



# FCC Radio Test Report

**FCC ID** : UIDTG6442  
**Equipment** : Telephone Gateway  
**Brand Name** : ARRIS  
**Model Name** : TG6442; TG6441  
**Applicant** : ARRIS  
3871 Lakefield Drive, Suite 300, Suwanee, GA 30024  
**Manufacturer** : ARRIS  
3871 Lakefield Drive, Suite 300, Suwanee, GA 30024  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Nov. 02, 2020, and testing was started from Nov. 28, 2020 and completed on Jun. 18, 2021. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Allen Lin

**SPORTON INTERNATIONAL INC. Hsinhua Laboratory**

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



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### 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: Sam Tsai

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	Max Output Power (dBm)
5150-5250	a, n (HT20), ac (VHT20) ax (HEW20)	5180-5240	36-48 [4]	29.89
5725-5850		5745-5825	149-165 [5]	
5150-5250	n (HT40), ac (VHT40) ax (HEW40)	5190-5230	38-46 [2]	
5725-5850		5755-5795	151-159 [2]	
5150-5250	ac (VHT80) , ax (HEW80)	5210	42 [1]	
5725-5850		5775	155 [1]	

#### Non-Beamforming (4T1S)

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	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	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



**Non-Beamforming (4T4S)**

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80	80	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	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

**Note:**

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



### 1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector
1	4	Galtronics	02036140-07247C1	PIFA	Murata
2	3	Galtronics	02036140-07247E1	PIFA	Murata
3	2	Galtronics	02036140-07247C2	PIFA	Murata
4	1	Galtronics	02036140-07247B1	PIFA	Murata

Frequency (MHz)	BW (MHz)	5G Directional Gain (dBi)	
		4TX 1Stream (Correlated)	4TX 4Streams (Uncorrelated)
5180	20	6.52	0.5
5200	20	6.52	0.5
5240	20	6.52	0.5
5745	20	6.42	0.4
5785	20	6.42	0.4
5825	20	6.42	0.4
5190	40	6.52	0.5
5230	40	6.52	0.5
5755	40	6.42	0.4
5795	40	6.42	0.4
5210	80	6.52	0.5
5775	80	6.42	0.4

**For 5GHz function:**

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

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



1.1.3 EUT Information

Operational Condition				
EUT Power Type	From AC Adapter			
EUT Function	<input type="checkbox"/>	Outdoor AP	<input checked="" type="checkbox"/>	Indoor AP
	<input type="checkbox"/>	Fixed P2P AP	<input type="checkbox"/>	Outdoor/Indoor Client
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
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 (4T1S)

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_4TX	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20_Nss1,(MCS0)_4TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40_Nss1,(MCS0)_4TX	0.979	0.09	2.432m	1k
802.11ac VHT80_Nss1,(MCS0)_4TX	0.950	0.22	1.144m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss1,(MCS0)_4TX	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80_Nss1,(MCS0)_4TX	0.975	0.11	942.5u	3k

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

Non-Beamforming (4T4S)

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT160_Nss4,(MCS0)_4TX	0.735	1.34	192.813u	10k
802.11ac VHT20_Nss4,(MCS0)_4TX	0.959	0.18	1.297m	1k
802.11ac VHT40_Nss4,(MCS0)_4TX	0.915	0.39	652.5u	3k
802.11ac VHT80_Nss4,(MCS0)_4TX	0.826	0.83	328.438u	10k
802.11ax HEW160_Nss4,(MCS0)_4TX	0.852	0.7	188.75u	10k
802.11ax HEW20_Nss4,(MCS0)_4TX	0.975	0.11	1.004m	1k
802.11ax HEW40_Nss4,(MCS0)_4TX	0.958	0.19	541.25u	3k
802.11ax HEW80_Nss4,(MCS0)_4TX	0.899	0.46	296.563u	10k

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





**Beamforming**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.926	0.33	3.847m	300
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.937	0.28	4.619m	300
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	0.935	0.29	5.111m	300
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.940	0.27	5.338m	300
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.935	0.29	5.377m	300
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.944	0.25	5.397m	300

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

**1.1.5 Table for Multiple Listing**

Sample	Model	Phone Jack
1	TG6442	2
2	TG6441	1

Note: Sample 1 configuration was measured during the test.

## 1.2 Testing Applied Standards

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

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

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

- ◆ KDB 662911 D01 v02r01
- ◆ KDB 414788 D01 v01r01

## 1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
<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 (Non-Beamforming)	CO04-HY	Edward Wang	21.0~22.3°C / 55~61%	17/Dec/2020
AC Conduction (Beamforming)	CO04-HY	Billy Wang	22.0~23.5°C / 56~59%	17/Jun/2021
RF Conducted	TH01-HY	Vivi Jiang	20.1~26.9°C / 50~63%	03/Dec/2020~18/Jun/2021
Radiated	03CH03-HY	Edward Wang	19.8~25.8°C / 59~61%	28/Nov/2020~16/Jun/2021
<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
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



## 2 Test Configuration of EUT

### 2.1 Test Channel Mode

Test Software	DUT GUI
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#### Non-Beamforming (4T1S)

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	20.5
5200MHz	24.5
5240MHz	25
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	20
5200MHz	24.5
5240MHz	25.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	19.5
5230MHz	23
5755MHz	25.5
5795MHz	26.5
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	15.5
5775MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	20.5
5200MHz	24
5240MHz	25
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5



<b>Mode</b>	<b>Power Setting</b>
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	18.5
5230MHz	22.5
5755MHz	25.5
5795MHz	25.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	15
5775MHz	21



Non-Beamforming (4T4S)

Mode	Power Setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-
5180MHz	20.5
5200MHz	24.5
5240MHz	25.5
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ac VHT40_Nss4,(MCS0)_4TX	-
5190MHz	17
5230MHz	22
5755MHz	25.5
5795MHz	25.5
802.11ac VHT80_Nss4,(MCS0)_4TX	-
5210MHz	14
5775MHz	21
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5180MHz	20.5
5200MHz	24.5
5240MHz	24.5
5745MHz	25.5
5785MHz	25.5
5825MHz	25.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5190MHz	17
5230MHz	22
5755MHz	25.5
5795MHz	26
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5210MHz	15.5
5775MHz	20.5




Beamforming

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	52
5200MHz	60
5240MHz	60
5745MHz	60
5785MHz	60
5825MHz	60
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	51
5230MHz	60
5755MHz	60
5795MHz	60
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	46
5775MHz	52
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	57
5200MHz	61
5240MHz	61
5745MHz	60
5785MHz	60
5825MHz	60
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	49
5230MHz	60
5755MHz	60
5795MHz	60
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	48
5775MHz	58

## 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	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz +WLAN 5GHz
Refer to Sporton Test Report No.: FA001610 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	



### 2.3 Accessories

Accessories				
AC Adapter	Brand Name	NetBit	Model Name	NBS42D120350VU
	Power Rating	I/P: 100 - 240Vac, 1 A,O/P: 12Vdc, 3.5 A		
	Power Cord	1.8 meter, non-shielded cable, w/o ferrite core		

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

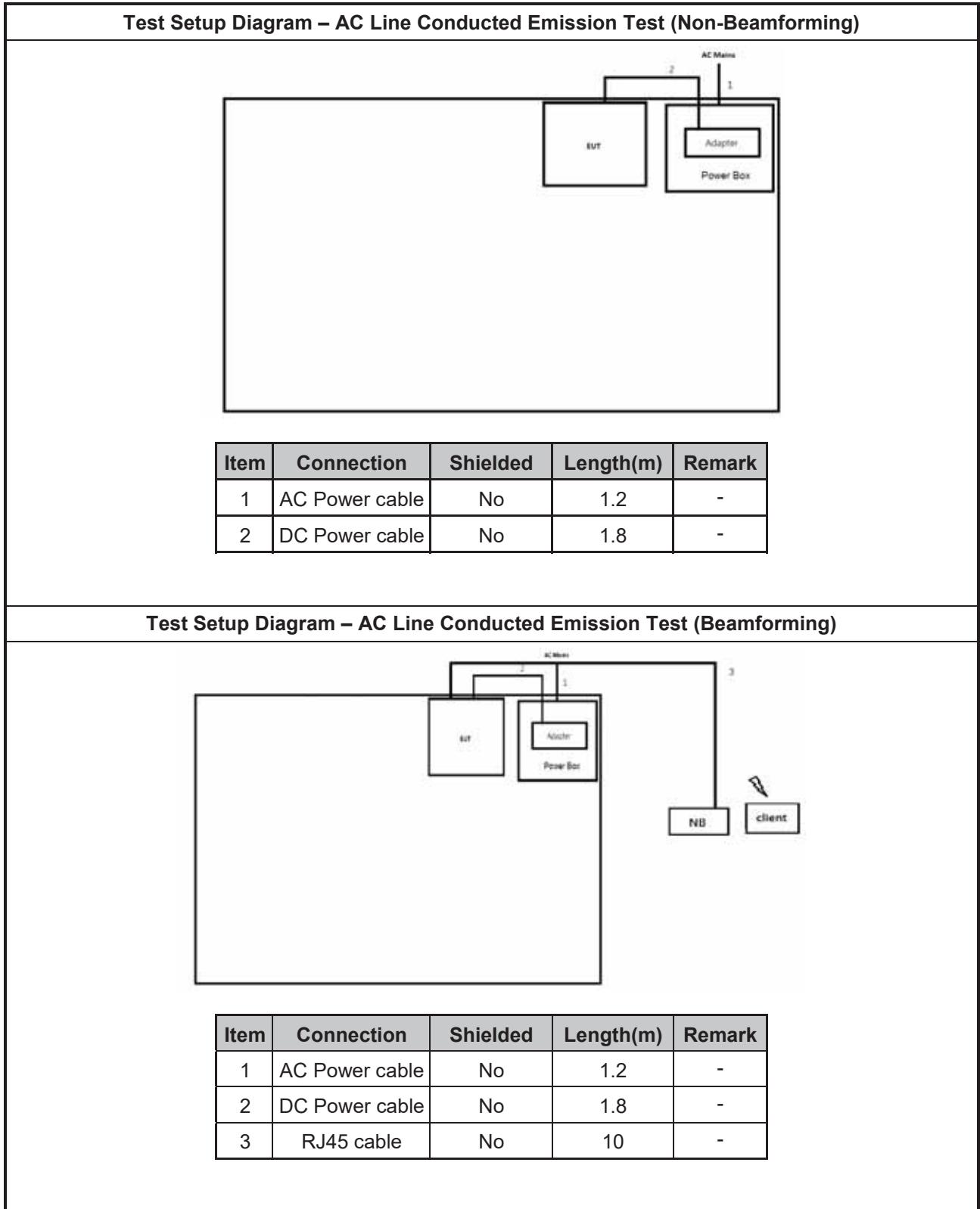
### 2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Client	-	-	-	Provided by Customer (Remote)
2	Notebook	HP	E5540	-	Remote

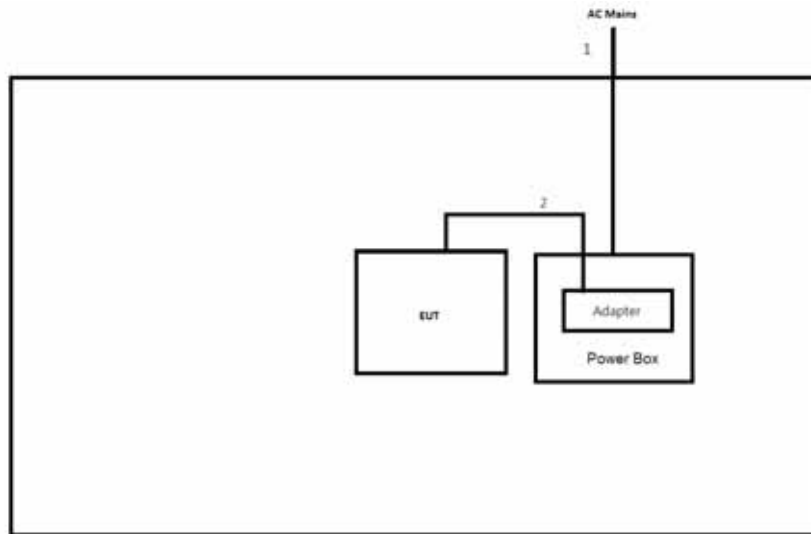
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-



## 2.5 Test Setup Diagram

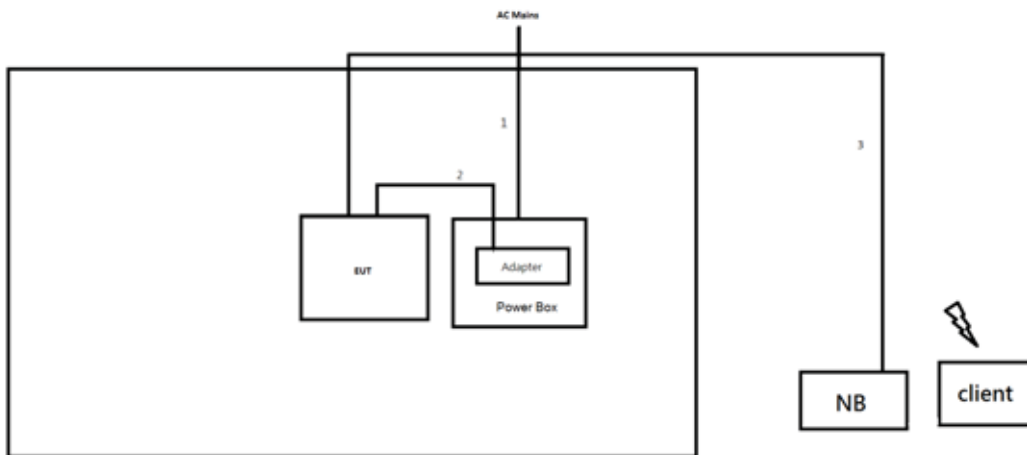


**Test Setup Diagram - Radiated Test (Non-Beamforming)**



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

**Test Setup Diagram - Radiated Test (Beamforming)**



Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	RJ45 cable	No	10	-



### 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

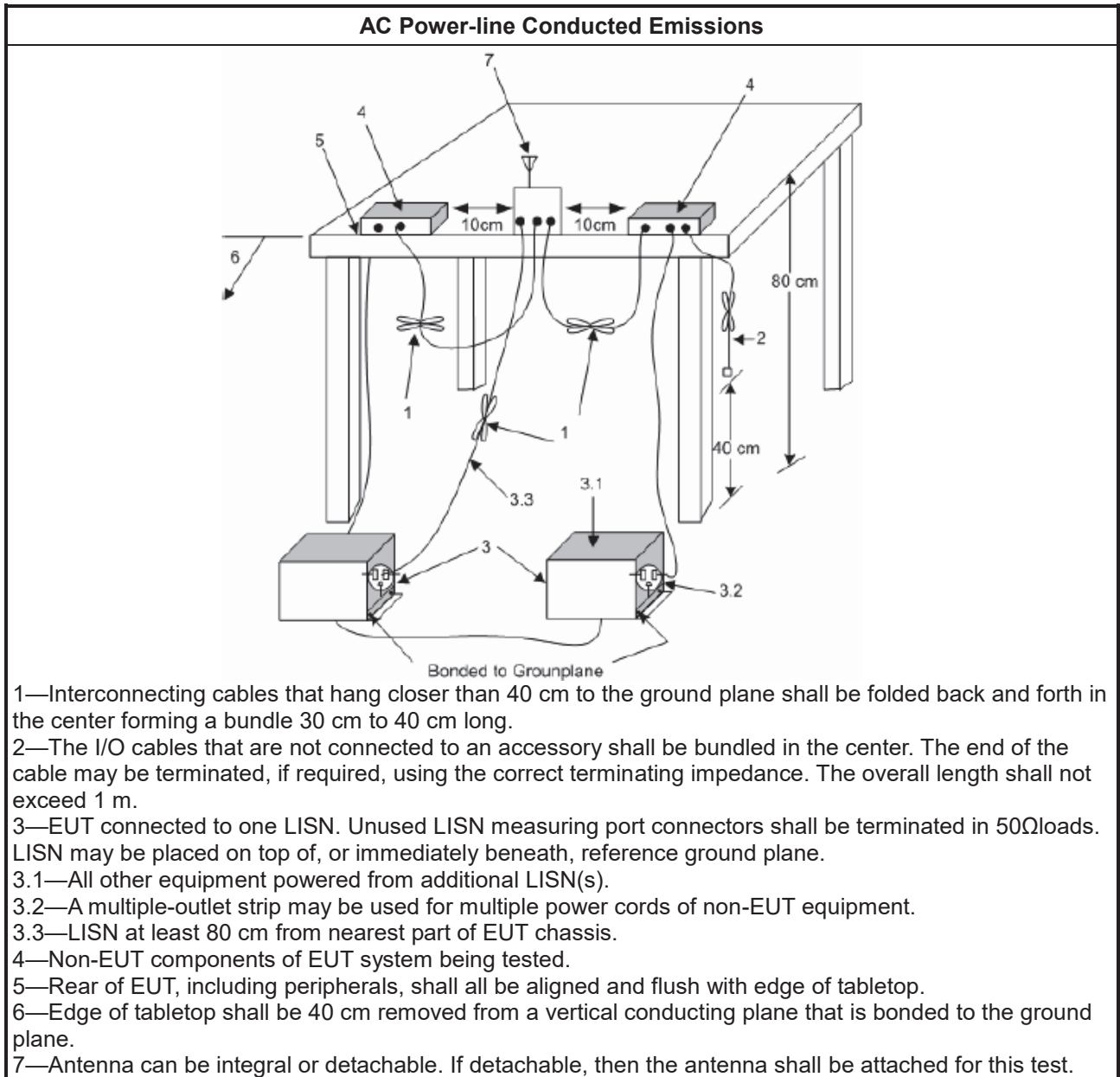
Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

##### 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.

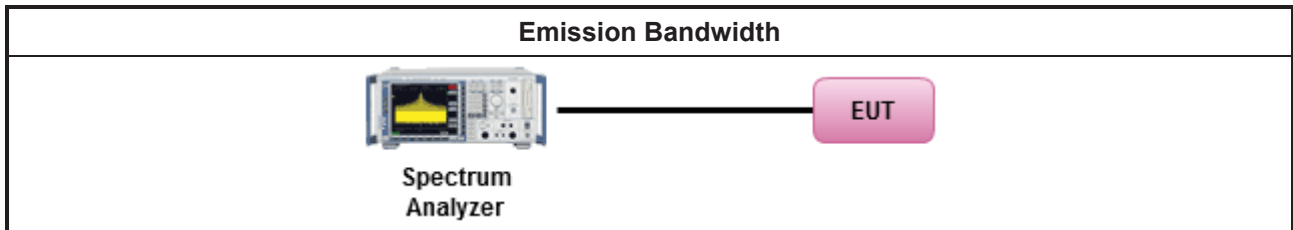
#### 3.2.2 Measuring Instruments

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:	
	<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 125mW</math> [21dBm]</li> <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> <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> <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:	
	<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> <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>
$P_{Out}$ = maximum conducted output power in dBm, $G_{TX}$ = the maximum transmitting antenna directional gain in dBi.	

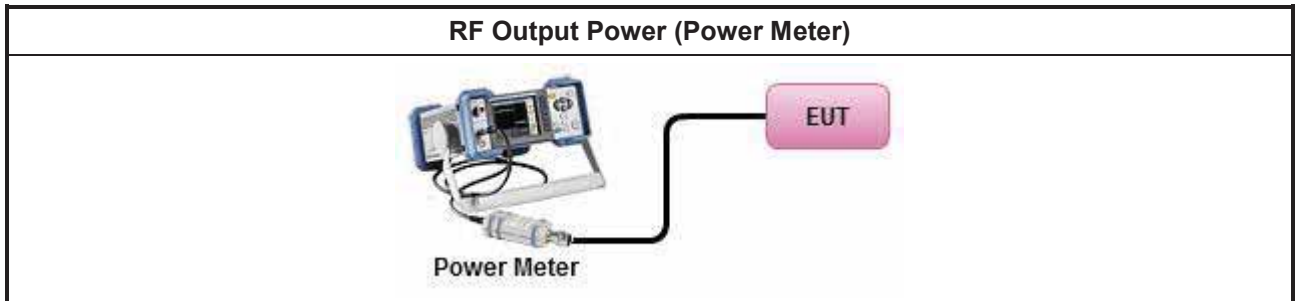
#### 3.3.2 Measuring Instruments

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

### 3.3.3 Test Procedures

Test Method	
<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:	
<input type="checkbox"/>	<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:	
<input type="checkbox"/>	<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

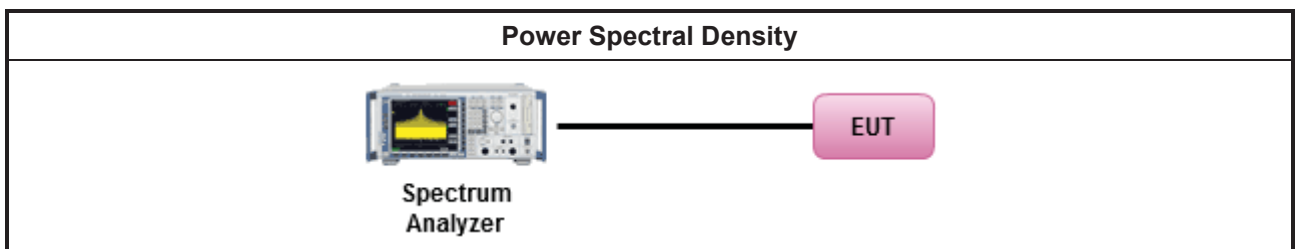
Refer a test equipment and calibration data table in this test report.



### 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, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
Duty cycle ≥ 98%	
<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:</li> </ul>	
	<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>
	<ul style="list-style-type: none"> <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

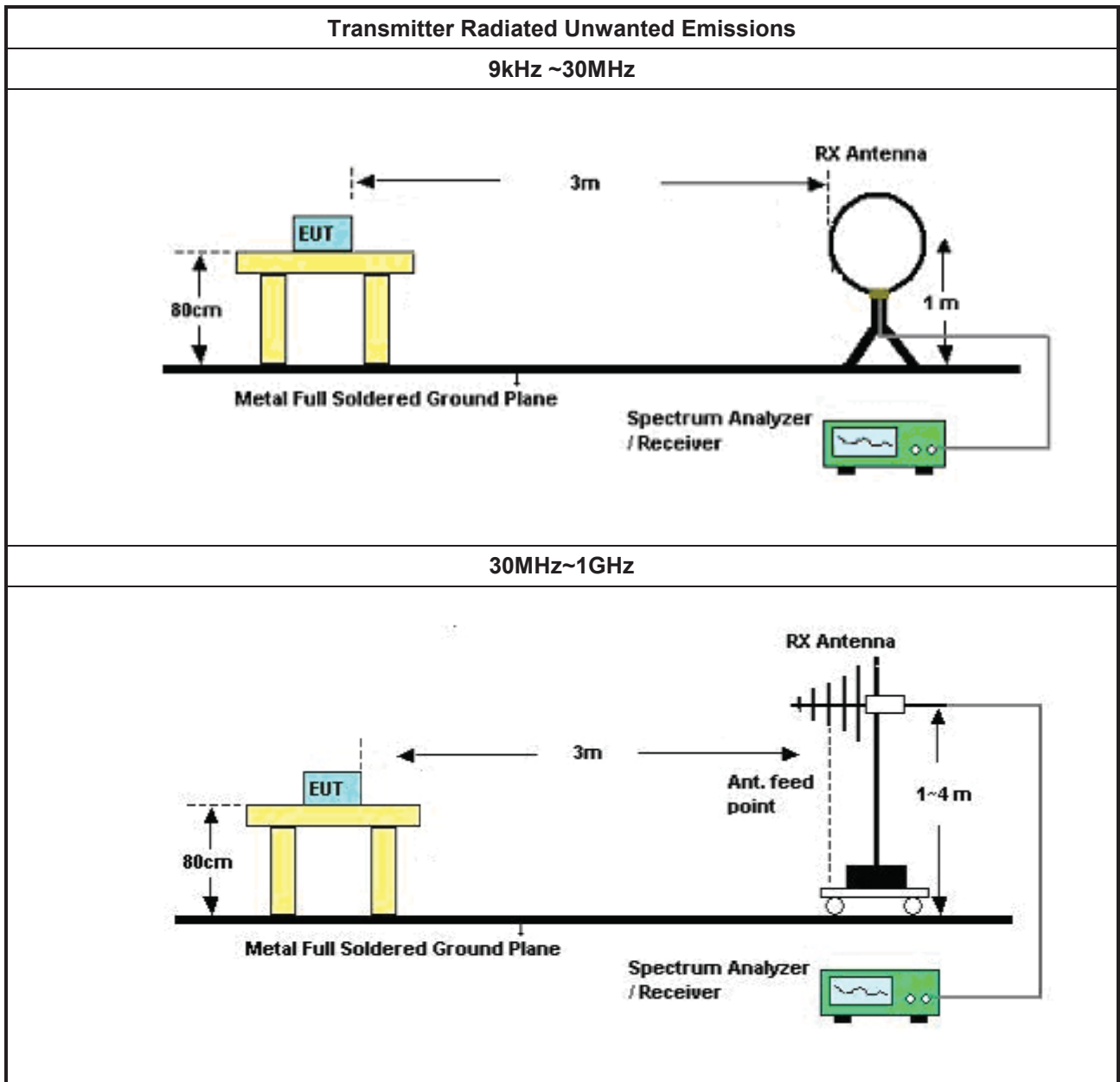
Test Method	
<ul style="list-style-type: none"> <li>▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance 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:</li> </ul>	
	<ul style="list-style-type: none"> <li>▪ Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.</li> </ul>
<input checked="" type="checkbox"/>	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
<input checked="" type="checkbox"/>	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.
<ul style="list-style-type: none"> <li>▪ For radiated measurement.</li> </ul>	
	<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> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.</li> </ul>
	<ul style="list-style-type: none"> <li>▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.</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:</li> </ul>	
	<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> </ul>
	<ul style="list-style-type: none"> <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>
<ul style="list-style-type: none"> <li>▪ KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.</li> </ul>	
	<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> </ul>
	<ul style="list-style-type: none"> <li>▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.</li> </ul>

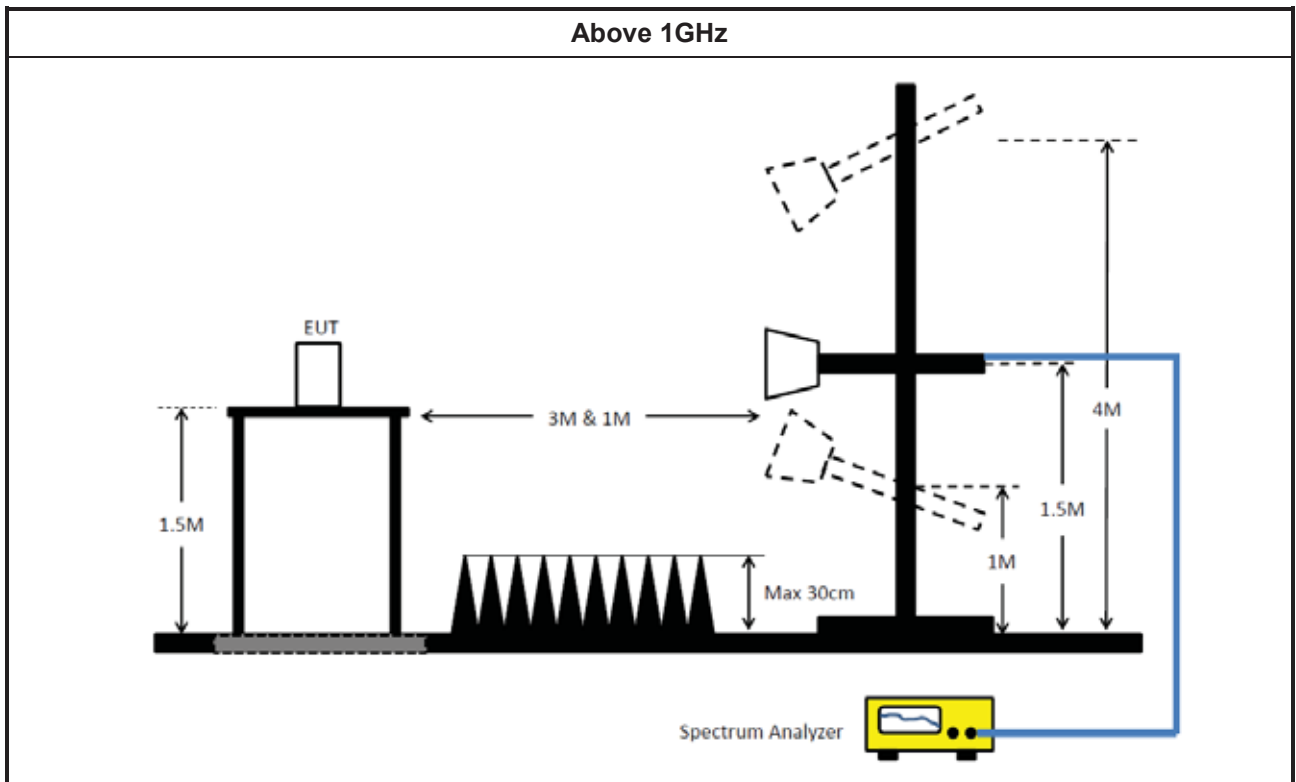
### 3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

### 3.5.5 Test Setup





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

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

### 3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

## 4 Test Equipment and Calibration Data

### Instrument for AC Conduction (Non-Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	29/May/2020	28/May/2021
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable-CON	MTJ	RG142	CB002-CO	9kHz ~ 200MHz	31/Aug/2020	30/Aug/2021
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

### Instrument for AC Conduction (Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	19/Apr/2021	18/Apr/2022
LISN	R&S	ENV216	101295	9kHz ~ 30MHz	11/Nov/2020	10/Nov/2021
RF Cable 5m	TITAN	TITAN	CO04-cable-01	0.1MHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	21/Sep/2020	20/Sep/2021

### Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	19/Oct/2020	18/Oct/2021
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	20/Oct/2020	19/Oct/2022
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	27/Nov/2020	26/Nov/2021
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	27/Nov/2020	26/Nov/2021



**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	06/Aug/2020	05/Aug/2021
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	04/Aug/2020	03/Aug/2021
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	19/Aug/2020	18/Aug/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	14/Apr/2020	13/Apr/2021
Amplifier	HP	8447D	2944A08033	10kHz~1.3GHz	13/Apr/2021	12/Apr/2022
Microwave System Preamp	KEYSIGHT	83017A	MY53270196	1GHz~26.5GHz	06/Oct/2020	05/Oct/2021
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	25/Oct/2020	24/Oct/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	26/Mar/2020	25/Mar/2021
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz~18GHz	24/Mar/2021	23/Mar/2022
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	19/Jun/2020	18/Jun/2021
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	18/Mar/2020	17/Mar/2021
RF Cable-R03m	Jye Bao	RG142	MY37335/4+CB021-1+CB021-2	30MHz~1GHz	17/Mar/2021	16/Mar/2022
RF CABLE 5+6m	HUBER+SUHNER	SUOFLEX 104	SN MY38596/4+SN 804300/4	1GHz~40GHz	04/Aug/2020	03/Aug/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2021	15/Mar/2022
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022



Summary

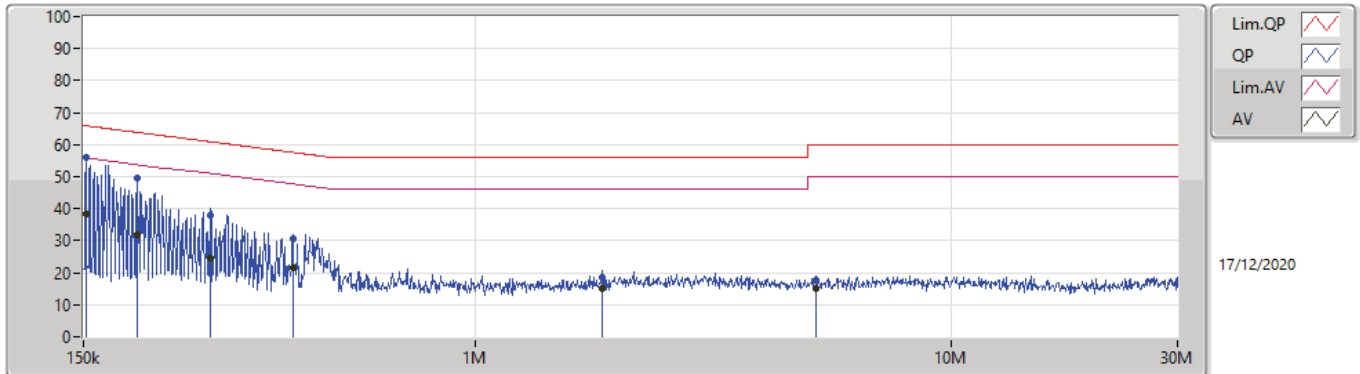
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.807k	56.23	65.90	-9.67	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.807k	56.23	65.90	-9.67	Line	"Worst"
Mode 1	Pass	AV	151.807k	38.26	55.90	-17.64	Line	-
Mode 1	Pass	QP	194.439k	49.54	63.84	-14.30	Line	-
Mode 1	Pass	AV	194.439k	32.04	53.84	-21.80	Line	-
Mode 1	Pass	QP	277.385k	38.10	60.89	-22.79	Line	-
Mode 1	Pass	AV	277.385k	24.36	50.89	-26.53	Line	-
Mode 1	Pass	QP	413.48k	30.40	57.59	-27.19	Line	-
Mode 1	Pass	AV	413.48k	21.44	47.59	-26.15	Line	-
Mode 1	Pass	QP	1.855M	18.33	56.00	-37.67	Line	-
Mode 1	Pass	AV	1.855M	15.23	46.00	-30.77	Line	-
Mode 1	Pass	QP	5.196M	17.53	60.00	-42.47	Line	-
Mode 1	Pass	AV	5.196M	15.08	50.00	-34.92	Line	-
Mode 1	Pass	QP	154.251k	55.01	65.77	-10.76	Neutral	"Worst"
Mode 1	Pass	AV	154.251k	36.07	55.77	-19.70	Neutral	-
Mode 1	Pass	QP	229.015k	41.11	62.48	-21.37	Neutral	-
Mode 1	Pass	AV	229.015k	26.36	52.48	-26.12	Neutral	-
Mode 1	Pass	QP	307.723k	35.21	60.03	-24.82	Neutral	-
Mode 1	Pass	AV	307.723k	21.43	50.03	-28.60	Neutral	-
Mode 1	Pass	QP	466.086k	25.38	56.59	-31.21	Neutral	-
Mode 1	Pass	AV	466.086k	16.20	46.59	-30.39	Neutral	-
Mode 1	Pass	QP	2.167M	22.23	56.00	-33.77	Neutral	-
Mode 1	Pass	AV	2.167M	18.12	46.00	-27.88	Neutral	-
Mode 1	Pass	QP	5.472M	19.27	60.00	-40.73	Neutral	-
Mode 1	Pass	AV	5.472M	16.36	50.00	-33.64	Neutral	-

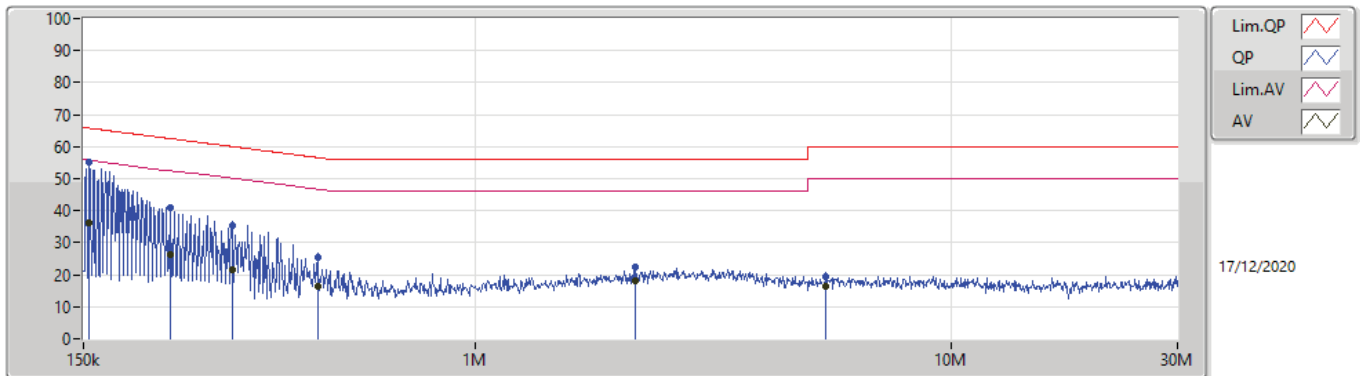


### Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	151.807k	56.23	65.90	-9.67	19.60	Line	"Worst"	36.63	9.69	0.01	9.90
AV	151.807k	38.26	55.90	-17.64	19.60	Line	-	18.66	9.69	0.01	9.90
QP	194.439k	49.54	63.84	-14.30	19.59	Line	-	29.95	9.68	0.01	9.90
AV	194.439k	32.04	53.84	-21.80	19.59	Line	-	12.45	9.68	0.01	9.90
QP	277.385k	38.10	60.89	-22.79	19.59	Line	-	18.51	9.68	0.01	9.90
AV	277.385k	24.36	50.89	-26.53	19.59	Line	-	4.77	9.68	0.01	9.90
QP	413.48k	30.40	57.59	-27.19	19.59	Line	-	10.81	9.67	0.02	9.90
AV	413.48k	21.44	47.59	-26.15	19.59	Line	-	1.85	9.67	0.02	9.90
QP	1.855M	18.33	56.00	-37.67	19.56	Line	-	-1.23	9.68	0.08	9.80
AV	1.855M	15.23	46.00	-30.77	19.56	Line	-	-4.33	9.68	0.08	9.80
QP	5.196M	17.53	60.00	-42.47	19.75	Line	-	-2.22	9.70	0.15	9.90
AV	5.196M	15.08	50.00	-34.92	19.75	Line	-	-4.67	9.70	0.15	9.90

### Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)
QP	154.251k	55.01	65.77	-10.76	19.60	Neutral	"Worst"	35.41	9.69	0.01	9.90
AV	154.251k	36.07	55.77	-19.70	19.60	Neutral	-	16.47	9.69	0.01	9.90
QP	229.015k	41.11	62.48	-21.37	19.59	Neutral	-	21.52	9.68	0.01	9.90
AV	229.015k	26.36	52.48	-26.12	19.59	Neutral	-	6.77	9.68	0.01	9.90
QP	307.723k	35.21	60.03	-24.82	19.59	Neutral	-	15.62	9.67	0.02	9.90
AV	307.723k	21.43	50.03	-28.60	19.59	Neutral	-	1.84	9.67	0.02	9.90
QP	466.086k	25.38	56.59	-31.21	19.57	Neutral	-	5.81	9.67	0.02	9.88
AV	466.086k	16.20	46.59	-30.39	19.57	Neutral	-	-3.37	9.67	0.02	9.88
QP	2.167M	22.23	56.00	-33.77	19.57	Neutral	-	2.66	9.68	0.08	9.81
AV	2.167M	18.12	46.00	-27.88	19.57	Neutral	-	-1.45	9.68	0.08	9.81
QP	5.472M	19.27	60.00	-40.73	19.75	Neutral	-	-0.48	9.70	0.15	9.90
AV	5.472M	16.36	50.00	-33.64	19.75	Neutral	-	-3.39	9.70	0.15	9.90



**Summary**

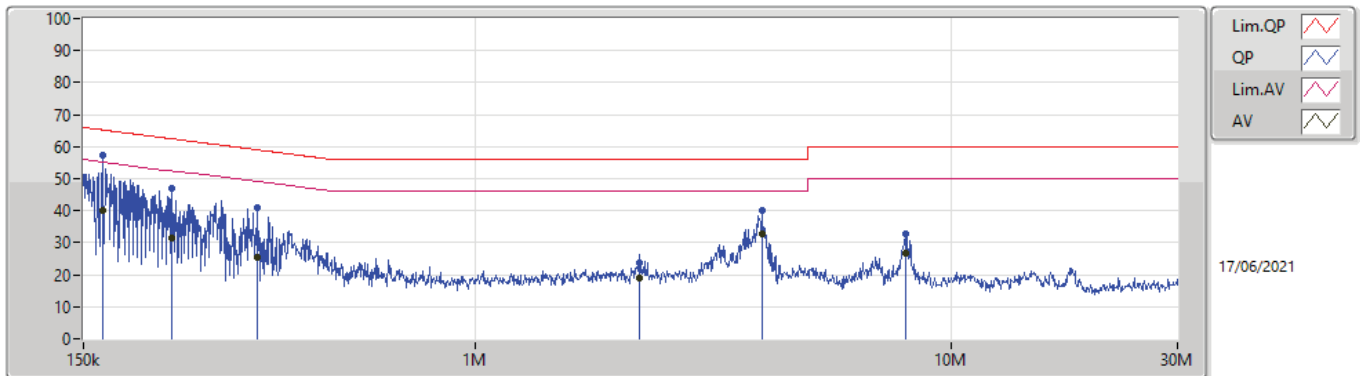
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.071k	57.25	65.10	-7.85	Neutral



Result

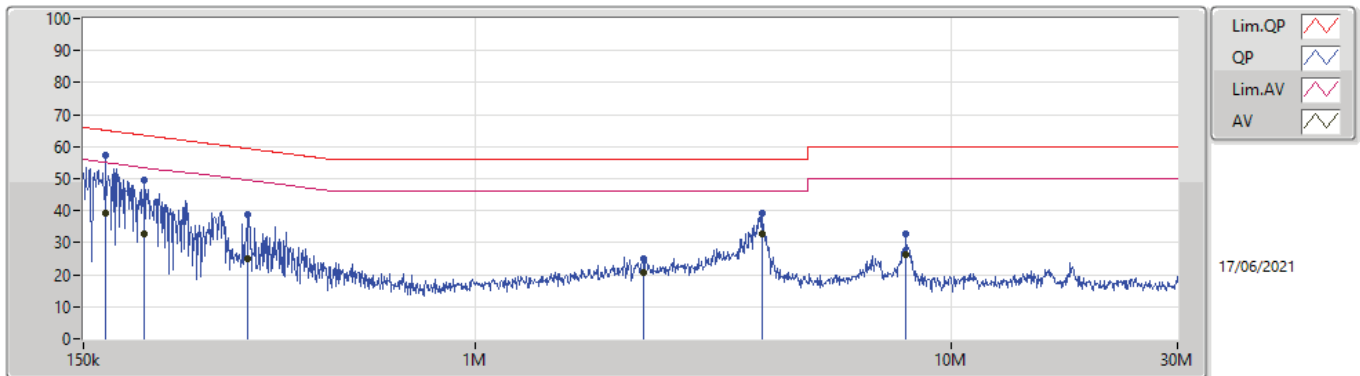
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	165.082k	57.19	65.20	-8.01	Line	-
Mode 1	Pass	AV	165.082k	39.95	55.20	-15.25	Line	-
Mode 1	Pass	QP	229.932k	46.78	62.44	-15.66	Line	-
Mode 1	Pass	AV	229.932k	31.37	52.44	-21.07	Line	-
Mode 1	Pass	QP	348.261k	40.86	59.00	-18.14	Line	-
Mode 1	Pass	AV	348.261k	25.60	49.00	-23.40	Line	-
Mode 1	Pass	QP	2.211M	23.61	56.00	-32.39	Line	-
Mode 1	Pass	AV	2.211M	19.00	46.00	-27.00	Line	-
Mode 1	Pass	QP	4.008M	40.13	56.00	-15.87	Line	-
Mode 1	Pass	AV	4.008M	32.78	46.00	-13.22	Line	-
Mode 1	Pass	QP	8.028M	32.90	60.00	-27.10	Line	-
Mode 1	Pass	AV	8.028M	26.63	50.00	-23.37	Line	-
Mode 1	Pass	QP	167.071k	57.25	65.10	-7.85	Neutral	-
Mode 1	Pass	AV	167.071k	39.14	55.10	-15.96	Neutral	-
Mode 1	Pass	QP	201.551k	49.62	63.55	-13.93	Neutral	-
Mode 1	Pass	AV	201.551k	32.97	53.55	-20.58	Neutral	-
Mode 1	Pass	QP	333.299k	38.76	59.37	-20.61	Neutral	-
Mode 1	Pass	AV	333.299k	24.94	49.37	-24.43	Neutral	-
Mode 1	Pass	QP	2.256M	25.02	56.00	-30.98	Neutral	-
Mode 1	Pass	AV	2.256M	20.50	46.00	-25.50	Neutral	-
Mode 1	Pass	QP	4.008M	39.37	56.00	-16.63	Neutral	-
Mode 1	Pass	AV	4.008M	32.83	46.00	-13.17	Neutral	-
Mode 1	Pass	QP	8.06M	32.67	60.00	-27.33	Neutral	-
Mode 1	Pass	AV	8.06M	26.16	50.00	-23.84	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	165.082k	57.19	65.20	-8.01	19.63	Line	-	37.56	9.69	0.04	9.90			
AV	165.082k	39.95	55.20	-15.25	19.63	Line	-	20.32	9.69	0.04	9.90			
QP	229.932k	46.78	62.44	-15.66	19.62	Line	-	27.16	9.68	0.04	9.90			
AV	229.932k	31.37	52.44	-21.07	19.62	Line	-	11.75	9.68	0.04	9.90			
QP	348.261k	40.86	59.00	-18.14	19.63	Line	-	21.23	9.67	0.06	9.90			
AV	348.261k	25.60	49.00	-23.40	19.63	Line	-	5.97	9.67	0.06	9.90			
QP	2.211M	23.61	56.00	-32.39	19.60	Line	-	4.01	9.68	0.11	9.81			
AV	2.211M	19.00	46.00	-27.00	19.60	Line	-	-0.60	9.68	0.11	9.81			
QP	4.008M	40.13	56.00	-15.87	19.73	Line	-	20.40	9.69	0.14	9.90			
AV	4.008M	32.78	46.00	-13.22	19.73	Line	-	13.05	9.69	0.14	9.90			
QP	8.028M	32.90	60.00	-27.10	19.80	Line	-	13.10	9.71	0.19	9.90			
AV	8.028M	26.63	50.00	-23.37	19.80	Line	-	6.83	9.71	0.19	9.90			

### Conducted Emissions at Powerline\_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	167.071k	57.25	65.10	-7.85	19.63	Neutral	-	37.62	9.69	0.04	9.90			
AV	167.071k	39.14	55.10	-15.96	19.63	Neutral	-	19.51	9.69	0.04	9.90			
QP	201.551k	49.62	63.55	-13.93	19.62	Neutral	-	30.00	9.68	0.04	9.90			
AV	201.551k	32.97	53.55	-20.58	19.62	Neutral	-	13.35	9.68	0.04	9.90			
QP	333.299k	38.76	59.37	-20.61	19.62	Neutral	-	19.14	9.67	0.05	9.90			
AV	333.299k	24.94	49.37	-24.43	19.62	Neutral	-	5.32	9.67	0.05	9.90			
QP	2.256M	25.02	56.00	-30.98	19.61	Neutral	-	5.41	9.68	0.11	9.82			
AV	2.256M	20.50	46.00	-25.50	19.61	Neutral	-	0.89	9.68	0.11	9.82			
QP	4.008M	39.37	56.00	-16.63	19.73	Neutral	-	19.64	9.69	0.14	9.90			
AV	4.008M	32.83	46.00	-13.17	19.73	Neutral	-	13.10	9.69	0.14	9.90			
QP	8.06M	32.67	60.00	-27.33	19.81	Neutral	-	12.86	9.72	0.19	9.90			
AV	8.06M	26.16	50.00	-23.84	19.81	Neutral	-	6.35	9.72	0.19	9.90			



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	35.34M	17.211M	17M2D1D	19.35M	15.082M
802.11ac VHT20_Nss1,(MCS0)_4TX	35.76M	18.501M	18M5D1D	24.66M	18.021M
802.11ac VHT40_Nss1,(MCS0)_4TX	51.6M	37.001M	37MOD1D	43.92M	36.702M
802.11ac VHT80_Nss1,(MCS0)_4TX	93.6M	76.642M	76M6D1D	89.4M	76.282M
802.11ax HEW20_Nss1,(MCS0)_4TX	36.57M	19.19M	19M2D1D	24.06M	19.04M
802.11ax HEW40_Nss1,(MCS0)_4TX	46.08M	38.261M	38M3D1D	43.56M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	89.76M	77.961M	78MOD1D	86.88M	77.721M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	17.931M	17M9D1D	16.32M	17.121M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.64M	18.981M	19MOD1D	17.55M	18.171M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.3M	37.901M	37M9D1D	36.3M	36.882M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.32M	76.522M	76M5D1D	75.72M	76.162M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.02M	19.31M	19M3D1D	18.93M	19.16M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.1M	38.501M	38M5D1D	37.8M	38.141M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.88M	77.961M	78MOD1D	77.4M	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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.81M	16.792M	24.21M	16.852M	23.46M	16.822M	19.35M	15.082M
5200MHz	Pass	Inf	32.49M	16.972M	30.3M	17.001M	32.52M	16.972M	27.57M	17.001M
5240MHz	Pass	Inf	34.74M	16.972M	35.34M	17.211M	33.27M	17.151M	30.42M	17.151M
5745MHz	Pass	500k	16.32M	17.691M	16.32M	17.121M	16.35M	17.721M	16.32M	17.271M
5785MHz	Pass	500k	16.32M	17.391M	16.35M	17.361M	16.35M	17.751M	16.32M	17.931M
5825MHz	Pass	500k	16.32M	17.331M	16.35M	17.181M	16.35M	17.241M	16.32M	17.601M
802.11ac_VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.66M	18.051M	24.78M	18.021M	25.62M	18.051M	26.31M	18.081M
5200MHz	Pass	Inf	28.11M	18.231M	29.31M	18.171M	30.63M	18.291M	29.4M	18.201M
5240MHz	Pass	Inf	35.1M	18.411M	32.1M	18.291M	35.76M	18.501M	34.89M	18.411M
5745MHz	Pass	500k	17.58M	18.171M	17.58M	18.321M	17.58M	18.231M	17.55M	18.351M
5785MHz	Pass	500k	17.58M	18.711M	17.64M	18.441M	17.58M	18.561M	17.58M	18.981M
5825MHz	Pass	500k	17.61M	18.321M	17.58M	18.471M	17.61M	18.351M	17.58M	18.561M
802.11ac_VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.88M	36.762M	43.92M	36.762M	45.12M	36.702M	46.56M	36.882M
5230MHz	Pass	Inf	48.9M	36.822M	47.94M	36.942M	51.3M	36.822M	51.6M	37.001M
5755MHz	Pass	500k	36.3M	36.942M	36.3M	37.001M	36.3M	36.882M	36.3M	37.061M
5795MHz	Pass	500k	36.3M	37.301M	36.3M	37.301M	36.3M	36.882M	36.3M	37.901M
802.11ac_VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	89.4M	76.282M	90.84M	76.402M	91.92M	76.642M	93.6M	76.402M
5775MHz	Pass	500k	76.32M	76.282M	75.72M	76.162M	76.32M	76.402M	76.32M	76.522M
802.11ax_HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.75M	19.04M	24.06M	19.07M	24.81M	19.04M	25.38M	19.07M
5200MHz	Pass	Inf	25.62M	19.04M	24.9M	19.1M	25.11M	19.1M	25.38M	19.07M
5240MHz	Pass	Inf	36.36M	19.19M	36.21M	19.16M	36.09M	19.19M	36.57M	19.13M
5745MHz	Pass	500k	18.96M	19.22M	18.96M	19.22M	18.93M	19.31M	18.99M	19.16M
5785MHz	Pass	500k	18.96M	19.19M	18.99M	19.22M	18.99M	19.22M	18.96M	19.28M
5825MHz	Pass	500k	18.99M	19.22M	18.99M	19.19M	19.02M	19.19M	18.93M	19.31M
802.11ax_HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.88M	38.141M	44.7M	38.261M	43.56M	38.201M	43.8M	38.261M
5230MHz	Pass	Inf	45.78M	38.201M	46.08M	38.261M	44.82M	38.261M	44.4M	38.201M
5755MHz	Pass	500k	38.1M	38.381M	38.1M	38.141M	37.92M	38.441M	37.8M	38.261M
5795MHz	Pass	500k	38.04M	38.501M	37.92M	38.261M	37.92M	38.501M	37.98M	38.321M
802.11ax_HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	87.72M	77.841M	89.76M	77.721M	88.08M	77.961M	86.88M	77.721M
5775MHz	Pass	500k	77.88M	77.721M	77.52M	77.961M	77.4M	77.961M	77.76M	77.961M

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



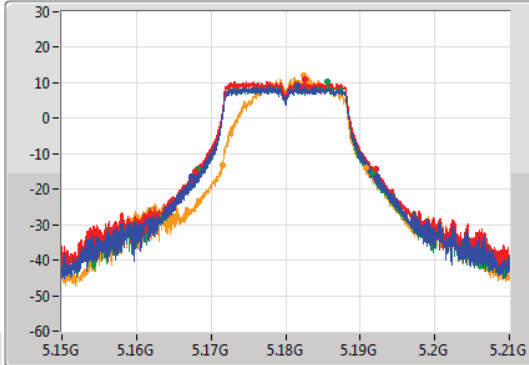
802.11a\_Nss1,(6Mbps)\_4TX

EBW

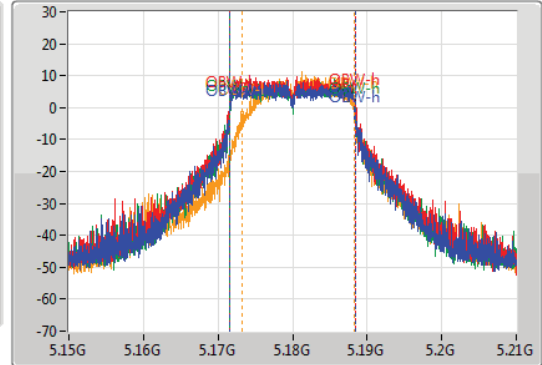
5180MHz

09/12/2020

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  
Sample



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
24.81M	5.16746G	5.19227G	16.792M	5.171574G	5.188366G	Inf	1
24.21M	5.16788G	5.19209G	16.852M	5.171544G	5.188396G	Inf	2
23.46M	5.1683G	5.19176G	16.822M	5.171574G	5.188396G	Inf	3
19.35M	5.17151G	5.19086G	15.082M	5.173193G	5.188276G	Inf	4

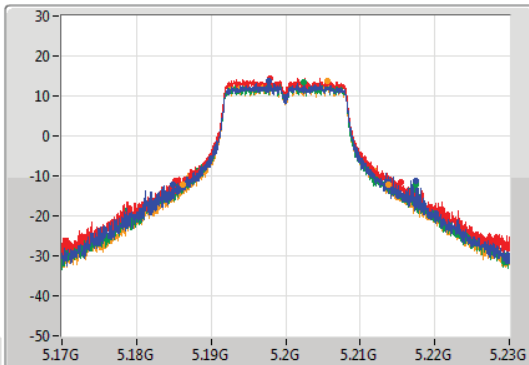
802.11a\_Nss1,(6Mbps)\_4TX

EBW

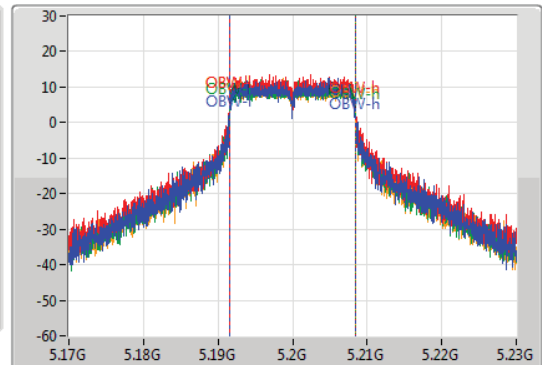
5200MHz

09/12/2020

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  
Sample



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
32.49M	5.18494G	5.21743G	16.972M	5.191484G	5.208456G	Inf	1
30.3M	5.18524G	5.21554G	17.001M	5.191484G	5.208486G	Inf	2
32.52M	5.185G	5.21752G	16.972M	5.191484G	5.208456G	Inf	3
27.57M	5.18617G	5.21374G	17.001M	5.191514G	5.208516G	Inf	4

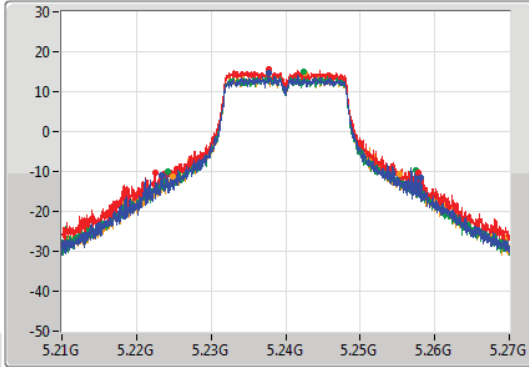
802.11a\_Nss1,(6Mbps)\_4TX

EBW

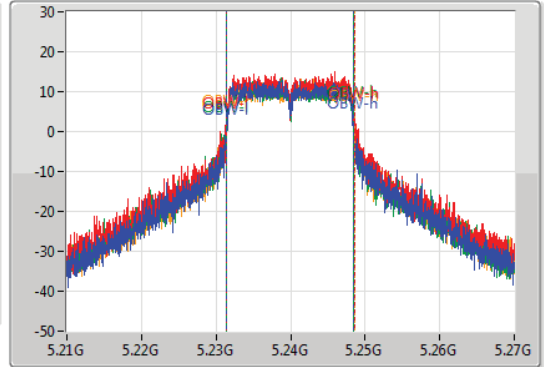
5240MHz

09/12/2020

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  
Sample



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
34.74M	5.22344G	5.25818G	16.972M	5.231454G	5.248426G	Inf	1
35.34M	5.22251G	5.25785G	17.211M	5.231394G	5.248606G	Inf	2
33.27M	5.22416G	5.25743G	17.151M	5.231364G	5.248516G	Inf	3
30.42M	5.22485G	5.25527G	17.151M	5.231394G	5.248546G	Inf	4

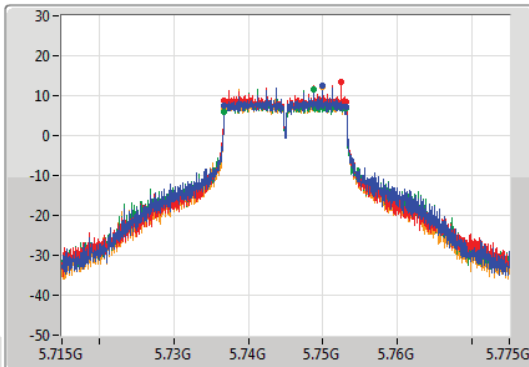
802.11a\_Nss1,(6Mbps)\_4TX

EBW

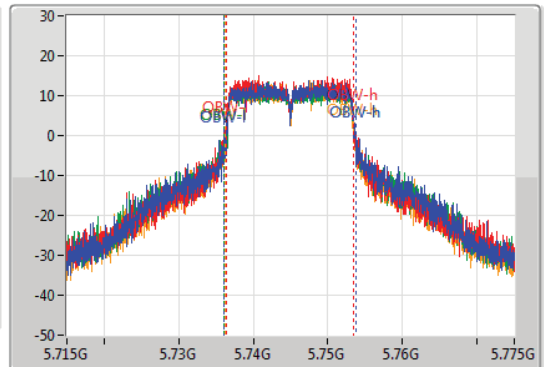
5745MHz

09/12/2020

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  
Sample



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	17.691M	5.736124G	5.753816G	500k	1
16.32M	5.73681G	5.75313G	17.121M	5.736394G	5.753516G	500k	2
16.35M	5.73678G	5.75313G	17.721M	5.736064G	5.753786G	500k	3
16.32M	5.73681G	5.75313G	17.271M	5.736244G	5.753516G	500k	4

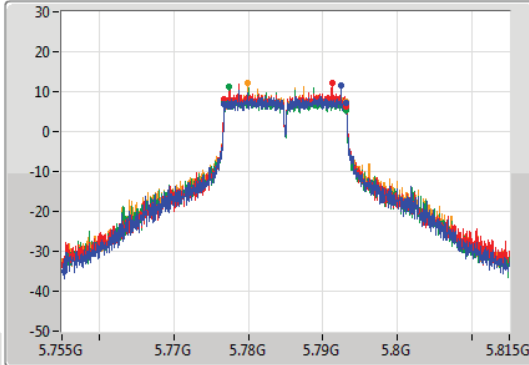
802.11a\_Nss1,(6Mbps)\_4TX

EBW

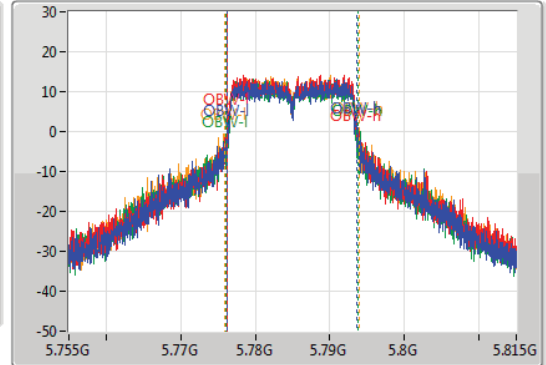
5785MHz

09/12/2020

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  
Sample



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	17.391M	5.776274G	5.793666G	500k	1
16.35M	5.77681G	5.79316G	17.361M	5.776304G	5.793666G	500k	2
16.35M	5.77681G	5.79316G	17.751M	5.776004G	5.793756G	500k	3
16.32M	5.77681G	5.79313G	17.931M	5.775945G	5.793876G	500k	4

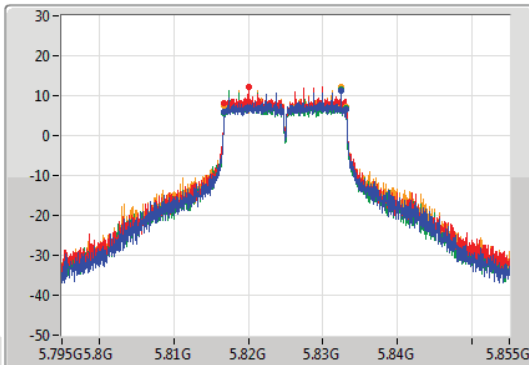
802.11a\_Nss1,(6Mbps)\_4TX

EBW

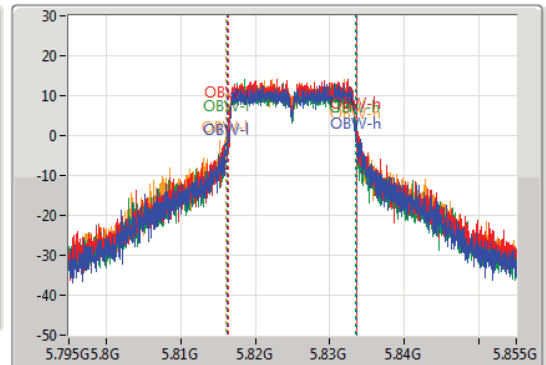
5825MHz

09/12/2020

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  
Sample



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	5.81681G	5.83313G	17.331M	5.816304G	5.833636G	500k	1
16.35M	5.81681G	5.83316G	17.181M	5.816394G	5.833576G	500k	2
16.35M	5.81678G	5.83313G	17.241M	5.816244G	5.833486G	500k	3
16.32M	5.81681G	5.83313G	17.601M	5.816004G	5.833606G	500k	4

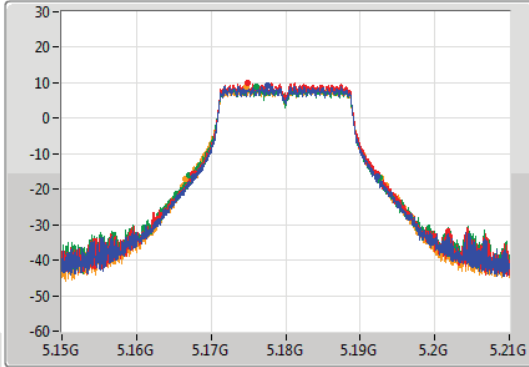
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

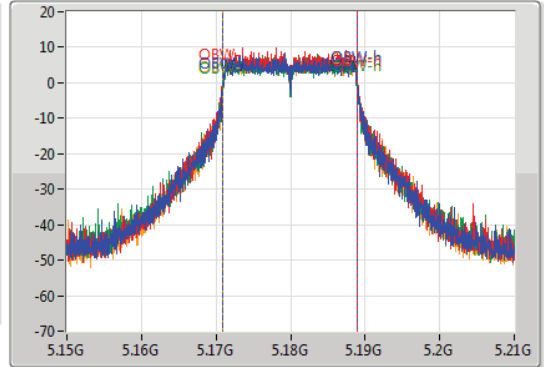
5180MHz

15/12/2020

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  
Sample



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
24.66M	5.1677G	5.19236G	18.051M	5.170945G	5.188996G	Inf	1
24.78M	5.16758G	5.19236G	18.021M	5.170945G	5.188966G	Inf	2
25.62M	5.16701G	5.19263G	18.051M	5.170945G	5.188996G	Inf	3
26.31M	5.16647G	5.19278G	18.081M	5.170915G	5.188996G	Inf	4

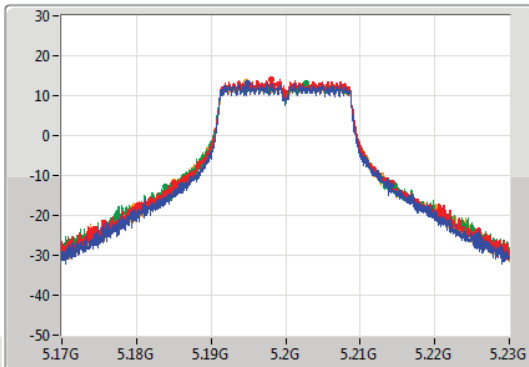
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

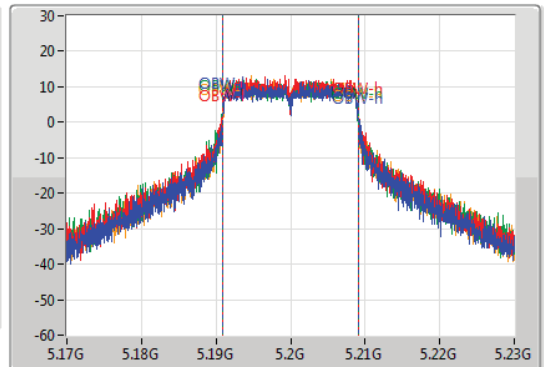
5200MHz

15/12/2020

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  
Sample



Port 1  
Port 2  
Port 3  
Port 4

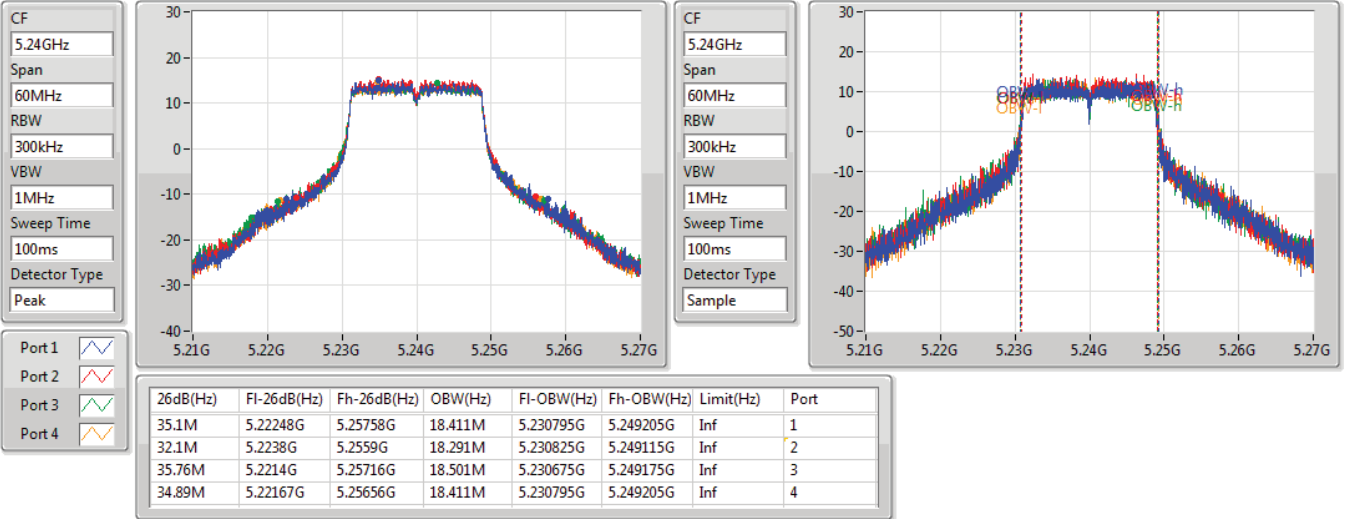
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.11M	5.18608G	5.21419G	18.231M	5.190915G	5.209145G	Inf	1
29.31M	5.18506G	5.21437G	18.171M	5.190885G	5.209055G	Inf	2
30.63M	5.18395G	5.21458G	18.291M	5.190825G	5.209115G	Inf	3
29.4M	5.18512G	5.21452G	18.201M	5.190885G	5.209085G	Inf	4

802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5240MHz

15/12/2020

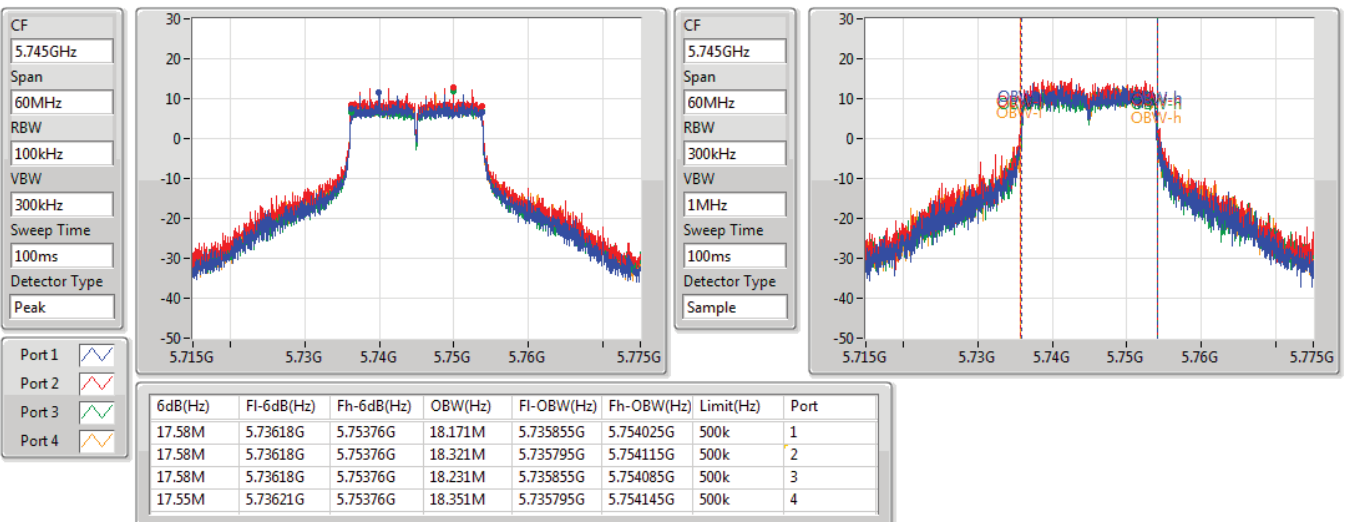


802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

5745MHz

16/12/2020



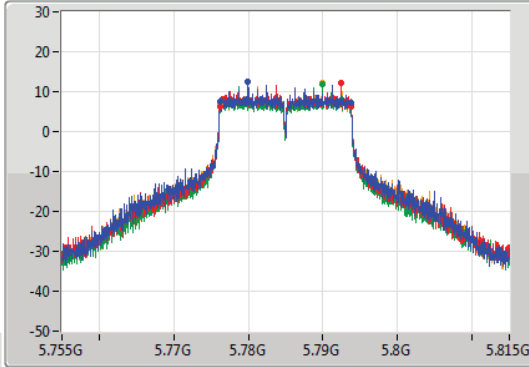
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

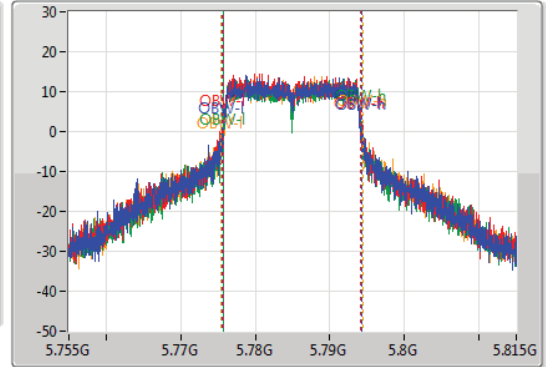
5785MHz

16/12/2020

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  
Sample



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
17.58M	5.77618G	5.79376G	18.711M	5.775585G	5.794295G	500k	1
17.64M	5.77615G	5.79379G	18.441M	5.775705G	5.794145G	500k	2
17.58M	5.77618G	5.79376G	18.561M	5.775675G	5.794235G	500k	3
17.58M	5.77618G	5.79376G	18.981M	5.775435G	5.794415G	500k	4

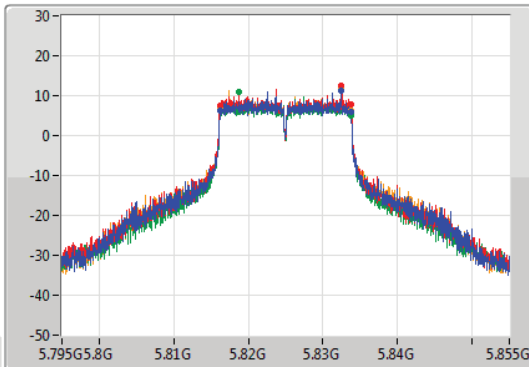
802.11ac VHT20\_Nss1,(MCS0)\_4TX

EBW

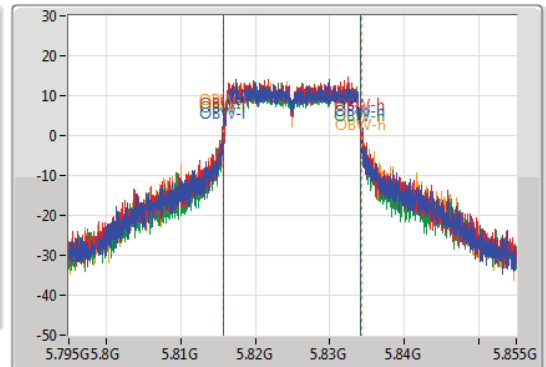
5825MHz

16/12/2020

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  
Sample



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
17.61M	5.81618G	5.83379G	18.321M	5.815765G	5.834085G	500k	1
17.58M	5.81618G	5.83376G	18.471M	5.815675G	5.834145G	500k	2
17.61M	5.81618G	5.83379G	18.351M	5.815765G	5.834115G	500k	3
17.58M	5.81618G	5.83376G	18.561M	5.815705G	5.834265G	500k	4

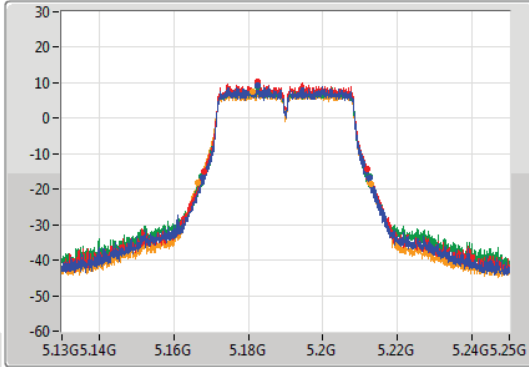
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

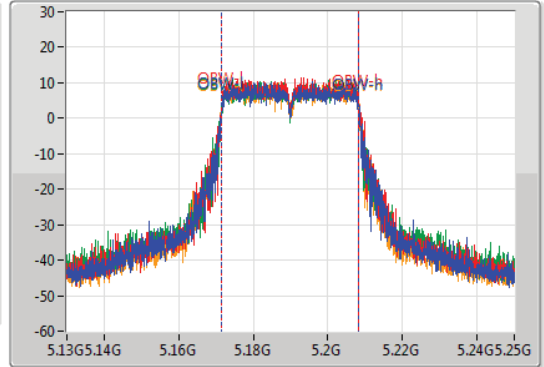
5190MHz

16/12/2020

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  
Sample



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
44.88M	5.1678G	5.21268G	36.762M	5.171589G	5.208351G	Inf	1
43.92M	5.16798G	5.2119G	36.762M	5.171589G	5.208351G	Inf	2
45.12M	5.16738G	5.2125G	36.702M	5.171589G	5.208291G	Inf	3
46.56M	5.16636G	5.21292G	36.882M	5.171469G	5.208351G	Inf	4

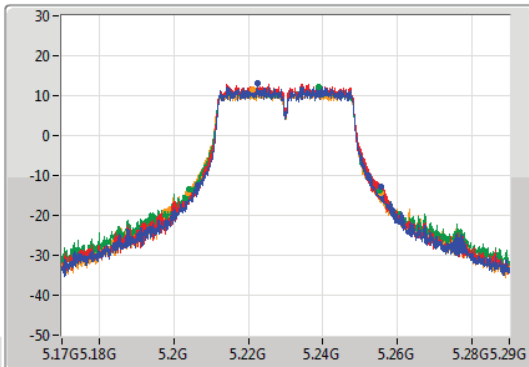
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

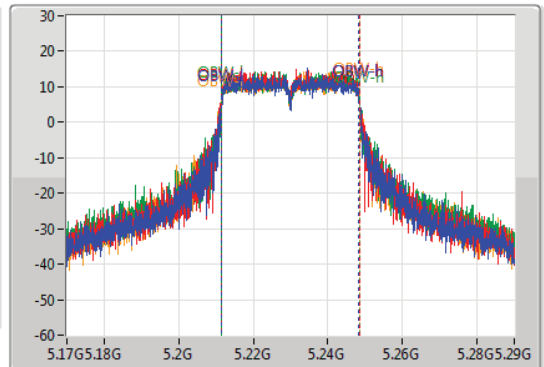
5230MHz

16/12/2020

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  
Sample



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
48.9M	5.20654G	5.25544G	36.822M	5.211529G	5.248351G	Inf	1
47.94M	5.2063G	5.25424G	36.942M	5.211469G	5.248411G	Inf	2
51.3M	5.20402G	5.25532G	36.822M	5.211589G	5.248411G	Inf	3
51.6M	5.2039G	5.2555G	37.001M	5.211409G	5.248411G	Inf	4

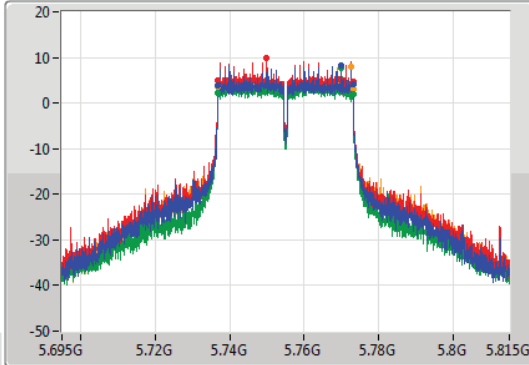
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

