	8.90	3	Vertical	36	2.36	-	53.48	33.03	10.07	34.20
PK	5.7462G	124.56	Inf	-Inf	9.63	3	Vertical	36	2.36	-	114.93	33.68	10.15	34.20
PK	5.937G	61.56	68.20	-6.64	10.31	3	Vertical	36	2.36	-	51.25	34.25	10.28	34.22

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

5745MHz\_TX

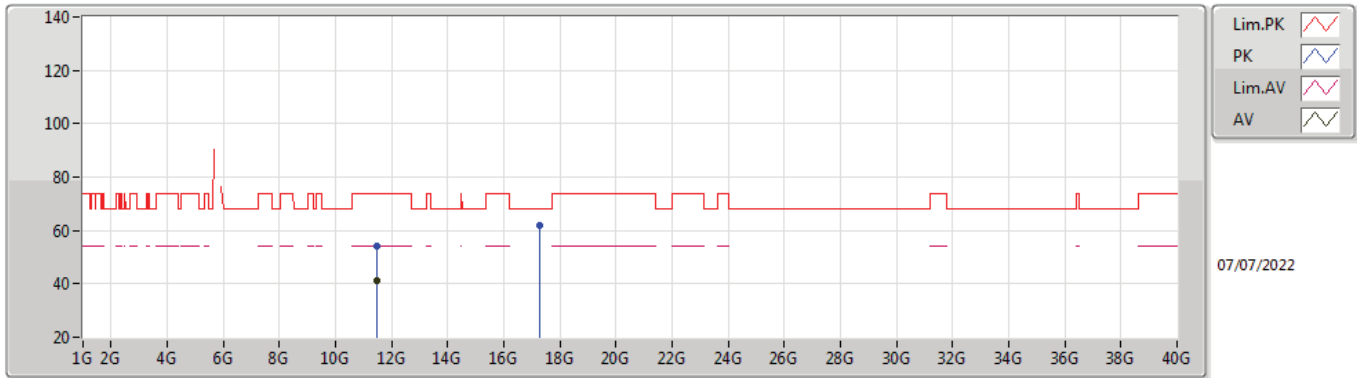


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	110.56	Inf	-Inf	9.61	3	Horizontal	346	1.56	-	100.95	33.66	10.15	34.20
PK	5.613G	61.12	68.20	-7.08	9.03	3	Horizontal	346	1.56	-	52.09	33.15	10.08	34.20
PK	5.7402G	122.14	Inf	-Inf	9.59	3	Horizontal	346	1.56	-	112.55	33.64	10.15	34.20
PK	6.0366G	61.06	68.20	-7.14	10.30	3	Horizontal	346	1.56	-	50.76	34.15	10.37	34.22



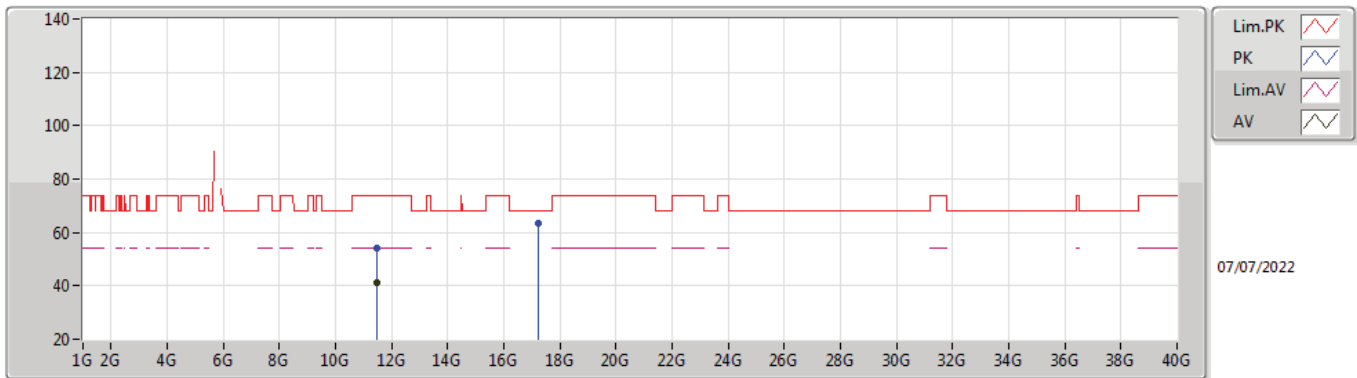


**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5745MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49872G	41.26	54.00	-12.74	17.95	3	Vertical	223	1.54	-	23.31	38.90	13.11	34.06
PK	11.48944G	54.27	74.00	-19.73	17.97	3	Vertical	223	1.54	-	36.30	38.92	13.11	34.06
PK	17.25772G	62.03	68.20	-6.17	21.53	3	Vertical	102	1.50	-	40.50	38.57	16.22	33.26

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5745MHz\_TX**

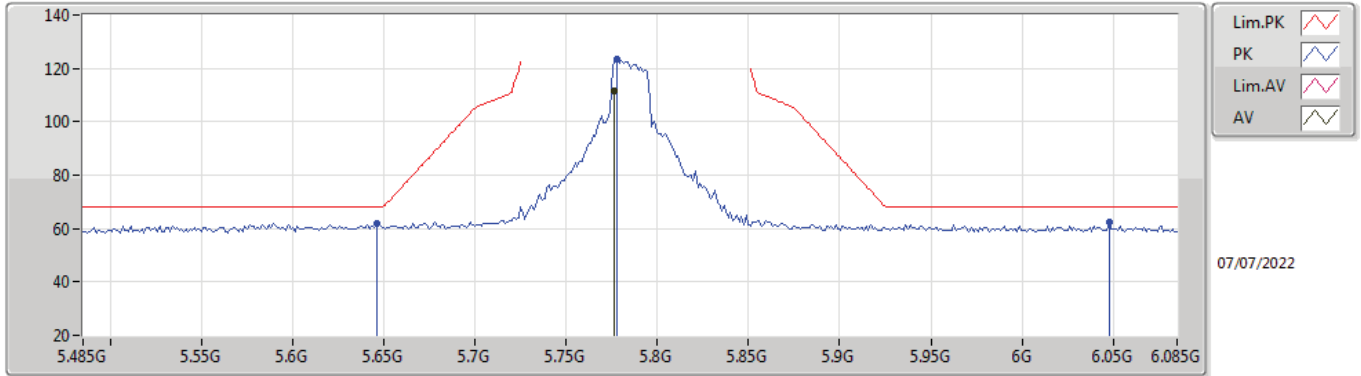


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4906G	41.30	54.00	-12.70	17.97	3	Horizontal	327	1.50	-	23.33	38.92	13.11	34.06
PK	11.48588G	53.98	74.00	-20.02	17.98	3	Horizontal	327	1.50	-	36.00	38.93	13.11	34.06
PK	17.23944G	63.32	68.20	-4.88	21.47	3	Horizontal	115	1.51	-	41.85	38.52	16.22	33.27



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

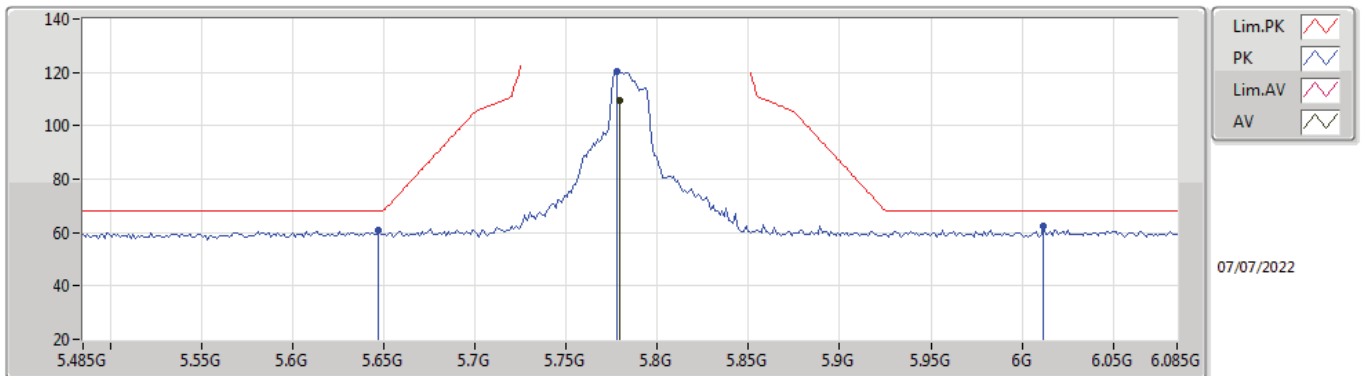
5785MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7766G	111.66	Inf	-Inf	9.71	3	Vertical	281	1.74	-	101.95	33.75	10.17	34.21
PK	5.6458G	61.70	68.20	-6.50	9.18	3	Vertical	281	1.74	-	52.52	33.28	10.10	34.20
PK	5.7778G	123.46	Inf	-Inf	9.72	3	Vertical	281	1.74	-	113.74	33.76	10.17	34.21
PK	6.0478G	62.17	68.20	-6.03	10.35	3	Vertical	281	1.74	-	51.82	34.19	10.38	34.22

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

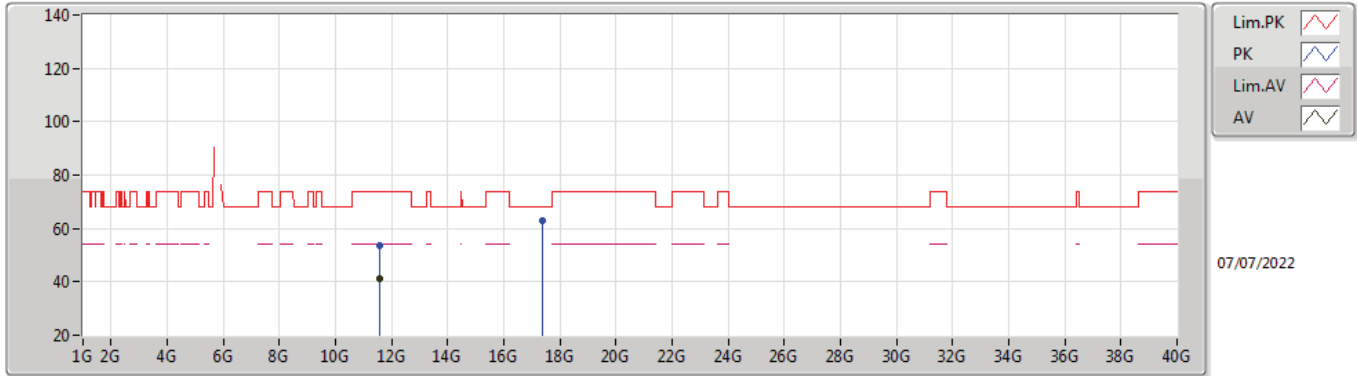
5785MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.779G	109.30	Inf	-Inf	9.72	3	Horizontal	352	1.32	-	99.58	33.76	10.17	34.21
PK	5.647G	60.80	68.20	-7.40	9.19	3	Horizontal	352	1.32	-	51.61	33.29	10.10	34.20
PK	5.7778G	120.31	Inf	-Inf	9.72	3	Horizontal	352	1.32	-	110.59	33.76	10.17	34.21
PK	6.0118G	62.21	68.20	-5.99	10.17	3	Horizontal	352	1.32	-	52.04	34.05	10.34	34.22

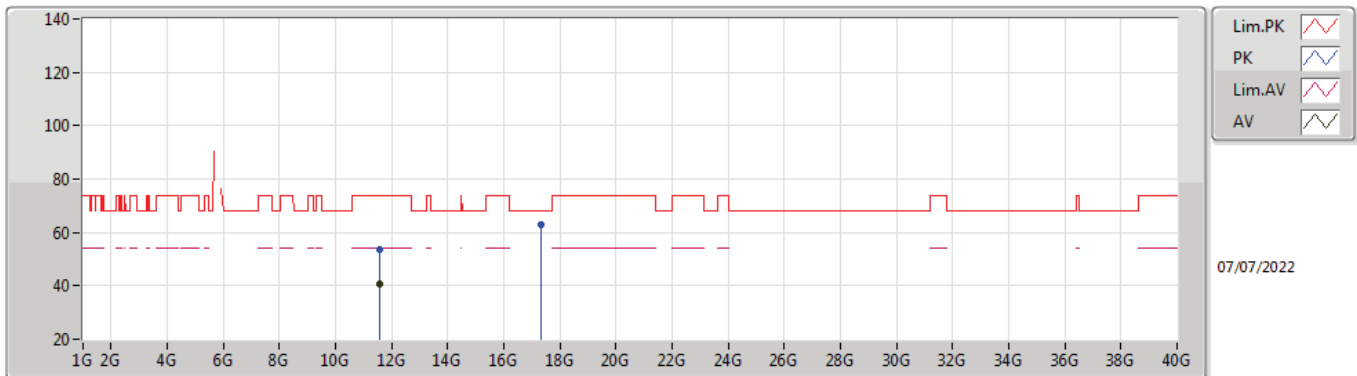


**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5785MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.57392G	41.00	54.00	-13.00	17.79	3	Vertical	172	1.12	-	23.21	38.75	13.14	34.10
PK	11.57608G	53.55	74.00	-20.45	17.79	3	Vertical	172	1.12	-	35.76	38.75	13.14	34.10
PK	17.35928G	62.94	68.20	-5.26	21.88	3	Vertical	230	1.60	-	41.06	38.88	16.24	33.24