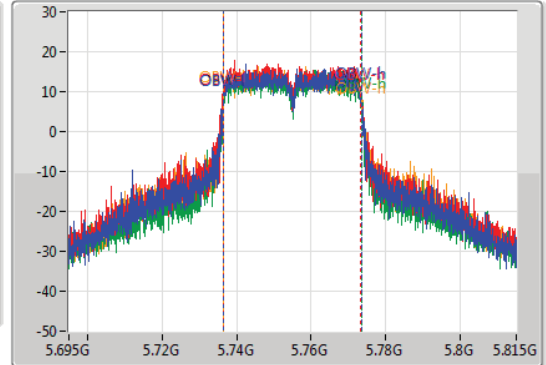
5755MHz

16/12/2020

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  
Sample



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
36.3M	5.73682G	5.77312G	36.942M	5.736469G	5.773411G	500k	1
36.3M	5.73682G	5.77312G	37.001M	5.736349G	5.773351G	500k	2
36.3M	5.73682G	5.77312G	36.882M	5.736529G	5.773411G	500k	3
36.3M	5.73682G	5.77312G	37.061M	5.736529G	5.773591G	500k	4

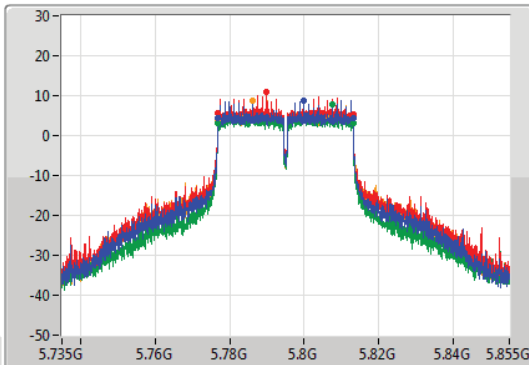
802.11ac VHT40\_Nss1,(MCS0)\_4TX

EBW

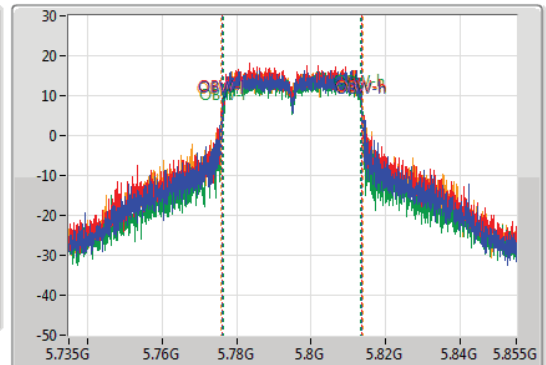
5795MHz

16/12/2020

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  
Sample



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
36.3M	5.77682G	5.81312G	37.301M	5.776229G	5.813531G	500k	1
36.3M	5.77682G	5.81312G	37.301M	5.776229G	5.813531G	500k	2
36.3M	5.77682G	5.81312G	36.882M	5.776469G	5.813351G	500k	3
36.3M	5.77682G	5.81312G	37.901M	5.77593G	5.813831G	500k	4



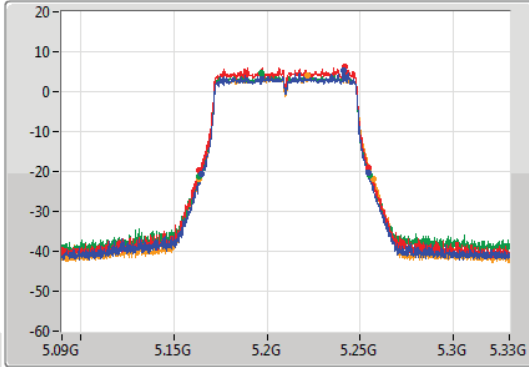
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

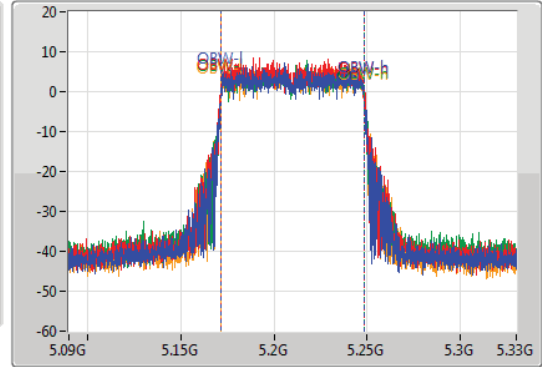
5210MHz

16/12/2020

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  
Sample



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
89.4M	5.165G	5.2544G	76.282M	5.171859G	5.248141G	Inf	1
90.84M	5.1638G	5.25464G	76.402M	5.171739G	5.248141G	Inf	2
91.92M	5.16344G	5.25536G	76.642M	5.171619G	5.248261G	Inf	3
93.6M	5.16368G	5.25728G	76.402M	5.171739G	5.248141G	Inf	4

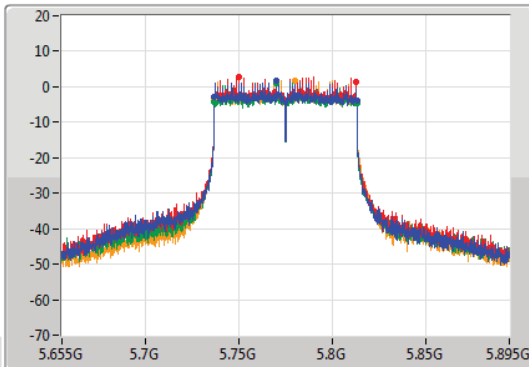
802.11ac VHT80\_Nss1,(MCS0)\_4TX

EBW

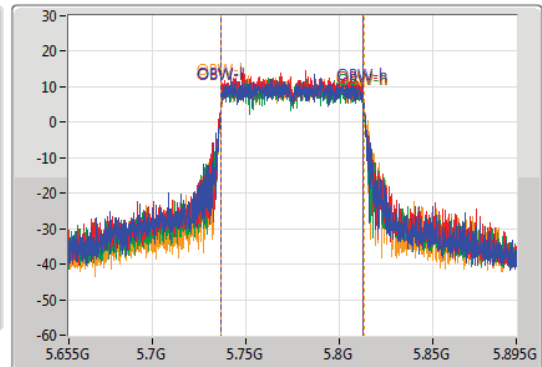
5775MHz

16/12/2020

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  
Sample



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
76.32M	5.73684G	5.81316G	76.282M	5.736739G	5.813021G	500k	1
75.72M	5.73684G	5.81256G	76.162M	5.736859G	5.813021G	500k	2
76.32M	5.73684G	5.81316G	76.402M	5.736619G	5.813021G	500k	3
76.32M	5.73684G	5.81316G	76.522M	5.736619G	5.813141G	500k	4

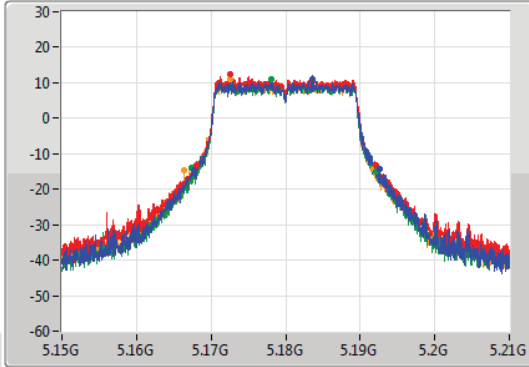
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

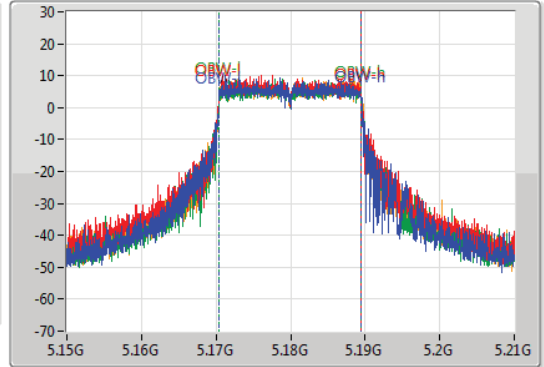
5180MHz

09/12/2020

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  
Sample



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
24.75M	5.16779G	5.19254G	19.04M	5.170435G	5.189475G	Inf	1
24.06M	5.168G	5.19206G	19.07M	5.170435G	5.189505G	Inf	2
24.81M	5.16737G	5.19218G	19.04M	5.170435G	5.189475G	Inf	3
25.38M	5.16635G	5.19173G	19.07M	5.170435G	5.189505G	Inf	4

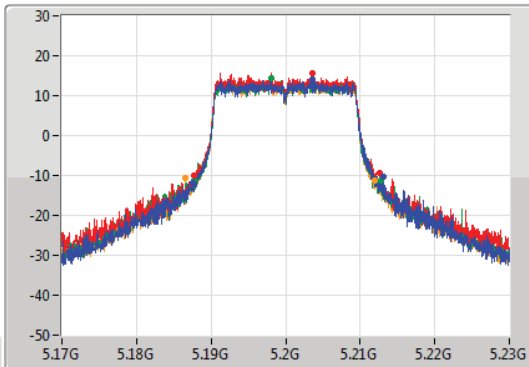
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

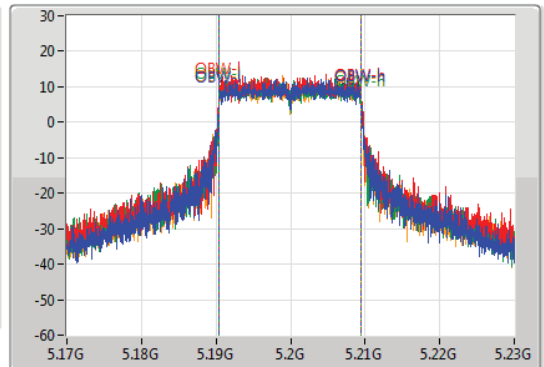
5200MHz

09/12/2020

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  
Sample



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
25.62M	5.18755G	5.21317G	19.04M	5.190435G	5.209475G	Inf	1
24.9M	5.18776G	5.21266G	19.1M	5.190375G	5.209475G	Inf	2
25.11M	5.18773G	5.21284G	19.1M	5.190405G	5.209505G	Inf	3
25.38M	5.18653G	5.21191G	19.07M	5.190435G	5.209505G	Inf	4

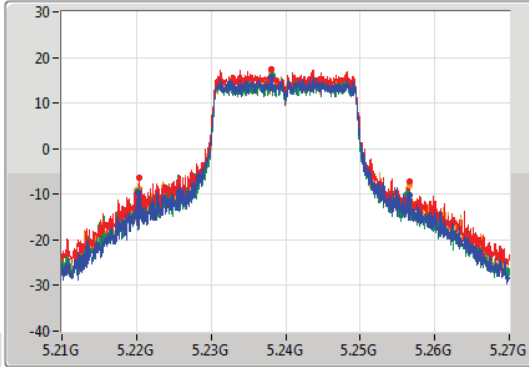
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

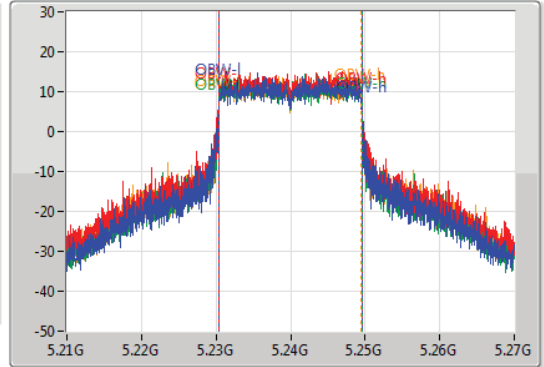
5240MHz

09/12/2020

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  
Sample



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
36.36M	5.22023G	5.25659G	19.19M	5.230345G	5.249535G	Inf	1
36.21M	5.22035G	5.25656G	19.16M	5.230375G	5.249535G	Inf	2
36.09M	5.22014G	5.25623G	19.19M	5.230375G	5.249565G	Inf	3
36.57M	5.22005G	5.25662G	19.13M	5.230375G	5.249505G	Inf	4

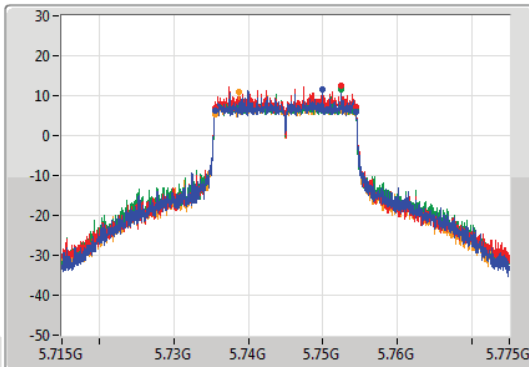
802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

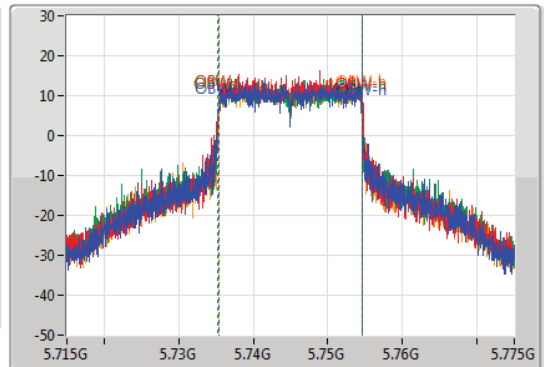
5745MHz

09/12/2020

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  
Sample



Port 1  
Port 2  
Port 3  
Port 4

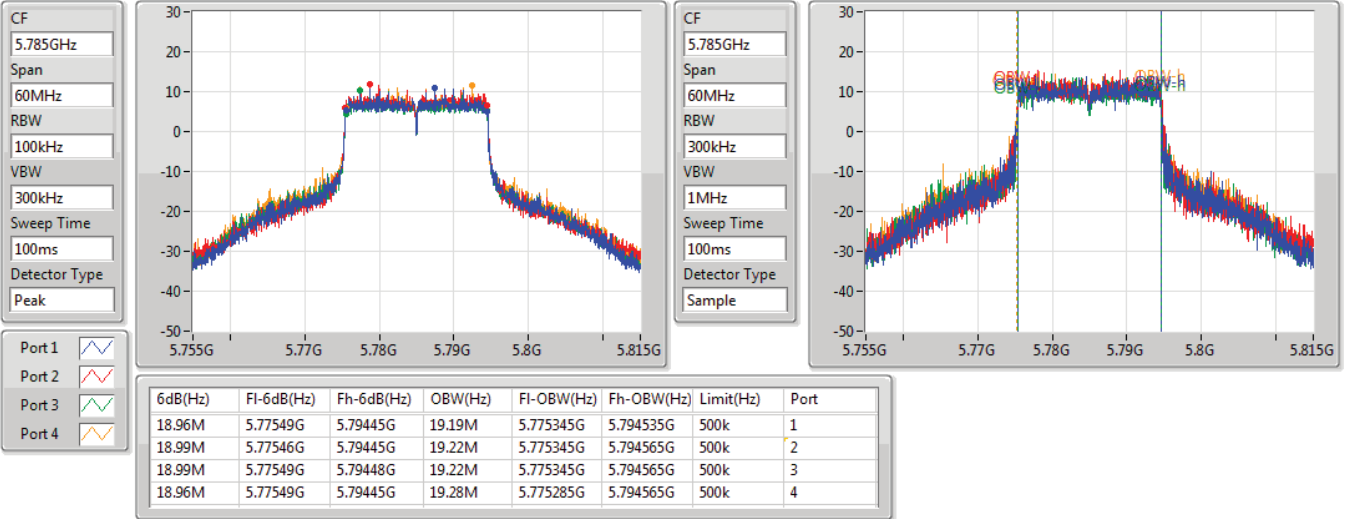
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.73549G	5.75445G	19.22M	5.735315G	5.754535G	500k	1
18.96M	5.73549G	5.75445G	19.22M	5.735345G	5.754565G	500k	2
18.93M	5.73552G	5.75445G	19.31M	5.735285G	5.754595G	500k	3
18.99M	5.73549G	5.75448G	19.16M	5.735375G	5.754535G	500k	4

802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5785MHz

09/12/2020

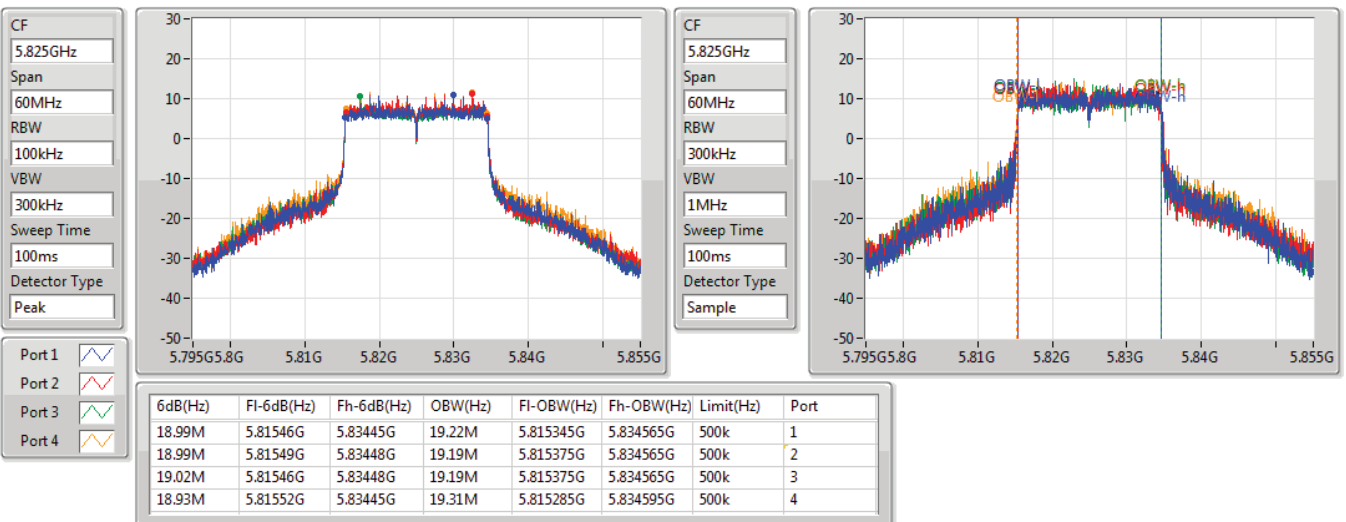


802.11ax HEW20\_Nss1,(MCS0)\_4TX

EBW

5825MHz

09/12/2020



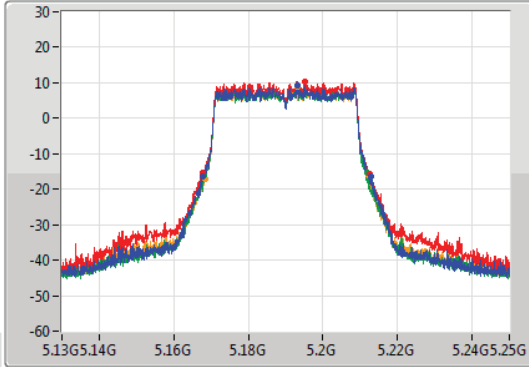
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

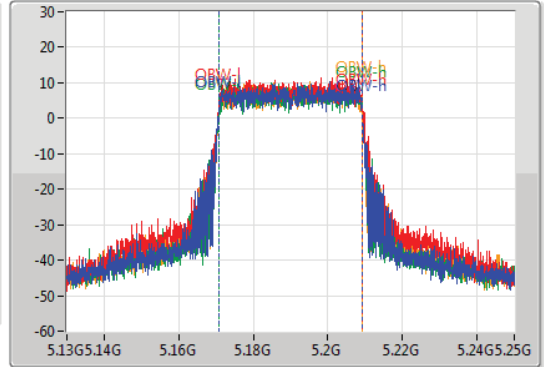
5190MHz

09/12/2020

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  
Sample



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
44.88M	5.16786G	5.21274G	38.141M	5.17093G	5.20907G	Inf	1
44.7M	5.16786G	5.21256G	38.261M	5.17087G	5.20913G	Inf	2
43.56M	5.16822G	5.21178G	38.201M	5.17087G	5.20907G	Inf	3
43.8M	5.16828G	5.21208G	38.261M	5.17087G	5.20913G	Inf	4

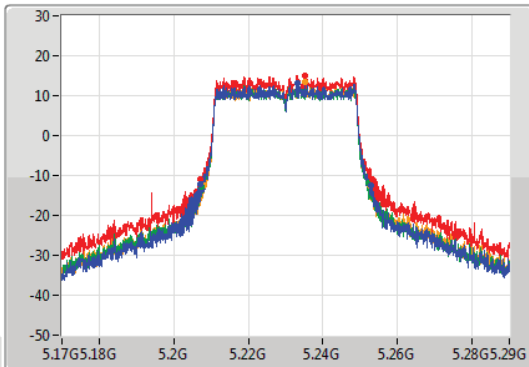
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

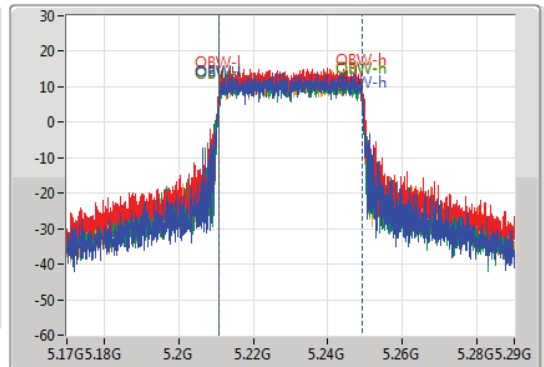
5230MHz

09/12/2020

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  
Sample



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
45.78M	5.20708G	5.25286G	38.201M	5.21087G	5.24907G	Inf	1
46.08M	5.20714G	5.25322G	38.261M	5.21087G	5.24913G	Inf	2
44.82M	5.20744G	5.25226G	38.261M	5.21081G	5.24907G	Inf	3
44.4M	5.20822G	5.25262G	38.201M	5.21087G	5.24907G	Inf	4

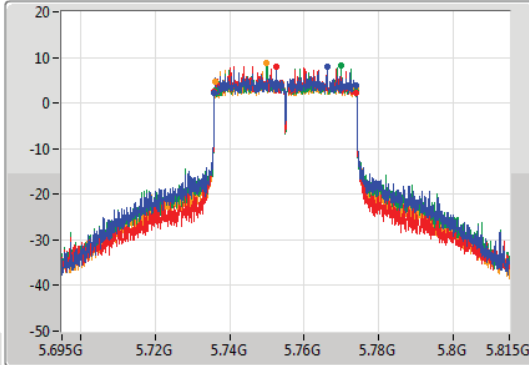
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

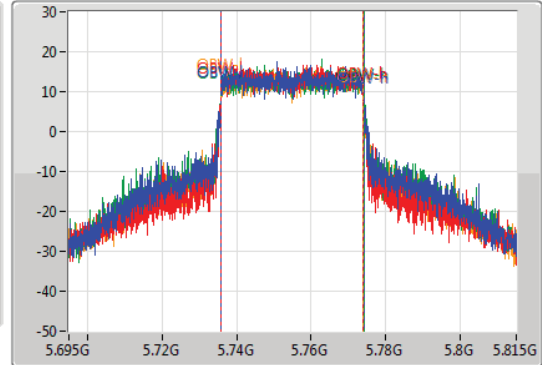
5755MHz

09/12/2020

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  
Sample



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
38.1M	5.73592G	5.77402G	38.381M	5.73581G	5.77419G	500k	1
38.1M	5.73592G	5.77402G	38.141M	5.73587G	5.77401G	500k	2
37.92M	5.73604G	5.77396G	38.441M	5.73569G	5.77413G	500k	3
37.8M	5.73616G	5.77396G	38.261M	5.73575G	5.77401G	500k	4

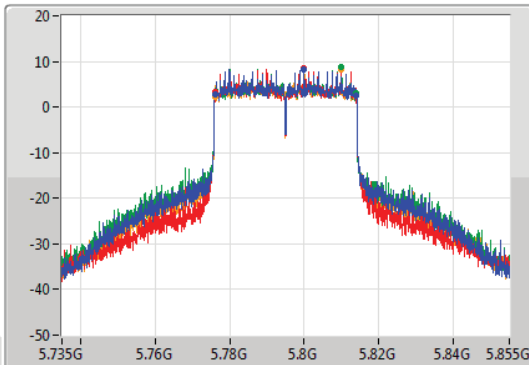
802.11ax HEW40\_Nss1,(MCS0)\_4TX

EBW

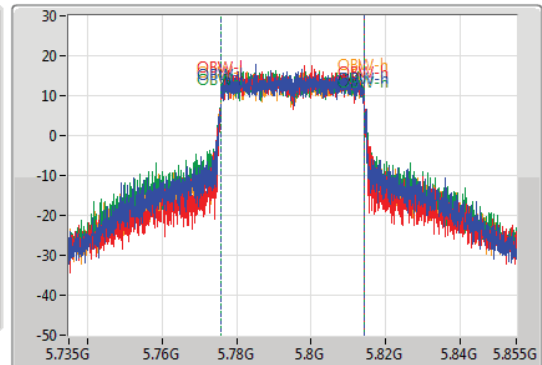
5795MHz

09/12/2020

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  
Sample



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
38.04M	5.77598G	5.81402G	38.501M	5.77569G	5.81419G	500k	1
37.92M	5.77604G	5.81396G	38.261M	5.77587G	5.81413G	500k	2
37.92M	5.77598G	5.8139G	38.501M	5.77569G	5.81419G	500k	3
37.98M	5.77598G	5.81396G	38.321M	5.77581G	5.81413G	500k	4

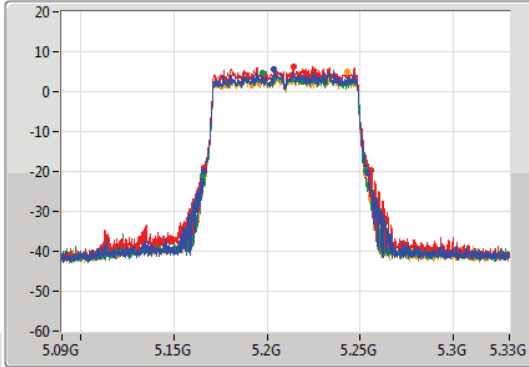
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

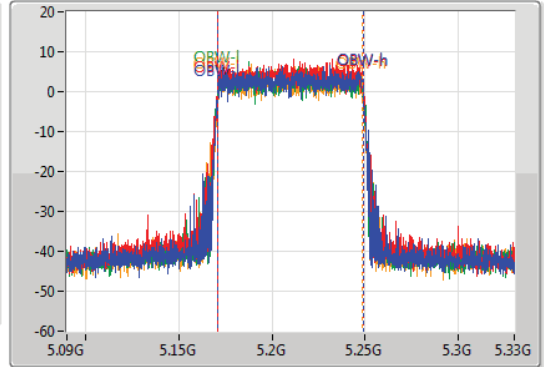
5210MHz

09/12/2020

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  
Sample



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
87.72M	5.1662G	5.25392G	77.841M	5.171019G	5.248861G	Inf	1
89.76M	5.16596G	5.25572G	77.721M	5.171139G	5.248861G	Inf	2
88.08M	5.16524G	5.25332G	77.961M	5.171019G	5.248981G	Inf	3
86.88M	5.16632G	5.2532G	77.721M	5.171019G	5.248741G	Inf	4

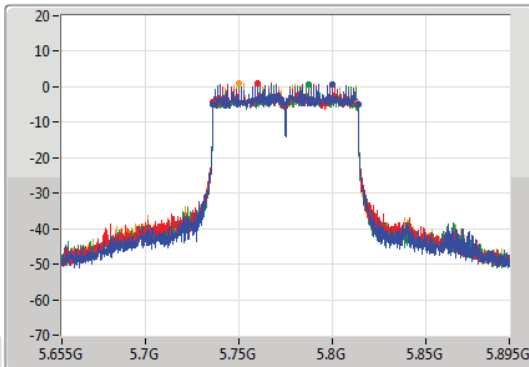
802.11ax HEW80\_Nss1,(MCS0)\_4TX

EBW

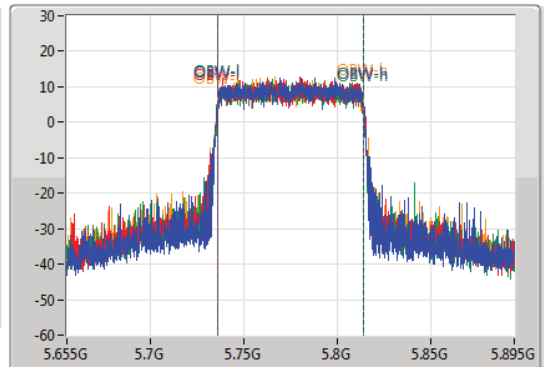
5775MHz

09/12/2020

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  
Sample



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
77.88M	5.736G	5.81388G	77.721M	5.736139G	5.813861G	500k	1
77.52M	5.73612G	5.81364G	77.961M	5.7359G	5.813861G	500k	2
77.4M	5.73612G	5.81352G	77.961M	5.7359G	5.813861G	500k	3
77.76M	5.73588G	5.81364G	77.961M	5.7359G	5.813861G	500k	4



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	38.25M	18.471M	18M5D1D	23.73M	17.931M
802.11ac VHT40_Nss4,(MCS0)_4TX	47.88M	37.001M	37M0D1D	43.44M	36.642M
802.11ac VHT80_Nss4,(MCS0)_4TX	94.92M	76.762M	76M8D1D	88.68M	76.282M
802.11ax HEW20_Nss4,(MCS0)_4TX	30.54M	19.16M	19M2D1D	23.79M	19.07M
802.11ax HEW40_Nss4,(MCS0)_4TX	45.66M	38.261M	38M3D1D	43.2M	38.021M
802.11ax HEW80_Nss4,(MCS0)_4TX	86.52M	78.081M	78M1D1D	85.92M	77.721M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	17.61M	18.801M	18M8D1D	17.55M	18.171M
802.11ac VHT40_Nss4,(MCS0)_4TX	36.36M	37.541M	37M5D1D	36.24M	36.942M
802.11ac VHT80_Nss4,(MCS0)_4TX	76.32M	76.762M	76M8D1D	75.84M	76.522M
802.11ax HEW20_Nss4,(MCS0)_4TX	18.96M	19.52M	19M5D1D	18.81M	19.13M
802.11ax HEW40_Nss4,(MCS0)_4TX	37.98M	38.561M	38M6D1D	37.74M	38.321M
802.11ax HEW80_Nss4,(MCS0)_4TX	77.88M	77.961M	78M0D1D	77.28M	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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.84M	18.021M	24.48M	17.931M	23.73M	18.021M	26.01M	18.081M
5200MHz	Pass	Inf	31.05M	18.111M	27.03M	18.171M	27.12M	18.231M	33M	18.201M
5240MHz	Pass	Inf	38.25M	18.351M	33.51M	18.231M	31.53M	18.471M	34.92M	18.351M
5745MHz	Pass	500k	17.58M	18.171M	17.61M	18.231M	17.55M	18.171M	17.55M	18.291M
5785MHz	Pass	500k	17.58M	18.801M	17.58M	18.531M	17.55M	18.471M	17.58M	18.681M
5825MHz	Pass	500k	17.58M	18.441M	17.55M	18.291M	17.55M	18.171M	17.55M	18.411M
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.58M	36.702M	44.1M	36.642M	43.44M	36.942M	45.12M	36.822M
5230MHz	Pass	Inf	47.4M	37.001M	46.02M	36.702M	47.52M	36.882M	47.88M	36.942M
5755MHz	Pass	500k	36.24M	37.061M	36.36M	36.942M	36.36M	37.061M	36.3M	37.181M
5795MHz	Pass	500k	36.3M	37.061M	36.3M	37.301M	36.36M	36.942M	36.3M	37.541M
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	88.68M	76.282M	92.4M	76.762M	88.92M	76.282M	94.92M	76.522M
5775MHz	Pass	500k	76.32M	76.642M	76.32M	76.762M	76.32M	76.522M	75.84M	76.762M
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.23M	19.07M	24.69M	19.1M	23.79M	19.1M	25.29M	19.13M
5200MHz	Pass	Inf	28.83M	19.13M	26.85M	19.1M	24.18M	19.13M	25.23M	19.16M
5240MHz	Pass	Inf	30.54M	19.13M	27.39M	19.16M	26.07M	19.13M	27.24M	19.16M
5745MHz	Pass	500k	18.93M	19.16M	18.93M	19.16M	18.9M	19.22M	18.9M	19.19M
5785MHz	Pass	500k	18.93M	19.19M	18.9M	19.13M	18.96M	19.22M	18.9M	19.34M
5825MHz	Pass	500k	18.96M	19.19M	18.96M	19.16M	18.81M	19.16M	18.87M	19.52M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.24M	38.201M	44.7M	38.201M	43.2M	38.141M	44.82M	38.141M
5230MHz	Pass	Inf	45.6M	38.201M	45.12M	38.261M	45.24M	38.021M	45.66M	38.141M
5755MHz	Pass	500k	37.98M	38.501M	37.8M	38.321M	37.74M	38.381M	37.74M	38.381M
5795MHz	Pass	500k	37.92M	38.561M	37.8M	38.321M	37.98M	38.561M	37.74M	38.441M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	85.92M	77.841M	86.52M	77.841M	85.92M	77.721M	86.4M	78.081M
5775MHz	Pass	500k	77.88M	77.721M	77.52M	77.961M	77.28M	77.721M	77.76M	77.721M

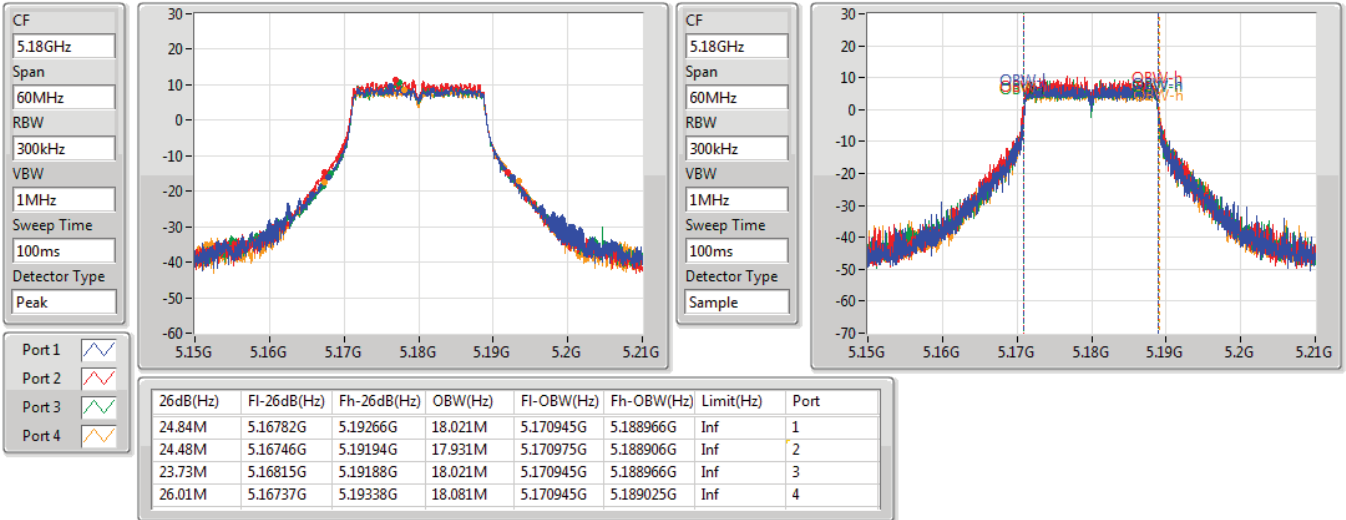
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5180MHz

16/12/2020

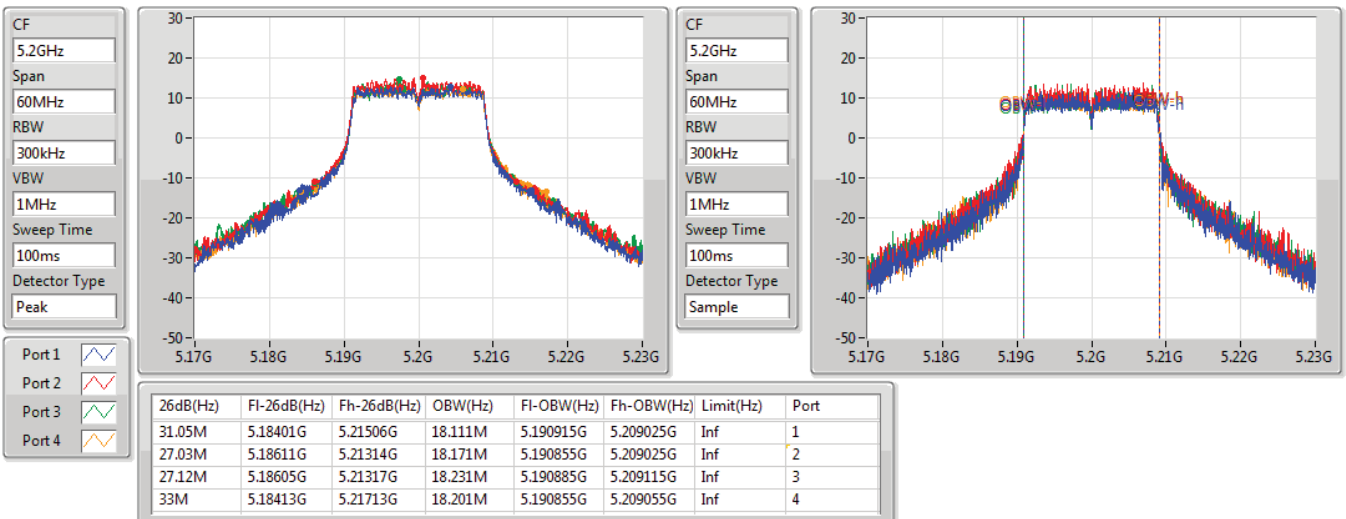


802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5200MHz

16/12/2020



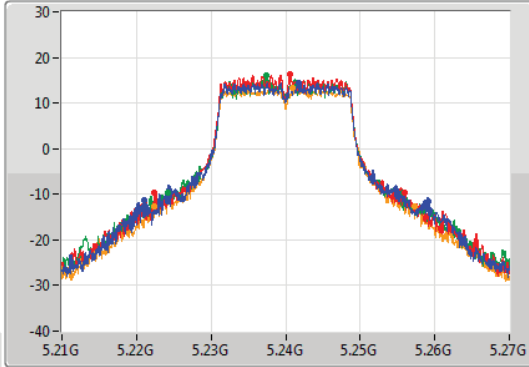
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

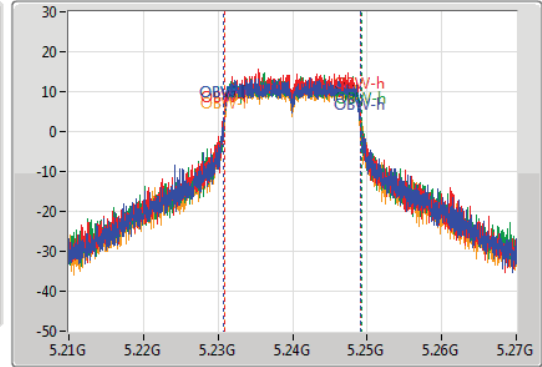
5240MHz

16/12/2020

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  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.25M	5.22095G	5.2592G	18.351M	5.230765G	5.249115G	Inf	1
33.51M	5.22242G	5.2593G	18.231M	5.230825G	5.249055G	Inf	2
31.53M	5.22428G	5.2581G	18.471M	5.230735G	5.249205G	Inf	3
34.92M	5.22233G	5.25725G	18.351M	5.230825G	5.249175G	Inf	4

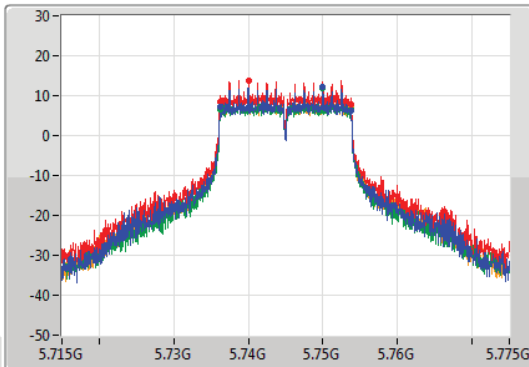
802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

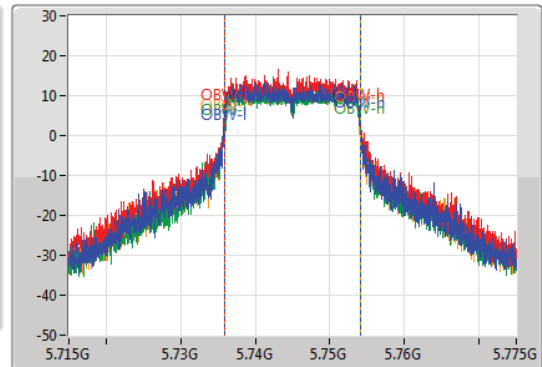
5745MHz

16/12/2020

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  
Sample



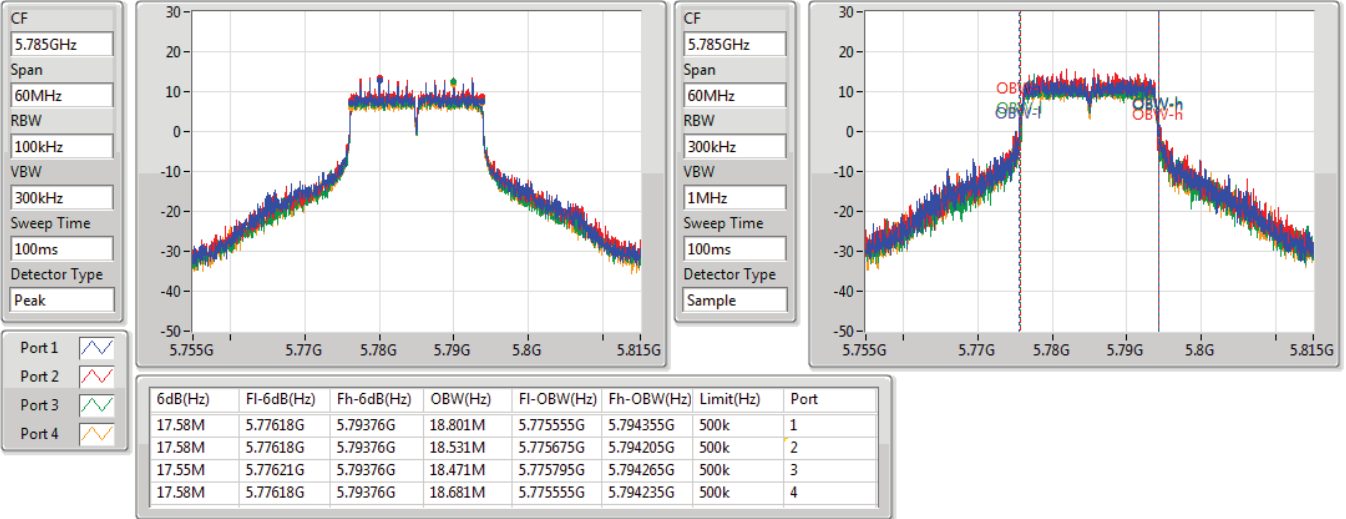
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.73621G	5.75379G	18.171M	5.735855G	5.754025G	500k	1
17.61M	5.73618G	5.75379G	18.231M	5.735855G	5.754085G	500k	2
17.55M	5.73621G	5.75376G	18.171M	5.735915G	5.754085G	500k	3
17.55M	5.73621G	5.75376G	18.291M	5.735855G	5.754145G	500k	4

802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5785MHz

16/12/2020

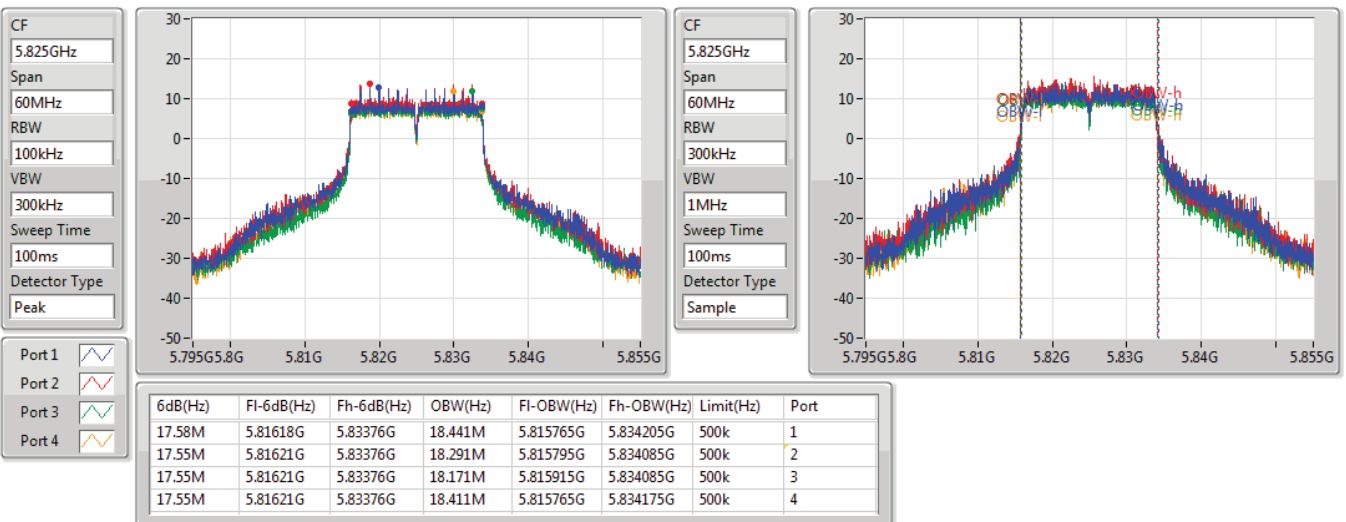


802.11ac VHT20\_Nss4,(MCS0)\_4TX

EBW

5825MHz

16/12/2020



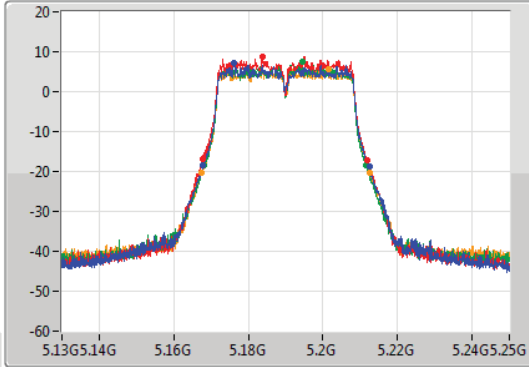
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

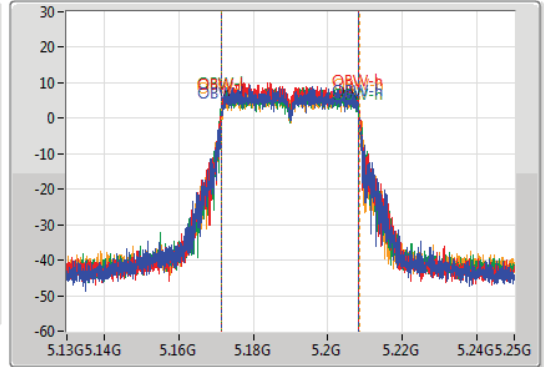
5190MHz

16/12/2020

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  
Sample



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
44.58M	5.16786G	5.21244G	36.702M	5.171589G	5.208291G	Inf	1
44.1M	5.16774G	5.21184G	36.642M	5.171589G	5.208231G	Inf	2
43.44M	5.1681G	5.21154G	36.942M	5.171409G	5.208351G	Inf	3
45.12M	5.16738G	5.2125G	36.822M	5.171589G	5.208411G	Inf	4

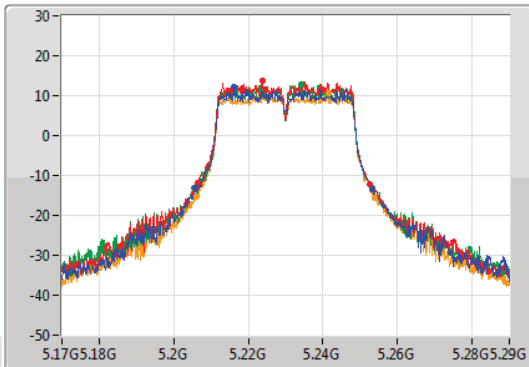
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

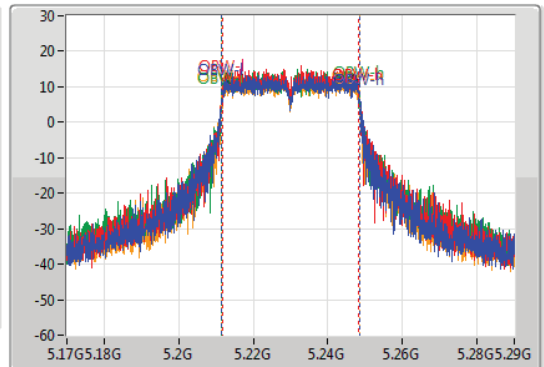
5230MHz

16/12/2020

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  
Sample



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
47.4M	5.20582G	5.25322G	37.001M	5.211469G	5.248471G	Inf	1
46.02M	5.20648G	5.2525G	36.702M	5.211649G	5.248351G	Inf	2
47.52M	5.20558G	5.2531G	36.882M	5.211589G	5.248471G	Inf	3
47.88M	5.20618G	5.25406G	36.942M	5.211469G	5.248411G	Inf	4

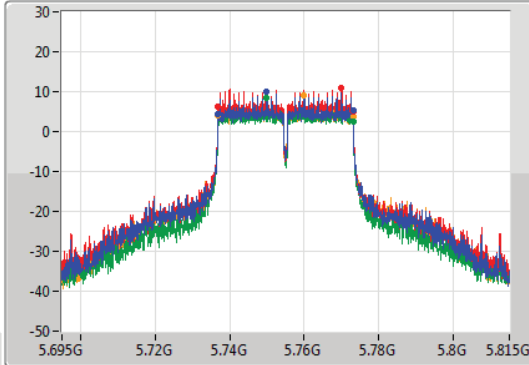
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

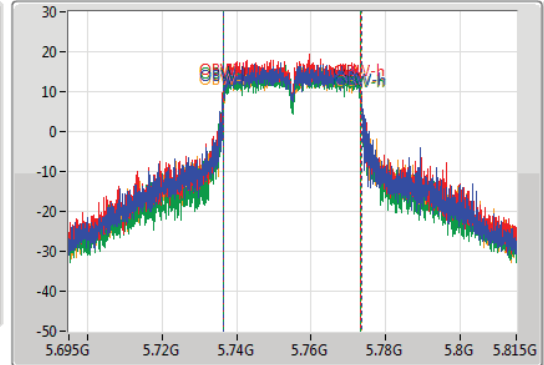
5755MHz

16/12/2020

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  
Sample



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
36.24M	5.73688G	5.77312G	37.061M	5.736349G	5.773411G	500k	1
36.36M	5.73682G	5.77318G	36.942M	5.736409G	5.773351G	500k	2
36.36M	5.73682G	5.77318G	37.061M	5.736289G	5.773351G	500k	3
36.3M	5.73682G	5.77312G	37.181M	5.736349G	5.773531G	500k	4

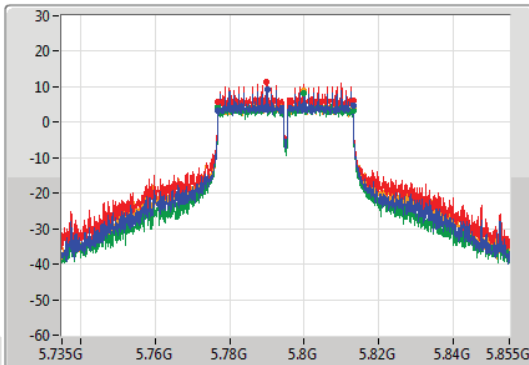
802.11ac VHT40\_Nss4,(MCS0)\_4TX

EBW

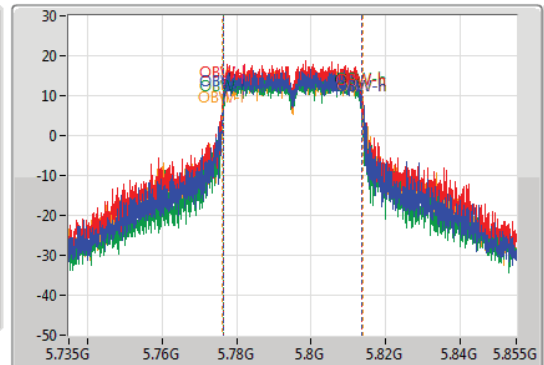
5795MHz

16/12/2020

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  
Sample



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
36.3M	5.77682G	5.81312G	37.061M	5.776469G	5.813531G	500k	1
36.3M	5.77682G	5.81312G	37.301M	5.776289G	5.813591G	500k	2
36.36M	5.77682G	5.81318G	36.942M	5.776469G	5.813411G	500k	3
36.3M	5.77682G	5.81312G	37.541M	5.776229G	5.813771G	500k	4

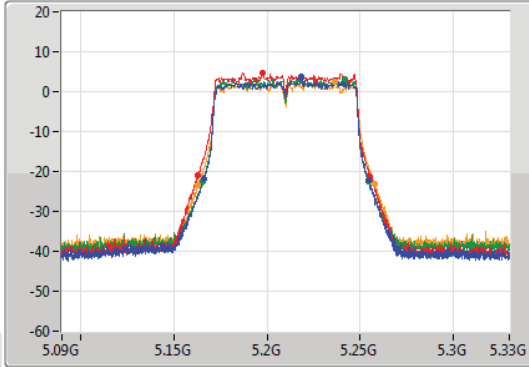
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

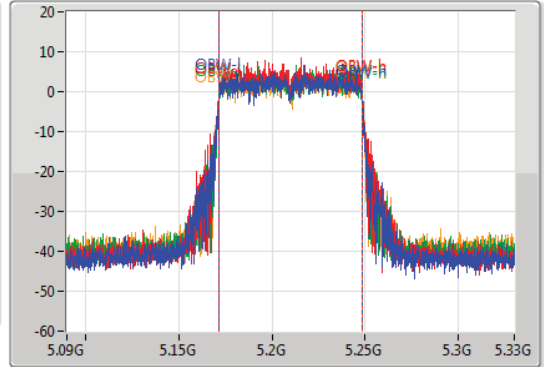
5210MHz

16/12/2020

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  
Sample



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
88.68M	5.16608G	5.25476G	76.282M	5.171859G	5.248141G	Inf	1
92.4M	5.16296G	5.25536G	76.762M	5.171619G	5.248381G	Inf	2
88.92M	5.16548G	5.2544G	76.282M	5.171859G	5.248141G	Inf	3
94.92M	5.16296G	5.25788G	76.522M	5.171619G	5.248141G	Inf	4

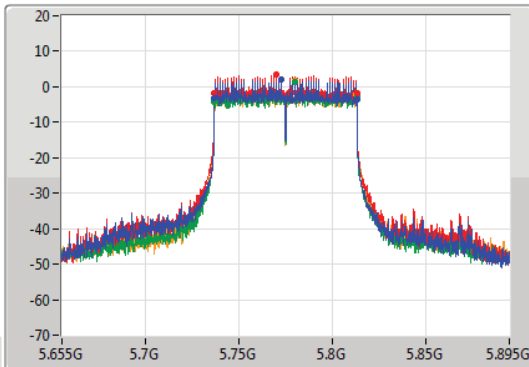
802.11ac VHT80\_Nss4,(MCS0)\_4TX

EBW

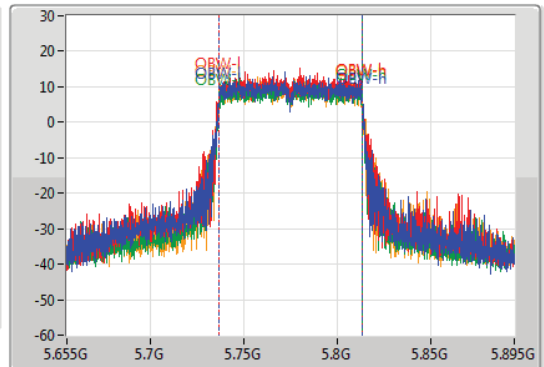
5775MHz

16/12/2020

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  
Sample



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
76.32M	5.73684G	5.81316G	76.642M	5.736619G	5.813261G	500k	1
76.32M	5.73684G	5.81316G	76.762M	5.736499G	5.813261G	500k	2
76.32M	5.73684G	5.81316G	76.522M	5.736739G	5.813261G	500k	3
75.84M	5.73684G	5.81268G	76.762M	5.736619G	5.813381G	500k	4

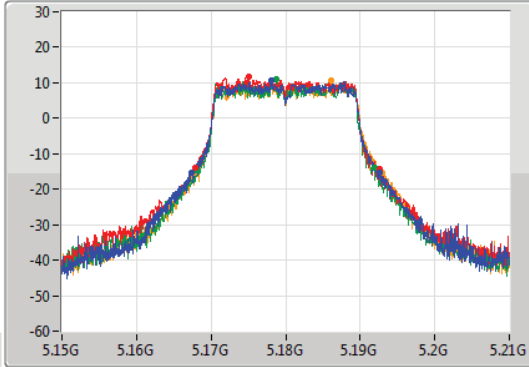
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

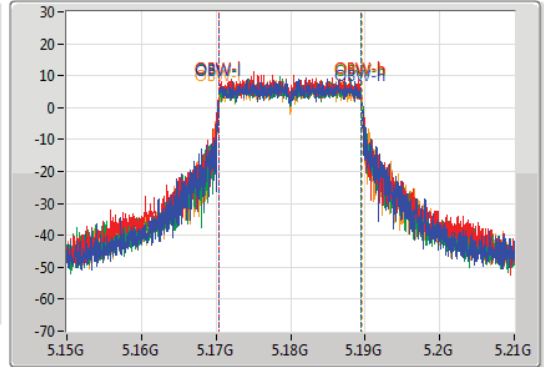
5180MHz

09/12/2020

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  
Sample



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
25.23M	5.16743G	5.19266G	19.07M	5.170435G	5.189505G	Inf	1
24.69M	5.16785G	5.19254G	19.1M	5.170405G	5.189505G	Inf	2
23.79M	5.16809G	5.19188G	19.1M	5.170405G	5.189505G	Inf	3
25.29M	5.16767G	5.19296G	19.13M	5.170405G	5.189535G	Inf	4

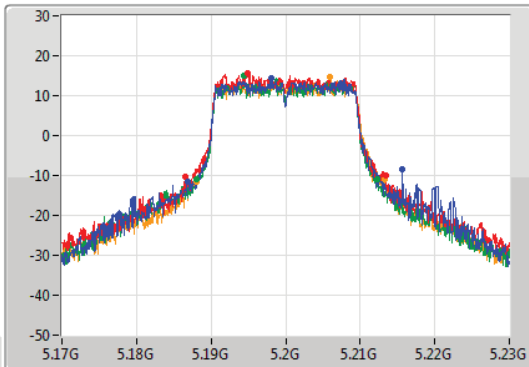
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

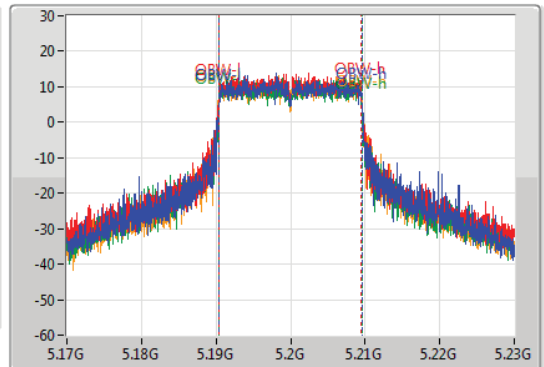
5200MHz

09/12/2020

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  
Sample



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
28.83M	5.18686G	5.21569G	19.13M	5.190405G	5.209535G	Inf	1
26.85M	5.18653G	5.21338G	19.1M	5.190405G	5.209505G	Inf	2
24.18M	5.18806G	5.21224G	19.13M	5.190405G	5.209535G	Inf	3
25.23M	5.188G	5.21323G	19.16M	5.190375G	5.209535G	Inf	4



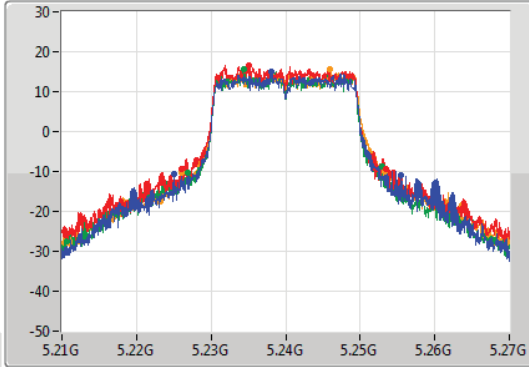
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

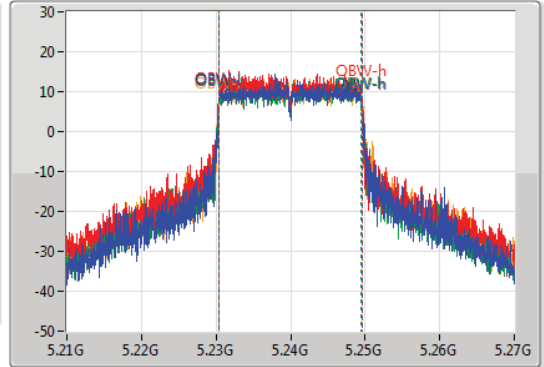
5240MHz

09/12/2020

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  
Sample



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
30.54M	5.22497G	5.25551G	19.13M	5.230435G	5.249565G	Inf	1
27.39M	5.22605G	5.25344G	19.16M	5.230375G	5.249535G	Inf	2
26.07M	5.2268G	5.25287G	19.13M	5.230375G	5.249505G	Inf	3
27.24M	5.22602G	5.25326G	19.16M	5.230405G	5.249565G	Inf	4

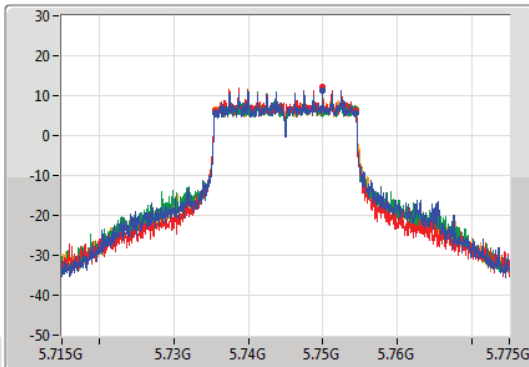
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

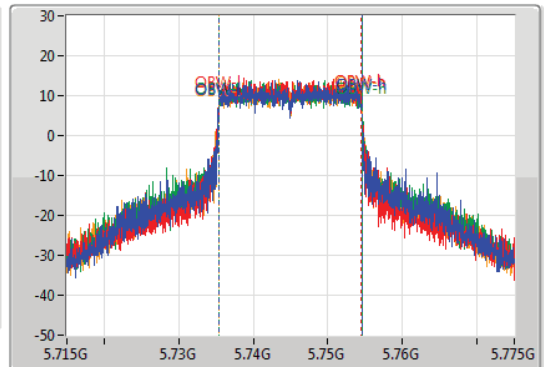
5745MHz

09/12/2020

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  
Sample



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
18.93M	5.73552G	5.75445G	19.16M	5.735375G	5.754535G	500k	1
18.93M	5.73549G	5.75442G	19.16M	5.735345G	5.754505G	500k	2
18.9M	5.73552G	5.75442G	19.22M	5.735345G	5.754565G	500k	3
18.9M	5.73555G	5.75445G	19.19M	5.735345G	5.754535G	500k	4

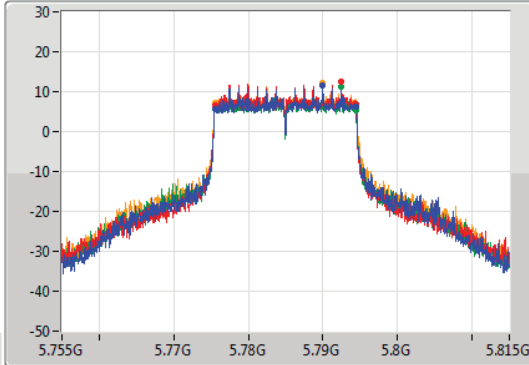
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

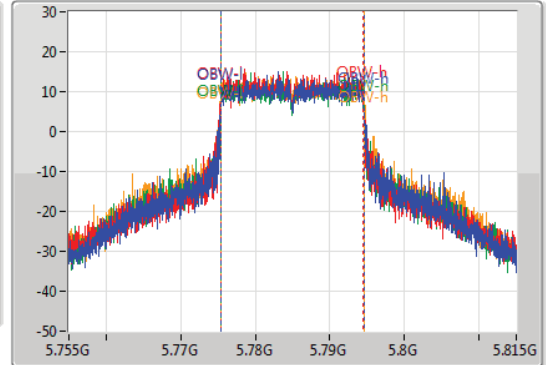
5785MHz

09/12/2020

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  
Sample



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
18.93M	5.77549G	5.79442G	19.19M	5.775375G	5.794565G	500k	1
18.9M	5.77549G	5.79439G	19.13M	5.775375G	5.794505G	500k	2
18.96M	5.77552G	5.79448G	19.22M	5.775315G	5.794535G	500k	3
18.9M	5.77555G	5.79445G	19.34M	5.775315G	5.794655G	500k	4

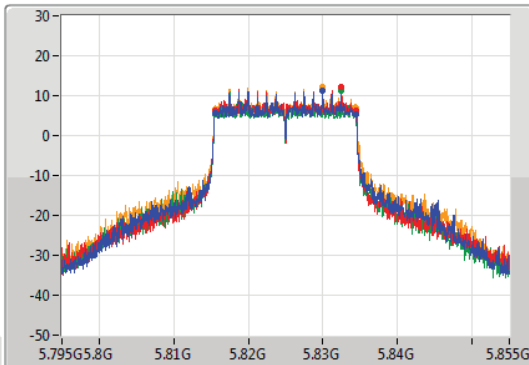
802.11ax HEW20\_Nss4,(MCS0)\_4TX

EBW

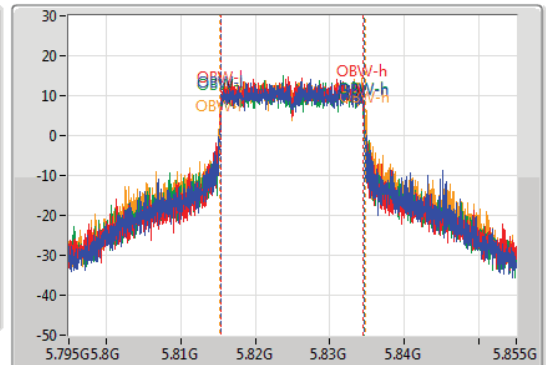
5825MHz

09/12/2020

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  
Sample



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
18.96M	5.81549G	5.83445G	19.19M	5.815375G	5.834565G	500k	1
18.96M	5.81549G	5.83445G	19.16M	5.815345G	5.834505G	500k	2
18.81M	5.81561G	5.83442G	19.16M	5.815375G	5.834535G	500k	3
18.87M	5.81555G	5.83442G	19.52M	5.815255G	5.834775G	500k	4



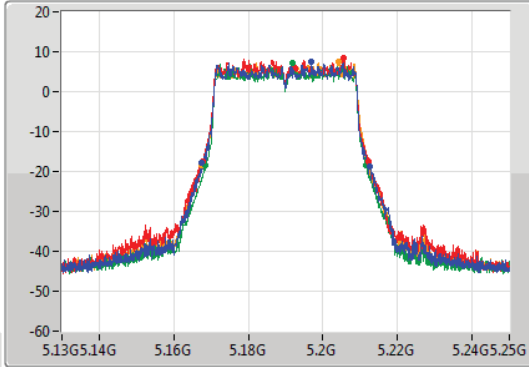
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

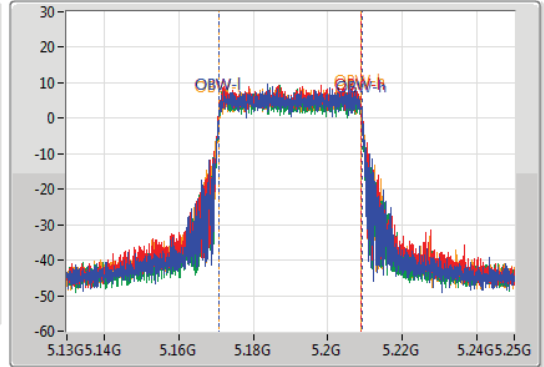
5190MHz

09/12/2020

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  
Sample



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
45.24M	5.16732G	5.21256G	38.201M	5.17087G	5.20907G	Inf	1
44.7M	5.16768G	5.21238G	38.201M	5.17081G	5.20901G	Inf	2
43.2M	5.16846G	5.21166G	38.141M	5.17087G	5.20901G	Inf	3
44.82M	5.16756G	5.21238G	38.141M	5.17087G	5.20901G	Inf	4

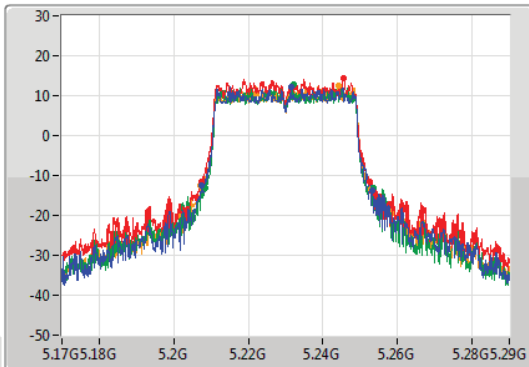
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

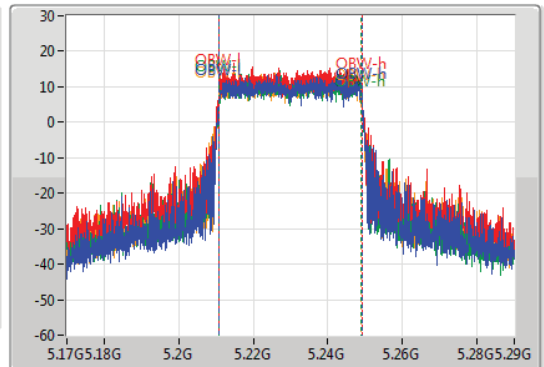
5230MHz

09/12/2020

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  
Sample



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
45.6M	5.2075G	5.2531G	38.201M	5.21087G	5.24907G	Inf	1
45.12M	5.20744G	5.25256G	38.261M	5.21081G	5.24907G	Inf	2
45.24M	5.20834G	5.25358G	38.021M	5.21093G	5.248951G	Inf	3
45.66M	5.20726G	5.25292G	38.141M	5.21087G	5.24901G	Inf	4

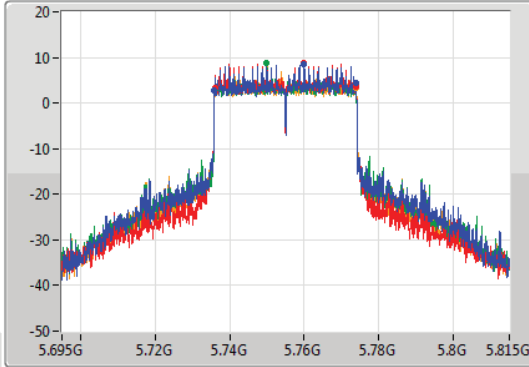
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

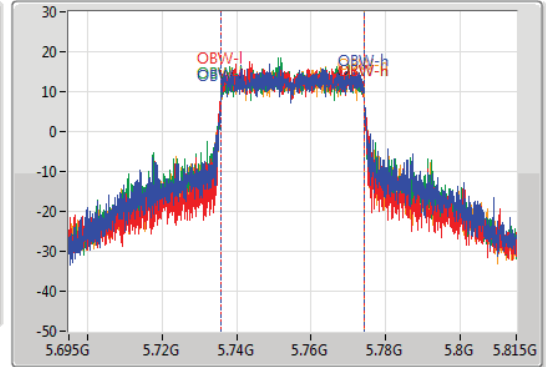
5755MHz

09/12/2020

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  
Sample



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
37.98M	5.73592G	5.7739G	38.501M	5.73575G	5.77425G	500k	1
37.8M	5.73604G	5.77384G	38.321M	5.73575G	5.77407G	500k	2
37.74M	5.73598G	5.77372G	38.381M	5.73575G	5.77413G	500k	3
37.74M	5.73604G	5.77378G	38.381M	5.73575G	5.77413G	500k	4

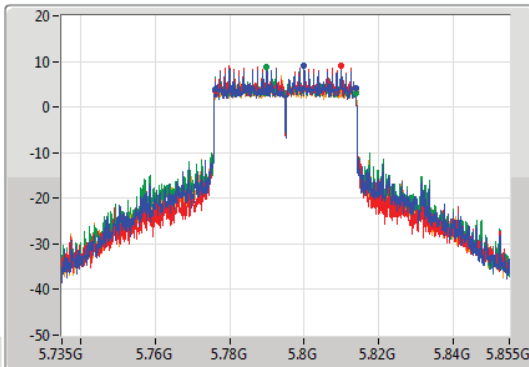
802.11ax HEW40\_Nss4,(MCS0)\_4TX

EBW

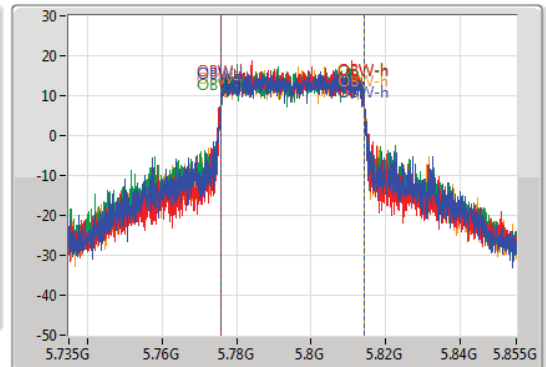
5795MHz

09/12/2020

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  
Sample



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	38.561M	5.77569G	5.81425G	500k	1
37.8M	5.77604G	5.81384G	38.321M	5.77575G	5.81407G	500k	2
37.98M	5.77598G	5.81396G	38.561M	5.77563G	5.81419G	500k	3
37.74M	5.77604G	5.81378G	38.441M	5.77575G	5.81419G	500k	4

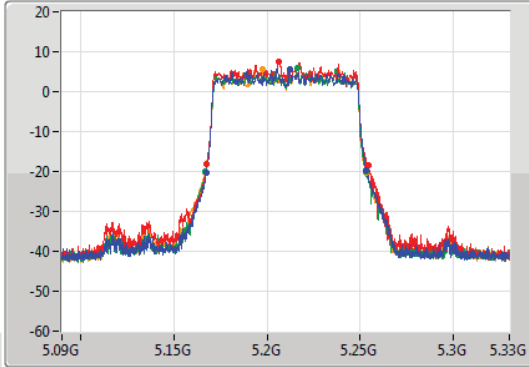
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

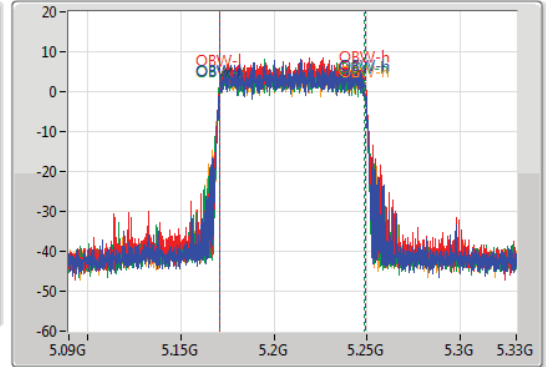
5210MHz

09/12/2020

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  
Sample



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
85.92M	5.1674G	5.25332G	77.841M	5.171019G	5.248861G	Inf	1
86.52M	5.16776G	5.25428G	77.841M	5.171019G	5.248861G	Inf	2
85.92M	5.16704G	5.25296G	77.721M	5.171019G	5.248741G	Inf	3
86.4M	5.1668G	5.2532G	78.081M	5.1709G	5.248981G	Inf	4

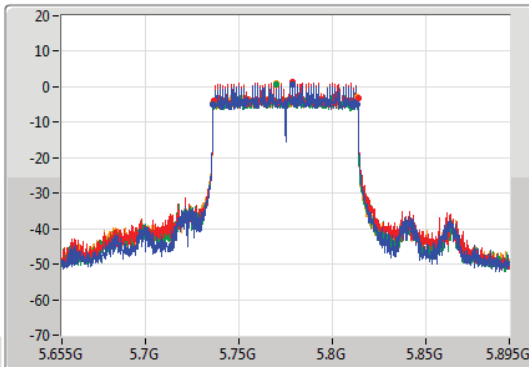
802.11ax HEW80\_Nss4,(MCS0)\_4TX

EBW

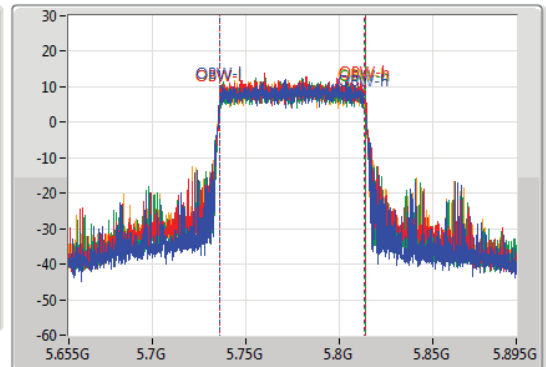
5775MHz

09/12/2020

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  
Sample



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
77.88M	5.73588G	5.81376G	77.721M	5.736019G	5.813741G	500k	1
77.52M	5.73636G	5.81388G	77.961M	5.7359G	5.813861G	500k	2
77.28M	5.73624G	5.81352G	77.721M	5.736139G	5.813861G	500k	3
77.76M	5.736G	5.81376G	77.721M	5.736019G	5.813741G	500k	4



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	31.56M	18.231M	18M2D1D	25.32M	17.931M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	56.1M	37.061M	37M1D1D	45.24M	36.642M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	93.36M	76.642M	76M6D1D	78.72M	76.402M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	41.01M	19.13M	19M1D1D	25.38M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	46.74M	38.261M	38M3D1D	44.04M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.48M	78.201M	78M2D1D	86.52M	77.841M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.58M	18.321M	18M3D1D	17.55M	17.991M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.36M	37.001M	37M0D1D	36.06M	36.762M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	76.44M	76.522M	76M5D1D	75.96M	76.282M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.02M	19.16M	19M2D1D	18.9M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.1M	38.321M	38M3D1D	37.92M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	78M	78.201M	78M2D1D	77.76M	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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	25.56M	17.931M	25.38M	17.961M	25.32M	17.991M	25.44M	17.961M
5200MHz	Pass	Inf	31.56M	18.141M	29.76M	18.231M	30.54M	18.141M	30.21M	18.231M
5240MHz	Pass	Inf	29.7M	18.231M	29.01M	18.081M	30.57M	18.171M	31.29M	18.141M
5745MHz	Pass	500k	17.58M	18.051M	17.58M	18.021M	17.58M	18.141M	17.58M	18.021M
5785MHz	Pass	500k	17.58M	18.321M	17.55M	18.171M	17.58M	18.321M	17.55M	18.171M
5825MHz	Pass	500k	17.58M	17.991M	17.58M	18.081M	17.58M	18.141M	17.58M	18.081M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.24M	36.642M	45.6M	36.762M	45.6M	36.762M	45.3M	36.642M
5230MHz	Pass	Inf	52.86M	37.061M	50.52M	37.001M	56.1M	36.822M	52.68M	36.882M
5755MHz	Pass	500k	36.36M	36.822M	36.3M	36.762M	36.36M	36.882M	36.06M	36.882M
5795MHz	Pass	500k	36.36M	37.001M	36.3M	36.942M	36.36M	36.942M	36.36M	37.001M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	93.36M	76.522M	92.64M	76.402M	93.36M	76.402M	78.72M	76.642M
5775MHz	Pass	500k	76.44M	76.282M	76.44M	76.522M	75.96M	76.522M	76.44M	76.522M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	40.14M	19.07M	25.56M	19.04M	35.52M	19.07M	41.01M	19.13M
5200MHz	Pass	Inf	37.41M	19.07M	27.48M	19.07M	26.16M	19.13M	27.27M	19.1M
5240MHz	Pass	Inf	25.56M	19.07M	27.33M	19.13M	25.38M	19.1M	27.84M	19.1M
5745MHz	Pass	500k	18.9M	19.13M	18.93M	19.1M	18.99M	19.1M	19.02M	19.07M
5785MHz	Pass	500k	19.02M	19.07M	18.9M	19.1M	18.99M	19.16M	18.99M	19.07M
5825MHz	Pass	500k	18.99M	19.1M	18.93M	19.07M	18.96M	19.1M	18.93M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	44.7M	38.141M	44.46M	38.141M	44.28M	38.201M	44.04M	38.201M
5230MHz	Pass	Inf	44.52M	38.141M	44.52M	38.141M	46.74M	38.261M	46.32M	38.141M
5755MHz	Pass	500k	37.92M	38.201M	37.98M	38.321M	37.98M	38.261M	38.1M	38.201M
5795MHz	Pass	500k	38.1M	38.261M	37.92M	38.261M	38.1M	38.261M	38.04M	38.201M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	86.52M	77.841M	87.48M	77.841M	87.12M	77.961M	87.12M	78.201M
5775MHz	Pass	500k	77.88M	77.961M	77.76M	78.201M	78M	78.081M	77.76M	77.721M