**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5785MHz\_TX**

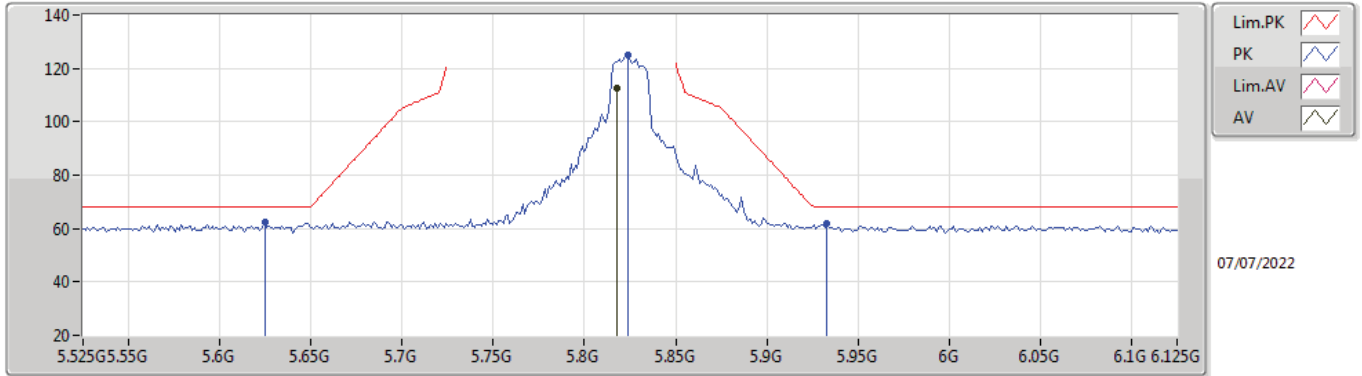


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.566G	40.80	54.00	-13.20	17.81	3	Horizontal	262	1.87	-	22.99	38.77	13.14	34.10
PK	11.57788G	53.38	74.00	-20.62	17.79	3	Horizontal	262	1.87	-	35.59	38.74	13.15	34.10
PK	17.34972G	62.99	68.20	-5.21	21.85	3	Horizontal	25	1.11	-	41.14	38.85	16.24	33.24



802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

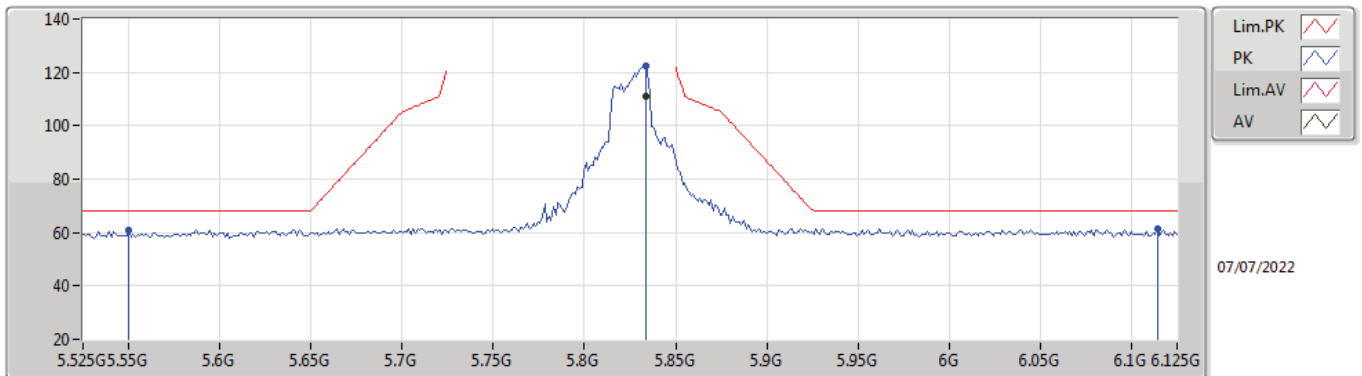
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8178G	112.64	Inf	-Inf	9.89	3	Vertical	44	2.63	-	102.75	33.91	10.19	34.21
PK	5.6246G	62.44	68.20	-5.76	9.08	3	Vertical	44	2.63	-	53.36	33.20	10.08	34.20
PK	5.8238G	124.95	Inf	-Inf	9.93	3	Vertical	44	2.63	-	115.02	33.94	10.20	34.21
PK	5.933G	61.79	68.20	-6.41	10.29	3	Vertical	44	2.63	-	51.50	34.23	10.28	34.22

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

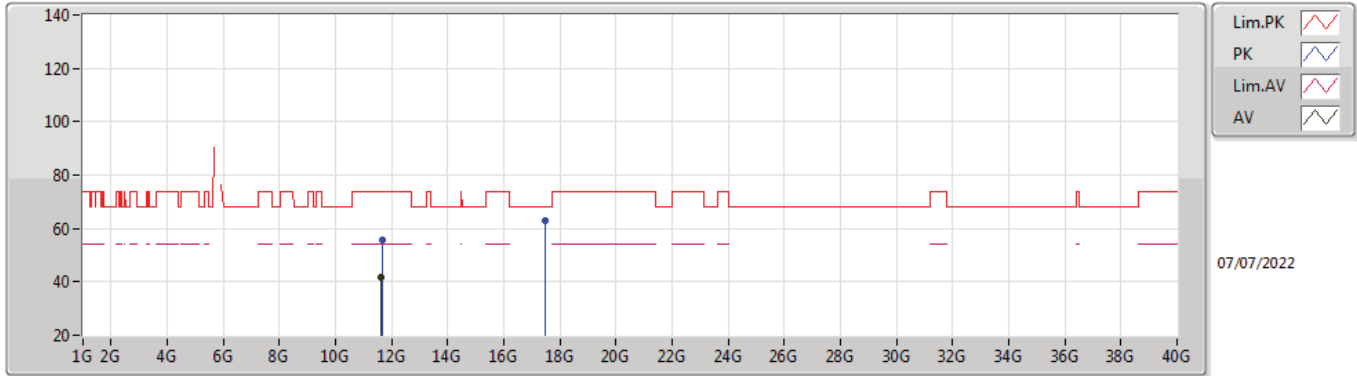
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8334G	111.02	Inf	-Inf	10.00	3	Horizontal	327	1.27	-	101.02	34.00	10.21	34.21
PK	5.5502G	60.92	68.20	-7.28	8.66	3	Horizontal	327	1.27	-	52.26	32.80	10.05	34.19
PK	5.8334G	122.17	Inf	-Inf	10.00	3	Horizontal	327	1.27	-	112.17	34.00	10.21	34.21
PK	6.1142G	61.60	68.20	-6.60	10.31	3	Horizontal	327	1.27	-	51.29	34.10	10.44	34.23

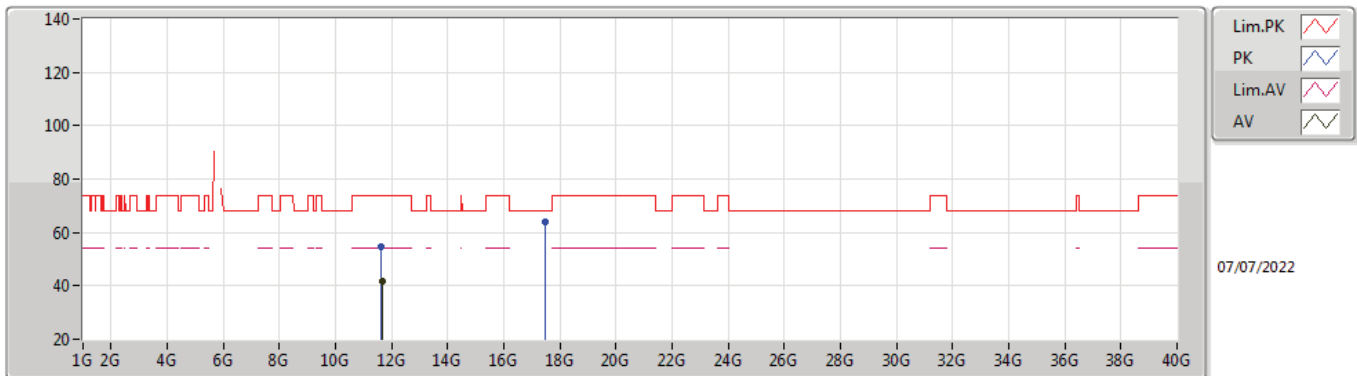


**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5825MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64544G	41.70	54.00	-12.30	17.68	3	Vertical	0	3.00	-	24.02	38.65	13.17	34.14
PK	11.65756G	55.46	74.00	-18.54	17.67	3	Vertical	0	3.00	-	37.79	38.64	13.18	34.15
PK	17.4858G	62.97	68.20	-5.23	22.23	3	Vertical	177	1.01	-	40.74	39.17	16.26	33.20

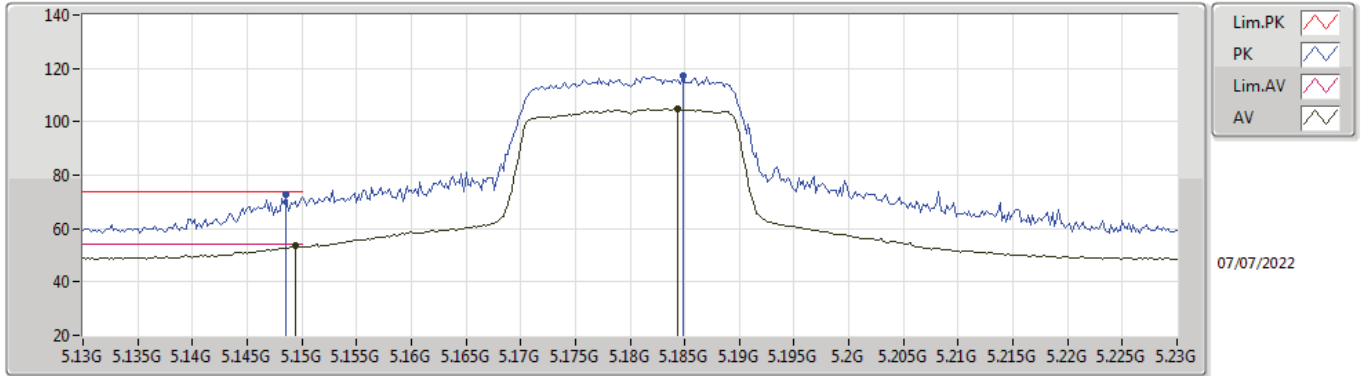
**802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX  
5825MHz\_TX**



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.6598G	41.86	54.00	-12.14	17.67	3	Horizontal	218	1.50	-	24.19	38.64	13.18	34.15
PK	11.6196G	54.44	74.00	-19.56	17.72	3	Horizontal	218	1.50	-	36.72	38.68	13.16	34.12
PK	17.4786G	64.13	68.20	-4.07	22.21	3	Horizontal	267	1.49	-	41.92	39.16	16.26	33.21

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

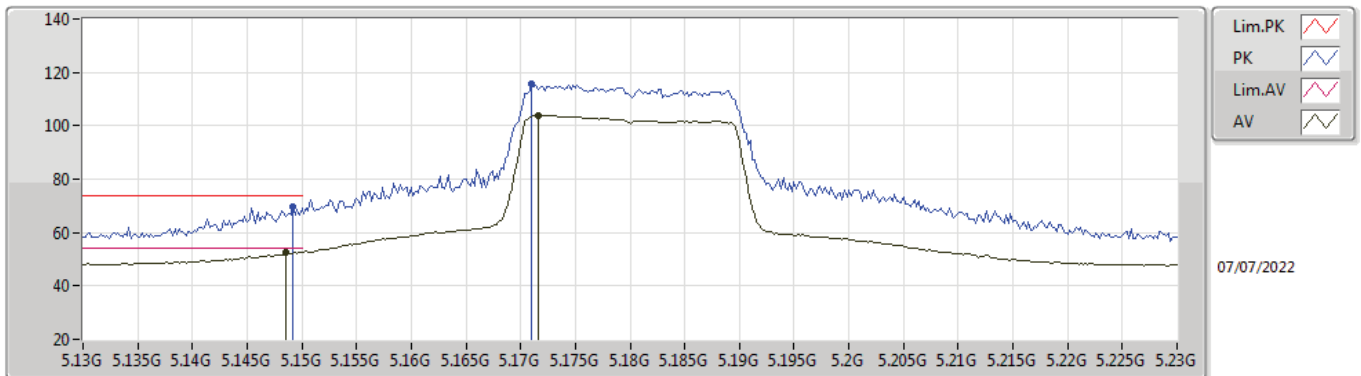
5180MHz\_TX



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	5.1494G	53.38	54.00	-0.62	8.90	3	Vertical	138	1.53	-	44.48	33.20	9.83	34.13
AV	5.1844G	105.05	Inf	-Inf	8.85	3	Vertical	138	1.53	-	96.20	33.13	9.85	34.13
PK	5.1486G	72.75	74.00	-1.25	8.90	3	Vertical	138	1.53	-	63.85	33.20	9.83	34.13
PK	5.1848G	117.33	Inf	-Inf	8.85	3	Vertical	138	1.53	-	108.48	33.13	9.85	34.13

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

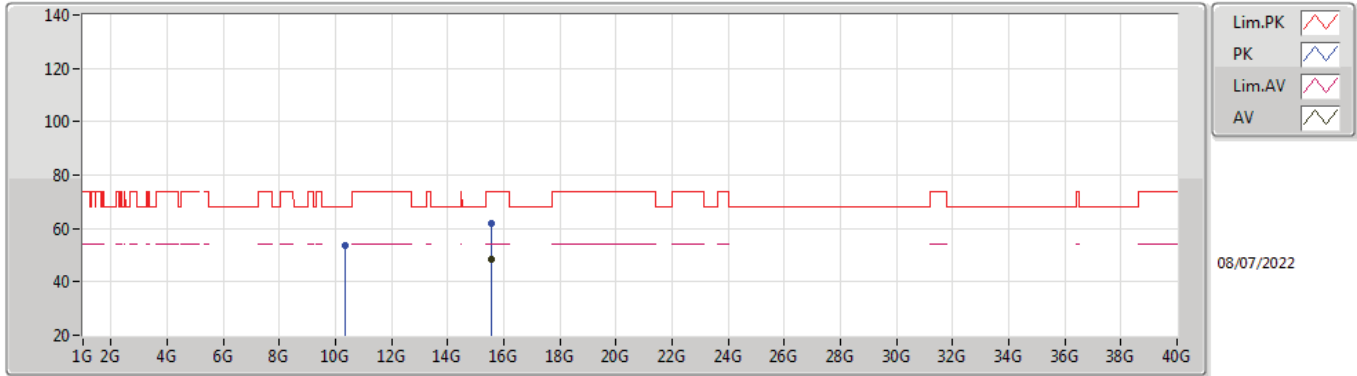
5180MHz\_TX



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	5.1486G	52.52	54.00	-1.48	8.90	3	Horizontal	318	1.34	-	43.62	33.20	9.83	34.13
AV	5.1716G	103.97	Inf	-Inf	8.87	3	Horizontal	318	1.34	-	95.10	33.16	9.84	34.13
PK	5.1492G	69.68	74.00	-4.32	8.90	3	Horizontal	318	1.34	-	60.78	33.20	9.83	34.13
PK	5.171G	115.54	Inf	-Inf	8.87	3	Horizontal	318	1.34	-	106.67	33.16	9.84	34.13

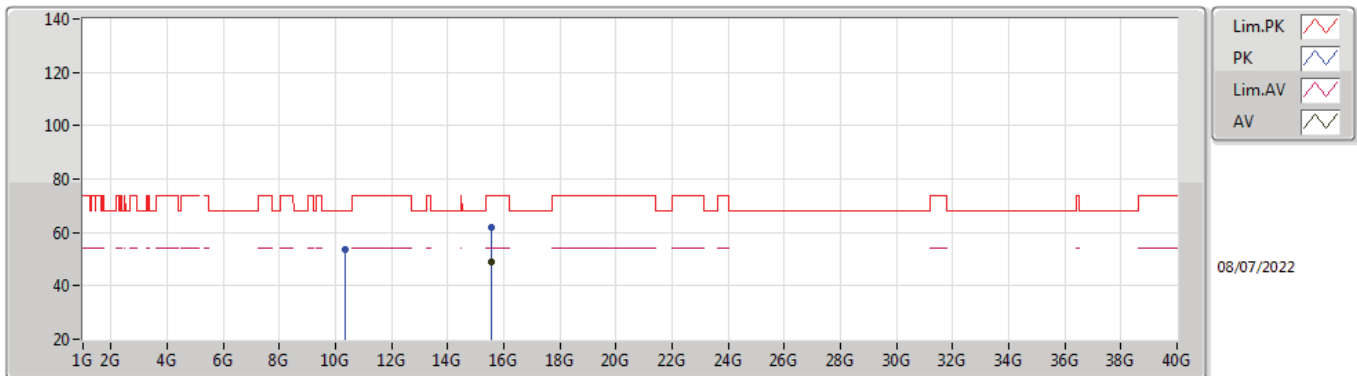


**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5180MHz\_TX**



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	15.53628G	48.70	54.00	-5.30	19.95	3	Vertical	237	1.45	-	28.75	38.70	15.68	34.43
PK	10.35044G	53.84	68.20	-14.36	16.72	3	Vertical	267	1.50	-	37.12	38.65	12.67	34.60
PK	15.53808G	61.98	74.00	-12.02	19.95	3	Vertical	237	1.45	-	42.03	38.70	15.68	34.43

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5180MHz\_TX**

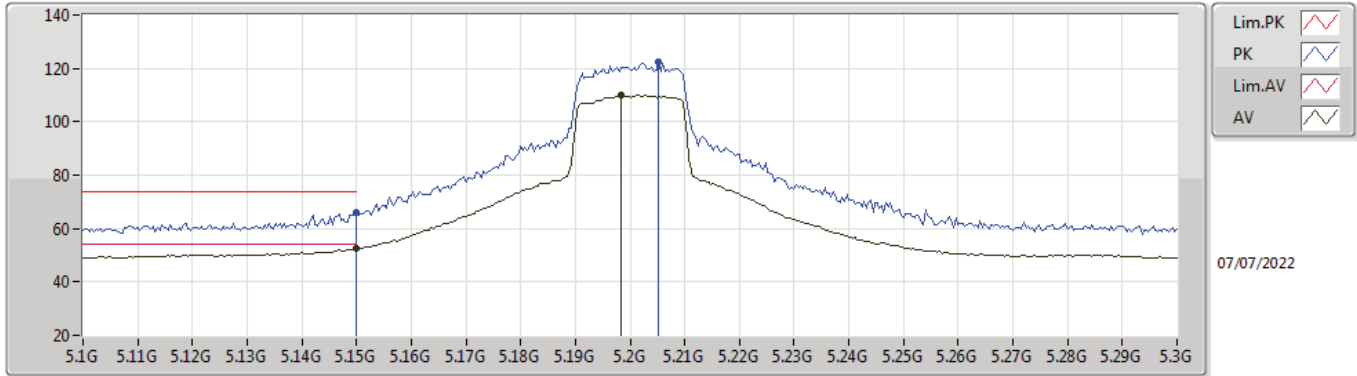


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.53768G	48.92	54.00	-5.08	19.95	3	Horizontal	256	1.50	-	28.97	38.70	15.68	34.43
PK	10.36476G	53.70	68.20	-14.50	16.74	3	Horizontal	75	2.59	-	36.96	38.66	12.67	34.59
PK	15.53784G	61.73	74.00	-12.27	19.95	3	Horizontal	256	1.50	-	41.78	38.70	15.68	34.43



802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

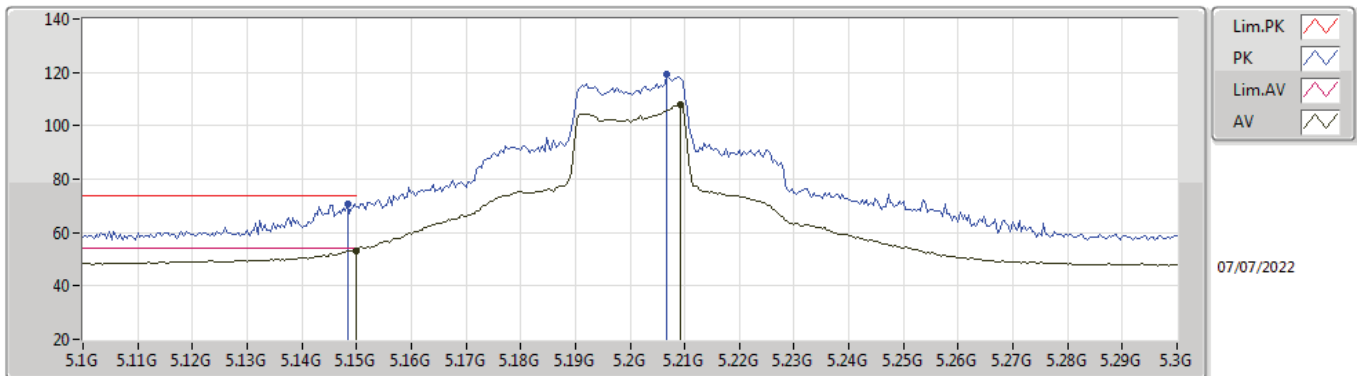
5200MHz\_TX



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	52.52	54.00	-1.48	8.90	3	Vertical	110	1.61	-	43.62	33.20	9.83	34.13
AV	5.1984G	109.88	Inf	-Inf	8.82	3	Vertical	110	1.61	-	101.06	33.10	9.86	34.14
PK	5.15G	65.96	74.00	-8.04	8.90	3	Vertical	110	1.61	-	57.06	33.20	9.83	34.13
PK	5.2052G	122.54	Inf	-Inf	8.80	3	Vertical	110	1.61	-	113.74	33.08	9.86	34.14

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

5200MHz\_TX

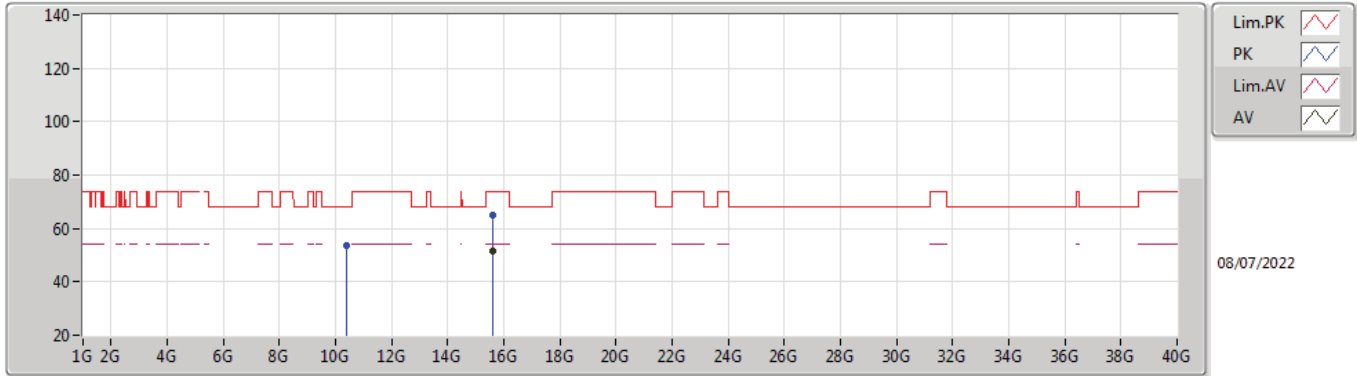


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.26	54.00	-0.74	8.90	3	Horizontal	112	2.56	-	44.36	33.20	9.83	34.13
AV	5.2092G	107.80	Inf	-Inf	8.79	3	Horizontal	112	2.56	-	99.01	33.06	9.87	34.14
PK	5.1484G	70.91	74.00	-3.09	8.90	3	Horizontal	112	2.56	-	62.01	33.20	9.83	34.13
PK	5.2068G	119.16	Inf	-Inf	8.79	3	Horizontal	112	2.56	-	110.37	33.07	9.86	34.14