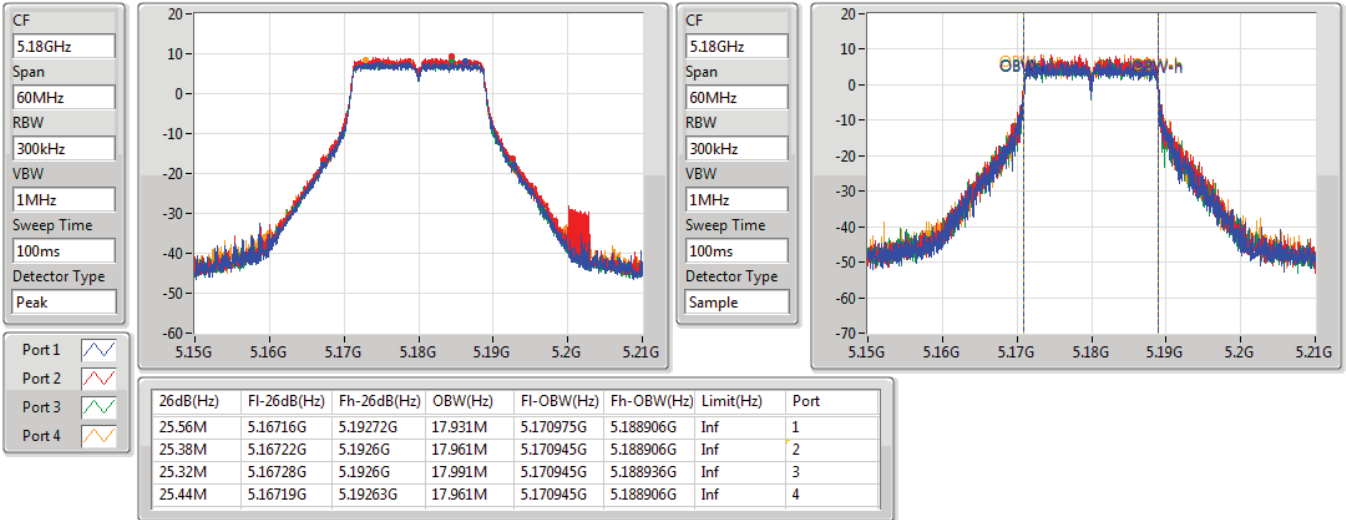
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band  
 Port X-OBW = Port X 99% occupied bandwidth

802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5180MHz

06/05/2021

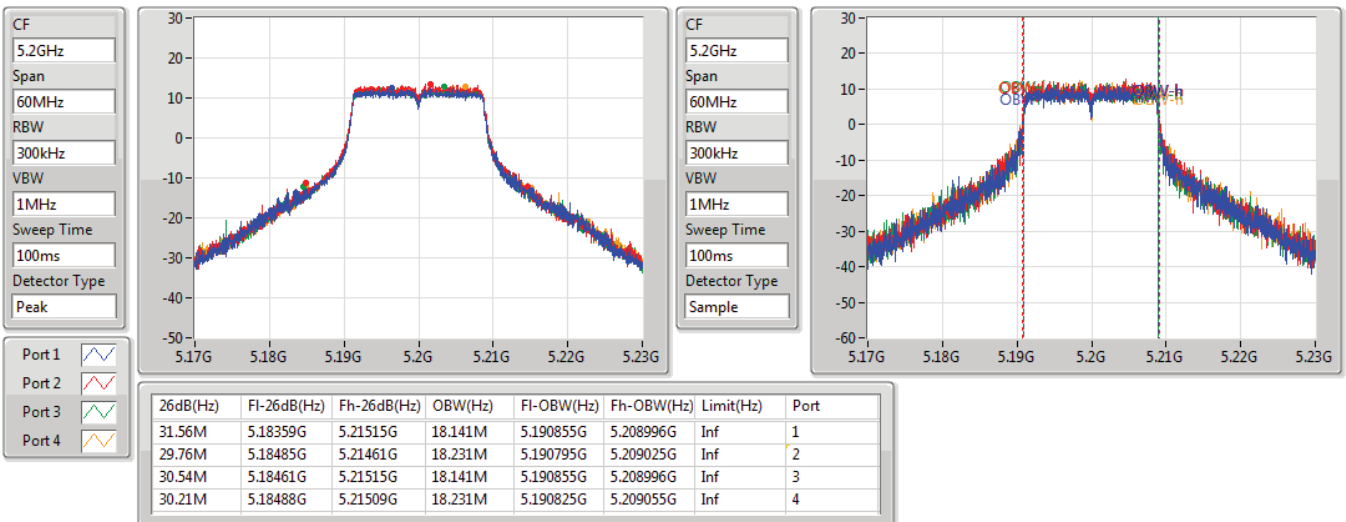


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5200MHz

06/05/2021



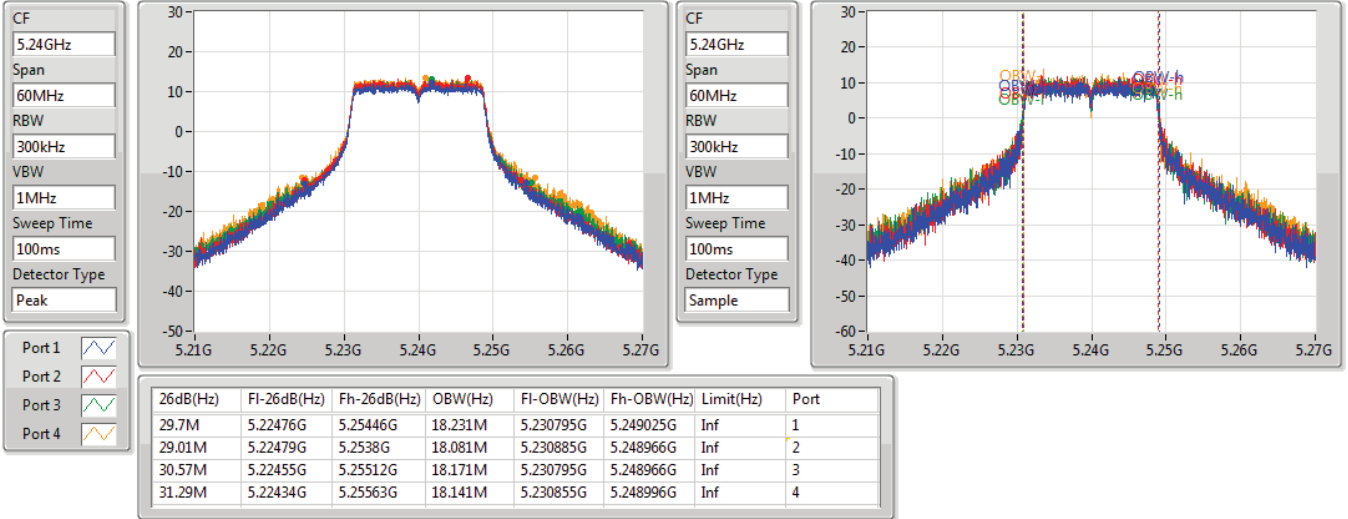


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5240MHz

06/05/2021

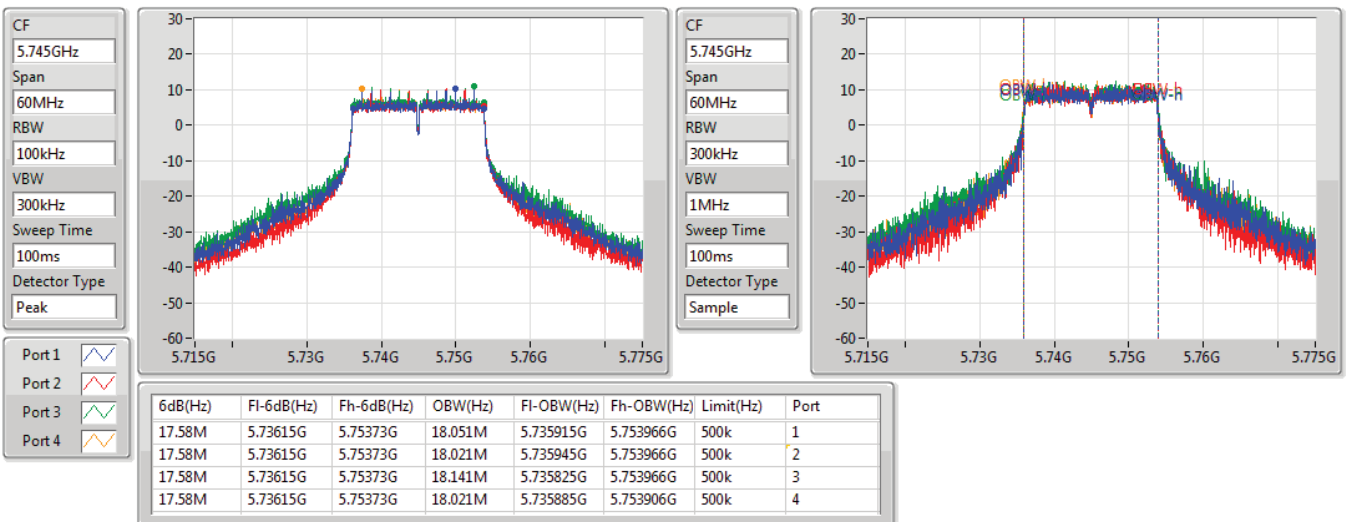


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5745MHz

06/05/2021

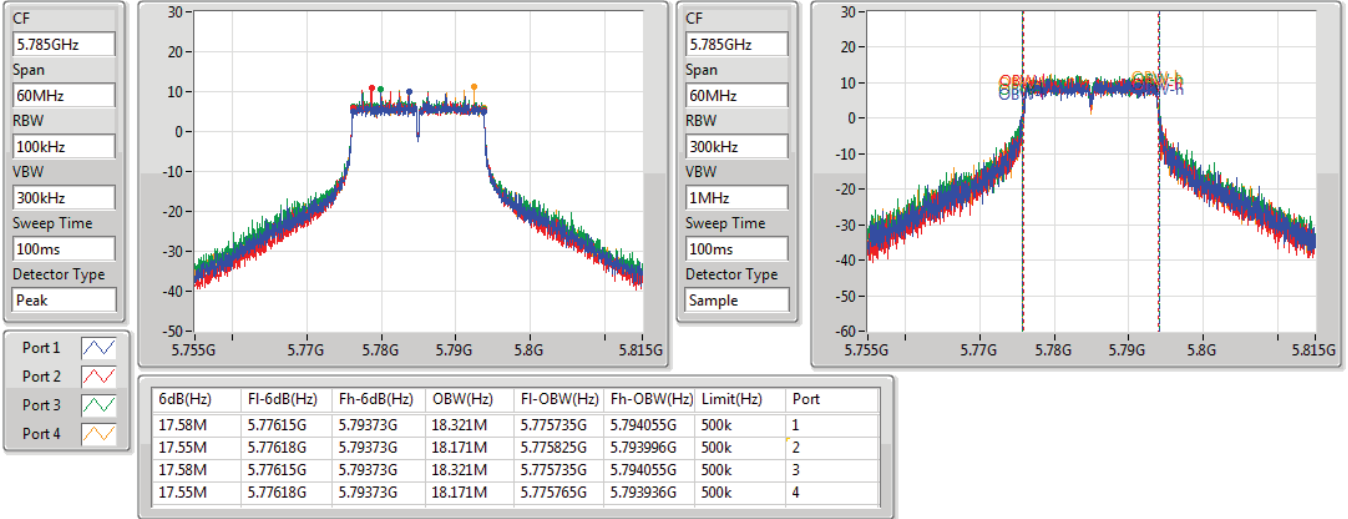


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5785MHz

06/05/2021

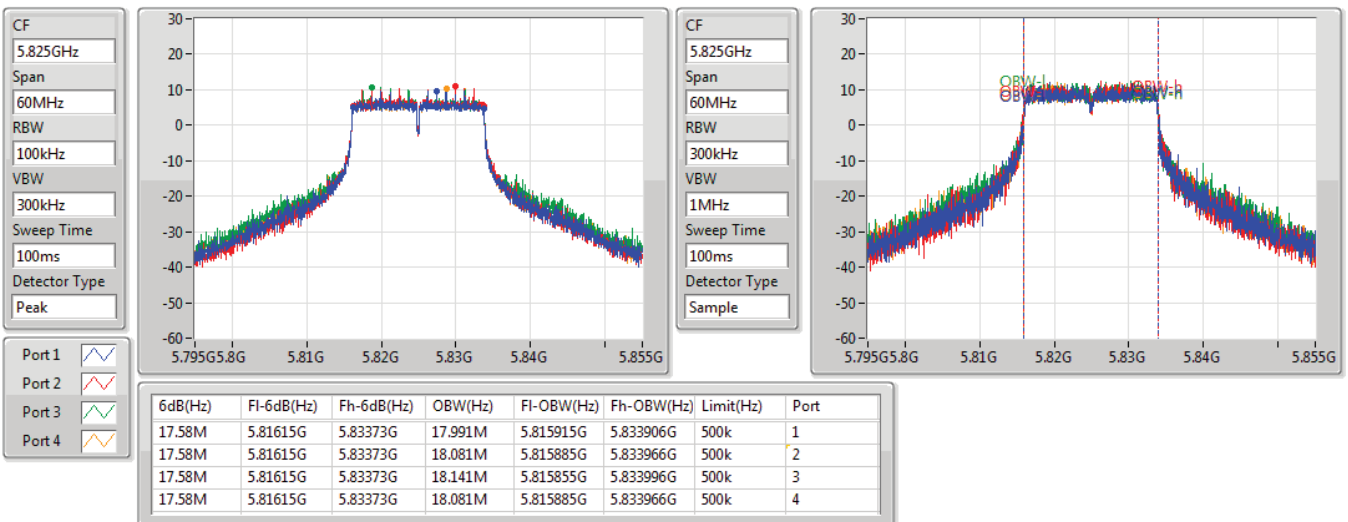


802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

EBW

5825MHz

06/05/2021



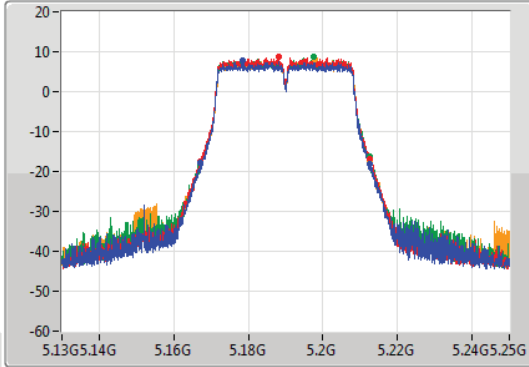
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

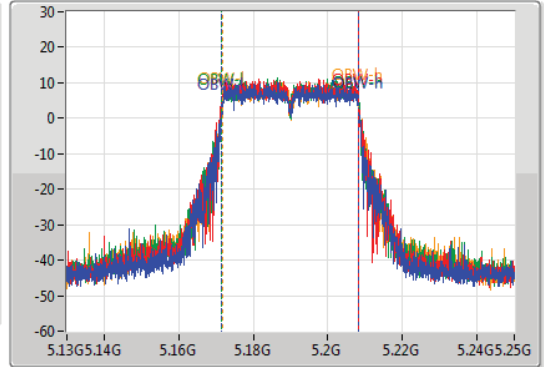
5190MHz

06/05/2021

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  
Sample



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
45.24M	5.16726G	5.2125G	36.642M	5.171589G	5.208231G	Inf	1
45.6M	5.16702G	5.21262G	36.762M	5.171529G	5.208291G	Inf	2
45.6M	5.16696G	5.21256G	36.762M	5.171589G	5.208351G	Inf	3
45.3M	5.1672G	5.2125G	36.642M	5.171649G	5.208291G	Inf	4

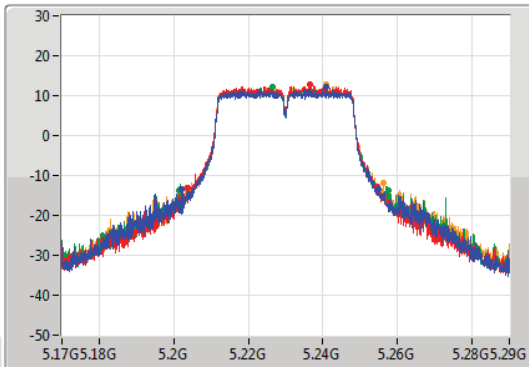
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

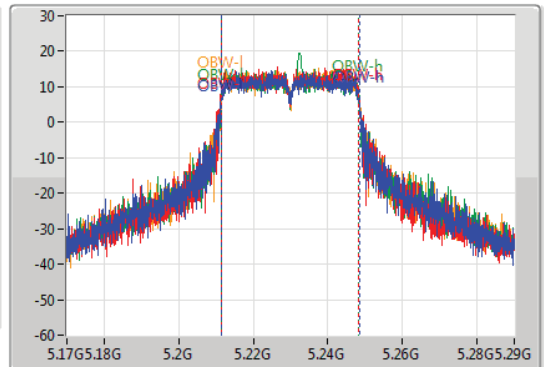
5230MHz

06/05/2021

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  
Sample



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
52.86M	5.20216G	5.25502G	37.061M	5.211349G	5.248411G	Inf	1
50.52M	5.2039G	5.25442G	37.001M	5.211289G	5.248291G	Inf	2
56.1M	5.20132G	5.25742G	36.822M	5.211529G	5.248351G	Inf	3
52.68M	5.20342G	5.2561G	36.882M	5.211529G	5.248411G	Inf	4

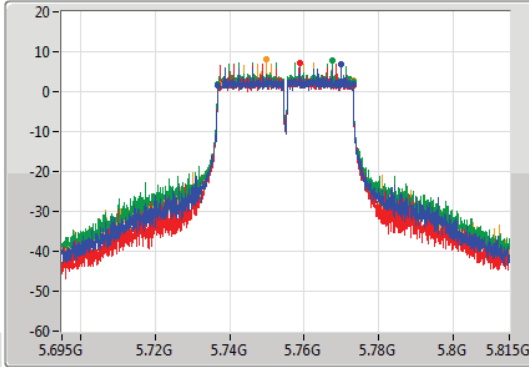
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

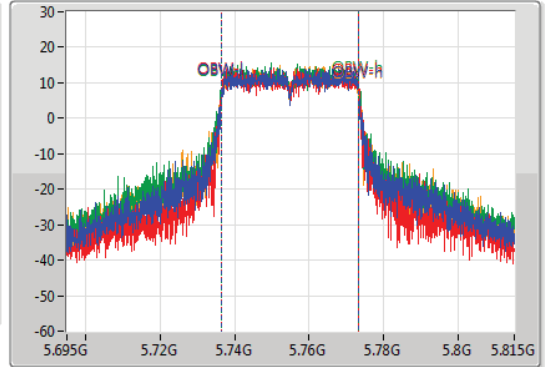
5755MHz

06/05/2021

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  
Sample



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
36.36M	5.73676G	5.77312G	36.822M	5.736469G	5.773291G	500k	1
36.3M	5.73682G	5.77312G	36.762M	5.736589G	5.773351G	500k	2
36.36M	5.73676G	5.77312G	36.882M	5.736469G	5.773351G	500k	3
36.06M	5.737G	5.77306G	36.882M	5.736469G	5.773351G	500k	4

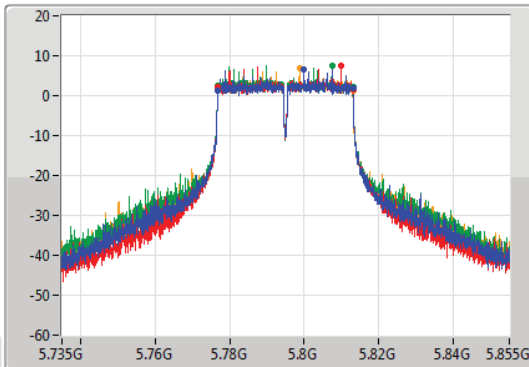
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

EBW

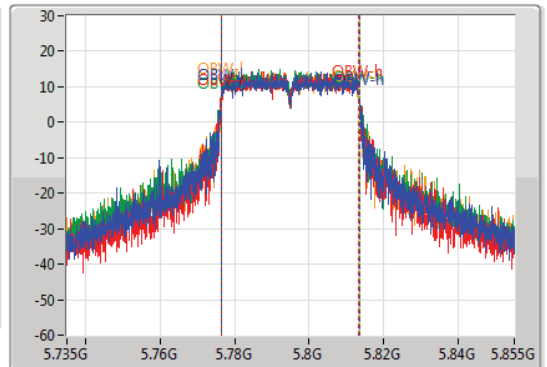
5795MHz

06/05/2021

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  
Sample



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
36.36M	5.77676G	5.81312G	37.001M	5.776469G	5.813471G	500k	1
36.3M	5.77682G	5.81312G	36.942M	5.776409G	5.813351G	500k	2
36.36M	5.77676G	5.81312G	36.942M	5.776469G	5.813411G	500k	3
36.36M	5.77676G	5.81312G	37.001M	5.776349G	5.813351G	500k	4

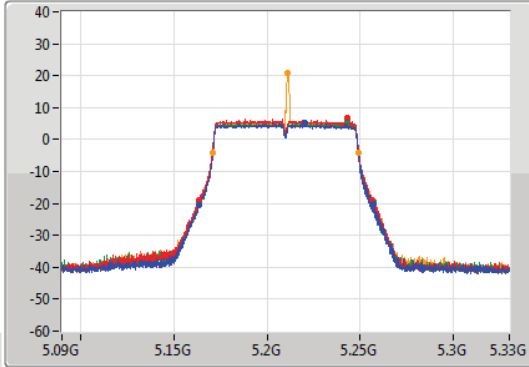
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

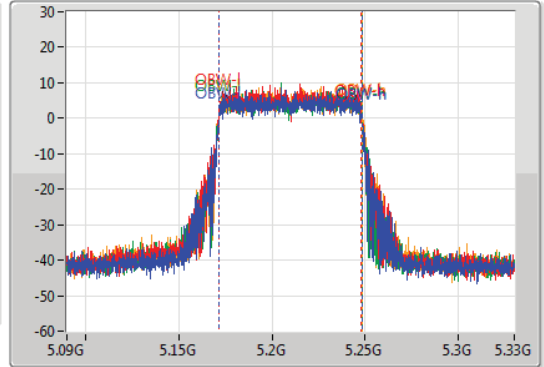
5210MHz

06/05/2021

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  
Sample



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
93.36M	5.16368G	5.25704G	76.522M	5.171619G	5.248141G	Inf	1
92.64M	5.1638G	5.25644G	76.402M	5.171619G	5.248021G	Inf	2
93.36M	5.16344G	5.2568G	76.402M	5.171739G	5.248141G	Inf	3
78.72M	5.17064G	5.24936G	76.642M	5.171619G	5.248261G	Inf	4

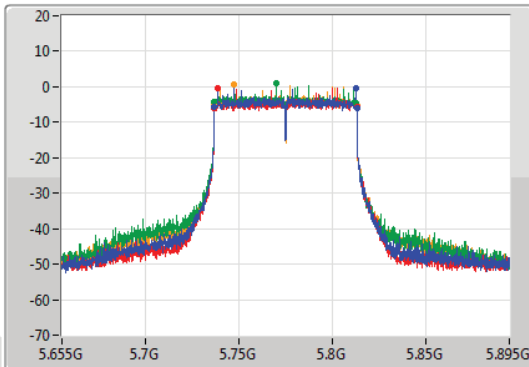
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

EBW

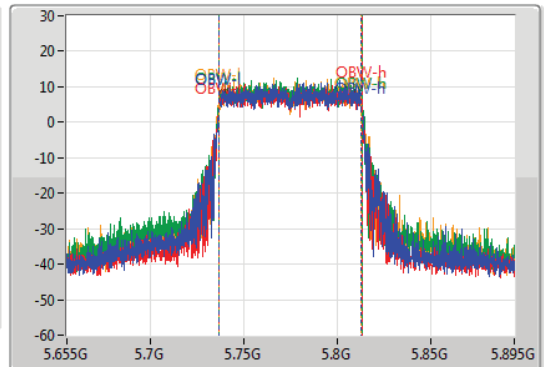
5775MHz

06/05/2021

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  
Sample



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
76.44M	5.73672G	5.81316G	76.282M	5.736739G	5.813021G	500k	1
76.44M	5.73672G	5.81316G	76.522M	5.736619G	5.813141G	500k	2
75.96M	5.73684G	5.8128G	76.522M	5.736619G	5.813141G	500k	3
76.44M	5.73672G	5.81316G	76.522M	5.736499G	5.813021G	500k	4

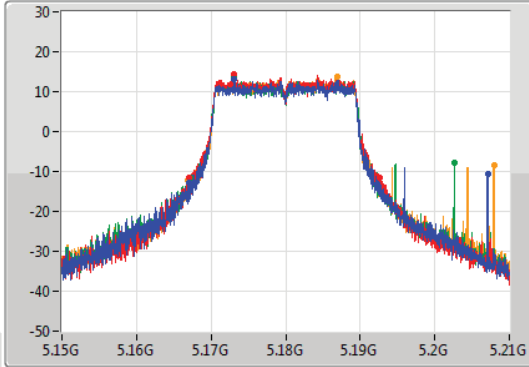
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

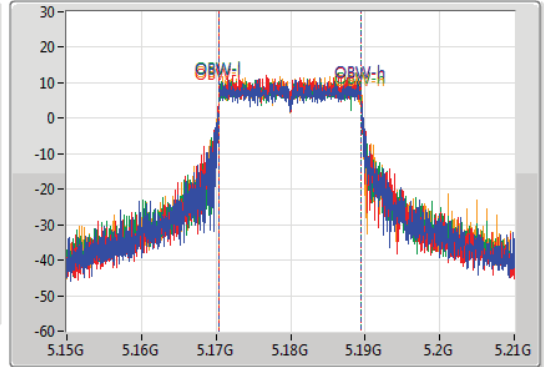
5180MHz

05/05/2021

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  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.16701G	5.20715G	19.07M	5.170405G	5.189475G	Inf	1
25.56M	5.1671G	5.19266G	19.04M	5.170405G	5.189445G	Inf	2
35.52M	5.16716G	5.20268G	19.07M	5.170405G	5.189475G	Inf	3
41.01M	5.16692G	5.20793G	19.13M	5.170375G	5.189505G	Inf	4

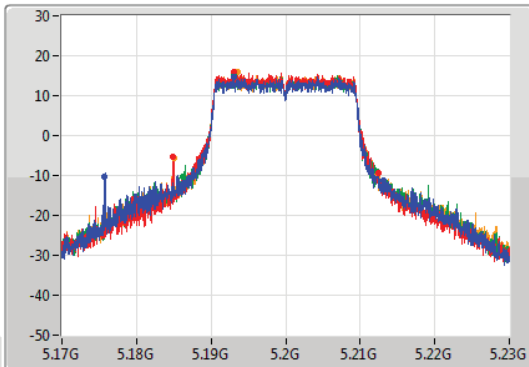
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

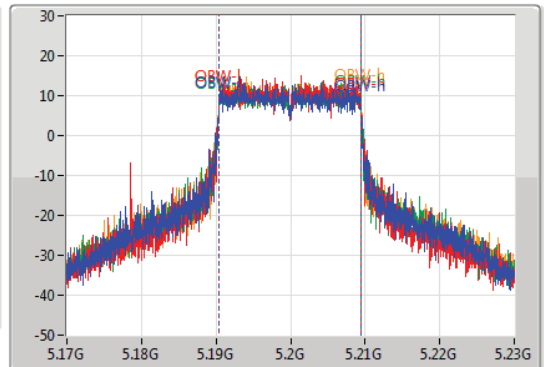
5200MHz

05/05/2021

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  
Sample



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.41M	5.17576G	5.21317G	19.07M	5.190375G	5.209445G	Inf	1
27.48M	5.18491G	5.21239G	19.07M	5.190375G	5.209445G	Inf	2
26.16M	5.18614G	5.2123G	19.13M	5.190345G	5.209475G	Inf	3
27.27M	5.18503G	5.2123G	19.1M	5.190375G	5.209475G	Inf	4

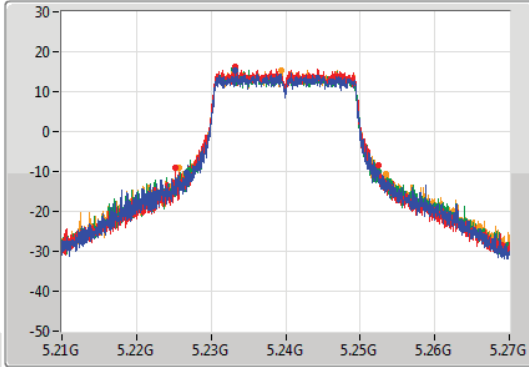
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

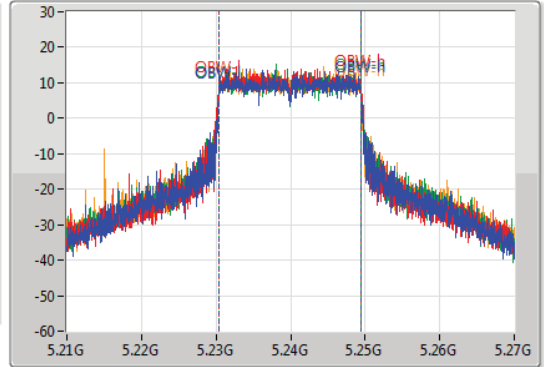
5240MHz

05/05/2021

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  
Sample



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
25.56M	5.22677G	5.25233G	19.07M	5.230405G	5.249475G	Inf	1
27.33M	5.22518G	5.25251G	19.13M	5.230345G	5.249475G	Inf	2
25.38M	5.22701G	5.25239G	19.1M	5.230375G	5.249475G	Inf	3
27.84M	5.22563G	5.25347G	19.1M	5.230375G	5.249475G	Inf	4

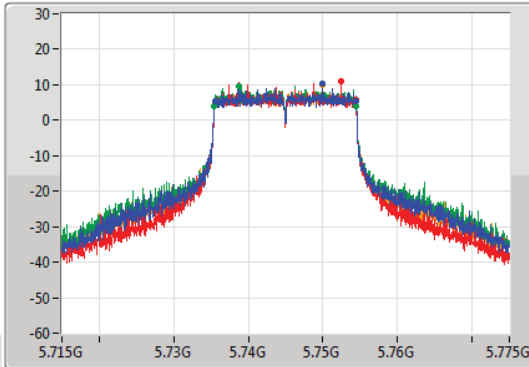
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

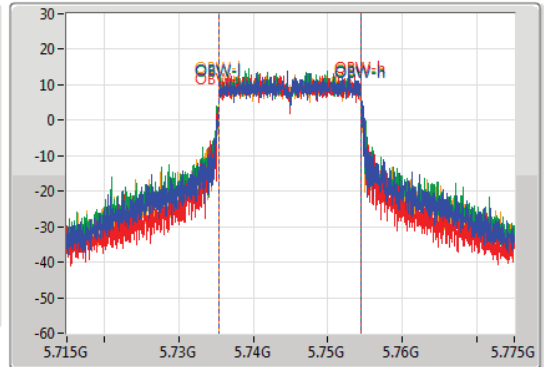
5745MHz

05/05/2021

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  
Sample



Port 1  
Port 2  
Port 3  
Port 4

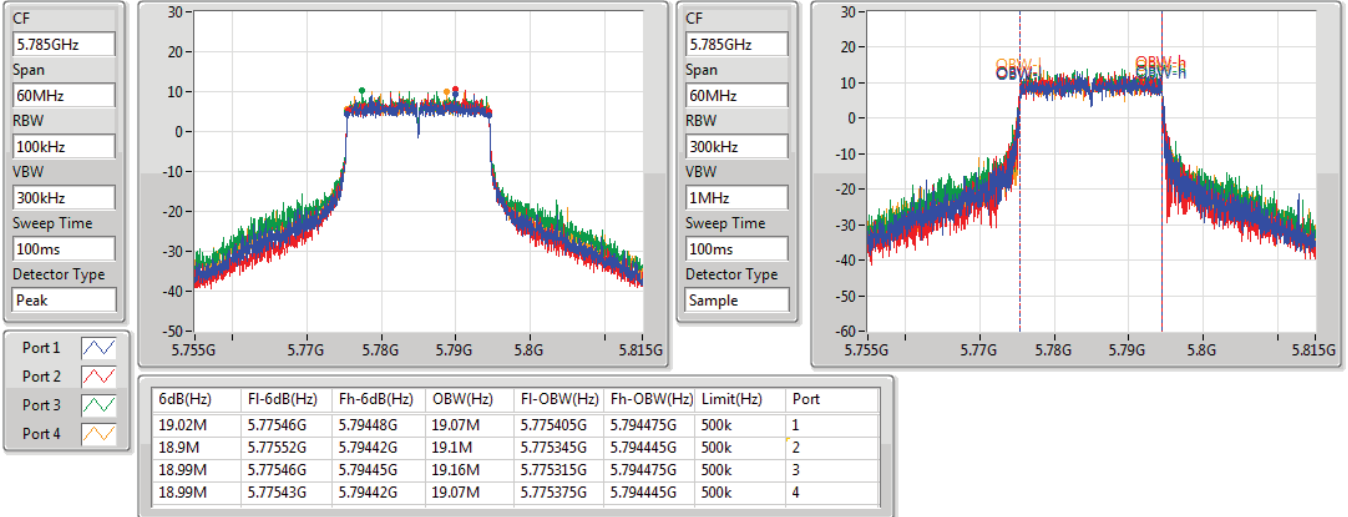
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.73555G	5.75445G	19.13M	5.735375G	5.754505G	500k	1
18.93M	5.73549G	5.75442G	19.1M	5.735375G	5.754475G	500k	2
18.99M	5.73546G	5.75445G	19.1M	5.735375G	5.754475G	500k	3
19.02M	5.73543G	5.75445G	19.07M	5.735405G	5.754475G	500k	4

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

EBW

5785MHz

05/05/2021

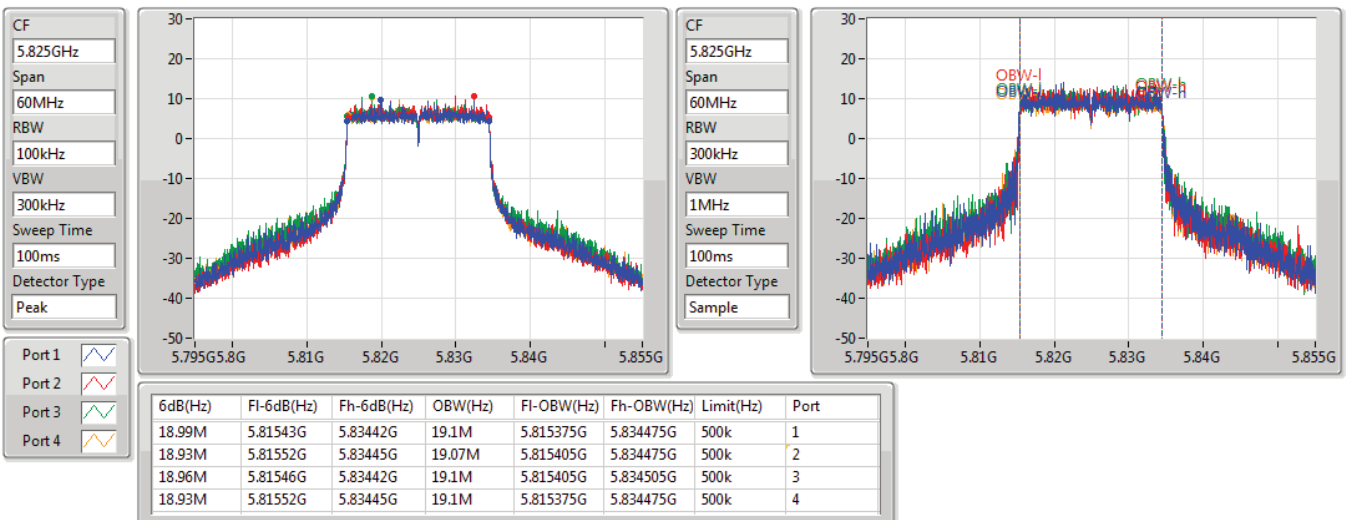


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

EBW

5825MHz

05/05/2021





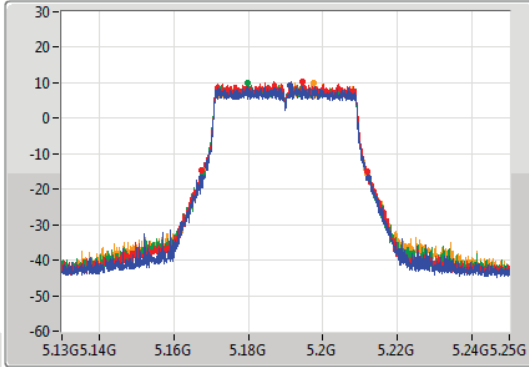
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

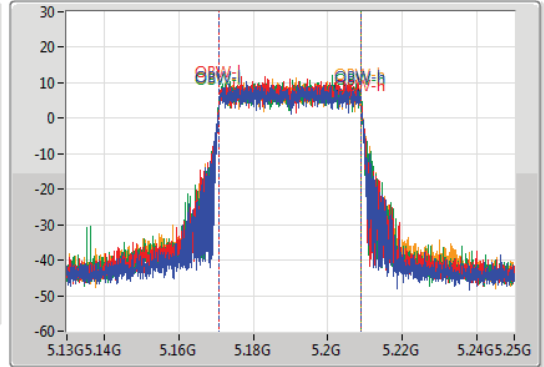
5190MHz

05/05/2021

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  
Sample



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
44.7M	5.16756G	5.21226G	38.141M	5.17081G	5.208951G	Inf	1
44.46M	5.16756G	5.21202G	38.141M	5.17081G	5.208951G	Inf	2
44.28M	5.16768G	5.21196G	38.201M	5.17081G	5.20901G	Inf	3
44.04M	5.1678G	5.21184G	38.201M	5.17081G	5.20901G	Inf	4

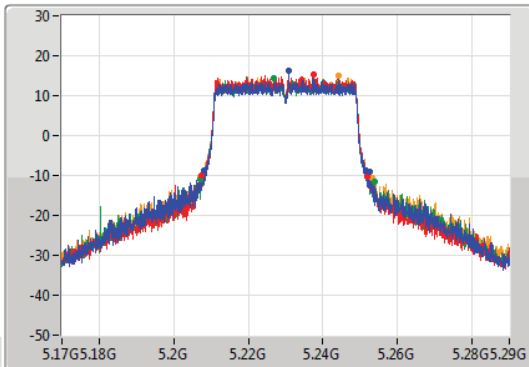
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

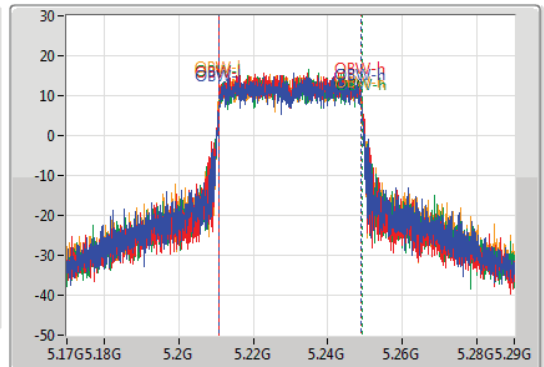
5230MHz

05/05/2021

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  
Sample



Port 1  
Port 2  
Port 3  
Port 4

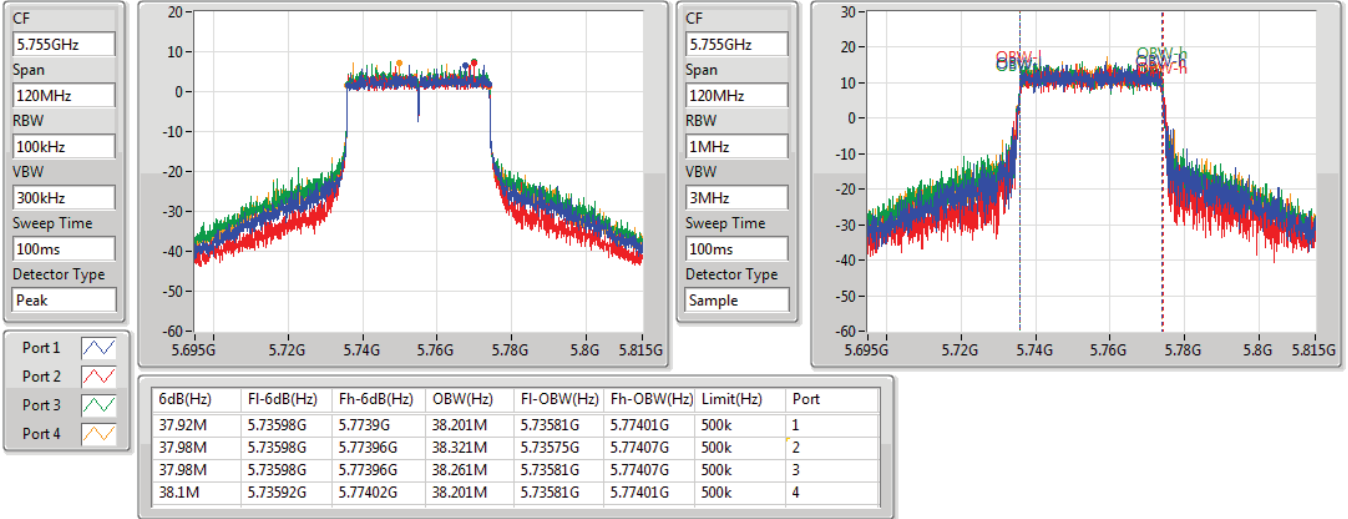
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.52M	5.2081G	5.25262G	38.141M	5.21087G	5.24901G	Inf	1
44.52M	5.20732G	5.25184G	38.141M	5.21087G	5.24901G	Inf	2
46.74M	5.20714G	5.25388G	38.261M	5.21081G	5.24907G	Inf	3
46.32M	5.20702G	5.25334G	38.141M	5.21081G	5.248951G	Inf	4

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

EBW

5755MHz

05/05/2021

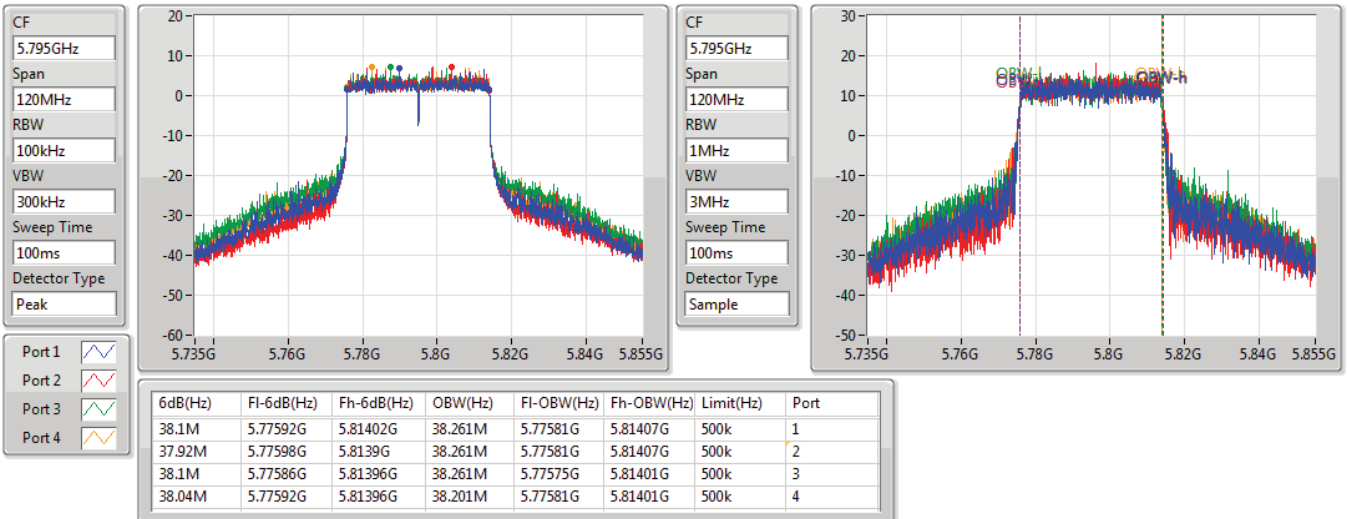


802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

EBW

5795MHz

05/05/2021

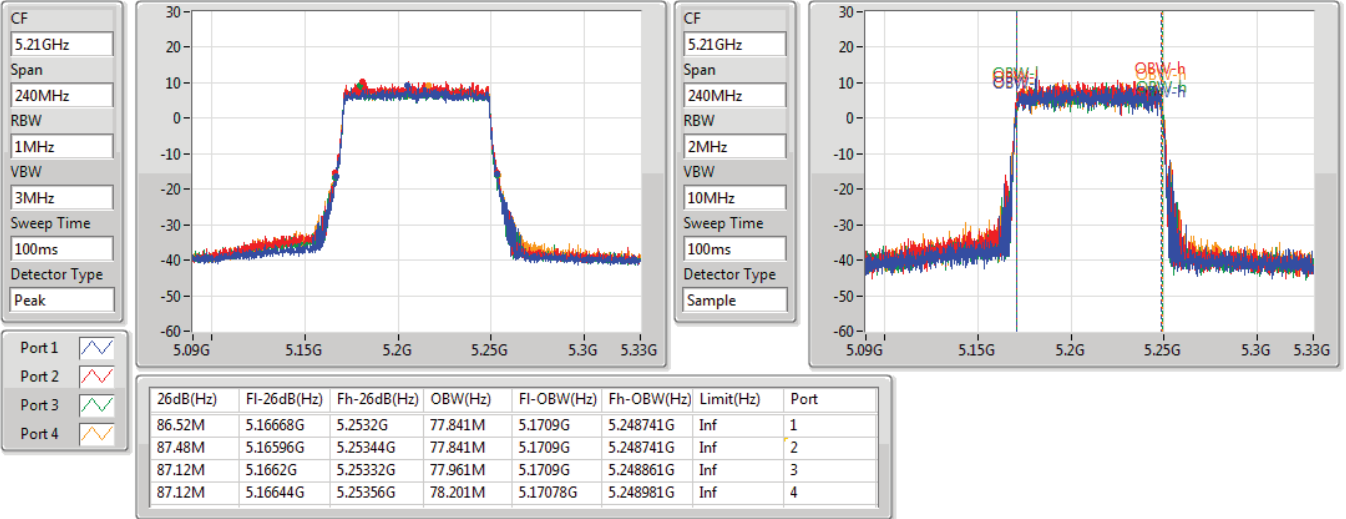


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5210MHz

05/05/2021

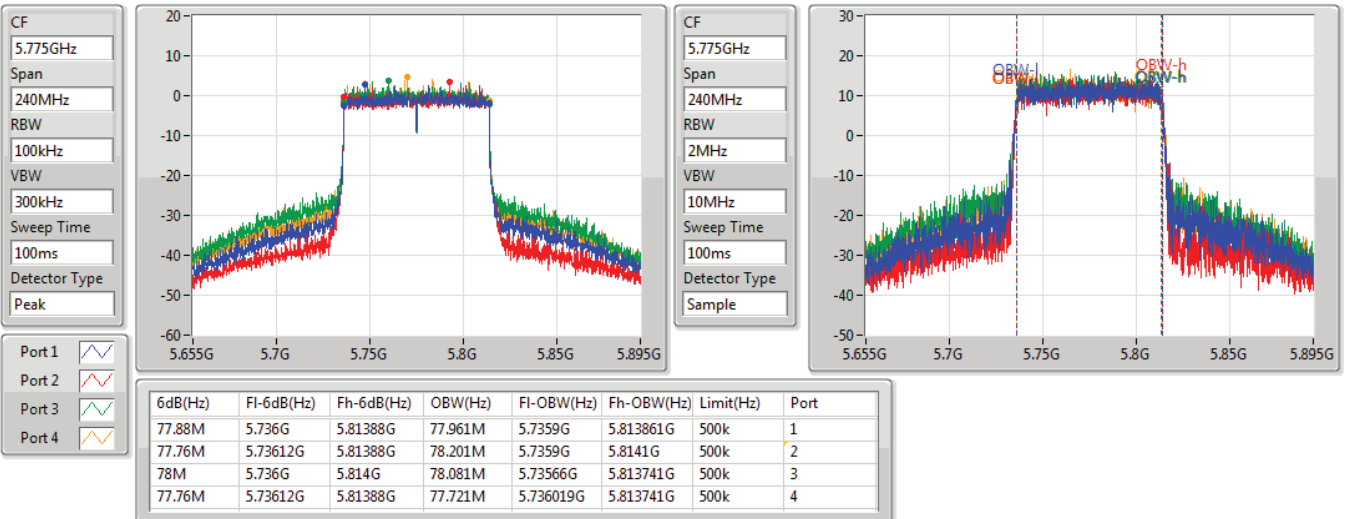


802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

EBW

5775MHz

05/05/2021





Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.71	0.93541	30.21	1.04954
802.11ac VHT20_Nss1,(MCS0)_4TX	29.63	0.91833	30.13	1.03039
802.11ac VHT40_Nss1,(MCS0)_4TX	27.34	0.54200	27.84	0.60814
802.11ac VHT80_Nss1,(MCS0)_4TX	19.78	0.09506	20.28	0.10666
802.11ax HEW20_Nss1,(MCS0)_4TX	29.83	0.96161	30.33	1.07895
802.11ax HEW40_Nss1,(MCS0)_4TX	27.62	0.57810	28.12	0.64863
802.11ax HEW80_Nss1,(MCS0)_4TX	19.46	0.08831	19.96	0.09908
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.86	0.96828	30.26	1.06170
802.11ac VHT20_Nss1,(MCS0)_4TX	29.78	0.95060	30.18	1.04232
802.11ac VHT40_Nss1,(MCS0)_4TX	29.84	0.96383	30.24	1.05682
802.11ac VHT80_Nss1,(MCS0)_4TX	25.21	0.33189	25.61	0.36392
802.11ax HEW20_Nss1,(MCS0)_4TX	29.68	0.92897	30.08	1.01859
802.11ax HEW40_Nss1,(MCS0)_4TX	29.67	0.92683	30.07	1.01625
802.11ax HEW80_Nss1,(MCS0)_4TX	25.09	0.32285	25.49	0.35400



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	0.50	18.54	19.65	18.47	18.57	24.86	30.00	25.36	36.00
5200MHz	Pass	0.50	22.53	23.78	22.28	22.14	28.75	30.00	29.25	36.00
5240MHz	Pass	0.50	23.2	24.75	23.35	23.25	29.71	30.00	30.21	36.00
5745MHz	Pass	0.40	23.76	24.56	23.55	23.4	29.86	30.00	30.26	36.00
5785MHz	Pass	0.40	23.45	24.39	23.37	23.99	29.84	30.00	30.24	36.00
5825MHz	Pass	0.40	23.64	24.42	23.24	23.95	29.85	30.00	30.25	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	17.78	18.38	17.76	17.67	23.93	30.00	24.43	36.00
5200MHz	Pass	0.50	22.17	23.34	22.12	22.14	28.50	30.00	29.00	36.00
5240MHz	Pass	0.50	23.39	24.13	23.46	23.43	29.63	30.00	30.13	36.00
5745MHz	Pass	0.40	23.27	24.7	23.2	23.69	29.78	30.00	30.18	36.00
5785MHz	Pass	0.40	23.69	24.26	23.18	23.17	29.62	30.00	30.02	36.00
5825MHz	Pass	0.40	23.42	24.06	23.15	23.43	29.55	30.00	29.95	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	17.25	18.46	17.71	17.22	23.71	30.00	24.21	36.00
5230MHz	Pass	0.50	20.89	21.74	21.47	21.13	27.34	30.00	27.84	36.00
5755MHz	Pass	0.40	22.85	24.02	22.18	23.15	29.12	30.00	29.52	36.00
5795MHz	Pass	0.40	23.54	24.75	23.03	23.78	29.84	30.00	30.24	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	13.12	14.74	13.67	13.3	19.78	30.00	20.28	36.00
5775MHz	Pass	0.40	19.05	19.9	18.68	19.04	25.21	30.00	25.61	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	18.47	19.78	18.83	18.24	24.89	30.00	25.39	36.00
5200MHz	Pass	0.50	21.94	23.52	21.93	21.92	28.41	30.00	28.91	36.00
5240MHz	Pass	0.50	23.23	24.85	23.25	23.71	29.83	30.00	30.33	36.00
5745MHz	Pass	0.40	23.39	24.11	23.6	23.39	29.65	30.00	30.05	36.00
5785MHz	Pass	0.40	23.3	24.21	23.19	23.84	29.68	30.00	30.08	36.00
5825MHz	Pass	0.40	23.15	23.88	23.15	23.85	29.54	30.00	29.94	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	16.83	18.26	16.77	16.9	23.26	30.00	23.76	36.00
5230MHz	Pass	0.50	21.14	22.84	20.92	21.19	27.62	30.00	28.12	36.00
5755MHz	Pass	0.40	23.6	23.86	23.76	23.34	29.67	30.00	30.07	36.00
5795MHz	Pass	0.40	23.44	23.68	23.73	23.41	29.59	30.00	29.99	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	13.26	14.56	13.21	12.45	19.46	30.00	19.96	36.00
5775MHz	Pass	0.40	19.02	19.24	18.84	19.17	25.09	30.00	25.49	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	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.70	0.93325	30.20	1.04713
802.11ac VHT40_Nss4,(MCS0)_4TX	27.17	0.52119	27.67	0.58479
802.11ac VHT80_Nss4,(MCS0)_4TX	18.73	0.07464	19.23	0.08375
802.11ax HEW20_Nss4,(MCS0)_4TX	29.54	0.89950	30.04	1.00925
802.11ax HEW40_Nss4,(MCS0)_4TX	27.09	0.51168	27.59	0.57412
802.11ax HEW80_Nss4,(MCS0)_4TX	20.14	0.10328	20.64	0.11588
5.725-5.85GHz	-	-	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	29.81	0.95719	30.21	1.04954
802.11ac VHT40_Nss4,(MCS0)_4TX	29.83	0.96161	30.23	1.05439
802.11ac VHT80_Nss4,(MCS0)_4TX	25.29	0.33806	25.69	0.37068
802.11ax HEW20_Nss4,(MCS0)_4TX	29.89	0.97499	30.29	1.06905
802.11ax HEW40_Nss4,(MCS0)_4TX	29.84	0.96383	30.24	1.05682
802.11ax HEW80_Nss4,(MCS0)_4TX	24.78	0.30061	25.18	0.32961



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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	17.96	19.79	18.7	18.18	24.74	30.00	25.24	36.00
5200MHz	Pass	0.50	22.11	23.66	22.35	21.91	28.58	30.00	29.08	36.00
5240MHz	Pass	0.50	23.41	24.53	23.75	22.87	29.70	30.00	30.20	36.00
5745MHz	Pass	0.40	23.48	24.99	23.06	23.3	29.80	30.00	30.20	36.00
5785MHz	Pass	0.40	23.85	24.76	23.43	22.9	29.81	30.00	30.21	36.00
5825MHz	Pass	0.40	23.63	24.67	23.14	23.1	29.70	30.00	30.10	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	15.73	17.05	15.44	15.4	21.98	30.00	22.48	36.00
5230MHz	Pass	0.50	20.81	21.86	21.36	20.45	27.17	30.00	27.67	36.00
5755MHz	Pass	0.40	23.61	25.14	22.72	23.38	29.83	30.00	30.23	36.00
5795MHz	Pass	0.40	23.24	24.8	22.62	23.29	29.59	30.00	29.99	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	12.26	13.78	12.59	12	18.73	30.00	19.23	36.00
5775MHz	Pass	0.40	19.37	20.32	18.43	18.73	25.29	30.00	25.69	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	18.68	19.84	18.7	18.28	24.94	30.00	25.44	36.00
5200MHz	Pass	0.50	22.58	23.76	22.27	22.29	28.79	30.00	29.29	36.00
5240MHz	Pass	0.50	23.09	24.41	23.29	23.13	29.54	30.00	30.04	36.00
5745MHz	Pass	0.40	23.41	24.22	23.66	23.47	29.72	30.00	30.12	36.00
5785MHz	Pass	0.40	23.46	24.44	23.45	24.05	29.89	30.00	30.29	36.00
5825MHz	Pass	0.40	23.26	24.05	23.31	24	29.69	30.00	30.09	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	15.55	16.41	15.16	15.59	21.72	30.00	22.22	36.00
5230MHz	Pass	0.50	20.35	22.33	20.57	20.71	27.09	30.00	27.59	36.00
5755MHz	Pass	0.40	23.54	23.81	23.6	23.34	29.60	30.00	30.00	36.00
5795MHz	Pass	0.40	23.71	24.16	23.77	23.6	29.84	30.00	30.24	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	13.74	15.1	13.7	13.75	20.14	30.00	20.64	36.00
5775MHz	Pass	0.40	18.57	19.21	18.46	18.77	24.78	30.00	25.18	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	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.80	0.75858	35.32	3.40408
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.56	0.71779	35.08	3.22107
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	17.84	0.06081	24.36	0.27290
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.91	0.77804	35.43	3.49140
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.62	0.72778	35.14	3.26588
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.34	0.08590	25.86	0.38548
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.89	0.77446	35.31	3.39625
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.36	0.68549	34.78	3.00608
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	24.70	0.29512	31.12	1.29420
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.03	0.79983	35.45	3.50752
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.80	0.75858	35.22	3.32660
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.80	0.60256	34.22	2.64241





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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	14.71	15.76	14.09	14.52	20.84	29.48	27.36	36.00
5200MHz	Pass	6.52	22.24	23.31	22.62	22.86	28.80	29.48	35.32	36.00
5240MHz	Pass	6.52	22.34	22.77	22.71	23.23	28.79	29.48	35.31	36.00
5745MHz	Pass	6.42	22.68	22.52	23.37	22.76	28.87	29.58	35.29	36.00
5785MHz	Pass	6.42	22.61	22.77	23.18	22.89	28.89	29.58	35.31	36.00
5825MHz	Pass	6.42	22.50	23.04	22.97	22.75	28.84	29.58	35.26	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	18.07	19.10	17.11	13.94	23.46	29.48	29.98	36.00
5230MHz	Pass	6.52	22.20	22.90	22.59	22.42	28.56	29.48	35.08	36.00
5755MHz	Pass	6.42	22.07	21.97	22.78	22.49	28.36	29.58	34.78	36.00
5795MHz	Pass	6.42	22.17	21.88	22.62	22.40	28.30	29.58	34.72	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	11.62	11.93	11.99	11.74	17.84	29.48	24.36	36.00
5775MHz	Pass	6.42	18.38	18.05	19.40	18.77	24.70	29.58	31.12	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	20.47	21.55	21.06	21.31	27.14	29.48	33.66	36.00
5200MHz	Pass	6.52	22.18	22.89	22.75	23.63	28.91	29.48	35.43	36.00
5240MHz	Pass	6.52	22.20	22.90	22.75	23.42	28.86	29.48	35.38	36.00
5745MHz	Pass	6.42	22.81	22.73	23.42	23.04	29.03	29.58	35.45	36.00
5785MHz	Pass	6.42	22.48	22.91	22.96	23.06	28.88	29.58	35.30	36.00
5825MHz	Pass	6.42	22.48	23.03	22.86	22.62	28.77	29.58	35.19	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	11.80	14.69	14.05	14.08	19.80	29.48	26.32	36.00
5230MHz	Pass	6.52	22.18	23.04	22.33	22.78	28.62	29.48	35.14	36.00
5755MHz	Pass	6.42	22.42	22.39	23.06	22.68	28.67	29.58	35.09	36.00
5795MHz	Pass	6.42	22.38	22.83	23.04	22.84	28.80	29.58	35.22	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	12.25	13.81	13.17	13.86	19.34	29.48	25.86	36.00
5775MHz	Pass	6.42	21.42	21.17	22.40	22.03	27.80	29.58	34.22	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	15.92	22.44
802.11ac VHT20_Nss1,(MCS0)_4TX	16.06	22.58
802.11ac VHT40_Nss1,(MCS0)_4TX	10.85	17.37
802.11ac VHT80_Nss1,(MCS0)_4TX	0.02	6.54
802.11ax HEW20_Nss1,(MCS0)_4TX	15.35	21.87
802.11ax HEW40_Nss1,(MCS0)_4TX	10.33	16.85
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.72	5.80
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.61	21.03
802.11ac VHT20_Nss1,(MCS0)_4TX	14.64	21.06
802.11ac VHT40_Nss1,(MCS0)_4TX	11.71	18.13
802.11ac VHT80_Nss1,(MCS0)_4TX	4.21	10.63
802.11ax HEW20_Nss1,(MCS0)_4TX	13.75	20.17
802.11ax HEW40_Nss1,(MCS0)_4TX	10.88	17.30
802.11ax HEW80_Nss1,(MCS0)_4TX	3.54	9.96

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	4.72	6.07	4.86	4.85	11.12	16.48	17.64	23.00
5200MHz	Pass	6.52	8.46	10.17	8.65	8.52	14.97	16.48	21.49	23.00
5240MHz	Pass	6.52	9.5	11.03	9.58	9.6	15.92	16.48	22.44	23.00
5745MHz	Pass	6.42	8.59	9.55	8.37	8.23	14.56	29.58	20.98	36.00
5785MHz	Pass	6.42	8.28	9.5	8.3	8.8	14.61	29.58	21.03	36.00
5825MHz	Pass	6.42	8.4	9.37	8.22	8.68	14.55	29.58	20.97	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	4.36	5.32	4.32	4.23	10.50	16.48	17.02	23.00
5200MHz	Pass	6.52	8.57	9.79	8.59	8.6	14.84	16.48	21.36	23.00
5240MHz	Pass	6.52	9.91	10.65	9.94	10.02	16.06	16.48	22.58	23.00
5745MHz	Pass	6.42	8.2	9.63	8.17	8.58	14.47	29.58	20.89	36.00
5785MHz	Pass	6.42	8.95	9.24	8.46	8.49	14.64	29.58	21.06	36.00
5825MHz	Pass	6.42	8.42	9.54	8.1	8.35	14.48	29.58	20.90	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	0.91	2.04	1.31	0.77	7.16	16.48	13.68	23.00
5230MHz	Pass	6.52	4.42	5.38	4.97	4.72	10.85	16.48	17.37	23.00
5755MHz	Pass	6.42	4.93	6.15	4.38	5.24	11.10	29.58	17.52	36.00
5795MHz	Pass	6.42	5.57	6.88	5.04	5.75	11.71	29.58	18.13	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	-6.4	-4.9	-5.89	-6.34	0.02	16.48	6.54	23.00
5775MHz	Pass	6.42	-1.79	-0.85	-2.02	-1.78	4.21	29.58	10.63	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	4.24	5.39	4.18	4.25	10.46	16.48	16.98	23.00
5200MHz	Pass	6.52	7.67	9.17	7.7	7.54	14.03	16.48	20.55	23.00
5240MHz	Pass	6.52	8.89	10.47	8.87	9.26	15.35	16.48	21.87	23.00
5745MHz	Pass	6.42	7.61	8.44	7.7	7.55	13.72	29.58	20.14	36.00
5785MHz	Pass	6.42	7.55	8.54	7.46	7.98	13.75	29.58	20.17	36.00
5825MHz	Pass	6.42	7.32	8.4	7.48	7.92	13.65	29.58	20.07	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	-0.33	1.06	-0.34	-0.27	6.00	16.48	12.52	23.00
5230MHz	Pass	6.52	4.04	5.63	3.68	3.97	10.33	16.48	16.85	23.00
5755MHz	Pass	6.42	4.86	5.35	5.03	4.79	10.88	29.58	17.30	36.00
5795MHz	Pass	6.42	4.72	5.27	5.12	4.7	10.80	29.58	17.22	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	-6.9	-5.55	-7.02	-7.25	-0.72	16.48	5.80	23.00
5775MHz	Pass	6.42	-2.4	-2.09	-2.62	-2.25	3.54	29.58	9.96	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;



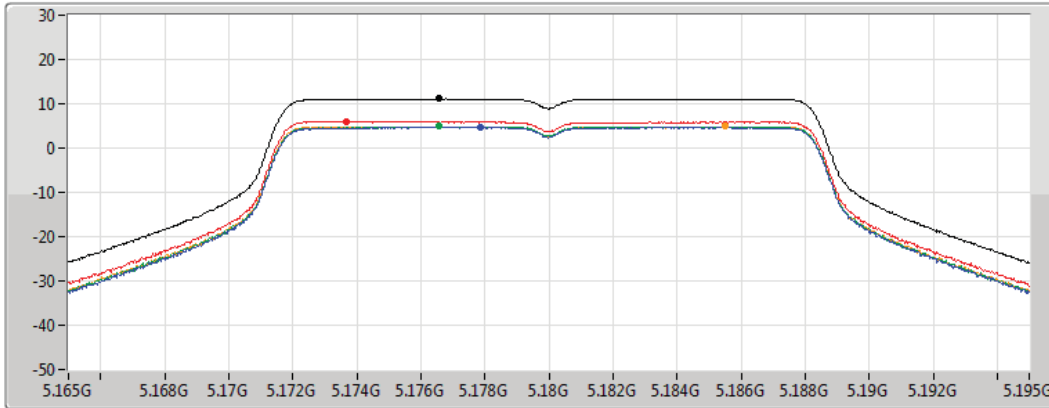
802.11a\_Nss1,(6Mbps)\_4TX

PSD

5180MHz

09/12/2020

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.12	11.12	4.72	6.07	4.86	4.85

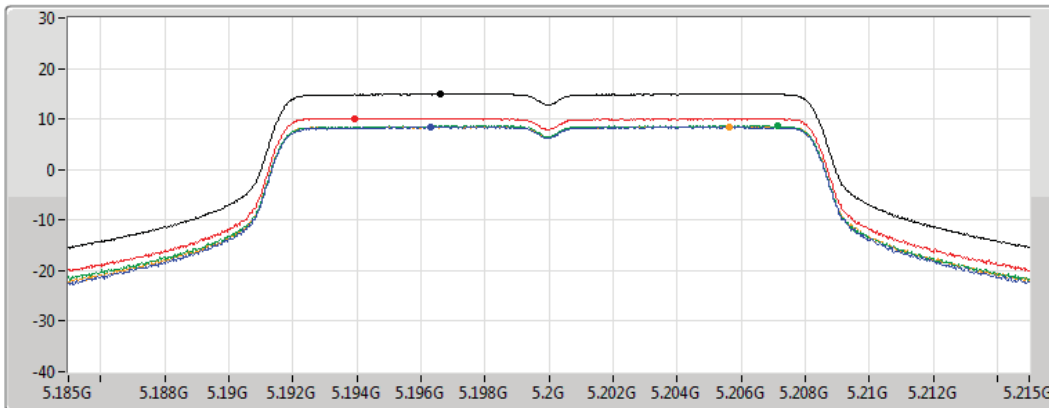
802.11a\_Nss1,(6Mbps)\_4TX

PSD

5200MHz

09/12/2020

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.97	14.97	8.46	10.17	8.65	8.52

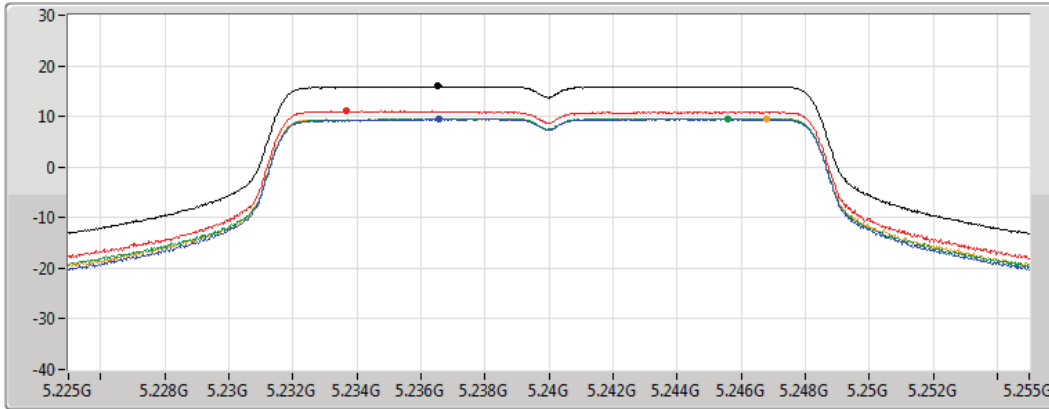
### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5240MHz

09/12/2020

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.92	15.92	9.50	11.03	9.58	9.60

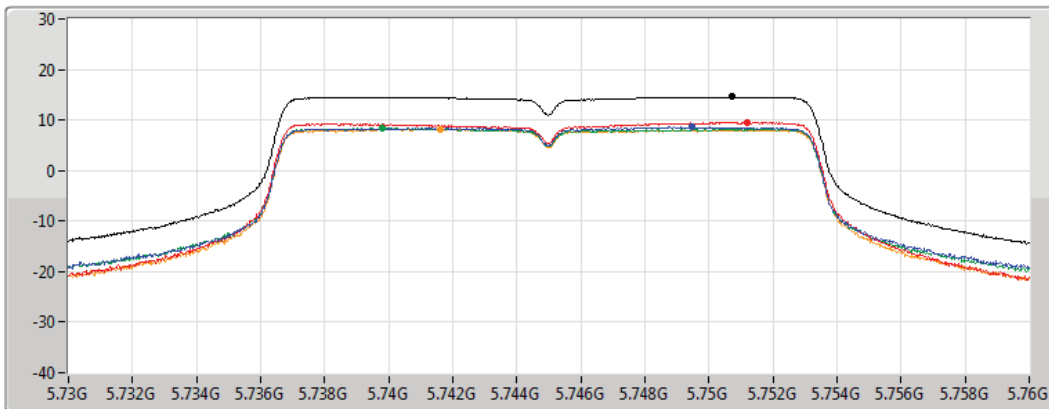
### 802.11a\_Nss1,(6Mbps)\_4TX

### PSD

5745MHz

09/12/2020

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

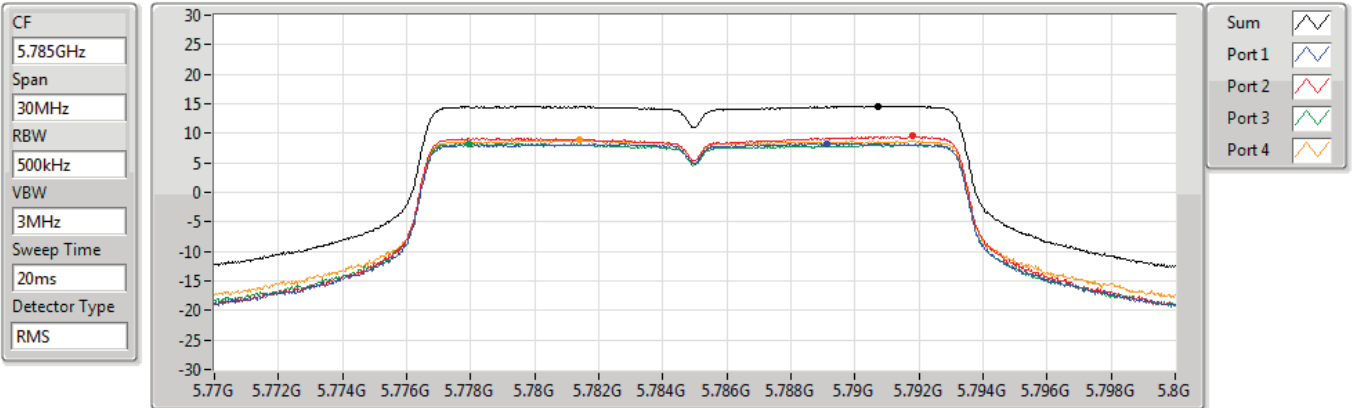
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.56	14.56	8.59	9.55	8.37	8.23

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

### PSD

5785MHz

09/12/2020



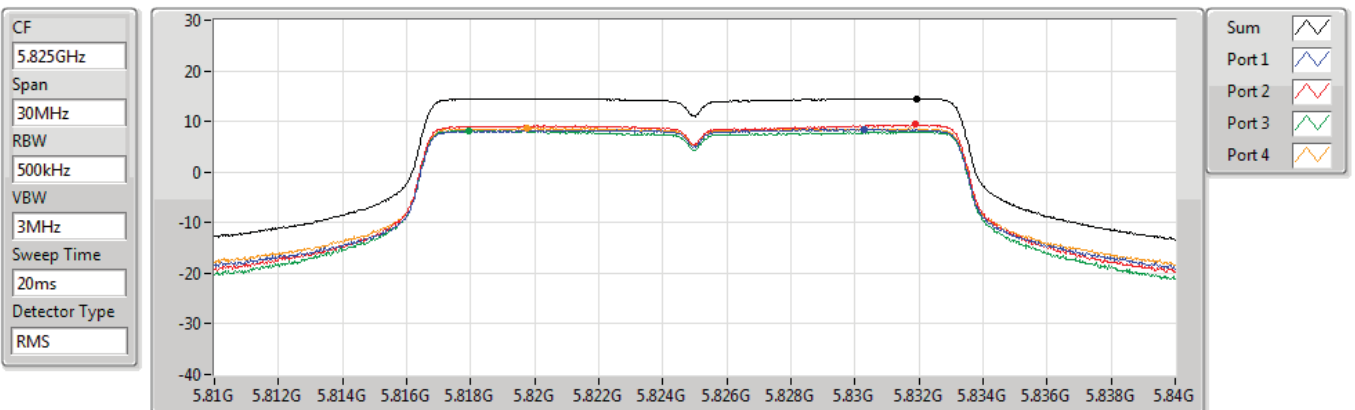
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.61	14.61	8.28	9.50	8.30	8.80

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

### PSD

5825MHz

09/12/2020



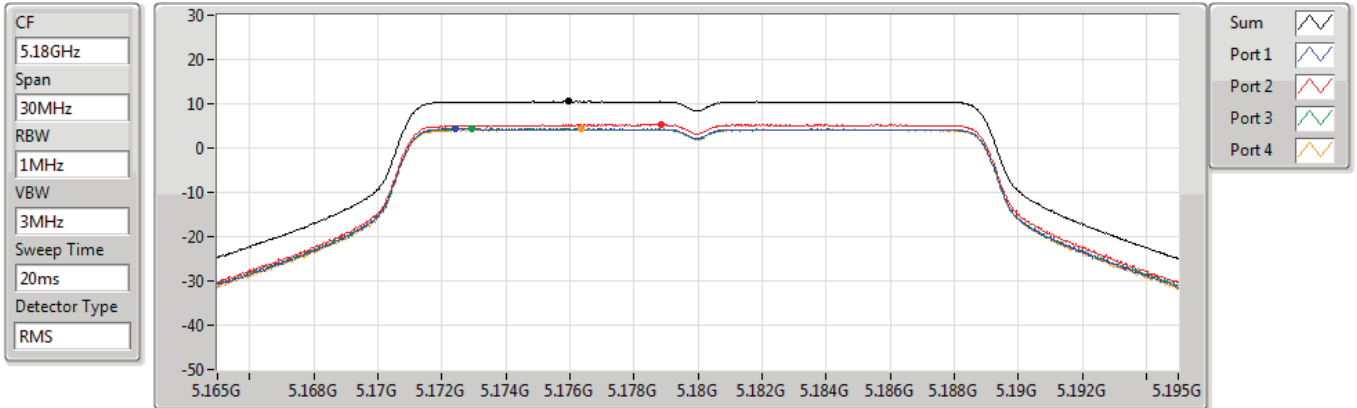
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.55	14.55	8.40	9.37	8.22	8.68

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### PSD

#### 5180MHz

15/12/2020



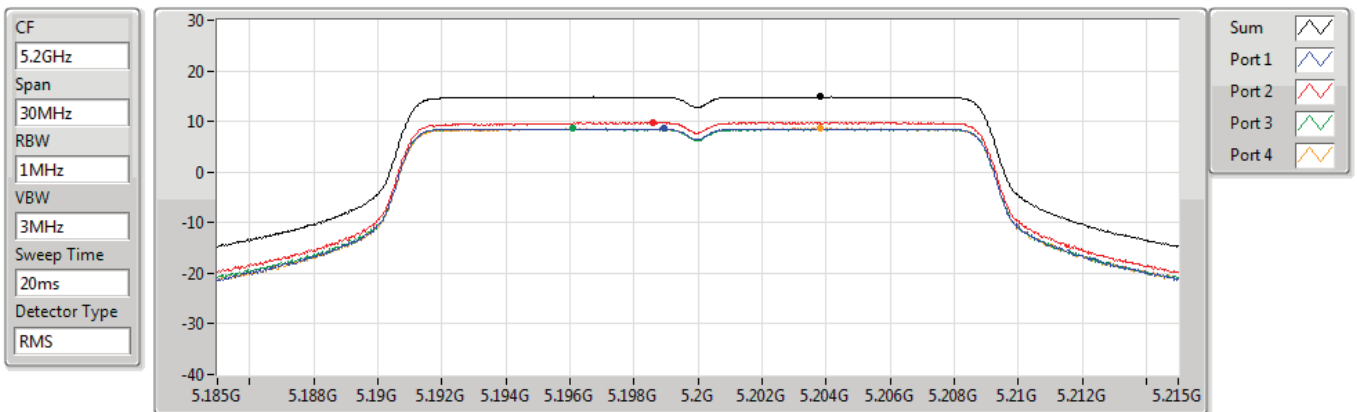
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.36	5.32	4.32	4.23