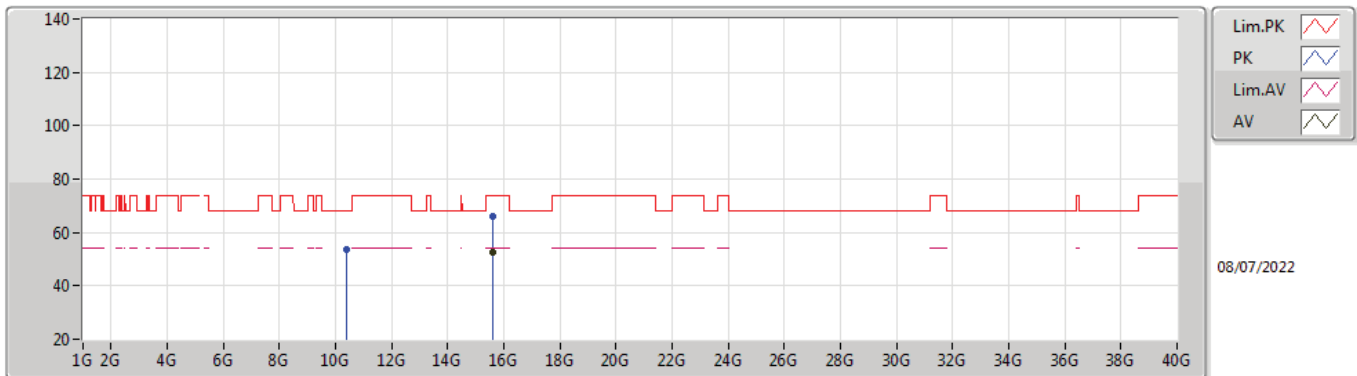


**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5200MHz\_TX**



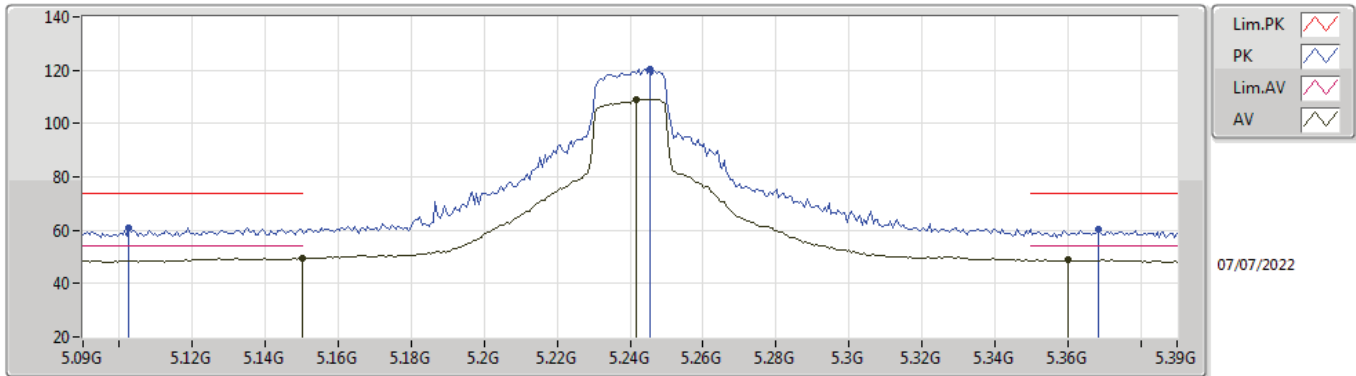
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.604G	51.60	54.00	-2.40	19.94	3	Vertical	132	1.47	-	31.66	38.68	15.73	34.47
PK	10.3798G	53.53	68.20	-14.67	16.78	3	Vertical	221	2.75	-	36.75	38.68	12.68	34.58
PK	15.5925G	65.19	74.00	-8.81	19.96	3	Vertical	132	1.47	-	45.23	38.70	15.72	34.46

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5200MHz\_TX**



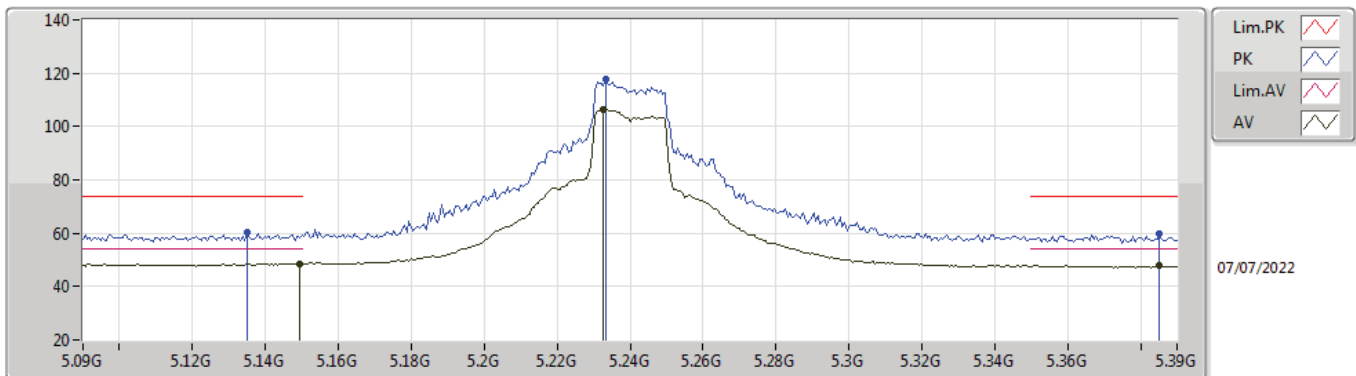
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5998G	52.63	54.00	-1.37	19.95	3	Horizontal	243	1.50	-	32.68	38.70	15.72	34.47
PK	10.40928G	53.56	68.20	-14.64	16.82	3	Horizontal	99	1.50	-	36.74	38.69	12.69	34.56
PK	15.606G	66.01	74.00	-7.99	19.93	3	Horizontal	243	1.50	-	46.08	38.67	15.73	34.47

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5240MHz\_TX**



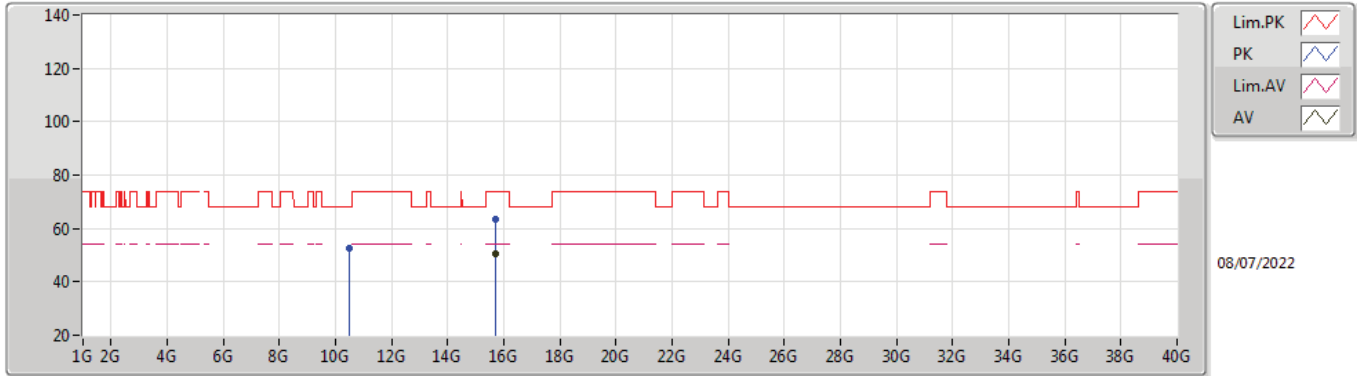
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	49.42	54.00	-4.58	8.90	3	Vertical	148	1.57	-	40.52	33.20	9.83	34.13
AV	5.2418G	109.08	Inf	-Inf	8.68	3	Vertical	148	1.57	-	100.40	32.93	9.89	34.14
AV	5.36G	48.83	54.00	-5.17	8.53	3	Vertical	148	1.57	-	40.30	32.72	9.97	34.16
PK	5.1026G	60.77	74.00	-13.23	8.89	3	Vertical	148	1.57	-	51.88	33.20	9.81	34.12
PK	5.2454G	120.35	Inf	-Inf	8.67	3	Vertical	148	1.57	-	111.68	32.92	9.89	34.14
PK	5.3684G	60.49	74.00	-13.51	8.55	3	Vertical	148	1.57	-	51.94	32.74	9.98	34.17

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5240MHz\_TX**



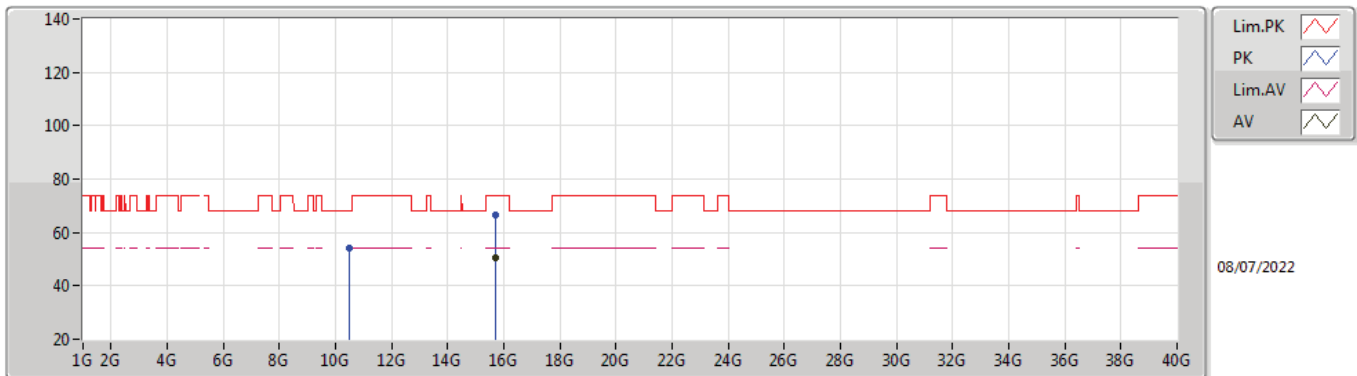
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1494G	48.66	54.00	-5.34	8.90	3	Horizontal	149	1.50	-	39.76	33.20	9.83	34.13
AV	5.2328G	106.56	Inf	-Inf	8.71	3	Horizontal	149	1.50	-	97.85	32.97	9.88	34.14
AV	5.3852G	47.81	54.00	-6.19	8.59	3	Horizontal	149	1.50	-	39.22	32.77	9.99	34.17
PK	5.135G	60.26	74.00	-13.74	8.90	3	Horizontal	149	1.50	-	51.36	33.20	9.82	34.12
PK	5.2334G	117.52	Inf	-Inf	8.71	3	Horizontal	149	1.50	-	108.81	32.97	9.88	34.14
PK	5.3852G	59.72	74.00	-14.28	8.59	3	Horizontal	149	1.50	-	51.13	32.77	9.99	34.17

**802.11ax HEW20-BF\_Nss2,(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	15.7162G	50.69	54.00	-3.31	19.46	3	Vertical	217	1.86	-	31.23	38.18	15.81	34.53
PK	10.4804G	52.78	68.20	-15.42	16.84	3	Vertical	199	1.05	-	35.94	38.62	12.72	34.50
PK	15.7145G	63.60	74.00	-10.40	19.47	3	Vertical	217	1.86	-	44.13	38.19	15.81	34.53

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5240MHz\_TX**

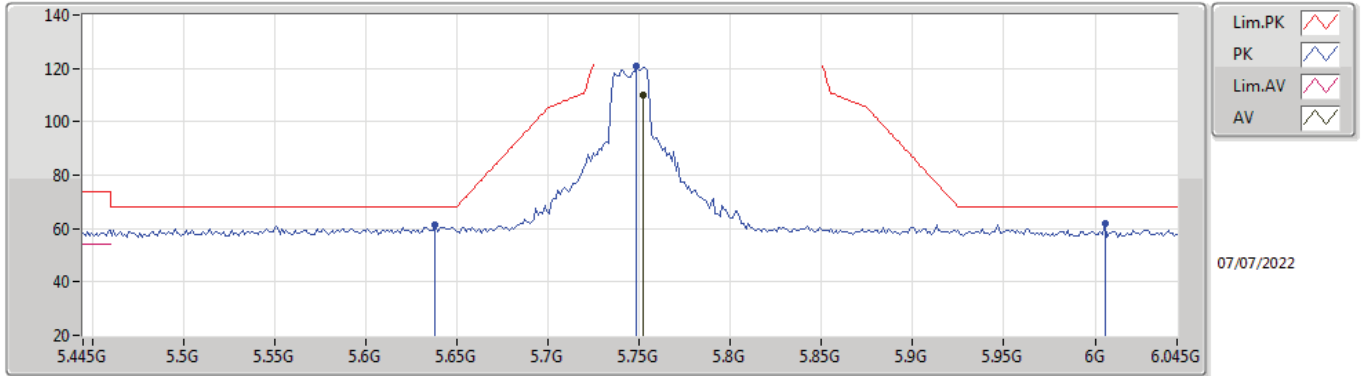


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7106G	50.61	54.00	-3.39	19.47	3	Horizontal	209	1.50	-	31.14	38.19	15.81	34.53
PK	10.5043G	54.16	68.20	-14.04	16.85	3	Horizontal	140	1.35	-	37.31	38.61	12.73	34.49
PK	15.712G	66.37	74.00	-7.63	19.47	3	Horizontal	209	1.50	-	46.90	38.19	15.81	34.53