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### PSD

#### 5200MHz

15/12/2020



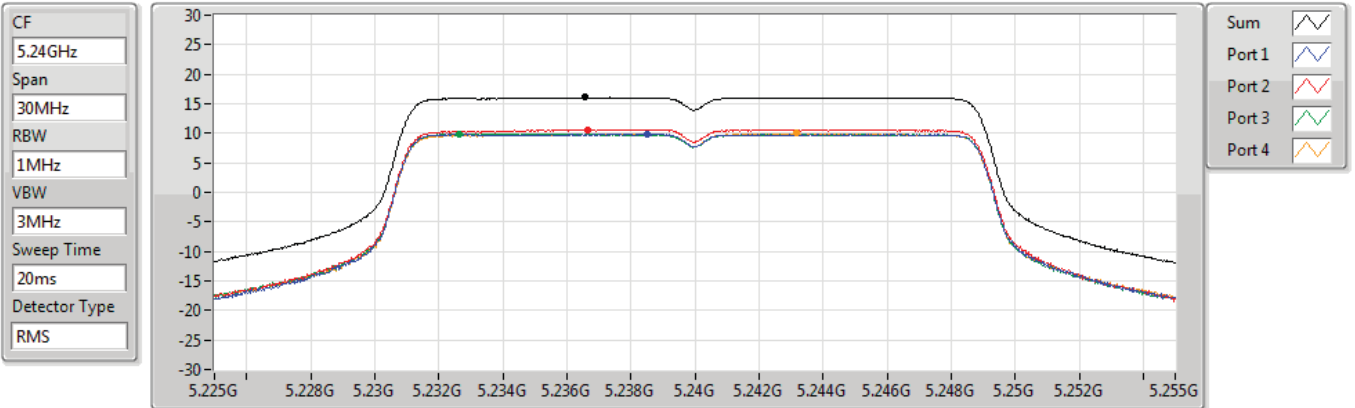
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.84	14.84	8.57	9.79	8.59	8.60

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### PSD

#### 5240MHz

15/12/2020



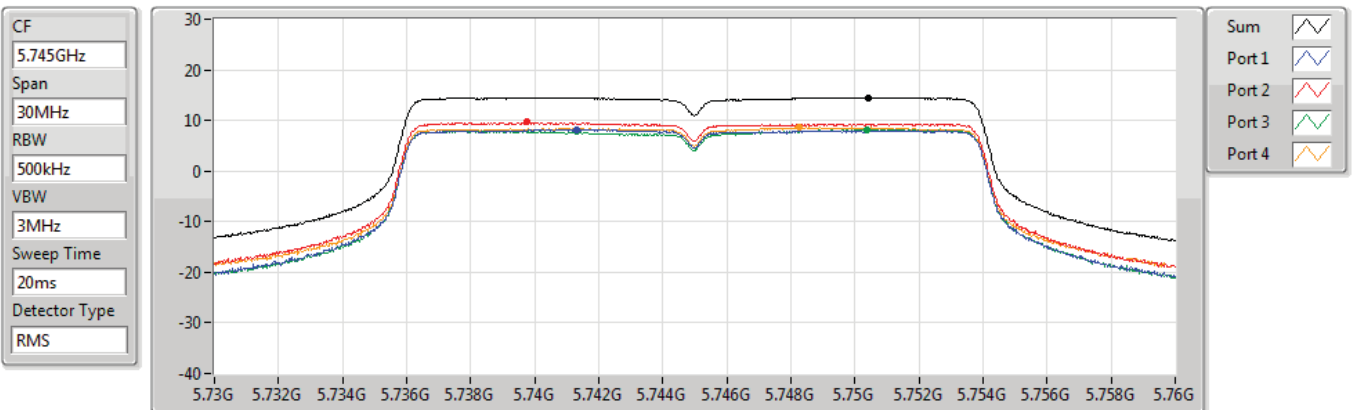
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.06	16.06	9.91	10.65	9.94	10.02

### 802.11ac VHT20\_Nss1,(MCS0)\_4TX

### PSD

#### 5745MHz

16/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.47	14.47	8.20	9.63	8.17	8.58



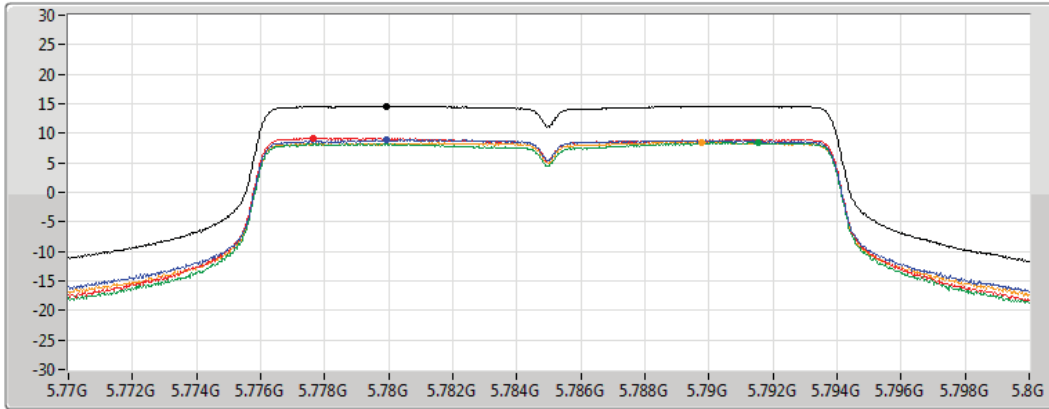
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

16/12/2020

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	8.95	9.24	8.46	8.49

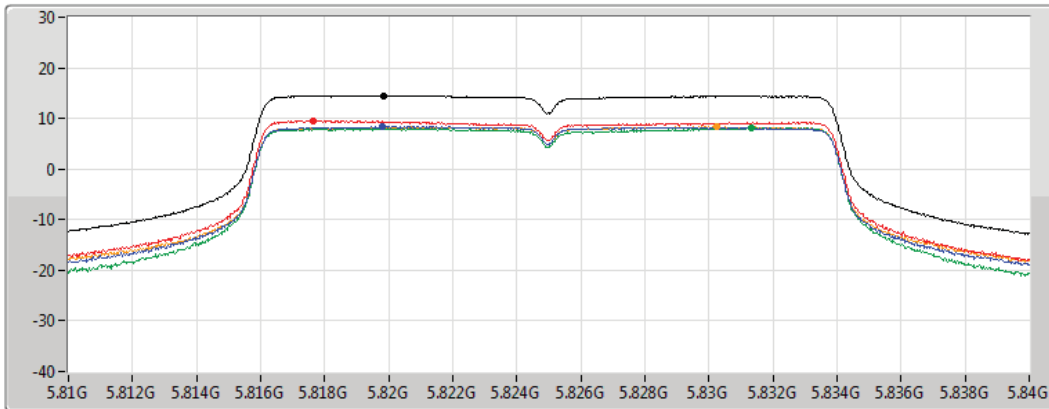
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

16/12/2020

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.48	14.48	8.42	9.54	8.10	8.35

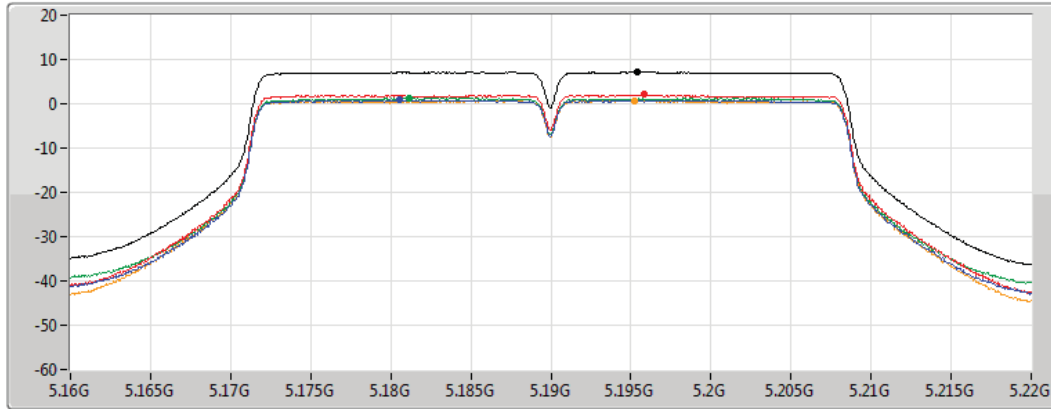
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

16/12/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	0.91	2.04	1.31	0.77

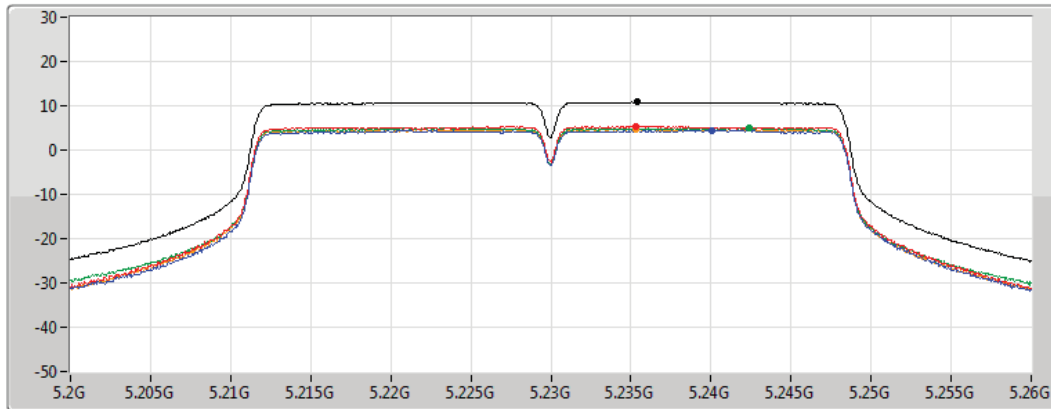
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

16/12/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

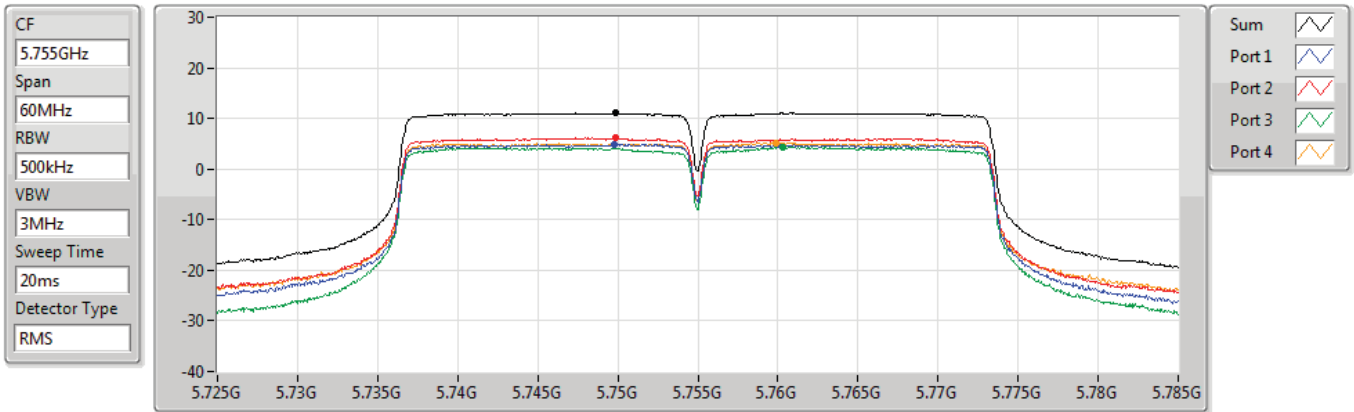
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	4.42	5.38	4.97	4.72

802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

16/12/2020



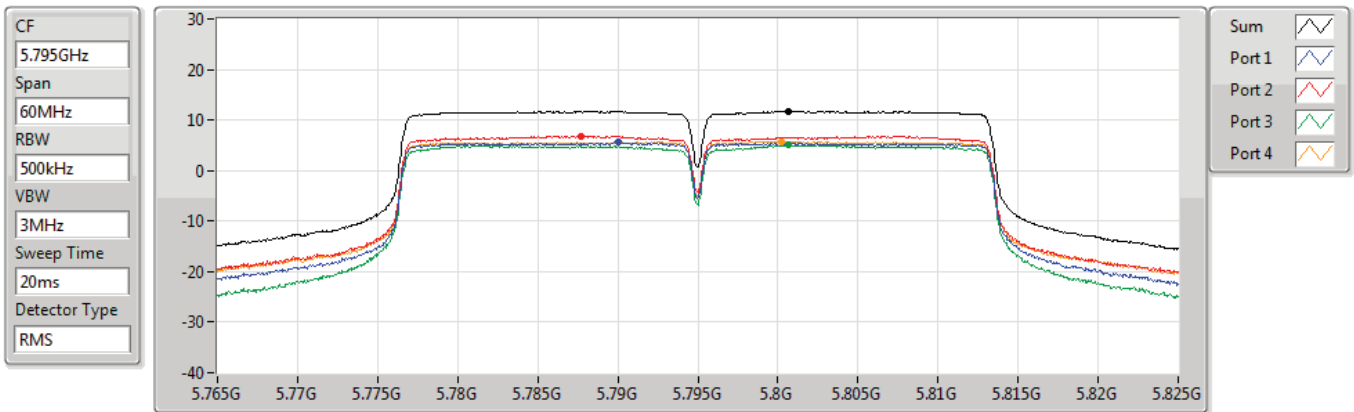
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	4.93	6.15	4.38	5.24

802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

16/12/2020



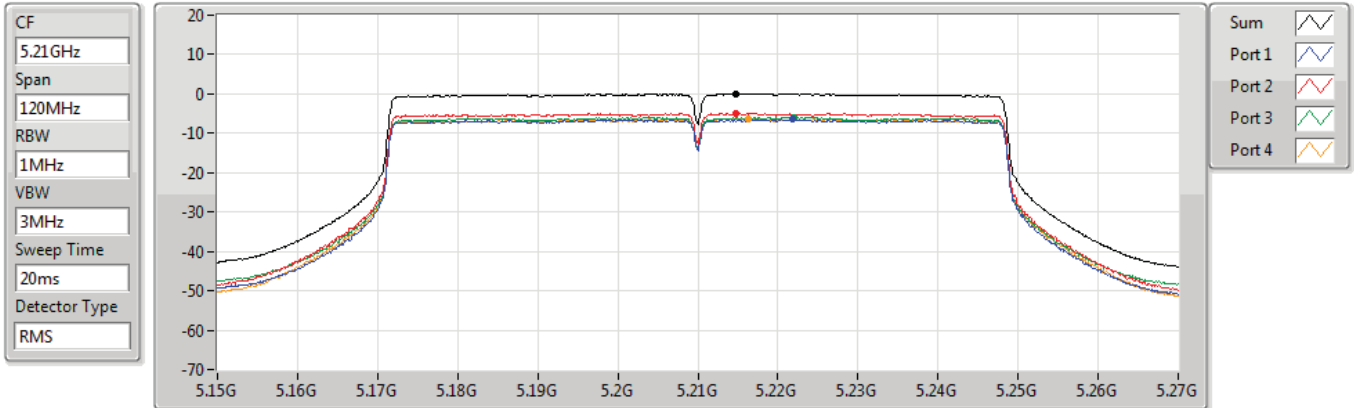
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.71	11.71	5.57	6.88	5.04	5.75

### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### PSD

5210MHz

16/12/2020



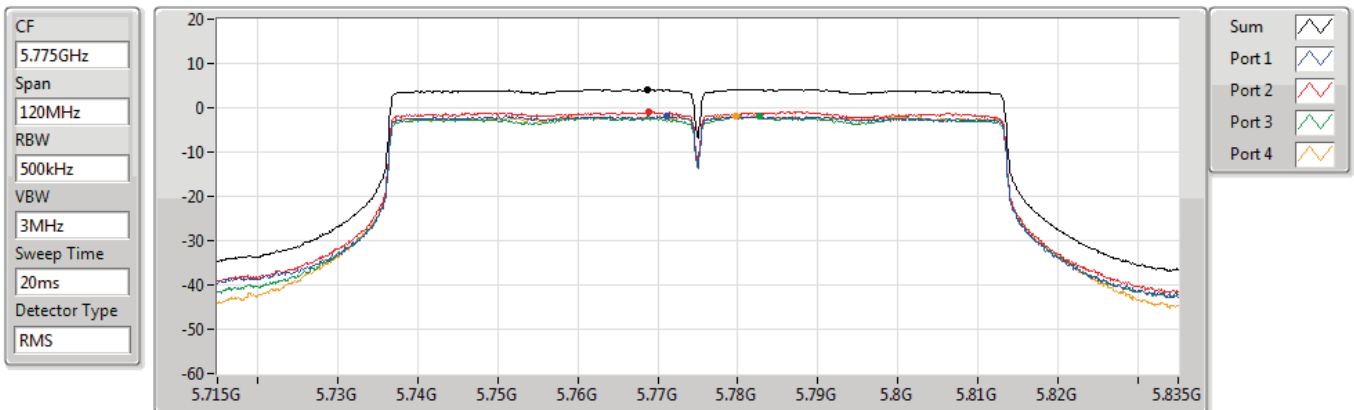
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.02	0.02	-6.40	-4.90	-5.89	-6.34

### 802.11ac VHT80\_Nss1,(MCS0)\_4TX

### PSD

5775MHz

16/12/2020



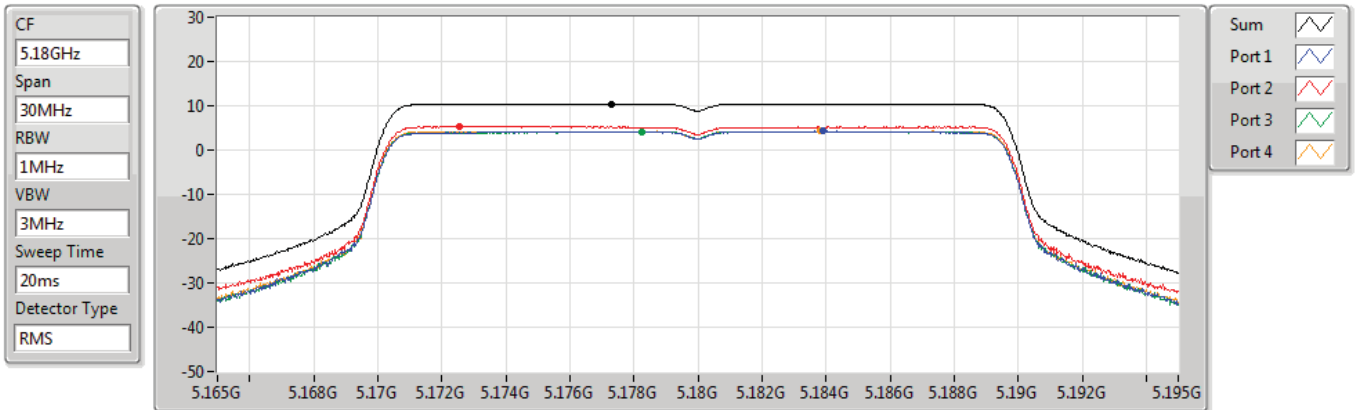
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.21	4.21	-1.79	-0.85	-2.02	-1.78

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

### PSD

#### 5180MHz

09/12/2020



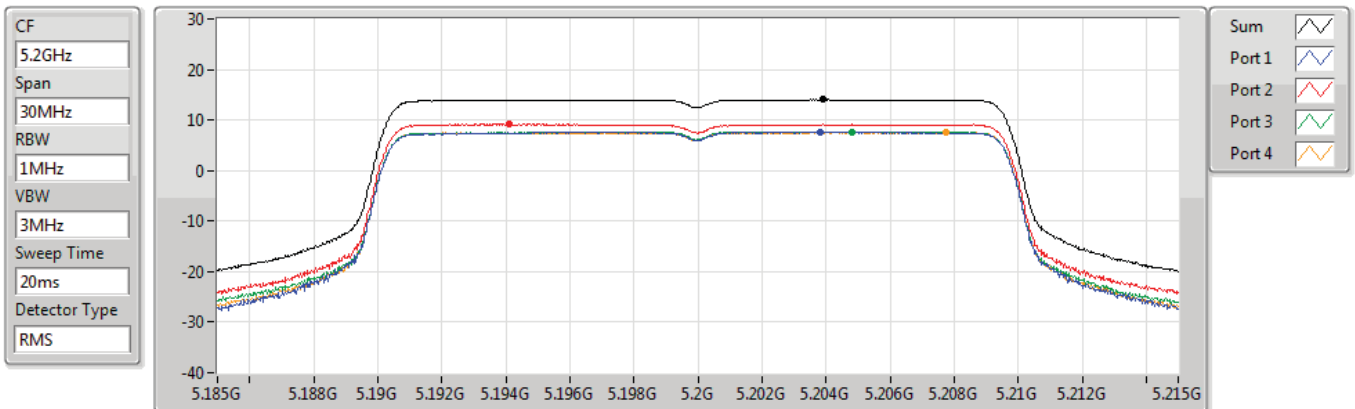
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	4.24	5.39	4.18	4.25

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

### PSD

#### 5200MHz

09/12/2020



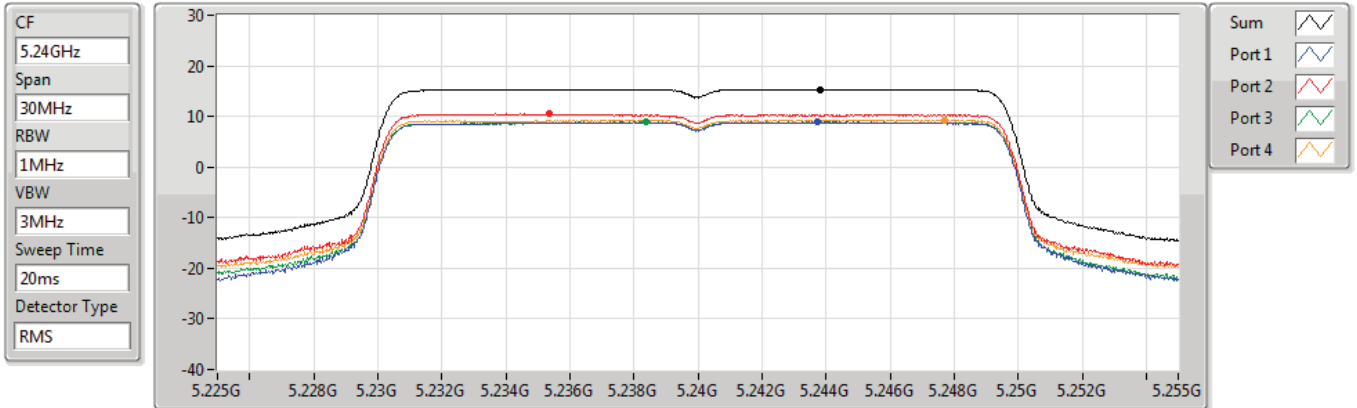
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	7.67	9.17	7.70	7.54

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

### PSD

#### 5240MHz

09/12/2020



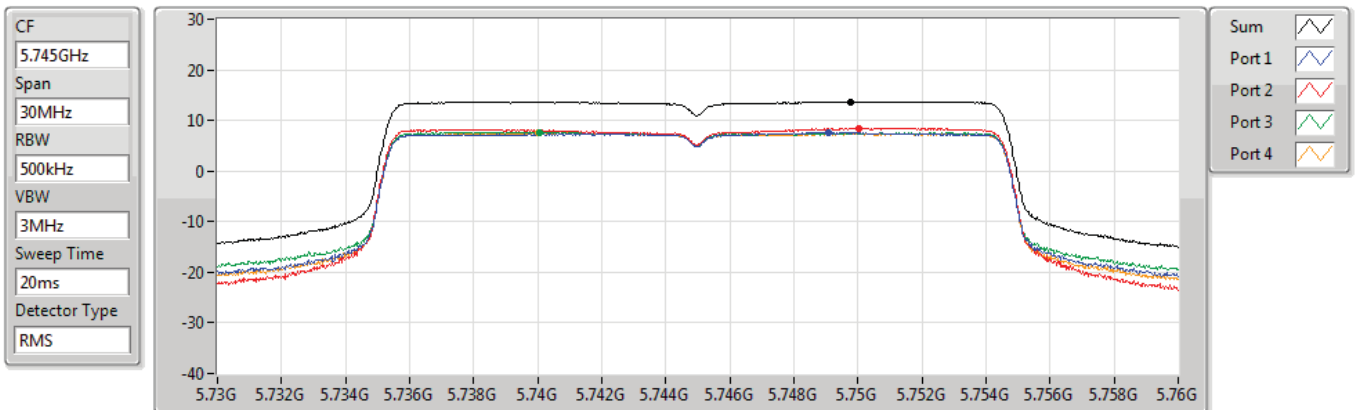
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.35	15.35	8.89	10.47	8.87	9.26

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

### PSD

#### 5745MHz

09/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.72	13.72	7.61	8.44	7.70	7.55

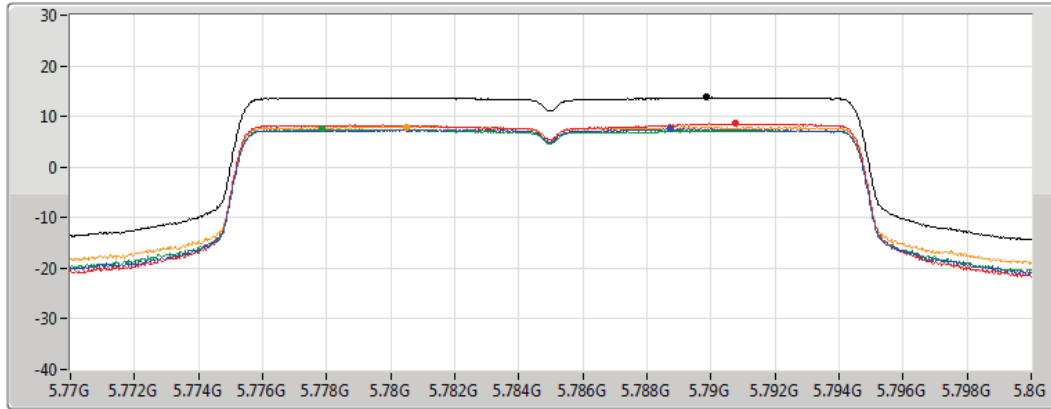
802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

09/12/2020

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.75	13.75	7.55	8.54	7.46	7.98

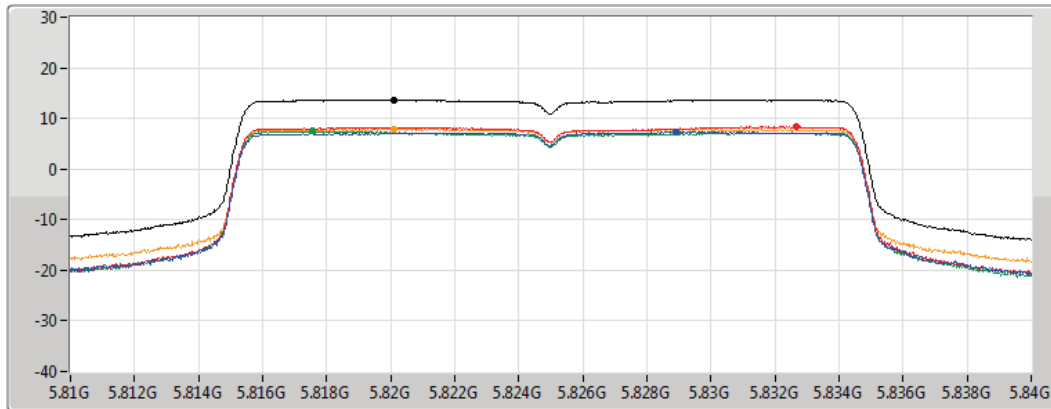
802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

09/12/2020

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.65	13.65	7.32	8.40	7.48	7.92



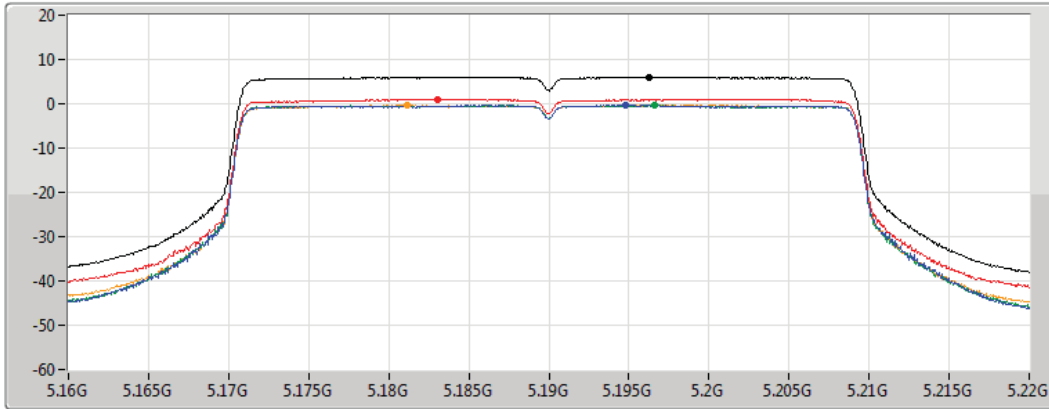
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

09/12/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	-0.33	1.06	-0.34	-0.27

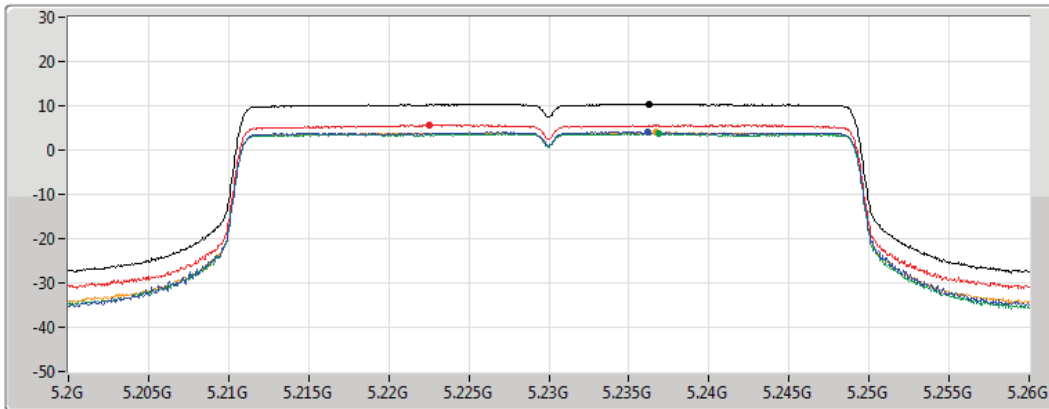
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

09/12/2020

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



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	4.04	5.63	3.68	3.97



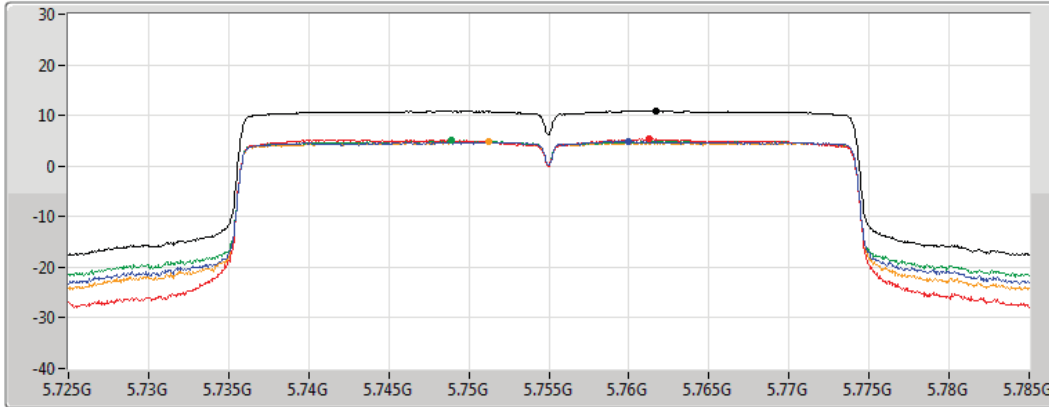
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

09/12/2020

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	4.86	5.35	5.03	4.79

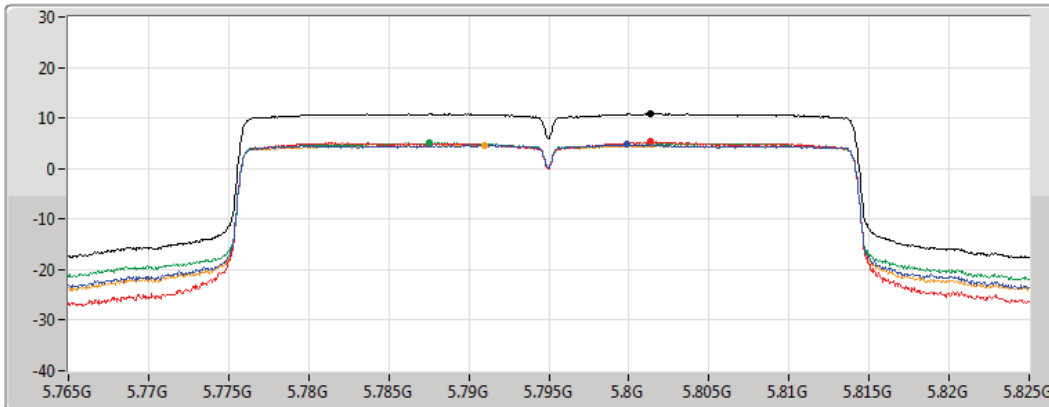
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

09/12/2020

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.72	5.27	5.12	4.70

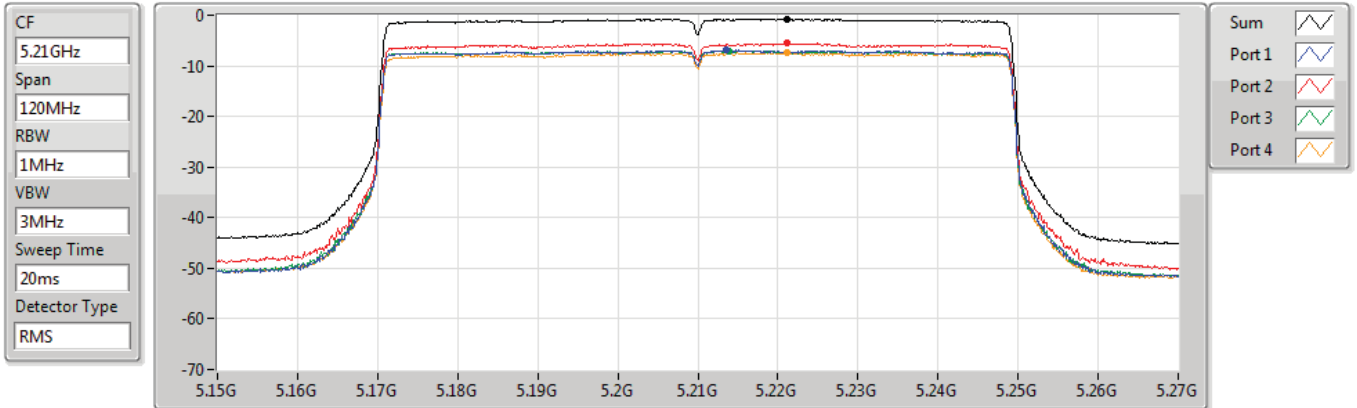


802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

09/12/2020



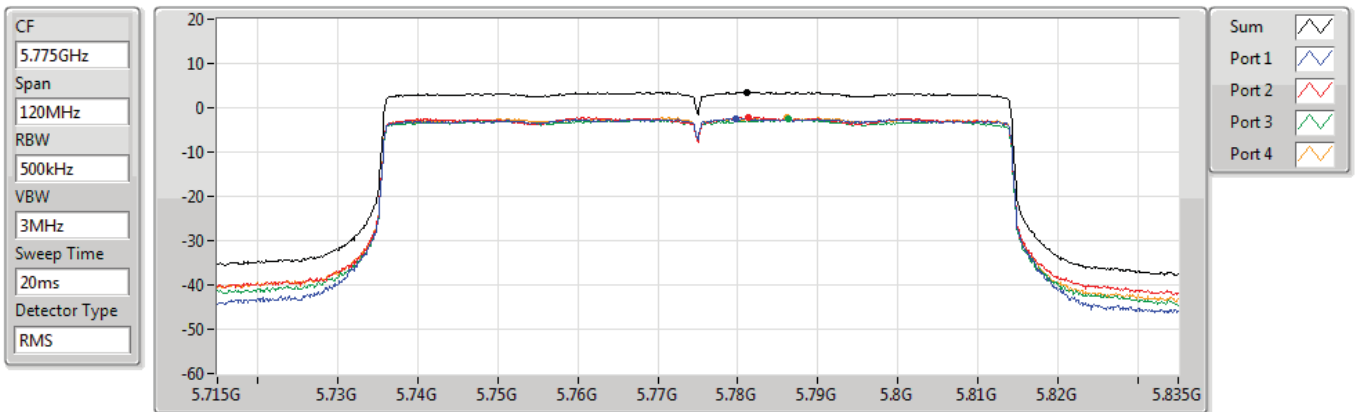
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-6.90	-5.55	-7.02	-7.25

802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5775MHz

09/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.54	3.54	-2.40	-2.09	-2.62	-2.25



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	16.2	16.70
802.11ac VHT40_Nss4,(MCS0)_4TX	10.73	11.23
802.11ac VHT80_Nss4,(MCS0)_4TX	-0.72	-0.22
802.11ax HEW20_Nss4,(MCS0)_4TX	15.25	15.75
802.11ax HEW40_Nss4,(MCS0)_4TX	10.02	10.52
802.11ax HEW80_Nss4,(MCS0)_4TX	0.22	0.72
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	14.82	15.22
802.11ac VHT40_Nss4,(MCS0)_4TX	11.83	12.23
802.11ac VHT80_Nss4,(MCS0)_4TX	4.75	5.15
802.11ax HEW20_Nss4,(MCS0)_4TX	14.04	14.44
802.11ax HEW40_Nss4,(MCS0)_4TX	11.23	11.63
802.11ax HEW80_Nss4,(MCS0)_4TX	3.44	3.84

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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	4.82	6.22	5.26	4.59	11.13	17.00	11.63	23.00
5200MHz	Pass	0.50	8.7	10.19	8.9	8.51	15.00	17.00	15.50	23.00
5240MHz	Pass	0.50	10.13	11.19	10.48	9.57	16.20	17.00	16.70	23.00
5745MHz	Pass	0.40	8.32	10.15	8.08	8.13	14.65	30.00	15.05	36.00
5785MHz	Pass	0.40	9.03	9.79	8.58	8.2	14.82	30.00	15.22	36.00
5825MHz	Pass	0.40	8.8	9.73	8.23	8.13	14.65	30.00	15.05	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	-0.62	0.7	-0.82	-0.98	5.45	17.00	5.95	23.00
5230MHz	Pass	0.50	4.54	5.53	5	4.2	10.73	17.00	11.23	23.00
5755MHz	Pass	0.40	5.91	7.19	4.94	5.65	11.83	30.00	12.23	36.00
5795MHz	Pass	0.40	5.53	7.41	4.78	5.61	11.75	30.00	12.15	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	-7.17	-5.37	-6.82	-7.38	-0.72	17.00	-0.22	23.00
5775MHz	Pass	0.40	-1.11	0.07	-1.98	-1.48	4.75	30.00	5.15	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	0.50	4.39	5.55	4.5	4.04	10.62	17.00	11.12	23.00
5200MHz	Pass	0.50	8.24	9.44	8.08	8.33	14.50	17.00	15.00	23.00
5240MHz	Pass	0.50	8.54	10.53	8.72	9.06	15.25	17.00	15.75	23.00
5745MHz	Pass	0.40	7.67	8.38	7.85	7.68	13.83	30.00	14.23	36.00
5785MHz	Pass	0.40	7.78	8.64	7.7	8.27	14.04	30.00	14.44	36.00
5825MHz	Pass	0.40	7.44	8.28	7.55	8.15	13.82	30.00	14.22	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	0.50	-1.46	-0.6	-1.68	-1.36	4.62	17.00	5.12	23.00
5230MHz	Pass	0.50	3.41	5.33	3.6	3.77	10.02	17.00	10.52	23.00
5755MHz	Pass	0.40	4.99	5.26	5.12	4.78	10.92	30.00	11.32	36.00
5795MHz	Pass	0.40	5.11	5.59	5.41	5.02	11.23	30.00	11.63	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	0.50	-6.11	-4.45	-6.03	-6.11	0.22	17.00	0.72	23.00
5775MHz	Pass	0.40	-2.6	-1.72	-2.56	-2.51	3.44	30.00	3.84	36.00

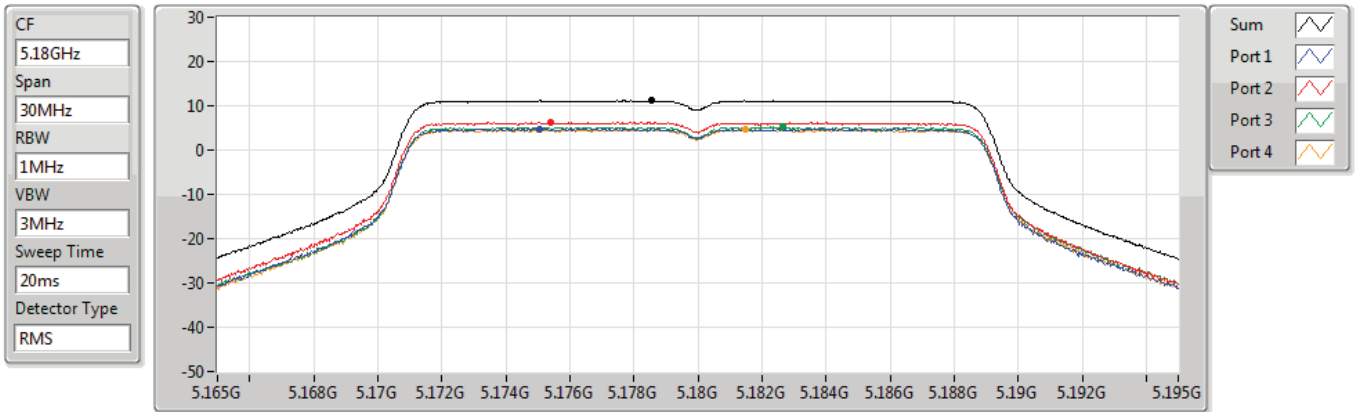
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### PSD

5180MHz

16/12/2020

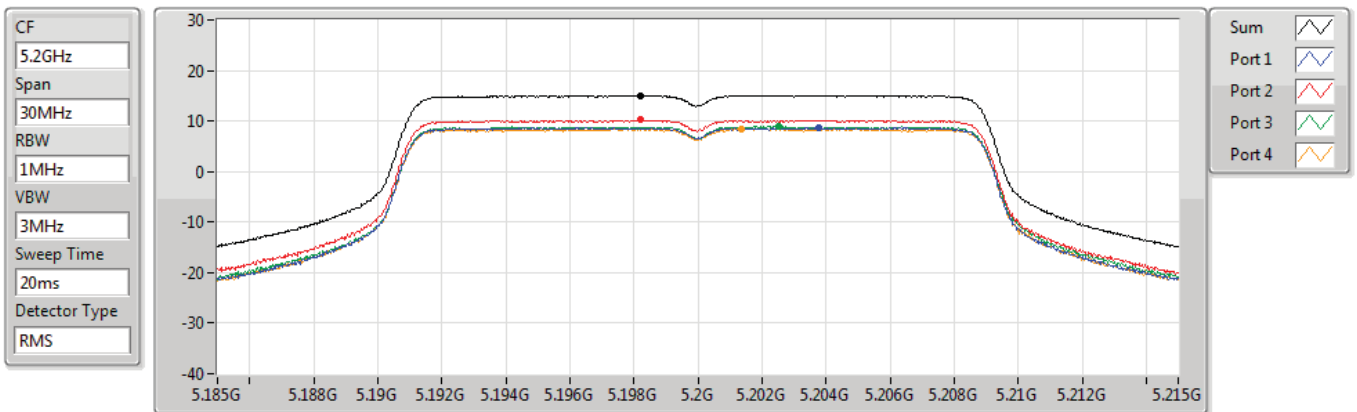


### 802.11ac VHT20\_Nss4,(MCS0)\_4TX

### PSD

5200MHz

16/12/2020



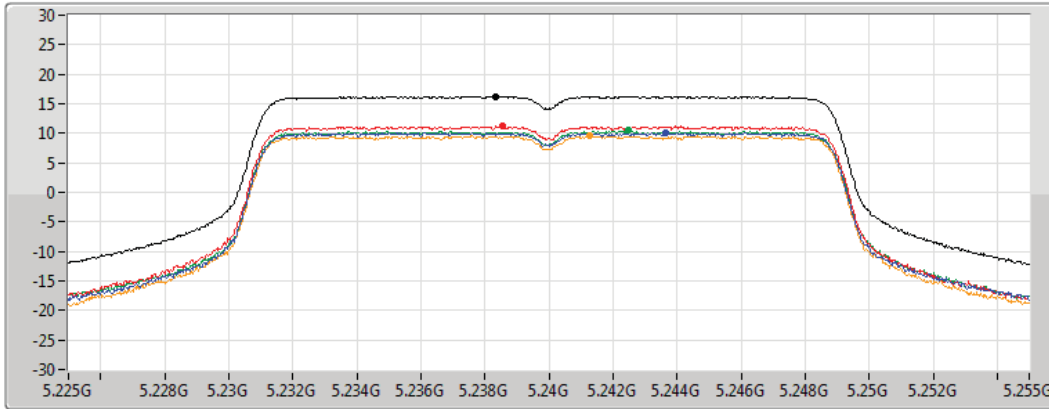
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5240MHz

16/12/2020

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.20	16.20	10.13	11.19	10.48	9.57

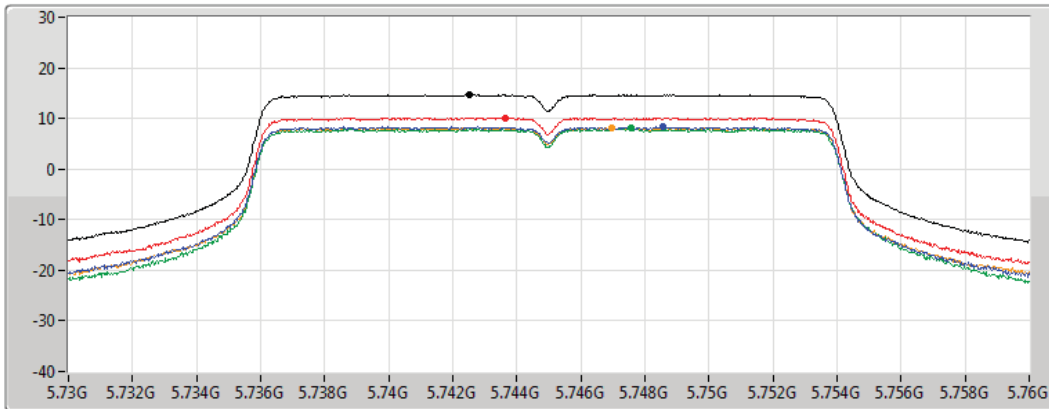
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5745MHz

16/12/2020

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.65	14.65	8.32	10.15	8.08	8.13

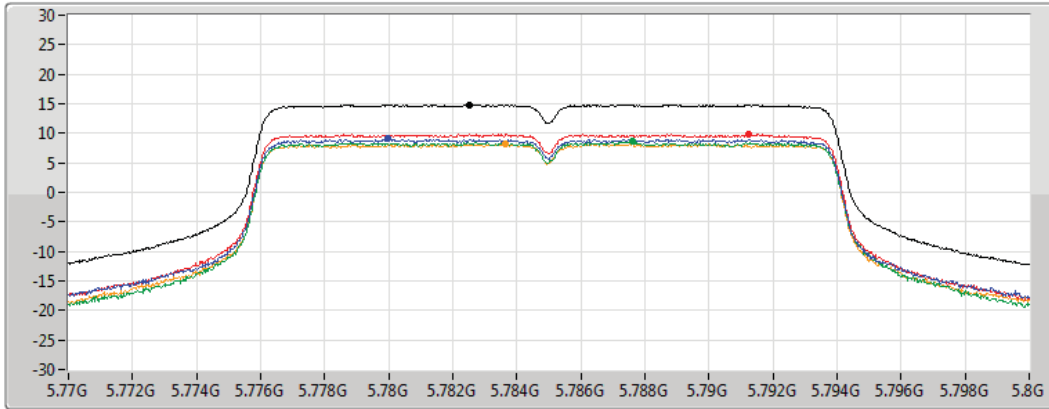
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5785MHz

16/12/2020

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.82	14.82	9.03	9.79	8.58	8.20

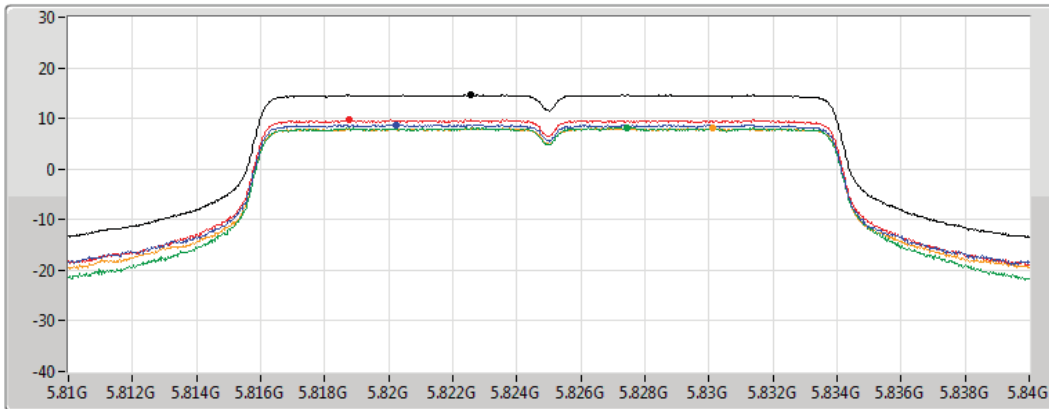
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5825MHz

16/12/2020

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4

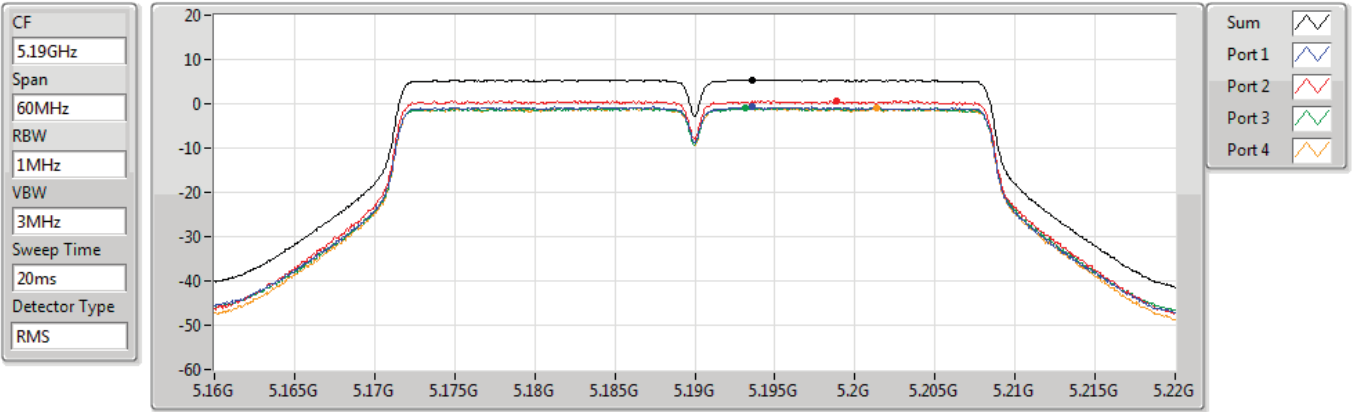
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.65	14.65	8.80	9.73	8.23	8.13

802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5190MHz

16/12/2020



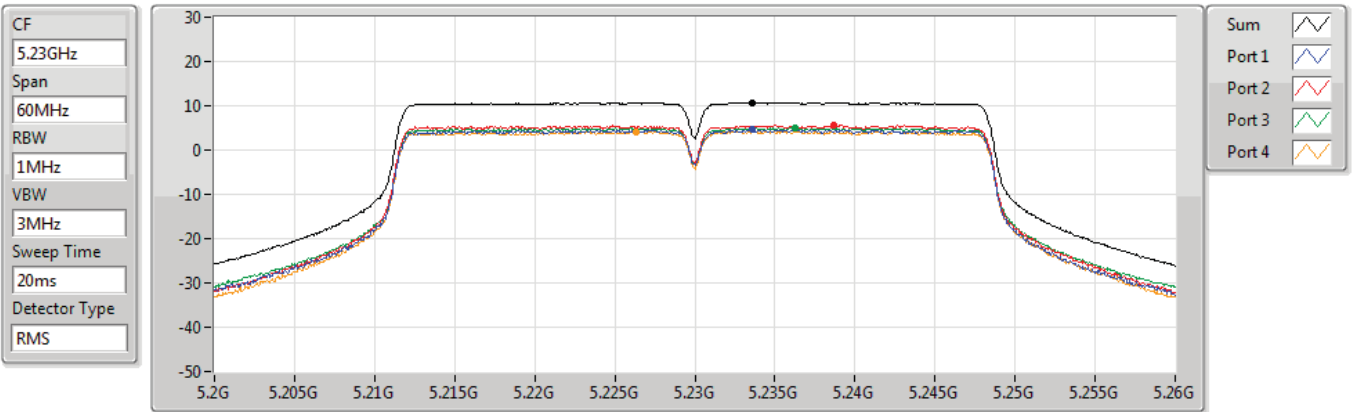
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.62	0.70	-0.82	-0.98

802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5230MHz

16/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.54	5.53	5.00	4.20



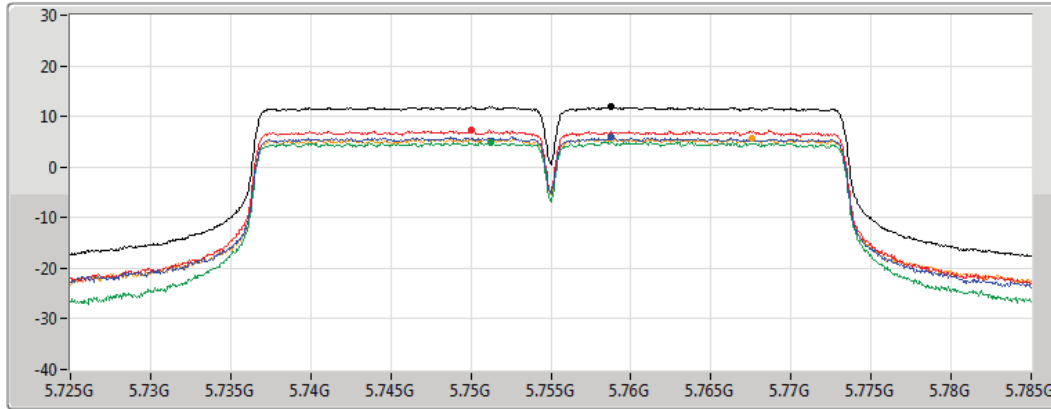
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5755MHz

16/12/2020

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.83	11.83	5.91	7.19	4.94	5.65

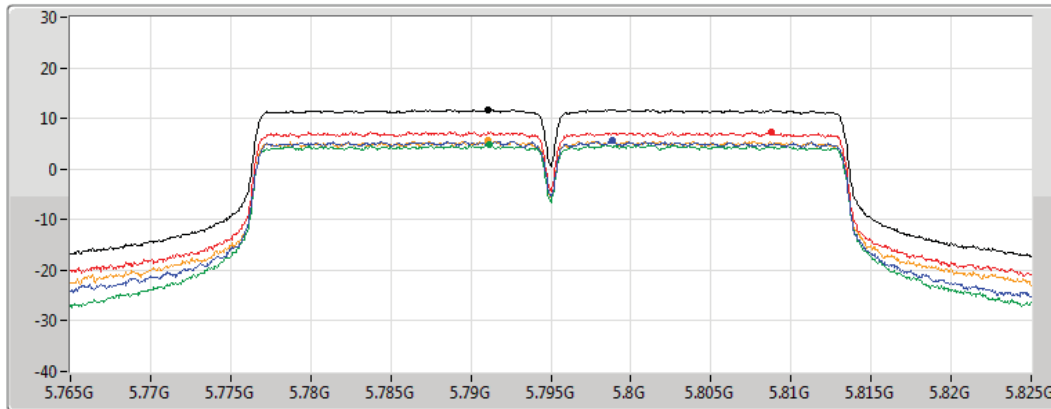
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

16/12/2020

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

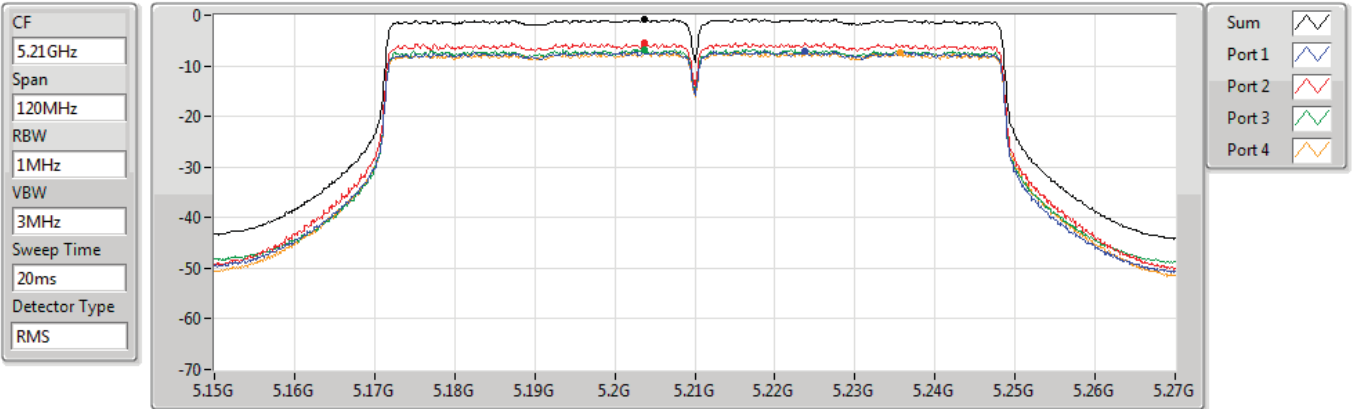
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.75	11.75	5.53	7.41	4.78	5.61

802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

5210MHz

16/12/2020



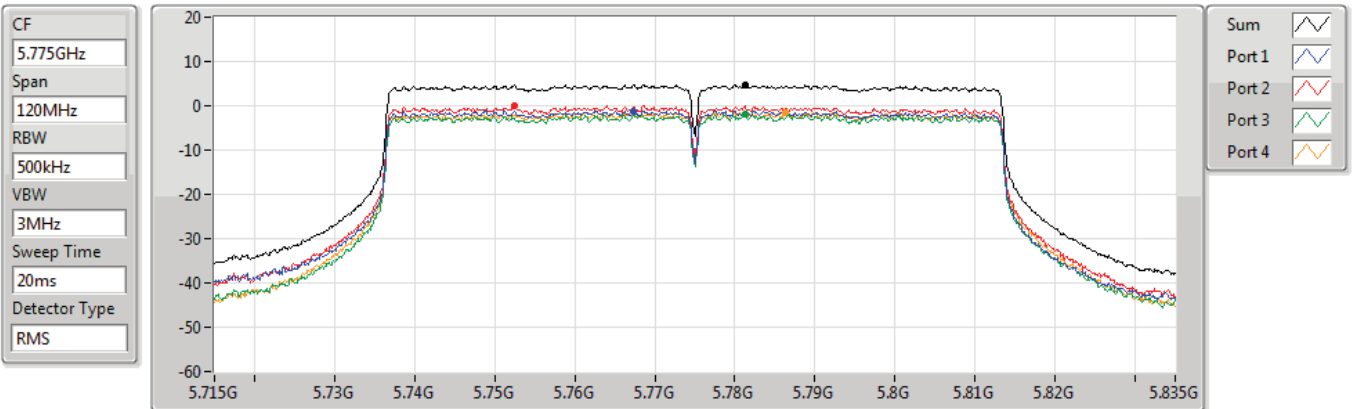
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-7.17	-5.37	-6.82	-7.38

802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

5775MHz

16/12/2020



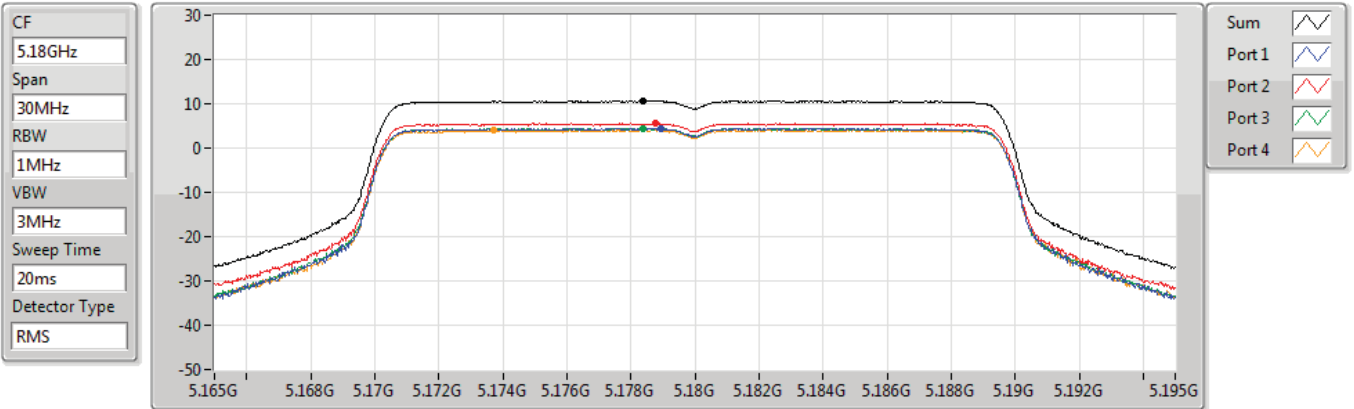
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-1.11	0.07	-1.98	-1.48

802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5180MHz

09/12/2020



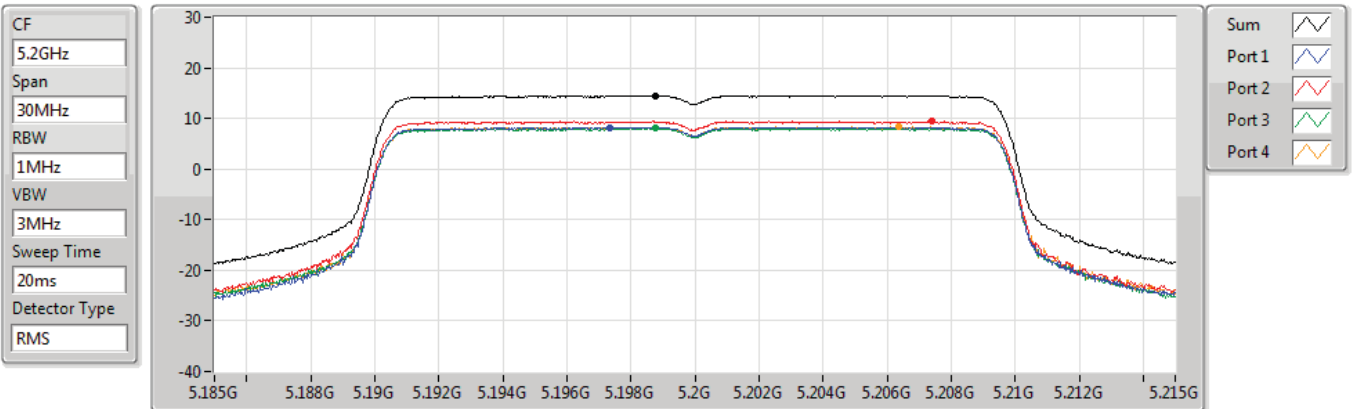
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.39	5.55	4.50	4.04

802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5200MHz

09/12/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.50	14.50	8.24	9.44	8.08	8.33

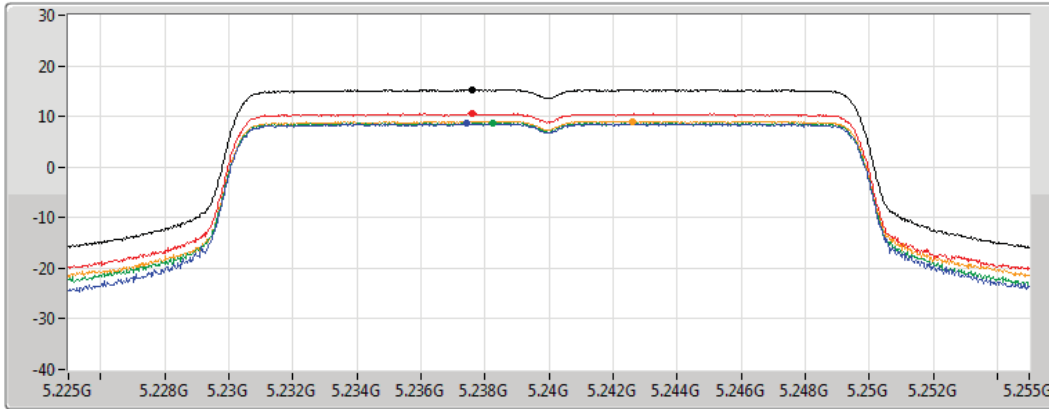
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5240MHz

09/12/2020

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.25	15.25	8.54	10.53	8.72	9.06

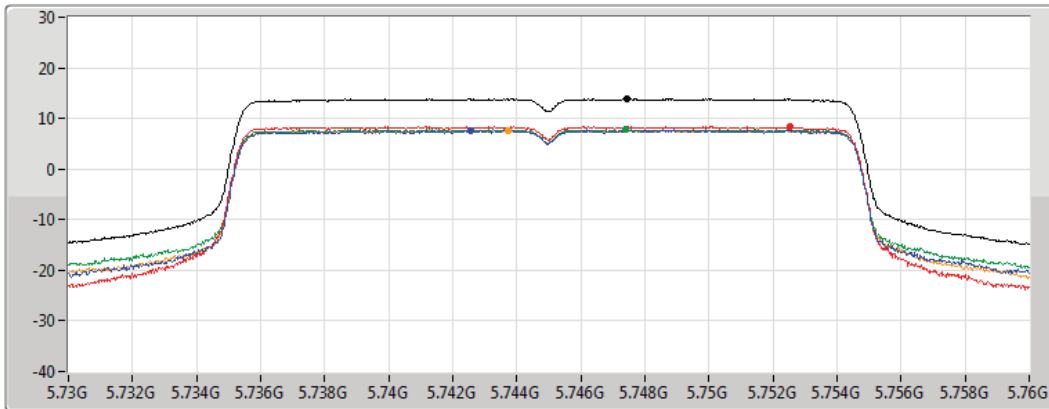
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5745MHz

09/12/2020

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.83	13.83	7.67	8.38	7.85	7.68

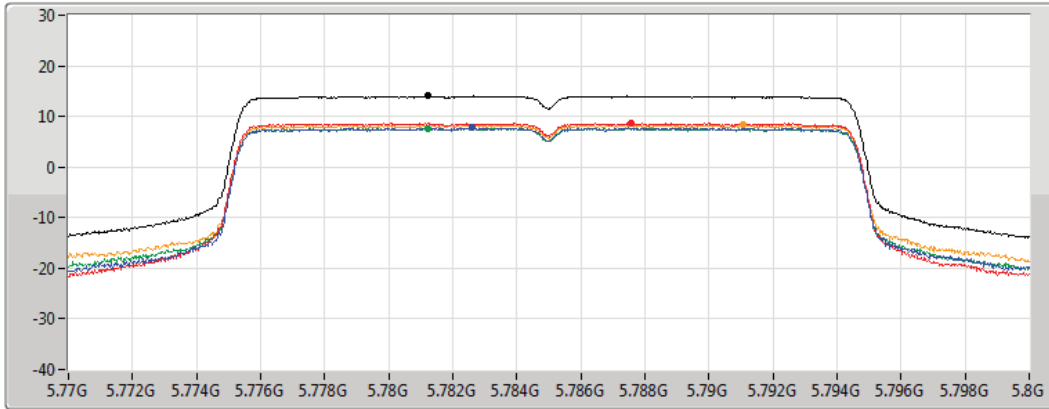
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5785MHz

09/12/2020

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.04	14.04	7.78	8.64	7.70	8.27

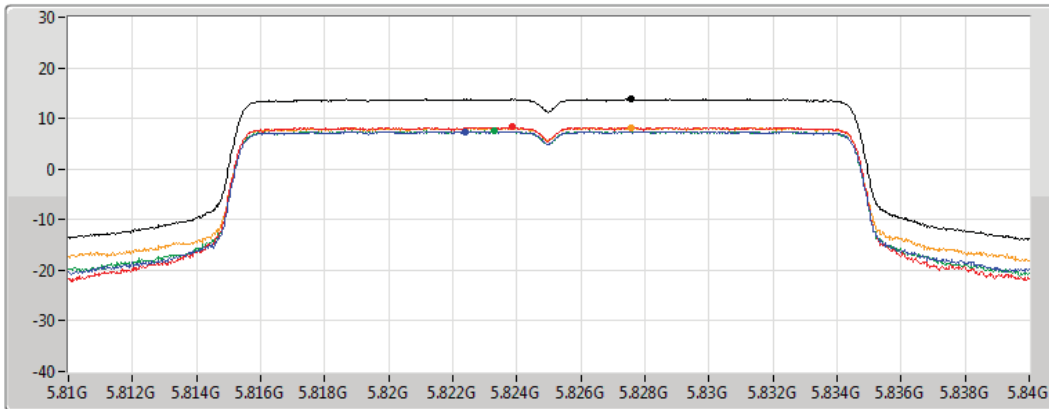
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5825MHz

09/12/2020

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.82	13.82	7.44	8.28	7.55	8.15

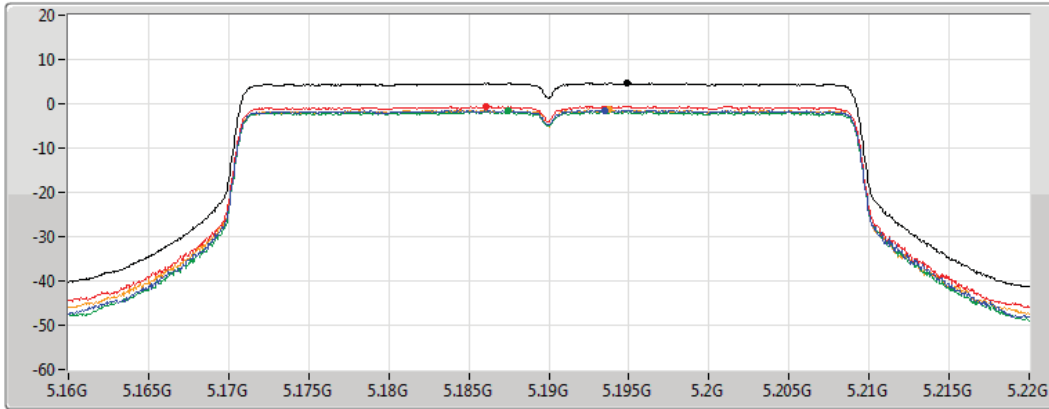
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5190MHz

09/12/2020

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	-1.46	-0.60	-1.68	-1.36

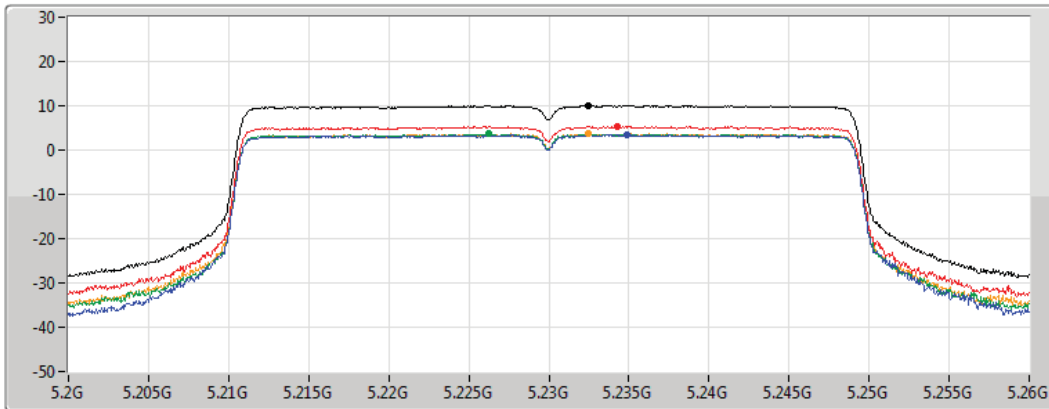
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5230MHz

09/12/2020

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	3.41	5.33	3.60	3.77

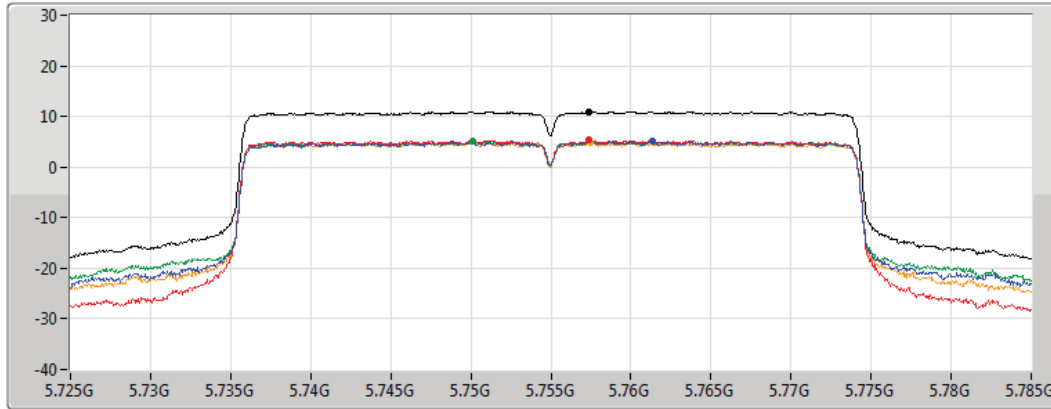
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5755MHz

09/12/2020

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	4.99	5.26	5.12	4.78

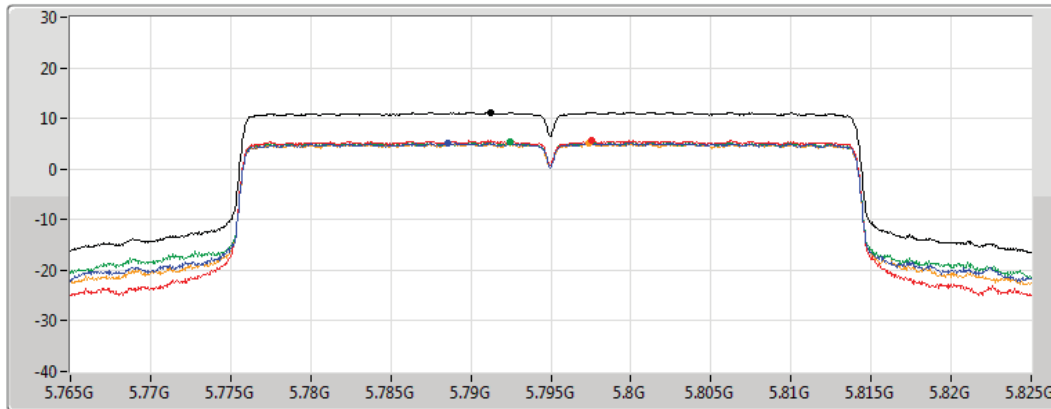
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

09/12/2020

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	5.11	5.59	5.41	5.02

### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

### PSD

5210MHz

09/12/2020

CF  
5.21GHz

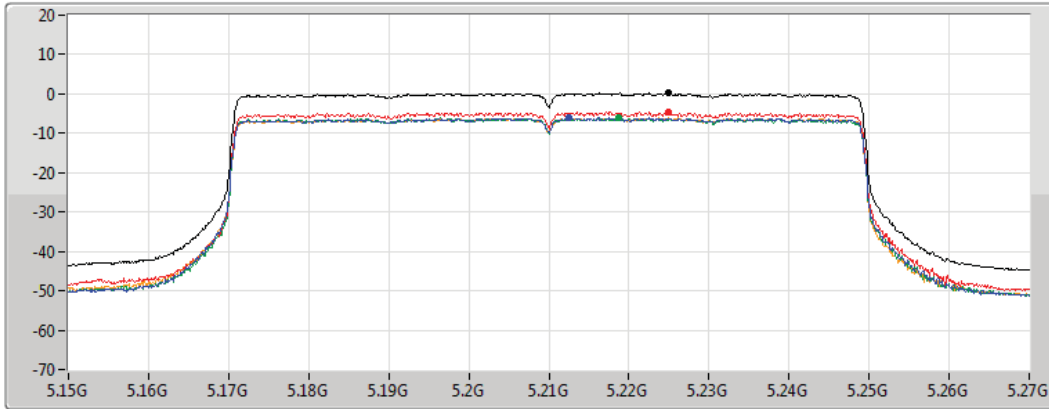
Span  
120MHz

RBW  
1MHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.22	0.22	-6.11	-4.45	-6.03	-6.11

### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

### PSD

5775MHz

09/12/2020

CF  
5.775GHz

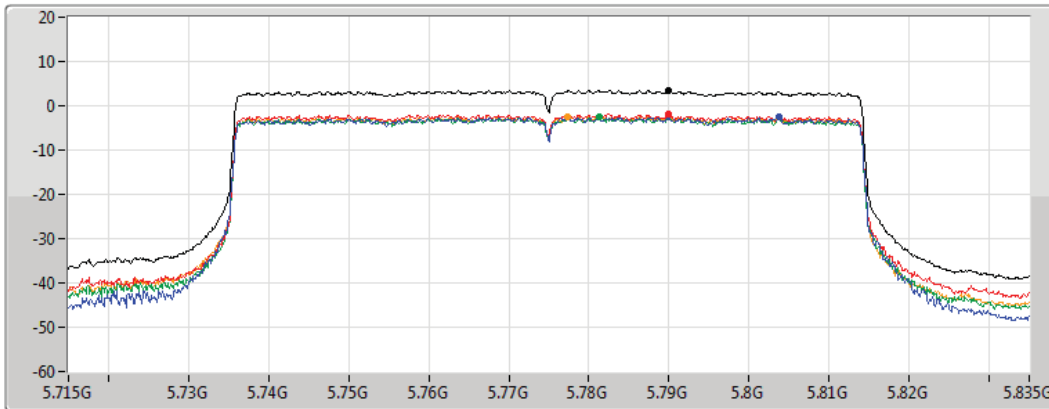
Span  
120MHz

RBW  
500kHz

VBW  
3MHz

Sweep Time  
20ms

Detector Type  
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	-2.60	-1.72	-2.56	-2.51





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.54	21.06
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.26	17.78
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.15	7.67
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.93	21.45
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.68	17.20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.71	9.23
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	13.02	19.44
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	9.65	16.07
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	2.93	9.35
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.75	19.17
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.85	16.27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.16	12.58

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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	3.92	4.98	4.12	4.44	10.27	16.48	16.79	23.00
5200MHz	Pass	6.52	8.30	9.18	8.47	8.80	14.52	16.48	21.04	23.00
5240MHz	Pass	6.52	8.15	8.63	8.52	9.18	14.54	16.48	21.06	23.00
5745MHz	Pass	6.42	6.85	6.82	7.57	7.09	12.96	29.58	19.38	36.00
5785MHz	Pass	6.42	6.93	7.15	7.50	7.15	13.02	29.58	19.44	36.00
5825MHz	Pass	6.42	6.76	7.38	7.27	7.09	12.96	29.58	19.38	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	0.93	1.93	1.44	1.37	7.31	16.48	13.83	23.00
5230MHz	Pass	6.52	4.97	5.68	5.35	5.53	11.26	16.48	17.78	23.00
5755MHz	Pass	6.42	3.43	3.46	4.25	3.82	9.65	29.58	16.07	36.00
5795MHz	Pass	6.42	3.64	3.59	4.04	3.78	9.60	29.58	16.02	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	-5.35	-4.11	-4.97	-4.42	1.15	16.48	7.67	23.00
5775MHz	Pass	6.42	-3.35	-3.64	-2.25	-2.89	2.93	29.58	9.35	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.52	6.28	7.38	6.84	7.18	12.84	16.48	19.36	23.00
5200MHz	Pass	6.52	8.46	9.35	8.94	9.26	14.91	16.48	21.43	23.00
5240MHz	Pass	6.52	8.52	9.49	8.96	9.24	14.93	16.48	21.45	23.00
5745MHz	Pass	6.42	5.58	5.54	7.06	6.82	12.19	29.58	18.61	36.00
5785MHz	Pass	6.42	6.49	6.82	7.27	6.95	12.75	29.58	19.17	36.00
5825MHz	Pass	6.42	6.50	7.03	6.79	6.57	12.64	29.58	19.06	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.52	0.06	1.06	0.61	0.46	6.44	16.48	12.96	23.00
5230MHz	Pass	6.52	3.69	4.73	5.15	5.57	10.68	16.48	17.20	23.00
5755MHz	Pass	6.42	3.63	3.50	4.26	3.94	9.72	29.58	16.14	36.00
5795MHz	Pass	6.42	3.63	3.97	4.26	4.07	9.85	29.58	16.27	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.52	-3.98	-2.60	-3.45	-2.89	2.71	16.48	9.23	23.00
5775MHz	Pass	6.42	-0.02	-0.37	0.86	0.49	6.16	29.58	12.58	36.00

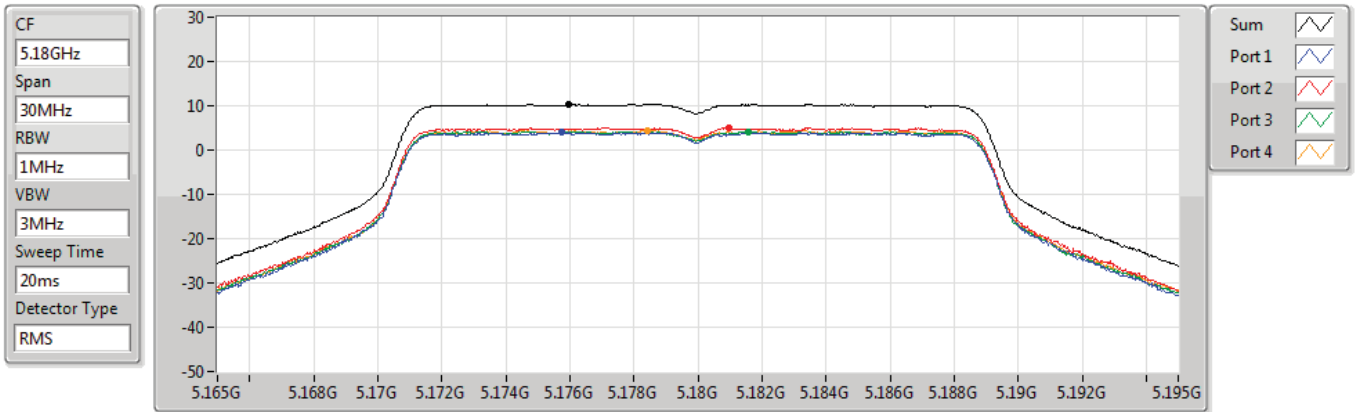
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmit port summing can be performed maximum power density; Port X = Port X Power Density;

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### PSD

5180MHz

06/05/2021



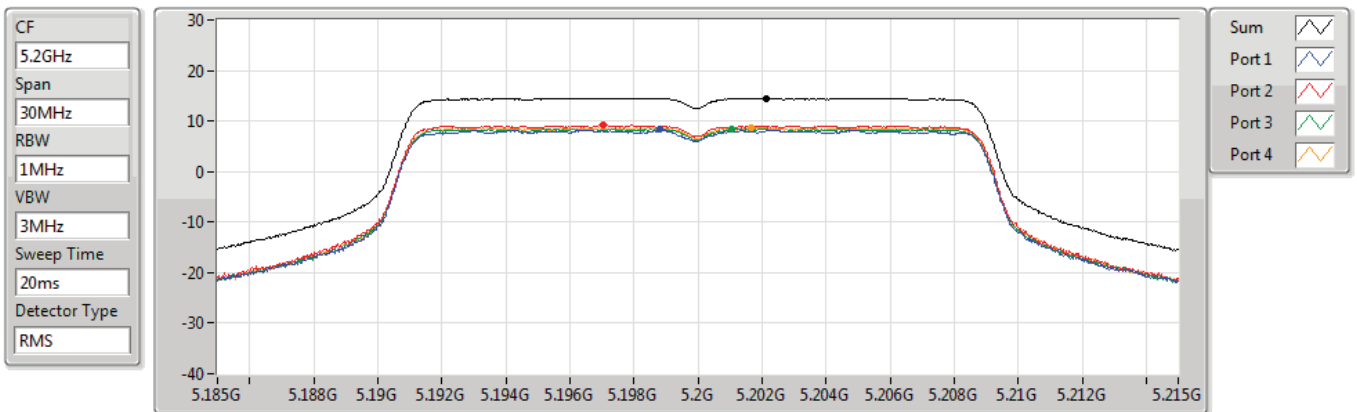
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	3.92	4.98	4.12	4.44

### 802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

### PSD

5200MHz

06/05/2021



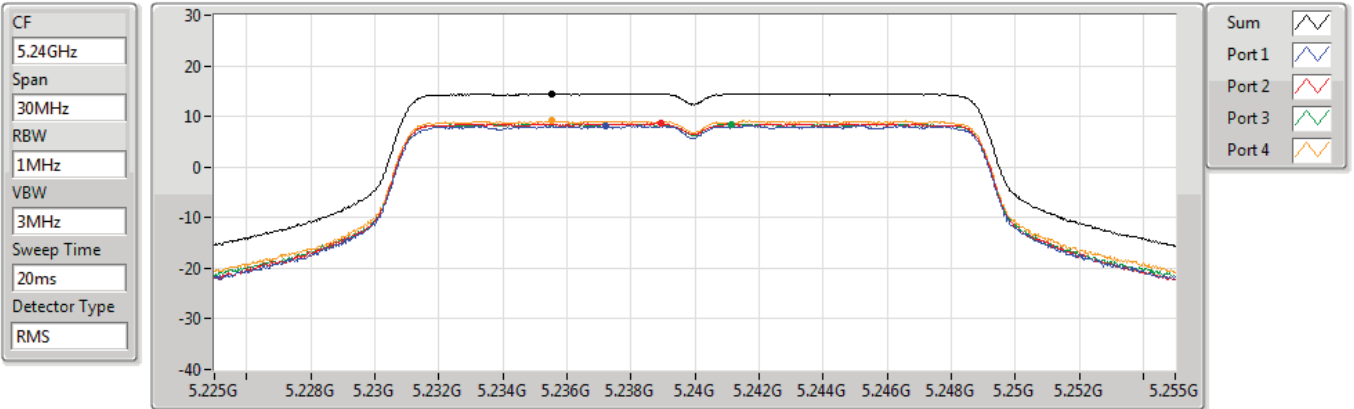
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.52	14.52	8.30	9.18	8.47	8.80

802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

06/05/2021



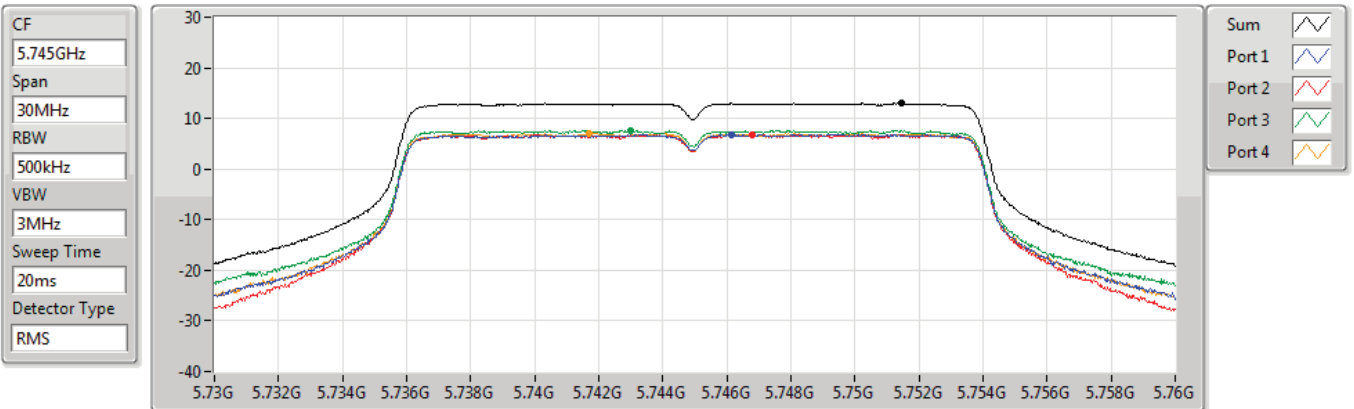
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.54	14.54	8.15	8.63	8.52	9.18

802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5745MHz

06/05/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.96	12.96	6.85	6.82	7.57	7.09



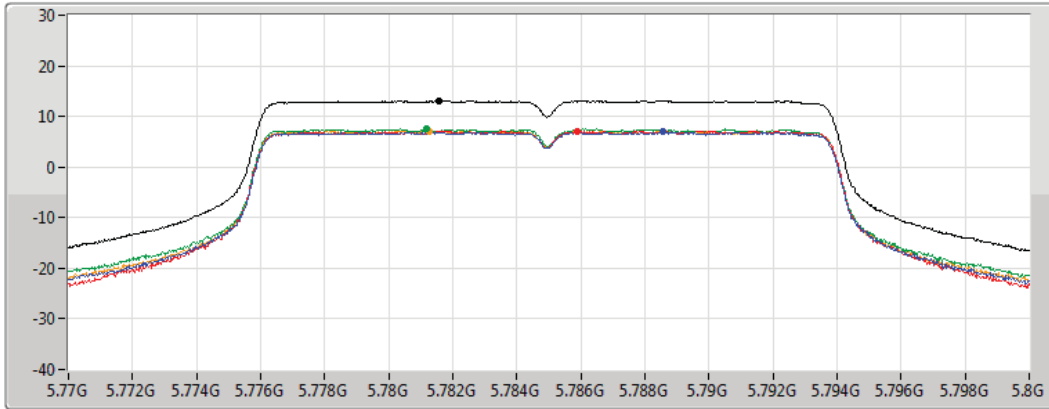
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5785MHz

06/05/2021

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.02	13.02	6.93	7.15	7.50	7.15

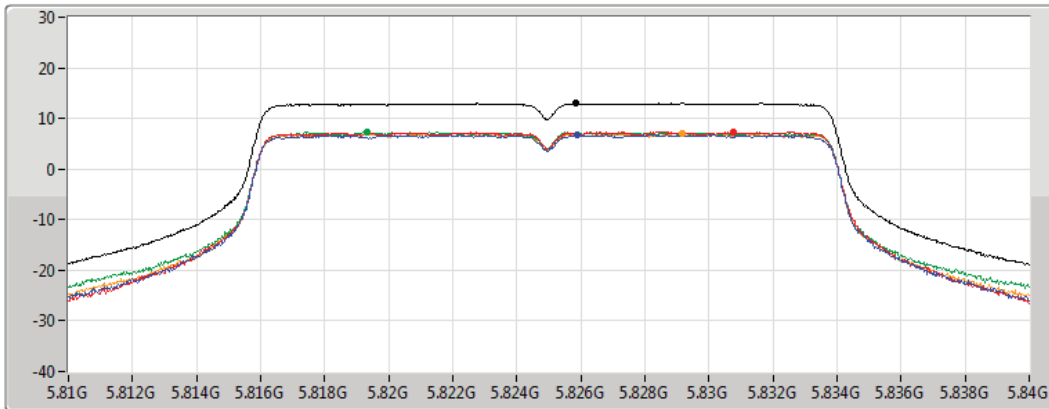
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5825MHz

06/05/2021

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.96	12.96	6.76	7.38	7.27	7.09

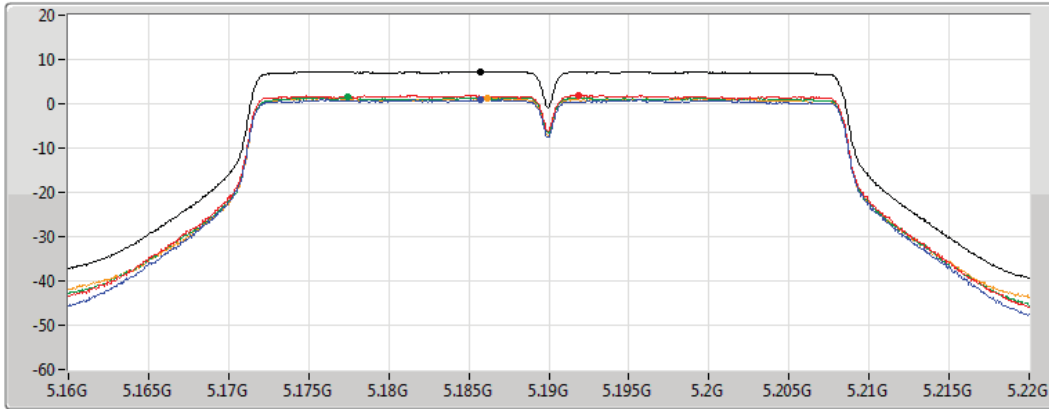
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX






PSD

5190MHz

06/05/2021

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	0.93	1.93	1.44	1.37

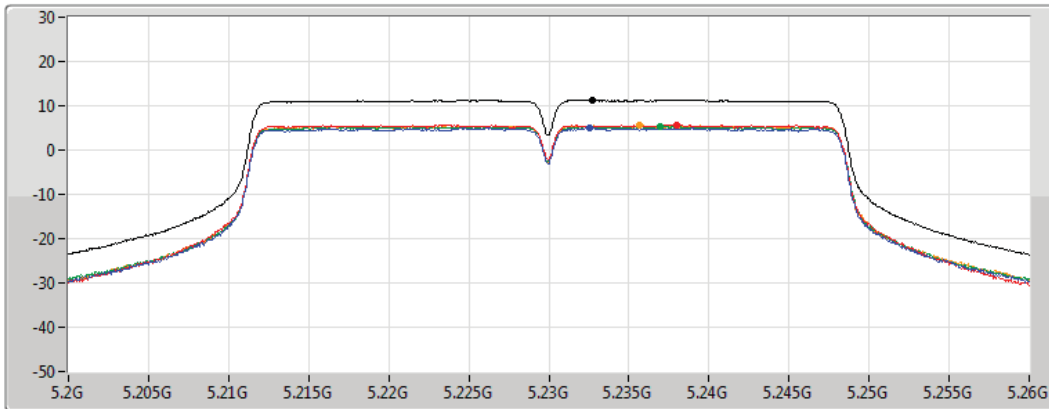
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX






PSD

5230MHz

06/05/2021

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4 

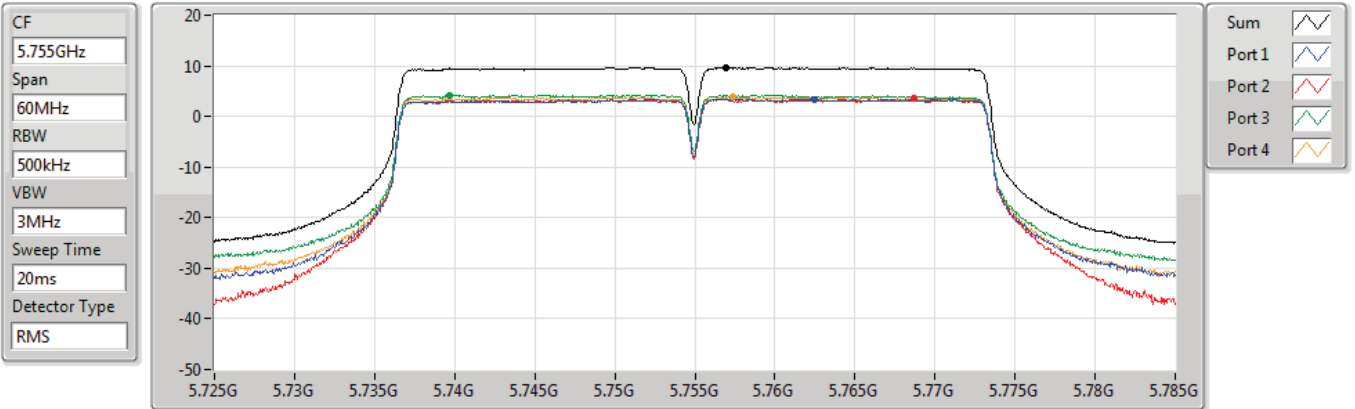
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.26	11.26	4.97	5.68	5.35	5.53

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5755MHz

06/05/2021



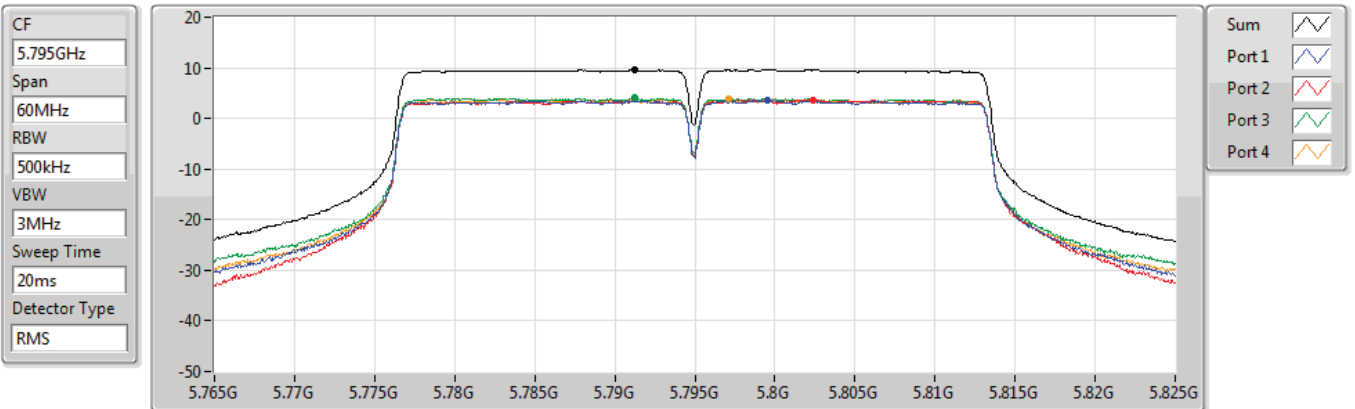
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.65	9.65	3.43	3.46	4.25	3.82

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

06/05/2021



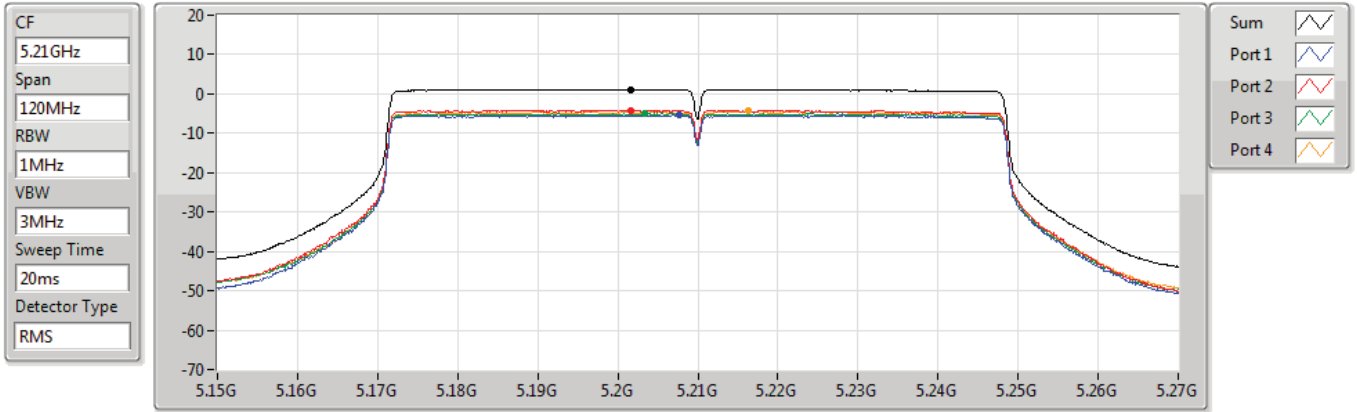
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.60	9.60	3.64	3.59	4.04	3.78

802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

06/05/2021



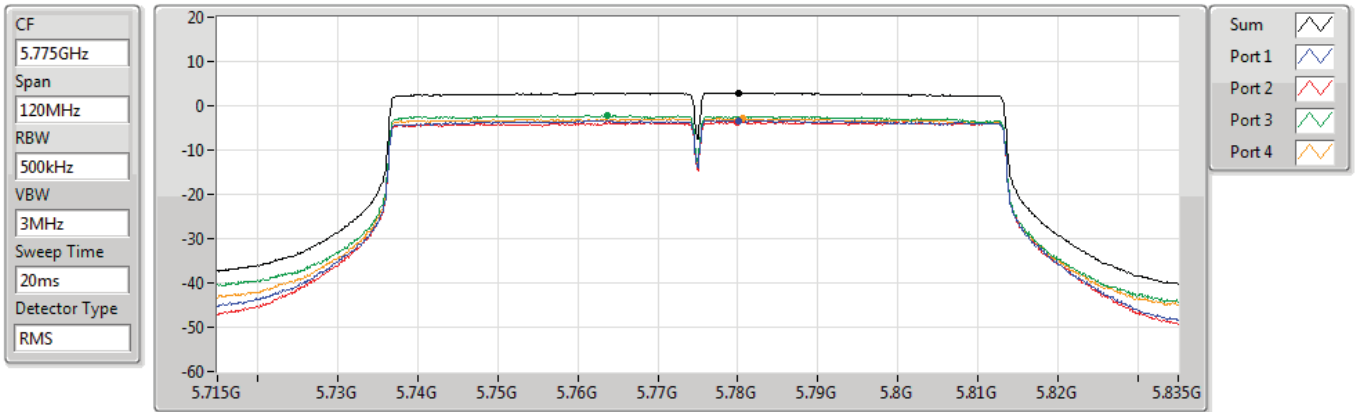
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	-5.35	-4.11	-4.97	-4.42

802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

06/05/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.93	2.93	-3.35	-3.64	-2.25	-2.89

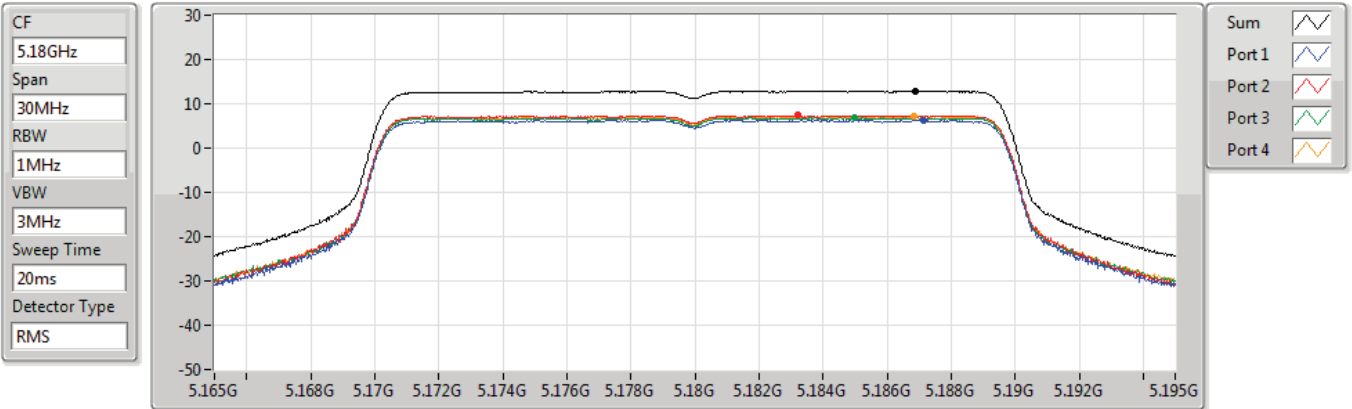


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5180MHz

05/05/2021



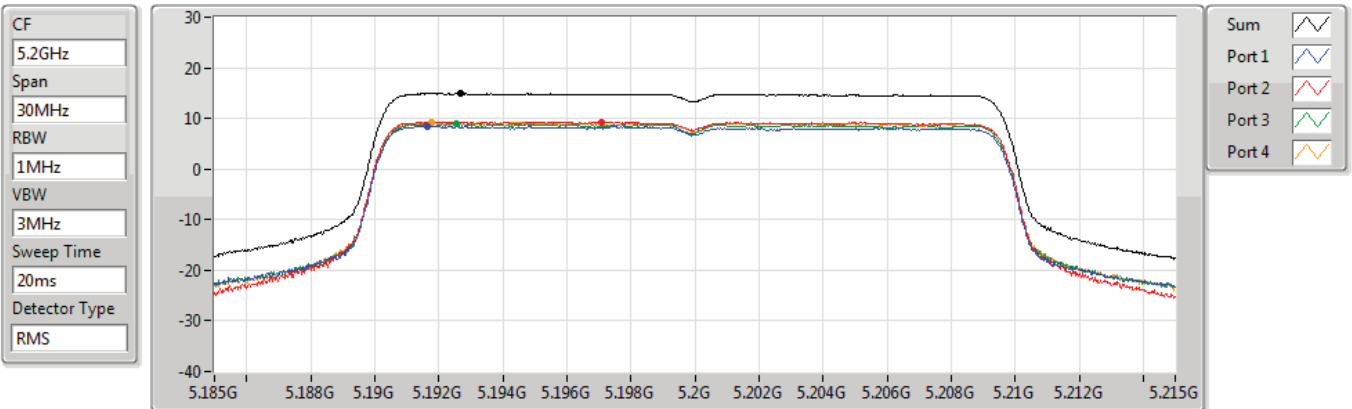
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.84	12.84	6.28	7.38	6.84	7.18

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

PSD

5200MHz

05/05/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.91	14.91	8.46	9.35	8.94	9.26

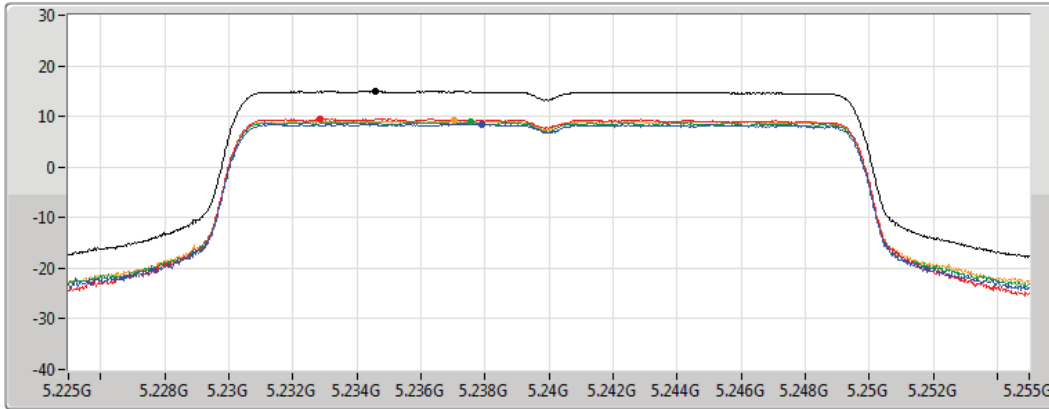
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

05/05/2021

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.93	14.93	8.52	9.49	8.96	9.24

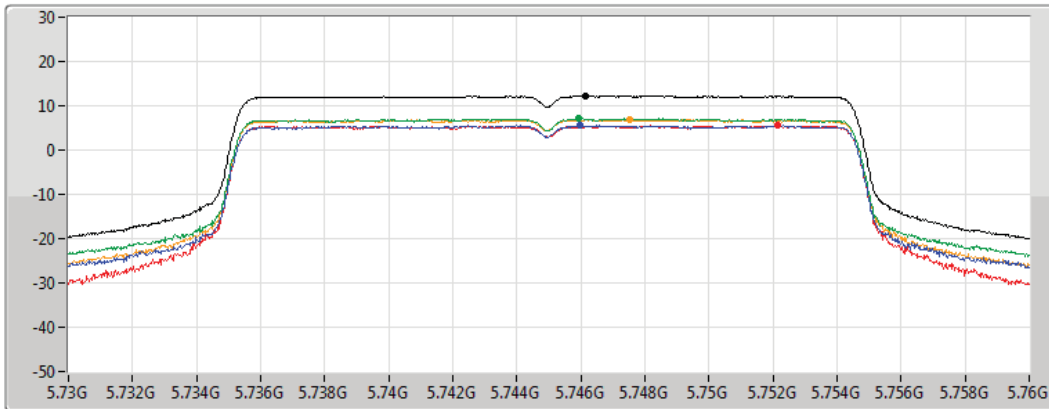
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5745MHz

05/05/2021

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	5.58	5.54	7.06	6.82

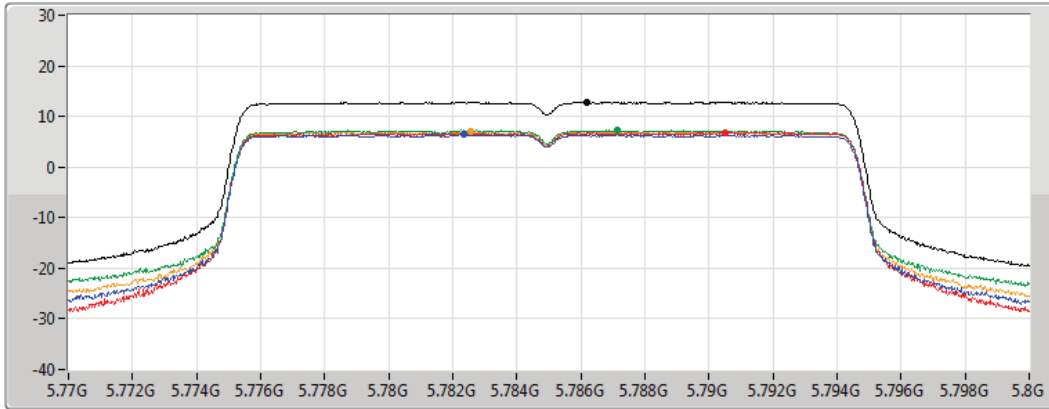
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX






PSD

5785MHz

05/05/2021

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4 

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.75	12.75	6.49	6.82	7.27	6.95

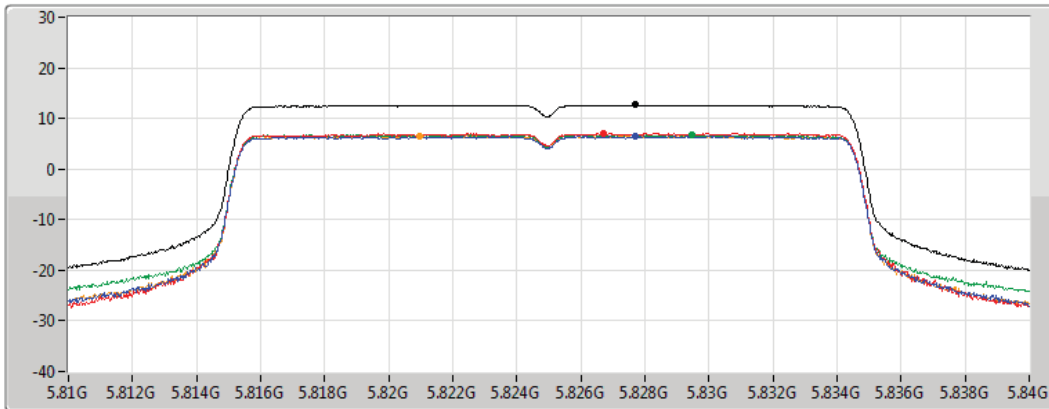
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX






PSD

5825MHz

05/05/2021

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2   
Port 3   
Port 4 

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	6.50	7.03	6.79	6.57

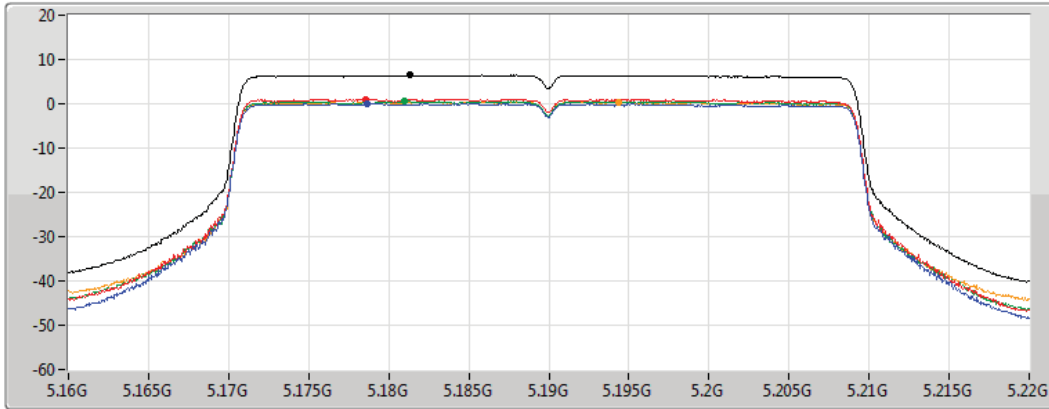
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5190MHz

05/05/2021

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	0.06	1.06	0.61	0.46

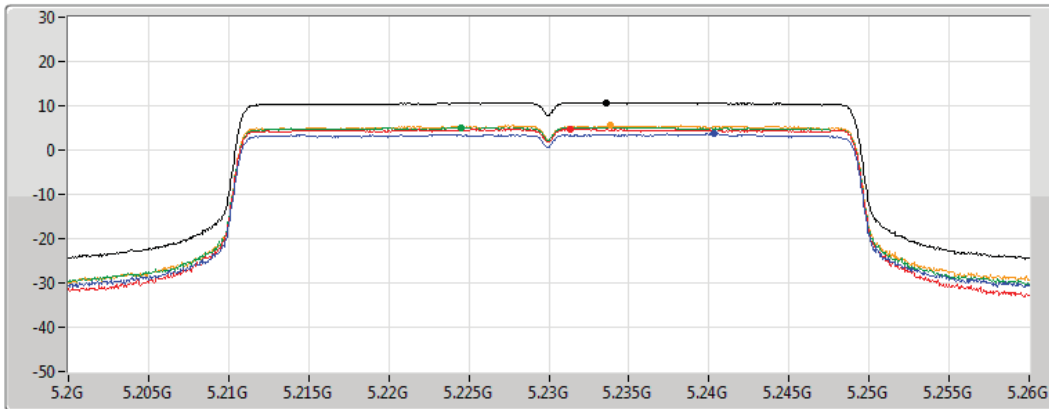
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5230MHz

05/05/2021

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



Sum   
Port 1   
Port 2   
Port 3   
Port 4

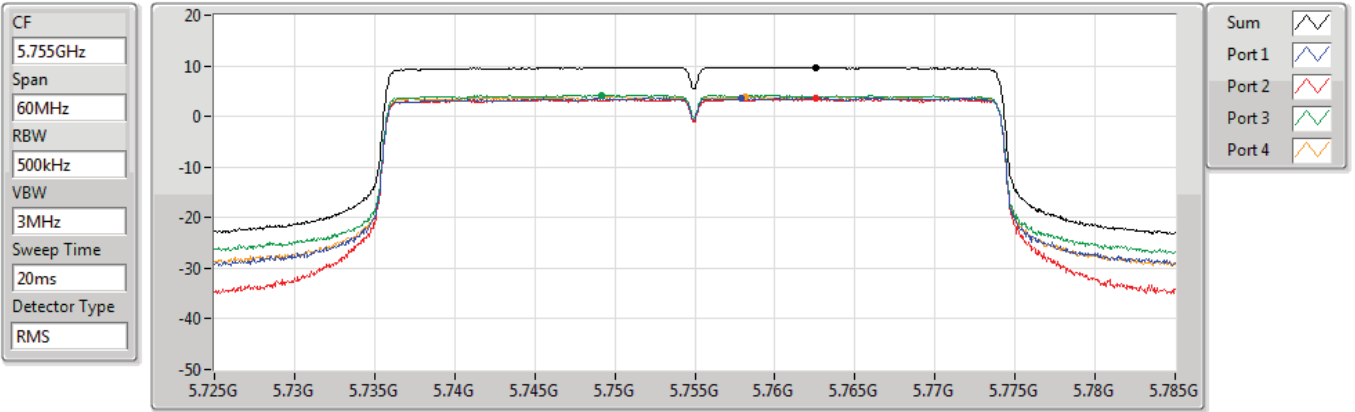
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	3.69	4.73	5.15	5.57

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

PSD

5755MHz

05/05/2021



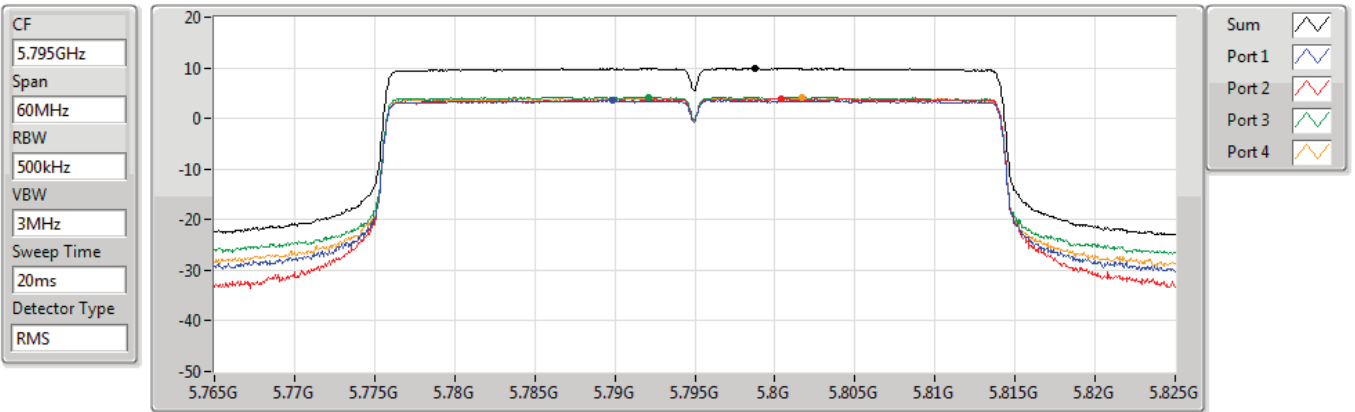
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.63	3.50	4.26	3.94

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

PSD

5795MHz

05/05/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	3.63	3.97	4.26	4.07

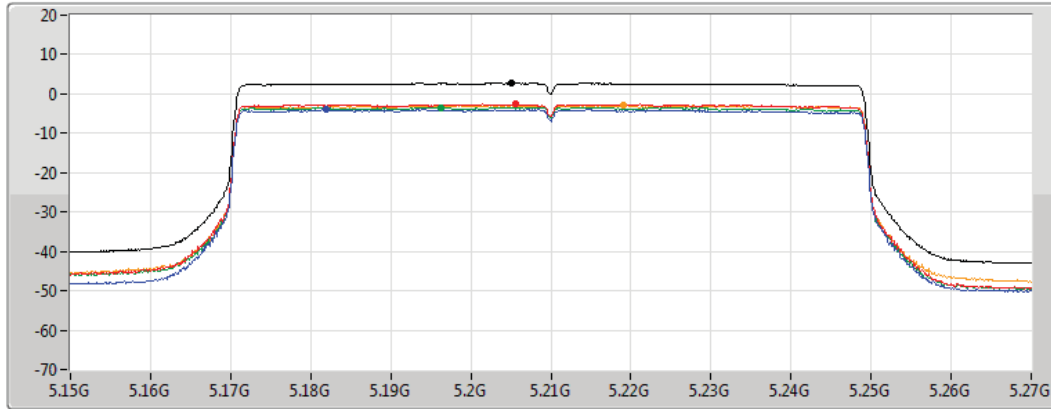
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

05/05/2021

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.71	2.71	-3.98	-2.60	-3.45	-2.89

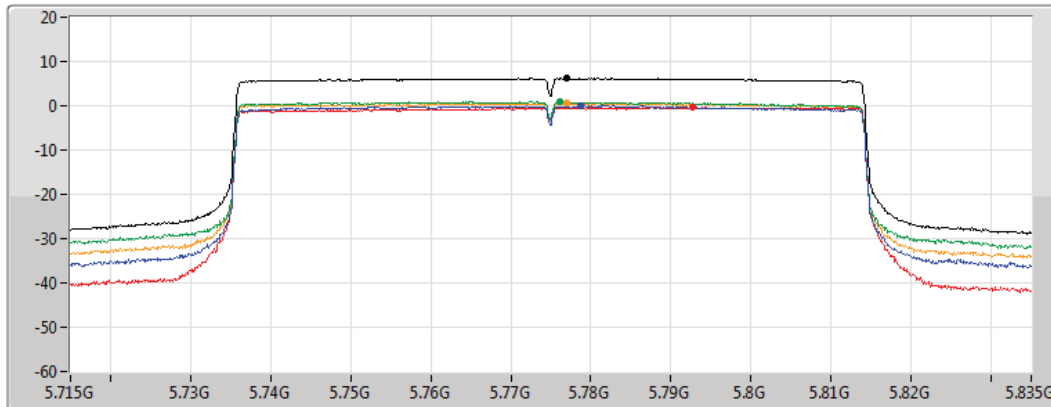
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

05/05/2021

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	-0.02	-0.37	0.86	0.49



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	664.38M	42.91	46.00	-3.09	3	Vertical	360	1.00	-



Result

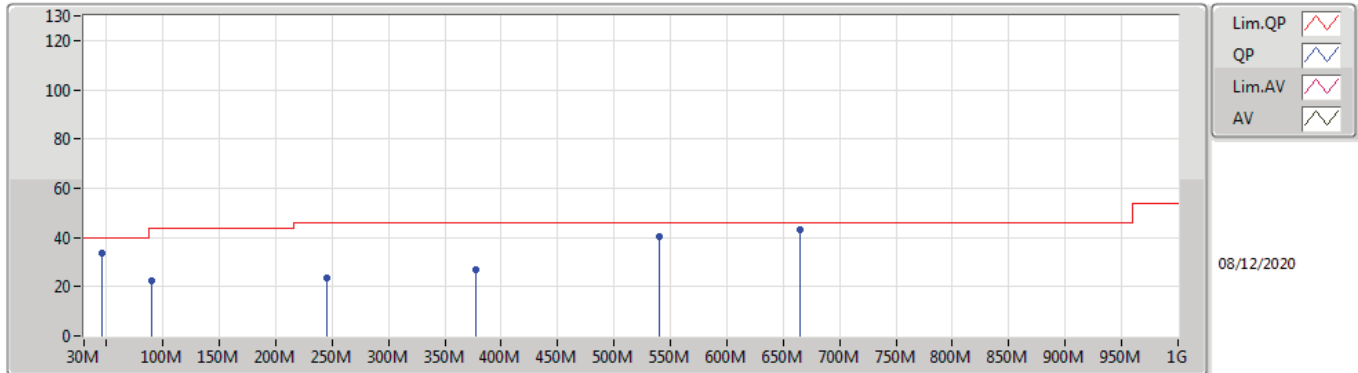
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	45.52M	33.81	40.00	-6.19	3	Vertical	360	1.00	-
5775MHz	Pass	PK	90.14M	22.51	43.50	-20.99	3	Vertical	360	1.00	-
5775MHz	Pass	PK	245.34M	23.48	46.00	-22.52	3	Vertical	360	1.00	-
5775MHz	Pass	PK	377.26M	27.01	46.00	-18.99	3	Vertical	360	1.00	-
5775MHz	Pass	PK	540.22M	40.21	46.00	-5.79	3	Vertical	360	1.00	-
5775MHz	Pass	PK	664.38M	42.91	46.00	-3.09	3	Vertical	360	1.00	-
5775MHz	Pass	PK	45.52M	23.33	40.00	-16.67	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	185.2M	28.90	43.50	-14.60	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	251.16M	28.24	46.00	-17.76	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	367.56M	29.16	46.00	-16.84	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	536.34M	40.99	46.00	-5.01	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	716.76M	38.73	46.00	-7.27	3	Horizontal	0	1.00	-





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

#### 5775MHz\_Adapter

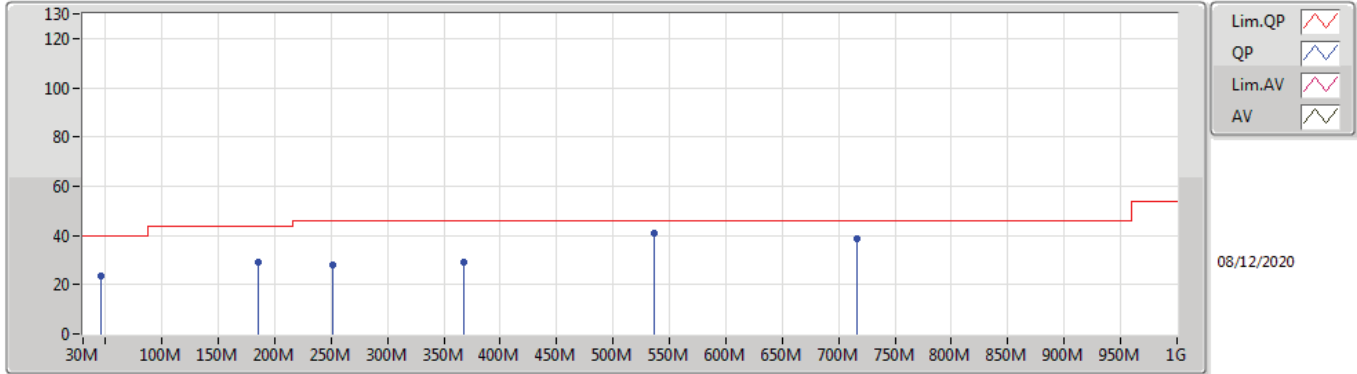


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	45.52M	33.81	40.00	-6.19	-11.56	3	Vertical	360	1.00	-	45.37	14.96	1.01	27.53
PK	90.14M	22.51	43.50	-20.99	-11.68	3	Vertical	360	1.00	-	34.19	14.24	1.50	27.42
PK	245.34M	23.48	46.00	-22.52	-6.93	3	Vertical	360	1.00	-	30.41	17.23	2.57	26.73
PK	377.26M	27.01	46.00	-18.99	-3.74	3	Vertical	360	1.00	-	30.75	20.16	3.21	27.11
PK	540.22M	40.21	46.00	-5.79	0.27	3	Vertical	360	1.00	-	39.94	24.39	3.86	27.98
PK	664.38M	42.91	46.00	-3.09	0.55	3	Vertical	360	1.00	-	42.36	24.29	4.33	28.07



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	45.52M	23.33	40.00	-16.67	-11.56	3	Horizontal	0	1.00	-	34.89	14.96	1.01	27.53
PK	185.2M	28.90	43.50	-14.60	-10.41	3	Horizontal	0	1.00	-	39.31	14.35	2.23	26.99
PK	251.16M	28.24	46.00	-17.76	-6.22	3	Horizontal	0	1.00	-	34.46	17.88	2.61	26.71
PK	367.56M	29.16	46.00	-16.84	-3.78	3	Horizontal	0	1.00	-	32.94	20.10	3.17	27.05
PK	536.34M	40.99	46.00	-5.01	-0.13	3	Horizontal	0	1.00	-	41.12	23.98	3.85	27.96
PK	716.76M	38.73	46.00	-7.27	1.21	3	Horizontal	0	1.00	-	37.52	24.73	4.47	27.99



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_Nss4,(MCS0)_4TX	Pass	PK	720.64M	41.95	46.00	-4.05	3	Horizontal	360	3.00	-



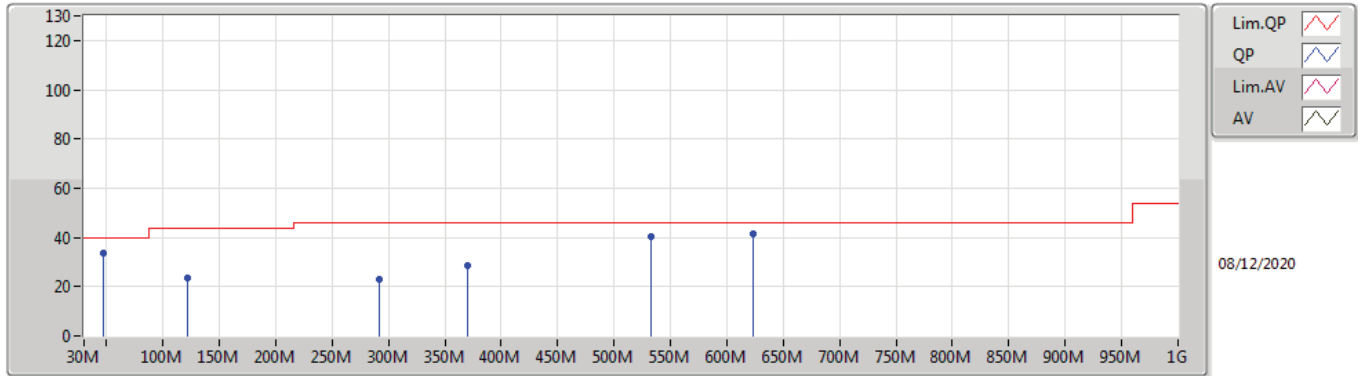
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	47.46M	33.48	40.00	-6.52	3	Vertical	0	1.00	-
5775MHz	Pass	PK	121.18M	23.59	43.50	-19.91	3	Vertical	0	1.00	-
5775MHz	Pass	PK	291.9M	22.87	46.00	-23.13	3	Vertical	0	1.00	-
5775MHz	Pass	PK	369.5M	28.51	46.00	-17.49	3	Vertical	0	1.00	-
5775MHz	Pass	PK	532.46M	40.56	46.00	-5.44	3	Vertical	0	1.00	-
5775MHz	Pass	PK	623.64M	41.21	46.00	-4.79	3	Vertical	0	1.00	-
5775MHz	Pass	PK	30M	22.93	40.00	-17.07	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	185.2M	28.05	43.50	-15.45	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	251.16M	28.40	46.00	-17.60	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	367.56M	30.57	46.00	-15.43	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	540.22M	41.84	46.00	-4.16	3	Horizontal	360	3.00	-
5775MHz	Pass	PK	720.64M	41.95	46.00	-4.05	3	Horizontal	360	3.00	-



### 802.11ax HEW80\_Nss4,(MCS0)\_4TX

#### 5775MHz\_Adapter

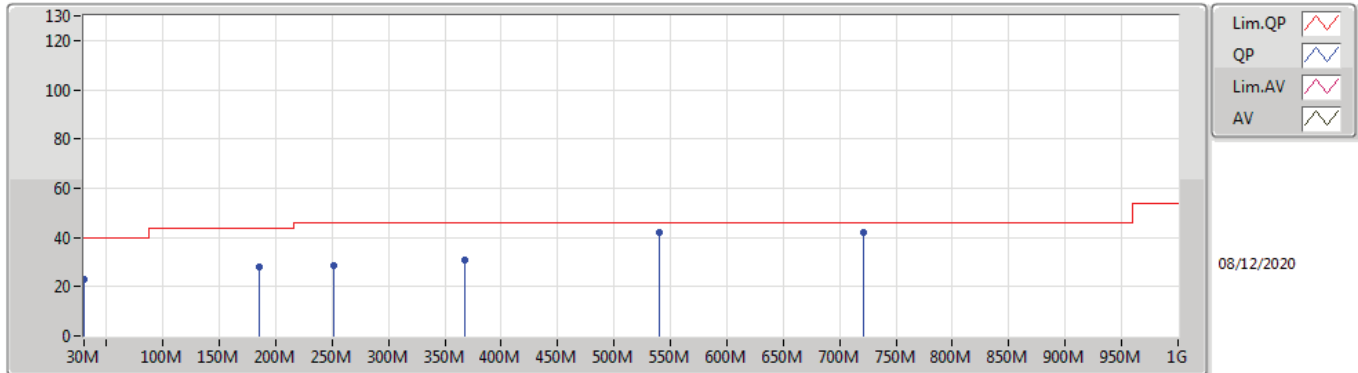


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	47.46M	33.48	40.00	-6.52	-12.38	3	Vertical	0	1.00	-	45.86	14.09	1.05	27.52
PK	121.18M	23.59	43.50	-19.91	-7.91	3	Vertical	0	1.00	-	31.50	17.57	1.81	27.29
PK	291.9M	22.87	46.00	-23.13	-5.60	3	Vertical	0	1.00	-	28.47	18.21	2.85	26.66
PK	369.5M	28.51	46.00	-17.49	-3.76	3	Vertical	0	1.00	-	32.27	20.12	3.18	27.06
PK	532.46M	40.56	46.00	-5.44	-0.61	3	Vertical	0	1.00	-	41.17	23.50	3.83	27.94
PK	623.64M	41.21	46.00	-4.79	0.23	3	Vertical	0	1.00	-	40.98	24.09	4.19	28.05



### 802.11ax HEW80\_Nss4,(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	30M	22.93	40.00	-17.07	-3.17	3	Horizontal	360	3.00	-	26.10	23.51	0.90	27.58
PK	185.2M	28.05	43.50	-15.45	-10.41	3	Horizontal	360	3.00	-	38.46	14.35	2.23	26.99
PK	251.16M	28.40	46.00	-17.60	-6.22	3	Horizontal	360	3.00	-	34.62	17.88	2.61	26.71
PK	367.56M	30.57	46.00	-15.43	-3.78	3	Horizontal	360	3.00	-	34.35	20.10	3.17	27.05
PK	540.22M	41.84	46.00	-4.16	0.27	3	Horizontal	360	3.00	-	41.57	24.39	3.86	27.98
PK	720.64M	41.95	46.00	-4.05	1.33	3	Horizontal	360	3.00	-	40.62	24.84	4.48	27.99



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	Pass	PK	705.12M	42.50	46.00	-3.50	3	Horizontal	360	1.00	-



Result

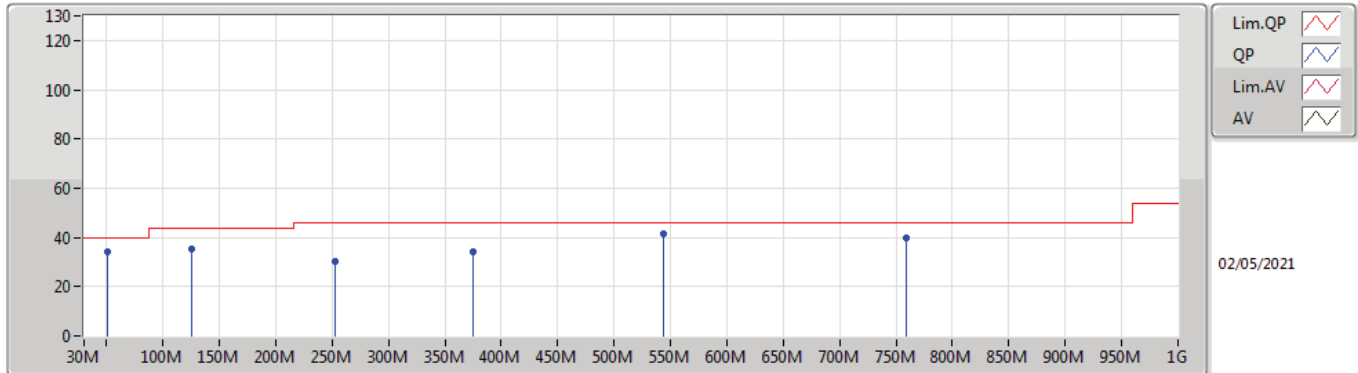
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5290MHz_TX	Pass	PK	125.06M	35.21	43.50	-8.29	3	Vertical	0	1.00	-
5290MHz_TX	Pass	PK	253.1M	30.37	46.00	-15.63	3	Vertical	0	1.00	-
5290MHz_TX	Pass	PK	375.32M	34.39	46.00	-11.61	3	Vertical	0	1.00	-
5290MHz_TX	Pass	PK	759.44M	39.80	46.00	-6.20	3	Vertical	0	1.00	-
5290MHz_TX	Pass	QP	51.34M	34.01	40.00	-5.99	3	Vertical	230	1.00	-
5290MHz_TX	Pass	QP	544.1M	41.22	46.00	-4.78	3	Vertical	278	1.00	-
5290MHz_TX	Pass	PK	31.94M	30.86	40.00	-9.14	3	Horizontal	360	1.00	-
5290MHz_TX	Pass	PK	125.06M	29.82	43.50	-13.68	3	Horizontal	360	1.00	-
5290MHz_TX	Pass	PK	253.1M	32.31	46.00	-13.69	3	Horizontal	360	1.00	-
5290MHz_TX	Pass	PK	375.32M	35.55	46.00	-10.45	3	Horizontal	360	1.00	-
5290MHz_TX	Pass	PK	542.16M	41.72	46.00	-4.28	3	Horizontal	360	1.00	-
5290MHz_TX	Pass	PK	705.12M	42.50	46.00	-3.50	3	Horizontal	360	1.00	-





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

#### 5290MHz\_TX

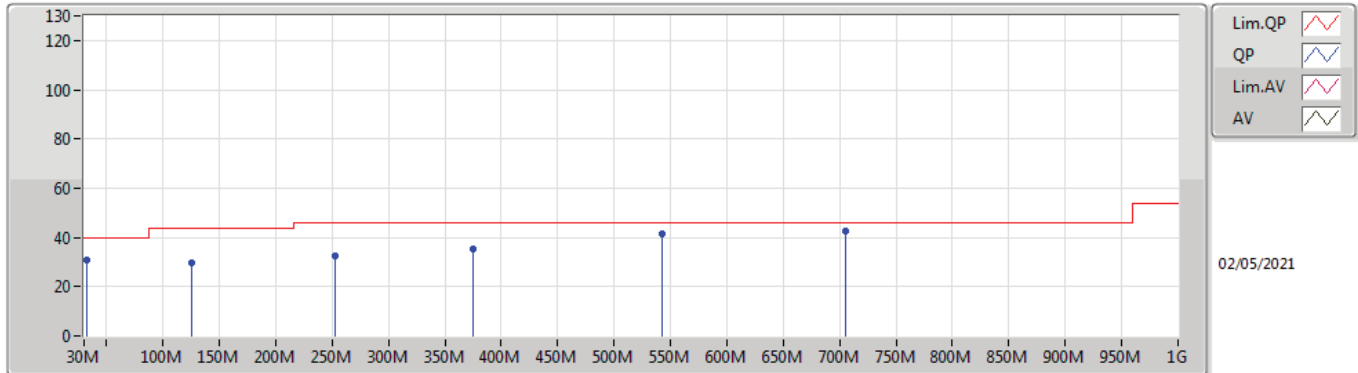


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	125.06M	35.21	43.50	-8.29	-7.88	3	Vertical	0	1.00	-	43.09	17.55	1.92	27.35
PK	253.1M	30.37	46.00	-15.63	-5.91	3	Vertical	0	1.00	-	36.28	18.12	2.69	26.72
PK	375.32M	34.39	46.00	-11.61	-3.64	3	Vertical	0	1.00	-	38.03	20.12	3.36	27.12
PK	759.44M	39.80	46.00	-6.20	2.44	3	Vertical	0	1.00	-	37.36	25.54	4.86	27.96
QP	51.34M	34.01	40.00	-5.99	-13.59	3	Vertical	230	1.00	-	47.60	12.87	1.16	27.62
QP	544.1M	41.22	46.00	-4.78	0.52	3	Vertical	278	1.00	-	40.70	24.55	4.06	28.09



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

5290MHz\_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)
PK	31.94M	30.86	40.00	-9.14	-4.59	3	Horizontal	360	1.00	-	35.45	22.11	0.93	27.63
PK	125.06M	29.82	43.50	-13.68	-7.88	3	Horizontal	360	1.00	-	37.70	17.55	1.92	27.35
PK	253.1M	32.31	46.00	-13.69	-5.91	3	Horizontal	360	1.00	-	38.22	18.12	2.69	26.72
PK	375.32M	35.55	46.00	-10.45	-3.64	3	Horizontal	360	1.00	-	39.19	20.12	3.36	27.12
PK	542.16M	41.72	46.00	-4.28	0.45	3	Horizontal	360	1.00	-	41.27	24.47	4.05	28.07
PK	705.12M	42.50	46.00	-3.50	1.09	3	Horizontal	360	1.00	-	41.41	24.48	4.65	28.04



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.1494G	73.57	74.00	-0.43	3	Horizontal	275	2.93	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.1484G	73.58	74.00	-0.42	3	Horizontal	274	2.97	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	AV	5.1476G	53.84	54.00	-0.16	3	Vertical	44	2.71	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.137G	53.14	54.00	-0.86	3	Horizontal	271	2.92	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.1436G	73.43	74.00	-0.57	3	Horizontal	281	2.11	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.15G	53.27	54.00	-0.73	3	Horizontal	276	2.82	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.136G	53.63	54.00	-0.37	3	Horizontal	275	3.00	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	PK	5.9414G	63.84	68.20	-4.36	3	Horizontal	295	1.60	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	PK	5.9294G	68.12	68.20	-0.08	3	Vertical	69	2.72	-
802.11ac VHT40_Nss1,(MCS0)_4TX	Pass	PK	5.6506G	68.46	68.64	-0.18	3	Horizontal	296	1.69	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	PK	5.6418G	67.47	68.20	-0.73	3	Horizontal	271	2.35	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.9198G	69.03	72.05	-3.02	3	Vertical	58	2.74	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	5.6602G	75.13	75.75	-0.62	3	Horizontal	270	2.63	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.6394G	67.32	68.20	-0.88	3	Horizontal	271	2.26	-



Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1486G	46.27	54.00	-7.73	3	Vertical	102	1.05	-
5180MHz	Pass	AV	5.1762G	105.06	Inf	-Inf	3	Vertical	102	1.05	-
5180MHz	Pass	PK	5.149G	61.35	74.00	-12.65	3	Vertical	102	1.05	-
5180MHz	Pass	PK	5.1776G	114.63	Inf	-Inf	3	Vertical	102	1.05	-
5180MHz	Pass	AV	5.1462G	51.54	54.00	-2.46	3	Horizontal	275	2.93	-
5180MHz	Pass	AV	5.1852G	112.69	Inf	-Inf	3	Horizontal	275	2.93	-
5180MHz	Pass	PK	5.1494G	73.57	74.00	-0.43	3	Horizontal	275	2.93	-
5180MHz	Pass	PK	5.1852G	122.03	Inf	-Inf	3	Horizontal	275	2.93	-
5180MHz	Pass	PK	10.37544G	56.33	68.20	-11.87	3	Vertical	186	2.10	-
5180MHz	Pass	PK	10.378G	56.18	68.20	-12.02	3	Horizontal	277	1.94	-
5200MHz	Pass	AV	5.15G	48.41	54.00	-5.59	3	Vertical	20	2.24	-
5200MHz	Pass	AV	5.1956G	110.24	Inf	-Inf	3	Vertical	20	2.24	-
5200MHz	Pass	PK	5.146G	61.74	74.00	-12.26	3	Vertical	20	2.24	-
5200MHz	Pass	PK	5.1952G	118.55	Inf	-Inf	3	Vertical	20	2.24	-
5200MHz	Pass	AV	5.1464G	53.44	54.00	-0.56	3	Horizontal	273	3.00	-
5200MHz	Pass	AV	5.2056G	116.73	Inf	-Inf	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	5.1456G	68.68	74.00	-5.32	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	5.206G	125.27	Inf	-Inf	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	10.38976G	56.56	68.20	-11.64	3	Vertical	88	1.50	-
5200MHz	Pass	PK	10.39752G	56.47	68.20	-11.73	3	Horizontal	287	1.99	-
5240MHz	Pass	AV	5.1446G	47.40	54.00	-6.60	3	Vertical	166	1.56	-
5240MHz	Pass	AV	5.2436G	113.27	Inf	-Inf	3	Vertical	166	1.56	-
5240MHz	Pass	AV	5.3648G	45.94	54.00	-8.06	3	Vertical	166	1.56	-
5240MHz	Pass	PK	5.144G	61.20	74.00	-12.80	3	Vertical	166	1.56	-
5240MHz	Pass	PK	5.243G	121.74	Inf	-Inf	3	Vertical	166	1.56	-
5240MHz	Pass	PK	5.363G	60.64	74.00	-13.36	3	Vertical	166	1.56	-
5240MHz	Pass	AV	5.1452G	51.32	54.00	-2.68	3	Horizontal	276	2.78	-
5240MHz	Pass	AV	5.2454G	119.72	Inf	-Inf	3	Horizontal	276	2.78	-
5240MHz	Pass	AV	5.3636G	49.10	54.00	-4.90	3	Horizontal	276	2.78	-
5240MHz	Pass	PK	5.1458G	65.09	74.00	-8.91	3	Horizontal	276	2.78	-
5240MHz	Pass	PK	5.2454G	128.02	Inf	-Inf	3	Horizontal	276	2.78	-
5240MHz	Pass	PK	5.3642G	63.81	74.00	-10.19	3	Horizontal	276	2.78	-
5240MHz	Pass	PK	10.48352G	56.43	68.20	-11.77	3	Vertical	61	1.50	-
5240MHz	Pass	PK	10.4784G	56.51	68.20	-11.69	3	Horizontal	305	1.49	-
5745MHz	Pass	AV	5.7414G	114.11	Inf	-Inf	3	Vertical	71	2.04	-
5745MHz	Pass	PK	5.6406G	59.86	68.20	-8.34	3	Vertical	71	2.04	-
5745MHz	Pass	PK	5.7426G	122.95	Inf	-Inf	3	Vertical	71	2.04	-
5745MHz	Pass	PK	6.0222G	58.02	68.20	-10.18	3	Vertical	71	2.04	-
5745MHz	Pass	AV	5.751G	114.93	Inf	-Inf	3	Horizontal	272	2.03	-
5745MHz	Pass	PK	5.6502G	63.27	68.35	-5.08	3	Horizontal	272	2.03	-
5745MHz	Pass	PK	5.7498G	123.71	Inf	-Inf	3	Horizontal	272	2.03	-
5745MHz	Pass	PK	5.9442G	58.50	68.20	-9.70	3	Horizontal	272	2.03	-
5745MHz	Pass	AV	11.49224G	45.40	54.00	-8.60	3	Vertical	307	1.50	-
5745MHz	Pass	PK	11.492G	57.88	74.00	-16.12	3	Vertical	307	1.50	-
5745MHz	Pass	AV	11.48816G	46.37	54.00	-7.63	3	Horizontal	321	1.34	-
5745MHz	Pass	PK	11.4884G	59.14	74.00	-14.86	3	Horizontal	321	1.34	-
5785MHz	Pass	AV	5.7862G	114.37	Inf	-Inf	3	Vertical	58	2.75	-
5785MHz	Pass	PK	5.5522G	58.92	68.20	-9.28	3	Vertical	58	2.75	-
5785MHz	Pass	PK	5.7862G	123.64	Inf	-Inf	3	Vertical	58	2.75	-
5785MHz	Pass	PK	5.9254G	58.95	68.20	-9.25	3	Vertical	58	2.75	-
5785MHz	Pass	AV	5.7898G	116.00	Inf	-Inf	3	Horizontal	273	2.08	-
5785MHz	Pass	PK	5.629G	59.47	68.20	-8.73	3	Horizontal	273	2.08	-
5785MHz	Pass	PK	5.791G	125.25	Inf	-Inf	3	Horizontal	273	2.08	-
5785MHz	Pass	PK	5.929G	62.00	68.20	-6.20	3	Horizontal	273	2.08	-
5785MHz	Pass	AV	11.56992G	45.35	54.00	-8.65	3	Vertical	301	1.50	-
5785MHz	Pass	PK	11.5704G	57.26	74.00	-16.74	3	Vertical	301	1.50	-
5785MHz	Pass	AV	11.5688G	46.59	54.00	-7.41	3	Horizontal	321	1.40	-
5785MHz	Pass	PK	11.56616G	58.75	74.00	-15.25	3	Horizontal	321	1.40	-
5825MHz	Pass	AV	5.8214G	115.30	Inf	-Inf	3	Vertical	73	2.03	-
5825MHz	Pass	PK	5.5454G	58.26	68.20	-9.94	3	Vertical	73	2.03	-



RSE TX above 1GHz\_Non Beamforming\_4T1S

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8214G	124.59	Inf	-Inf	3	Vertical	73	2.03	-
5825MHz	Pass	PK	5.921G	66.22	71.16	-4.94	3	Vertical	73	2.03	-
5825MHz	Pass	AV	5.8214G	114.45	Inf	-Inf	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.6018G	58.30	68.20	-9.90	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.8214G	123.96	Inf	-Inf	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.9414G	63.84	68.20	-4.36	3	Horizontal	295	1.60	-
5825MHz	Pass	AV	11.65176G	45.82	54.00	-8.18	3	Vertical	305	1.60	-
5825MHz	Pass	PK	11.65616G	57.83	74.00	-16.17	3	Vertical	305	1.60	-
5825MHz	Pass	AV	11.64848G	46.27	54.00	-7.73	3	Horizontal	318	1.50	-
5825MHz	Pass	PK	11.64824G	59.02	74.00	-14.98	3	Horizontal	318	1.50	-
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1464G	46.84	54.00	-7.16	3	Vertical	360	2.90	-
5180MHz	Pass	AV	5.177G	104.14	Inf	-Inf	3	Vertical	360	2.90	-
5180MHz	Pass	PK	5.1468G	62.35	74.00	-11.65	3	Vertical	360	2.90	-
5180MHz	Pass	PK	5.1768G	114.12	Inf	-Inf	3	Vertical	360	2.90	-
5180MHz	Pass	AV	5.1464G	51.71	54.00	-2.29	3	Horizontal	274	2.97	-
5180MHz	Pass	AV	5.1854G	111.51	Inf	-Inf	3	Horizontal	274	2.97	-
5180MHz	Pass	PK	5.1484G	73.58	74.00	-0.42	3	Horizontal	274	2.97	-
5180MHz	Pass	PK	5.185G	120.14	Inf	-Inf	3	Horizontal	274	2.97	-
5180MHz	Pass	PK	10.36089G	56.52	68.20	-11.68	3	Vertical	136	1.17	-
5180MHz	Pass	PK	10.36236G	56.33	68.20	-11.87	3	Horizontal	323	1.30	-
5200MHz	Pass	AV	5.1452G	47.51	54.00	-6.49	3	Vertical	0	2.92	-
5200MHz	Pass	AV	5.1968G	108.30	Inf	-Inf	3	Vertical	0	2.92	-
5200MHz	Pass	PK	5.146G	61.08	74.00	-12.92	3	Vertical	0	2.92	-
5200MHz	Pass	PK	5.1968G	117.66	Inf	-Inf	3	Vertical	0	2.92	-
5200MHz	Pass	AV	5.1464G	53.32	54.00	-0.68	3	Horizontal	273	3.00	-
5200MHz	Pass	AV	5.2056G	115.99	Inf	-Inf	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	5.148G	71.73	74.00	-2.27	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	5.2056G	124.46	Inf	-Inf	3	Horizontal	273	3.00	-
5200MHz	Pass	PK	10.39767G	56.90	68.20	-11.30	3	Vertical	349	1.87	-
5200MHz	Pass	PK	10.402G	56.66	68.20	-11.54	3	Horizontal	147	1.03	-
5240MHz	Pass	AV	5.1404G	47.88	54.00	-6.12	3	Vertical	48	2.71	-
5240MHz	Pass	AV	5.2382G	112.57	Inf	-Inf	3	Vertical	48	2.71	-
5240MHz	Pass	AV	5.3594G	46.03	54.00	-7.97	3	Vertical	48	2.71	-
5240MHz	Pass	PK	5.1494G	61.64	74.00	-12.36	3	Vertical	48	2.71	-
5240MHz	Pass	PK	5.2382G	122.87	Inf	-Inf	3	Vertical	48	2.71	-
5240MHz	Pass	PK	5.3804G	58.89	74.00	-15.11	3	Vertical	48	2.71	-
5240MHz	Pass	AV	5.1446G	52.03	54.00	-1.97	3	Horizontal	274	2.92	-
5240MHz	Pass	AV	5.2454G	119.31	Inf	-Inf	3	Horizontal	274	2.92	-
5240MHz	Pass	AV	5.3648G	48.54	54.00	-5.46	3	Horizontal	274	2.92	-
5240MHz	Pass	PK	5.1464G	66.38	74.00	-7.62	3	Horizontal	274	2.92	-
5240MHz	Pass	PK	5.246G	128.15	Inf	-Inf	3	Horizontal	274	2.92	-
5240MHz	Pass	PK	5.351G	62.84	74.00	-11.16	3	Horizontal	274	2.92	-
5240MHz	Pass	PK	10.47208G	57.06	68.20	-11.14	3	Vertical	18	1.56	-
5240MHz	Pass	PK	10.47632G	56.93	68.20	-11.27	3	Horizontal	147	1.87	-
5745MHz	Pass	AV	5.7522G	112.07	Inf	-Inf	3	Vertical	50	3.00	-
5745MHz	Pass	PK	5.649G	62.15	68.20	-6.05	3	Vertical	50	3.00	-
5745MHz	Pass	PK	5.7522G	121.53	Inf	-Inf	3	Vertical	50	3.00	-
5745MHz	Pass	PK	5.9634G	59.09	68.20	-9.11	3	Vertical	50	3.00	-
5745MHz	Pass	AV	5.751G	116.65	Inf	-Inf	3	Horizontal	272	2.49	-
5745MHz	Pass	PK	5.6502G	64.12	68.35	-4.23	3	Horizontal	272	2.49	-
5745MHz	Pass	PK	5.7498G	125.41	Inf	-Inf	3	Horizontal	272	2.49	-
5745MHz	Pass	PK	5.979G	59.50	68.20	-8.70	3	Horizontal	272	2.49	-
5745MHz	Pass	AV	11.49209G	44.14	54.00	-9.86	3	Vertical	272	2.07	-
5745MHz	Pass	PK	11.4923G	57.06	74.00	-16.94	3	Vertical	272	2.07	-
5745MHz	Pass	AV	11.49222G	44.14	54.00	-9.86	3	Horizontal	142	1.03	-
5745MHz	Pass	PK	11.49175G	56.59	74.00	-17.41	3	Horizontal	142	1.03	-
5785MHz	Pass	AV	5.7826G	114.82	Inf	-Inf	3	Vertical	51	1.97	-
5785MHz	Pass	PK	5.5846G	62.19	68.20	-6.01	3	Vertical	51	1.97	-
5785MHz	Pass	PK	5.7826G	124.26	Inf	-Inf	3	Vertical	51	1.97	-
5785MHz	Pass	PK	5.9422G	59.96	68.20	-8.24	3	Vertical	51	1.97	-
5785MHz	Pass	AV	5.7826G	115.25	Inf	-Inf	3	Horizontal	291	1.67	-



RSE TX above 1GHz\_Non Beamforming\_4T1S

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	PK	5.5786G	66.04	68.20	-2.16	3	Horizontal	291	1.67	-
5785MHz	Pass	PK	5.7814G	124.53	Inf	-Inf	3	Horizontal	291	1.67	-
5785MHz	Pass	PK	5.923G	62.27	69.68	-7.41	3	Horizontal	291	1.67	-
5785MHz	Pass	AV	11.56769G	44.05	54.00	-9.95	3	Vertical	130	1.75	-
5785MHz	Pass	PK	11.56778G	57.14	74.00	-16.86	3	Vertical	130	1.75	-
5785MHz	Pass	AV	11.56777G	44.05	54.00	-9.95	3	Horizontal	181	2.02	-
5785MHz	Pass	PK	11.57243G	57.59	74.00	-16.41	3	Horizontal	181	2.02	-
5825MHz	Pass	AV	5.8226G	114.41	Inf	-Inf	3	Vertical	69	2.72	-
5825MHz	Pass	PK	5.6258G	58.04	68.20	-10.16	3	Vertical	69	2.72	-
5825MHz	Pass	PK	5.8226G	124.79	Inf	-Inf	3	Vertical	69	2.72	-
5825MHz	Pass	PK	5.9294G	68.12	68.20	-0.08	3	Vertical	69	2.72	-
5825MHz	Pass	AV	5.8214G	114.66	Inf	-Inf	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.6402G	58.71	68.20	-9.49	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.8202G	123.89	Inf	-Inf	3	Horizontal	295	1.60	-
5825MHz	Pass	PK	5.9222G	67.47	70.27	-2.80	3	Horizontal	295	1.60	-
5825MHz	Pass	AV	11.64756G	44.18	54.00	-9.82	3	Vertical	15	1.34	-
5825MHz	Pass	PK	11.65008G	56.76	74.00	-17.24	3	Vertical	15	1.34	-
5825MHz	Pass	AV	11.64837G	44.18	54.00	-9.82	3	Horizontal	281	1.99	-
5825MHz	Pass	PK	11.65154G	56.65	74.00	-17.35	3	Horizontal	281	1.99	-
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.1476G	53.84	54.00	-0.16	3	Vertical	44	2.71	-
5190MHz	Pass	AV	5.1876G	102.78	Inf	-Inf	3	Vertical	44	2.71	-
5190MHz	Pass	PK	5.148G	70.40	74.00	-3.60	3	Vertical	44	2.71	-
5190MHz	Pass	PK	5.1872G	112.39	Inf	-Inf	3	Vertical	44	2.71	-
5190MHz	Pass	AV	5.15G	53.77	54.00	-0.23	3	Horizontal	272	2.96	-
5190MHz	Pass	AV	5.176G	108.64	Inf	-Inf	3	Horizontal	272	2.96	-
5190MHz	Pass	PK	5.1352G	72.59	74.00	-1.41	3	Horizontal	272	2.96	-
5190MHz	Pass	PK	5.1768G	118.40	Inf	-Inf	3	Horizontal	272	2.96	-
5190MHz	Pass	PK	10.38172G	56.72	68.20	-11.48	3	Vertical	222	1.80	-
5190MHz	Pass	PK	10.37792G	57.02	68.20	-11.18	3	Horizontal	201	1.79	-
5230MHz	Pass	AV	5.1484G	50.67	54.00	-3.33	3	Vertical	48	2.70	-
5230MHz	Pass	AV	5.228G	105.68	Inf	-Inf	3	Vertical	48	2.70	-
5230MHz	Pass	PK	5.1472G	68.50	74.00	-5.50	3	Vertical	48	2.70	-
5230MHz	Pass	PK	5.2272G	114.98	Inf	-Inf	3	Vertical	48	2.70	-
5230MHz	Pass	AV	5.1368G	53.58	54.00	-0.42	3	Horizontal	271	2.92	-
5230MHz	Pass	AV	5.2364G	112.44	Inf	-Inf	3	Horizontal	271	2.92	-
5230MHz	Pass	PK	5.1364G	71.42	74.00	-2.58	3	Horizontal	271	2.92	-
5230MHz	Pass	PK	5.2376G	121.70	Inf	-Inf	3	Horizontal	271	2.92	-
5230MHz	Pass	PK	10.46032G	56.19	68.20	-12.01	3	Vertical	35	2.48	-
5230MHz	Pass	PK	10.46056G	56.54	68.20	-11.66	3	Horizontal	282	1.97	-
5755MHz	Pass	AV	5.7574G	108.72	Inf	-Inf	3	Vertical	59	2.94	-
5755MHz	Pass	PK	5.6398G	66.76	68.20	-1.44	3	Vertical	59	2.94	-
5755MHz	Pass	PK	5.7574G	117.49	Inf	-Inf	3	Vertical	59	2.94	-
5755MHz	Pass	PK	5.9326G	59.18	68.20	-9.02	3	Vertical	59	2.94	-
5755MHz	Pass	AV	5.7502G	108.43	Inf	-Inf	3	Horizontal	296	1.69	-
5755MHz	Pass	PK	5.6506G	68.46	68.64	-0.18	3	Horizontal	296	1.69	-
5755MHz	Pass	PK	5.7514G	117.48	Inf	-Inf	3	Horizontal	296	1.69	-
5755MHz	Pass	PK	6.0502G	59.11	68.20	-9.09	3	Horizontal	296	1.69	-
5755MHz	Pass	AV	11.50895G	44.66	54.00	-9.34	3	Vertical	72	1.72	-
5755MHz	Pass	PK	11.51162G	57.29	74.00	-16.71	3	Vertical	72	1.72	-
5755MHz	Pass	AV	11.51035G	44.67	54.00	-9.33	3	Horizontal	237	1.66	-
5755MHz	Pass	PK	11.50771G	56.52	74.00	-17.48	3	Horizontal	237	1.66	-
5795MHz	Pass	AV	5.7974G	110.01	Inf	-Inf	3	Vertical	60	2.78	-
5795MHz	Pass	PK	5.6498G	61.01	68.20	-7.19	3	Vertical	60	2.78	-
5795MHz	Pass	PK	5.7962G	118.15	Inf	-Inf	3	Vertical	60	2.78	-
5795MHz	Pass	PK	5.9318G	67.26	68.20	-0.94	3	Vertical	60	2.78	-
5795MHz	Pass	AV	5.7914G	110.03	Inf	-Inf	3	Horizontal	295	1.69	-
5795MHz	Pass	PK	5.6258G	61.06	68.20	-7.14	3	Horizontal	295	1.69	-
5795MHz	Pass	PK	5.7914G	118.87	Inf	-Inf	3	Horizontal	295	1.69	-
5795MHz	Pass	PK	5.9306G	67.72	68.20	-0.48	3	Horizontal	295	1.69	-
5795MHz	Pass	AV	11.58889G	44.80	54.00	-9.20	3	Vertical	64	1.11	-
5795MHz	Pass	PK	11.5906G	57.18	74.00	-16.82	3	Vertical	64	1.11	-