802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

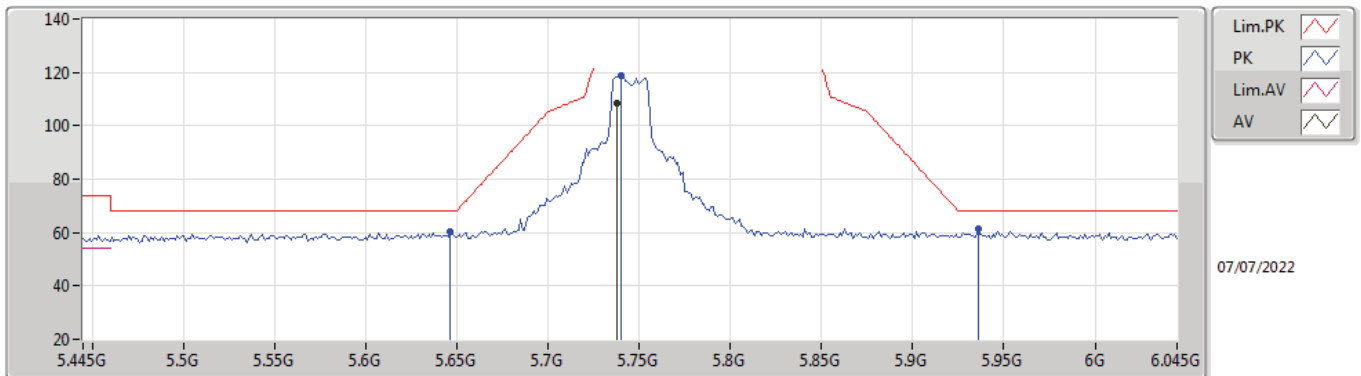
5745MHz\_TX



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	5.7522G	109.95	Inf	-Inf	9.64	3	Vertical	19	2.50	-	100.31	33.70	10.15	34.21
PK	5.6382G	61.59	68.20	-6.61	9.14	3	Vertical	19	2.50	-	52.45	33.25	10.09	34.20
PK	5.7486G	120.69	Inf	-Inf	9.64	3	Vertical	19	2.50	-	111.05	33.69	10.15	34.20
PK	6.0054G	61.99	68.20	-6.21	10.14	3	Vertical	19	2.50	-	51.85	34.02	10.34	34.22

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

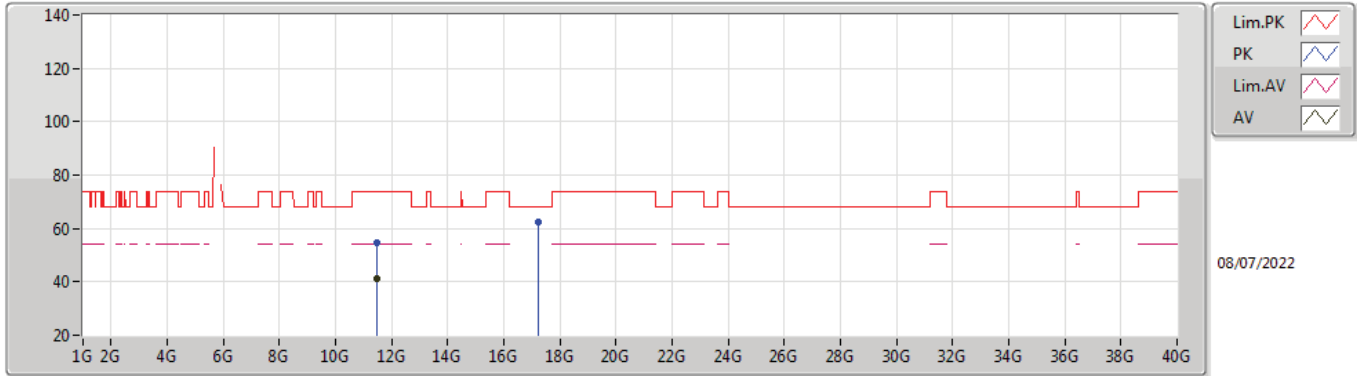
5745MHz\_TX



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	5.7378G	108.47	Inf	-Inf	9.58	3	Horizontal	138	1.50	-	98.89	33.63	10.15	34.20
PK	5.6466G	60.17	68.20	-8.03	9.19	3	Horizontal	138	1.50	-	50.98	33.29	10.10	34.20
PK	5.7402G	118.55	Inf	-Inf	9.59	3	Horizontal	138	1.50	-	108.96	33.64	10.15	34.20
PK	5.9358G	61.50	68.20	-6.70	10.30	3	Horizontal	138	1.50	-	51.20	34.24	10.28	34.22

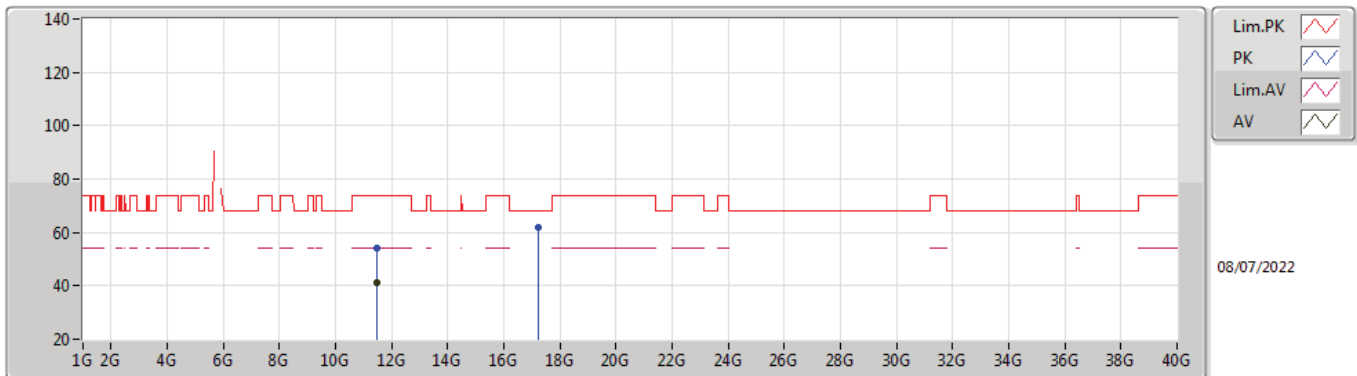


**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5745MHz\_TX**



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	11.4979G	41.36	54.00	-12.64	17.95	3	Vertical	73	2.69	-	23.41	38.90	13.11	34.06
PK	11.4993G	54.45	74.00	-19.55	17.95	3	Vertical	73	2.69	-	36.50	38.90	13.11	34.06
PK	17.23G	62.19	68.20	-6.01	21.44	3	Vertical	228	1.50	-	40.75	38.49	16.22	33.27

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5745MHz\_TX**

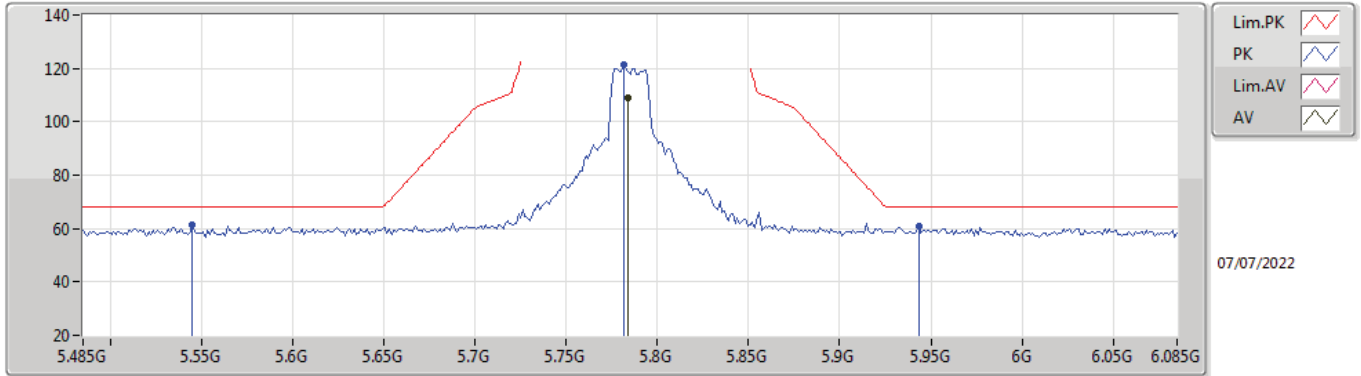


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.4955G	41.13	54.00	-12.87	17.96	3	Horizontal	253	2.76	-	23.17	38.91	13.11	34.06
PK	11.4848G	54.13	74.00	-19.87	17.98	3	Horizontal	253	2.76	-	36.15	38.93	13.11	34.06
PK	17.2129G	62.02	68.20	-6.18	21.38	3	Horizontal	0	2.48	-	40.64	38.44	16.21	33.27



802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

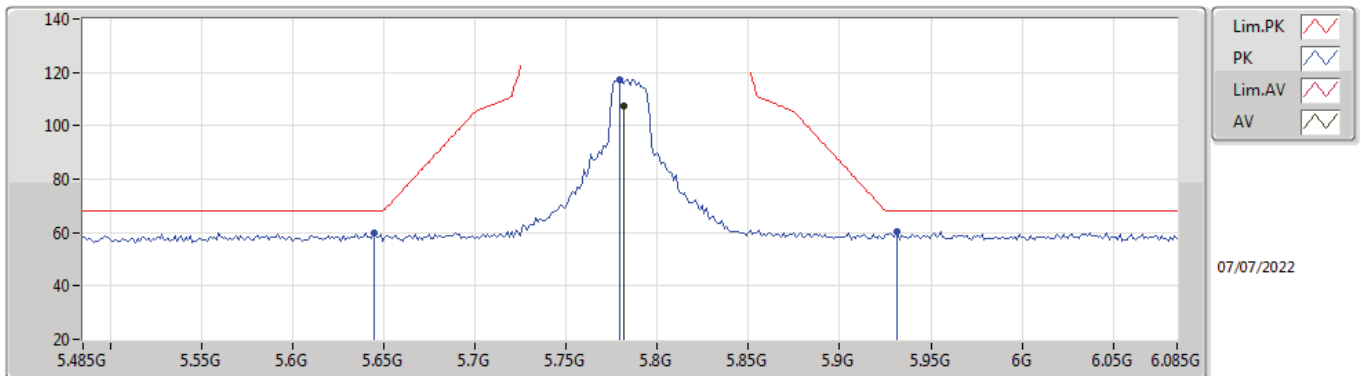
5785MHz\_TX



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	5.7838G	109.16	Inf	-Inf	9.73	3	Vertical	29	2.38	-	99.43	33.77	10.17	34.21
PK	5.545G	61.34	68.20	-6.86	8.68	3	Vertical	29	2.38	-	52.66	32.82	10.05	34.19
PK	5.7814G	121.61	Inf	-Inf	9.72	3	Vertical	29	2.38	-	111.89	33.76	10.17	34.21
PK	5.9434G	60.77	68.20	-7.43	10.34	3	Vertical	29	2.38	-	50.43	34.27	10.29	34.22

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

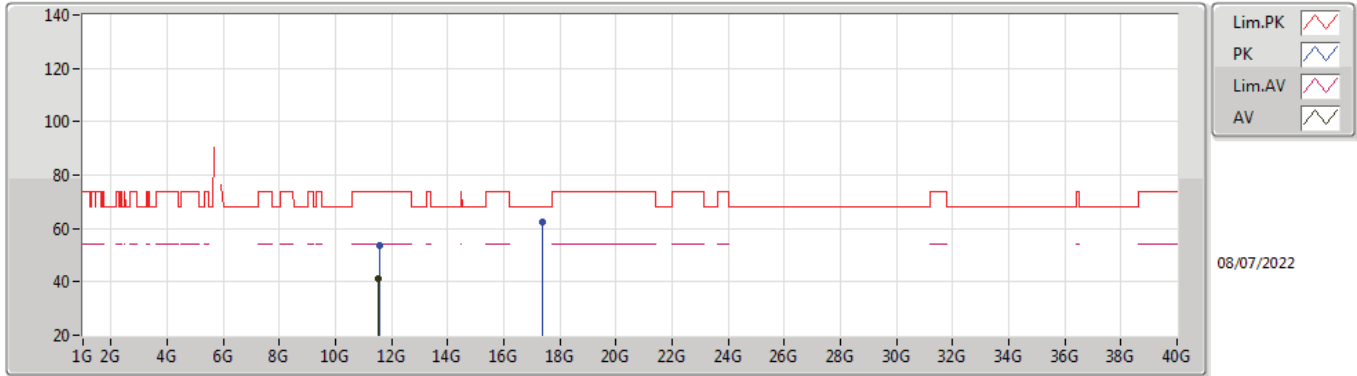
5785MHz\_TX



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	5.7814G	107.33	Inf	-Inf	9.72	3	Horizontal	349	1.32	-	97.61	33.76	10.17	34.21
PK	5.6446G	59.93	68.20	-8.27	9.17	3	Horizontal	349	1.32	-	50.76	33.28	10.09	34.20
PK	5.779G	117.29	Inf	-Inf	9.72	3	Horizontal	349	1.32	-	107.57	33.76	10.17	34.21
PK	5.9314G	60.57	68.20	-7.63	10.29	3	Horizontal	349	1.32	-	50.28	34.23	10.28	34.22