RSE TX above 1GHz\_Non Beamforming\_4T1S

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	11.5908G	45.05	54.00	-8.95	3	Horizontal	48	2.42	-
5795MHz	Pass	PK	11.59241G	57.17	74.00	-16.83	3	Horizontal	48	2.42	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1446G	46.43	54.00	-7.57	3	Vertical	291	1.51	-
5180MHz	Pass	AV	5.1762G	104.05	Inf	-Inf	3	Vertical	291	1.51	-
5180MHz	Pass	PK	5.1362G	62.79	74.00	-11.21	3	Vertical	291	1.51	-
5180MHz	Pass	PK	5.1776G	115.25	Inf	-Inf	3	Vertical	291	1.51	-
5180MHz	Pass	AV	5.1448G	52.45	54.00	-1.55	3	Horizontal	281	2.11	-
5180MHz	Pass	AV	5.183G	111.57	Inf	-Inf	3	Horizontal	281	2.11	-
5180MHz	Pass	PK	5.1436G	73.43	74.00	-0.57	3	Horizontal	281	2.11	-
5180MHz	Pass	PK	5.1842G	122.94	Inf	-Inf	3	Horizontal	281	2.11	-
5180MHz	Pass	PK	10.36564G	56.46	68.20	-11.74	3	Vertical	335	2.33	-
5180MHz	Pass	PK	10.36452G	56.50	68.20	-11.70	3	Horizontal	86	1.49	-
5200MHz	Pass	AV	5.1492G	48.23	54.00	-5.77	3	Vertical	47	2.40	-
5200MHz	Pass	AV	5.1968G	109.47	Inf	-Inf	3	Vertical	47	2.40	-
5200MHz	Pass	PK	5.1468G	63.37	74.00	-10.63	3	Vertical	47	2.40	-
5200MHz	Pass	PK	5.1972G	120.56	Inf	-Inf	3	Vertical	47	2.40	-
5200MHz	Pass	AV	5.1452G	53.04	54.00	-0.96	3	Horizontal	278	2.47	-
5200MHz	Pass	AV	5.2044G	115.39	Inf	-Inf	3	Horizontal	278	2.47	-
5200MHz	Pass	PK	5.1452G	69.44	74.00	-4.56	3	Horizontal	278	2.47	-
5200MHz	Pass	PK	5.2036G	125.93	Inf	-Inf	3	Horizontal	278	2.47	-
5200MHz	Pass	PK	10.40964G	56.86	68.20	-11.34	3	Vertical	182	2.46	-
5200MHz	Pass	PK	10.40272G	56.42	68.20	-11.78	3	Horizontal	264	1.92	-
5240MHz	Pass	AV	5.1404G	47.61	54.00	-6.39	3	Vertical	56	2.67	-
5240MHz	Pass	AV	5.2388G	112.52	Inf	-Inf	3	Vertical	56	2.67	-
5240MHz	Pass	AV	5.3588G	46.31	54.00	-7.69	3	Vertical	56	2.67	-
5240MHz	Pass	PK	5.1398G	59.37	74.00	-14.63	3	Vertical	56	2.67	-
5240MHz	Pass	PK	5.2388G	123.23	Inf	-Inf	3	Vertical	56	2.67	-
5240MHz	Pass	PK	5.3588G	57.03	74.00	-16.97	3	Vertical	56	2.67	-
5240MHz	Pass	AV	5.147G	50.97	54.00	-3.03	3	Horizontal	270	2.91	-
5240MHz	Pass	AV	5.2472G	117.57	Inf	-Inf	3	Horizontal	270	2.91	-
5240MHz	Pass	AV	5.35G	48.59	54.00	-5.41	3	Horizontal	270	2.91	-
5240MHz	Pass	PK	5.1476G	65.34	74.00	-8.66	3	Horizontal	270	2.91	-
5240MHz	Pass	PK	5.2466G	127.72	Inf	-Inf	3	Horizontal	270	2.91	-
5240MHz	Pass	PK	5.351G	60.44	74.00	-13.56	3	Horizontal	270	2.91	-
5240MHz	Pass	PK	10.482G	57.06	68.20	-11.14	3	Vertical	260	2.28	-
5240MHz	Pass	PK	10.48336G	56.15	68.20	-12.05	3	Horizontal	155	1.37	-
5745MHz	Pass	AV	5.7462G	112.95	Inf	-Inf	3	Vertical	58	2.80	-
5745MHz	Pass	PK	5.6478G	62.12	68.20	-6.08	3	Vertical	58	2.80	-
5745MHz	Pass	PK	5.7474G	122.66	Inf	-Inf	3	Vertical	58	2.80	-
5745MHz	Pass	PK	6.0018G	57.73	68.20	-10.47	3	Vertical	58	2.80	-
5745MHz	Pass	AV	5.751G	116.01	Inf	-Inf	3	Horizontal	270	2.32	-
5745MHz	Pass	PK	5.6502G	62.95	68.35	-5.40	3	Horizontal	270	2.32	-
5745MHz	Pass	PK	5.751G	126.23	Inf	-Inf	3	Horizontal	270	2.32	-
5745MHz	Pass	PK	5.9334G	58.43	68.20	-9.77	3	Horizontal	270	2.32	-
5745MHz	Pass	AV	11.4918G	45.02	54.00	-8.98	3	Vertical	303	1.50	-
5745MHz	Pass	PK	11.49264G	57.14	74.00	-16.86	3	Vertical	303	1.50	-
5745MHz	Pass	AV	11.48936G	45.66	54.00	-8.34	3	Horizontal	323	1.44	-
5745MHz	Pass	PK	11.48896G	57.84	74.00	-16.16	3	Horizontal	323	1.44	-
5785MHz	Pass	AV	5.7814G	114.49	Inf	-Inf	3	Vertical	72	2.06	-
5785MHz	Pass	PK	5.5066G	57.28	68.20	-10.92	3	Vertical	72	2.06	-
5785MHz	Pass	PK	5.7826G	124.29	Inf	-Inf	3	Vertical	72	2.06	-
5785MHz	Pass	PK	5.923G	60.28	69.68	-9.40	3	Vertical	72	2.06	-
5785MHz	Pass	AV	5.7898G	115.64	Inf	-Inf	3	Horizontal	272	2.09	-
5785MHz	Pass	PK	5.6026G	62.48	68.20	-5.72	3	Horizontal	272	2.09	-
5785MHz	Pass	PK	5.7898G	124.79	Inf	-Inf	3	Horizontal	272	2.09	-
5785MHz	Pass	PK	5.9326G	59.67	68.20	-8.53	3	Horizontal	272	2.09	-
5785MHz	Pass	AV	11.56992G	45.35	54.00	-8.65	3	Vertical	305	1.47	-
5785MHz	Pass	PK	11.57192G	57.82	74.00	-16.18	3	Vertical	305	1.47	-
5785MHz	Pass	AV	11.56748G	46.38	54.00	-7.62	3	Horizontal	318	1.39	-
5785MHz	Pass	PK	11.5682G	58.75	74.00	-15.25	3	Horizontal	318	1.39	-
5825MHz	Pass	AV	5.8262G	113.47	Inf	-Inf	3	Vertical	58	2.74	-



RSE TX above 1GHz\_Non Beamforming\_4T1S

Appendix E.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.585G	57.53	68.20	-10.67	3	Vertical	58	2.74	-
5825MHz	Pass	PK	5.8334G	123.92	Inf	-Inf	3	Vertical	58	2.74	-
5825MHz	Pass	PK	5.9198G	69.03	72.05	-3.02	3	Vertical	58	2.74	-
5825MHz	Pass	AV	5.8226G	114.40	Inf	-Inf	3	Horizontal	291	1.65	-
5825MHz	Pass	PK	5.6426G	57.71	68.20	-10.49	3	Horizontal	291	1.65	-
5825MHz	Pass	PK	5.8226G	125.10	Inf	-Inf	3	Horizontal	291	1.65	-
5825MHz	Pass	PK	5.9234G	66.31	69.38	-3.07	3	Horizontal	291	1.65	-
5825MHz	Pass	AV	11.64988G	45.73	54.00	-8.27	3	Vertical	306	1.53	-
5825MHz	Pass	PK	11.65114G	58.10	74.00	-15.90	3	Vertical	306	1.53	-
5825MHz	Pass	AV	11.64826G	46.38	54.00	-7.62	3	Horizontal	319	1.44	-
5825MHz	Pass	PK	11.65036G	59.33	74.00	-14.67	3	Horizontal	319	1.44	-
802.11ax HEW40_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.146G	51.79	54.00	-2.21	3	Vertical	102	1.04	-
5190MHz	Pass	AV	5.2064G	100.81	Inf	-Inf	3	Vertical	102	1.04	-
5190MHz	Pass	PK	5.1456G	66.19	74.00	-7.81	3	Vertical	102	1.04	-
5190MHz	Pass	PK	5.2064G	111.36	Inf	-Inf	3	Vertical	102	1.04	-
5190MHz	Pass	AV	5.15G	53.27	54.00	-0.73	3	Horizontal	276	2.82	-
5190MHz	Pass	AV	5.1952G	107.74	Inf	-Inf	3	Horizontal	276	2.82	-
5190MHz	Pass	PK	5.1336G	66.99	74.00	-7.01	3	Horizontal	276	2.82	-
5190MHz	Pass	PK	5.1952G	119.24	Inf	-Inf	3	Horizontal	276	2.82	-
5190MHz	Pass	PK	10.3952G	56.48	68.20	-11.72	3	Vertical	3	1.57	-
5190MHz	Pass	PK	10.38728G	56.82	68.20	-11.38	3	Horizontal	106	1.50	-
5230MHz	Pass	AV	5.15G	47.53	54.00	-6.47	3	Vertical	166	1.55	-
5230MHz	Pass	AV	5.2332G	105.05	Inf	-Inf	3	Vertical	166	1.55	-
5230MHz	Pass	PK	5.15G	60.35	74.00	-13.65	3	Vertical	166	1.55	-
5230MHz	Pass	PK	5.2332G	117.22	Inf	-Inf	3	Vertical	166	1.55	-
5230MHz	Pass	AV	5.15G	53.27	54.00	-0.73	3	Horizontal	276	2.82	-
5230MHz	Pass	AV	5.2348G	112.27	Inf	-Inf	3	Horizontal	276	2.82	-
5230MHz	Pass	PK	5.134G	67.81	74.00	-6.19	3	Horizontal	276	2.82	-
5230MHz	Pass	PK	5.2352G	124.38	Inf	-Inf	3	Horizontal	276	2.82	-
5230MHz	Pass	PK	10.44624G	56.38	68.20	-11.82	3	Vertical	271	1.83	-
5230MHz	Pass	PK	10.46424G	56.62	68.20	-11.58	3	Horizontal	89	1.13	-
5755MHz	Pass	AV	5.7586G	108.55	Inf	-Inf	3	Vertical	63	2.76	-
5755MHz	Pass	PK	5.6506G	66.12	68.64	-2.52	3	Vertical	63	2.76	-
5755MHz	Pass	PK	5.7586G	120.16	Inf	-Inf	3	Vertical	63	2.76	-
5755MHz	Pass	PK	6.0394G	58.76	68.20	-9.44	3	Vertical	63	2.76	-
5755MHz	Pass	AV	5.7418G	112.08	Inf	-Inf	3	Horizontal	270	2.63	-
5755MHz	Pass	PK	5.6602G	75.13	75.75	-0.62	3	Horizontal	270	2.63	-
5755MHz	Pass	PK	5.761G	123.10	Inf	-Inf	3	Horizontal	270	2.63	-
5755MHz	Pass	PK	5.9458G	59.67	68.20	-8.53	3	Horizontal	270	2.63	-
5755MHz	Pass	AV	11.49G	44.23	54.00	-9.77	3	Vertical	307	2.00	-
5755MHz	Pass	PK	11.50056G	57.73	74.00	-16.27	3	Vertical	307	2.00	-
5755MHz	Pass	AV	11.50752G	44.60	54.00	-9.40	3	Horizontal	343	2.27	-
5755MHz	Pass	PK	11.51104G	56.95	74.00	-17.05	3	Horizontal	343	2.27	-
5795MHz	Pass	AV	5.7986G	110.01	Inf	-Inf	3	Vertical	65	2.75	-
5795MHz	Pass	PK	5.639G	61.87	68.20	-6.33	3	Vertical	65	2.75	-
5795MHz	Pass	PK	5.7986G	121.33	Inf	-Inf	3	Vertical	65	2.75	-
5795MHz	Pass	PK	5.9318G	67.33	68.20	-0.87	3	Vertical	65	2.75	-
5795MHz	Pass	AV	5.7998G	111.92	Inf	-Inf	3	Horizontal	272	2.19	-
5795MHz	Pass	PK	5.6318G	62.50	68.20	-5.70	3	Horizontal	272	2.19	-
5795MHz	Pass	PK	5.7818G	122.61	Inf	-Inf	3	Horizontal	272	2.19	-
5795MHz	Pass	PK	5.9318G	65.94	68.20	-2.26	3	Horizontal	272	2.19	-
5795MHz	Pass	AV	11.60144G	44.81	54.00	-9.19	3	Vertical	287	1.58	-
5795MHz	Pass	PK	11.6032G	56.98	74.00	-17.02	3	Vertical	287	1.58	-
5795MHz	Pass	AV	11.6052G	44.80	54.00	-9.20	3	Horizontal	191	1.62	-
5795MHz	Pass	PK	11.60408G	57.50	74.00	-16.50	3	Horizontal	191	1.62	-
802.11ax HEW80_Nss1_(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	48.37	54.00	-5.63	3	Vertical	103	2.99	-
5210MHz	Pass	AV	5.235G	94.14	Inf	-Inf	3	Vertical	103	2.99	-
5210MHz	Pass	AV	5.441G	46.23	54.00	-7.77	3	Vertical	103	2.99	-
5210MHz	Pass	PK	5.118G	57.84	74.00	-16.16	3	Vertical	103	2.99	-
5210MHz	Pass	PK	5.195G	103.26	Inf	-Inf	3	Vertical	103	2.99	-





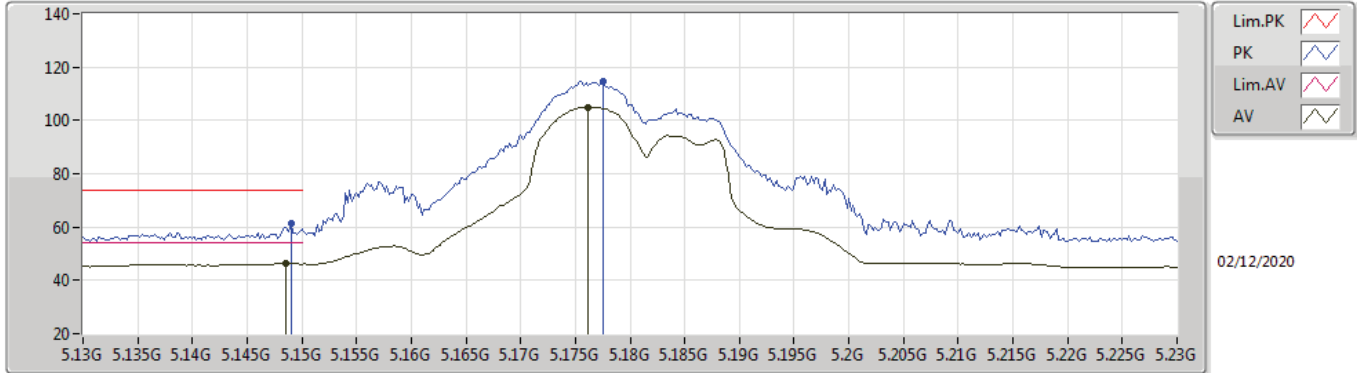
**RSE TX above 1GHz\_Non Beamforming\_4T1S**

**Appendix E.4**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.39G	56.67	74.00	-17.33	3	Vertical	103	2.99	-
5210MHz	Pass	AV	5.136G	53.63	54.00	-0.37	3	Horizontal	275	3.00	-
5210MHz	Pass	AV	5.235G	101.46	Inf	-Inf	3	Horizontal	275	3.00	-
5210MHz	Pass	AV	5.355G	47.42	54.00	-6.58	3	Horizontal	275	3.00	-
5210MHz	Pass	PK	5.135G	65.94	74.00	-8.06	3	Horizontal	275	3.00	-
5210MHz	Pass	PK	5.195G	111.53	Inf	-Inf	3	Horizontal	275	3.00	-
5210MHz	Pass	PK	5.377G	58.00	74.00	-16.00	3	Horizontal	275	3.00	-
5210MHz	Pass	PK	10.42109G	56.33	68.20	-11.87	3	Vertical	223	2.37	-
5210MHz	Pass	PK	10.4209G	56.36	68.20	-11.84	3	Horizontal	122	1.42	-
5775MHz	Pass	AV	5.7834G	101.92	Inf	-Inf	3	Vertical	56	3.00	-
5775MHz	Pass	PK	5.6166G	65.25	68.20	-2.95	3	Vertical	56	3.00	-
5775MHz	Pass	PK	5.7846G	111.64	Inf	-Inf	3	Vertical	56	3.00	-
5775MHz	Pass	PK	5.9238G	61.30	69.09	-7.79	3	Vertical	56	3.00	-
5775MHz	Pass	AV	5.781G	104.63	Inf	-Inf	3	Horizontal	271	2.26	-
5775MHz	Pass	PK	5.6394G	67.32	68.20	-0.88	3	Horizontal	271	2.26	-
5775MHz	Pass	PK	5.763G	115.14	Inf	-Inf	3	Horizontal	271	2.26	-
5775MHz	Pass	PK	5.9238G	62.49	69.09	-6.60	3	Horizontal	271	2.26	-
5775MHz	Pass	AV	11.586G	45.97	54.00	-8.03	3	Vertical	168	1.71	-
5775MHz	Pass	PK	11.55576G	57.26	74.00	-16.74	3	Vertical	168	1.71	-
5775MHz	Pass	AV	11.58474G	46.10	54.00	-7.90	3	Horizontal	251	1.77	-
5775MHz	Pass	PK	11.58366G	56.80	74.00	-17.20	3	Horizontal	251	1.77	-

802.11a\_Nss1,(6Mbps)\_4TX

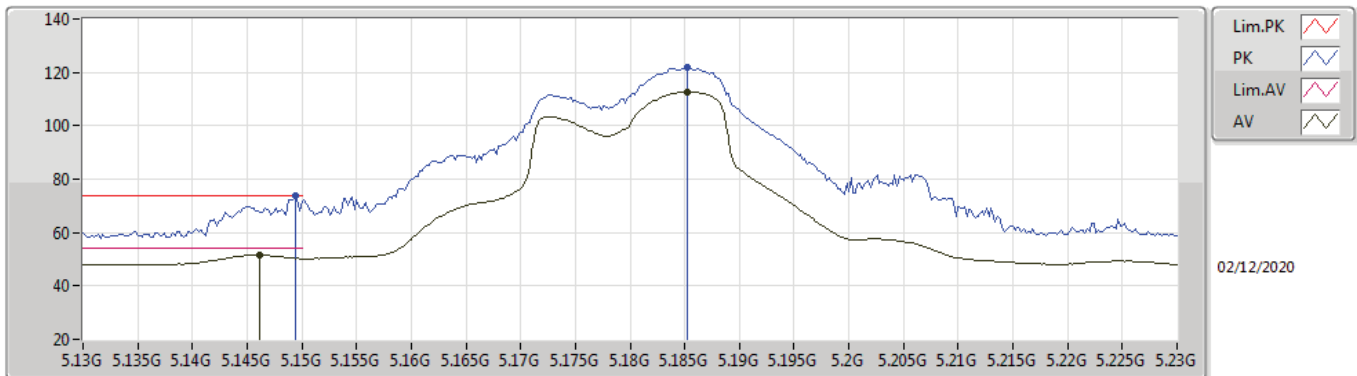
5180MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1486G	46.27	54.00	-7.73	9.59	3	Vertical	102	1.05	-	36.68	32.00	6.77	29.18
AV	5.1762G	105.06	Inf	-Inf	9.51	3	Vertical	102	1.05	-	95.55	31.90	6.79	29.18
PK	5.149G	61.35	74.00	-12.65	9.59	3	Vertical	102	1.05	-	51.76	32.00	6.77	29.18
PK	5.1776G	114.63	Inf	-Inf	9.50	3	Vertical	102	1.05	-	105.13	31.89	6.79	29.18

802.11a\_Nss1,(6Mbps)\_4TX

5180MHz\_TX

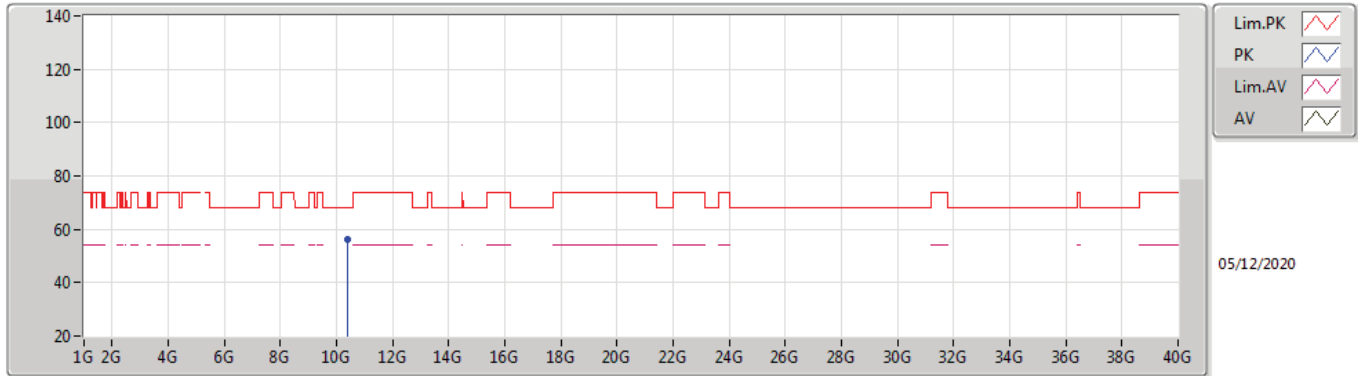


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1462G	51.54	54.00	-2.46	9.58	3	Horizontal	275	2.93	-	41.96	31.99	6.77	29.18
AV	5.1852G	112.69	Inf	-Inf	9.47	3	Horizontal	275	2.93	-	103.22	31.86	6.79	29.18
PK	5.1494G	73.57	74.00	-0.43	9.59	3	Horizontal	275	2.93	-	63.98	32.00	6.77	29.18
PK	5.1852G	122.03	Inf	-Inf	9.47	3	Horizontal	275	2.93	-	112.56	31.86	6.79	29.18



802.11a\_Nss1,(6Mbps)\_4TX

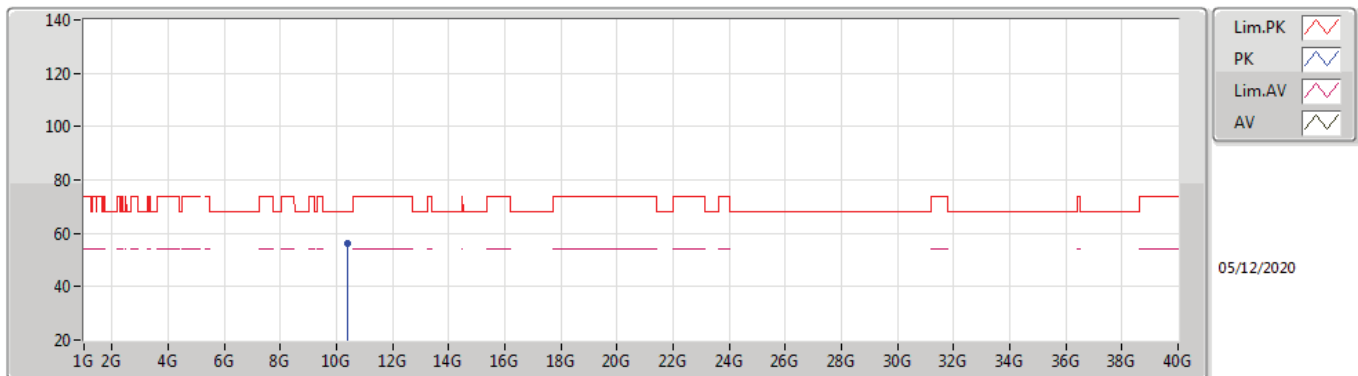
5180MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.37544G	56.33	68.20	-11.87	18.12	3	Vertical	186	2.10	-	38.21	39.50	8.97	30.35

802.11a\_Nss1,(6Mbps)\_4TX

5180MHz\_TX

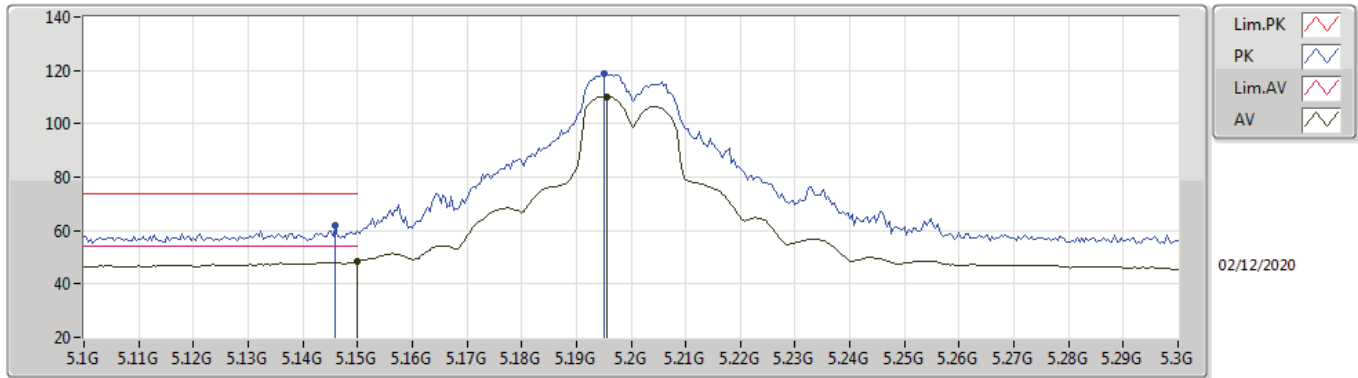


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.378G	56.18	68.20	-12.02	18.13	3	Horizontal	277	1.94	-	38.05	39.51	8.97	30.35



802.11a\_Nss1,(6Mbps)\_4TX

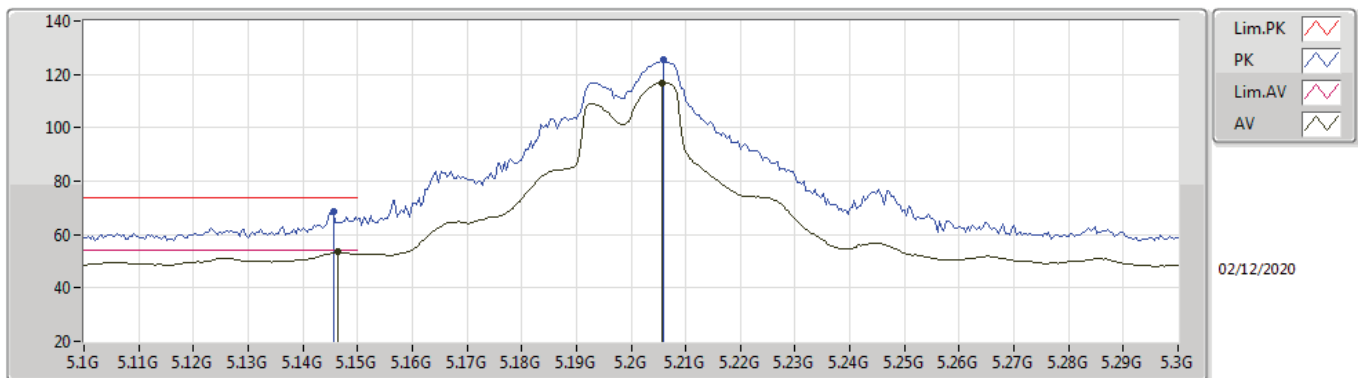
5200MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	48.41	54.00	-5.59	9.60	3	Vertical	20	2.24	-	38.81	32.00	6.78	29.18
AV	5.1956G	110.24	Inf	-Inf	9.44	3	Vertical	20	2.24	-	100.80	31.82	6.80	29.18
PK	5.146G	61.74	74.00	-12.26	9.58	3	Vertical	20	2.24	-	52.16	31.99	6.77	29.18
PK	5.1952G	118.55	Inf	-Inf	9.44	3	Vertical	20	2.24	-	109.11	31.82	6.80	29.18

802.11a\_Nss1,(6Mbps)\_4TX

5200MHz\_TX

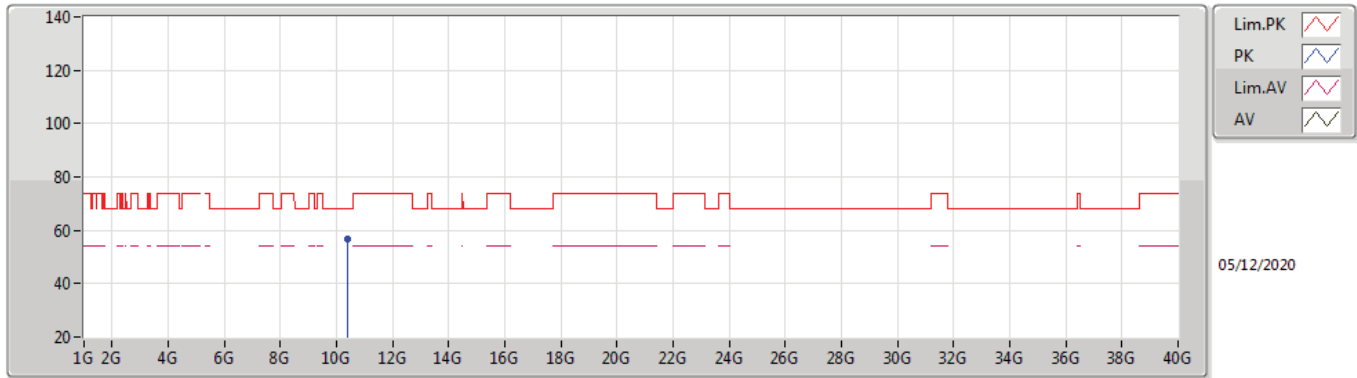


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	53.44	54.00	-0.56	9.58	3	Horizontal	273	3.00	-	43.86	31.99	6.77	29.18
AV	5.2056G	116.73	Inf	-Inf	9.38	3	Horizontal	273	3.00	-	107.35	31.76	6.80	29.18
PK	5.1456G	68.68	74.00	-5.32	9.58	3	Horizontal	273	3.00	-	59.10	31.99	6.77	29.18
PK	5.206G	125.27	Inf	-Inf	9.37	3	Horizontal	273	3.00	-	115.90	31.75	6.80	29.18



802.11a\_Nss1,(6Mbps)\_4TX

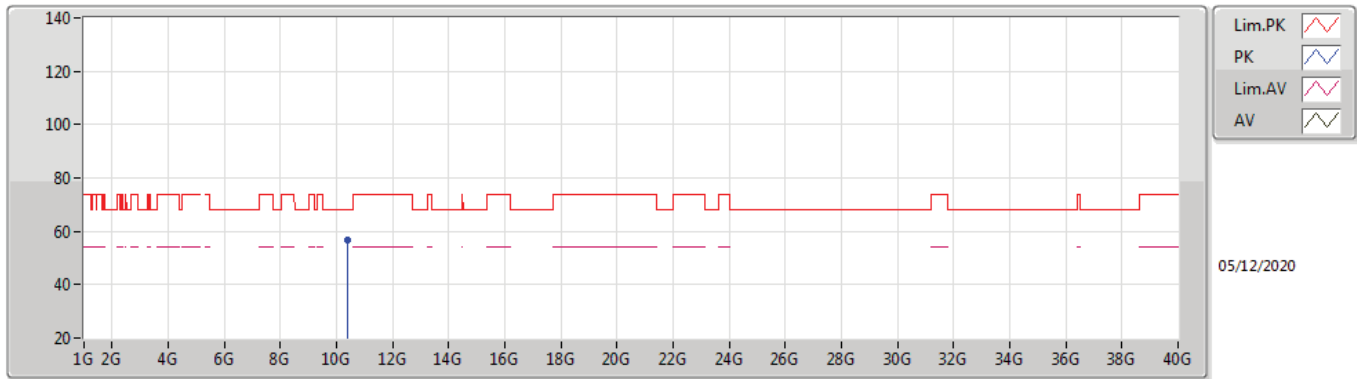
5200MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38976G	56.56	68.20	-11.64	18.18	3	Vertical	88	1.50	-	38.38	39.56	8.98	30.36

802.11a\_Nss1,(6Mbps)\_4TX

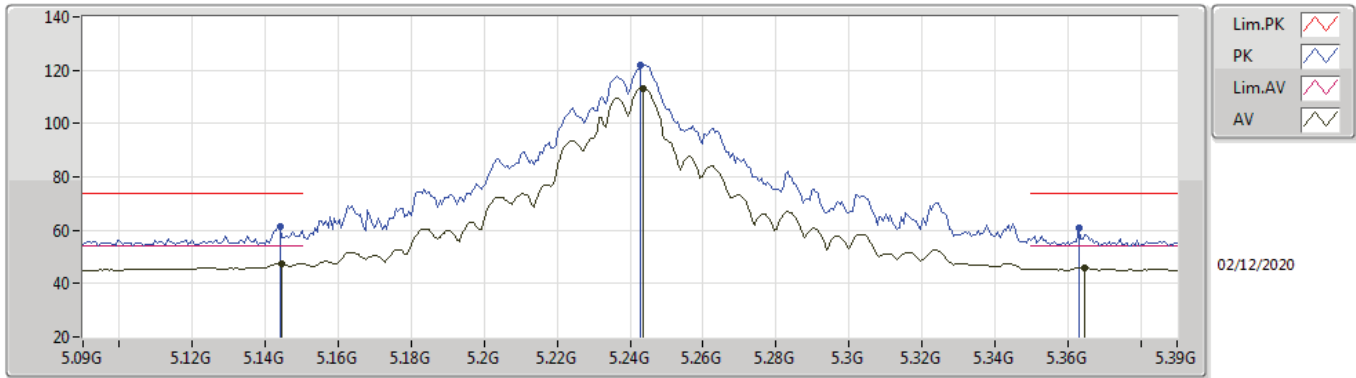
5200MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.39752G	56.47	68.20	-11.73	18.21	3	Horizontal	287	1.99	-	38.26	39.59	8.98	30.36

802.11a\_Nss1,(6Mbps)\_4TX

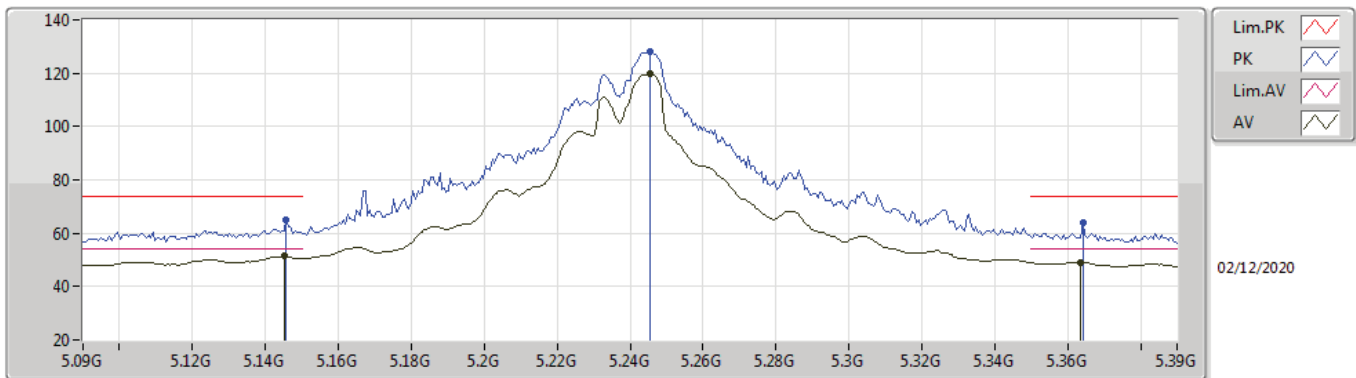
5240MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1446G	47.40	54.00	-6.60	9.58	3	Vertical	166	1.56	-	37.82	31.99	6.77	29.18
AV	5.2436G	113.27	Inf	-Inf	9.07	3	Vertical	166	1.56	-	104.20	31.45	6.80	29.18
AV	5.3648G	45.94	54.00	-8.06	8.83	3	Vertical	166	1.56	-	37.11	31.22	6.80	29.19
PK	5.144G	61.20	74.00	-12.80	9.58	3	Vertical	166	1.56	-	51.62	31.99	6.77	29.18
PK	5.243G	121.74	Inf	-Inf	9.08	3	Vertical	166	1.56	-	112.66	31.46	6.80	29.18
PK	5.363G	60.64	74.00	-13.36	8.81	3	Vertical	166	1.56	-	51.83	31.20	6.80	29.19

802.11a\_Nss1,(6Mbps)\_4TX

5240MHz\_TX

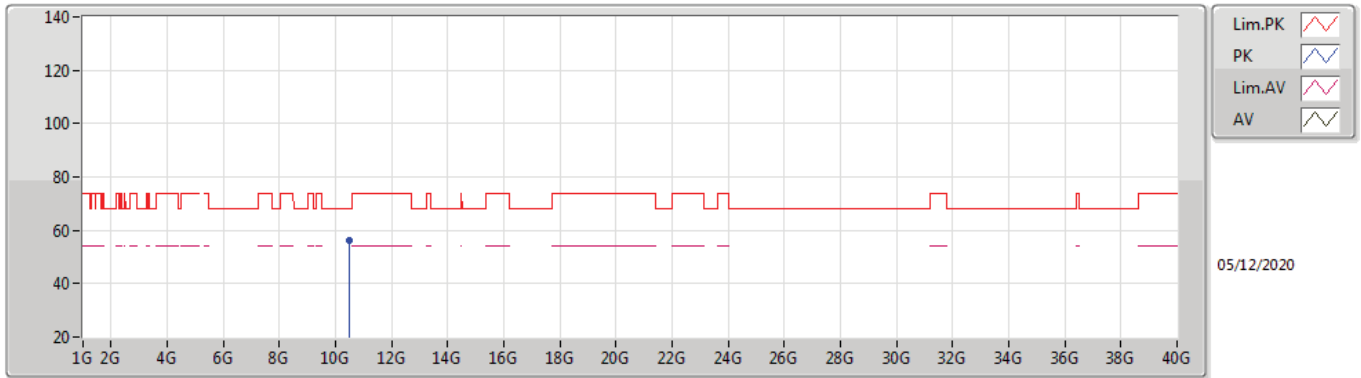


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1452G	51.32	54.00	-2.68	9.58	3	Horizontal	276	2.78	-	41.74	31.99	6.77	29.18
AV	5.2454G	119.72	Inf	-Inf	9.06	3	Horizontal	276	2.78	-	110.66	31.44	6.80	29.18
AV	5.3636G	49.10	54.00	-4.90	8.82	3	Horizontal	276	2.78	-	40.28	31.21	6.80	29.19
PK	5.1458G	65.09	74.00	-8.91	9.58	3	Horizontal	276	2.78	-	55.51	31.99	6.77	29.18
PK	5.2454G	128.02	Inf	-Inf	9.06	3	Horizontal	276	2.78	-	118.96	31.44	6.80	29.18
PK	5.3642G	63.81	74.00	-10.19	8.82	3	Horizontal	276	2.78	-	54.99	31.21	6.80	29.19



802.11a\_Nss1,(6Mbps)\_4TX

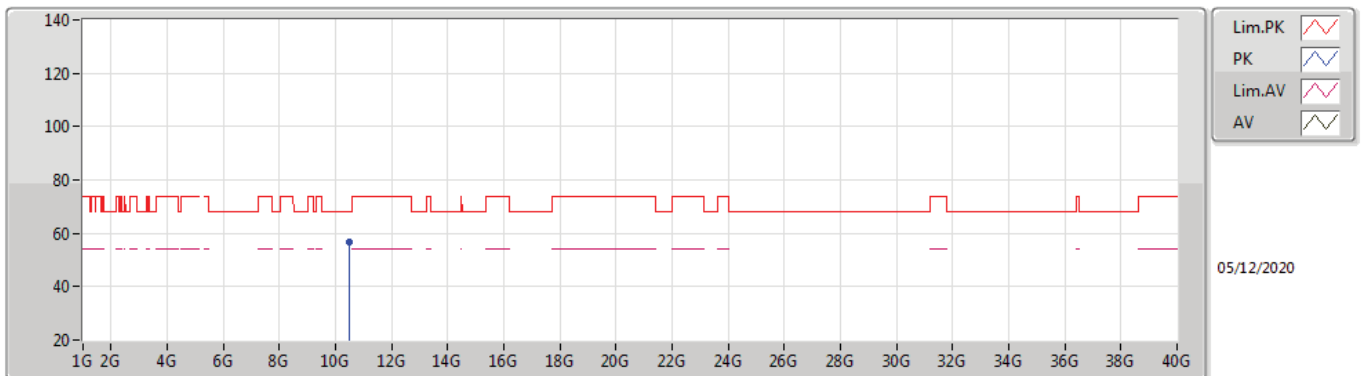
5240MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.48352G	56.43	68.20	-11.77	18.31	3	Vertical	61	1.50	-	38.12	39.68	9.02	30.39

802.11a\_Nss1,(6Mbps)\_4TX

5240MHz\_TX

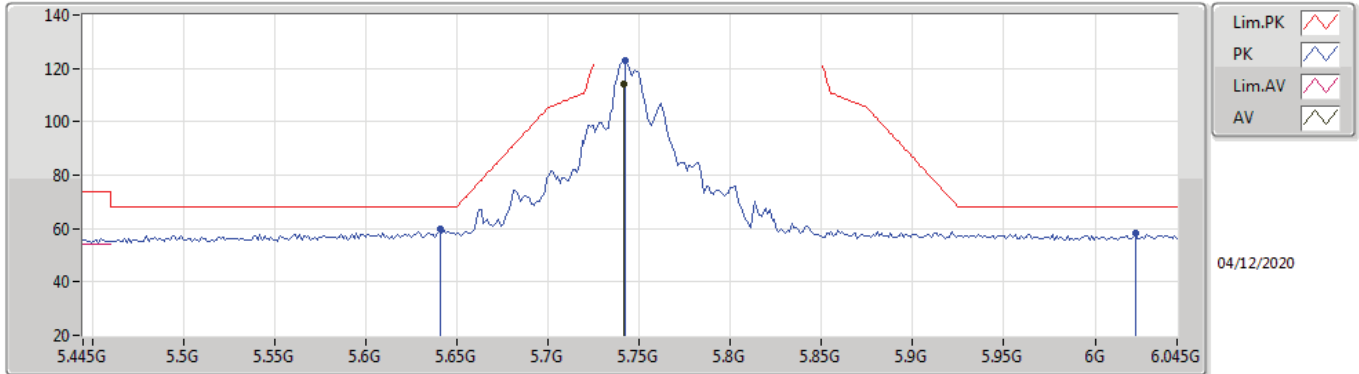


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.4784G	56.51	68.20	-11.69	18.32	3	Horizontal	305	1.49	-	38.19	39.68	9.02	30.38



802.11a\_Nss1,(6Mbps)\_4TX

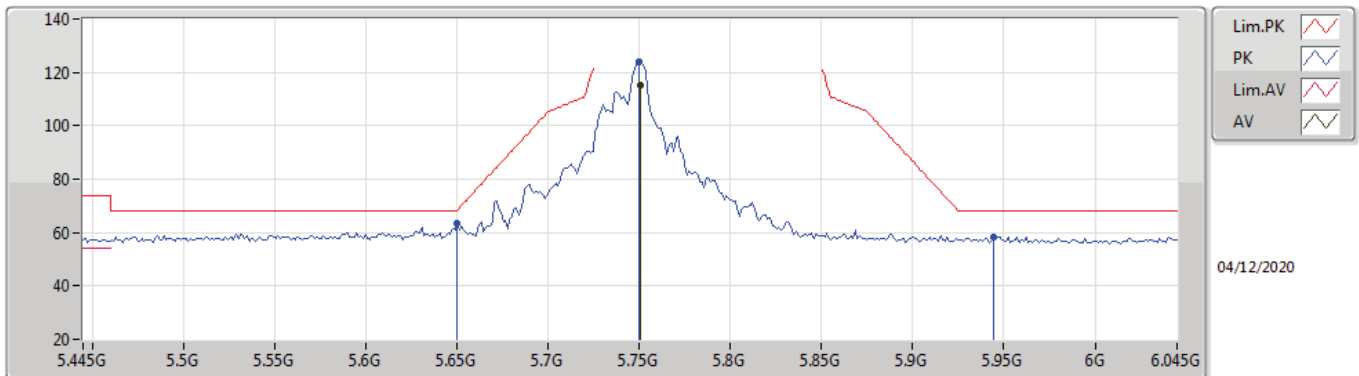
5745MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7414G	114.11	Inf	-Inf	9.67	3	Vertical	71	2.04	-	104.44	31.98	6.97	29.28
PK	5.6406G	59.86	68.20	-8.34	9.41	3	Vertical	71	2.04	-	50.45	31.74	6.92	29.25
PK	5.7426G	122.95	Inf	-Inf	9.68	3	Vertical	71	2.04	-	113.27	31.99	6.97	29.28
PK	6.0222G	58.02	68.20	-10.18	10.16	3	Vertical	71	2.04	-	47.86	32.43	7.11	29.38

802.11a\_Nss1,(6Mbps)\_4TX

5745MHz\_TX



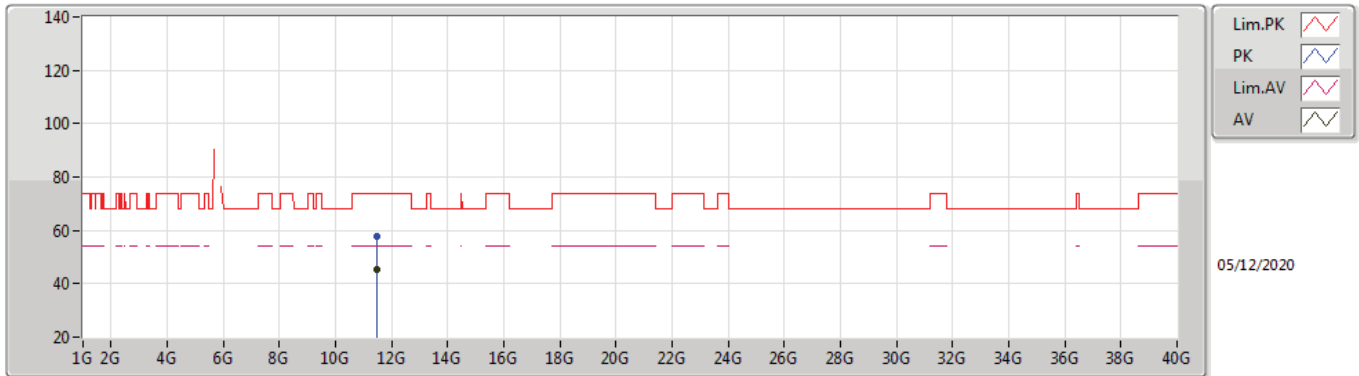
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	114.93	Inf	-Inf	9.69	3	Horizontal	272	2.03	-	105.24	32.00	6.98	29.29
PK	5.6502G	63.27	68.35	-5.08	9.38	3	Horizontal	272	2.03	-	53.89	31.70	6.93	29.25
PK	5.7498G	123.71	Inf	-Inf	9.69	3	Horizontal	272	2.03	-	114.02	32.00	6.97	29.28
PK	5.9442G	58.50	68.20	-9.70	10.10	3	Horizontal	272	2.03	-	48.40	32.38	7.07	29.35





802.11a\_Nss1,(6Mbps)\_4TX

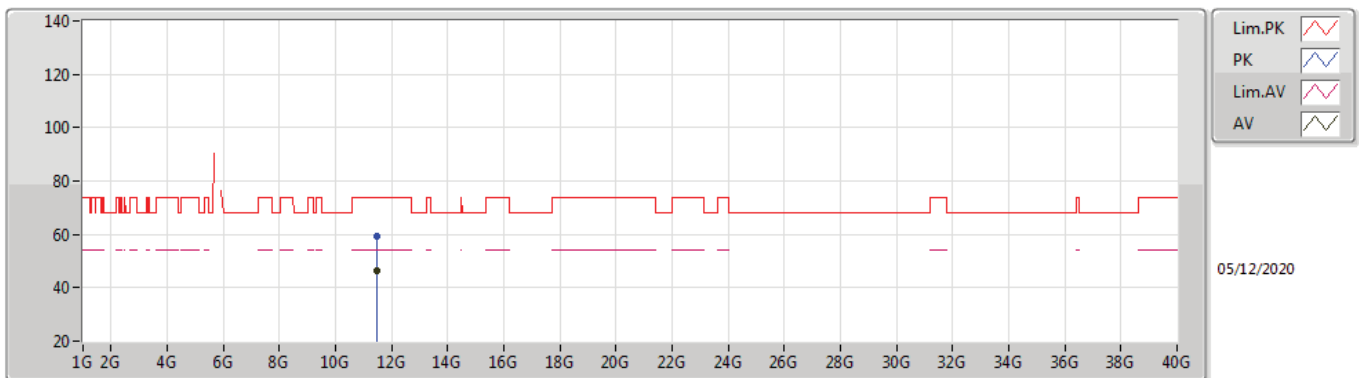
5745MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49224G	45.40	54.00	-8.60	19.08	3	Vertical	307	1.50	-	26.32	39.99	9.47	30.38
PK	11.492G	57.88	74.00	-16.12	19.08	3	Vertical	307	1.50	-	38.80	39.99	9.47	30.38

802.11a\_Nss1,(6Mbps)\_4TX

5745MHz\_TX

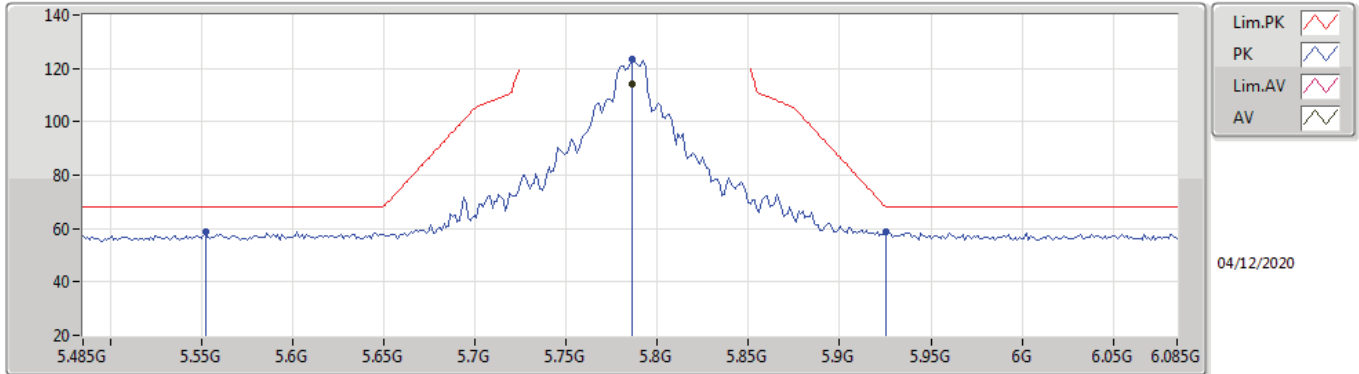


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48816G	46.37	54.00	-7.63	19.08	3	Horizontal	321	1.34	-	27.29	39.99	9.47	30.38
PK	11.4884G	59.14	74.00	-14.86	19.08	3	Horizontal	321	1.34	-	40.06	39.99	9.47	30.38



802.11a\_Nss1,(6Mbps)\_4TX

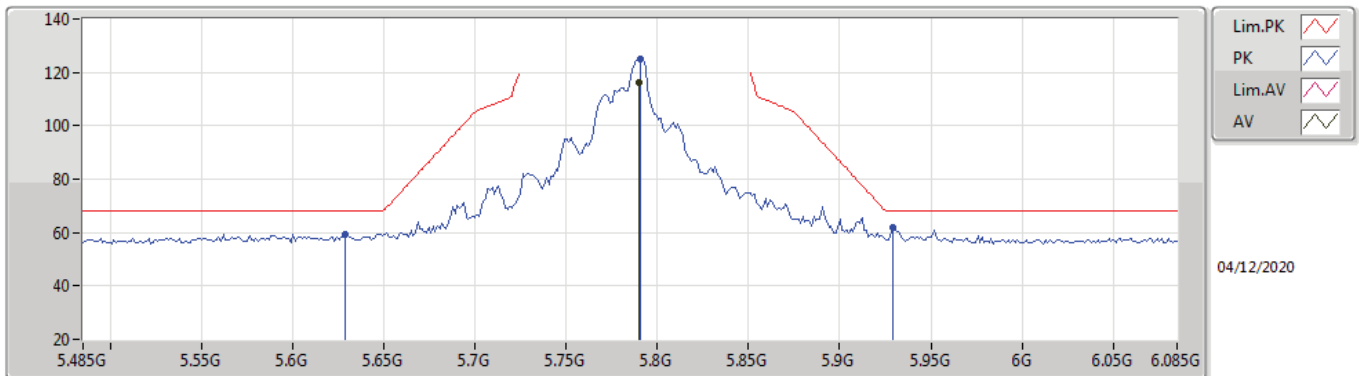
5785MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7862G	114.37	Inf	-Inf	9.69	3	Vertical	58	2.75	-	104.68	32.00	6.99	29.30
PK	5.5522G	58.92	68.20	-9.28	9.46	3	Vertical	58	2.75	-	49.46	31.80	6.88	29.22
PK	5.7862G	123.64	Inf	-Inf	9.69	3	Vertical	58	2.75	-	113.95	32.00	6.99	29.30
PK	5.9254G	58.95	68.20	-9.25	10.02	3	Vertical	58	2.75	-	48.93	32.30	7.06	29.34

802.11a\_Nss1,(6Mbps)\_4TX

5785MHz\_TX

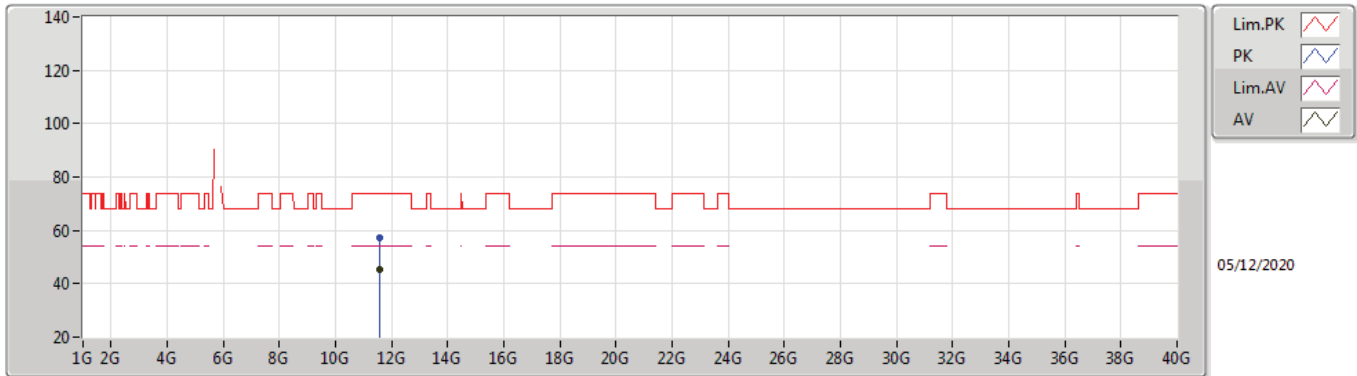


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	116.00	Inf	-Inf	9.69	3	Horizontal	273	2.08	-	106.31	32.00	6.99	29.30
PK	5.629G	59.47	68.20	-8.73	9.45	3	Horizontal	273	2.08	-	50.02	31.78	6.91	29.24
PK	5.791G	125.25	Inf	-Inf	9.70	3	Horizontal	273	2.08	-	115.55	32.00	7.00	29.30
PK	5.929G	62.00	68.20	-6.20	10.03	3	Horizontal	273	2.08	-	51.97	32.32	7.06	29.35



802.11a\_Nss1,(6Mbps)\_4TX

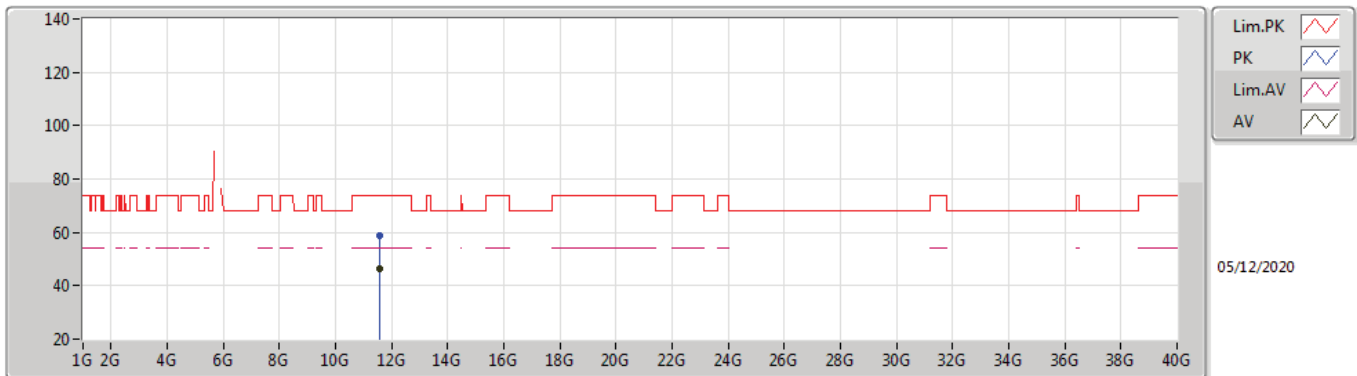
5785MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56992G	45.35	54.00	-8.65	19.08	3	Vertical	301	1.50	-	26.27	39.93	9.51	30.36
PK	11.5704G	57.26	74.00	-16.74	19.08	3	Vertical	301	1.50	-	38.18	39.93	9.51	30.36

802.11a\_Nss1,(6Mbps)\_4TX

5785MHz\_TX

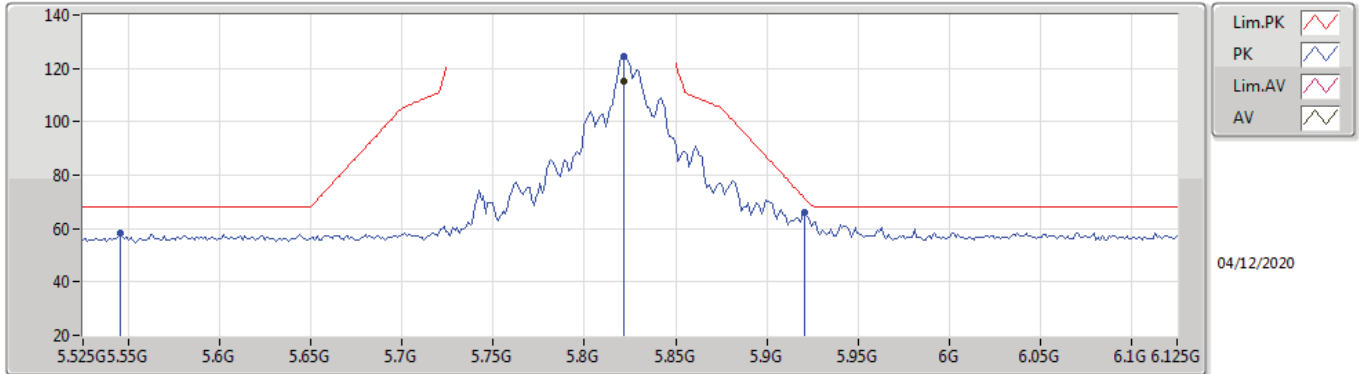


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5688G	46.59	54.00	-7.41	19.08	3	Horizontal	321	1.40	-	27.51	39.93	9.51	30.36
PK	11.56616G	58.75	74.00	-15.25	19.07	3	Horizontal	321	1.40	-	39.68	39.93	9.50	30.36



802.11a\_Nss1,(6Mbps)\_4TX

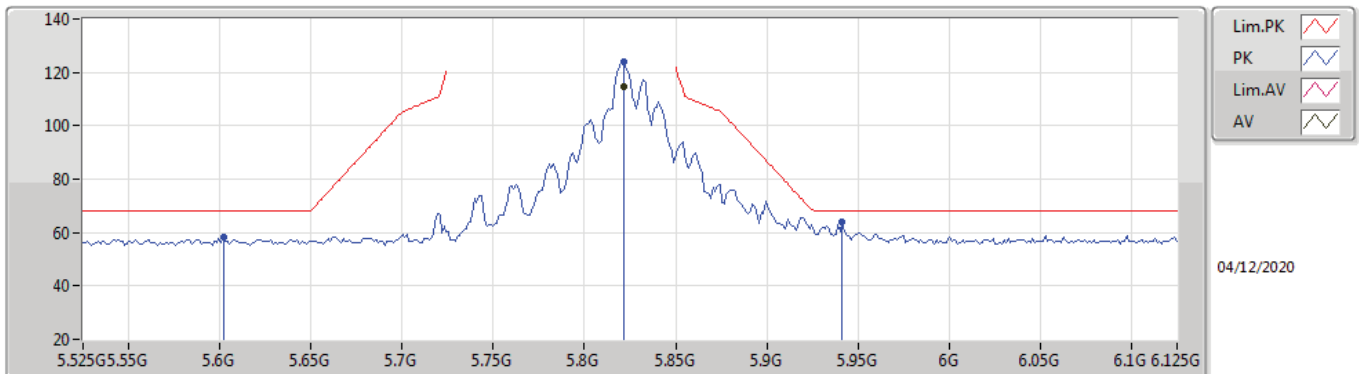
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	115.30	Inf	-Inf	9.74	3	Vertical	73	2.03	-	105.56	32.04	7.01	29.31
PK	5.5454G	58.26	68.20	-9.94	9.45	3	Vertical	73	2.03	-	48.81	31.80	6.87	29.22
PK	5.8214G	124.59	Inf	-Inf	9.74	3	Vertical	73	2.03	-	114.85	32.04	7.01	29.31
PK	5.921G	66.22	71.16	-4.94	10.00	3	Vertical	73	2.03	-	56.22	32.28	7.06	29.34

802.11a\_Nss1,(6Mbps)\_4TX

5825MHz\_TX

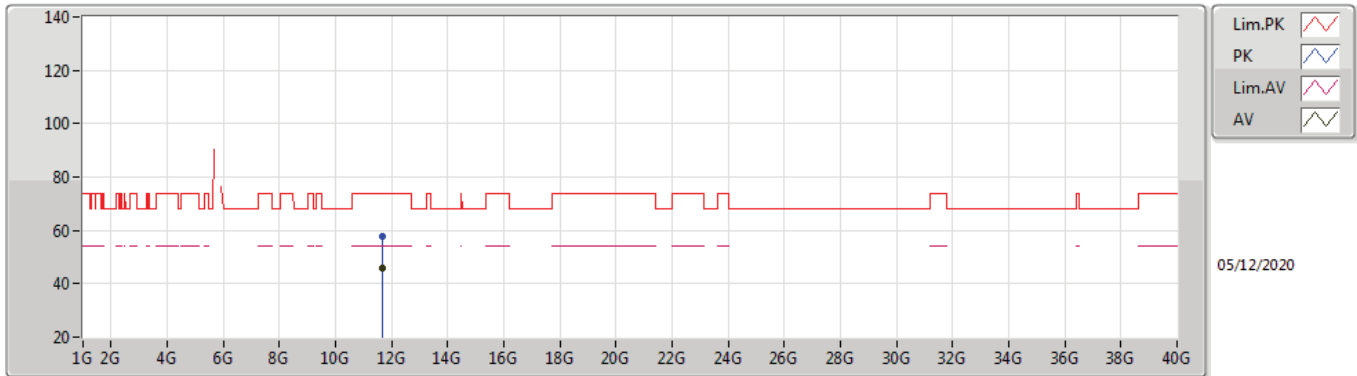


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	114.45	Inf	-Inf	9.74	3	Horizontal	295	1.60	-	104.71	32.04	7.01	29.31
PK	5.6018G	58.30	68.20	-9.90	9.56	3	Horizontal	295	1.60	-	48.74	31.89	6.90	29.23
PK	5.8214G	123.96	Inf	-Inf	9.74	3	Horizontal	295	1.60	-	114.22	32.04	7.01	29.31
PK	5.9414G	63.84	68.20	-4.36	10.09	3	Horizontal	295	1.60	-	53.75	32.37	7.07	29.35



802.11a\_Nss1,(6Mbps)\_4TX

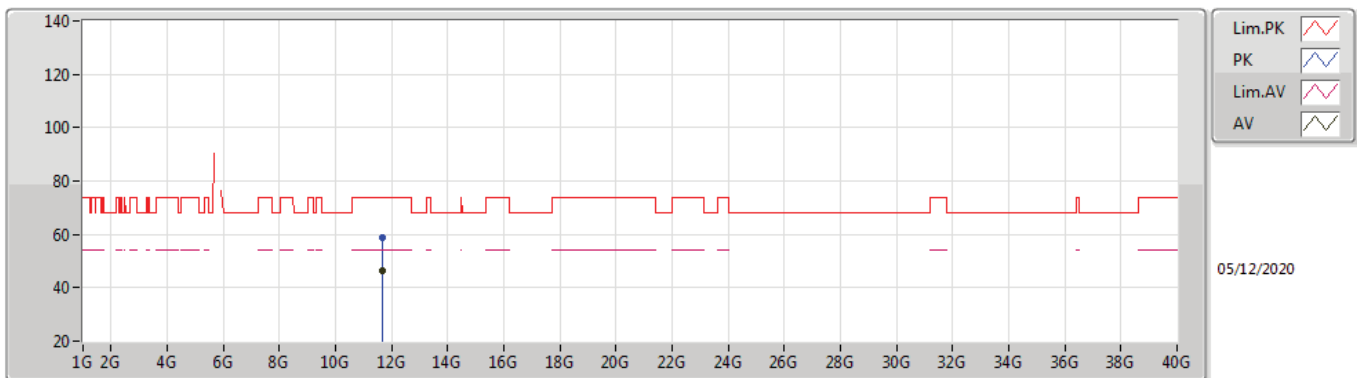
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.65176G	45.82	54.00	-8.18	18.80	3	Vertical	305	1.60	-	27.02	39.59	9.54	30.33
PK	11.65616G	57.83	74.00	-16.17	18.78	3	Vertical	305	1.60	-	39.05	39.56	9.55	30.33

802.11a\_Nss1,(6Mbps)\_4TX

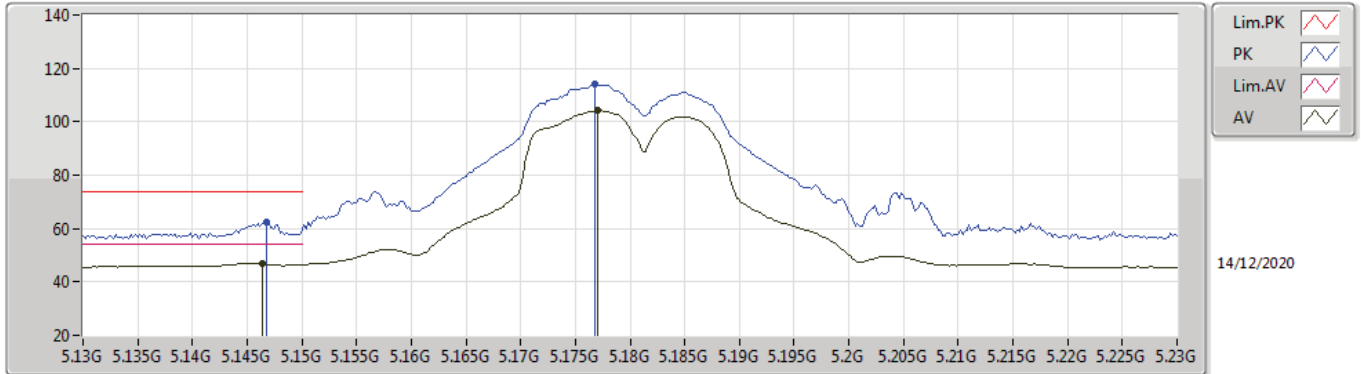
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64848G	46.27	54.00	-7.73	18.82	3	Horizontal	318	1.50	-	27.45	39.61	9.54	30.33
PK	11.64824G	59.02	74.00	-14.98	18.82	3	Horizontal	318	1.50	-	40.20	39.61	9.54	30.33

802.11ac VHT20\_Nss1,(MCS0)\_4TX

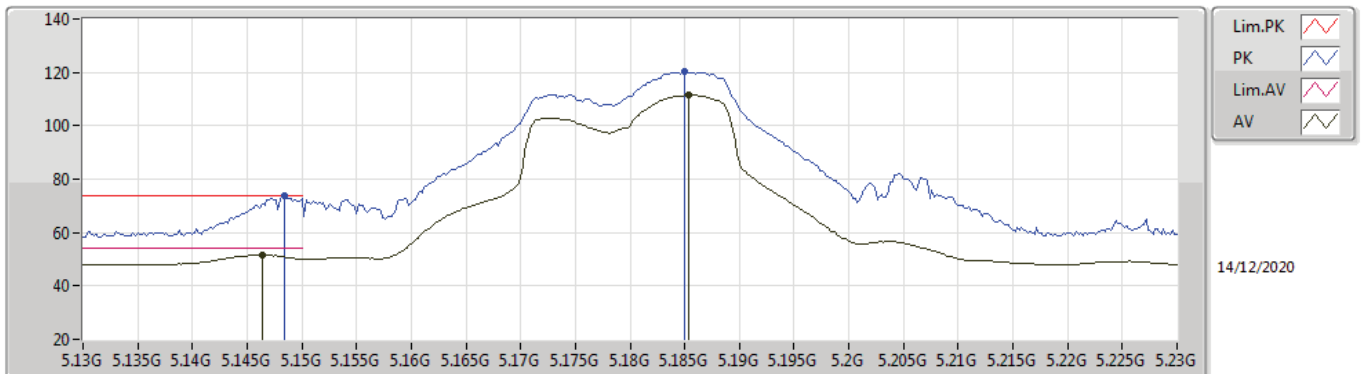
5180MHz\_TX



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	5.1464G	46.84	54.00	-7.16	9.58	3	Vertical	360	2.90	-	37.26	31.99	6.77	29.18
AV	5.177G	104.14	Inf	-Inf	9.50	3	Vertical	360	2.90	-	94.64	31.89	6.79	29.18
PK	5.1468G	62.35	74.00	-11.65	9.58	3	Vertical	360	2.90	-	52.77	31.99	6.77	29.18
PK	5.1768G	114.12	Inf	-Inf	9.50	3	Vertical	360	2.90	-	104.62	31.89	6.79	29.18

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5180MHz\_TX

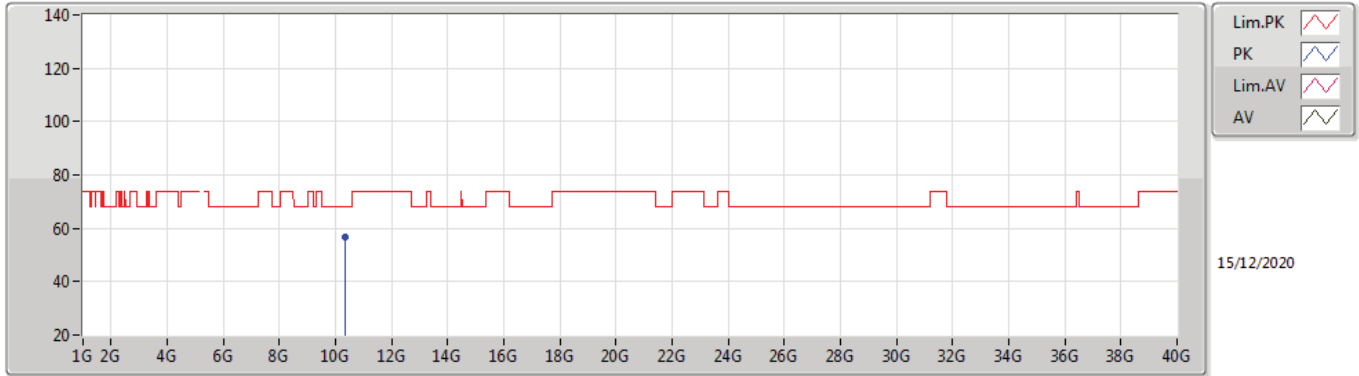


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	51.71	54.00	-2.29	9.58	3	Horizontal	274	2.97	-	42.13	31.99	6.77	29.18
AV	5.1854G	111.51	Inf	-Inf	9.47	3	Horizontal	274	2.97	-	102.04	31.86	6.79	29.18
PK	5.1484G	73.58	74.00	-0.42	9.59	3	Horizontal	274	2.97	-	63.99	32.00	6.77	29.18
PK	5.185G	120.14	Inf	-Inf	9.47	3	Horizontal	274	2.97	-	110.67	31.86	6.79	29.18



802.11ac VHT20\_Nss1,(MCS0)\_4TX

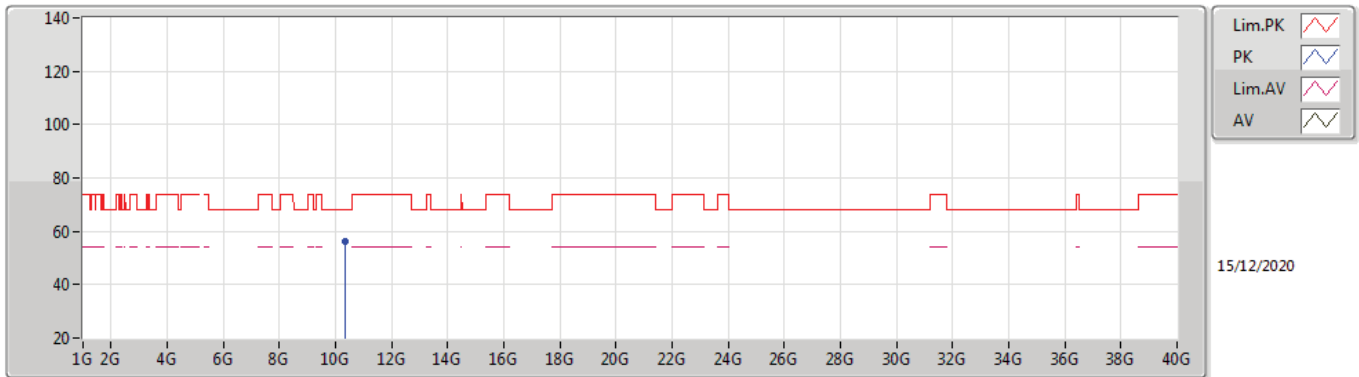
5180MHz\_TX



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)
PK	10.36089G	56.52	68.20	-11.68	18.05	3	Vertical	136	1.17	-	38.47	39.44	8.96	30.35

802.11ac VHT20\_Nss1,(MCS0)\_4TX

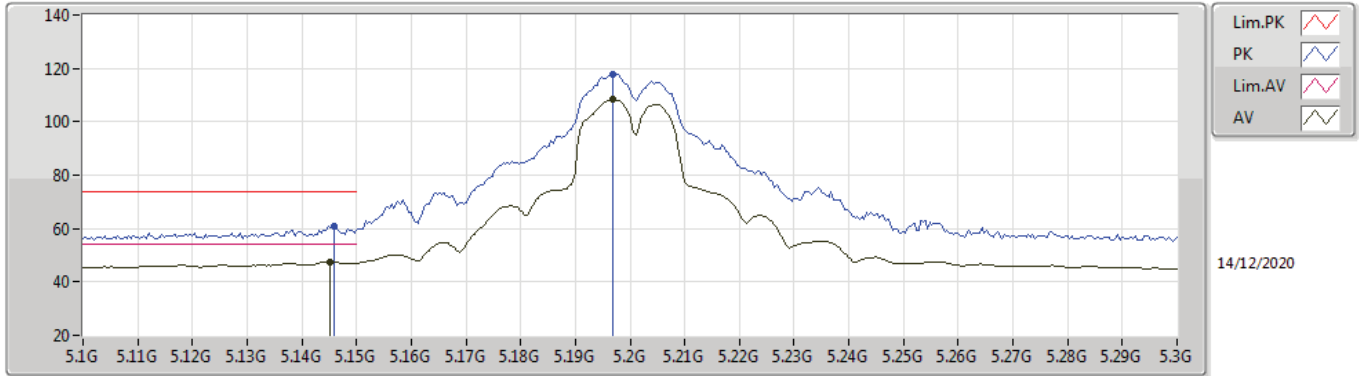
5180MHz\_TX



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)
PK	10.36236G	56.33	68.20	-11.87	18.06	3	Horizontal	323	1.30	-	38.27	39.45	8.96	30.35