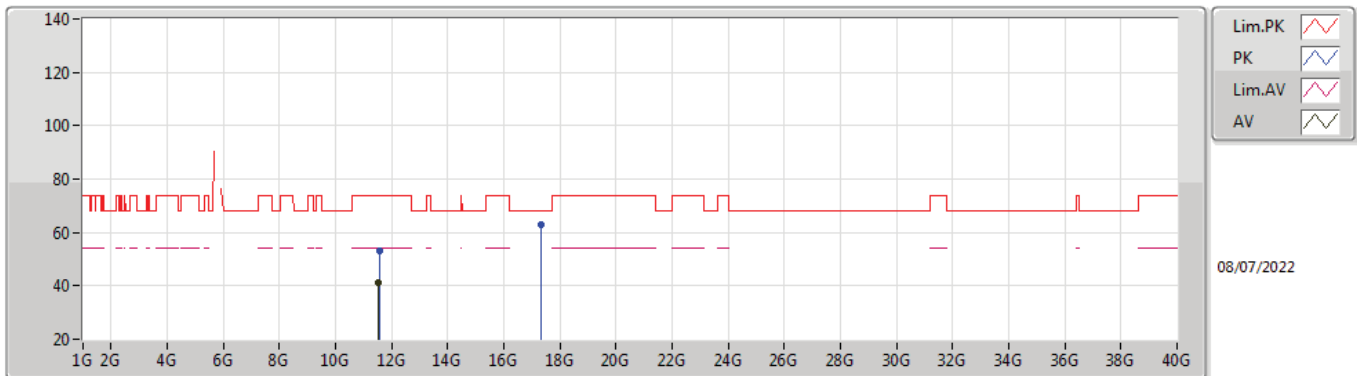


**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5785MHz\_TX**



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	11.545G	40.95	54.00	-13.05	17.86	3	Vertical	63	2.43	-	23.09	38.81	13.13	34.08
PK	11.5697G	53.41	74.00	-20.59	17.80	3	Vertical	63	2.43	-	35.61	38.76	13.14	34.10
PK	17.3679G	62.20	68.20	-6.00	21.91	3	Vertical	78	1.77	-	40.29	38.90	16.24	33.23

**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5785MHz\_TX**

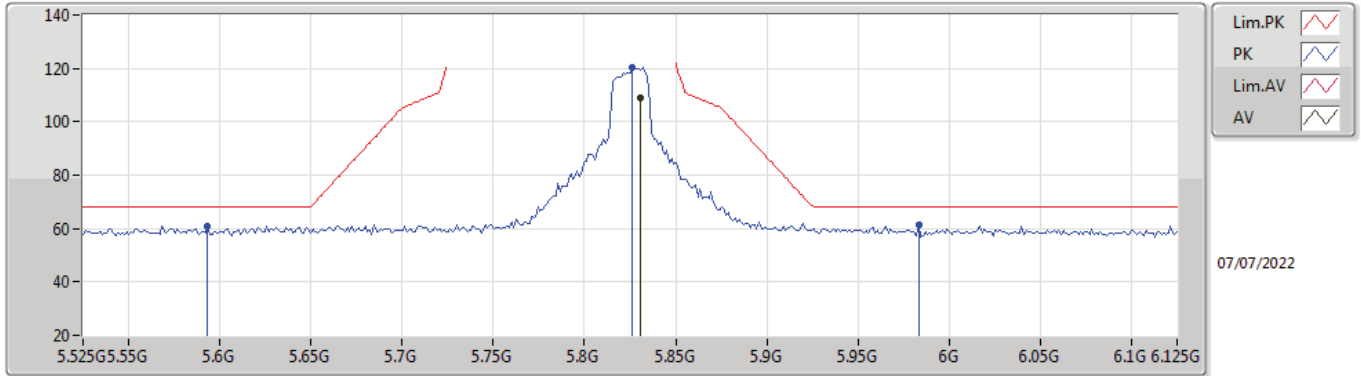


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5454G	41.06	54.00	-12.94	17.86	3	Horizontal	114	1.12	-	23.20	38.81	13.13	34.08
PK	11.5816G	53.19	74.00	-20.81	17.79	3	Horizontal	114	1.12	-	35.40	38.74	13.15	34.10
PK	17.3441G	62.69	68.20	-5.51	21.83	3	Horizontal	83	1.48	-	40.86	38.83	16.24	33.24



802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

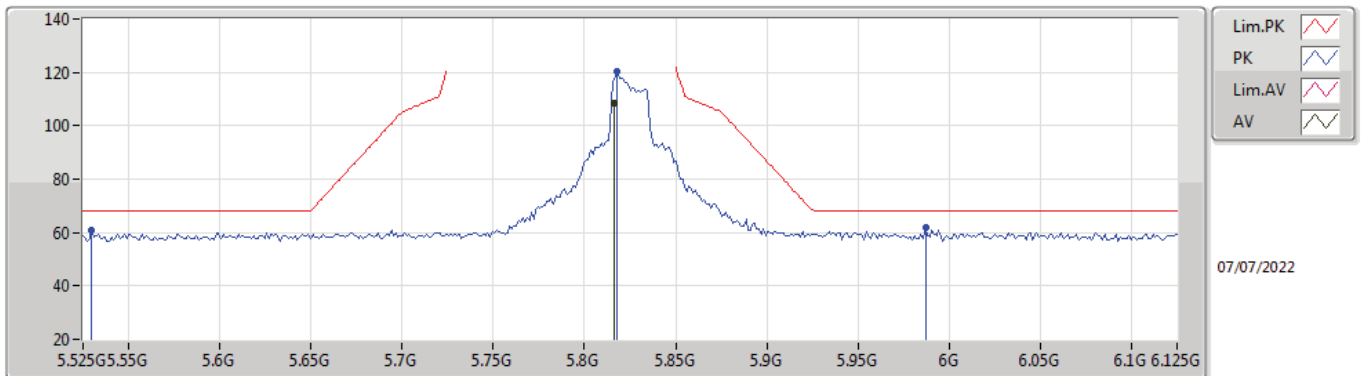
5825MHz\_TX



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	5.831G	109.18	Inf	-Inf	9.98	3	Vertical	138	1.64	-	99.20	33.99	10.20	34.21
PK	5.5934G	60.95	68.20	-7.25	8.93	3	Vertical	138	1.64	-	52.02	33.06	10.07	34.20
PK	5.8262G	120.43	Inf	-Inf	9.95	3	Vertical	138	1.64	-	110.48	33.96	10.20	34.21
PK	5.9834G	61.35	68.20	-6.85	10.20	3	Vertical	138	1.64	-	51.15	34.10	10.32	34.22

802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX

5825MHz\_TX

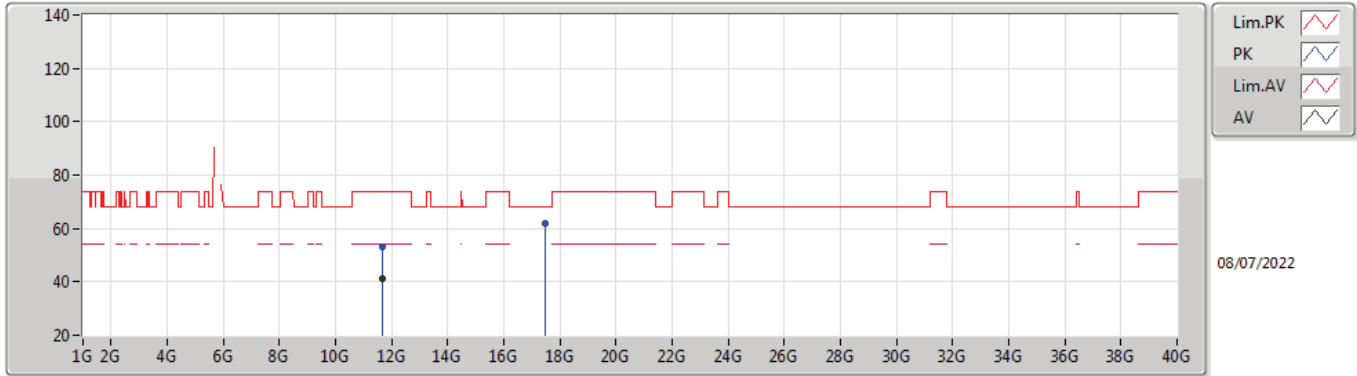


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8166G	108.25	Inf	-Inf	9.88	3	Horizontal	138	2.36	-	98.37	33.90	10.19	34.21
PK	5.5298G	60.70	68.20	-7.50	8.74	3	Horizontal	138	2.36	-	51.96	32.88	10.05	34.19
PK	5.8178G	120.44	Inf	-Inf	9.89	3	Horizontal	138	2.36	-	110.55	33.91	10.19	34.21
PK	5.987G	61.76	68.20	-6.44	10.18	3	Horizontal	138	2.36	-	51.58	34.08	10.32	34.22



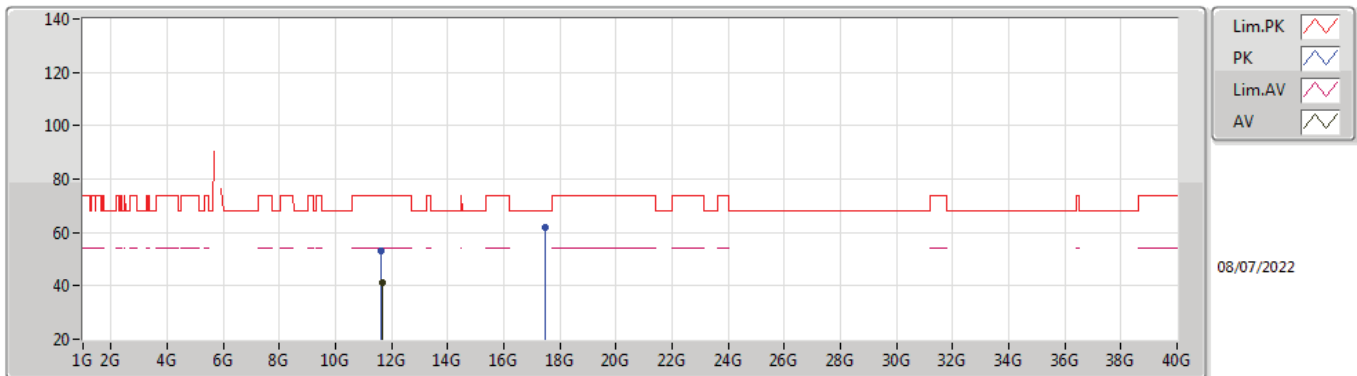


**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5825MHz\_TX**



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	11.6504G	40.96	54.00	-13.04	17.68	3	Vertical	55	2.18	-	23.28	38.65	13.17	34.14
PK	11.6619G	53.16	74.00	-20.84	17.67	3	Vertical	55	2.18	-	35.49	38.64	13.18	34.15
PK	17.4662G	61.75	68.20	-6.45	22.17	3	Vertical	286	1.37	-	39.58	39.13	16.25	33.21

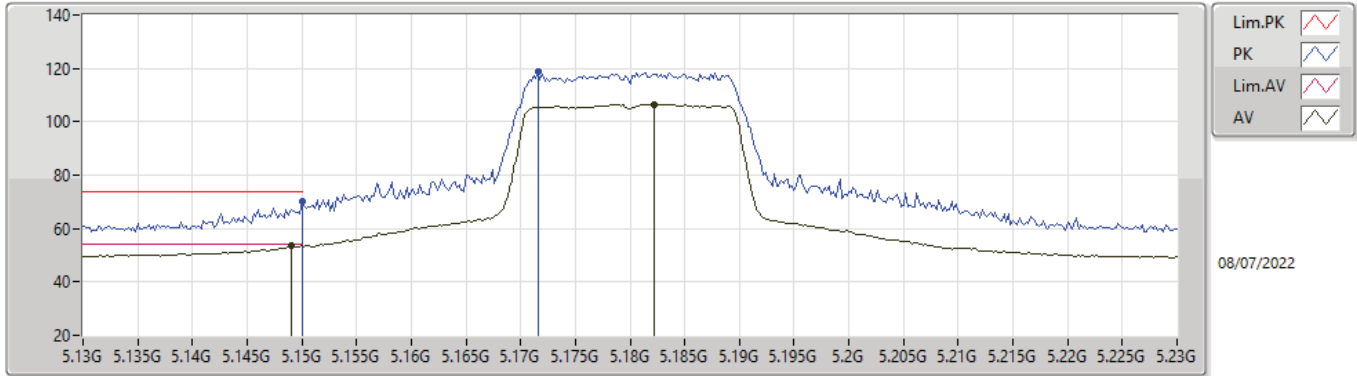
**802.11ax HEW20-BF\_Nss2,(MCS0)\_4TX  
5825MHz\_TX**