**802.11ac VHT20\_Nss1,(MCS0)\_4TX**

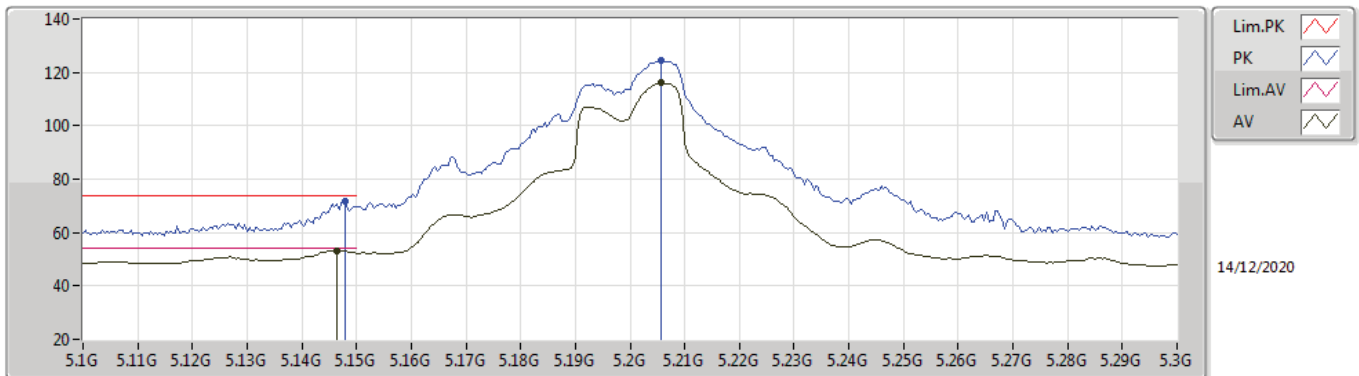
**5200MHz\_TX**



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	5.1452G	47.51	54.00	-6.49	9.58	3	Vertical	0	2.92	-	37.93	31.99	6.77	29.18
AV	5.1968G	108.30	Inf	-Inf	9.43	3	Vertical	0	2.92	-	98.87	31.81	6.80	29.18
PK	5.146G	61.08	74.00	-12.92	9.58	3	Vertical	0	2.92	-	51.50	31.99	6.77	29.18
PK	5.1968G	117.66	Inf	-Inf	9.43	3	Vertical	0	2.92	-	108.23	31.81	6.80	29.18

**802.11ac VHT20\_Nss1,(MCS0)\_4TX**

**5200MHz\_TX**



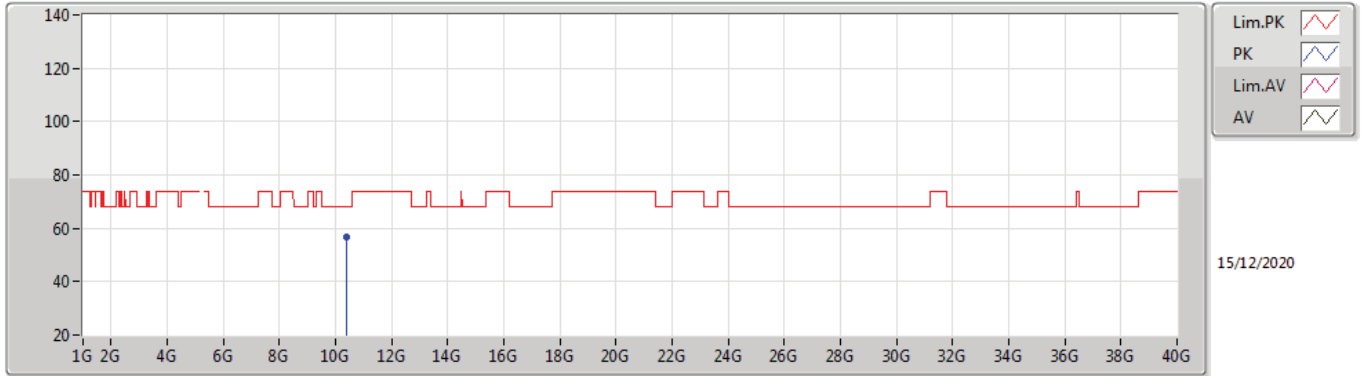
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1464G	53.32	54.00	-0.68	9.58	3	Horizontal	273	3.00	-	43.74	31.99	6.77	29.18
AV	5.2056G	115.99	Inf	-Inf	9.38	3	Horizontal	273	3.00	-	106.61	31.76	6.80	29.18
PK	5.148G	71.73	74.00	-2.27	9.59	3	Horizontal	273	3.00	-	62.14	32.00	6.77	29.18
PK	5.2056G	124.46	Inf	-Inf	9.38	3	Horizontal	273	3.00	-	115.08	31.76	6.80	29.18





802.11ac VHT20\_Nss1,(MCS0)\_4TX

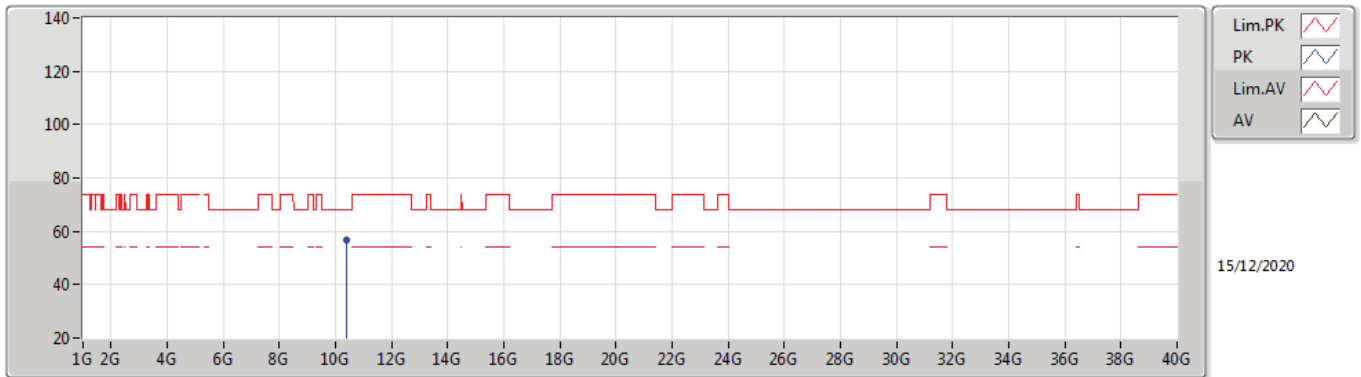
5200MHz\_TX



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)
PK	10.39767G	56.90	68.20	-11.30	18.21	3	Vertical	349	1.87	-	38.69	39.59	8.98	30.36

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5200MHz\_TX

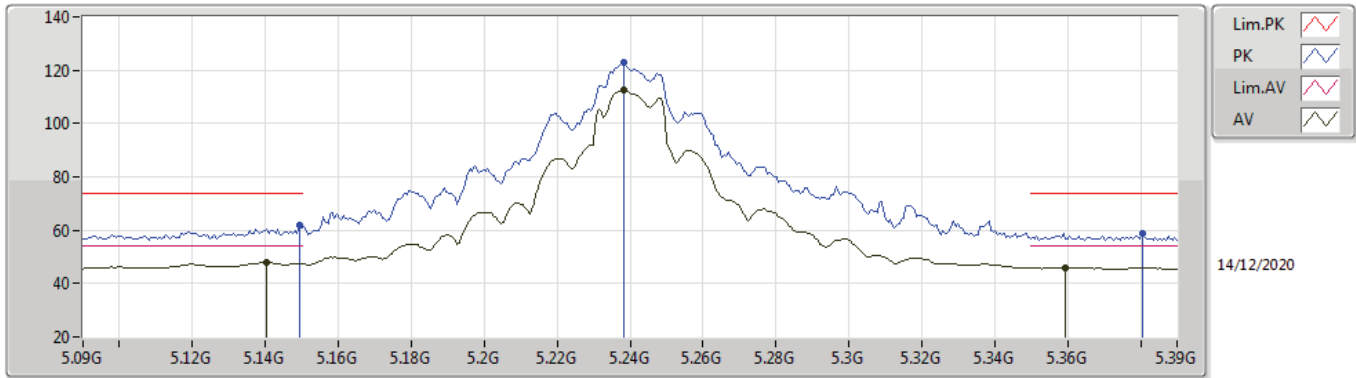


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.402G	56.66	68.20	-11.54	18.22	3	Horizontal	147	1.03	-	38.44	39.60	8.98	30.36



802.11ac VHT20\_Nss1,(MCS0)\_4TX

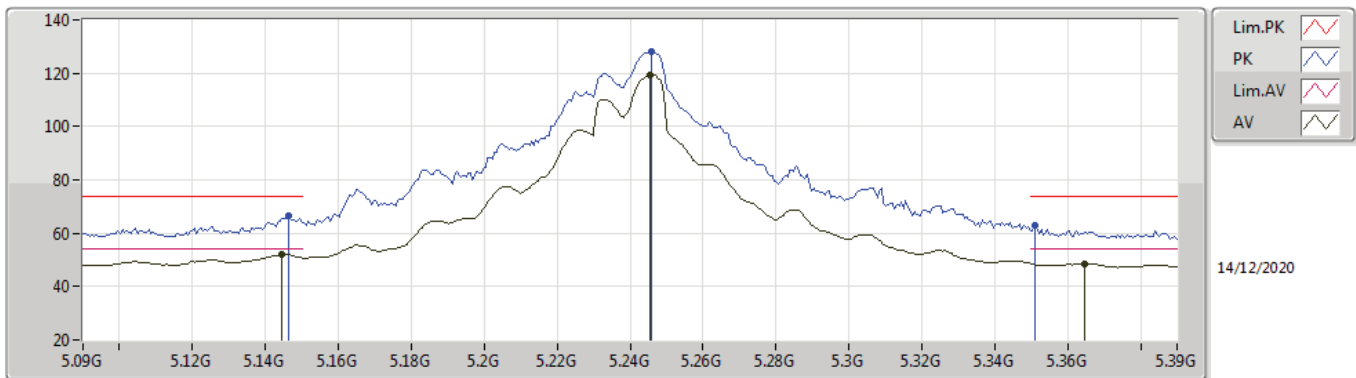
5240MHz\_TX



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	5.1404G	47.88	54.00	-6.12	9.57	3	Vertical	48	2.71	-	38.31	31.98	6.77	29.18
AV	5.2382G	112.57	Inf	-Inf	9.11	3	Vertical	48	2.71	-	103.46	31.49	6.80	29.18
AV	5.3594G	46.03	54.00	-7.97	8.79	3	Vertical	48	2.71	-	37.24	31.18	6.80	29.19
PK	5.1494G	61.64	74.00	-12.36	9.59	3	Vertical	48	2.71	-	52.05	32.00	6.77	29.18
PK	5.2382G	122.87	Inf	-Inf	9.11	3	Vertical	48	2.71	-	113.76	31.49	6.80	29.18
PK	5.3804G	58.89	74.00	-15.11	8.95	3	Vertical	48	2.71	-	49.94	31.34	6.80	29.19

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5240MHz\_TX

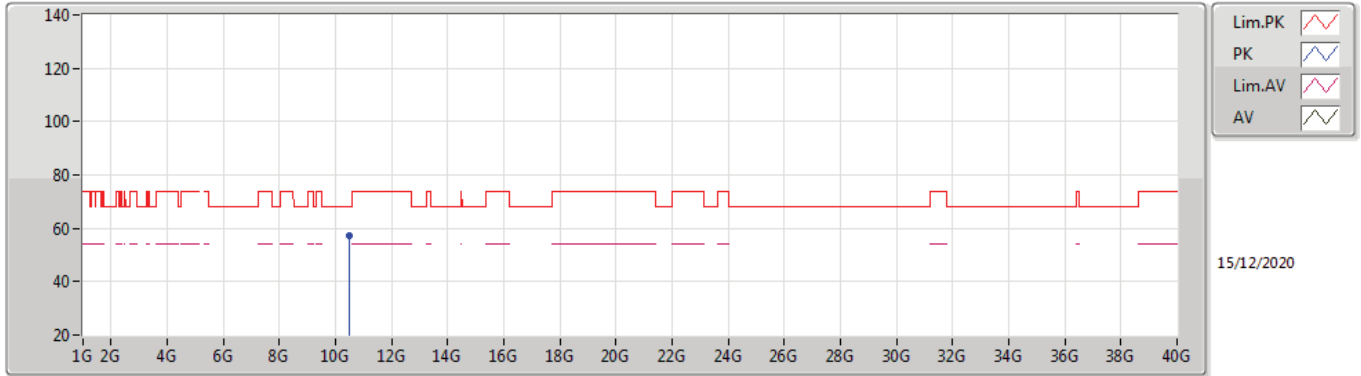


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1446G	52.03	54.00	-1.97	9.58	3	Horizontal	274	2.92	-	42.45	31.99	6.77	29.18
AV	5.2454G	119.31	Inf	-Inf	9.06	3	Horizontal	274	2.92	-	110.25	31.44	6.80	29.18
AV	5.3648G	48.54	54.00	-5.46	8.83	3	Horizontal	274	2.92	-	39.71	31.22	6.80	29.19
PK	5.1464G	66.38	74.00	-7.62	9.58	3	Horizontal	274	2.92	-	56.80	31.99	6.77	29.18
PK	5.246G	128.15	Inf	-Inf	9.05	3	Horizontal	274	2.92	-	119.10	31.43	6.80	29.18
PK	5.351G	62.84	74.00	-11.16	8.72	3	Horizontal	274	2.92	-	54.12	31.11	6.80	29.19



802.11ac VHT20\_Nss1,(MCS0)\_4TX

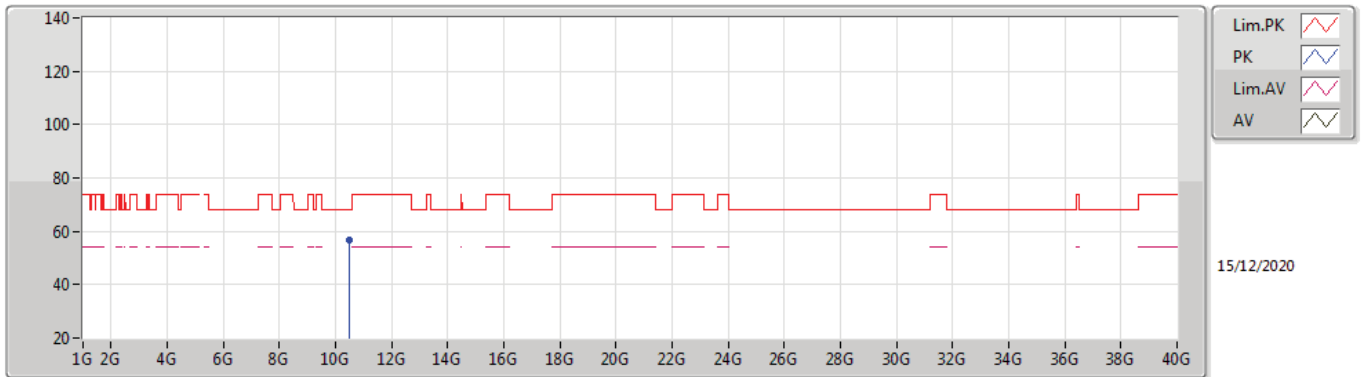
5240MHz\_TX



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)
PK	10.47208G	57.06	68.20	-11.14	18.30	3	Vertical	18	1.56	-	38.76	39.67	9.01	30.38

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5240MHz\_TX

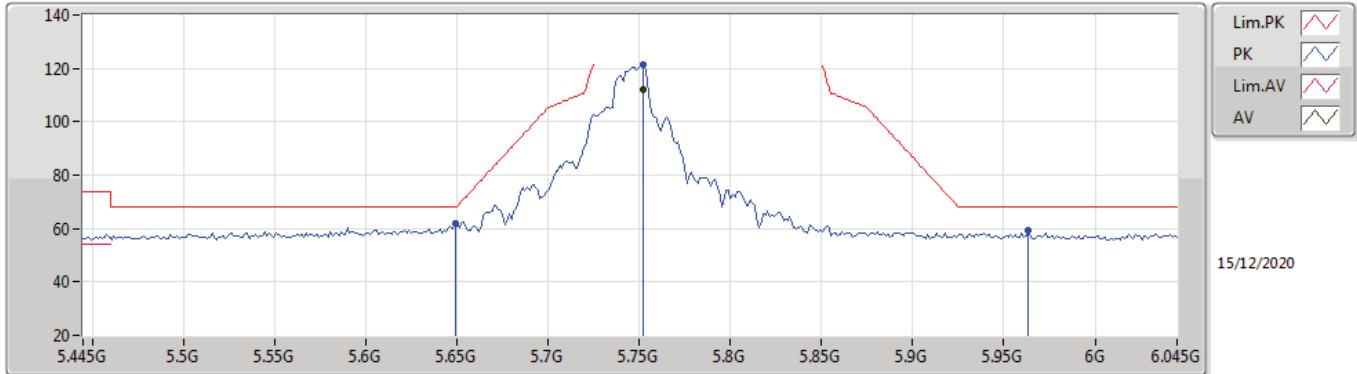


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.47632G	56.93	68.20	-11.27	18.31	3	Horizontal	147	1.87	-	38.62	39.68	9.01	30.38



802.11ac VHT20\_Nss1,(MCS0)\_4TX

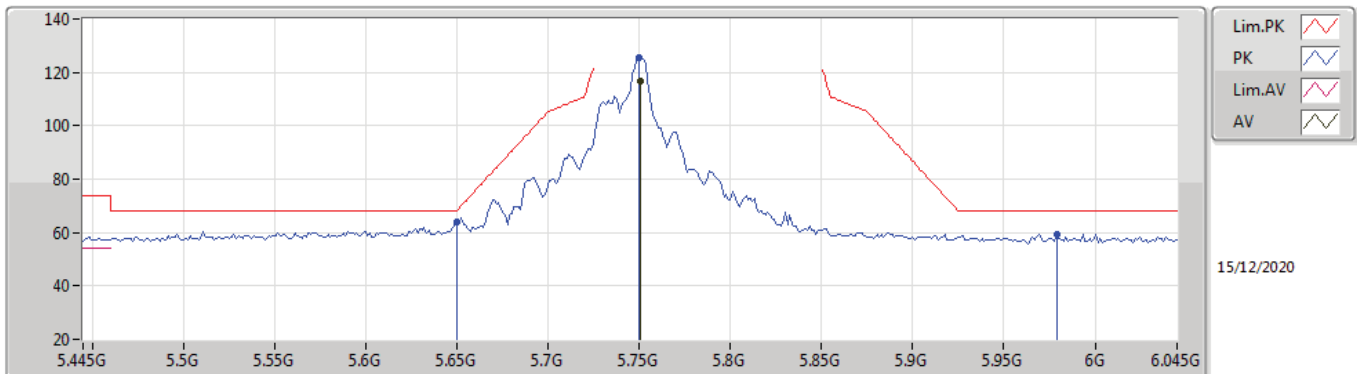
5745MHz\_TX



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	5.7522G	112.07	Inf	-Inf	9.69	3	Vertical	50	3.00	-	102.38	32.00	6.98	29.29
PK	5.649G	62.15	68.20	-6.05	9.37	3	Vertical	50	3.00	-	52.78	31.70	6.92	29.25
PK	5.7522G	121.53	Inf	-Inf	9.69	3	Vertical	50	3.00	-	111.84	32.00	6.98	29.29
PK	5.9634G	59.09	68.20	-9.11	10.09	3	Vertical	50	3.00	-	49.00	32.37	7.08	29.36

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5745MHz\_TX

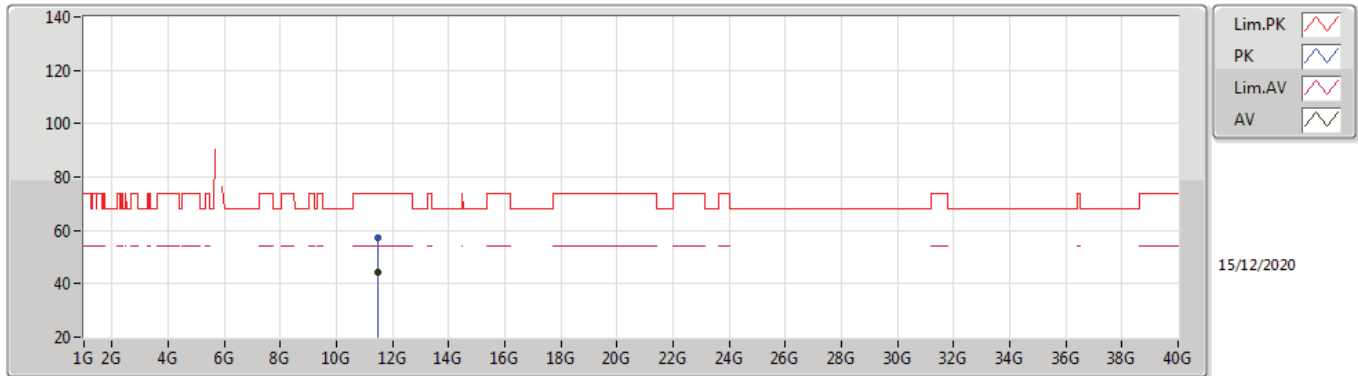


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.751G	116.65	Inf	-Inf	9.69	3	Horizontal	272	2.49	-	106.96	32.00	6.98	29.29
PK	5.6502G	64.12	68.35	-4.23	9.38	3	Horizontal	272	2.49	-	54.74	31.70	6.93	29.25
PK	5.7498G	125.41	Inf	-Inf	9.69	3	Horizontal	272	2.49	-	115.72	32.00	6.97	29.28
PK	5.979G	59.50	68.20	-8.70	10.07	3	Horizontal	272	2.49	-	49.43	32.34	7.09	29.36



802.11ac VHT20\_Nss1,(MCS0)\_4TX

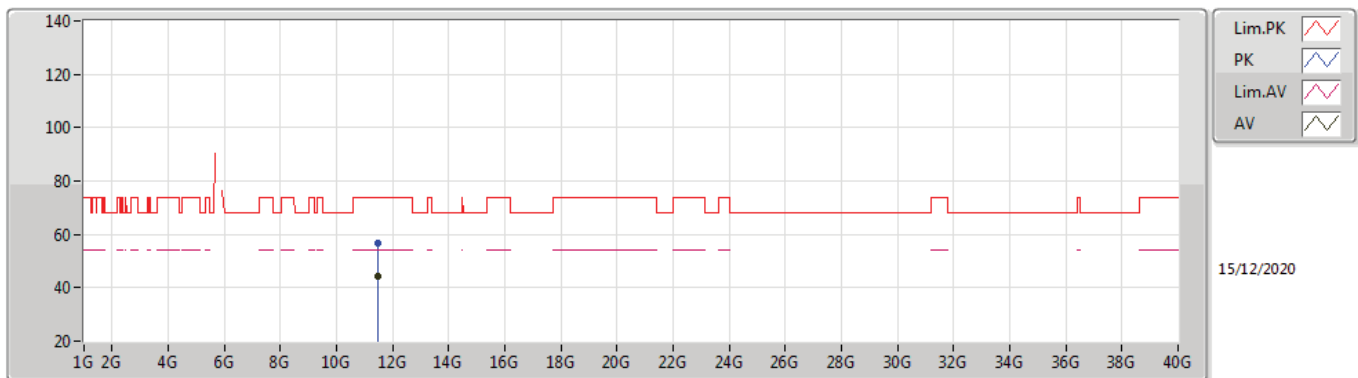
5745MHz\_TX



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	11.49209G	44.14	54.00	-9.86	19.08	3	Vertical	272	2.07	-	25.06	39.99	9.47	30.38
PK	11.4923G	57.06	74.00	-16.94	19.08	3	Vertical	272	2.07	-	37.98	39.99	9.47	30.38

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5745MHz\_TX

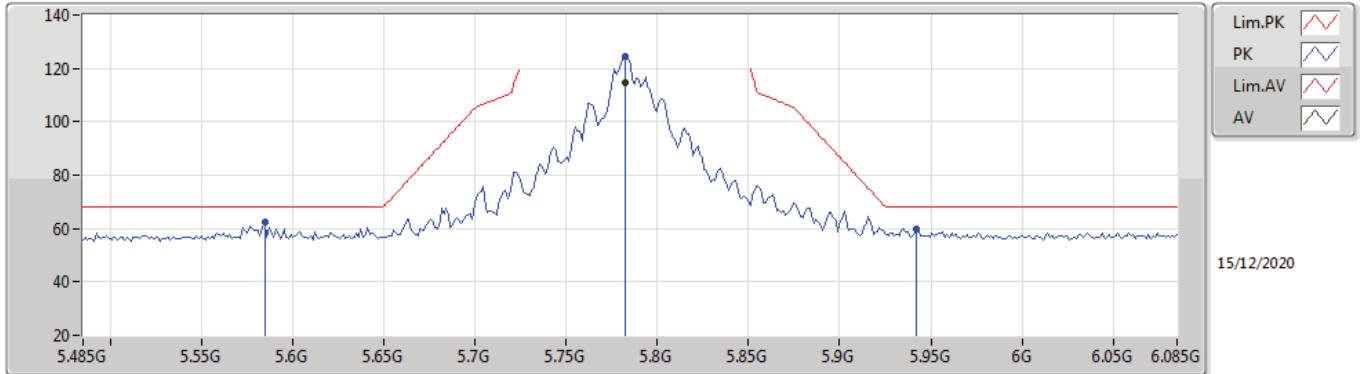


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.49222G	44.14	54.00	-9.86	19.08	3	Horizontal	142	1.03	-	25.06	39.99	9.47	30.38
PK	11.49175G	56.59	74.00	-17.41	19.08	3	Horizontal	142	1.03	-	37.51	39.99	9.47	30.38



802.11ac VHT20\_Nss1,(MCS0)\_4TX

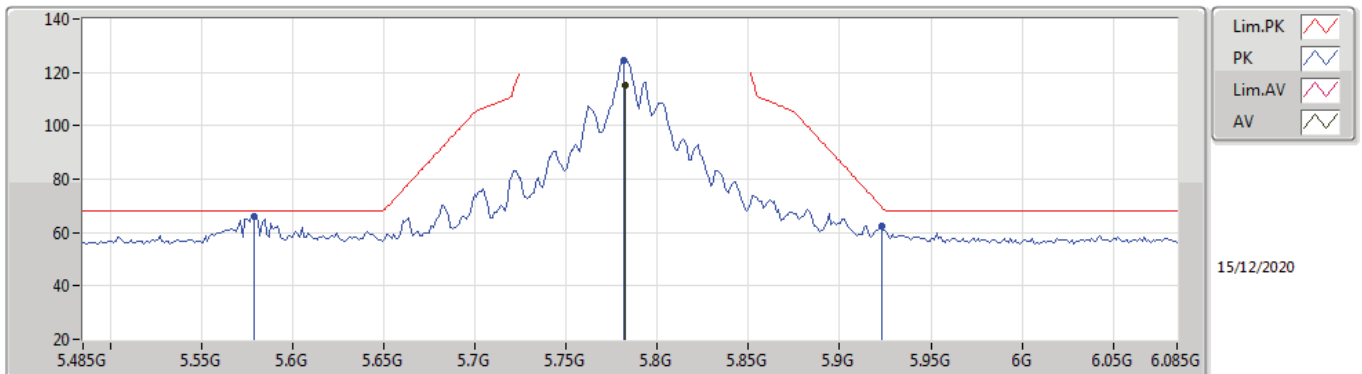
5785MHz\_TX



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	5.7826G	114.82	Inf	-Inf	9.69	3	Vertical	51	1.97	-	105.13	32.00	6.99	29.30
PK	5.5846G	62.19	68.20	-6.01	9.53	3	Vertical	51	1.97	-	52.66	31.87	6.89	29.23
PK	5.7826G	124.26	Inf	-Inf	9.69	3	Vertical	51	1.97	-	114.57	32.00	6.99	29.30
PK	5.9422G	59.96	68.20	-8.24	10.09	3	Vertical	51	1.97	-	49.87	32.37	7.07	29.35

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5785MHz\_TX

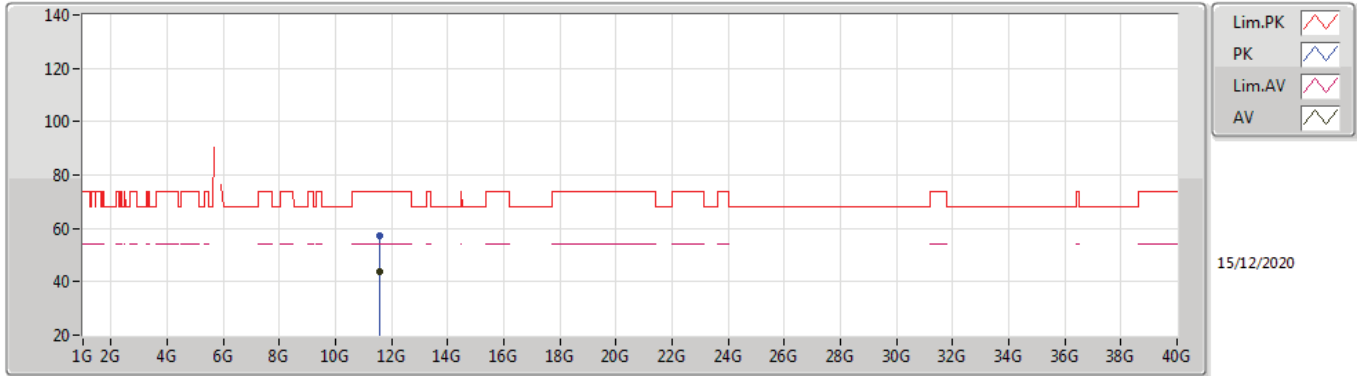


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7826G	115.25	Inf	-Inf	9.69	3	Horizontal	291	1.67	-	105.56	32.00	6.99	29.30
PK	5.5786G	66.04	68.20	-2.16	9.52	3	Horizontal	291	1.67	-	56.52	31.86	6.89	29.23
PK	5.7814G	124.53	Inf	-Inf	9.69	3	Horizontal	291	1.67	-	114.84	32.00	6.99	29.30
PK	5.923G	62.27	69.68	-7.41	10.01	3	Horizontal	291	1.67	-	52.26	32.29	7.06	29.34



802.11ac VHT20\_Nss1,(MCS0)\_4TX

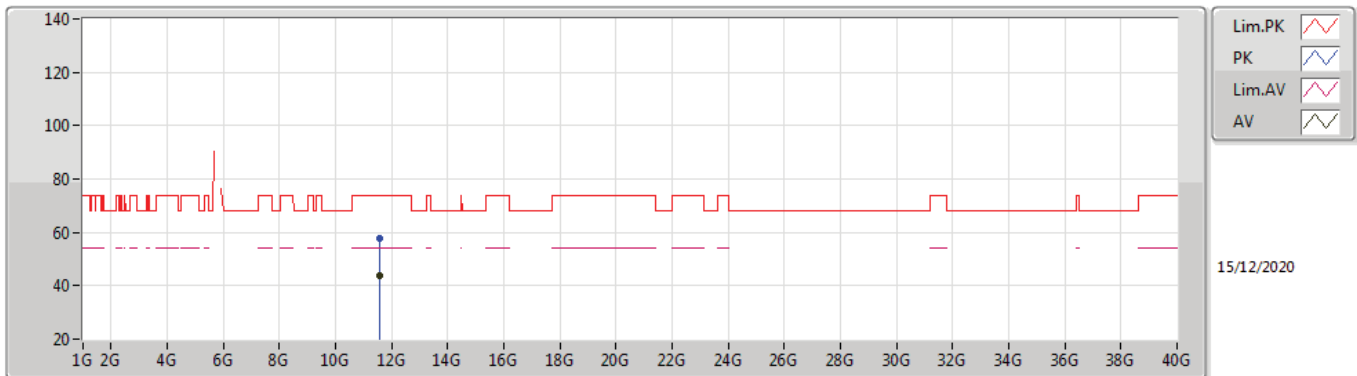
5785MHz\_TX



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	11.56769G	44.05	54.00	-9.95	19.08	3	Vertical	130	1.75	-	24.97	39.93	9.51	30.36
PK	11.56778G	57.14	74.00	-16.86	19.08	3	Vertical	130	1.75	-	38.06	39.93	9.51	30.36

802.11ac VHT20\_Nss1,(MCS0)\_4TX

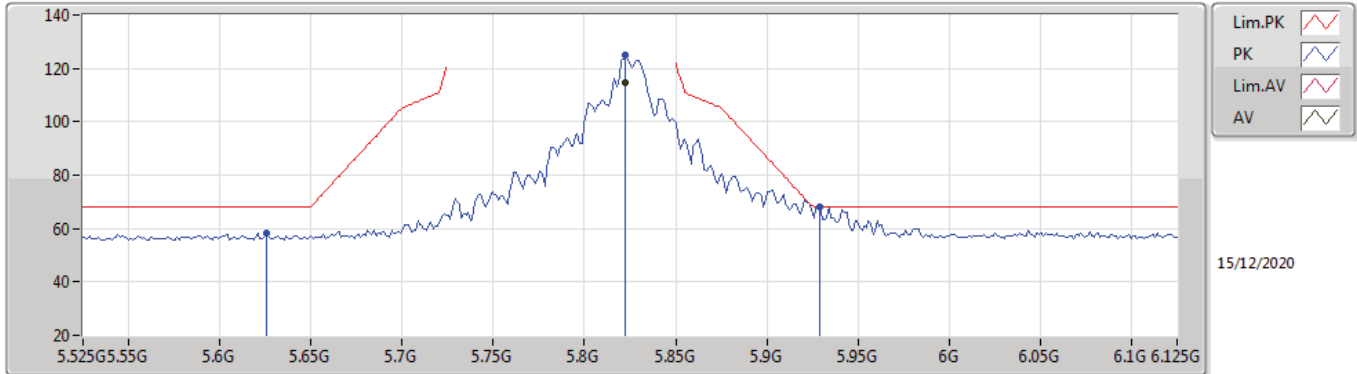
5785MHz\_TX



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	11.56777G	44.05	54.00	-9.95	19.08	3	Horizontal	181	2.02	-	24.97	39.93	9.51	30.36
PK	11.57243G	57.59	74.00	-16.41	19.08	3	Horizontal	181	2.02	-	38.51	39.93	9.51	30.36

802.11ac VHT20\_Nss1,(MCS0)\_4TX

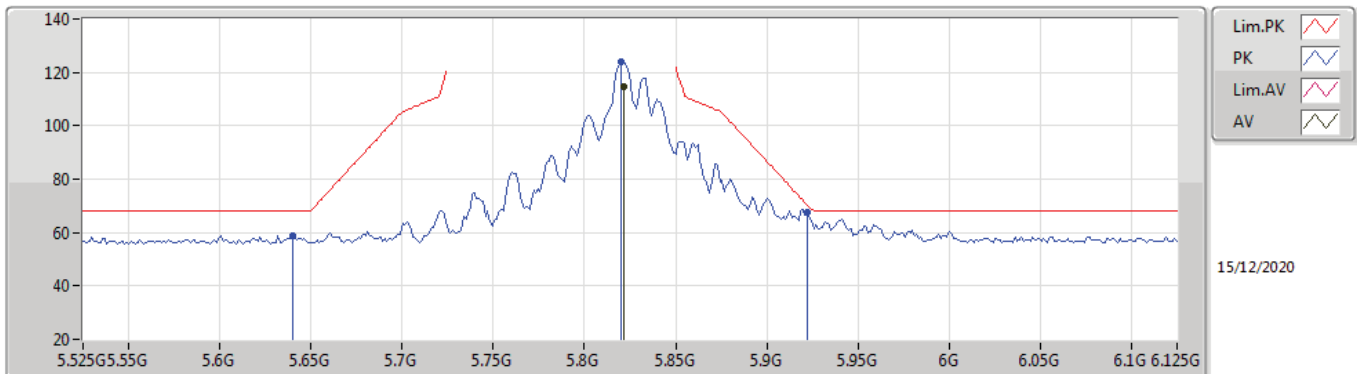
5825MHz\_TX



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	5.8226G	114.41	Inf	-Inf	9.75	3	Vertical	69	2.72	-	104.66	32.05	7.01	29.31
PK	5.6258G	58.04	68.20	-10.16	9.47	3	Vertical	69	2.72	-	48.57	31.80	6.91	29.24
PK	5.8226G	124.79	Inf	-Inf	9.75	3	Vertical	69	2.72	-	115.04	32.05	7.01	29.31
PK	5.9294G	68.12	68.20	-0.08	10.03	3	Vertical	69	2.72	-	58.09	32.32	7.06	29.35

802.11ac VHT20\_Nss1,(MCS0)\_4TX

5825MHz\_TX



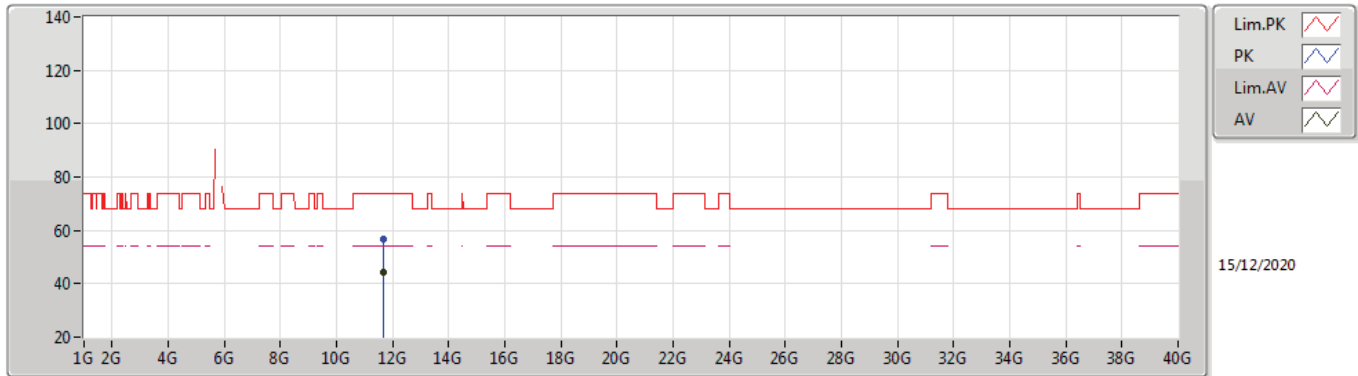
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8214G	114.66	Inf	-Inf	9.74	3	Horizontal	295	1.60	-	104.92	32.04	7.01	29.31
PK	5.6402G	58.71	68.20	-9.49	9.41	3	Horizontal	295	1.60	-	49.30	31.74	6.92	29.25
PK	5.8202G	123.89	Inf	-Inf	9.74	3	Horizontal	295	1.60	-	114.15	32.04	7.01	29.31
PK	5.9222G	67.47	70.27	-2.80	10.01	3	Horizontal	295	1.60	-	57.46	32.29	7.06	29.34





802.11ac VHT20\_Nss1,(MCS0)\_4TX

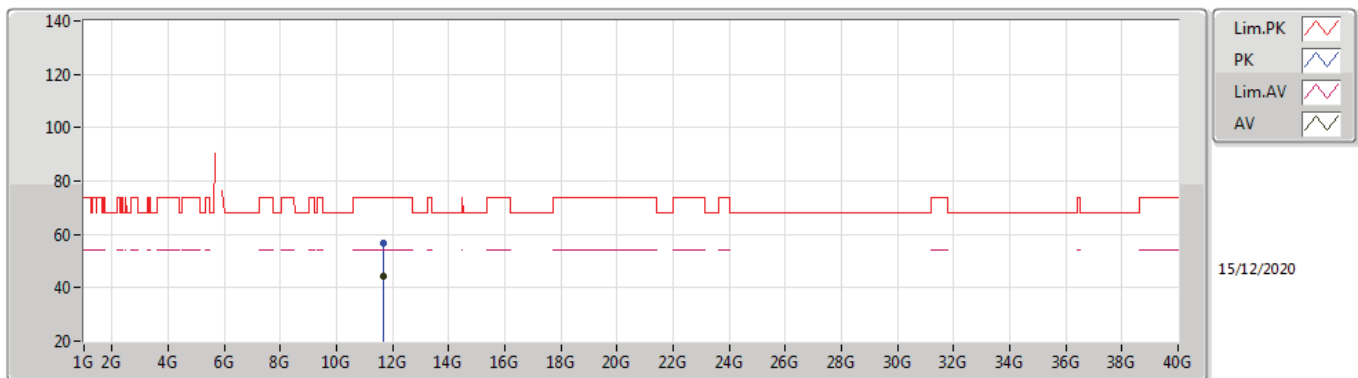
5825MHz\_TX



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	11.64756G	44.18	54.00	-9.82	18.82	3	Vertical	15	1.34	-	25.36	39.61	9.54	30.33
PK	11.65008G	56.76	74.00	-17.24	18.81	3	Vertical	15	1.34	-	37.95	39.60	9.54	30.33

802.11ac VHT20\_Nss1,(MCS0)\_4TX

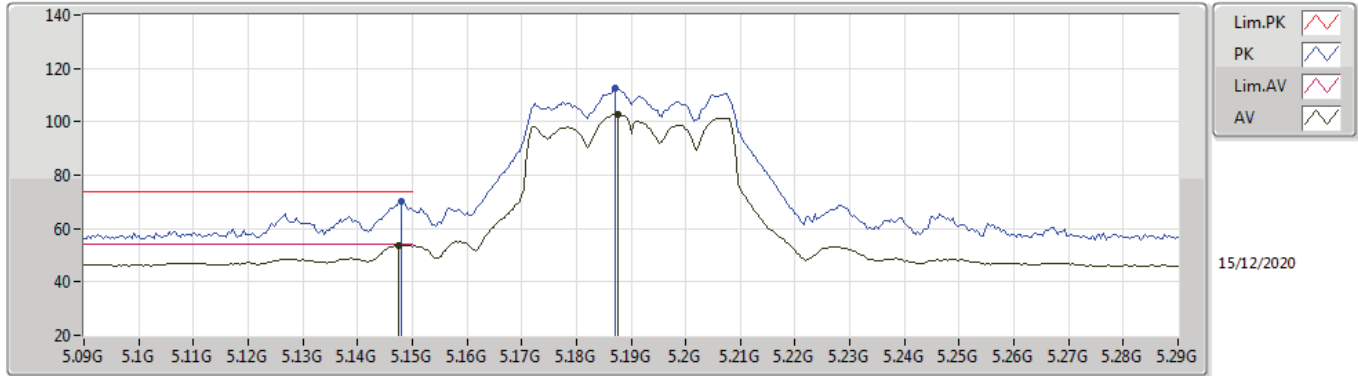
5825MHz\_TX



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	11.64837G	44.18	54.00	-9.82	18.82	3	Horizontal	281	1.99	-	25.36	39.61	9.54	30.33
PK	11.65154G	56.65	74.00	-17.35	18.80	3	Horizontal	281	1.99	-	37.85	39.59	9.54	30.33

**802.11ac VHT40\_Nss1,(MCS0)\_4TX**

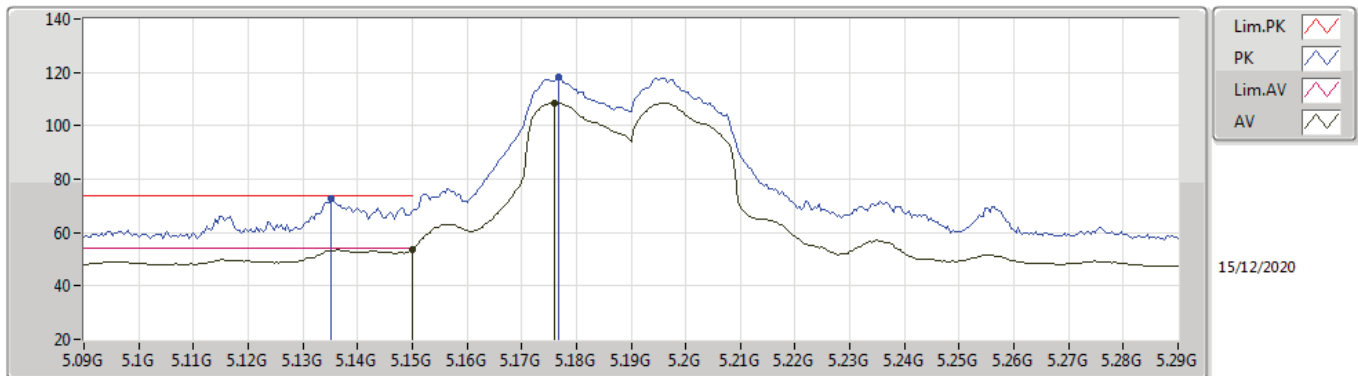
**5190MHz\_TX**



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	5.1476G	53.84	54.00	-0.16	9.59	3	Vertical	44	2.71	-	44.25	32.00	6.77	29.18
AV	5.1876G	102.78	Inf	-Inf	9.46	3	Vertical	44	2.71	-	93.32	31.85	6.79	29.18
PK	5.148G	70.40	74.00	-3.60	9.59	3	Vertical	44	2.71	-	60.81	32.00	6.77	29.18
PK	5.1872G	112.39	Inf	-Inf	9.46	3	Vertical	44	2.71	-	102.93	31.85	6.79	29.18

**802.11ac VHT40\_Nss1,(MCS0)\_4TX**

**5190MHz\_TX**

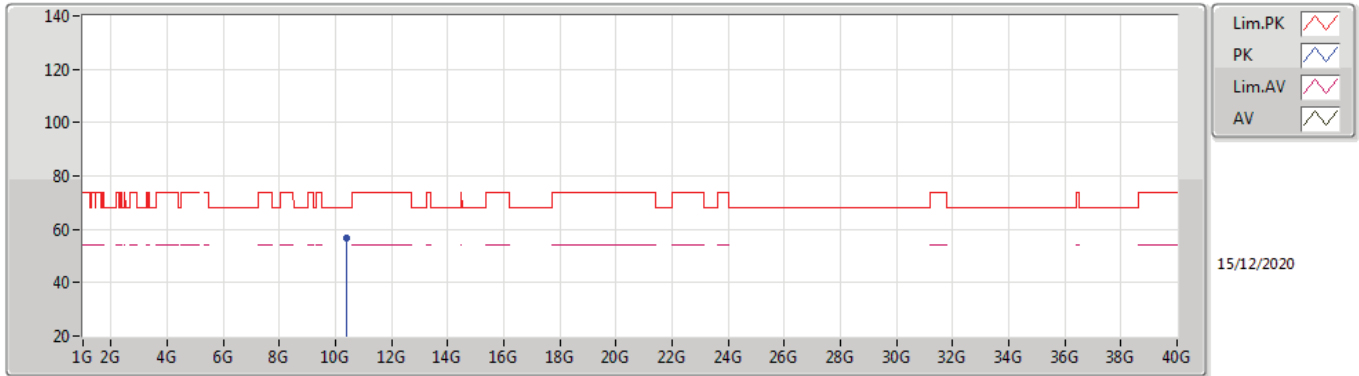


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.77	54.00	-0.23	9.60	3	Horizontal	272	2.96	-	44.17	32.00	6.78	29.18
AV	5.176G	108.64	Inf	-Inf	9.51	3	Horizontal	272	2.96	-	99.13	31.90	6.79	29.18
PK	5.1352G	72.59	74.00	-1.41	9.56	3	Horizontal	272	2.96	-	63.03	31.97	6.77	29.18
PK	5.1768G	118.40	Inf	-Inf	9.50	3	Horizontal	272	2.96	-	108.90	31.89	6.79	29.18



802.11ac VHT40\_Nss1,(MCS0)\_4TX

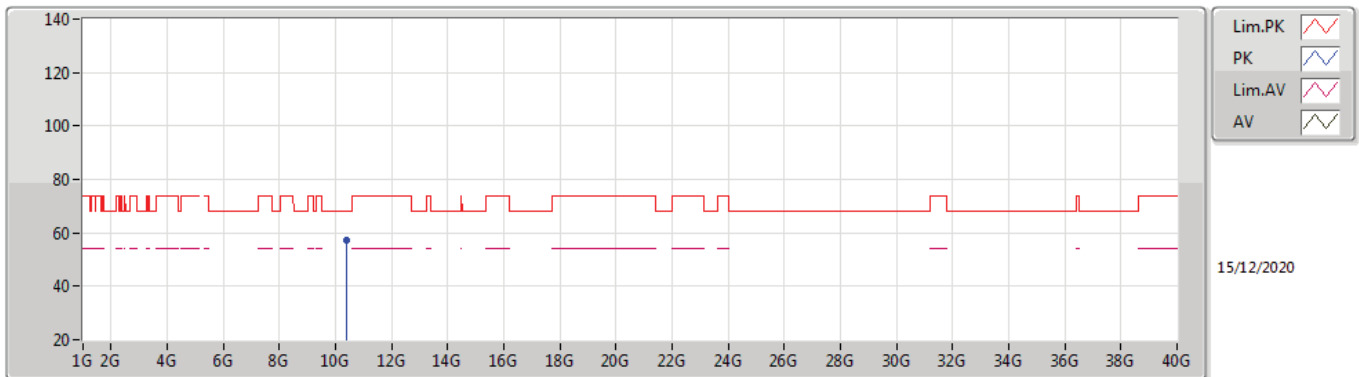
5190MHz\_TX



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)
PK	10.38172G	56.72	68.20	-11.48	18.15	3	Vertical	222	1.80	-	38.57	39.53	8.97	30.35

802.11ac VHT40\_Nss1,(MCS0)\_4TX

5190MHz\_TX

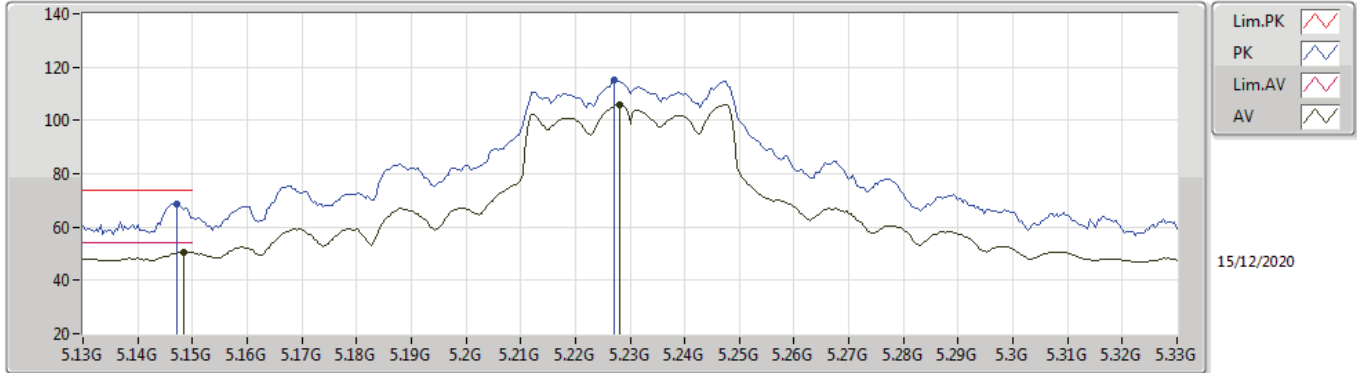


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.37792G	57.02	68.20	-11.18	18.13	3	Horizontal	201	1.79	-	38.89	39.51	8.97	30.35



802.11ac VHT40\_Nss1,(MCS0)\_4TX

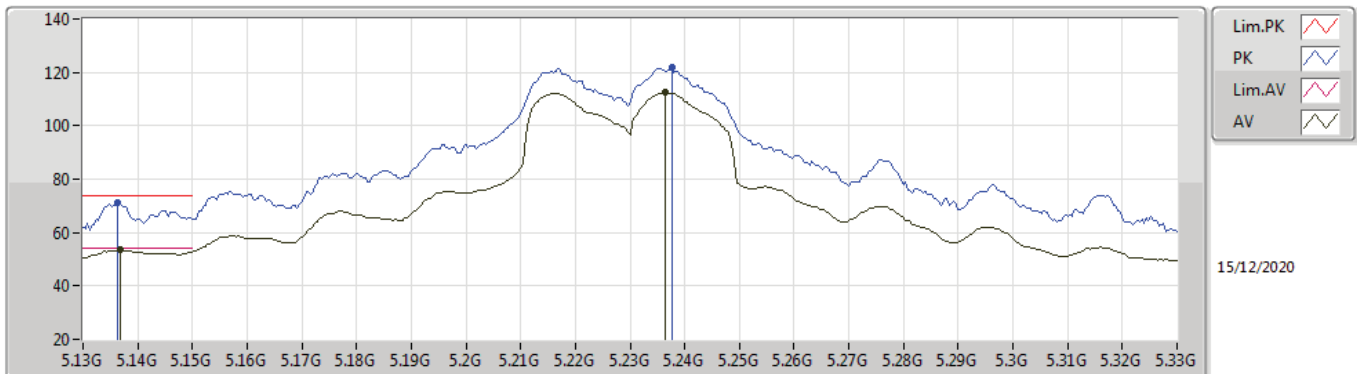
5230MHz\_TX



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	5.1484G	50.67	54.00	-3.33	9.59	3	Vertical	48	2.70	-	41.08	32.00	6.77	29.18
AV	5.228G	105.68	Inf	-Inf	9.20	3	Vertical	48	2.70	-	96.48	31.58	6.80	29.18
PK	5.1472G	68.50	74.00	-5.50	9.58	3	Vertical	48	2.70	-	58.92	31.99	6.77	29.18
PK	5.2272G	114.98	Inf	-Inf	9.20	3	Vertical	48	2.70	-	105.78	31.58	6.80	29.18

802.11ac VHT40\_Nss1,(MCS0)\_4TX

5230MHz\_TX

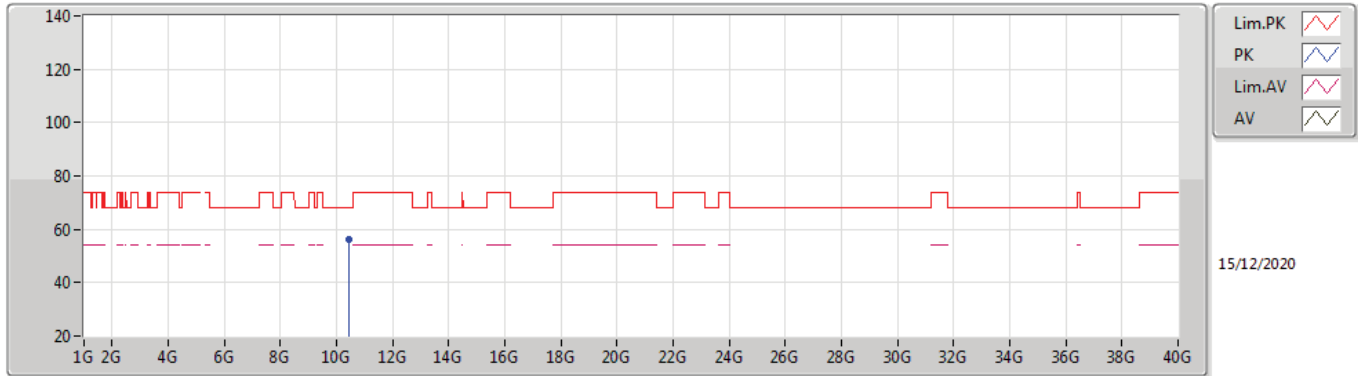


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1368G	53.58	54.00	-0.42	9.56	3	Horizontal	271	2.92	-	44.02	31.97	6.77	29.18
AV	5.2364G	112.44	Inf	-Inf	9.13	3	Horizontal	271	2.92	-	103.31	31.51	6.80	29.18
PK	5.1364G	71.42	74.00	-2.58	9.56	3	Horizontal	271	2.92	-	61.86	31.97	6.77	29.18
PK	5.2376G	121.70	Inf	-Inf	9.12	3	Horizontal	271	2.92	-	112.58	31.50	6.80	29.18



802.11ac VHT40\_Nss1,(MCS0)\_4TX

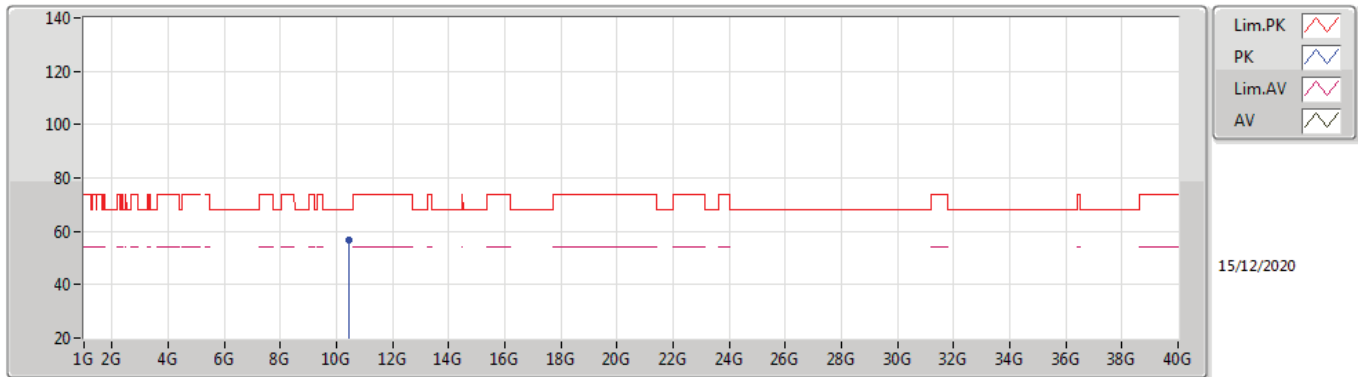
5230MHz\_TX



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)
PK	10.46032G	56.19	68.20	-12.01	18.29	3	Vertical	35	2.48	-	37.90	39.66	9.01	30.38

802.11ac VHT40\_Nss1,(MCS0)\_4TX

5230MHz\_TX

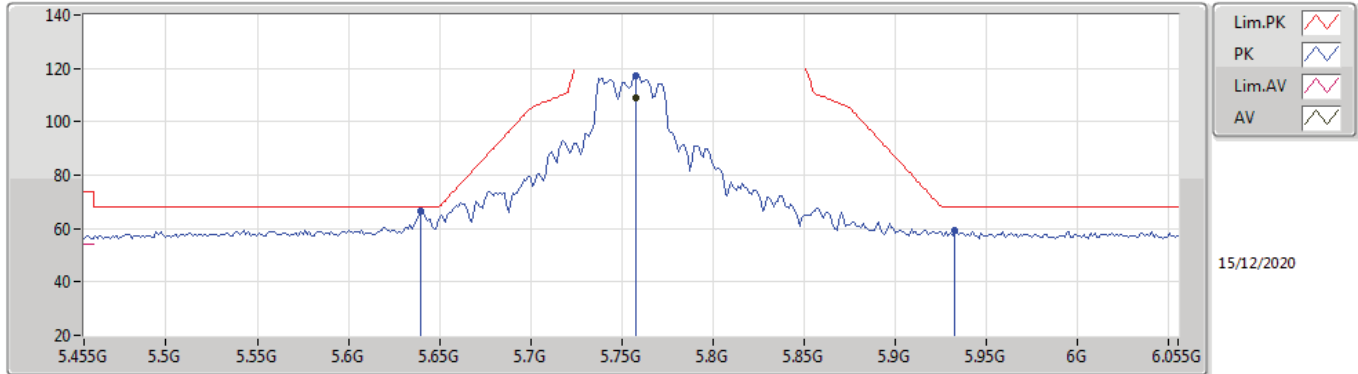


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.46056G	56.54	68.20	-11.66	18.29	3	Horizontal	282	1.97	-	38.25	39.66	9.01	30.38



802.11ac VHT40\_Nss1,(MCS0)\_4TX

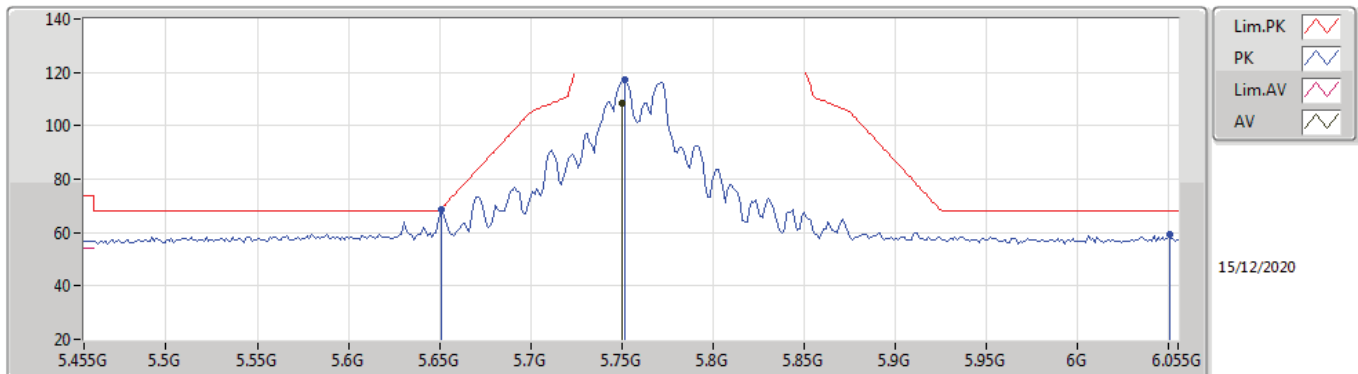
5755MHz\_TX



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	5.7574G	108.72	Inf	-Inf	9.69	3	Vertical	59	2.94	-	99.03	32.00	6.98	29.29
PK	5.6398G	66.76	68.20	-1.44	9.41	3	Vertical	59	2.94	-	57.35	31.74	6.92	29.25
PK	5.7574G	117.49	Inf	-Inf	9.69	3	Vertical	59	2.94	-	107.80	32.00	6.98	29.29
PK	5.9326G	59.18	68.20	-9.02	10.05	3	Vertical	59	2.94	-	49.13	32.33	7.07	29.35

802.11ac VHT40\_Nss1,(MCS0)\_4TX

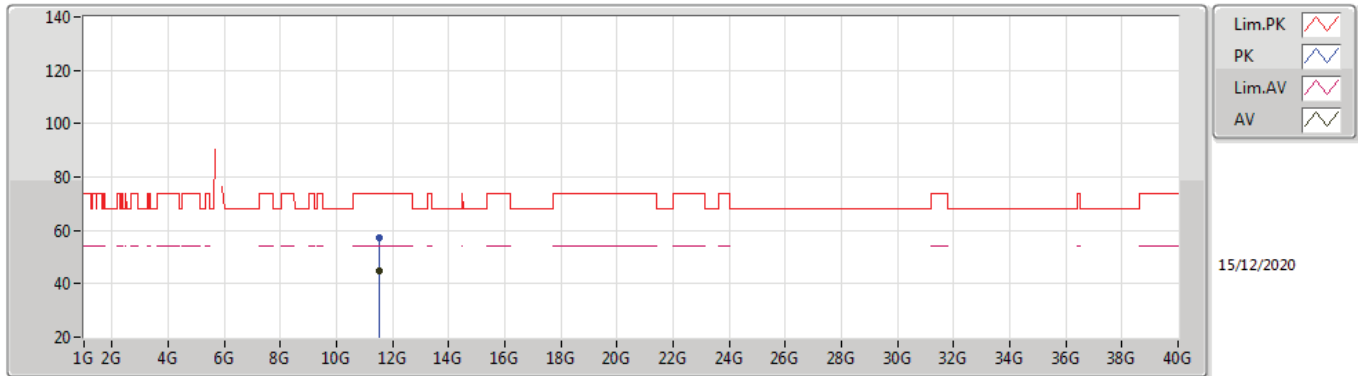
5755MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7502G	108.43	Inf	-Inf	9.69	3	Horizontal	296	1.69	-	98.74	32.00	6.98	29.29
PK	5.6506G	68.46	68.64	-0.18	9.38	3	Horizontal	296	1.69	-	59.08	31.70	6.93	29.25
PK	5.7514G	117.48	Inf	-Inf	9.69	3	Horizontal	296	1.69	-	107.79	32.00	6.98	29.29
PK	6.0502G	59.11	68.20	-9.09	10.33	3	Horizontal	296	1.69	-	48.78	32.60	7.13	29.40

### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

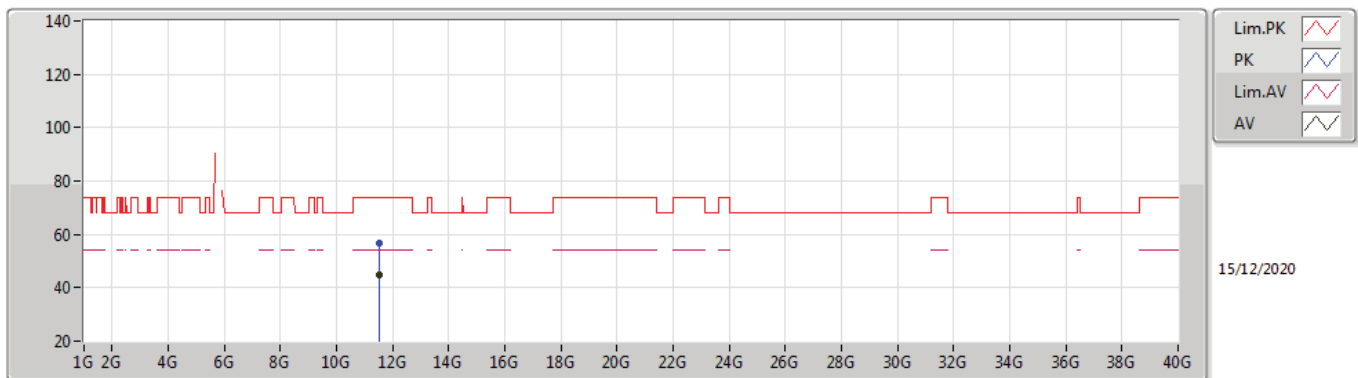
#### 5755MHz\_TX



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	11.50895G	44.66	54.00	-9.34	19.09	3	Vertical	72	1.72	-	25.57	39.99	9.48	30.38
PK	11.51162G	57.29	74.00	-16.71	19.09	3	Vertical	72	1.72	-	38.20	39.99	9.48	30.38

### 802.11ac VHT40\_Nss1,(MCS0)\_4TX

#### 5755MHz\_TX

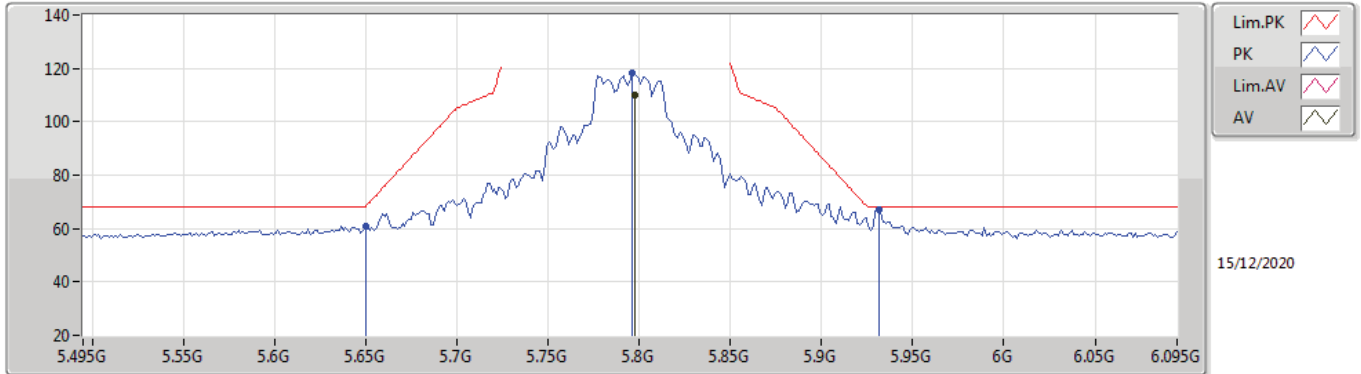


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.51035G	44.67	54.00	-9.33	19.09	3	Horizontal	237	1.66	-	25.58	39.99	9.48	30.38
PK	11.50771G	56.52	74.00	-17.48	19.09	3	Horizontal	237	1.66	-	37.43	39.99	9.48	30.38



802.11ac VHT40\_Nss1,(MCS0)\_4TX

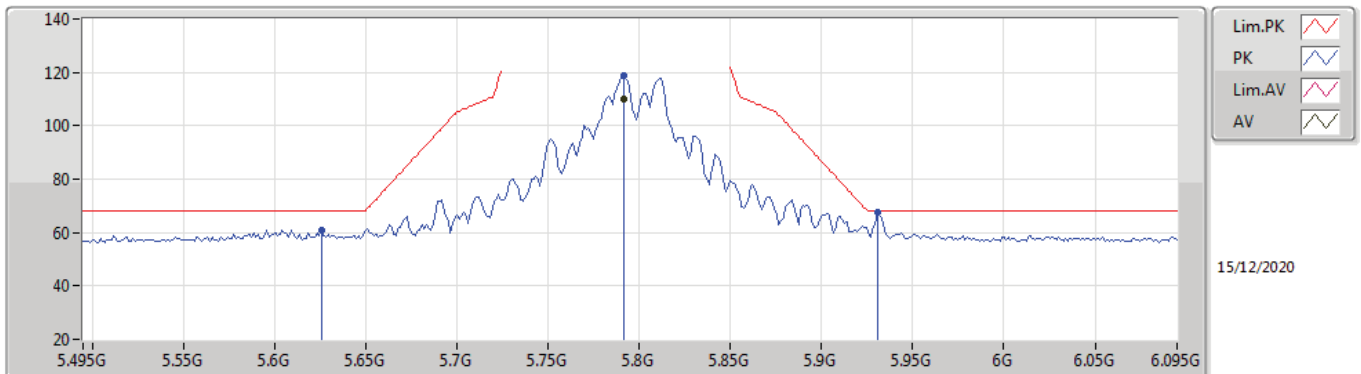
5795MHz\_TX



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	5.7974G	110.01	Inf	-Inf	9.70	3	Vertical	60	2.78	-	100.31	32.00	7.00	29.30
PK	5.6498G	61.01	68.20	-7.19	9.37	3	Vertical	60	2.78	-	51.64	31.70	6.92	29.25
PK	5.7962G	118.15	Inf	-Inf	9.70	3	Vertical	60	2.78	-	108.45	32.00	7.00	29.30
PK	5.9318G	67.26	68.20	-0.94	10.05	3	Vertical	60	2.78	-	57.21	32.33	7.07	29.35

802.11ac VHT40\_Nss1,(MCS0)\_4TX

5795MHz\_TX



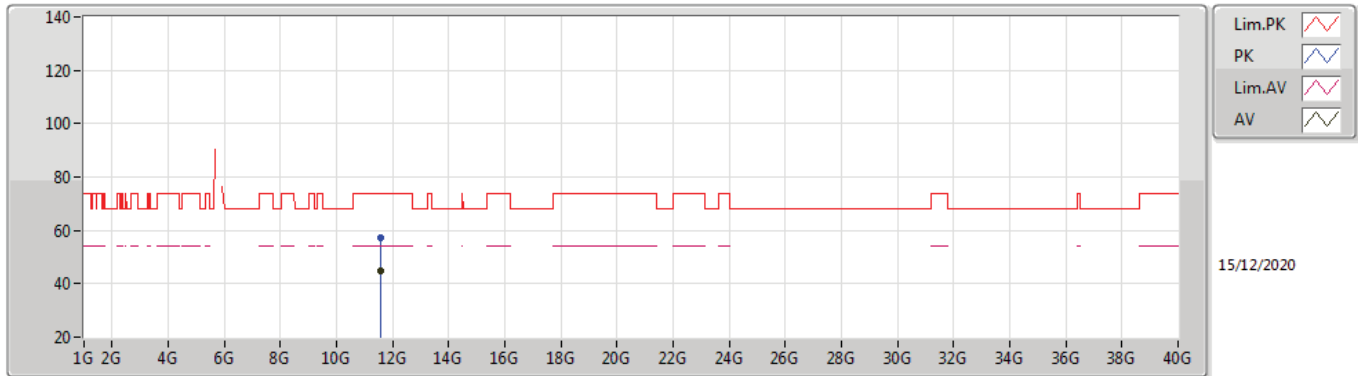
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AV	5.7914G	110.03	Inf	-Inf	9.70	3	Horizontal	295	1.69	-	100.33	32.00	7.00	29.30
PK	5.6258G	61.06	68.20	-7.14	9.47	3	Horizontal	295	1.69	-	51.59	31.80	6.91	29.24
PK	5.7914G	118.87	Inf	-Inf	9.70	3	Horizontal	295	1.69	-	109.17	32.00	7.00	29.30
PK	5.9306G	67.72	68.20	-0.48	10.04	3	Horizontal	295	1.69	-	57.68	32.32	7.07	29.35





802.11ac VHT40\_Nss1,(MCS0)\_4TX

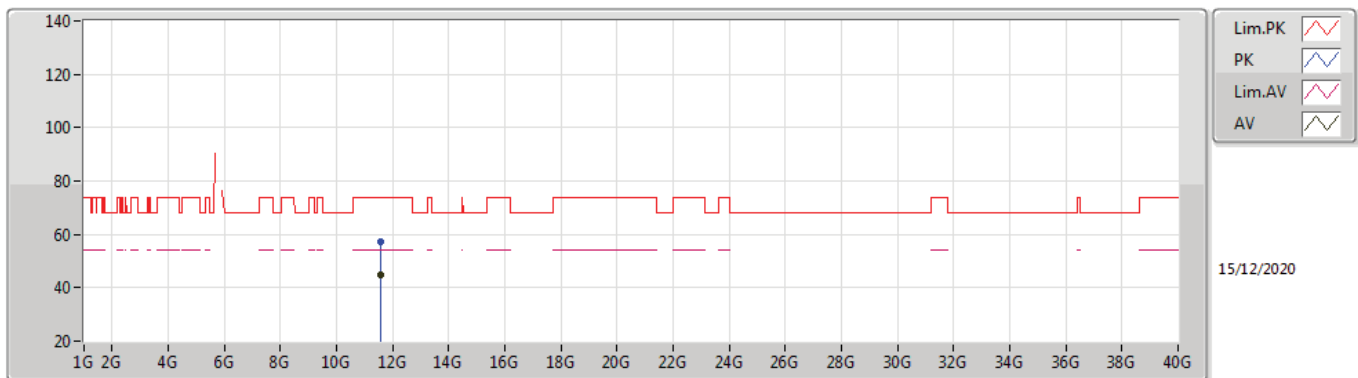
5795MHz\_TX



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	11.58889G	44.80	54.00	-9.20	19.08	3	Vertical	64	1.11	-	25.72	39.91	9.52	30.35
PK	11.5906G	57.18	74.00	-16.82	19.08	3	Vertical	64	1.11	-	38.10	39.91	9.52	30.35

802.11ac VHT40\_Nss1,(MCS0)\_4TX

5795MHz\_TX

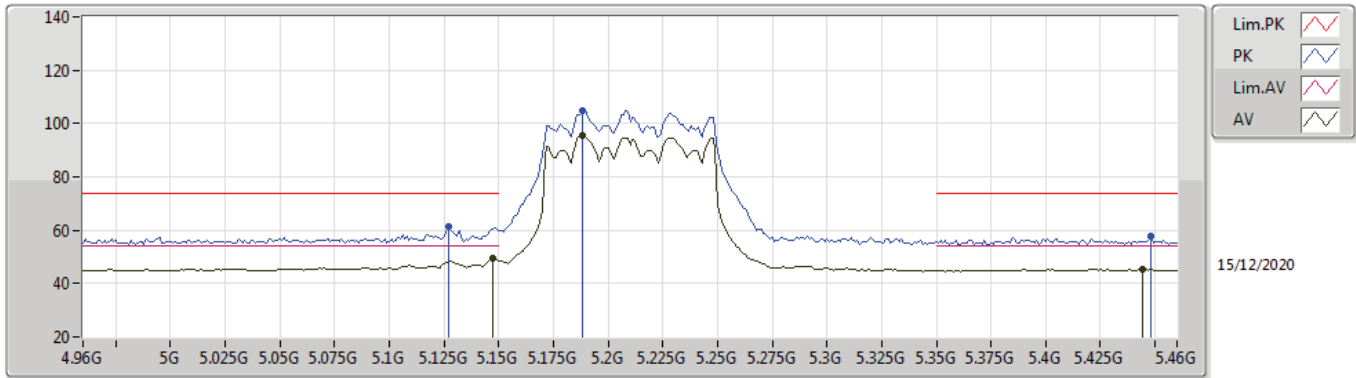


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.5908G	45.05	54.00	-8.95	19.08	3	Horizontal	48	2.42	-	25.97	39.91	9.52	30.35
PK	11.59241G	57.17	74.00	-16.83	19.08	3	Horizontal	48	2.42	-	38.09	39.91	9.52	30.35



802.11ac VHT80\_Nss1,(MCS0)\_4TX

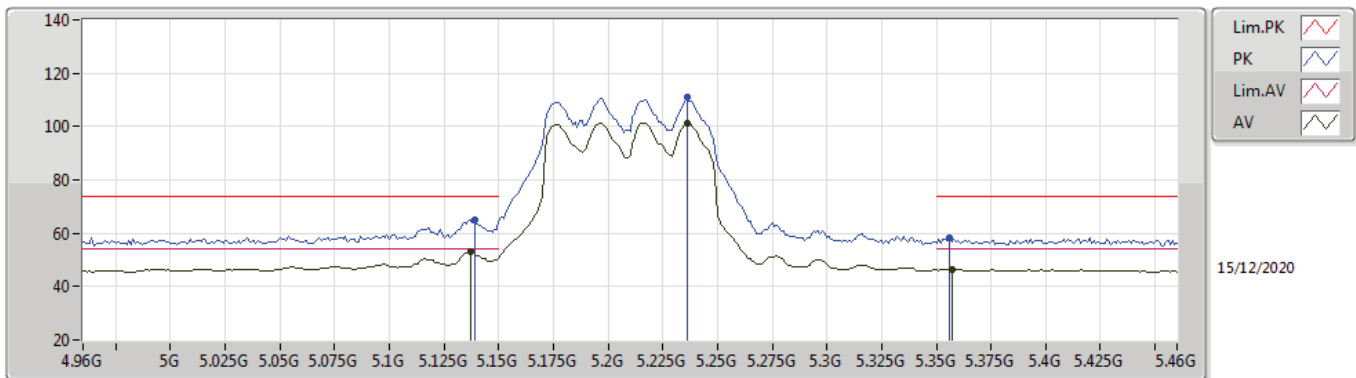
5210MHz\_TX



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	49.23	54.00	-4.77	9.58	3	Vertical	51	2.70	-	39.65	31.99	6.77	29.18
AV	5.188G	95.27	Inf	-Inf	9.46	3	Vertical	51	2.70	-	85.81	31.85	6.79	29.18
AV	5.444G	45.22	54.00	-8.78	9.21	3	Vertical	51	2.70	-	36.01	31.59	6.82	29.20
PK	5.127G	61.34	74.00	-12.66	9.53	3	Vertical	51	2.70	-	51.81	31.95	6.76	29.18
PK	5.188G	104.92	Inf	-Inf	9.46	3	Vertical	51	2.70	-	95.46	31.85	6.79	29.18
PK	5.448G	57.54	74.00	-16.46	9.22	3	Vertical	51	2.70	-	48.32	31.60	6.82	29.20