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	11.6583G	40.99	54.00	-13.01	17.67	3	Horizontal	244	2.71	-	23.32	38.64	13.18	34.15
PK	11.6324G	53.06	74.00	-20.94	17.71	3	Horizontal	244	2.71	-	35.35	38.67	13.17	34.13
PK	17.4893G	61.80	68.20	-6.40	22.24	3	Horizontal	337	1.89	-	39.56	39.18	16.26	33.20

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

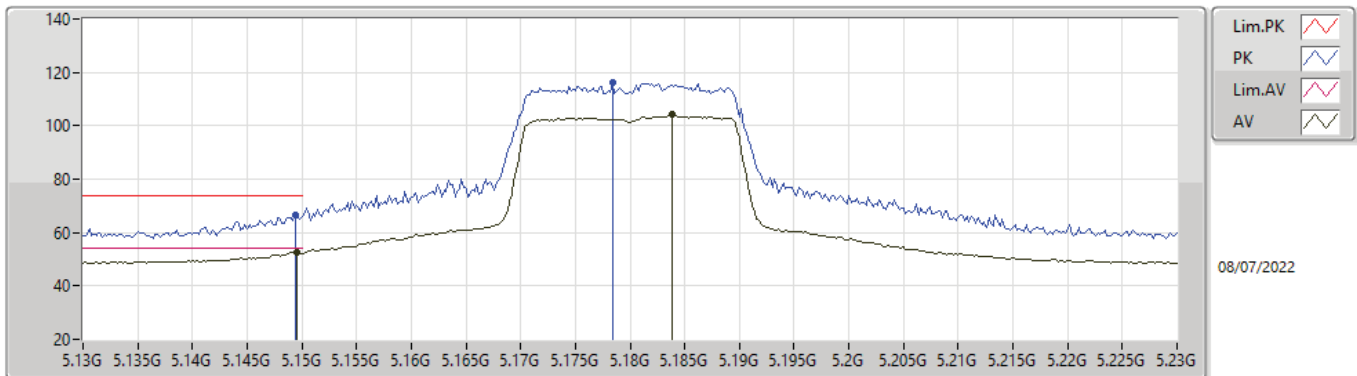
5180MHz\_TX



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	5.149G	53.45	54.00	-0.55	8.90	3	Vertical	111	1.68	-	44.55	33.20	9.83	34.13
AV	5.1822G	106.58	Inf	-Inf	8.86	3	Vertical	111	1.68	-	97.72	33.14	9.85	34.13
PK	5.15G	70.05	74.00	-3.95	8.90	3	Vertical	111	1.68	-	61.15	33.20	9.83	34.13
PK	5.1716G	118.75	Inf	-Inf	8.87	3	Vertical	111	1.68	-	109.88	33.16	9.84	34.13

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

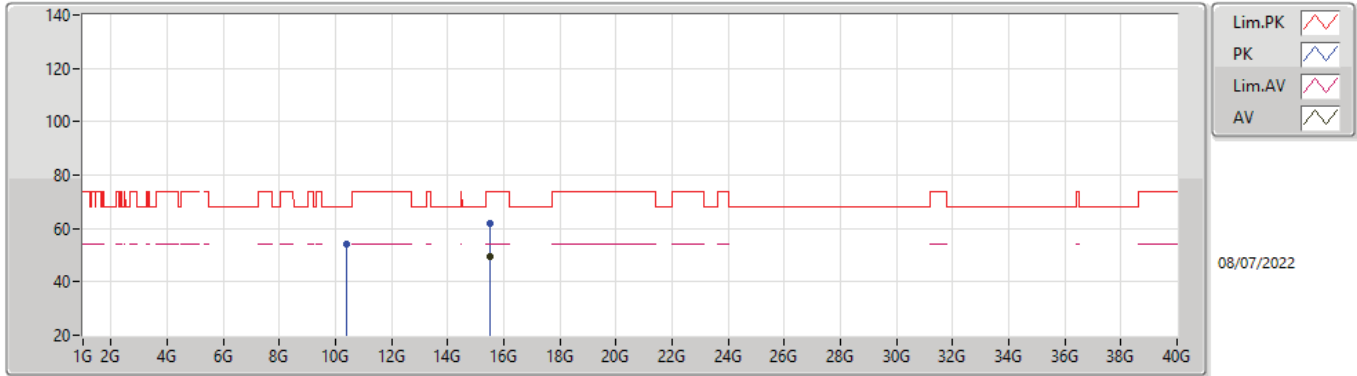
5180MHz\_TX



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	5.1496G	52.53	54.00	-1.47	8.90	3	Horizontal	181	2.35	-	43.63	33.20	9.83	34.13
AV	5.1838G	104.43	Inf	-Inf	8.85	3	Horizontal	181	2.35	-	95.58	33.13	9.85	34.13
PK	5.1494G	66.79	74.00	-7.21	8.90	3	Horizontal	181	2.35	-	57.89	33.20	9.83	34.13
PK	5.1784G	115.97	Inf	-Inf	8.86	3	Horizontal	181	2.35	-	107.11	33.14	9.85	34.13

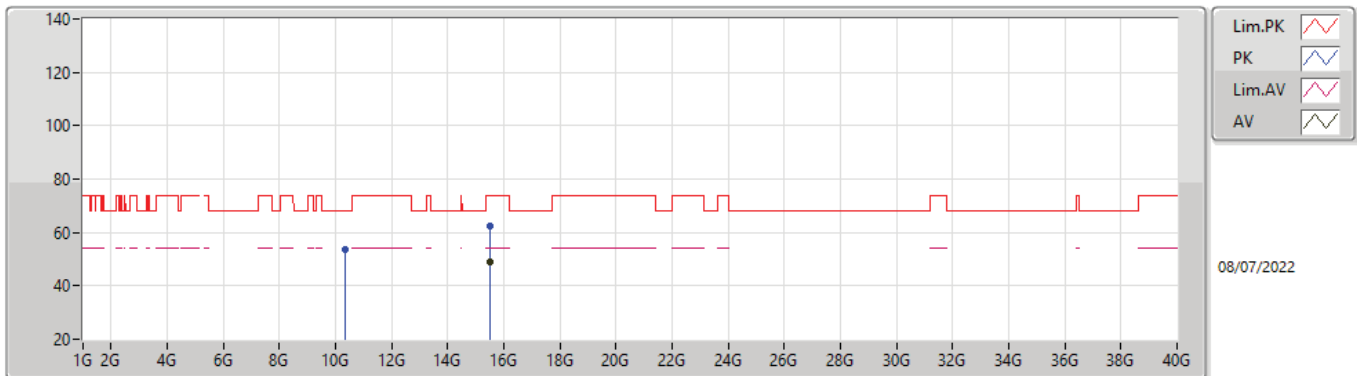


**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX**  
**5180MHz\_TX**



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	15.50048G	49.44	54.00	-4.56	19.94	3	Vertical	0	1.50	-	29.50	38.70	15.65	34.41
PK	10.39536G	54.30	68.20	-13.90	16.81	3	Vertical	323	1.50	-	37.49	38.70	12.68	34.57
PK	15.53136G	61.70	74.00	-12.30	19.94	3	Vertical	0	1.50	-	41.76	38.70	15.67	34.43

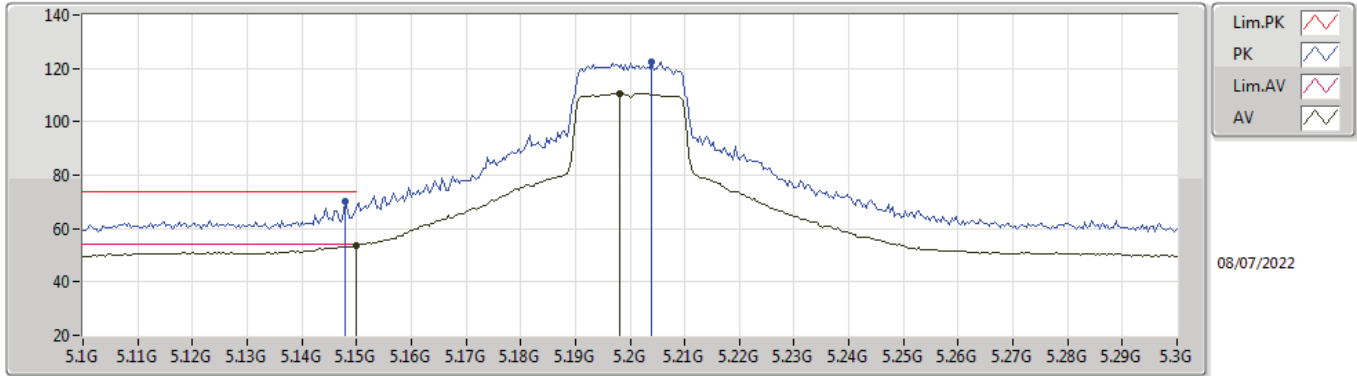
**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX**  
**5180MHz\_TX**



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	15.50224G	49.18	54.00	-4.82	19.94	3	Horizontal	242	2.80	-	29.24	38.70	15.65	34.41
PK	10.34032G	53.56	68.20	-14.64	16.70	3	Horizontal	140	1.25	-	36.86	38.64	12.66	34.60
PK	15.51424G	62.30	74.00	-11.70	19.94	3	Horizontal	242	2.80	-	42.36	38.70	15.66	34.42

802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

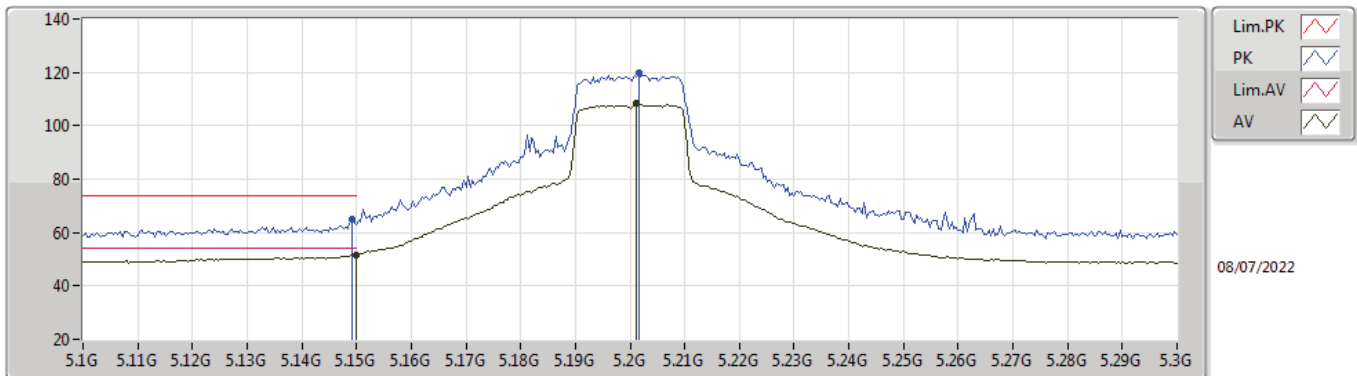
5200MHz\_TX



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	53.58	54.00	-0.42	8.90	3	Vertical	114	1.84	-	44.68	33.20	9.83	34.13
AV	5.198G	110.76	Inf	-Inf	8.82	3	Vertical	114	1.84	-	101.94	33.10	9.86	34.14
PK	5.148G	69.99	74.00	-4.01	8.90	3	Vertical	114	1.84	-	61.09	33.20	9.83	34.13
PK	5.204G	122.28	Inf	-Inf	8.80	3	Vertical	114	1.84	-	113.48	33.08	9.86	34.14

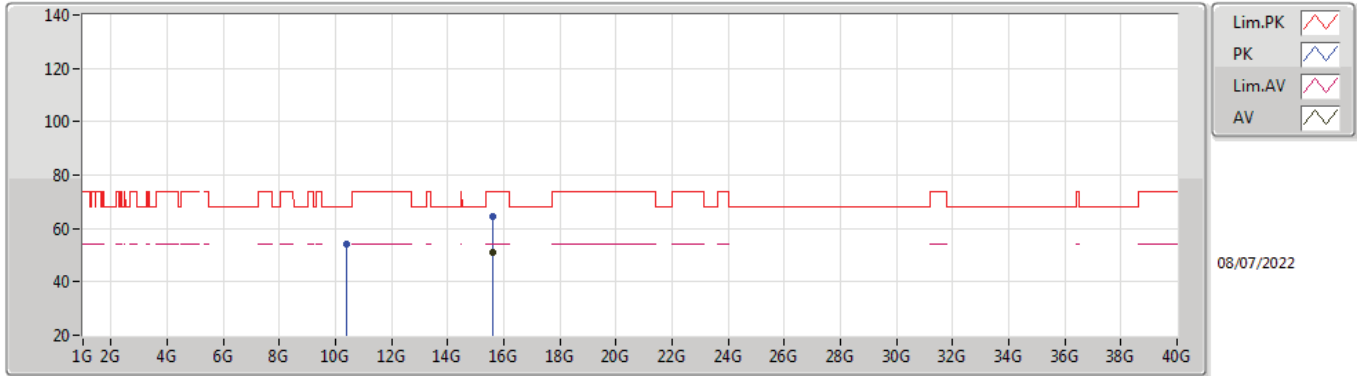
802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX

5200MHz\_TX



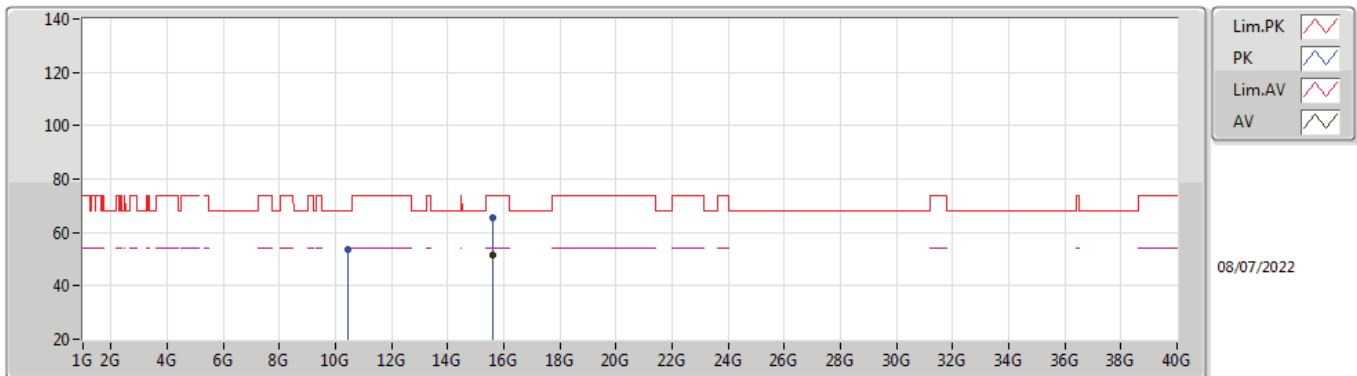
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	51.69	54.00	-2.31	8.90	3	Horizontal	178	2.49	-	42.79	33.20	9.83	34.13
AV	5.2012G	108.70	Inf	-Inf	8.82	3	Horizontal	178	2.49	-	99.88	33.10	9.86	34.14
PK	5.1492G	65.12	74.00	-8.88	8.90	3	Horizontal	178	2.49	-	56.22	33.20	9.83	34.13
PK	5.2016G	119.68	Inf	-Inf	8.81	3	Horizontal	178	2.49	-	110.87	33.09	9.86	34.14

**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX  
5200MHz\_TX**



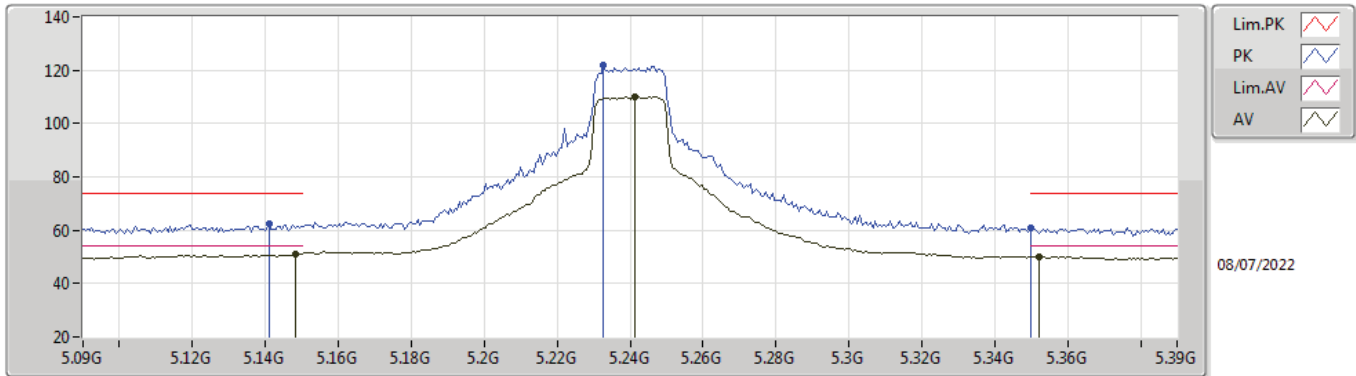
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.5904G	50.78	54.00	-3.22	19.96	3	Vertical	133	1.58	-	30.82	38.70	15.72	34.46
PK	10.39968G	53.94	68.20	-14.26	16.83	3	Vertical	213	1.81	-	37.11	38.70	12.69	34.56
PK	15.59344G	64.61	74.00	-9.39	19.96	3	Vertical	133	1.58	-	44.65	38.70	15.72	34.46

**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX  
5200MHz\_TX**



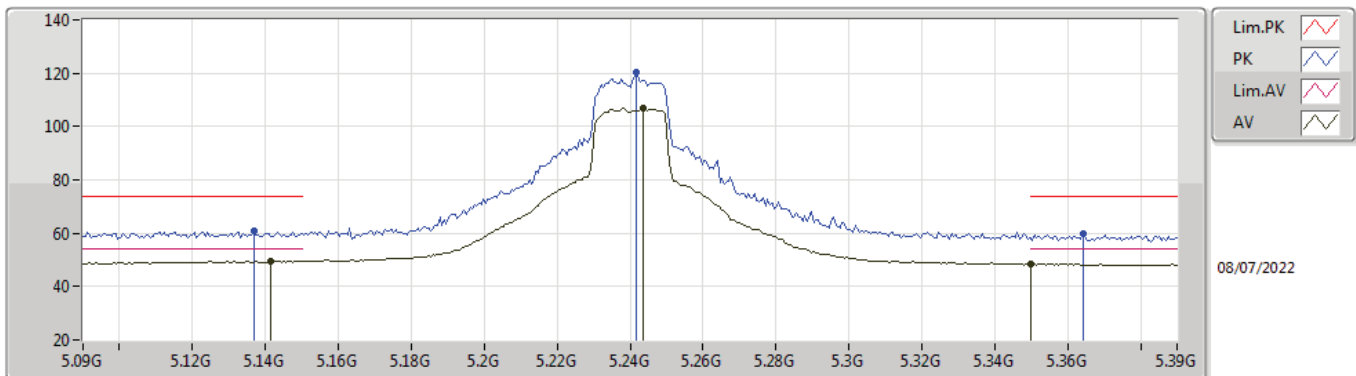
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.60224G	51.48	54.00	-2.52	19.95	3	Horizontal	241	1.48	-	31.53	38.69	15.73	34.47
PK	10.42192G	53.53	68.20	-14.67	16.82	3	Horizontal	276	1.95	-	36.71	38.68	12.69	34.55
PK	15.60752G	65.76	74.00	-8.24	19.92	3	Horizontal	241	1.48	-	45.84	38.66	15.73	34.47

**802.11ax HEW20-BF\_Nss3,(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	5.1482G	51.09	54.00	-2.91	8.90	3	Vertical	112	1.78	-	42.19	33.20	9.83	34.13
AV	5.2412G	110.13	Inf	-Inf	8.69	3	Vertical	112	1.78	-	101.44	32.94	9.89	34.14
AV	5.3522G	50.01	54.00	-3.99	8.51	3	Vertical	112	1.78	-	41.50	32.70	9.97	34.16
PK	5.141G	62.29	74.00	-11.71	8.90	3	Vertical	112	1.78	-	53.39	33.20	9.83	34.13
PK	5.2328G	121.77	Inf	-Inf	8.71	3	Vertical	112	1.78	-	113.06	32.97	9.88	34.14
PK	5.35G	60.99	74.00	-13.01	8.51	3	Vertical	112	1.78	-	52.48	32.70	9.97	34.16

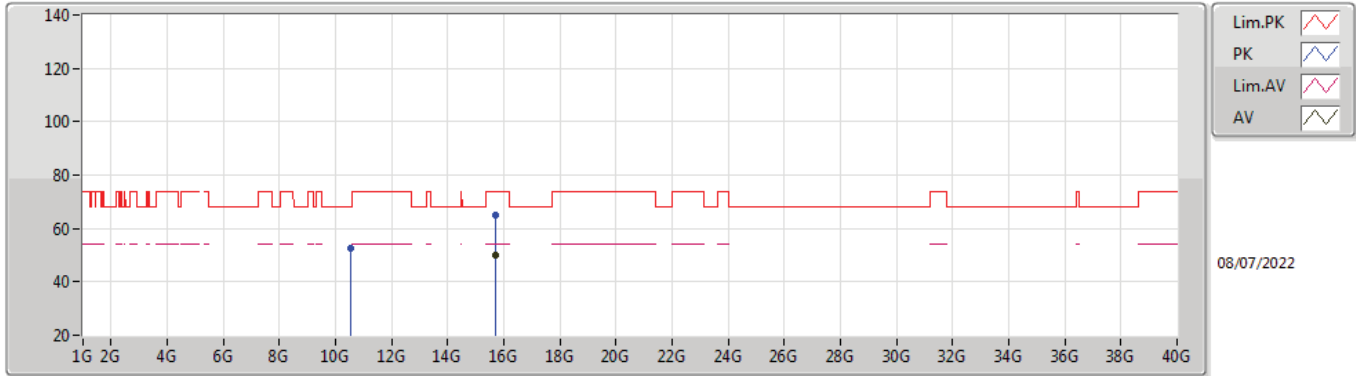
**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX**  
**5240MHz\_TX**



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	5.1416G	49.59	54.00	-4.41	8.90	3	Horizontal	189	2.60	-	40.69	33.20	9.83	34.13
AV	5.2436G	106.99	Inf	-Inf	8.68	3	Horizontal	189	2.60	-	98.31	32.93	9.89	34.14
AV	5.35G	48.51	54.00	-5.49	8.51	3	Horizontal	189	2.60	-	40.00	32.70	9.97	34.16
PK	5.1368G	60.80	74.00	-13.20	8.91	3	Horizontal	189	2.60	-	51.89	33.20	9.83	34.12
PK	5.2418G	120.16	Inf	-Inf	8.68	3	Horizontal	189	2.60	-	111.48	32.93	9.89	34.14
PK	5.3642G	59.94	74.00	-14.06	8.53	3	Horizontal	189	2.60	-	51.41	32.73	9.97	34.17

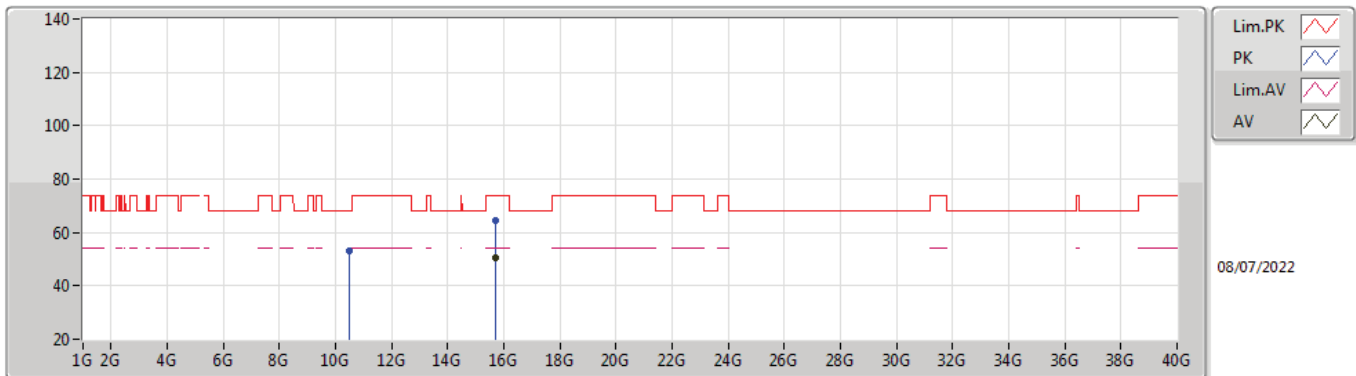


**802.11ax HEW20-BF\_Nss3,(MCS0)\_4TX  
5240MHz\_TX**



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	15.71664G	50.10	54.00	-3.90	19.46	3	Vertical	212	1.49	-	30.64	38.18	15.81	34.53
PK	10.51952G	52.77	68.20	-15.43	16.92	3	Vertical	52	1.52	-	35.85	38.66	12.73	34.47
PK	15.71296G	64.79	74.00	-9.21	19.47	3	Vertical	212	1.49	-	45.32	38.19	15.81	34.53

**802.11ax HEW20-BF\_Nss3,(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	15.71776G	50.47	54.00	-3.53	19.46	3	Horizontal	241	1.50	-	31.01	38.18	15.81	34.53
PK	10.51392G	52.93	68.20	-15.27	16.89	3	Horizontal	167	2.64	-	36.04	38.64	12.73	34.48
PK	15.71328G	64.32	74.00	-9.68	19.47	3	Horizontal	241	1.50	-	44.85	38.19	15.81	34.53