802.11ac VHT80\_Nss1,(MCS0)\_4TX

5210MHz\_TX

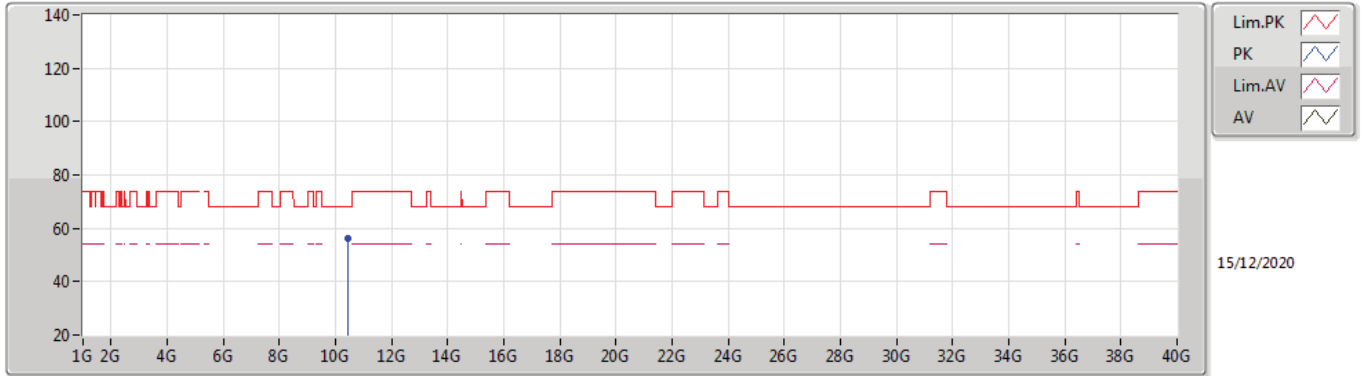


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.137G	53.14	54.00	-0.86	9.56	3	Horizontal	271	2.92	-	43.58	31.97	6.77	29.18
AV	5.236G	101.27	Inf	-Inf	9.13	3	Horizontal	271	2.92	-	92.14	31.51	6.80	29.18
AV	5.357G	46.57	54.00	-7.43	8.77	3	Horizontal	271	2.92	-	37.80	31.16	6.80	29.19
PK	5.139G	65.05	74.00	-8.95	9.57	3	Horizontal	271	2.92	-	55.48	31.98	6.77	29.18
PK	5.236G	110.97	Inf	-Inf	9.13	3	Horizontal	271	2.92	-	101.84	31.51	6.80	29.18
PK	5.356G	58.39	74.00	-15.61	8.76	3	Horizontal	271	2.92	-	49.63	31.15	6.80	29.19



802.11ac VHT80\_Nss1,(MCS0)\_4TX

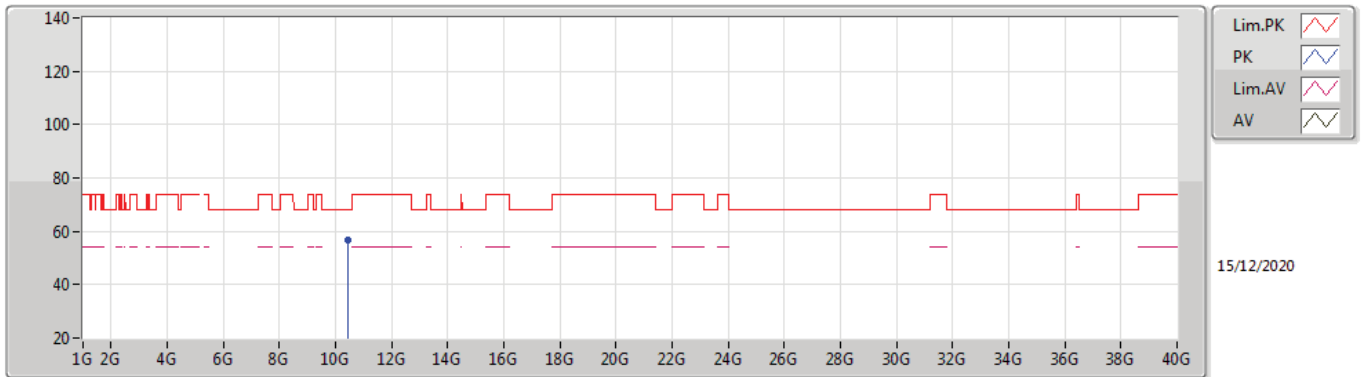
5210MHz\_TX



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)
PK	10.4222G	56.31	68.20	-11.89	18.24	3	Vertical	63	2.09	-	38.07	39.62	8.99	30.37

802.11ac VHT80\_Nss1,(MCS0)\_4TX

5210MHz\_TX

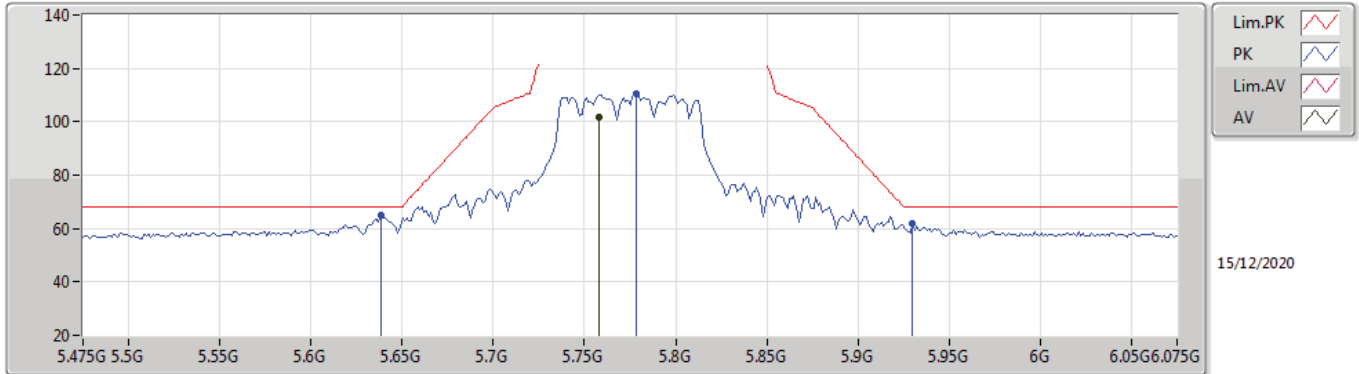


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.41824G	56.64	68.20	-11.56	18.24	3	Horizontal	231	2.26	-	38.40	39.62	8.99	30.37



802.11ac VHT80\_Nss1,(MCS0)\_4TX

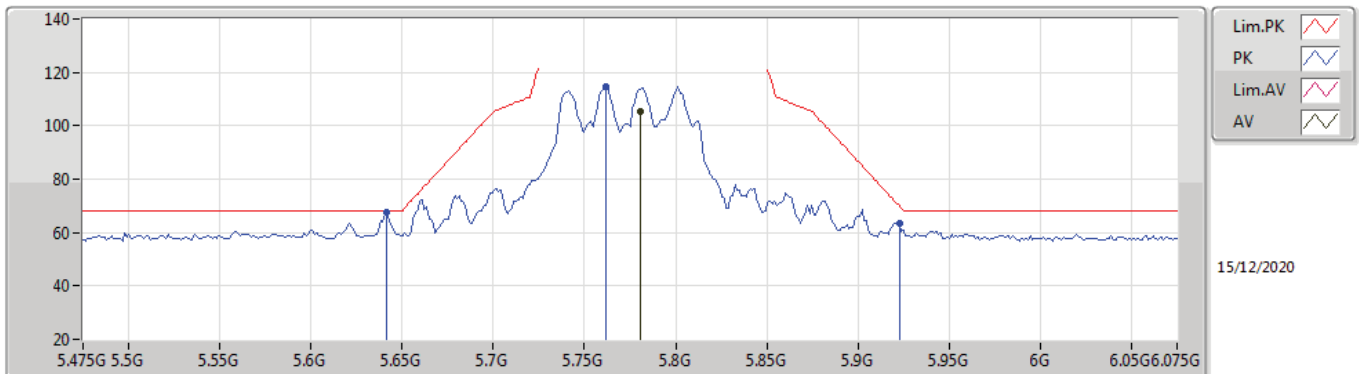
5775MHz\_TX



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	5.7582G	101.89	Inf	-Inf	9.69	3	Vertical	62	2.94	-	92.20	32.00	6.98	29.29
PK	5.6382G	65.19	68.20	-3.01	9.42	3	Vertical	62	2.94	-	55.77	31.75	6.92	29.25
PK	5.7786G	110.63	Inf	-Inf	9.70	3	Vertical	62	2.94	-	100.93	32.00	6.99	29.29
PK	5.9298G	61.98	68.20	-6.22	10.03	3	Vertical	62	2.94	-	51.95	32.32	7.06	29.35

802.11ac VHT80\_Nss1,(MCS0)\_4TX

5775MHz\_TX

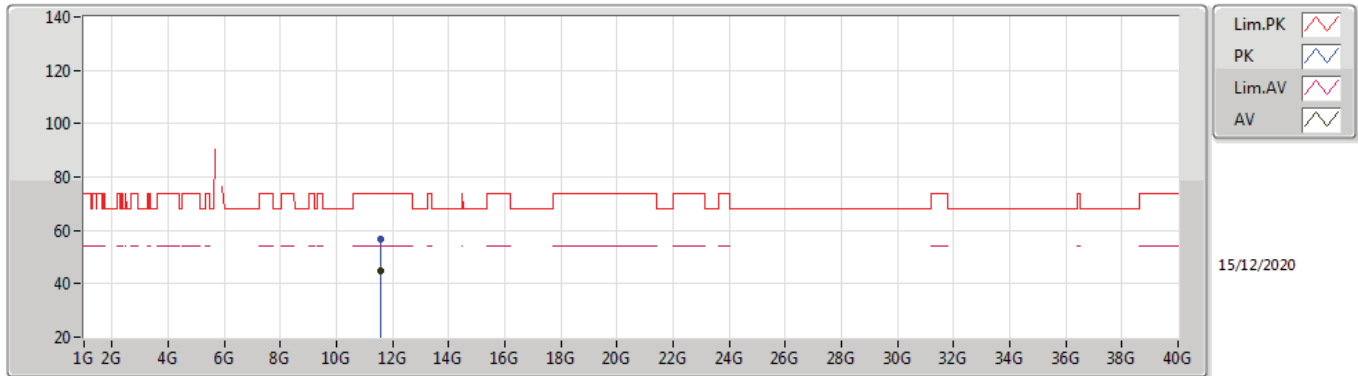


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.781G	105.34	Inf	-Inf	9.69	3	Horizontal	271	2.35	-	95.65	32.00	6.99	29.30
PK	5.6418G	67.47	68.20	-0.73	9.40	3	Horizontal	271	2.35	-	58.07	31.73	6.92	29.25
PK	5.7618G	114.53	Inf	-Inf	9.69	3	Horizontal	271	2.35	-	104.84	32.00	6.98	29.29
PK	5.9226G	63.50	69.98	-6.48	10.01	3	Horizontal	271	2.35	-	53.49	32.29	7.06	29.34



802.11ac VHT80\_Nss1,(MCS0)\_4TX

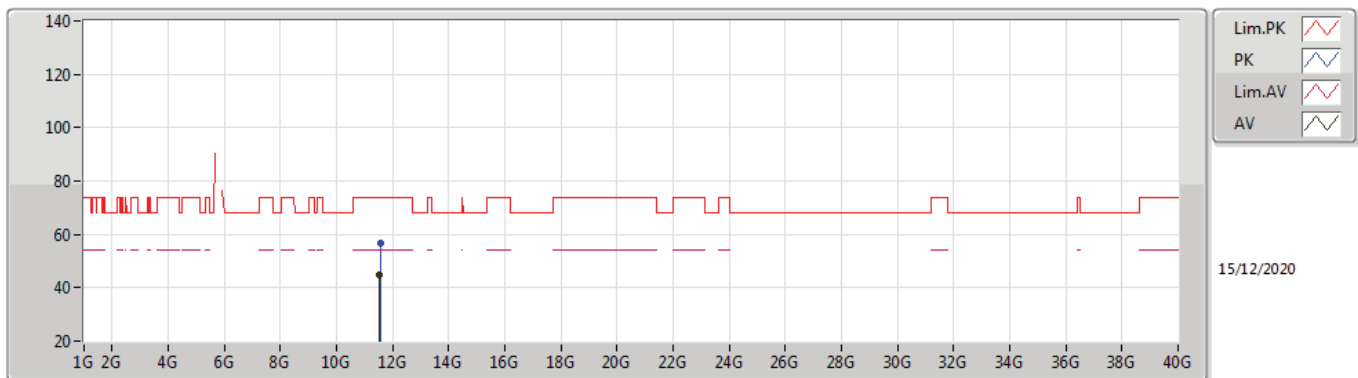
5775MHz\_TX



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	11.54946G	44.68	54.00	-9.32	19.09	3	Vertical	4	2.11	-	25.59	39.95	9.50	30.36
PK	11.54965G	56.58	74.00	-17.42	19.09	3	Vertical	4	2.11	-	37.49	39.95	9.50	30.36

802.11ac VHT80\_Nss1,(MCS0)\_4TX

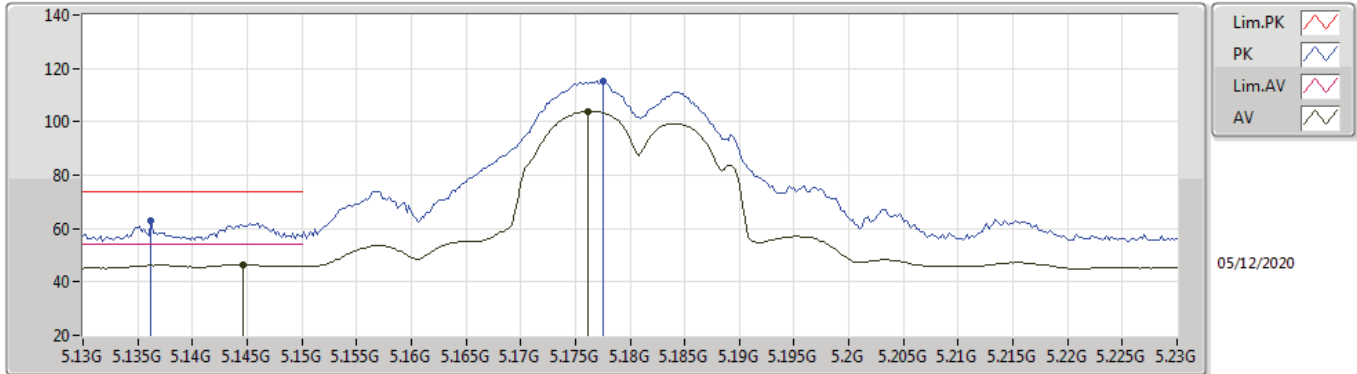
5775MHz\_TX



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	11.5489G	44.81	54.00	-9.19	19.09	3	Horizontal	156	2.44	-	25.72	39.95	9.50	30.36
PK	11.54938G	56.78	74.00	-17.22	19.09	3	Horizontal	156	2.44	-	37.69	39.95	9.50	30.36

802.11ax HEW20\_Nss1,(MCS0)\_4TX

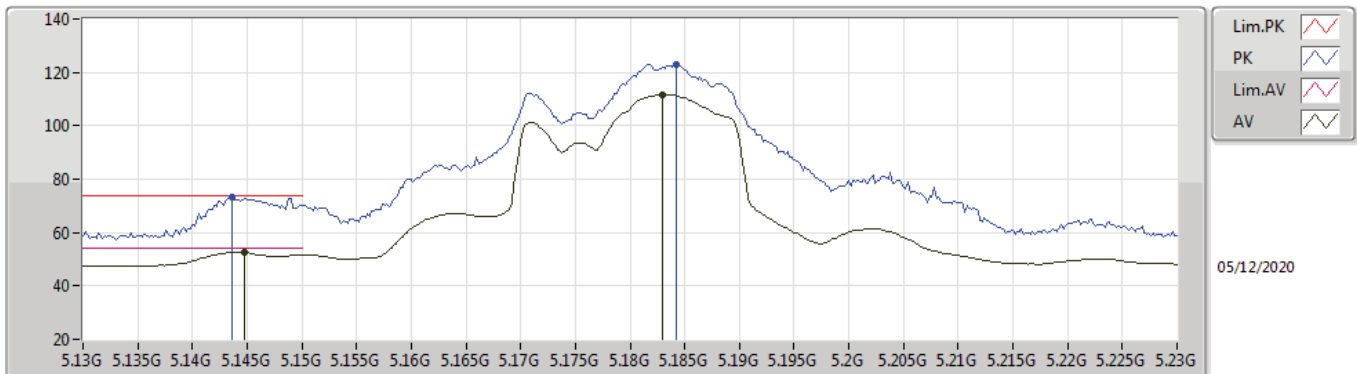
5180MHz\_TX



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	5.1446G	46.43	54.00	-7.57	9.58	3	Vertical	291	1.51	-	36.85	31.99	6.77	29.18
AV	5.1762G	104.05	Inf	-Inf	9.51	3	Vertical	291	1.51	-	94.54	31.90	6.79	29.18
PK	5.1362G	62.79	74.00	-11.21	9.56	3	Vertical	291	1.51	-	53.23	31.97	6.77	29.18
PK	5.1776G	115.25	Inf	-Inf	9.50	3	Vertical	291	1.51	-	105.75	31.89	6.79	29.18

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5180MHz\_TX

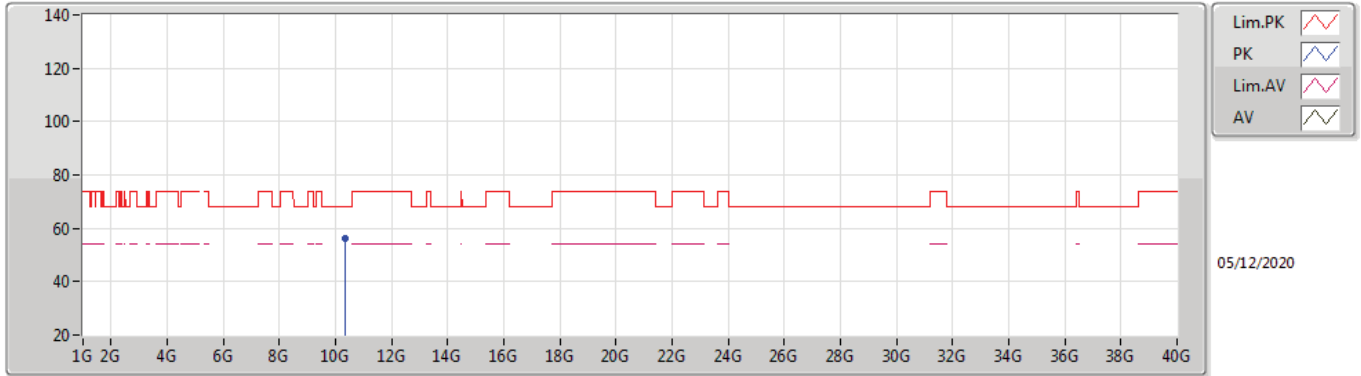


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1448G	52.45	54.00	-1.55	9.58	3	Horizontal	281	2.11	-	42.87	31.99	6.77	29.18
AV	5.183G	111.57	Inf	-Inf	9.48	3	Horizontal	281	2.11	-	102.09	31.87	6.79	29.18
PK	5.1436G	73.43	74.00	-0.57	9.58	3	Horizontal	281	2.11	-	63.85	31.99	6.77	29.18
PK	5.1842G	122.94	Inf	-Inf	9.47	3	Horizontal	281	2.11	-	113.47	31.86	6.79	29.18



802.11ax HEW20\_Nss1,(MCS0)\_4TX

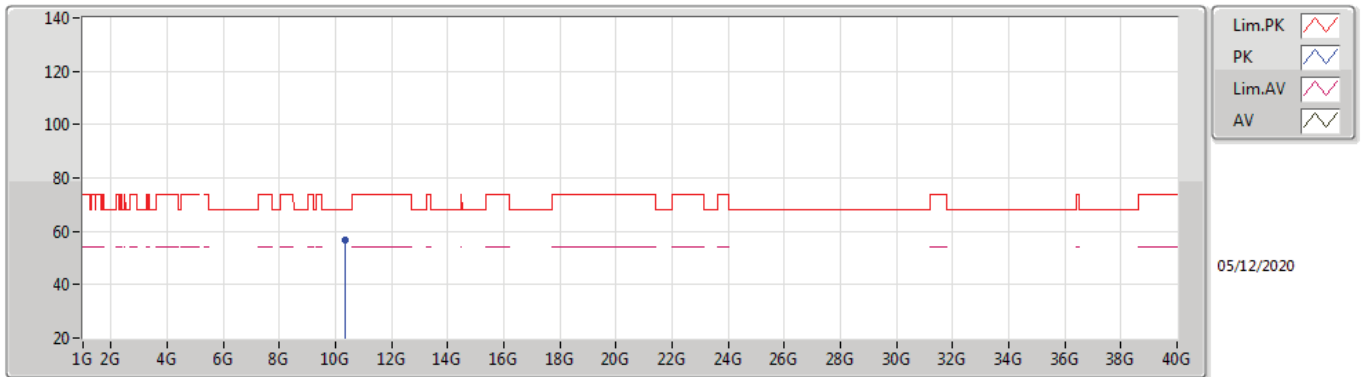
5180MHz\_TX



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)
PK	10.36564G	56.46	68.20	-11.74	18.07	3	Vertical	335	2.33	-	38.39	39.46	8.96	30.35

802.11ax HEW20\_Nss1,(MCS0)\_4TX

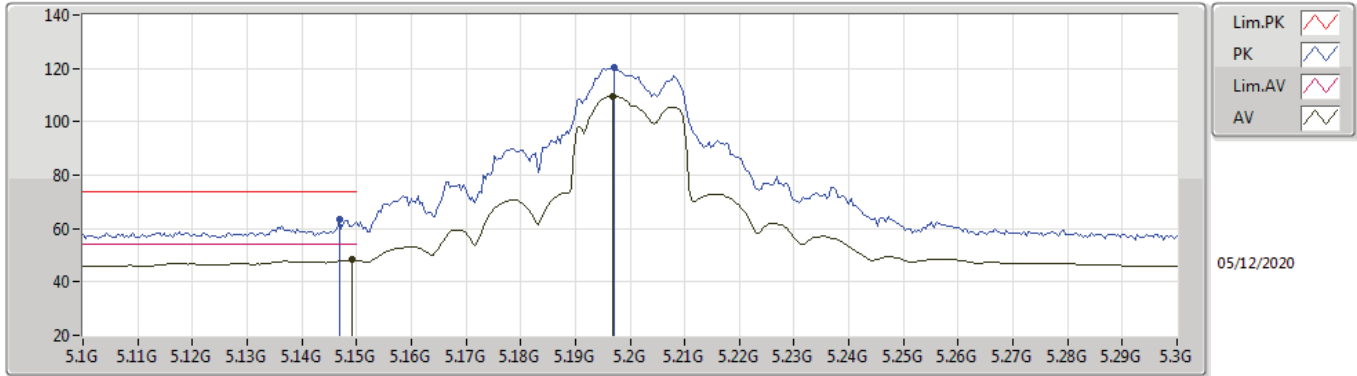
5180MHz\_TX



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)
PK	10.36452G	56.50	68.20	-11.70	18.07	3	Horizontal	86	1.49	-	38.43	39.46	8.96	30.35

802.11ax HEW20\_Nss1,(MCS0)\_4TX

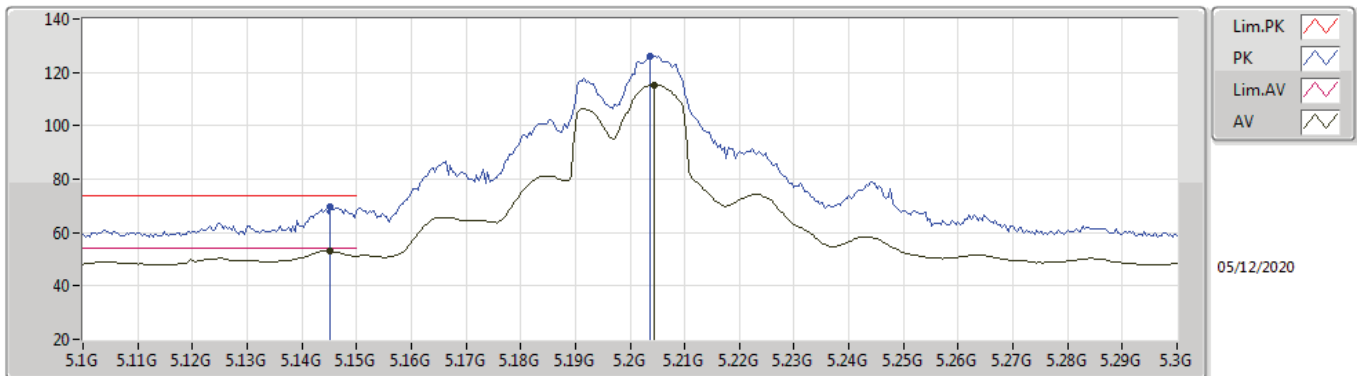
5200MHz\_TX



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	5.1492G	48.23	54.00	-5.77	9.59	3	Vertical	47	2.40	-	38.64	32.00	6.77	29.18
AV	5.1968G	109.47	Inf	-Inf	9.43	3	Vertical	47	2.40	-	100.04	31.81	6.80	29.18
PK	5.1468G	63.37	74.00	-10.63	9.58	3	Vertical	47	2.40	-	53.79	31.99	6.77	29.18
PK	5.1972G	120.56	Inf	-Inf	9.43	3	Vertical	47	2.40	-	111.13	31.81	6.80	29.18

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5200MHz\_TX



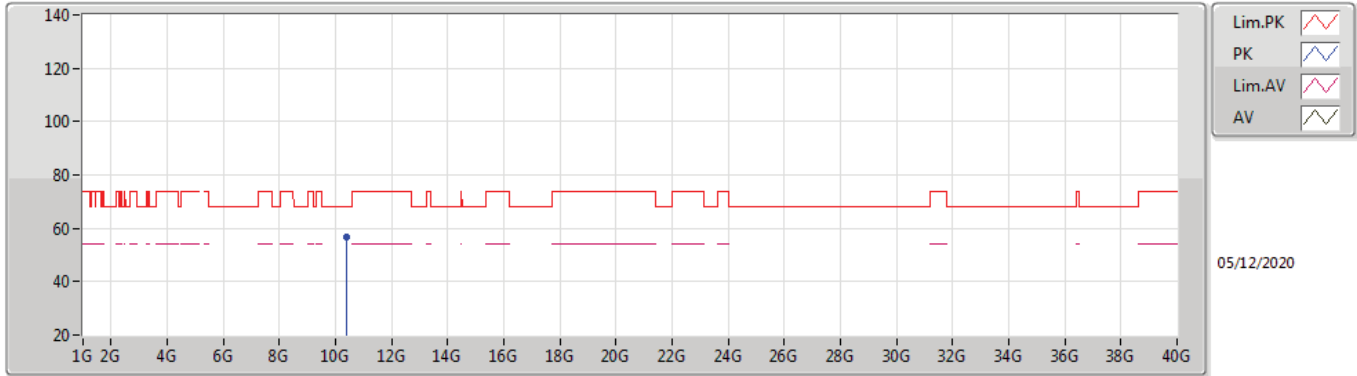
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AV	5.1452G	53.04	54.00	-0.96	9.58	3	Horizontal	278	2.47	-	43.46	31.99	6.77	29.18
AV	5.2044G	115.39	Inf	-Inf	9.38	3	Horizontal	278	2.47	-	106.01	31.76	6.80	29.18
PK	5.1452G	69.44	74.00	-4.56	9.58	3	Horizontal	278	2.47	-	59.86	31.99	6.77	29.18
PK	5.2036G	125.93	Inf	-Inf	9.39	3	Horizontal	278	2.47	-	116.54	31.77	6.80	29.18





802.11ax HEW20\_Nss1,(MCS0)\_4TX

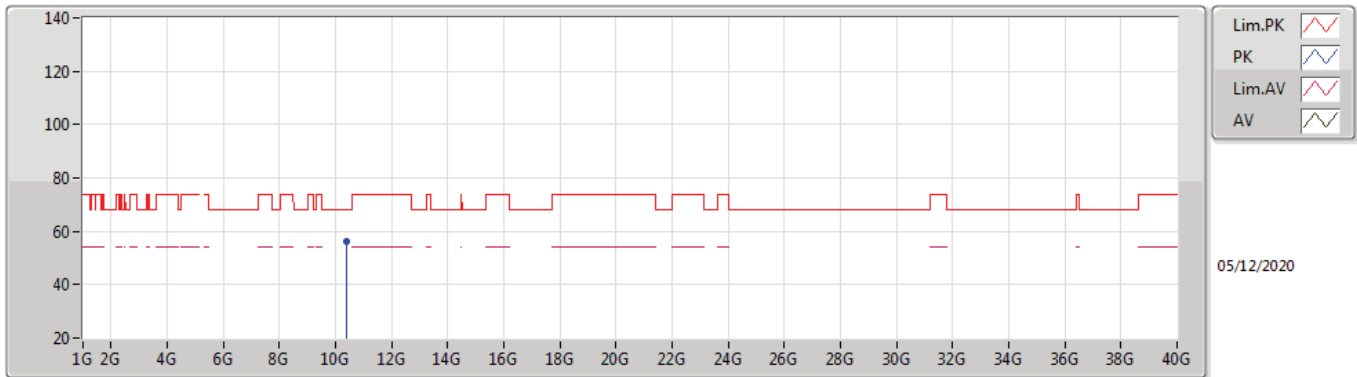
5200MHz\_TX



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)
PK	10.40964G	56.86	68.20	-11.34	18.23	3	Vertical	182	2.46	-	38.63	39.61	8.98	30.36

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5200MHz\_TX

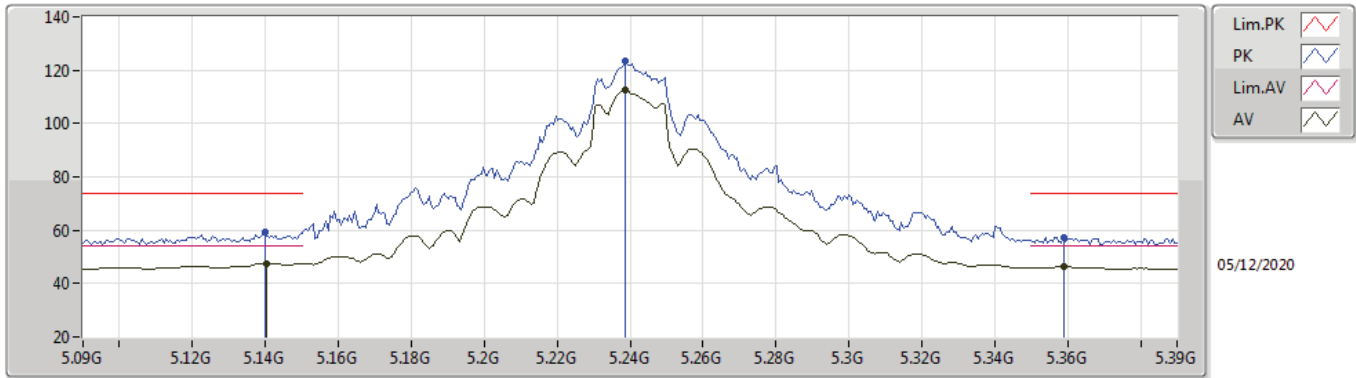


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.40272G	56.42	68.20	-11.78	18.22	3	Horizontal	264	1.92	-	38.20	39.60	8.98	30.36



802.11ax HEW20\_Nss1,(MCS0)\_4TX

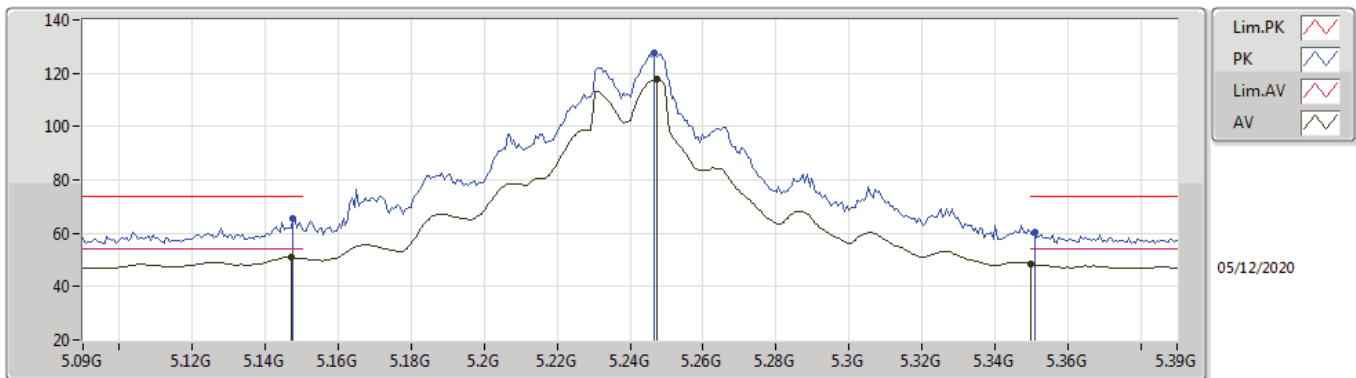
5240MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1404G	47.61	54.00	-6.39	9.57	3	Vertical	56	2.67	-	38.04	31.98	6.77	29.18
AV	5.2388G	112.52	Inf	-Inf	9.11	3	Vertical	56	2.67	-	103.41	31.49	6.80	29.18
AV	5.3588G	46.31	54.00	-7.69	8.78	3	Vertical	56	2.67	-	37.53	31.17	6.80	29.19
PK	5.1398G	59.37	74.00	-14.63	9.57	3	Vertical	56	2.67	-	49.80	31.98	6.77	29.18
PK	5.2388G	123.23	Inf	-Inf	9.11	3	Vertical	56	2.67	-	114.12	31.49	6.80	29.18
PK	5.3588G	57.03	74.00	-16.97	8.78	3	Vertical	56	2.67	-	48.25	31.17	6.80	29.19

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5240MHz\_TX

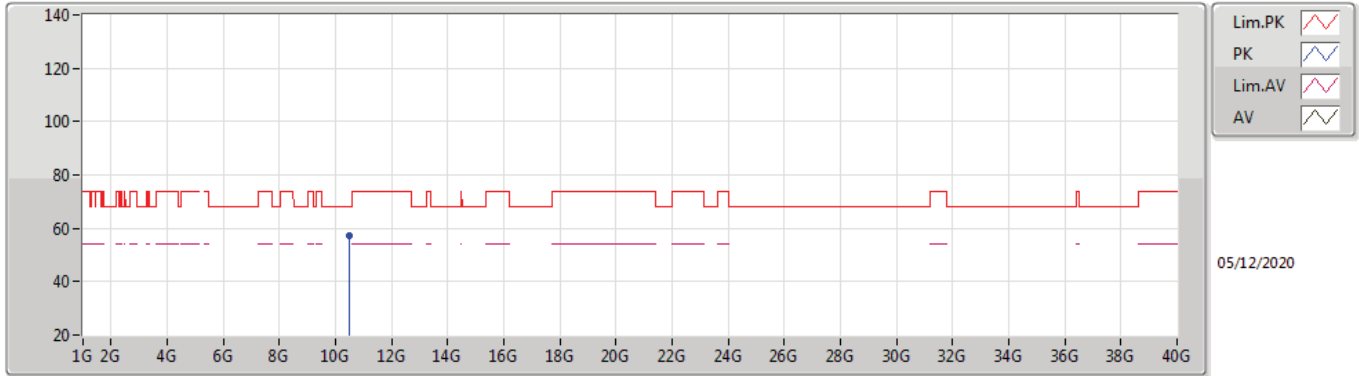


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.147G	50.97	54.00	-3.03	9.58	3	Horizontal	270	2.91	-	41.39	31.99	6.77	29.18
AV	5.2472G	117.57	Inf	-Inf	9.04	3	Horizontal	270	2.91	-	108.53	31.42	6.80	29.18
AV	5.35G	48.59	54.00	-5.41	8.71	3	Horizontal	270	2.91	-	39.88	31.10	6.80	29.19
PK	5.1476G	65.34	74.00	-8.66	9.59	3	Horizontal	270	2.91	-	55.75	32.00	6.77	29.18
PK	5.2466G	127.72	Inf	-Inf	9.05	3	Horizontal	270	2.91	-	118.67	31.43	6.80	29.18
PK	5.351G	60.44	74.00	-13.56	8.72	3	Horizontal	270	2.91	-	51.72	31.11	6.80	29.19



802.11ax HEW20\_Nss1,(MCS0)\_4TX

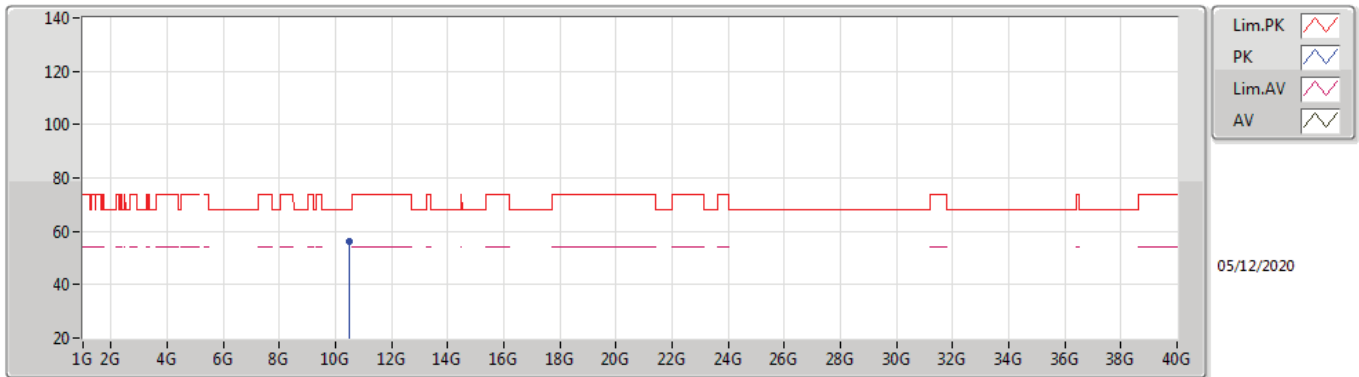
5240MHz\_TX



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)
PK	10.482G	57.06	68.20	-11.14	18.32	3	Vertical	260	2.28	-	38.74	39.68	9.02	30.38

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5240MHz\_TX

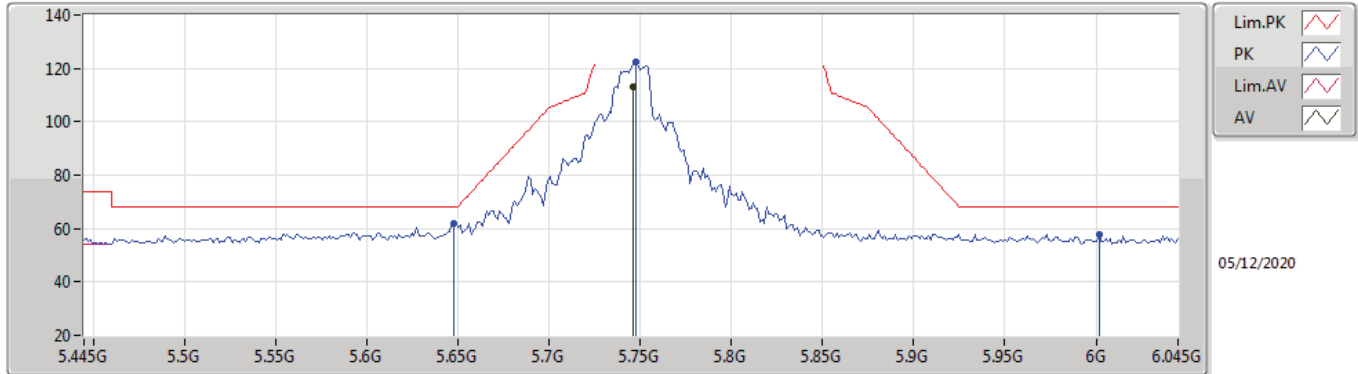


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.48336G	56.15	68.20	-12.05	18.31	3	Horizontal	155	1.37	-	37.84	39.68	9.02	30.39



802.11ax HEW20\_Nss1,(MCS0)\_4TX

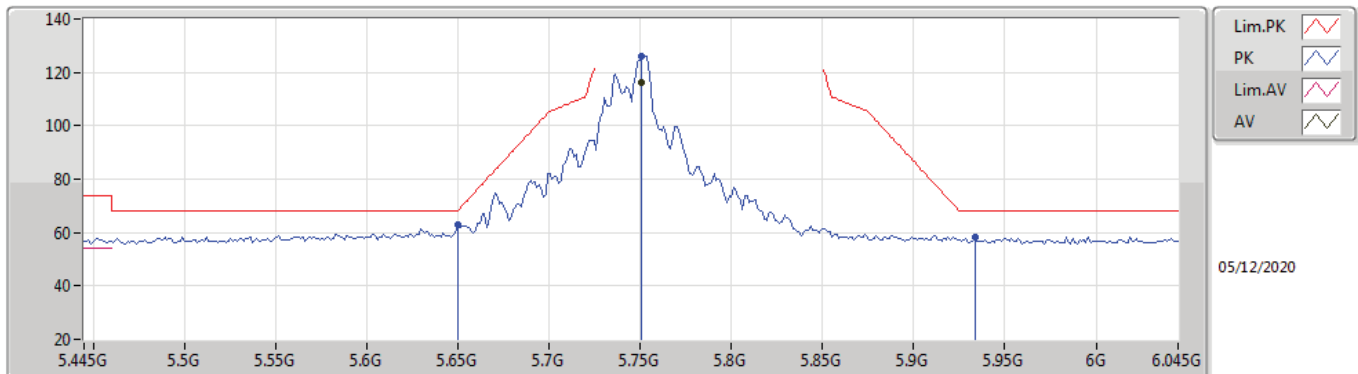
5745MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7462G	112.95	Inf	-Inf	9.68	3	Vertical	58	2.80	-	103.27	31.99	6.97	29.28
PK	5.6478G	62.12	68.20	-6.08	9.38	3	Vertical	58	2.80	-	52.74	31.71	6.92	29.25
PK	5.7474G	122.66	Inf	-Inf	9.68	3	Vertical	58	2.80	-	112.98	31.99	6.97	29.28
PK	6.0018G	57.73	68.20	-10.47	10.04	3	Vertical	58	2.80	-	47.69	32.31	7.10	29.37

802.11ax HEW20\_Nss1,(MCS0)\_4TX

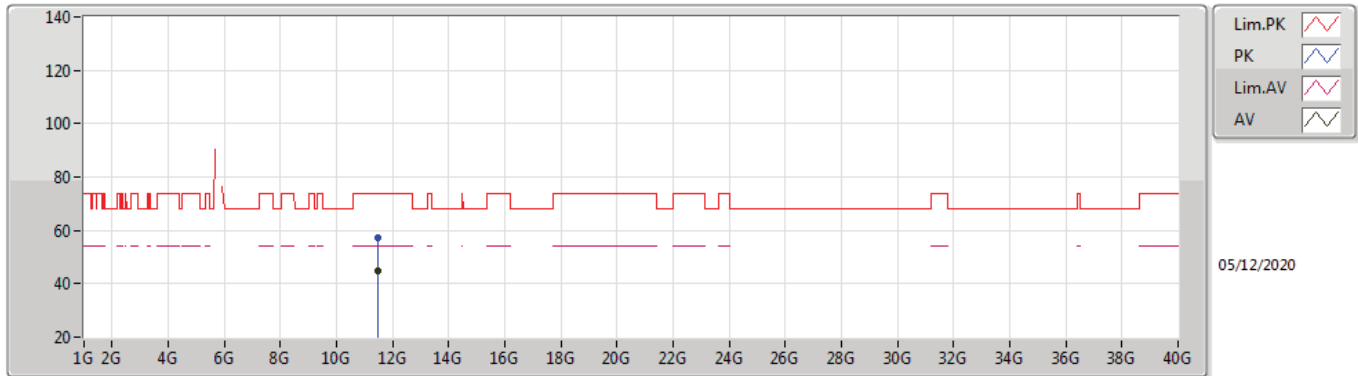
5745MHz\_TX



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	5.751G	116.01	Inf	-Inf	9.69	3	Horizontal	270	2.32	-	106.32	32.00	6.98	29.29
PK	5.6502G	62.95	68.35	-5.40	9.38	3	Horizontal	270	2.32	-	53.57	31.70	6.93	29.25
PK	5.751G	126.23	Inf	-Inf	9.69	3	Horizontal	270	2.32	-	116.54	32.00	6.98	29.29
PK	5.9334G	58.43	68.20	-9.77	10.05	3	Horizontal	270	2.32	-	48.38	32.33	7.07	29.35

802.11ax HEW20\_Nss1,(MCS0)\_4TX

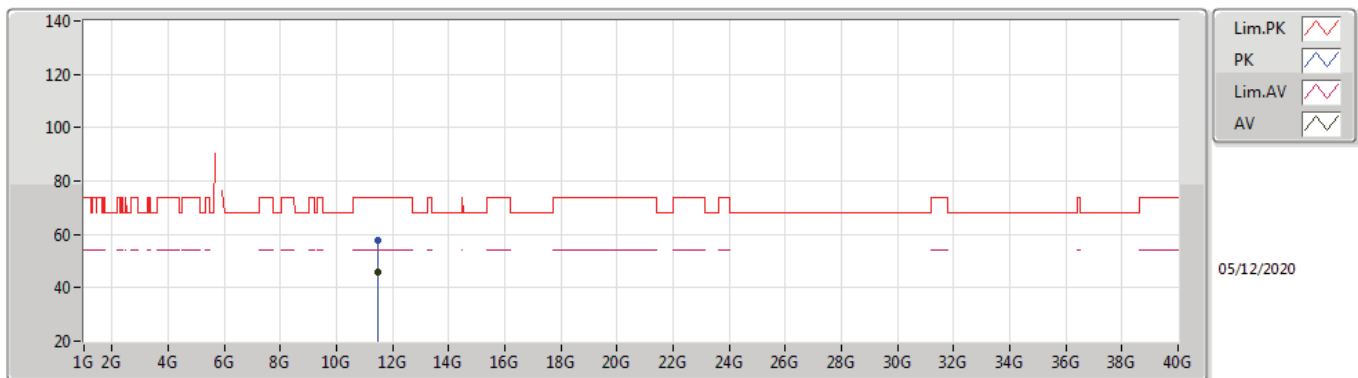
5745MHz\_TX



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	11.4918G	45.02	54.00	-8.98	19.08	3	Vertical	303	1.50	-	25.94	39.99	9.47	30.38
PK	11.49264G	57.14	74.00	-16.86	19.08	3	Vertical	303	1.50	-	38.06	39.99	9.47	30.38

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5745MHz\_TX

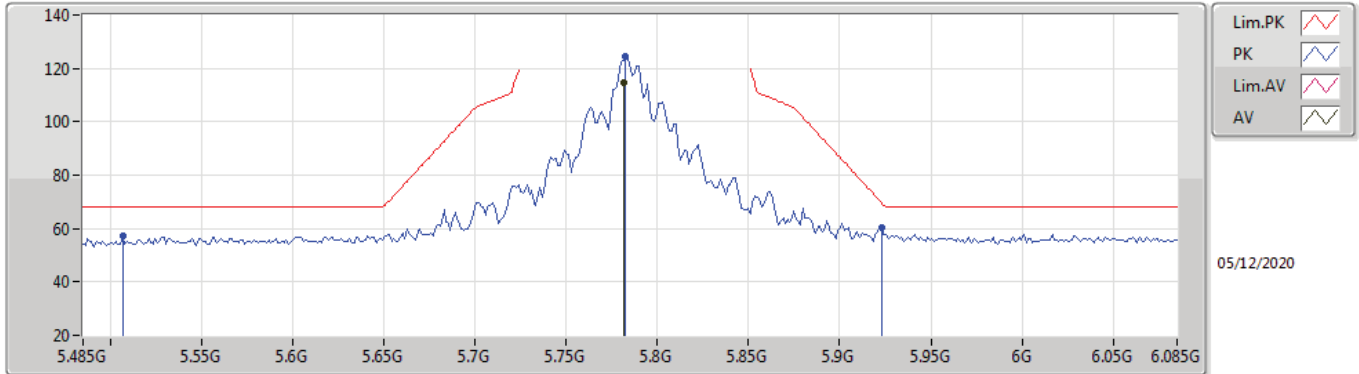


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.48936G	45.66	54.00	-8.34	19.08	3	Horizontal	323	1.44	-	26.58	39.99	9.47	30.38
PK	11.48896G	57.84	74.00	-16.16	19.08	3	Horizontal	323	1.44	-	38.76	39.99	9.47	30.38



802.11ax HEW20\_Nss1,(MCS0)\_4TX

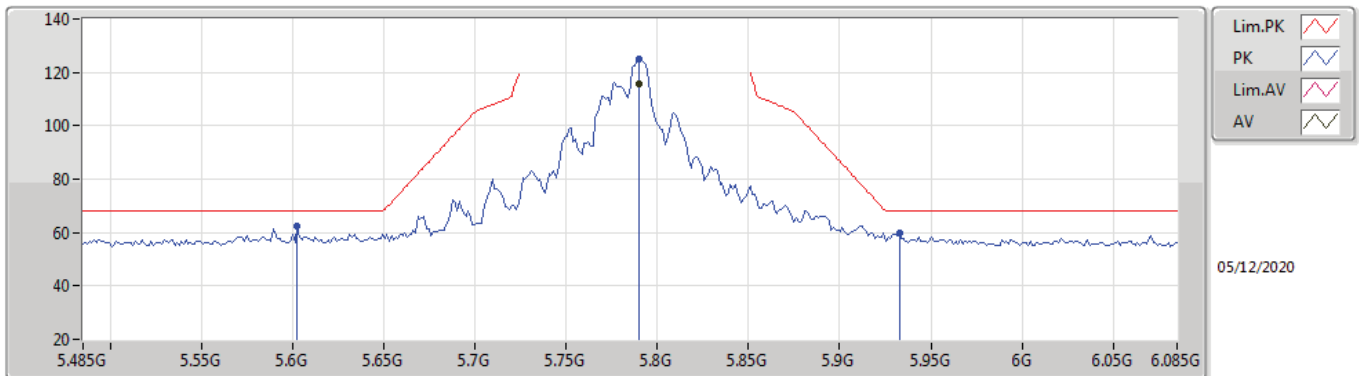
5785MHz\_TX



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	114.49	Inf	-Inf	9.69	3	Vertical	72	2.06	-	104.80	32.00	6.99	29.30
PK	5.5066G	57.28	68.20	-10.92	9.45	3	Vertical	72	2.06	-	47.83	31.80	6.85	29.20
PK	5.7826G	124.29	Inf	-Inf	9.69	3	Vertical	72	2.06	-	114.60	32.00	6.99	29.30
PK	5.923G	60.28	69.68	-9.40	10.01	3	Vertical	72	2.06	-	50.27	32.29	7.06	29.34

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5785MHz\_TX

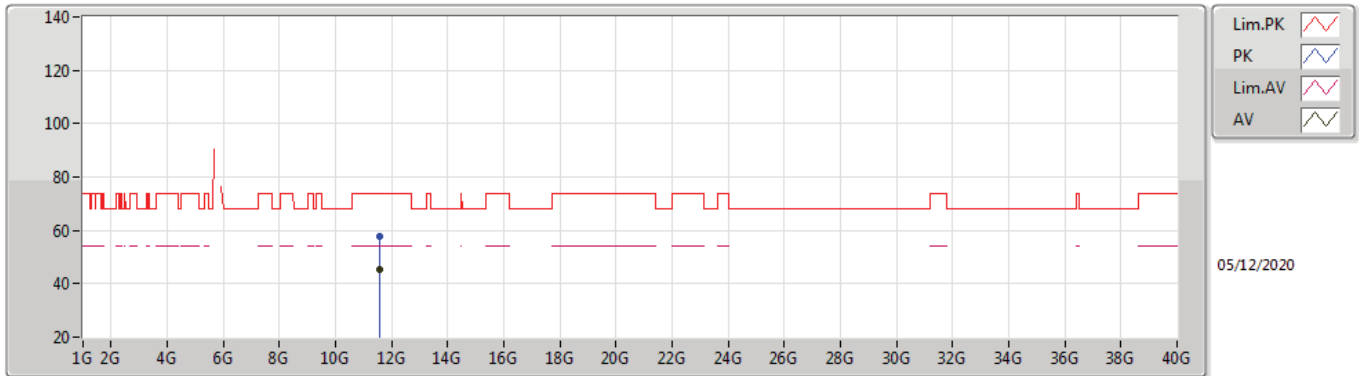


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7898G	115.64	Inf	-Inf	9.69	3	Horizontal	272	2.09	-	105.95	32.00	6.99	29.30
PK	5.6026G	62.48	68.20	-5.72	9.56	3	Horizontal	272	2.09	-	52.92	31.89	6.90	29.23
PK	5.7898G	124.79	Inf	-Inf	9.69	3	Horizontal	272	2.09	-	115.10	32.00	6.99	29.30
PK	5.9326G	59.67	68.20	-8.53	10.05	3	Horizontal	272	2.09	-	49.62	32.33	7.07	29.35



802.11ax HEW20\_Nss1,(MCS0)\_4TX

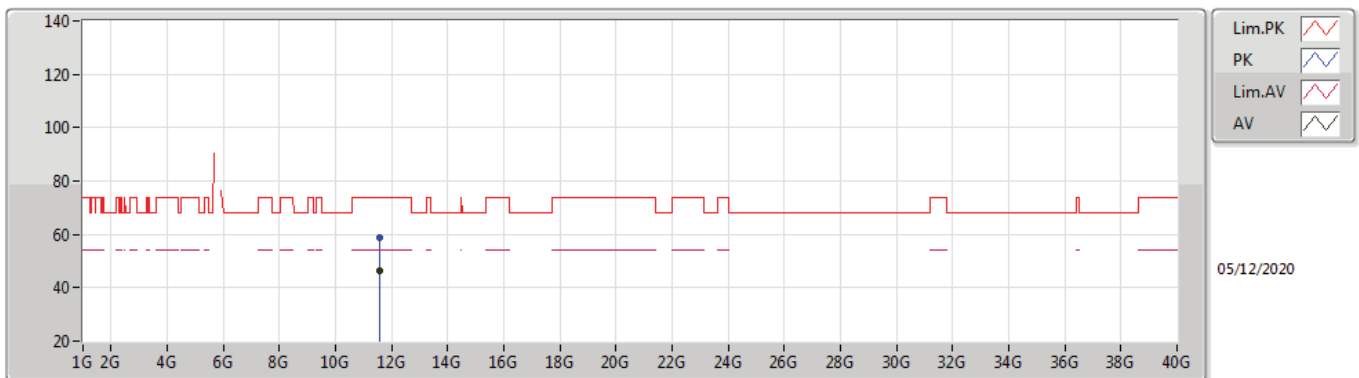
5785MHz\_TX



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	11.56992G	45.35	54.00	-8.65	19.08	3	Vertical	305	1.47	-	26.27	39.93	9.51	30.36
PK	11.57192G	57.82	74.00	-16.18	19.08	3	Vertical	305	1.47	-	38.74	39.93	9.51	30.36

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5785MHz\_TX

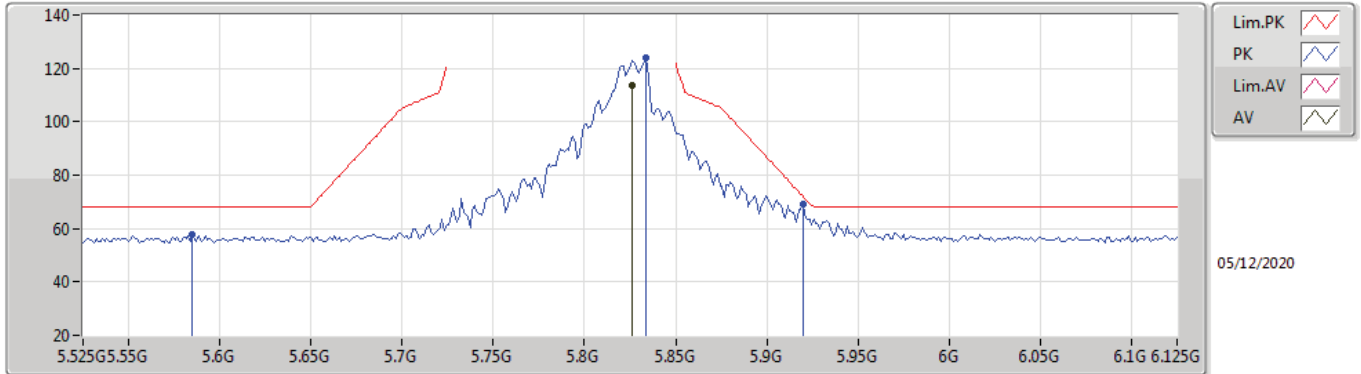


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.56748G	46.38	54.00	-7.62	19.08	3	Horizontal	318	1.39	-	27.30	39.93	9.51	30.36
PK	11.5682G	58.75	74.00	-15.25	19.08	3	Horizontal	318	1.39	-	39.67	39.93	9.51	30.36



802.11ax HEW20\_Nss1,(MCS0)\_4TX

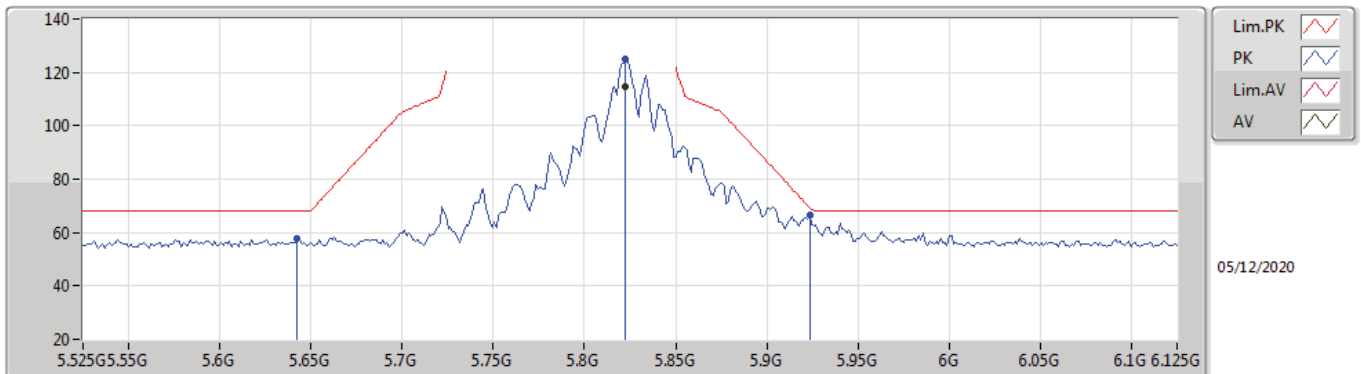
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8262G	113.47	Inf	-Inf	9.75	3	Vertical	58	2.74	-	103.72	32.05	7.01	29.31
PK	5.585G	57.53	68.20	-10.67	9.53	3	Vertical	58	2.74	-	48.00	31.87	6.89	29.23
PK	5.8334G	123.92	Inf	-Inf	9.78	3	Vertical	58	2.74	-	114.14	32.07	7.02	29.31
PK	5.9198G	69.03	72.05	-3.02	10.00	3	Vertical	58	2.74	-	59.03	32.28	7.06	29.34

802.11ax HEW20\_Nss1,(MCS0)\_4TX

5825MHz\_TX



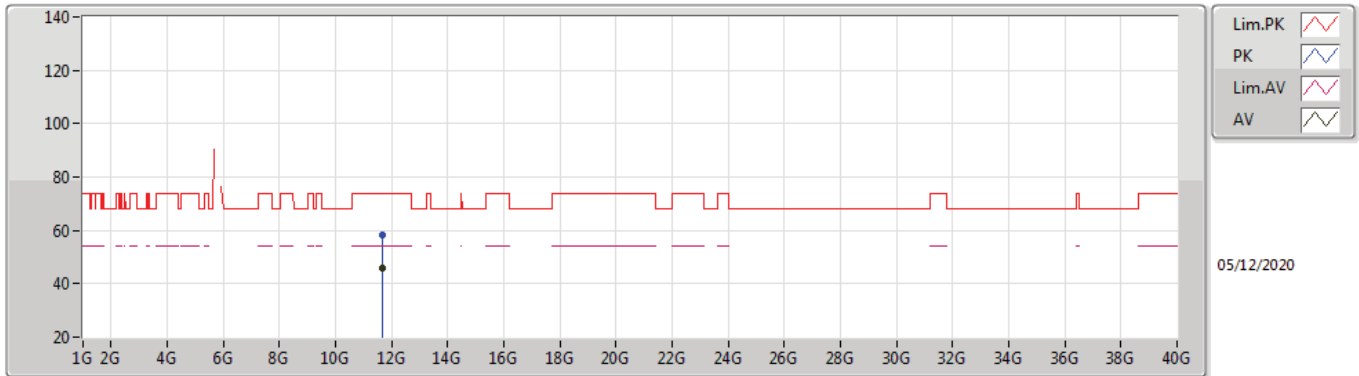
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.8226G	114.40	Inf	-Inf	9.75	3	Horizontal	291	1.65	-	104.65	32.05	7.01	29.31
PK	5.6426G	57.71	68.20	-10.49	9.40	3	Horizontal	291	1.65	-	48.31	31.73	6.92	29.25
PK	5.8226G	125.10	Inf	-Inf	9.75	3	Horizontal	291	1.65	-	115.35	32.05	7.01	29.31
PK	5.9234G	66.31	69.38	-3.07	10.01	3	Horizontal	291	1.65	-	56.30	32.29	7.06	29.34





802.11ax HEW20\_Nss1,(MCS0)\_4TX

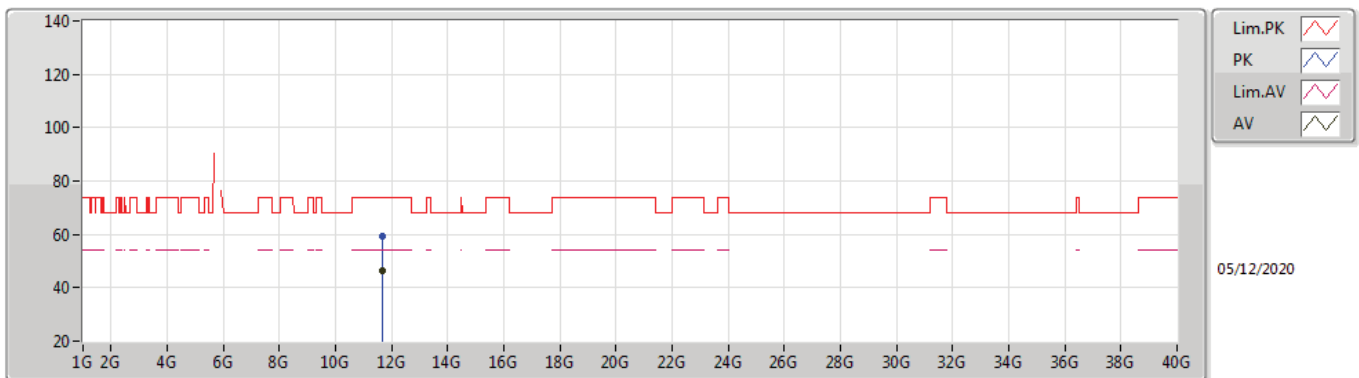
5825MHz\_TX



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	11.64988G	45.73	54.00	-8.27	18.81	3	Vertical	306	1.53	-	26.92	39.60	9.54	30.33
PK	11.65114G	58.10	74.00	-15.90	18.80	3	Vertical	306	1.53	-	39.30	39.59	9.54	30.33

802.11ax HEW20\_Nss1,(MCS0)\_4TX

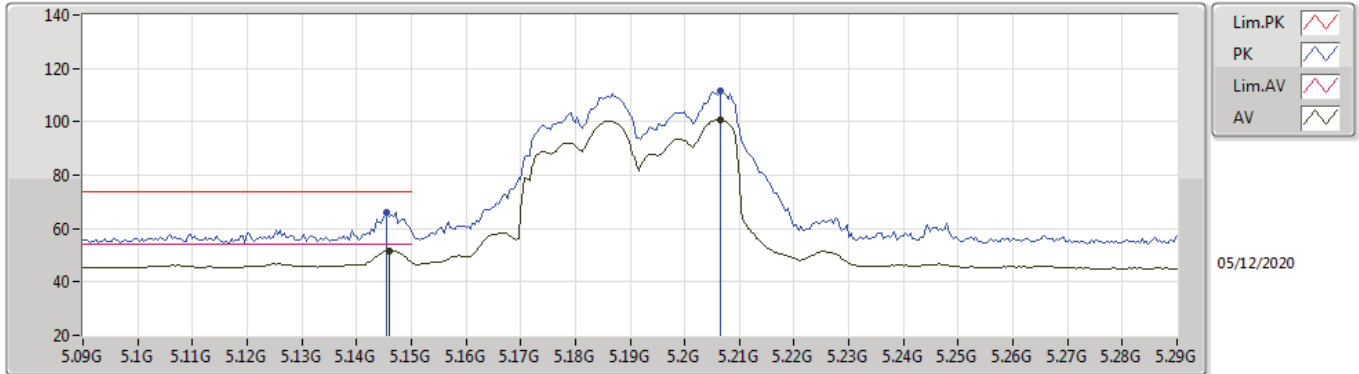
5825MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.64826G	46.38	54.00	-7.62	18.82	3	Horizontal	319	1.44	-	27.56	39.61	9.54	30.33
PK	11.65036G	59.33	74.00	-14.67	18.81	3	Horizontal	319	1.44	-	40.52	39.60	9.54	30.33

802.11ax HEW40\_Nss1,(MCS0)\_4TX

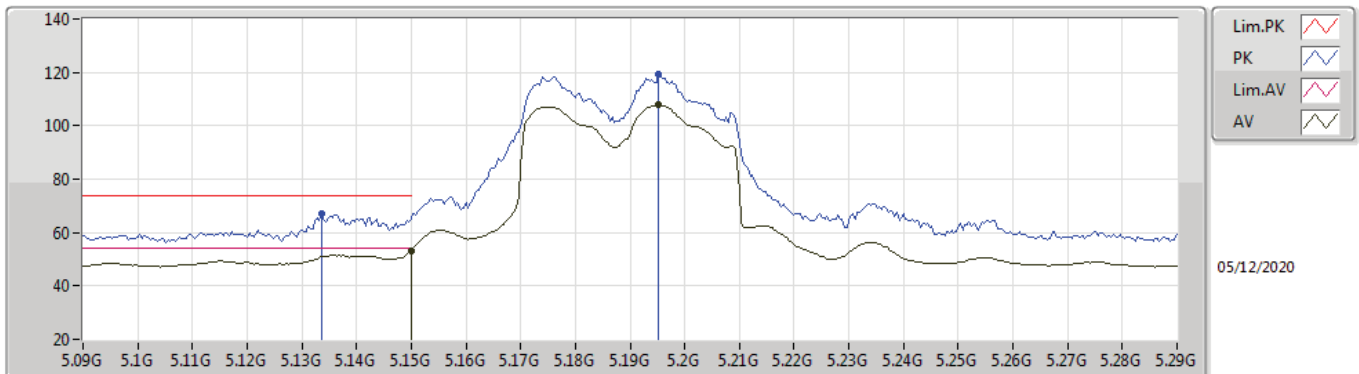
5190MHz\_TX



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	5.146G	51.79	54.00	-2.21	9.58	3	Vertical	102	1.04	-	42.21	31.99	6.77	29.18
AV	5.2064G	100.81	Inf	-Inf	9.37	3	Vertical	102	1.04	-	91.44	31.75	6.80	29.18
PK	5.1456G	66.19	74.00	-7.81	9.58	3	Vertical	102	1.04	-	56.61	31.99	6.77	29.18
PK	5.2064G	111.36	Inf	-Inf	9.37	3	Vertical	102	1.04	-	101.99	31.75	6.80	29.18

802.11ax HEW40\_Nss1,(MCS0)\_4TX

5190MHz\_TX

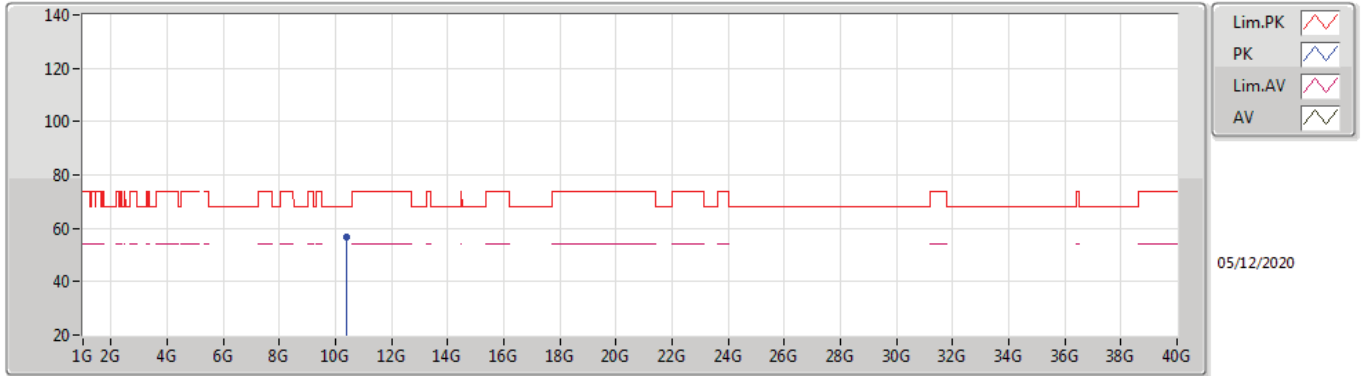


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.27	54.00	-0.73	9.60	3	Horizontal	276	2.82	-	43.67	32.00	6.78	29.18
AV	5.1952G	107.74	Inf	-Inf	9.44	3	Horizontal	276	2.82	-	98.30	31.82	6.80	29.18
PK	5.1336G	66.99	74.00	-7.01	9.56	3	Horizontal	276	2.82	-	57.43	31.97	6.77	29.18
PK	5.1952G	119.24	Inf	-Inf	9.44	3	Horizontal	276	2.82	-	109.80	31.82	6.80	29.18



802.11ax HEW40\_Nss1,(MCS0)\_4TX

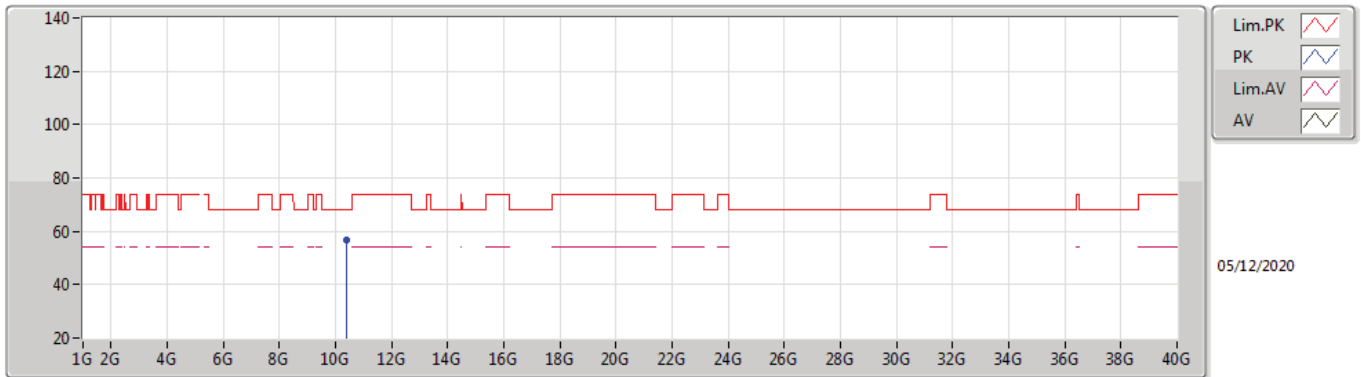
5190MHz\_TX



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)
PK	10.3952G	56.48	68.20	-11.72	18.20	3	Vertical	3	1.57	-	38.28	39.58	8.98	30.36

802.11ax HEW40\_Nss1,(MCS0)\_4TX

5190MHz\_TX

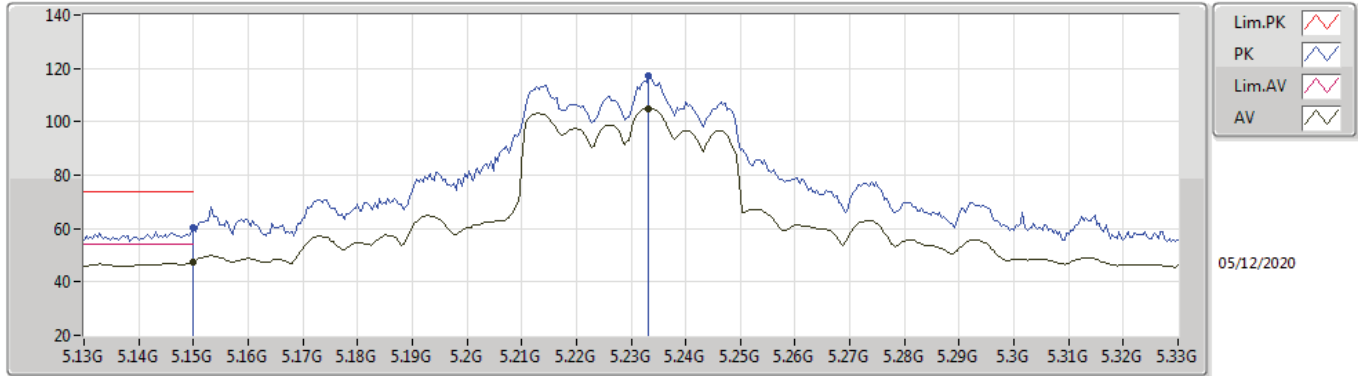


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	10.38728G	56.82	68.20	-11.38	18.16	3	Horizontal	106	1.50	-	38.66	39.55	8.97	30.36



802.11ax HEW40\_Nss1,(MCS0)\_4TX

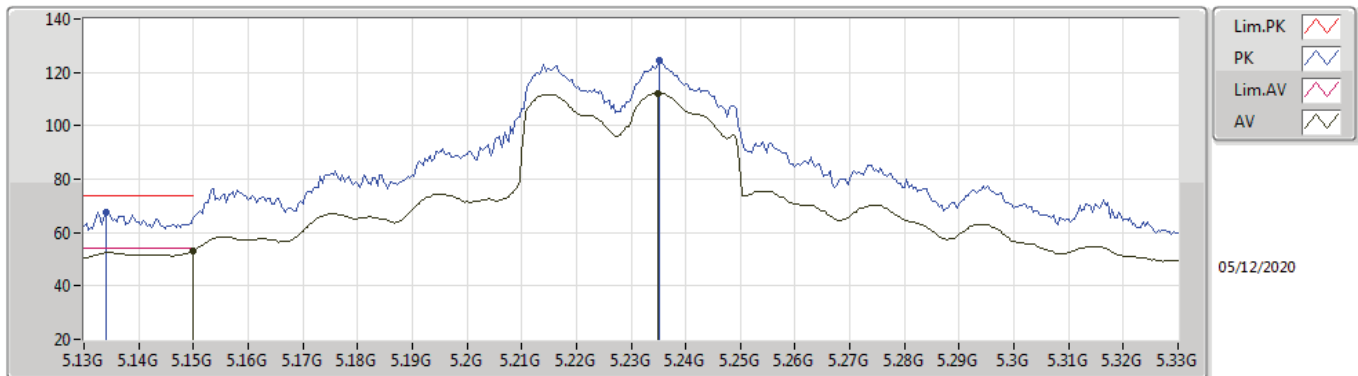
5230MHz\_TX



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	47.53	54.00	-6.47	9.60	3	Vertical	166	1.55	-	37.93	32.00	6.78	29.18
AV	5.2332G	105.05	Inf	-Inf	9.15	3	Vertical	166	1.55	-	95.90	31.53	6.80	29.18
PK	5.15G	60.35	74.00	-13.65	9.60	3	Vertical	166	1.55	-	50.75	32.00	6.78	29.18
PK	5.2332G	117.22	Inf	-Inf	9.15	3	Vertical	166	1.55	-	108.07	31.53	6.80	29.18

802.11ax HEW40\_Nss1,(MCS0)\_4TX

5230MHz\_TX

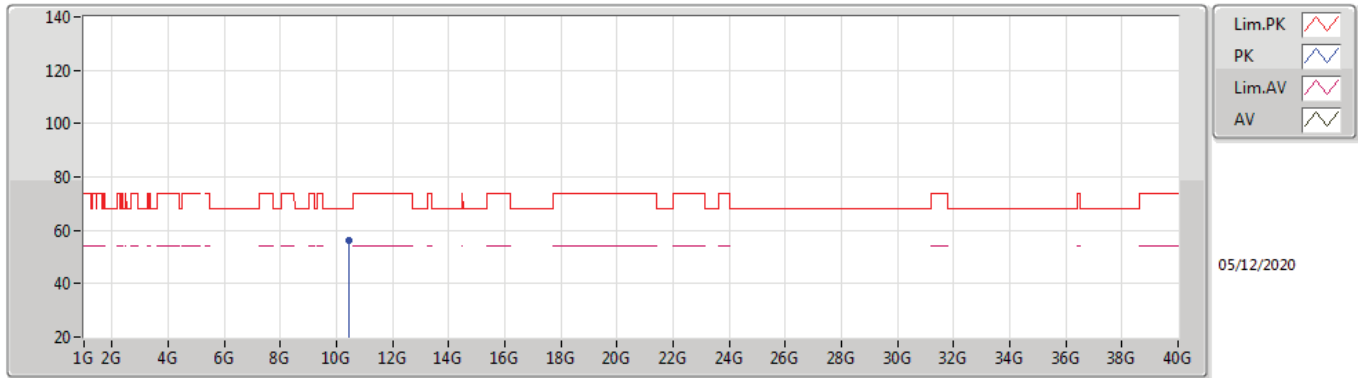


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	53.27	54.00	-0.73	9.60	3	Horizontal	276	2.82	-	43.67	32.00	6.78	29.18
AV	5.2348G	112.27	Inf	-Inf	9.14	3	Horizontal	276	2.82	-	103.13	31.52	6.80	29.18
PK	5.134G	67.81	74.00	-6.19	9.56	3	Horizontal	276	2.82	-	58.25	31.97	6.77	29.18
PK	5.2352G	124.38	Inf	-Inf	9.14	3	Horizontal	276	2.82	-	115.24	31.52	6.80	29.18



802.11ax HEW40\_Nss1,(MCS0)\_4TX

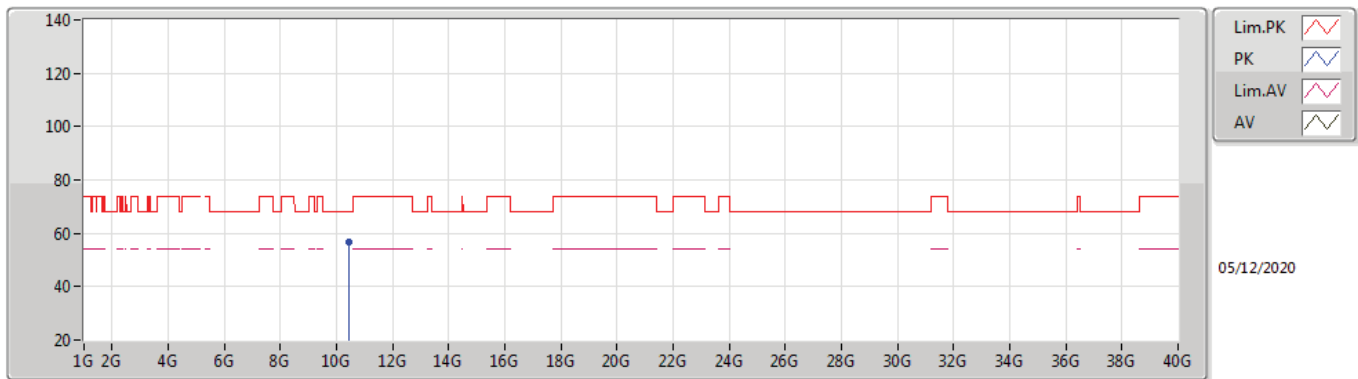
5230MHz\_TX



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)
PK	10.44624G	56.38	68.20	-11.82	18.28	3	Vertical	271	1.83	-	38.10	39.65	9.00	30.37

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)
PK	10.46424G	56.62	68.20	-11.58	18.29	3	Horizontal	89	1.13	-	38.33	39.66	9.01	30.38